Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112533.D
Acq On : 13 Feb 2019 12:32
Operator : JU/SJ
Sample : K1343-13RE 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-G

Quant Time: Feb 14 04:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93515	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	350376	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	152440	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	256769	20.00	ng	0.00
76) Chrysene-d12	14.01	240	225309	20.00	ng	0.00
87) Perylene-d12	15.49	264	232593	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	286735	65.13	ng	-0.01
7) Phenol-d6	6.48	99	358482	58.60	ng	-0.01
23) Nitrobenzene-d5	7.40	82	221837	36.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	86373	48.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	420742	39.04	ng	-0.02
79) Terphenyl-d14	12.94	244	364415	30.46	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.61	93	196	0.027	ng	# 1
9) Benzaldehyde	6.36	77	285	0.089	ng	# 1
10) Phenol	6.50	94	4683	0.698	ng	# 23
11) bis(2-Chloroethyl)ether	6.61	93	196	0.037	ng	# 1
15) Benzyl Alcohol	6.99	79	4181	0.811	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	6.84	45	109	0.016	ng	# 1
18) Hexachloroethane	7.32	117	686	0.275	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	1064	0.252	ng	# 79
20) 3+4-Methylphenols	7.49	107	108	0.018	ng	# 1
22) Acetophenone	7.23	105	7034	0.824	ng	# 60
24) Nitrobenzene	7.40	77	1502	0.247	ng	# 50
25) Isophorone	7.73	82	6707	0.703	ng	# 59
26) 2-Nitrophenol	7.73	139	262	0.081	ng	# 1
27) 2,4-Dimethylphenol	7.90	122	114	0.025	ng	# 6
28) bis(2-Chloroethoxy)methane	7.87	93	1234	0.190	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	440	0.088	ng	# 33
31) Naphthalene	8.14	128	12671	0.773	ng	# 88
32) Benzoic acid	7.90	122	114	0.045	ng	# 11
33) 4-Chloroaniline	8.20	127	155	0.022	ng	# 1
35) Caprolactam	8.57	113	793	0.449	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	222	0.042	ng	# 17
37) 2-Methylnaphthalene	8.83	142	16530	1.474	ng	97
38) 1-Methylnaphthalene	8.93	142	12849	1.195	ng	# 86
43) 2,4,6-Trichlorophenol	9.14	196	145	0.047	ng	# 12
44) 2,4,5-Trichlorophenol	9.14	196	145	0.045	ng	# 1
46) 1,1'-Biphenyl	9.29	154	6495	0.487	ng	97
47) 2-Chloronaphthalene	9.35	162	107	0.010	ng	# 1
48) 2-Nitroaniline	9.45	65	1589	0.564	ng	# 29
49) Acenaphthylene	9.74	152	4683	0.309	ng	# 71
50) Dimethylphthalate	9.59	163	34653	2.926	ng	# 98
51) 2,6-Dinitrotoluene	9.71	165	809	0.305	ng	# 56
52) Acenaphthene	9.90	154	5152	0.569	ng	# 86
53) 3-Nitroaniline	9.81	138	245	0.085	ng	# 77
54) 2,4-Dinitrophenol	10.12	184	157	0.184	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112533.D
Acq On : 13 Feb 2019 12:32
Operator : JU/SJ
Sample : K1343-13RE 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-G

Quant Time: Feb 14 04:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Dibenzofuran	10.08	168	3972	0.287	ng	#	28
56) 4-Nitrophenol	9.97	139	1903	1.253	ng	#	29
57) 2,4-Dinitrotoluene	10.07	165	1031	0.305	ng	#	70
58) Fluorene	10.42	166	7921	0.765	ng	#	92
59) 2,3,4,6-Tetrachlorophenol	10.42	232	154	0.063	ng	#	1
60) Diethylphthalate	10.28	149	1132	0.096	ng	#	49
61) 4-Chlorophenyl-phenylether	10.41	204	108	0.019	ng	#	1
62) 4-Nitroaniline	10.48	138	214	0.076	ng		81
63) Azobenzene	10.57	77	996	0.096	ng	#	2
65) 4,6-Dinitro-2-methylphenol	10.66	198	123	0.085	ng	#	1
66) n-Nitrosodiphenylamine	10.56	169	2428	0.281	ng	#	38
67) 4-Bromophenyl-phenylether	10.67	248	5109	1.692	ng	#	1
69) Atrazine	11.23	200	1520	0.544	ng		79
71) Phenanthrene	11.39	178	66871	5.009	ng		98
72) Anthracene	11.39	178	66871	5.029	ng		99
73) Carbazole	11.60	167	5976	0.456	ng	#	53
74) Di-n-butylphthalate	11.91	149	2355	0.145	ng	#	42
75) Fluoranthene	12.58	202	93476	6.529	ng		98
77) Benzidine	12.67	184	240	0.039	ng	#	1
78) Pyrene	12.82	202	90123	5.777	ng		95
80) Butylbenzylphthalate	13.43	149	205	0.027	ng	#	1
81) Benzo(a)anthracene	14.00	228	43684	3.298	ng		97
82) 3,3'-Dichlorobenzidine	13.97	252	504	0.102	ng	#	55
83) Chrysene	14.00	228	43684	3.455	ng		94
84) Bis(2-ethylhexyl)phthalate	13.97	149	3306	0.309	ng	#	83
85) Di-n-octyl phthalate	14.59	149	954	0.058	ng	#	77
86) Indeno(1,2,3-cd)pyrene	17.00	276	19803	1.977	ng		96
88) Benzo(b)fluoranthene	15.06	252	71125	5.113	ng	#	78
89) Benzo(k)fluoranthene	15.06	252	71125	5.338	ng	#	78
90) Benzo(a)pyrene	15.43	252	38303	3.060	ng	#	85
91) Dibenzo(a,h)anthracene	17.00	278	5415	0.537	ng	#	1
92) Benzo(g,h,i)perylene	17.46	276	19638	2.063	ng	#	83

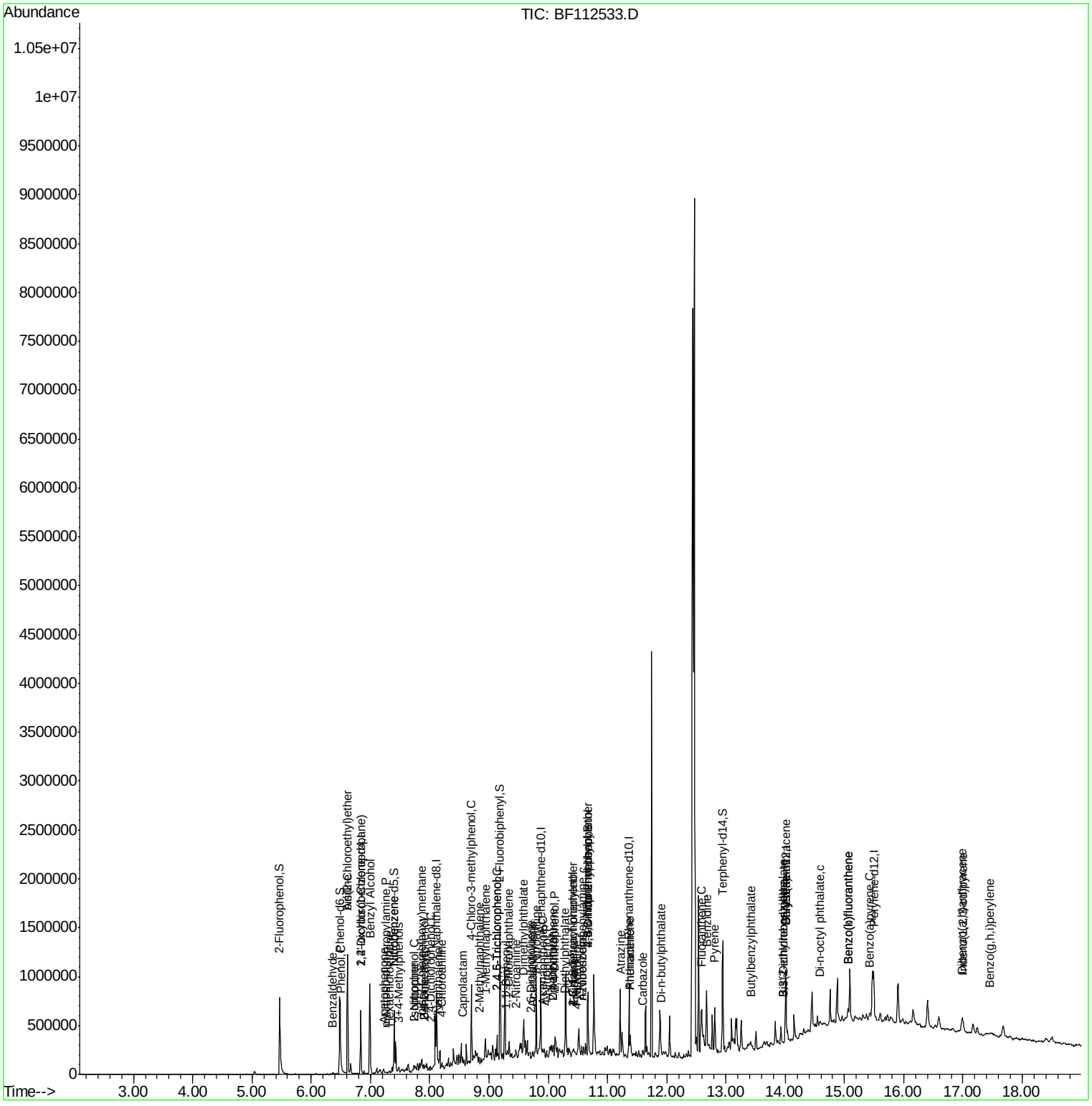
(#) = qualifier out of range (m) = manual integration (+) = signals summed

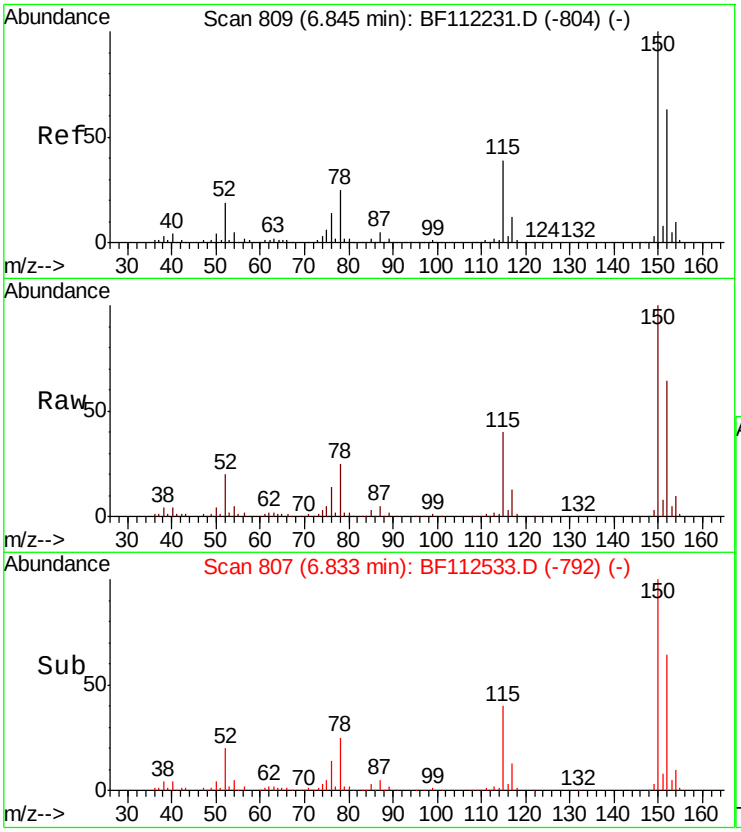
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112533.D
Acq On : 13 Feb 2019 12:32
Operator : JU/SJ
Sample : K1343-13RE 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Quant Time: Feb 14 04:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



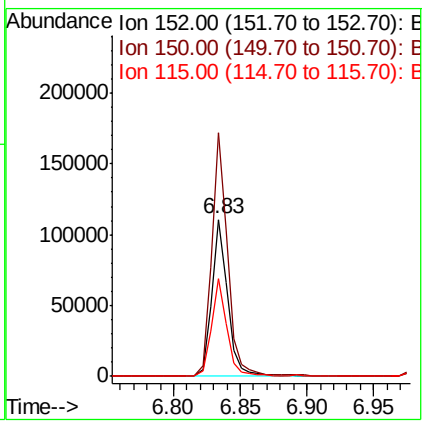


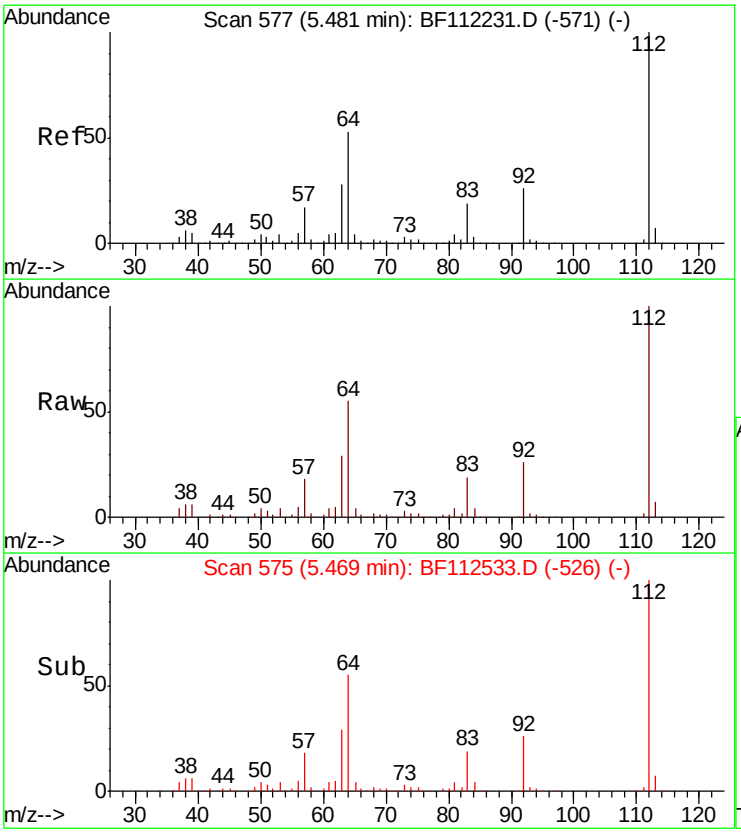
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:152 Resp: 93515

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	62.2	45.5	68.3

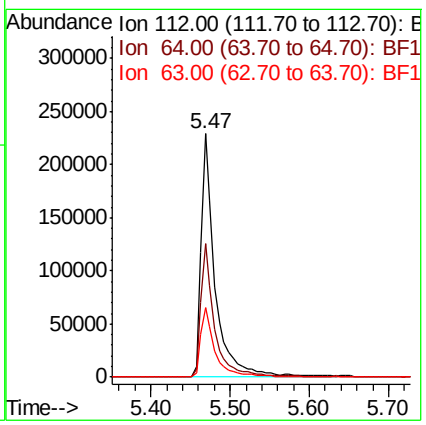


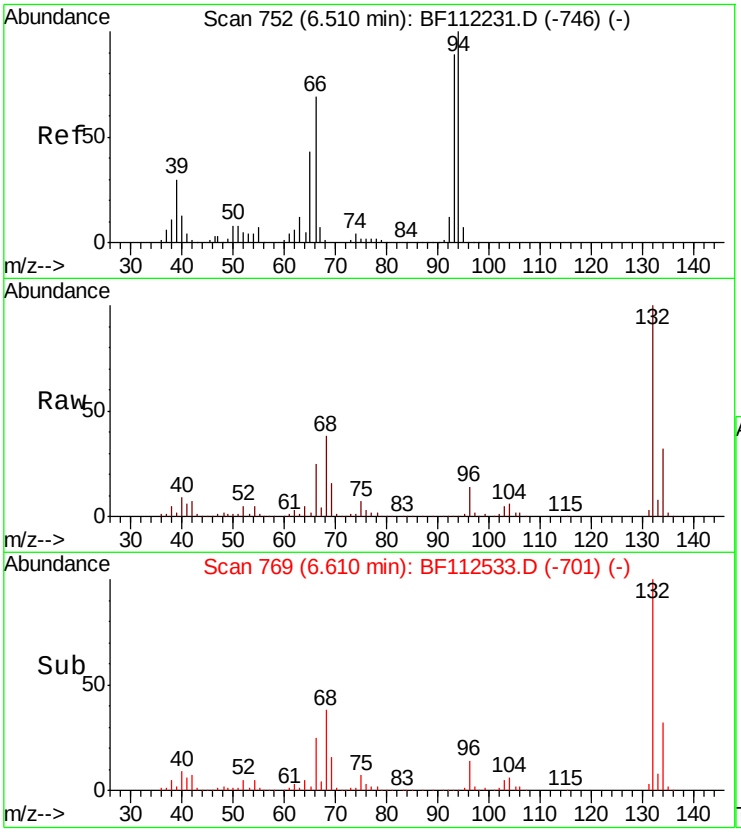


#5
2-Fluorophenol
Concen: 65.128 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:112 Resp: 286735

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.7	68.5
63	28.6	23.6	35.4



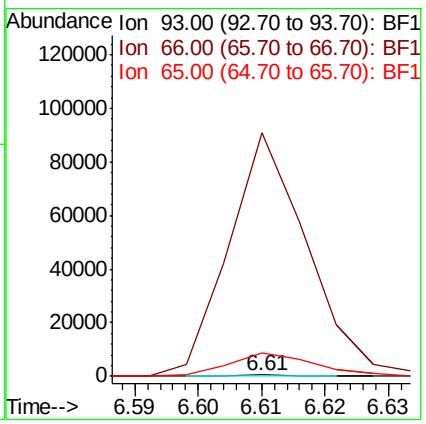


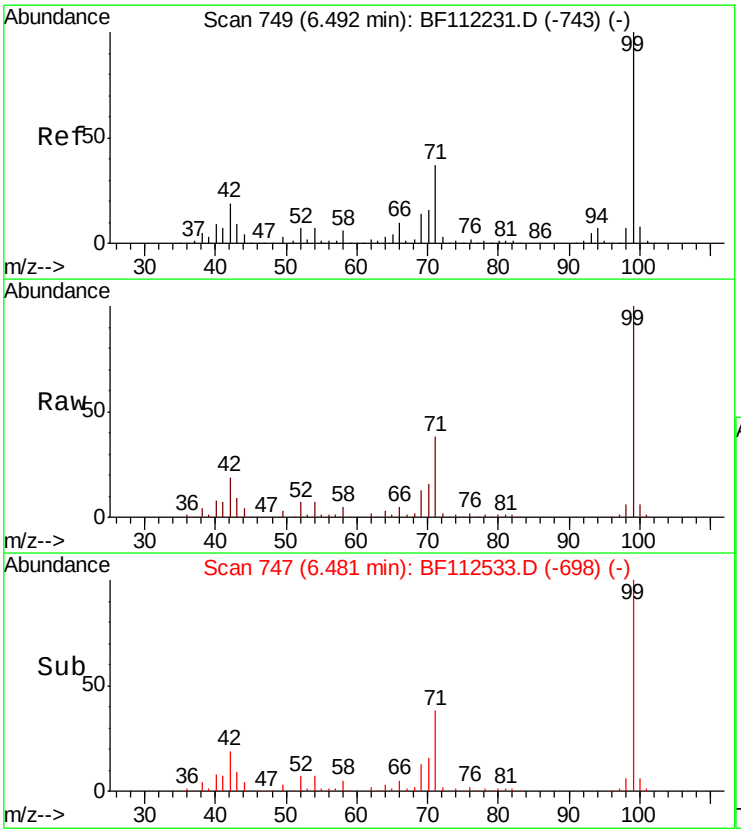
#6
Aniline
Concen: 0.027 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.10 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 93 Resp: 196

Ion	Ratio	Lower	Upper
93	100		
66	16367.6	43.4	65.2#
65	1599.3	25.3	37.9#

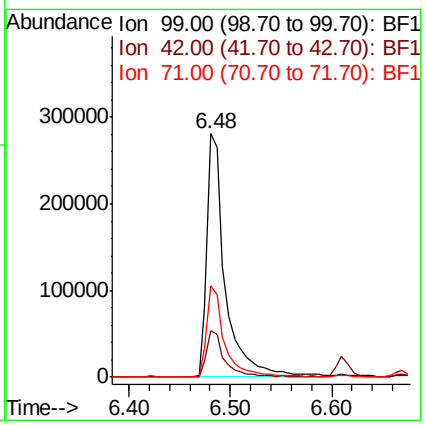


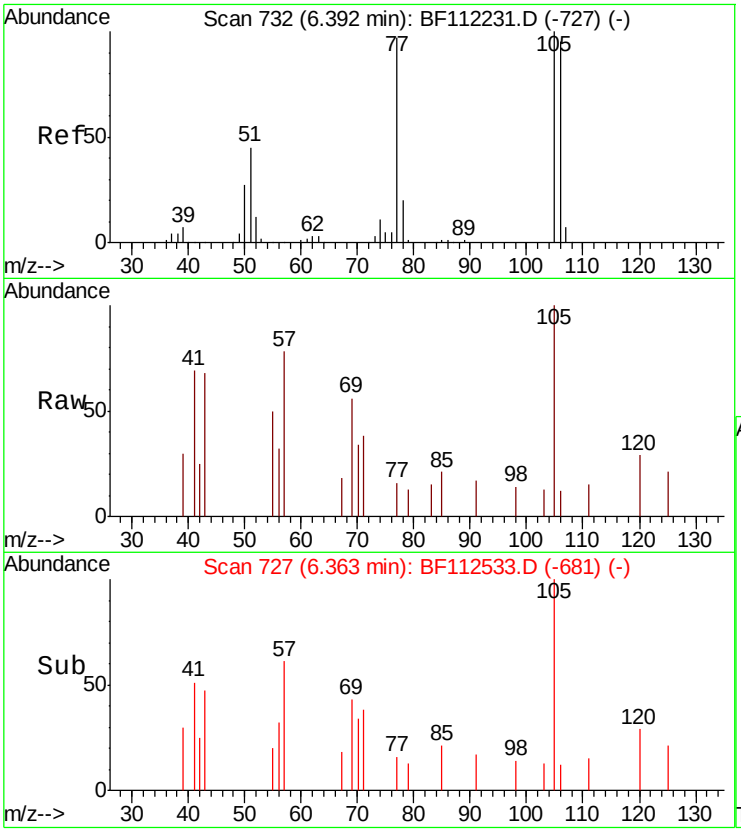


#7
Phenol-d6
Concen: 58.598 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion: 99 Resp: 358482

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.6	26.9	40.3



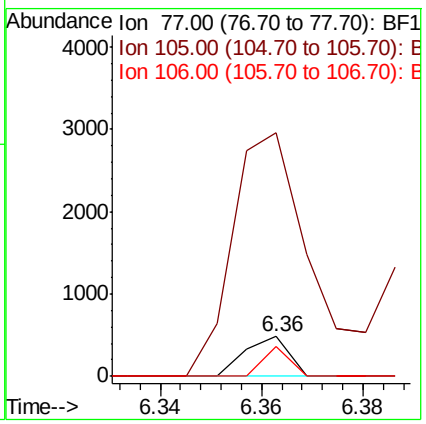


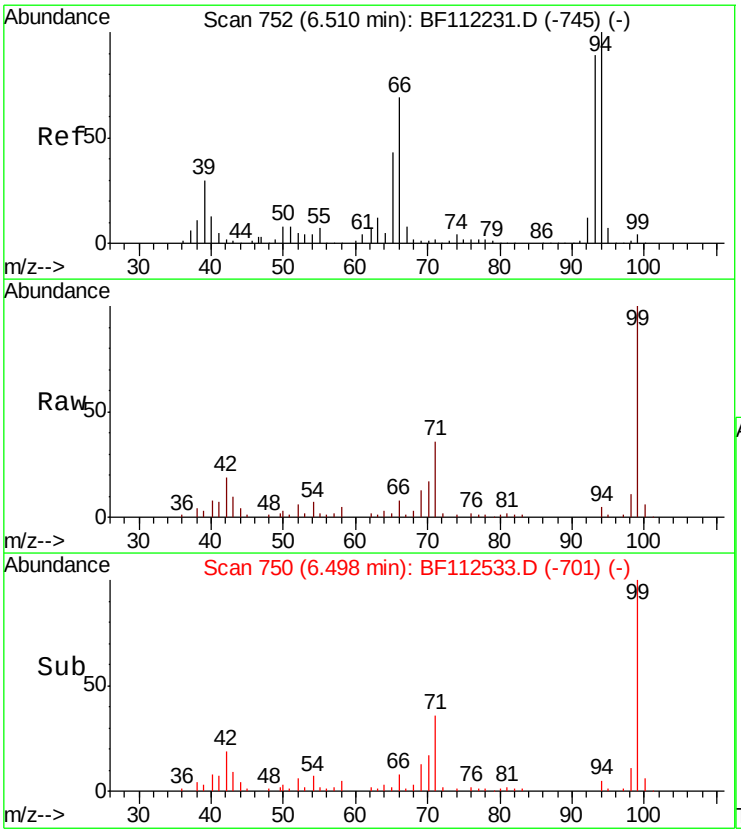
#9
Benzaldehyde
Concen: 0.089 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 77 Resp: 285

Ion	Ratio	Lower	Upper
77	100		
105	615.0	80.8	120.8#
106	75.1	75.7	115.7#

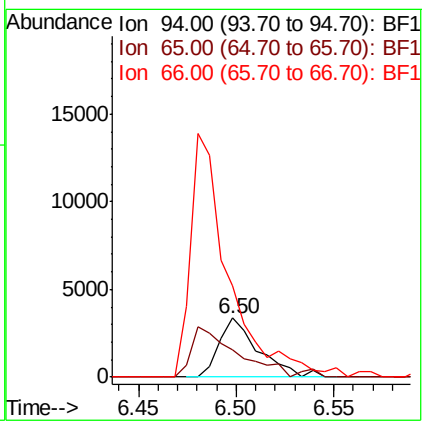


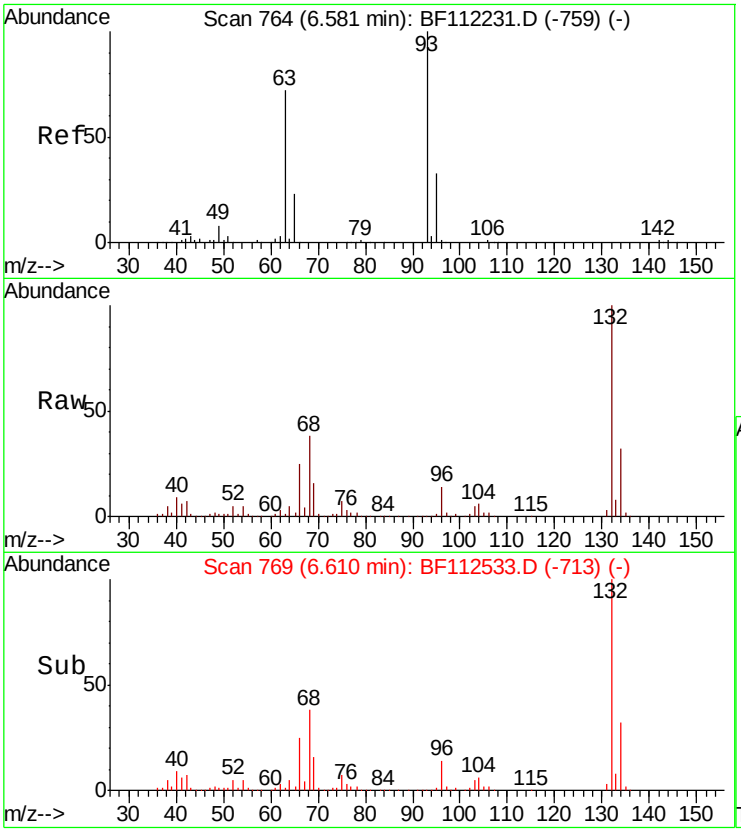


#10
Phenol
Concen: 0.698 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion: 94 Resp: 4683

