

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110809.D
 Acq On : 16 Nov 2018 11:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 11/19/2018 11:55:34 AM

Quant Time: Nov 16 11:57:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	70684	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	302191	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	141877	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	267022	20.00	ng	0.00
76) Chrysene-d12	14.13	240	191879	20.00	ng	0.00
87) Perylene-d12	15.66	264	137856	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	366071	84.12	ng	0.00
7) Phenol-d6	6.57	99	452433	81.30	ng	0.00
23) Nitrobenzene-d5	7.51	82	424561	80.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	114996	80.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	789948	79.52	ng	0.00
79) Terphenyl-d14	13.06	244	810186	79.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	87438	40.327	ng	91
3) Pyridine	3.56	79	191946	41.013	ng	# 84
4) n-Nitrosodimethylamine	3.52	42	87271	43.459	ng	89
6) Aniline	6.61	93	284794	39.245	ng	# 53
8) 2-Chlorophenol	6.73	128	208652	40.901	ng	98
9) Benzaldehyde	6.50	77	123896	41.996	ng	95
10) Phenol	6.58	94	261096	40.464	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	192544	39.817	ng	94
12) 1,3-Dichlorobenzene	6.88	146	224957	40.303	ng	98
13) 1,4-Dichlorobenzene	6.96	146	229912	40.563	ng	96
14) 1,2-Dichlorobenzene	7.11	146	215893	40.945	ng	99
15) Benzyl Alcohol	7.09	79	178834	41.067	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	305990	40.294	ng	71
17) 2-Methylphenol	7.19	107	162871	40.117	ng	# 83
18) Hexachloroethane	7.45	117	85493	40.857	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	144822	40.771	ng	96
20) 3+4-Methylphenols	7.35	107	214303	41.119	ng	92
22) Acetophenone	7.35	105	285089	40.480	ng	# 92
24) Nitrobenzene	7.53	77	217776	40.507	ng	98
25) Isophorone	7.76	82	337974	39.297	ng	95
26) 2-Nitrophenol	7.85	139	110898	41.348	ng	92
27) 2,4-Dimethylphenol	7.87	122	152585	37.356	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	232657	39.954	ng	99
29) 2,4-Dichlorophenol	8.08	162	173123	41.191	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	190838	40.272	ng	96
31) Naphthalene	8.25	128	565347	39.852	ng	99
32) Benzoic acid	8.01	122	112679m	38.989	ng	
33) 4-Chloroaniline	8.30	127	249973	38.902	ng	99
34) Hexachlorobutadiene	8.35	225	109021	40.279	ng	99
35) Caprolactam	8.68	113	55946	39.842	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	183727	40.532	ng	96
37) 2-Methylnaphthalene	8.94	142	373423	40.154	ng	98
38) 1-Methylnaphthalene	9.04	142	358249	40.056	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	181994	40.524	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	51716	34.349	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	112549	39.881	nq	95
44) 2,4,5-Trichlorophenol	9.26	196	122638	40.739	nq	94
46) 1,1'-Biphenyl	9.40	154	525587	39.712	nq	99
47) 2-Chloronaphthalene	9.43	162	382883	40.155	nq	99
48) 2-Nitroaniline	9.53	65	118777	40.424	nq	97
49) Acenaphthylene	9.85	152	547404	39.864	nq	99
50) Dimethylphthalate	9.70	163	420906	39.759	nq	99
51) 2,6-Dinitrotoluene	9.77	165	94357	40.517	nq	97
52) Acenaphthene	10.02	154	342237	39.437	nq	98
53) 3-Nitroaniline	9.95	138	108758	40.310	nq	89
54) 2,4-Dinitrophenol	10.06	184	35508	40.728	nq	92
55) Dibenzofuran	10.19	168	504693	39.751	nq	97
56) 4-Nitrophenol	10.11	139	64168	35.849	nq	97
57) 2,4-Dinitrotoluene	10.19	165	122991	40.618	nq	98
58) Fluorene	10.54	166	388089	39.795	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	91762	38.748	nq	92
60) Diethylphthalate	10.40	149	422374	40.328	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	202261	40.057	nq	99
62) 4-Nitroaniline	10.57	138	108793	40.043	nq	97
63) Azobenzene	10.69	77	411627	40.283	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	49489	36.774	nq	84
66) n-Nitrosodiphenylamine	10.65	169	364462	40.494	nq	99
67) 4-Bromophenyl-phenylether	11.02	248	119144	40.372	nq	96
68) Hexachlorobenzene	11.09	284	126739	40.734	nq	# 92
69) Atrazine	11.17	200	105591	38.369	nq	97
70) Pentachlorophenol	11.29	266	58050	34.965	nq	96
71) Phenanthrene	11.50	178	561591	39.257	nq	100
72) Anthracene	11.56	178	574054	39.779	nq	99
73) Carbazole	11.72	167	559208	40.350	nq	100
74) Di-n-butylphthalate	12.02	149	653370	40.202	nq	99
75) Fluoranthene	12.70	202	571169	39.824	nq	99
77) Benzidine	12.82	184	227960	43.201	nq	98
78) Pyrene	12.93	202	583520	39.496	nq	99
80) Butylbenzylphthalate	13.53	149	258523	40.655	nq	99
81) Benzo(a)anthracene	14.12	228	455028	39.675	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	154869	40.310	nq	100
83) Chrysene	14.16	228	441404	40.398	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	325310	41.239	nq	99
85) Di-n-octyl phthalate	14.69	149	493132	42.510	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	316030	40.306	nq	98
88) Benzo(b)fluoranthene	15.20	252	338756	41.076	nq	99
89) Benzo(k)fluoranthene	15.24	252	320340	39.310	nq	100
90) Benzo(a)pyrene	15.60	252	299457	39.965	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	263617	41.574	nq	98
92) Benzo(g,h,i)perylene	17.72	276	265396	42.184	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

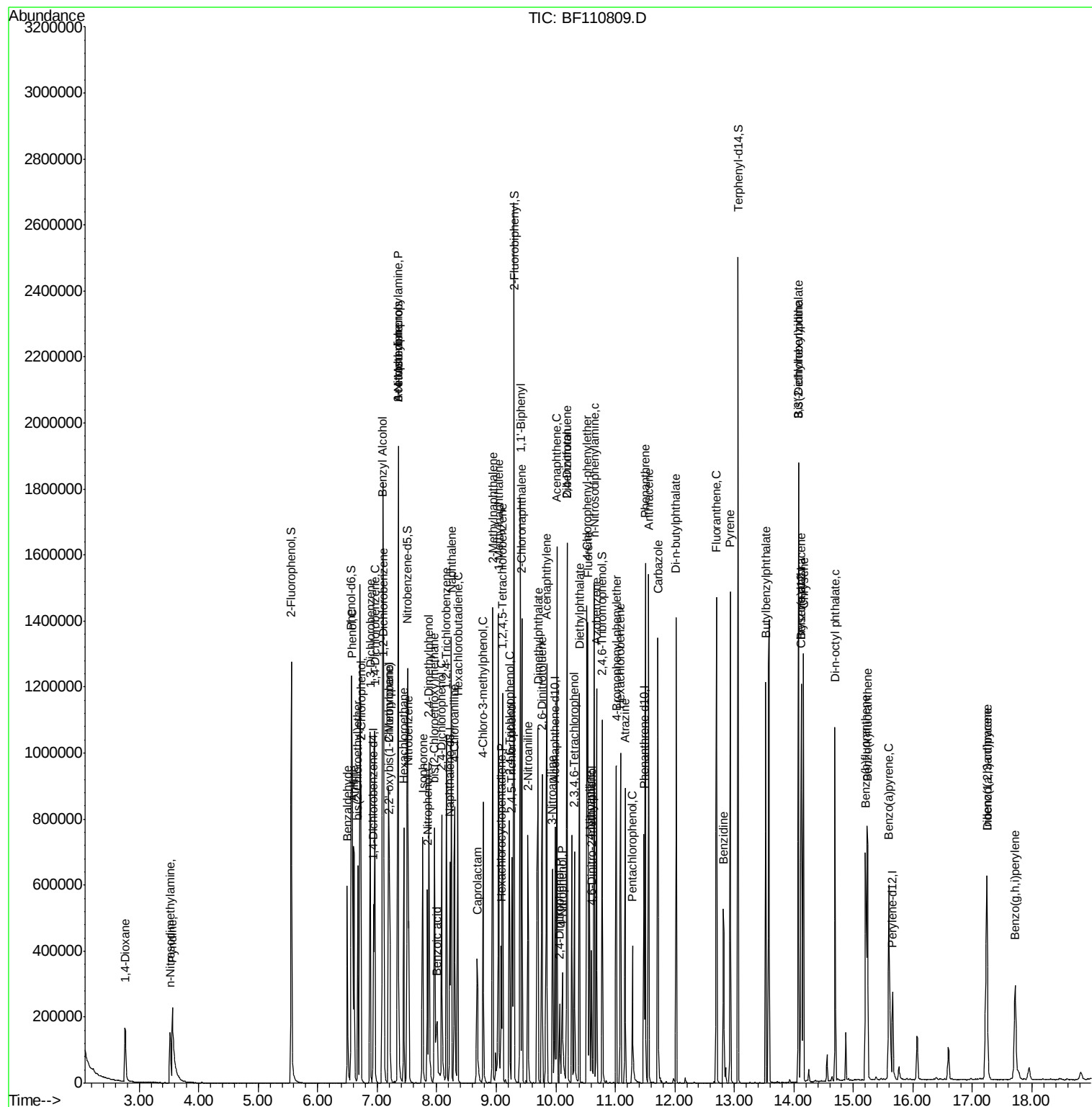
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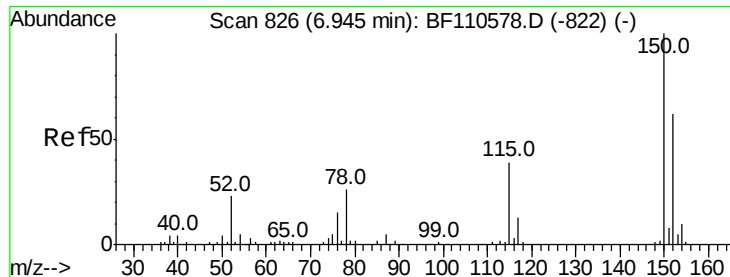
Instrument :
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SSTDCCC040

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#1

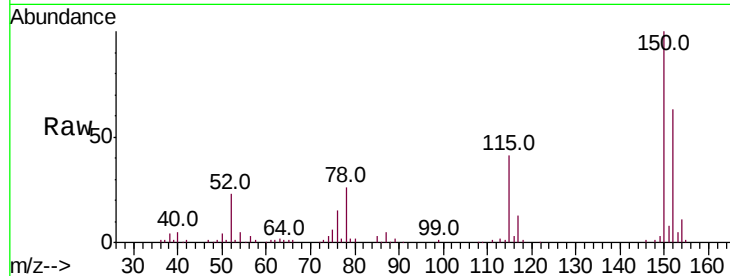
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	64.8	49.1	73.7

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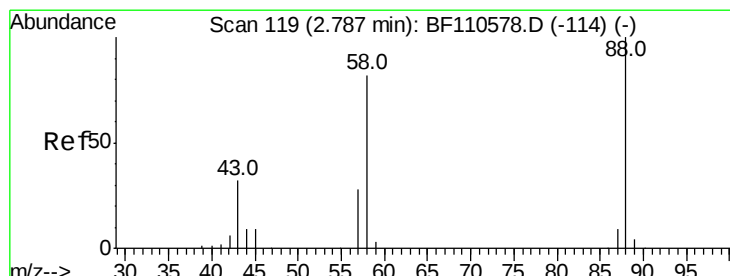
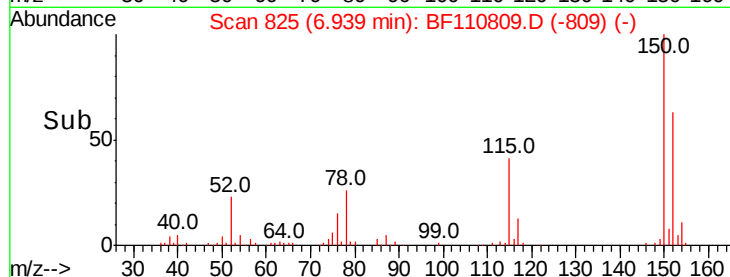
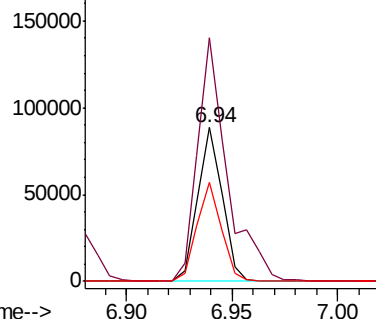


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

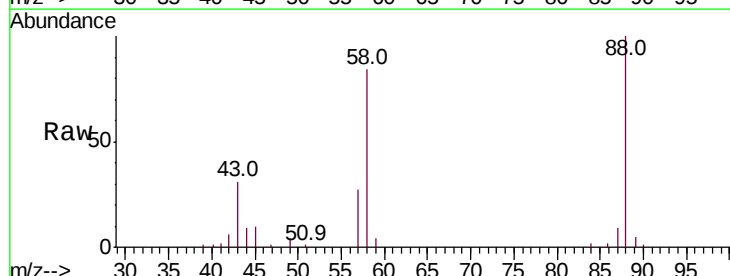
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.327 ng
RT: 2.76 min Scan# 115
Delta R.T. -0.02 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	57.1	85.7
43	32.4	24.1	36.1

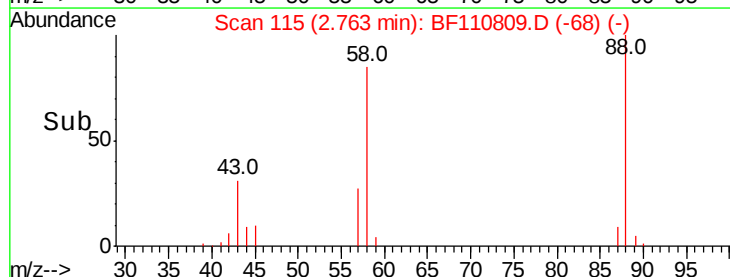
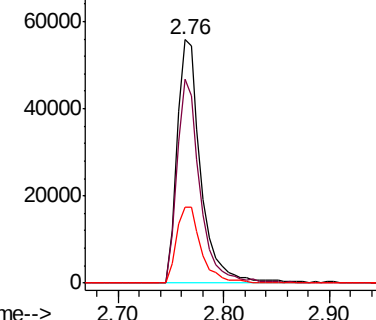


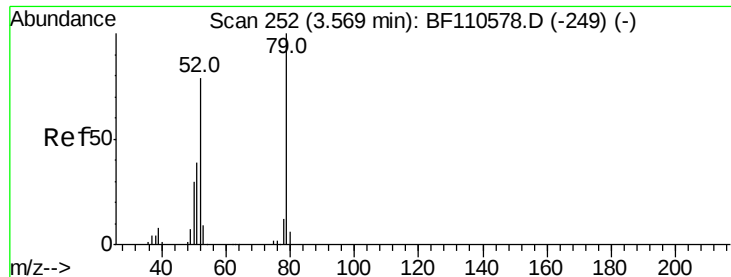
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





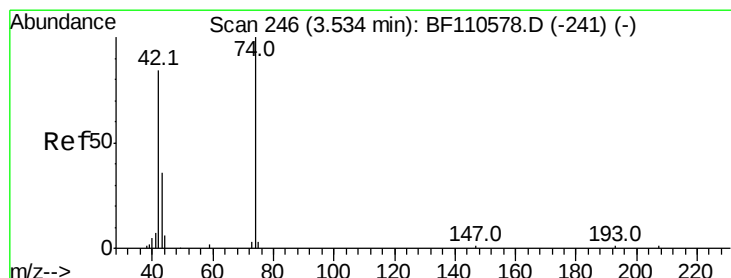
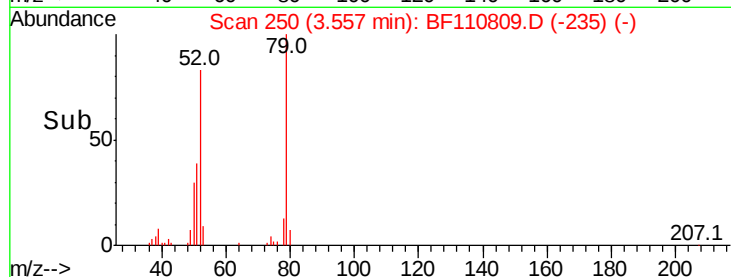
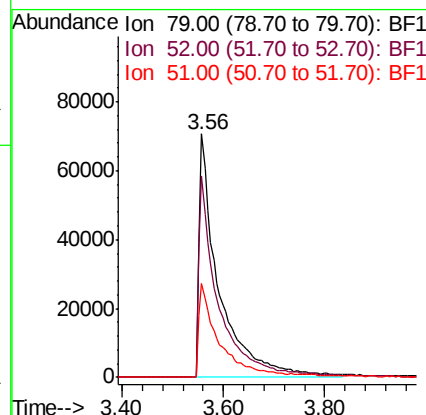
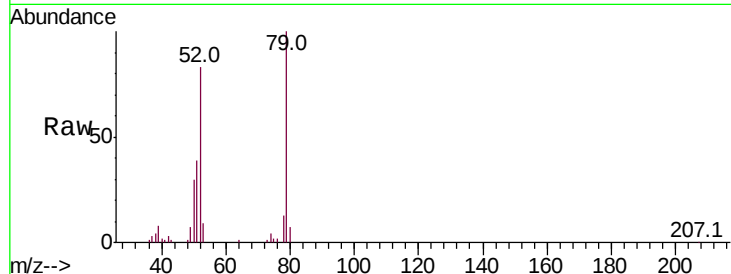
#3
 Pvridine
 Concen: 41.013 ng
 RT: 3.56 min Scan# 250
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 191946
 Ion Ratio Lower Upper
 79 100
 52 82.7 53.1 79.7#
 51 38.7 27.4 41.2

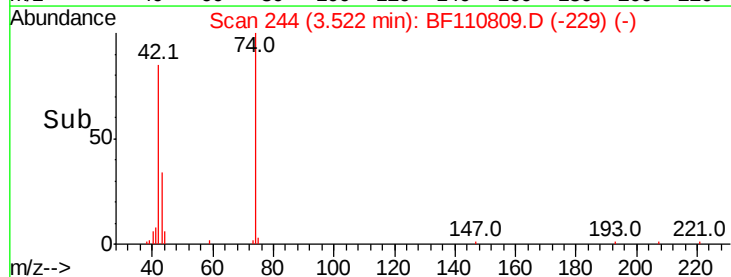
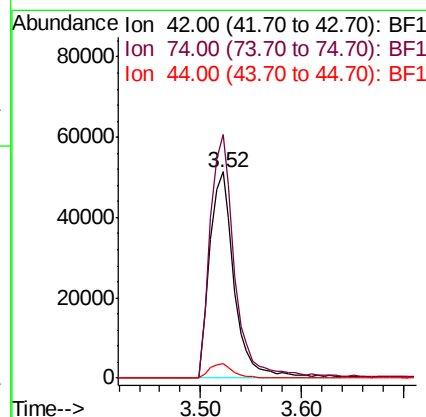
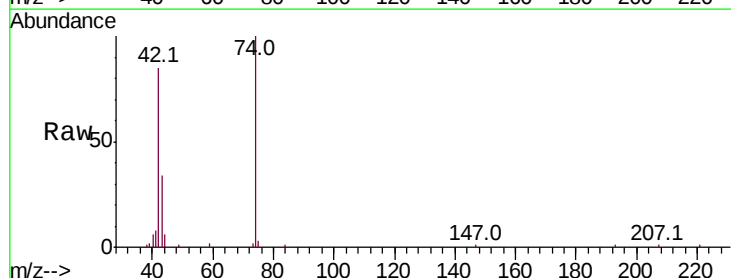
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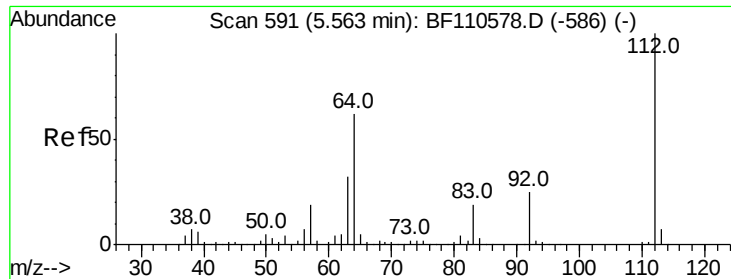
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#4
 n-Nitrosodimethylamine
 Concen: 43.459 ng
 RT: 3.52 min Scan# 244
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion: 42 Resp: 87271
 Ion Ratio Lower Upper
 42 100
 74 118.1 105.5 158.3
 44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 84.123 ng

RT: 5.56 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

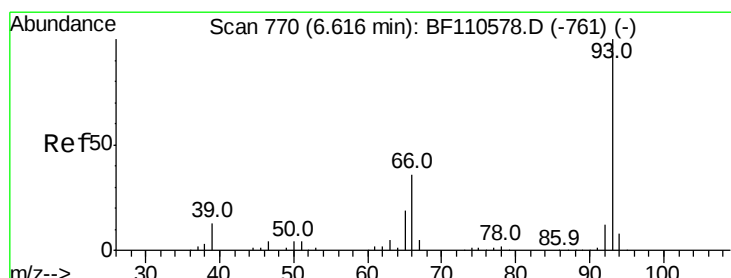
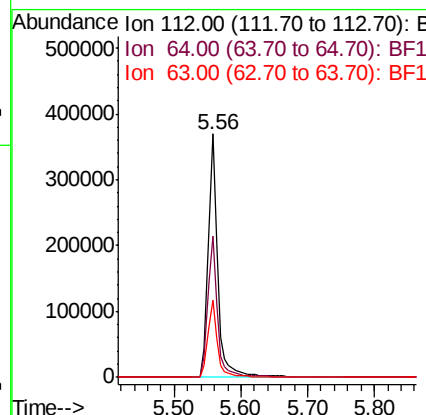
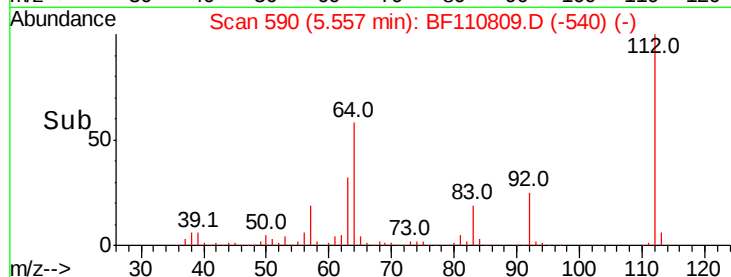
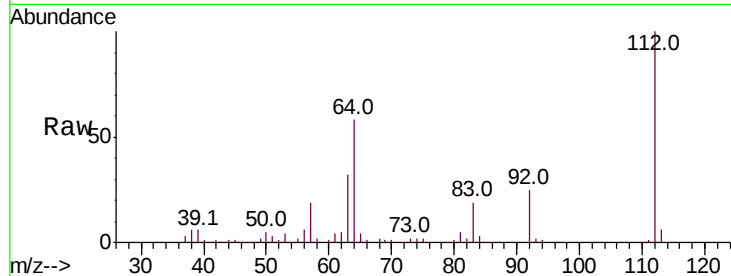
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.2	44.1	66.1
63	31.5	23.7	35.5

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#6

Aniline

Concen: 39.245 ng

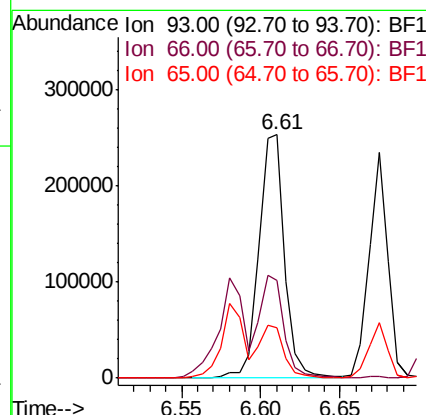
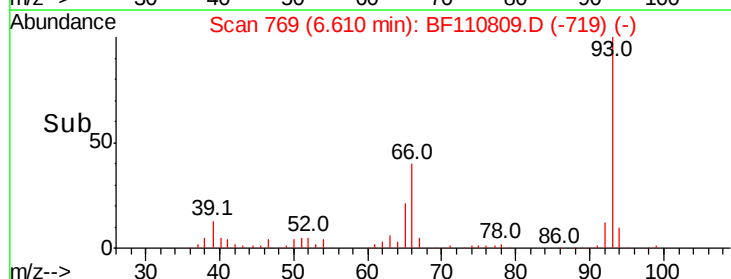
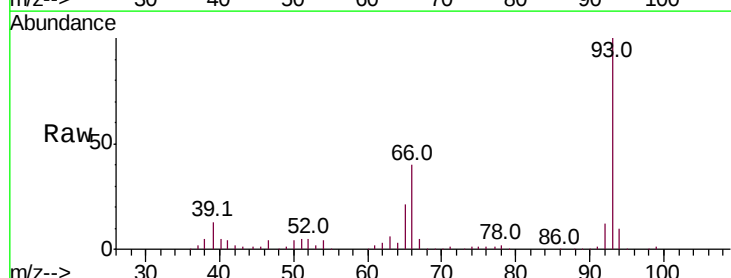
RT: 6.61 min Scan# 769

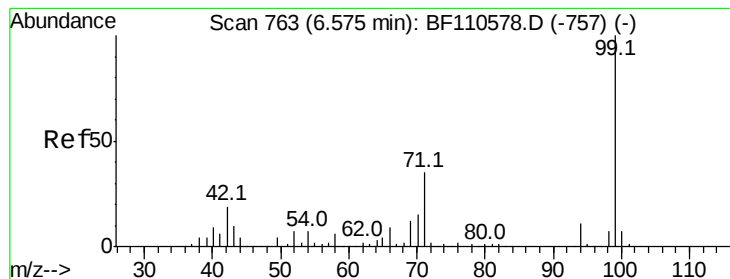
Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.3	67.4	101.0#
65	20.7	41.0	61.4#





#7

Phenol-d6

Concen: 81.305 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

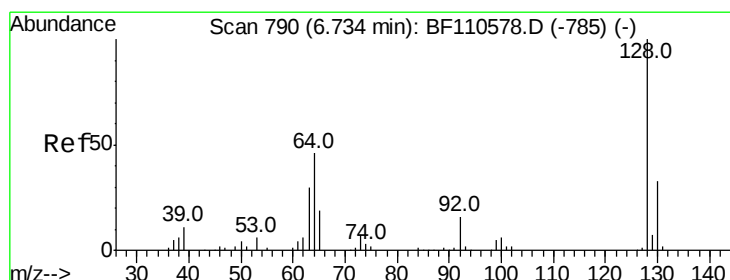
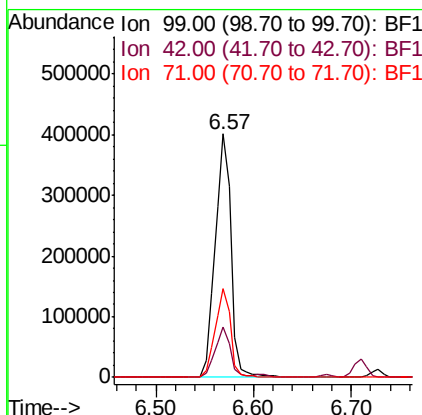
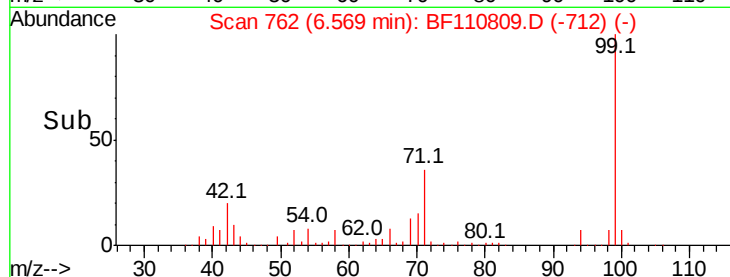
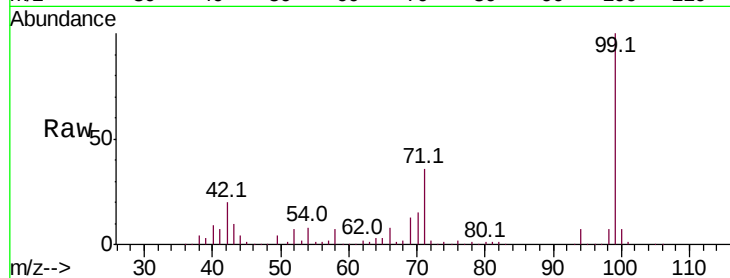
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	452433
Ion Ratio	Lower	Upper	
99	100		
42	20.4	15.8	23.6
71	36.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 40.901 ng

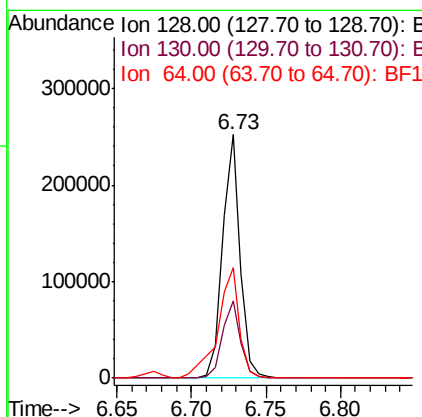
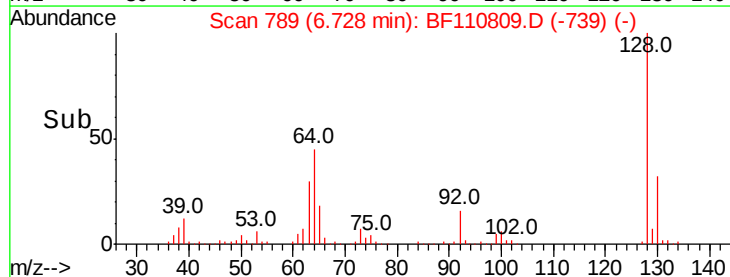
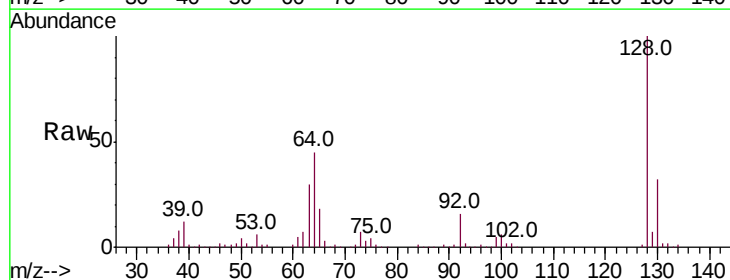
RT: 6.73 min Scan# 789

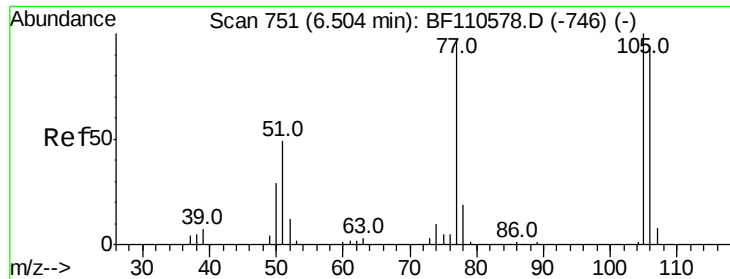
Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion:	128	Resp:	208652
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.1	53.1
64	45.2	26.0	66.0





