

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110842.D
 Acq On : 19 Nov 2018 10:11
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 11/20/2018 11:07:13 AM

Quant Time: Nov 19 10:40:53 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	66962	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	285673	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	136317	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	260260	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	197333	20.00	ng	0.00
87) Perylene-d12	15.66	264	137020	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	332568	80.67	ng	0.00
7) Phenol-d6	6.57	99	421002	79.86	ng	0.00
23) Nitrobenzene-d5	7.51	82	405672	81.78	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	110029	80.10	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	749457	78.52	ng	0.00
79) Terphenyl-d14	13.06	244	795792	75.52	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	78128	38.036	ng	90
3) Pyridine	3.55	79	164151	37.024	ng	# 85
4) n-Nitrosodimethylamine	3.52	42	79697	41.893	ng	86
6) Aniline	6.60	93	266563	38.774	ng	# 56
8) 2-Chlorophenol	6.73	128	197156	40.796	ng	99
9) Benzaldehyde	6.50	77	116433	41.534	ng	95
10) Phenol	6.58	94	245248	40.121	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	177668	38.783	ng	96
12) 1,3-Dichlorobenzene	6.88	146	211304	39.961	ng	98
13) 1,4-Dichlorobenzene	6.96	146	217152	40.442	ng	99
14) 1,2-Dichlorobenzene	7.11	146	201377	40.315	ng	98
15) Benzyl Alcohol	7.09	79	167283	40.549	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	286344	39.803	ng	72
17) 2-Methylphenol	7.19	107	152938	39.764	ng	# 83
18) Hexachloroethane	7.45	117	80165	40.440	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	137177	40.765	ng	94
20) 3+4-Methylphenols	7.35	107	201399	40.791	ng	# 86
22) Acetophenone	7.35	105	270631	40.649	ng	# 93
24) Nitrobenzene	7.53	77	206176	40.567	ng	98
25) Isophorone	7.76	82	321826	39.584	ng	96
26) 2-Nitrophenol	7.85	139	103962	41.003	ng	92
27) 2,4-Dimethylphenol	7.87	122	155414	40.248	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	219427	39.861	ng	98
29) 2,4-Dichlorophenol	8.08	162	162500	40.899	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	181994	40.626	ng	95
31) Naphthalene	8.25	128	531633	39.642	ng	100
32) Benzoic acid	8.00	122	98851	36.182	ng	92
33) 4-Chloroaniline	8.30	127	238023	39.184	ng	98
34) Hexachlorobutadiene	8.35	225	102949	40.234	ng	98
35) Caprolactam	8.68	113	52485	39.538	ng	91
36) 4-Chloro-3-methylphenol	8.77	107	174847	40.804	ng	98
37) 2-Methylnaphthalene	8.94	142	351408	39.972	ng	99
38) 1-Methylnaphthalene	9.03	142	338452	40.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	174546	40.451	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	65559	42.885	nq	97
43) 2,4,6-Trichlorophenol	9.22	196	106470	39.266	nq	99
44) 2,4,5-Trichlorophenol	9.26	196	110243	38.115	nq	94
46) 1,1'-Biphenyl	9.40	154	506014	39.792	nq	100
47) 2-Chloronaphthalene	9.43	162	365497	39.895	nq	98
48) 2-Nitroaniline	9.53	65	117692	41.688	nq	96
49) Acenaphthylene	9.85	152	522645	39.613	nq	98
50) Dimethylphthalate	9.70	163	403018	39.622	nq	99
51) 2,6-Dinitrotoluene	9.77	165	90612	40.496	nq	88
52) Acenaphthene	10.02	154	330292	39.613	nq	98
53) 3-Nitroaniline	9.95	138	104396	40.271	nq	98
54) 2,4-Dinitrophenol	10.06	184	33100	39.654	nq	93
55) Dibenzofuran	10.19	168	479038	39.269	nq	97
56) 4-Nitrophenol	10.11	139	55600	32.329	nq	96
57) 2,4-Dinitrotoluene	10.19	165	118217	40.634	nq	95
58) Fluorene	10.53	166	373550	39.867	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	91931	40.403	nq	94
60) Diethylphthalate	10.39	149	405293	40.276	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	194602	40.112	nq	97
62) 4-Nitroaniline	10.57	138	103588	39.682	nq	96
63) Azobenzene	10.68	77	399462	40.687	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	46839	35.709	nq	91
66) n-Nitrosodiphenylamine	10.64	169	347946	39.663	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	112578	39.139	nq	# 88
68) Hexachlorobenzene	11.09	284	117906	38.879	nq	# 93
69) Atrazine	11.16	200	103292	38.509	nq	99
70) Pentachlorophenol	11.29	266	52625	32.521	nq	95
71) Phenanthrene	11.50	178	542898	38.936	nq	99
72) Anthracene	11.56	178	559193	39.756	nq	99
73) Carbazole	11.71	167	541029	40.052	nq	100
74) Di-n-butylphthalate	12.02	149	630550	39.806	nq	98
75) Fluoranthene	12.70	202	555811	39.760	nq	99
77) Benzidine	12.82	184	178686m	32.927	nq	
78) Pyrene	12.93	202	568141	37.392	nq	99
80) Butylbenzylphthalate	13.52	149	255298	39.038	nq	96
81) Benzo(a)anthracene	14.12	228	465638	39.478	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	155835	39.440	nq	99
83) Chrysene	14.16	228	444692	39.574	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	330221	40.704	nq	97
85) Di-n-octyl phthalate	14.69	149	506951	42.494	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	292714	36.301	nq	99
88) Benzo(b)fluoranthene	15.20	252	342346	41.765	nq	100
89) Benzo(k)fluoranthene	15.23	252	349473	43.147	nq	99
90) Benzo(a)pyrene	15.59	252	303497	40.751	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	242443	38.468	nq	100
92) Benzo(g,h,i)perylene	17.72	276	242212	38.734	nq	98

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

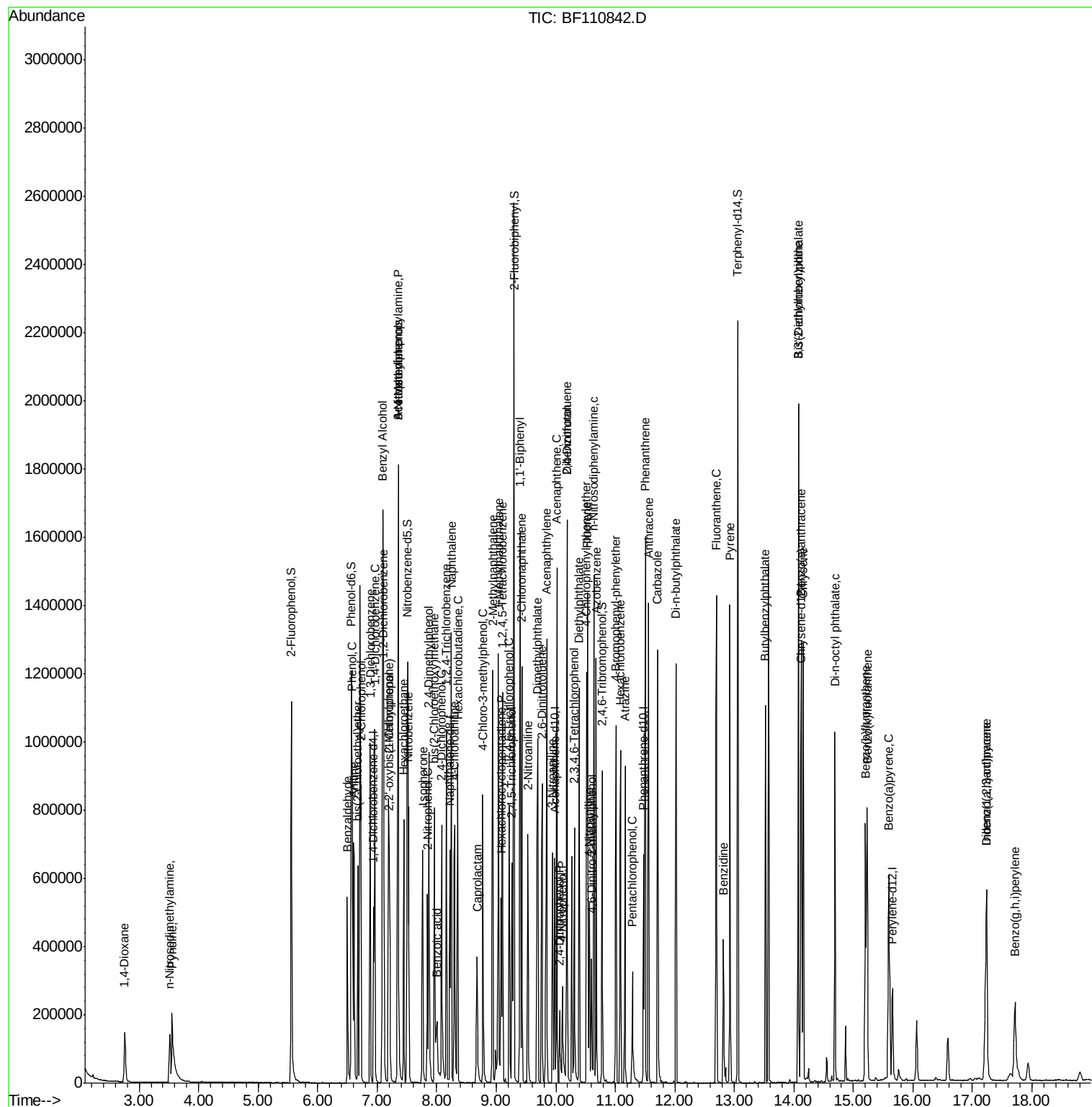
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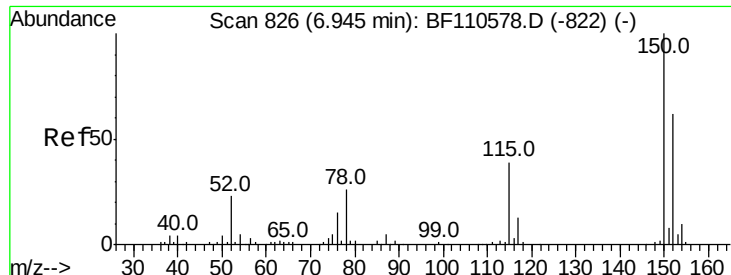
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

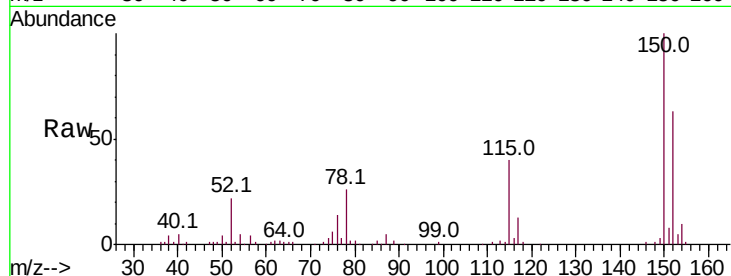
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
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ClientSampleId :
SSTDCCC040

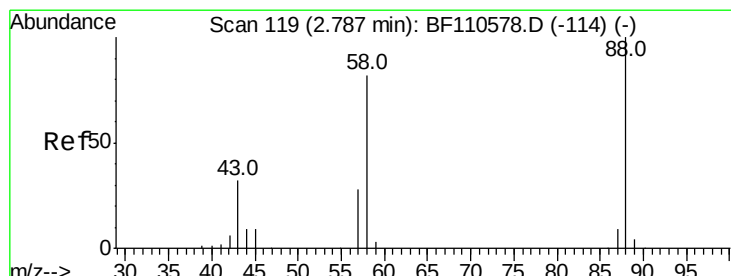
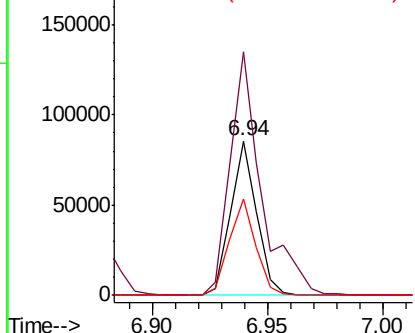
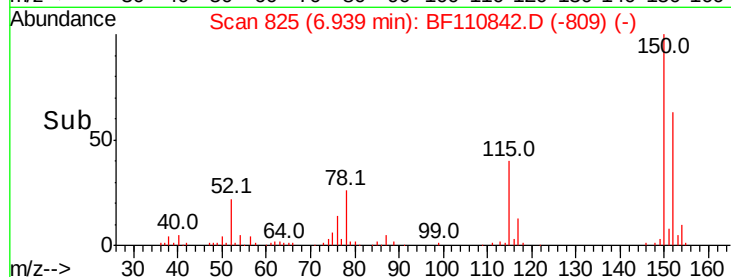
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	62.6	49.1	73.7

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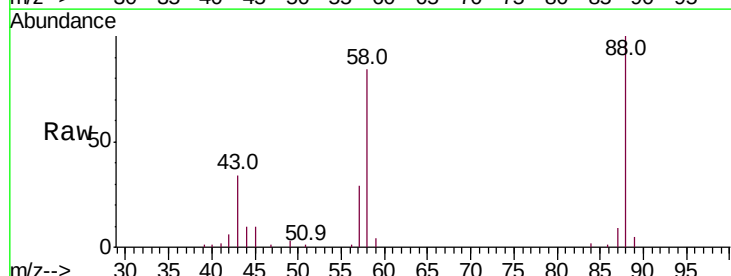
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



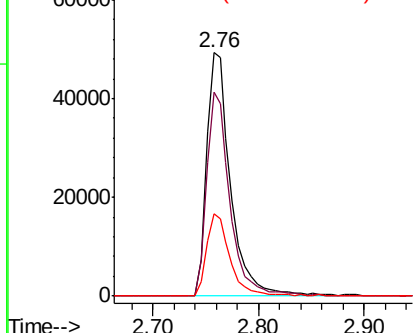
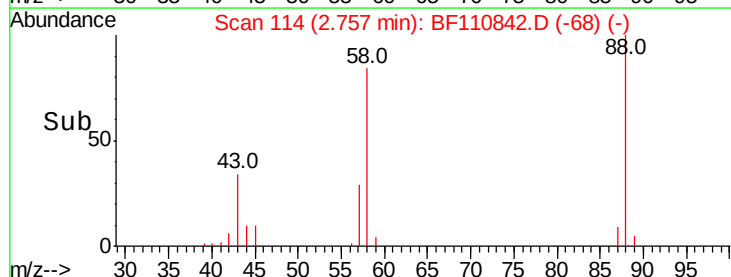
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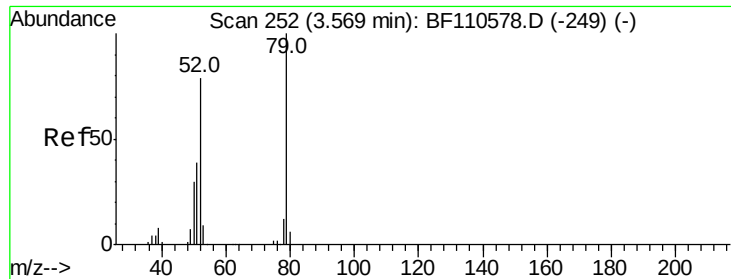
1,4-Dioxane
Concen: 38.036 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.03 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	57.1	85.7
43	33.1	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: 37.024 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.02 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

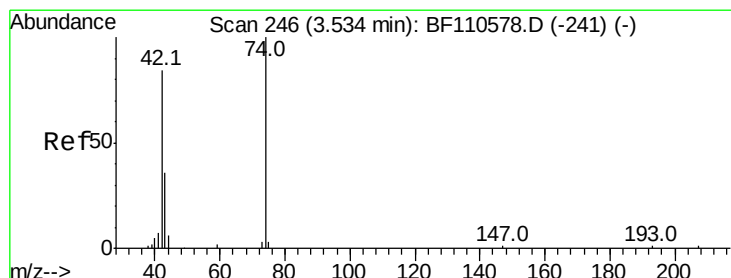
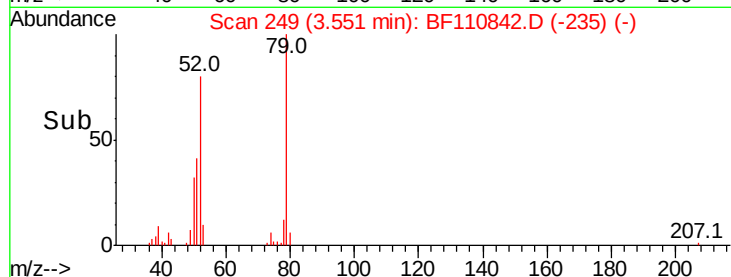
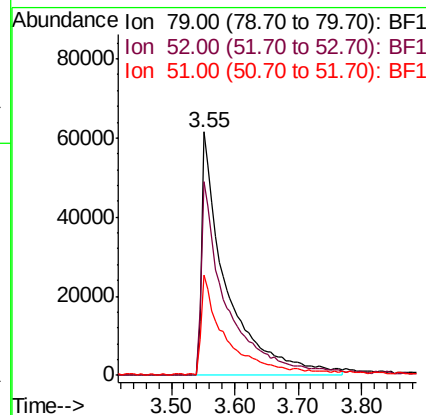
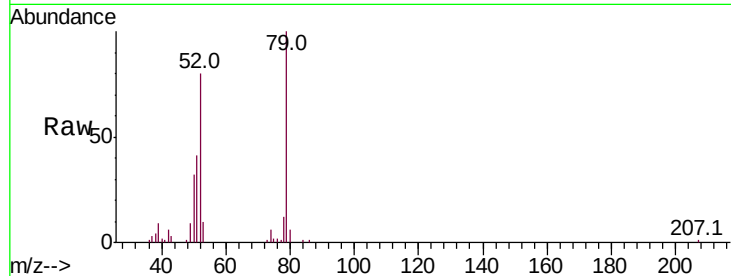
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	164151
Ion Ratio	Lower	Upper	
79	100		
52	79.5	53.1	79.7
51	41.2	27.4	41.2#

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#4

n-Nitrosodimethylamine

Concen: 41.893 ng

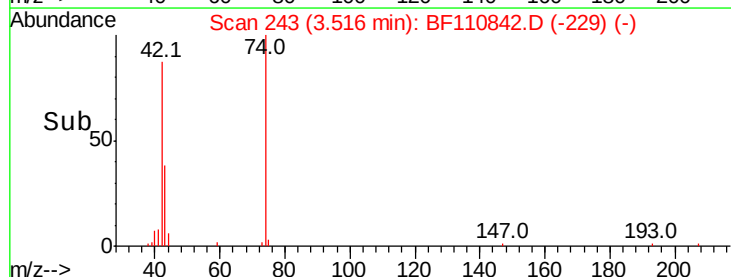
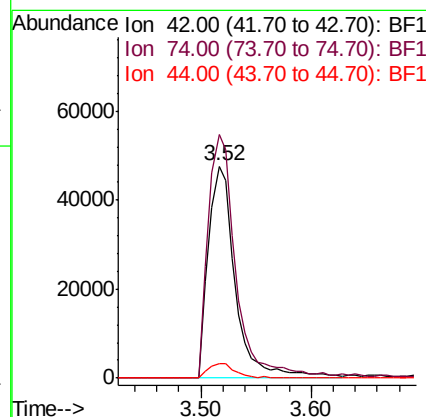
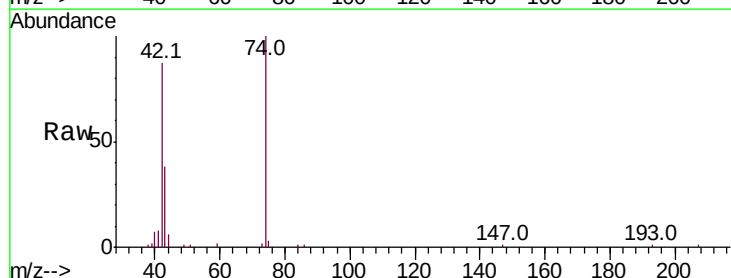
RT: 3.52 min Scan# 243

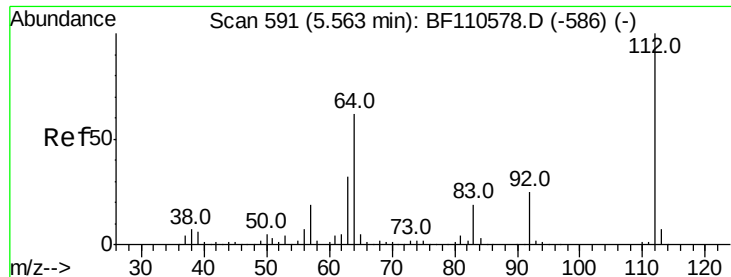
Delta R.T. -0.02 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Tgt Ion:	42	Resp:	79697
Ion Ratio	Lower	Upper	
42	100		
74	114.8	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 80.672 ng

RT: 5.56 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

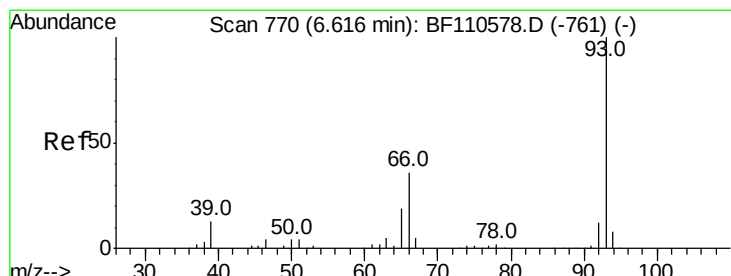
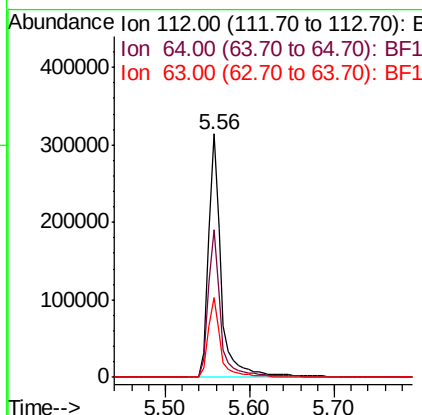
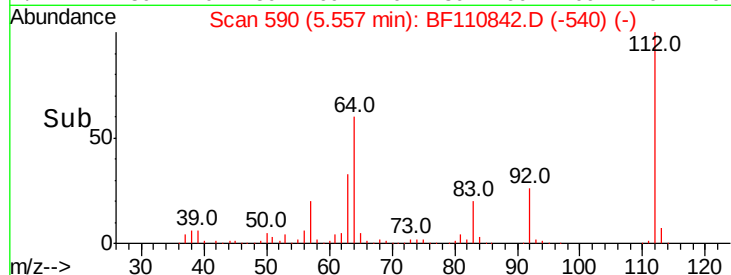
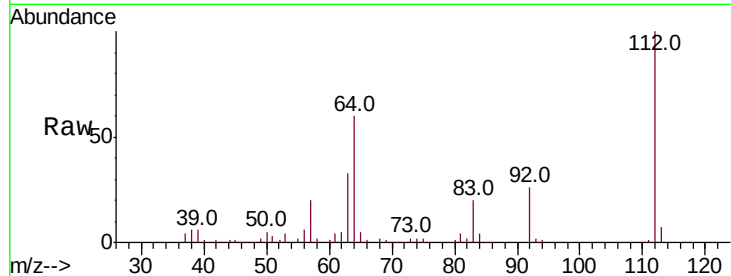
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	332568
Ion Ratio	Lower	Upper	
112	100		
64	60.5	44.1	66.1
63	33.0	23.7	35.5

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#6

Aniline

Concen: 38.774 ng

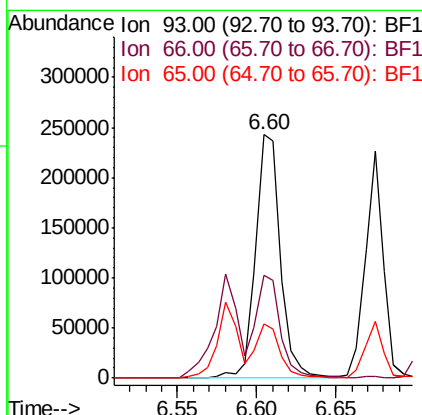
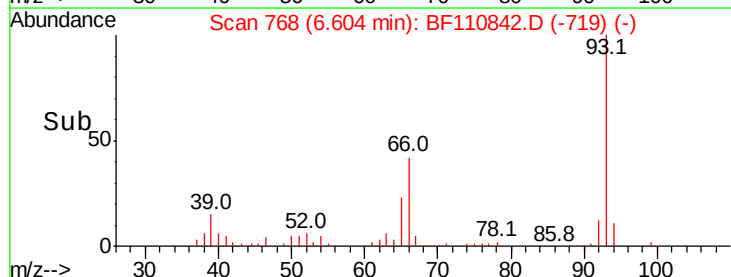
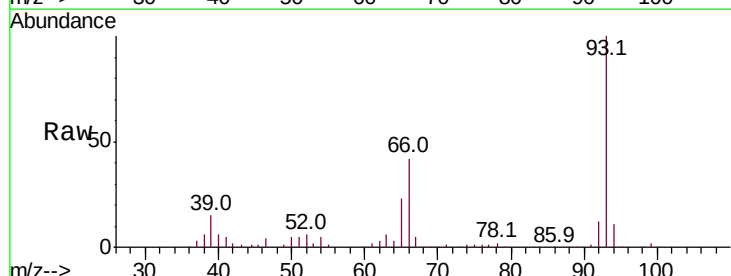
RT: 6.60 min Scan# 768

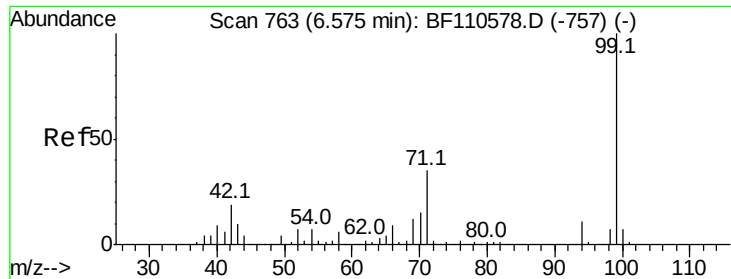
Delta R.T. -0.01 min

Lab File: BF110842.D

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Tgt Ion:	93	Resp:	266563
Ion Ratio	Lower	Upper	
93	100		
66	42.5	67.4	101.0#
65	22.5	41.0	61.4#





#7

Phenol-d6

Concen: 79.861 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

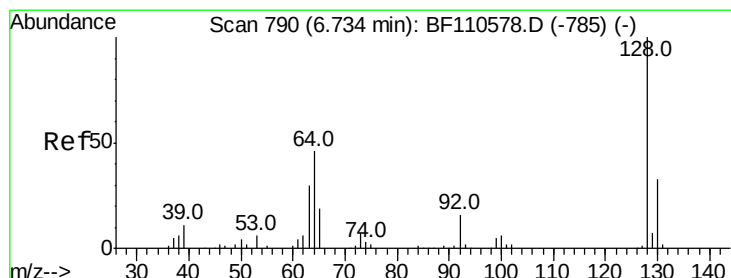
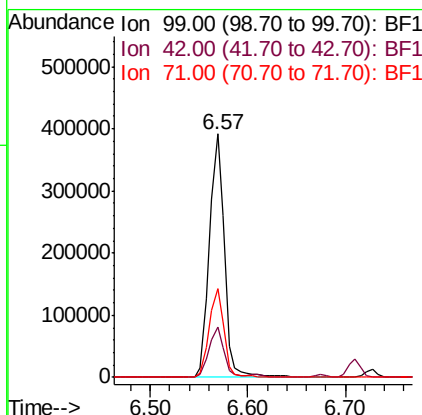
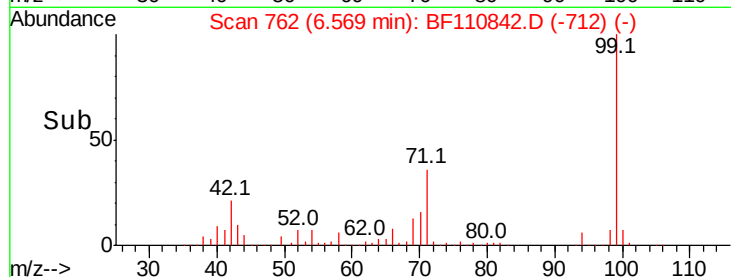
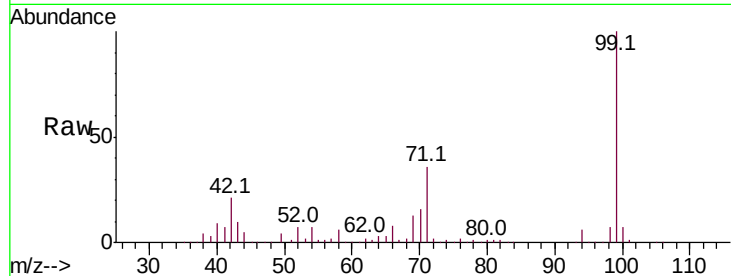
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	421002
Ion Ratio	Lower	Upper	
99	100		
42	20.6	15.8	23.6
71	36.4	28.0	42.0

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#8

2-Chlorophenol

Concen: 40.796 ng

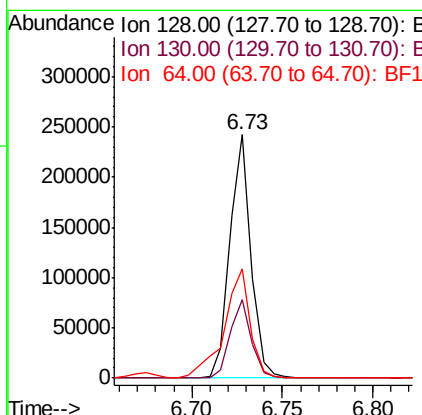
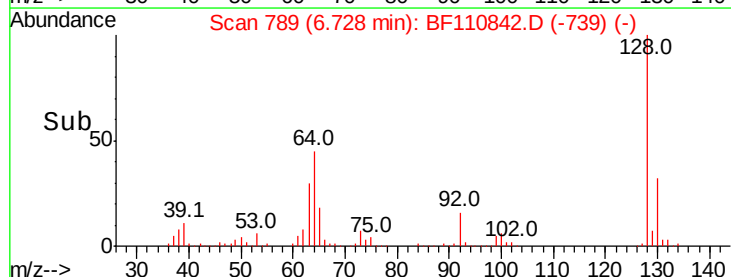
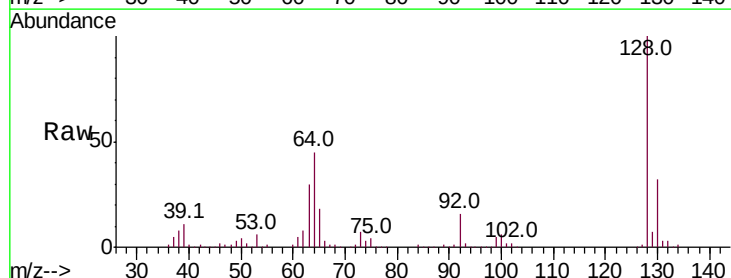
RT: 6.73 min Scan# 789

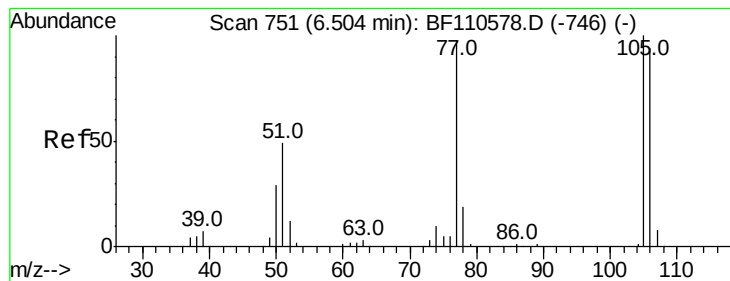
Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Tgt Ion:	128	Resp:	197156
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	45.1	26.0	66.0