Ion	Ratio	Lower	Upper
94	100		
65	46.6	20.3	60.3
66	155.3	42.4	82.4#



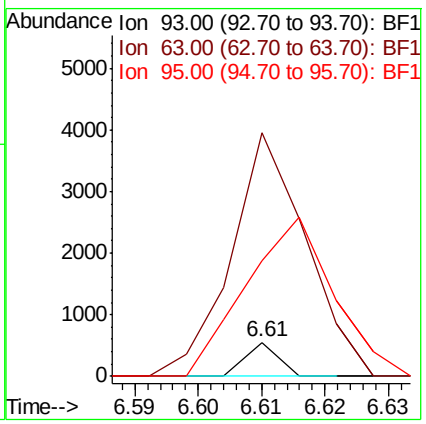


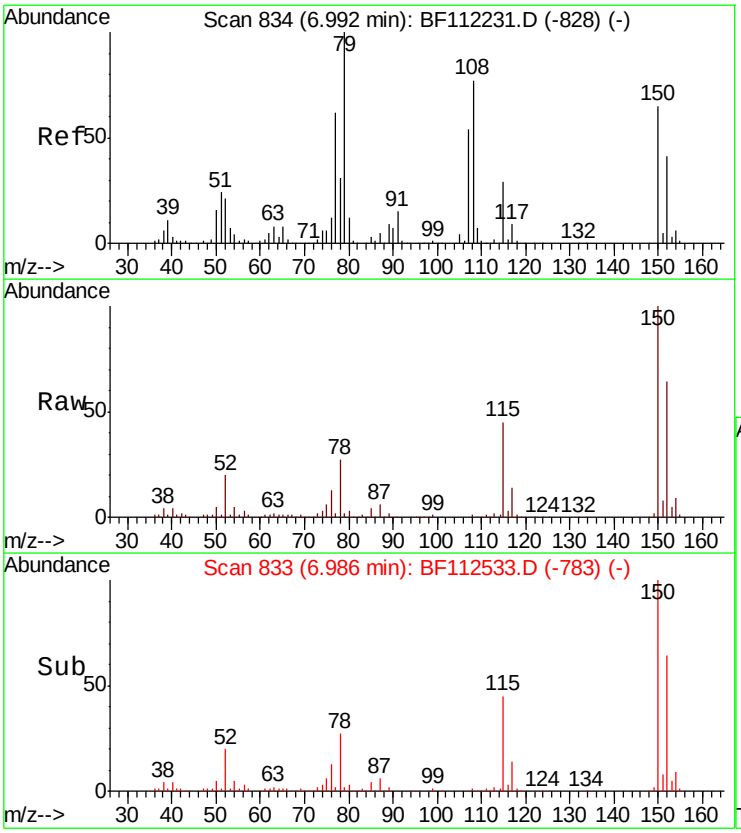
#11
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.03 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 93 Resp: 196

Ion	Ratio	Lower	Upper
93	100		
63	712.1	53.3	93.3#
95	337.8	13.4	53.4#

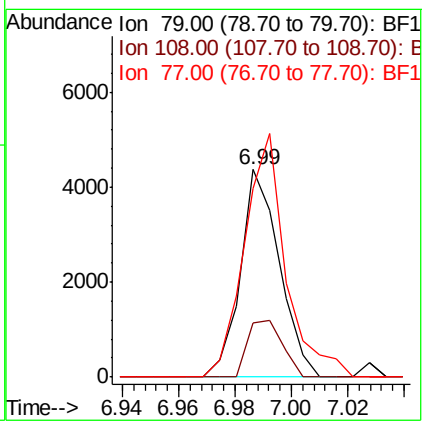


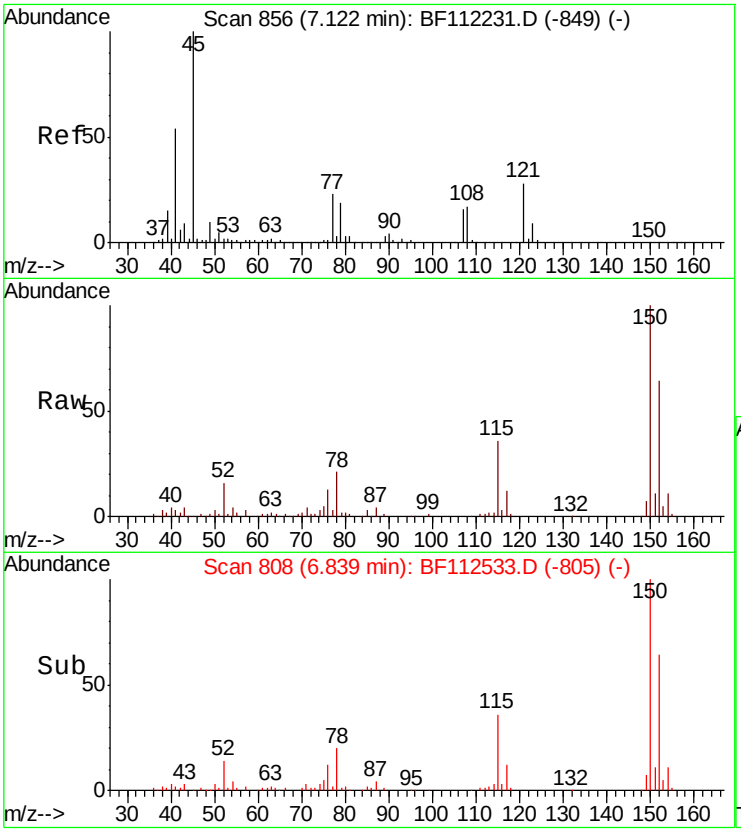


#15
Benzyl Alcohol
Concen: 0.811 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion: 79 Resp: 4181

Ion	Ratio	Lower	Upper
79	100		
108	26.2	64.2	96.2#
77	91.0	50.3	75.5#



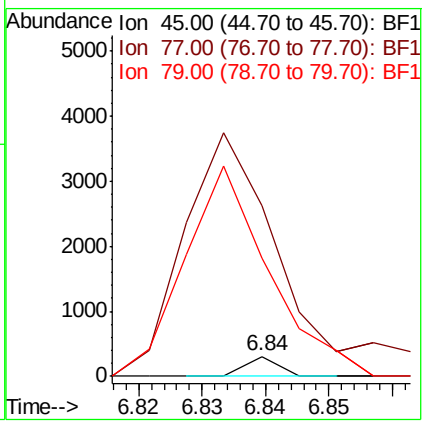


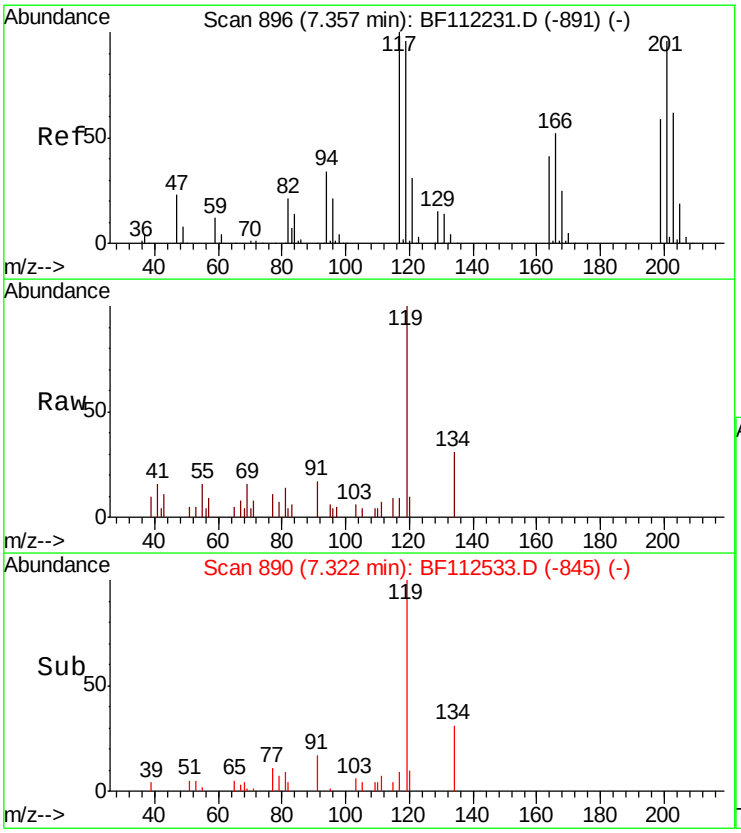
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.016 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.28 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 45 Resp: 109

Ion	Ratio	Lower	Upper
45	100		
77	848.1	0.0	36.9#
79	587.4	0.0	34.0#

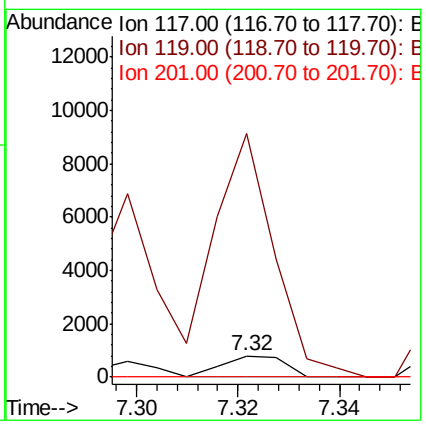


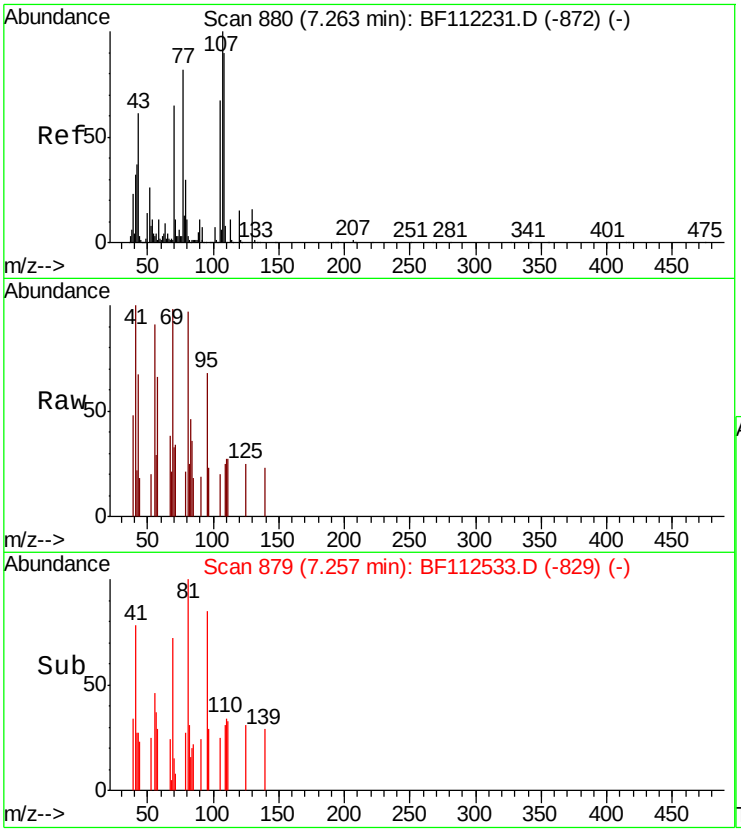


#18
Hexachloroethane
Concen: 0.275 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:117 Resp: 686

Ion	Ratio	Lower	Upper
117	100		
119	1148.1	77.0	115.4#
201	0.0	74.1	111.1#



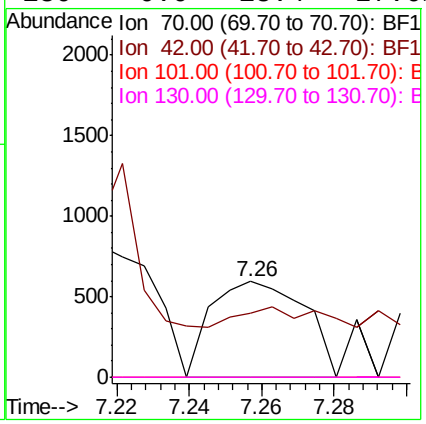


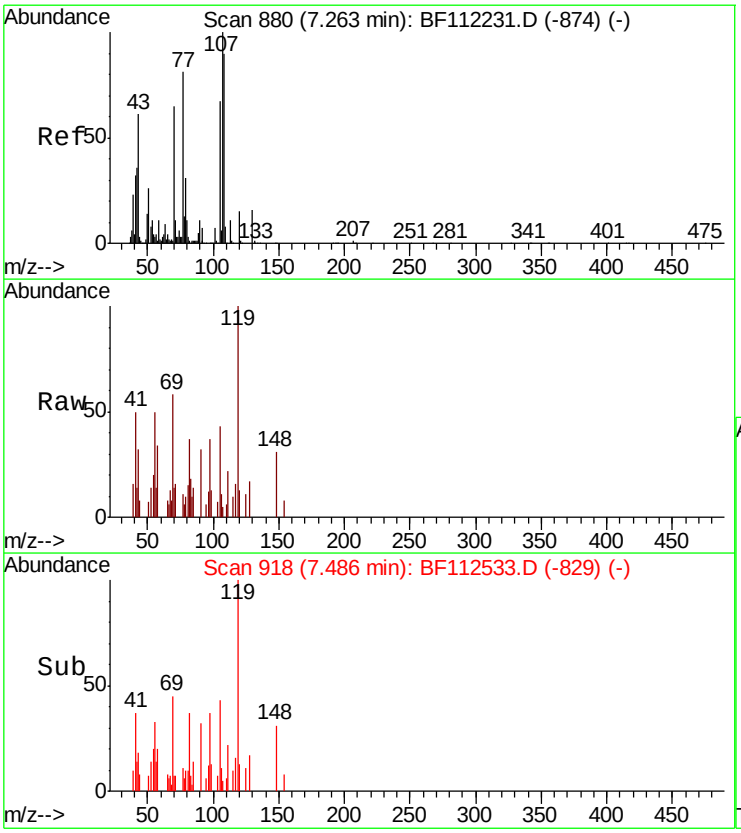
#19
n-Nitroso-di-n-propylamine
Concen: 0.252 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 70 Resp: 1064

Ion	Ratio	Lower	Upper
70	100		
42	66.4	47.6	71.4
101	0.0	7.9	11.9#
130	0.0	18.4	27.6#

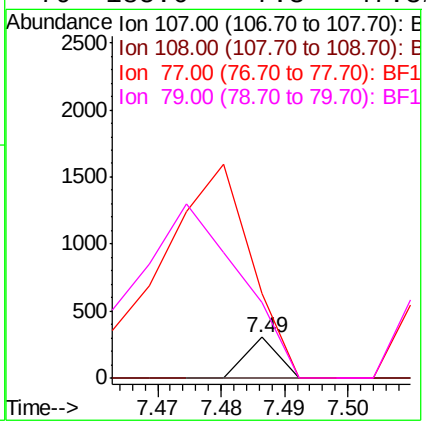


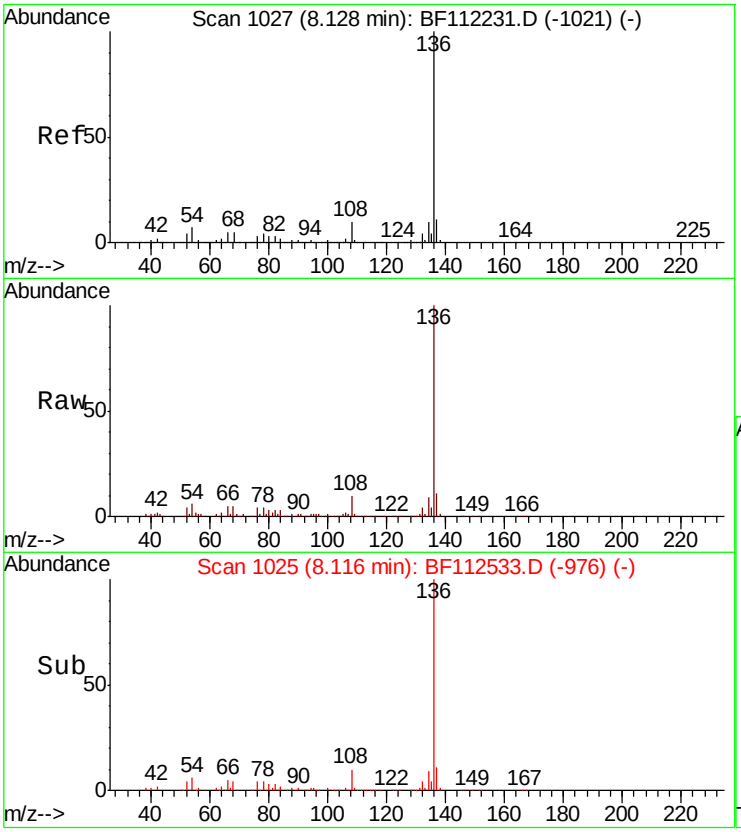


#20
3+4-Methylphenols
Concen: 0.018 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.22 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	207.5	100.7	140.7#
79	185.6	7.3	47.3#



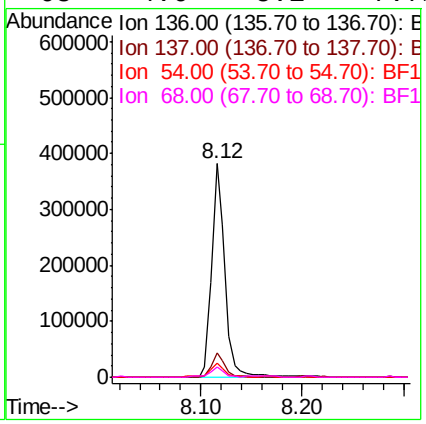


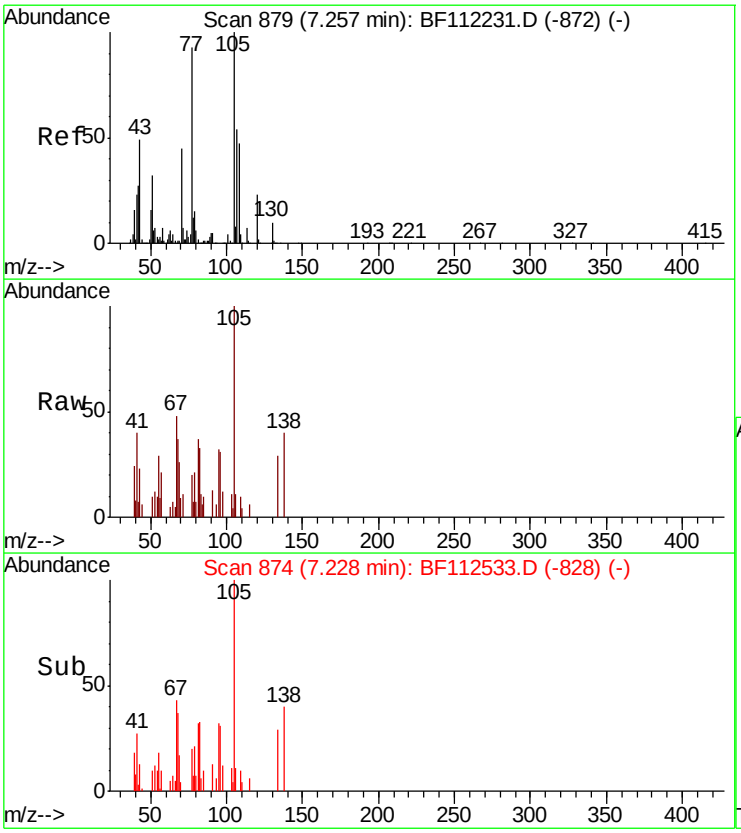
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:136 Resp: 350376

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.3	5.9	8.9
68	4.6	5.1	7.7#

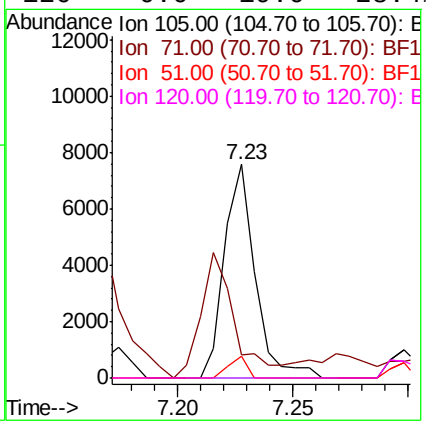


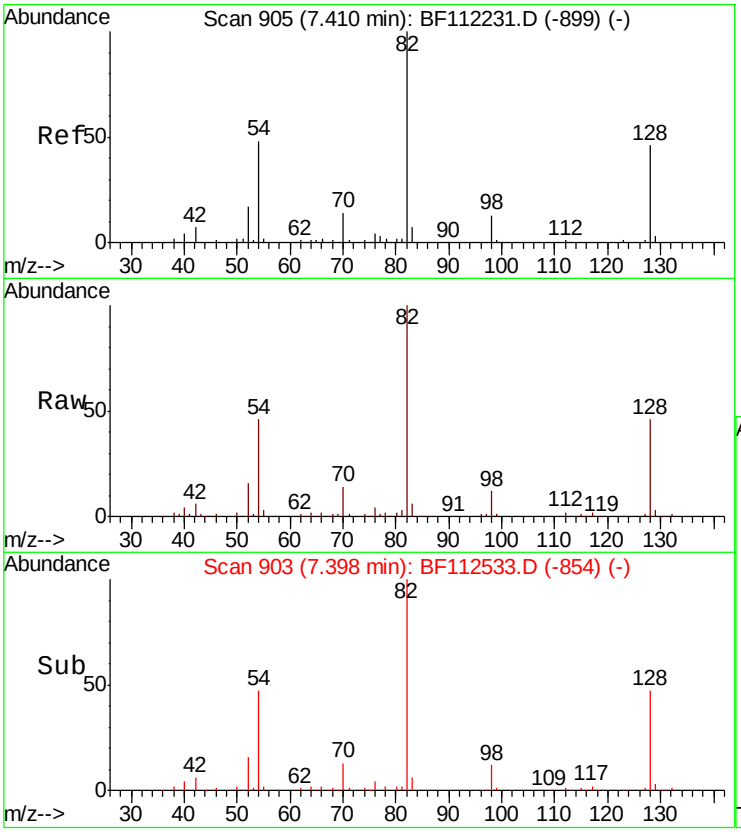


#22
Acetophenone
Concen: 0.824 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:105 Resp: 7034

Ion	Ratio	Lower	Upper
105	100		
71	10.9	4.6	6.8#
51	9.9	25.0	37.6#
120	0.0	19.0	28.4#



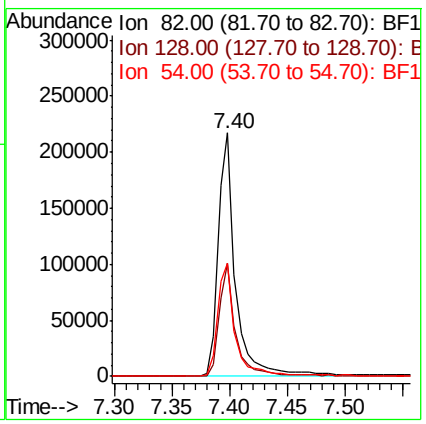


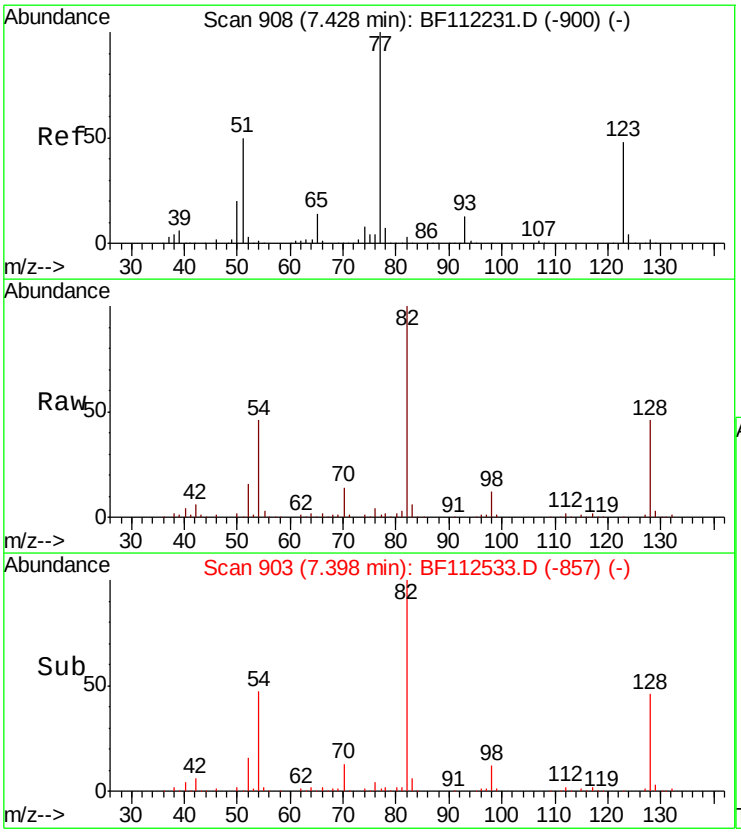
#23
Nitrobenzene-d5
Concen: 36.481 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 82 Resp: 221837

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	46.5	39.7	59.5

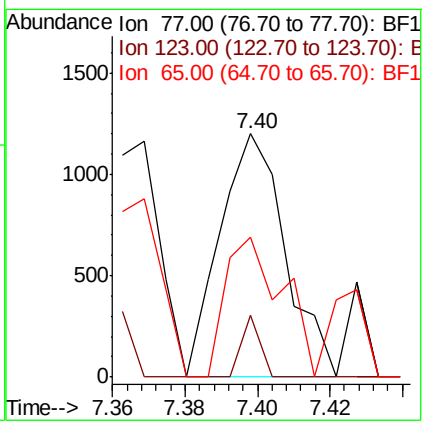


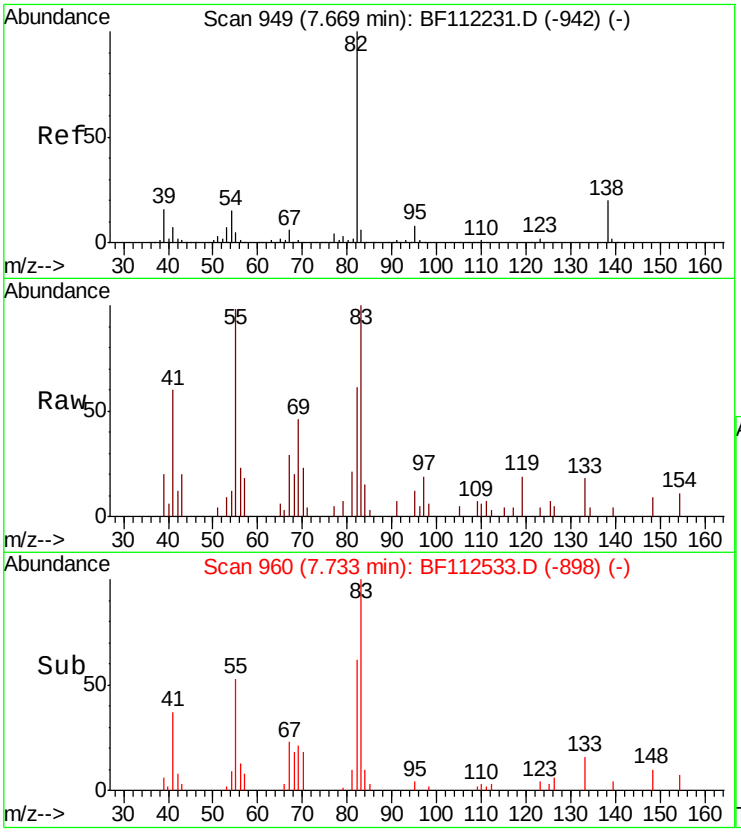


#24
Nitrobenzene
Concen: 0.247 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion: 77 Resp: 1502