#9

Benzaldehyde

Concen: 41.996 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110809.D

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Instrument :

BNA_F

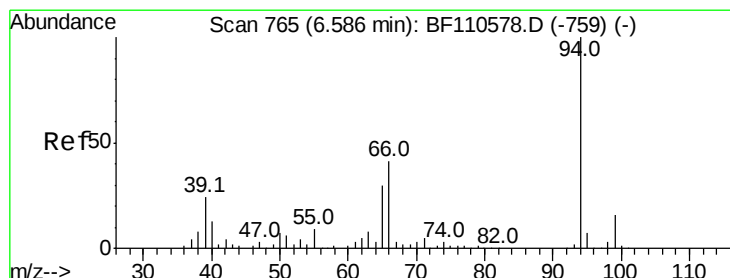
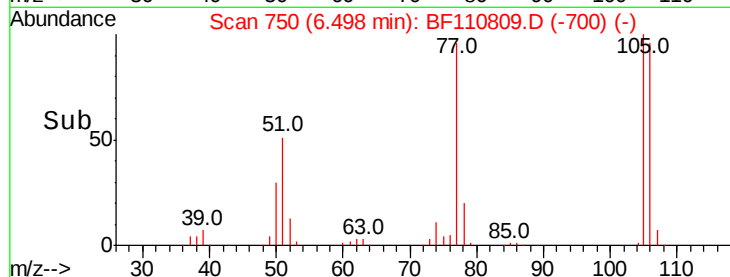
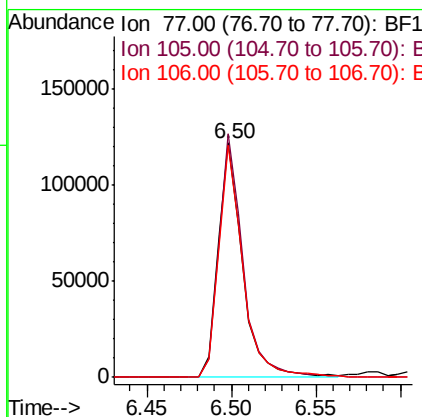
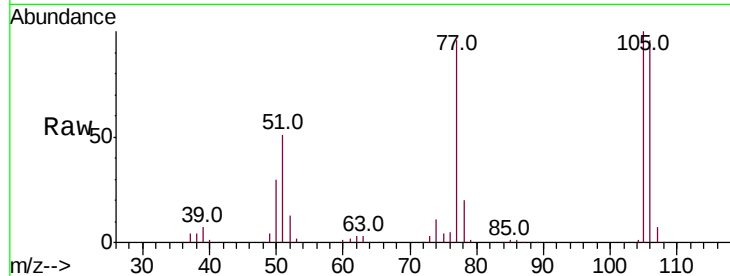
ClientSampleId :

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Tot Ion:	77	Resp:	123896
Ion Ratio	Lower	Upper	
77	100		
105	103.9	78.6	118.6
106	99.2	74.8	114.8

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#10

Phenol

Concen: 40.464 ng

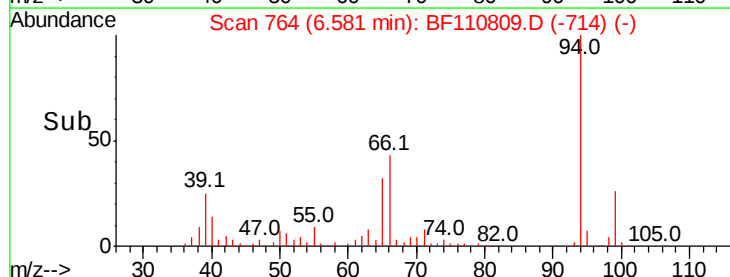
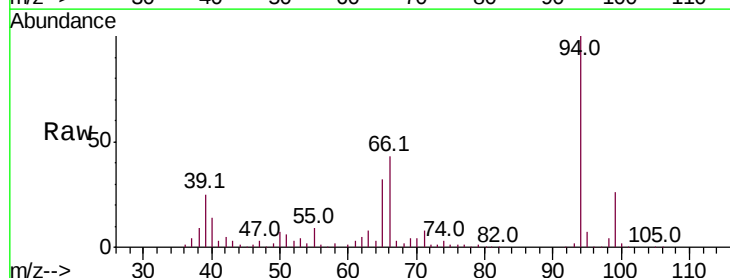
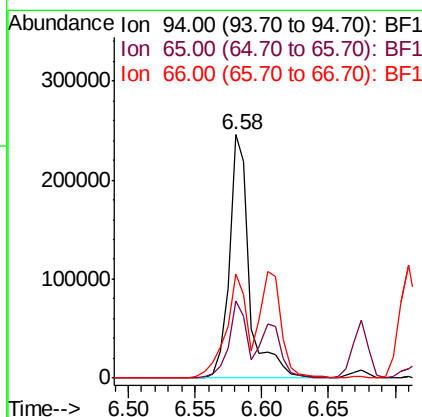
RT: 6.58 min Scan# 764

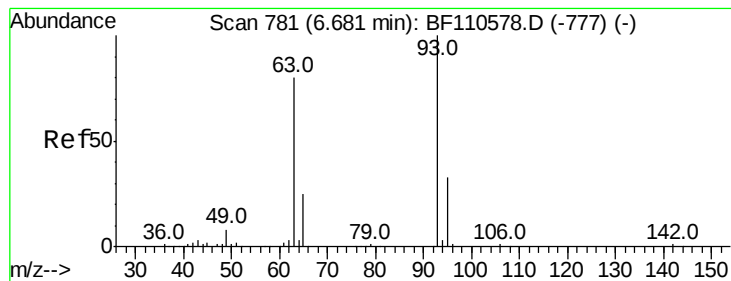
Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion:	94	Resp:	261096
Ion Ratio	Lower	Upper	
94	100		
65	31.5	25.3	65.3
66	42.6	54.5	94.5#





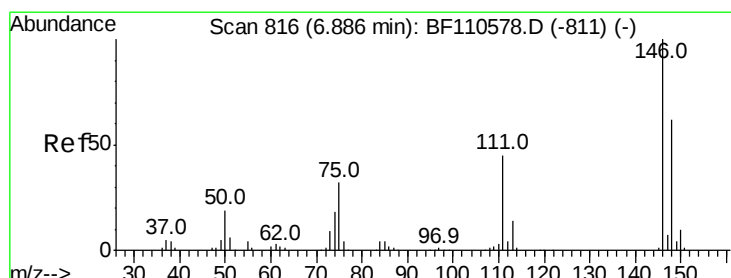
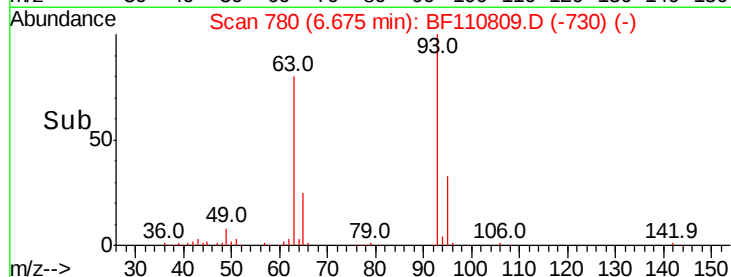
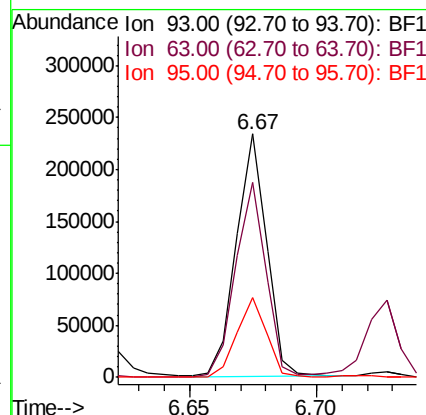
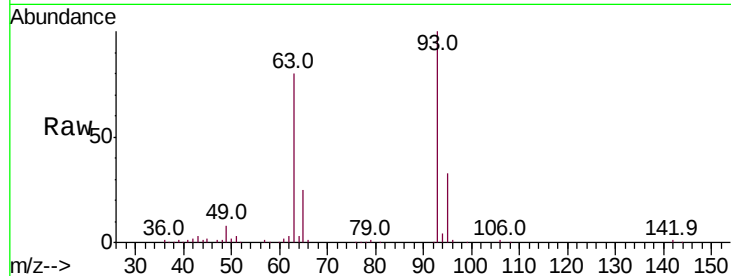
#11
bis(2-Chloroethyl)ether
Concen: 39.817 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	53.4	93.4
95	32.7	12.1	52.1

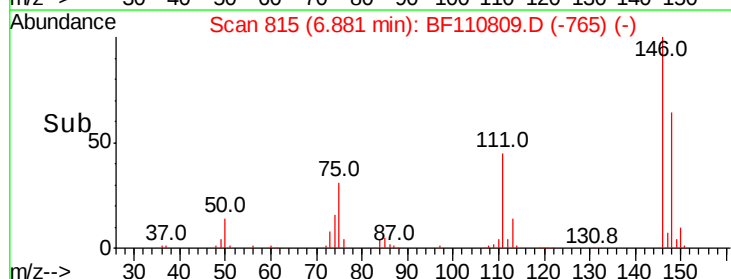
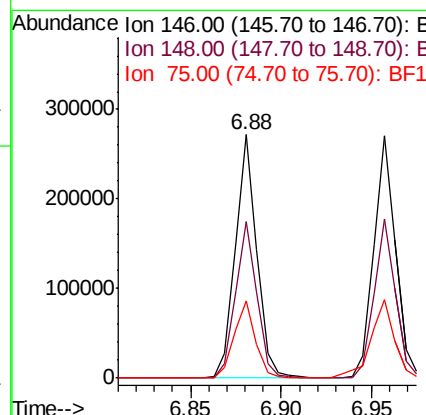
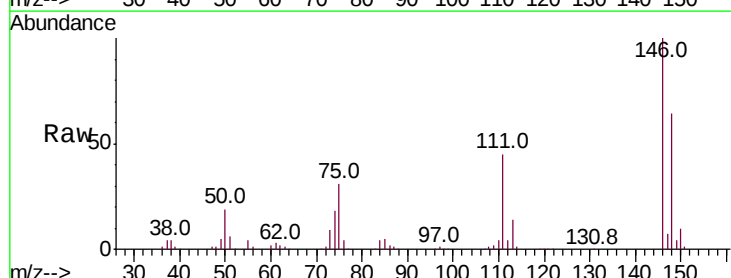
Manual Integrations
APPROVED

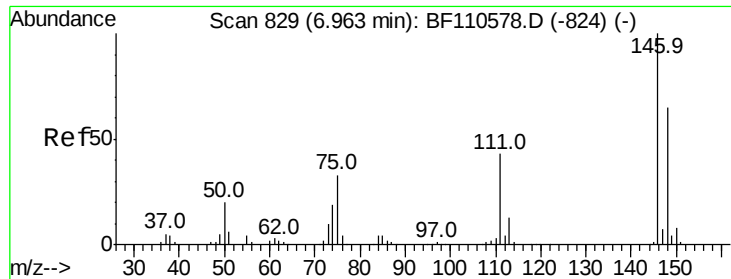
Sohil
11/19/2018 11:55:34 AM



#12
1,3-Dichlorobenzene
Concen: 40.303 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	31.5	25.8	38.6





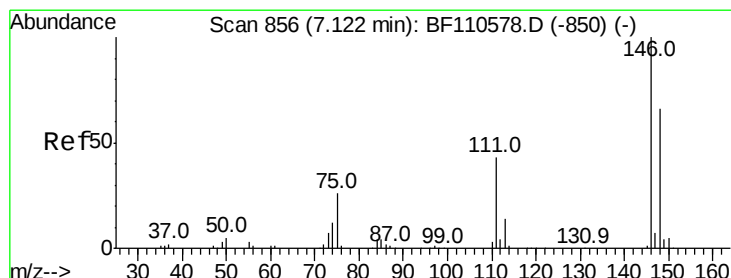
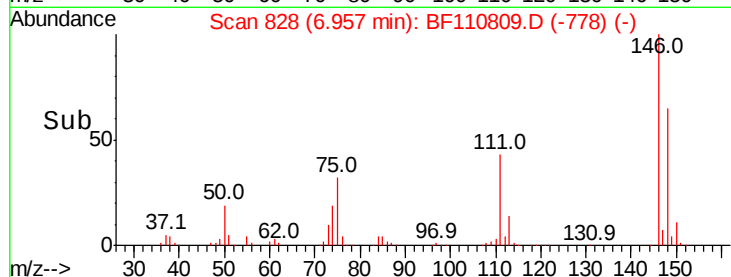
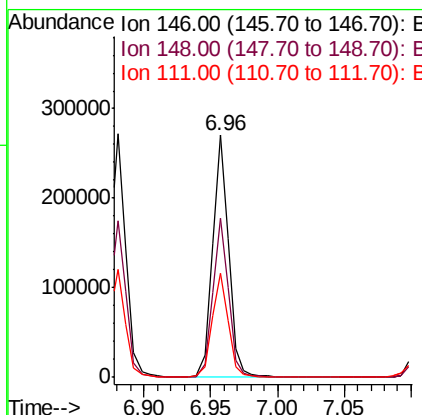
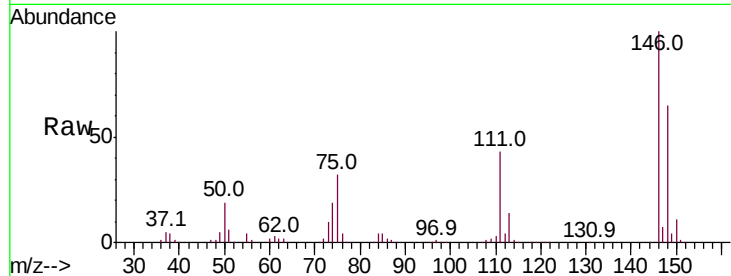
#13
 1,4-Dichlorobenzene
 Concen: 40.563 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.3	75.5
111	43.3	32.7	49.1

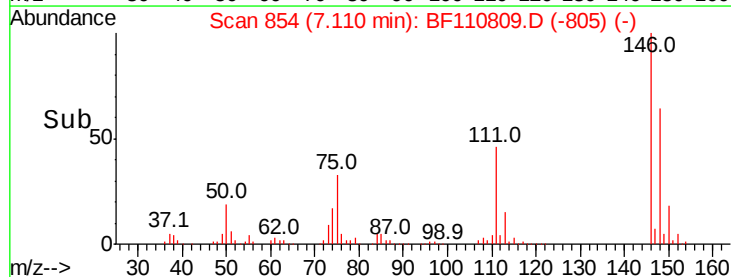
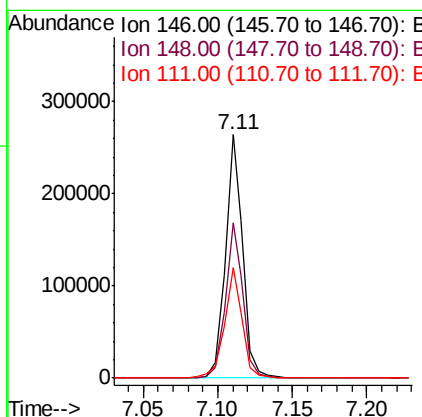
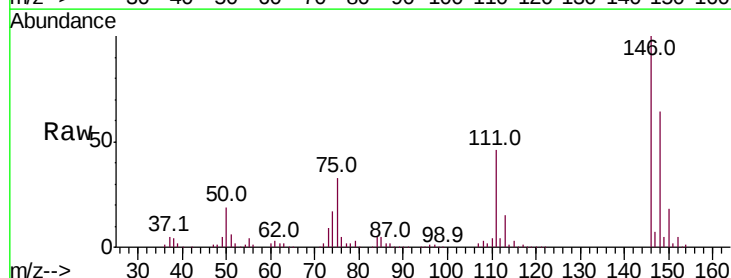
Manual Integrations
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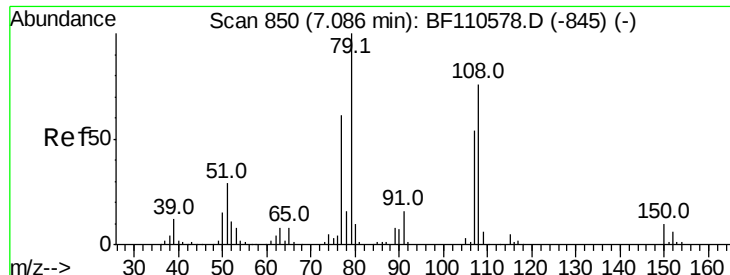
Sohil
 11/19/2018 11:55:34 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.945 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	45.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 41.067 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 178834

Ion Ratio Lower Upper

79 100

108 78.7 56.3 84.5

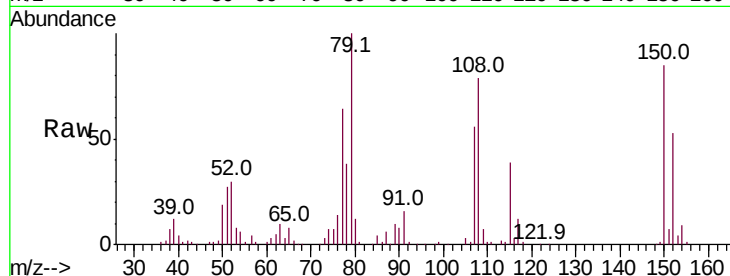
77 63.6 52.9 79.3

Manual Integrations

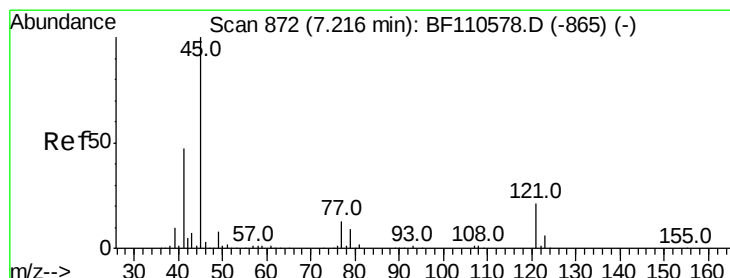
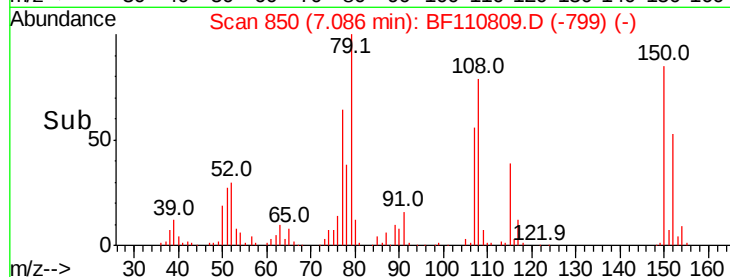
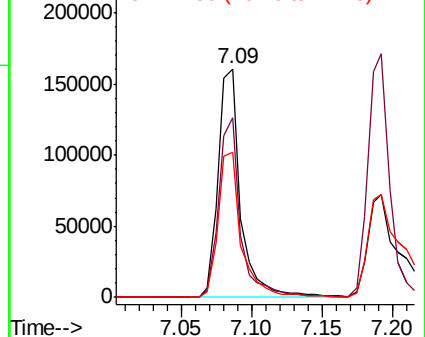
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.294 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

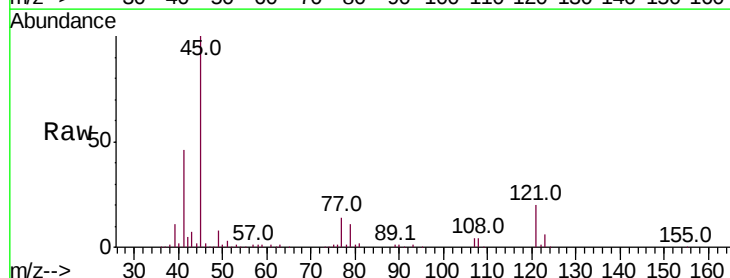
Tgt Ion: 45 Resp: 305990

Ion Ratio Lower Upper

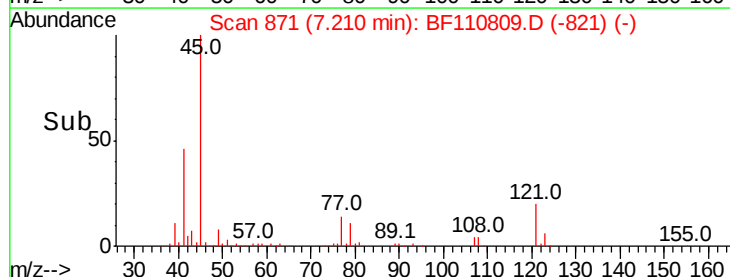
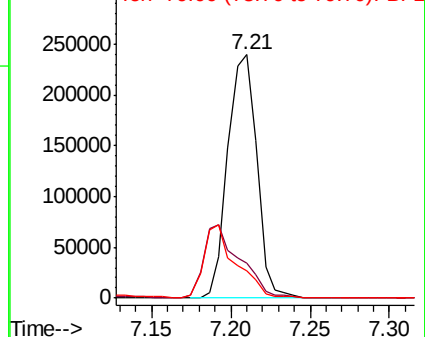
45 100

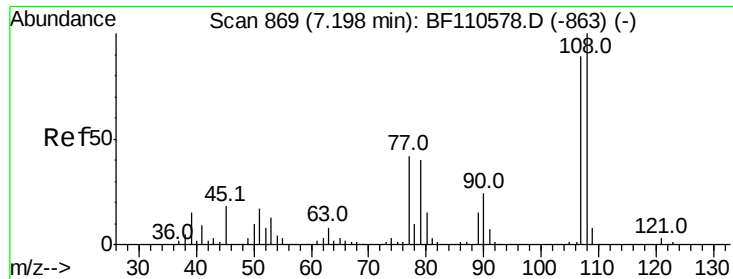
77 14.1 10.0 50.0

79 11.4 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





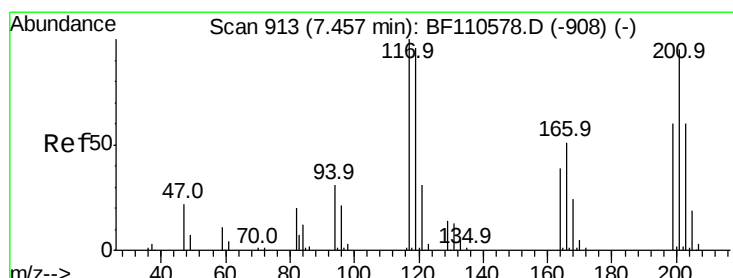
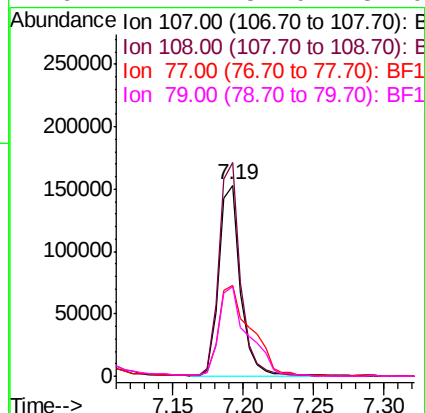
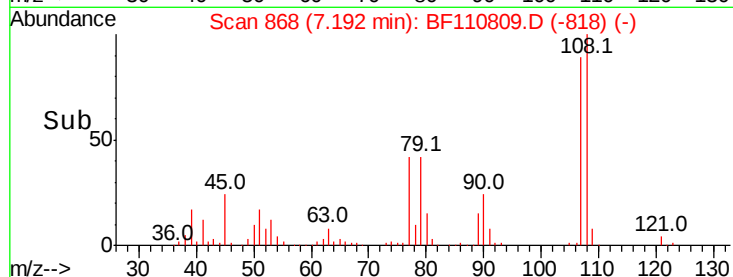
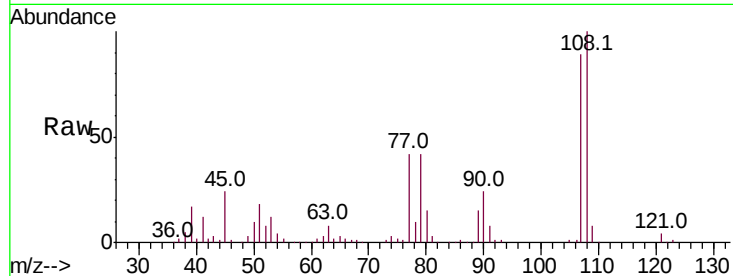
#17
2-Methylphenol
Concen: 40.117 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	92.6	138.8
77	47.4	59.4	89.2#
79	47.1	54.0	81.0#

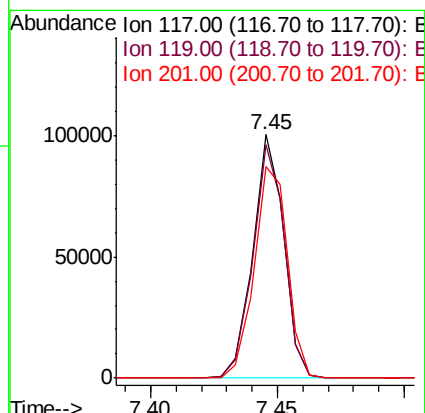
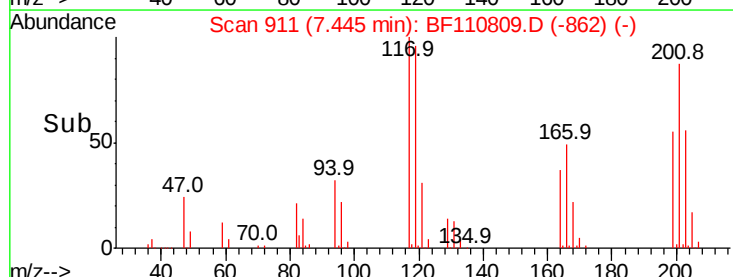
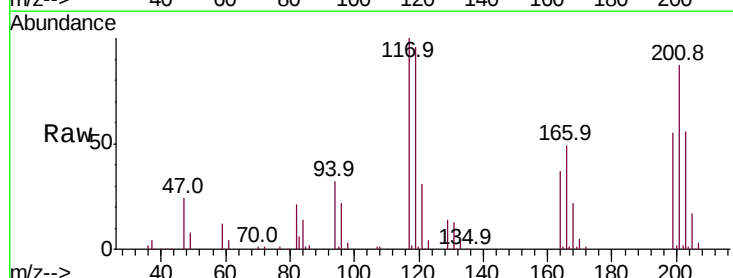
Manual Integrations
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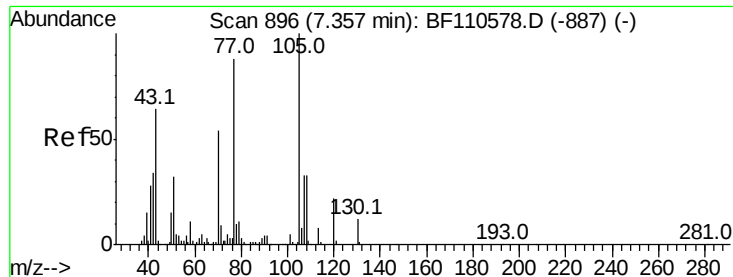
Sohil
11/19/2018 11:55:34 AM



#18
Hexachloroethane
Concen: 40.857 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
201	86.9	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.771 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

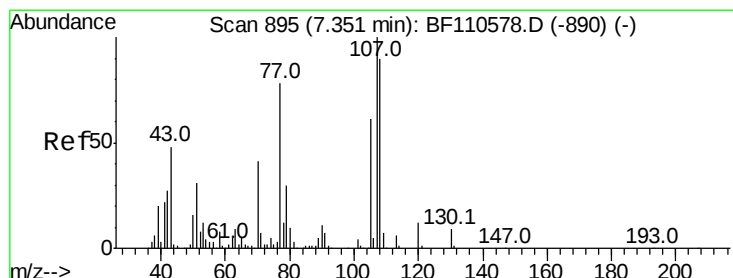
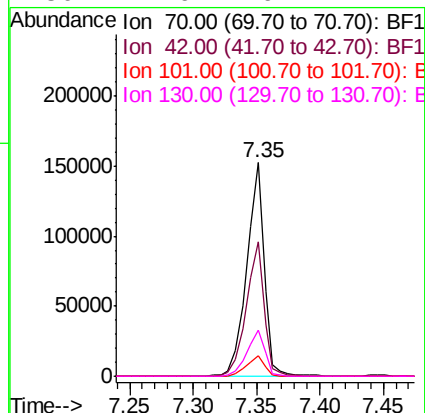
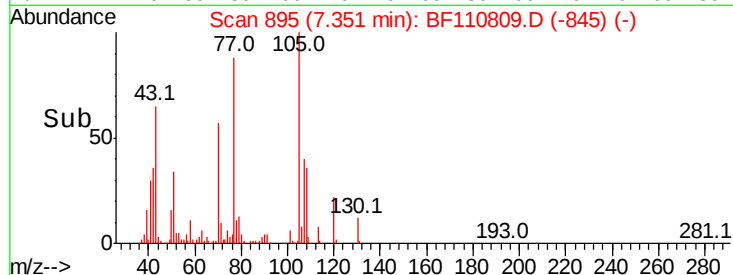
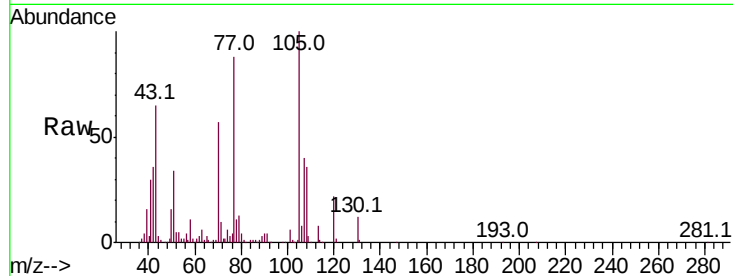
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	47.4	71.2	
101	9.7	7.3	10.9	
130	21.6	16.2	24.2	

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#20

3+4-Methylphenols

Concen: 41.119 ng

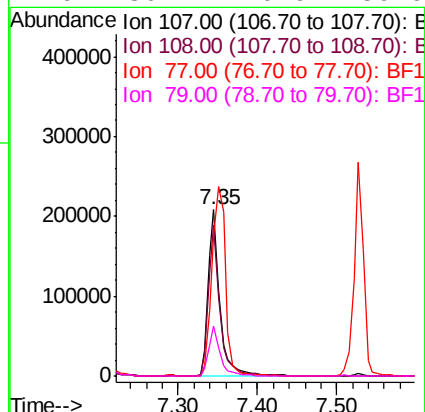
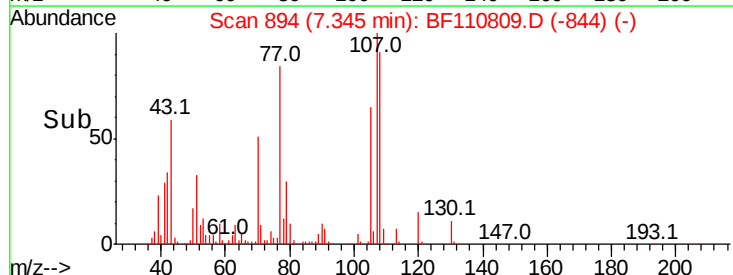
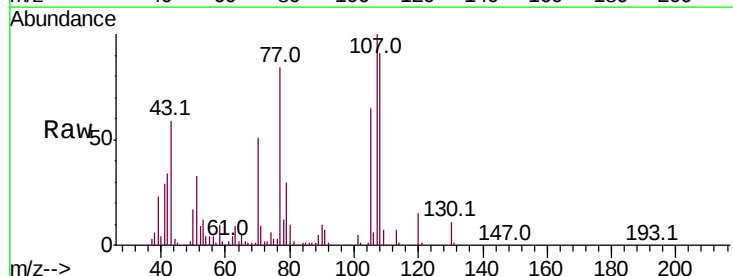
RT: 7.35 min Scan# 894