#9

Benzaldehyde

Concen: 41.534 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

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Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

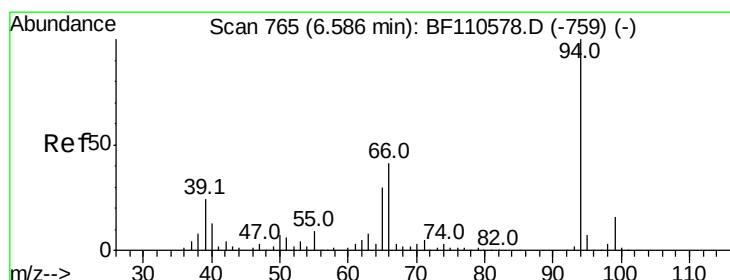
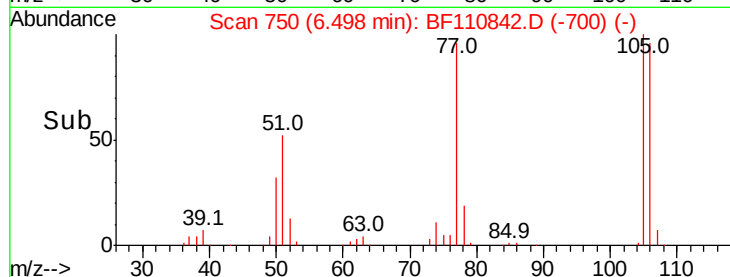
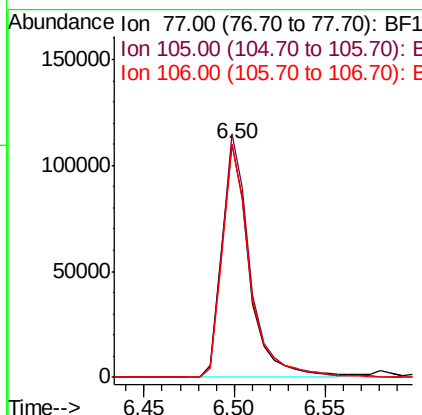
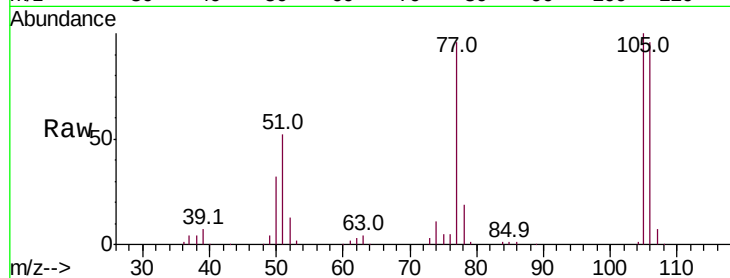
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Tot Ion:	77	Resp:	116433
Ion	Ratio	Lower	Upper
77	100		
105	104.1	78.6	118.6
106	99.8	74.8	114.8

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#10

Phenol

Concen: 40.121 ng

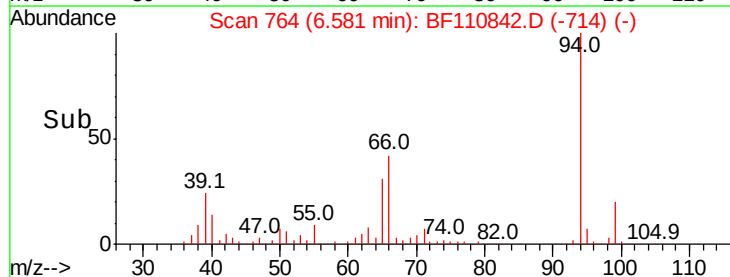
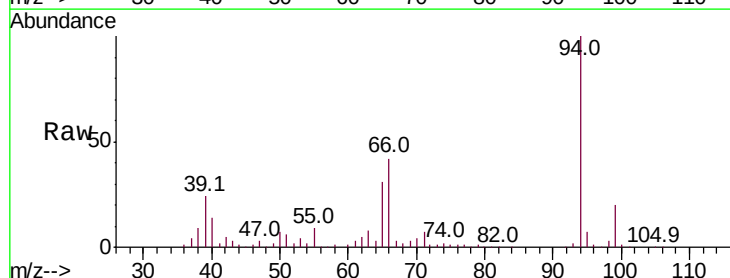
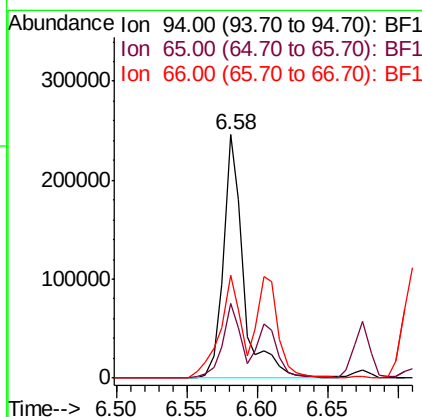
RT: 6.58 min Scan# 764

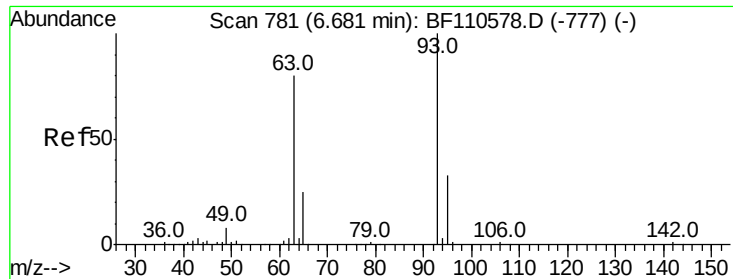
Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Tgt Ion:	94	Resp:	245248
Ion	Ratio	Lower	Upper
94	100		
65	30.9	25.3	65.3
66	42.4	54.5	94.5#





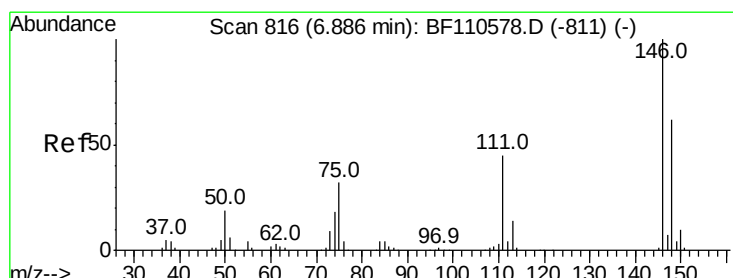
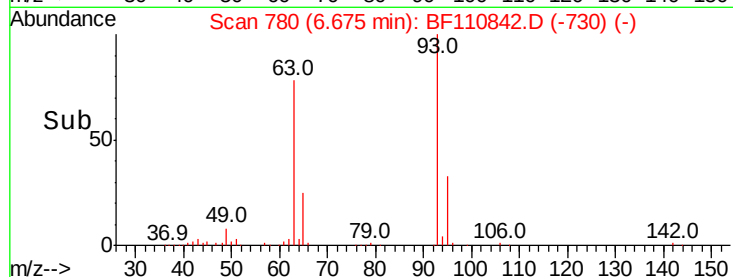
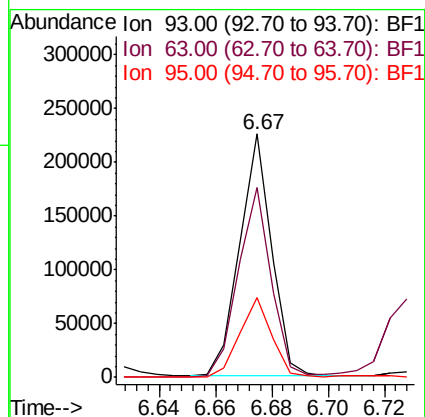
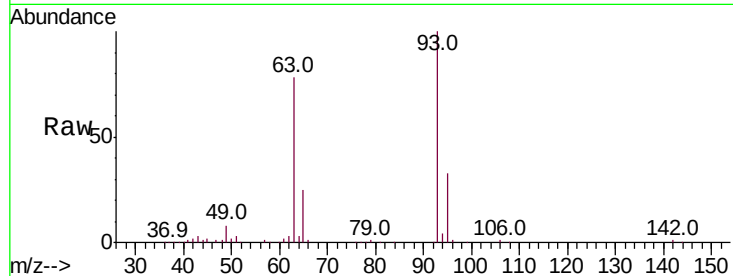
#11
bis(2-Chloroethyl)ether
Concen: 38.783 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	53.4	93.4
95	32.7	12.1	52.1

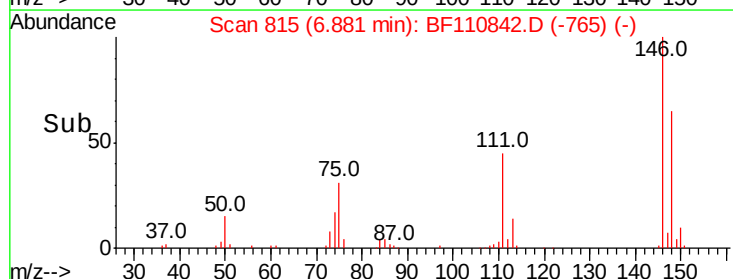
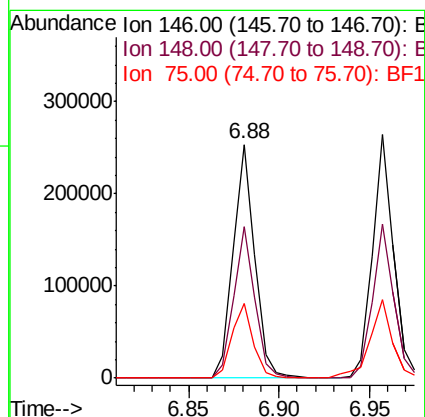
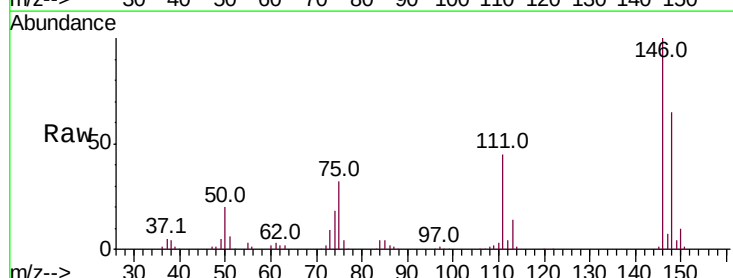
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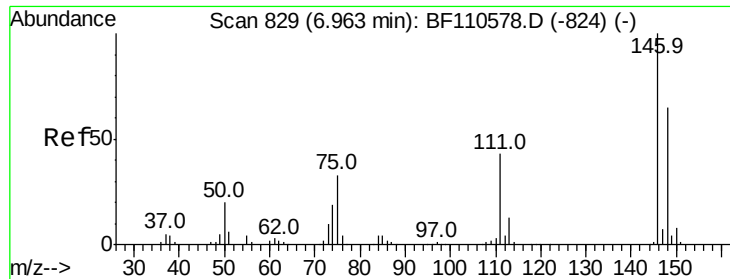
Sohil
11/20/2018 11:07:13 AM



#12
1,3-Dichlorobenzene
Concen: 39.961 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
75	32.0	25.8	38.6





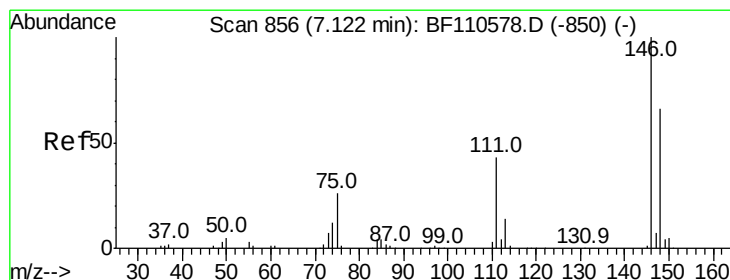
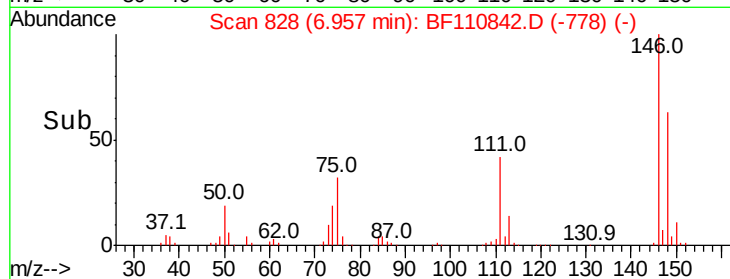
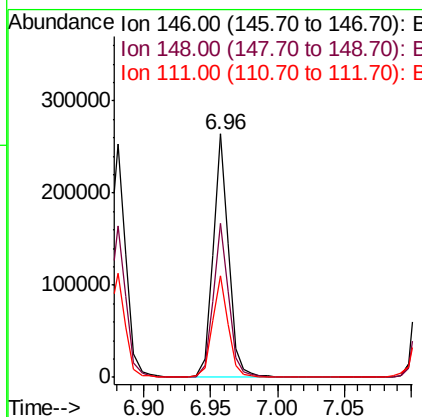
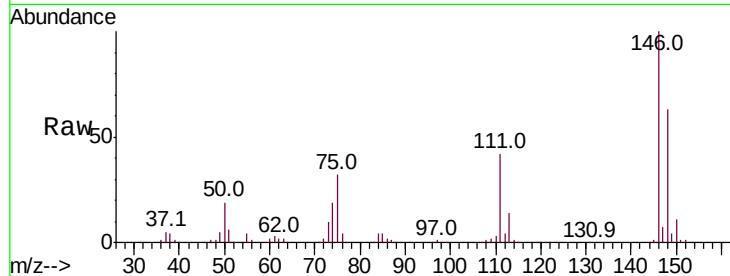
#13
 1,4-Dichlorobenzene
 Concen: 40.442 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.3	75.5
111	41.7	32.7	49.1

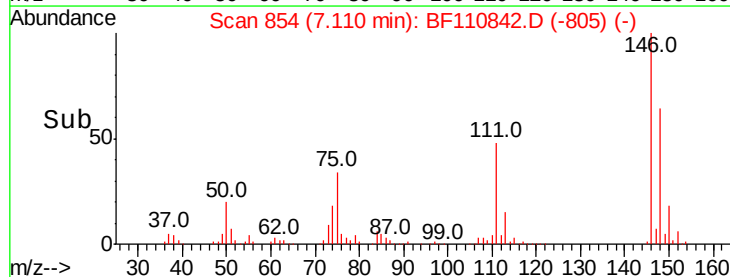
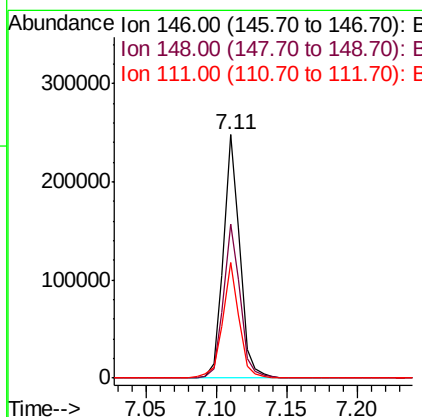
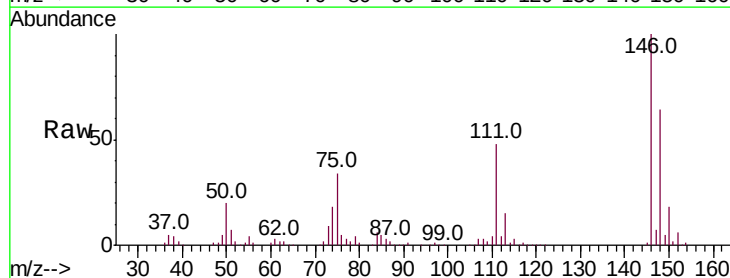
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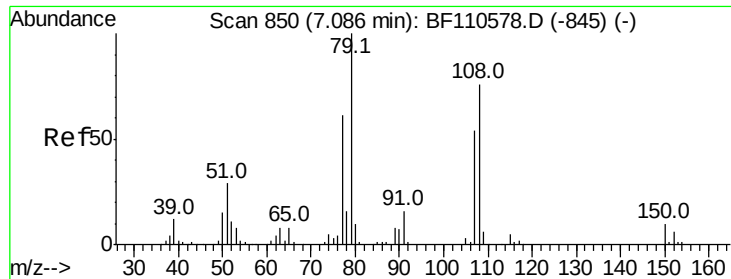
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.315 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	47.7	35.8	53.6





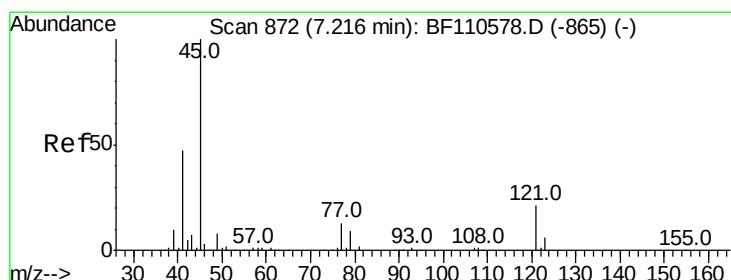
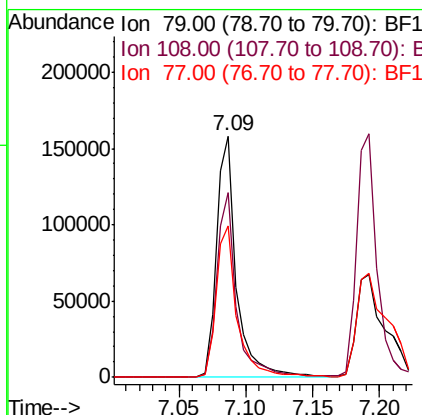
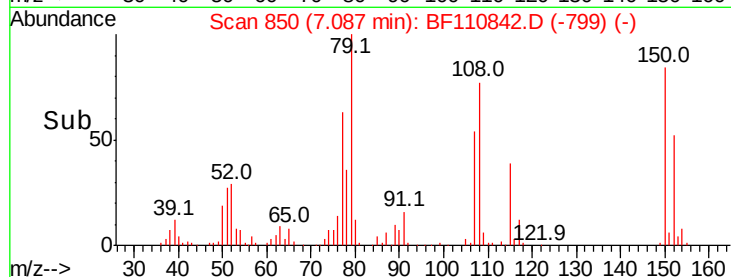
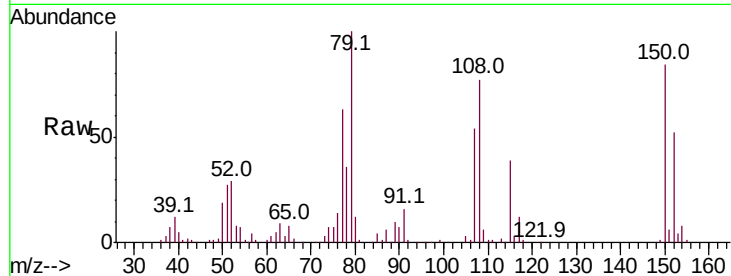
#15
Benzyl Alcohol
Concen: 40.549 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	56.3	84.5
77	62.9	52.9	79.3

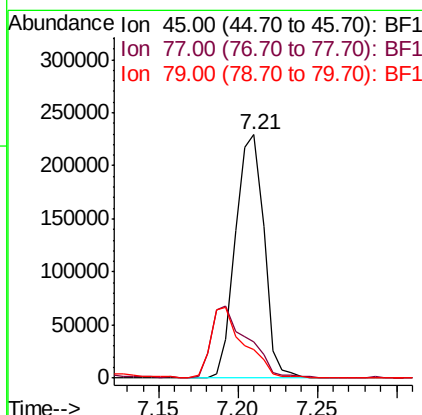
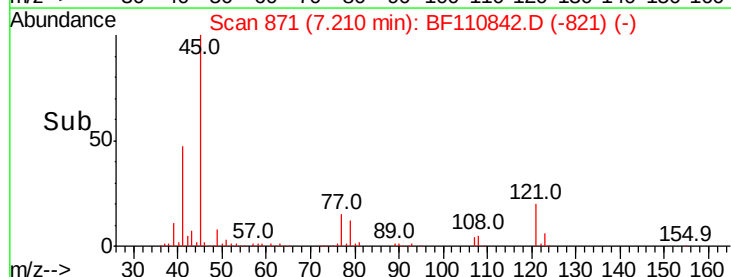
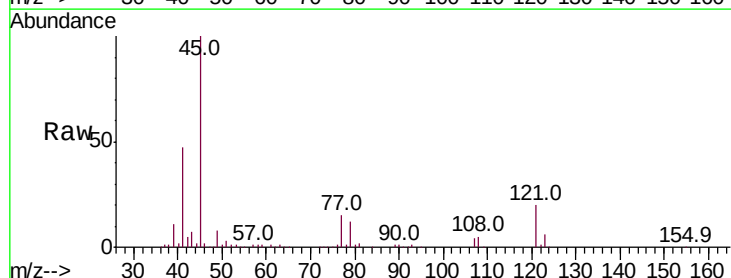
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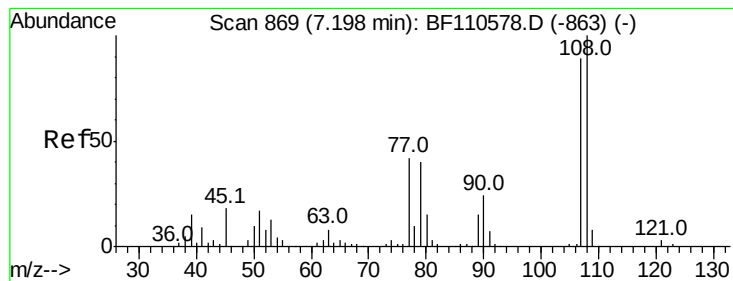
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.803 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	10.0	50.0
79	11.7	6.1	46.1





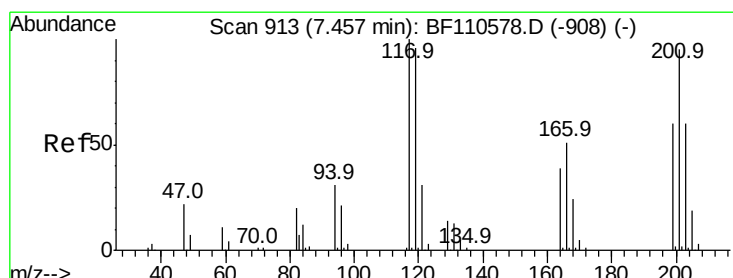
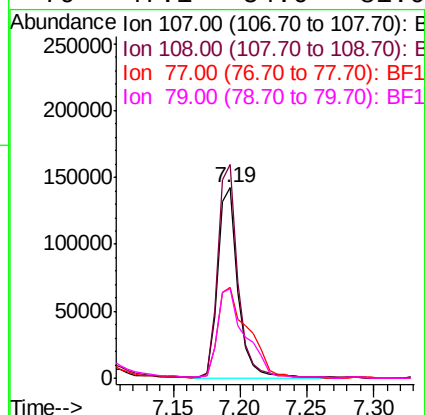
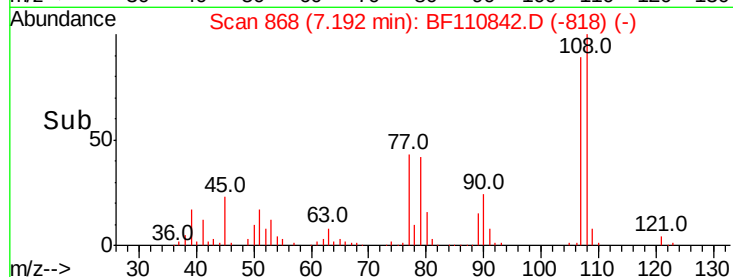
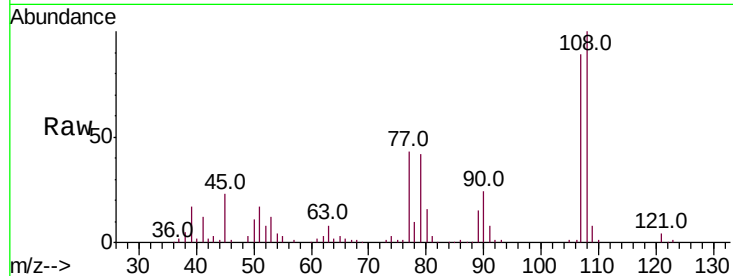
#17
2-Methylphenol
Concen: 39.764 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.6	138.8
77	48.0	59.4	89.2#
79	47.1	54.0	81.0#

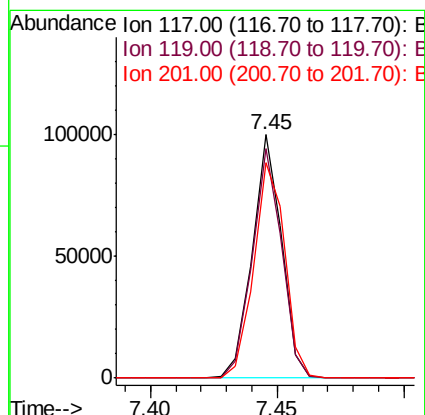
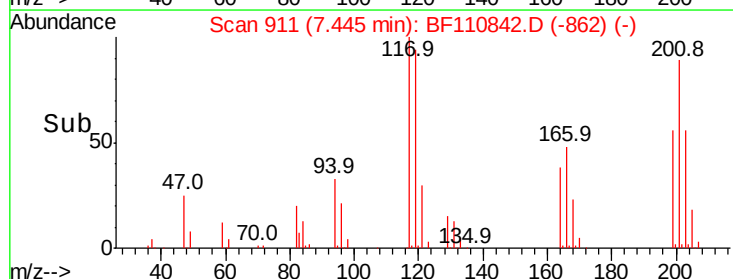
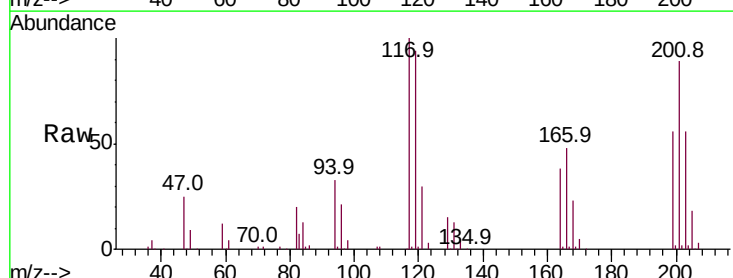
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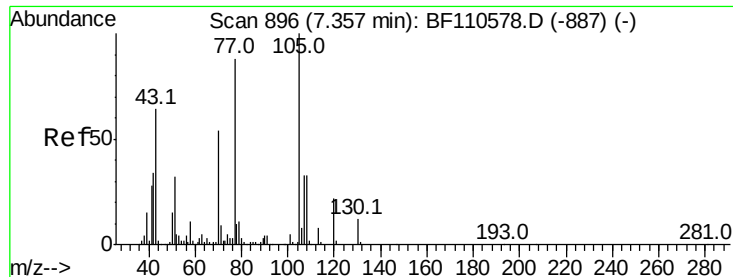
Sohil
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#18
Hexachloroethane
Concen: 40.440 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
201	88.6	79.2	118.8





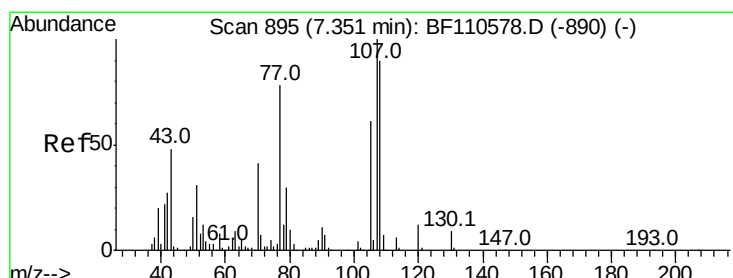
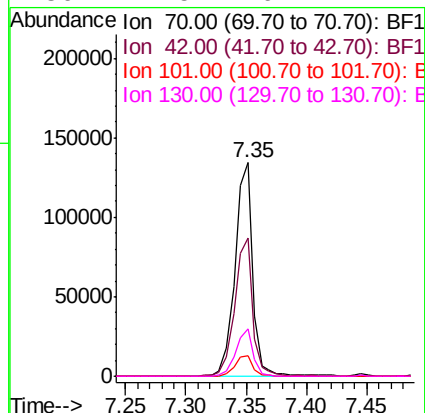
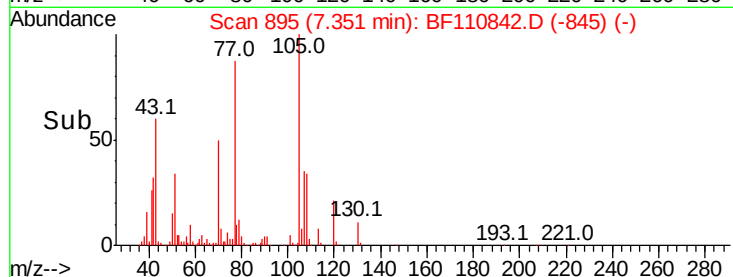
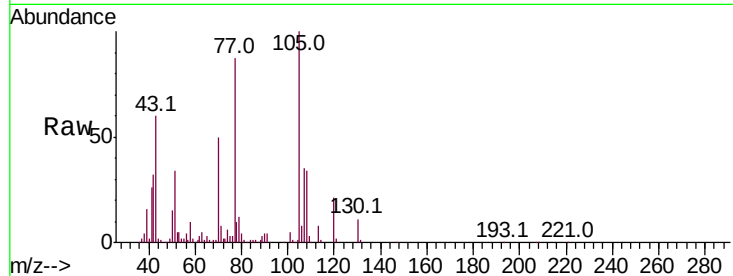
#19
n-Nitroso-di-n-propylamine
Concen: 40.765 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.8	7.3	10.9
130	22.5	16.2	24.2

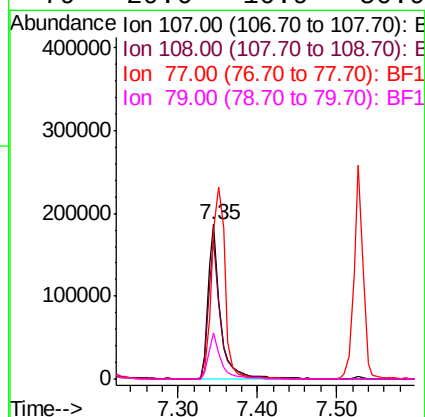
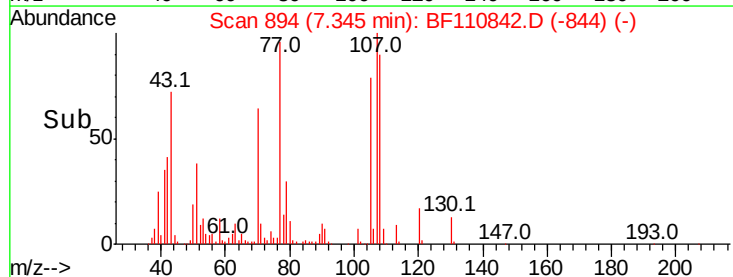
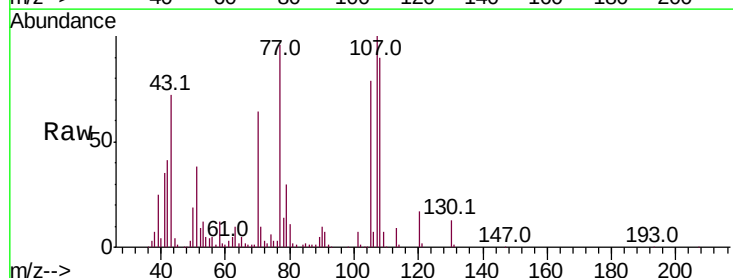
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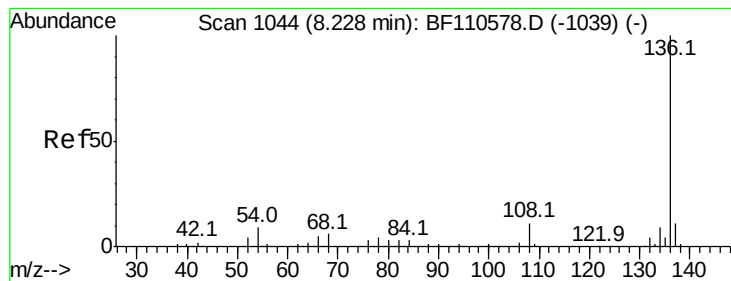
Sohil
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#20
3+4-Methylphenols
Concen: 40.791 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.4	111.4
77	96.4	47.3	87.3#
79	29.6	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: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

