

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
 Data File : BF110942.D
 Acq On : 23 Nov 2018 14:22
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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MOHAMMAD
 11/26/2018 3:11:54 PM

Quant Time: Nov 23 20:41:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	63163	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	262351	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	126463	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	246358	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	179447	20.00	ng	0.00
87) Perylene-d12	15.66	264	123088	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	318158	81.82	ng	-0.01
7) Phenol-d6	6.56	99	400794	80.60	ng	-0.01
23) Nitrobenzene-d5	7.50	82	379335	83.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	106819	83.83	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	711922	80.40	ng	-0.01
79) Terphenyl-d14	13.06	244	771516	80.52	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	75858	39.152	ng	88
3) Pyridine	3.55	79	166106	39.718	ng	# 82
4) n-Nitrosodimethylamine	3.51	42	76197	42.463	ng	# 81
6) Aniline	6.60	93	248171	38.270	ng	# 55
8) 2-Chlorophenol	6.72	128	184900	40.561	ng	98
9) Benzaldehyde	6.50	77	103148	38.155	ng	97
10) Phenol	6.58	94	227451	39.448	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	167913	38.859	ng	92
12) 1,3-Dichlorobenzene	6.87	146	200766	40.252	ng	99
13) 1,4-Dichlorobenzene	6.95	146	206192	40.710	ng	99
14) 1,2-Dichlorobenzene	7.10	146	192614	40.880	ng	99
15) Benzyl Alcohol	7.08	79	155298	39.908	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	270666	39.886	ng	74
17) 2-Methylphenol	7.19	107	142689	39.330	ng	# 83
18) Hexachloroethane	7.44	117	74960	40.089	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	128546	40.498	ng	97
20) 3+4-Methylphenols	7.34	107	186861	40.123	ng	95
22) Acetophenone	7.35	105	252911	41.364	ng	# 95
24) Nitrobenzene	7.53	77	187225	40.113	ng	90
25) Isophorone	7.76	82	302805	40.555	ng	97
26) 2-Nitrophenol	7.84	139	97274	41.776	ng	97
27) 2,4-Dimethylphenol	7.87	122	144844	40.845	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	207200	40.986	ng	98
29) 2,4-Dichlorophenol	8.08	162	152516	41.798	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	171733	41.743	ng	94
31) Naphthalene	8.24	128	499520	40.559	ng	99
32) Benzoic acid	8.01	122	111005m	44.242	ng	
33) 4-Chloroaniline	8.30	127	219025	39.262	ng	97
34) Hexachlorobutadiene	8.35	225	98708	42.006	ng	99
35) Caprolactam	8.67	113	51487	42.235	ng	92
36) 4-Chloro-3-methylphenol	8.77	107	164564	41.818	ng	98
37) 2-Methylnaphthalene	8.93	142	331273	41.031	ng	99
38) 1-Methylnaphthalene	9.03	142	314364	40.487	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	165250	41.281	ng	99

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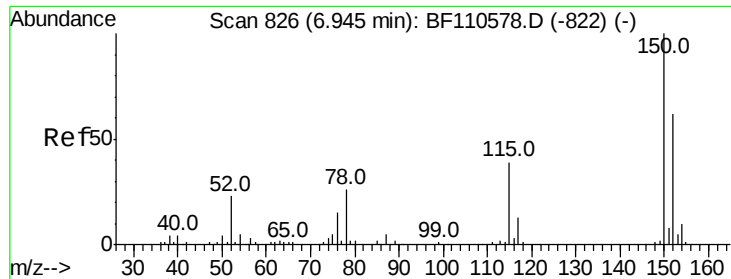
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	45165	33.808	nq	97
43) 2,4,6-Trichlorophenol	9.22	196	99351	39.495	nq	94
44) 2,4,5-Trichlorophenol	9.26	196	105914	39.472	nq	94
46) 1,1'-Biphenyl	9.40	154	479312	40.629	nq	99
47) 2-Chloronaphthalene	9.43	162	342094	40.251	nq	98
48) 2-Nitroaniline	9.53	65	110353	42.134	nq	95
49) Acenaphthylene	9.85	152	490362	40.063	nq	99
50) Dimethylphthalate	9.69	163	372442	39.469	nq	100
51) 2,6-Dinitrotoluene	9.77	165	83543	40.246	nq #	90
52) Acenaphthene	10.02	154	312611	40.414	nq	98
53) 3-Nitroaniline	9.95	138	98511	40.962	nq	98
54) 2,4-Dinitrophenol	10.07	184	36321	46.044	nq	87
55) Dibenzofuran	10.19	168	453348	40.059	nq	99
56) 4-Nitrophenol	10.11	139	60040	37.631	nq	96
57) 2,4-Dinitrotoluene	10.19	165	111432	41.286	nq #	91
58) Fluorene	10.53	166	355844	40.936	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	84084	39.834	nq	93
60) Diethylphthalate	10.39	149	388806	41.648	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	186090	41.346	nq	99
62) 4-Nitroaniline	10.57	138	94931	39.200	nq	93
63) Azobenzene	10.68	77	374604	41.128	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	47069	37.910	nq	83
66) n-Nitrosodiphenylamine	10.64	169	330315	39.778	nq	95
67) 4-Bromophenyl-phenylether	11.01	248	109272	40.133	nq	94
68) Hexachlorobenzene	11.09	284	115465	40.223	nq	97
69) Atrazine	11.16	200	93417	36.793	nq	96
70) Pentachlorophenol	11.29	266	55300	36.103	nq	97
71) Phenanthrene	11.50	178	524978	39.775	nq	99
72) Anthracene	11.55	178	534224	40.124	nq	98
73) Carbazole	11.71	167	526409	41.169	nq	99
74) Di-n-butylphthalate	12.02	149	617344	41.172	nq	99
75) Fluoranthene	12.70	202	538421	40.689	nq	98
77) Benzidine	12.82	184	233147	47.245	nq	95
78) Pyrene	12.93	202	554079	40.101	nq	99
80) Butylbenzylphthalate	13.52	149	248737	41.826	nq	99
81) Benzo(a)anthracene	14.12	228	427998	39.904	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	149258	41.541	nq	99
83) Chrysene	14.16	228	408468	39.974	nq	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	328429	44.518	nq	97
85) Di-n-octyl phthalate	14.69	149	473125	43.611	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	276308	37.682	nq	99
88) Benzo(b)fluoranthene	15.20	252	282622	38.381	nq	98
89) Benzo(k)fluoranthene	15.23	252	310198	42.633	nq	99
90) Benzo(a)pyrene	15.60	252	268379	40.114	nq	97
91) Dibenzo(a,h)anthracene	17.25	278	229901	40.607	nq	97
92) Benzo(g,h,i)perylene	17.73	276	230388	41.013	nq	98

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



#1

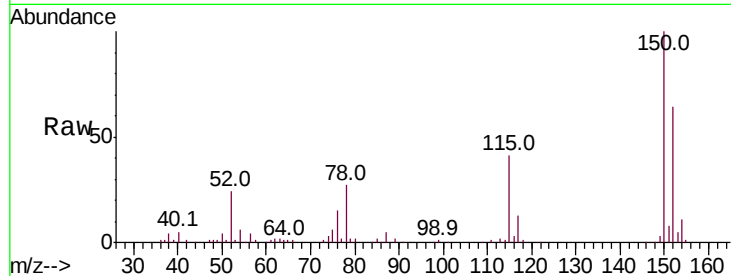
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	64.7	49.1	73.7

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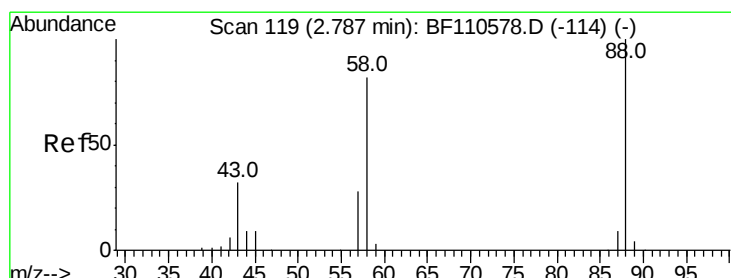
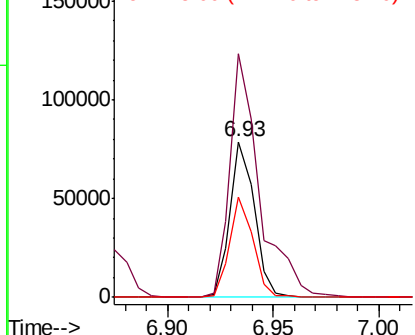
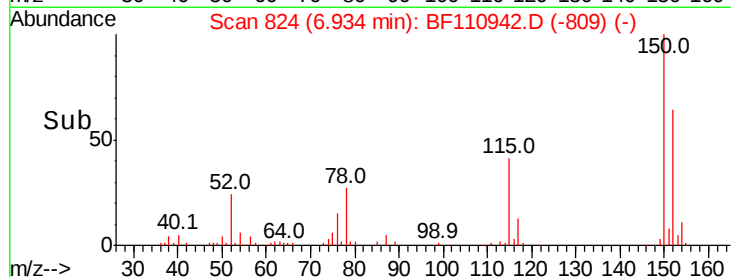


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

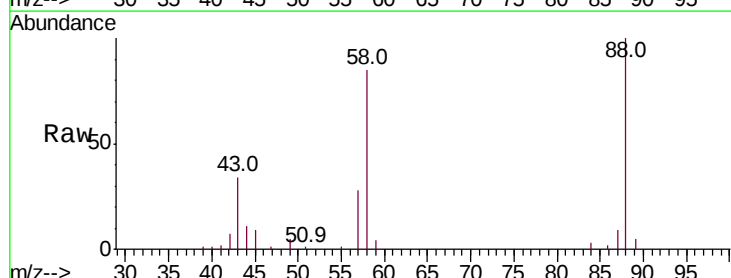
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.152 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.04 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	57.1	85.7
43	33.6	24.1	36.1

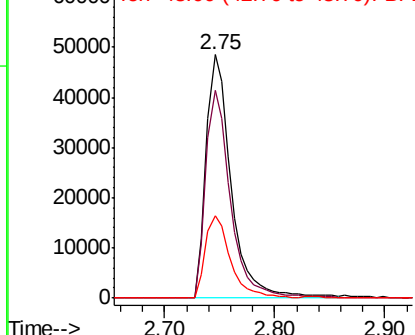
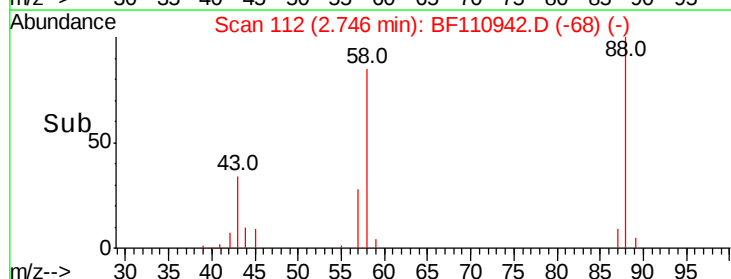


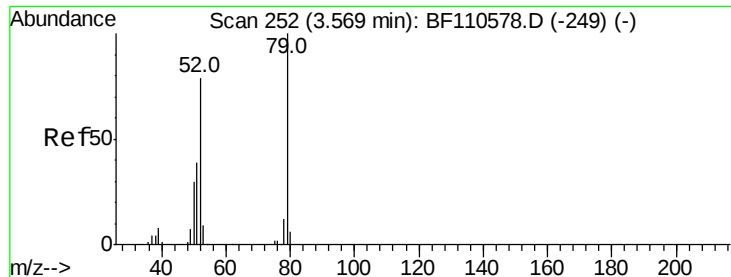
Abundance

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: 39.718 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.02 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

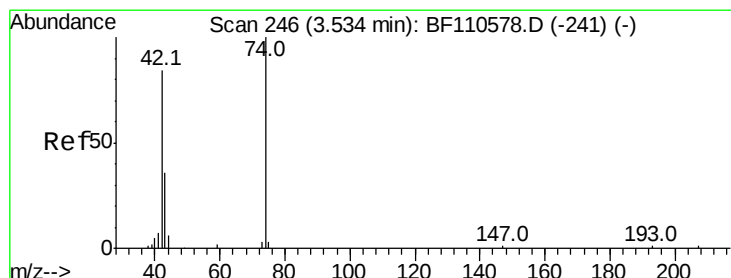
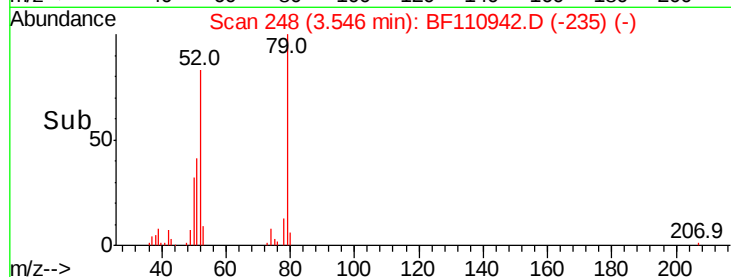
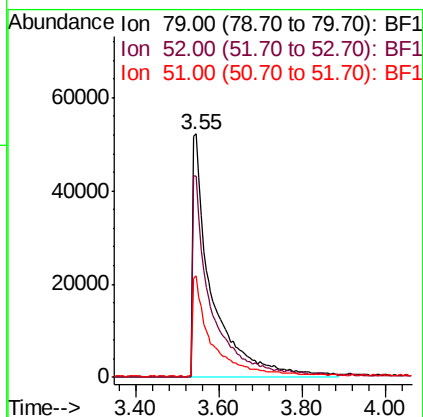
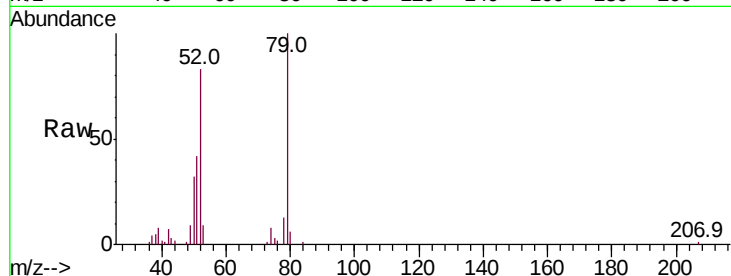
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.7	53.1	79.7#
51	41.5	27.4	41.2#

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11/26/2018 3:11:54 PM



#4

n-Nitrosodimethylamine

Concen: 42.463 ng

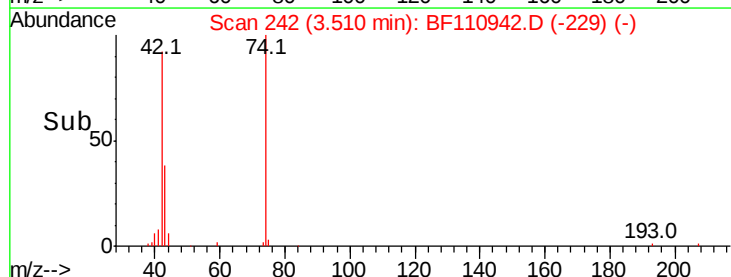
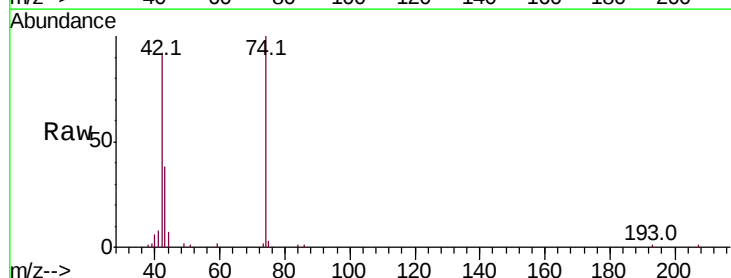
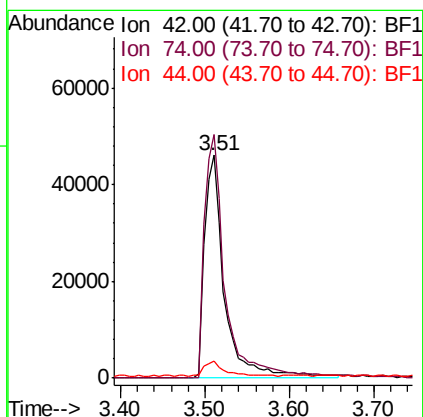
RT: 3.51 min Scan# 242

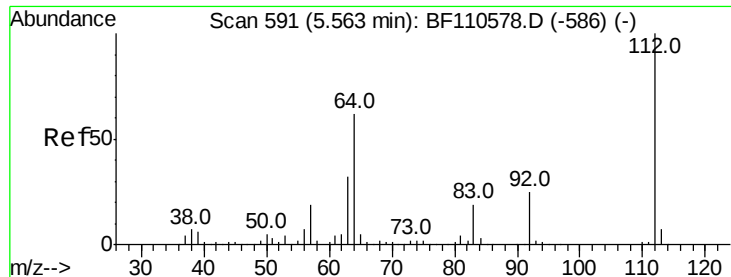
Delta R.T. -0.02 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.3	105.5	158.3
44	7.6	4.9	7.3#





#5

2-Fluorophenol

Concen: 81.818 ng

RT: 5.55 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

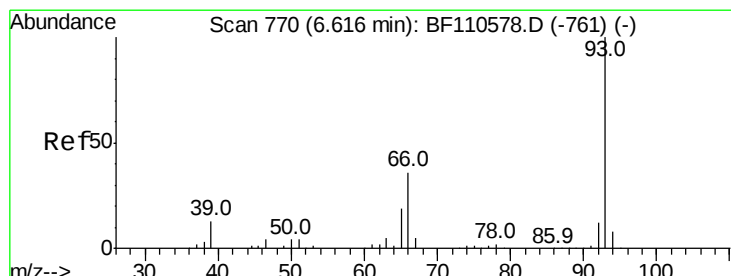
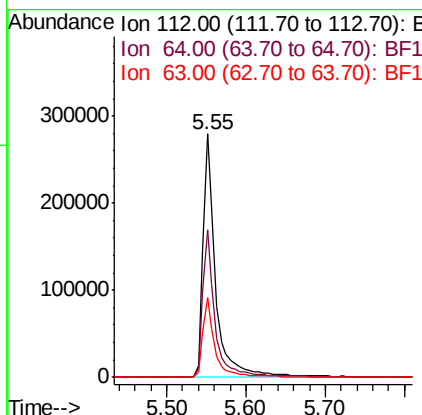
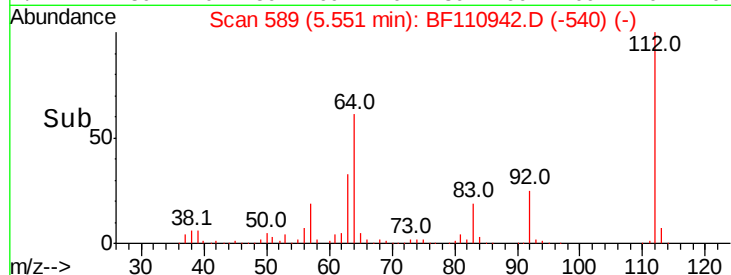
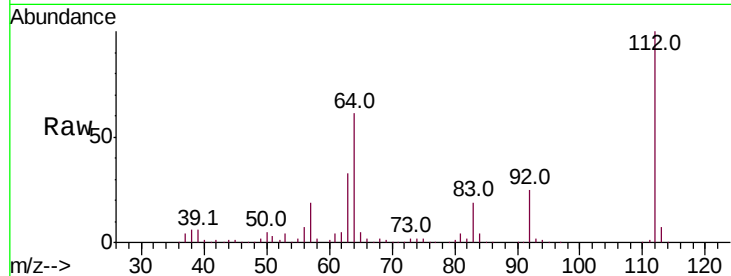
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	318158
Ion Ratio	Lower	Upper	
112	100		
64	60.8	44.1	66.1
63	33.0	23.7	35.5

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11/26/2018 3:11:54 PM



#6

Aniline

Concen: 38.270 ng

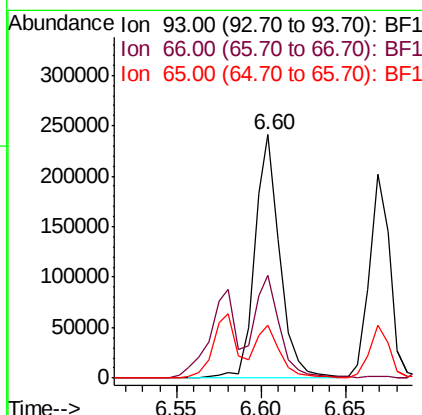
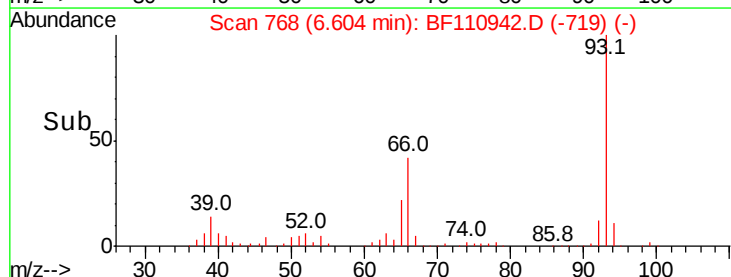
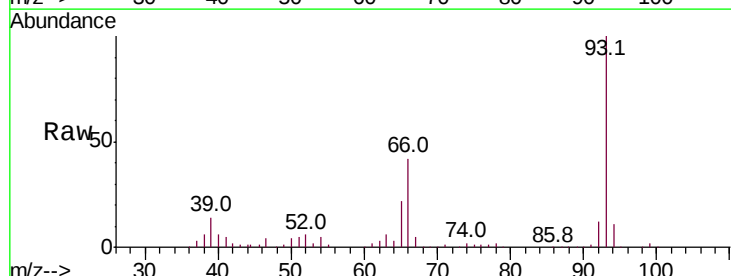
RT: 6.60 min Scan# 768

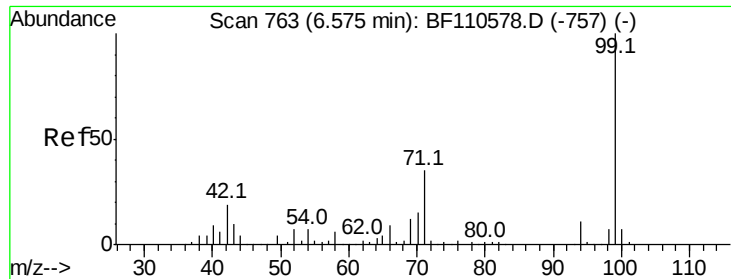
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	93	Resp:	248171
Ion Ratio	Lower	Upper	
93	100		
66	42.4	67.4	101.0#
65	21.7	41.0	61.4#





#7

Phenol-d6

Concen: 80.601 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

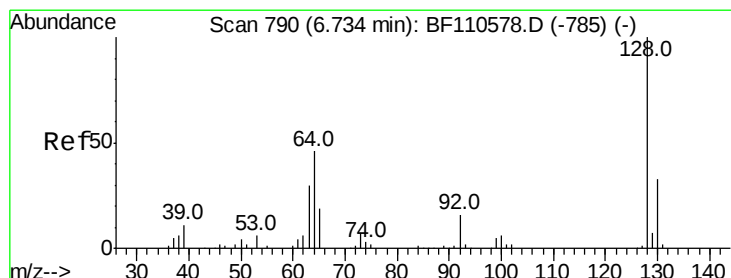
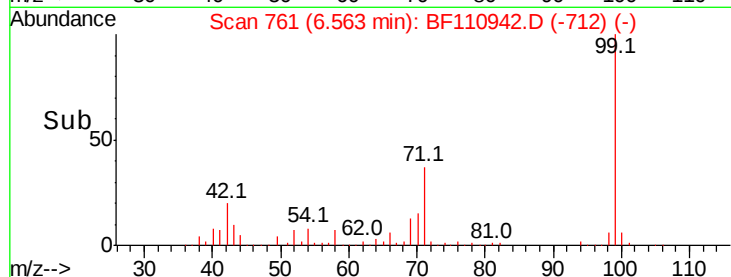
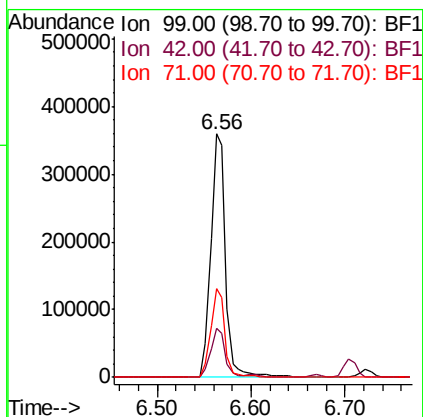
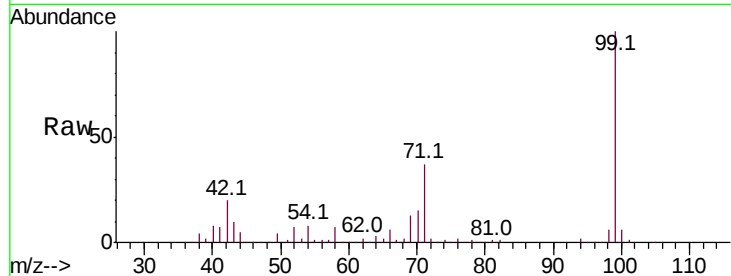
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
99	100	400794		
42	20.3	15.8	23.6	
71	36.6	28.0	42.0	

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#8

2-Chlorophenol

Concen: 40.561 ng

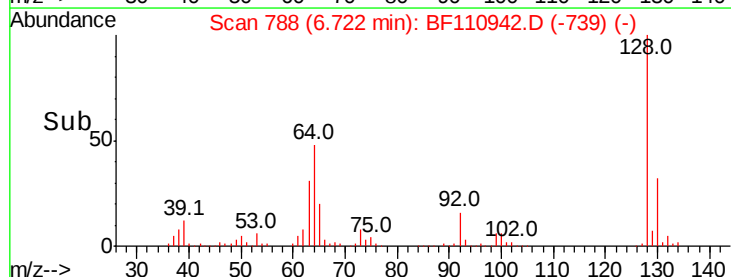
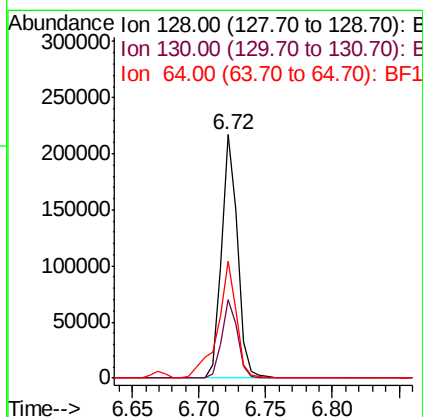
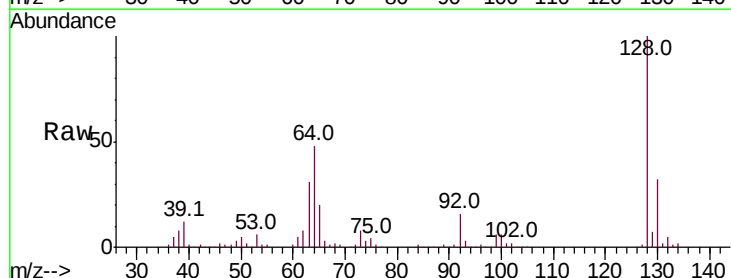
RT: 6.72 min Scan# 788

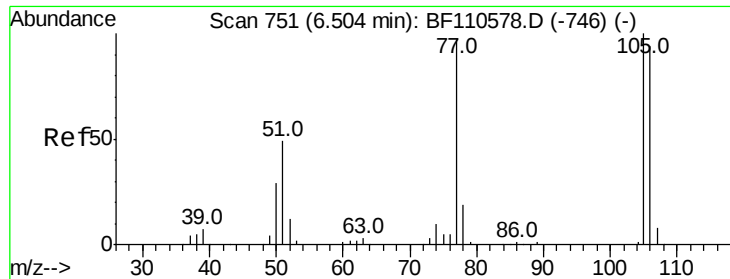
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	184900		
130	32.2	13.1	53.1	
64	47.8	26.0	66.0	





#9

Benzaldehyde

Concen: 38.155 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

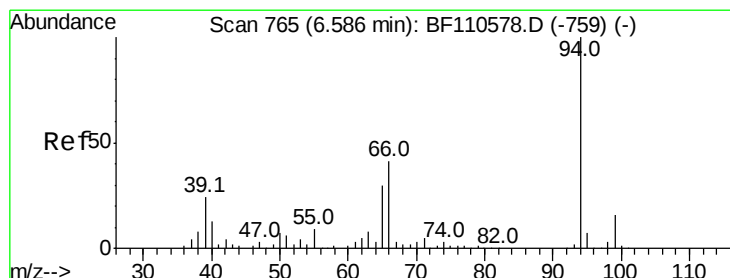
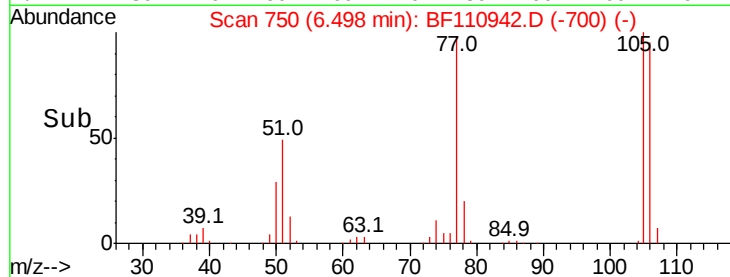
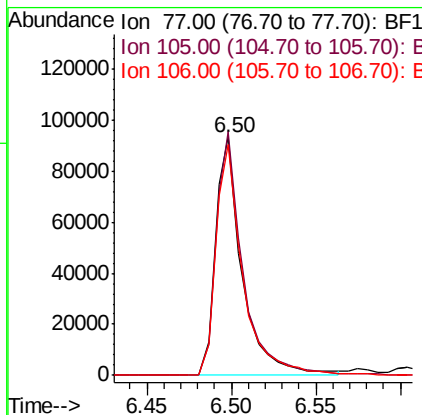
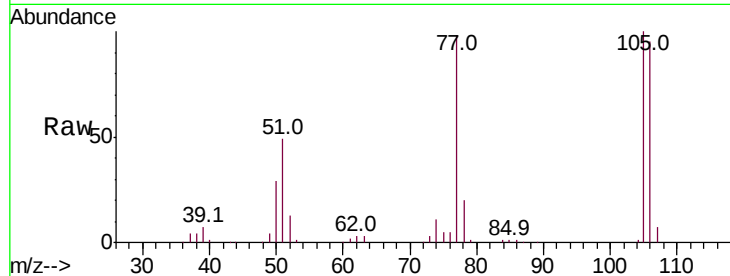
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	103148
Ion	Ratio	Lower	Upper
77	100		
105	102.3	78.6	118.6
106	97.1	74.8	114.8