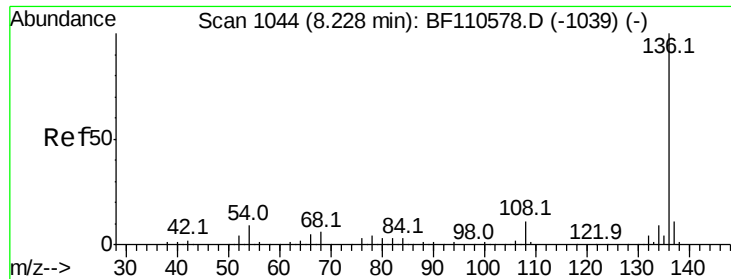
Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	71.4	111.4	
77	83.7	47.3	87.3	
79	30.1	10.9	50.9	





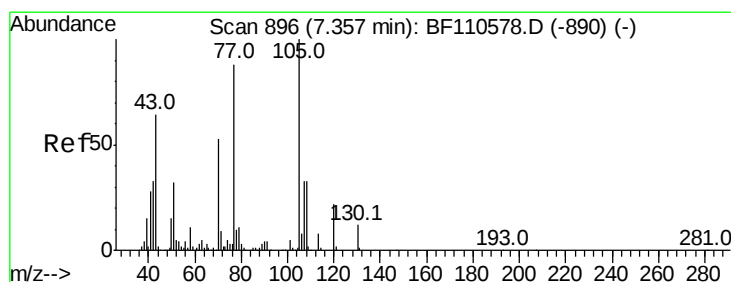
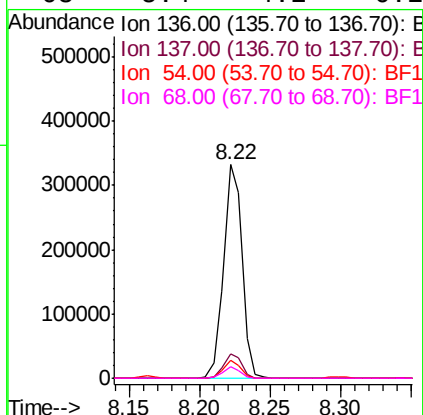
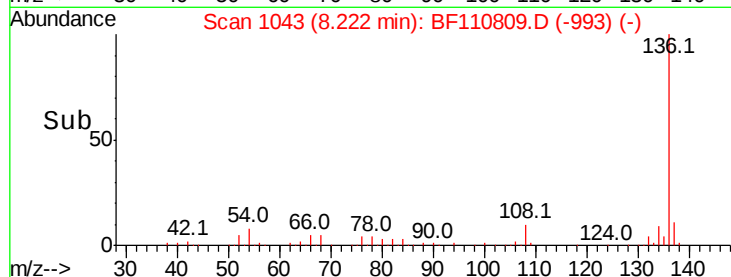
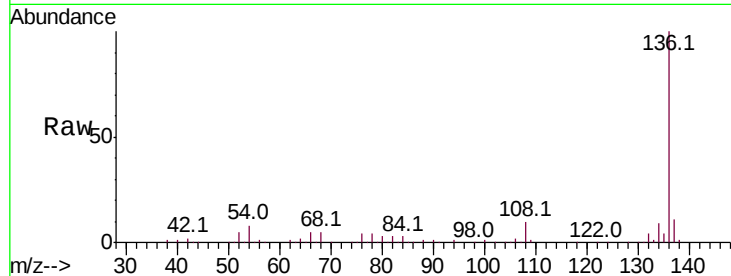
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	8.4	5.4	8.2#	
68	5.4	4.2	6.2	

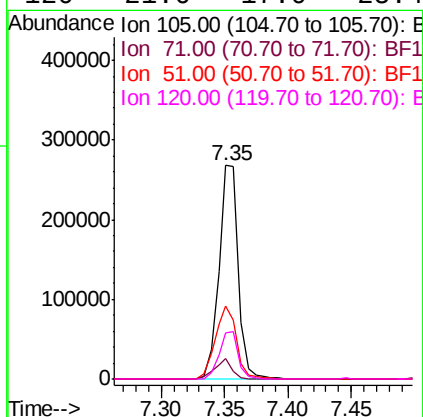
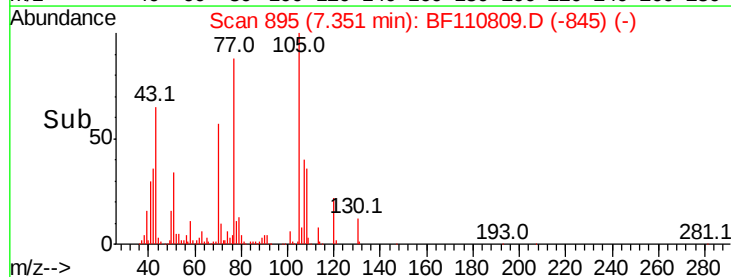
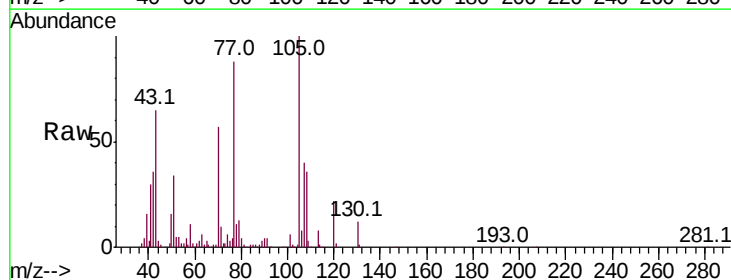
Manual Integrations
APPROVED

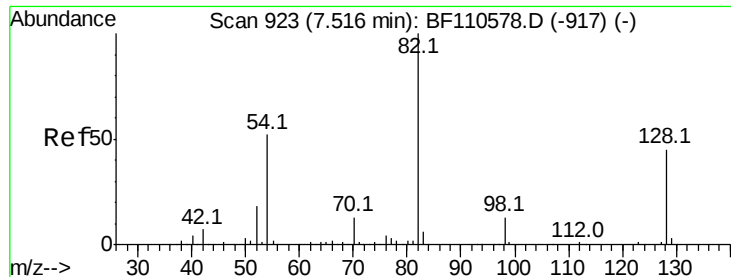
Sohil
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#22
Acetophenone
Concen: 40.480 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.7	5.2	7.8#	
51	34.0	21.8	32.8#	
120	21.6	17.0	25.4	





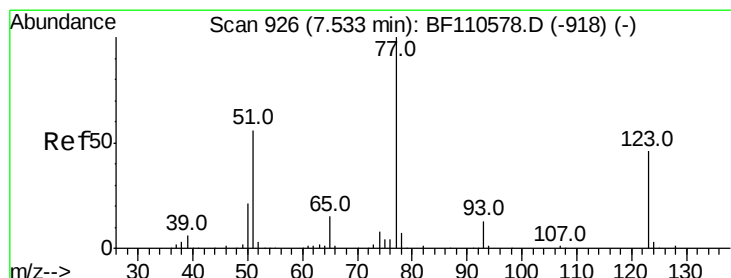
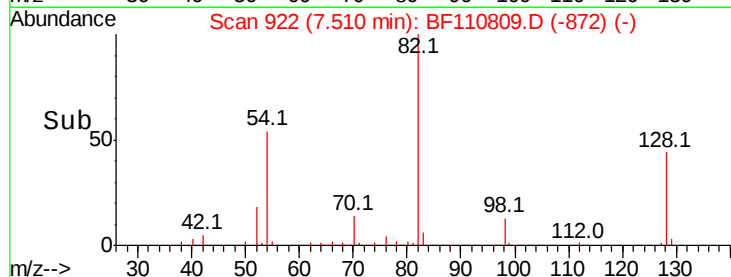
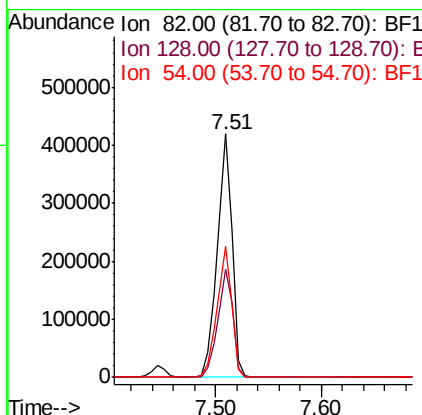
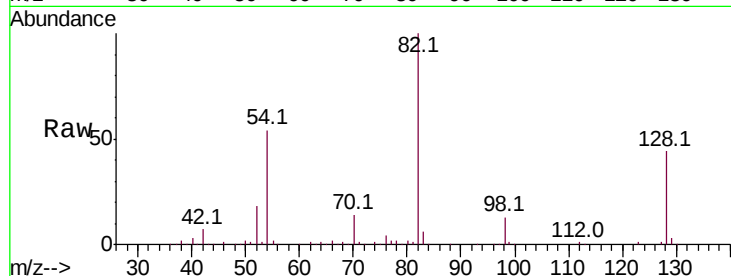
#23
 Nitrobenzene-d5
 Concen: 80.910 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.8	38.6	58.0

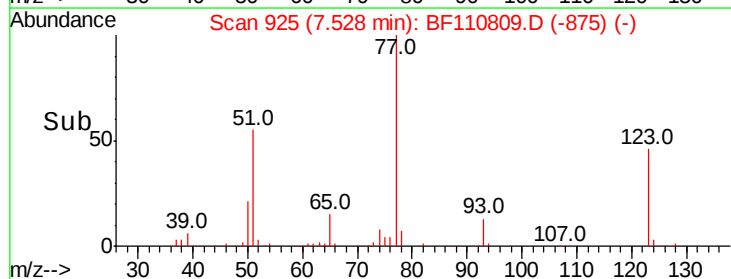
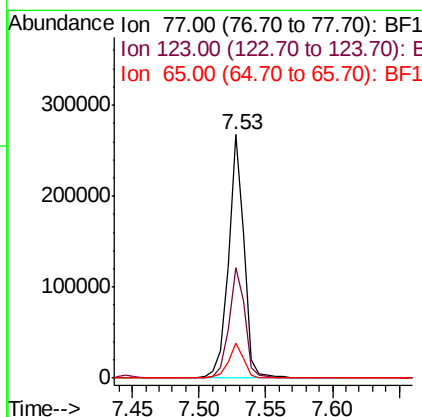
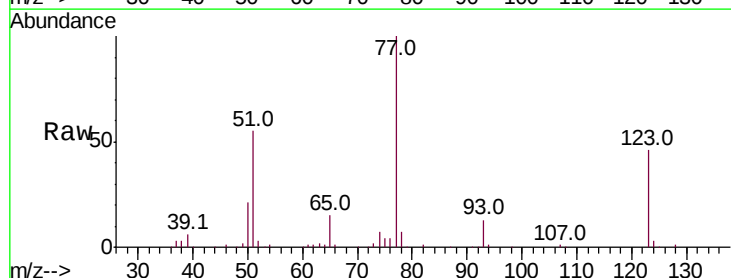
Manual Integrations
 APPROVED

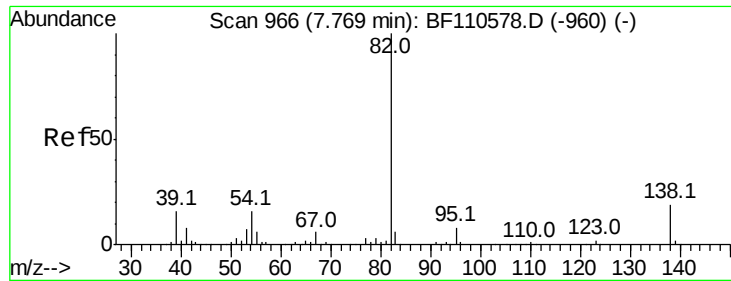
Sohil
 11/19/2018 11:55:34 AM



#24
 Nitrobenzene
 Concen: 40.507 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.7	53.5
65	14.6	10.7	16.1





#25

Isophorone

Concen: 39.297 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

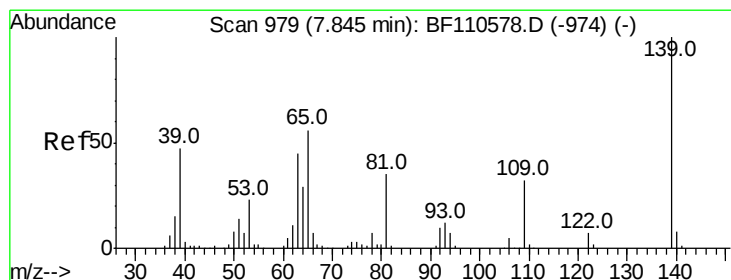
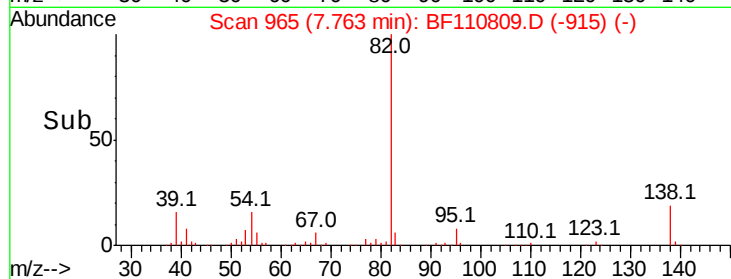
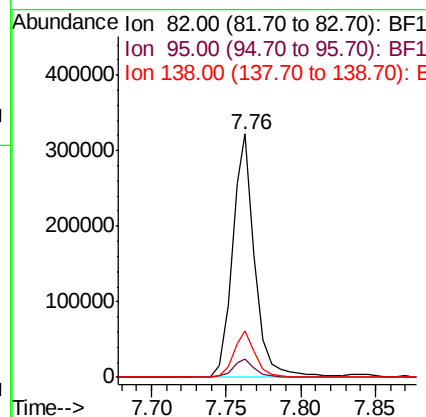
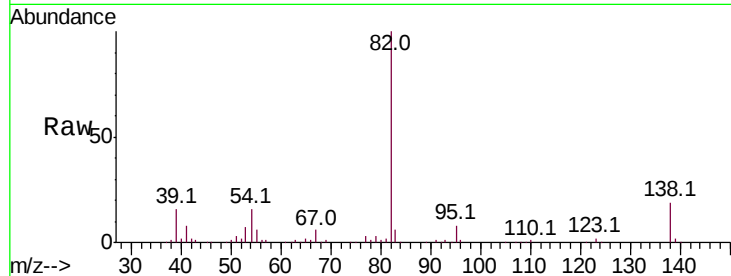
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	337974
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.7	8.5
138	19.2	13.2	19.8

Manual Integrations
APPROVED

Sohil
11/19/2018 11:55:34 AM



#26

2-Nitrophenol

Concen: 41.348 ng

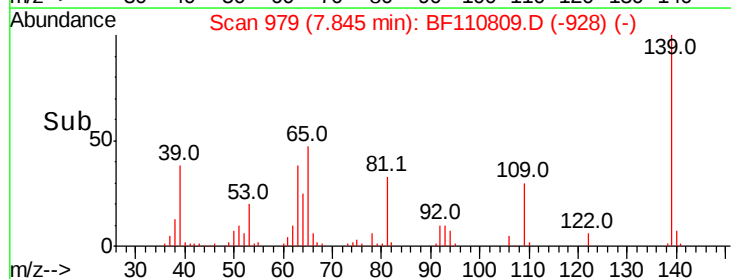
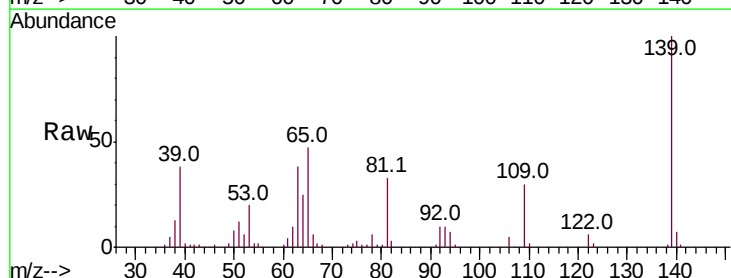
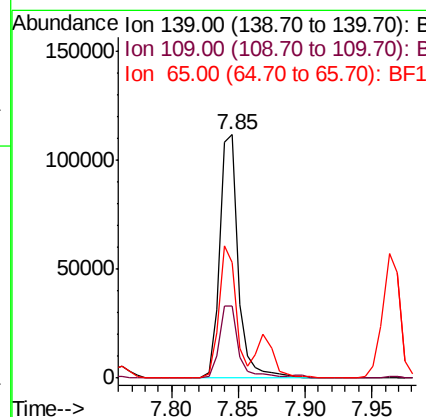
RT: 7.85 min Scan# 979

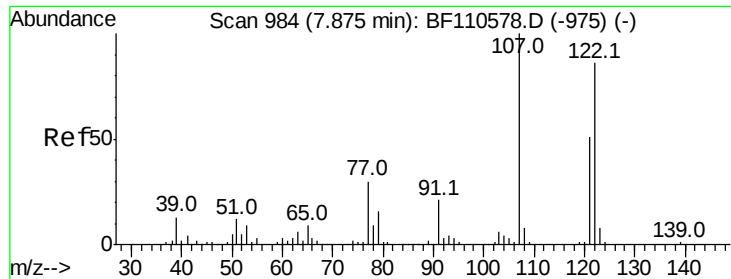
Delta R.T. 0.00 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion:	139	Resp:	110898
Ion Ratio	Lower	Upper	
139	100		
109	29.7	25.0	37.6
65	47.4	44.0	66.0





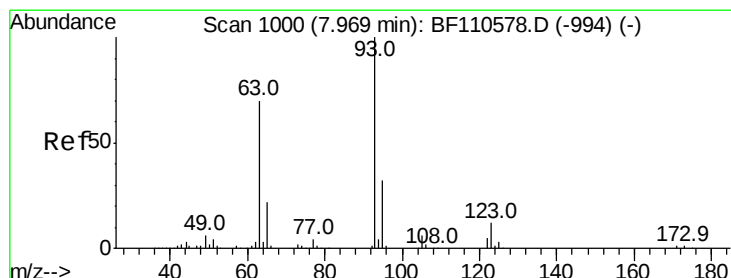
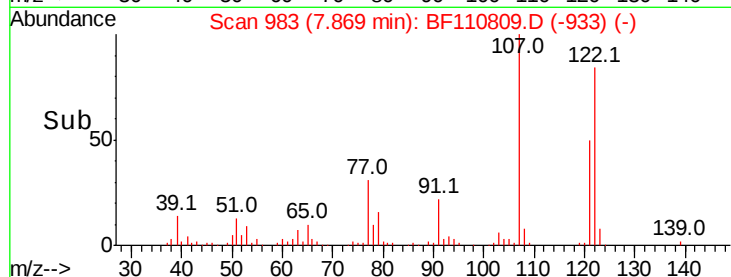
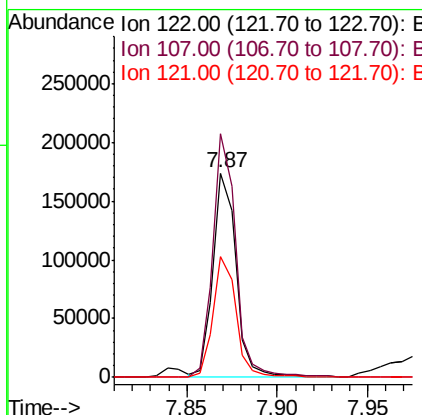
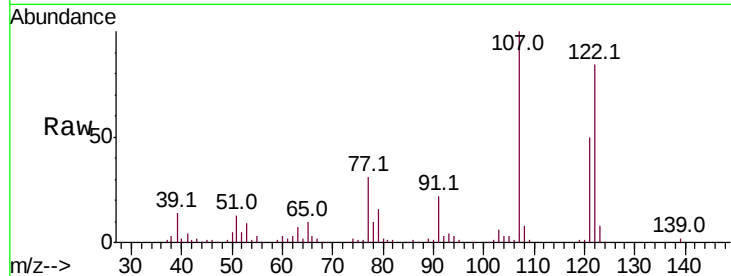
#27
2,4-Dimethylphenol
Concen: 37.356 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.2	92.5	138.7	
121	59.0	45.8	68.8	

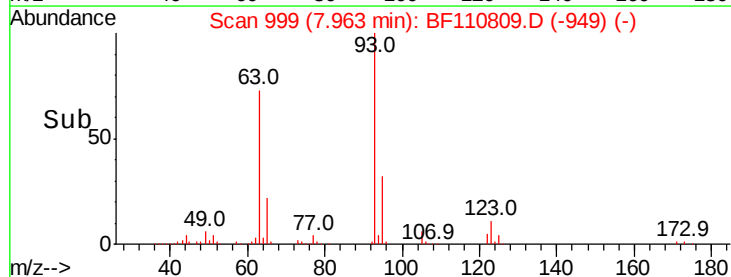
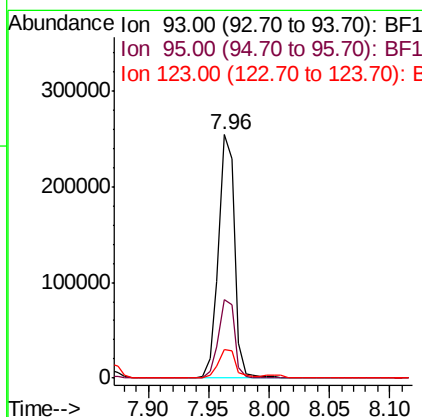
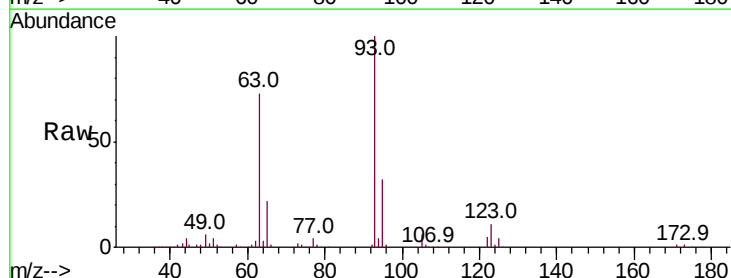
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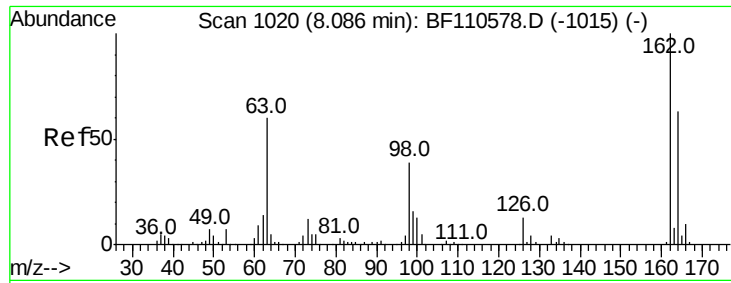
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#28
bis(2-Chloroethoxy)methane
Concen: 39.954 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	26.4	39.6	
123	11.5	9.0	13.6	





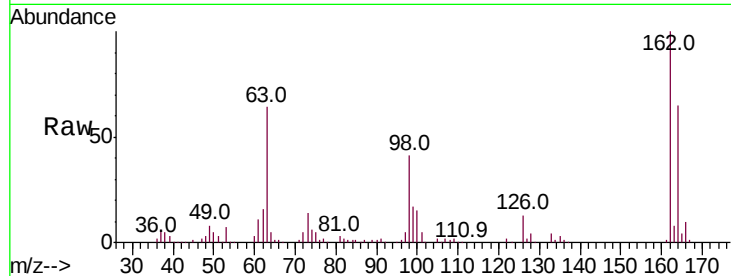
#29
 2,4-Dichlorophenol
 Concen: 41.191 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

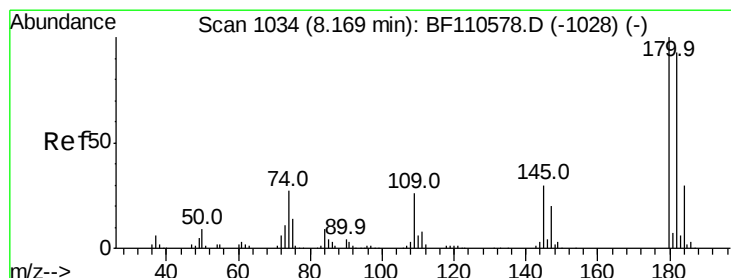
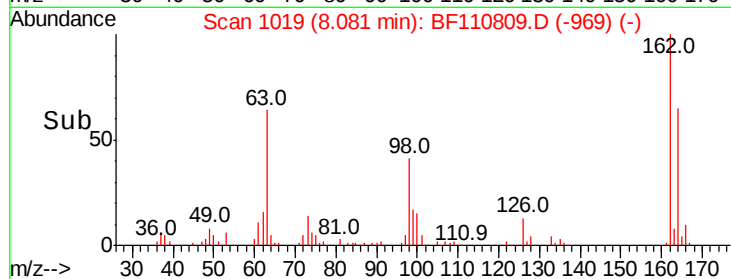
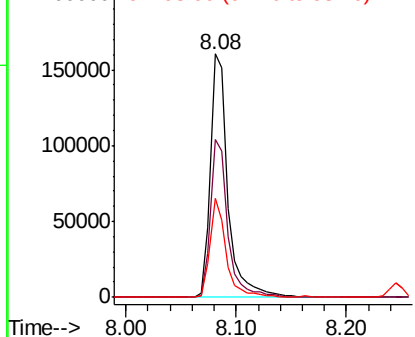
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	40.6	17.4	57.4

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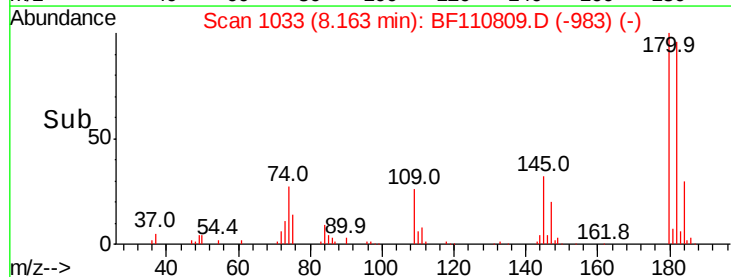
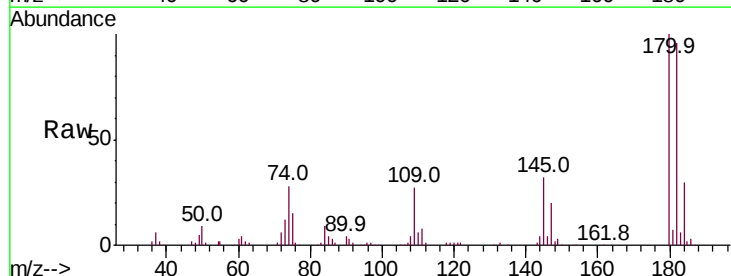
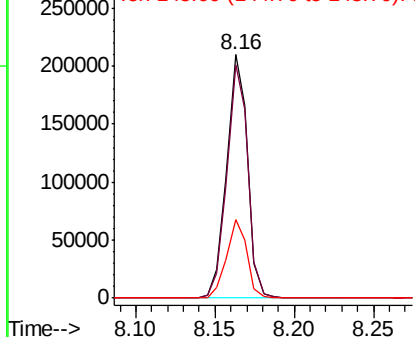
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

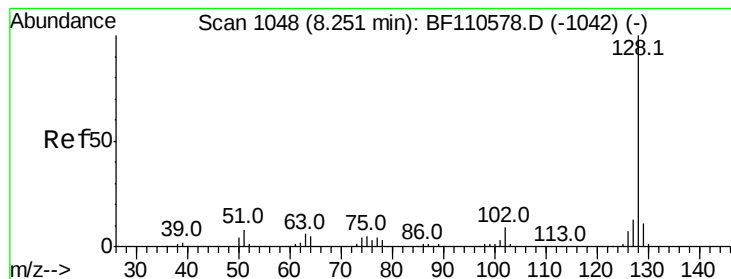


#30
 1,2,4-Trichlorobenzene
 Concen: 40.272 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	80.3	120.5
145	32.4	25.4	38.0

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.852 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

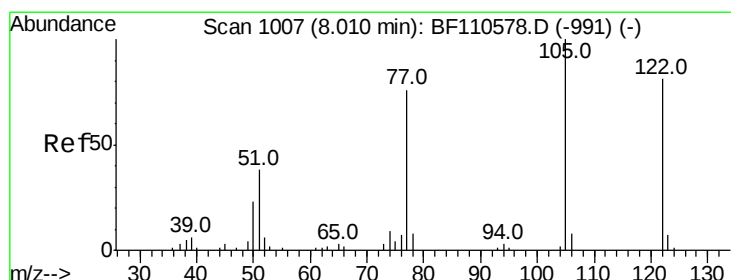
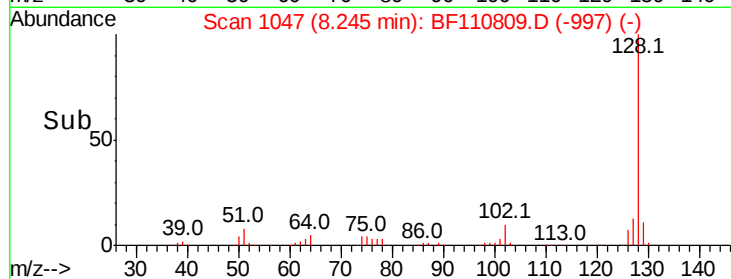
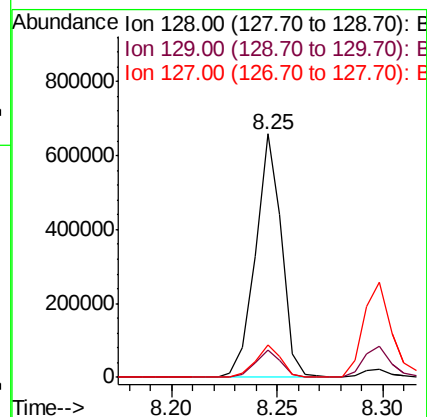
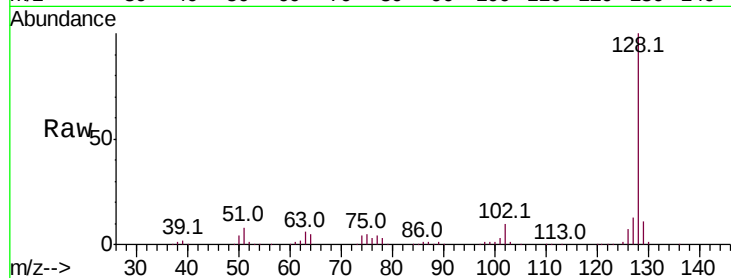
ClientSampleId :

SSTDCCC040

Tot Ion:128	Resp:	565347
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.8 13.2
127	13.1	10.8 16.2