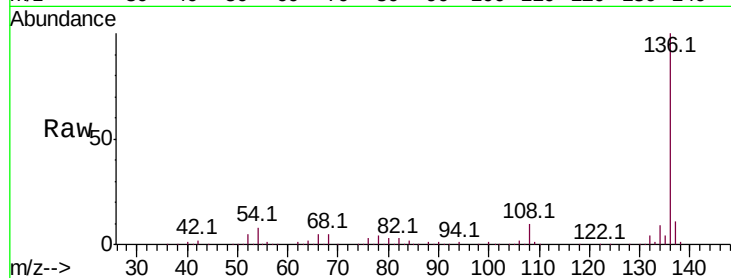
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	285673		
137	10.7		8.8	13.2
54	8.0		5.4	8.2
68	4.8		4.2	6.2

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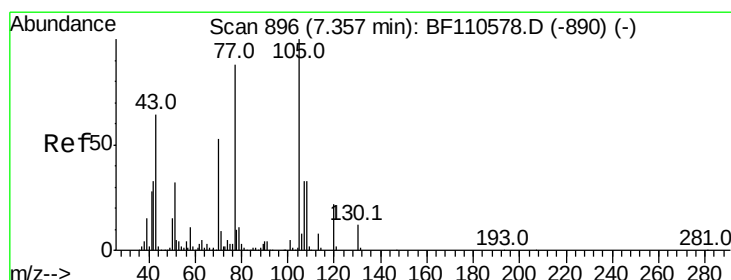
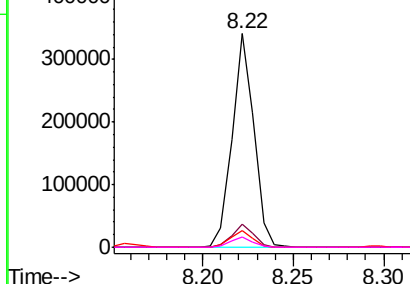
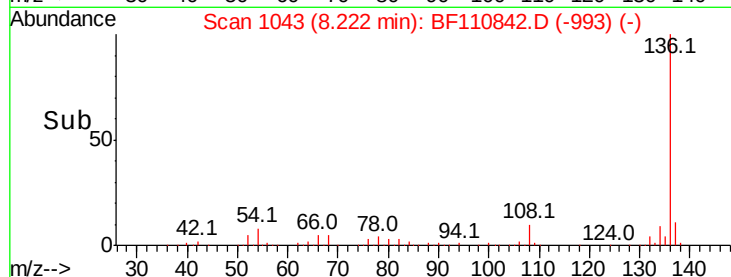
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.649 ng

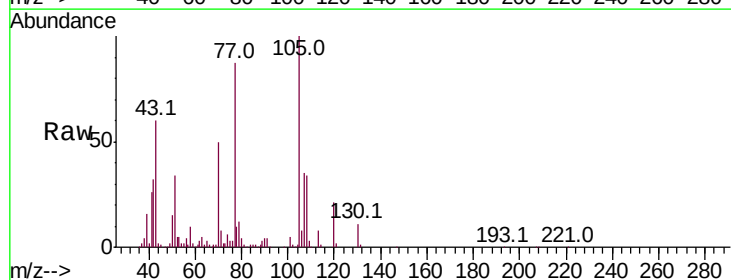
RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270631		
71	8.0		5.2	7.8#
51	33.8		21.8	32.8#
120	21.3		17.0	25.4



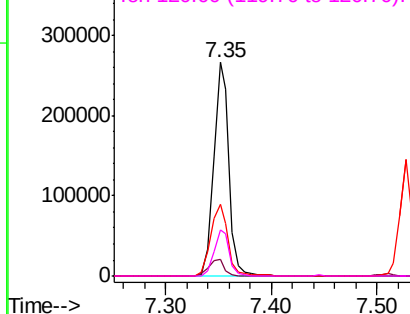
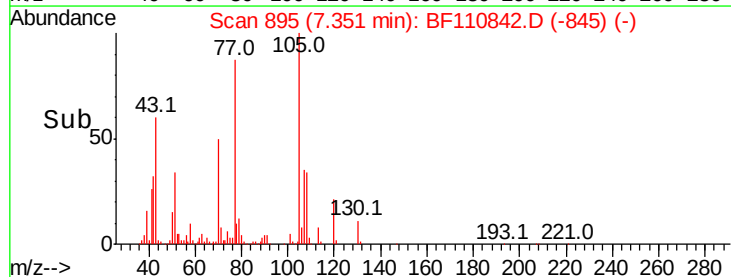
Abundance

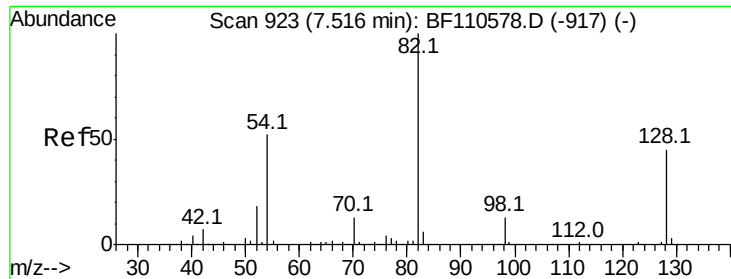
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





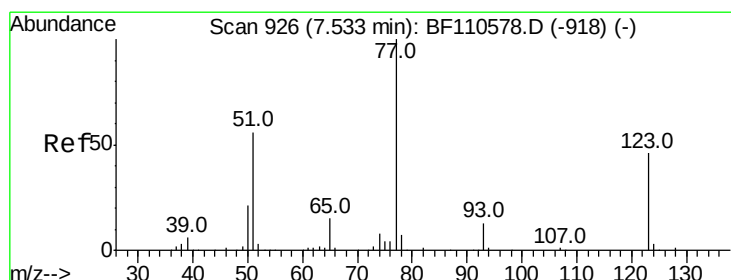
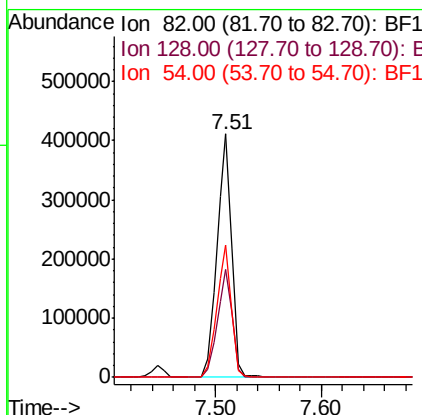
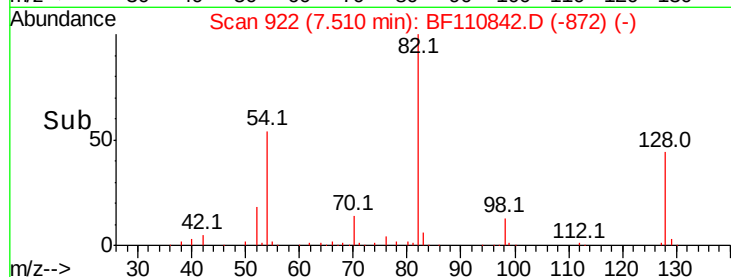
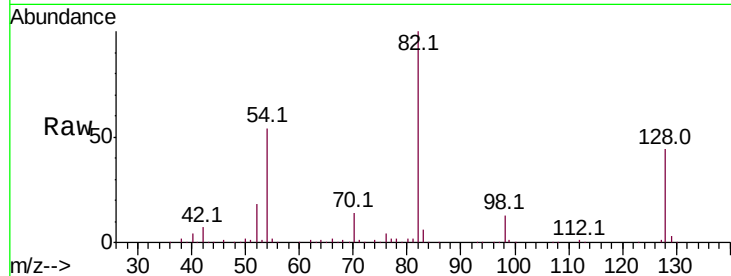
#23
 Nitrobenzene-d5
 Concen: 81.780 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	54.3	38.6	58.0

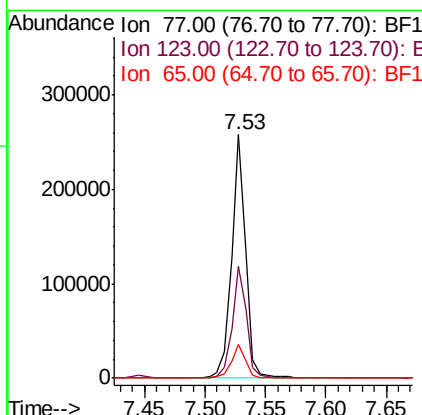
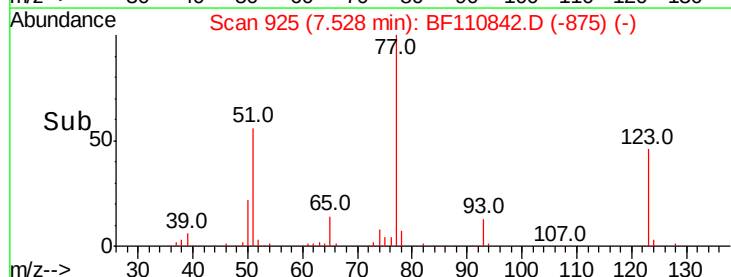
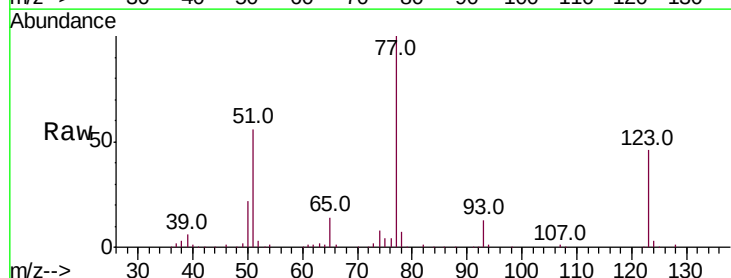
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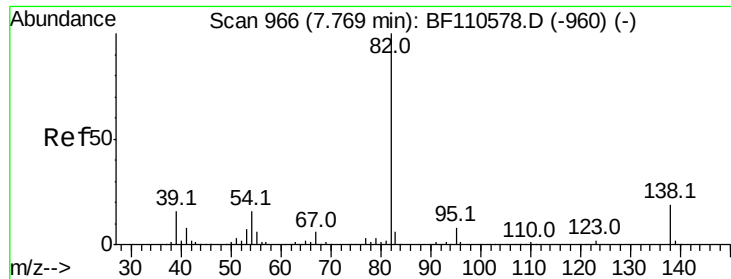
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#24
 Nitrobenzene
 Concen: 40.567 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 39.584 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

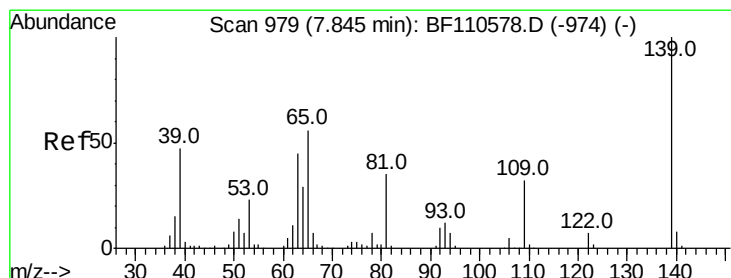
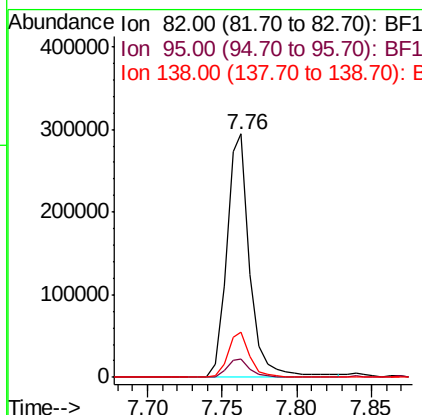
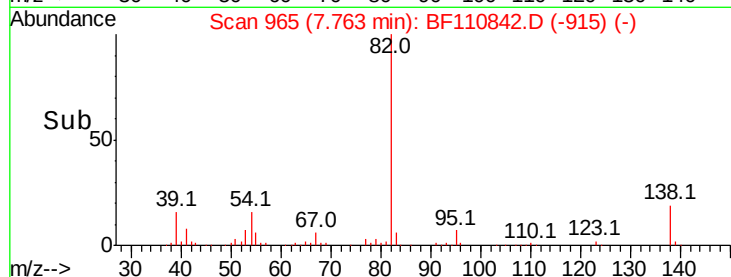
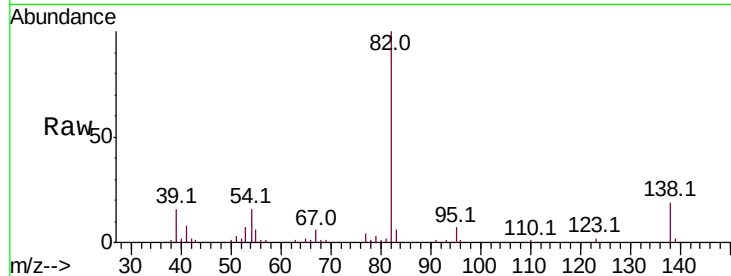
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	321826
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	18.8	13.2	19.8

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#26

2-Nitrophenol

Concen: 41.003 ng

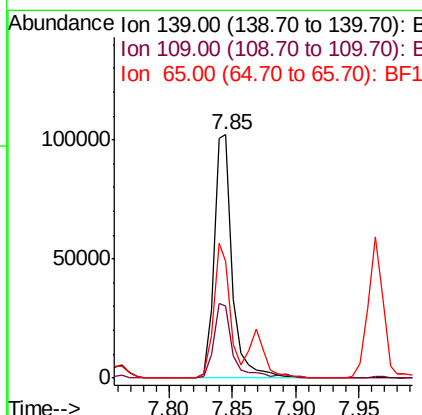
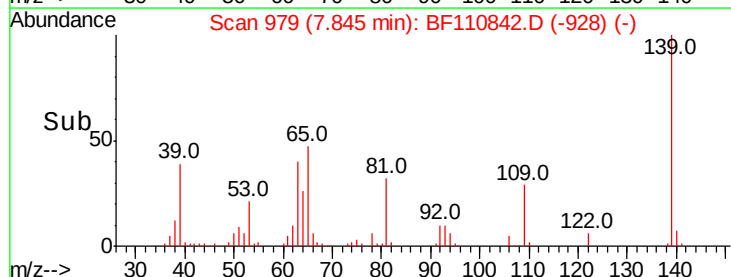
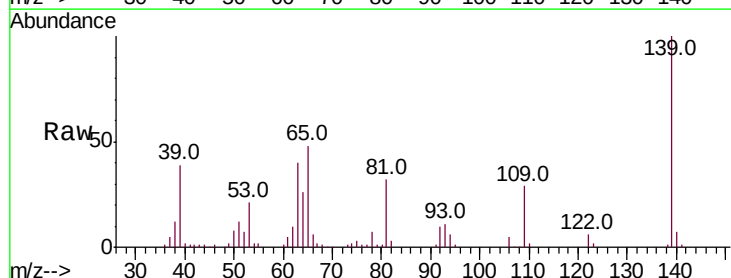
RT: 7.85 min Scan# 979

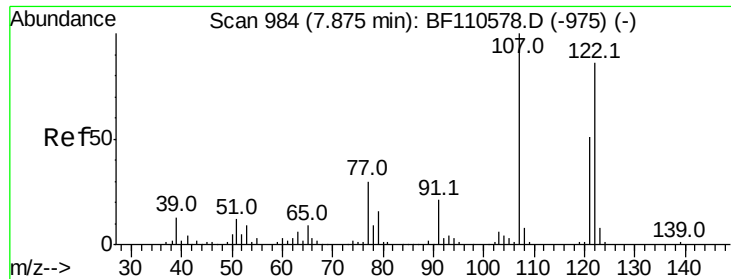
Delta R.T. 0.00 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Tgt Ion:	139	Resp:	103962
Ion Ratio	Lower	Upper	
139	100		
109	29.4	25.0	37.6
65	47.8	44.0	66.0





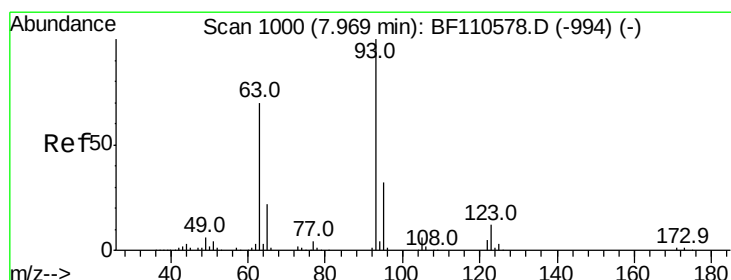
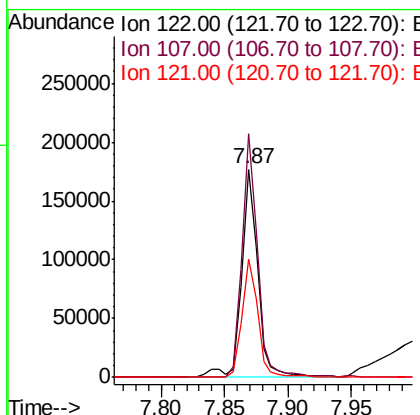
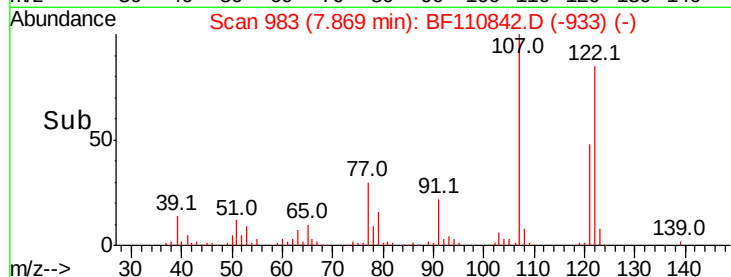
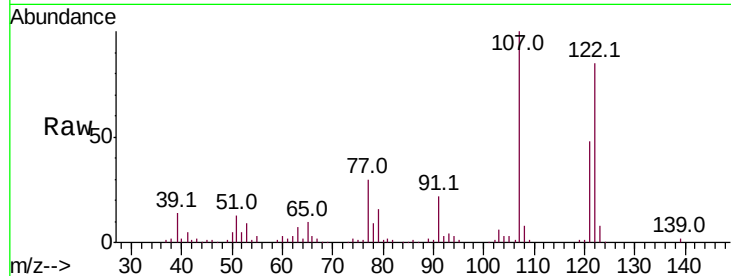
#27
2,4-Dimethylphenol
Concen: 40.248 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	92.5	138.7
121	56.8	45.8	68.8

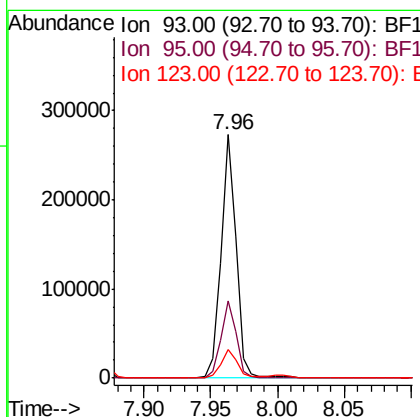
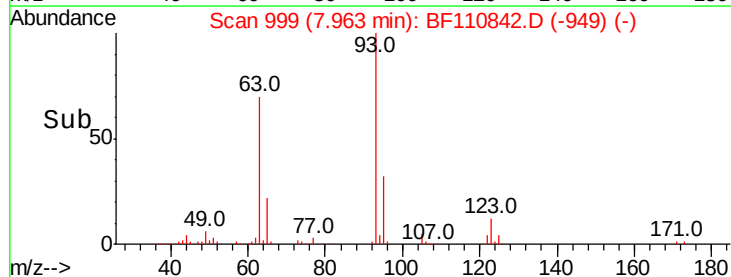
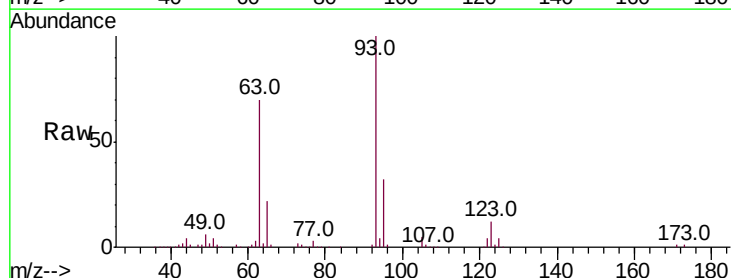
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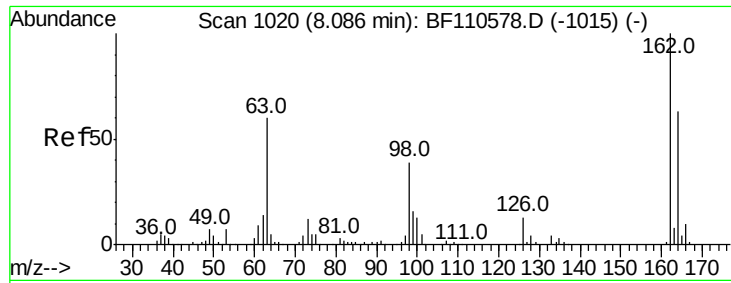
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.861 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	11.6	9.0	13.6





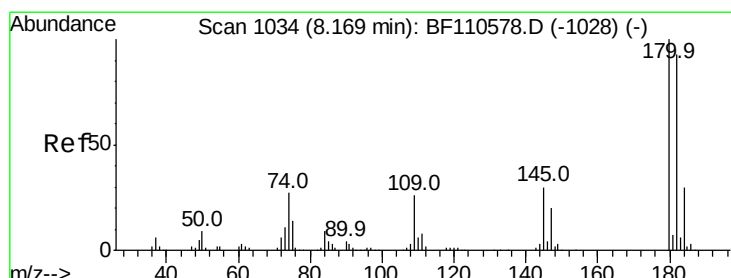
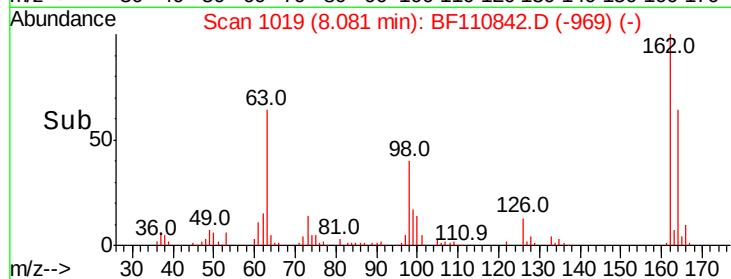
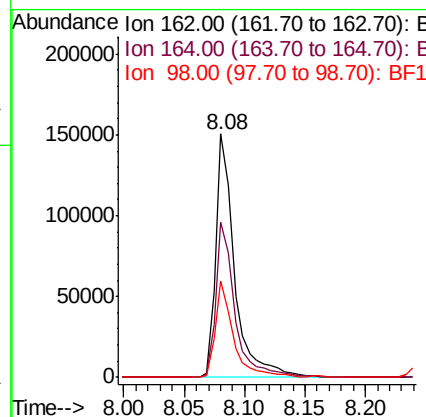
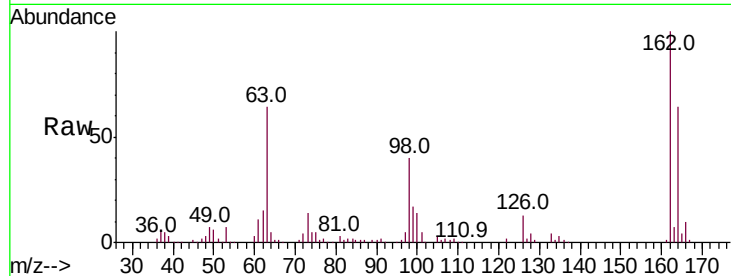
#29
2,4-Dichlorophenol
Concen: 40.899 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.6	84.6
98	39.5	17.4	57.4

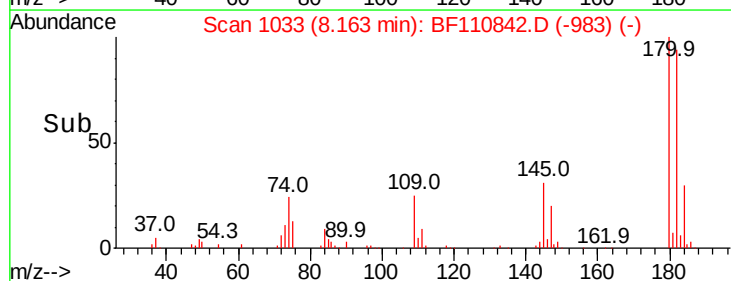
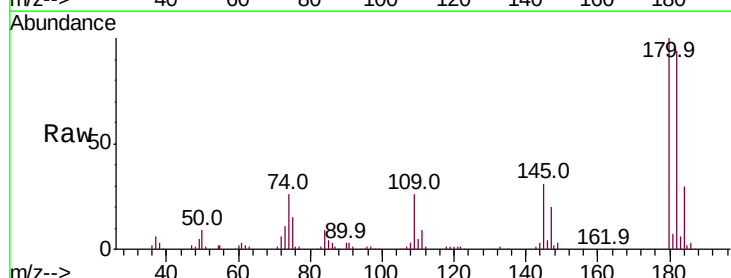
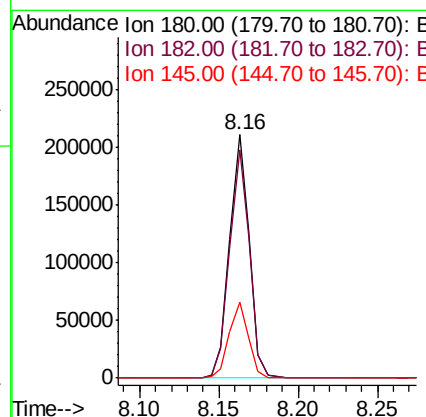
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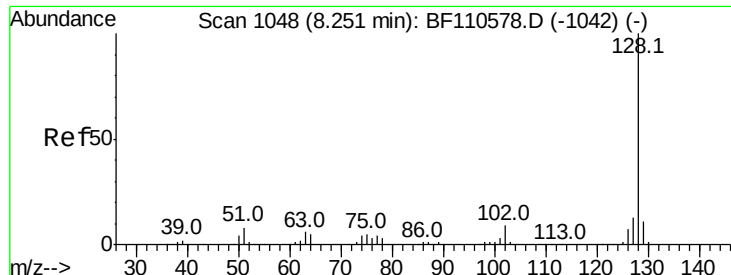
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.626 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	80.3	120.5
145	31.3	25.4	38.0





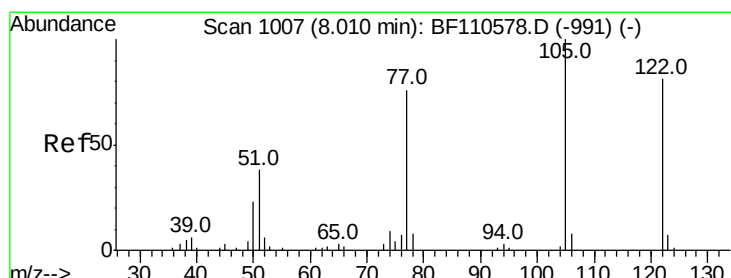
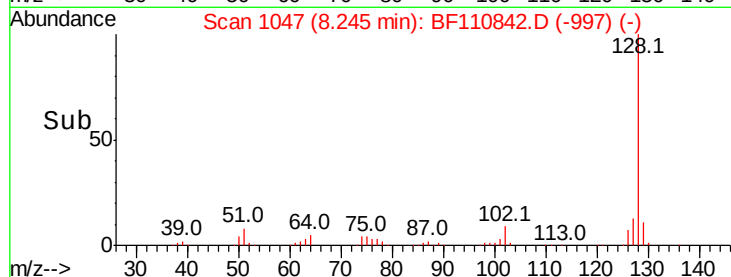
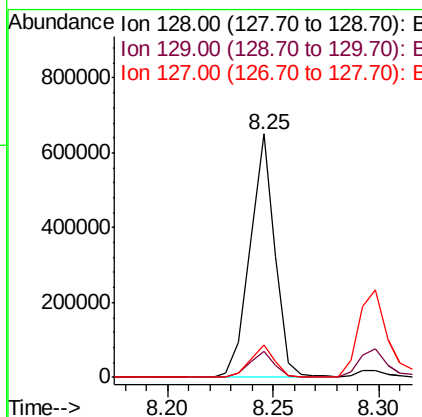
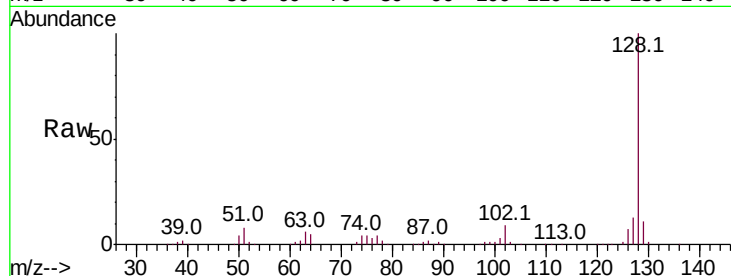
#31
Naphthalene
Concen: 39.642 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	531633		
129	10.9		8.8	13.2
127	13.4		10.8	16.2

