Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112732.D
Acq On : 27 Feb 2019 21:23
Operator : JU/SJ
Sample : K1353-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-A

Quant Time: Feb 28 02:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	169122	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	591833	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	243218	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	481106	20.00	ng	0.00
76) Chrysene-d12	13.87	240	473609	20.00	ng	0.00
87) Perylene-d12	15.28	264	335756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	211665	19.47	ng	-0.01
7) Phenol-d6	6.36	99	263047	19.26	ng	-0.01
23) Nitrobenzene-d5	7.29	82	133360	13.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	48052	18.61	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	209240	1.87	ng	0.00
79) Terphenyl-d14	12.83	244	232176	9.50	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.05	42	109	0.017	ng	# 1
6) Aniline	6.37	93	114	0.006	ng	# 1
9) Benzaldehyde	6.30	77	357	0.036	ng	# 1
10) Phenol	6.37	94	6615	0.415	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	305	0.025	ng	# 1
15) Benzyl Alcohol	6.89	79	3066	0.294	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.07	45	115	0.006	ng	# 1
18) Hexachloroethane	7.28	117	2848	0.593	ng	# 1
19) n-Nitroso-di-n-propylamine	7.17	70	1415	0.164	ng	# 33
22) Acetophenone	7.15	105	7933	0.573	ng	# 43
24) Nitrobenzene	7.31	77	894	0.081	ng	# 1
25) Isophorone	7.66	82	11819	0.555	ng	# 67
26) 2-Nitrophenol	7.66	139	379	0.083	ng	# 1
27) 2,4-Dimethylphenol	7.69	122	141	0.017	ng	# 50
28) bis(2-Chloroethoxy)methane	7.77	93	706	0.053	ng	# 1
29) 2,4-Dichlorophenol	7.87	162	142	0.017	ng	# 5
31) Naphthalene	8.04	128	15040	0.512	ng	97
32) Benzoic acid	7.70	122	262	0.044	ng	# 1
33) 4-Chloroaniline	8.10	127	660	0.053	ng	# 1
35) Caprolactam	8.46	113	5161	1.772	ng	# 29
36) 4-Chloro-3-methylphenol	8.56	107	814	0.089	ng	# 20
37) 2-Methylnaphthalene	8.73	142	18938	0.998	ng	97
38) 1-Methylnaphthalene	8.83	142	14246	0.775	ng	# 95
43) 2,4,6-Trichlorophenol	9.21	196	310	0.064	ng	# 12
44) 2,4,5-Trichlorophenol	9.21	196	310	0.059	ng	# 1
46) 1,1'-Biphenyl	9.19	154	7722	0.389	ng	99
47) 2-Chloronaphthalene	9.26	162	243	0.016	ng	# 1
48) 2-Nitroaniline	9.30	65	381	0.081	ng	# 51
49) Acenaphthylene	9.63	152	14265	0.542	ng	# 92
50) Dimethylphthalate	9.49	163	12399	0.691	ng	# 96
51) 2,6-Dinitrotoluene	9.77	165	35557	9.521	ng	# 19
52) Acenaphthene	9.80	154	12167	0.791	ng	97
53) 3-Nitroaniline	9.73	138	890	0.196	ng	# 40
55) Dibenzofuran	9.97	168	13681	0.612	ng	# 86

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112732.D
Acq On : 27 Feb 2019 21:23
Operator : JU/SJ
Sample : K1353-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-022619-A

Quant Time: Feb 28 02:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 4-Nitrophenol	9.87	139	808	0.218	ng	#	13
57) 2,4-Dinitrotoluene	9.77	165	35557	7.660	ng	#	19
58) Fluorene	10.31	166	23203	1.463	ng	#	91
60) Diethylphthalate	10.19	149	1569	0.083	ng	#	46
61) 4-Chlorophenyl-phenylether	10.26	204	117	0.016	ng	#	1
62) 4-Nitroaniline	10.31	138	1276	0.303	ng		85
63) Azobenzene	10.47	77	924	0.048	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.59	198	665	4.917	ng	#	1
66) n-Nitrosodiphenylamine	10.43	169	5961	0.386	ng	#	60
67) 4-Bromophenyl-phenylether	10.55	248	2946	0.581	ng	#	1
69) Atrazine	10.95	200	1151	0.244	ng	#	61
71) Phenanthrene	11.27	178	160847	6.720	ng		99
72) Anthracene	11.32	178	49031	1.957	ng		99
73) Carbazole	11.47	167	11473	0.469	ng	#	86
74) Di-n-butylphthalate	11.82	149	1311	0.045	ng	#	28
75) Fluoranthene	12.45	202	256767	10.012	ng		95
77) Benzidine	12.62	184	484	0.020	ng	#	1
78) Pyrene	12.68	202	254222	6.367	ng		98
80) Butylbenzylphthalate	13.30	149	661	0.038	ng	#	7
81) Benzo(a)anthracene	13.86	228	116935	3.562	ng		95
82) 3,3'-Dichlorobenzidine	13.83	252	270	0.022	ng	#	61
83) Chrysene	13.89	228	107846	3.354	ng		97
84) Bis(2-ethylhexyl)phthalate	13.87	149	3368	0.163	ng	#	78
85) Di-n-octyl phthalate	14.49	149	1544	0.043	ng	#	71
86) Indeno(1,2,3-cd)pyrene	16.63	276	37687	1.375	ng		94
88) Benzo(b)fluoranthene	14.88	252	136194	6.271	ng	#	91
89) Benzo(k)fluoranthene	14.88	252	136194	6.923	ng	#	91
90) Benzo(a)pyrene	15.22	252	70459	3.668	ng	#	90
91) Dibenzo(a,h)anthracene	16.63	278	9011	0.550	ng	#	42
92) Benzo(g,h,i)perylene	17.03	276	35040	2.129	ng		97