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#10

Phenol

Concen: 39.448 ng

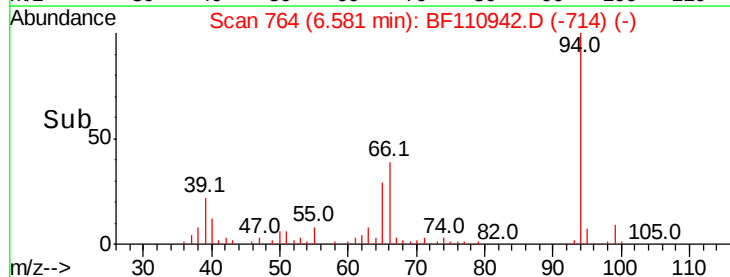
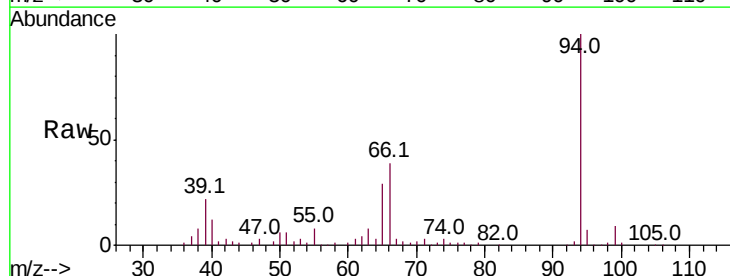
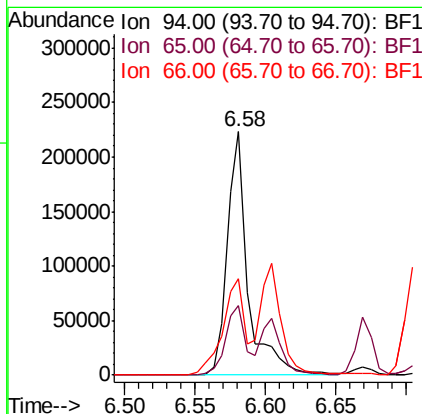
RT: 6.58 min Scan# 764

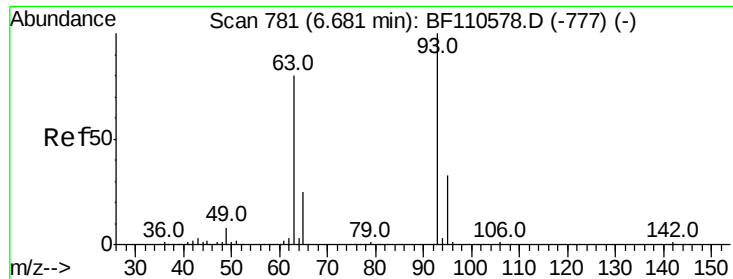
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	94	Resp:	227451
Ion	Ratio	Lower	Upper
94	100		
65	28.8	25.3	65.3
66	39.4	54.5	94.5#





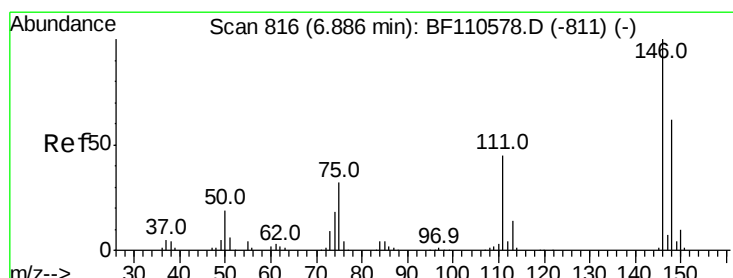
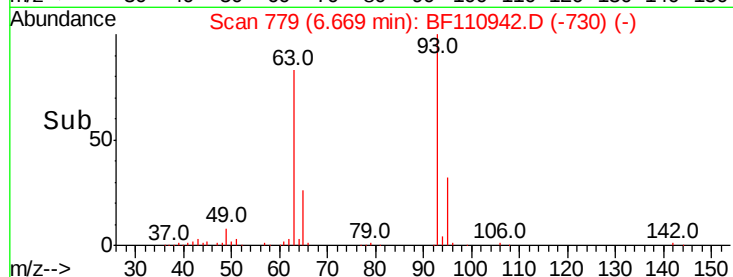
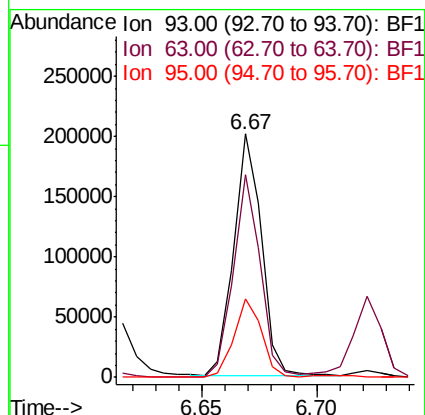
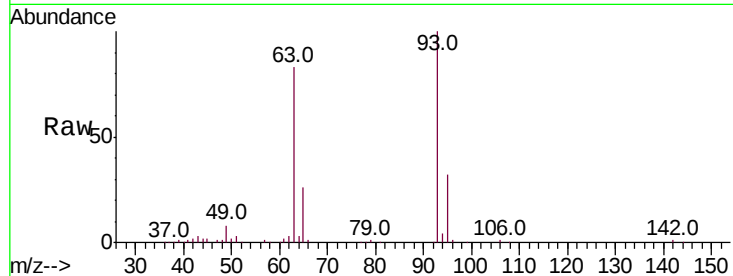
#11
bis(2-Chloroethyl)ether
Concen: 38.859 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	53.4	93.4
95	32.0	12.1	52.1

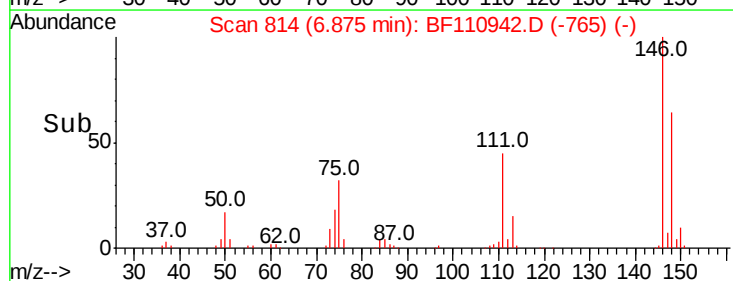
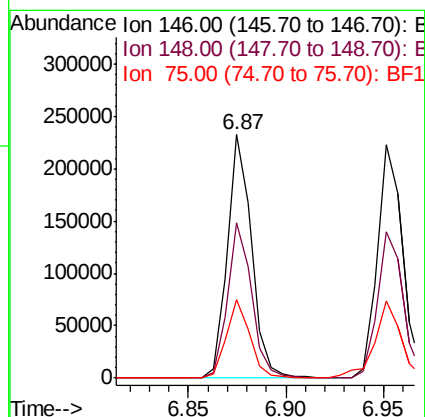
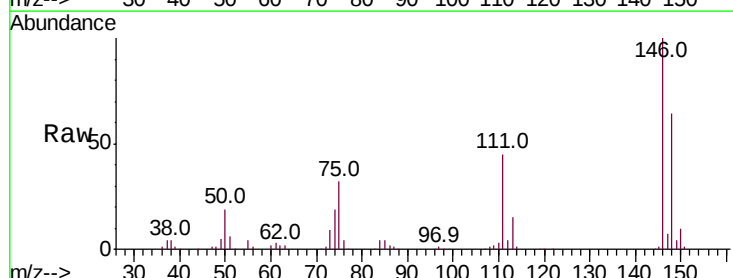
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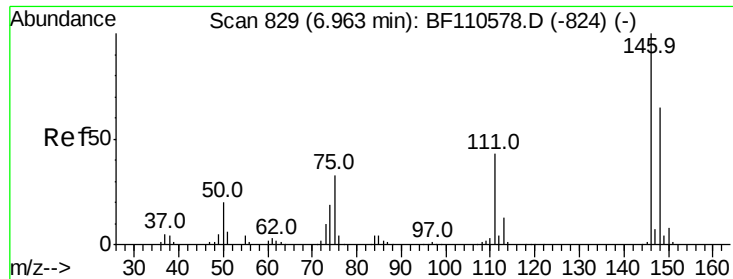
MOHAMMAD
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#12
1,3-Dichlorobenzene
Concen: 40.252 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	32.1	25.8	38.6





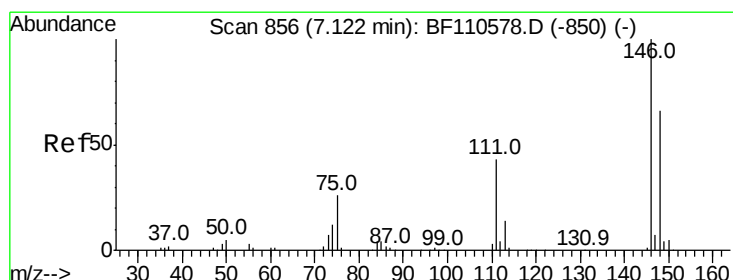
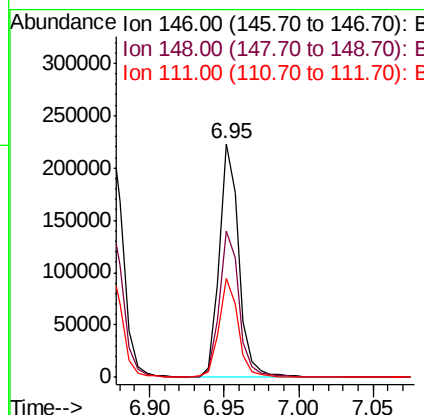
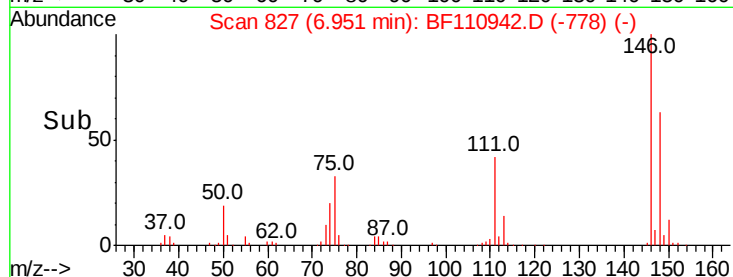
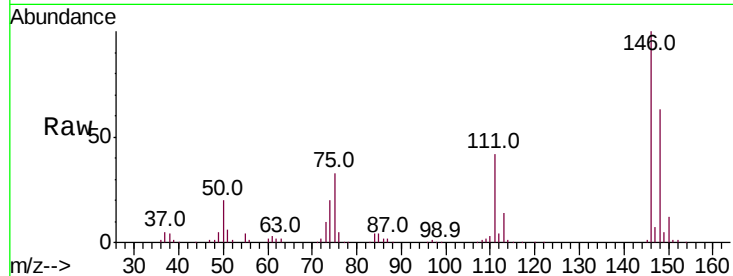
#13
 1,4-Dichlorobenzene
 Concen: 40.710 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
111	42.5	32.7	49.1

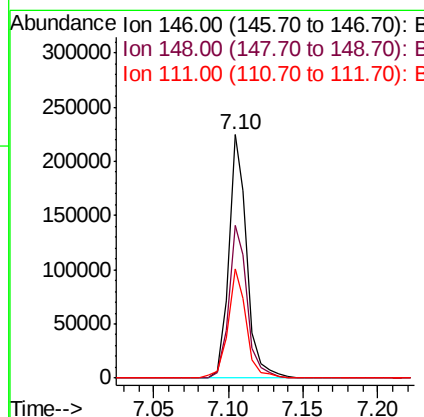
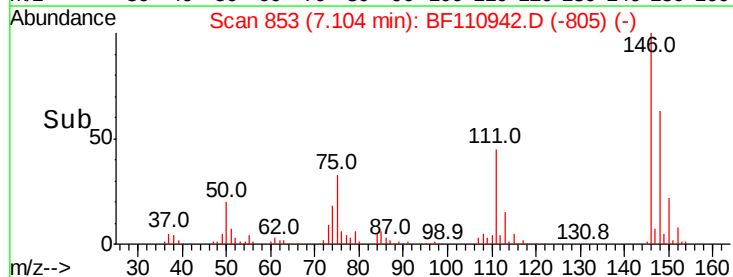
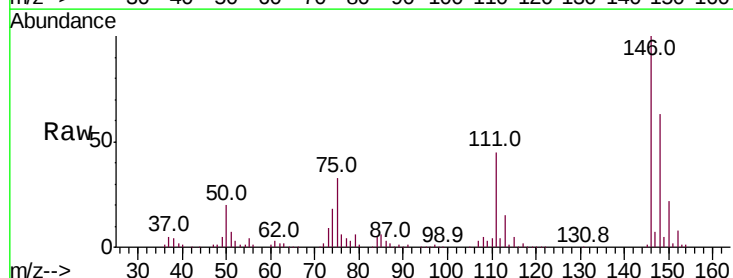
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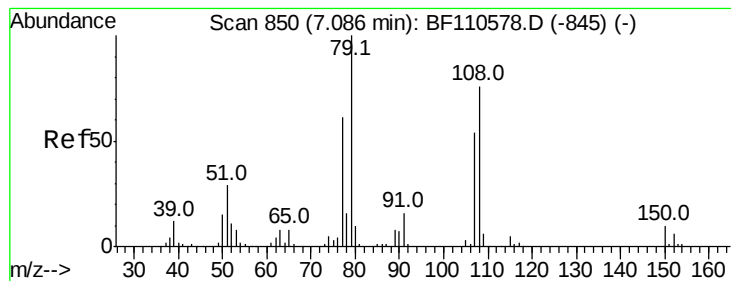
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#14
 1,2-Dichlorobenzene
 Concen: 40.880 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	44.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.908 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 155298

Ion Ratio Lower Upper

79 100

108 76.3 56.3 84.5

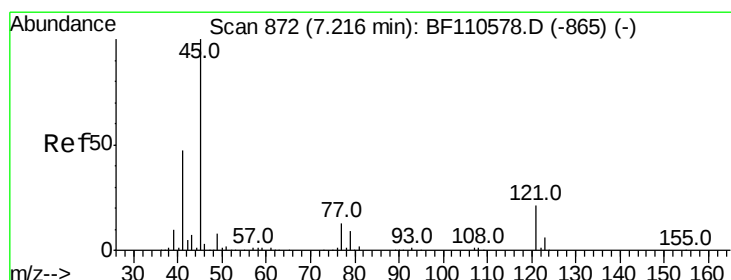
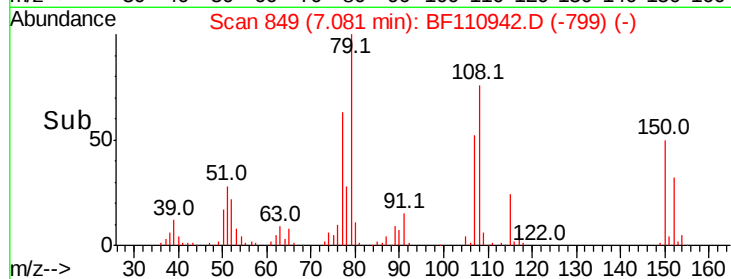
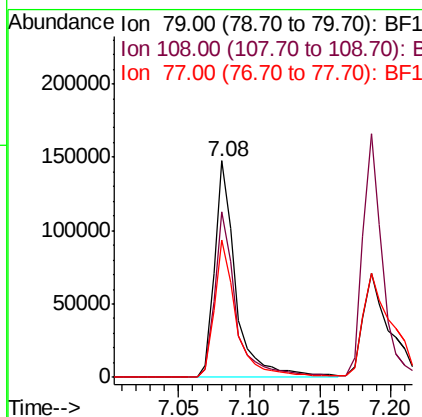
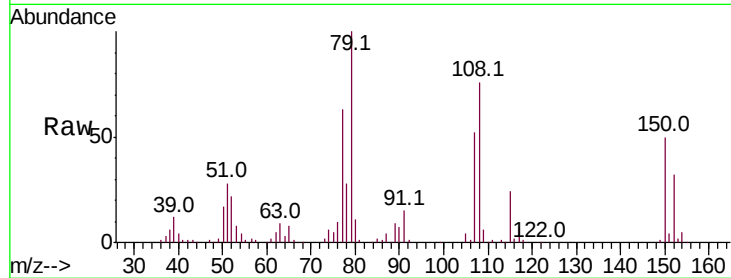
77 63.5 52.9 79.3

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.886 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

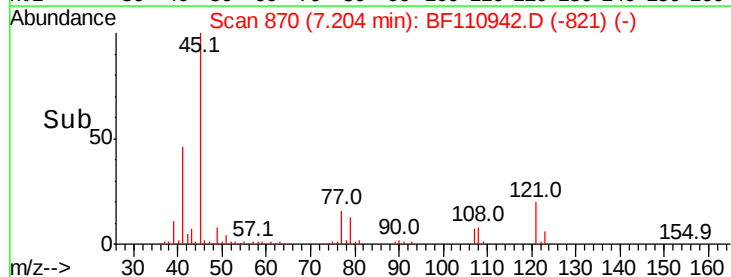
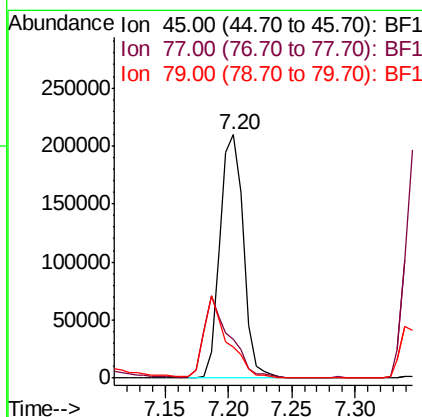
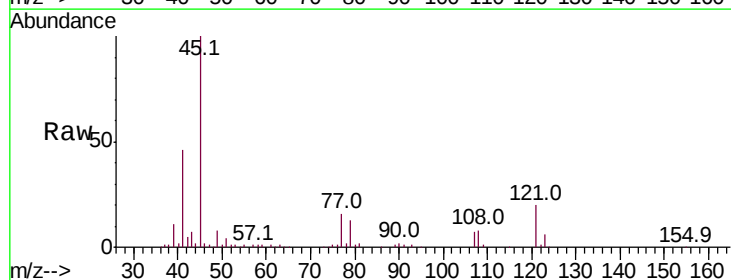
Tgt Ion: 45 Resp: 270666

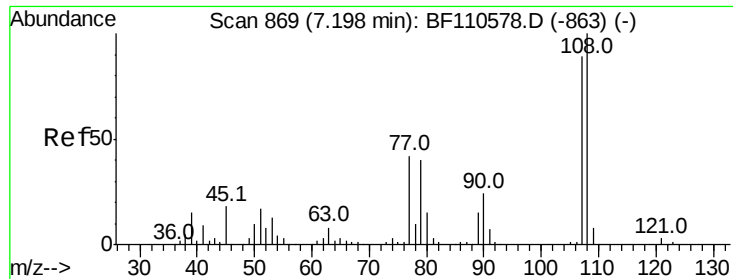
Ion Ratio Lower Upper

45 100

77 15.7 10.0 50.0

79 12.9 6.1 46.1





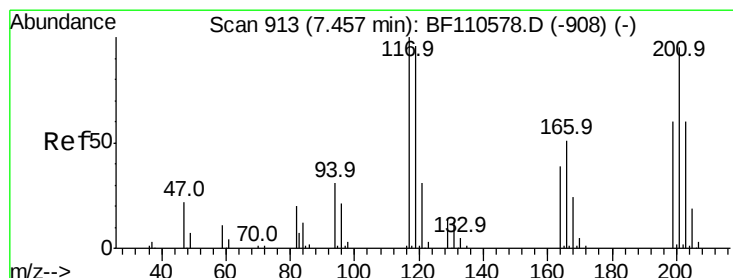
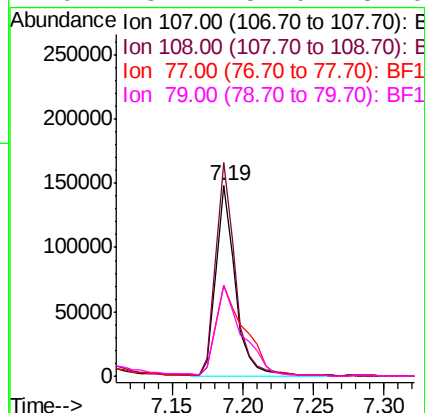
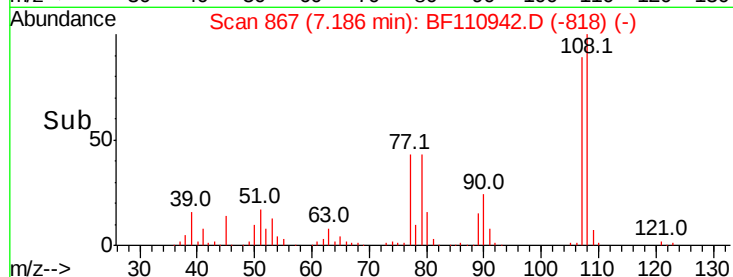
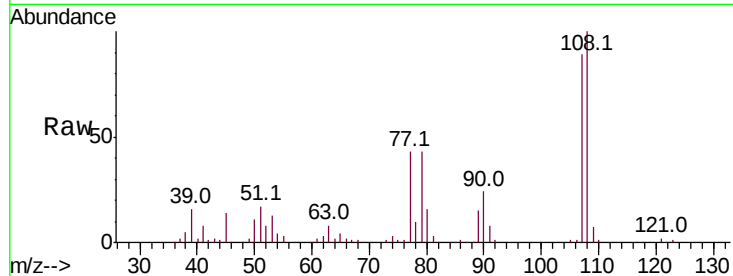
#17
2-Methylphenol
Concen: 39.330 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.6	138.8
77	48.1	59.4	89.2#
79	48.1	54.0	81.0#

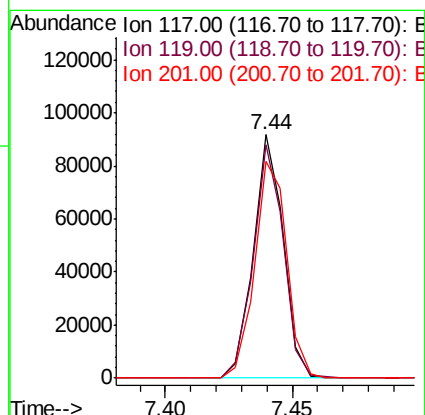
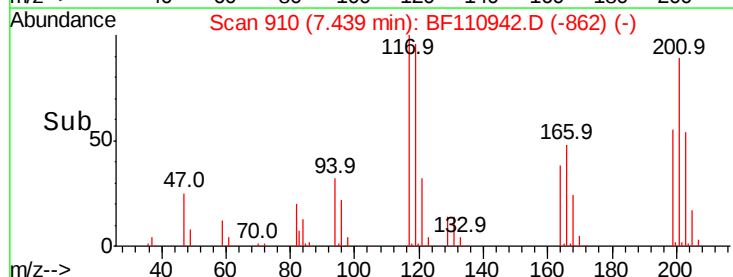
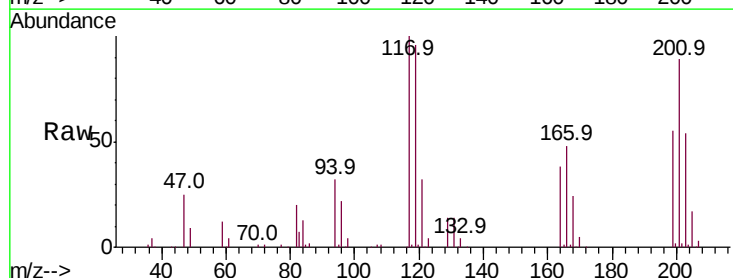
Manual Integrations
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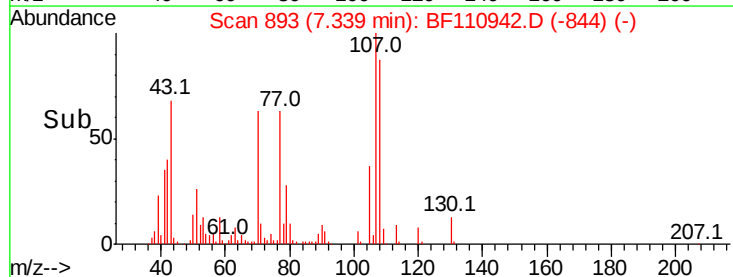
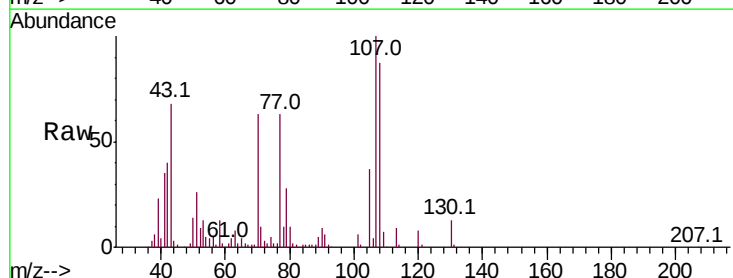
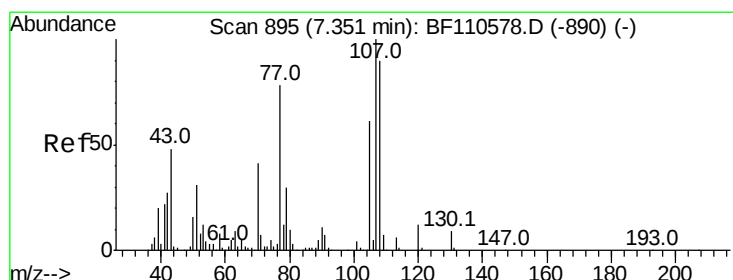
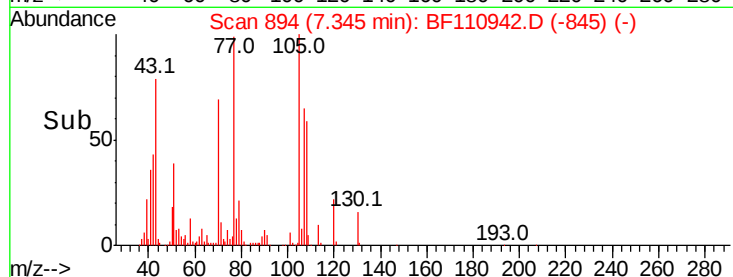
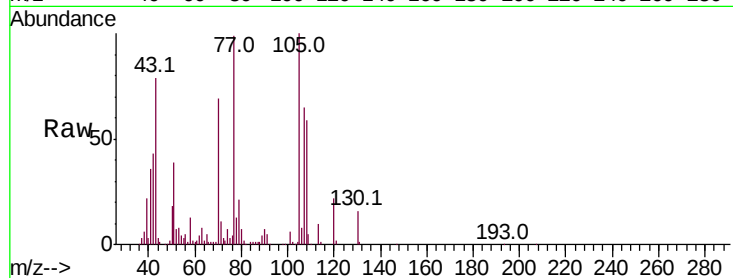
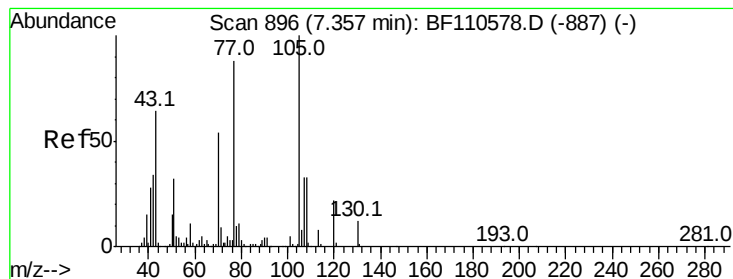
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#18
Hexachloroethane
Concen: 40.089 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.0	112.6
201	88.9	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.498 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 128546

Ion Ratio Lower Upper

70 100

42 61.7 47.4 71.2

101 9.4 7.3 10.9

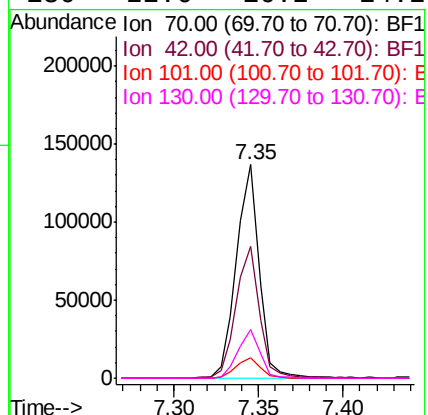
130 22.6 16.2 24.2

Manual Integrations

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11/26/2018 3:11:54 PM



#20

3+4-Methylphenols

Concen: 40.123 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:107 Resp: 186861

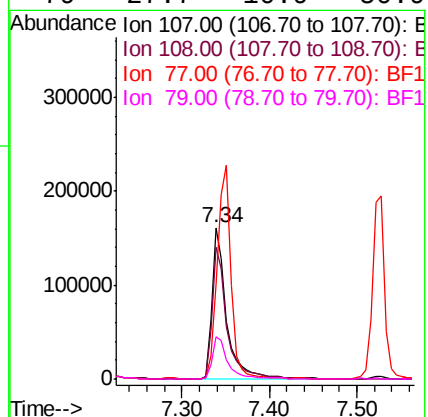
Ion Ratio Lower Upper

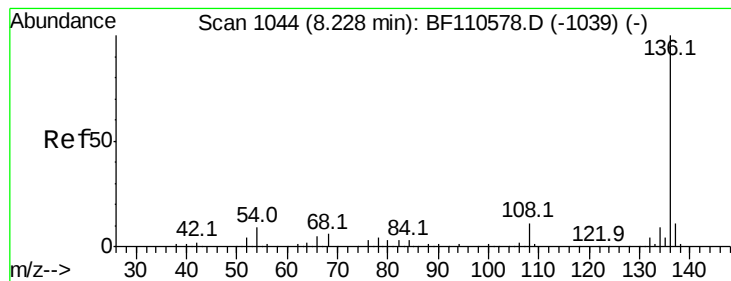
107 100

108 87.3 71.4 111.4

77 63.0 47.3 87.3

79 27.7 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: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

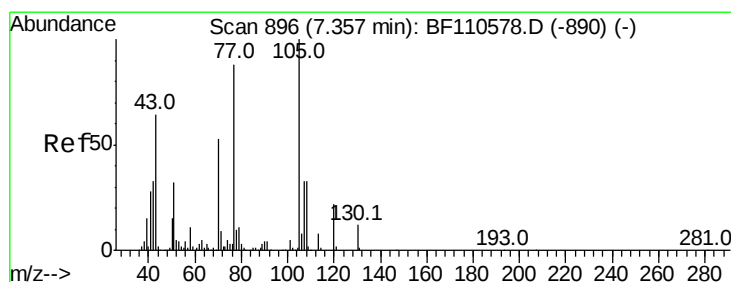
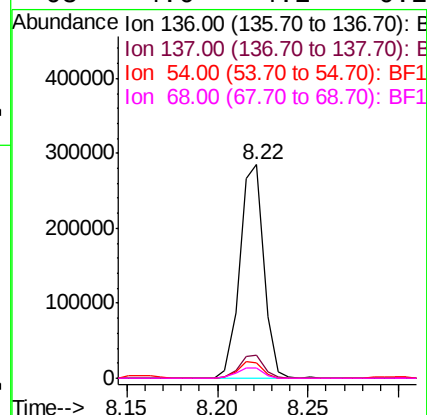
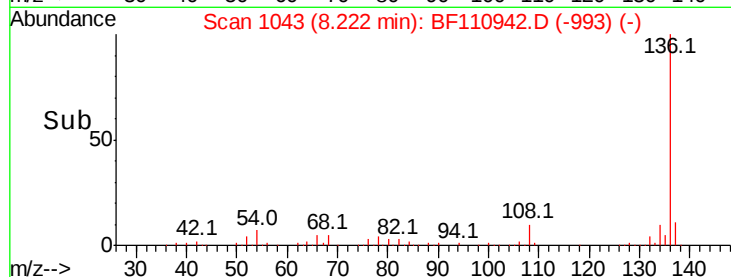
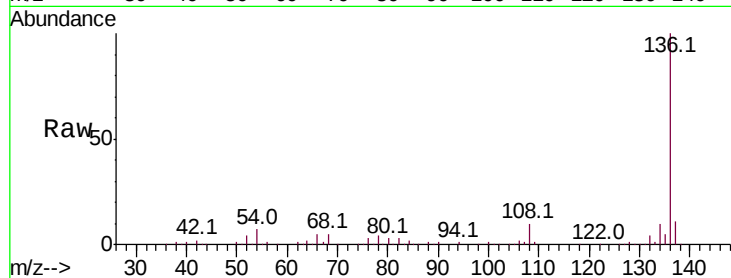
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.4	8.2
68	4.6	4.2	6.2