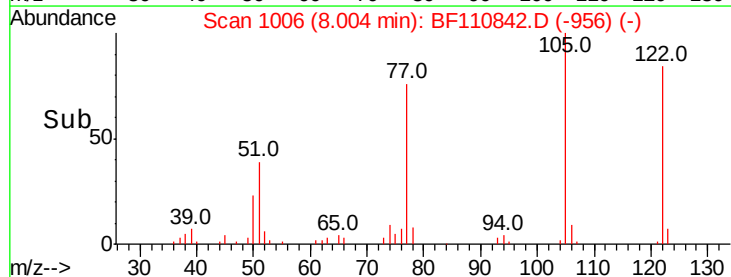
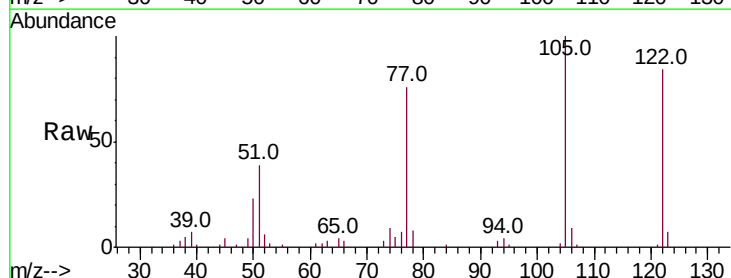
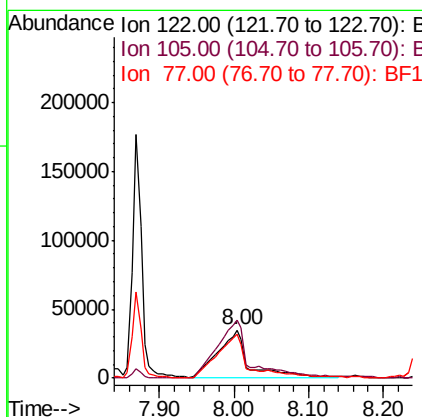
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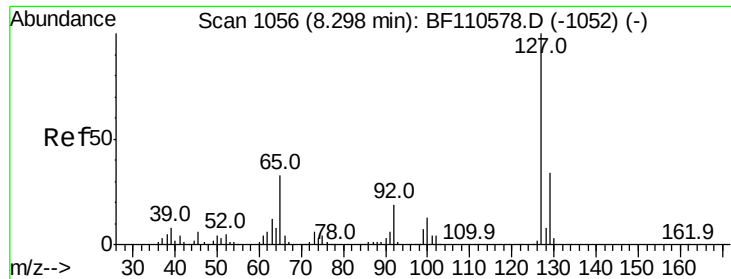
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#32
Benzoic acid
Concen: 36.182 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98851		
105	119.5		109.0	149.0
77	90.4		79.0	119.0





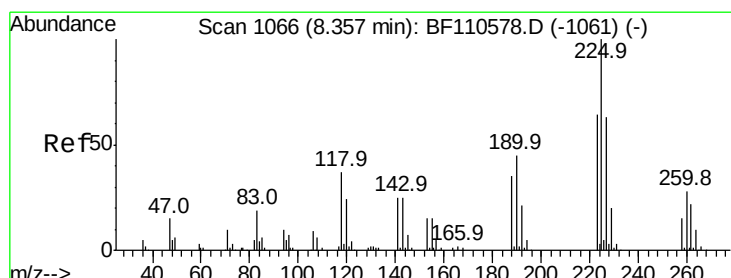
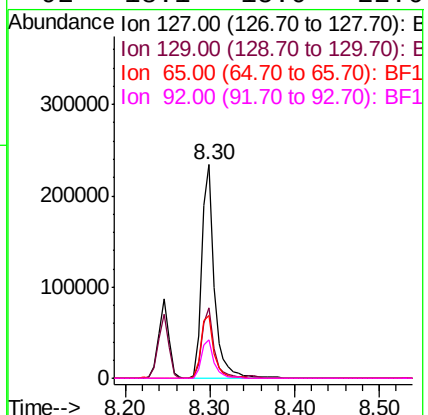
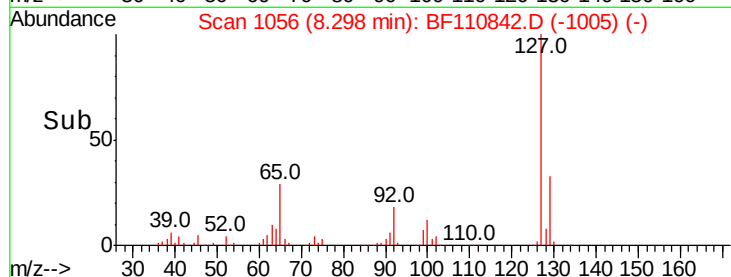
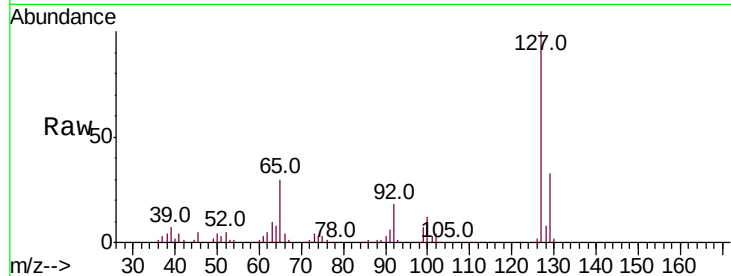
#33
4-Chloroaniline
Concen: 39.184 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	29.5	25.1	37.7
92	18.1	15.0	22.6

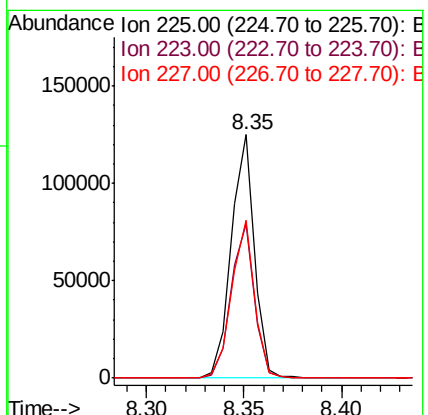
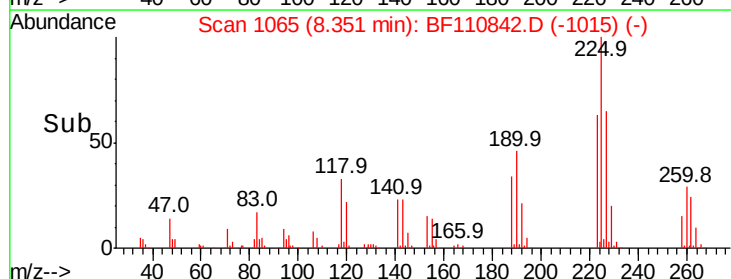
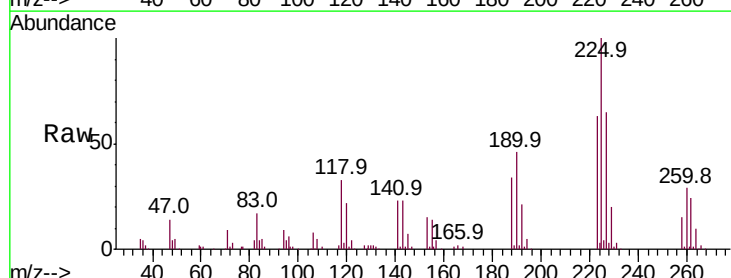
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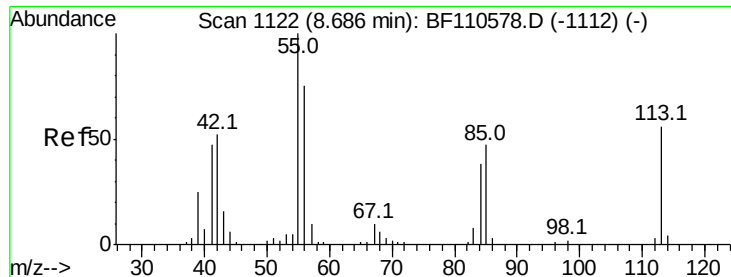
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#34
Hexachlorobutadiene
Concen: 40.234 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	64.9	51.0	76.6





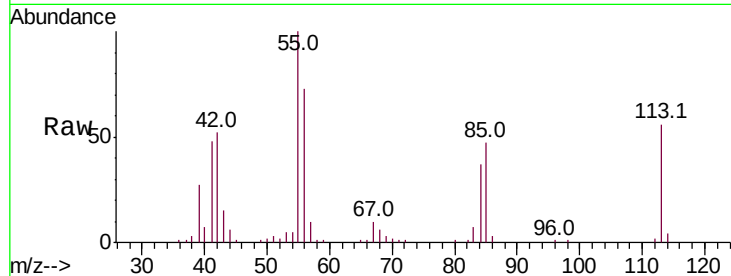
#35
 Caprolactam
 Concen: 39.538 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

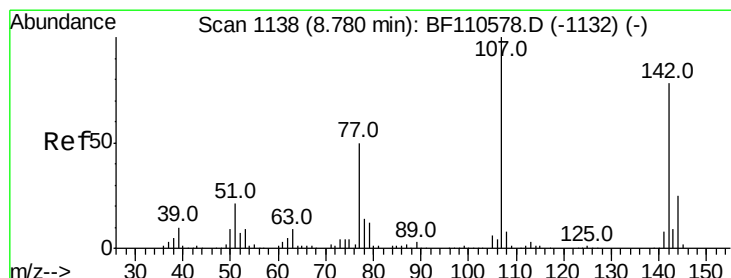
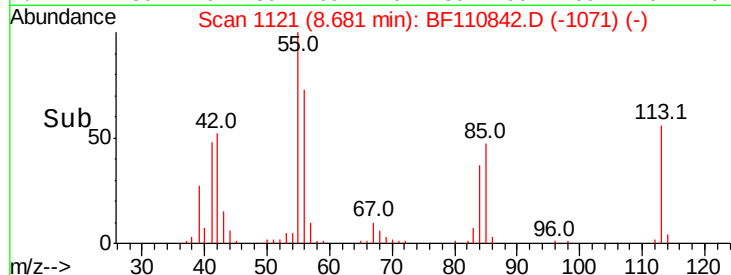
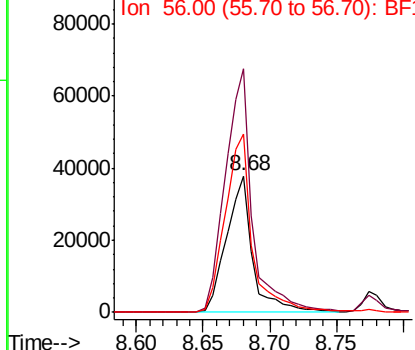
Tot Ion:113 Resp: 52485
 Ion Ratio Lower Upper
 113 100
 55 178.6 142.8 182.8
 56 130.9 105.0 145.0

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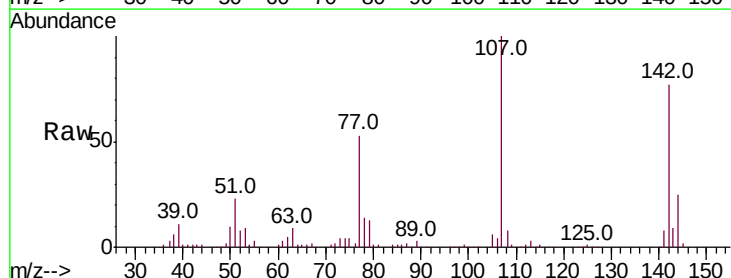


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

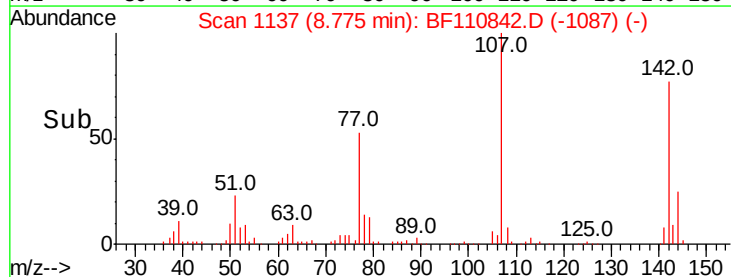
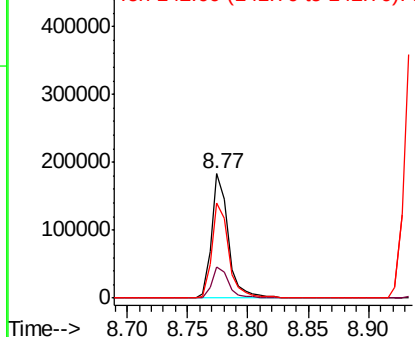


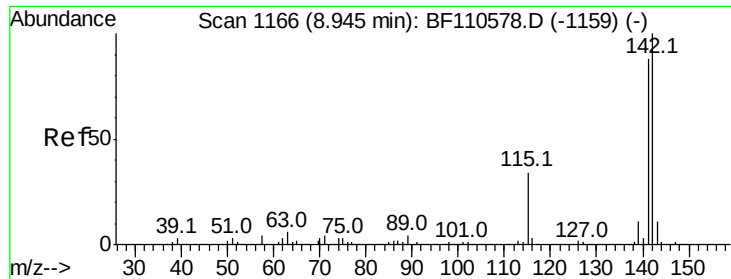
#36
 4-Chloro-3-methylphenol
 Concen: 40.804 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion:107 Resp: 174847
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 76.7 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





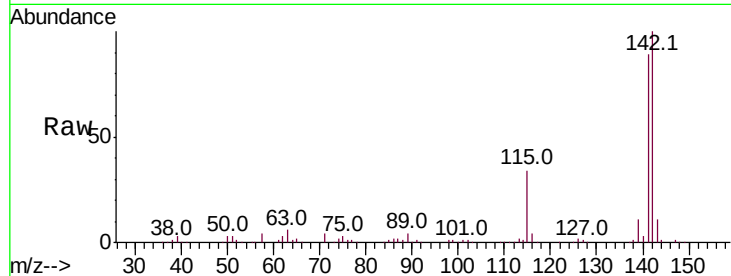
#37
2-Methylnaphthalene
Concen: 39.972 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	33.8	28.7	43.1

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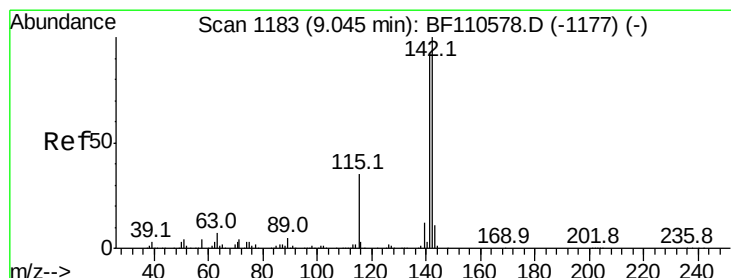
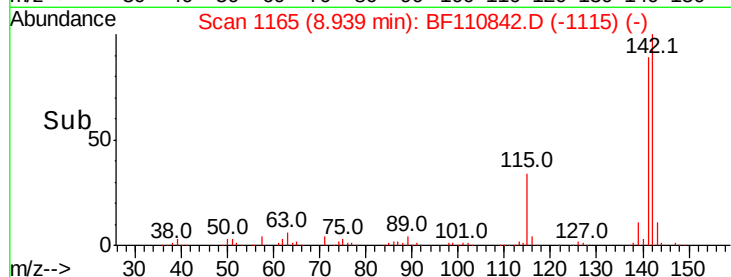
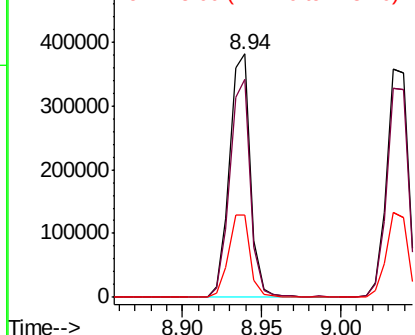


Abundance

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: 40.031 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

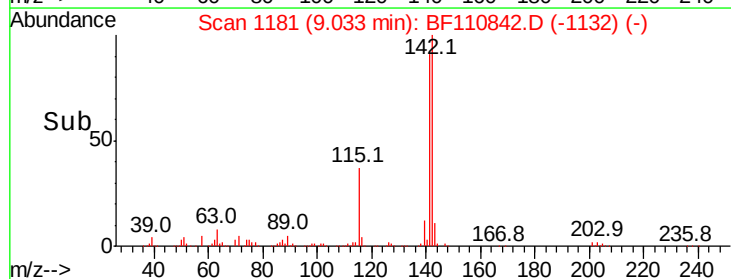
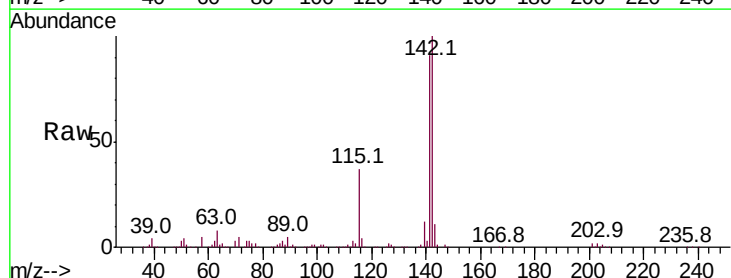
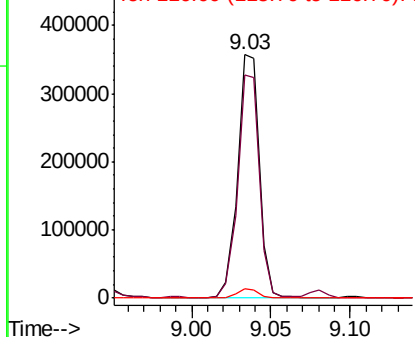
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	3.9	2.6	4.0

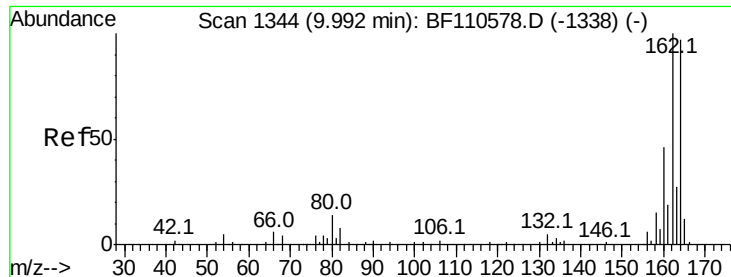
Abundance

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





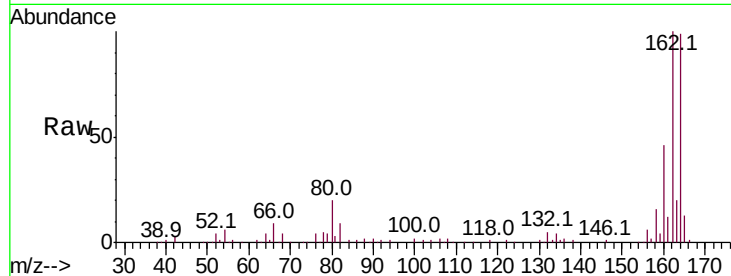
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.6
160	47.1	37.0	55.6

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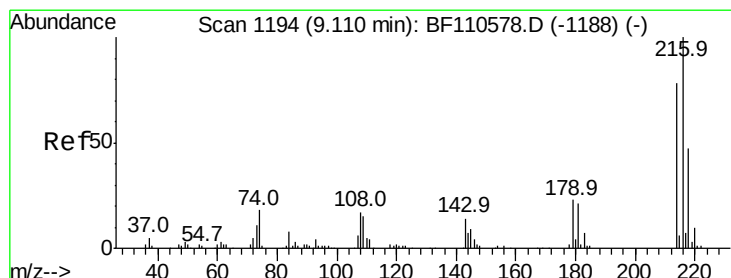
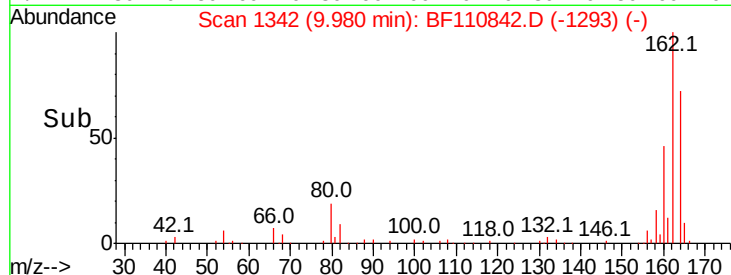
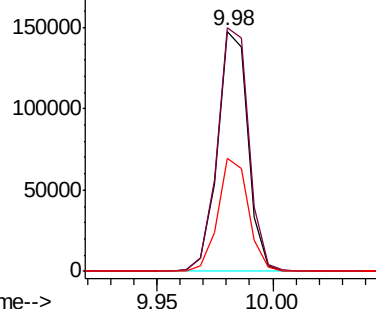


Abundance

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: 40.451 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	22.9	16.6	25.0
108	19.6	15.1	22.7

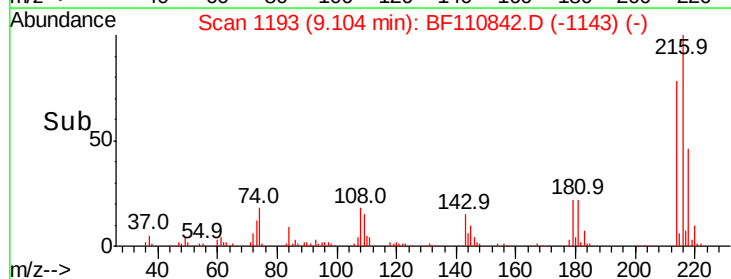
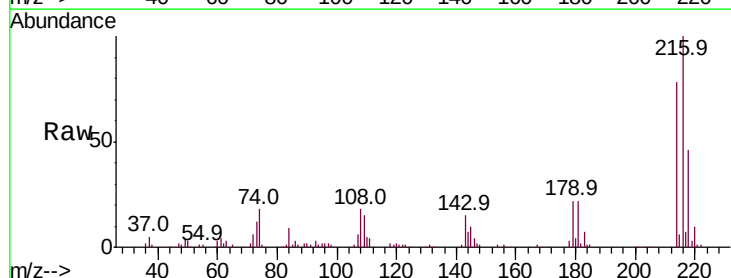
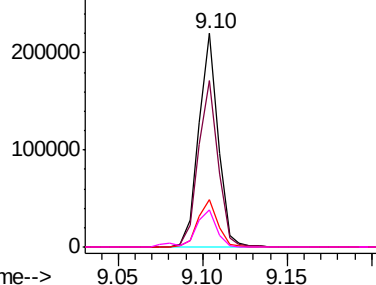
Abundance

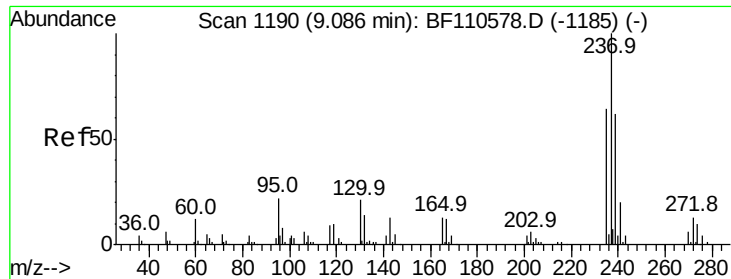
Ion 216.00 (215.70 to 216.70): E

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





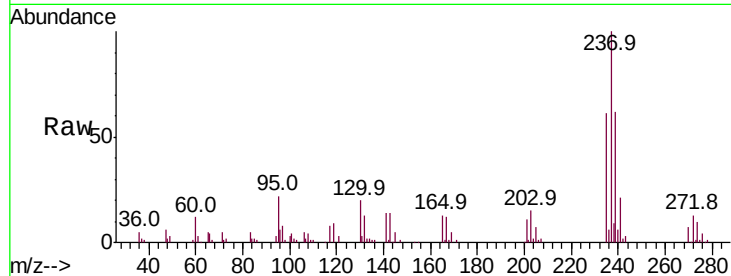
#41
Hexachlorocyclopentadiene
Concen: 42.885 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.8	43.1	83.1
272	13.1	0.0	32.6

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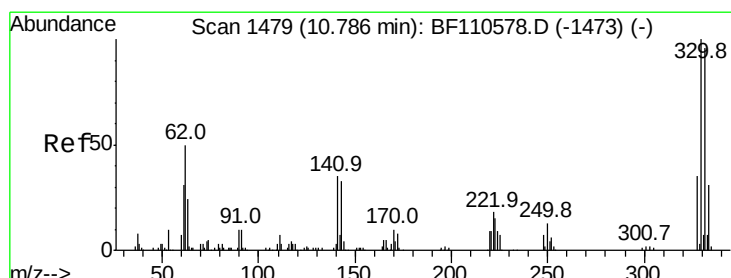
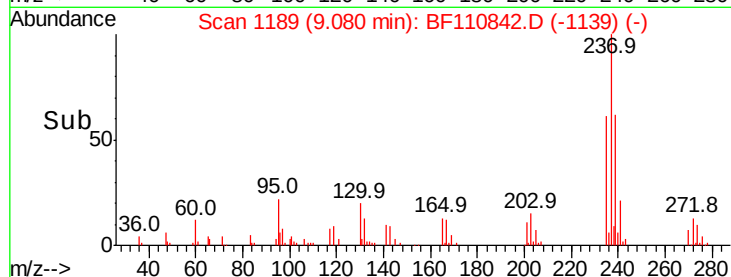
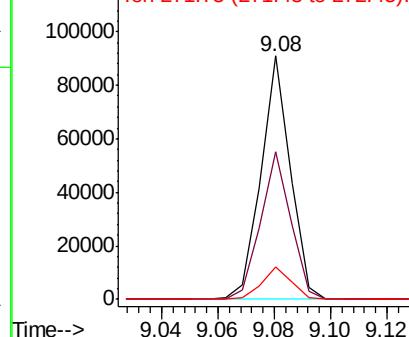


Abundance

Ion 236.80 (236.50 to 237.50): E

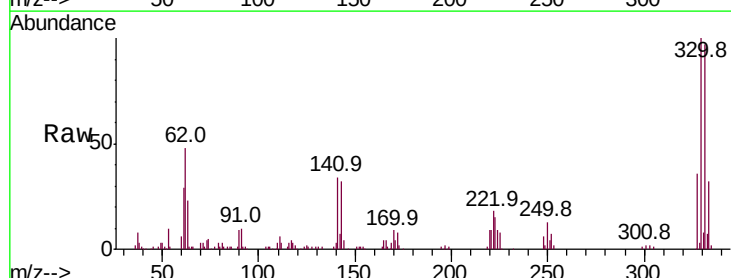
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 80.105 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	77.1	115.7
141	38.5	27.0	40.4

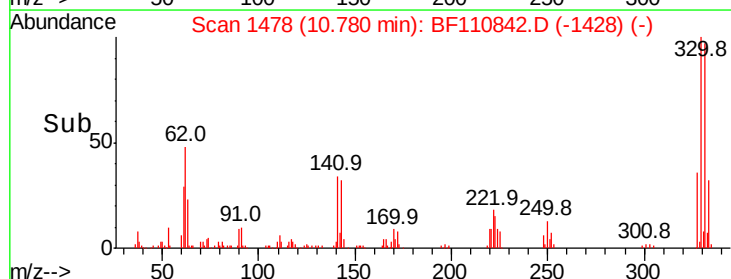
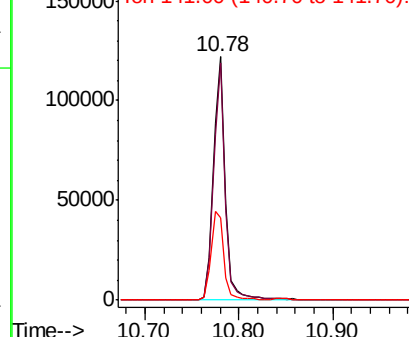


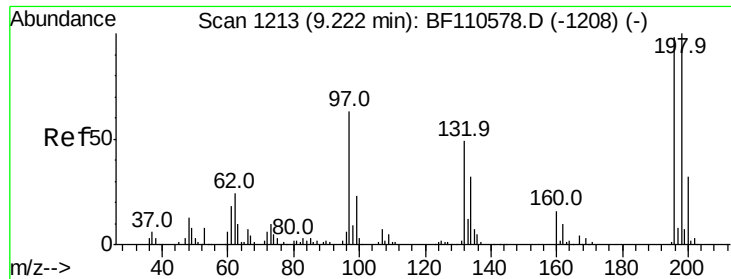
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





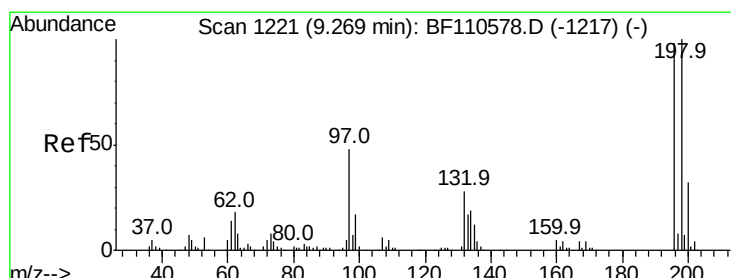
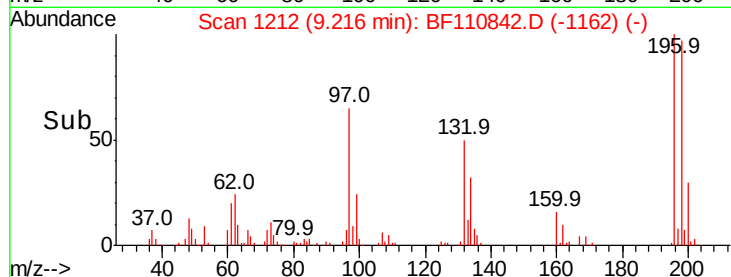
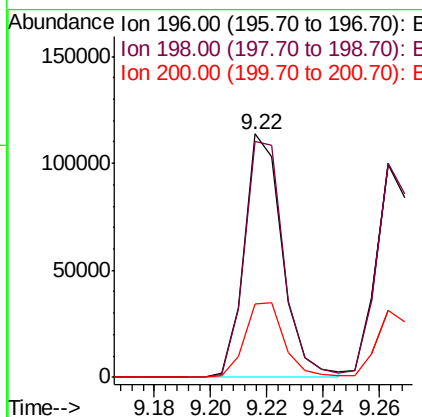
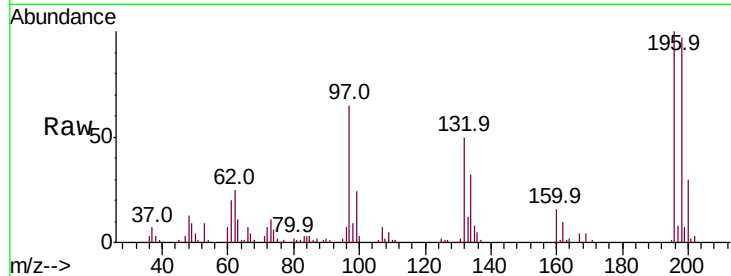
#43
 2,4,6-Trichlorophenol
 Concen: 39.266 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106470		
198	96.7	76.2	114.4	
200	29.9	24.4	36.6	

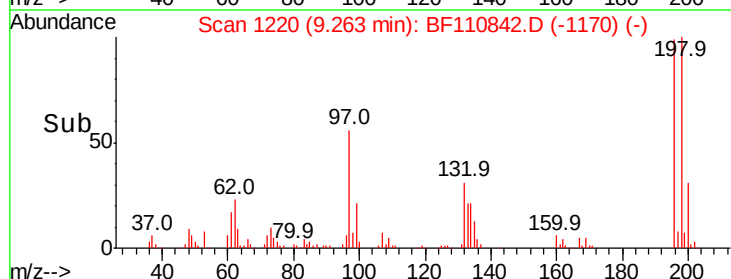
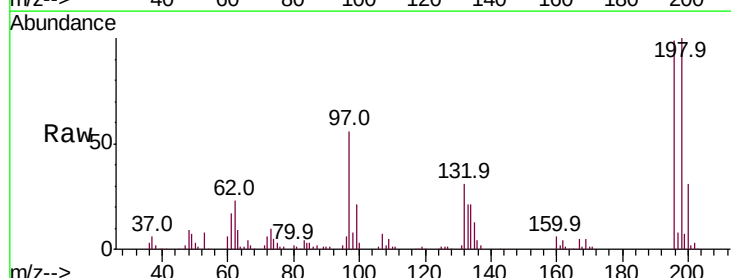
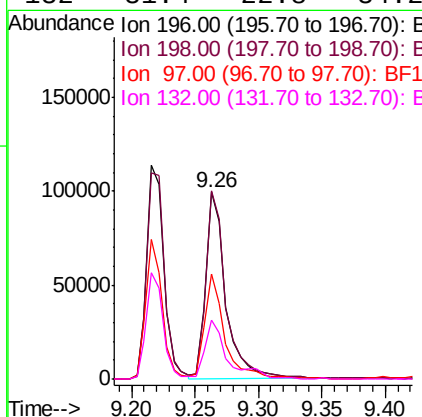
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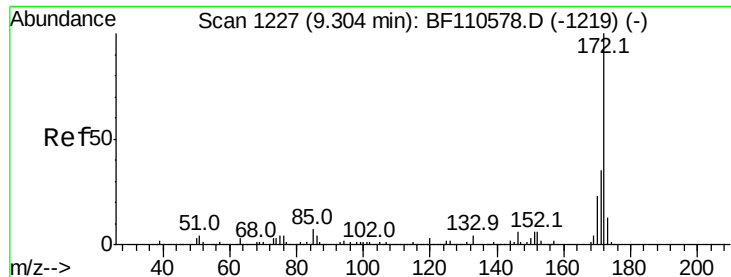
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 38.115 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110243		
198	100.9	75.8	113.6	
97	56.1	42.4	63.6	
132	31.4	22.8	34.2	