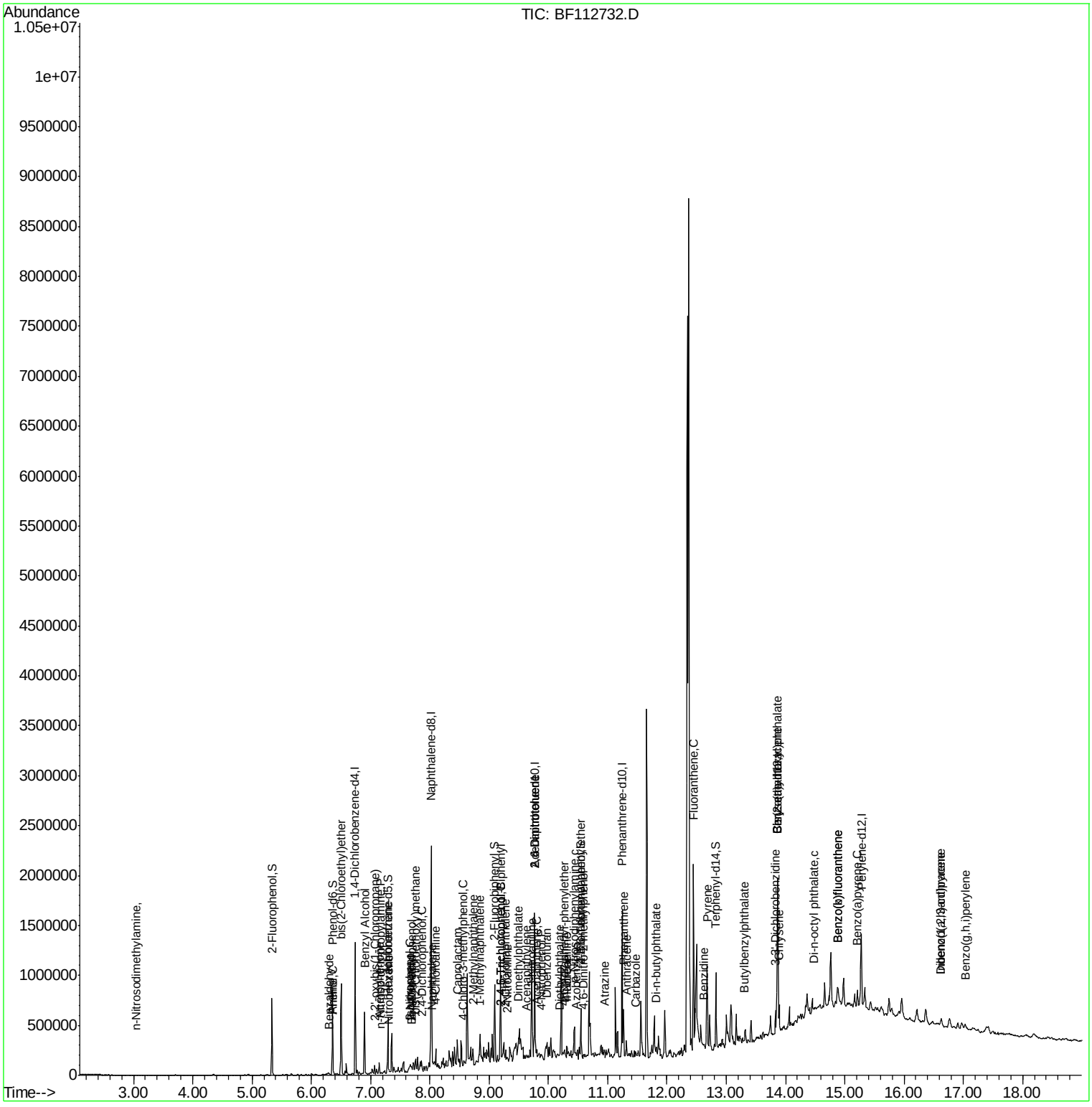
(#) = qualifier out of range (m) = manual integration (+) = signals summed