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#32

Benzoic acid

Concen: 38.989 ng m

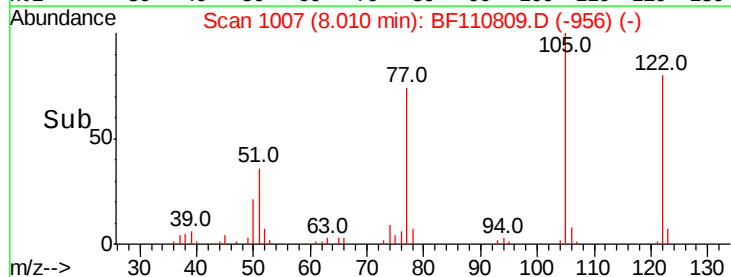
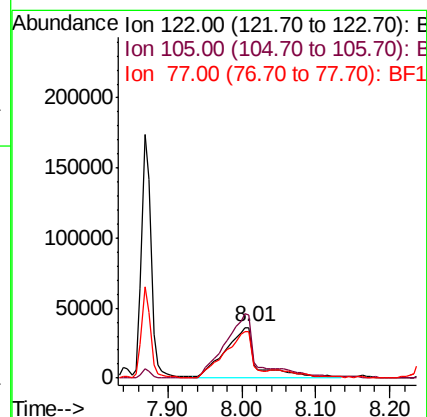
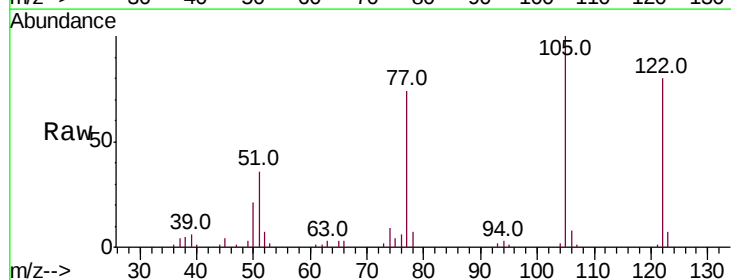
RT: 8.01 min Scan# 1007

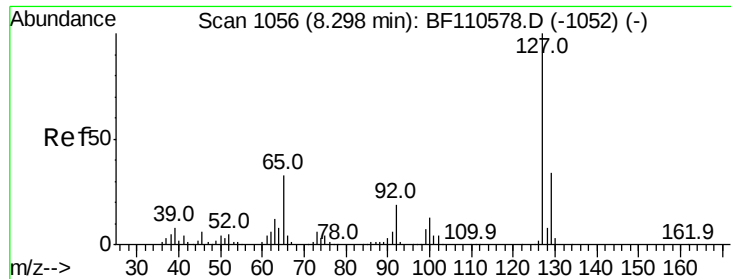
Delta R.T. 0.00 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion:122	Resp:	112679
Ion Ratio	Lower	Upper
122	100	
105	124.4	109.0 149.0
77	92.7	79.0 119.0





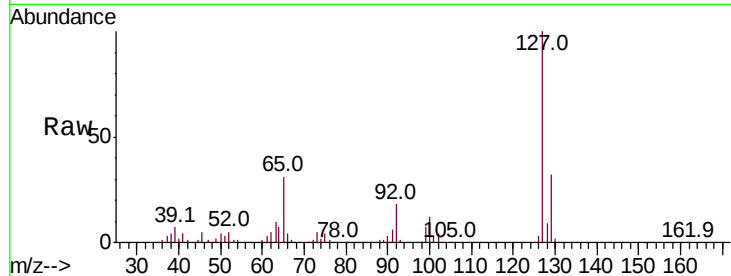
#33
4-Chloroaniline
Concen: 38.902 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

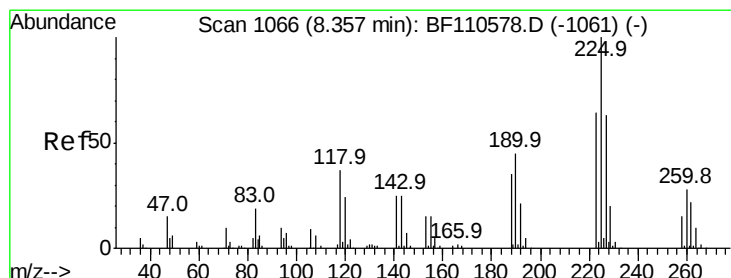
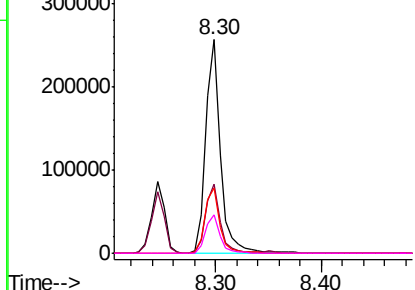
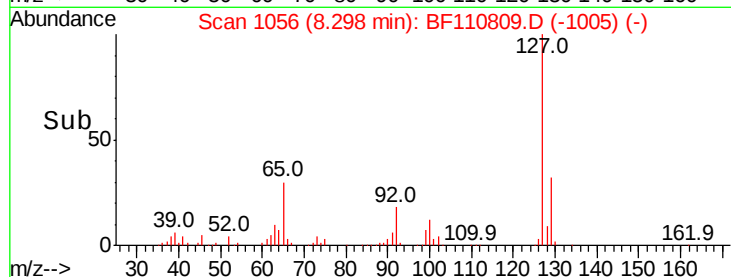
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.0	39.0	
65	30.7	25.1	37.7	
92	18.3	15.0	22.6	

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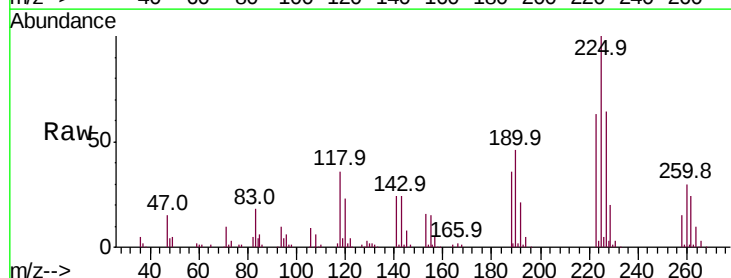


Abundance Ion 127.00 (126.70 to 127.70): E
400000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

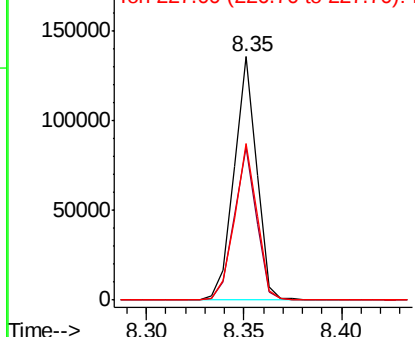
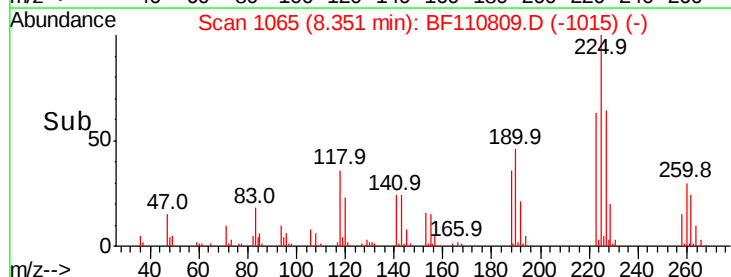


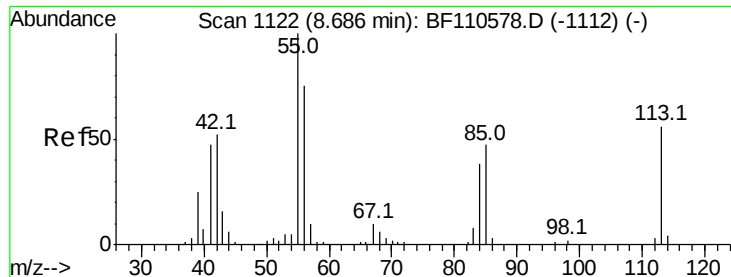
#34
Hexachlorobutadiene
Concen: 40.279 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.4	77.2	
227	64.2	51.0	76.6	



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





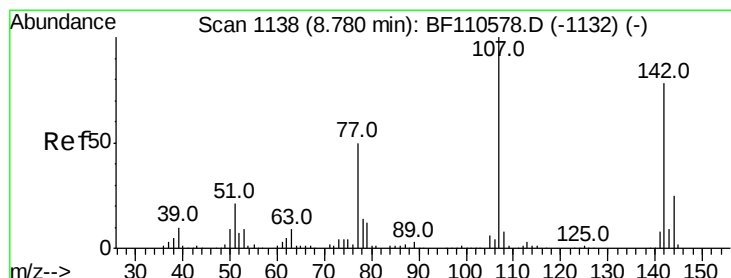
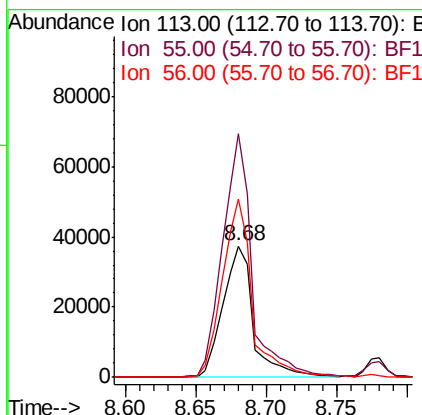
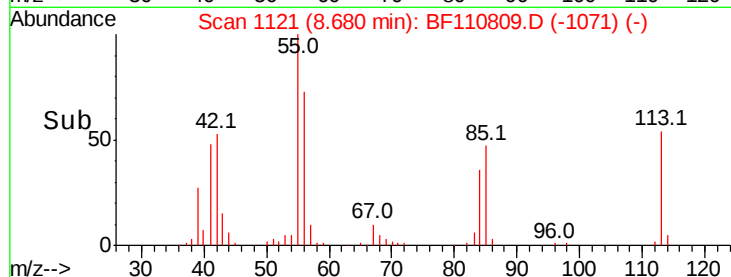
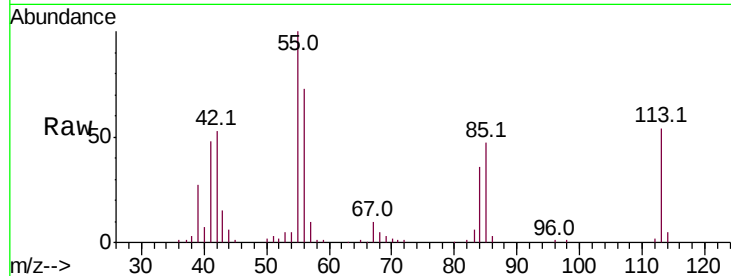
#35
Caprolactam
Concen: 39.842 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 55946
Ion Ratio Lower Upper
113 100
55 185.5 142.8 182.8#
56 135.8 105.0 145.0

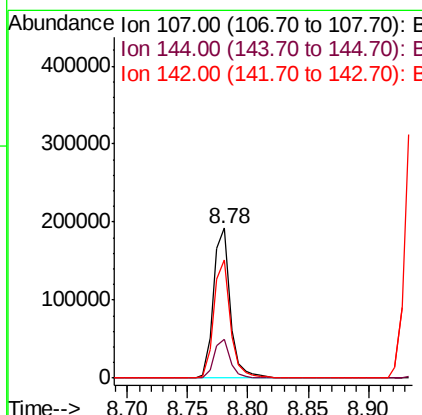
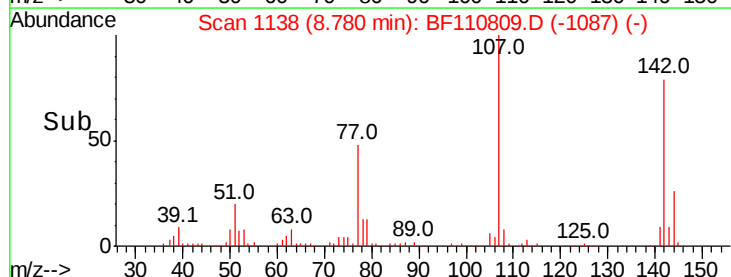
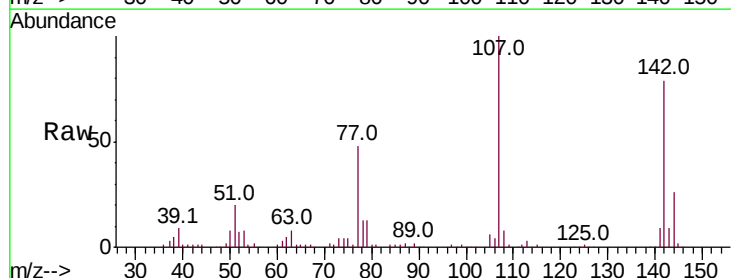
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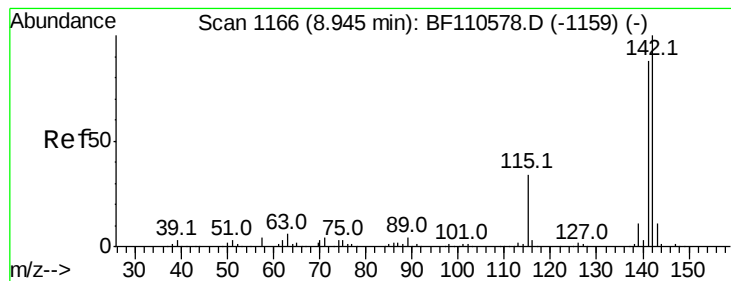
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#36
4-Chloro-3-methylphenol
Concen: 40.532 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion:107 Resp: 183727
Ion Ratio Lower Upper
107 100
144 25.8 20.0 30.0
142 79.0 59.7 89.5





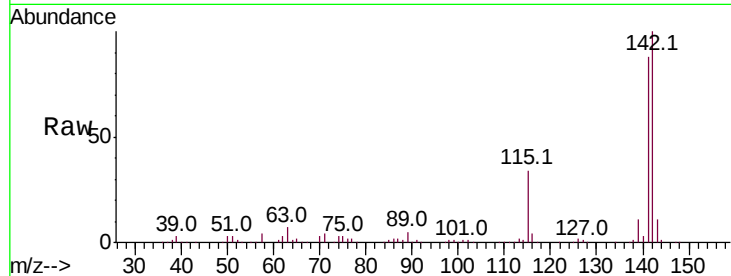
#37
2-Methylnaphthalene
Concen: 40.154 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	34.0	28.7	43.1

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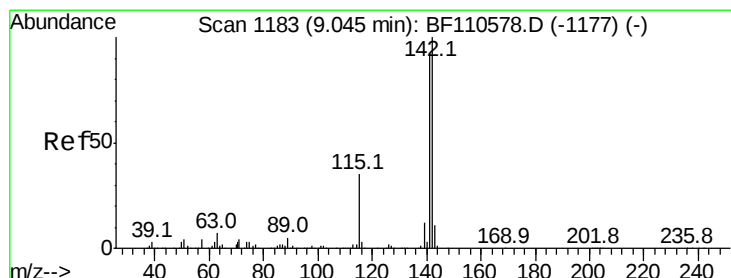
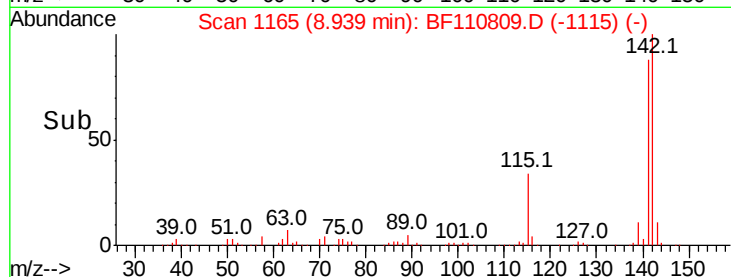
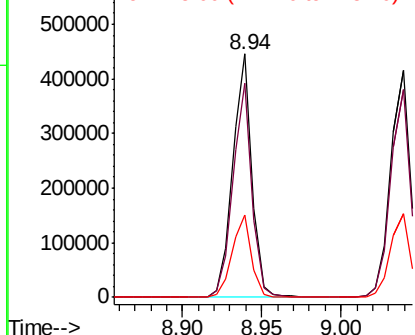


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.056 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

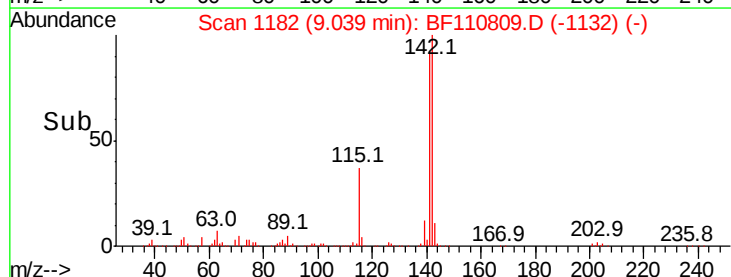
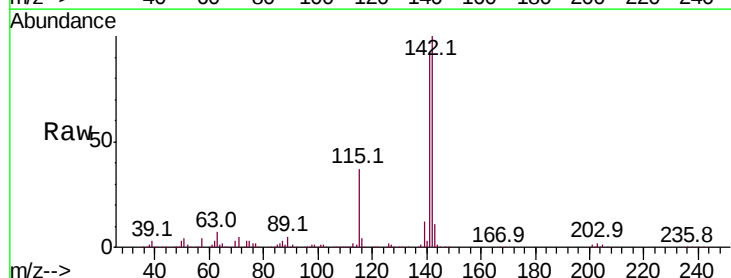
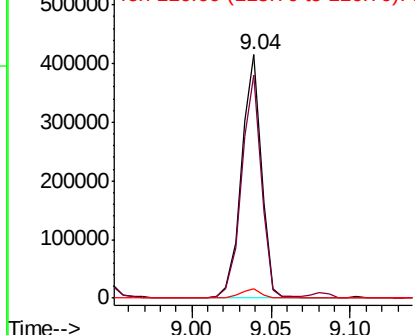
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.6	2.6	4.0

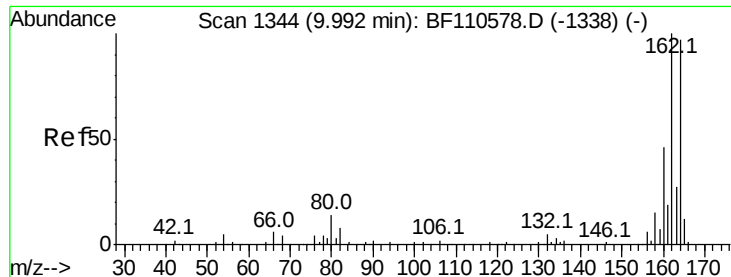
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





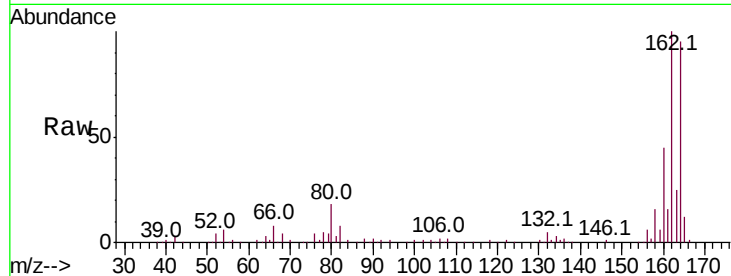
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.1	83.0	124.6	
160	47.1	37.0	55.6	

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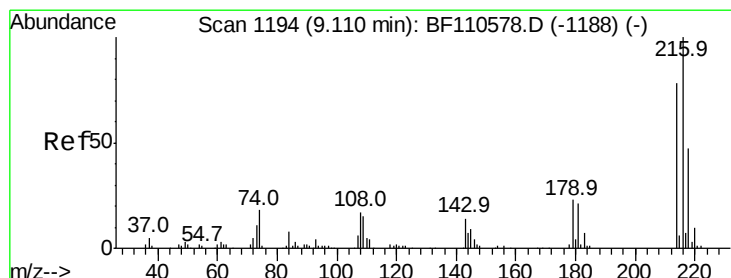
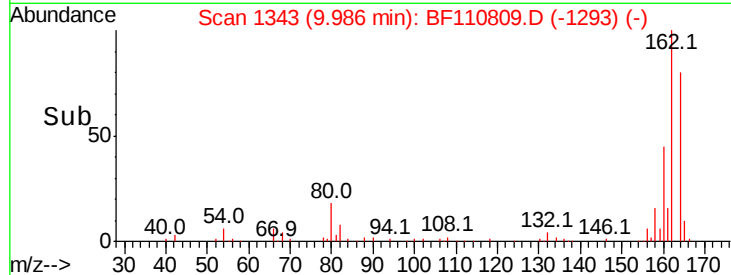
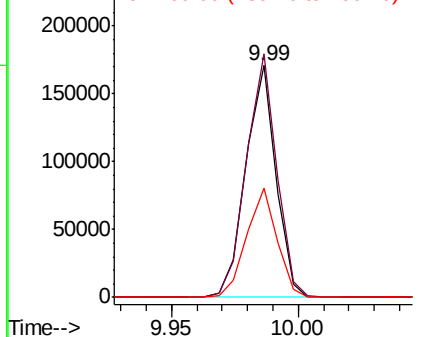


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.524 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	63.8	95.6	
179	23.1	16.6	25.0	
108	19.2	15.1	22.7	

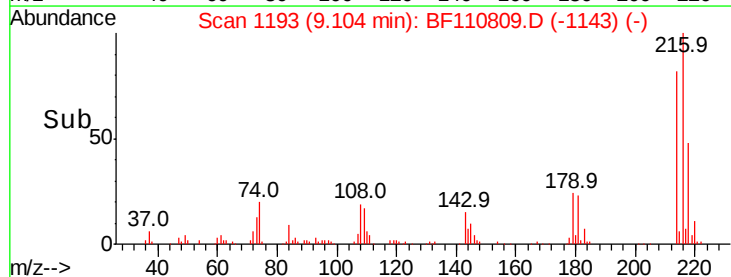
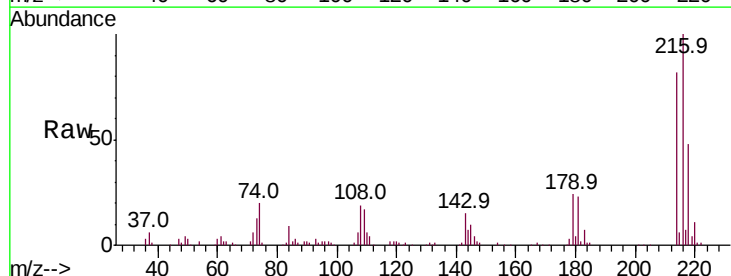
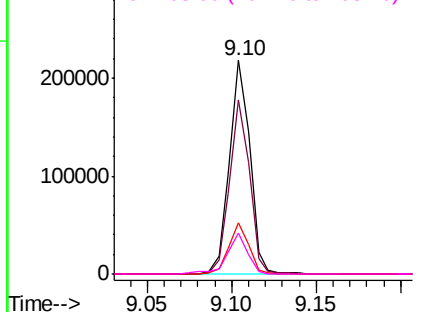
Abundance

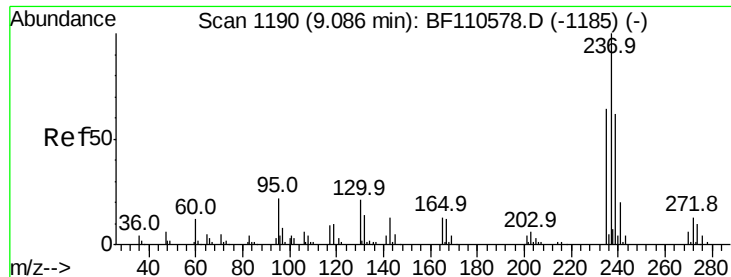
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.349 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

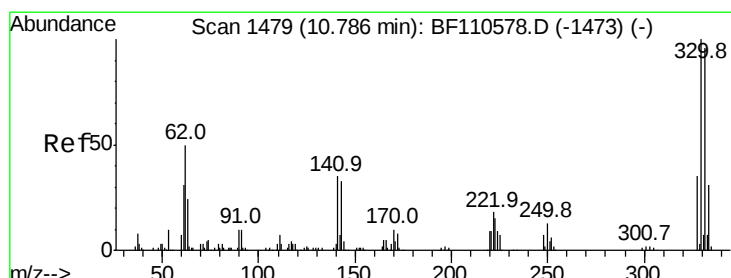
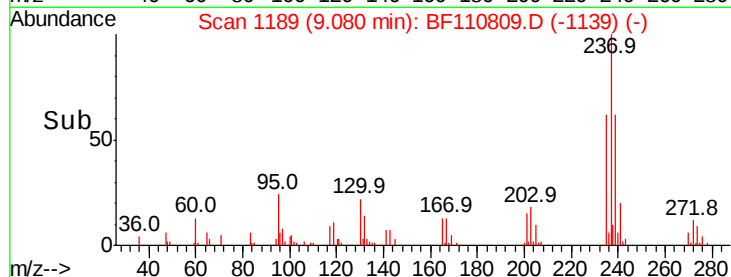
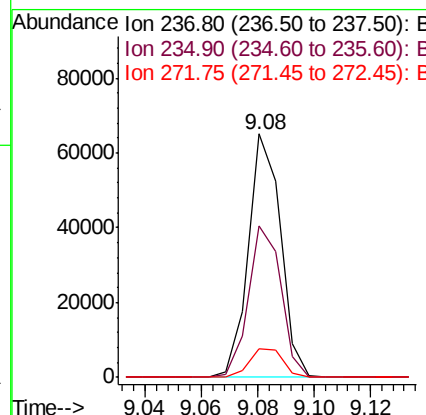
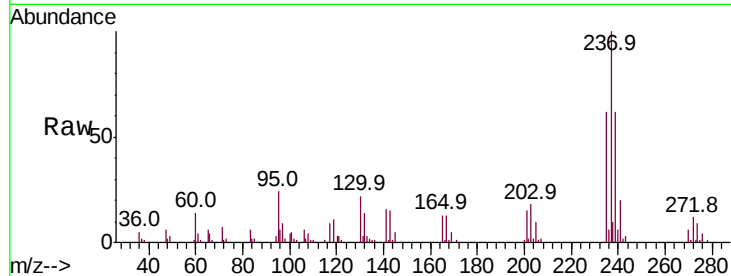
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	51716
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.1	83.1
272	11.5	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 80.440 ng

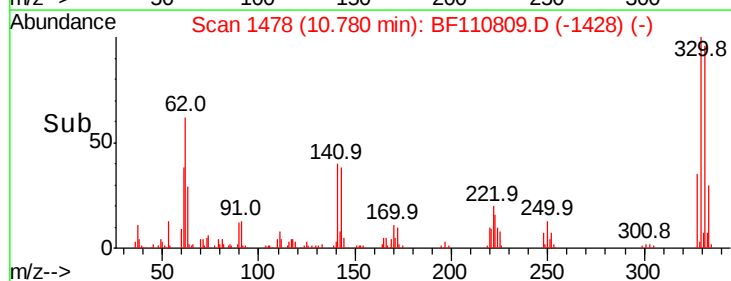
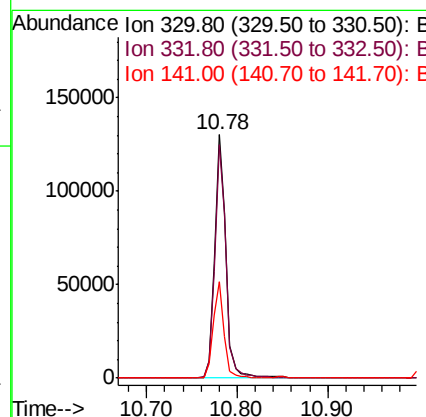
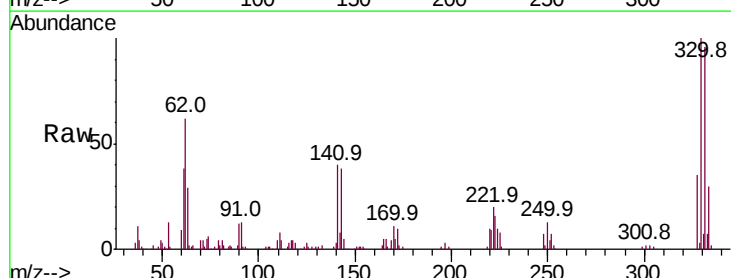
RT: 10.78 min Scan# 1478

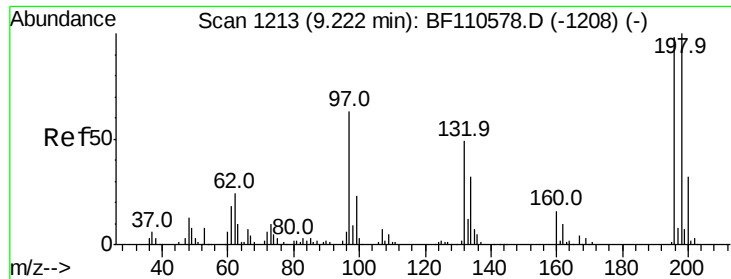
Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Tgt Ion:	330	Resp:	114996
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	38.1	27.0	40.4





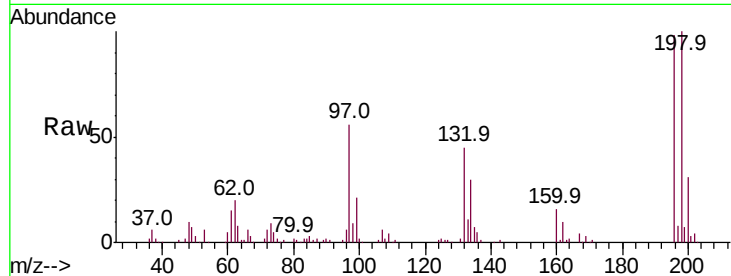
#43
2,4,6-Trichlorophenol
Concen: 39.881 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112549		
198	101.6	76.2	114.4	
200	31.6	24.4	36.6	

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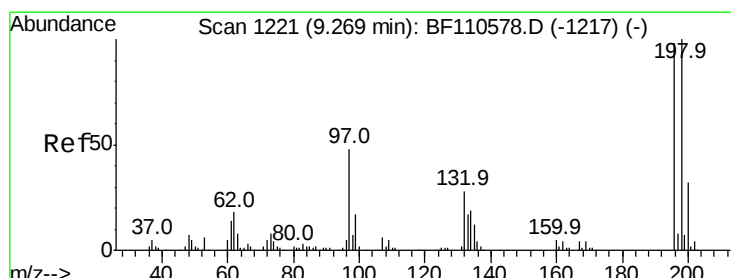
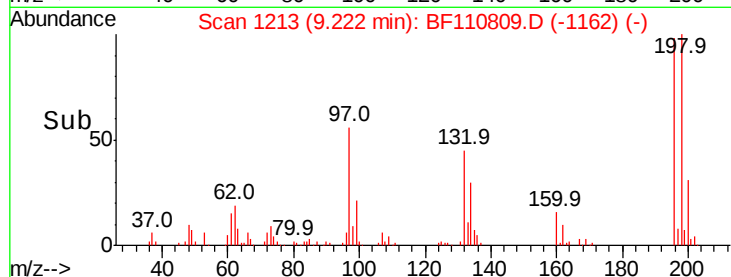
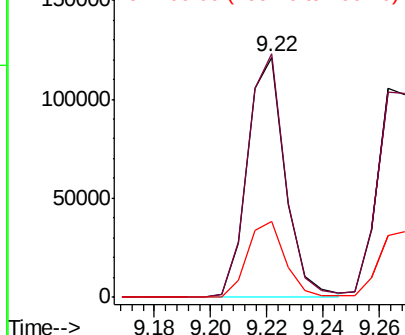


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 40.739 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122638		
198	98.1	75.8	113.6	
97	58.0	42.4	63.6	
132	33.4	22.8	34.2	