Manual Integrations
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#22

Acetophenone

Concen: 41.364 ng

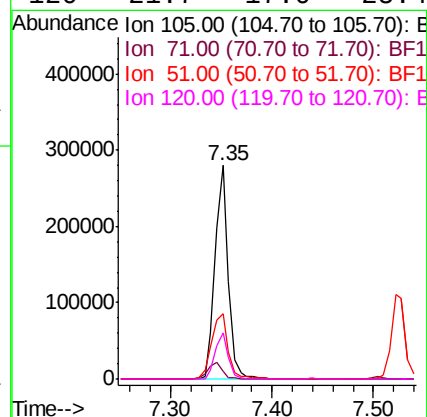
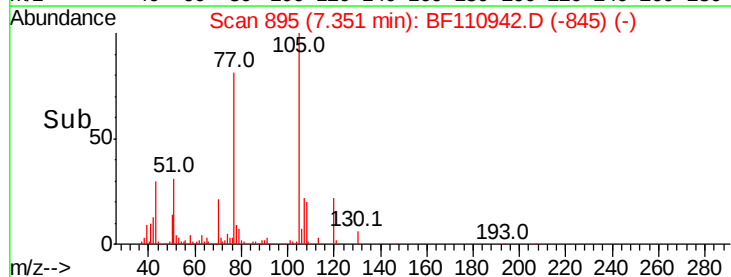
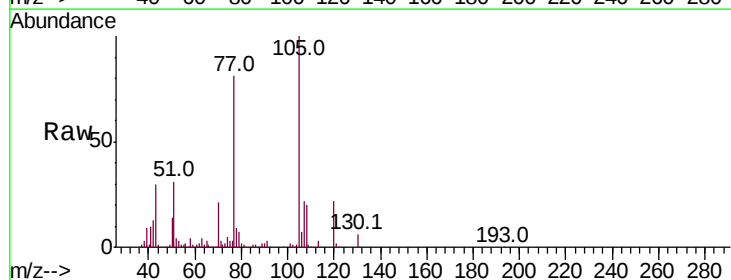
RT: 7.35 min Scan# 895

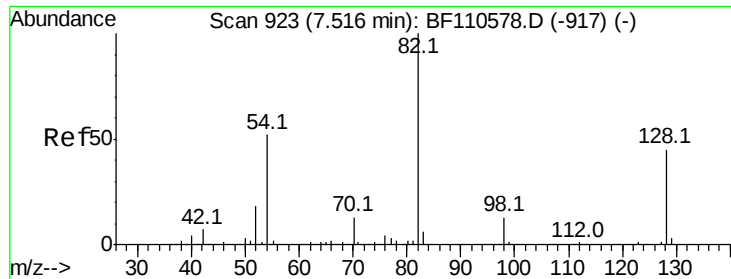
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.5	5.2	7.8#
51	30.6	21.8	32.8
120	21.7	17.0	25.4





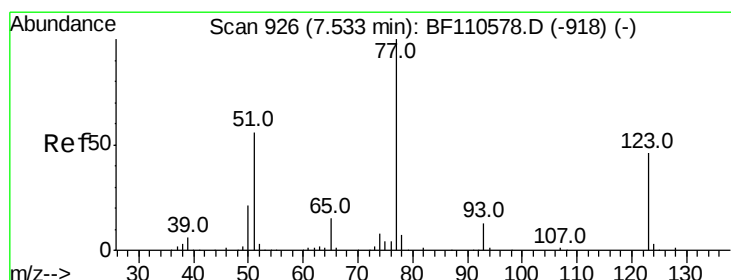
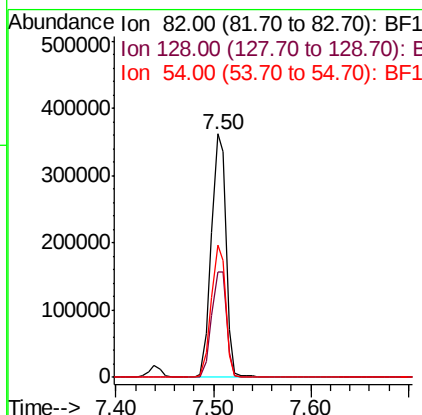
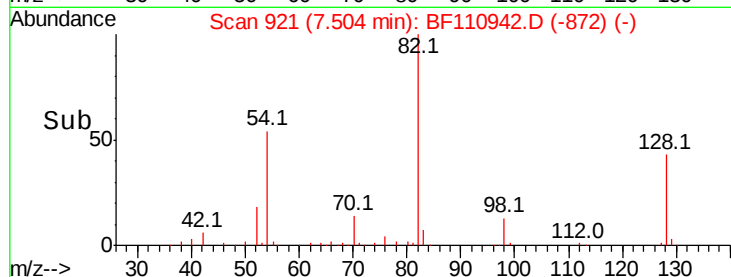
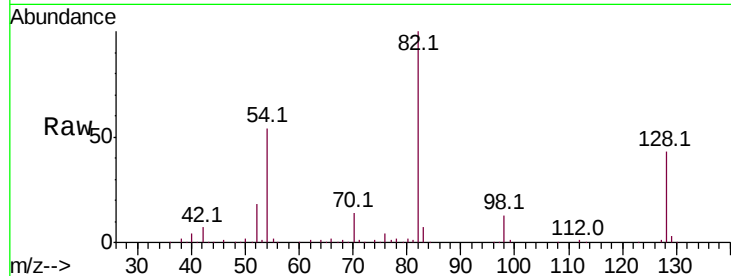
#23
Nitrobenzene-d5
Concen: 83.269 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	54.3	38.6	58.0

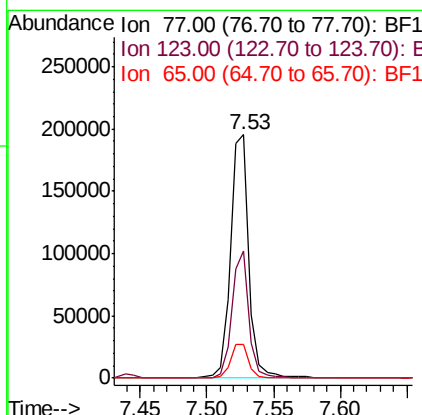
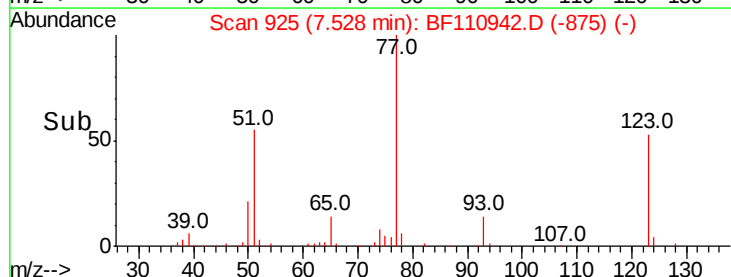
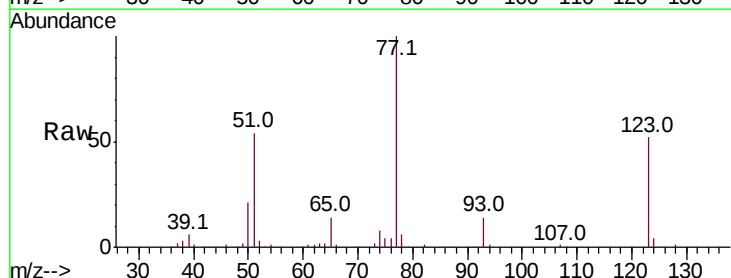
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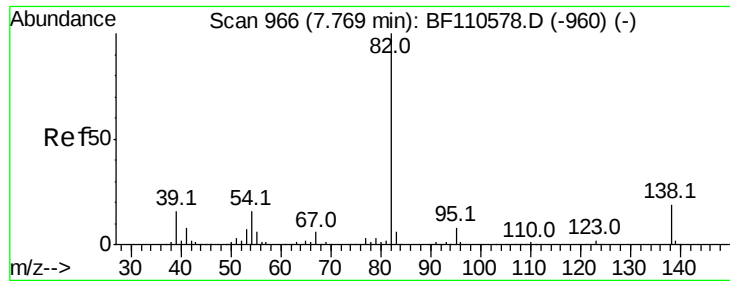
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#24
Nitrobenzene
Concen: 40.113 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	35.7	53.5
65	14.0	10.7	16.1





#25

Isophorone

Concen: 40.555 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

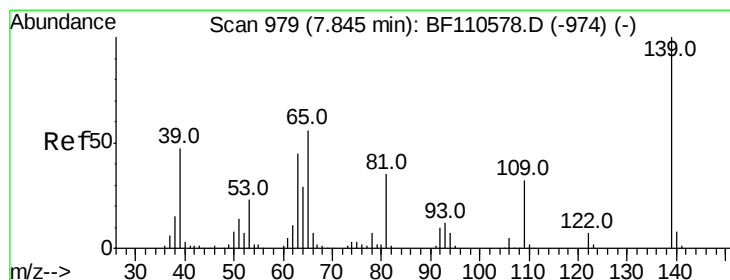
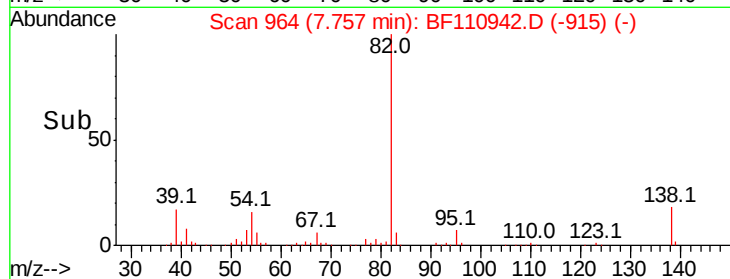
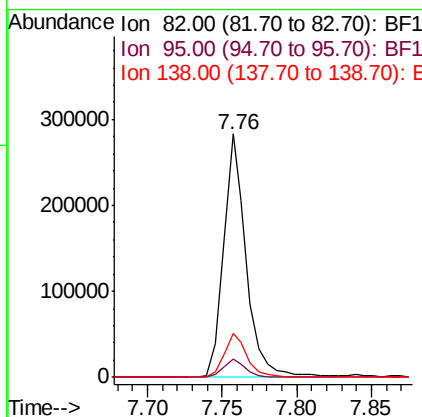
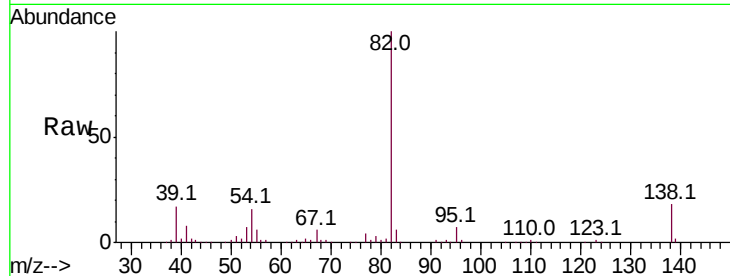
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	302805
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	18.1	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.776 ng

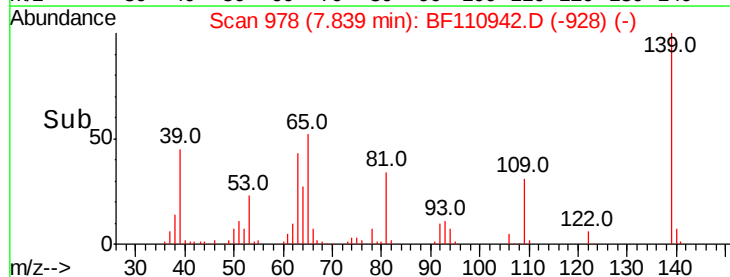
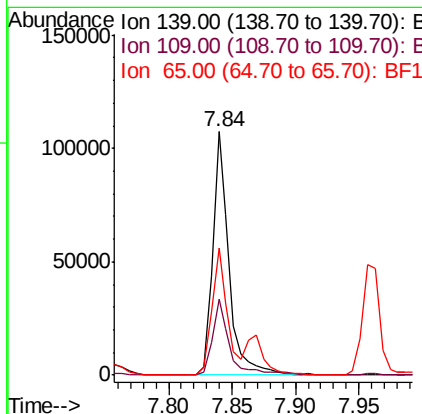
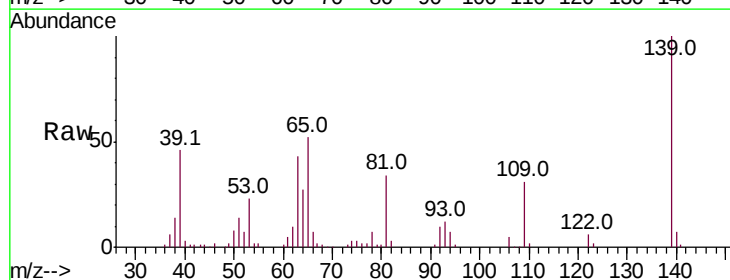
RT: 7.84 min Scan# 978

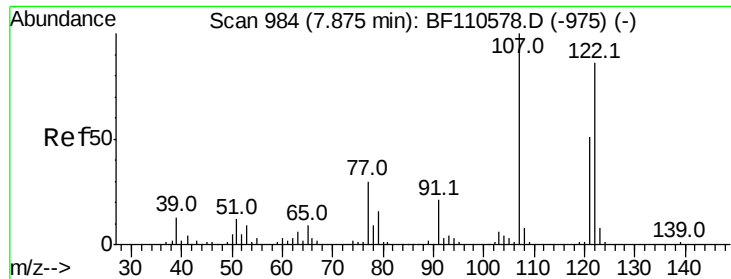
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	139	Resp:	97274
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.0	37.6
65	52.2	44.0	66.0





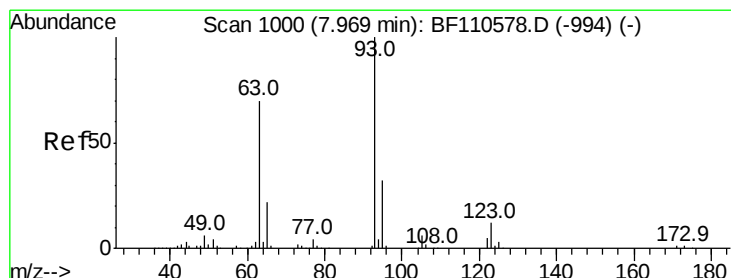
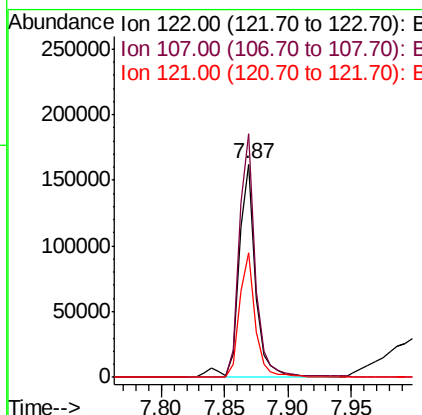
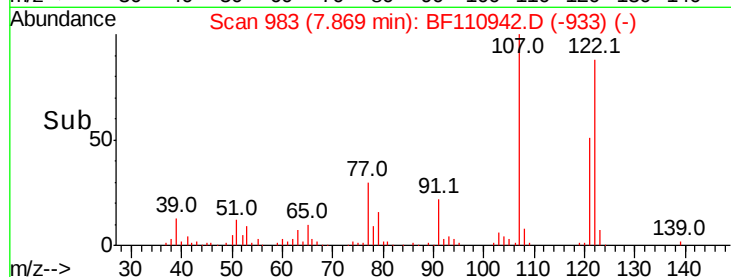
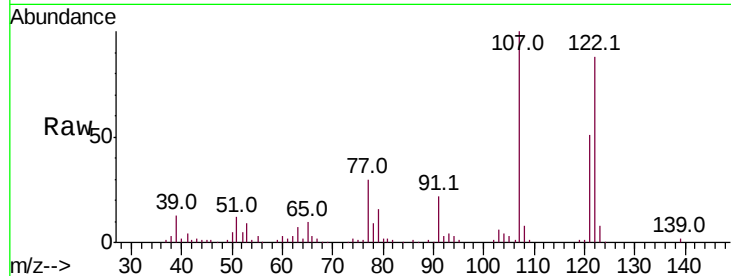
#27
2,4-Dimethylphenol
Concen: 40.845 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	92.5	138.7
121	58.5	45.8	68.8

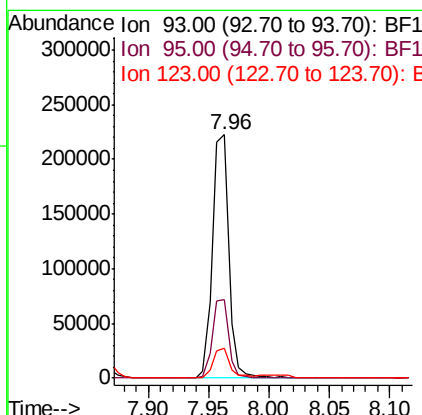
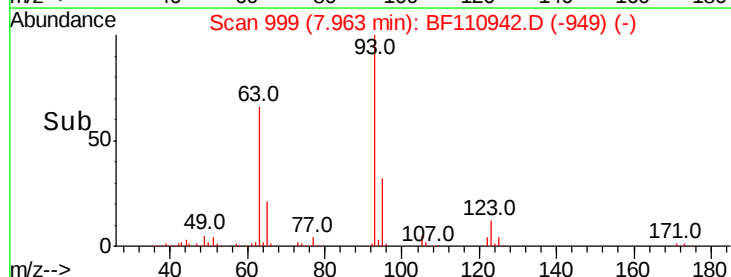
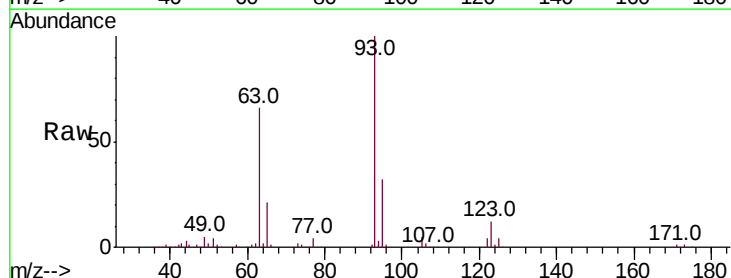
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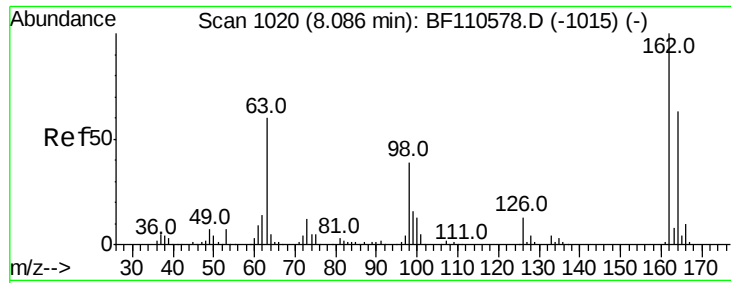
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11/26/2018 3:11:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.986 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	12.3	9.0	13.6





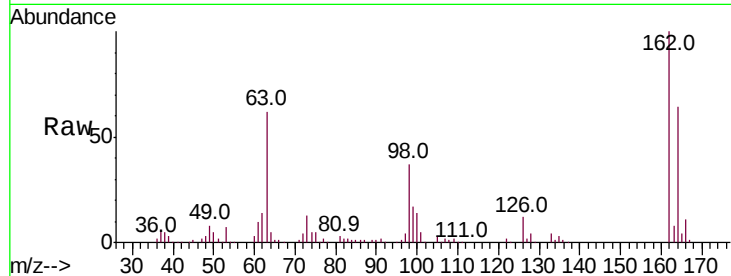
#29
2,4-Dichlorophenol
Concen: 41.798 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

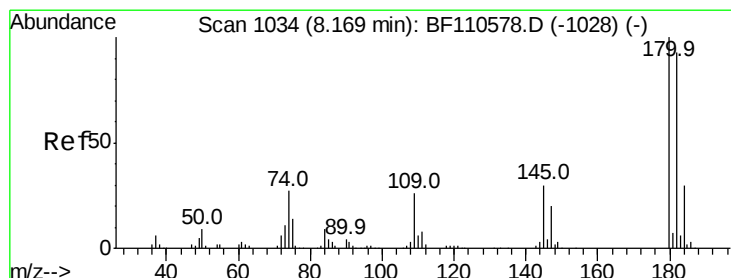
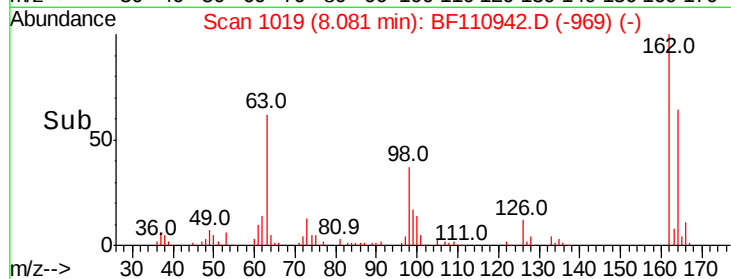
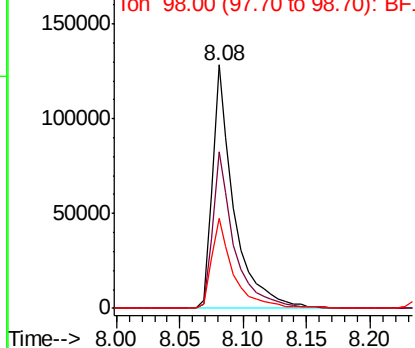
Tot Ion	Ratio	Resp	Lower	Upper
162	100	152516		
164	64.3		44.6	84.6
98	37.2		17.4	57.4

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11/26/2018 3:11:54 PM

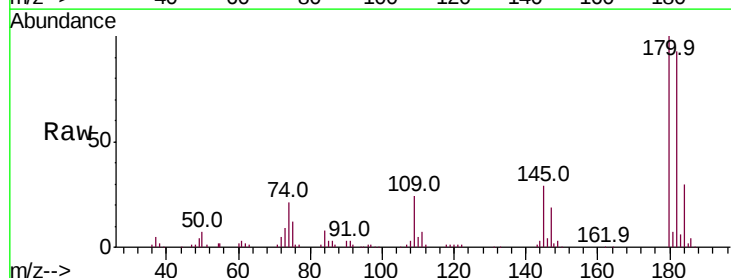


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

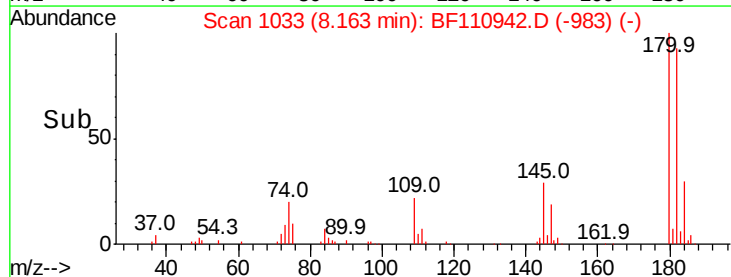
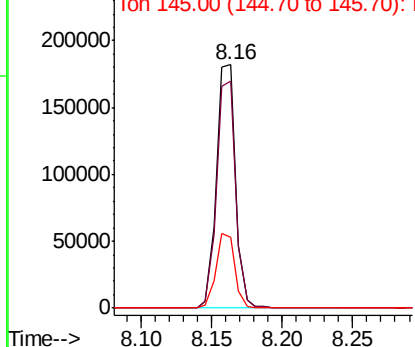


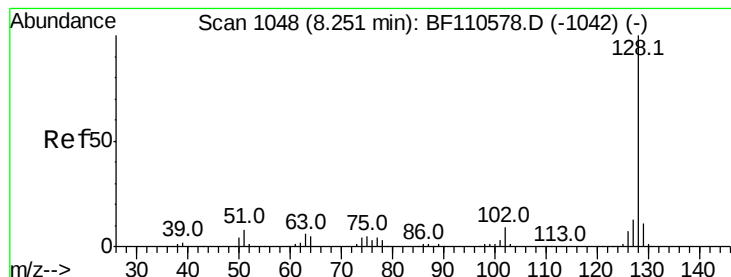
#30
1,2,4-Trichlorobenzene
Concen: 41.743 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	171733		
182	93.4		80.3	120.5
145	29.2		25.4	38.0



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





#31

Naphthalene

Concen: 40.559 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

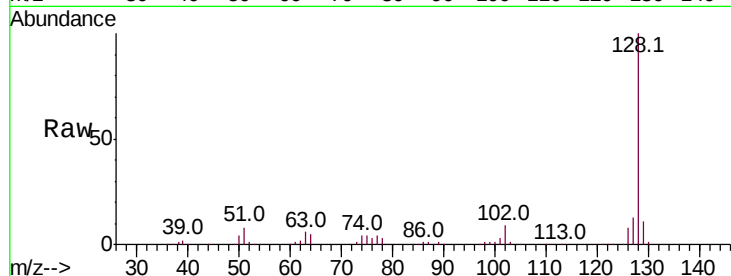
ClientSampleId :

SSTDCCC040

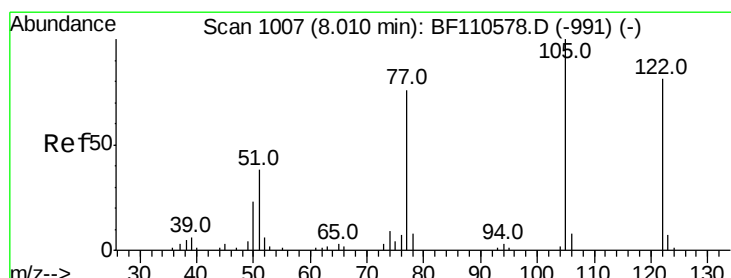
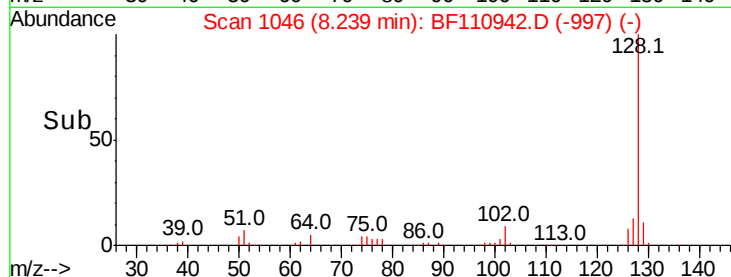
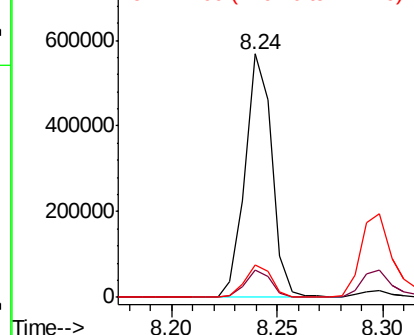
Tot Ion	Ratio	Resp	Lower	Upper
128	100	499520		
129	11.4		8.8	13.2
127	13.2		10.8	16.2

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11/26/2018 3:11:54 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.242 ng m

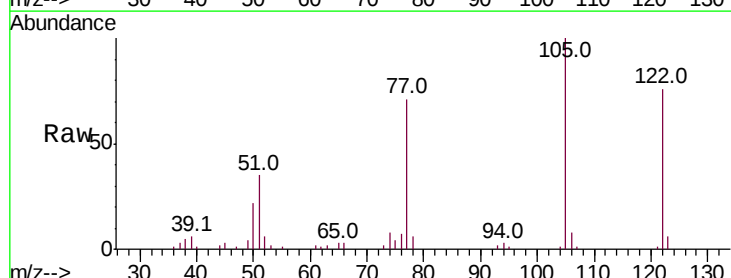
RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

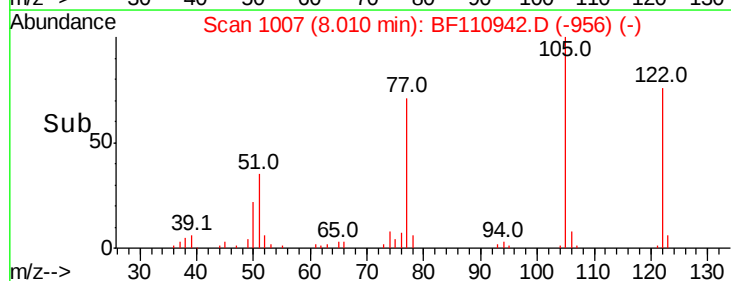
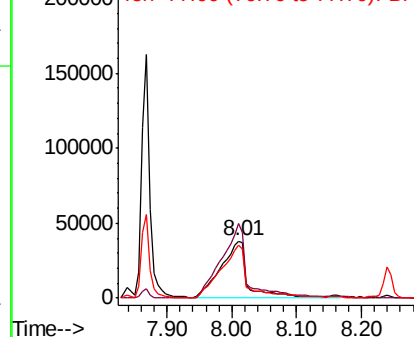
Lab File: BF110942.D

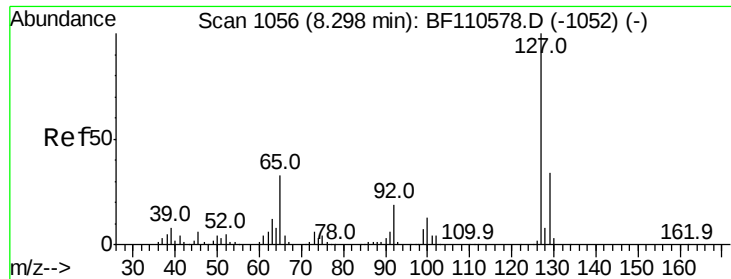
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111005		
105	130.9		109.0	149.0
77	93.0		79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





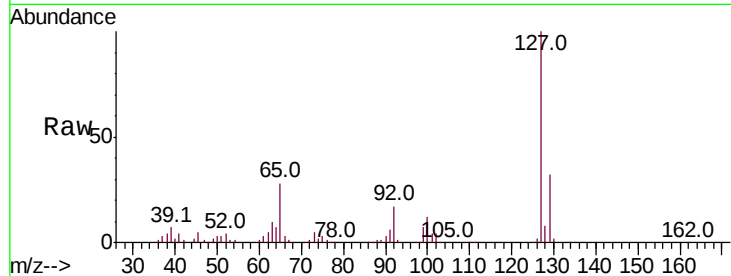
#33
4-Chloroaniline
Concen: 39.262 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	27.8	25.1	37.7
92	17.4	15.0	22.6