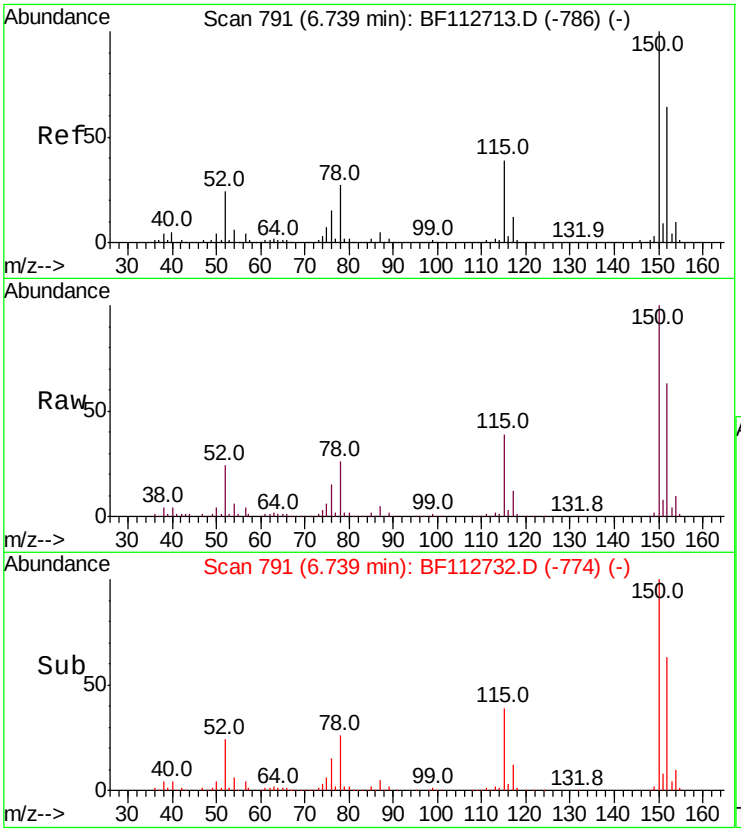
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112732.D
Acq On : 27 Feb 2019 21:23
Operator : JU/SJ
Sample : K1353-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Quant Time: Feb 28 02:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



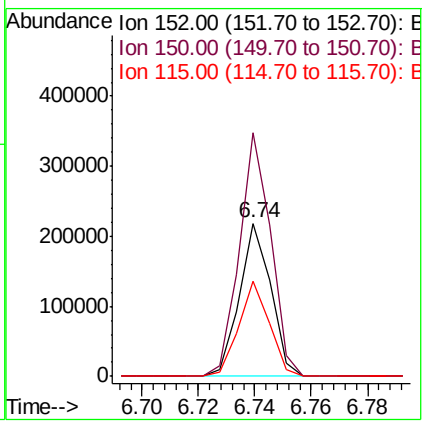


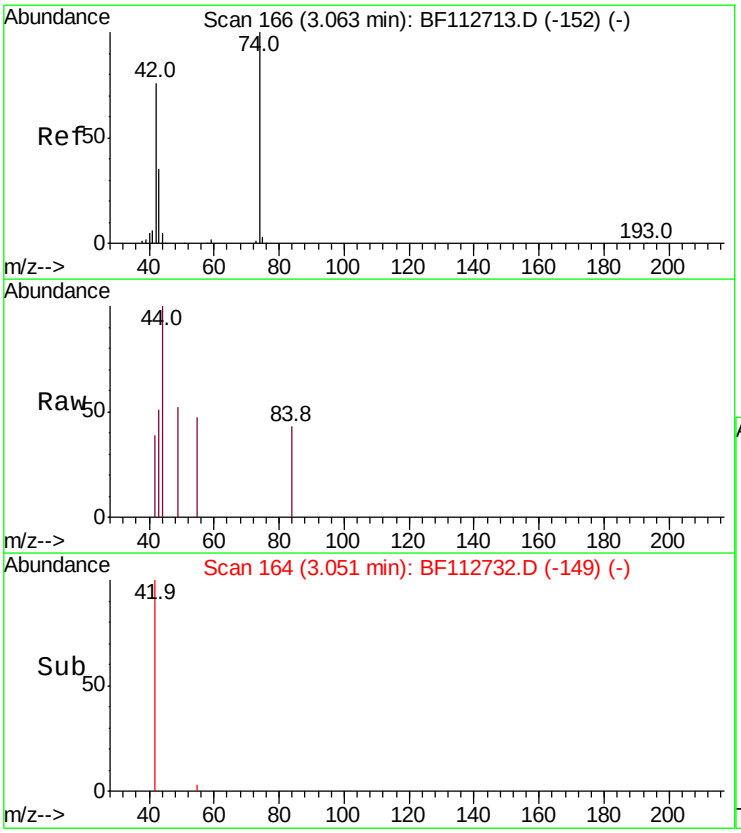
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:152 Resp: 169122