Ion	Ratio	Lower	Upper
77	100		
123	25.1	38.4	57.6#
65	57.2	10.6	15.8#



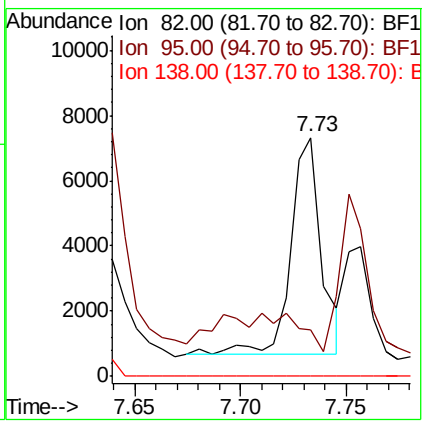


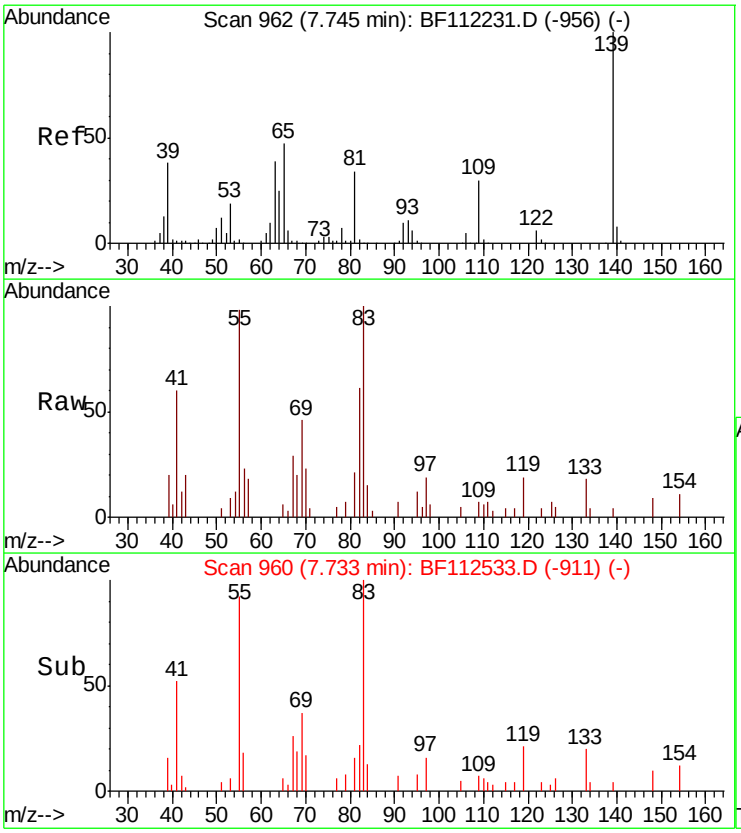
#25
Isophorone
Concen: 0.703 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.06 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 82 Resp: 6707

Ion	Ratio	Lower	Upper
82	100		
95	19.7	5.7	8.5#
138	0.0	15.4	23.0#

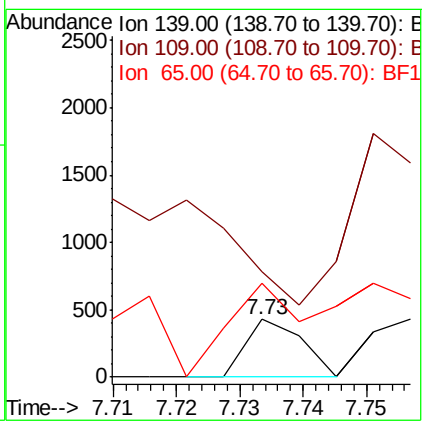


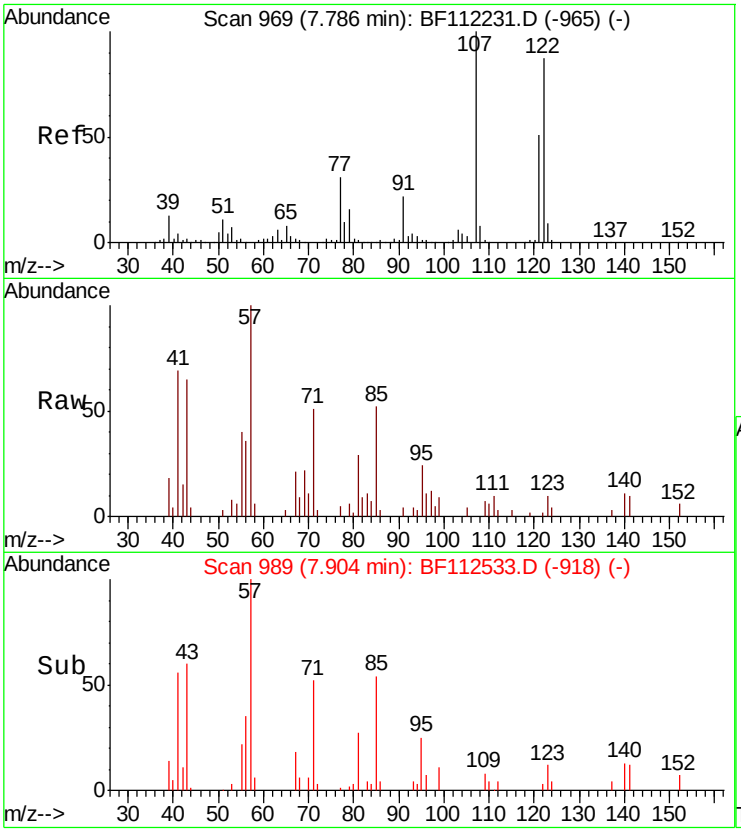


#26
2-Nitrophenol
Concen: 0.081 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:139 Resp: 262

Ion	Ratio	Lower	Upper
139	100		
109	181.8	20.8	31.2#
65	162.7	34.4	51.6#



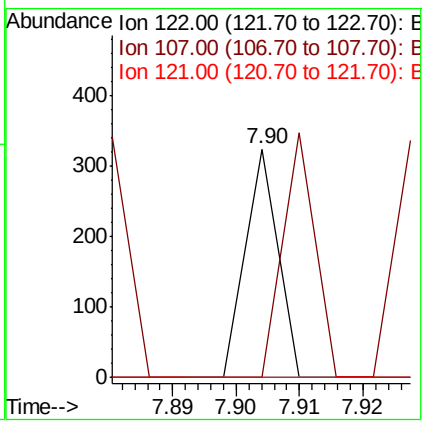


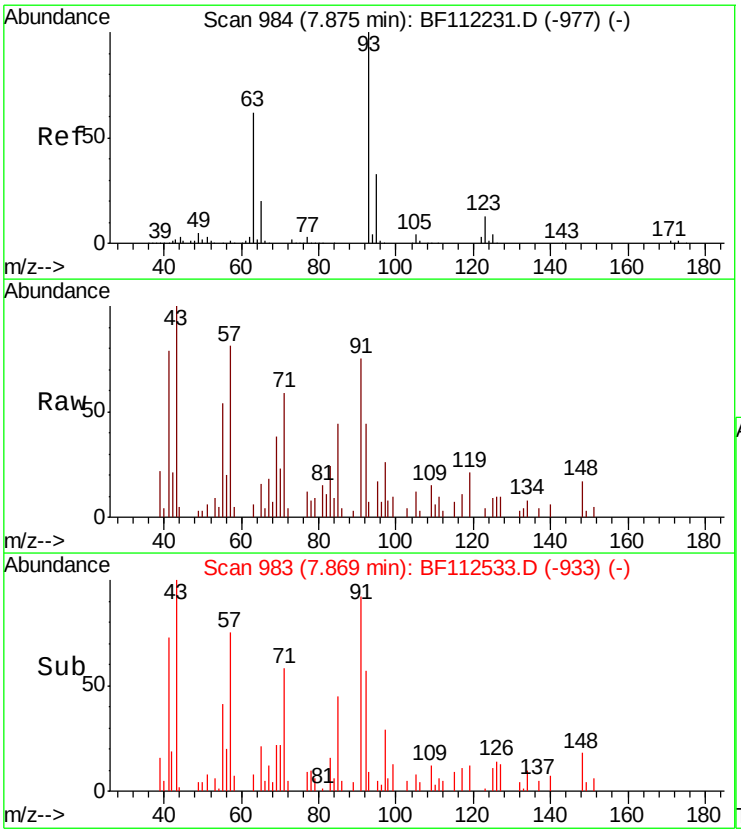
#27
2,4-Dimethylphenol
Concen: 0.025 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.12 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.4	128.0#
121	0.0	47.0	70.4#

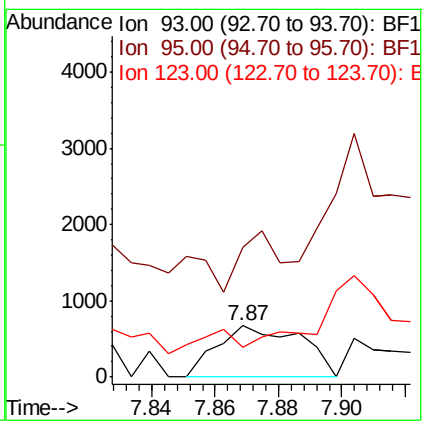


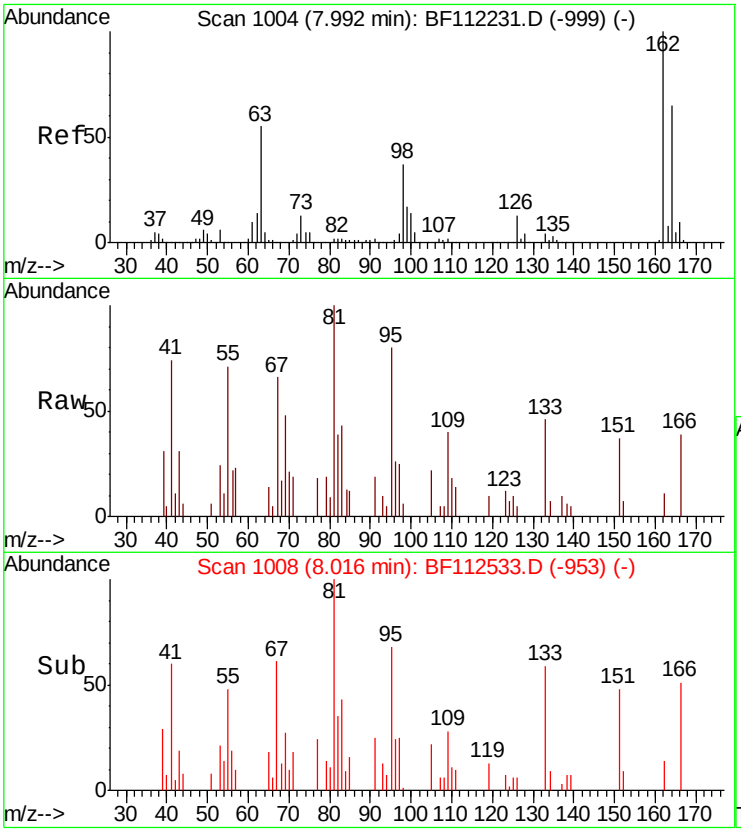


#28
bis(2-Chloroethoxy)methane
Concen: 0.190 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion: 93 Resp: 1234

Ion	Ratio	Lower	Upper
93	100		
95	251.3	26.8	40.2#
123	58.4	10.2	15.2#



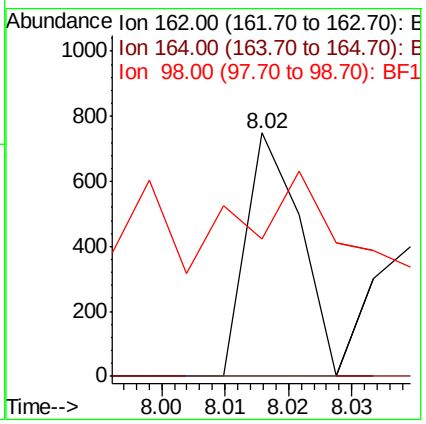


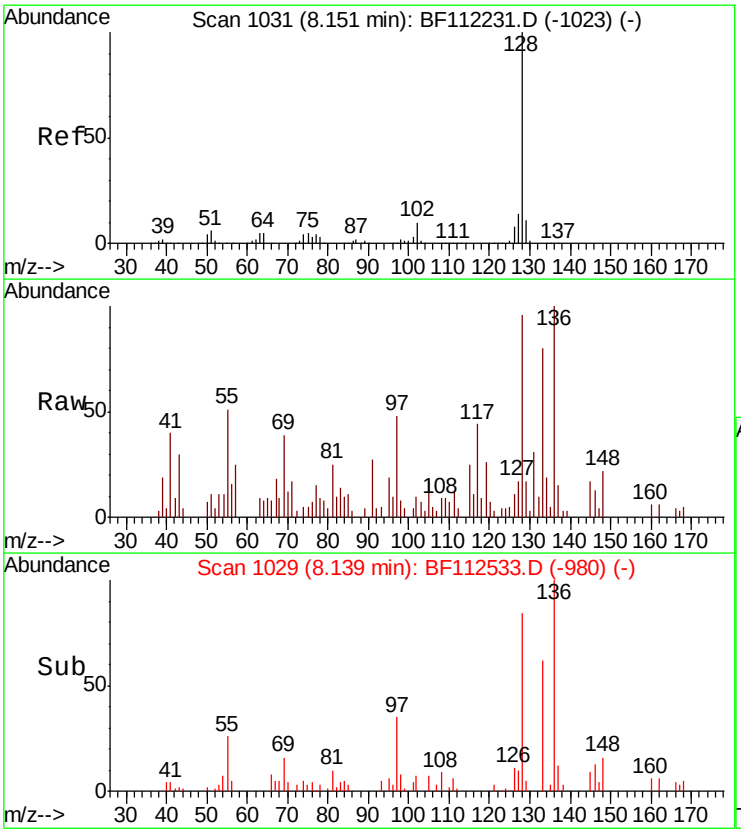
#29
2,4-Dichlorophenol
Concen: 0.088 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:162 Resp: 440

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	56.6	14.6	54.6#

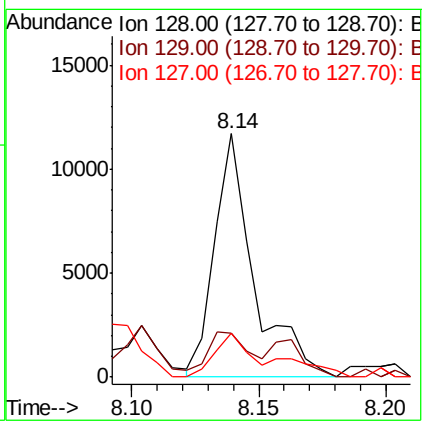


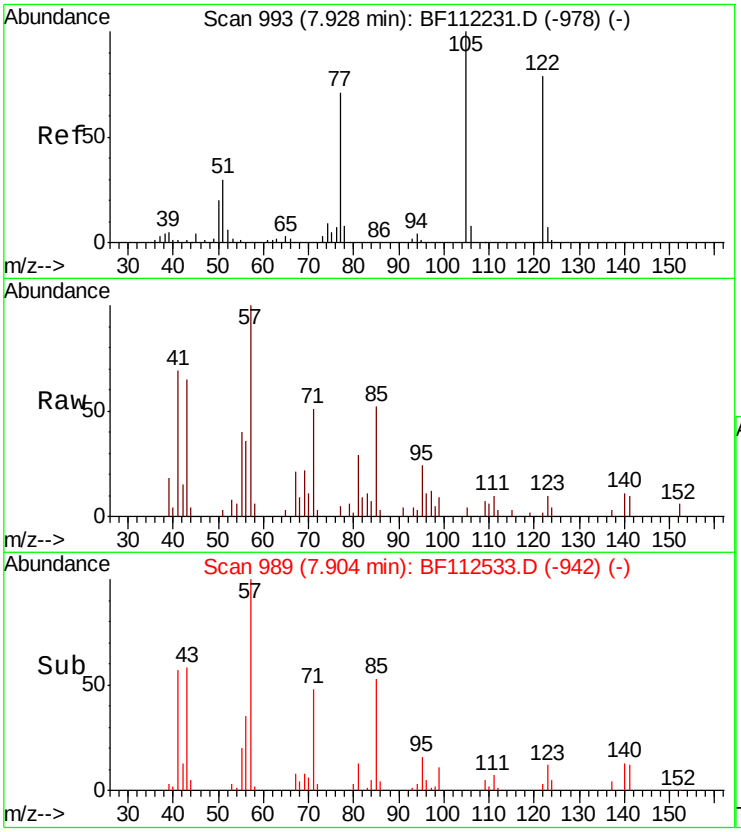


#31
Naphthalene
Concen: 0.773 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:128 Resp: 12671

Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.6	14.4#
127	18.0	11.1	16.7#



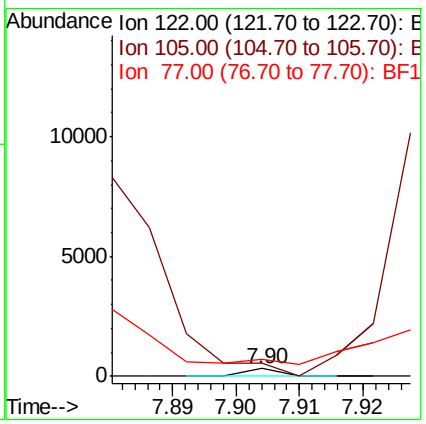


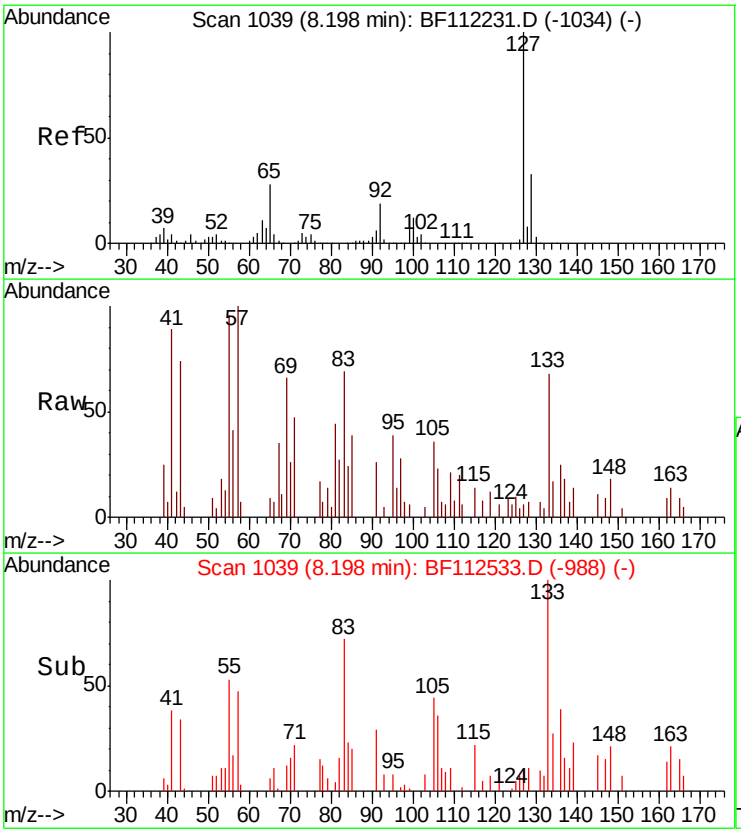
#32
Benzoic acid
Concen: 0.045 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument : BNA_F
ClientSampleId : JC-02-021119-G

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	175.0	101.2	141.2#
77	226.5	70.4	110.4#

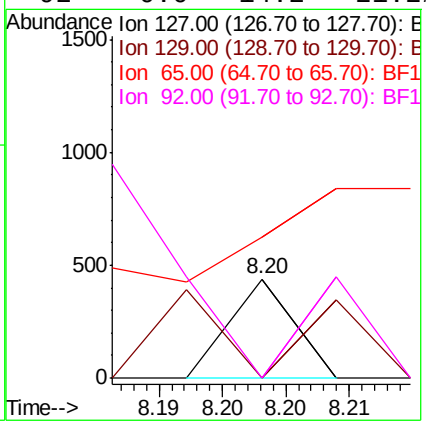


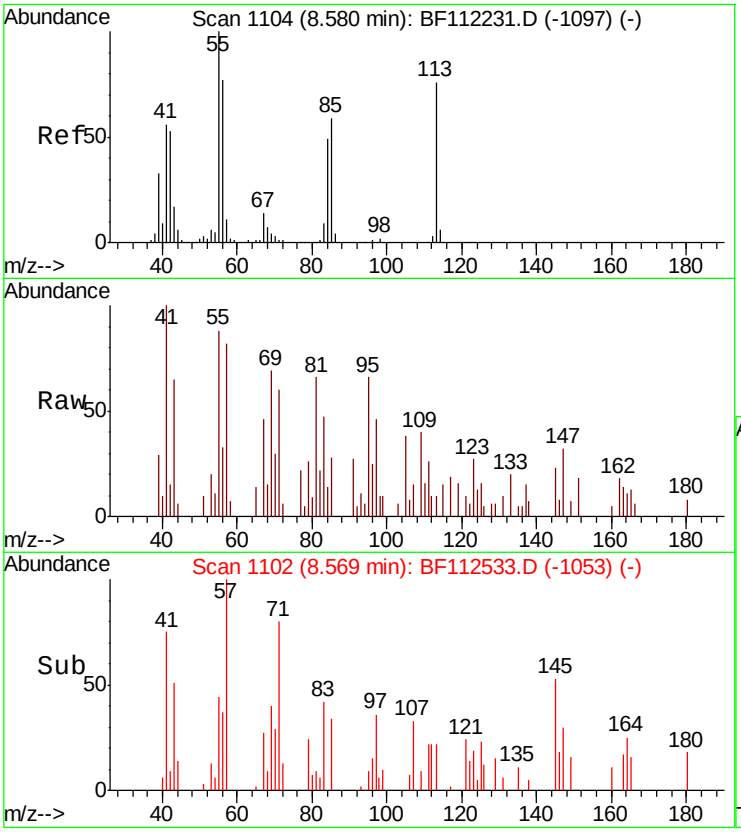


#33
4-Chloroaniline
Concen: 0.022 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:127 Resp: 155

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	39.8#
65	142.9	21.4	32.2#
92	0.0	14.2	21.2#



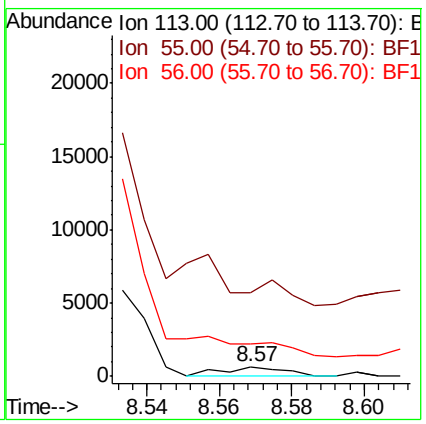


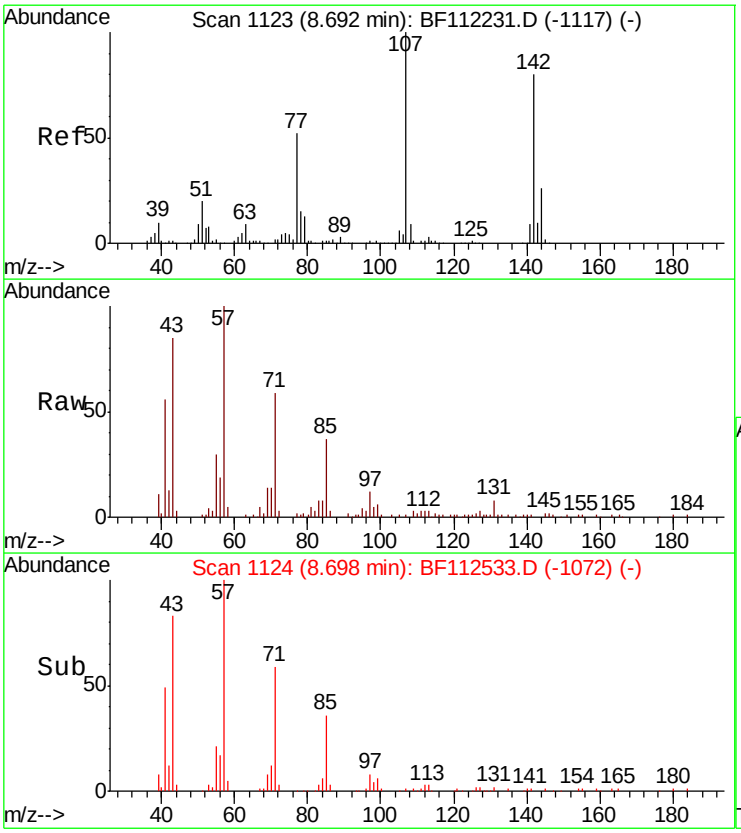
#35
Caprolactam
Concen: 0.449 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:113 Resp: 793

Ion	Ratio	Lower	Upper
113	100		
55	885.6	121.6	161.6#
56	338.3	86.7	126.7#

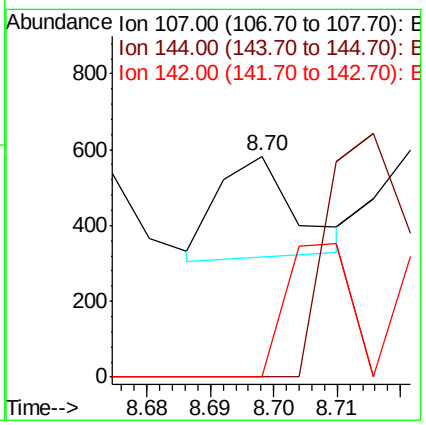


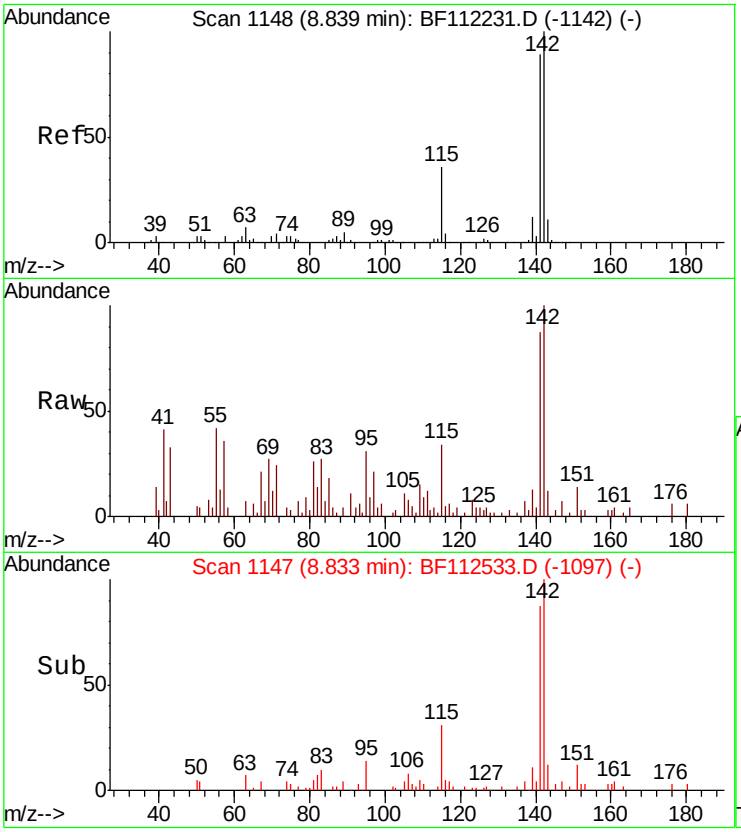


#36
4-Chloro-3-methylphenol
Concen: 0.042 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:107 Resp: 222

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.2	33.2#
142	0.0	67.7	101.5#