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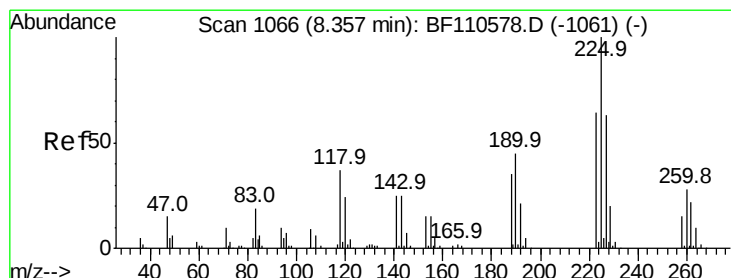
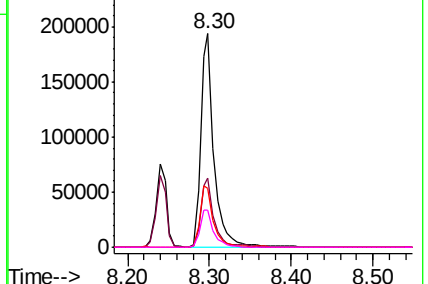
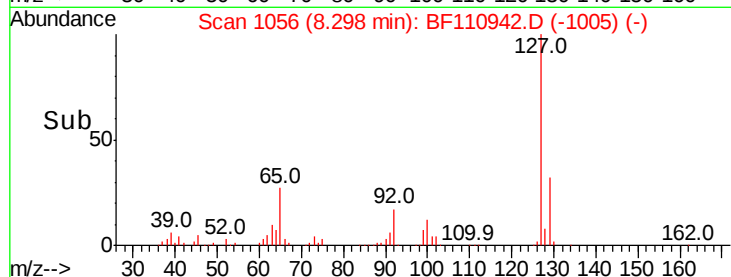
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

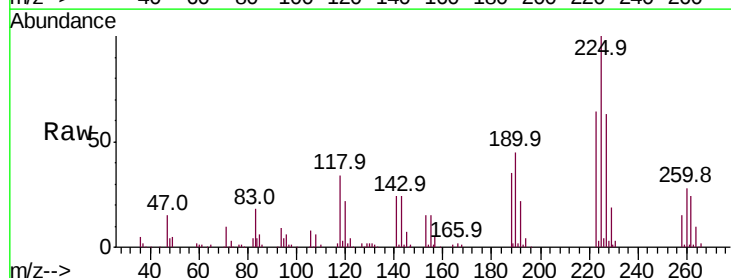
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.006 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	63.0	51.0	76.6

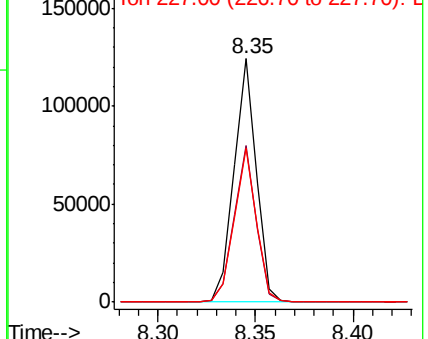
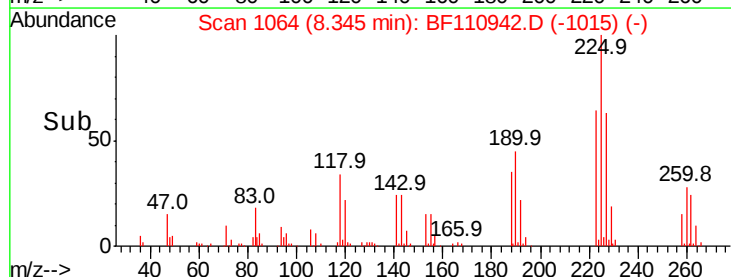


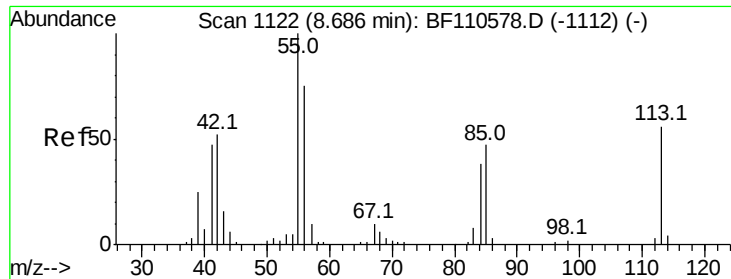
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





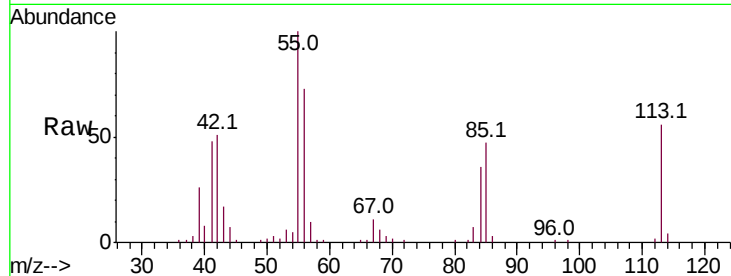
#35
 Caprolactam
 Concen: 42.235 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

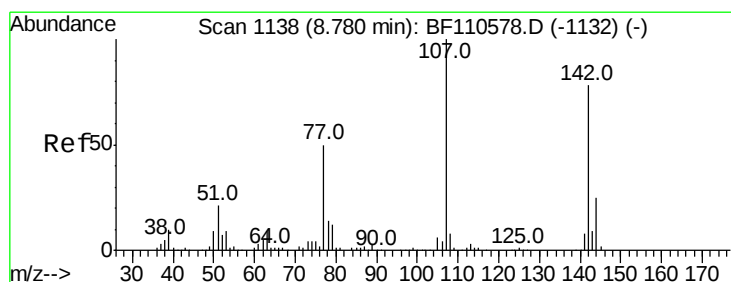
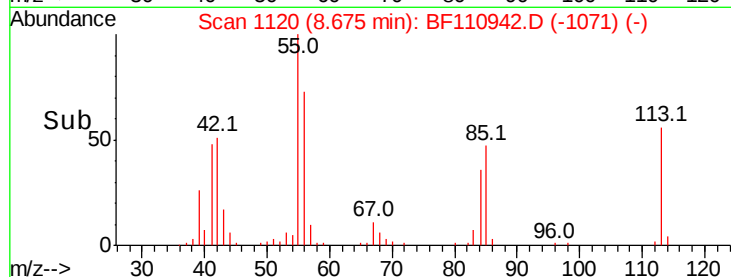
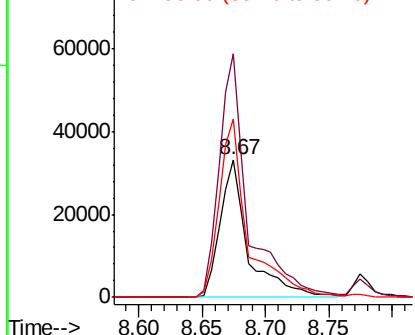
Tot Ion:113 Resp: 51487
 Ion Ratio Lower Upper
 113 100
 55 177.0 142.8 182.8
 56 129.5 105.0 145.0

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 11/26/2018 3:11:54 PM

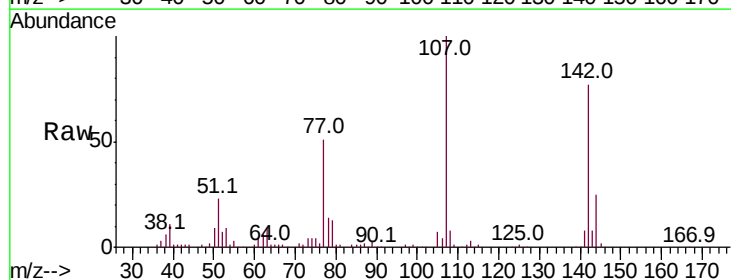


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

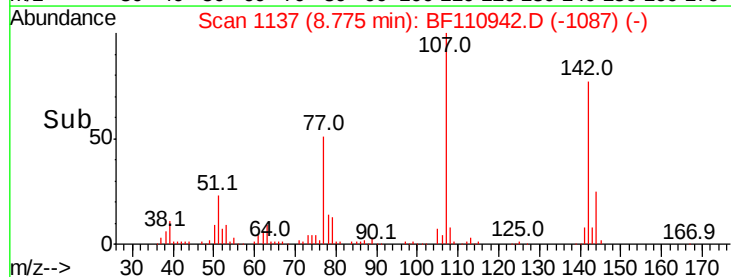
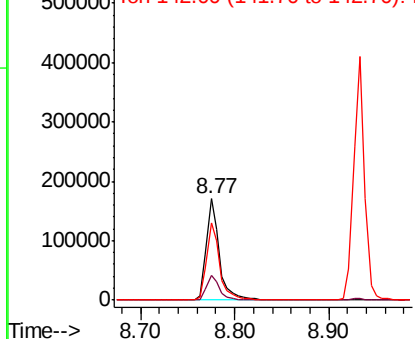


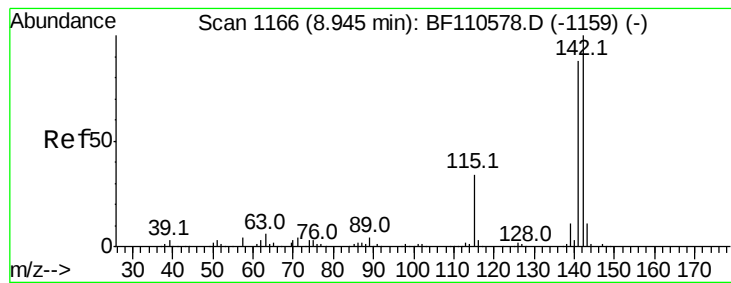
#36
 4-Chloro-3-methylphenol
 Concen: 41.818 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Tgt Ion:107 Resp: 164564
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 77.1 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





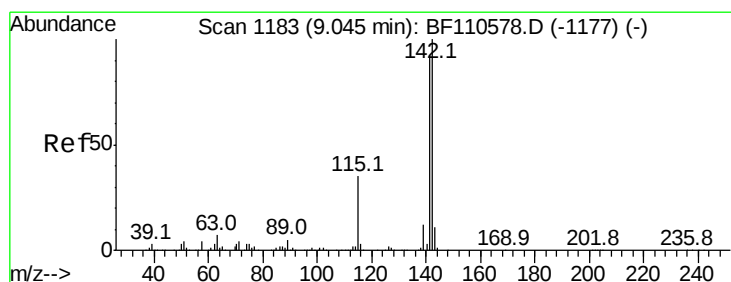
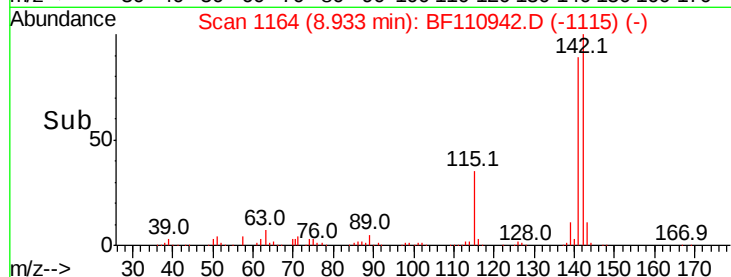
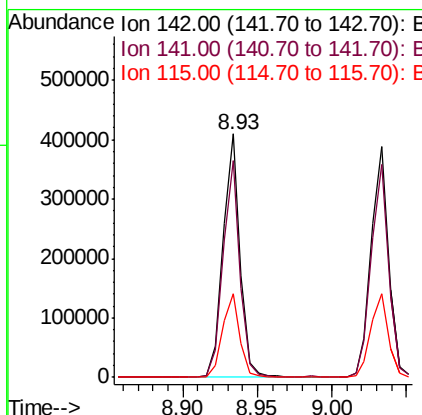
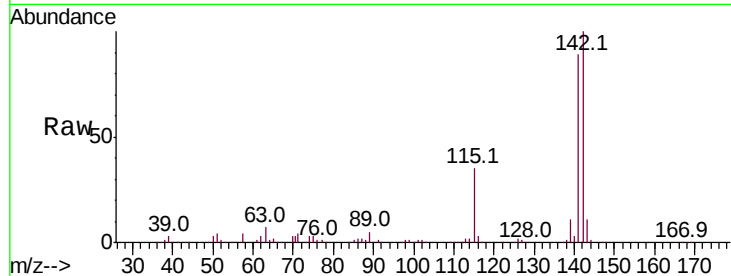
#37
2-Methylnaphthalene
Concen: 41.031 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	34.6	28.7	43.1

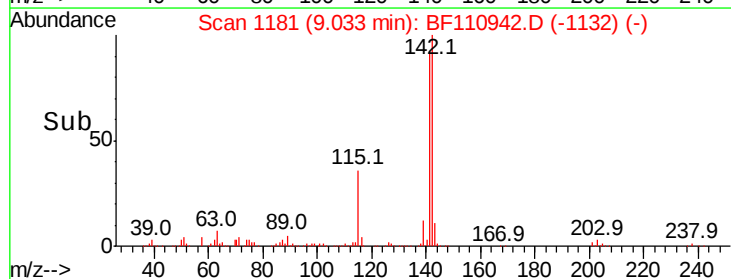
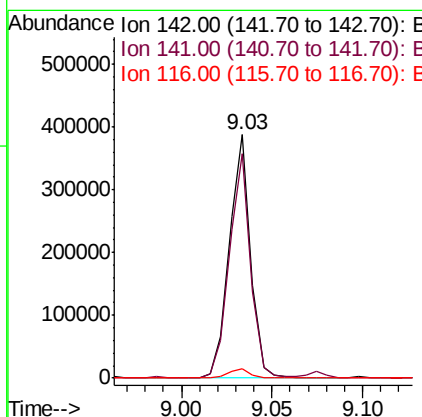
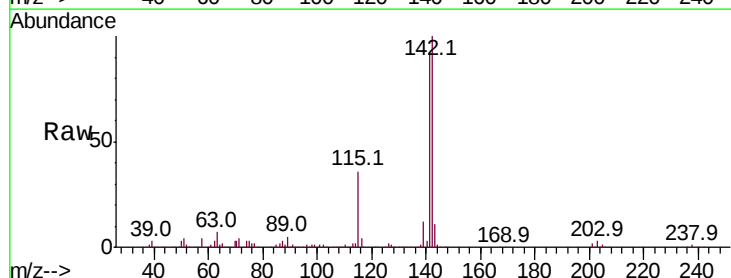
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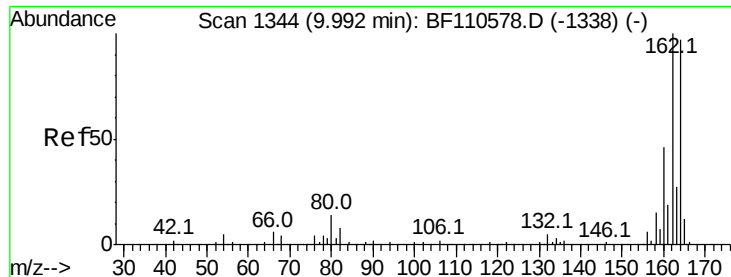
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11/26/2018 3:11:54 PM



#38
1-Methylnaphthalene
Concen: 40.487 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.8	2.6	4.0





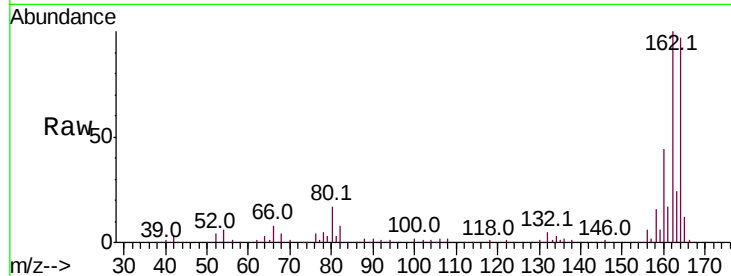
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	46.0	37.0	55.6

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11/26/2018 3:11:54 PM

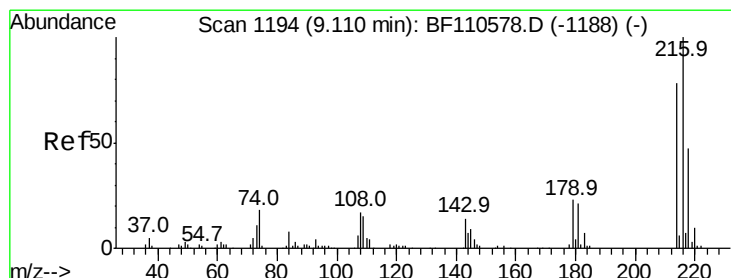
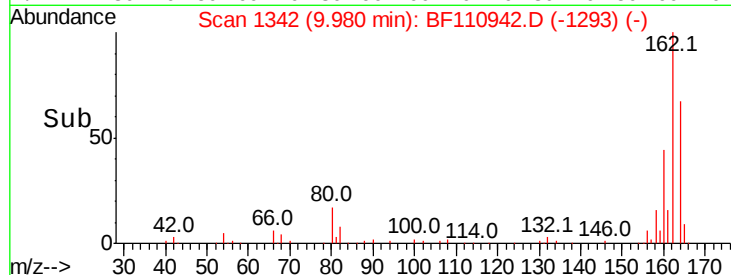
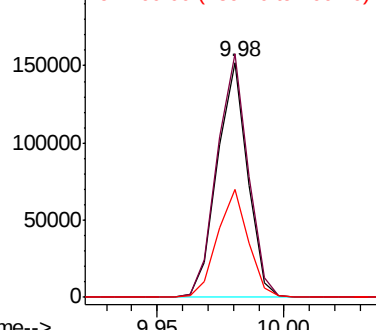


Abundance

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: 41.281 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	23.1	16.6	25.0
108	18.9	15.1	22.7

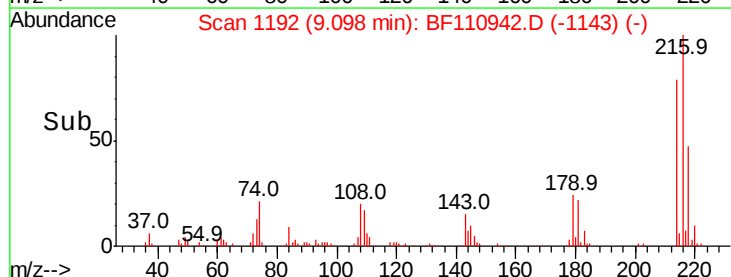
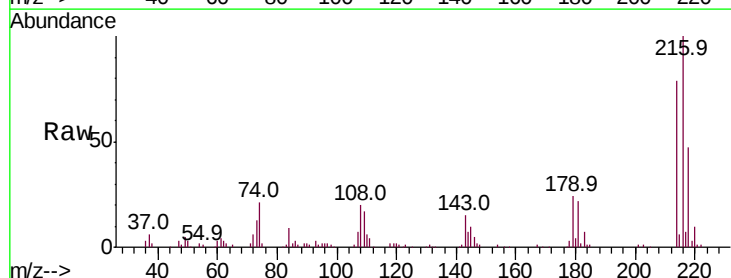
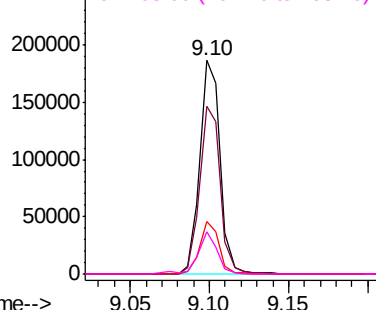
Abundance

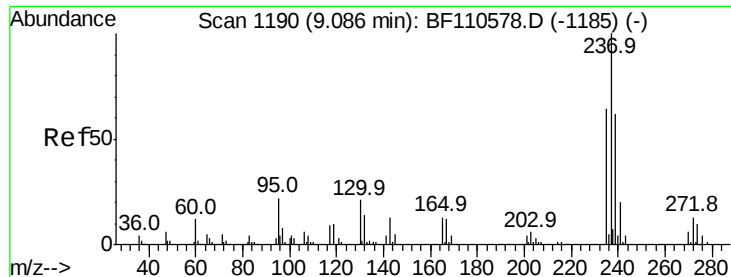
Ion 216.00 (215.70 to 216.70): E

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: 33.808 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

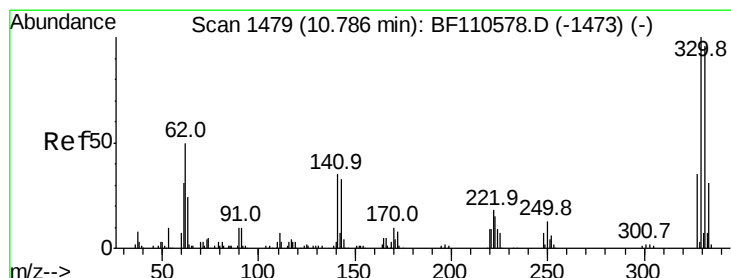
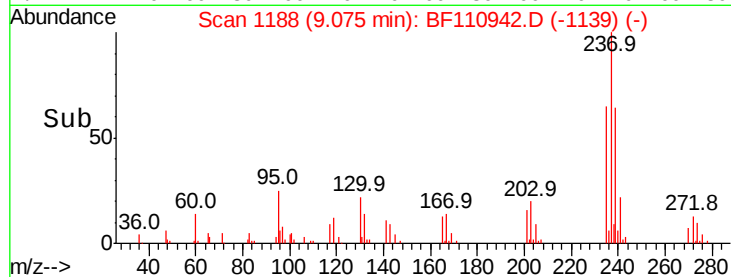
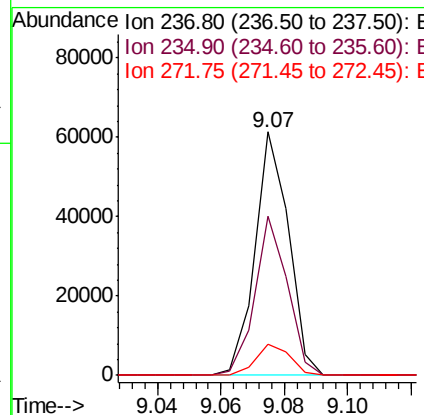
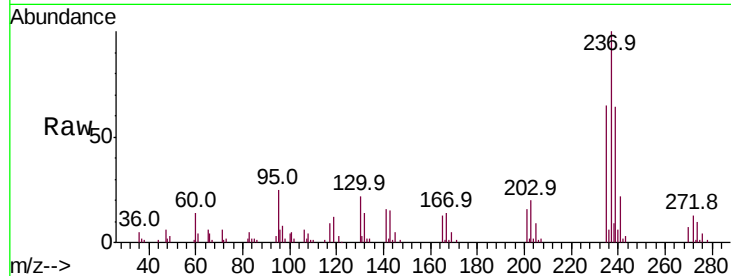
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	45165
Ion Ratio	Lower	Upper	
237	100		
235	65.4	43.1	83.1
272	12.7	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 83.827 ng

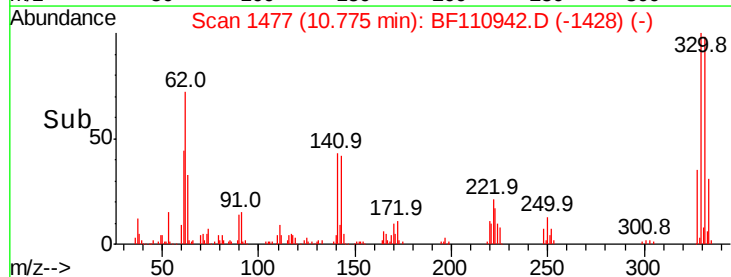
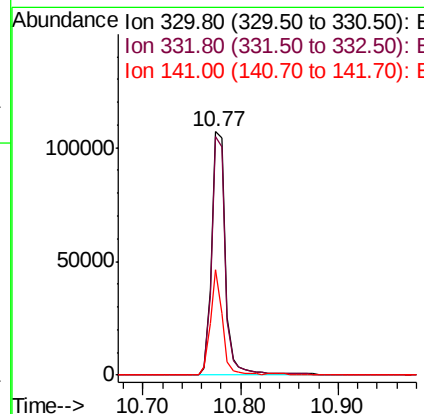
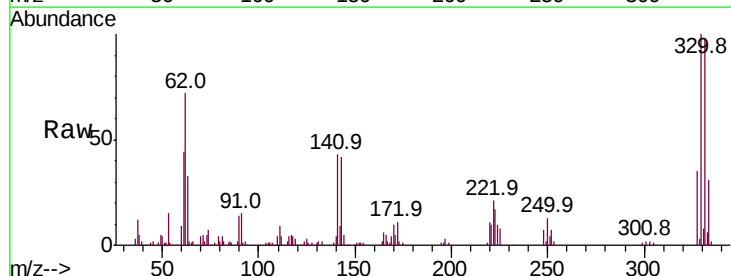
RT: 10.77 min Scan# 1477

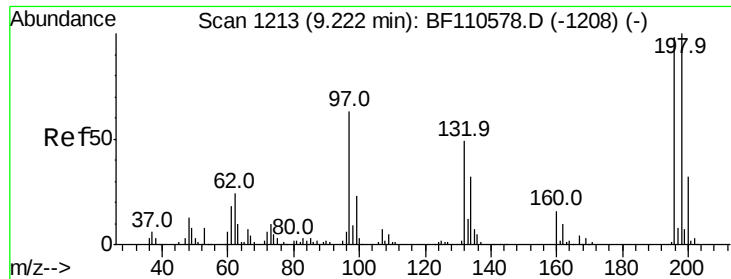
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	330	Resp:	106819
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	36.5	27.0	40.4





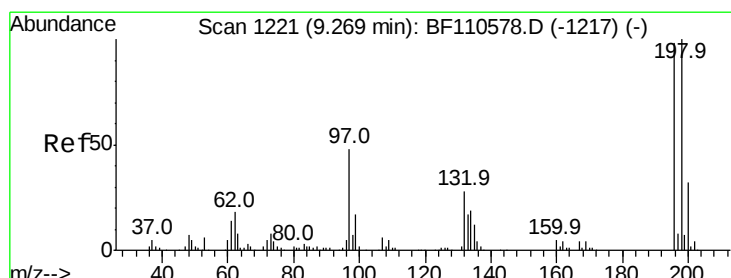
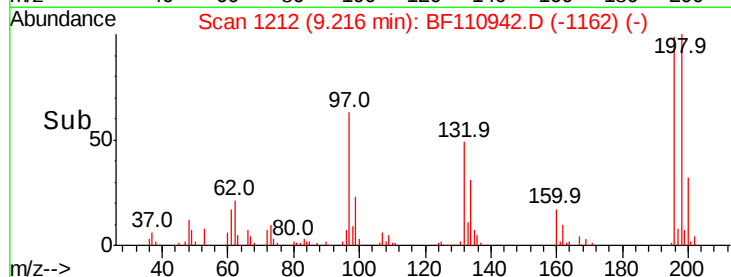
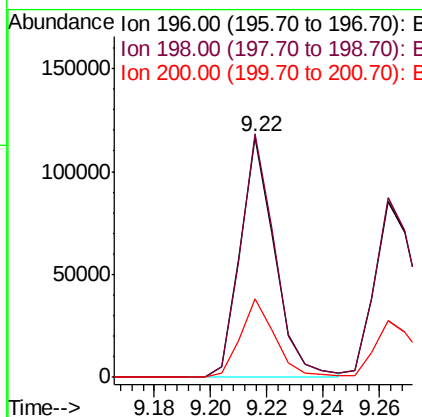
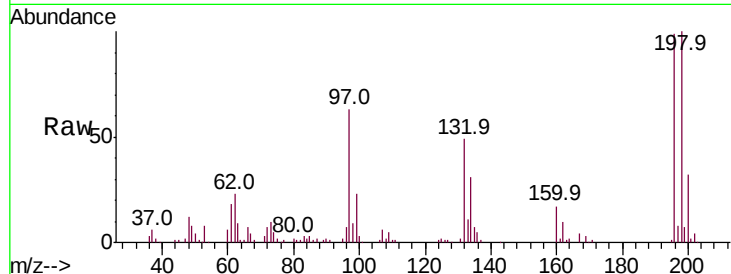
#43
 2,4,6-Trichlorophenol
 Concen: 39.495 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99351		
198	101.4	76.2	114.4	
200	32.6	24.4	36.6	

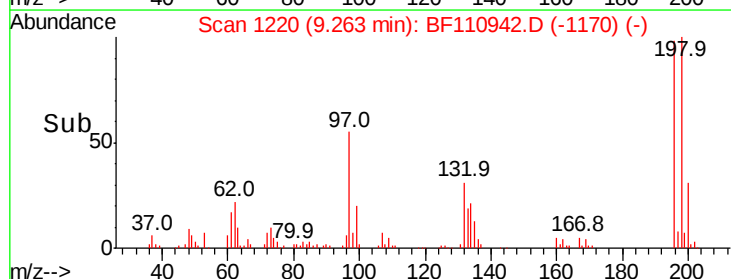
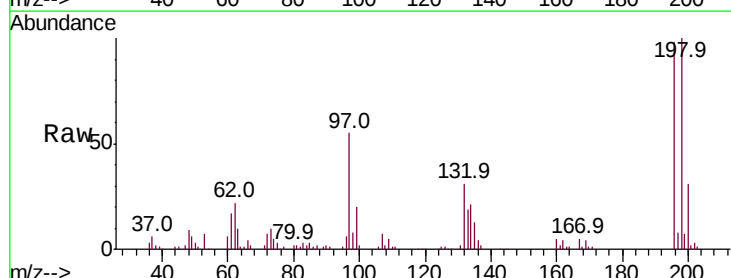
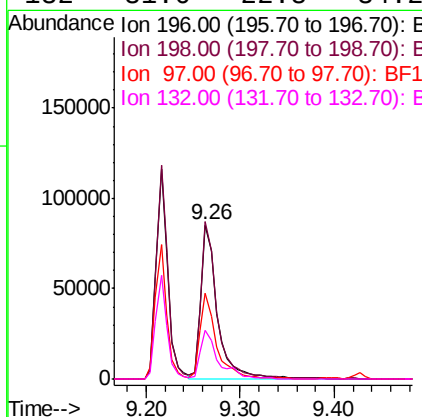
Manual Integrations
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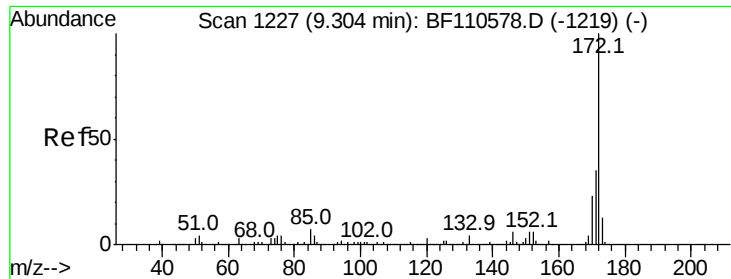
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 11/26/2018 3:11:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.472 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105914		
198	102.0	75.8	113.6	
97	55.7	42.4	63.6	
132	31.6	22.8	34.2	