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.2	186.2
115	62.5	48.2	72.4

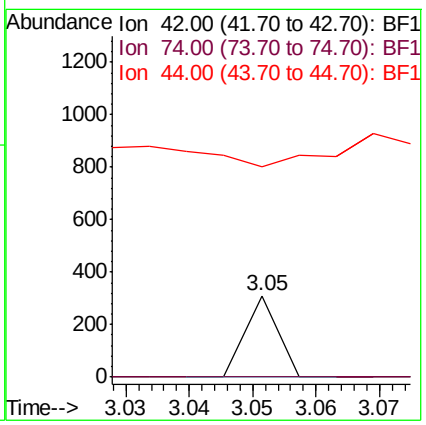


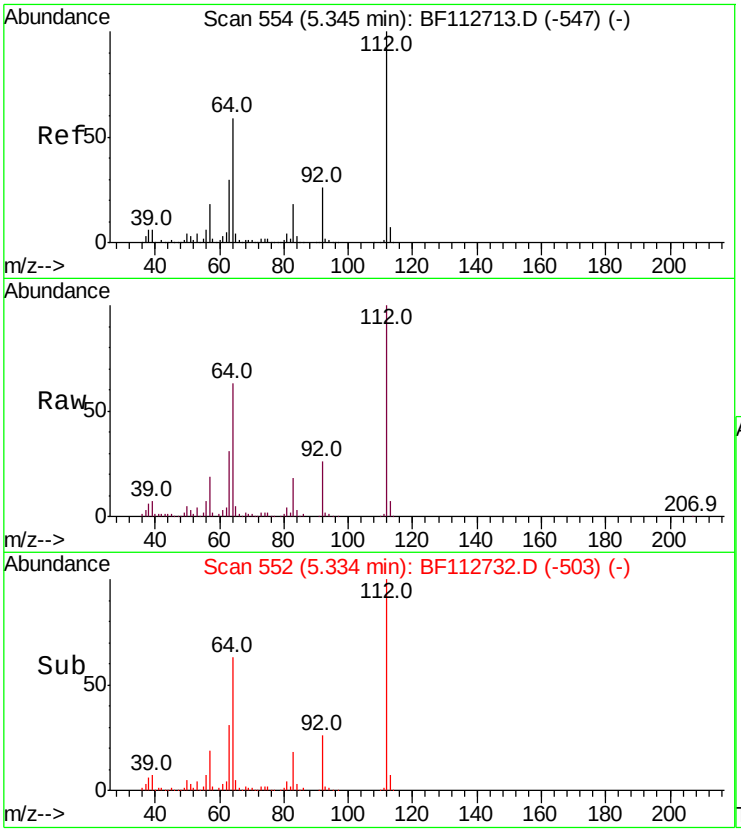


#4
n-Nitrosodimethylamine
Concen: 0.017 ng
RT: 3.05 min Scan# 164
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 42 Resp: 109