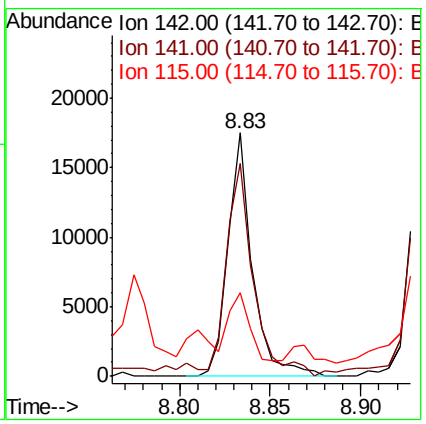


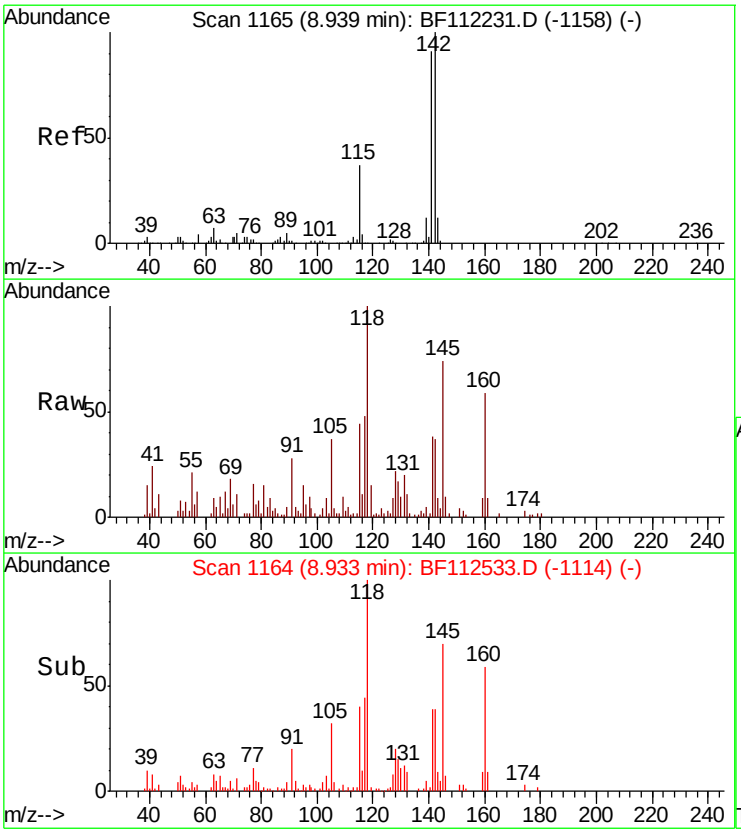
#37
2-Methylnaphthalene
Concen: 1.474 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:142 Resp: 16530

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.9	106.3
115	34.4	24.9	37.3

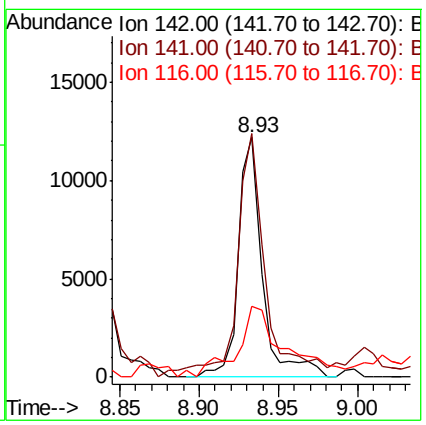


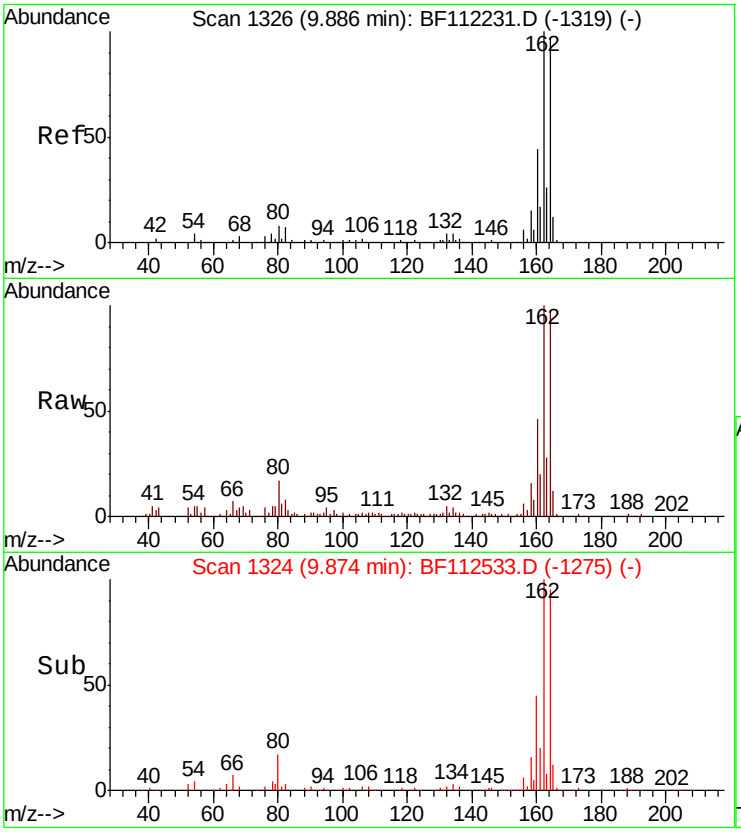


#38
1-Methylnaphthalene
Concen: 1.195 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:142 Resp: 12849

Ion	Ratio	Lower	Upper
142	100		
141	101.6	72.6	108.8
116	29.6	2.8	4.2#



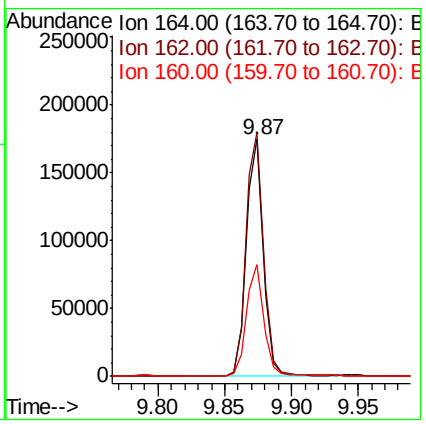


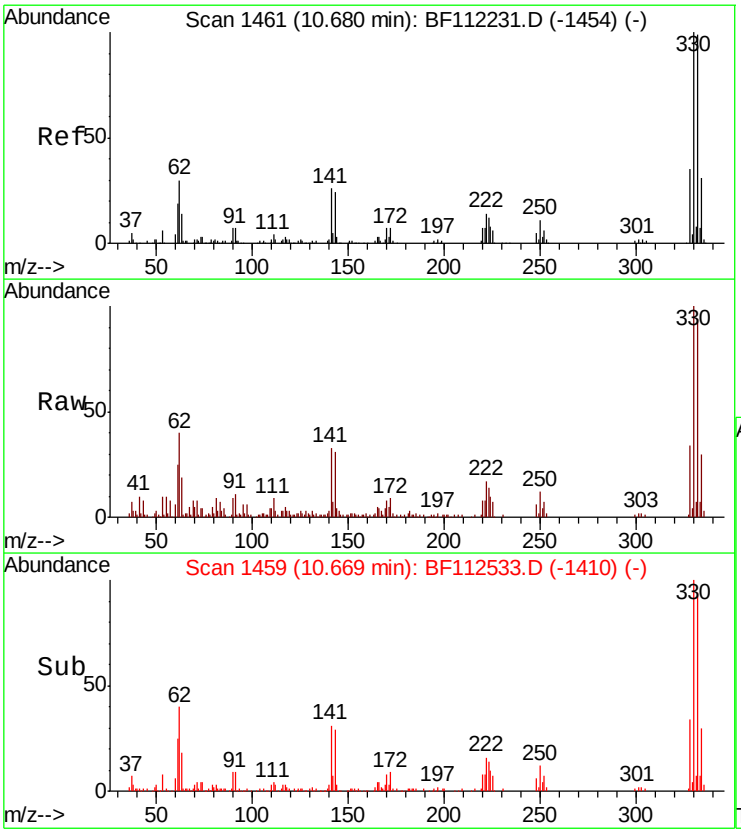
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:164 Resp: 152440

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	47.3	36.2	54.4

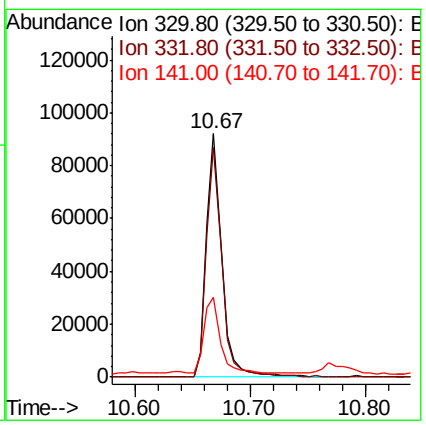


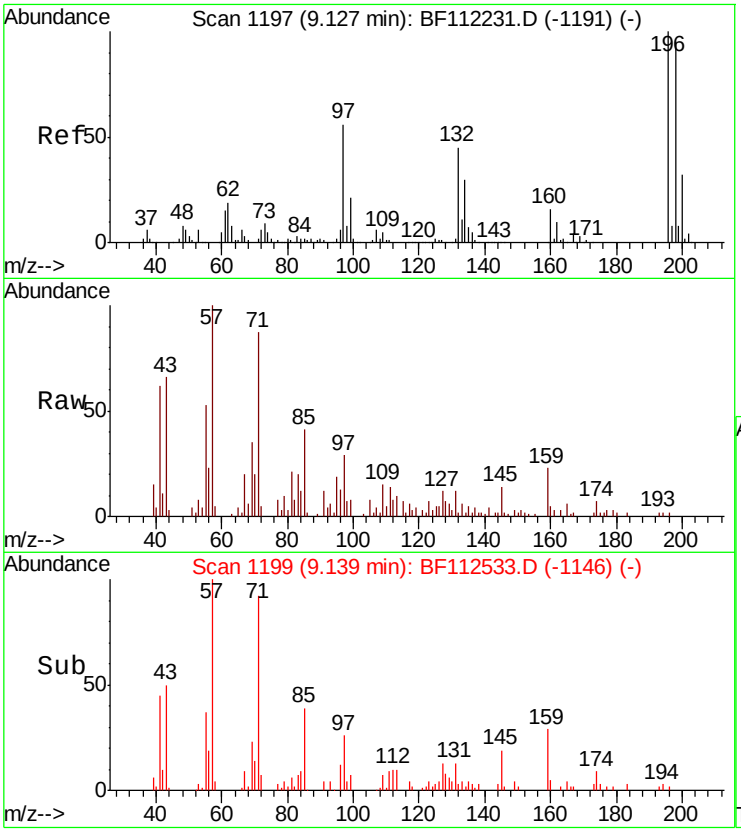


#42
2,4,6-Tribromophenol
Concen: 48.678 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:330 Resp: 86373

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	32.9	24.3	36.5



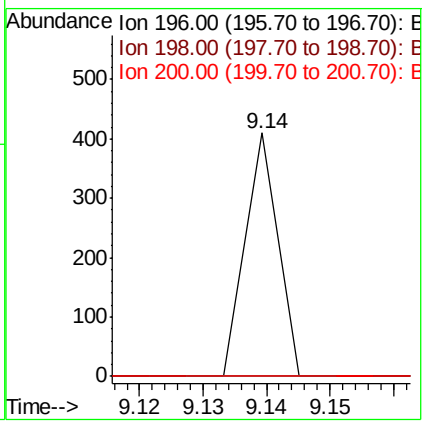


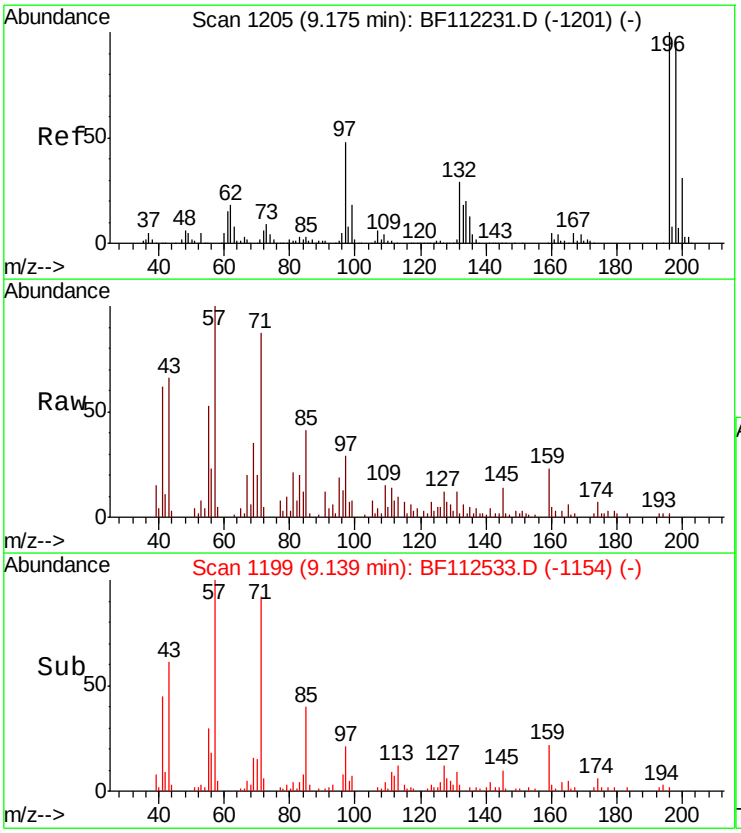
#43
2,4,6-Trichlorophenol
Concen: 0.047 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:196 Resp: 145

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.2	114.4#
200	0.0	24.3	36.5#

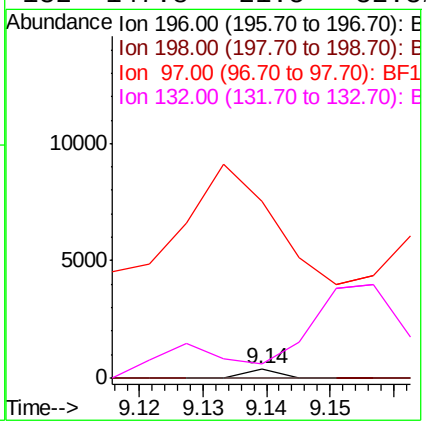


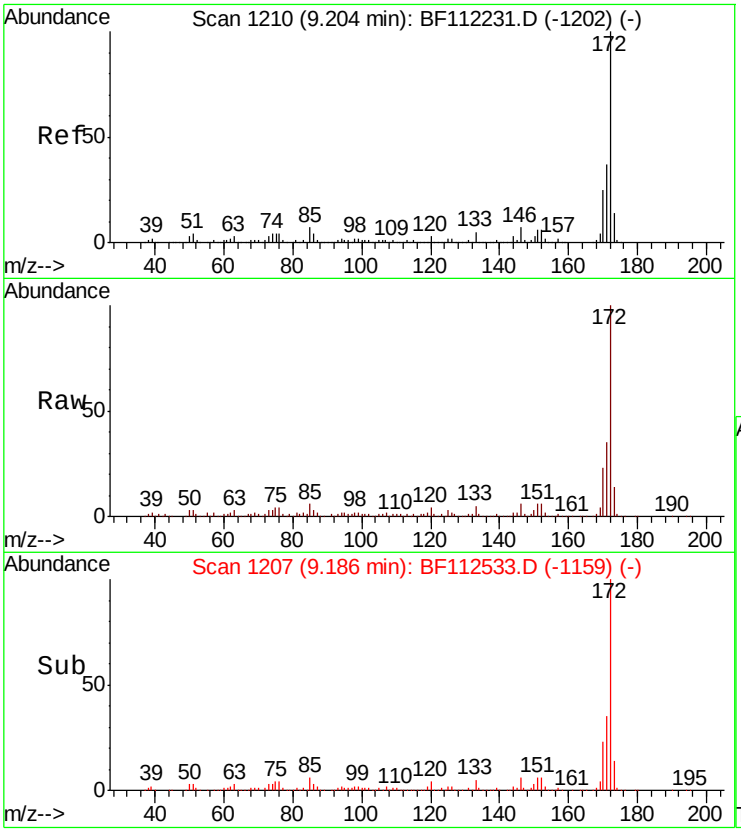


#44
2,4,5-Trichlorophenol
Concen: 0.045 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:196 Resp: 145

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.0	114.0#
97	1835.9	36.4	54.6#
132	147.8	21.5	32.3#



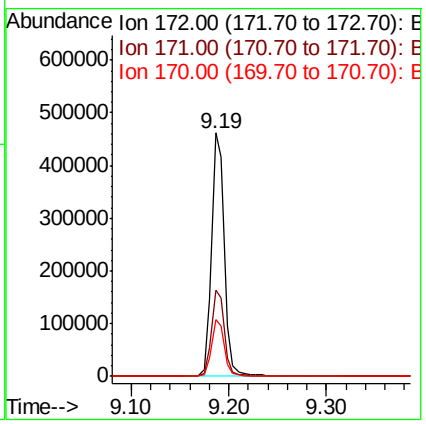


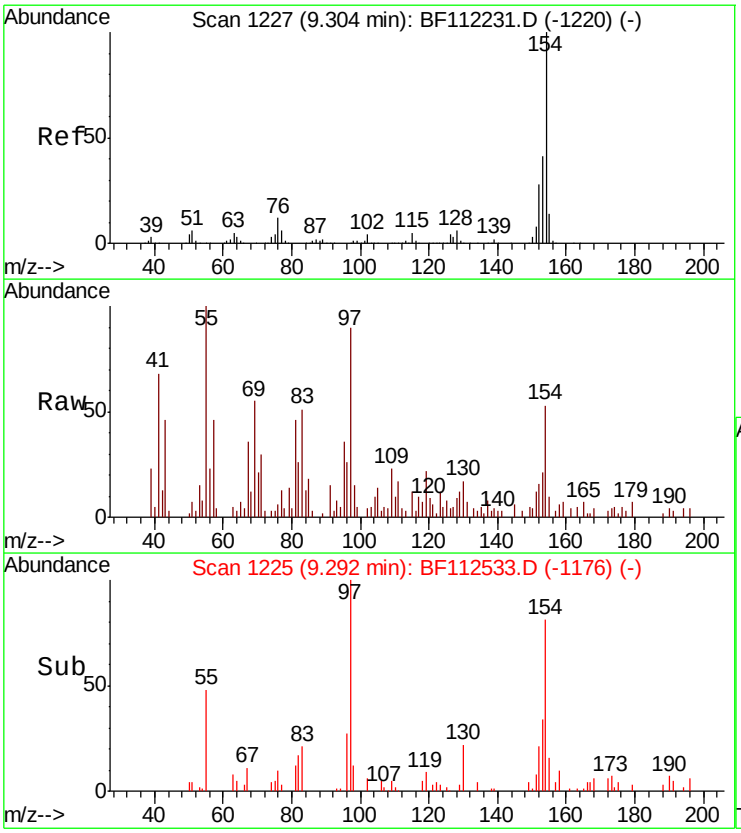
#45
2-Fluorobiphenyl
Concen: 39.036 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:172 Resp: 420742

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	23.3	20.2	30.4

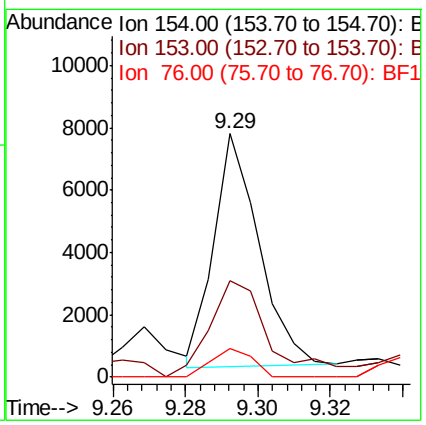


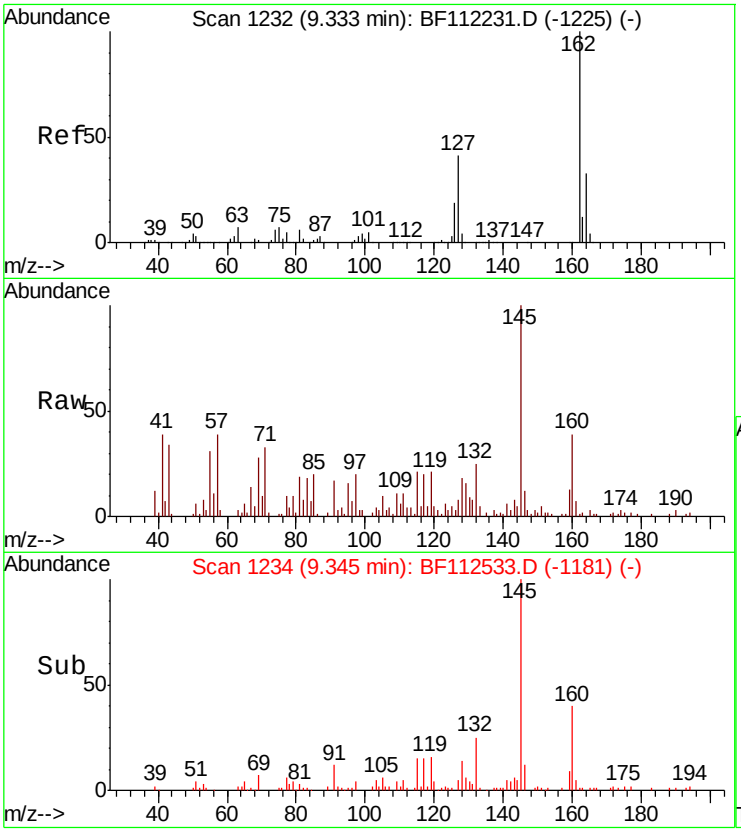


#46
1,1'-Biphenyl
Concen: 0.487 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:154 Resp: 6495

Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.5	61.5
76	11.6	0.0	33.1



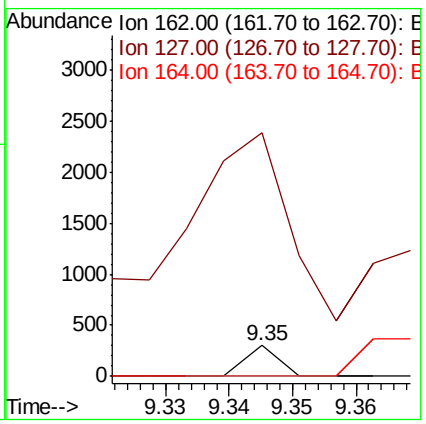


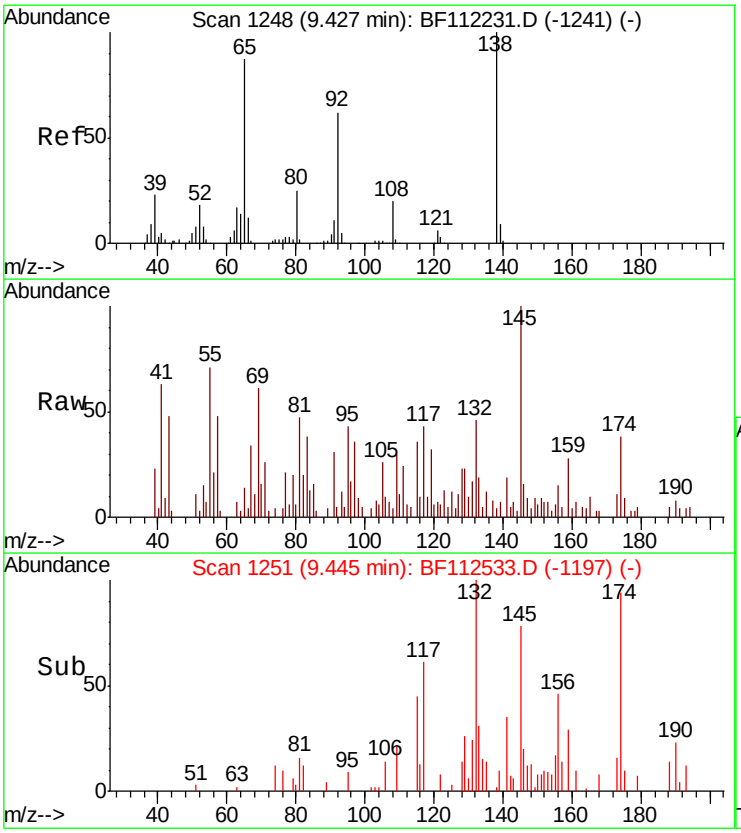
#47
2-Chloronaphthalene
Concen: 0.010 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:162 Resp: 107

Ion	Ratio	Lower	Upper
162	100		
127	785.5	30.4	45.6#
164	0.0	27.4	41.2#

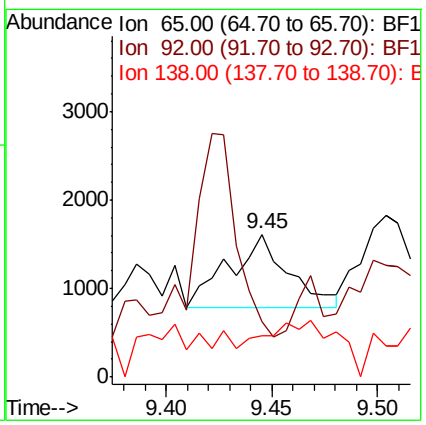


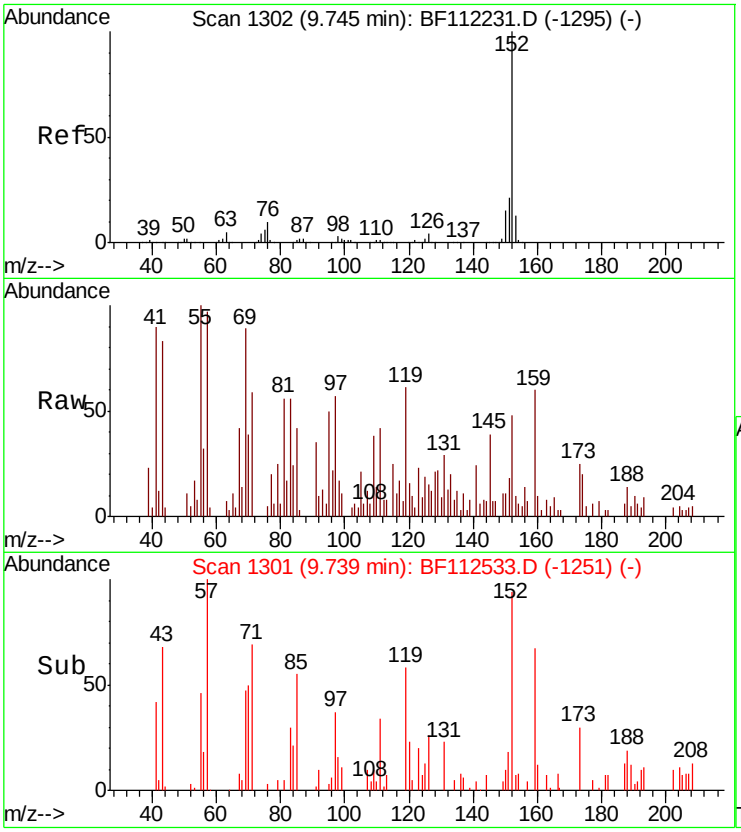


#48
2-Nitroaniline
Concen: 0.564 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion: 65 Resp: 1589

Ion	Ratio	Lower	Upper
65	100		
92	38.8	60.4	90.6#
138	29.1	104.4	156.6#



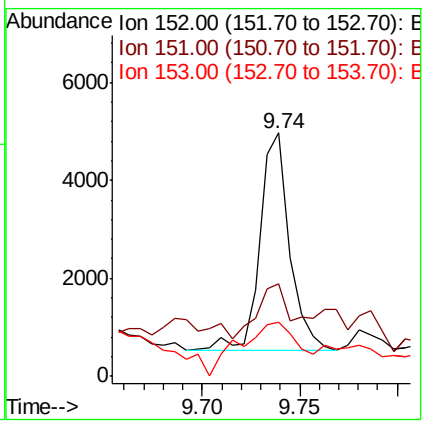


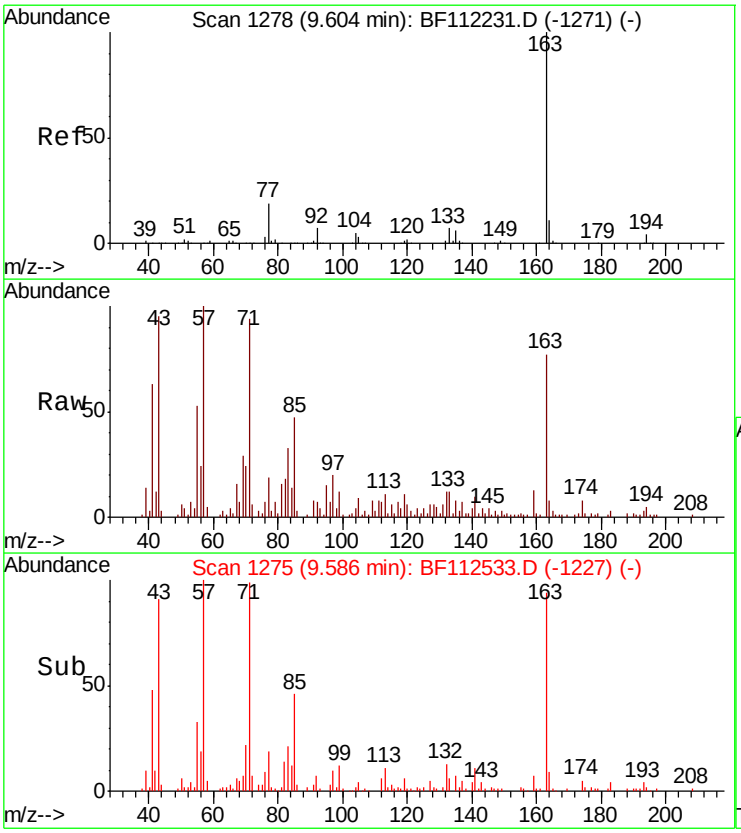
#49
Acenaphthylene
Concen: 0.309 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:152 Resp: 4683