#45

2-Fluorobiphenyl

Concen: 78.520 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

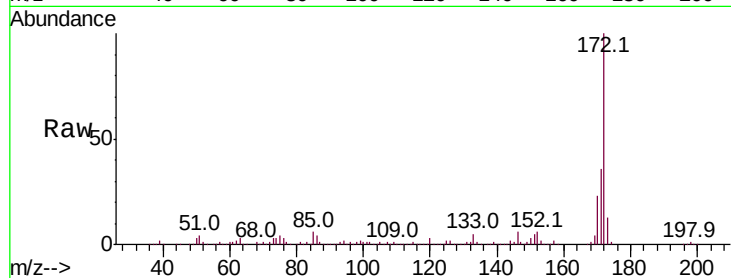
ClientSampleId :

SSTDCCC040

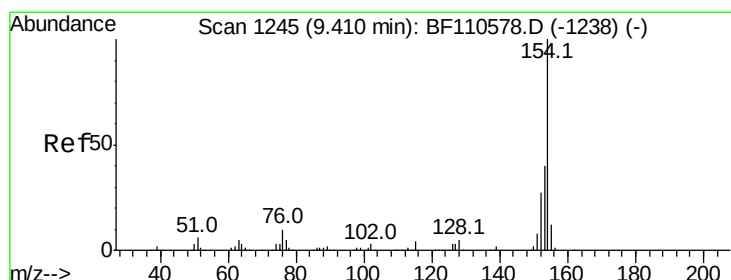
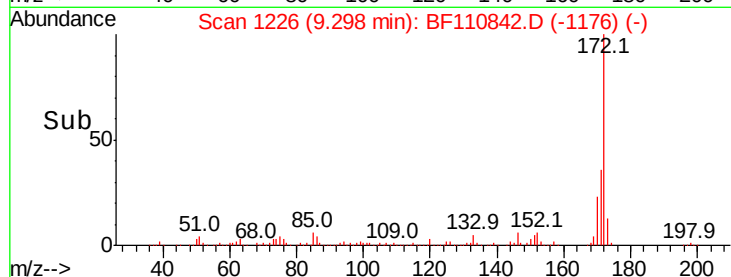
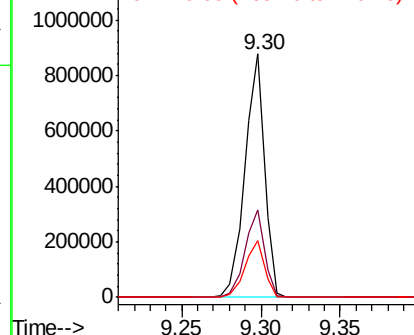
Tot Ion:	172	Resp:	749457
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	23.1	19.7	29.5

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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: 39.792 ng

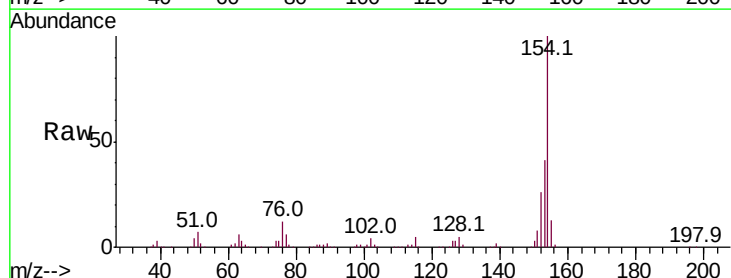
RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

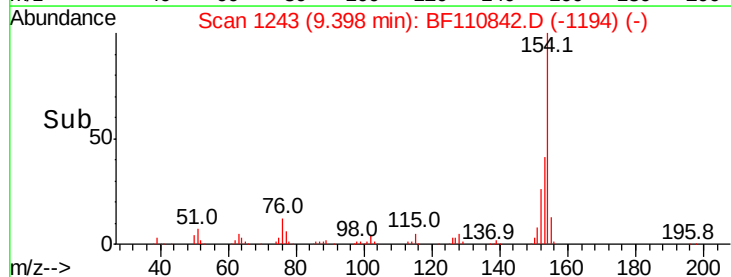
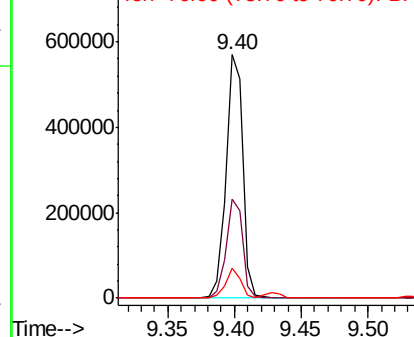
Lab File: BF110842.D

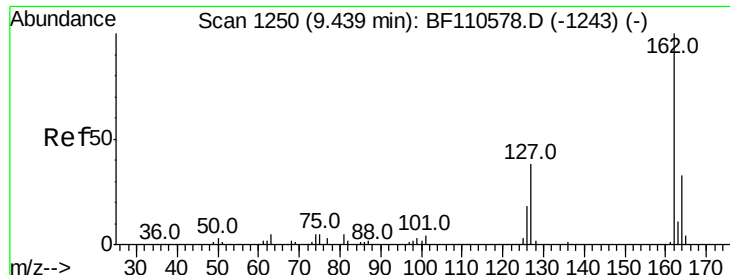
Acq: 19 Nov 2018 10:11

Tgt Ion:	154	Resp:	506014
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.4	60.4
76	12.0	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: 39.895 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

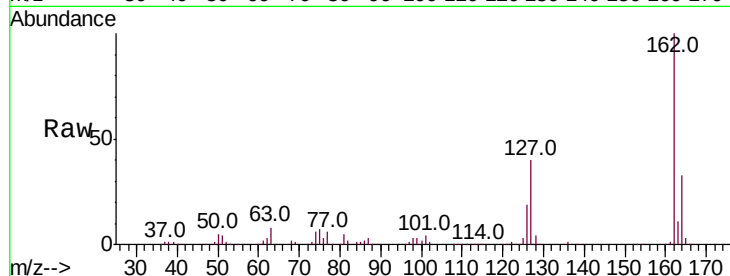
ClientSampleId :

SSTDCCC040

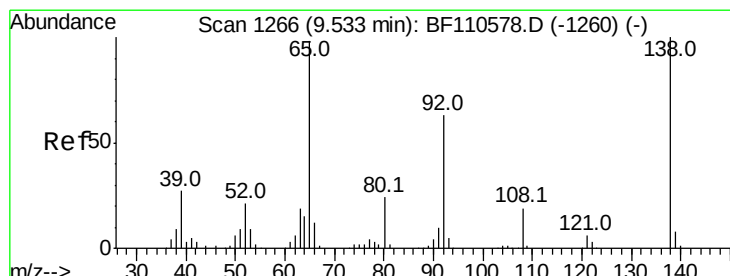
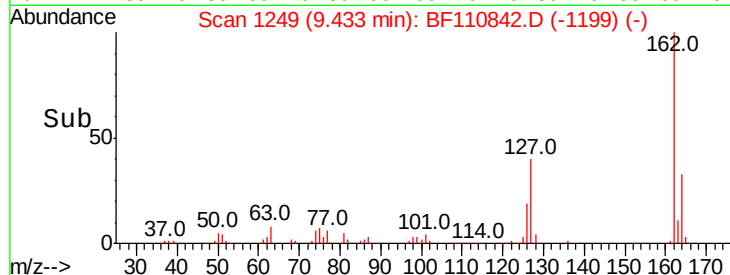
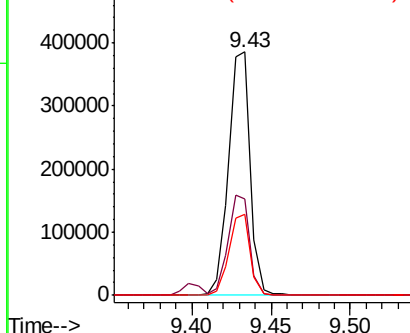
Tot Ion:	162	Resp:	365497
Ion Ratio	Lower	Upper	
162	100		
127	39.6	32.6	48.8
164	33.3	25.9	38.9

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.688 ng

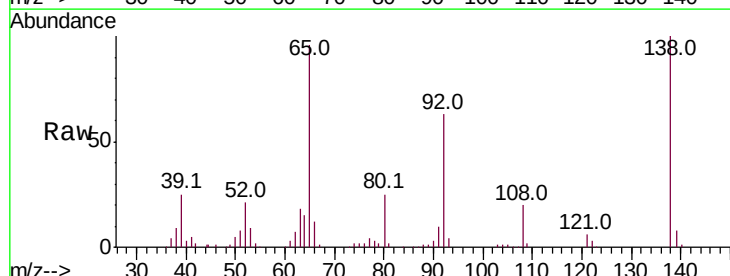
RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

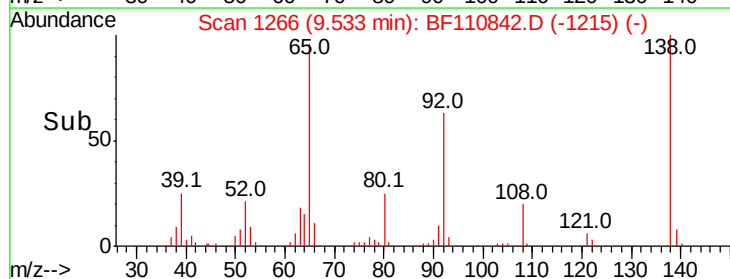
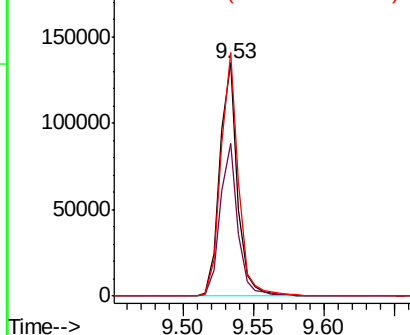
Lab File: BF110842.D

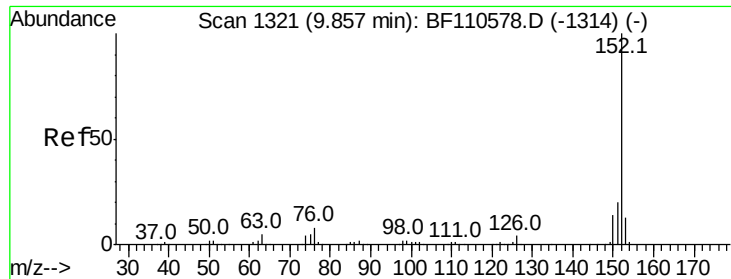
Acq: 19 Nov 2018 10:11

Tgt Ion:	65	Resp:	117692
Ion Ratio	Lower	Upper	
65	100		
92	65.6	54.6	81.8
138	104.6	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.613 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

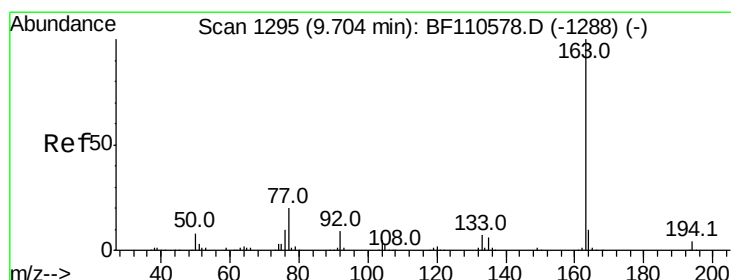
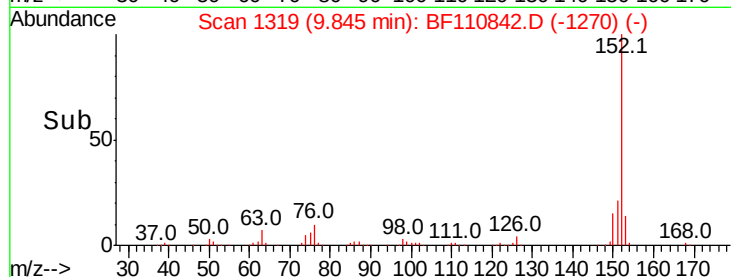
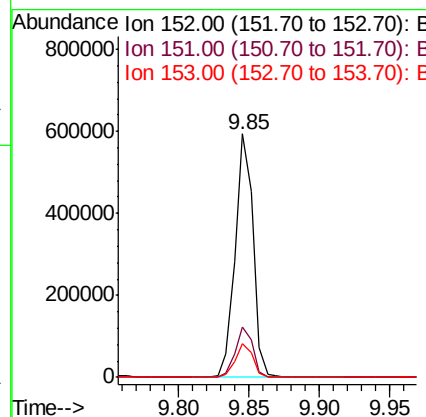
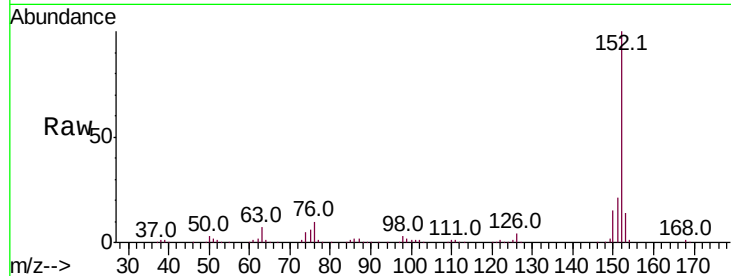
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	522645
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.8
153	13.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 39.622 ng

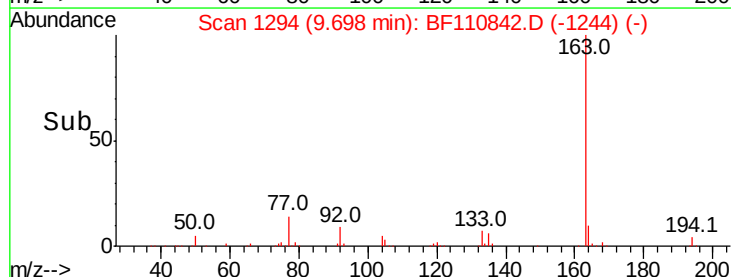
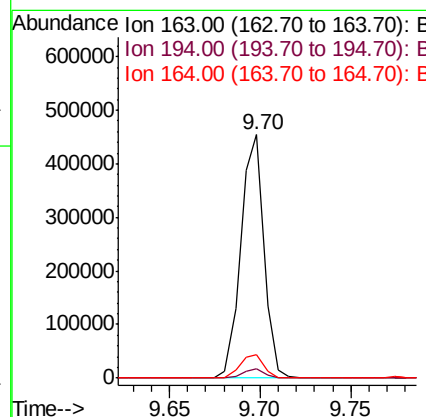
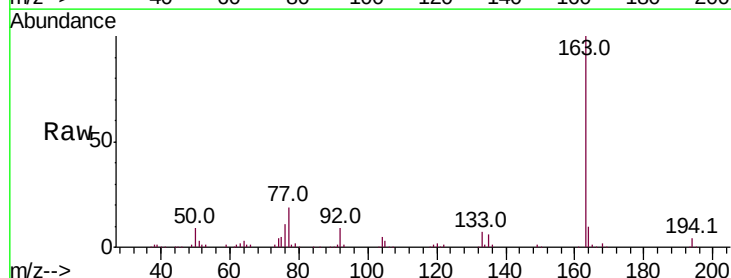
RT: 9.70 min Scan# 1294

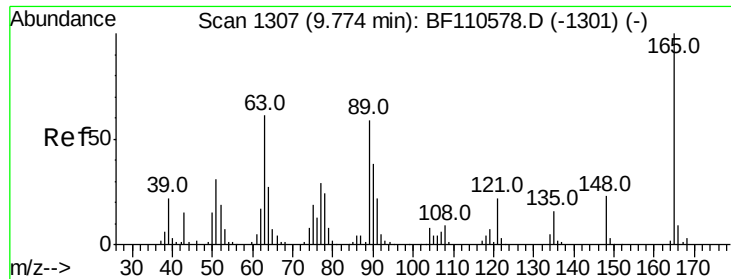
Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Tgt Ion:	163	Resp:	403018
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.8	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 40.496 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

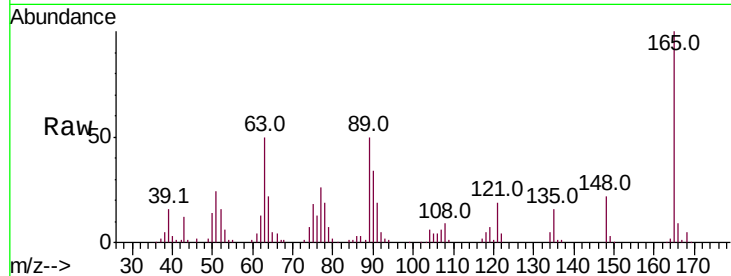
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	90612
Ion Ratio	Lower	Upper	
165	100		
63	50.2	48.9	73.3
89	50.4	46.6	69.8

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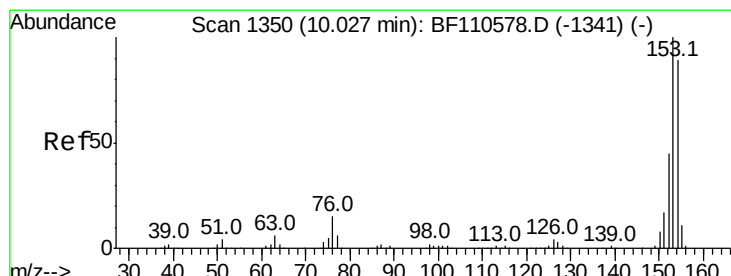
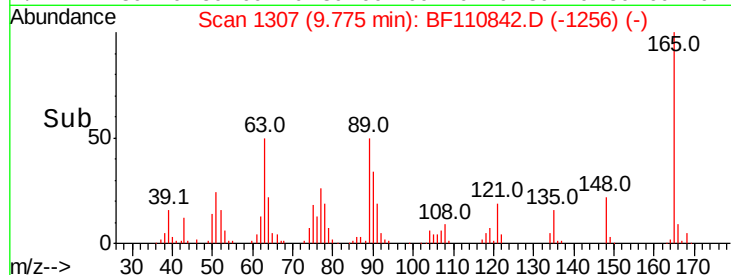
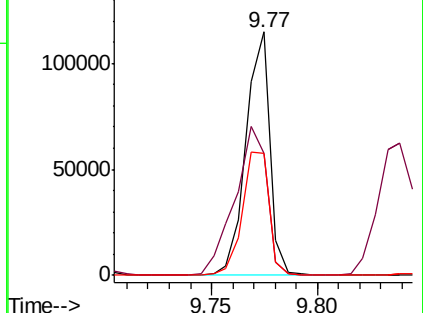
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.613 ng

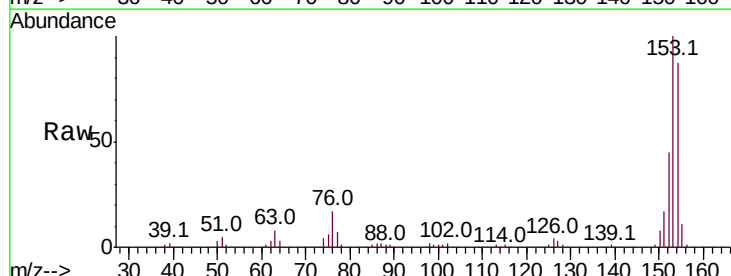
RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

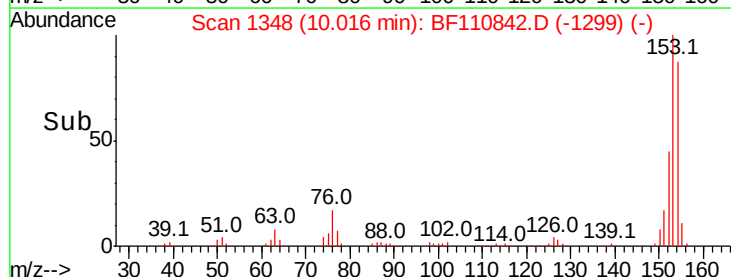
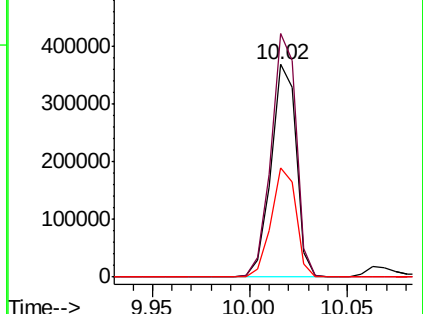
Tgt Ion:	154	Resp:	330292
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.1	135.1
152	51.6	43.4	65.2

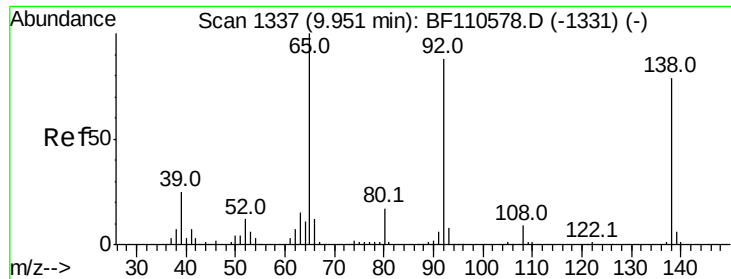


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





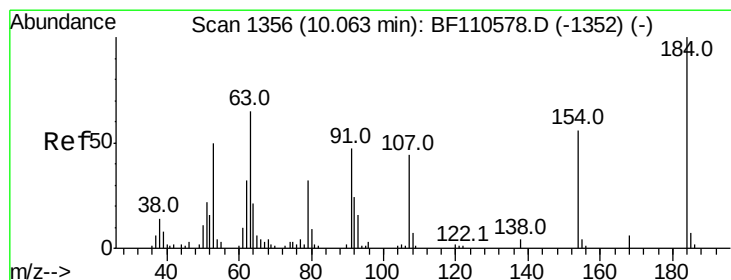
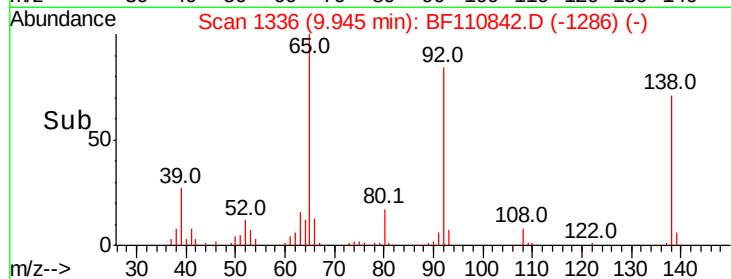
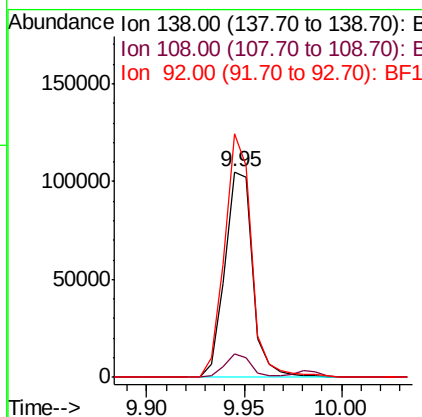
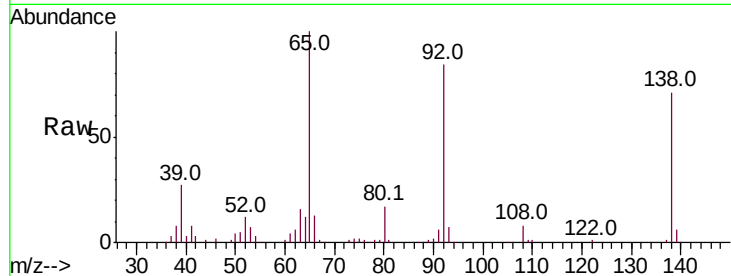
#53
 3-Nitroaniline
 Concen: 40.271 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	138	Resp:	104396
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.7	13.1
92	118.4	97.0	145.4

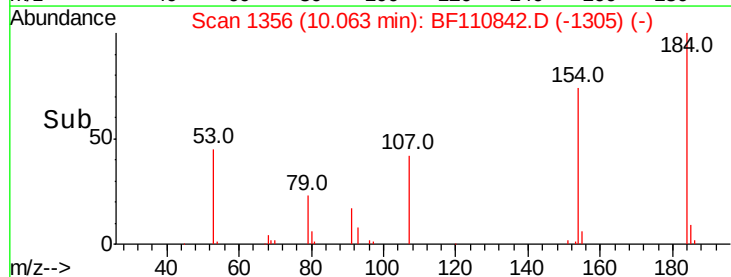
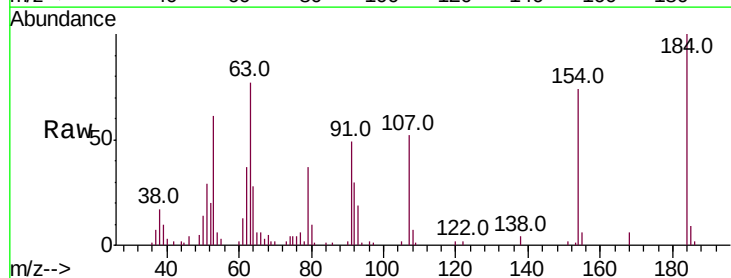
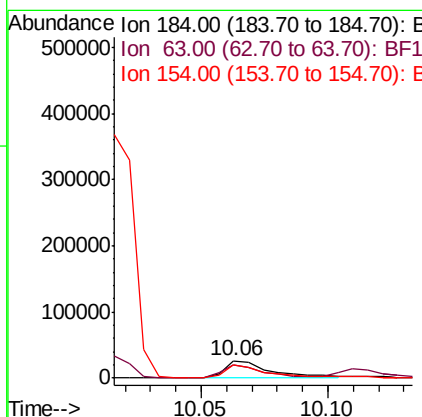
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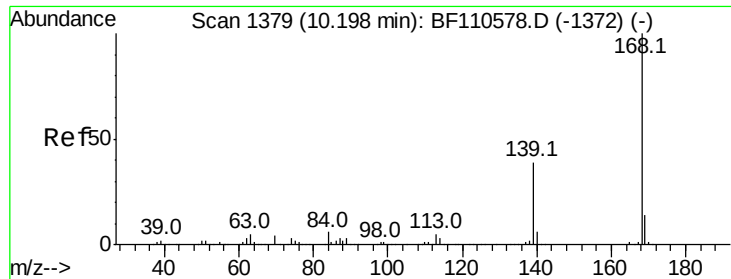
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#54
 2,4-Dinitrophenol
 Concen: 39.654 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion:	184	Resp:	33100
Ion Ratio	Lower	Upper	
184	100		
63	77.4	55.8	83.6
154	74.1	63.2	94.8





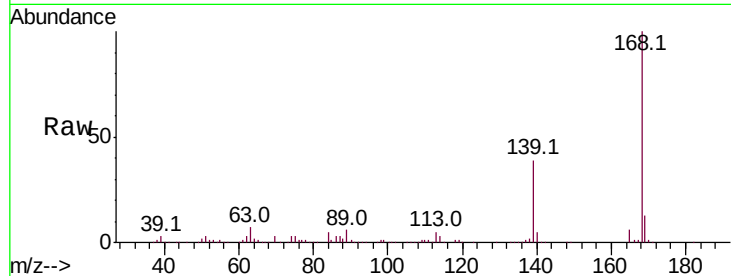
#55
Dibenzofuran
Concen: 39.269 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	33.0	49.6
169	13.0	11.3	16.9

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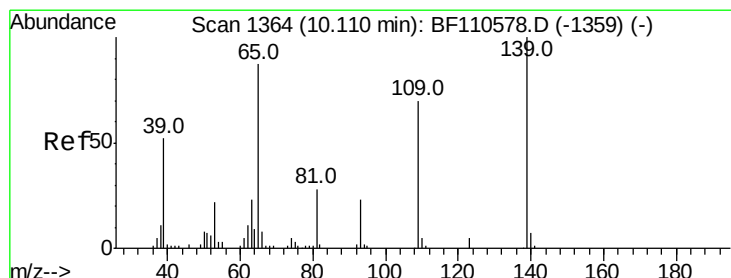
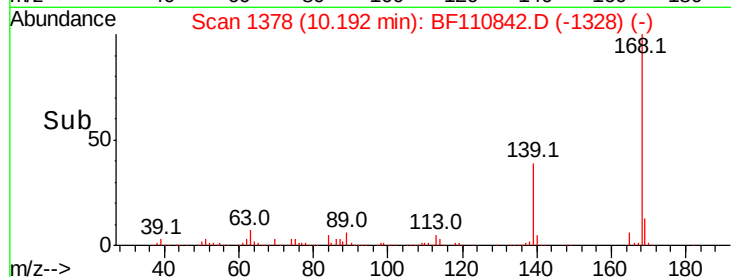
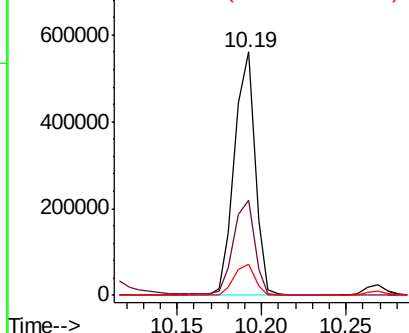


Abundance

Ion 168.00 (167.70 to 168.70): E

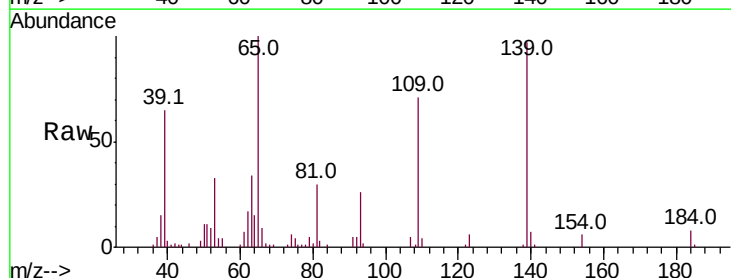
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 32.329 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	55.8	95.8
65	102.8	77.9	117.9