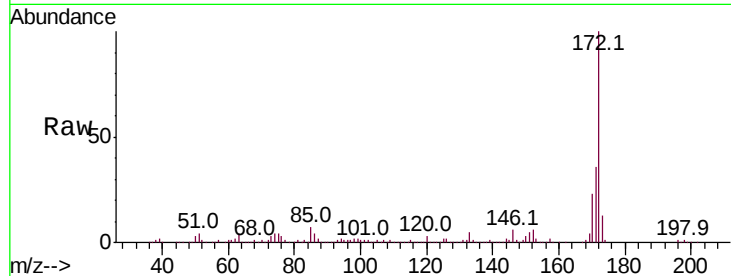
#45
2-Fluorobiphenyl
Concen: 80.399 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
172	100	711922		
171	35.6		28.6	43.0
170	23.2		19.7	29.5

Manual Integrations
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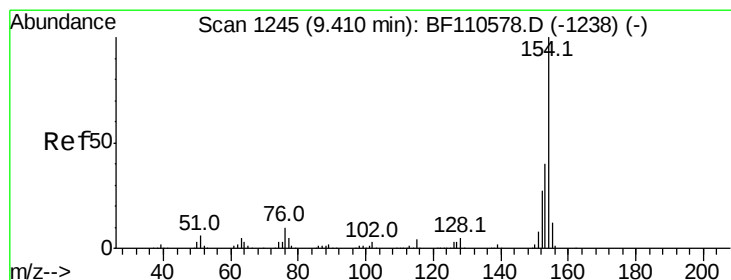
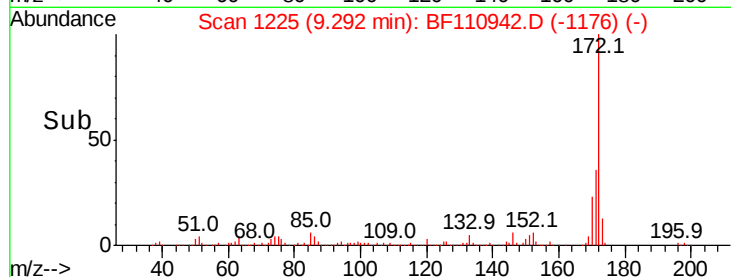
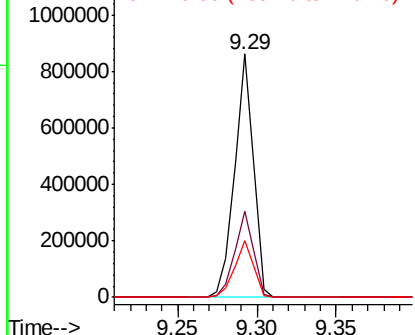


Abundance

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: 40.629 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

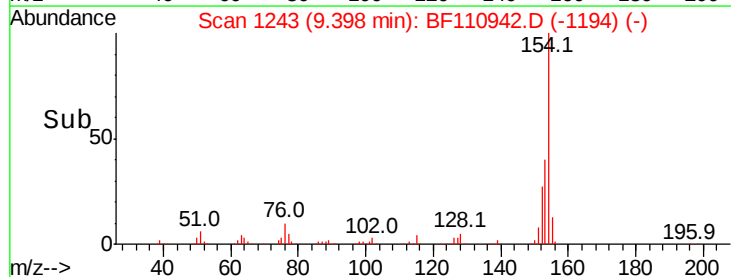
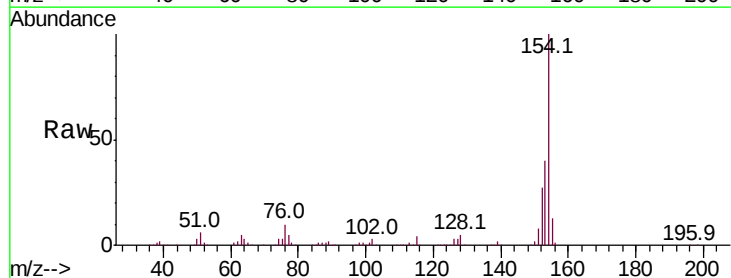
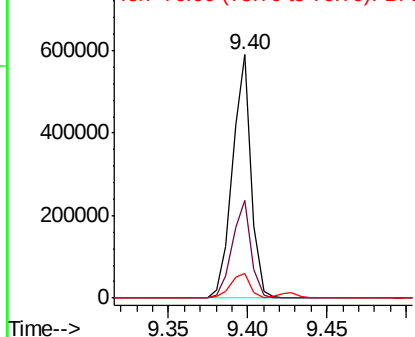
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	479312		
153	40.4		20.4	60.4
76	10.3		0.0	31.9

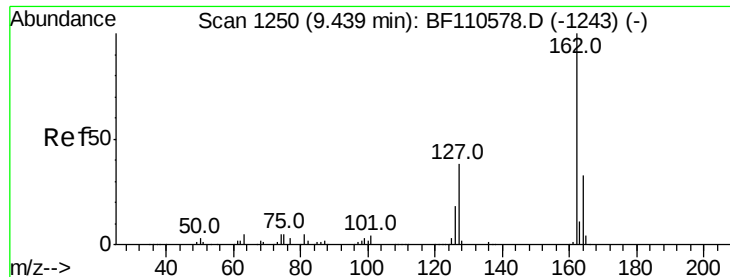
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





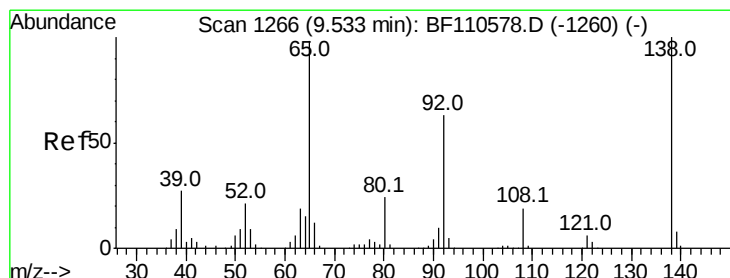
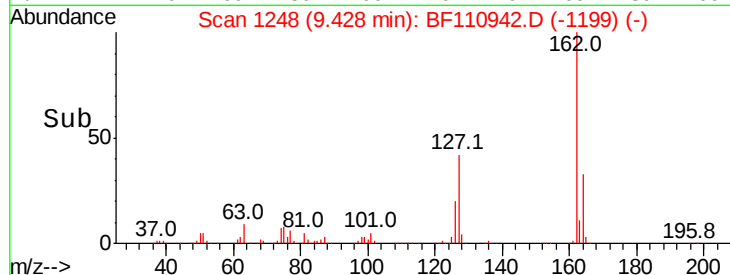
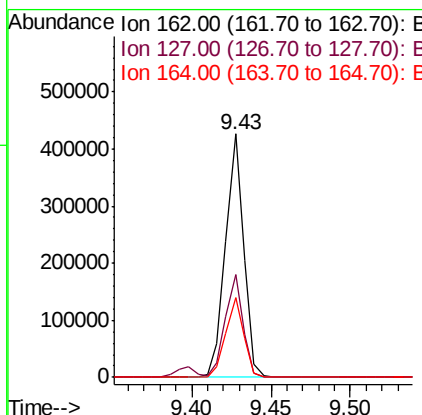
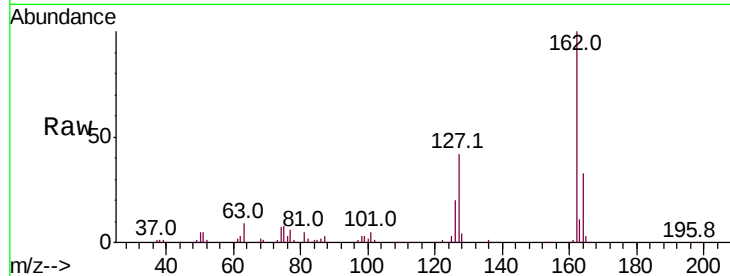
#47
2-Chloronaphthalene
Concen: 40.251 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	342094		
127	42.3		32.6	48.8
164	32.8		25.9	38.9

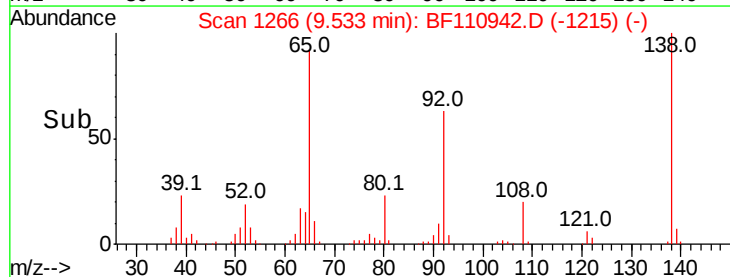
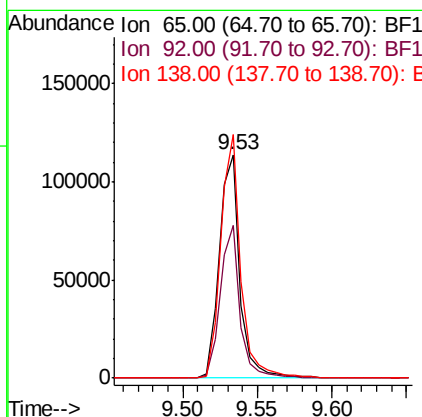
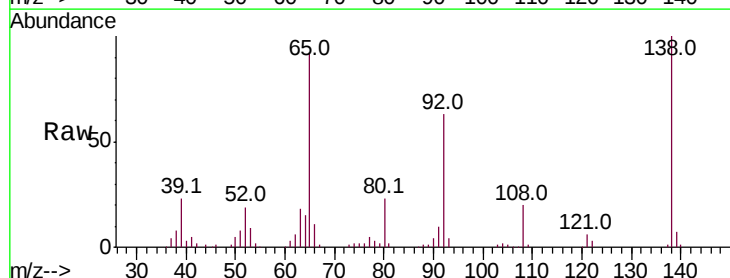
Manual Integrations
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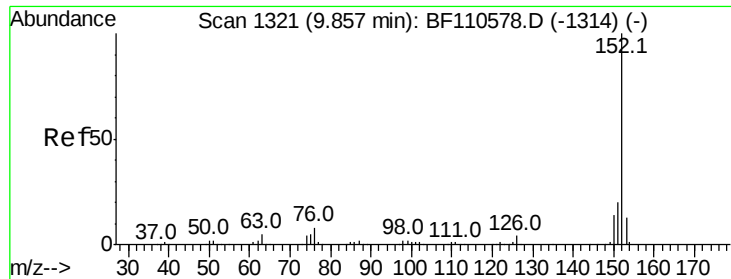
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#48
2-Nitroaniline
Concen: 42.134 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	110353		
92	68.1		54.6	81.8
138	108.8		80.3	120.5





#49

Acenaphthylene

Concen: 40.063 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

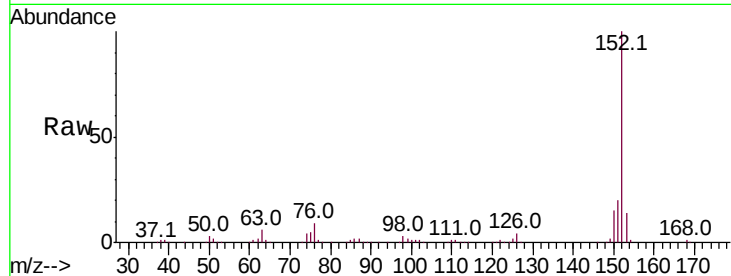
ClientSampleId :

SSTDCCC040

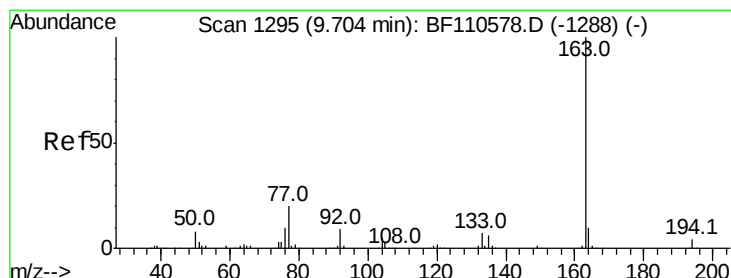
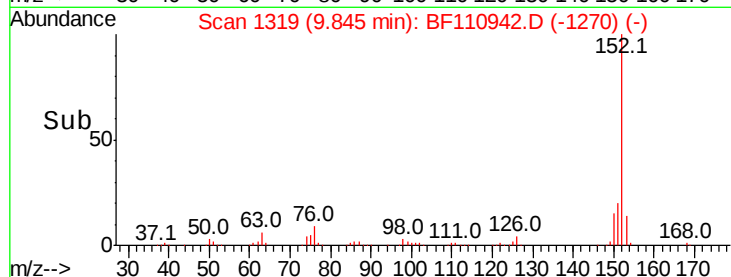
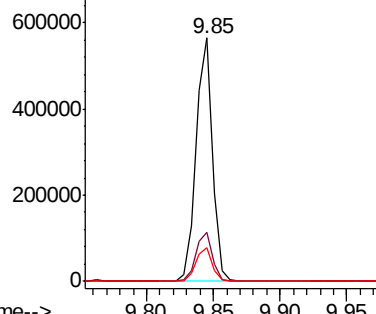
Tot Ion:	152	Resp:	490362
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	14.0	10.4	15.6

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



#50

Dimethylphthalate

Concen: 39.469 ng

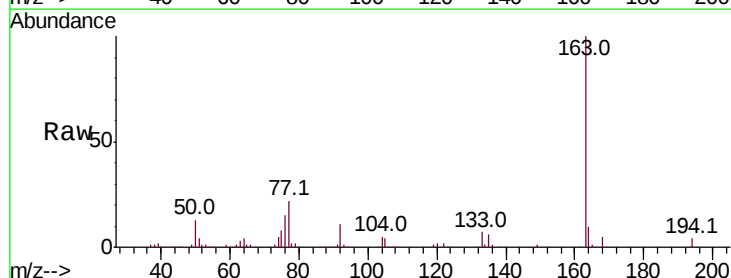
RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

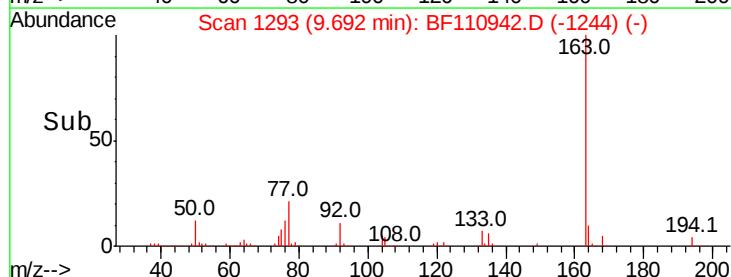
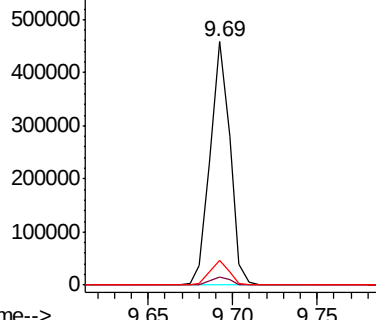
Lab File: BF110942.D

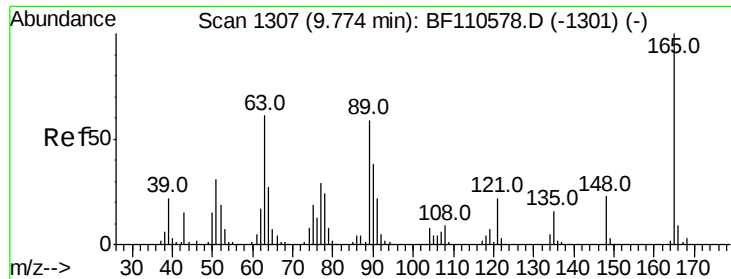
Acq: 23 Nov 2018 14:22

Tgt Ion:	163	Resp:	372442
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.2	8.1	12.1



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





#51

2,6-Dinitrotoluene

Concen: 40.246 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

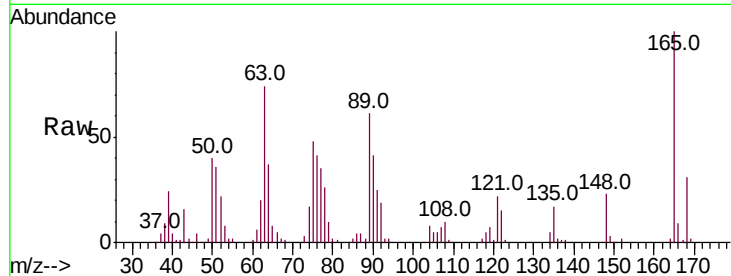
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	83543
Ion Ratio	Lower	Upper	
165	100		
63	73.8	48.9	73.3#
89	60.8	46.6	69.8

Manual Integrations
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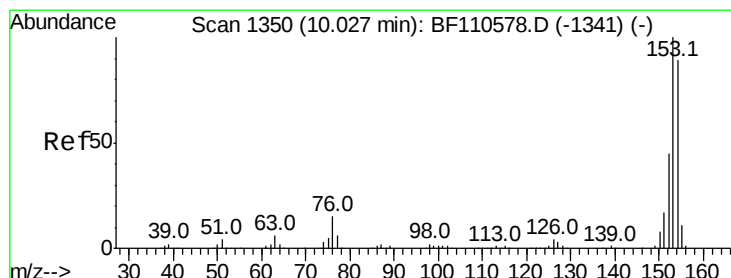
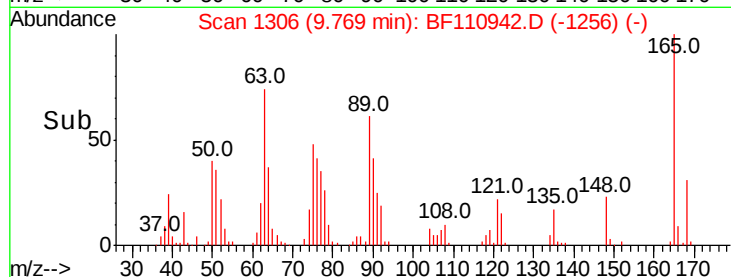
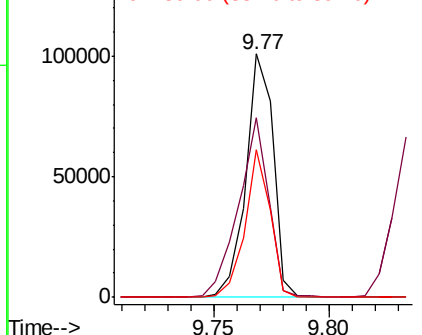
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.414 ng

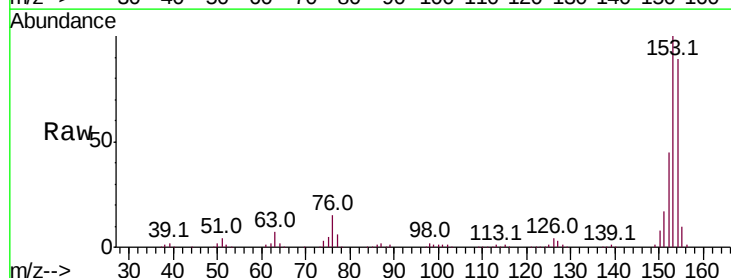
RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

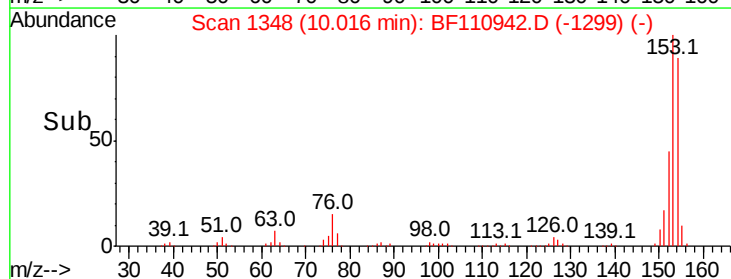
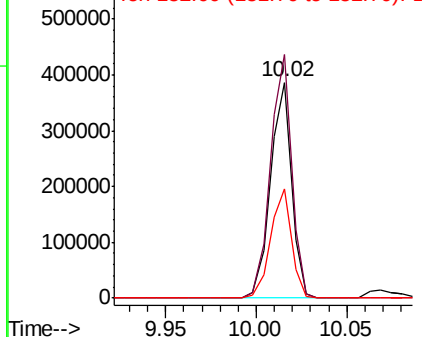
Tgt Ion:	154	Resp:	312611
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.1	135.1
152	50.3	43.4	65.2

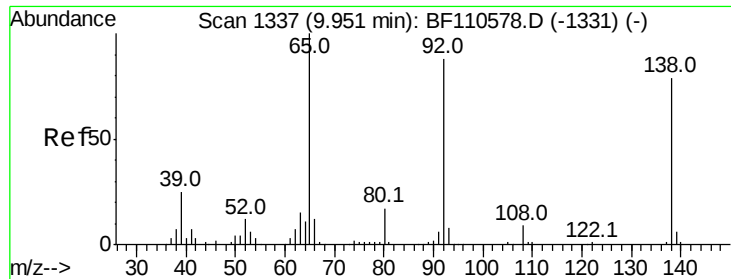


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





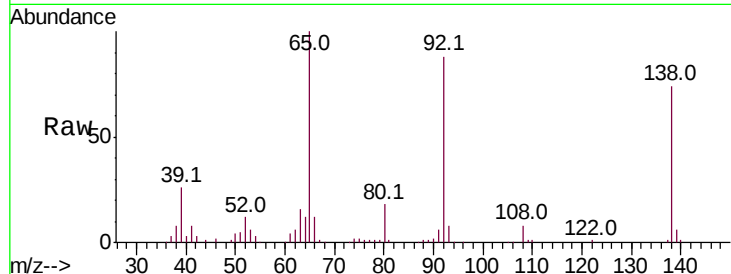
#53
3-Nitroaniline
Concen: 40.962 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	118.3	97.0	145.4

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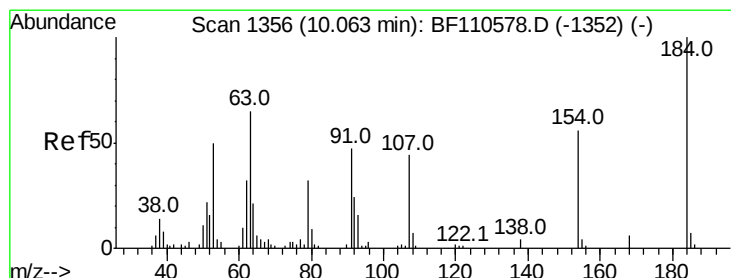
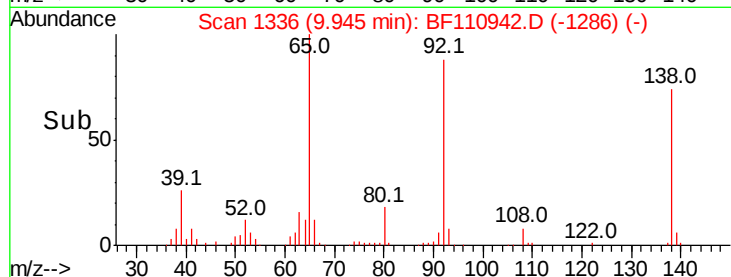
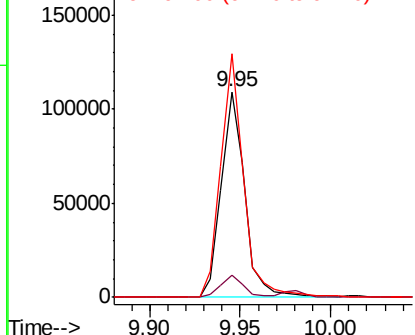


Abundance

Ion 138.00 (137.70 to 138.70): E

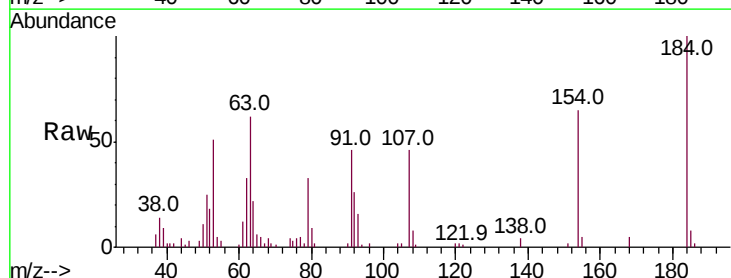
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 46.044 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	55.8	83.6
154	65.0	63.2	94.8

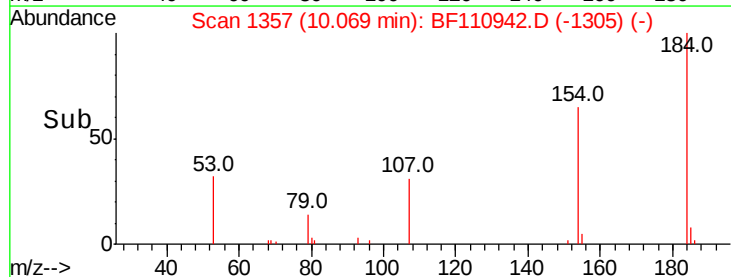
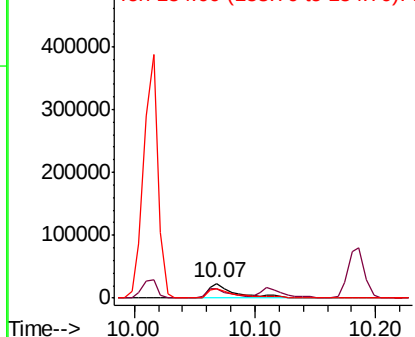


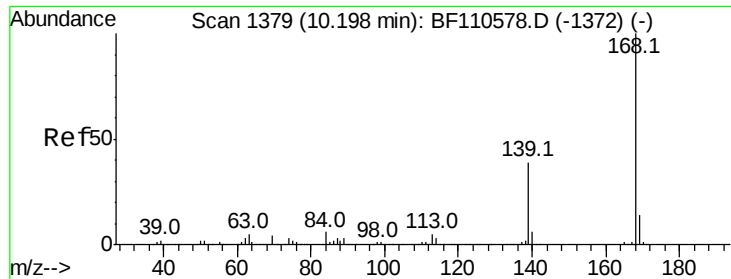
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





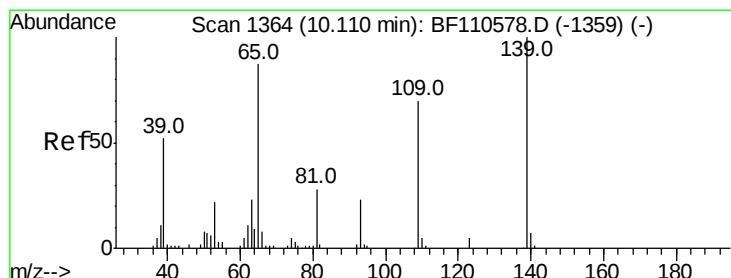
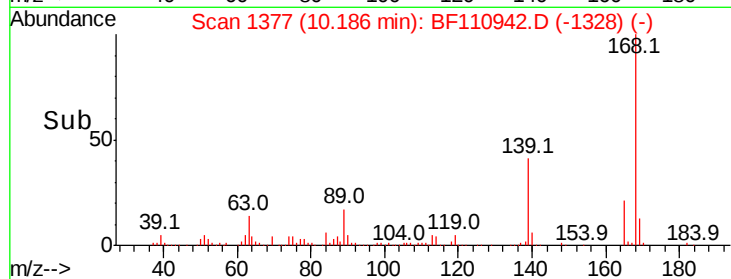
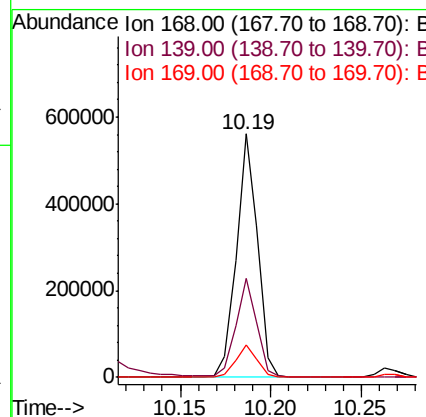
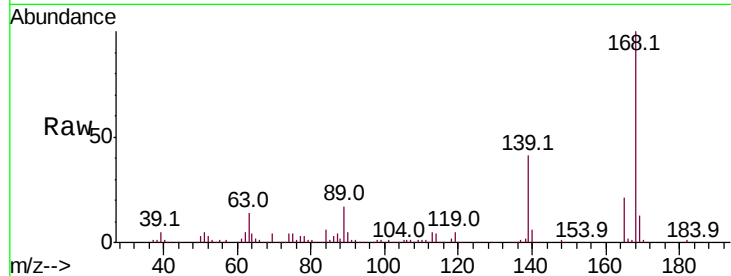
#55
Dibenzofuran
Concen: 40.059 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.0	49.6
169	13.4	11.3	16.9

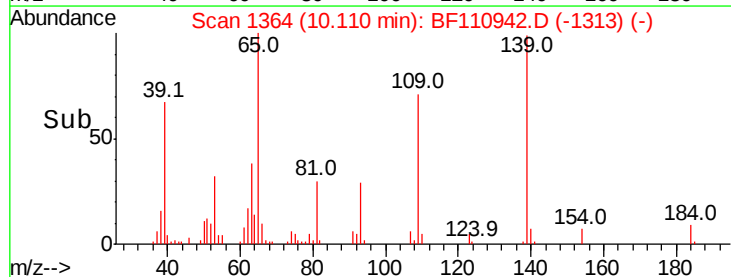
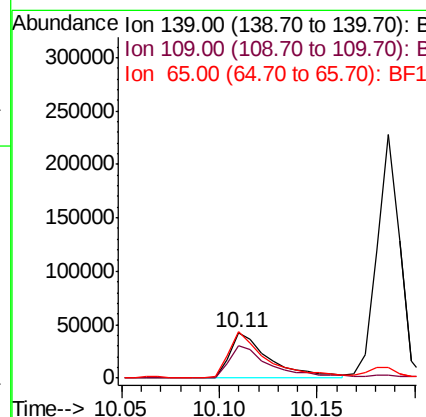
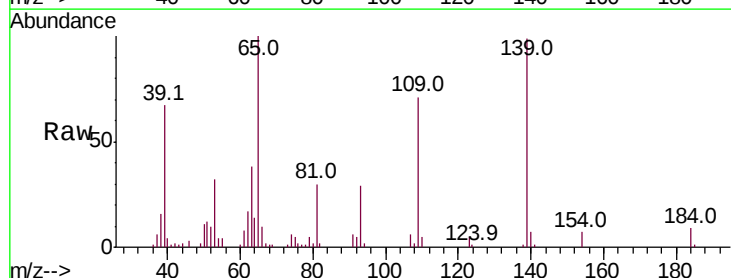
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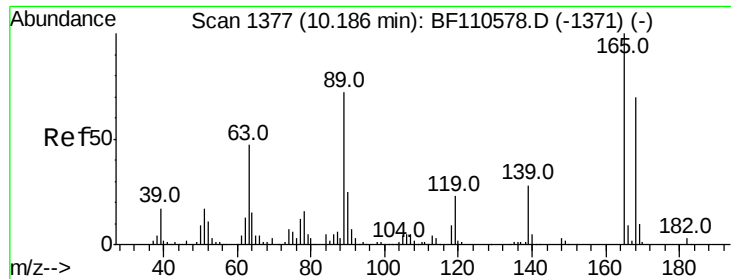
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11/26/2018 3:11:54 PM