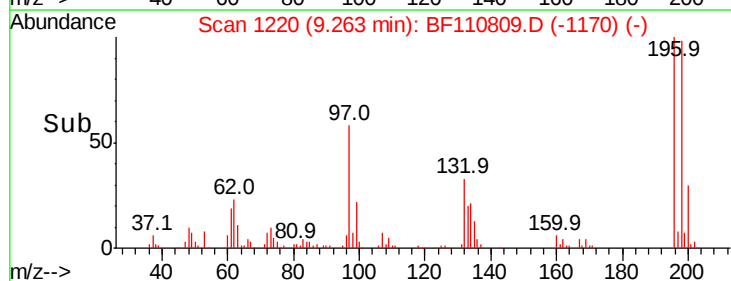
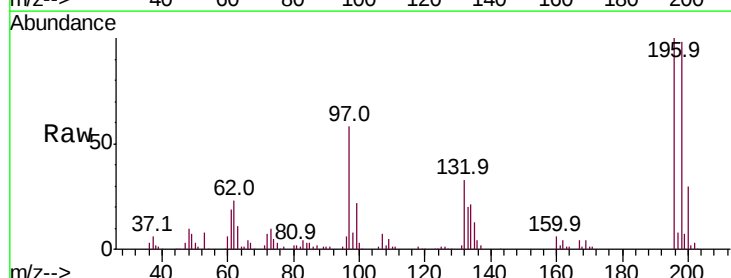
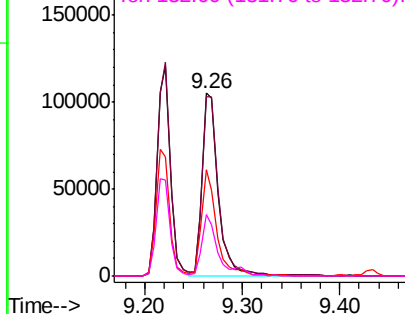
Abundance

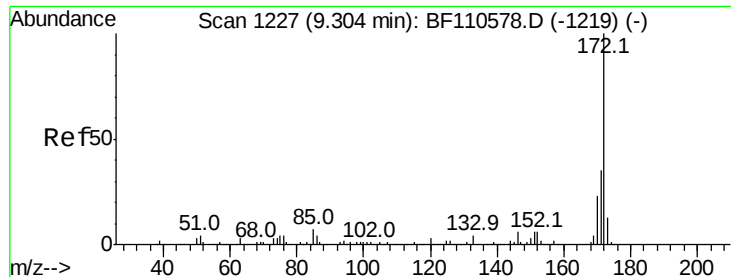
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





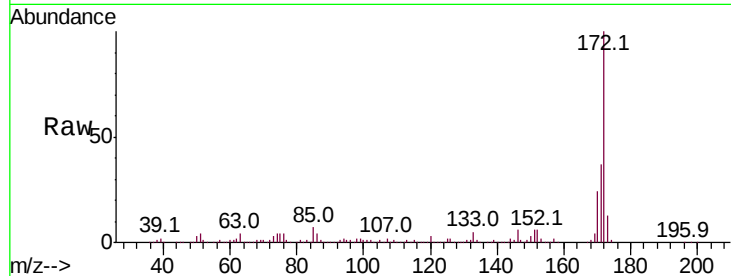
#45
2-Fluorobiphenyl
Concen: 79.519 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	28.6	43.0	
170	23.8	19.7	29.5	

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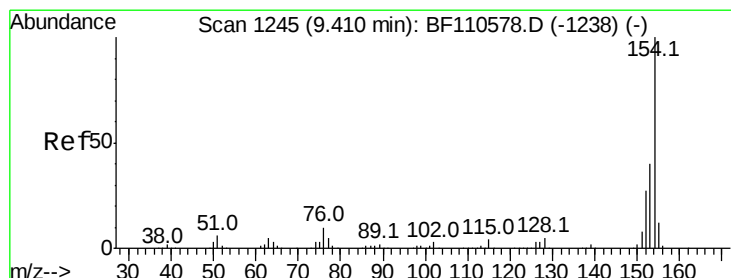
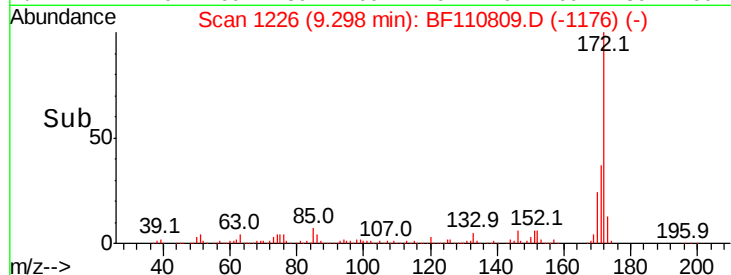
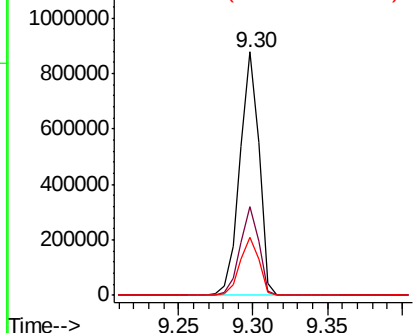


Abundance

Ion 172.00 (171.70 to 172.70): E

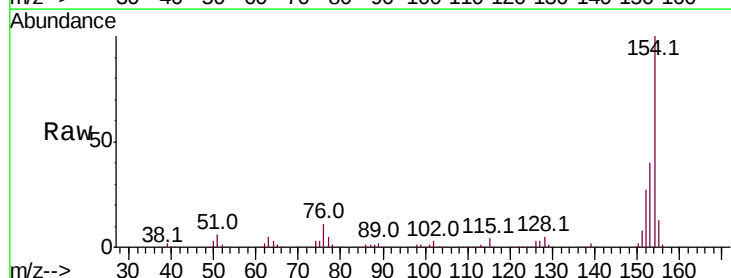
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.712 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.4	60.4	
76	10.8	0.0	31.9	

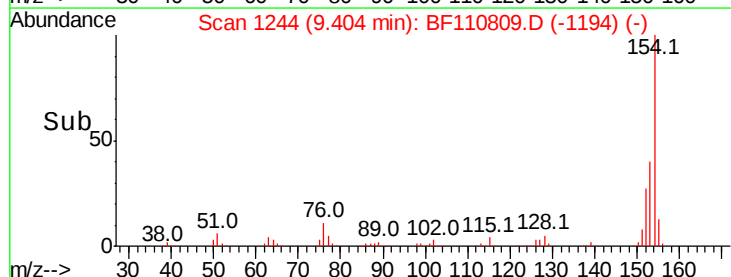
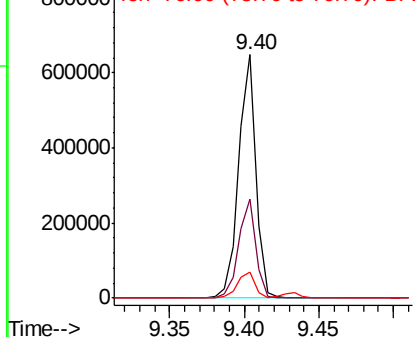


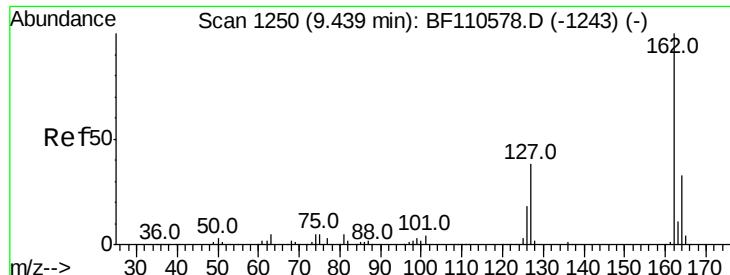
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





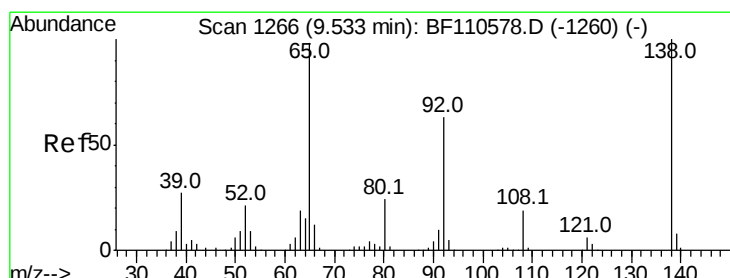
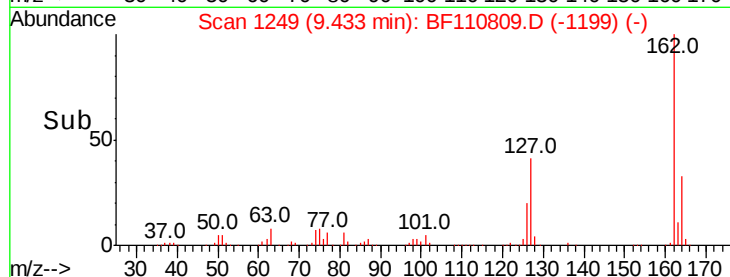
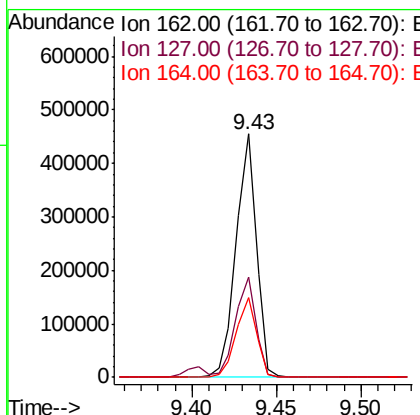
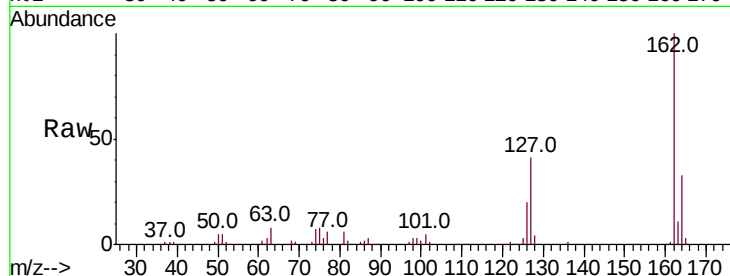
#47
 2-Chloronaphthalene
 Concen: 40.155 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	382883		
127	41.1	32.6	48.8	
164	32.8	25.9	38.9	

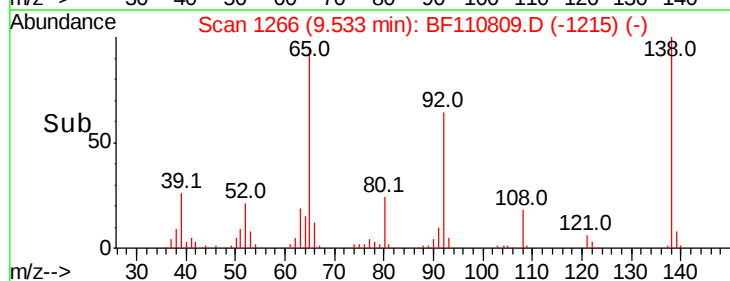
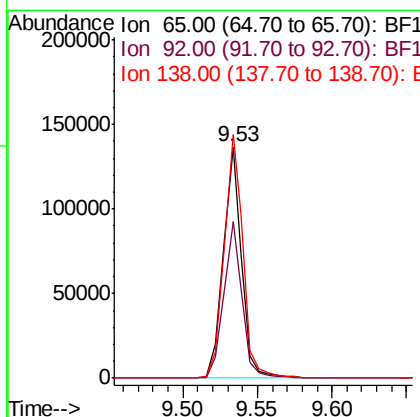
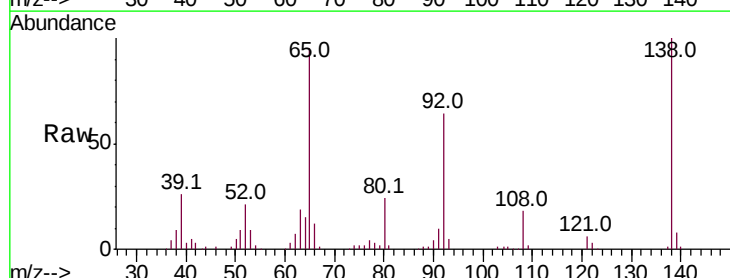
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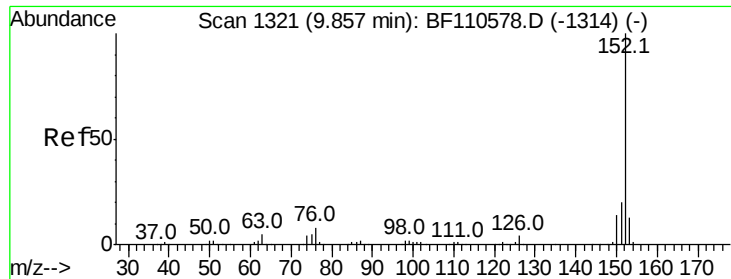
Sohil
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#48
 2-Nitroaniline
 Concen: 40.424 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	118777		
92	67.6	54.6	81.8	
138	105.2	80.3	120.5	





#49

Acenaphthylene

Concen: 39.864 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

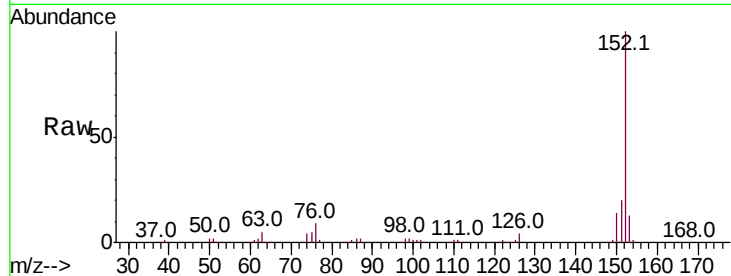
ClientSampleId :

SSTDCCC040

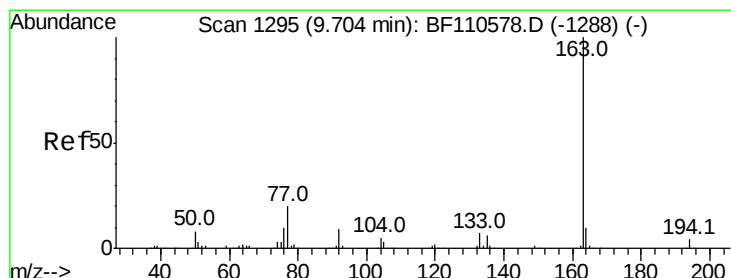
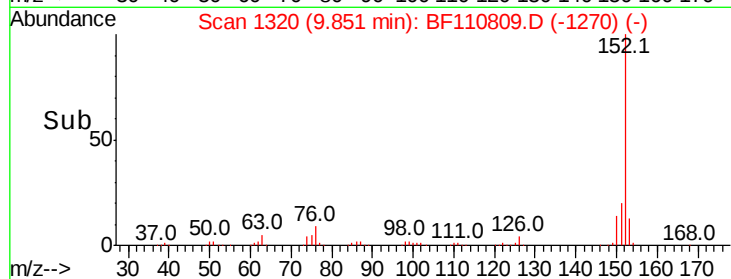
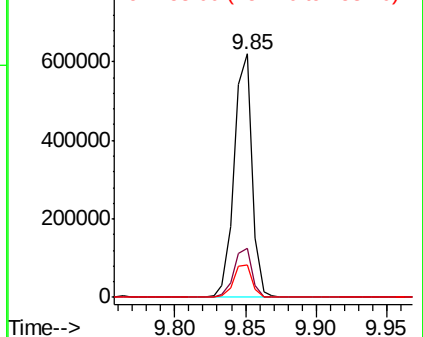
Tot Ion:	152	Resp:	547404
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	13.3	10.4	15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.759 ng

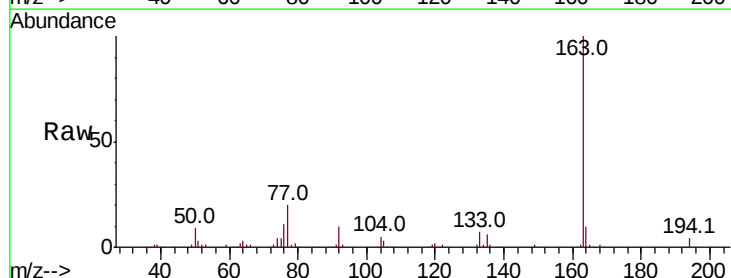
RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

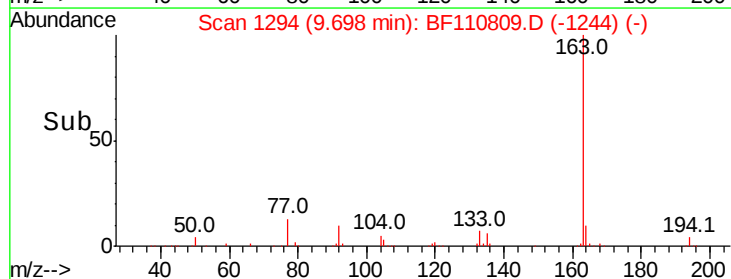
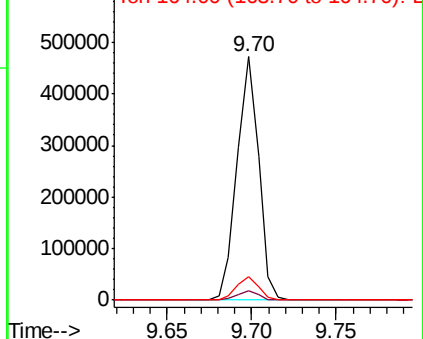
Lab File: BF110809.D

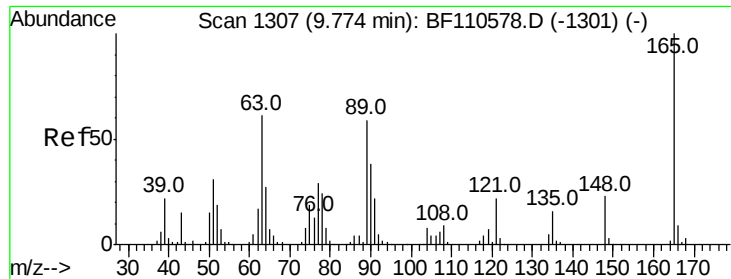
Acq: 16 Nov 2018 11:21

Tgt Ion:	163	Resp:	420906
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.8	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





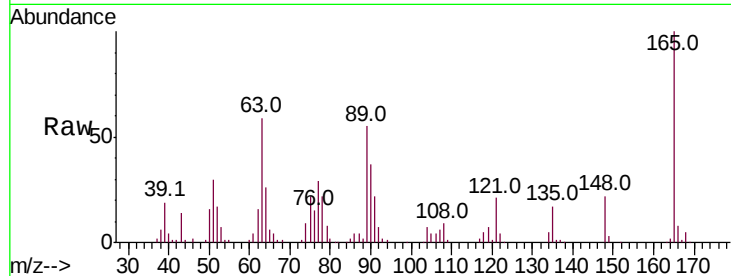
#51
2,6-Dinitrotoluene
Concen: 40.517 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

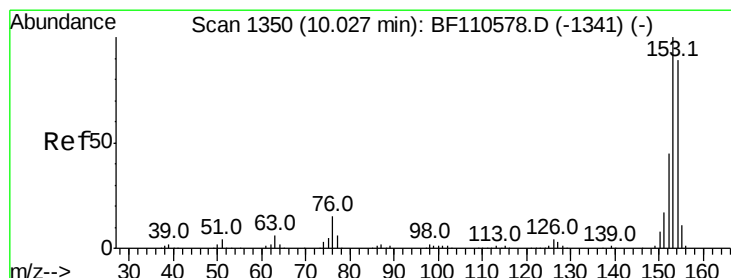
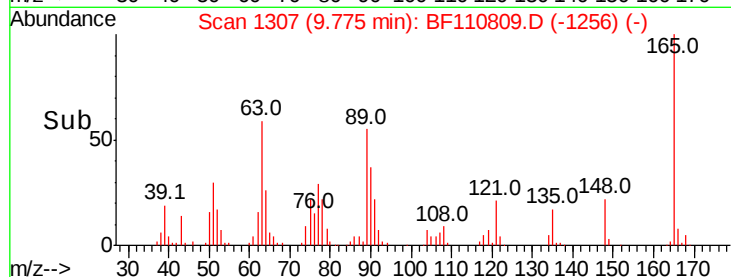
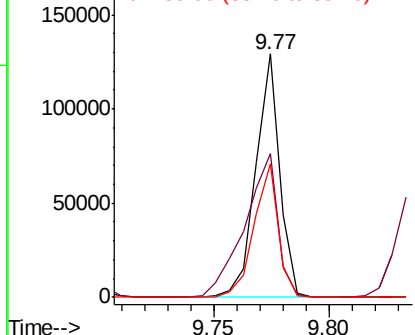
Tot Ion	Ratio	Lower	Upper
165	100		
63	59.0	48.9	73.3
89	55.1	46.6	69.8

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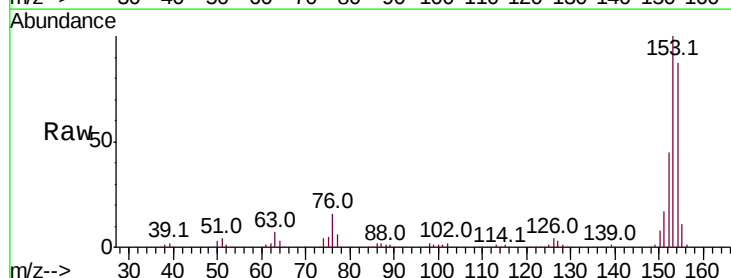


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

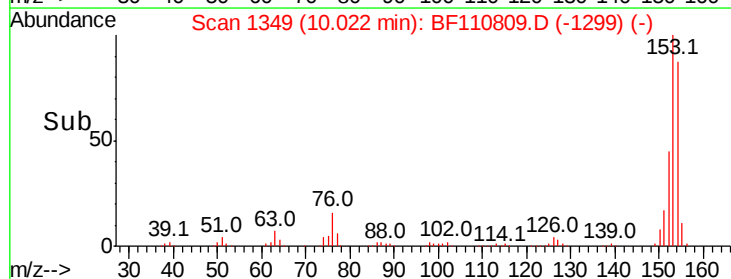
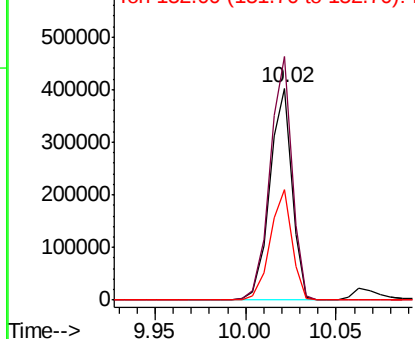


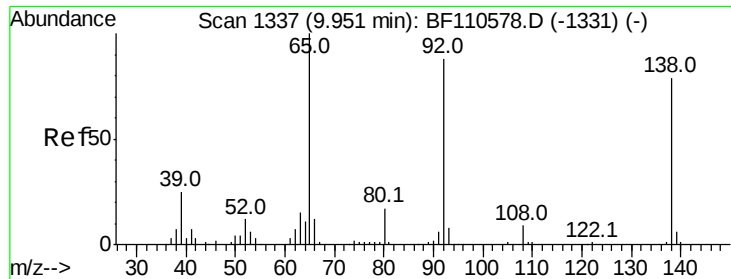
#52
Acenaphthene
Concen: 39.437 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.1	135.1
152	52.0	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





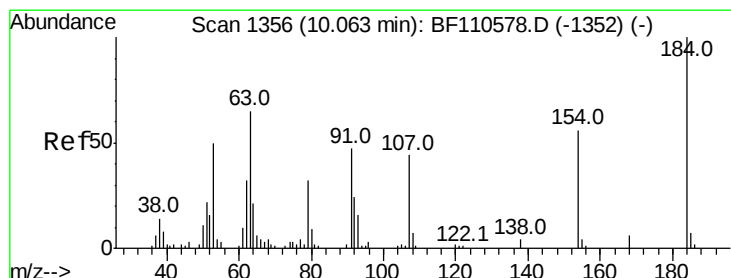
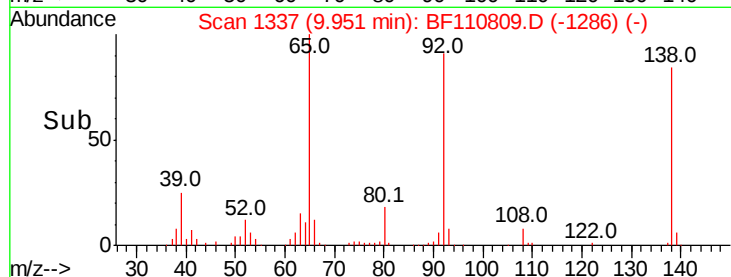
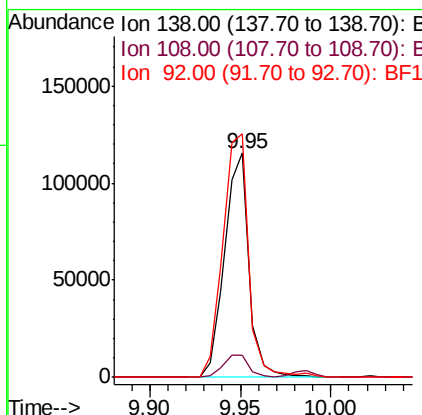
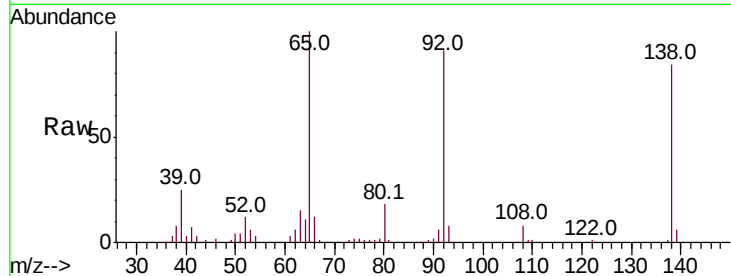
#53
3-Nitroaniline
Concen: 40.310 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	108.5	97.0	145.4

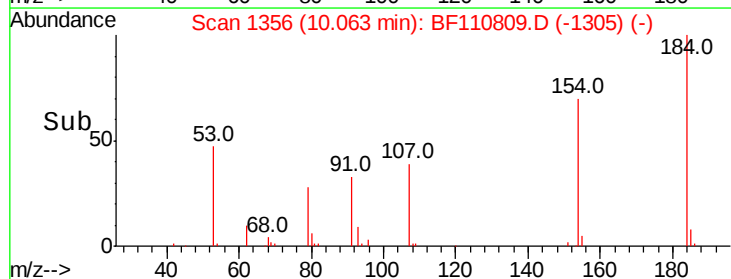
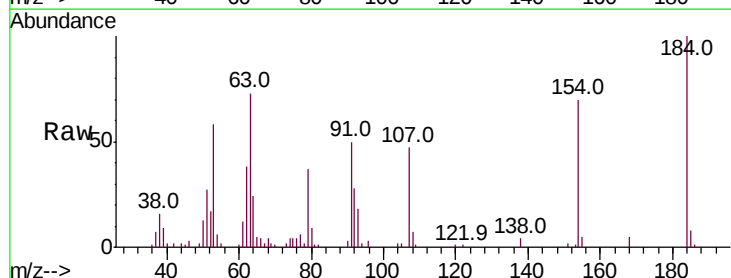
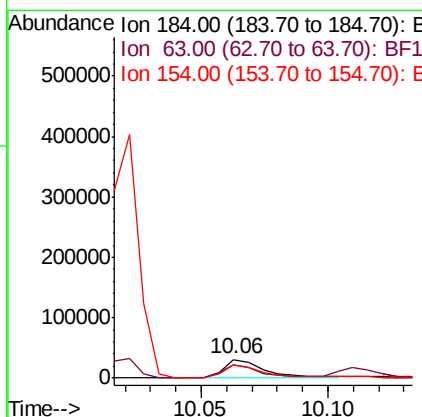
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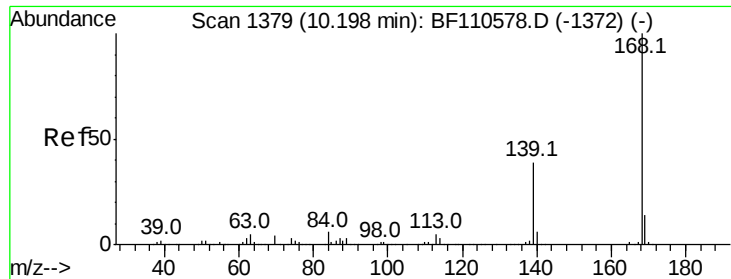
Sohil
11/19/2018 11:55:34 AM



#54
2,4-Dinitrophenol
Concen: 40.728 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	55.8	83.6
154	69.9	63.2	94.8





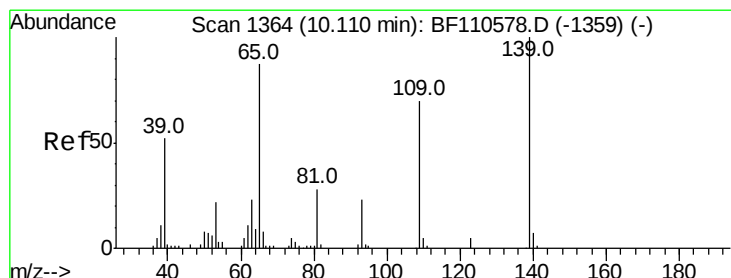
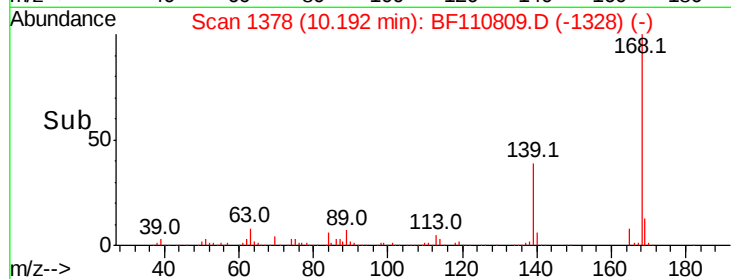
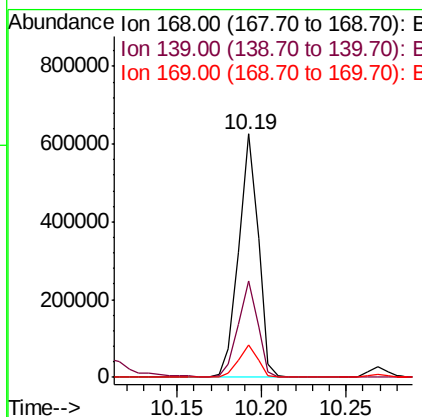
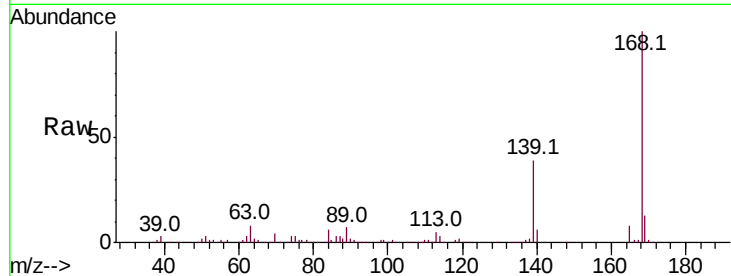
#55
Dibenzofuran
Concen: 39.751 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	13.3	11.3	16.9