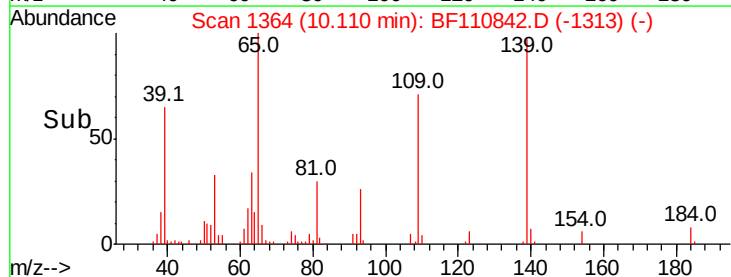
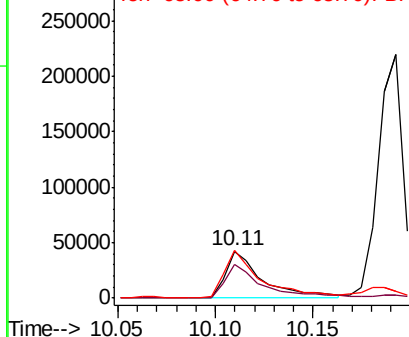


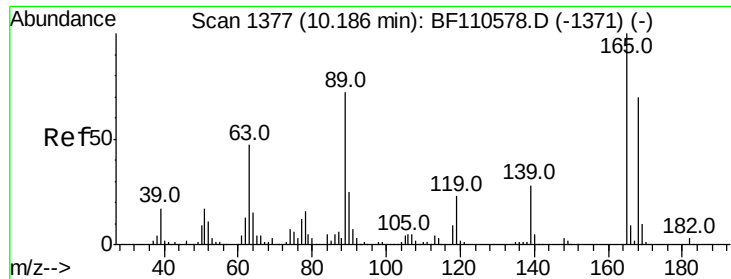
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





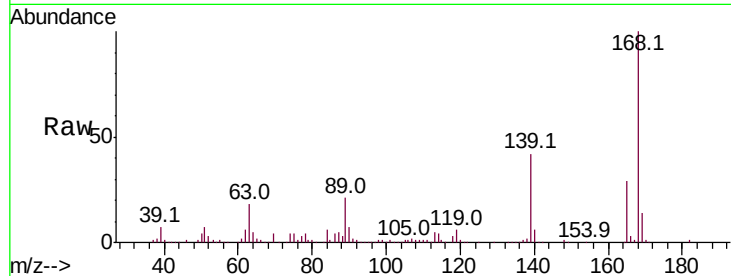
#57
2,4-Dinitrotoluene
Concen: 40.634 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	61.4	44.8	67.2
89	74.7	62.2	93.4
182	2.9	2.1	3.1

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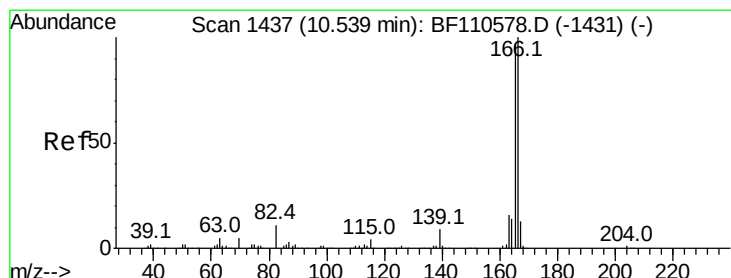
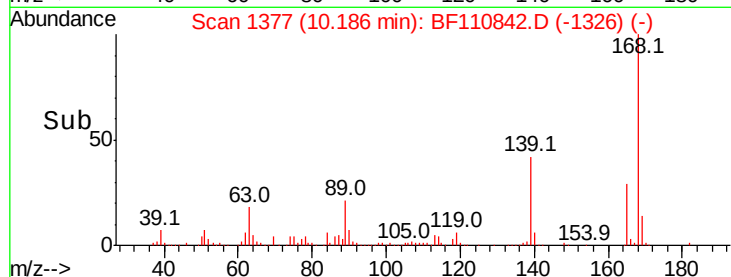
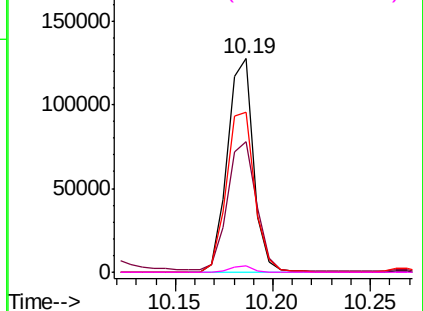
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.867 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

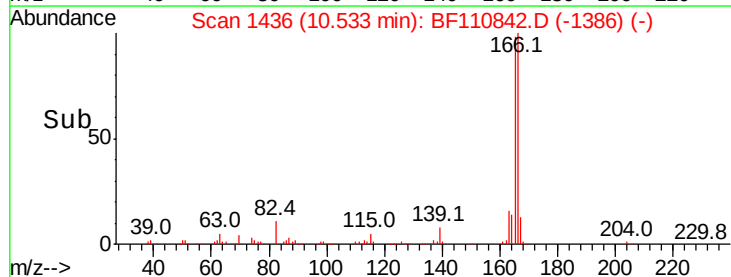
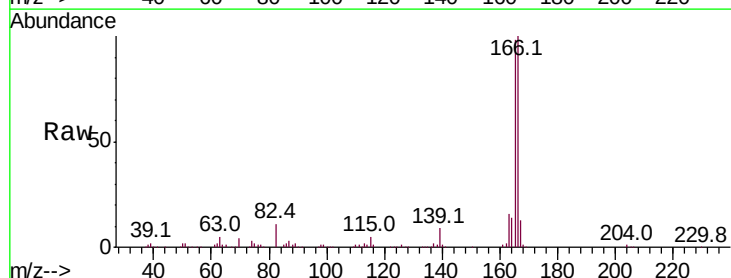
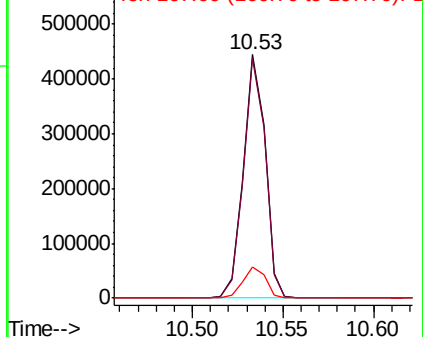
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	78.6	117.8
167	12.9	10.8	16.2

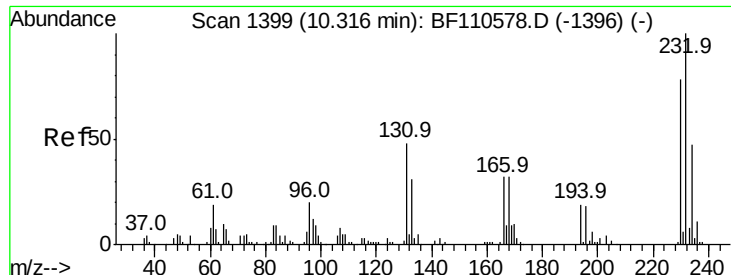
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





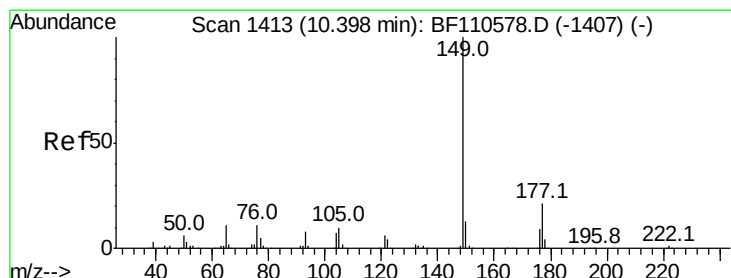
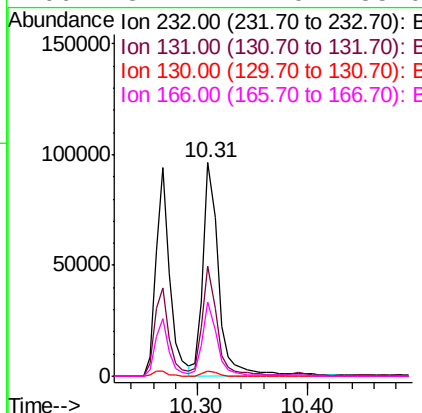
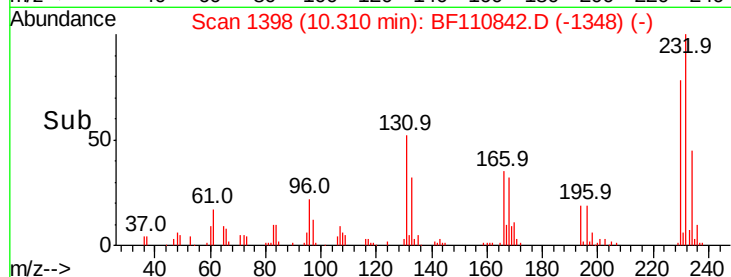
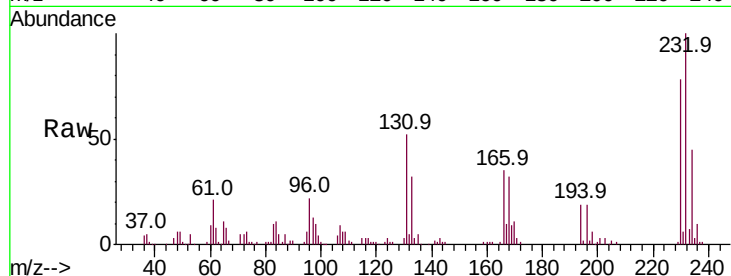
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.403 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	232	Resp:	91931
Ion Ratio	Lower	Upper	
232	100		
131	49.3	37.0	55.4
130	2.2	1.8	2.6
166	32.1	22.0	33.0

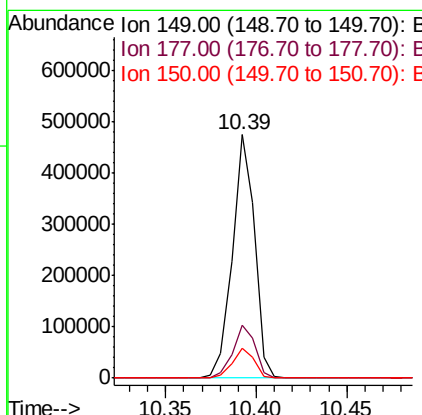
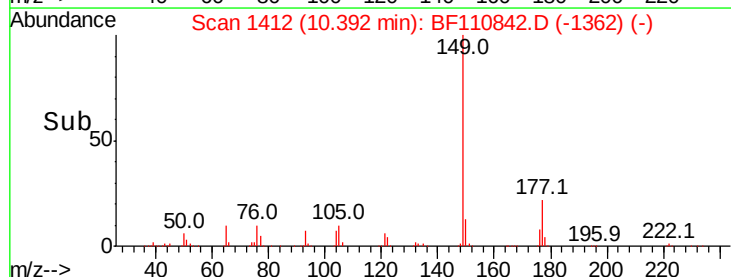
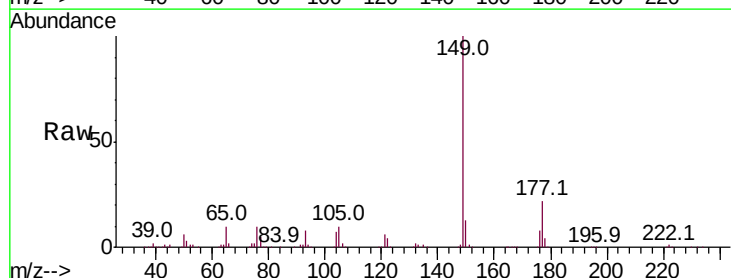
Manual Integrations
 APPROVED

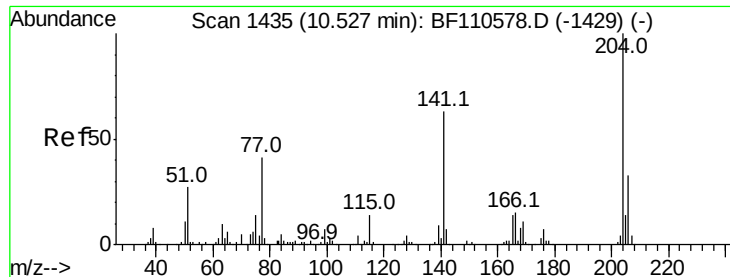
Sohil
 11/20/2018 11:07:13 AM



#60
 Diethylphthalate
 Concen: 40.276 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion:	149	Resp:	405293
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.4	26.2
150	12.5	9.8	14.8





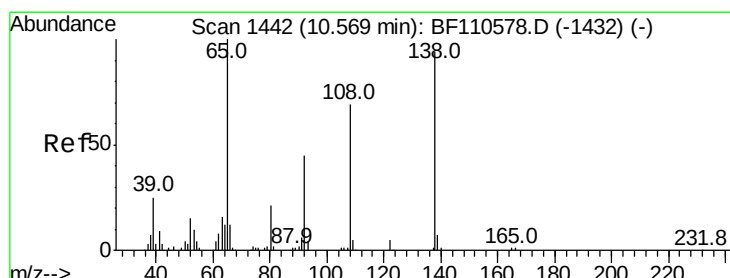
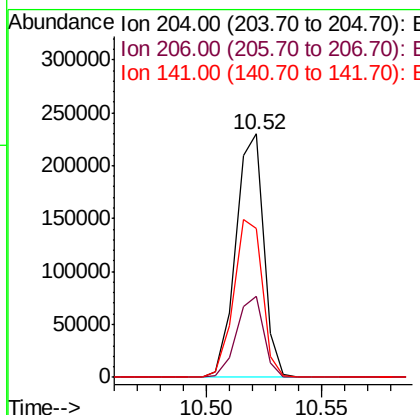
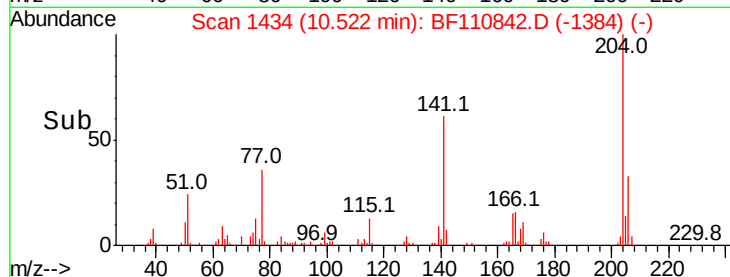
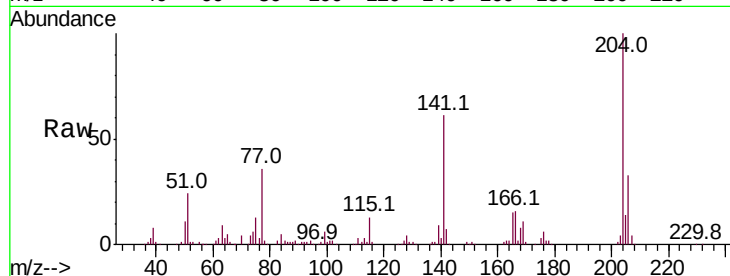
#61
4-Chlorophenyl-phenylether
Concen: 40.112 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	60.9	51.8	77.8

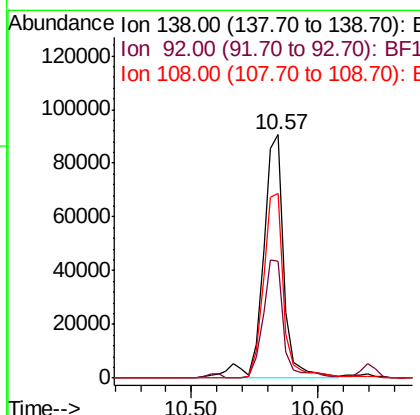
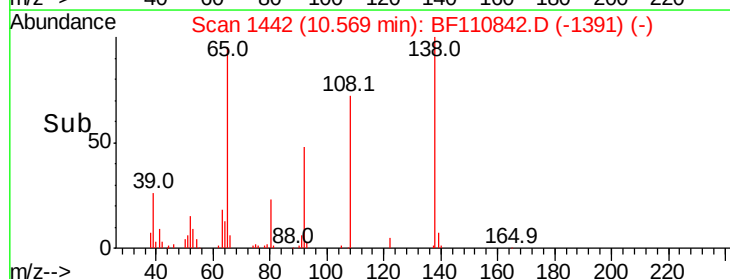
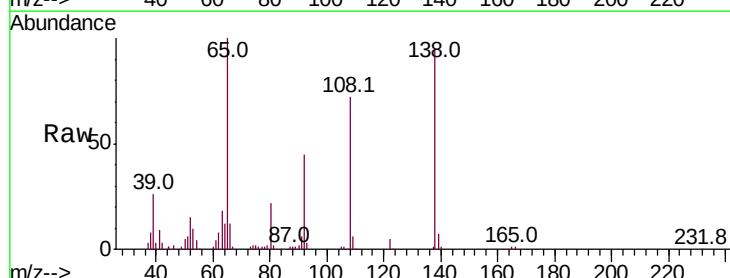
Manual Integrations
APPROVED

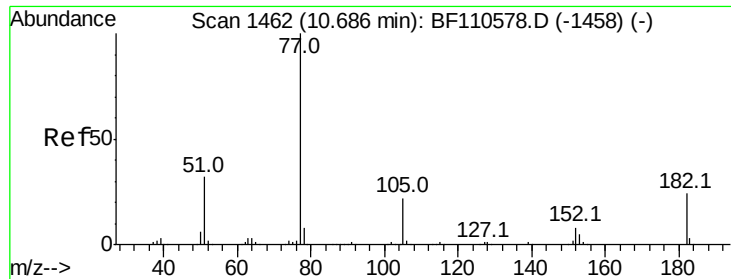
Sohil
11/20/2018 11:07:13 AM



#62
4-Nitroaniline
Concen: 39.682 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.7	71.7
108	76.0	59.3	99.3





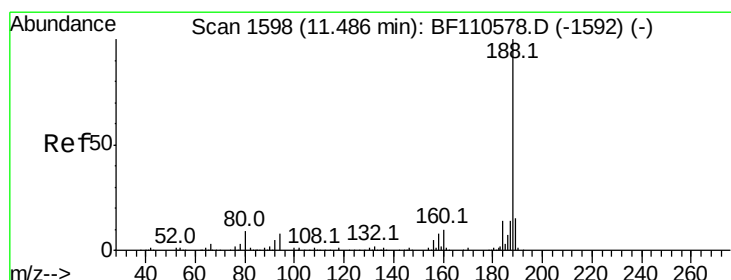
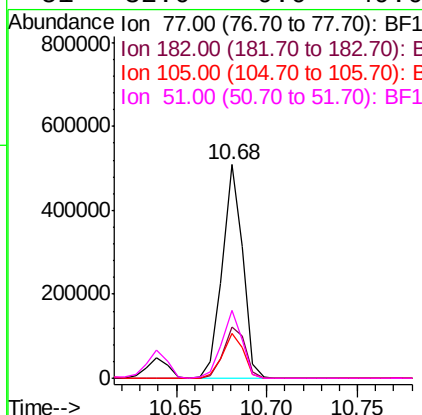
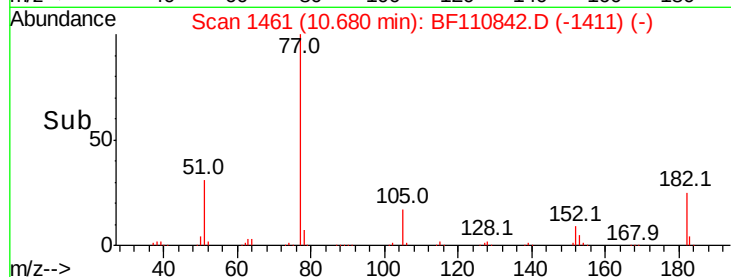
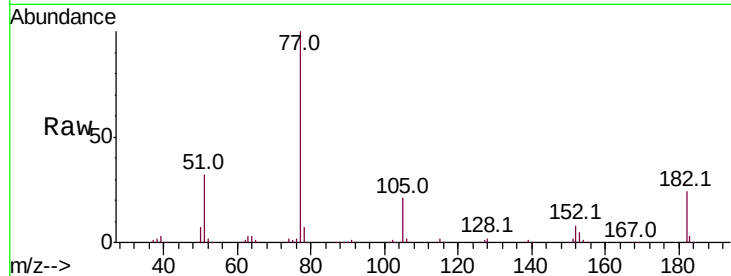
#63
Azobenzene
Concen: 40.687 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.9	4.3	44.3	
105	21.2	1.3	41.3	
51	32.0	9.0	49.0	

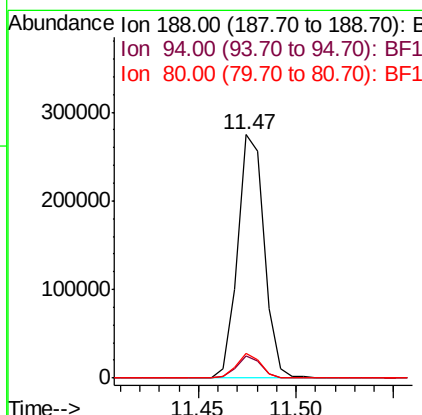
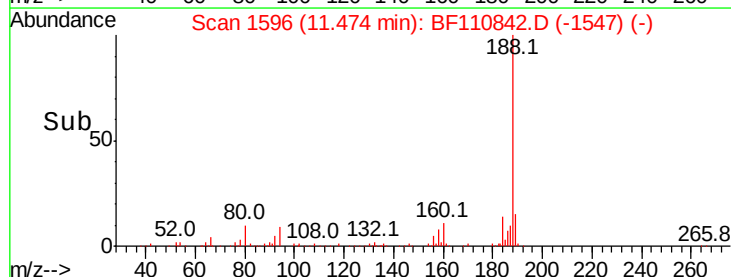
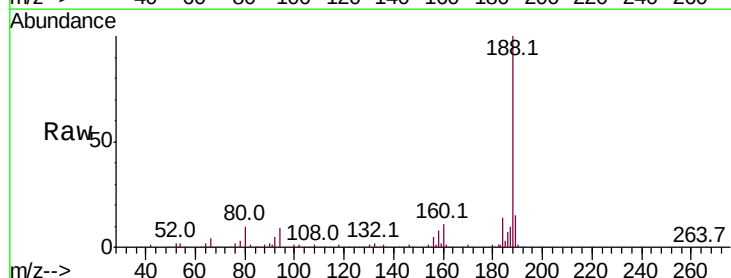
Manual Integrations
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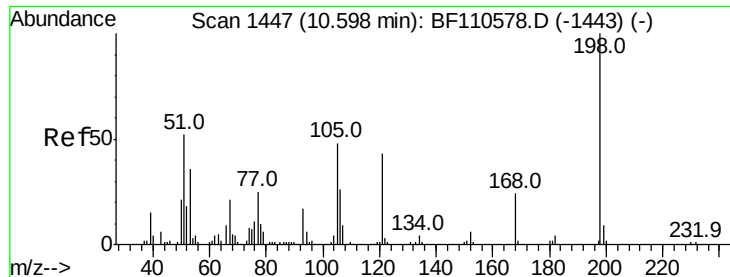
Sohil
11/20/2018 11:07:13 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.2	7.2	10.8	
80	10.3	7.9	11.9	





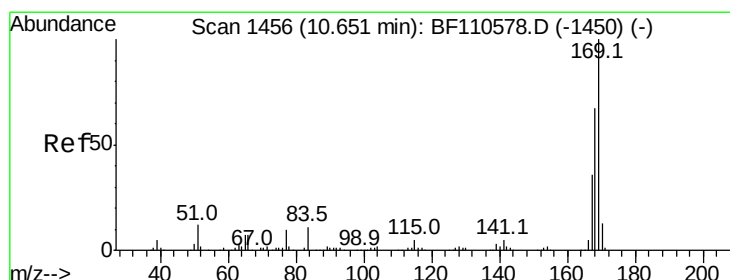
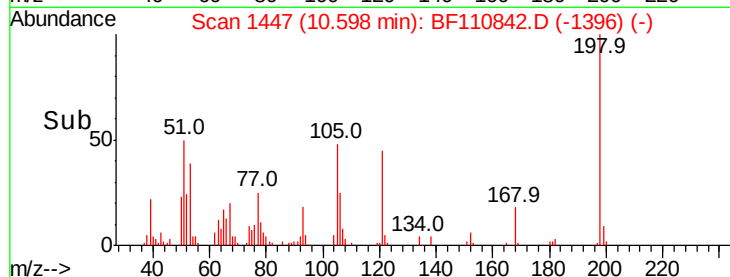
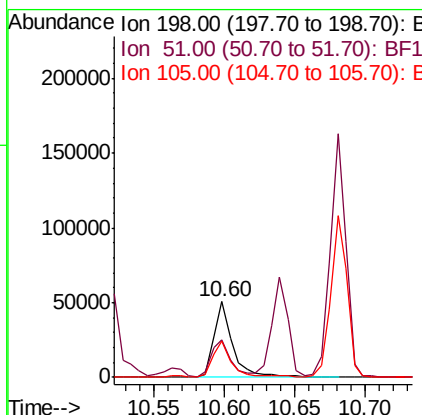
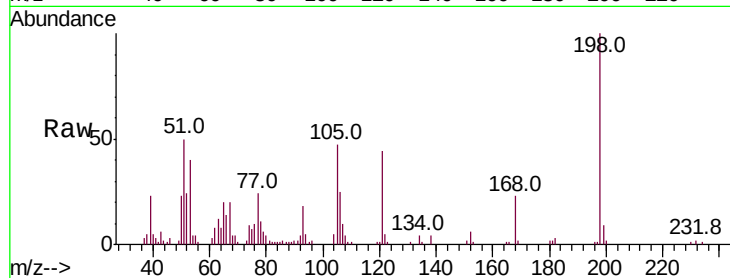
#65
4,6-Dinitro-2-methylphenol
Concen: 35.709 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.1	22.8	62.8
105	47.3	23.6	63.6

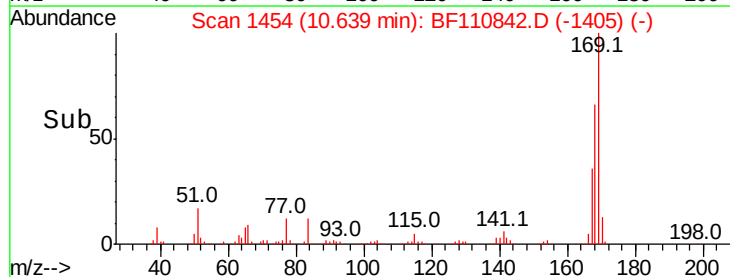
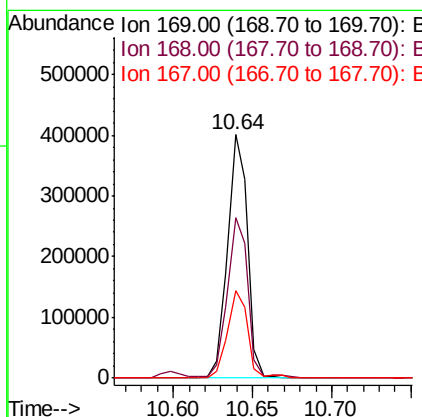
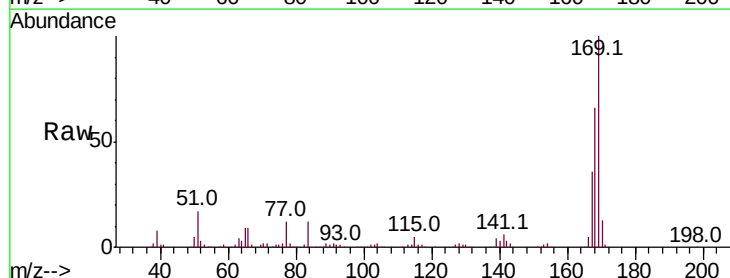
Manual Integrations
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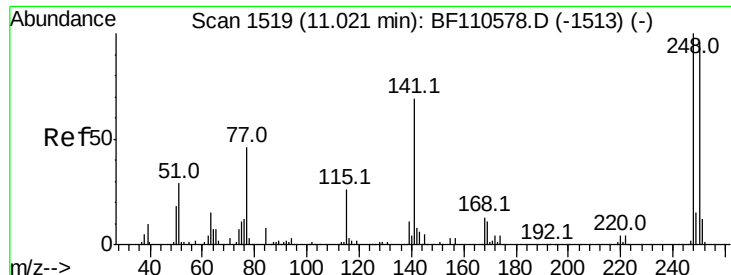
Sohil
11/20/2018 11:07:13 AM



#66
n-Nitrosodiphenylamine
Concen: 39.663 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	51.2	76.8
167	36.2	27.8	41.6





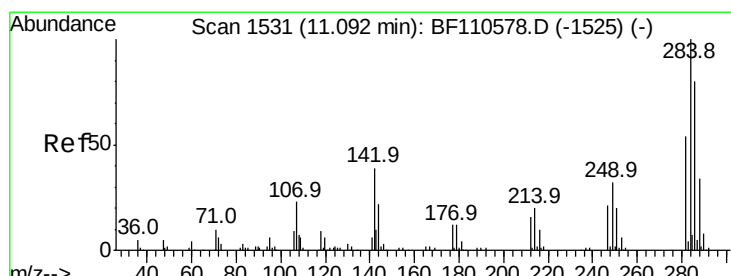
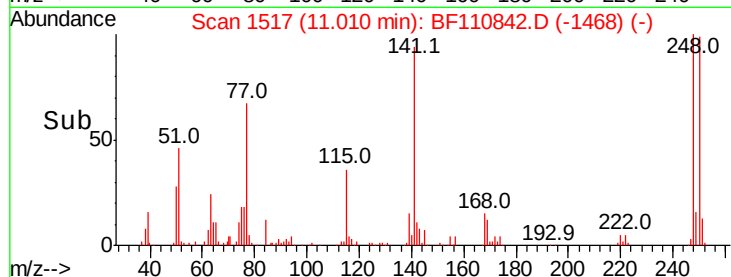
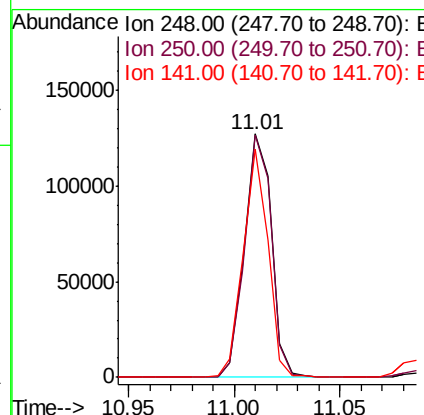
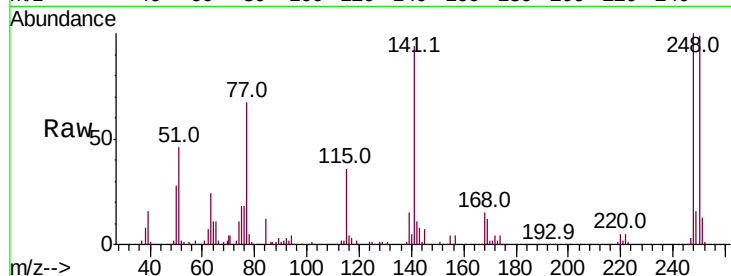
#67
4-Bromophenyl-phenylether
Concen: 39.139 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.4	119.2
141	93.9	55.9	83.9#