#56
4-Nitrophenol
Concen: 37.631 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.0	55.8	95.8
65	101.3	77.9	117.9





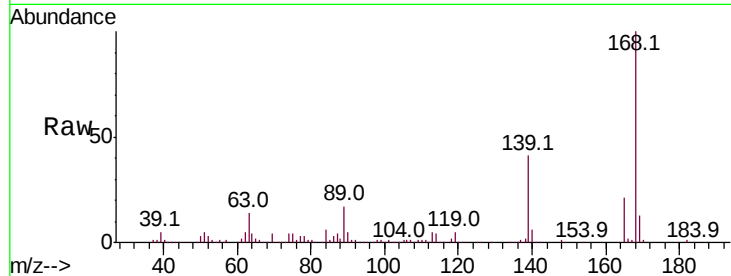
#57
2,4-Dinitrotoluene
Concen: 41.286 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

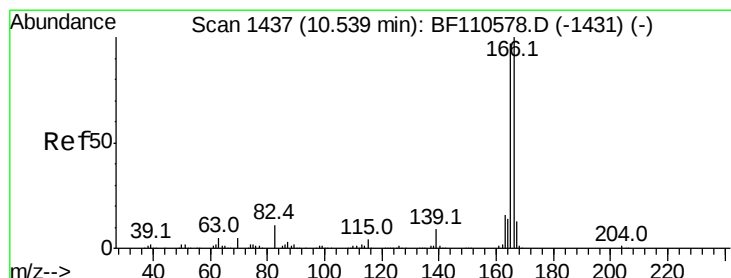
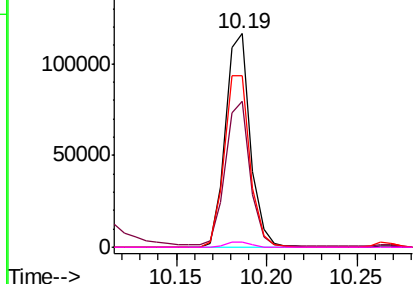
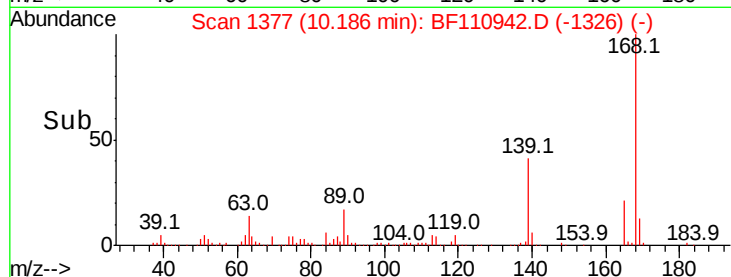
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.5	44.8	67.2	#
89	80.1	62.2	93.4	
182	2.5	2.1	3.1	

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11/26/2018 3:11:54 PM

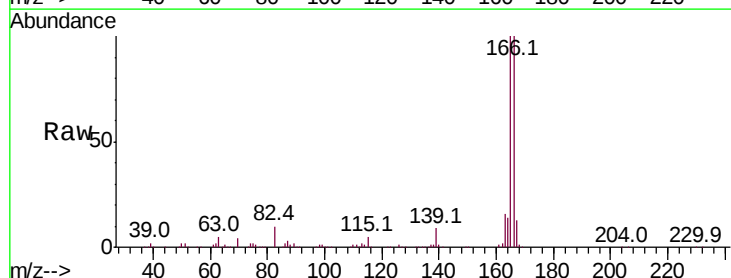


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

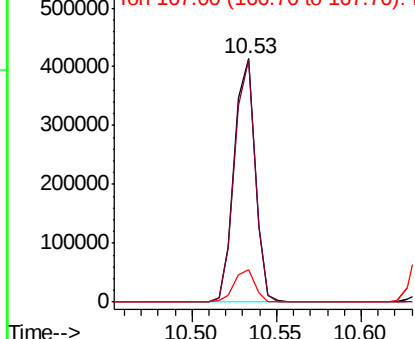
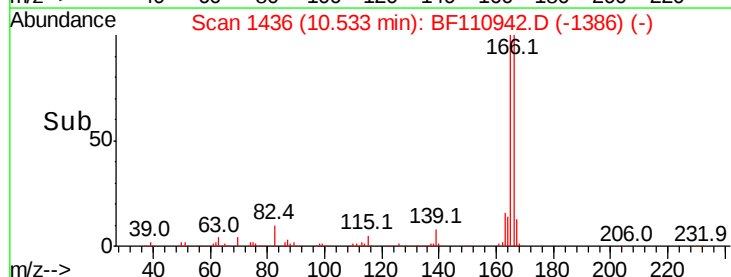


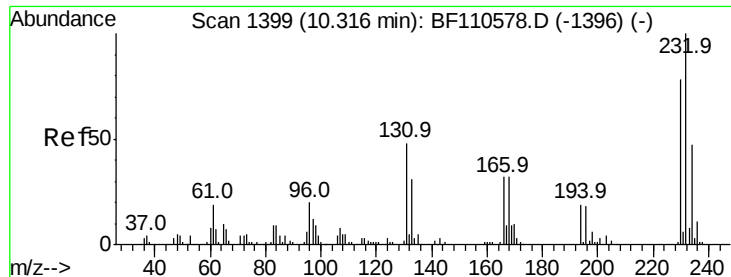
#58
Fluorene
Concen: 40.936 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	78.6	117.8	
167	13.2	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





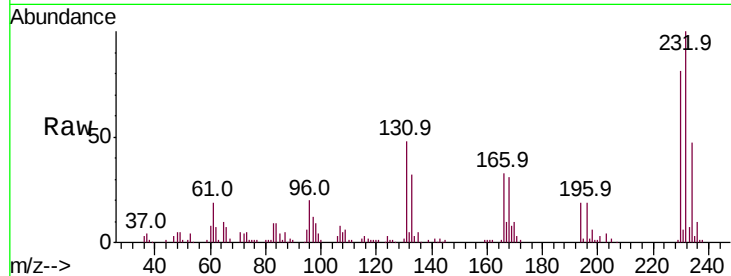
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.834 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.2	37.0	55.4
130	2.0	1.8	2.6
166	31.0	22.0	33.0

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11/26/2018 3:11:54 PM



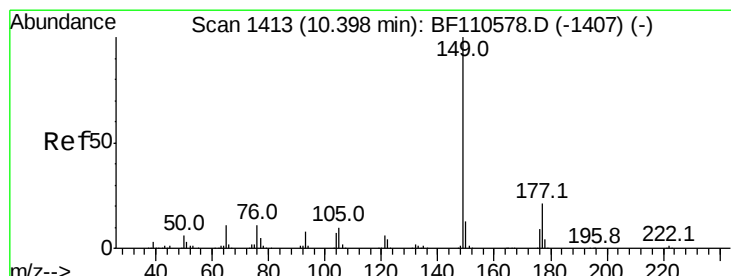
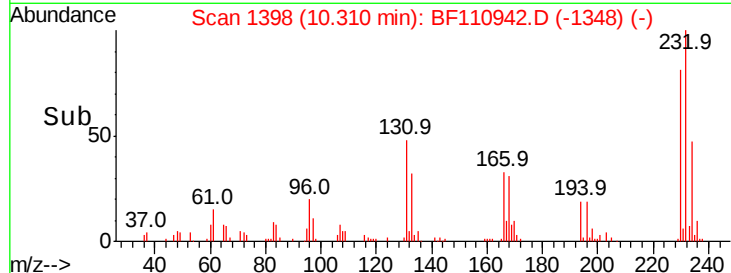
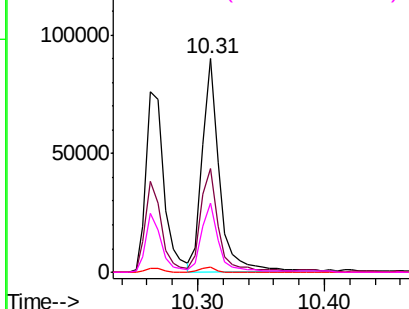
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

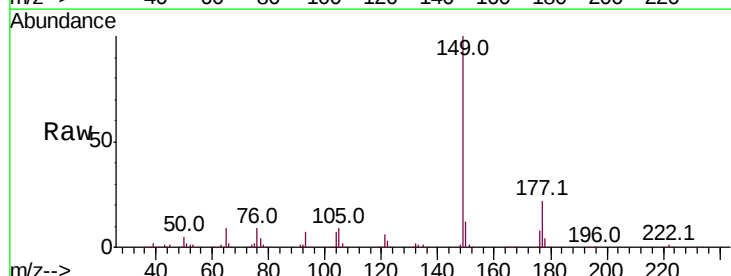
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.648 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	11.7	9.8	14.8

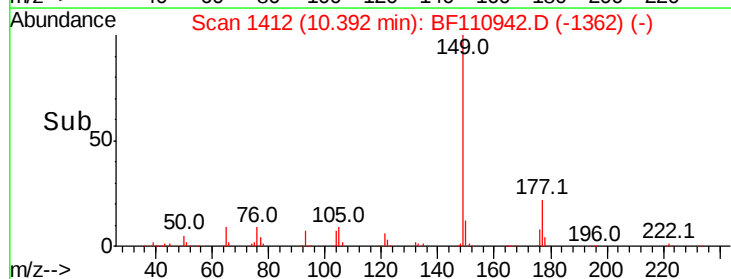
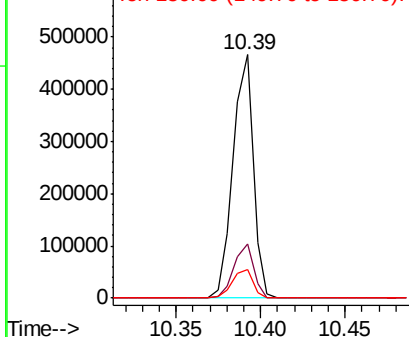


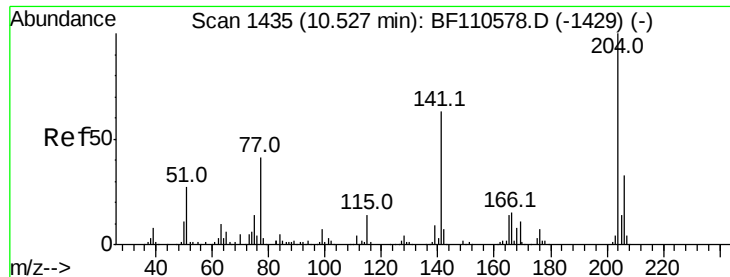
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





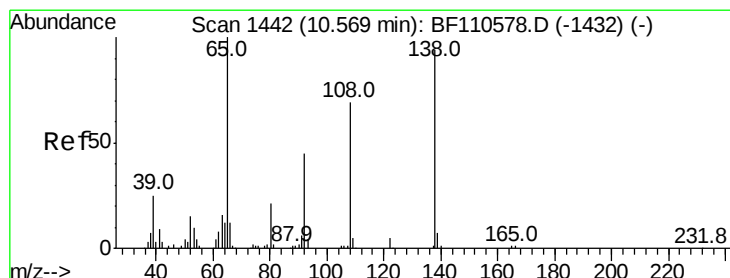
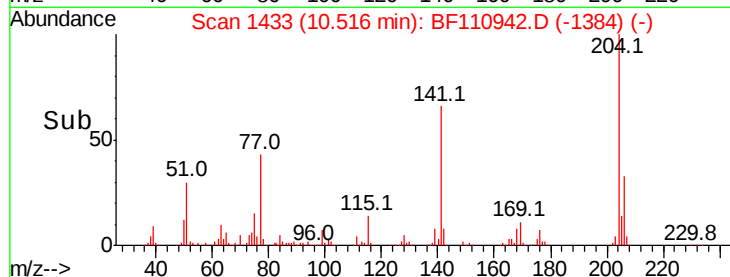
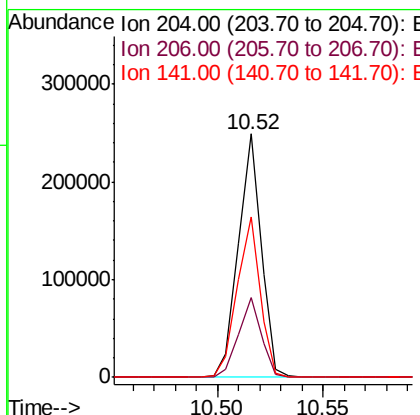
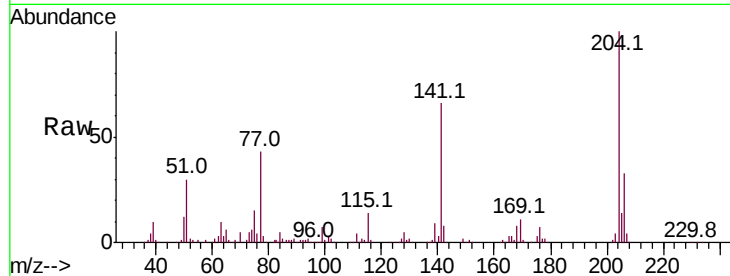
#61
4-Chlorophenyl-phenylether
Concen: 41.346 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	65.6	51.8	77.8

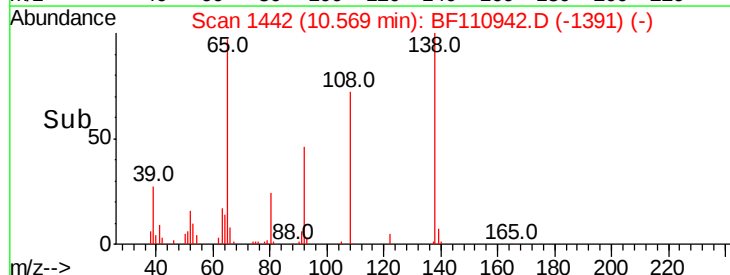
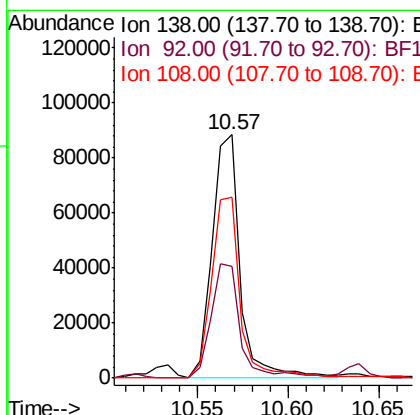
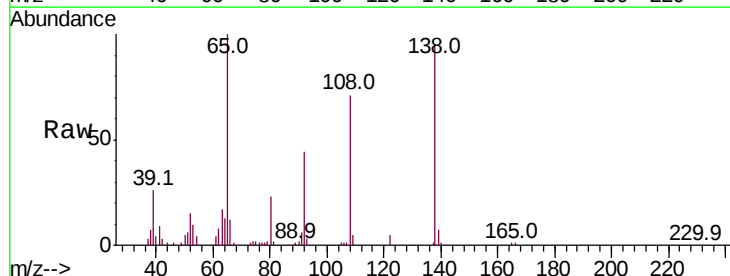
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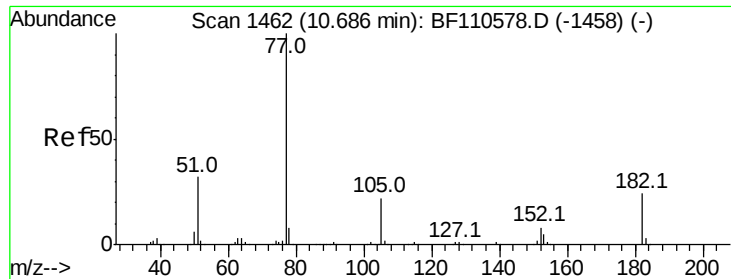
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11/26/2018 3:11:54 PM



#62
4-Nitroaniline
Concen: 39.200 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	31.7	71.7
108	74.4	59.3	99.3





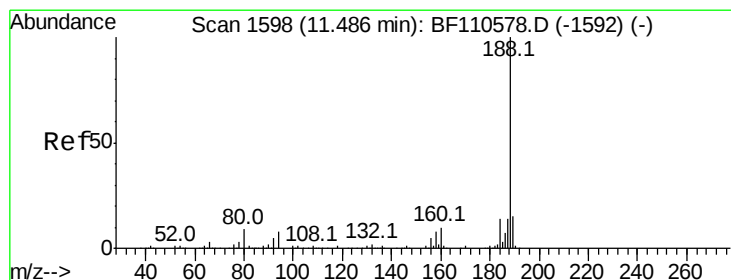
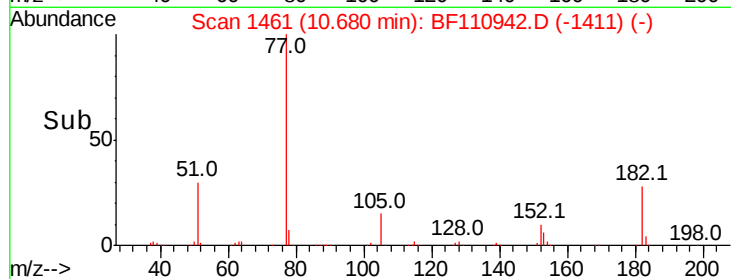
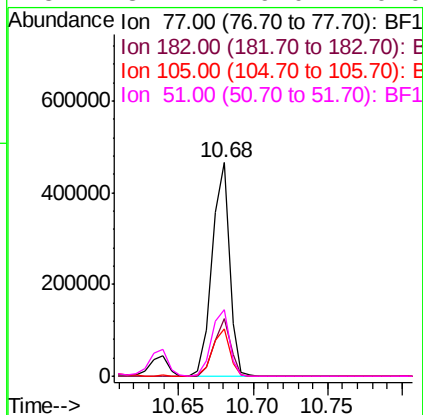
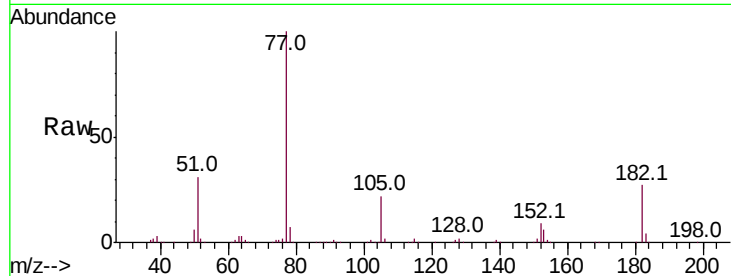
#63
Azobenzene
Concen: 41.128 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.2	4.3	44.3		
105	22.2	1.3	41.3		
51	31.2	9.0	49.0		

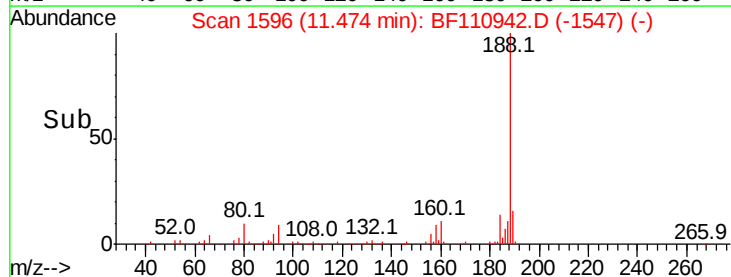
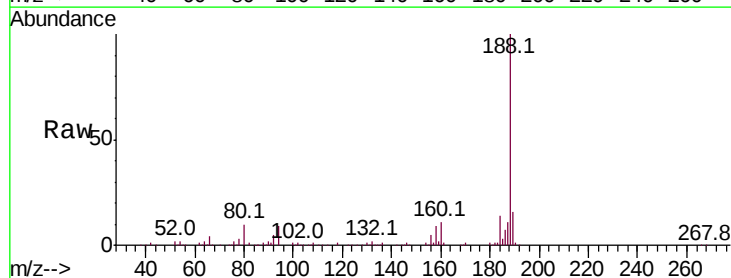
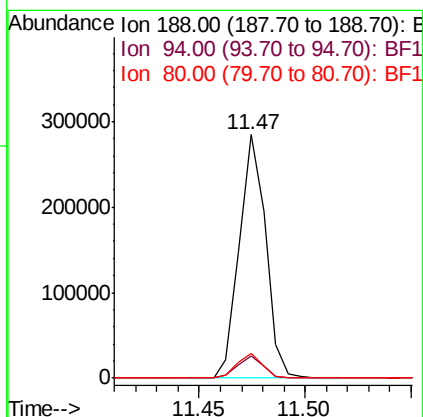
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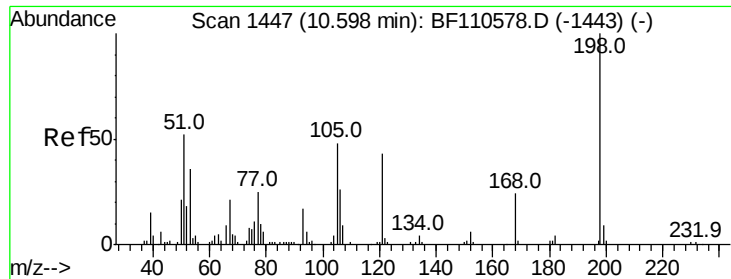
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11/26/2018 3:11:54 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	7.2	10.8		
80	10.1	7.9	11.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 37.910 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

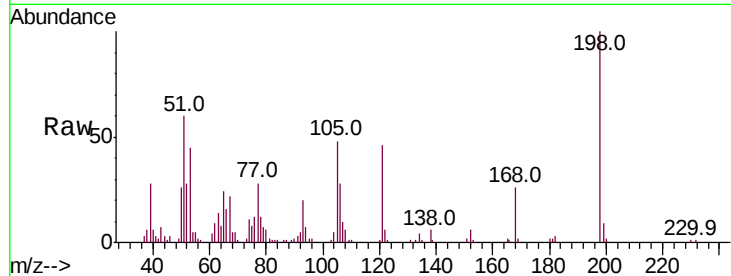
ClientSampleId :

SSTDCCC040

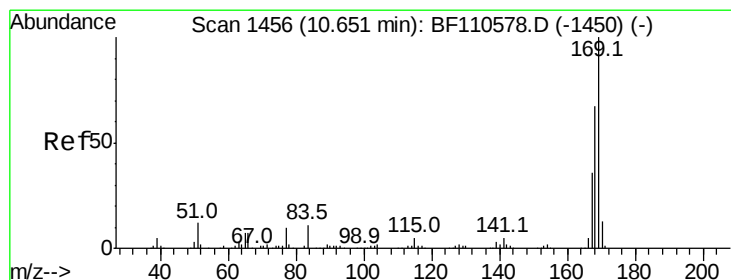
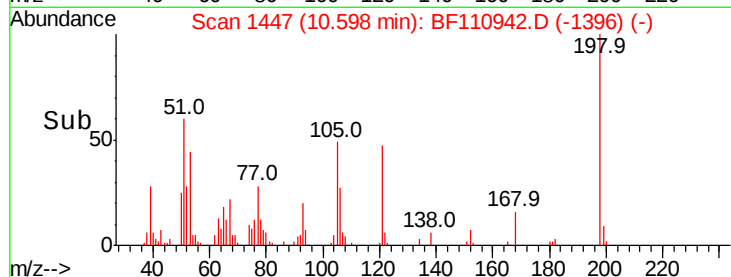
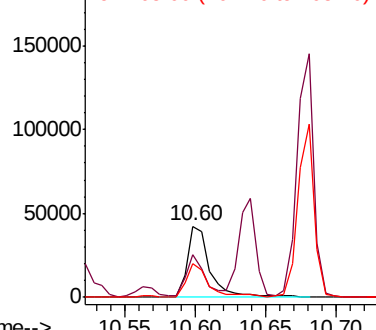
Tot Ion:	198	Resp:	47069
Ion Ratio	Lower	Upper	
198	100		
51	59.6	22.8	62.8
105	48.3	23.6	63.6

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11/26/2018 3:11:54 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.778 ng

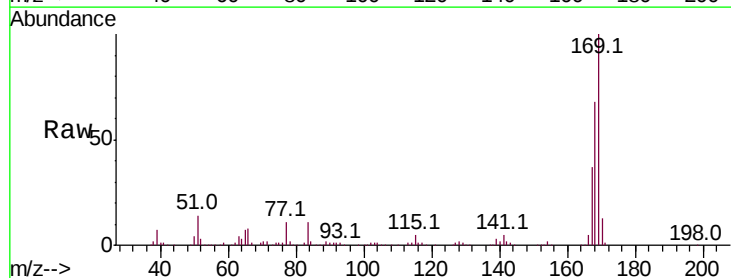
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

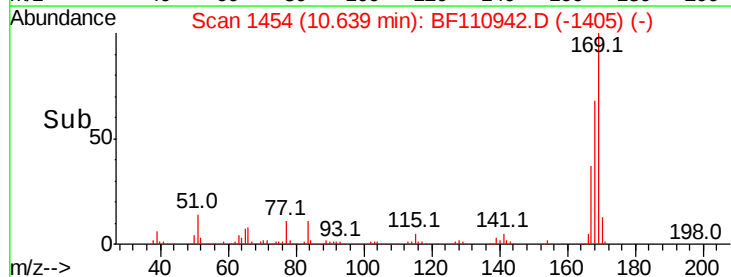
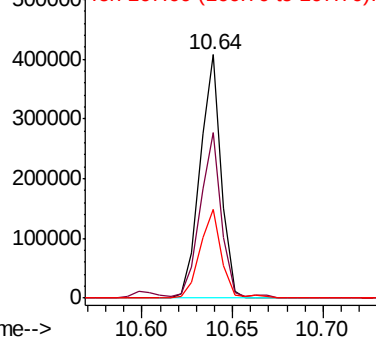
Lab File: BF110942.D

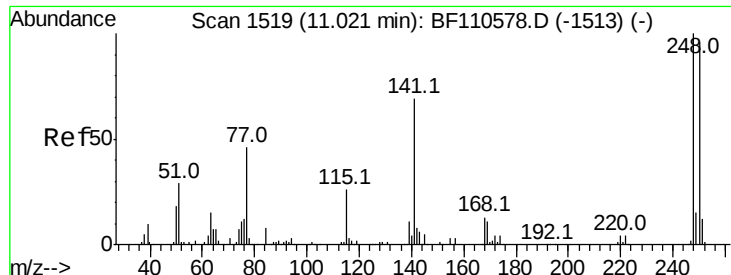
Acq: 23 Nov 2018 14:22

Tgt Ion:	169	Resp:	330315
Ion Ratio	Lower	Upper	
169	100		
168	68.0	51.2	76.8
167	36.6	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





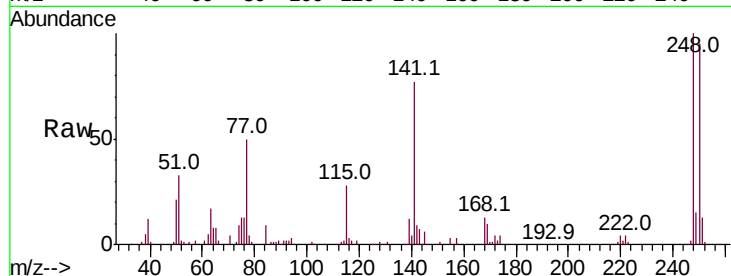
#67
4-Bromophenyl-phenylether
Concen: 40.133 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

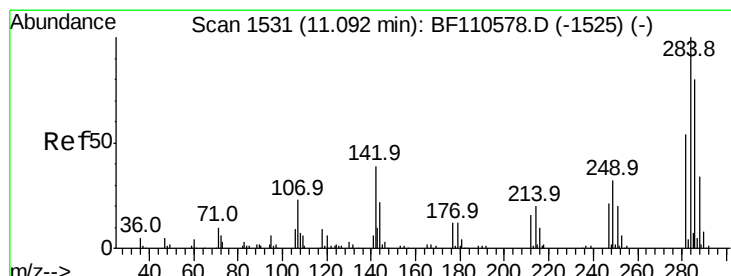
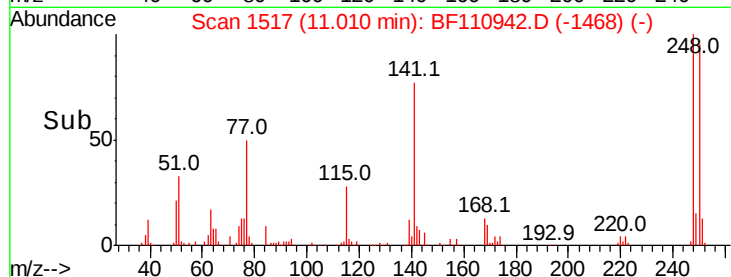
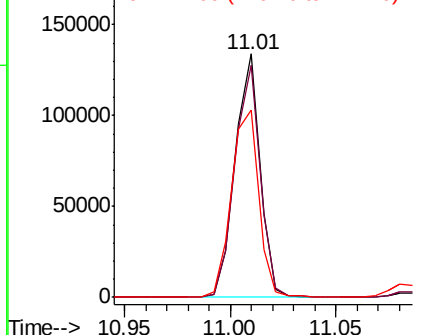
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.4	119.2
141	77.1	55.9	83.9

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11/26/2018 3:11:54 PM

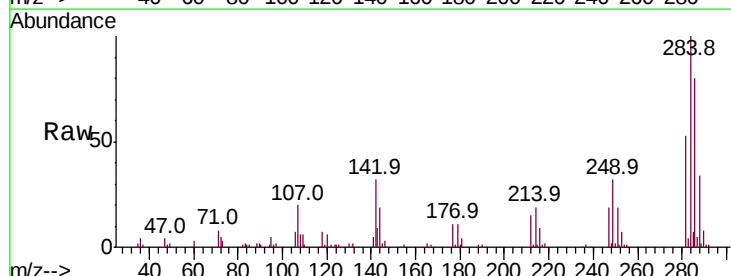


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

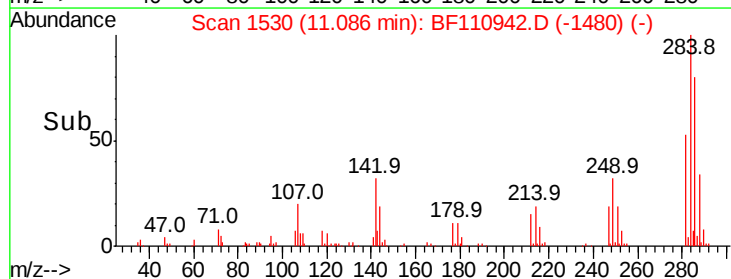
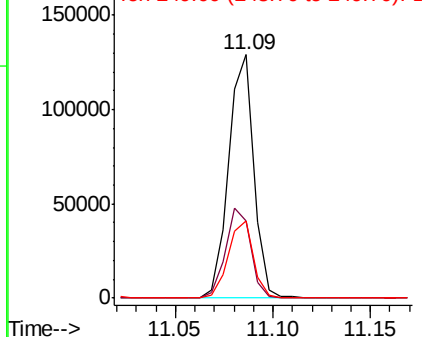