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	259.5	6.2	9.2#



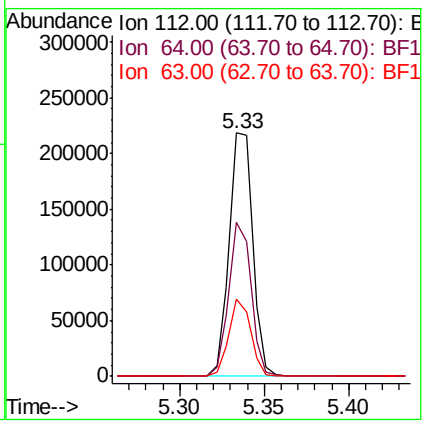


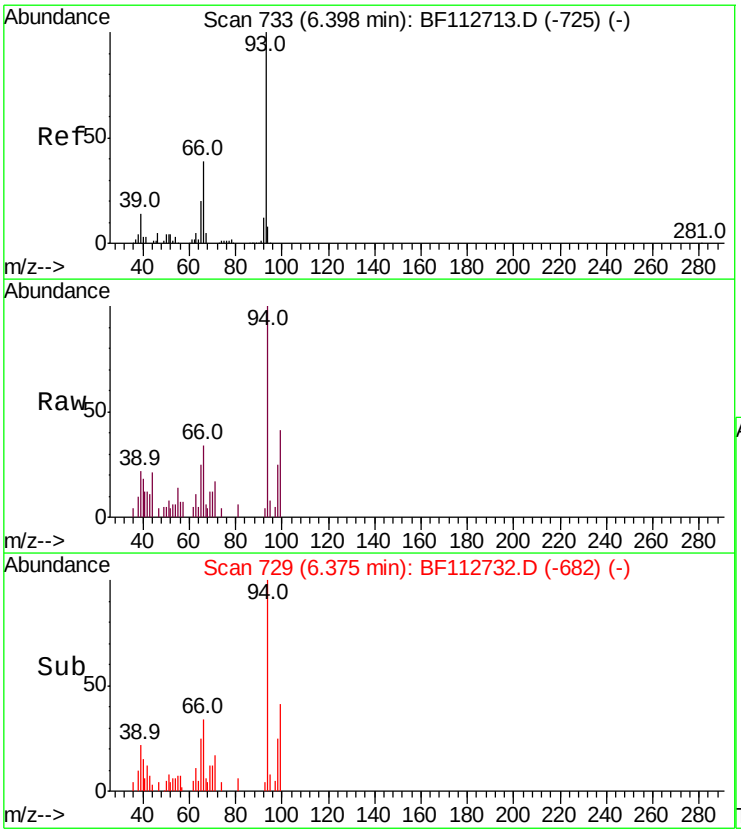
#5
2-Fluorophenol
Concen: 19.468 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:112 Resp: 211665

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.6	71.4
63	31.5	24.4	36.6

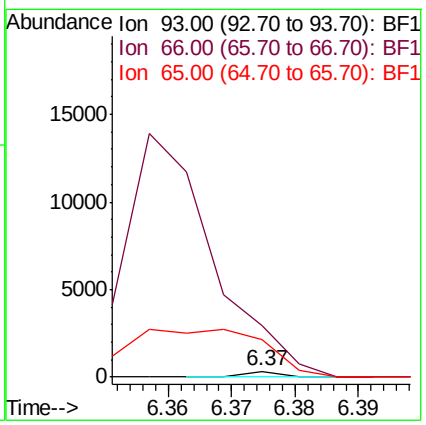


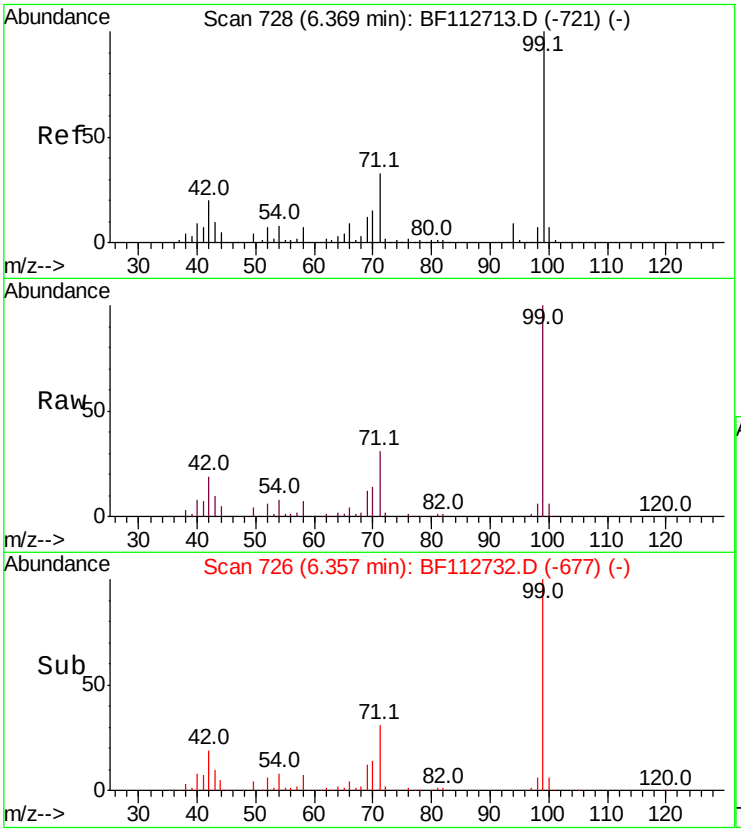


#6
Aniline
Concen: 0.006 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 93 Resp: 114