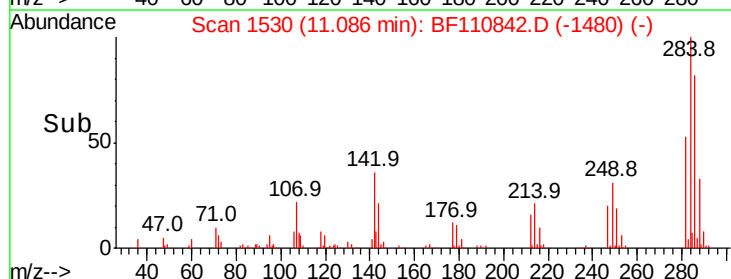
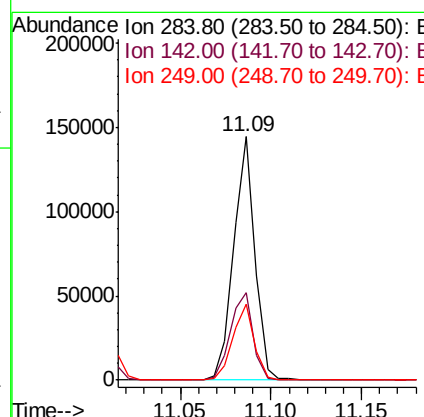
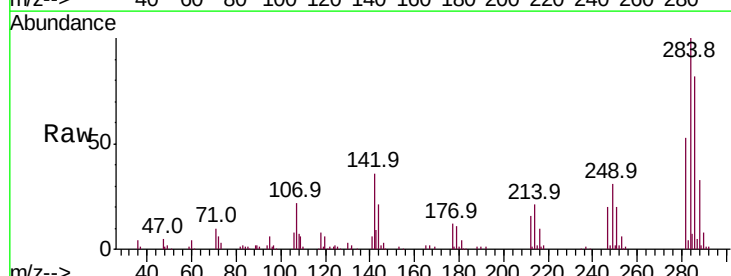
Manual Integrations
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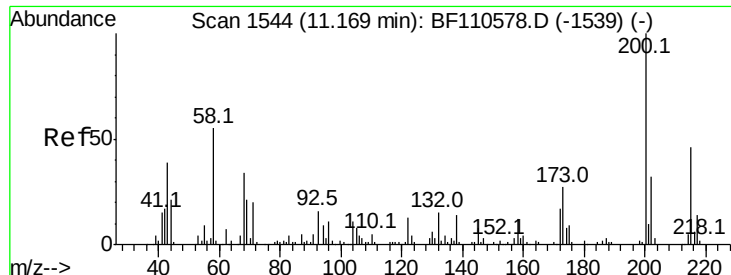
Sohil
11/20/2018 11:07:13 AM



#68
Hexachlorobenzene
Concen: 38.879 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	23.9	35.9#
249	31.4	24.2	36.2





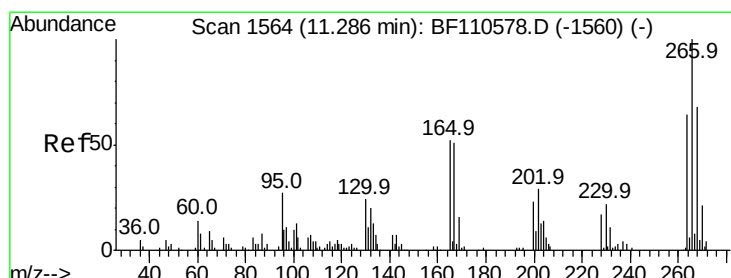
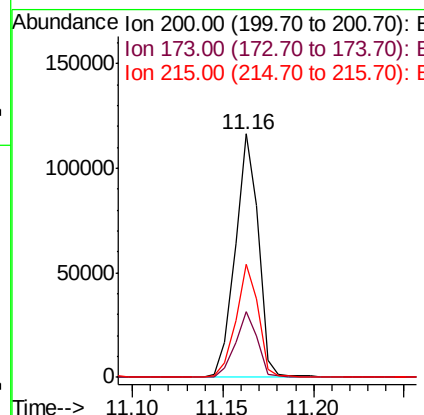
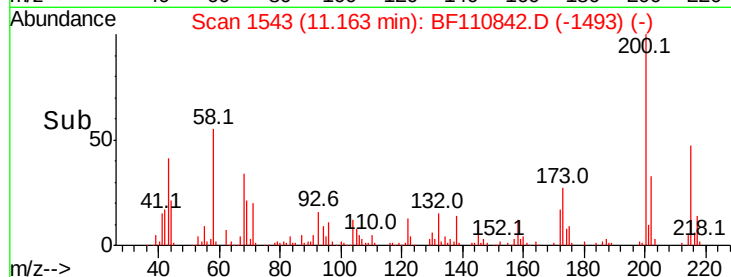
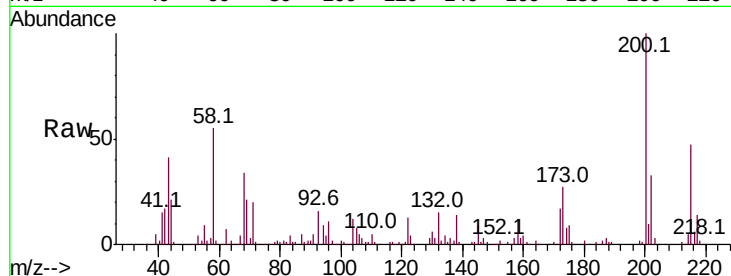
#69
 Atrazine
 Concen: 38.509 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	46.6	26.3	66.3

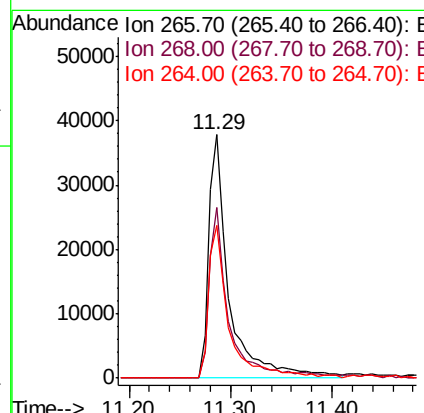
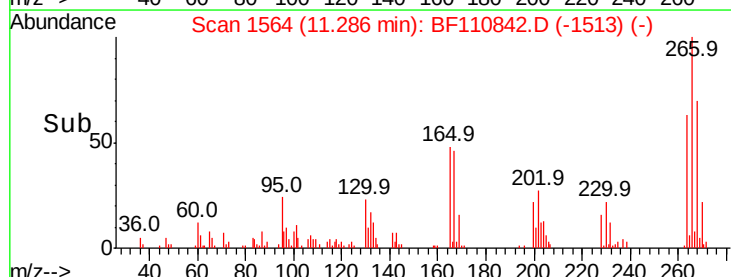
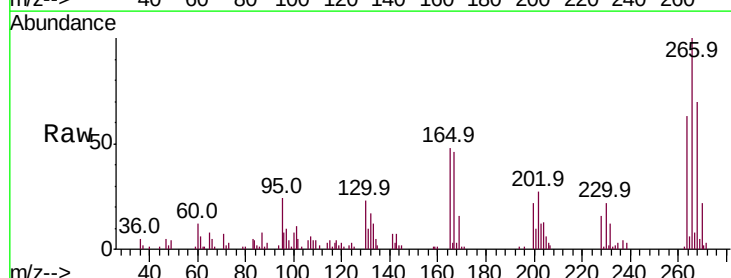
Manual Integrations
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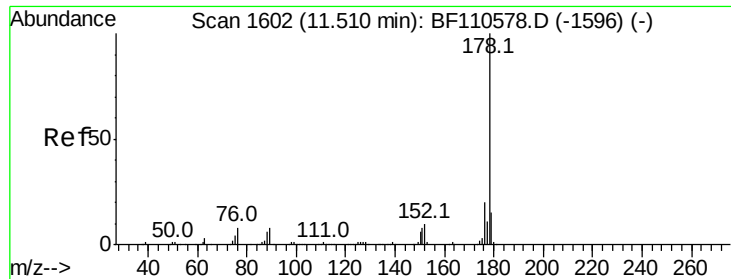
Sohil
 11/20/2018 11:07:13 AM



#70
 Pentachlorophenol
 Concen: 32.521 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.1	50.6	75.8
264	62.7	50.6	75.8





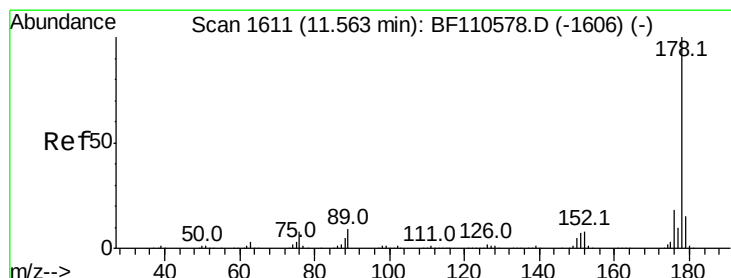
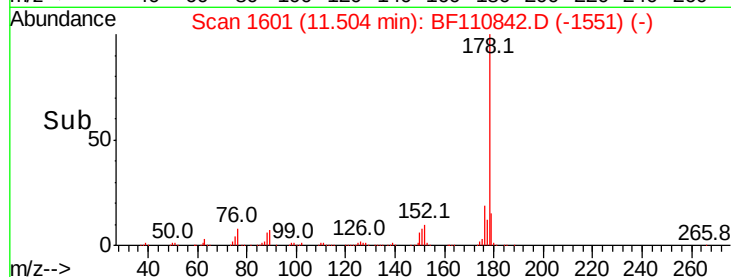
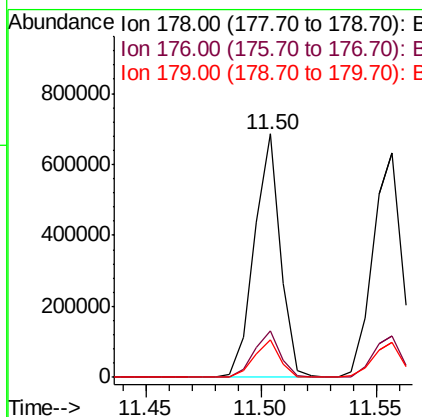
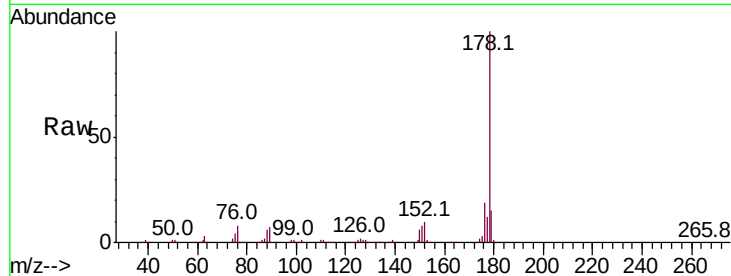
#71
Phenanthrene
Concen: 38.936 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.5	18.7

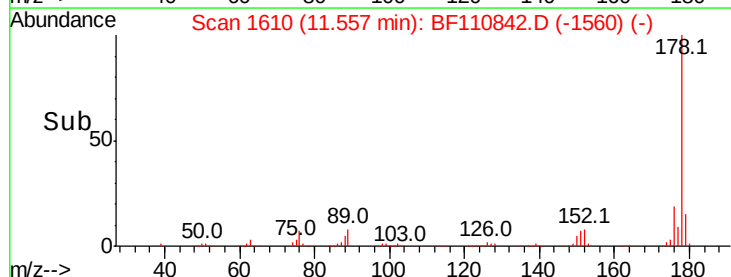
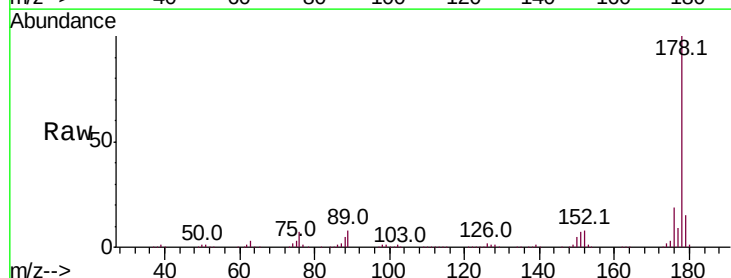
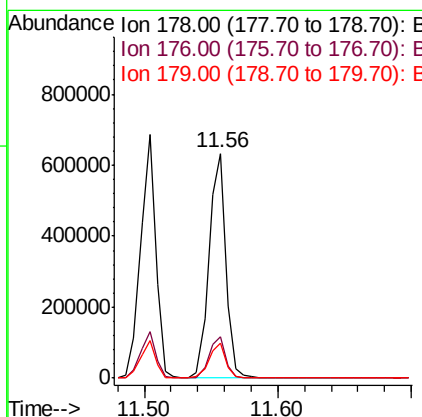
Manual Integrations
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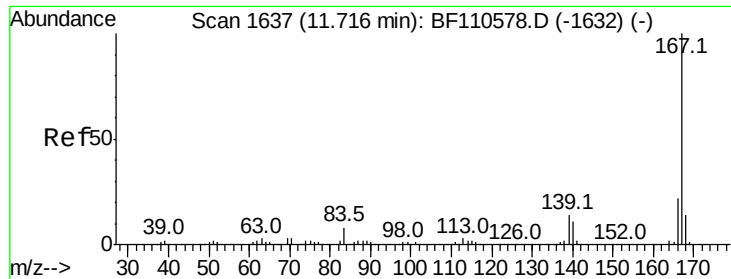
Sohil
11/20/2018 11:07:13 AM



#72
Anthracene
Concen: 39.756 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.3	12.6	18.8





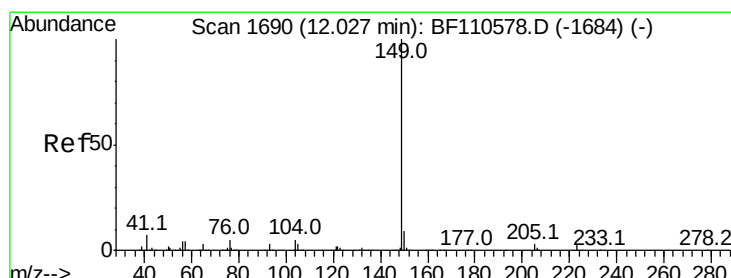
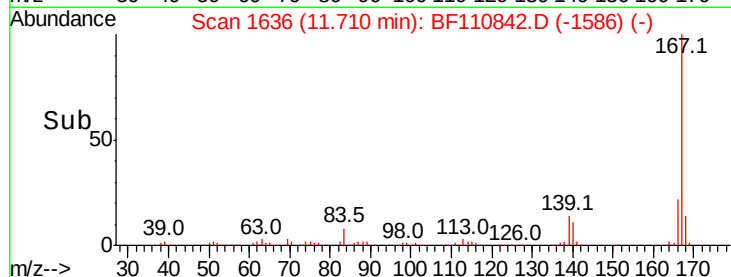
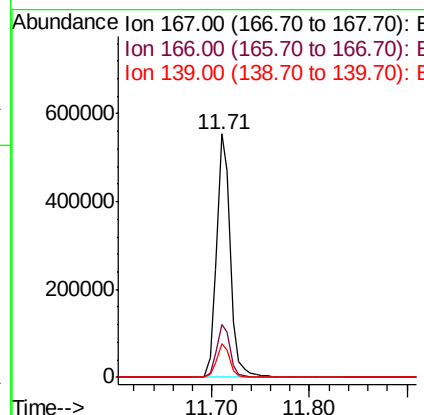
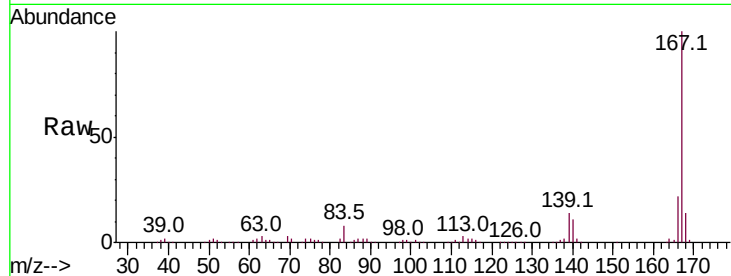
#73
 Carbazole
 Concen: 40.052 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100	541029		
166	21.7		17.4	26.0
139	13.6		10.9	16.3

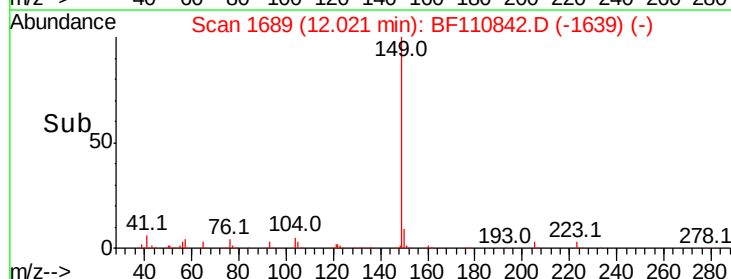
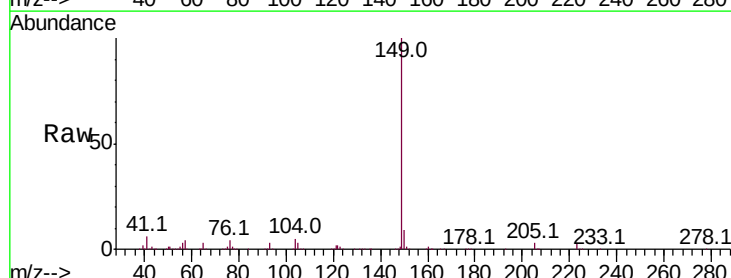
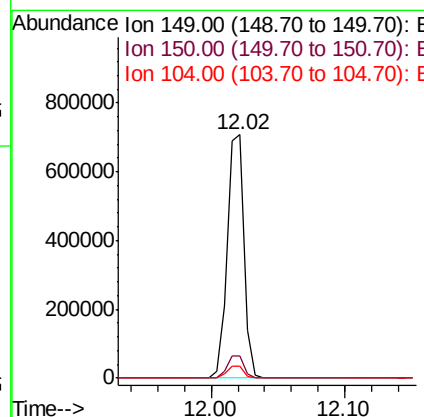
Manual Integrations
 APPROVED

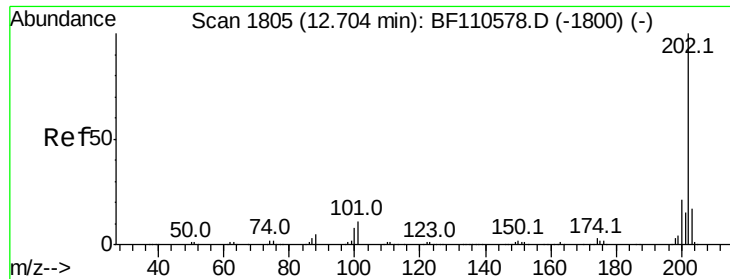
Sohil
 11/20/2018 11:07:13 AM



#74
 Di-n-butylphthalate
 Concen: 39.806 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	630550		
150	8.9		7.7	11.5
104	4.8		4.2	6.4





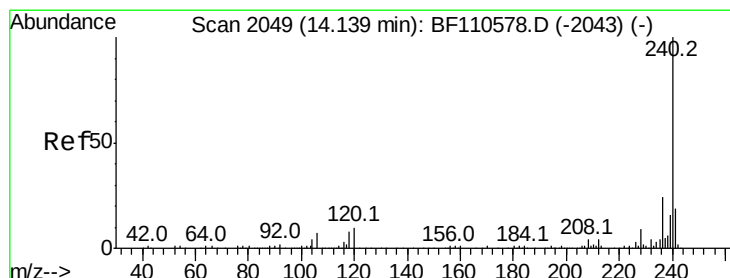
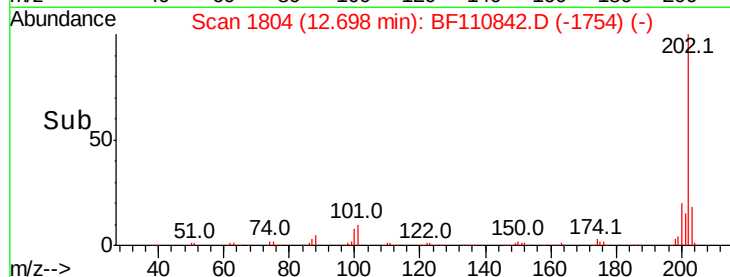
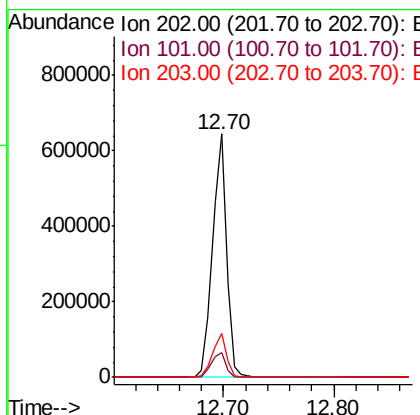
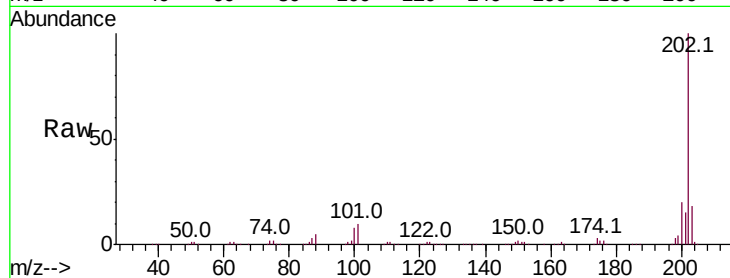
#75
Fluoranthene
 Concen: 39.760 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.8	0.0	37.7

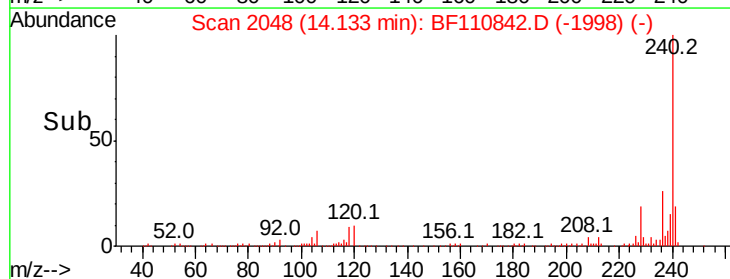
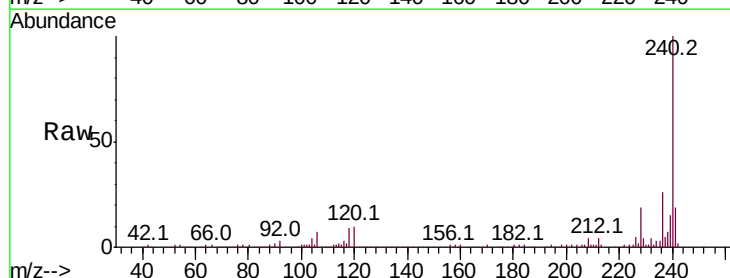
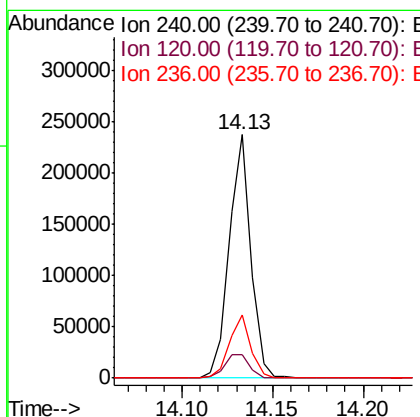
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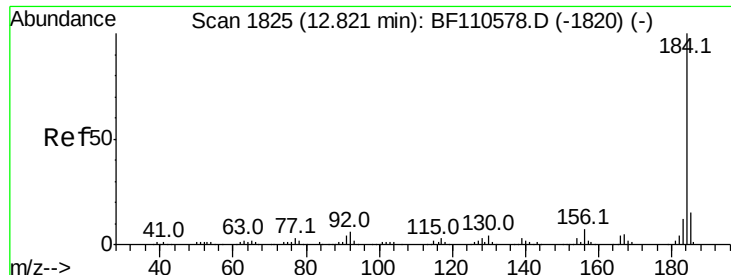
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.9	21.2	31.8





#77

Benzidine

Concen: 32.927 ng/mL

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 178686

Ion Ratio Lower Upper

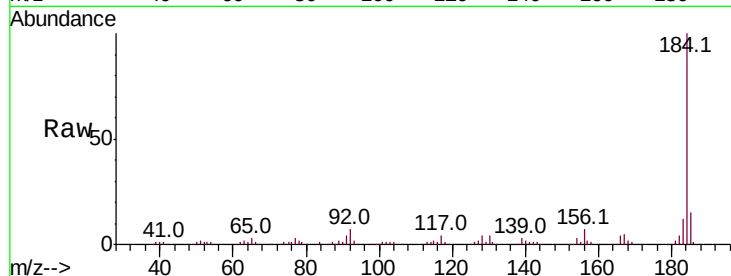
184 100

185 14.8 13.4 20.2

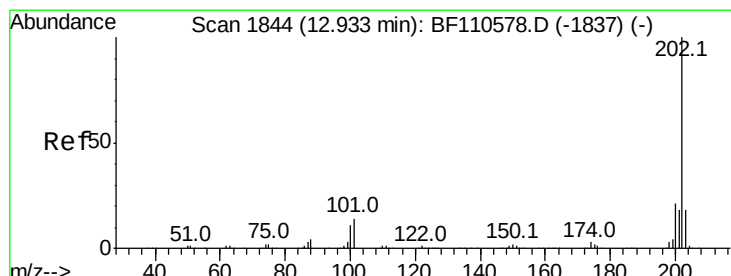
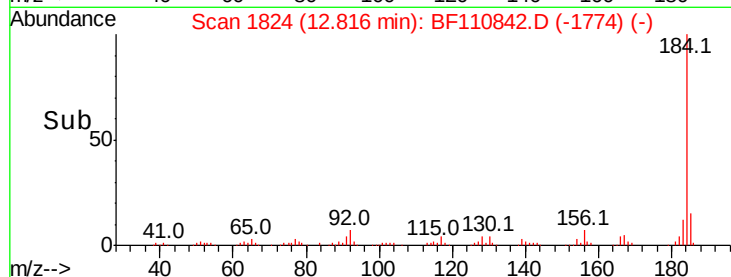
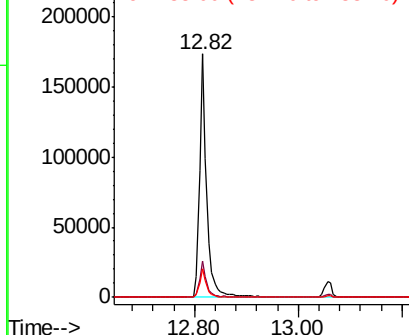
183 11.8 9.4 14.2

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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: 37.392 ng/mL

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

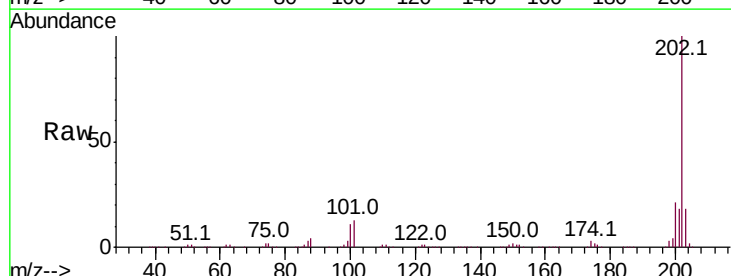
Tgt Ion:202 Resp: 568141

Ion Ratio Lower Upper

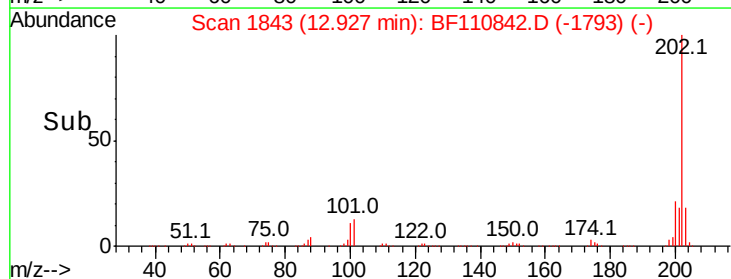
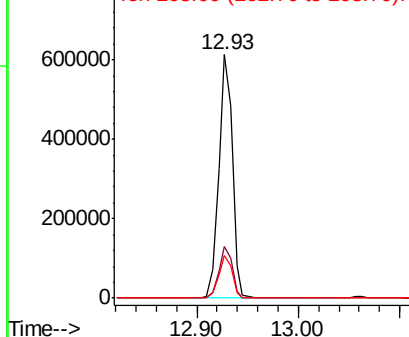
202 100

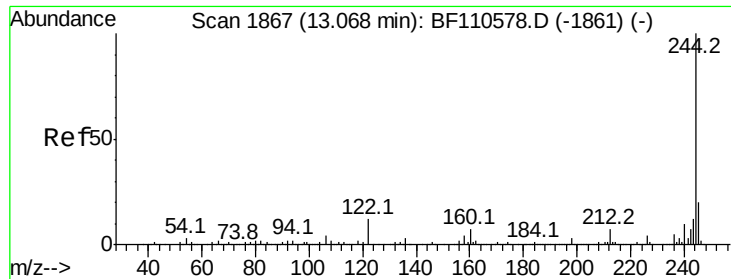
200 21.2 17.8 26.6

203 17.7 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





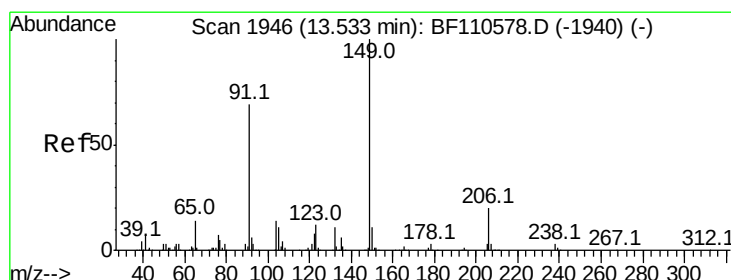
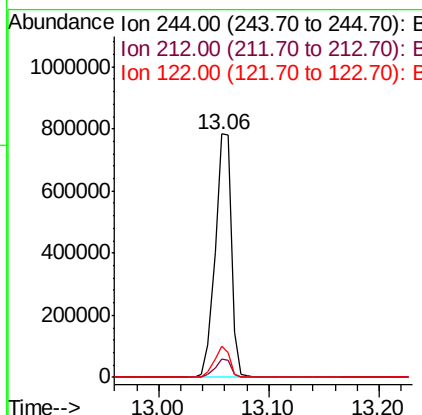
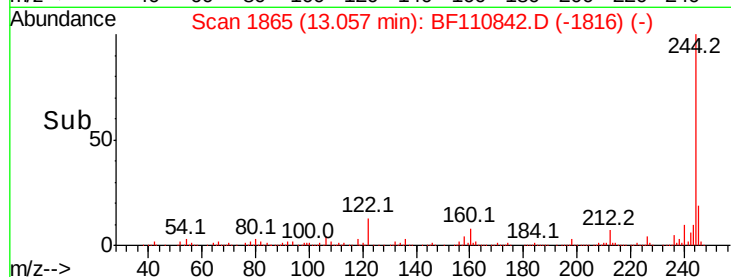
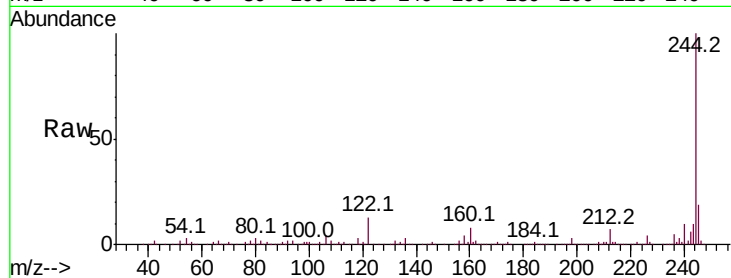
#79
 Terphenyl-d14
 Concen: 75.524 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.0	8.7	13.1