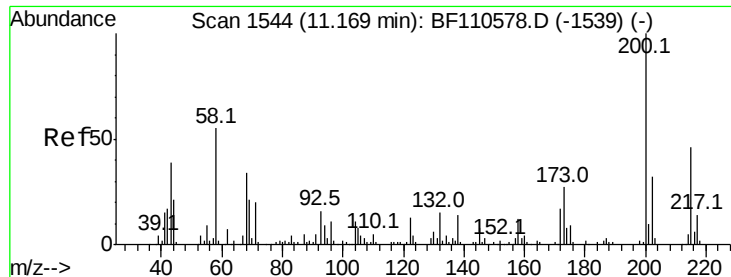
#68
Hexachlorobenzene
Concen: 40.223 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	23.9	35.9
249	31.6	24.2	36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





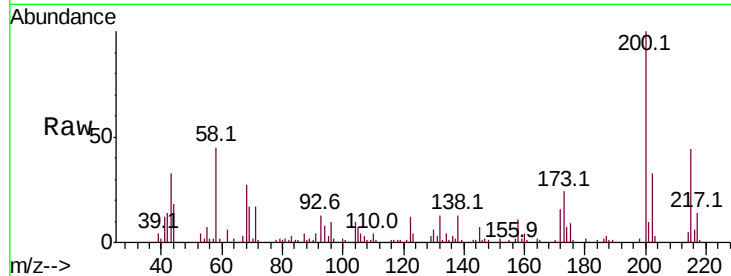
#69
 Atrazine
 Concen: 36.793 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

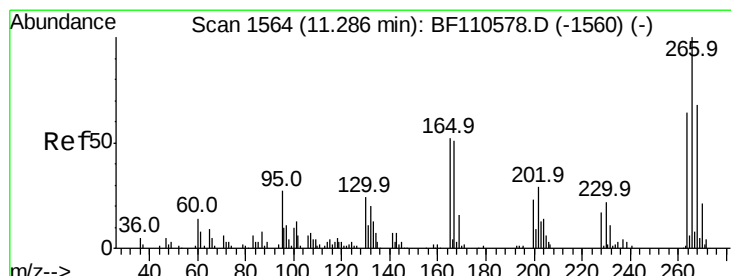
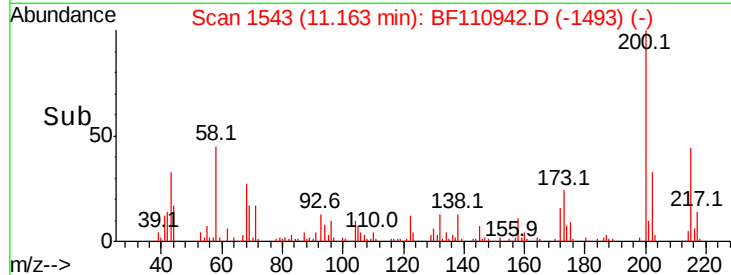
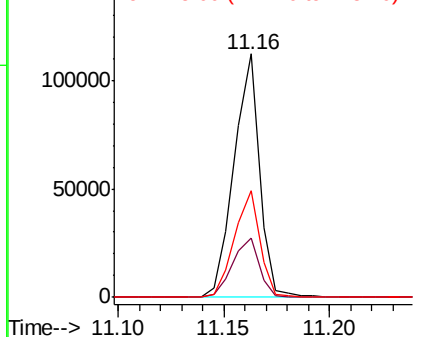
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	6.6	46.6
215	43.9	26.3	66.3

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 11/26/2018 3:11:54 PM



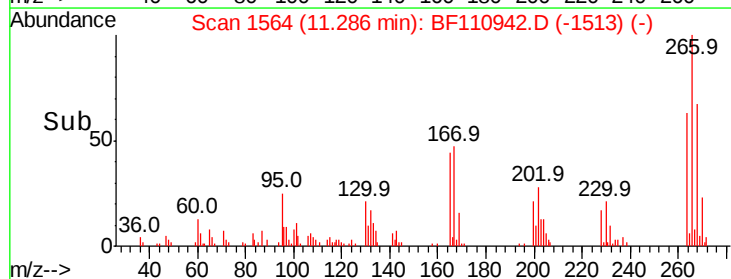
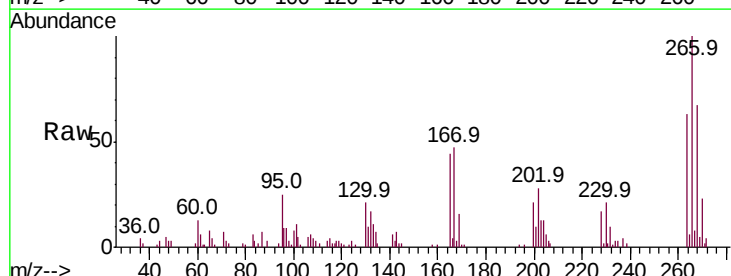
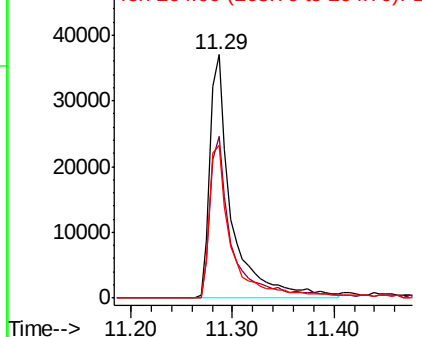
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

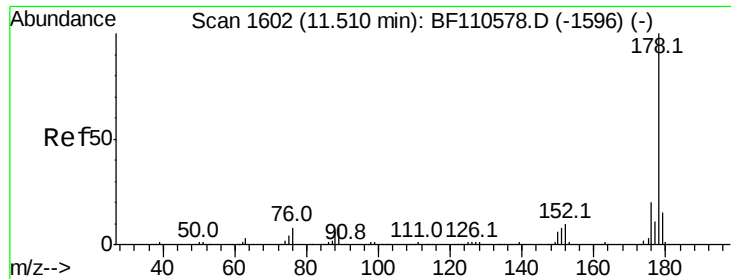


#70
 Pentachlorophenol
 Concen: 36.103 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.6	75.8
264	62.8	50.6	75.8

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





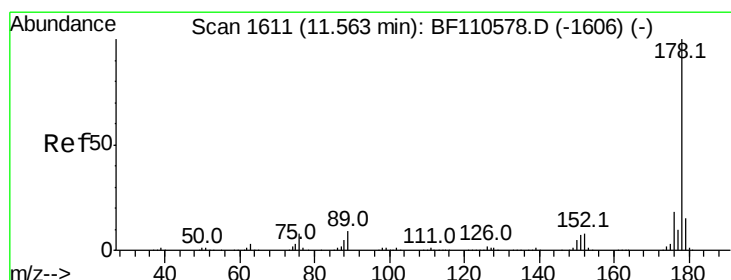
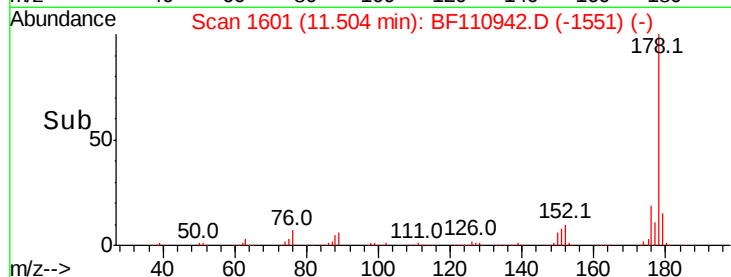
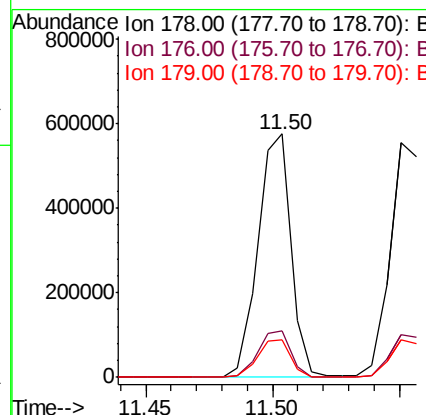
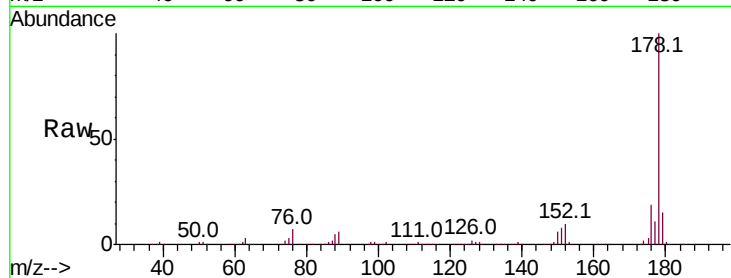
#71
Phenanthrene
Concen: 39.775 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.5	18.7

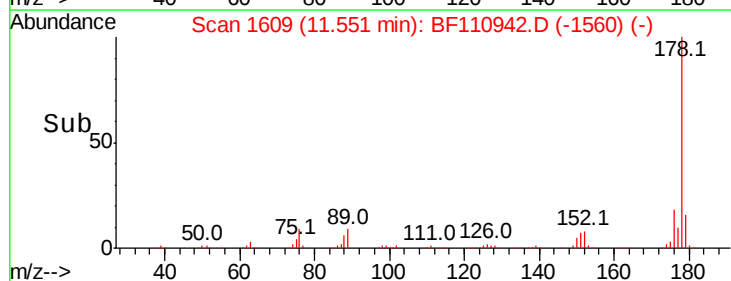
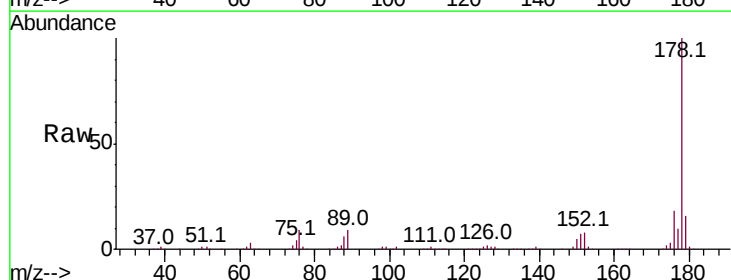
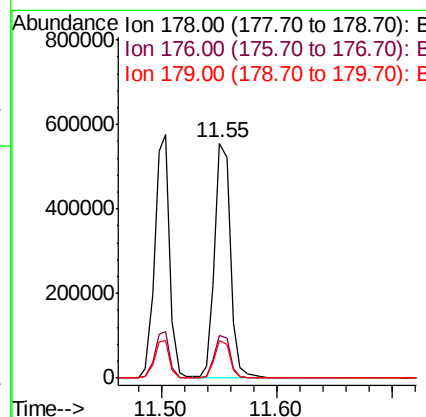
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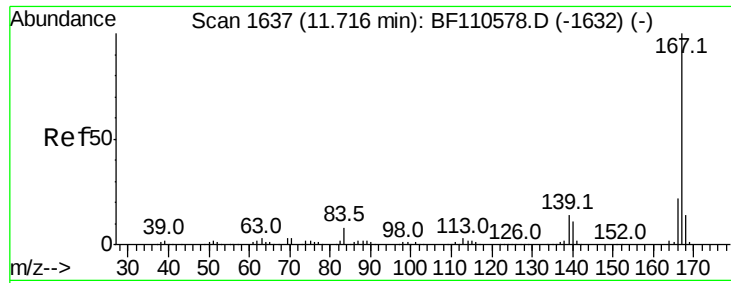
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11/26/2018 3:11:54 PM



#72
Anthracene
Concen: 40.124 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.1	12.6	18.8





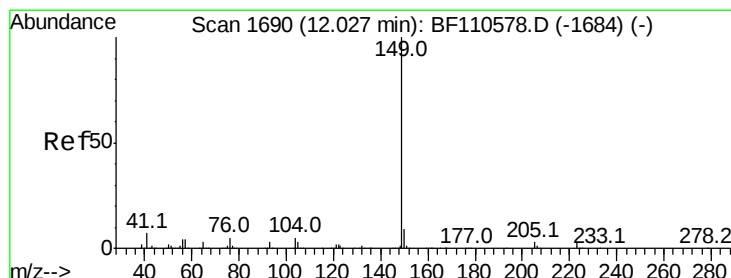
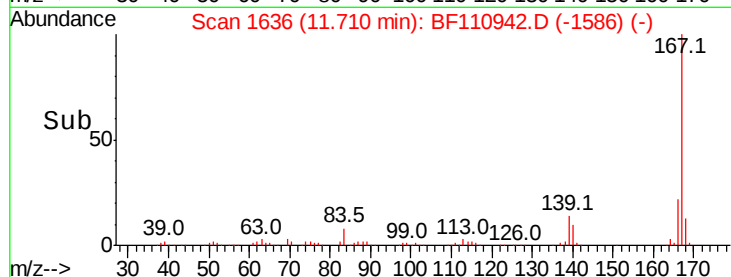
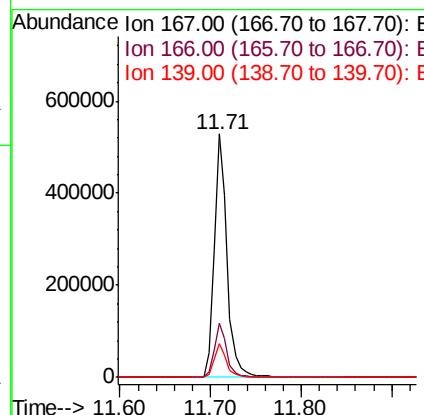
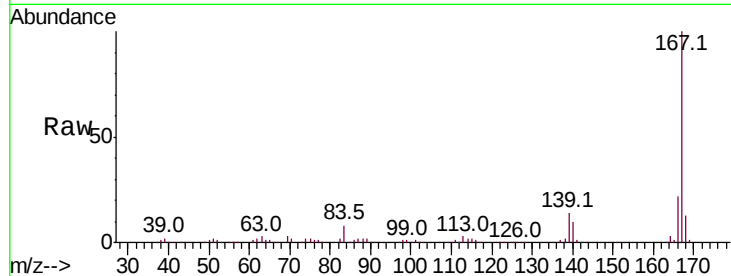
#73
 Carbazole
 Concen: 41.169 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100	526409		
166	22.0		17.4	26.0
139	13.9		10.9	16.3

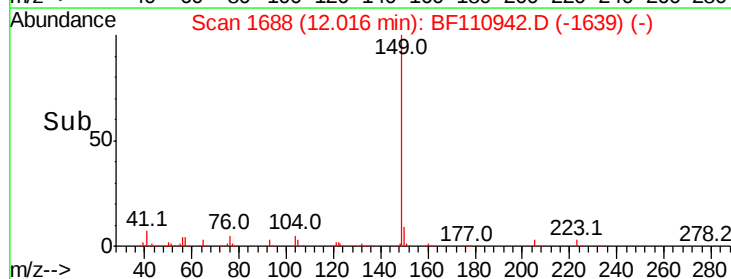
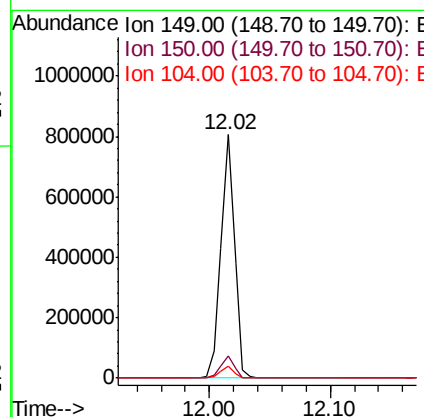
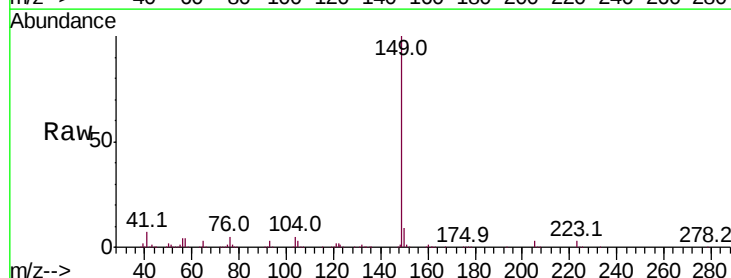
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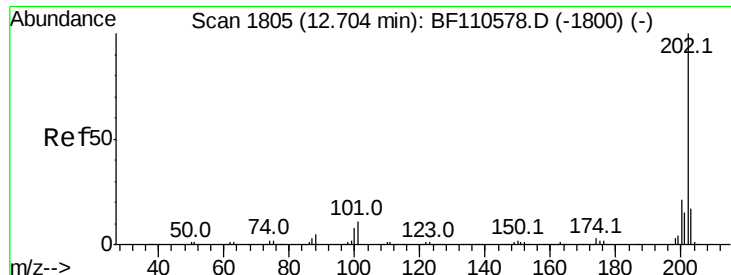
MOHAMMAD
 11/26/2018 3:11:54 PM



#74
 Di-n-butylphthalate
 Concen: 41.172 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BF110942.D
 Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	617344		
150	9.1		7.7	11.5
104	5.1		4.2	6.4





#75

Fluoranthene

Concen: 40.689 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

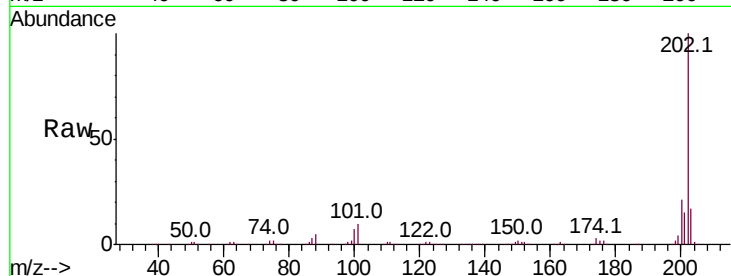
ClientSampleId :

SSTDCCC040

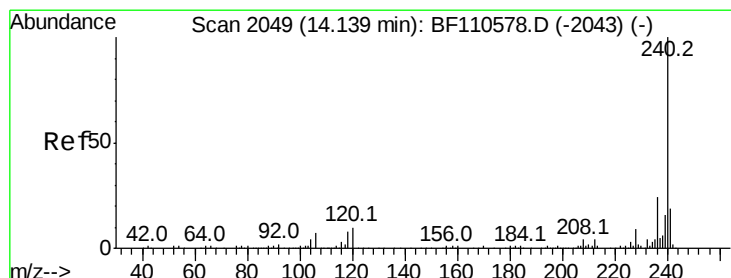
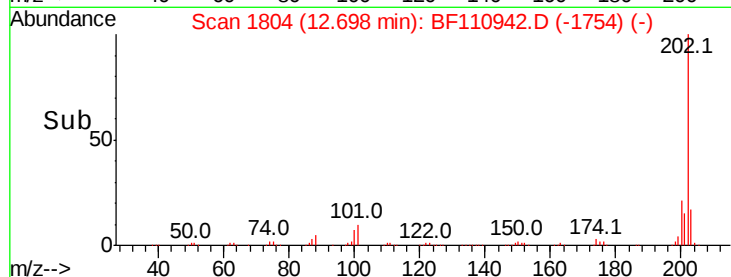
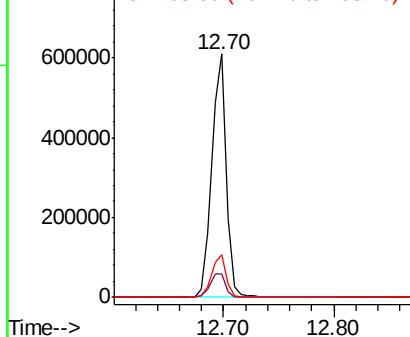
Tot Ion	Ratio	Resp	Lower	Upper
202	100	538421		
101	9.9	0.0	31.4	
203	17.5	0.0	37.7	

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



#76

Chrysene-d12

Concen: 20.000 ng

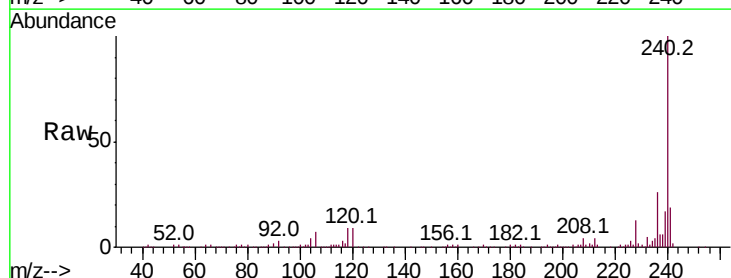
RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

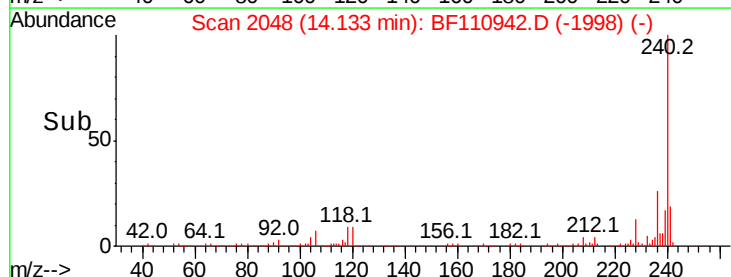
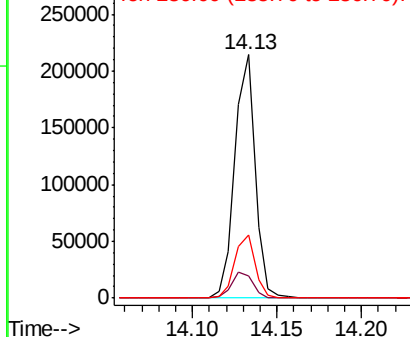
Lab File: BF110942.D

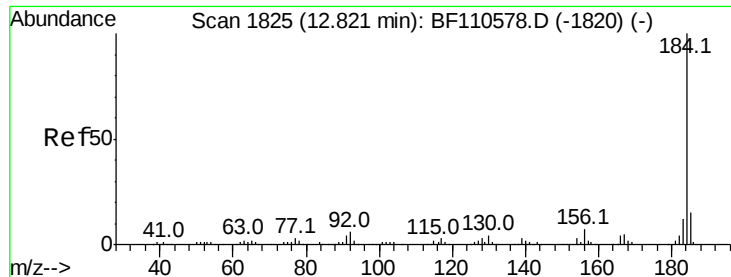
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	179447		
120	9.1	8.3	12.5	
236	25.8	21.2	31.8	



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





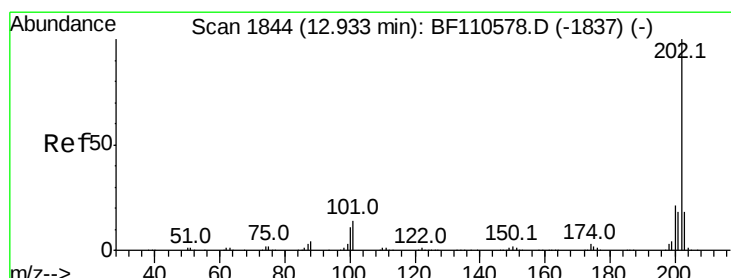
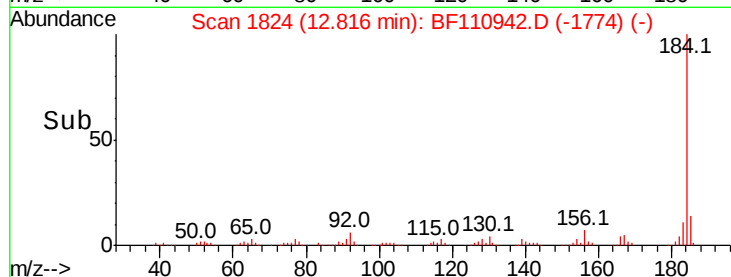
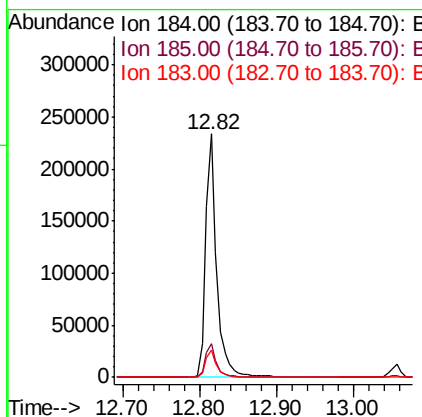
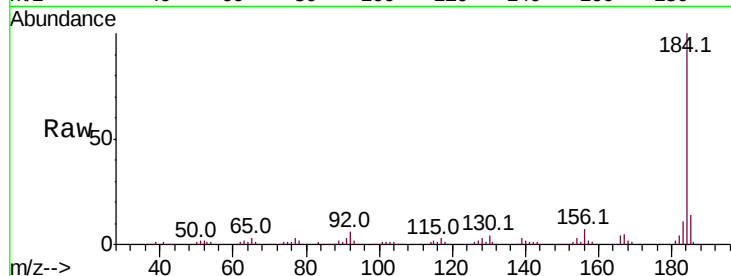
#77
Benzidine
Concen: 47.245 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.6	13.4	20.2
183	11.4	9.4	14.2

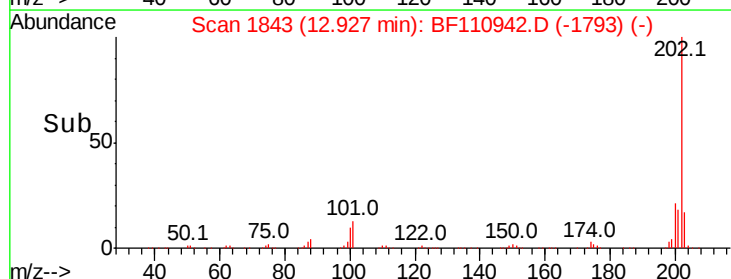
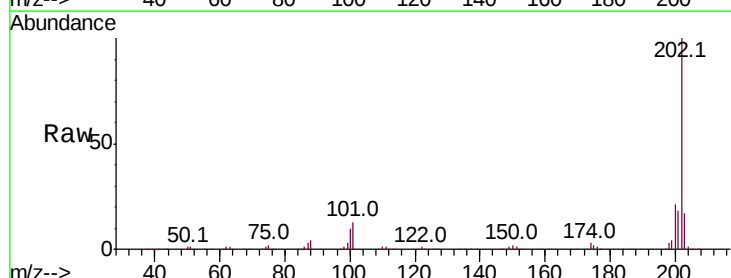
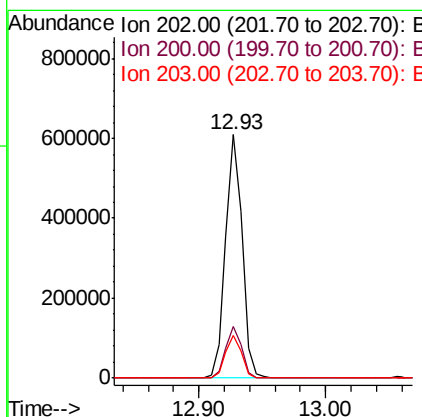
Manual Integrations
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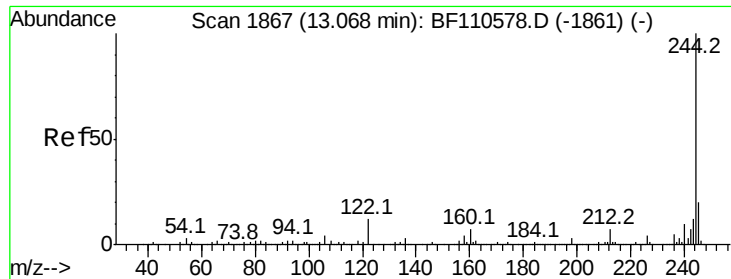
MOHAMMAD
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#78
Pyrene
Concen: 40.101 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.4	14.2	21.4





#79

Terphenyl-d14

Concen: 80.518 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

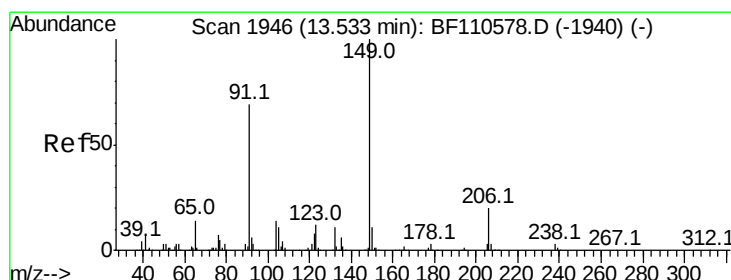
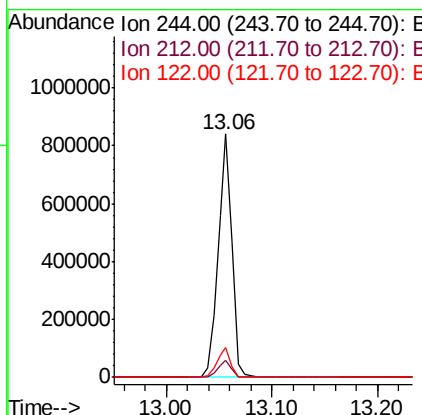
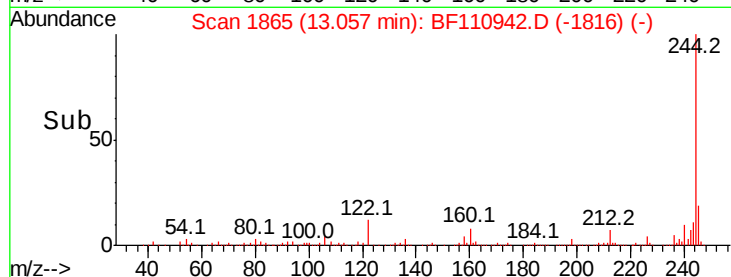
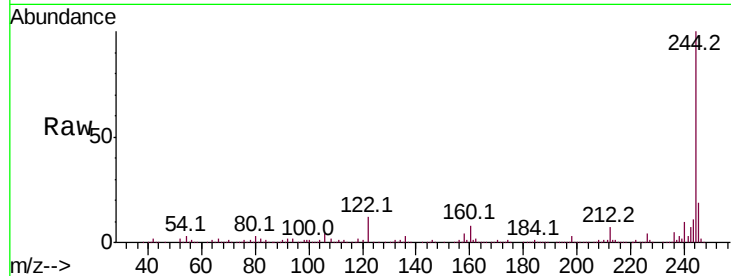
ClientSampleId :

SSTDCCC040

Tot Ion:	244	Resp:	771516
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	12.1	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 41.826 ng

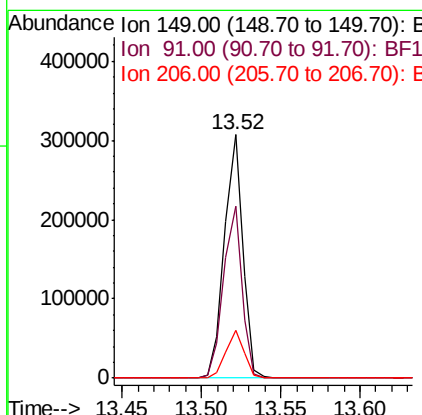
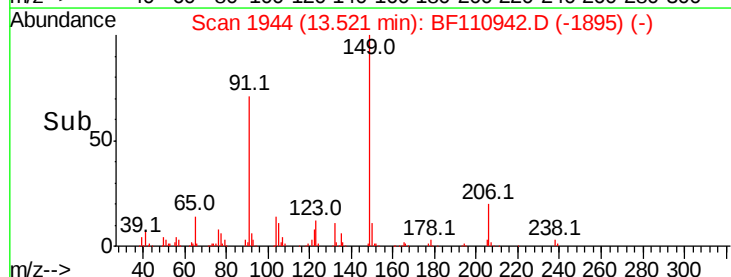
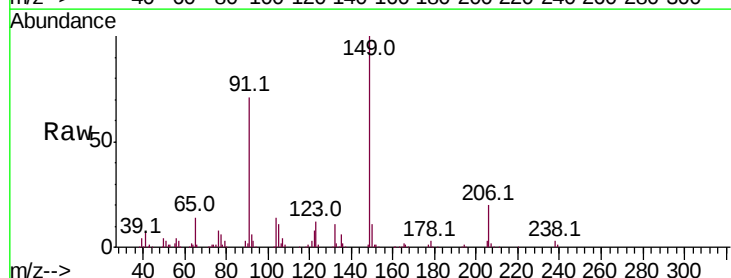
RT: 13.52 min Scan# 1944