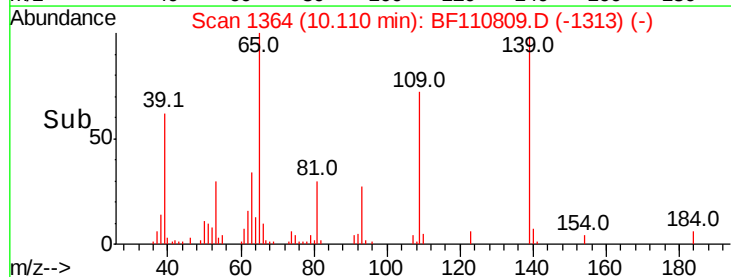
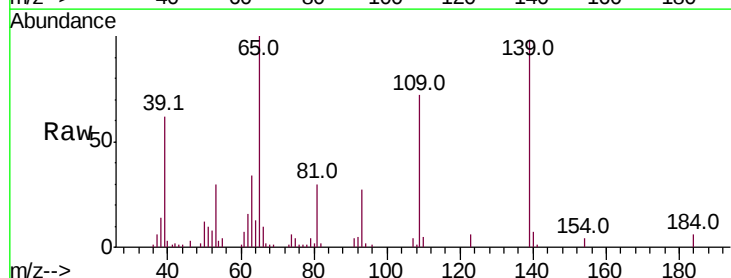
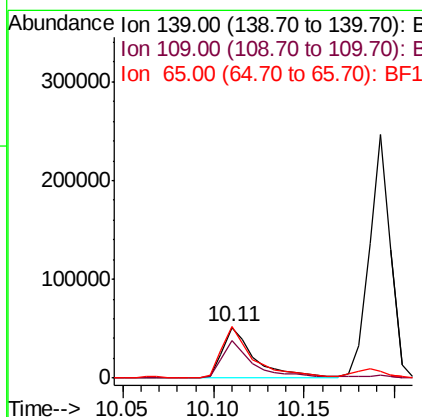
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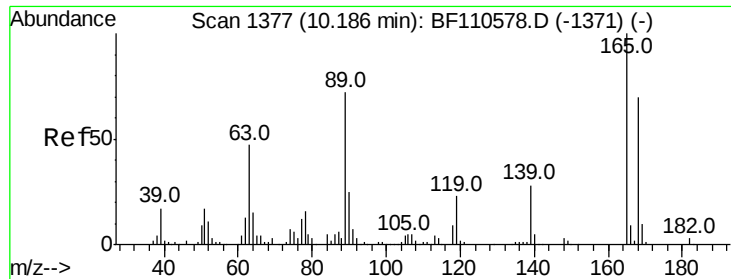
Sohil
11/19/2018 11:55:34 AM



#56
4-Nitrophenol
Concen: 35.849 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	55.8	95.8
65	101.7	77.9	117.9





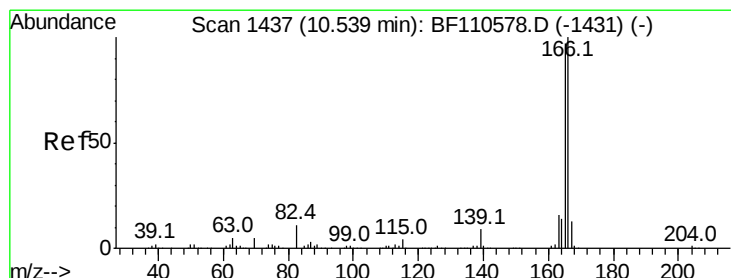
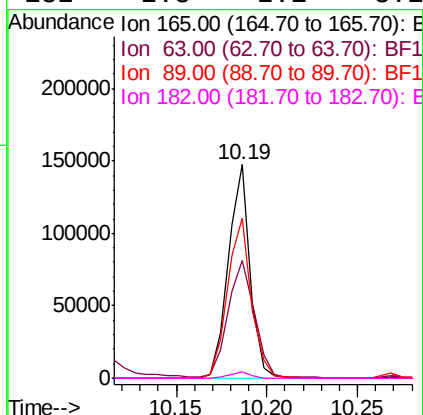
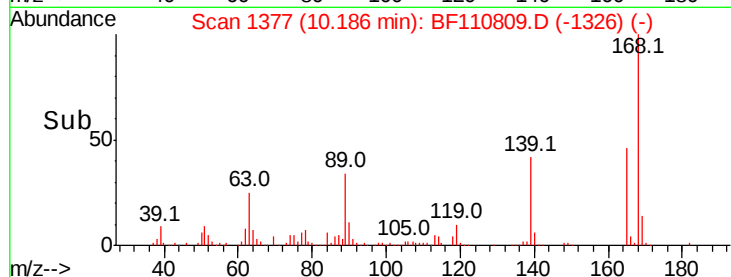
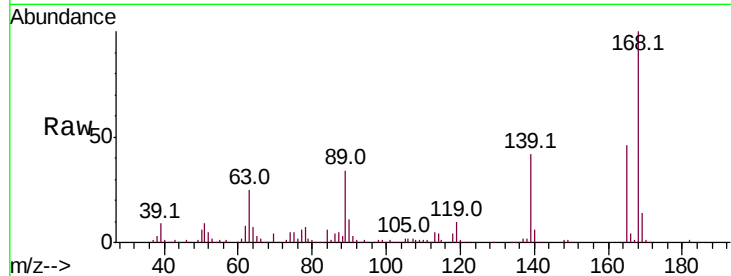
#57
2,4-Dinitrotoluene
Concen: 40.618 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	122991		
63	55.0	44.8	67.2	
89	74.9	62.2	93.4	
182	2.8	2.1	3.1	

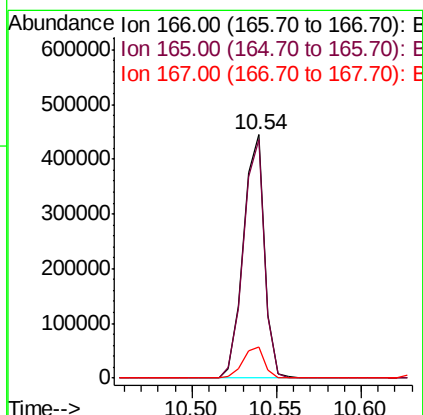
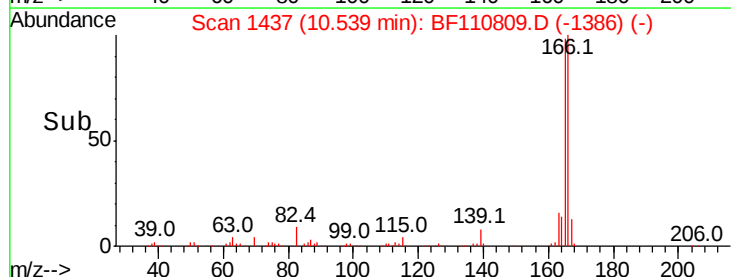
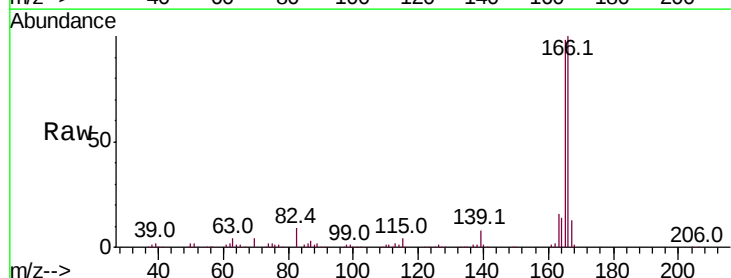
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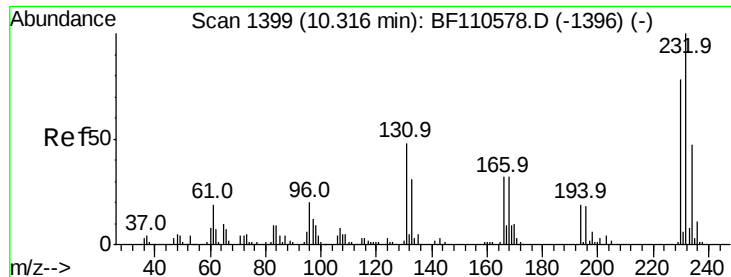
Sohil
11/19/2018 11:55:34 AM



#58
Fluorene
Concen: 39.795 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	388089		
165	97.9	78.6	117.8	
167	13.1	10.8	16.2	





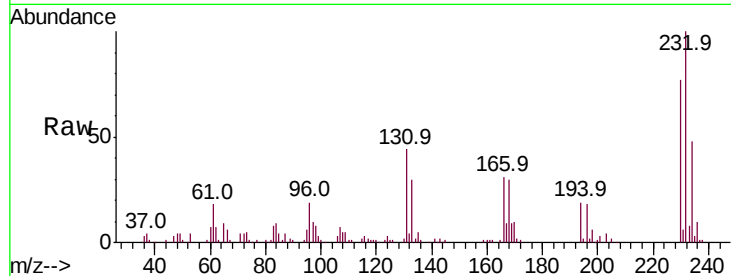
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.748 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.3	37.0	55.4
130	2.4	1.8	2.6
166	32.9	22.0	33.0

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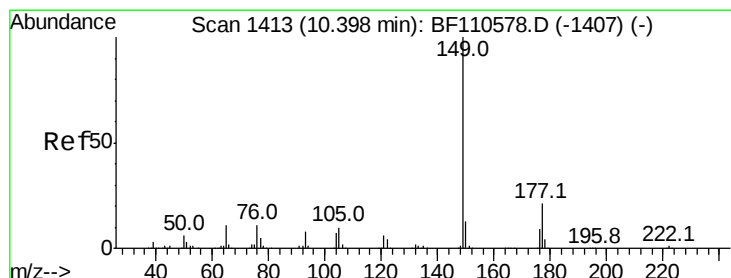
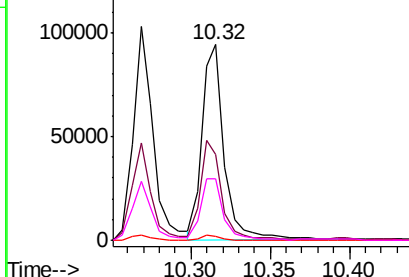
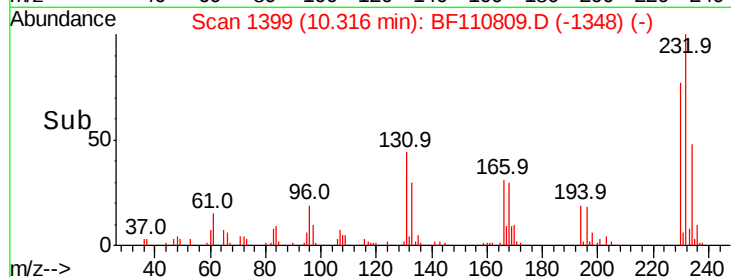
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

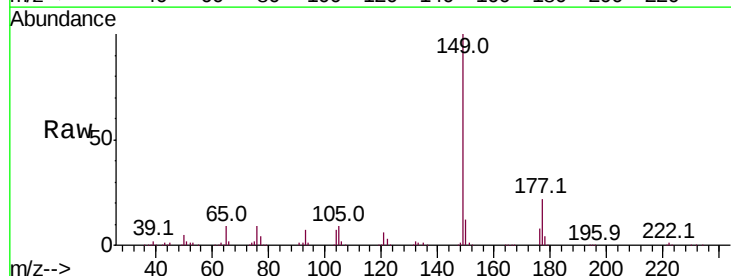
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.328 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.0	9.8	14.8

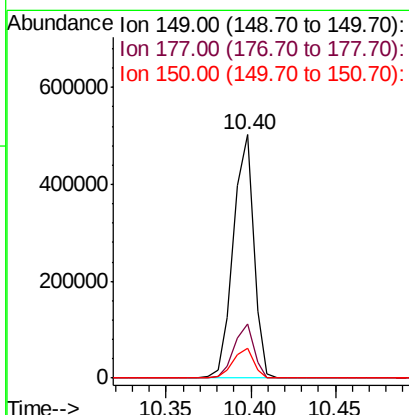
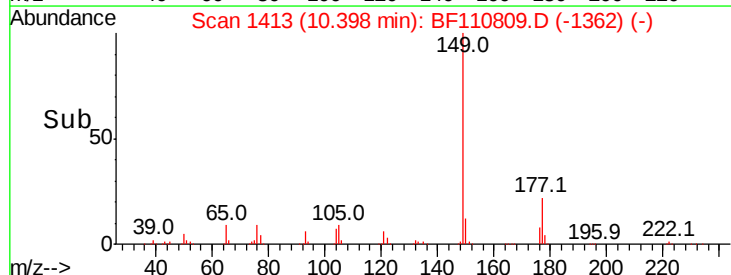


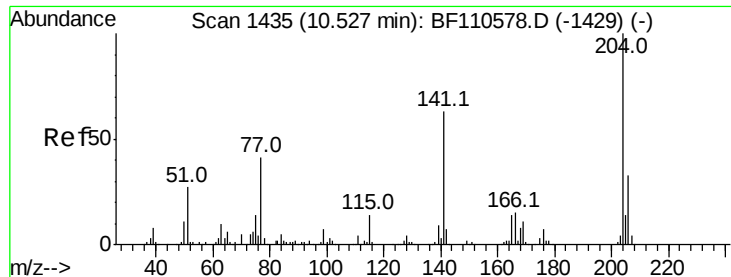
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





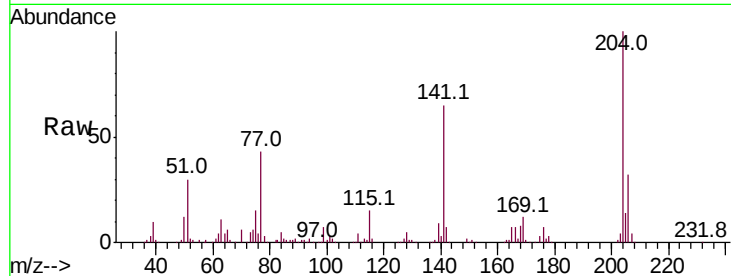
#61
4-Chlorophenyl-phenylether
Concen: 40.057 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	65.3	51.8	77.8

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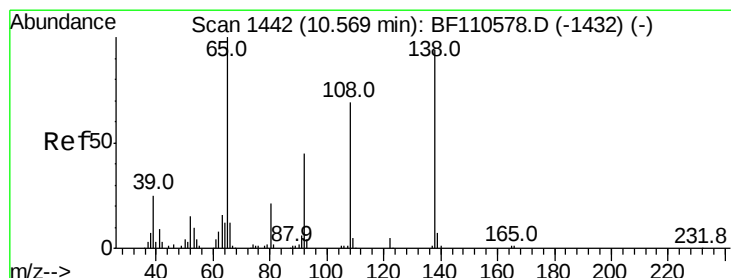
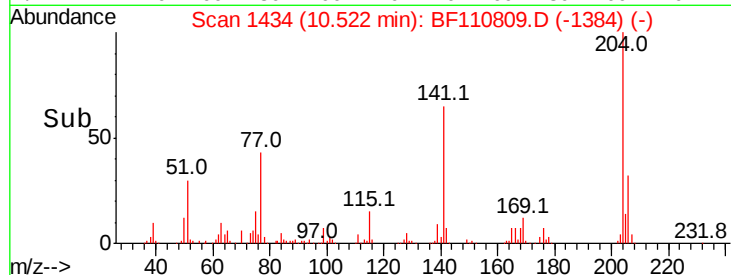
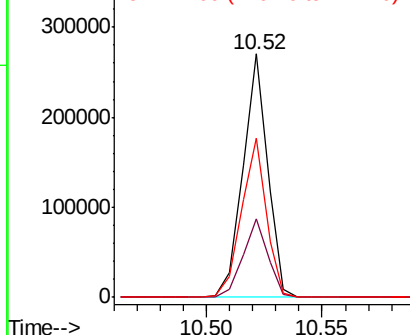


Abundance

Ion 204.00 (203.70 to 204.70): E

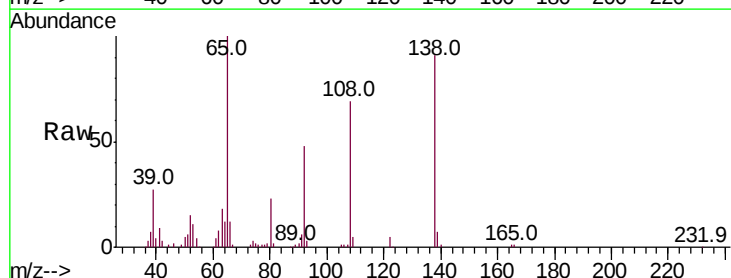
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.043 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	31.7	71.7
108	75.2	59.3	99.3

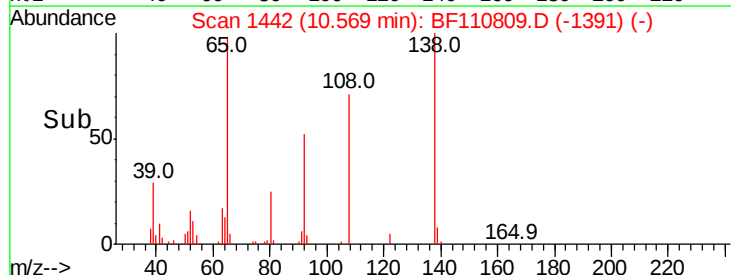
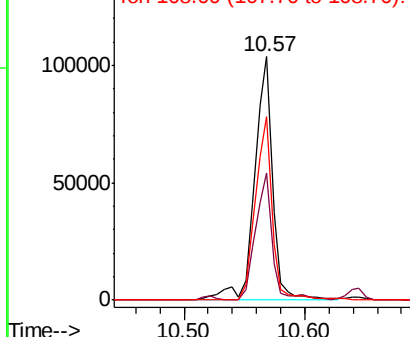


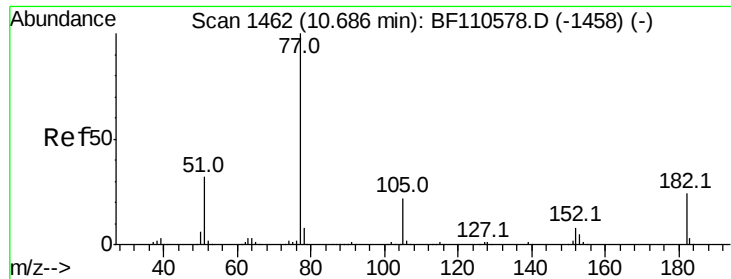
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





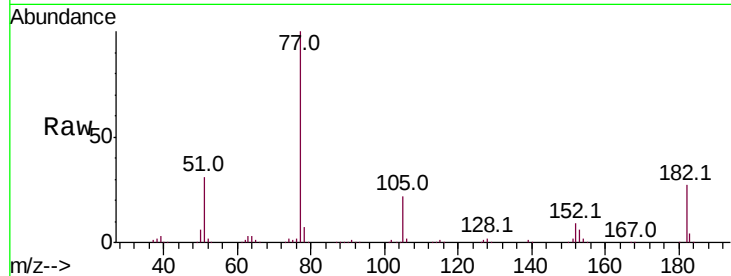
#63
Azobenzene
Concen: 40.283 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

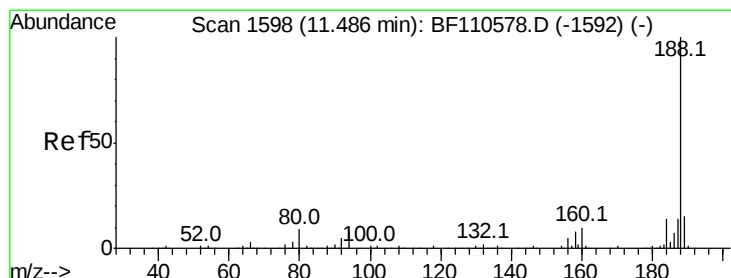
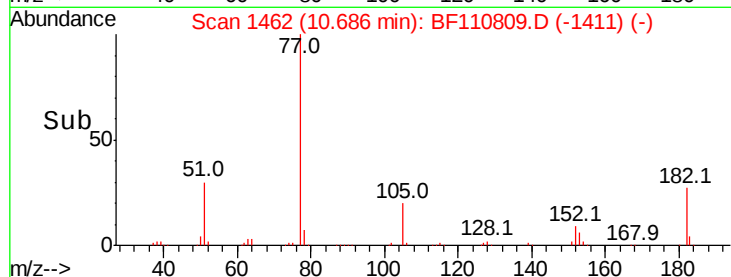
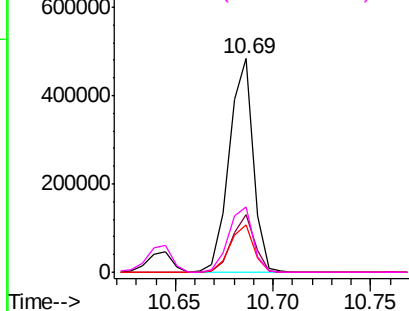
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.3	44.3
105	22.2	1.3	41.3
51	30.6	9.0	49.0

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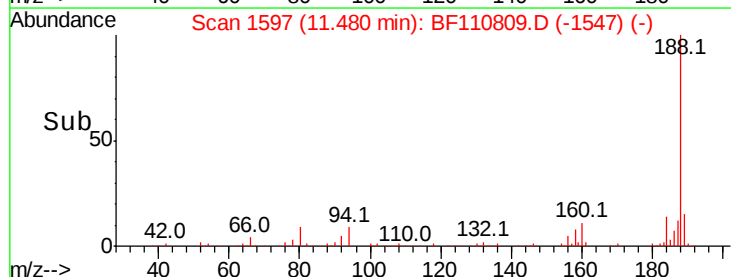
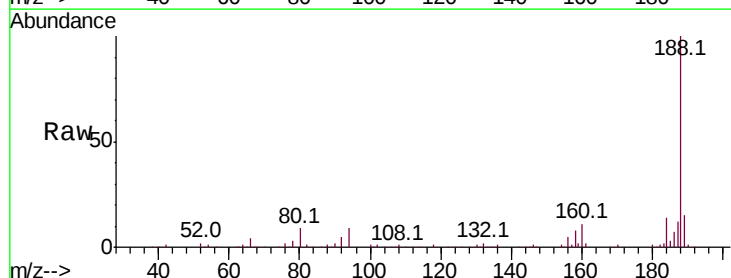
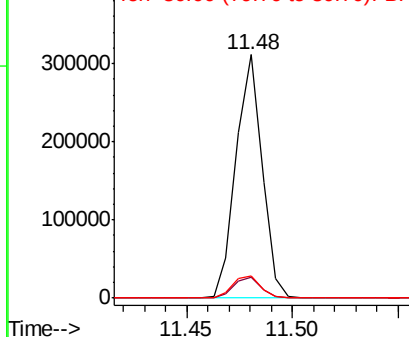
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

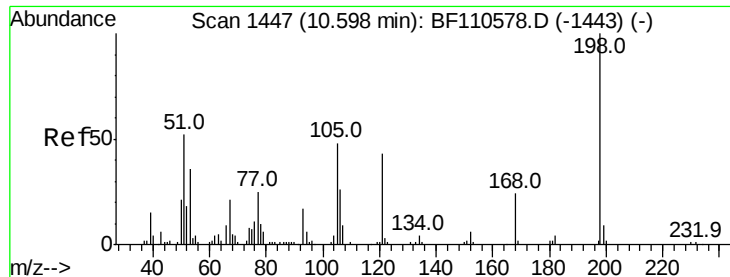


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.3	7.9	11.9

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





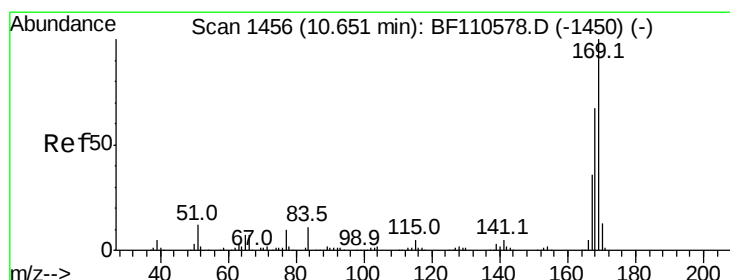
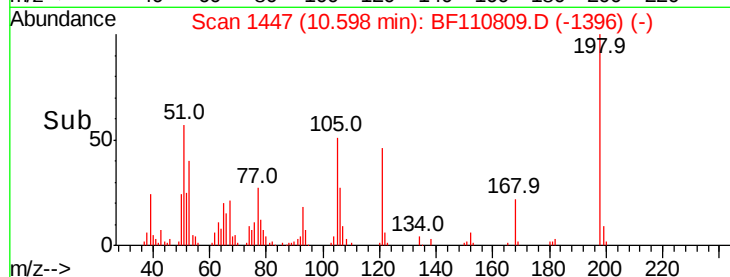
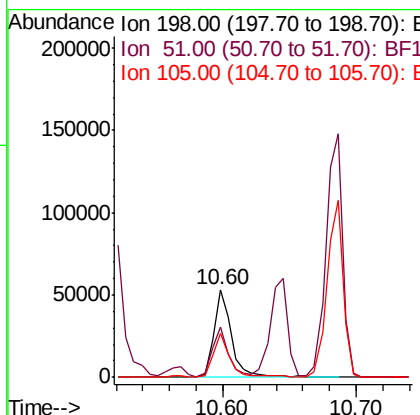
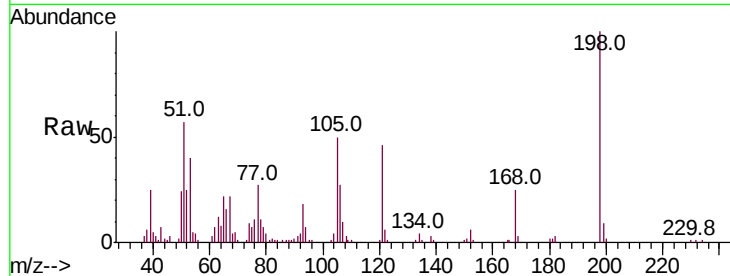
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.774 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.0	22.8	62.8
105	50.5	23.6	63.6

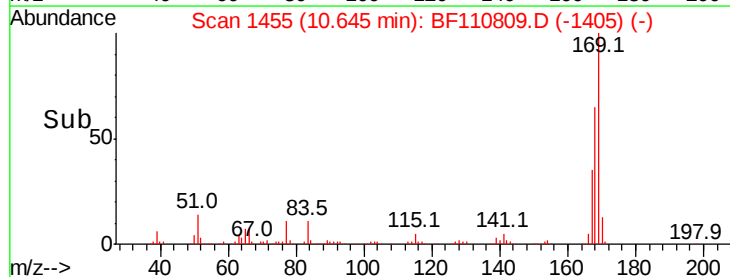
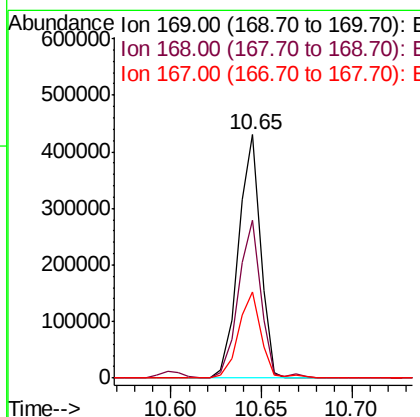
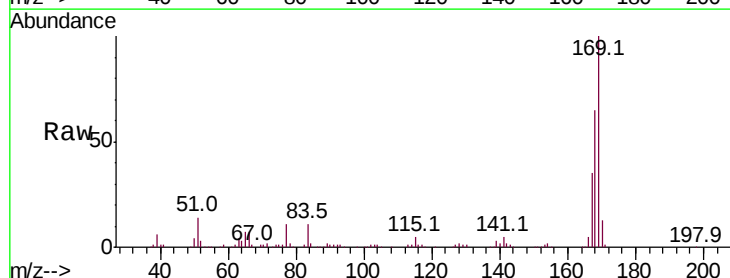
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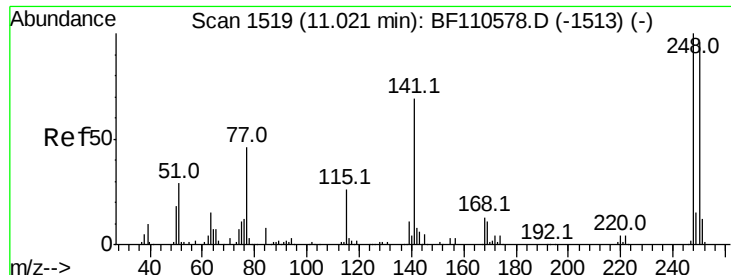
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#66
 n-Nitrosodiphenylamine
 Concen: 40.494 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.0	51.2	76.8
167	35.5	27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 40.372 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

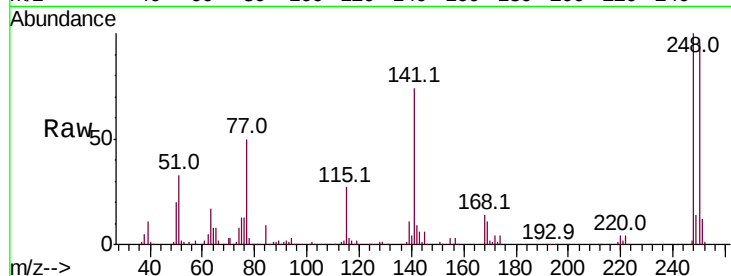
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	119144
Ion Ratio	Lower	Upper	
248	100		
250	96.0	79.4	119.2
141	74.0	55.9	83.9

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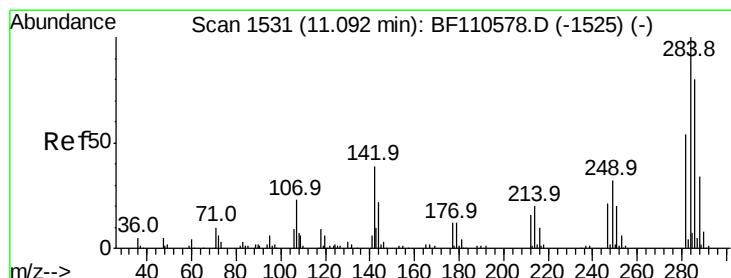
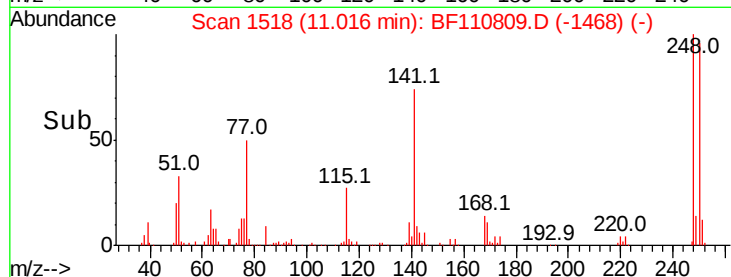
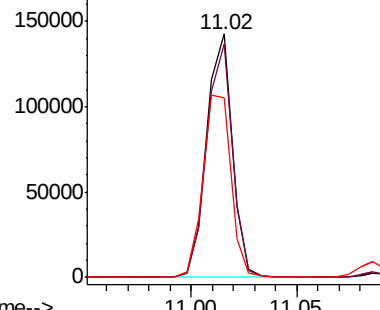


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.734 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