Ion	Ratio	Lower	Upper
152	100		
151	38.0	17.0	25.6#
153	22.0	11.2	16.8#

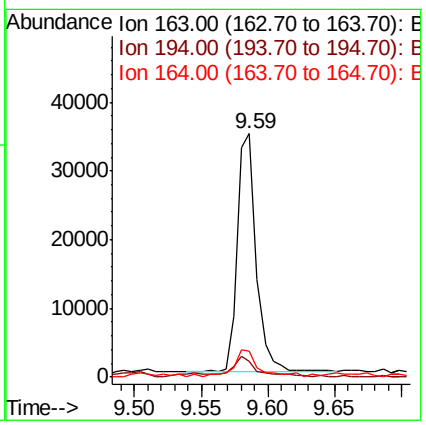


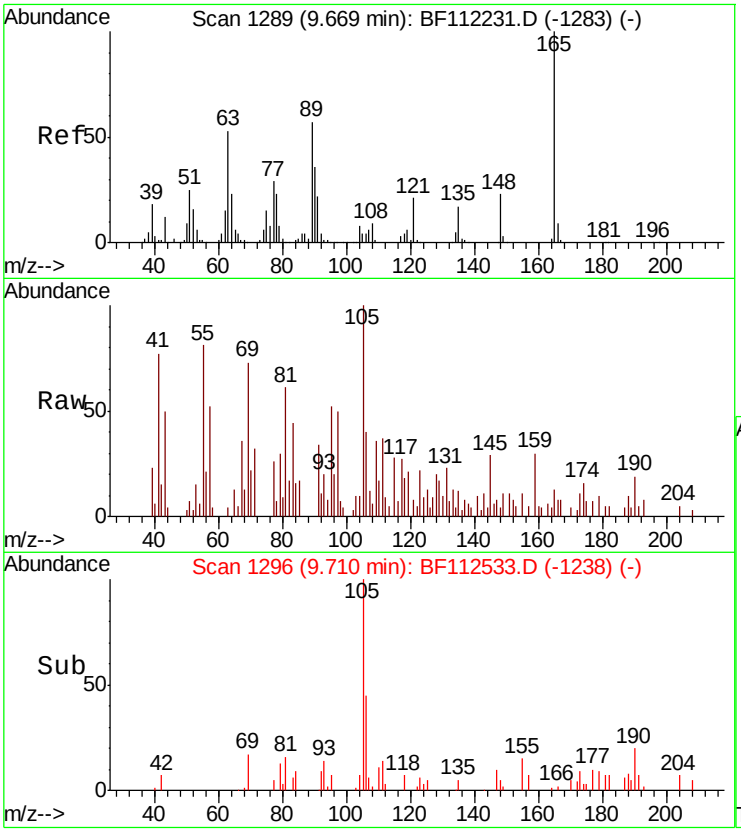


#50
Dimethylphthalate
Concen: 2.926 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:163 Resp: 34653

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.3	4.9#
164	10.9	8.5	12.7



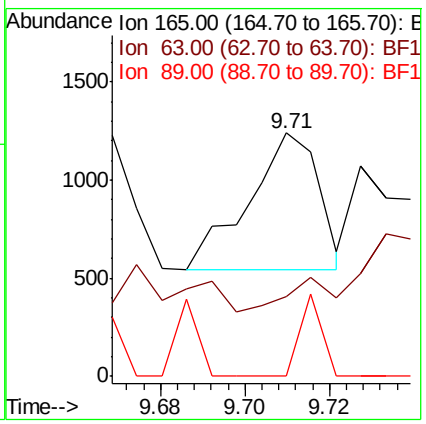


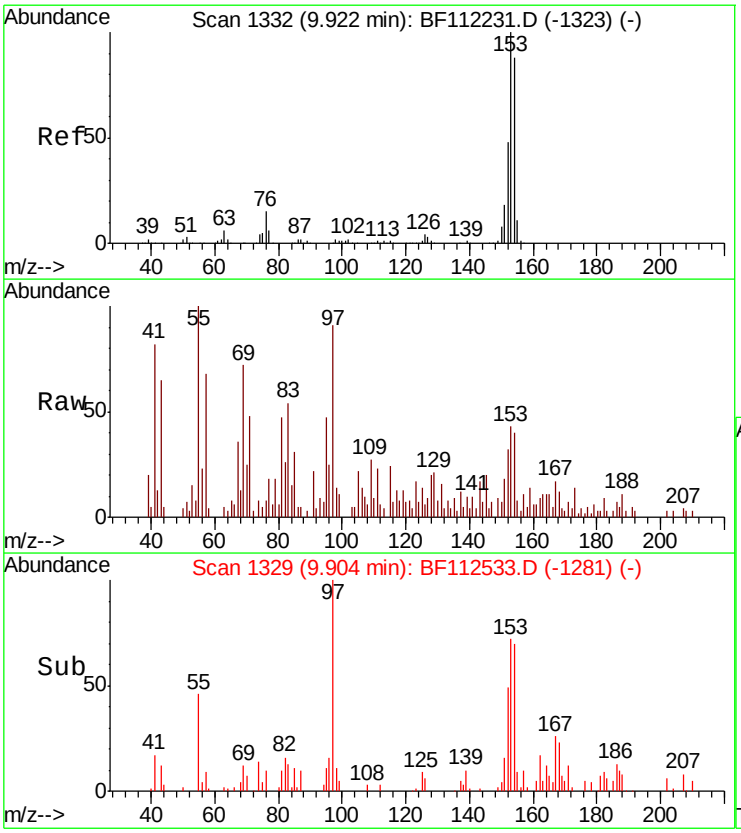
#51
2,6-Dinitrotoluene
Concen: 0.305 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.04 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:165 Resp: 809

Ion	Ratio	Lower	Upper
165	100		
63	32.7	33.8	50.8#
89	0.0	36.9	55.3#

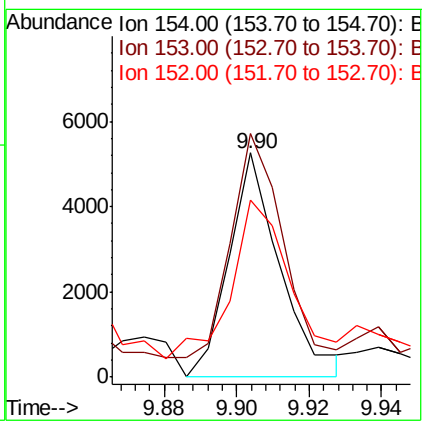


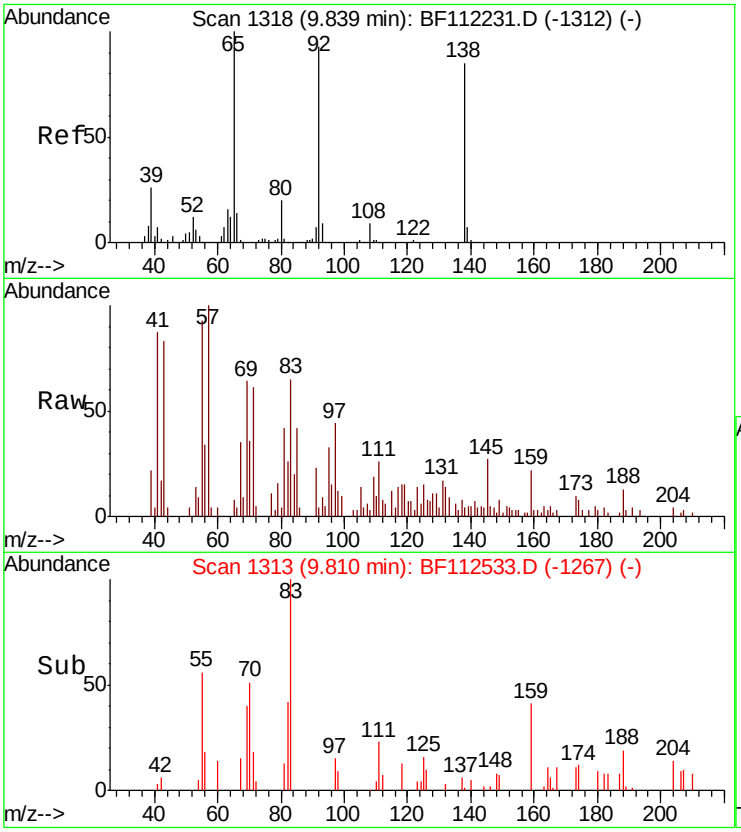


#52
Acenaphthene
Concen: 0.569 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:154 Resp: 5152

Ion	Ratio	Lower	Upper
154	100		
153	108.7	89.8	134.6
152	79.3	43.5	65.3#



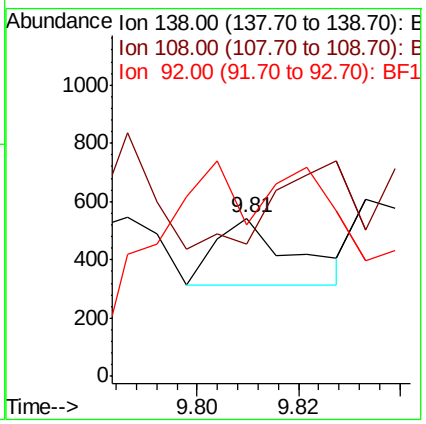


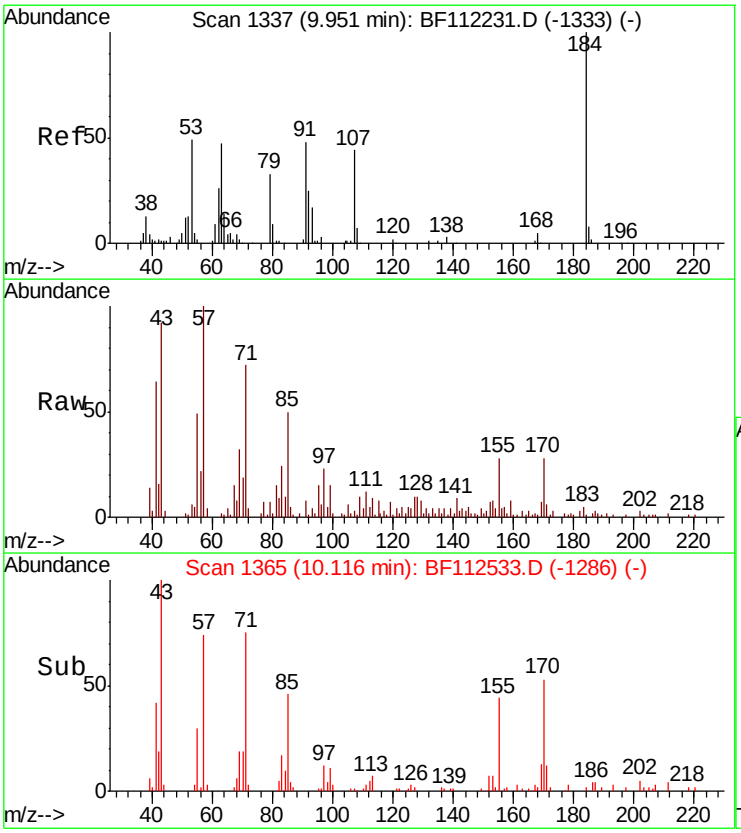
#53
3-Nitroaniline
Concen: 0.085 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:138 Resp: 245

Ion	Ratio	Lower	Upper
138	100		
108	83.8	9.8	14.6#
92	95.8	79.4	119.2

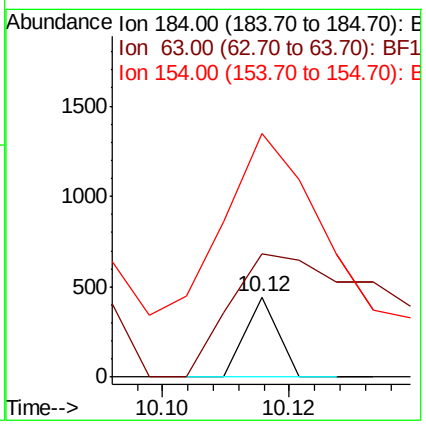


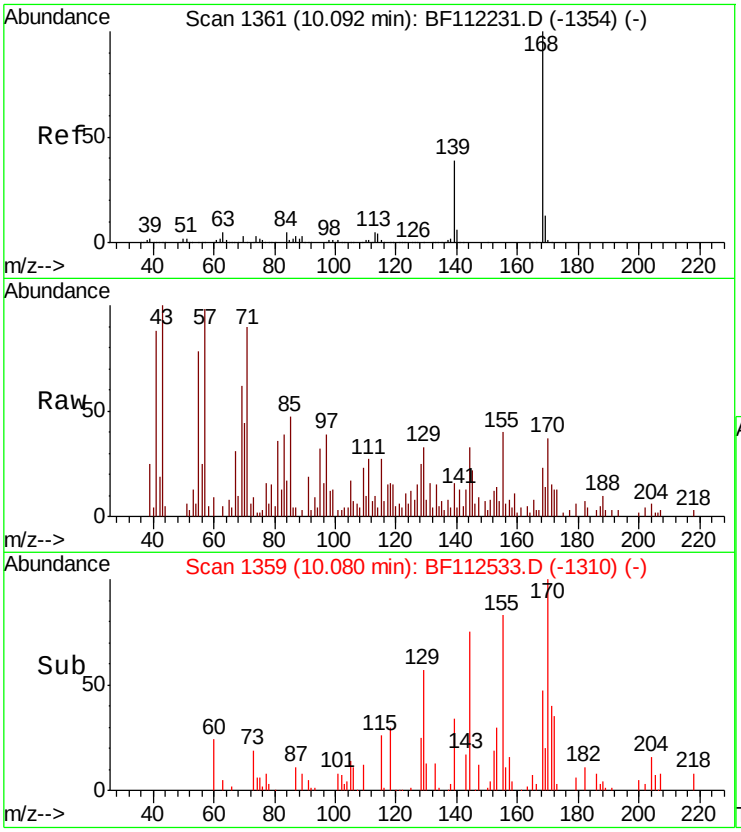


#54
2,4-Dinitrophenol
Concen: 0.184 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.16 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:184 Resp: 157

Ion	Ratio	Lower	Upper
184	100		
63	153.0	47.1	70.7#
154	302.7	48.9	73.3#



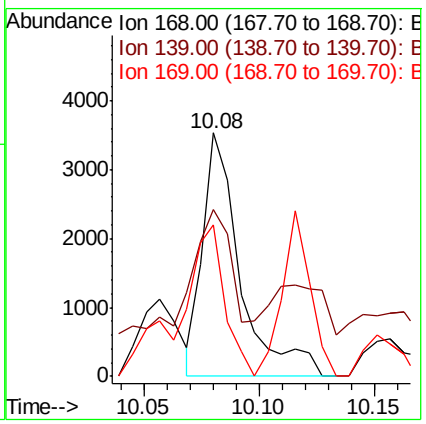


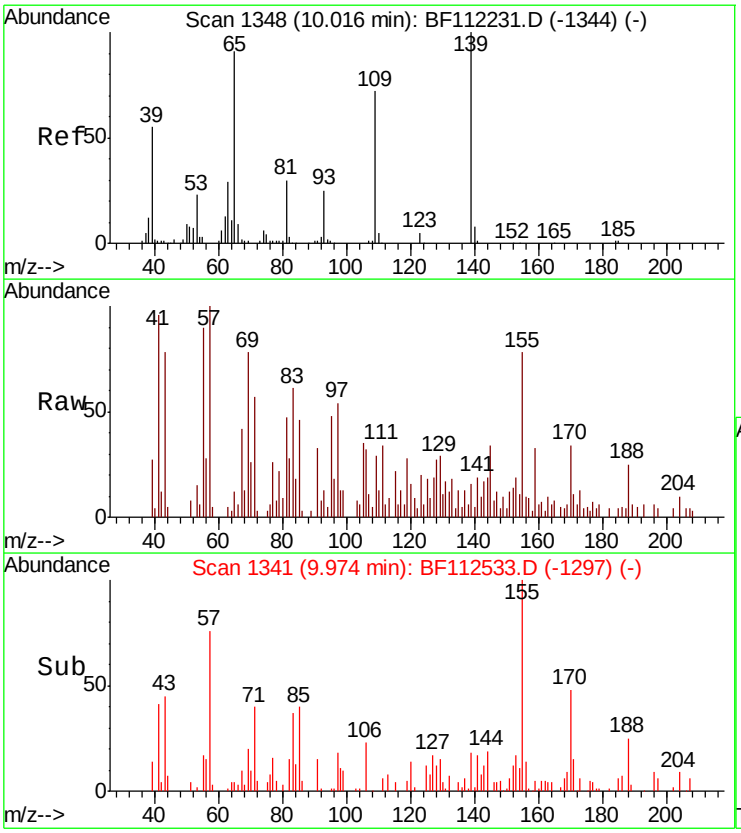
#55
Dibenzofuran
Concen: 0.287 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:168 Resp: 3972

Ion	Ratio	Lower	Upper
168	100		
139	68.3	29.2	43.8#
169	62.3	11.4	17.0#

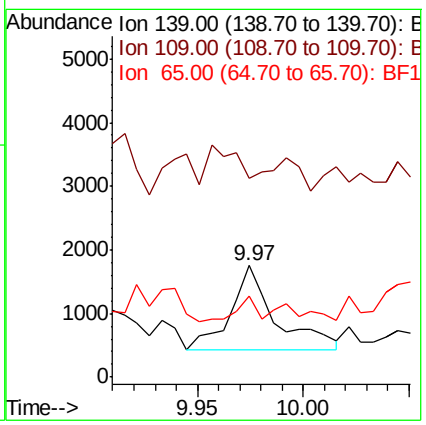


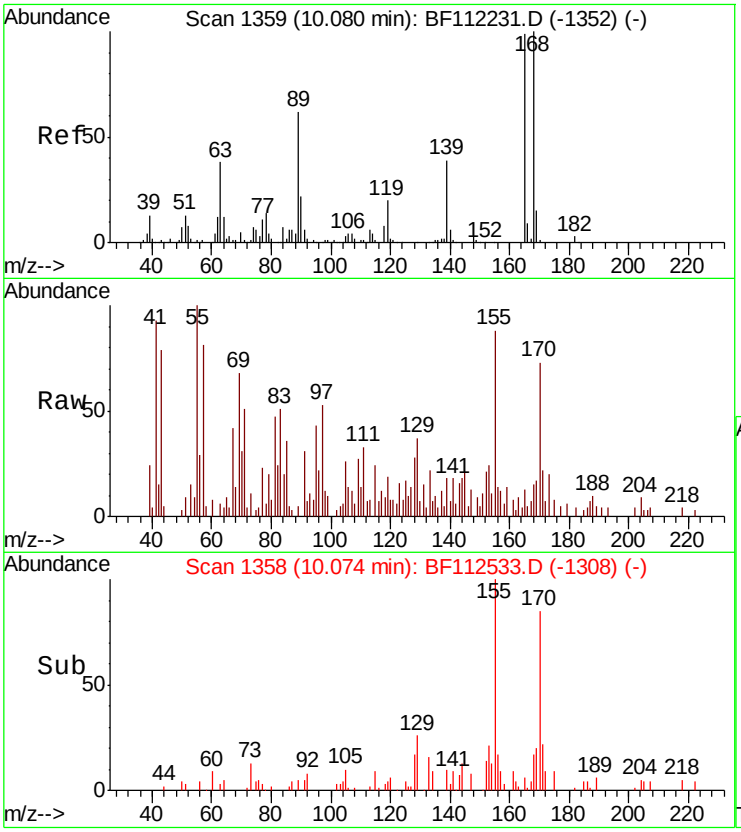


#56
4-Nitrophenol
Concen: 1.253 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.04 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:139 Resp: 1903

Ion	Ratio	Lower	Upper
139	100		
109	178.7	42.8	82.8#
65	73.1	66.1	106.1



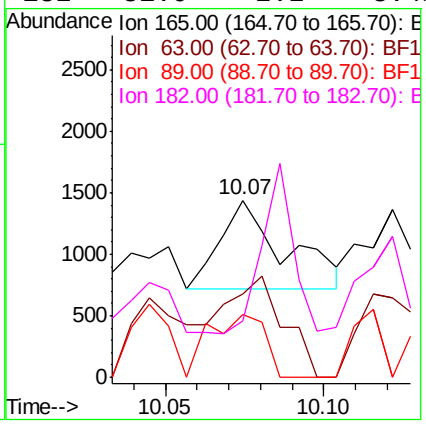


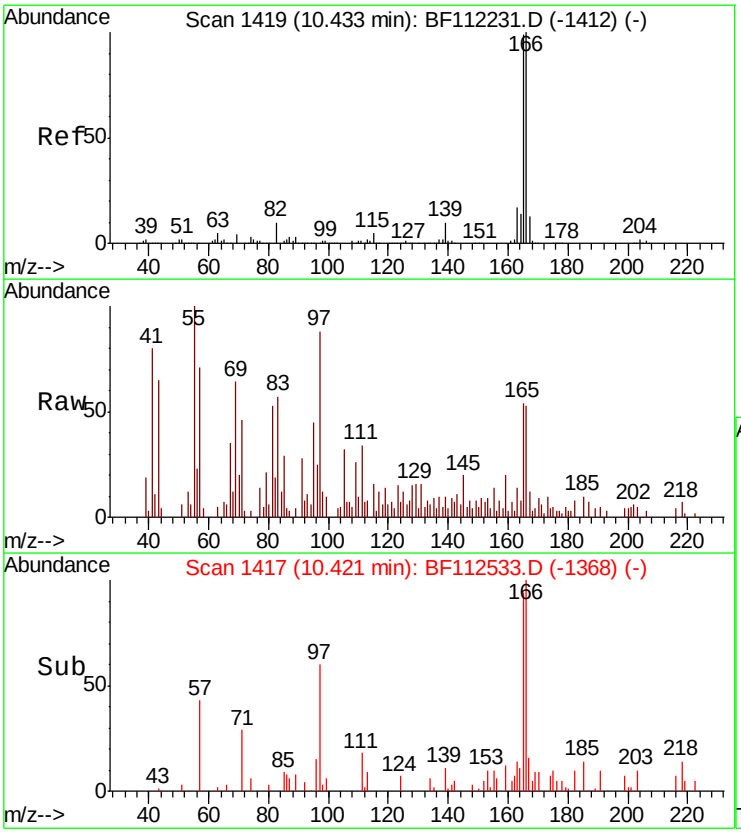
#57
2,4-Dinitrotoluene
Concen: 0.305 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:165 Resp: 1031

Ion	Ratio	Lower	Upper
165	100		
63	46.9	27.9	41.9#
89	35.6	47.9	71.9#
182	31.9	2.2	3.4#

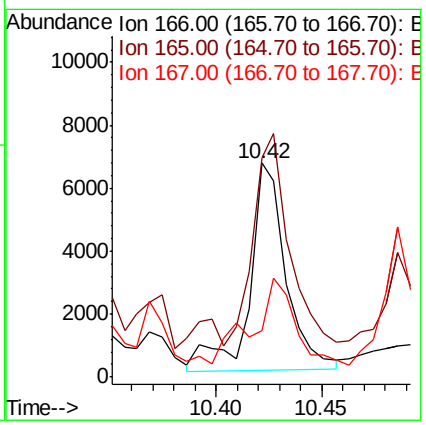


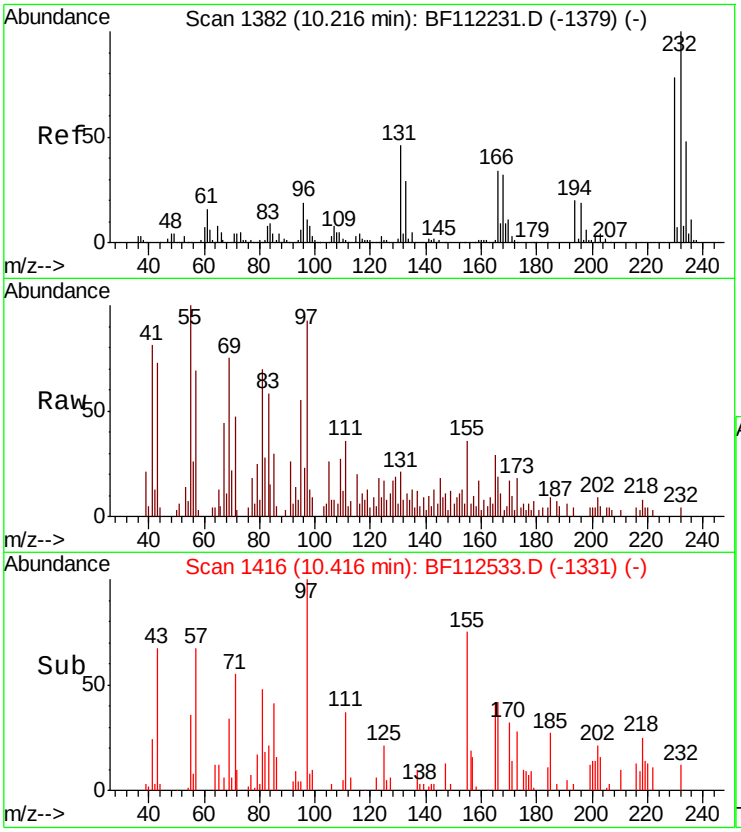


#58
Fluorene
Concen: 0.765 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:166 Resp: 7921

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.1	115.7
167	21.9	11.3	16.9#



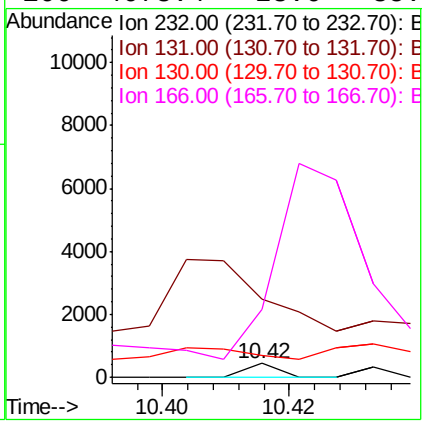


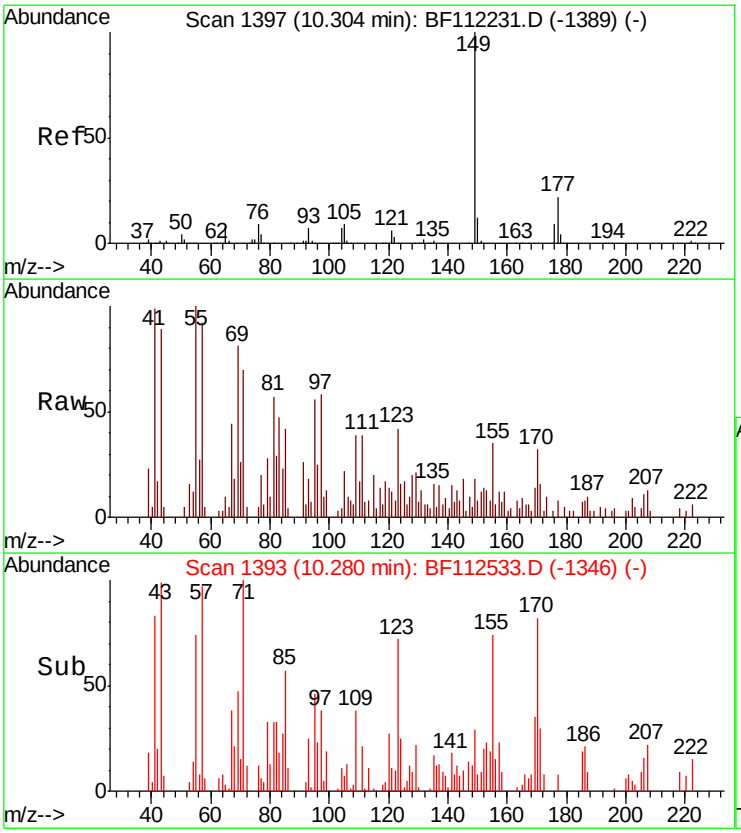
#59
2,3,4,6-Tetrachlorophenol
Concen: 0.063 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.20 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:232 Resp: 154