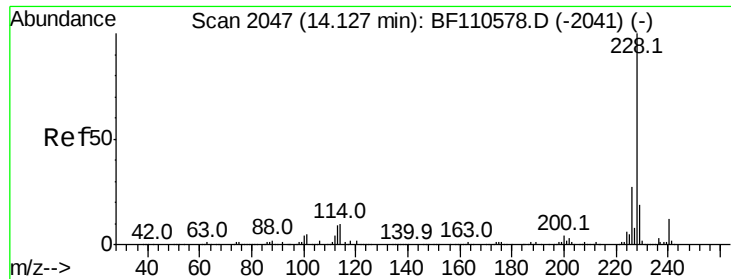
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	149	Resp:	248737
Ion Ratio	Lower	Upper	
149	100		
91	70.6	57.2	85.8
206	19.8	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.904 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

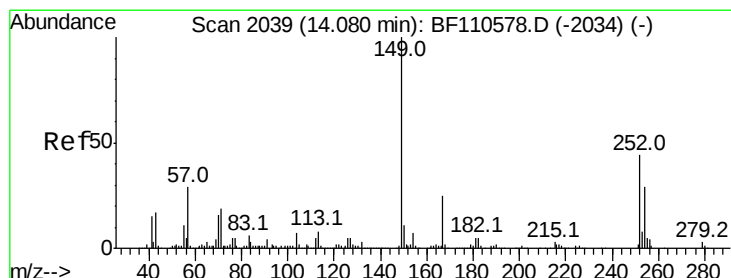
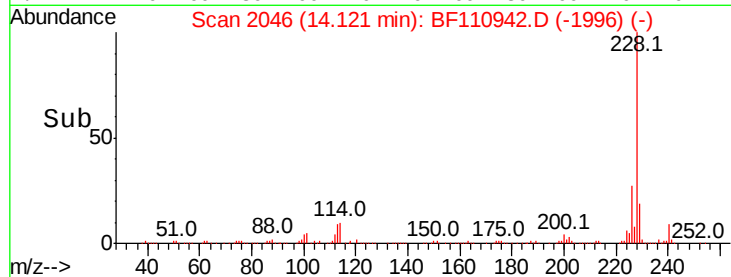
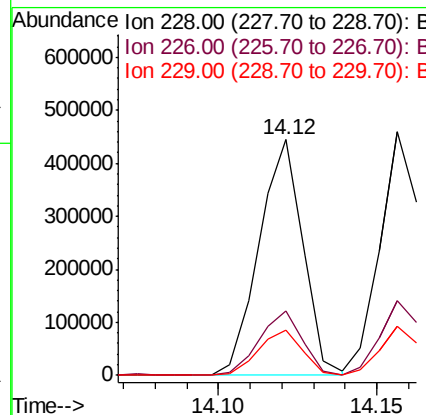
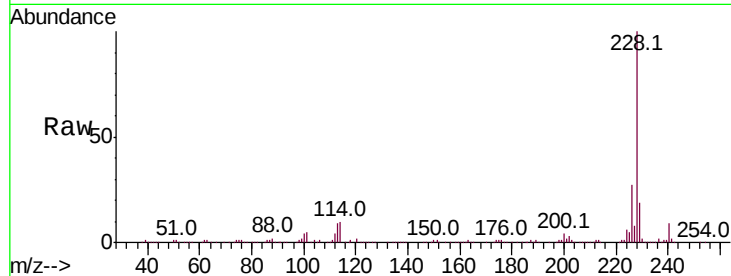
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.4	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 41.541 ng

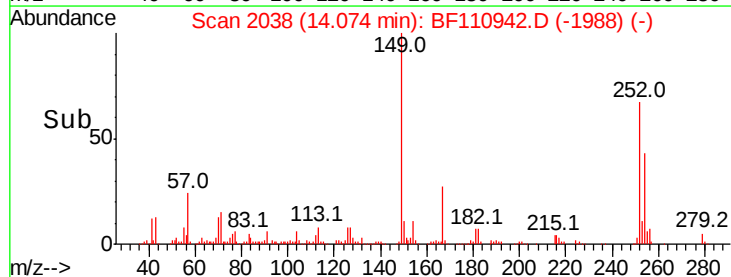
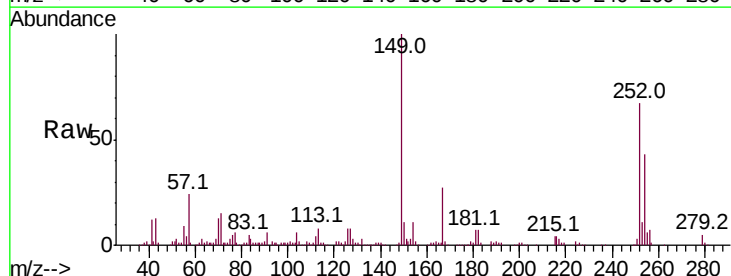
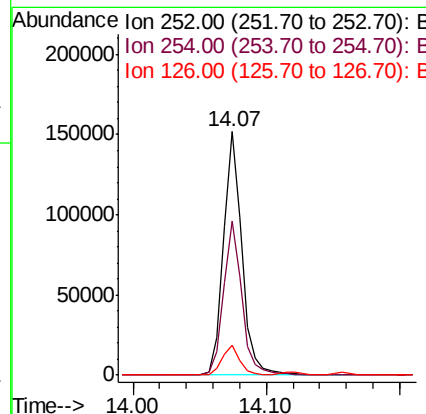
RT: 14.07 min Scan# 2038

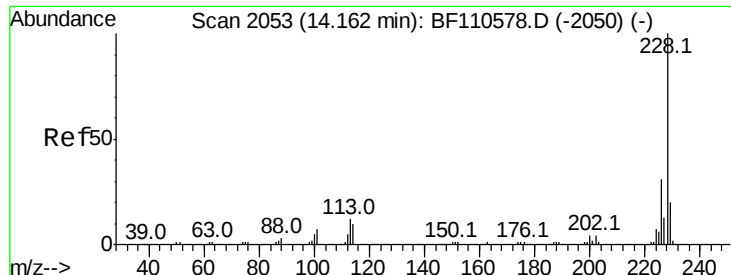
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	12.2	9.4	14.2





#83

Chrysene

Concen: 39.974 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

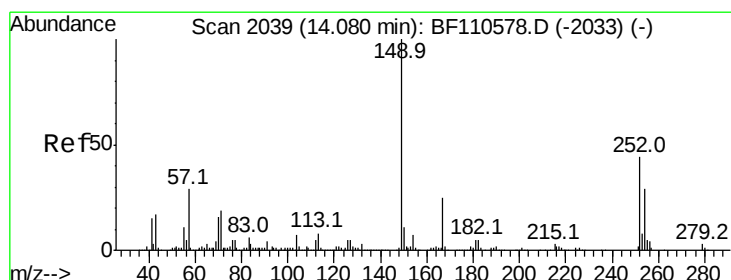
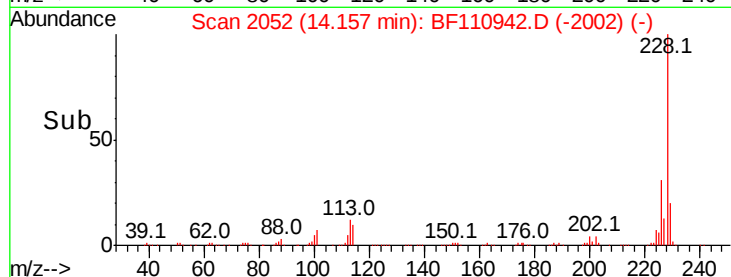
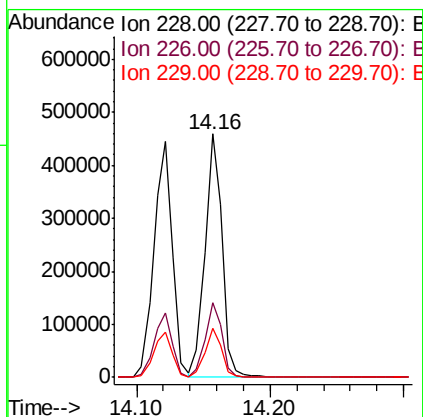
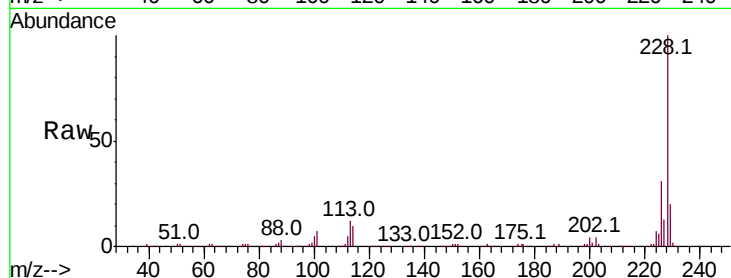
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	408468
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.7	37.1
229	20.0	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.518 ng

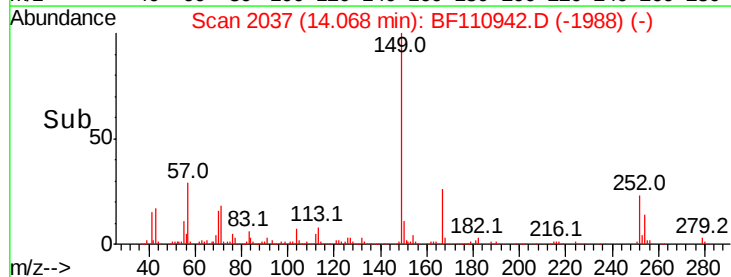
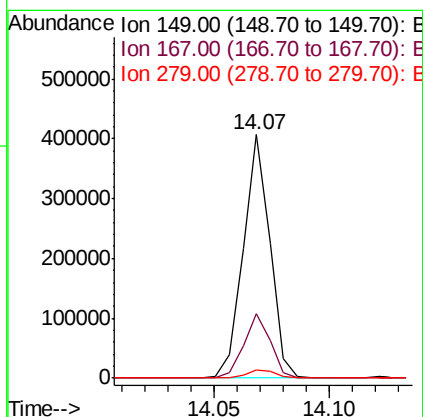
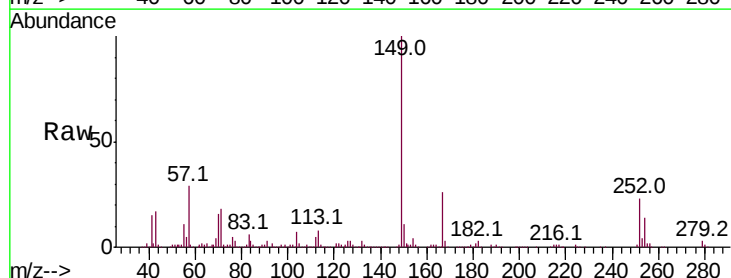
RT: 14.07 min Scan# 2037

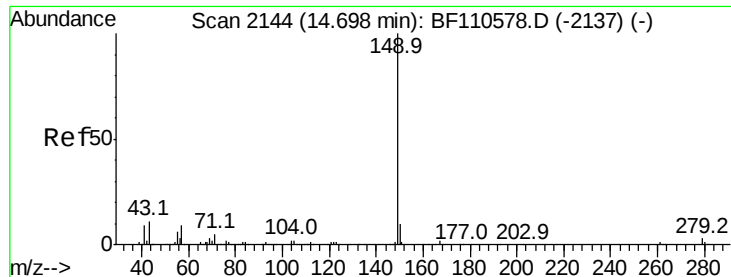
Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	149	Resp:	328429
Ion Ratio	Lower	Upper	
149	100		
167	26.3	19.8	29.8
279	3.2	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 43.611 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

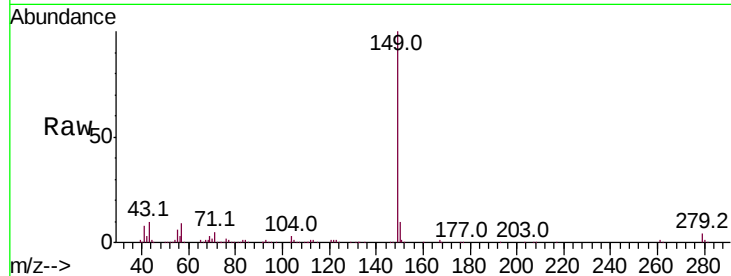
ClientSampleId :

SSTDCCC040

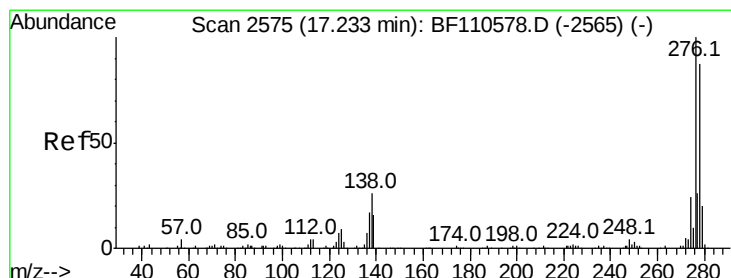
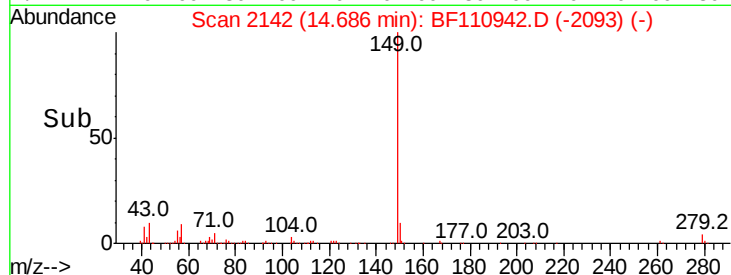
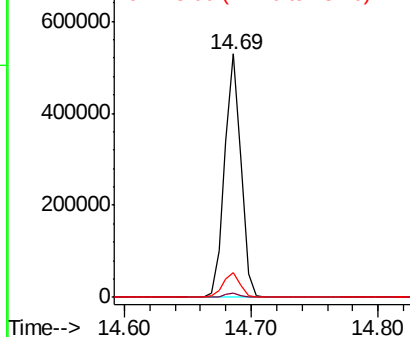
Tot Ion:	149	Resp:	473125
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

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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: 37.682 ng

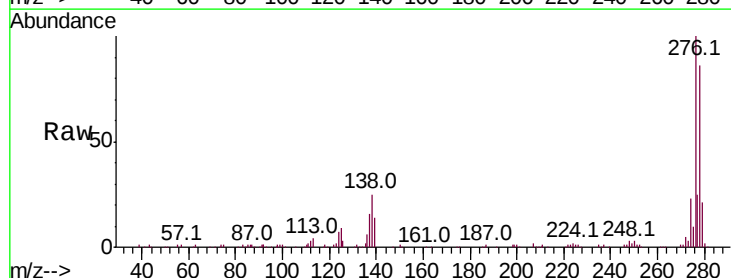
RT: 17.24 min Scan# 2577

Delta R.T. 0.01 min

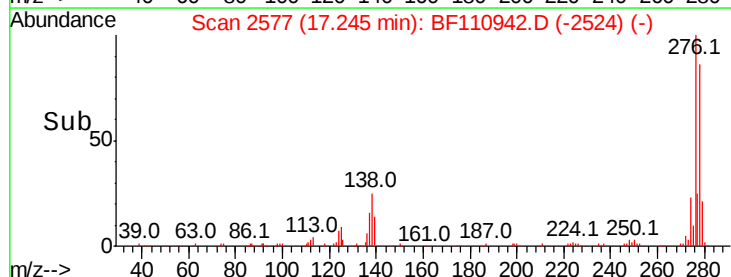
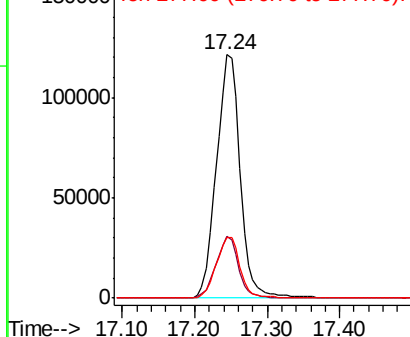
Lab File: BF110942.D

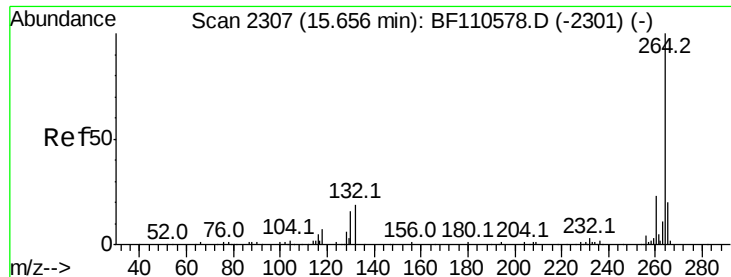
Acq: 23 Nov 2018 14:22

Tgt Ion:	276	Resp:	276308
Ion Ratio	Lower	Upper	
276	100		
138	24.1	18.5	27.7
277	25.0	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





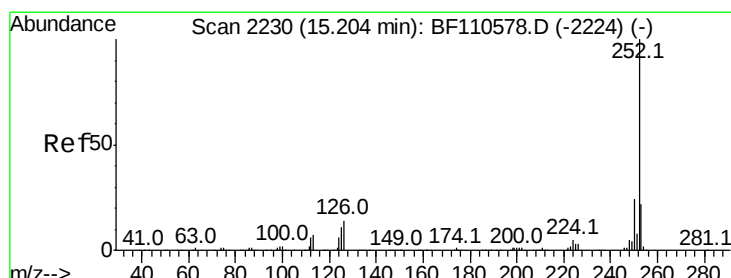
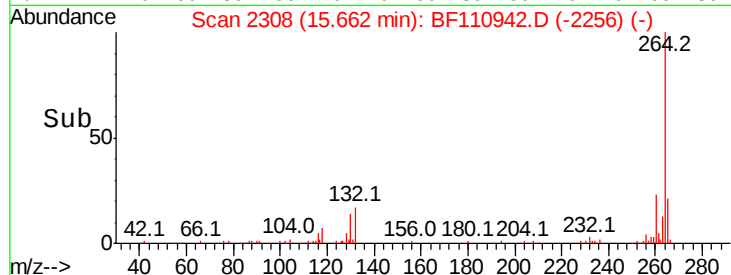
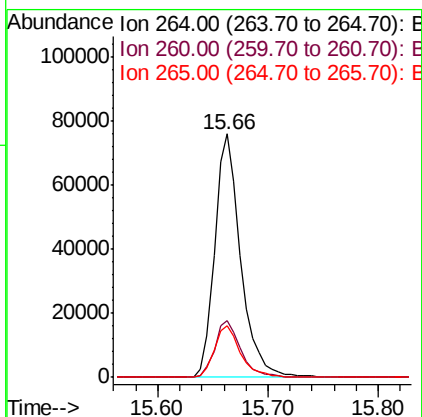
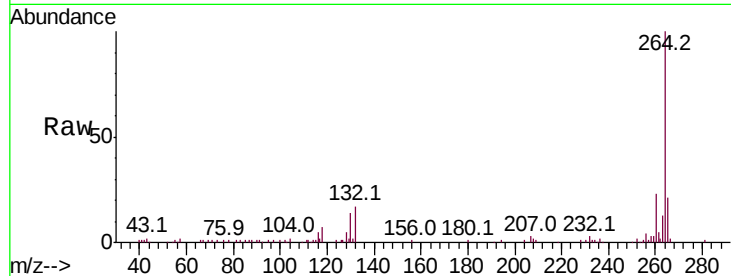
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.4	16.7	25.1

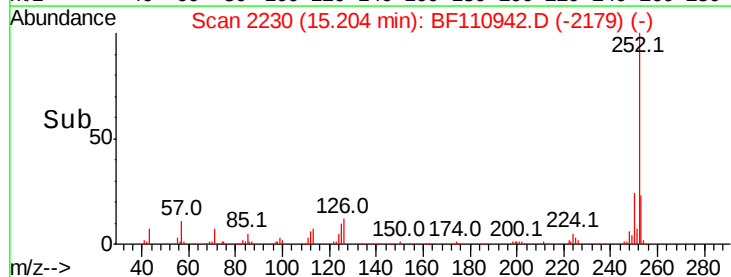
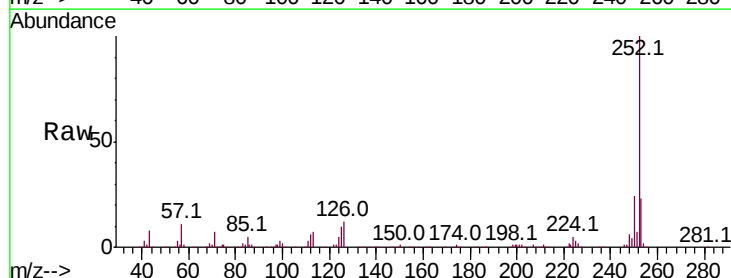
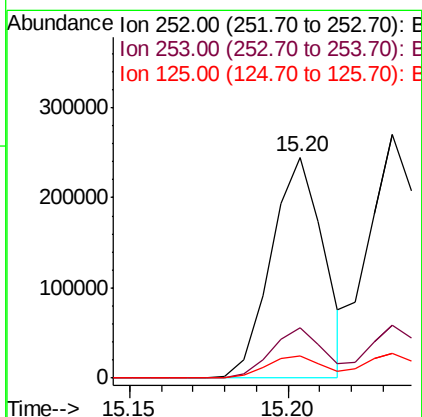
Manual Integrations
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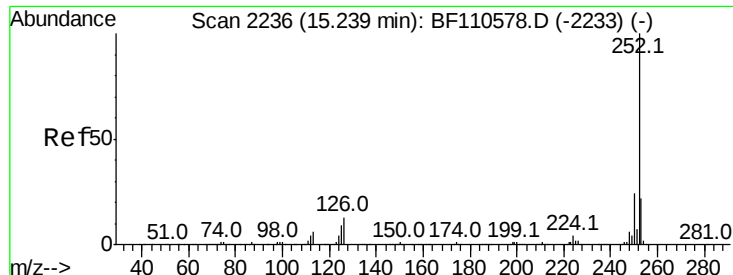
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#88
Benzo(b)fluoranthene
Concen: 38.381 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	10.3	8.2	12.4





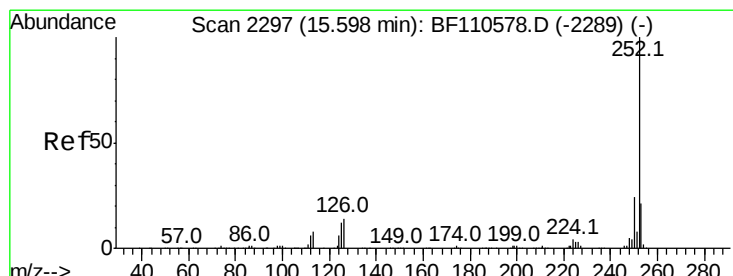
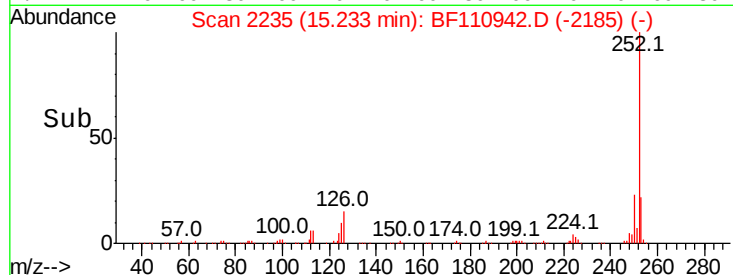
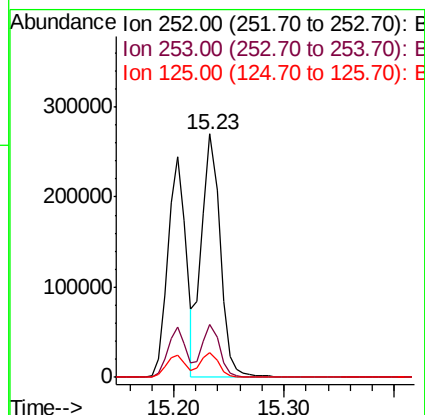
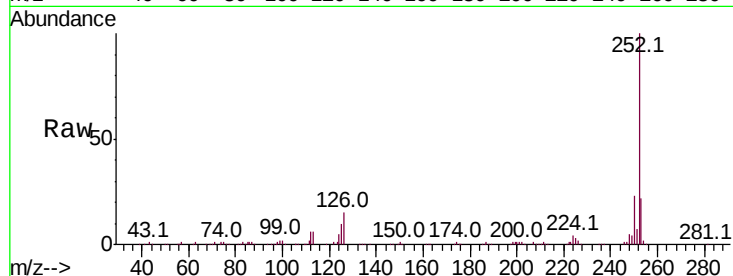
#89
Benzo(k)fluoranthene
Concen: 42.633 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.3	7.4	11.0

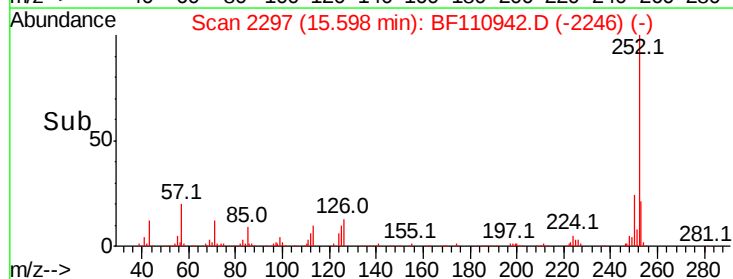
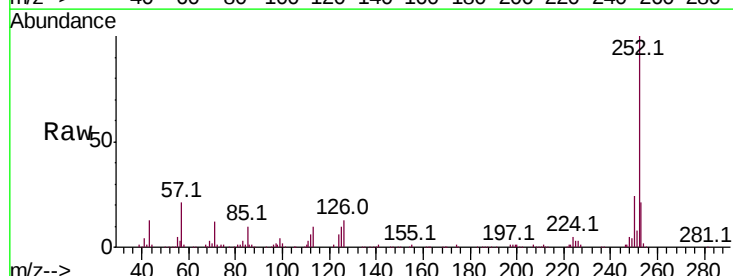
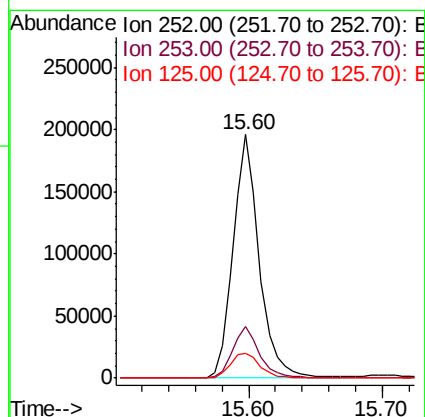
Manual Integrations
APPROVED

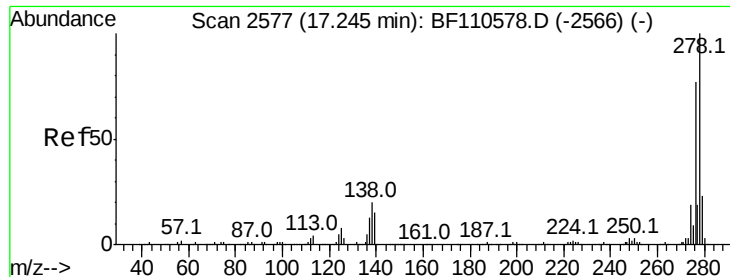
MOHAMMAD
11/26/2018 3:11:54 PM



#90
Benzo(a)pyrene
Concen: 40.114 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110942.D
Acq: 23 Nov 2018 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	10.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.607 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Instrument :

BNA_F

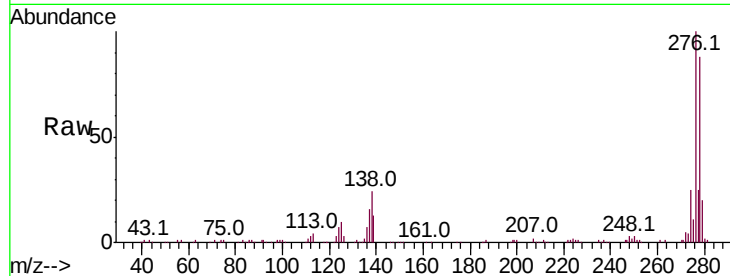
ClientSampleId :

SSTDCCC040

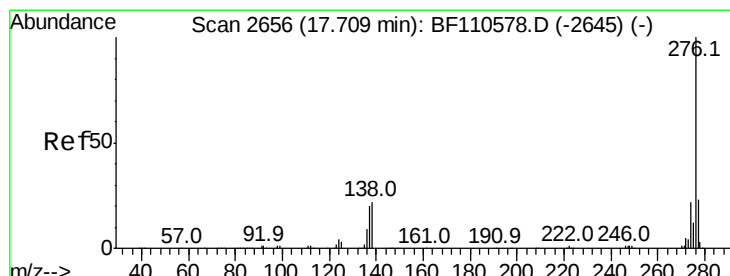
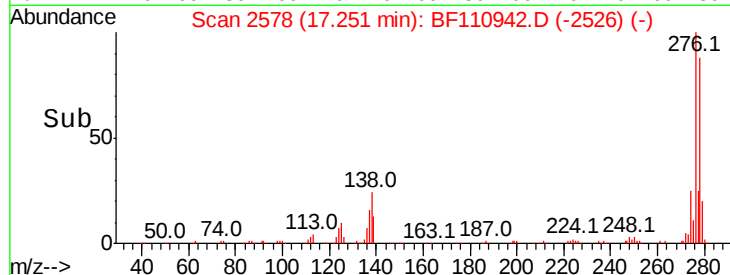
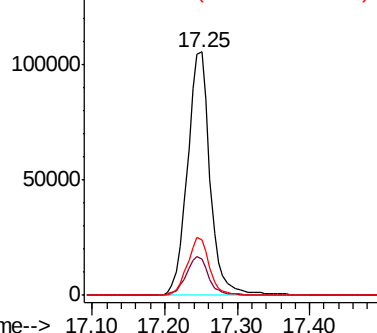
Tot Ion:	278	Resp:	229901
Ion Ratio	Lower	Upper	
278	100		
139	14.7	12.7	19.1
279	22.6	19.0	28.4

Manual Integrations
APPROVED

MOHAMMAD
11/26/2018 3:11:54 PM



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



#92

Benzo(g,h,i)perylene

Concen: 41.013 ng

RT: 17.73 min Scan# 2660

Delta R.T. 0.02 min

Lab File: BF110942.D

Acq: 23 Nov 2018 14:22

Tgt Ion:	276	Resp:	230388
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.8	28.2
138	19.0	16.0	24.0

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