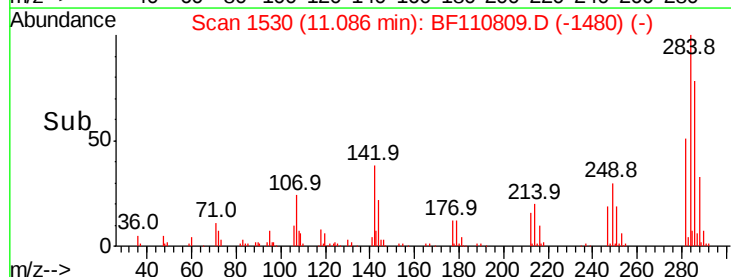
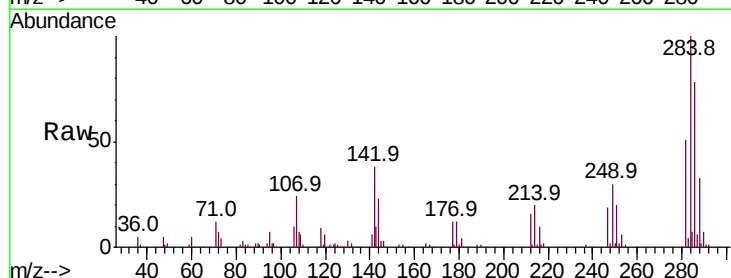
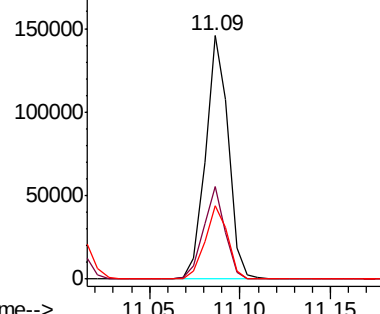
Tgt Ion:	284	Resp:	126739
Ion Ratio	Lower	Upper	
284	100		
142	38.3	23.9	35.9#
249	30.3	24.2	36.2

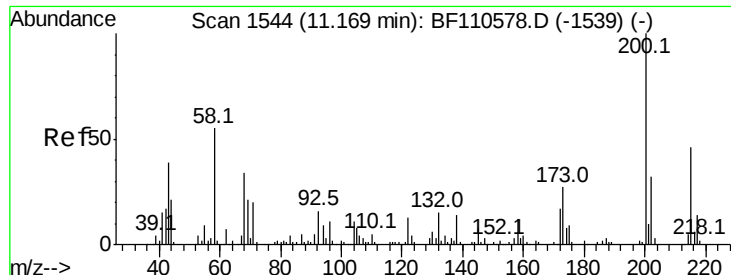
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





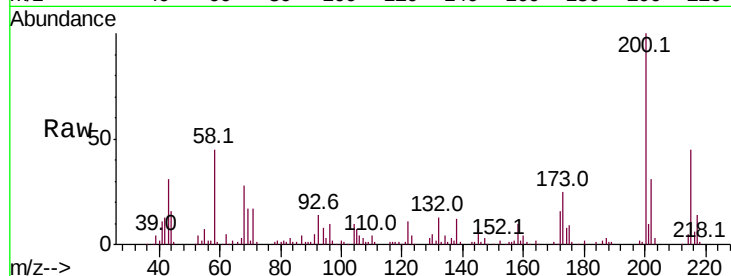
#69
Atrazine
Concen: 38.369 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.6	46.6
215	44.9	26.3	66.3

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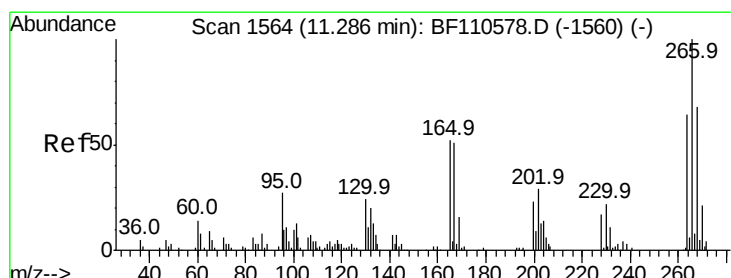
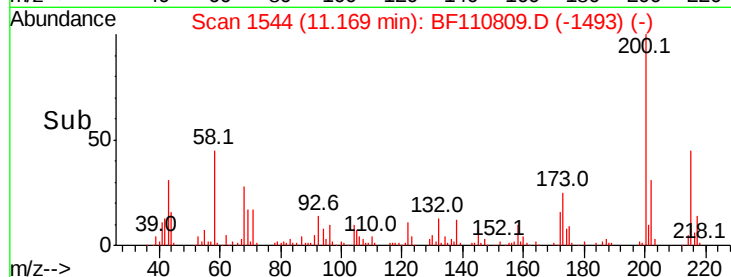
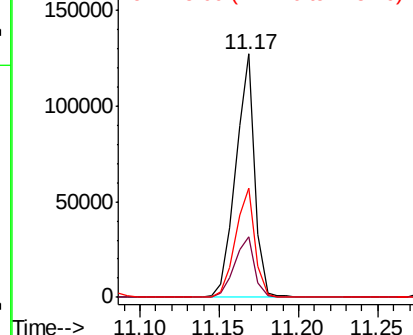


Abundance

Ion 200.00 (199.70 to 200.70): E

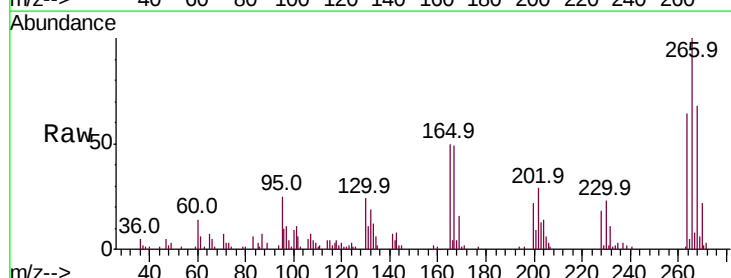
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.965 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	50.6	75.8
264	64.0	50.6	75.8

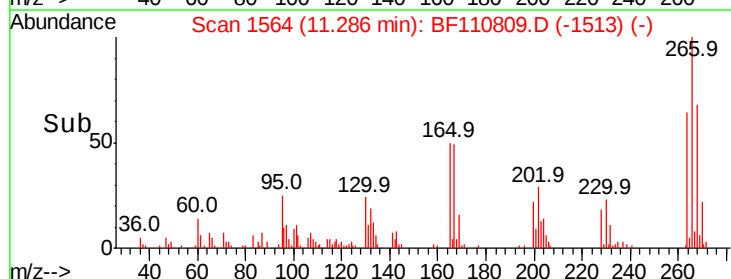
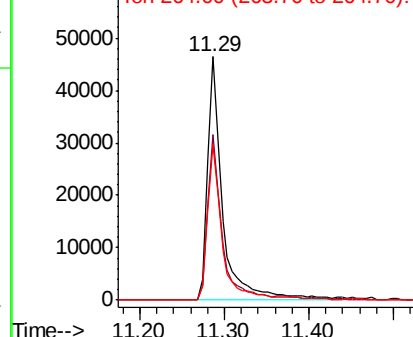


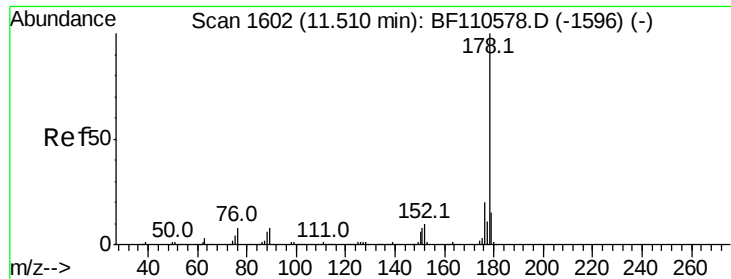
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





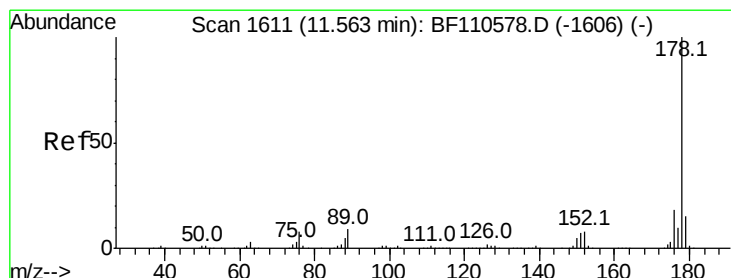
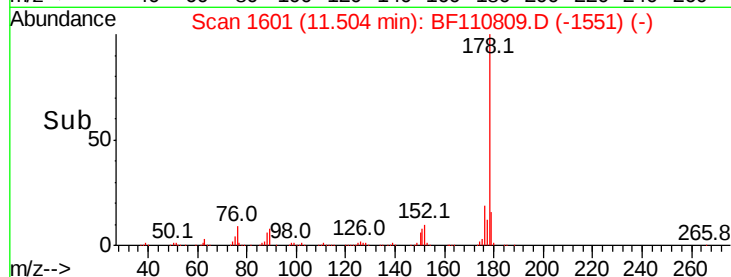
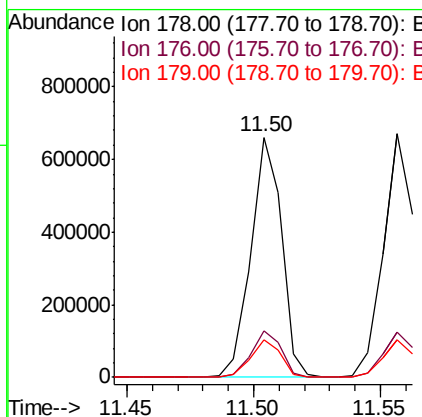
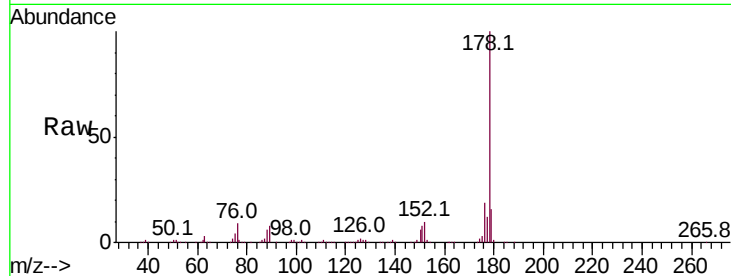
#71
Phenanthrene
Concen: 39.257 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.5	18.7

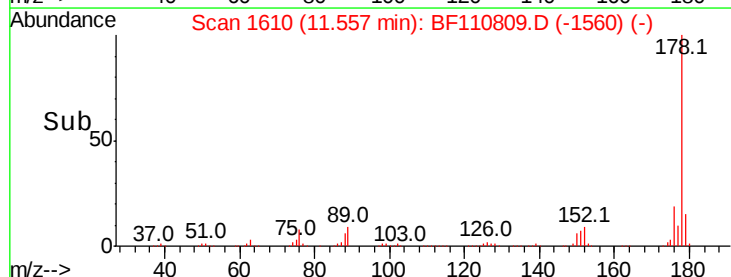
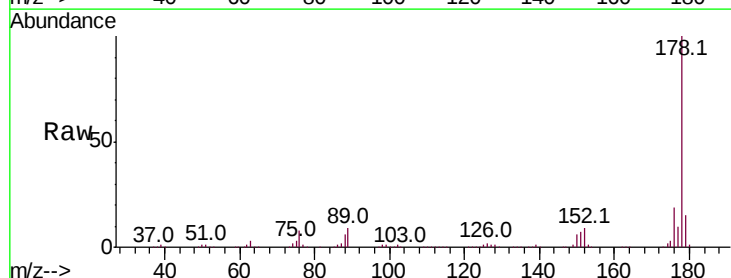
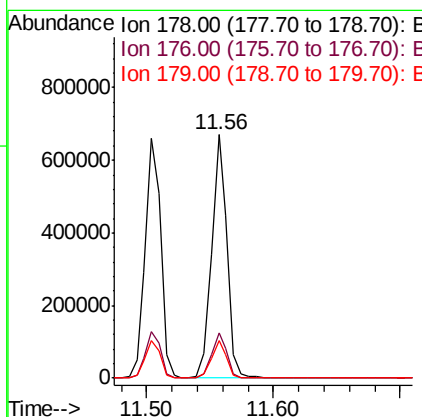
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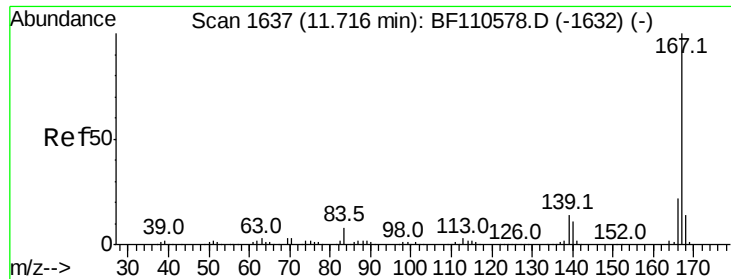
Sohil
11/19/2018 11:55:34 AM



#72
Anthracene
Concen: 39.779 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	18.8





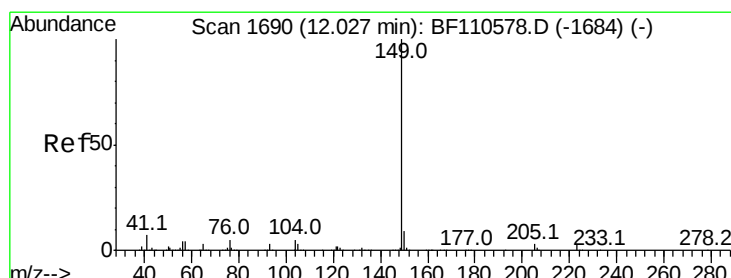
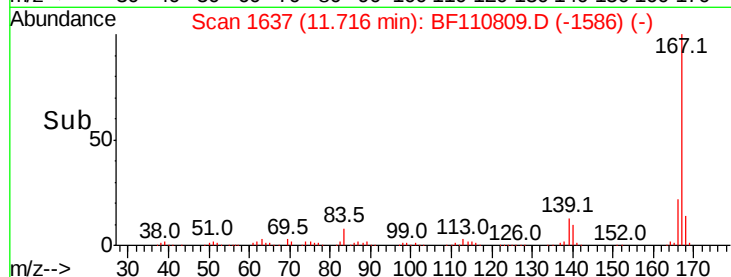
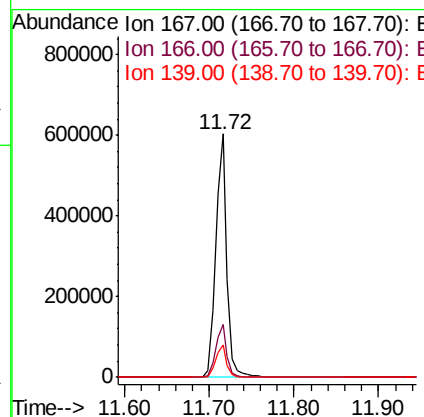
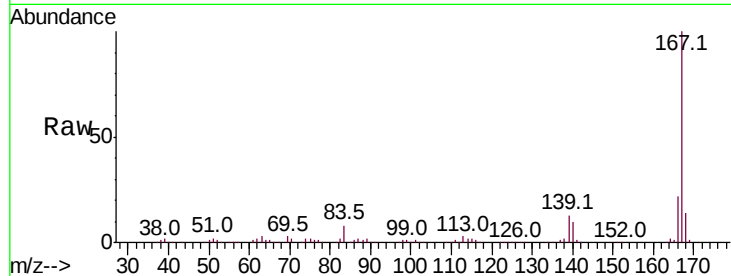
#73
 Carbazole
 Concen: 40.350 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100	559208		
166	21.7		17.4	26.0
139	13.5		10.9	16.3

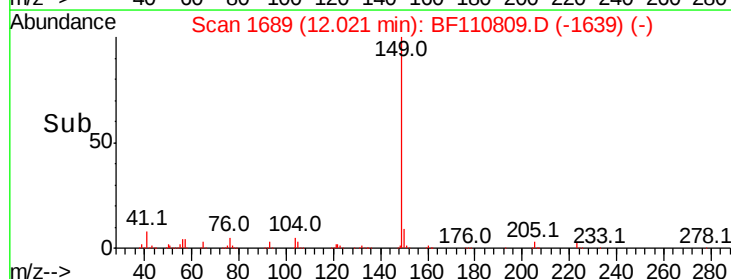
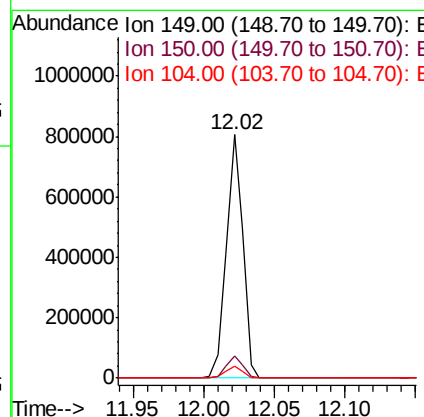
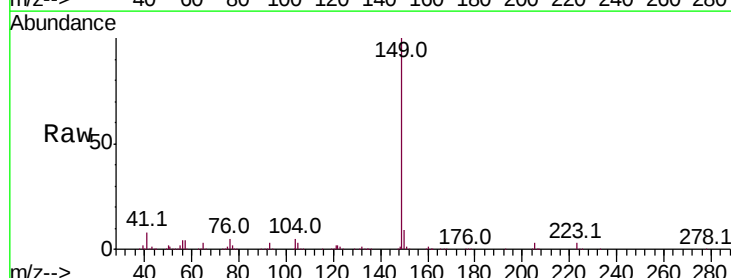
Manual Integrations
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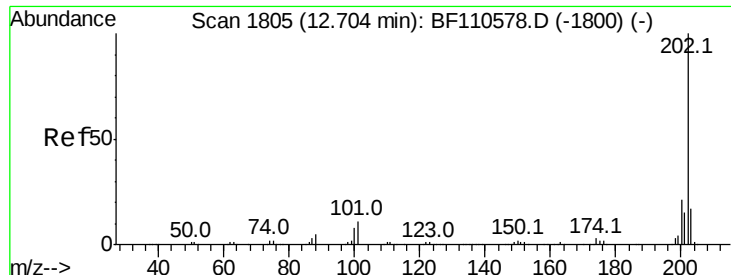
Sohil
 11/19/2018 11:55:34 AM



#74
 Di-n-butylphthalate
 Concen: 40.202 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	653370		
150	9.3		7.7	11.5
104	5.0		4.2	6.4





#75

Fluoranthene

Concen: 39.824 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

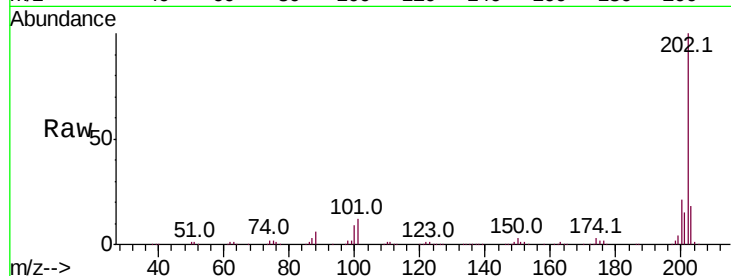
ClientSampleId :

SSTDCCC040

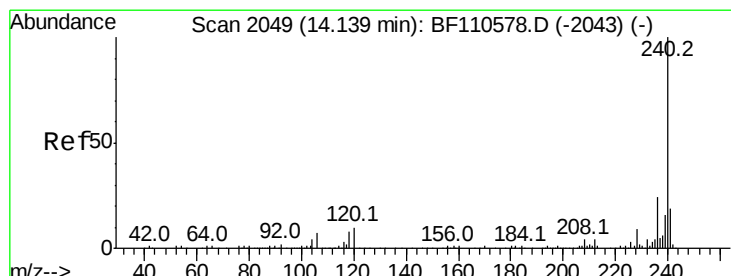
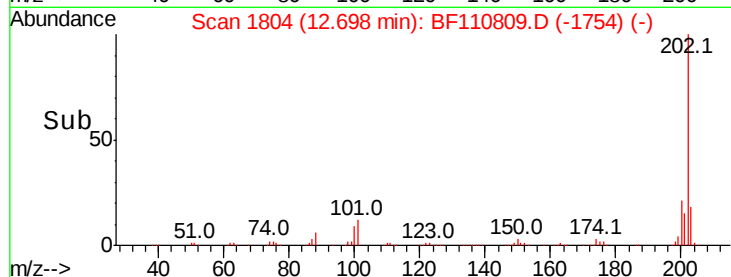
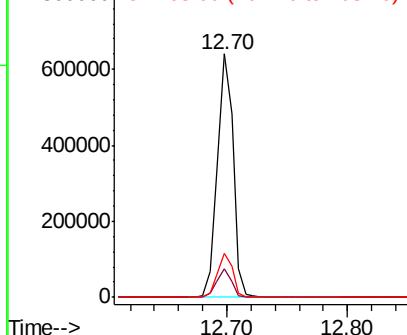
Tot Ion	Ratio	Resp	Lower	Upper
202	100	571169		
101	11.8		0.0	31.4
203	18.1		0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

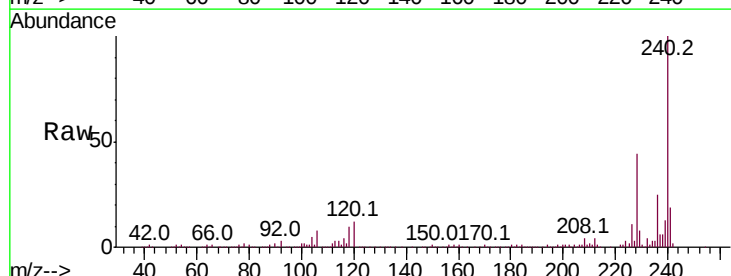
RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

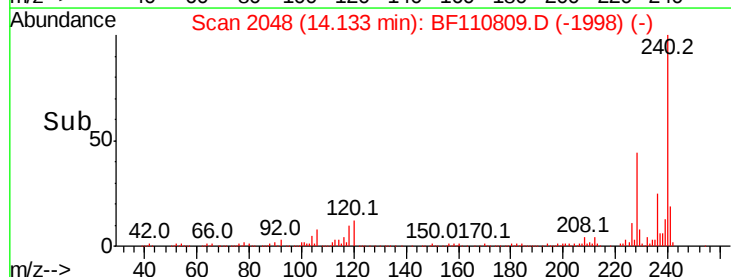
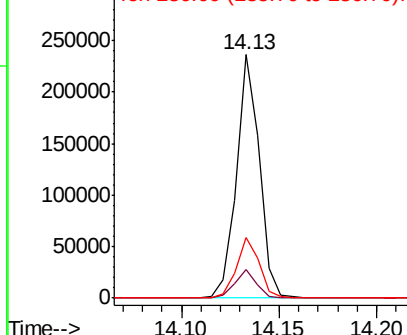
Lab File: BF110809.D

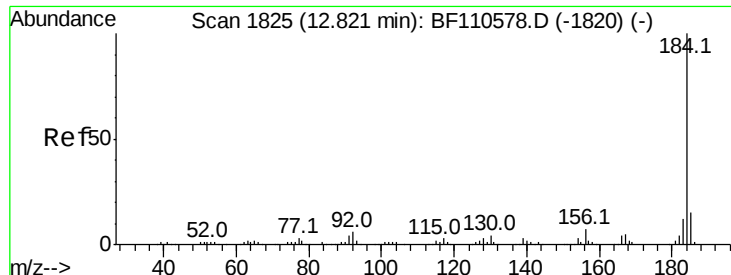
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	191879		
120	11.9		8.3	12.5
236	24.9		21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





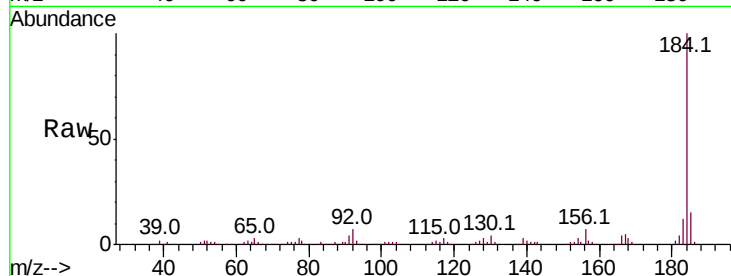
#77
Benzidine
Concen: 43.201 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227960		
185	15.0		13.4	20.2
183	11.8		9.4	14.2

Manual Integrations
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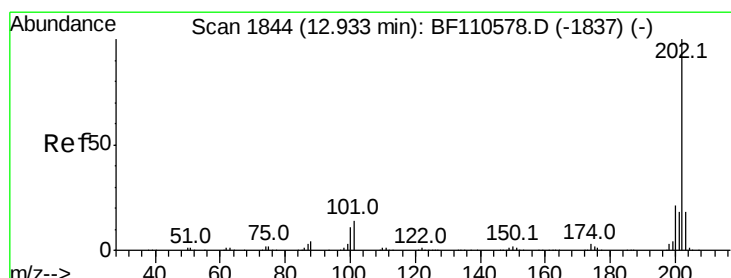
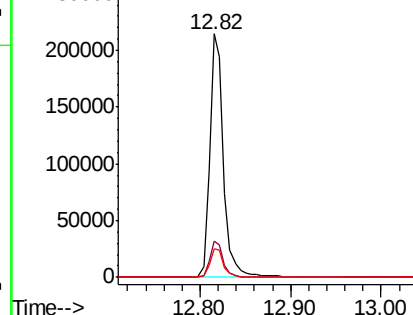
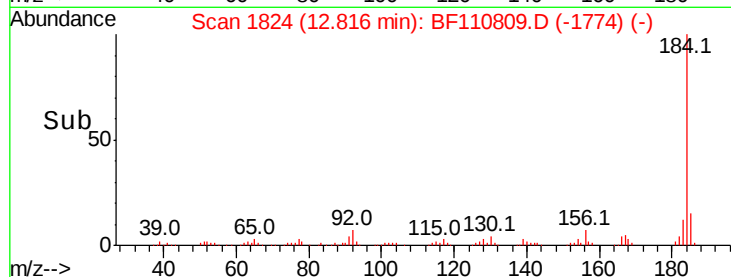


Abundance

Ion 184.00 (183.70 to 184.70): E

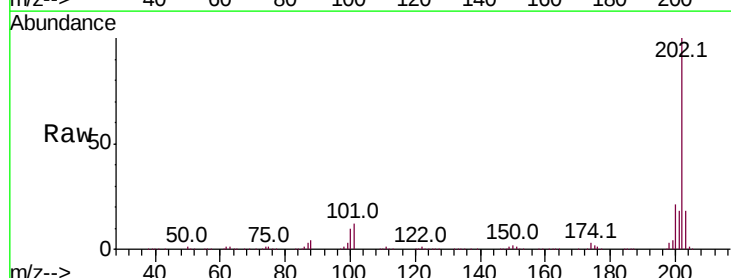
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 39.496 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	583520		
200	21.1		17.8	26.6
203	17.6		14.2	21.4

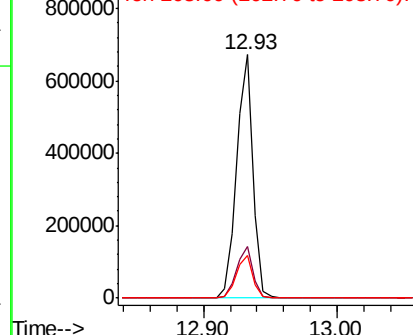
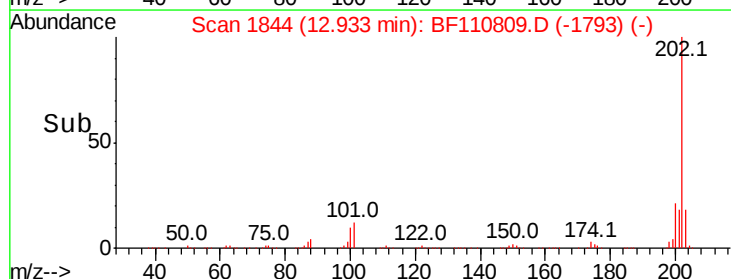


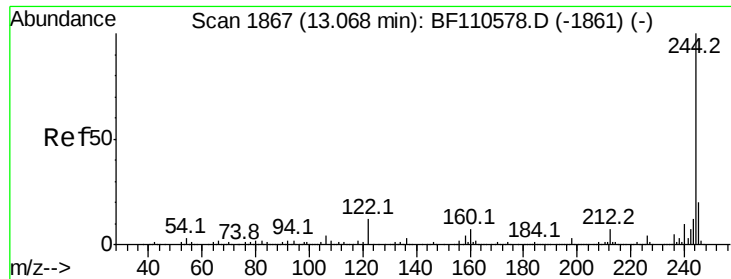
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





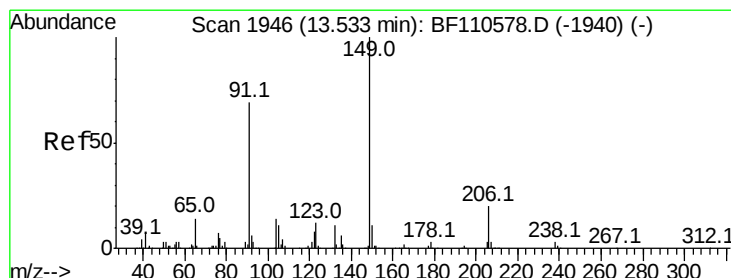
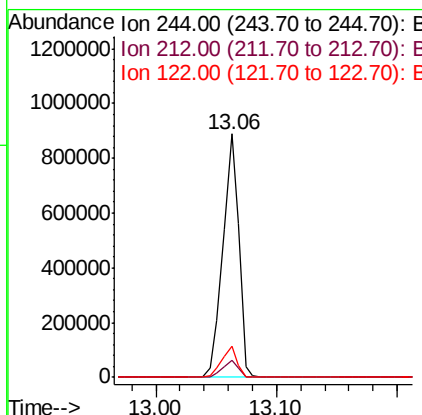
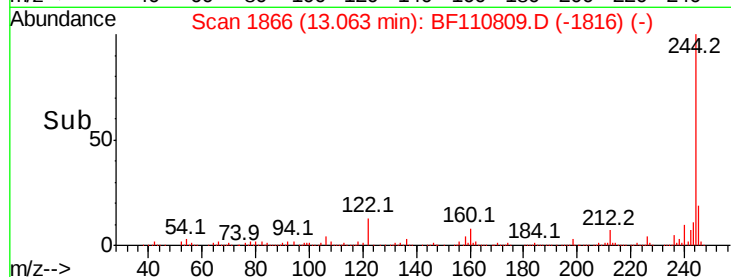
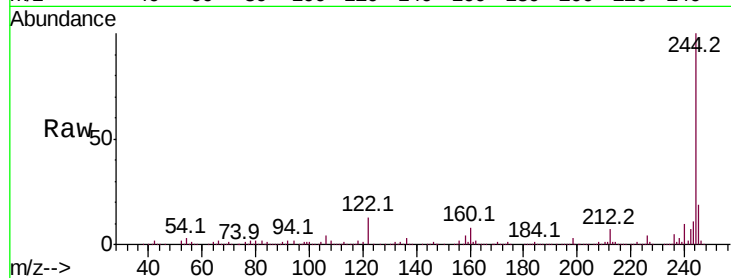
#79
 Terphenyl-d14
 Concen: 79.075 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.9	8.7	13.1