Ion	Ratio	Lower	Upper
232	100		
131	1970.1	33.9	50.9#
130	207.1	1.8	2.6#
166	4673.4	23.6	35.4#

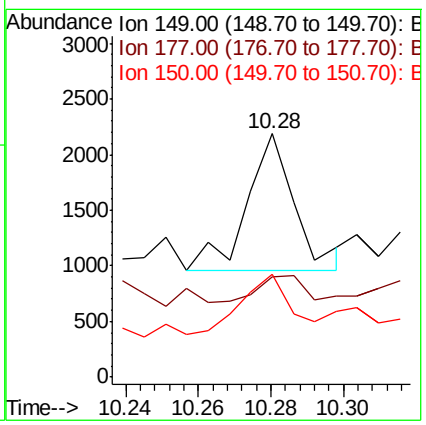


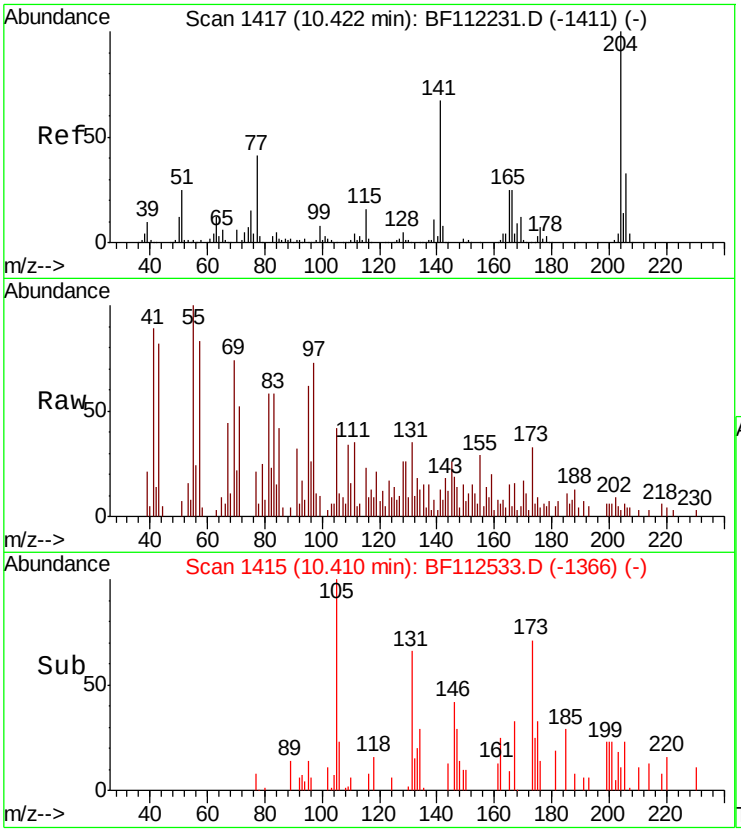


#60
Diethylphthalate
Concen: 0.096 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:149 Resp: 1132

Ion	Ratio	Lower	Upper
149	100		
177	41.2	18.2	27.2#
150	42.4	10.4	15.6#



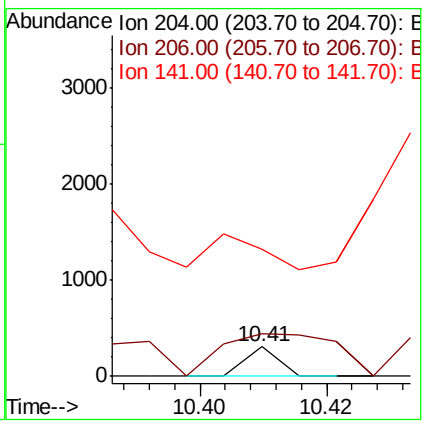


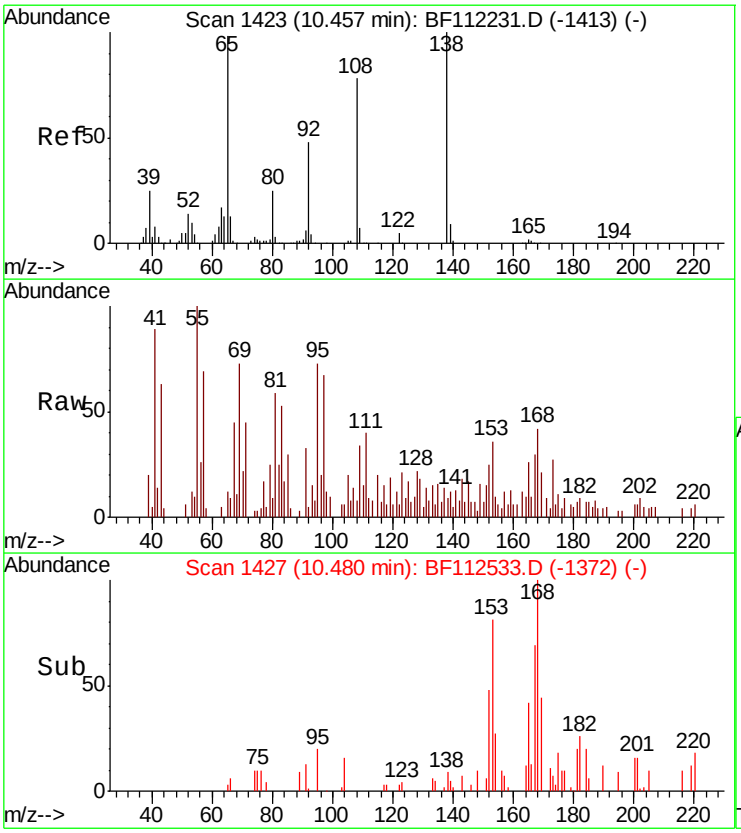
#61
4-Chlorophenyl-phenylether
Concen: 0.019 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:204 Resp: 108

Ion	Ratio	Lower	Upper
204	100		
206	144.4	26.5	39.7#
141	433.0	45.9	68.9#

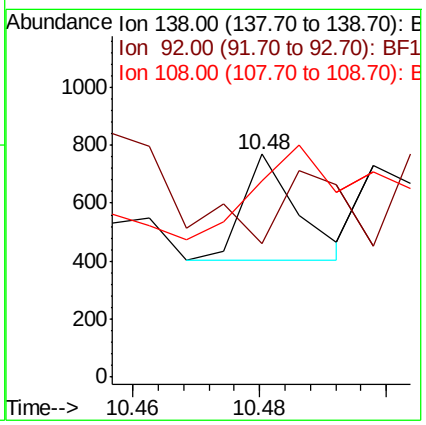


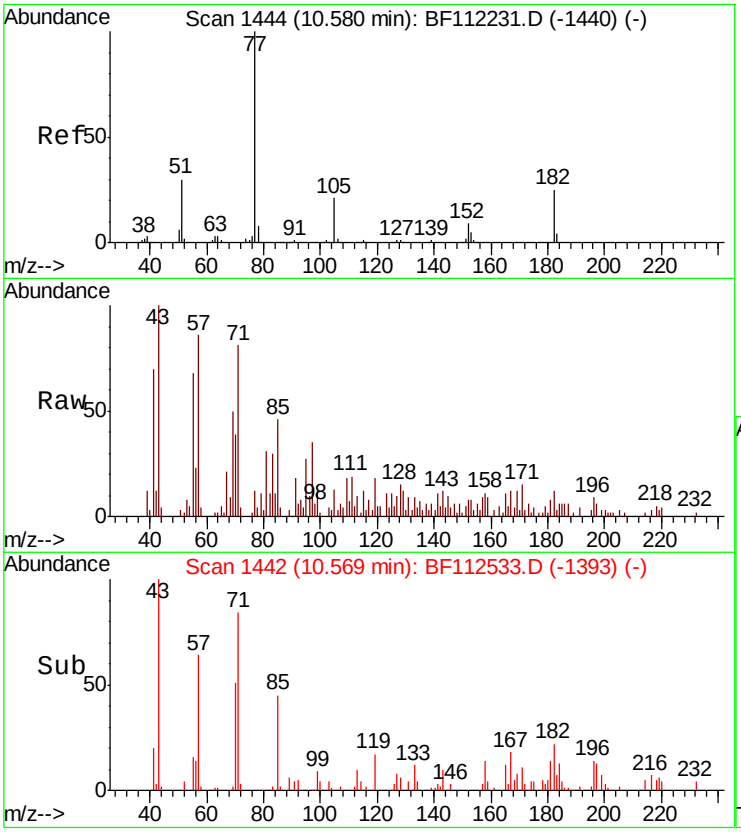


#62
4-Nitroaniline
Concen: 0.076 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:138 Resp: 214

Ion	Ratio	Lower	Upper
138	100		
92	60.2	30.6	70.6
108	88.3	50.0	90.0



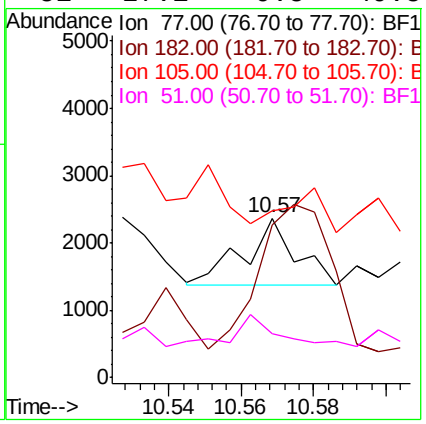


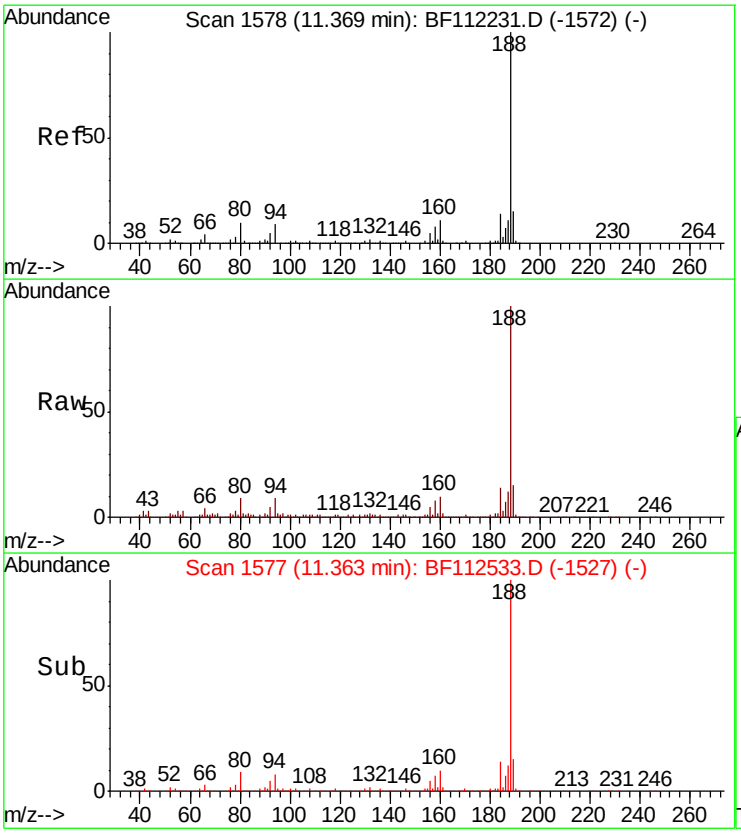
#63
Azobenzene
Concen: 0.096 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion: 77 Resp: 996

Ion	Ratio	Lower	Upper
77	100		
182	96.1	5.7	45.7#
105	104.7	1.4	41.4#
51	27.1	9.5	49.5

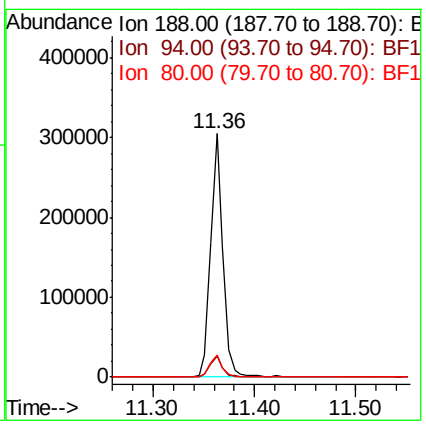


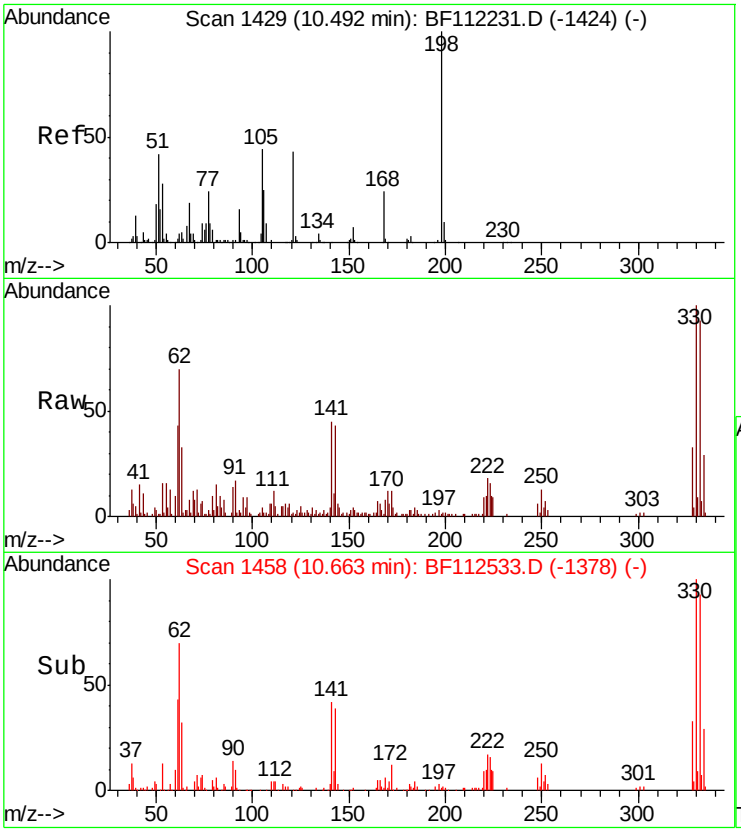


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:188 Resp: 256769

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.0	8.9	13.3



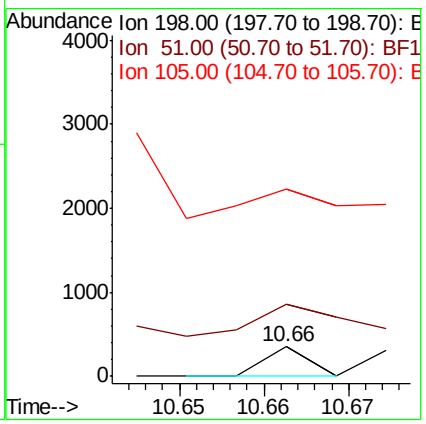


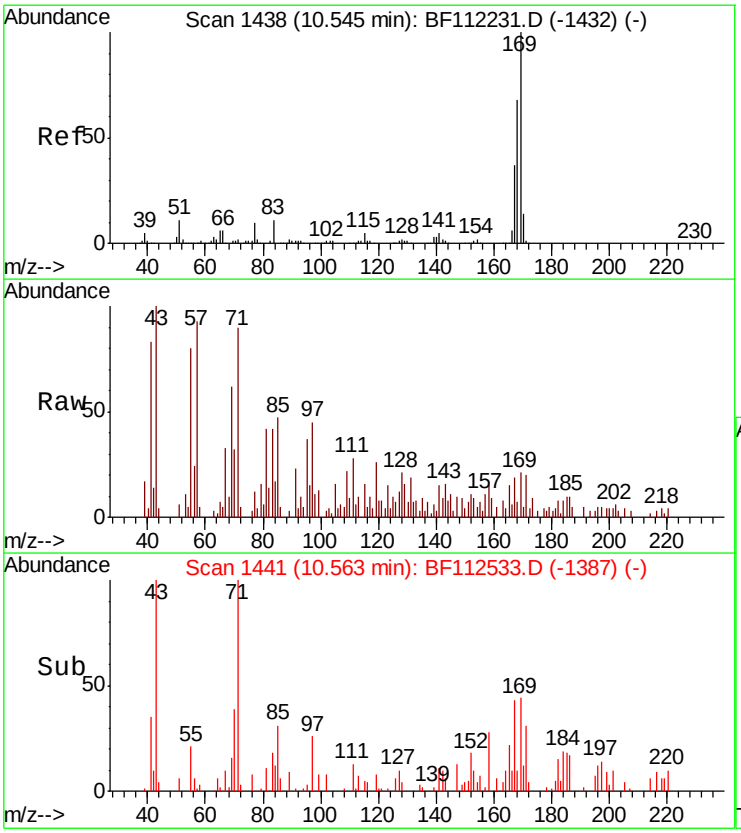
#65
4,6-Dinitro-2-methylphenol
Concen: 0.085 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.17 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	244.8	17.2	57.2#
105	639.9	21.9	61.9#

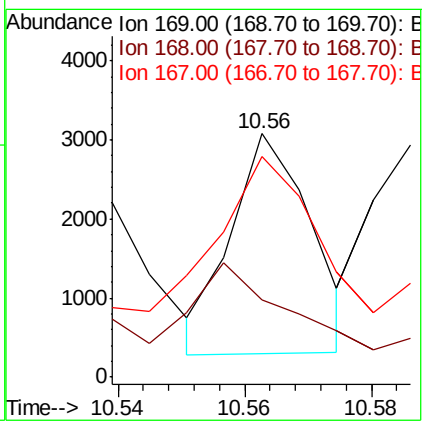


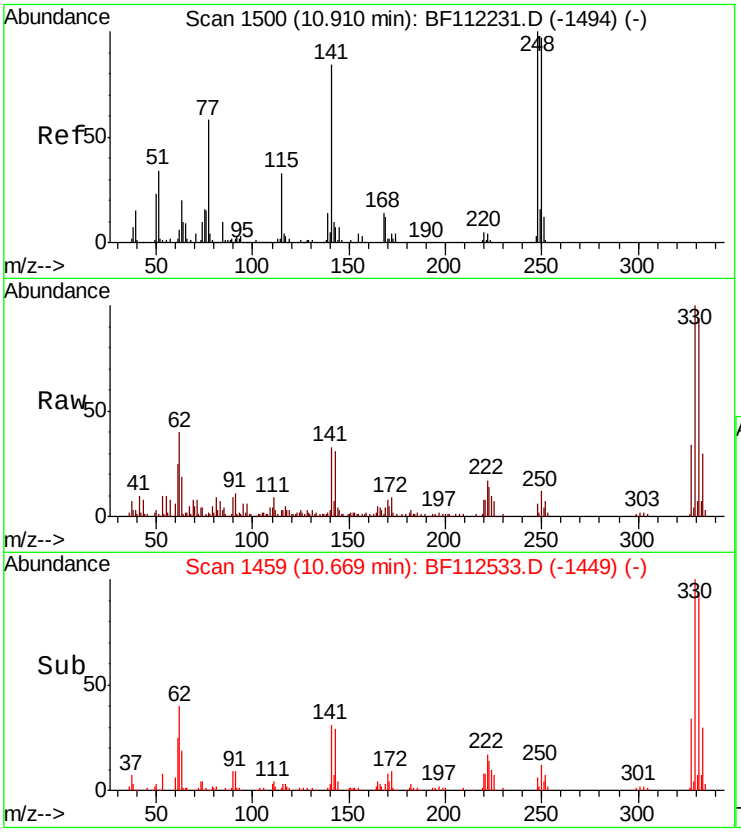


#66
n-Nitrosodiphenylamine
Concen: 0.281 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:169 Resp: 2428

Ion	Ratio	Lower	Upper
169	100		
168	31.5	53.9	80.9#
167	90.8	28.9	43.3#



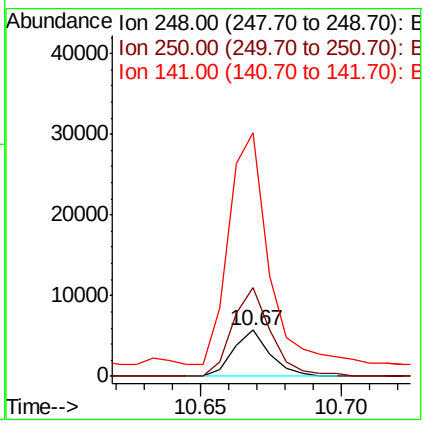


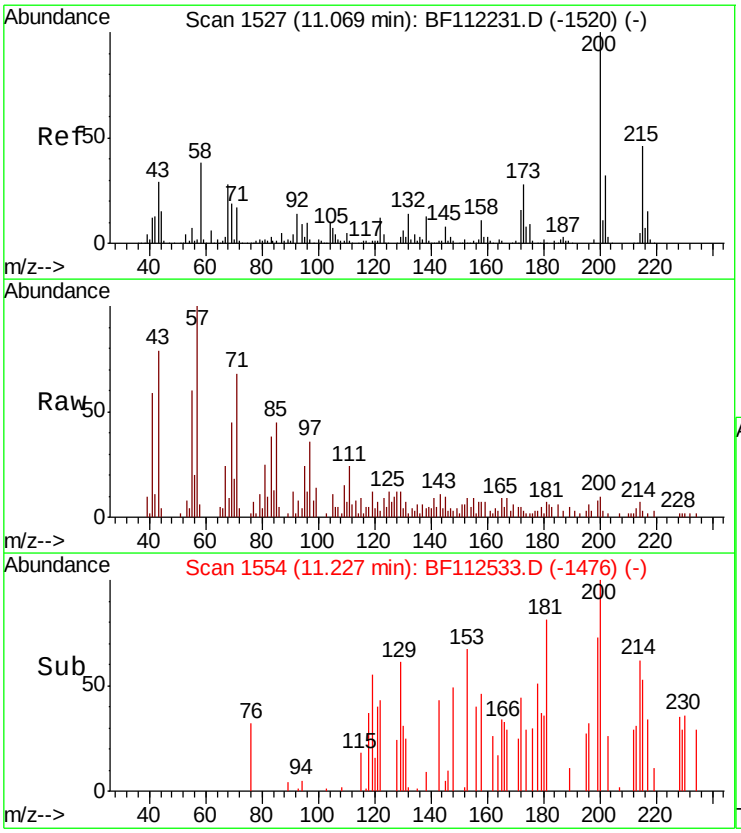
#67
4-Bromophenyl-phenylether
Concen: 1.692 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:248 Resp: 5109

Ion	Ratio	Lower	Upper
248	100		
250	192.8	79.7	119.5#
141	530.6	60.3	90.5#

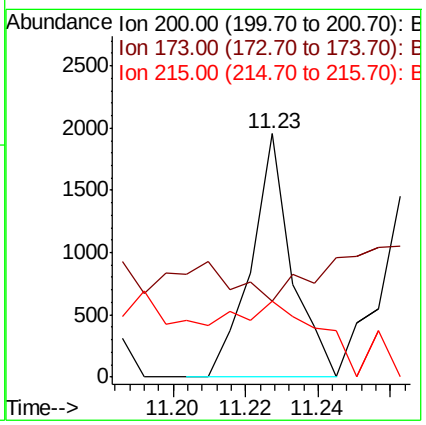


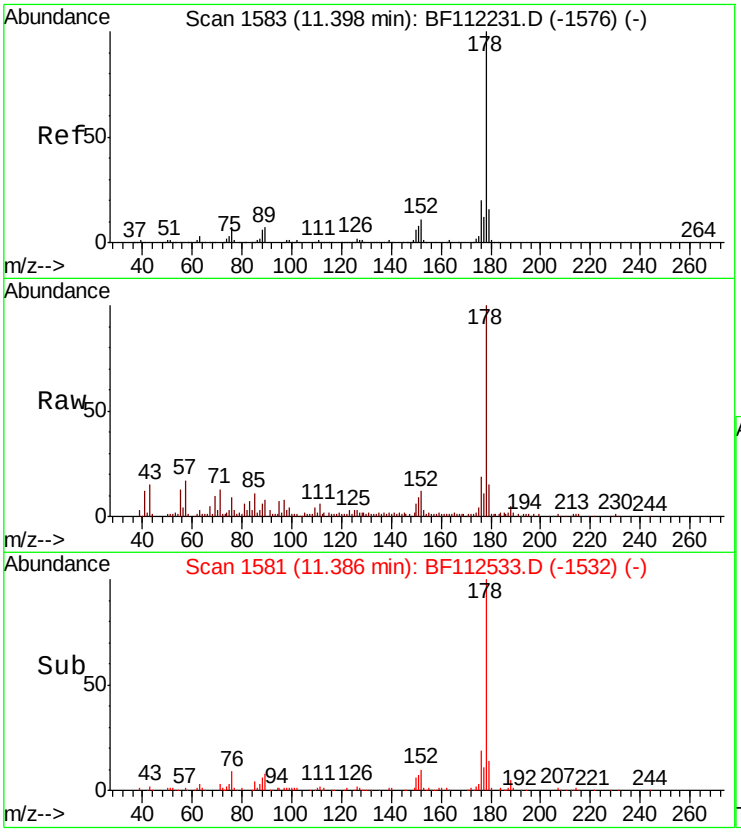


#69
Atrazine
Concen: 0.544 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.16 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:200 Resp: 1520

Ion	Ratio	Lower	Upper
200	100		
173	31.3	7.1	47.1
215	31.4	30.4	70.4



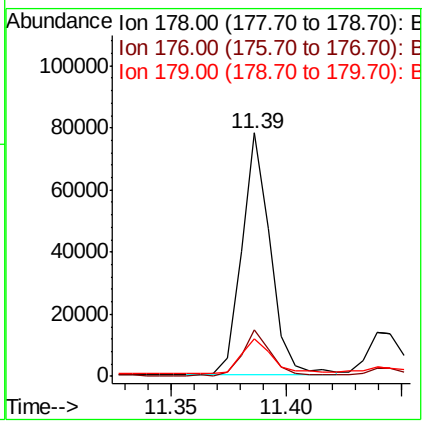


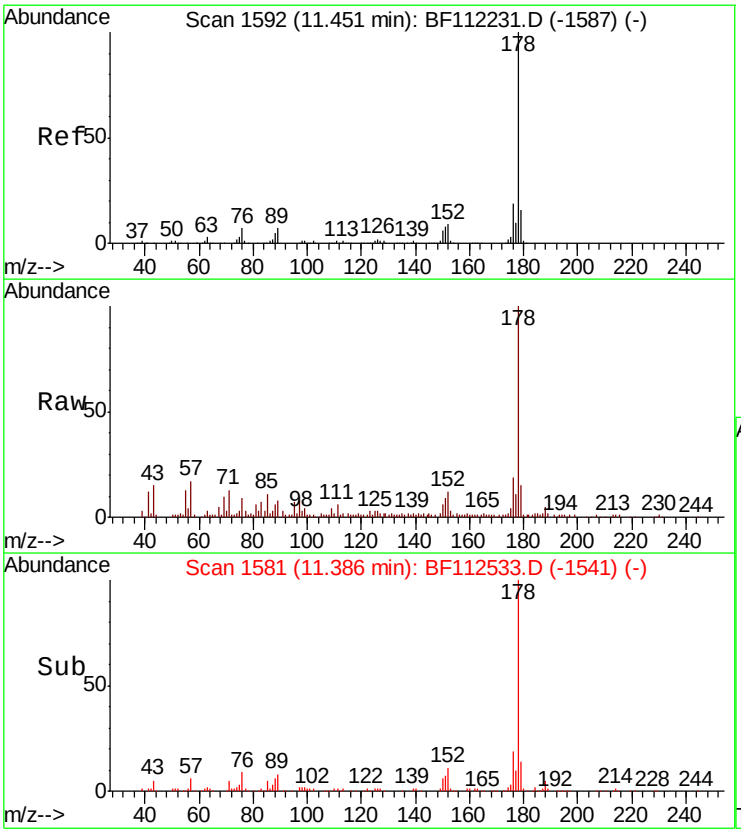
#71
Phenanthrene
Concen: 5.009 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:178 Resp: 66871