Ion	Ratio	Lower	Upper
93	100		
66	910.2	32.2	48.2#
65	660.6	16.2	24.4#



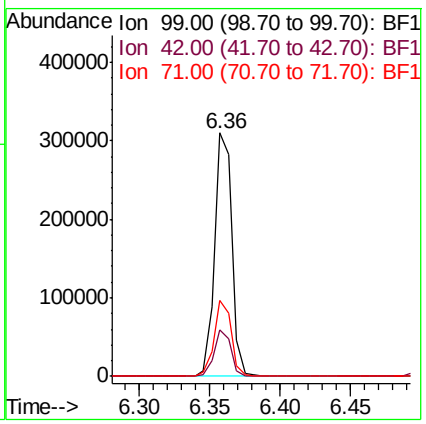


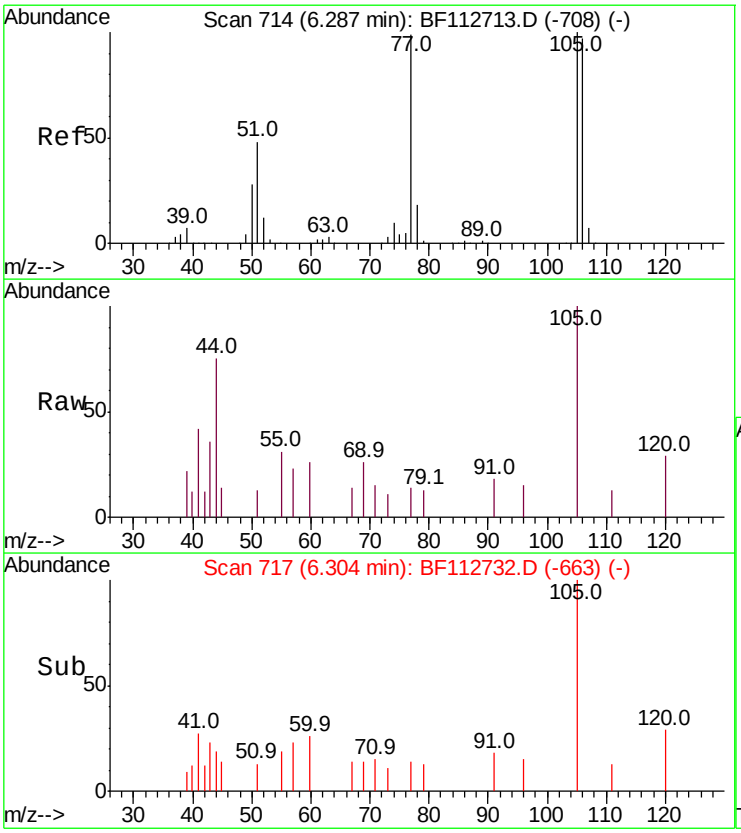
#7
Phenol-d6
Concen: 19.261 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion: 99 Resp: 263047

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	31.4	26.2	39.4

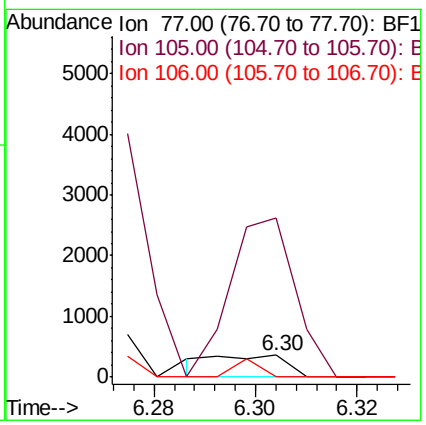


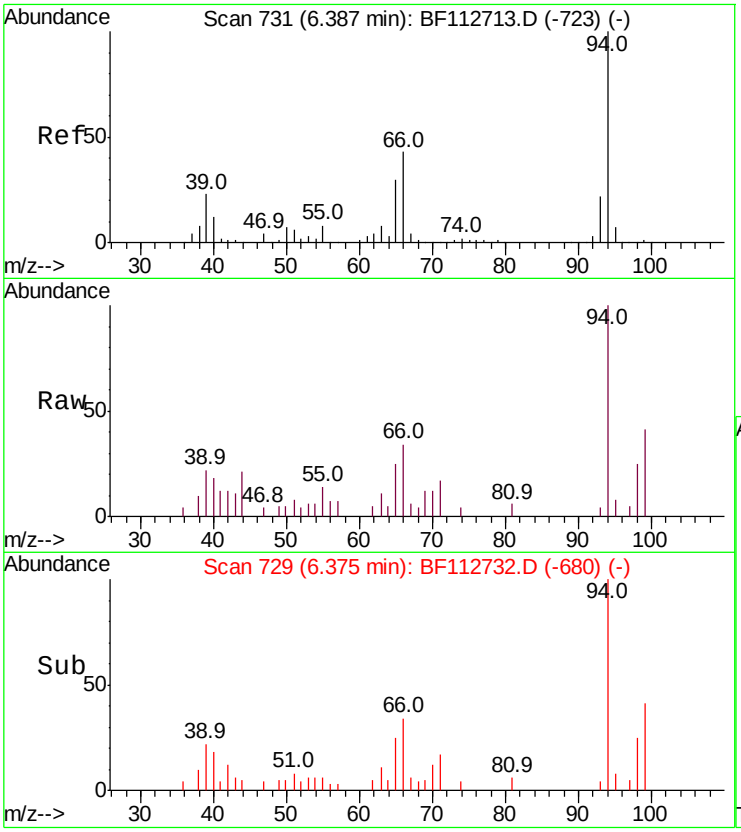


#9
Benzaldehyde
Concen: 0.036 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 77 Resp: 357