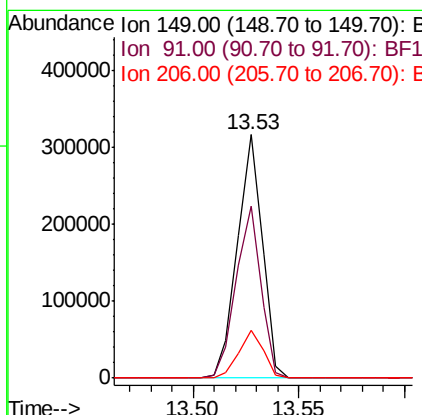
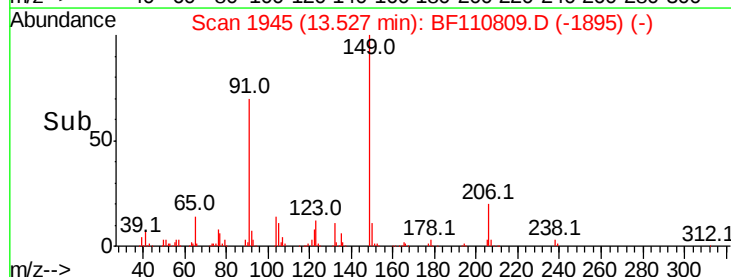
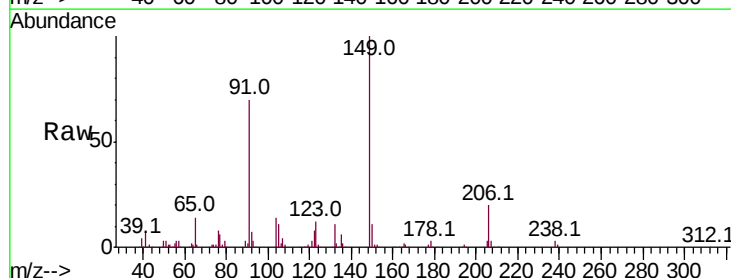
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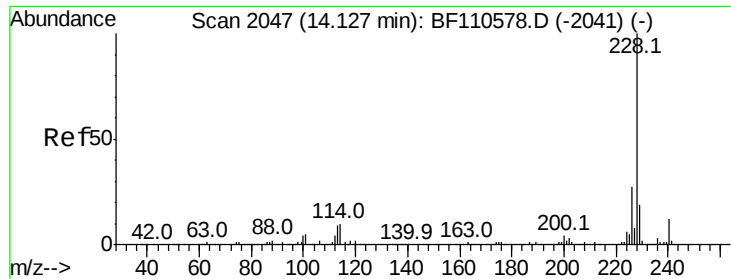
Sohil
 11/19/2018 11:55:34 AM



#80
 Butylbenzylphthalate
 Concen: 40.655 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.2	85.8
206	19.7	15.7	23.5





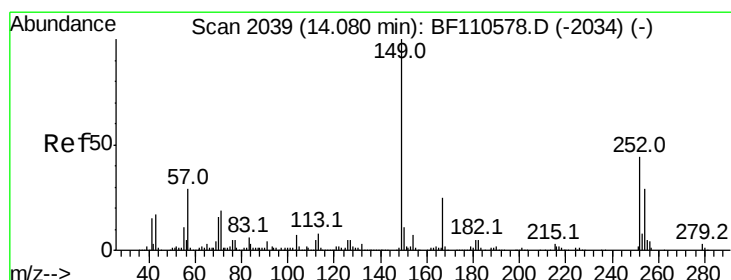
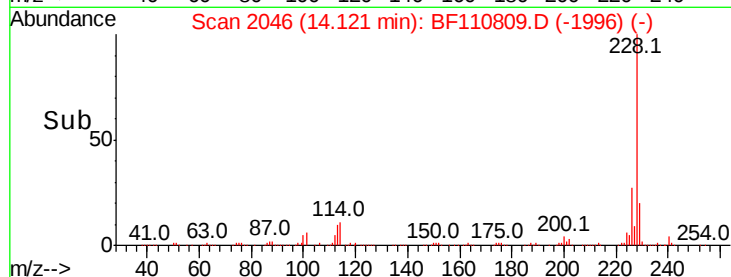
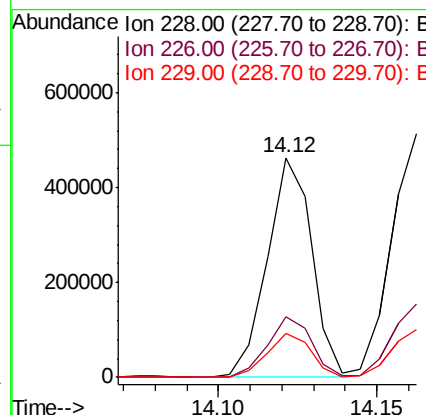
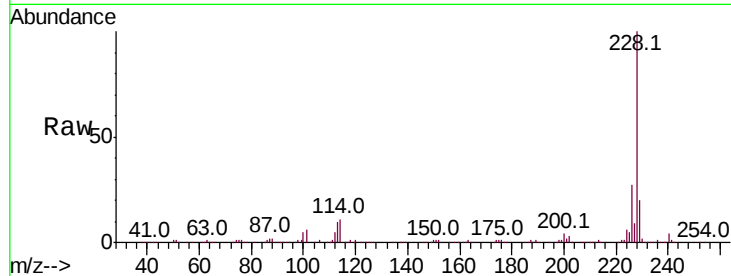
#81
Benzo(a)anthracene
Concen: 39.675 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.9	15.6	23.4

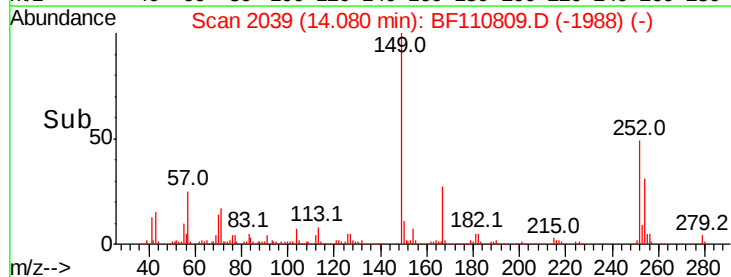
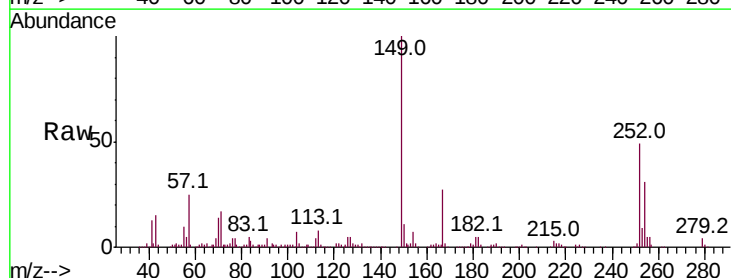
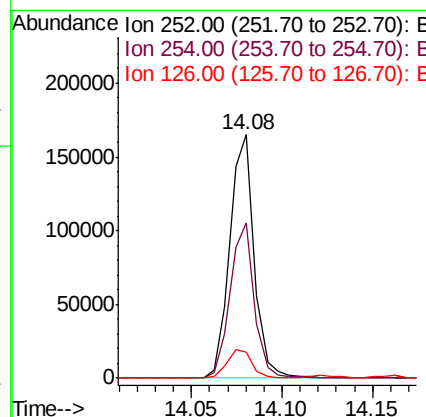
Manual Integrations
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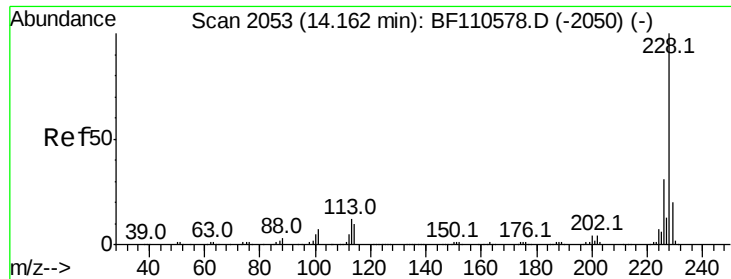
Sohil
11/19/2018 11:55:34 AM



#82
3,3'-Dichlorobenzidine
Concen: 40.310 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	10.7	9.4	14.2





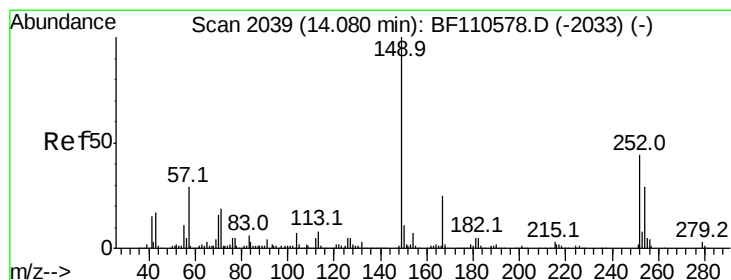
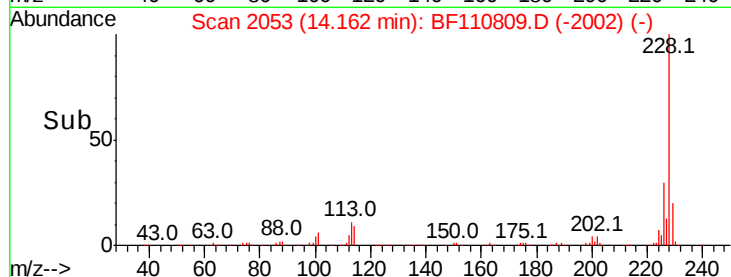
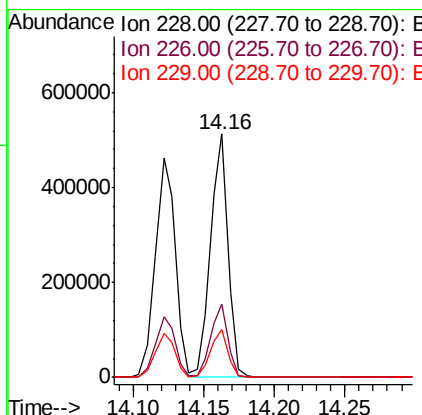
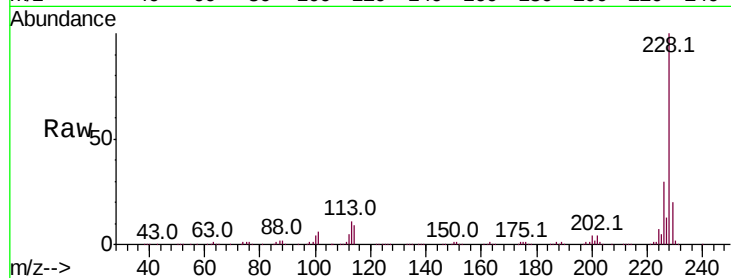
#83
 Chrysene
 Concen: 40.398 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.6	15.9	23.9

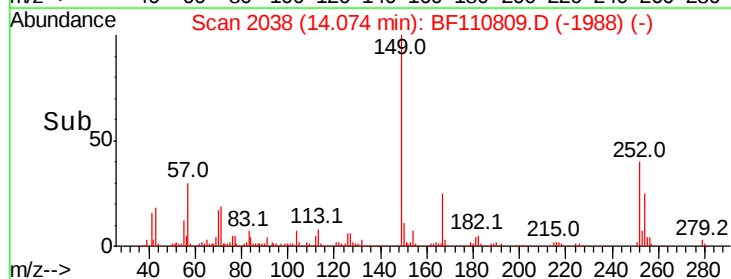
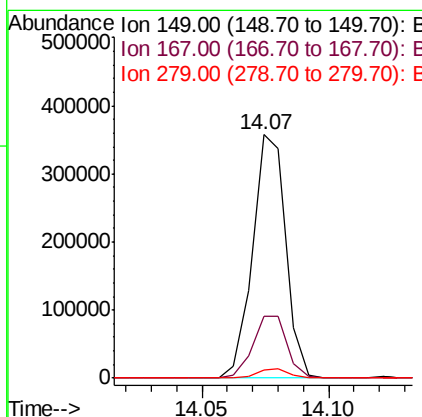
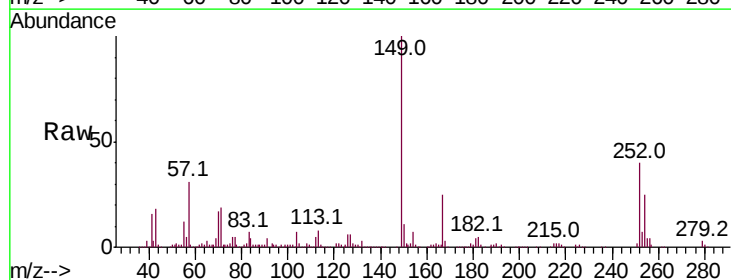
Manual Integrations
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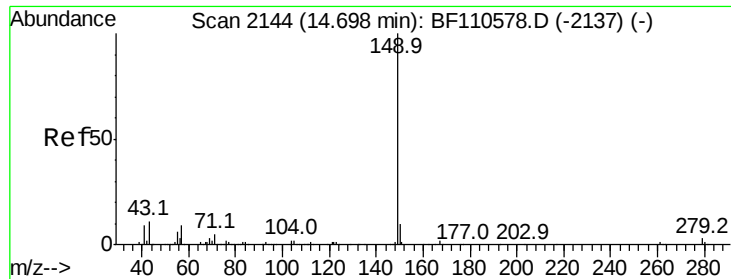
Sohil
 11/19/2018 11:55:34 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.239 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF110809.D
 Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	19.8	29.8
279	3.2	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 42.510 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110809.D

Acq: 16 Nov 2018 11:21

Instrument :

BNA_F

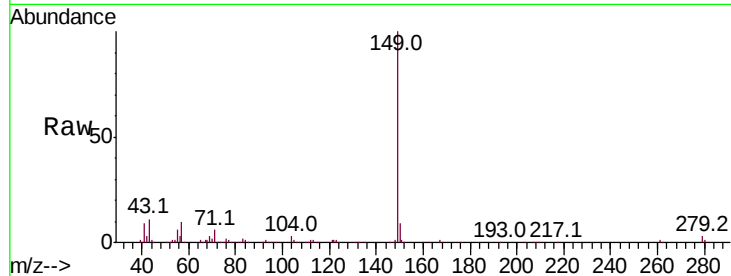
ClientSampleId :

SSTDCCC040

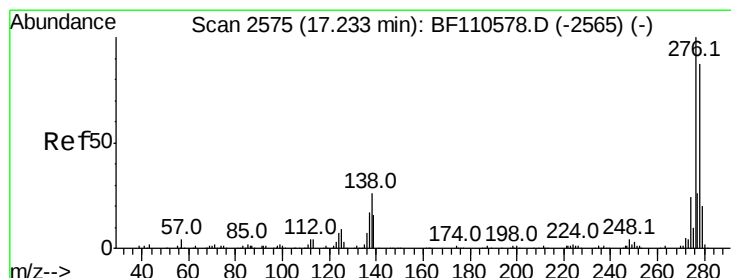
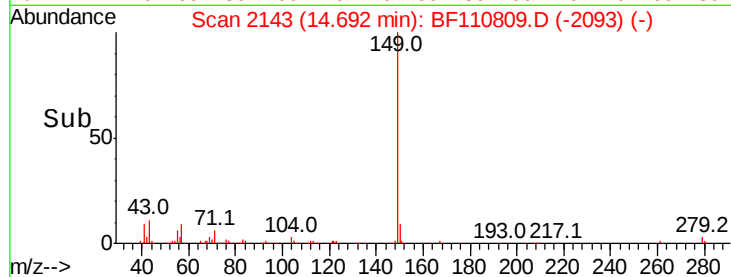
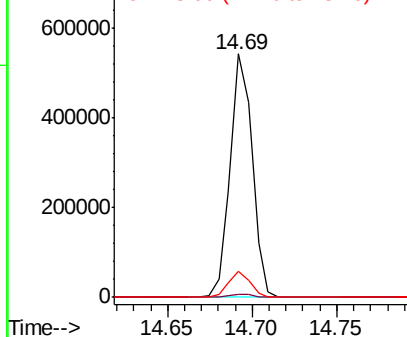
Tot Ion:	149	Resp:	493132
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.306 ng

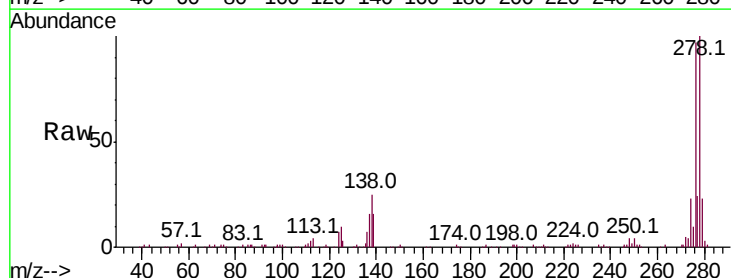
RT: 17.24 min Scan# 2577

Delta R.T. 0.01 min

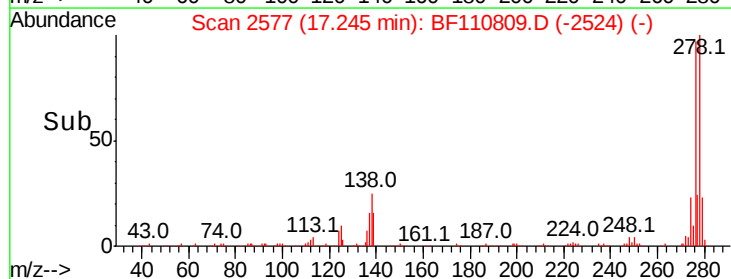
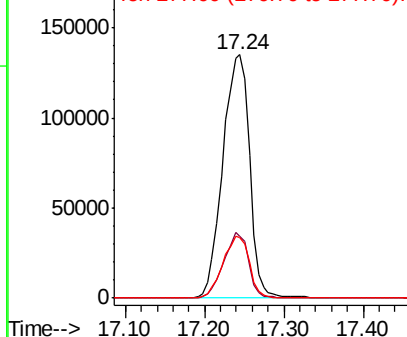
Lab File: BF110809.D

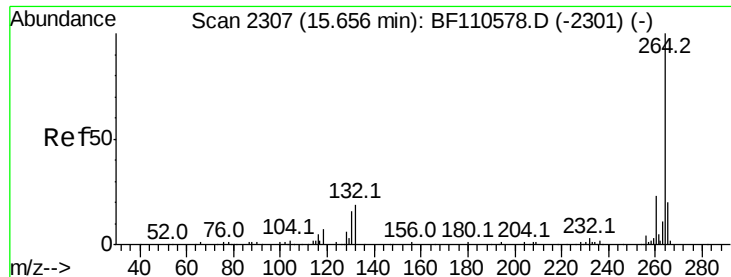
Acq: 16 Nov 2018 11:21

Tgt Ion:	276	Resp:	316030
Ion Ratio	Lower	Upper	
276	100		
138	24.9	18.5	27.7
277	24.9	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





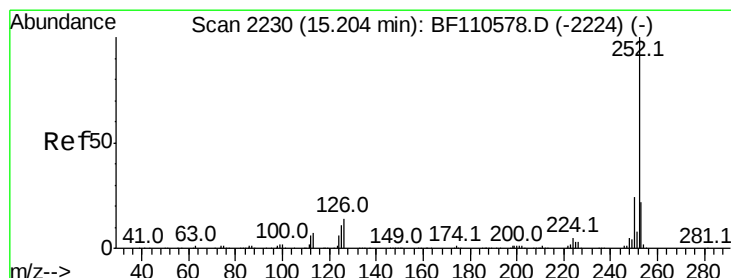
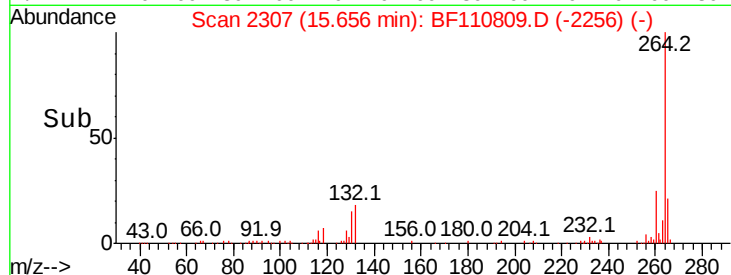
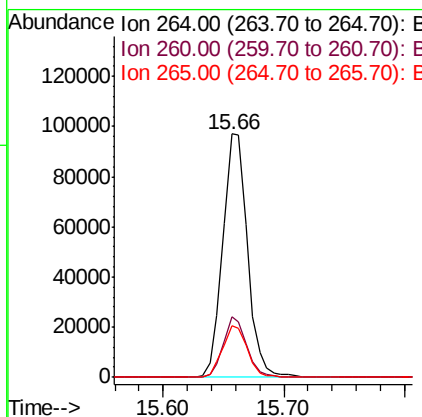
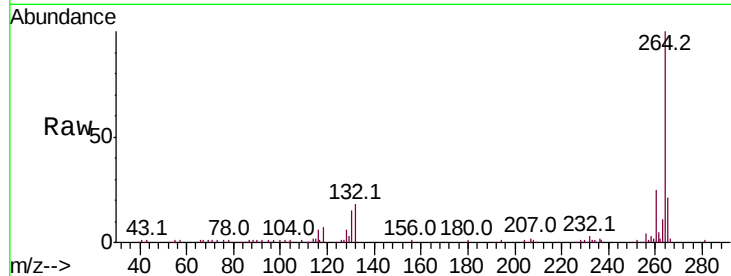
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.2	16.7	25.1

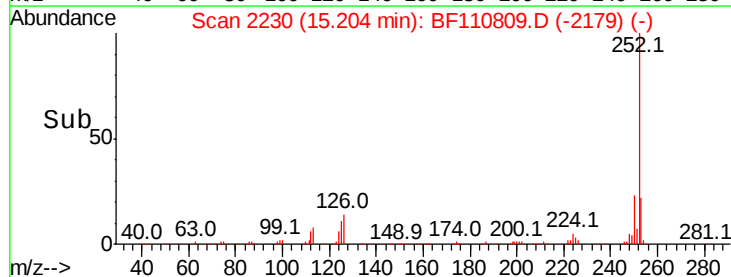
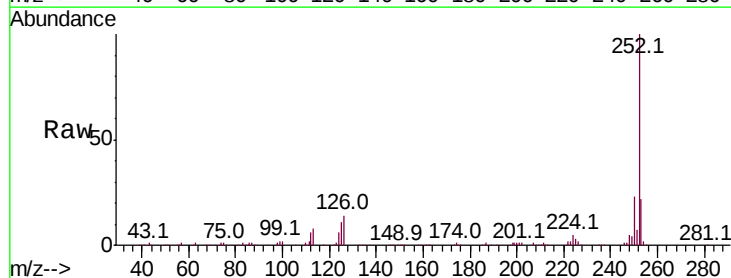
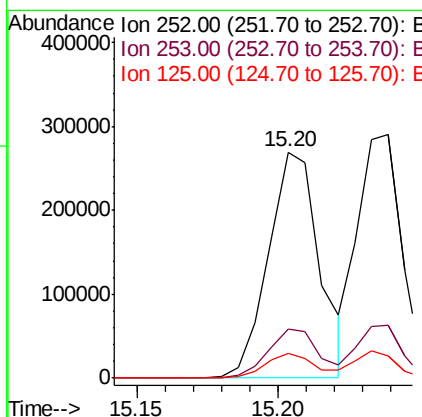
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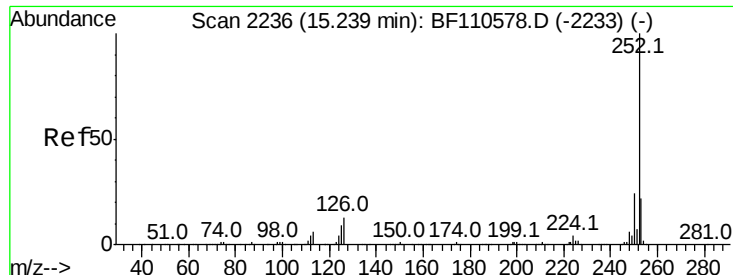
Sohil
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#88
Benzo(b)fluoranthene
Concen: 41.076 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.0	8.2	12.4





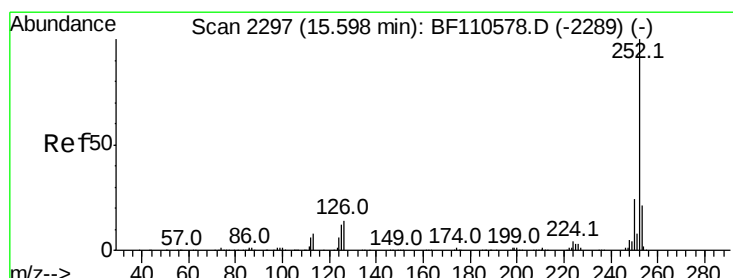
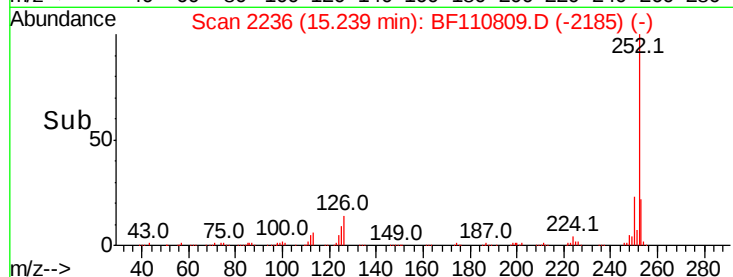
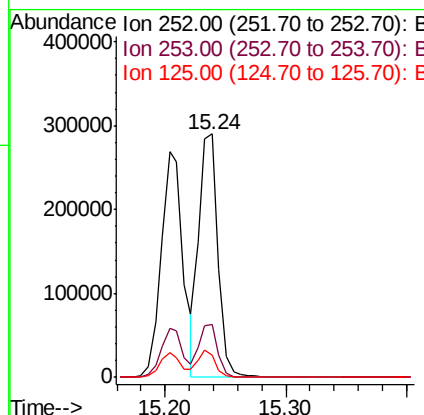
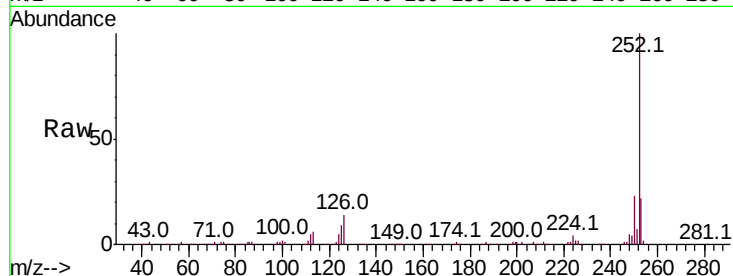
#89
Benzo(k)fluoranthene
Concen: 39.310 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.3	7.4	11.0

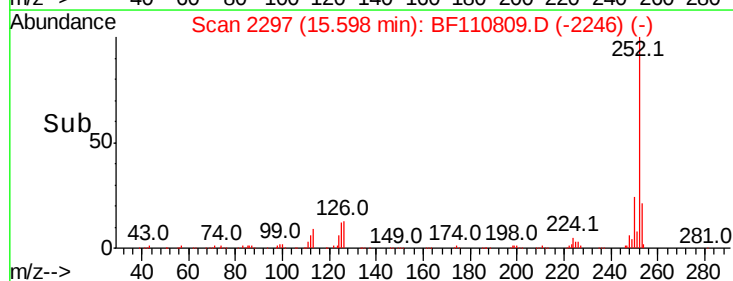
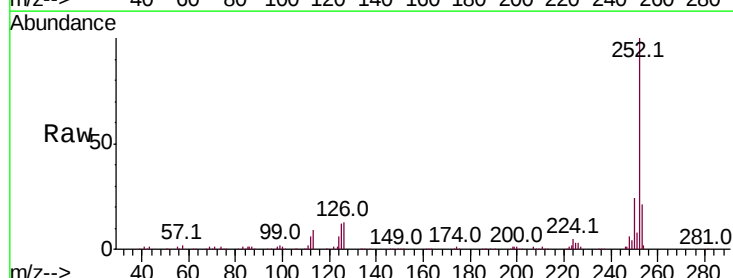
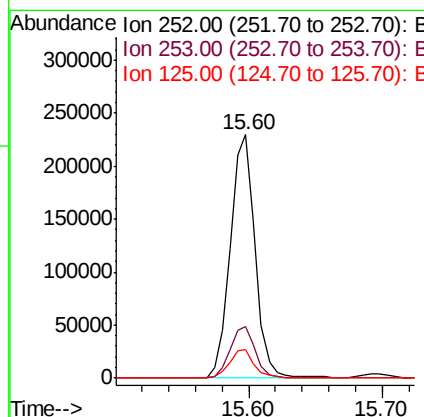
Manual Integrations
APPROVED

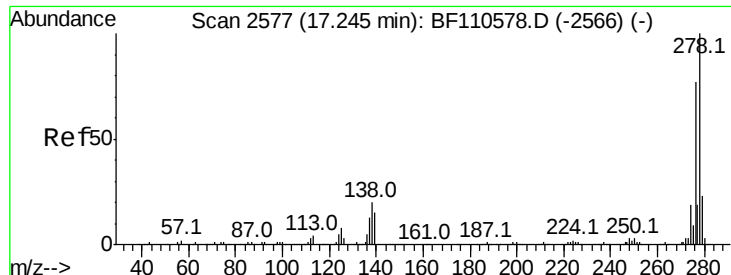
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#90
Benzo(a)pyrene
Concen: 39.965 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	11.5	9.0	13.6





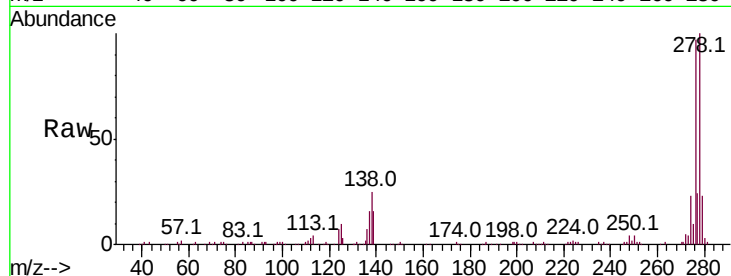
#91
Dibenzo(a,h)anthracene
Concen: 41.574 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

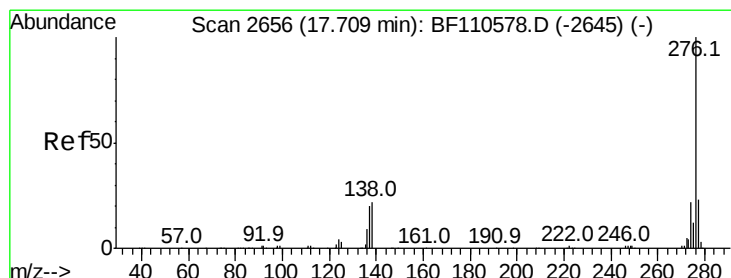
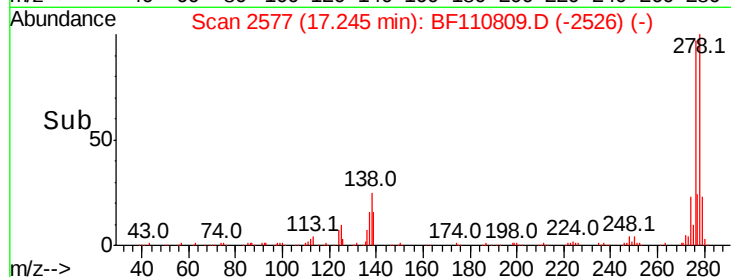
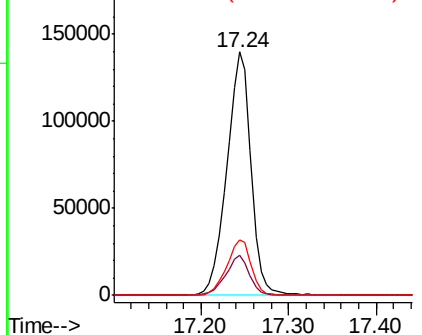
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	22.8	19.0	28.4

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.184 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110809.D
Acq: 16 Nov 2018 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	21.2	16.0	24.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