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.3	13.0	19.4

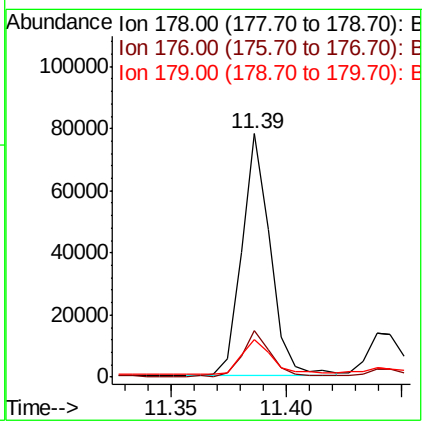


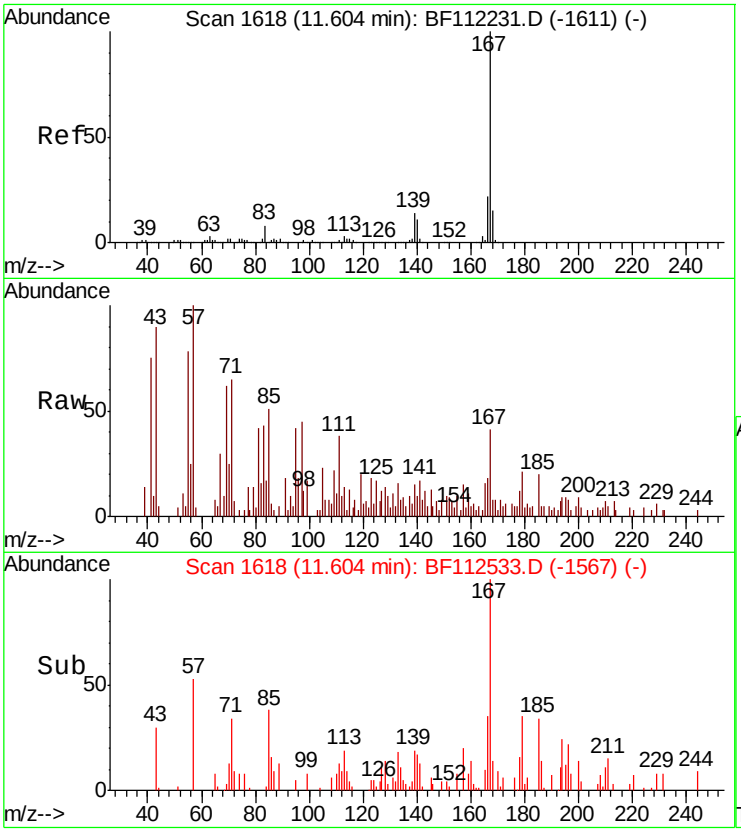


#72
Anthracene
Concen: 5.029 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:178 Resp: 66871

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.8	19.2



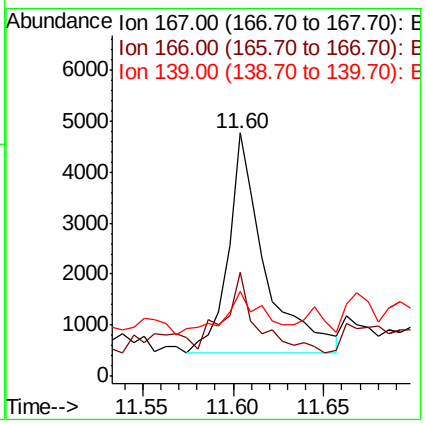


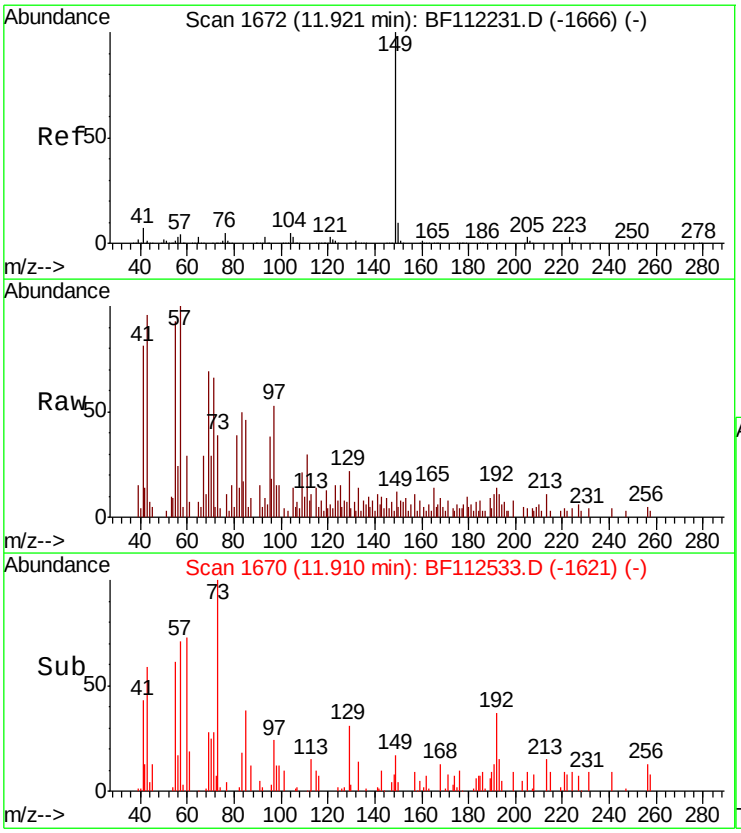
#73
Carbazole
Concen: 0.456 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:167 Resp: 5976

Ion	Ratio	Lower	Upper
167	100		
166	42.6	17.9	26.9#
139	35.0	10.2	15.2#

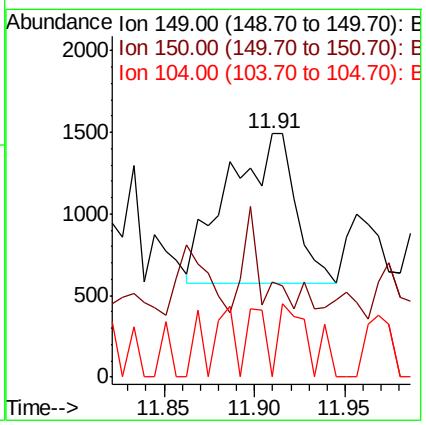


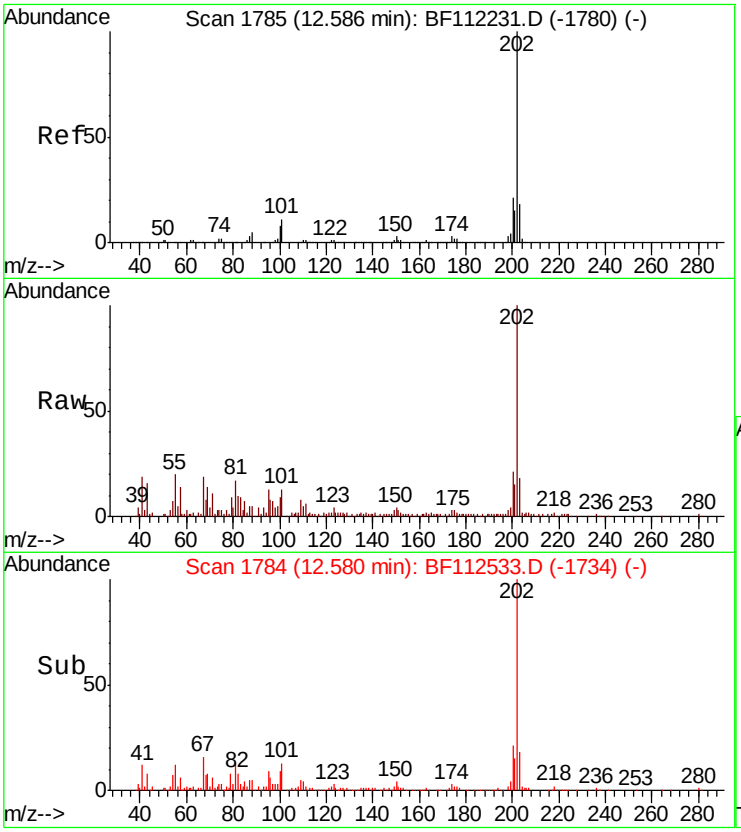


#74
Di-n-butylphthalate
Concen: 0.145 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:149 Resp: 2355

Ion	Ratio	Lower	Upper
149	100		
150	39.2	8.1	12.1#
104	0.0	3.9	5.9#



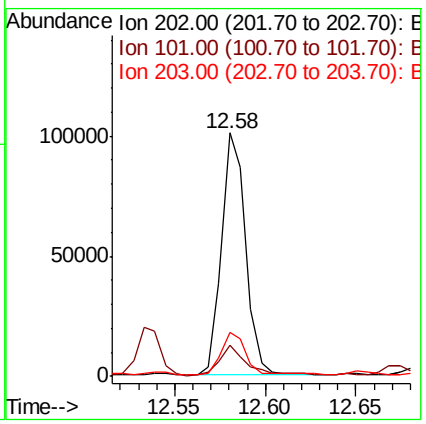


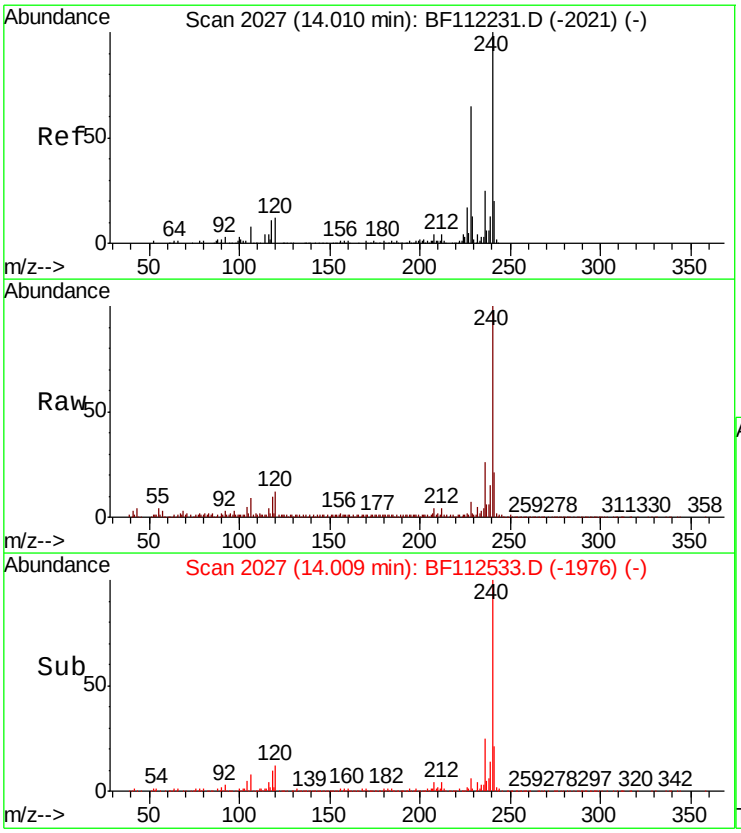
#75
Fluoranthene
Concen: 6.529 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:202 Resp: 93476

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.8
203	18.1	0.0	38.4

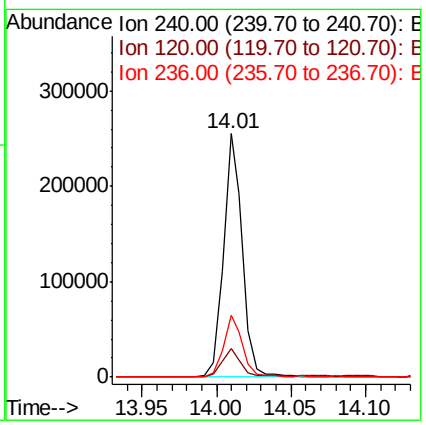


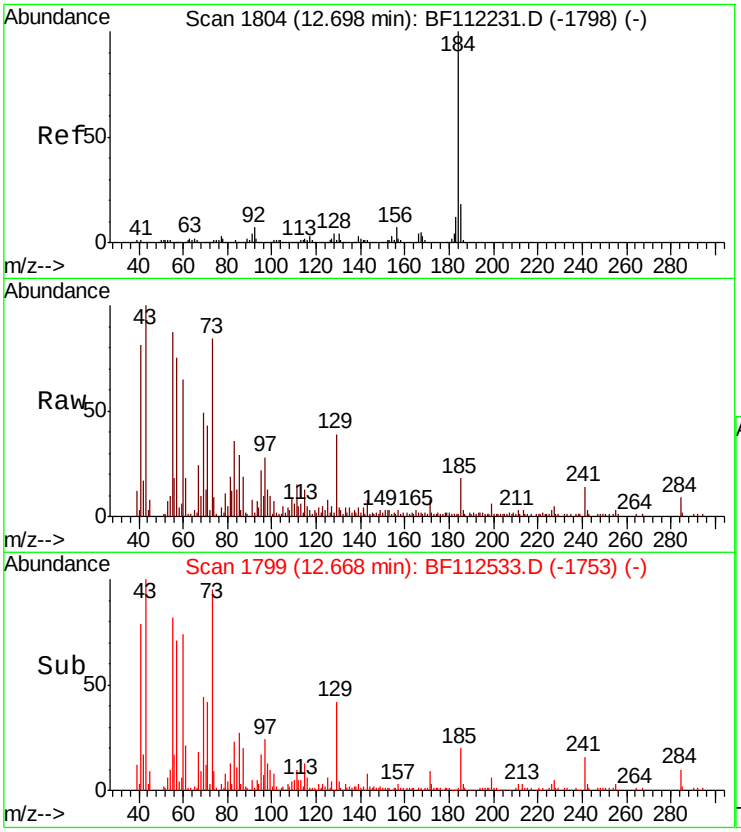


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:240 Resp: 225309

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.6
236	25.6	20.7	31.1



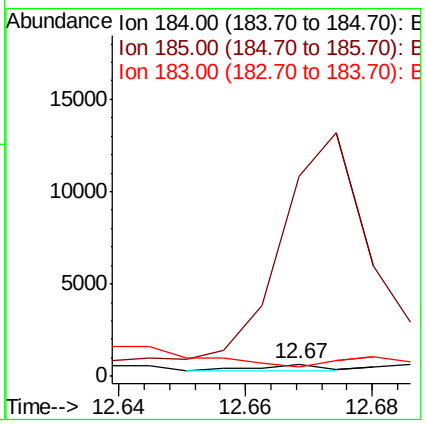


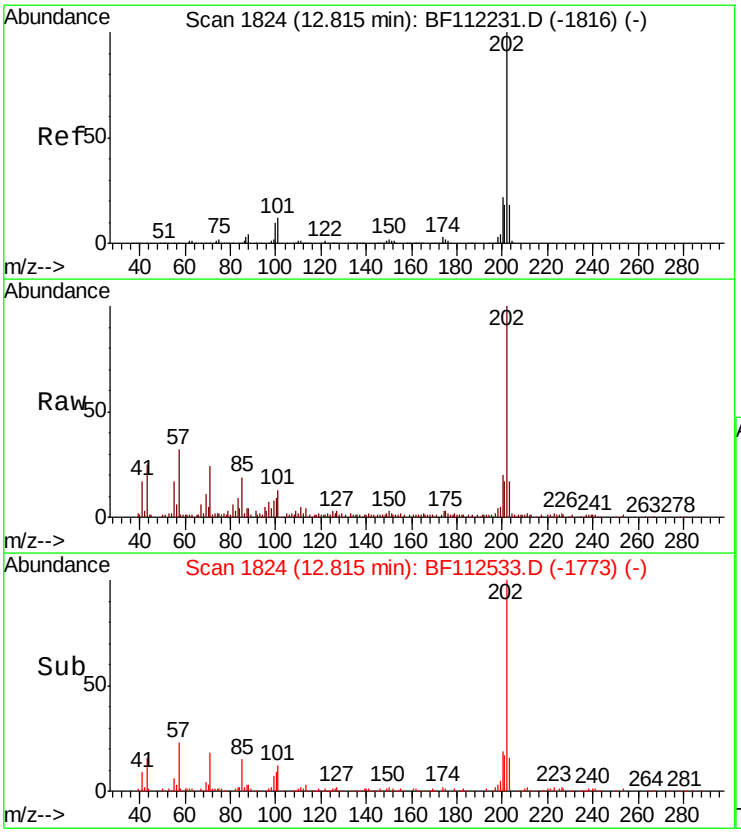
#77
Benzidine
Concen: 0.039 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.03 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:184 Resp: 240

Ion	Ratio	Lower	Upper
184	100		
185	1647.8	13.9	20.9#
183	77.7	10.0	15.0#

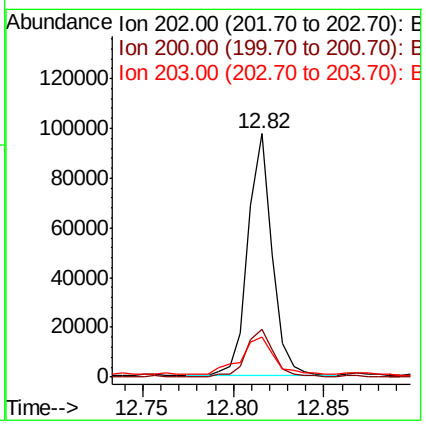


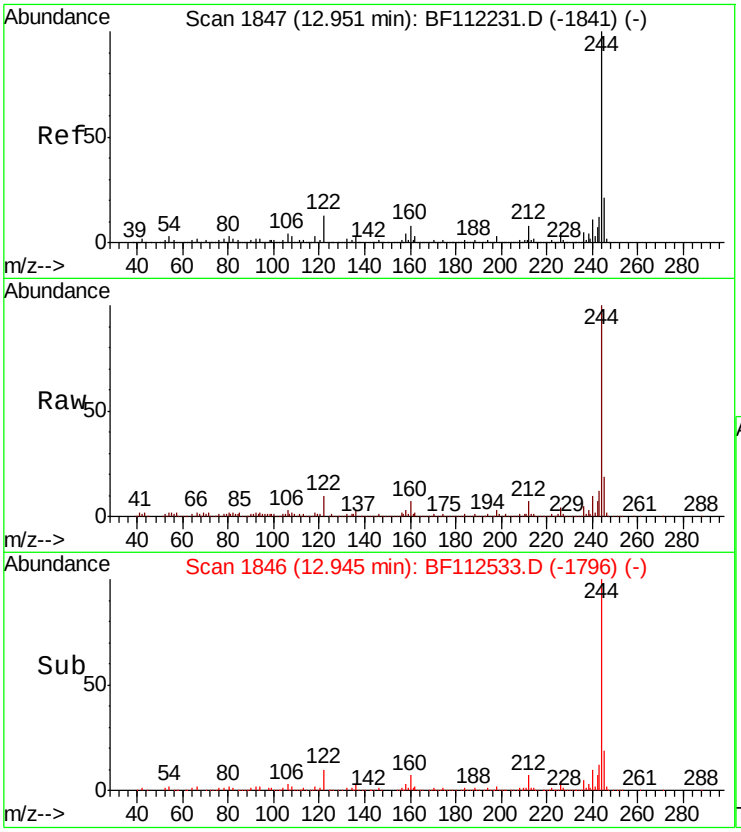


#78
Pyrene
Concen: 5.777 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:202 Resp: 90123

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.7	26.5
203	16.7	14.6	22.0



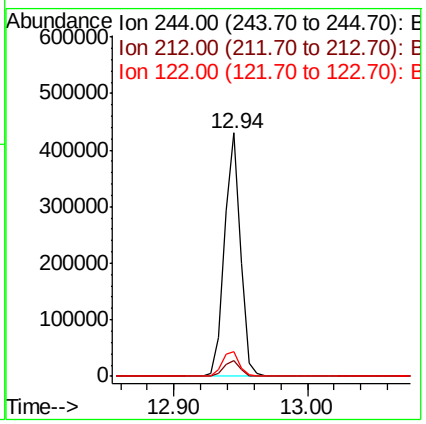


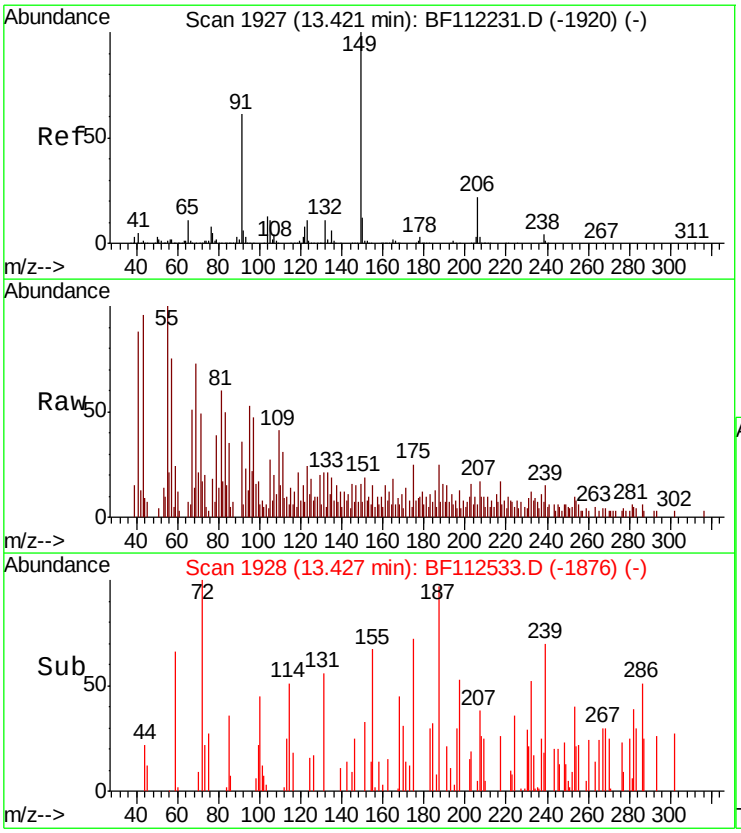
#79
Terphenyl-d14
Concen: 30.463 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:244 Resp: 364415

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.2	9.8	14.6

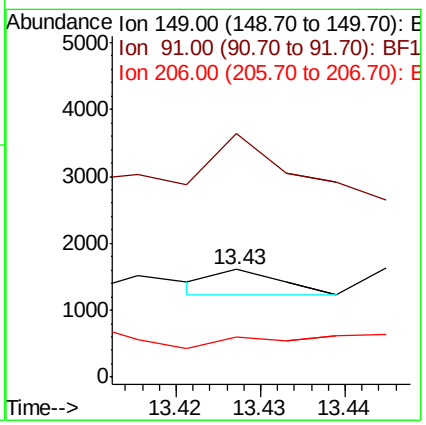


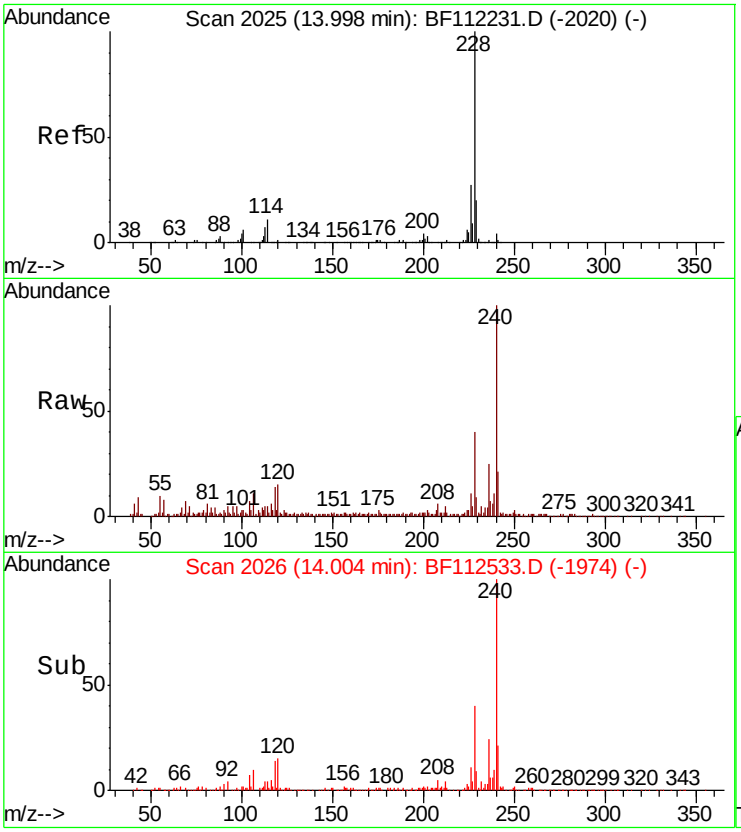


#80
Butylbenzylphthalate
Concen: 0.027 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:149 Resp: 205

Ion	Ratio	Lower	Upper
149	100		
91	225.7	50.3	75.5#
206	37.7	18.2	27.4#



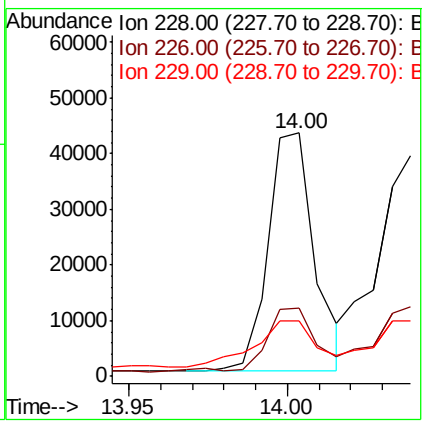


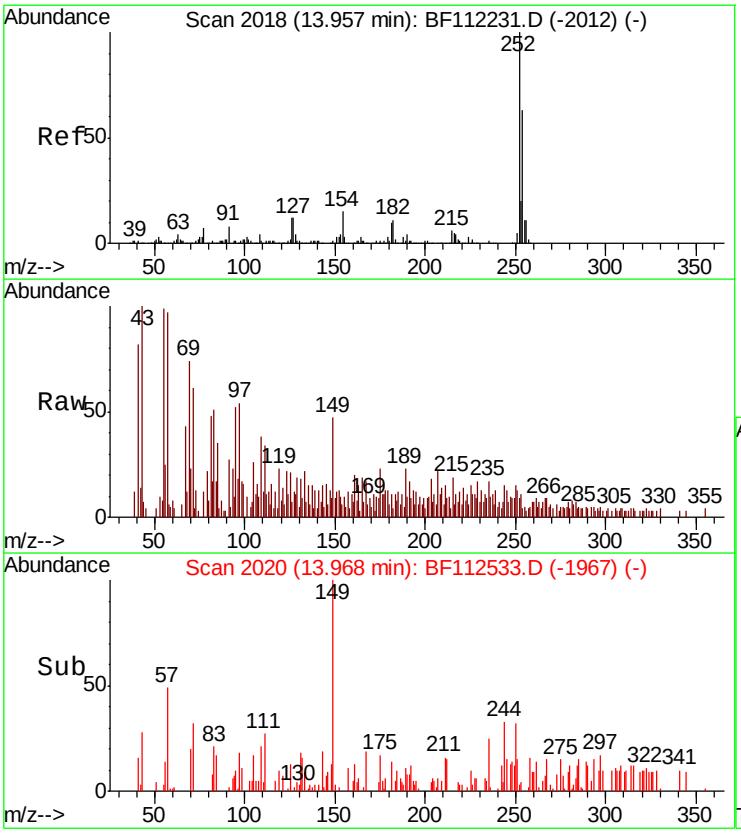
#81
Benzo(a)anthracene
Concen: 3.298 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:228 Resp: 43684