Ion	Ratio	Lower	Upper
77	100		
105	719.8	81.4	121.4#
106	0.0	78.3	118.3#



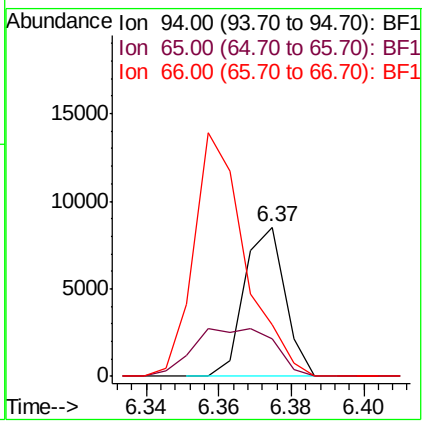


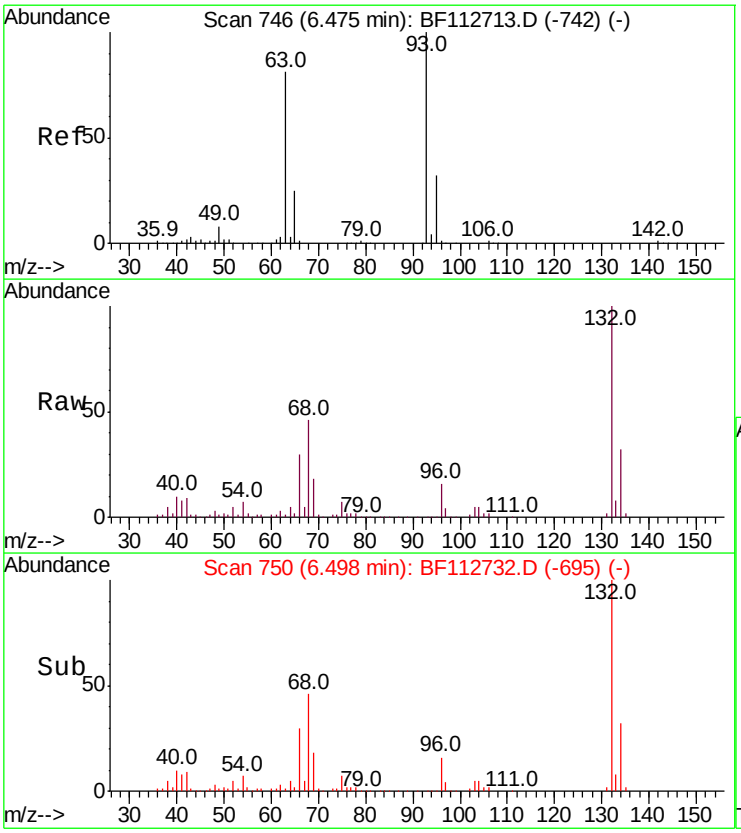
#10
Phenol
Concen: 0.415 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion: 94 Resp: 6615