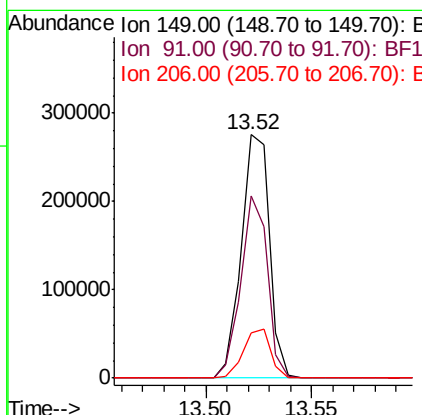
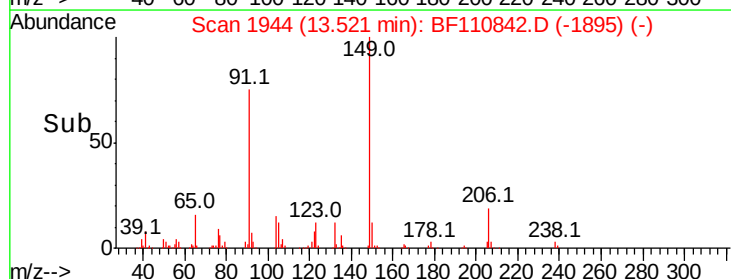
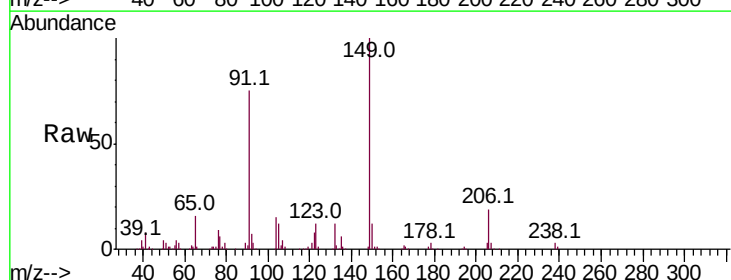
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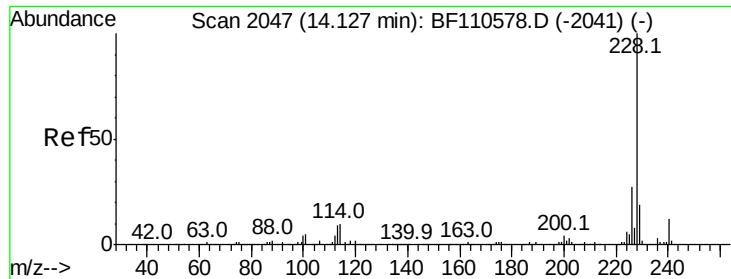
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#80
 Butylbenzylphthalate
 Concen: 39.038 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF110842.D
 Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	57.2	85.8
206	18.8	15.7	23.5





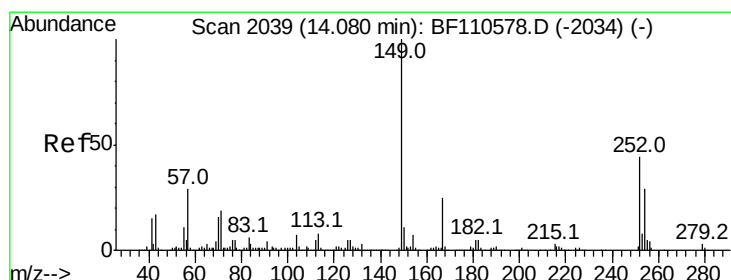
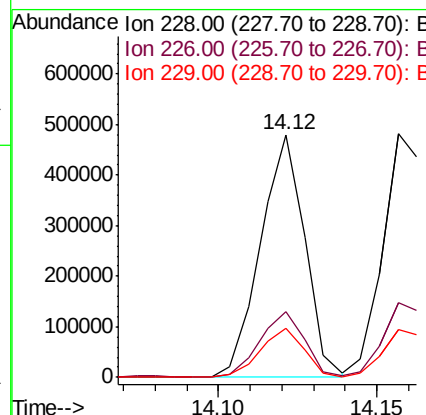
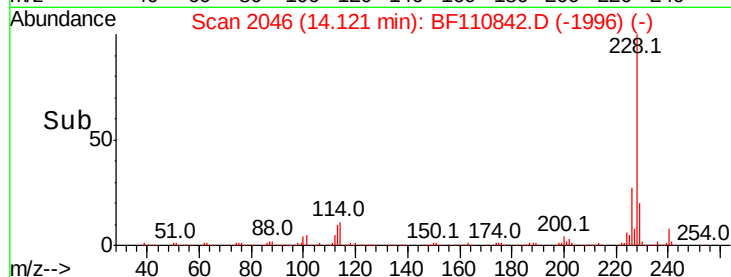
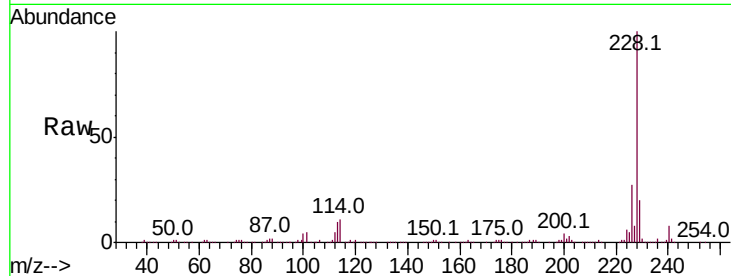
#81
Benzo(a)anthracene
Concen: 39.478 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.2	15.6	23.4

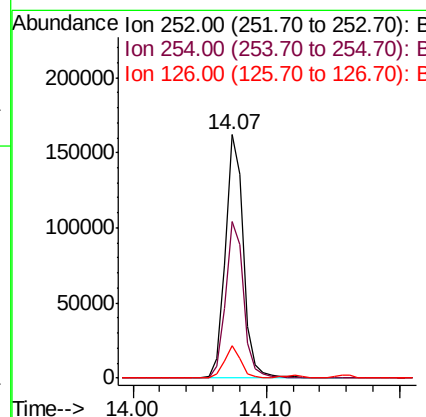
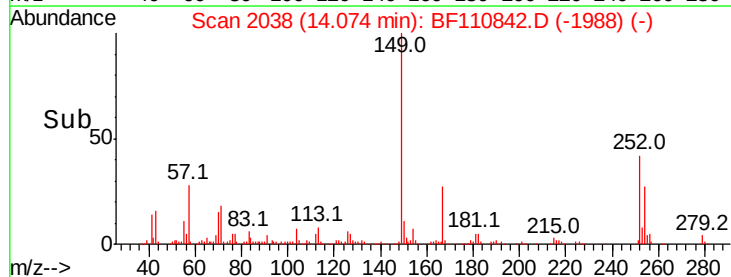
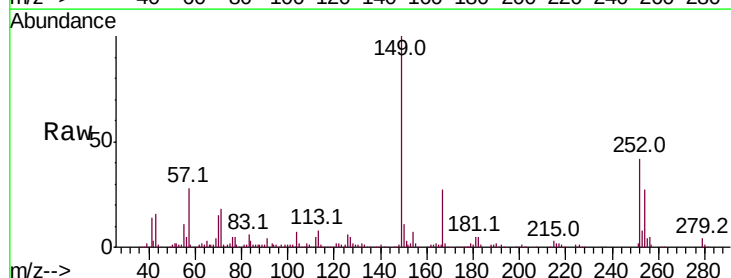
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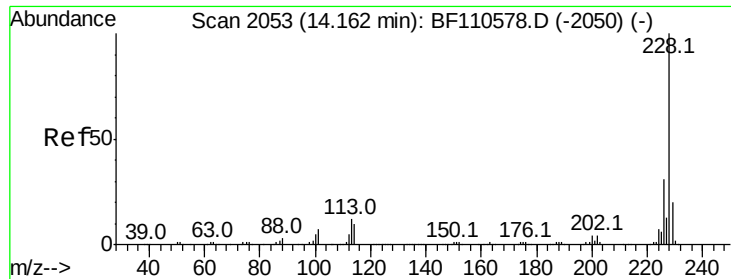
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#82
3,3'-Dichlorobenzidine
Concen: 39.440 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	13.2	9.4	14.2





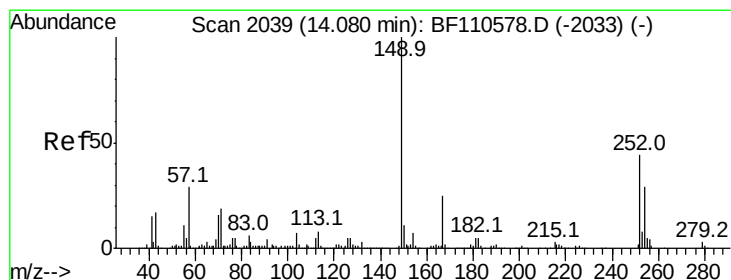
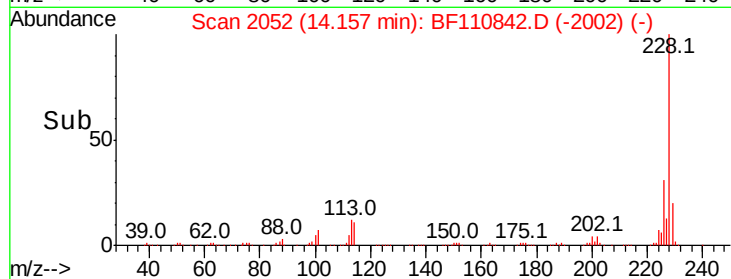
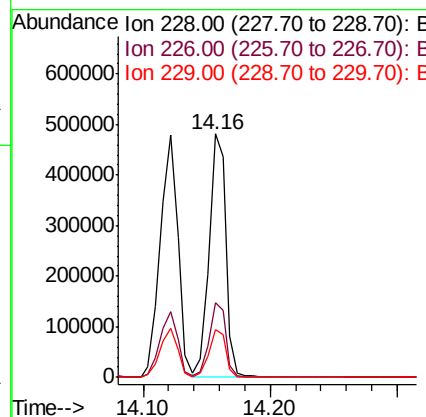
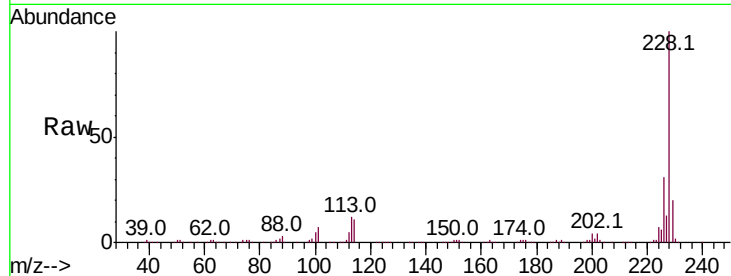
#83
Chrysene
Concen: 39.574 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.8	15.9	23.9

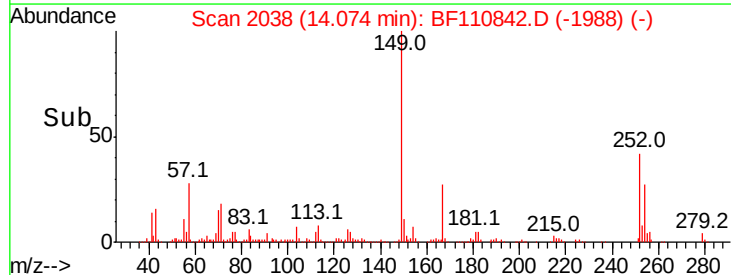
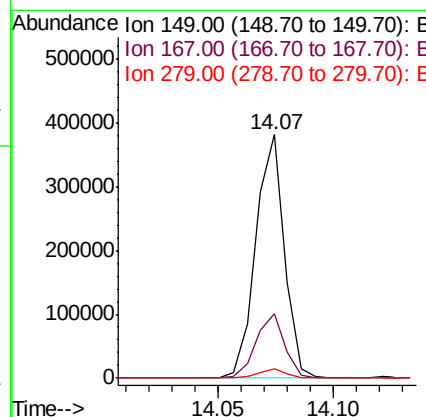
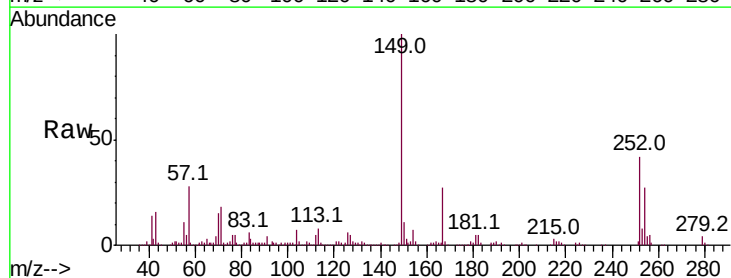
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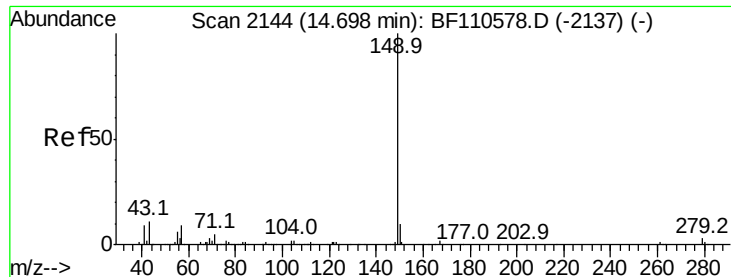
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.704 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.8	29.8
279	3.8	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 42.494 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110842.D

Acq: 19 Nov 2018 10:11

Instrument :

BNA_F

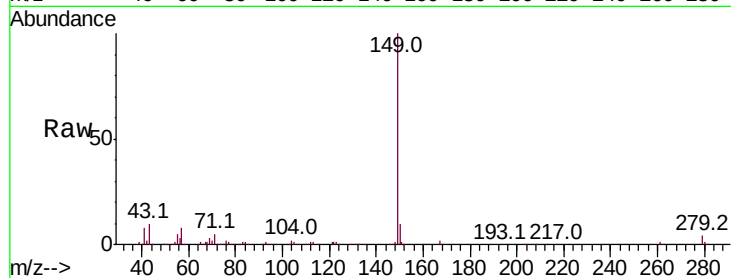
ClientSampleId :

SSTDCCC040

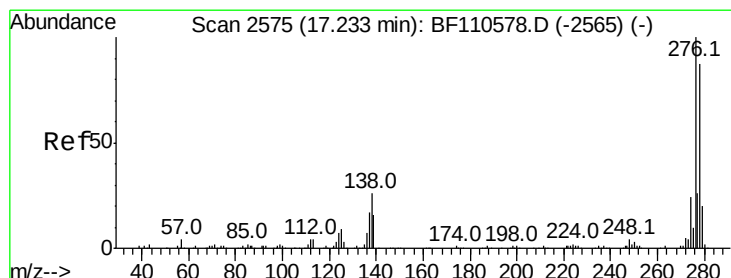
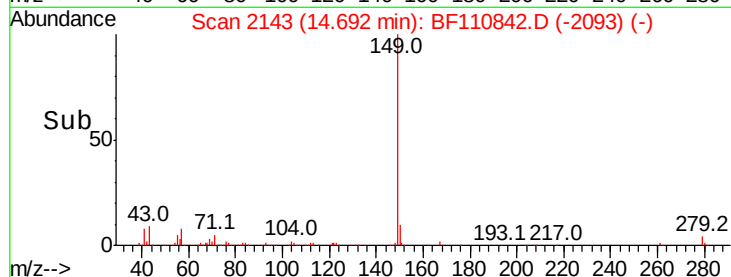
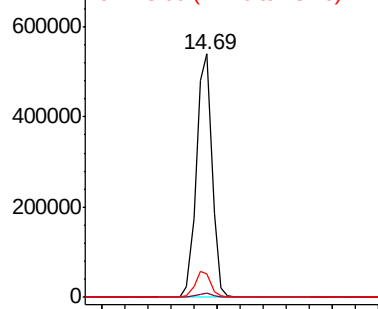
Tot Ion:	149	Resp:	506951
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.6	7.8	11.8

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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: 36.301 ng

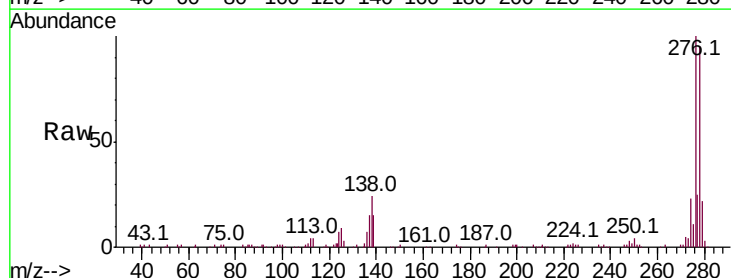
RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

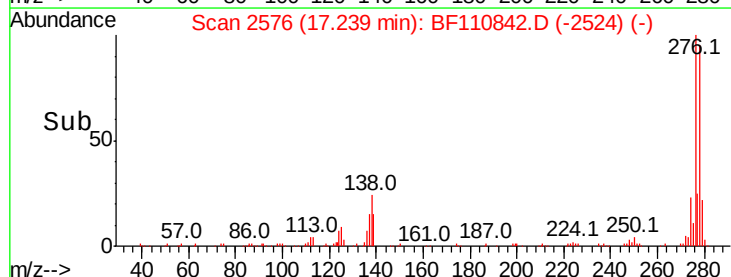
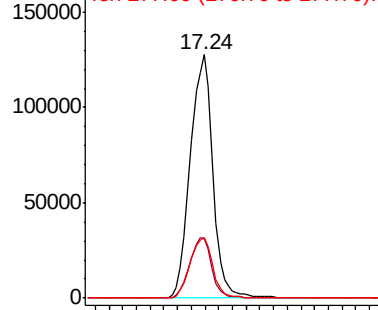
Lab File: BF110842.D

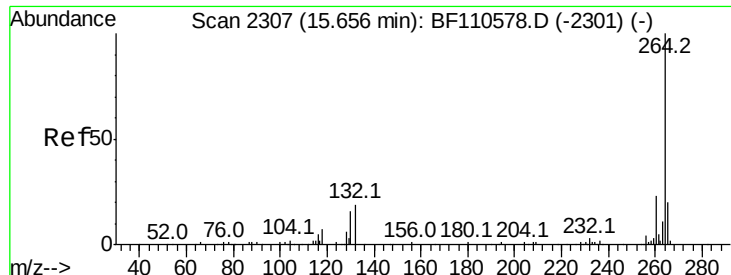
Acq: 19 Nov 2018 10:11

Tgt Ion:	276	Resp:	292714
Ion Ratio	Lower	Upper	
276	100		
138	24.2	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





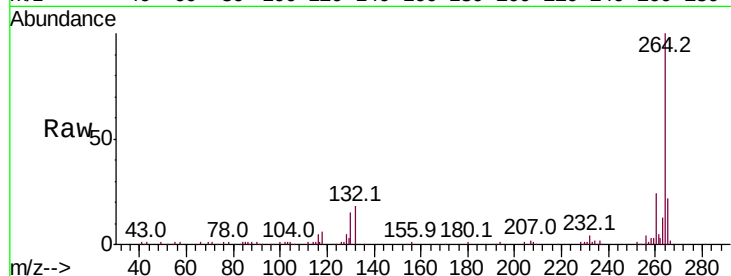
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

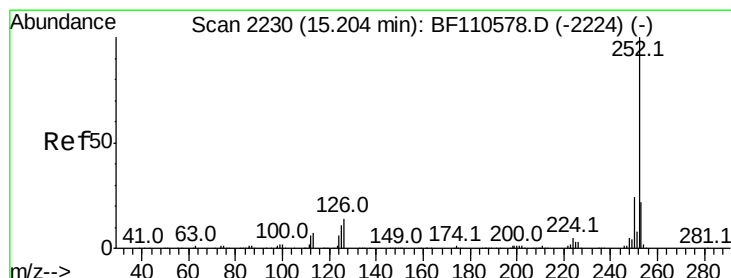
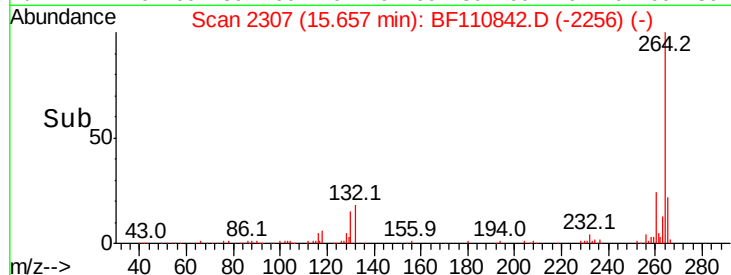
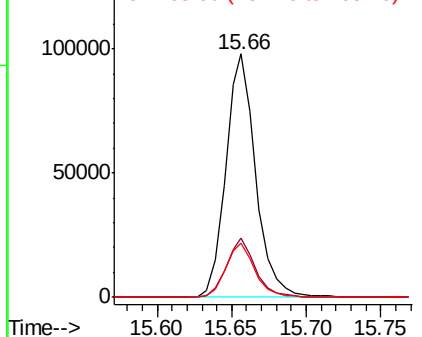
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.0	16.7	25.1

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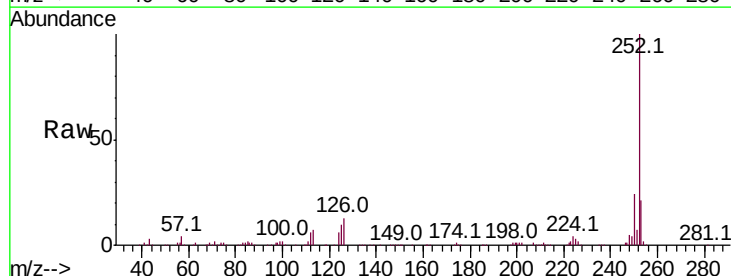


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

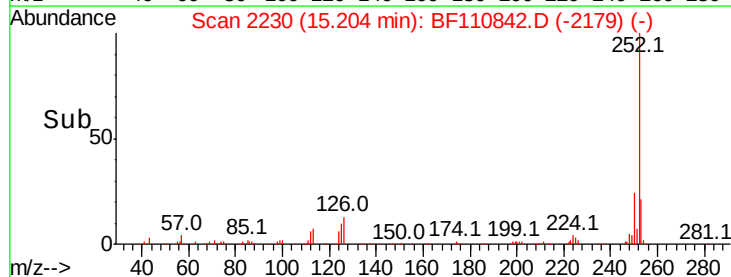
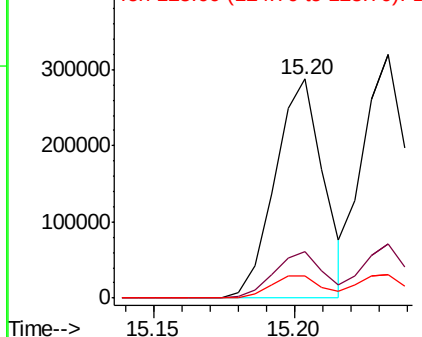


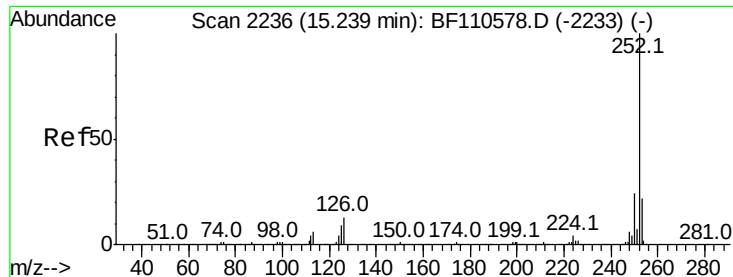
#88
Benzo(b)fluoranthene
Concen: 41.765 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.2	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





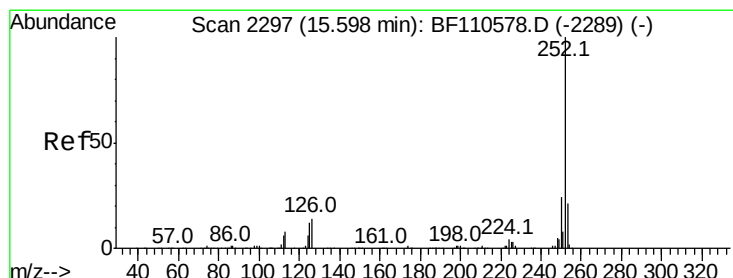
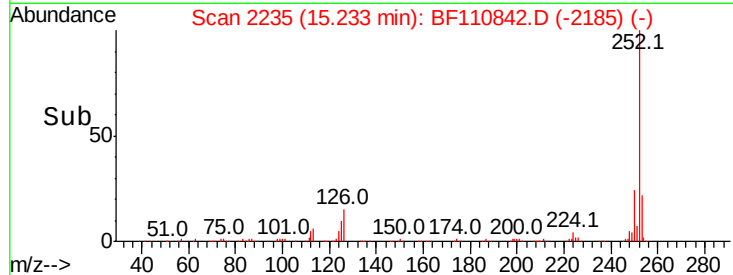
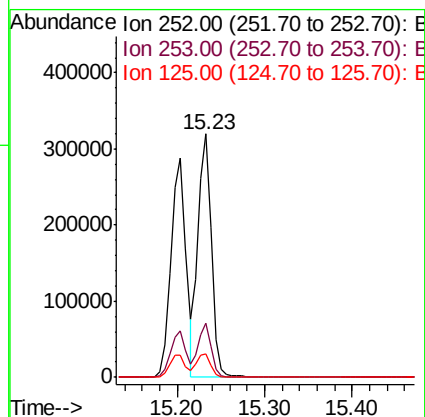
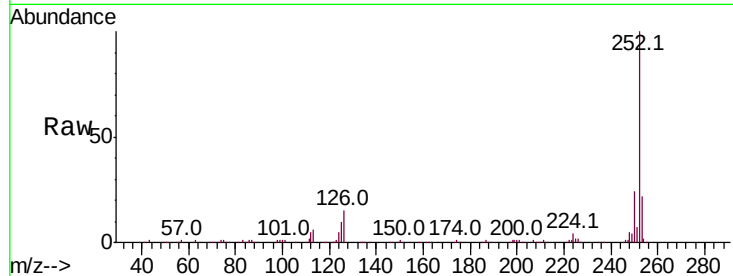
#89
Benzo(k)fluoranthene
Concen: 43.147 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.8	7.4	11.0

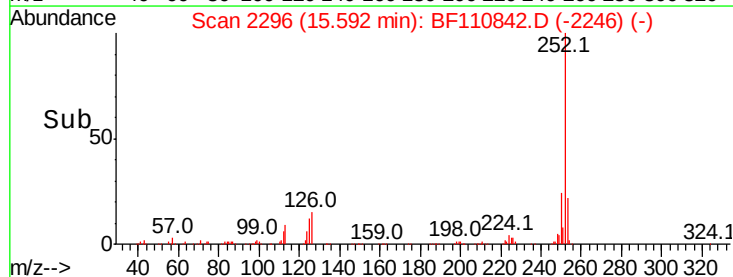
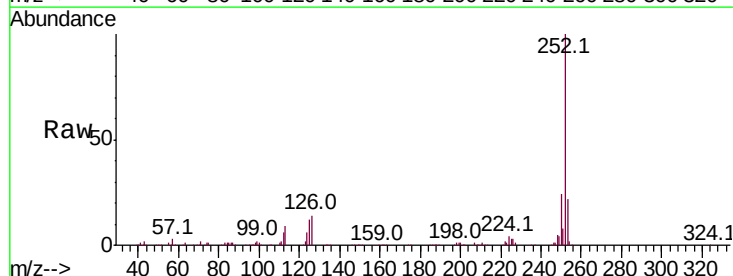
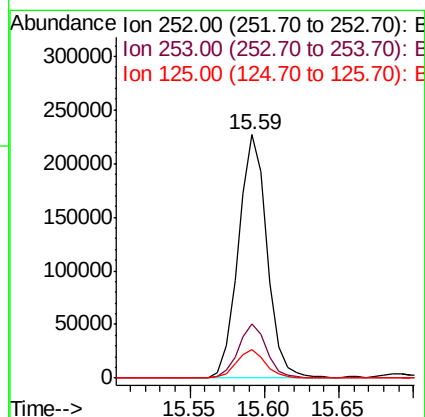
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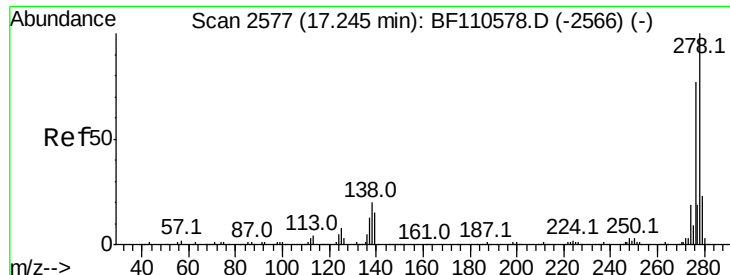
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#90
Benzo(a)pyrene
Concen: 40.751 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.7	9.0	13.6





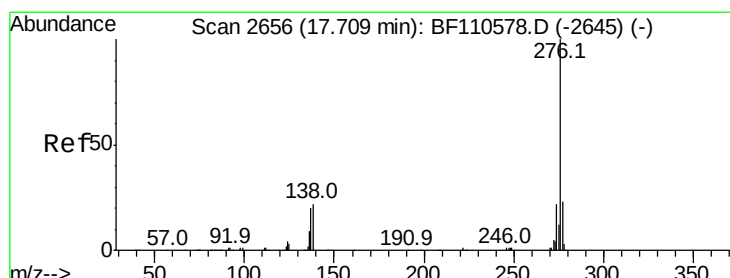
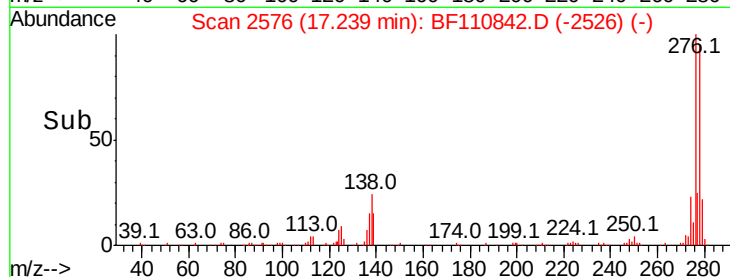
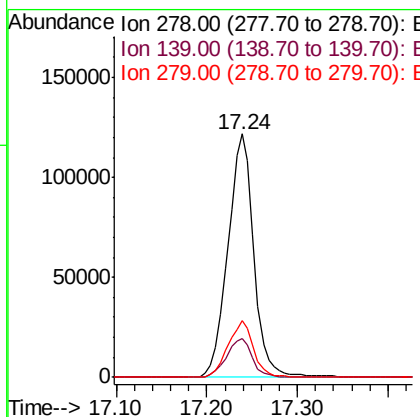
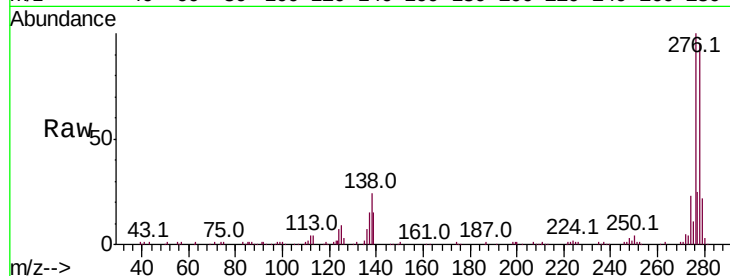
#91
Dibenzo(a,h)anthracene
Concen: 38.468 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	23.5	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/20/2018 11:07:13 AM



#92
Benzo(g,h,i)perylene
Concen: 38.734 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110842.D
Acq: 19 Nov 2018 10:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.9	16.0	24.0