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	23.0	16.5	24.7

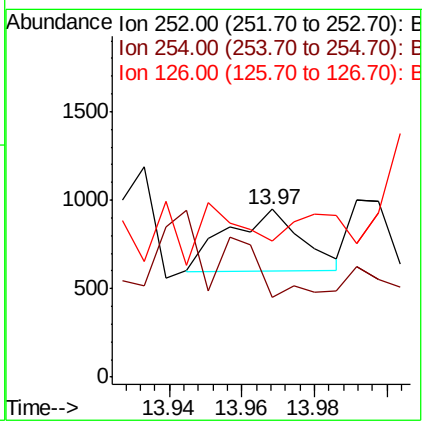


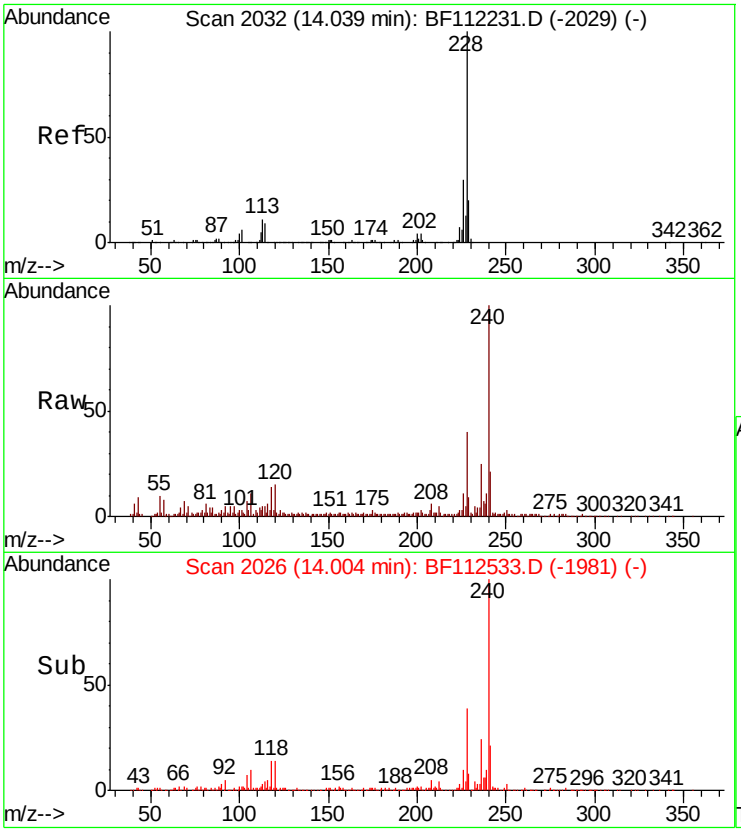


#82
3,3'-Dichlorobenzidine
Concen: 0.102 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:252 Resp: 504

Ion	Ratio	Lower	Upper
252	100		
254	47.7	51.6	77.4#
126	80.8	8.6	12.8#



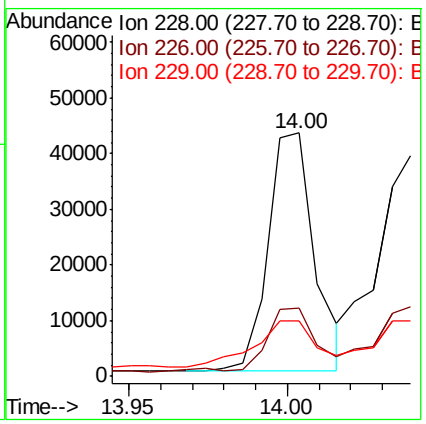


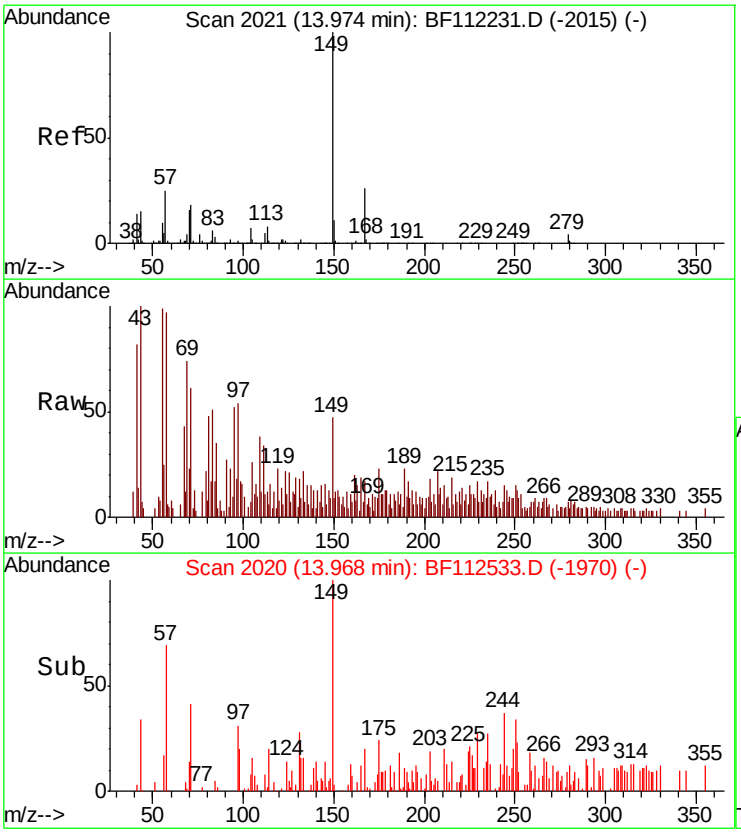
#83
Chrysene
Concen: 3.455 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:228 Resp: 43684

Ion	Ratio	Lower	Upper
228	100		
226	27.9	25.0	37.6
229	23.0	16.6	24.8

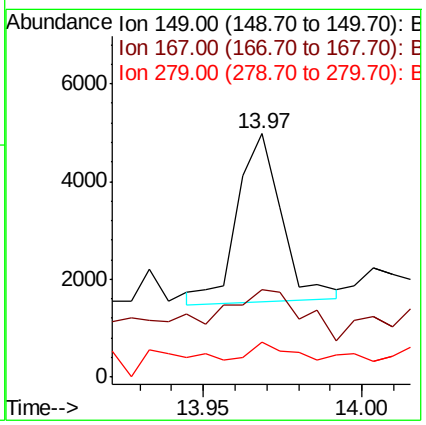


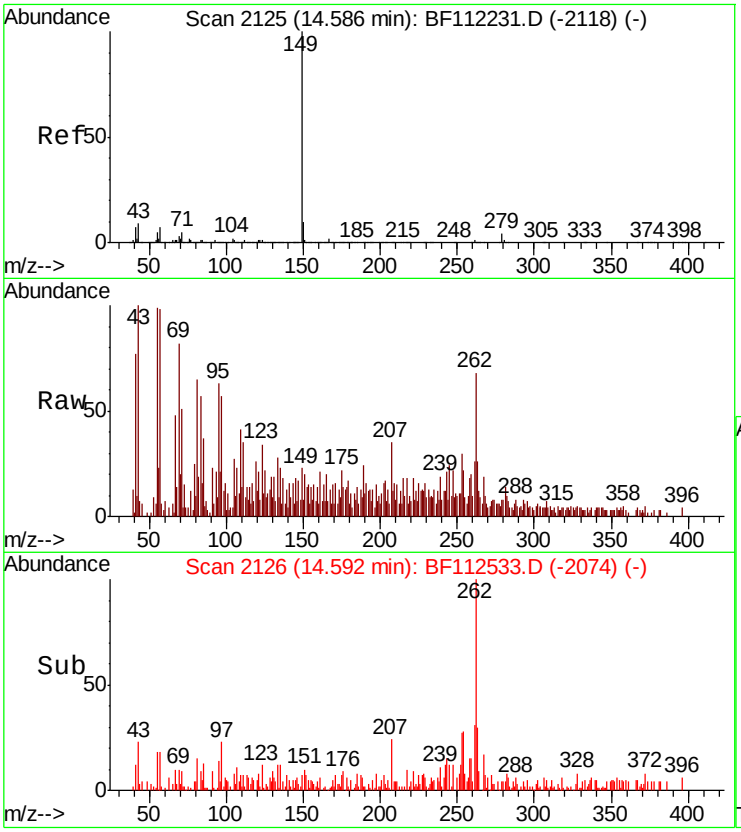


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.309 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:149 Resp: 3306

Ion	Ratio	Lower	Upper
149	100		
167	36.1	22.5	33.7#
279	14.3	3.8	5.6#



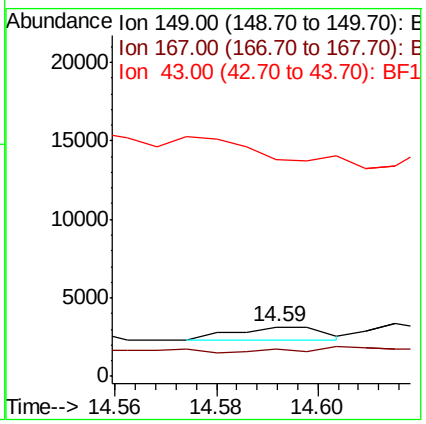


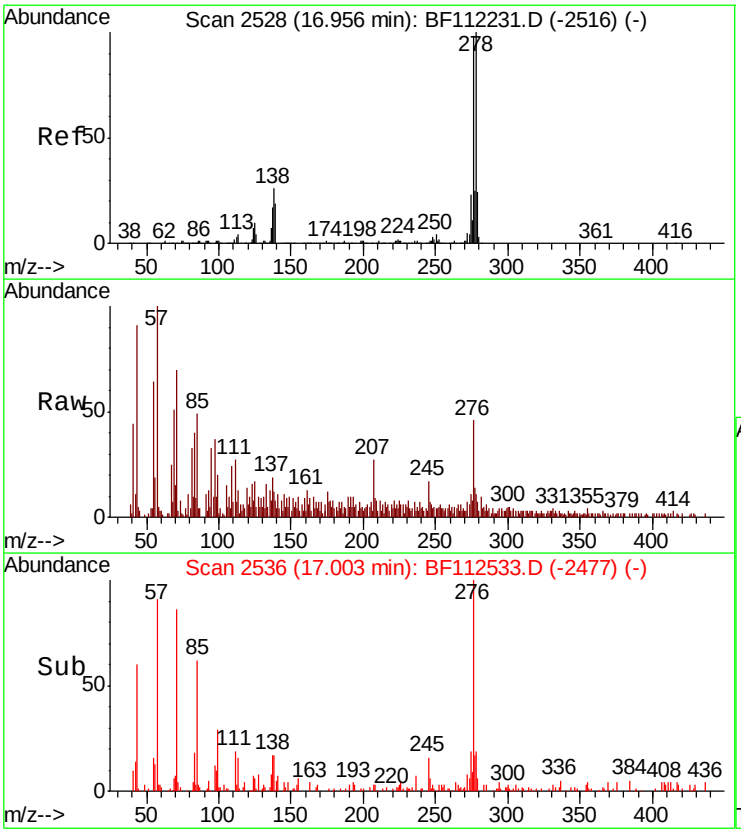
#85
Di-n-octyl phthalate
Concen: 0.058 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:149 Resp: 954

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	7.8	11.6#

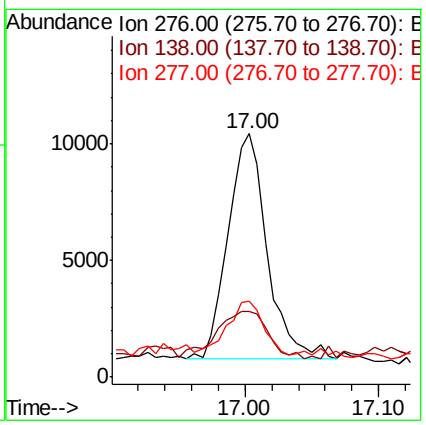


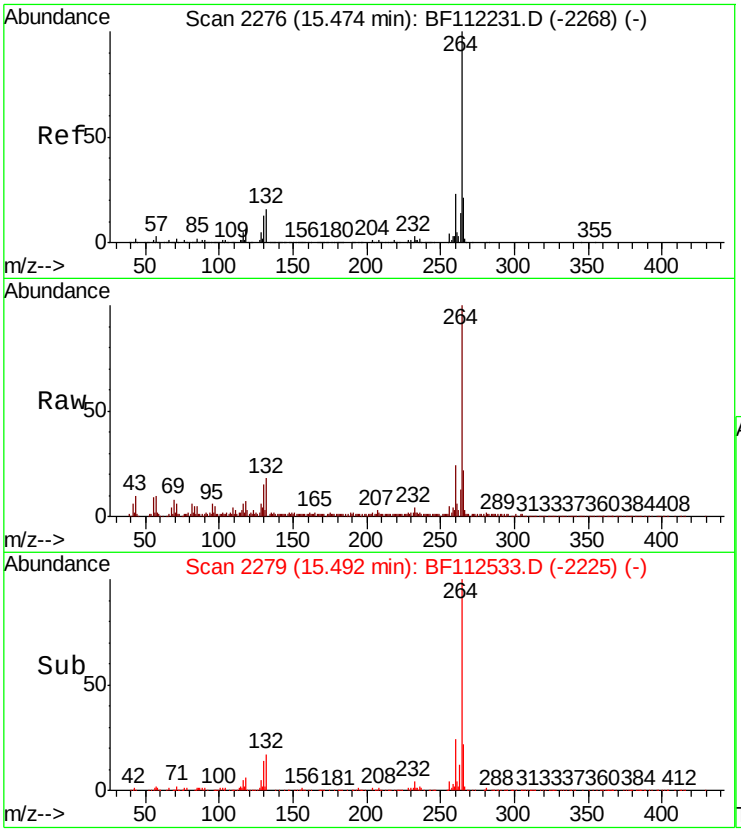


#86
Indeno(1,2,3-cd)pyrene
Concen: 1.977 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:276 Resp: 19803

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.6	34.0
277	21.9	20.3	30.5



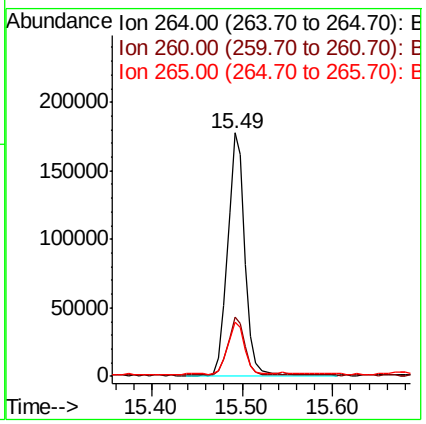


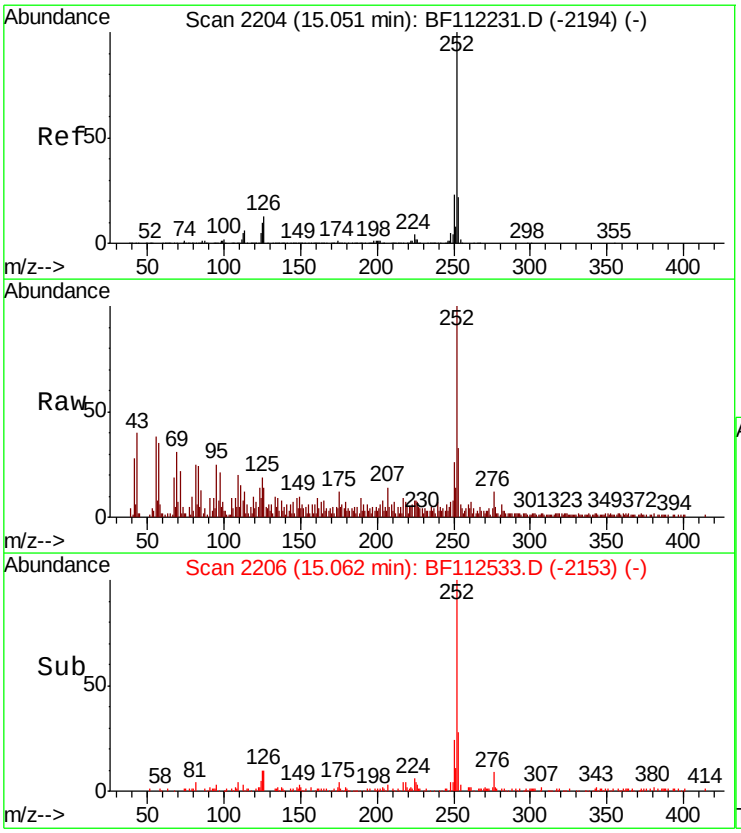
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:264 Resp: 232593

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	22.4	17.0	25.4

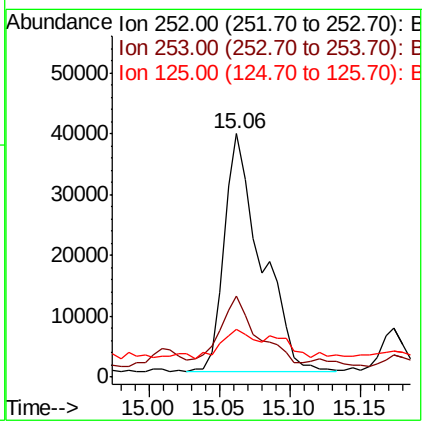


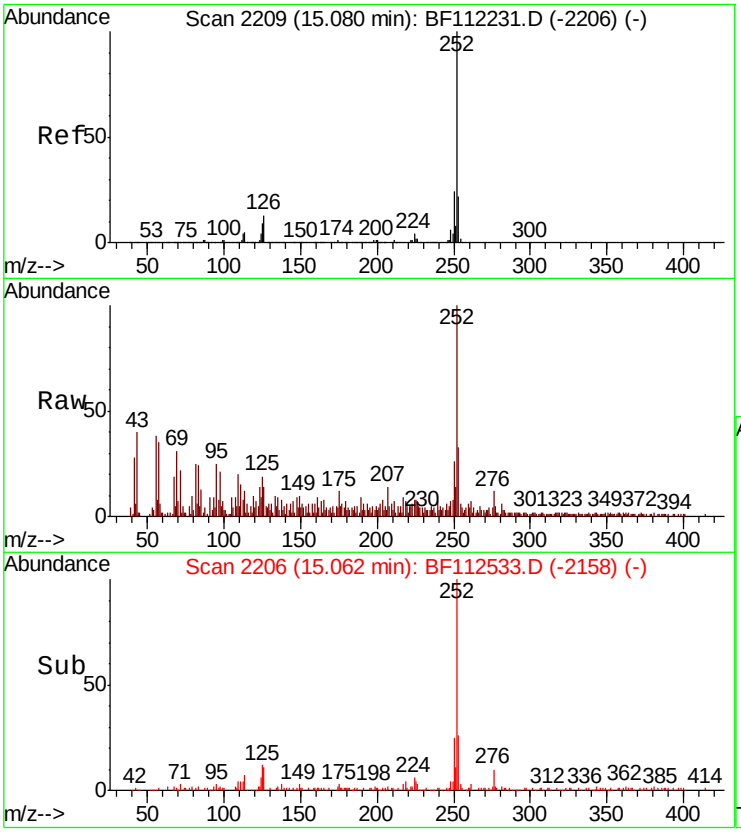


#88
Benzo(b)fluoranthene
Concen: 5.113 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:252 Resp: 71125

Ion	Ratio	Lower	Upper
252	100		
253	33.2	18.0	27.0#
125	19.4	8.7	13.1#



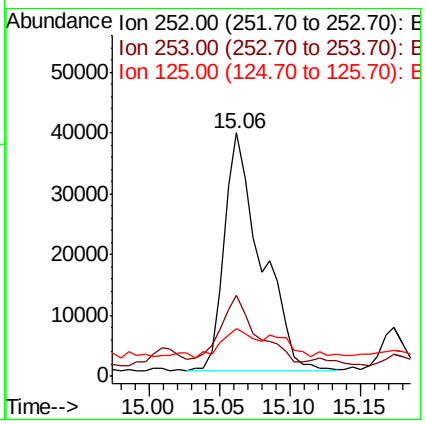


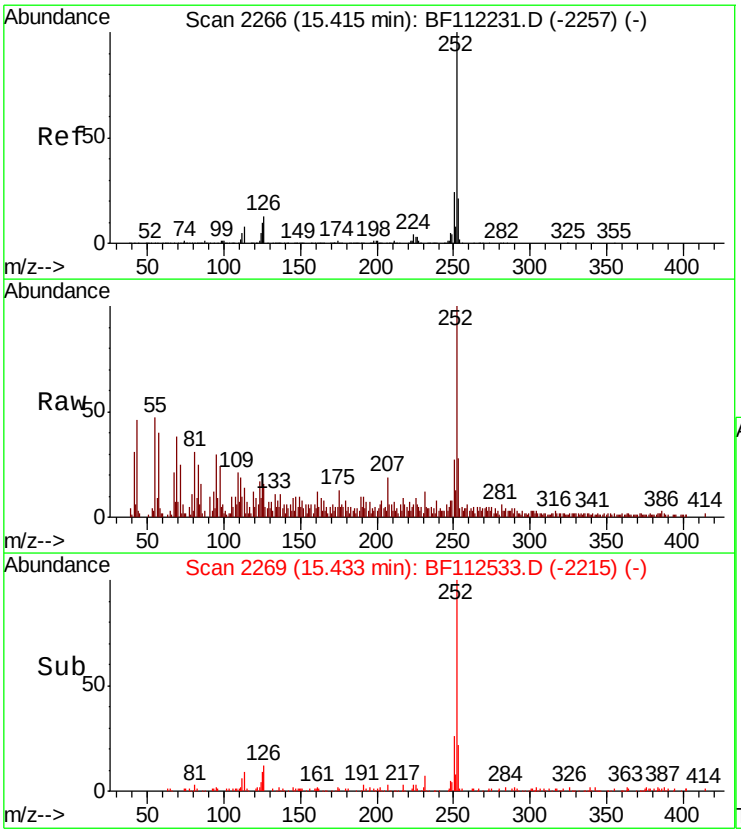
#89
Benzo(k)fluoranthene
Concen: 5.338 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:252 Resp: 71125

Ion	Ratio	Lower	Upper
252	100		
253	33.2	18.0	27.0#
125	19.4	9.1	13.7#

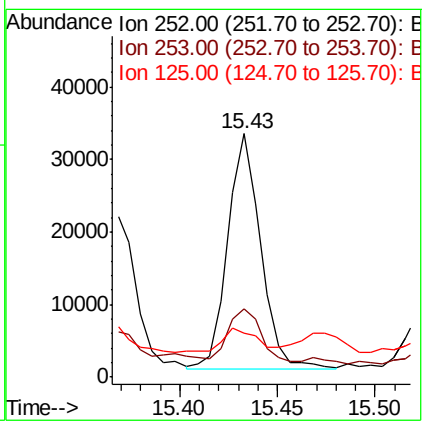


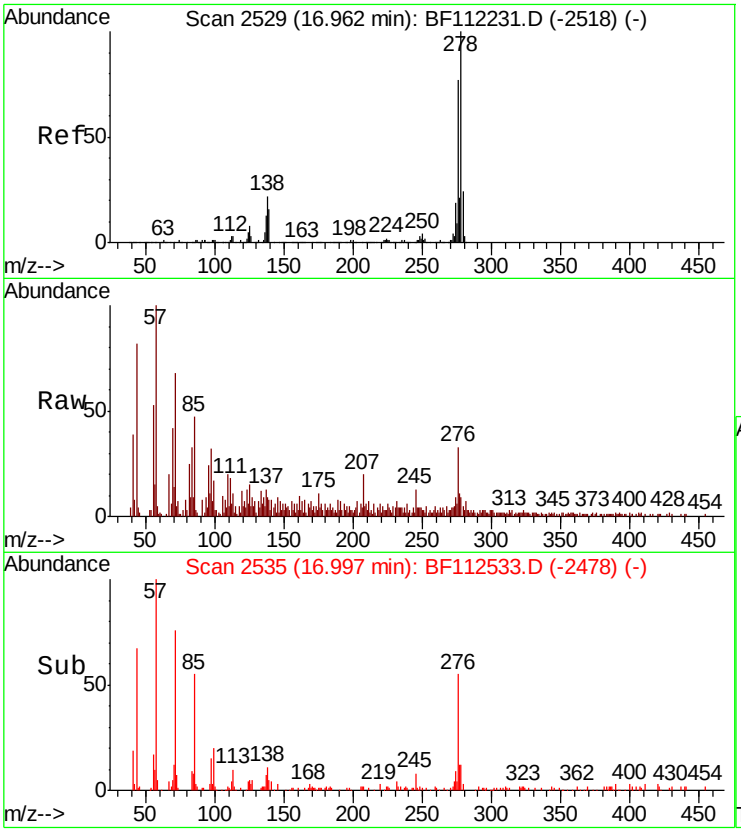


#90
Benzo(a)pyrene
Concen: 3.060 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:252 Resp: 38303

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.5	26.3#
125	18.2	9.0	13.4#



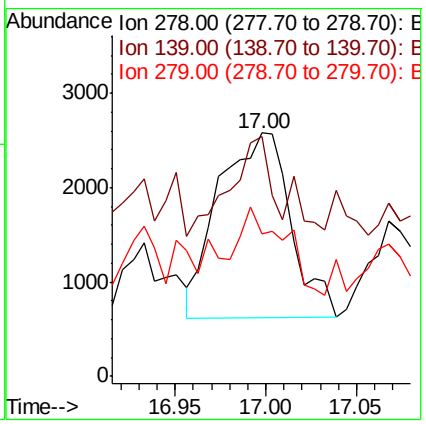


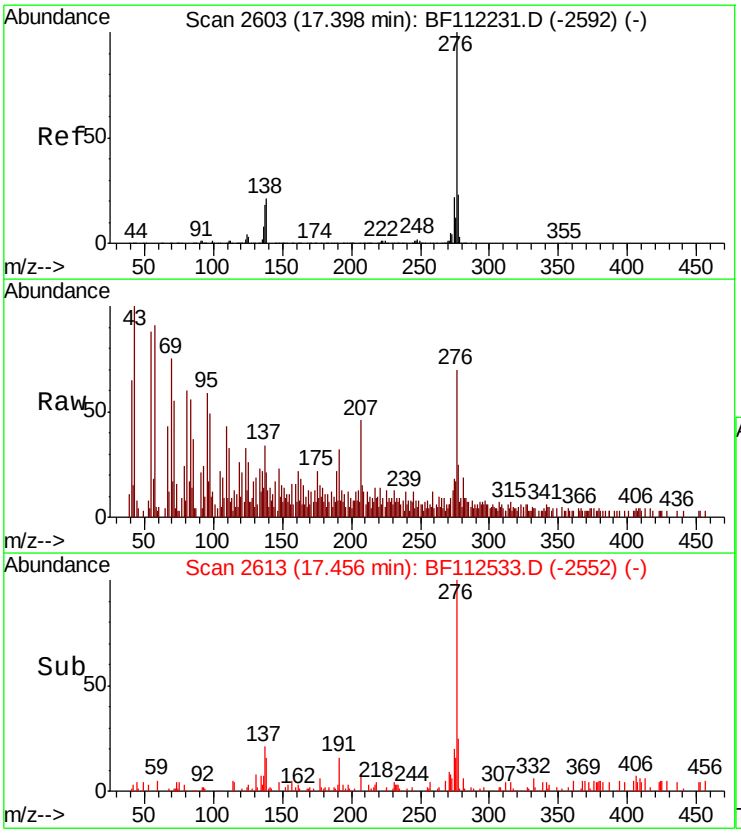
#91
Dibenzo(a,h)anthracene
Concen: 0.537 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-G

Tgt Ion:278 Resp: 5415

Ion	Ratio	Lower	Upper
278	100		
139	98.3	13.7	20.5#
279	58.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 2.063 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.06 min
Lab File: BF112533.D
Acq: 13 Feb 2019 12:32

Tgt Ion:276 Resp: 19638

Ion	Ratio	Lower	Upper
276	100		
277	35.2	19.4	29.0#
138	29.7	19.1	28.7#