Ion	Ratio	Lower	Upper
94	100		
65	25.0	10.5	50.5
66	34.4	22.6	62.6

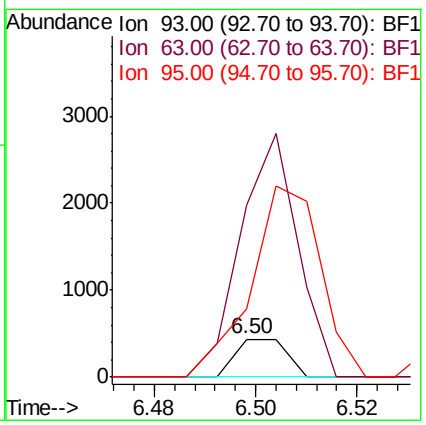


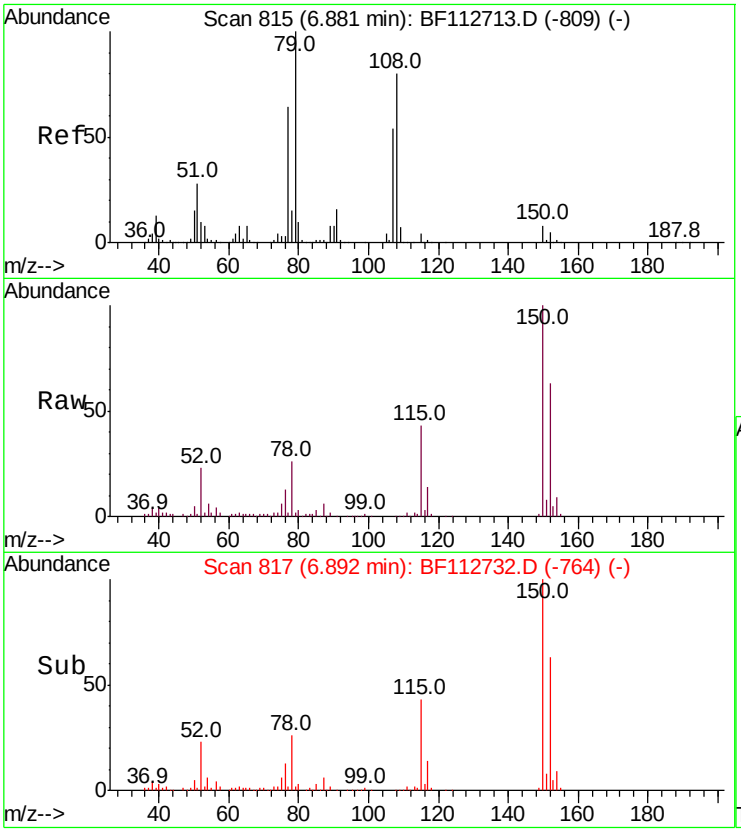


#11
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 93 Resp: 305

Ion	Ratio	Lower	Upper
93	100		
63	453.9	60.5	100.5#
95	180.2	12.1	52.1#



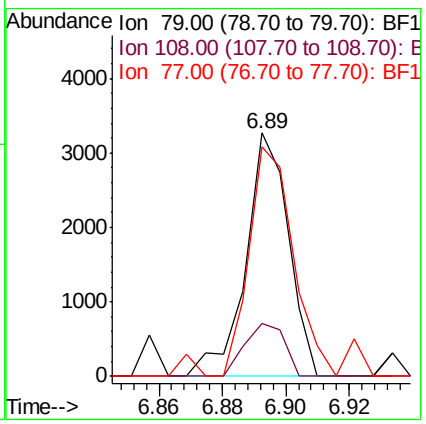


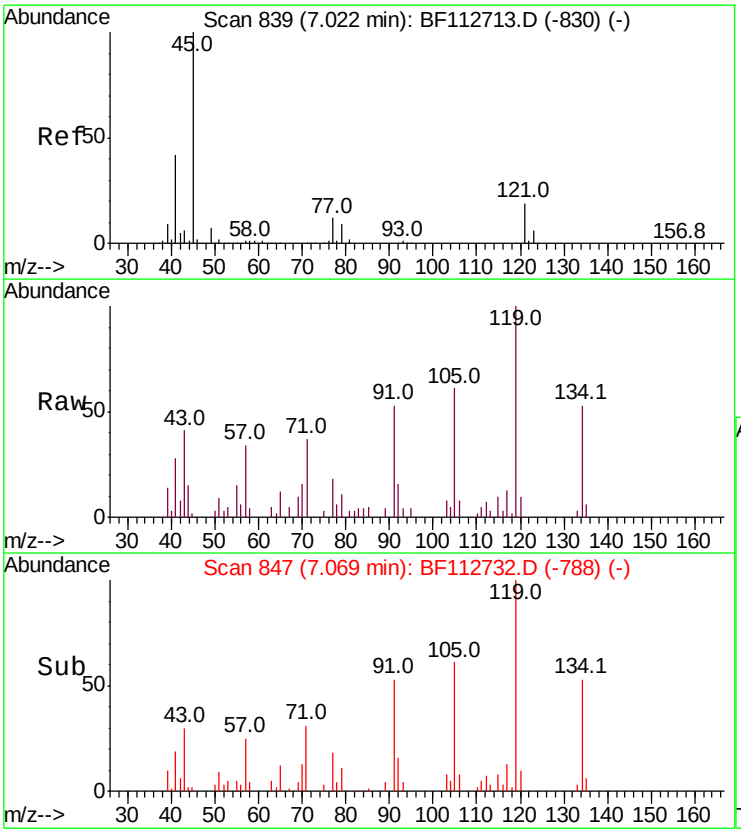
#15
Benzyl Alcohol
Concen: 0.294 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion: 79 Resp: 3066

Ion	Ratio	Lower	Upper
79	100		
108	21.8	64.2	96.4#
77	94.1	51.1	76.7#

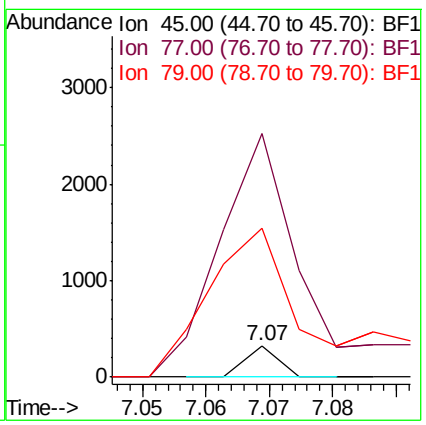


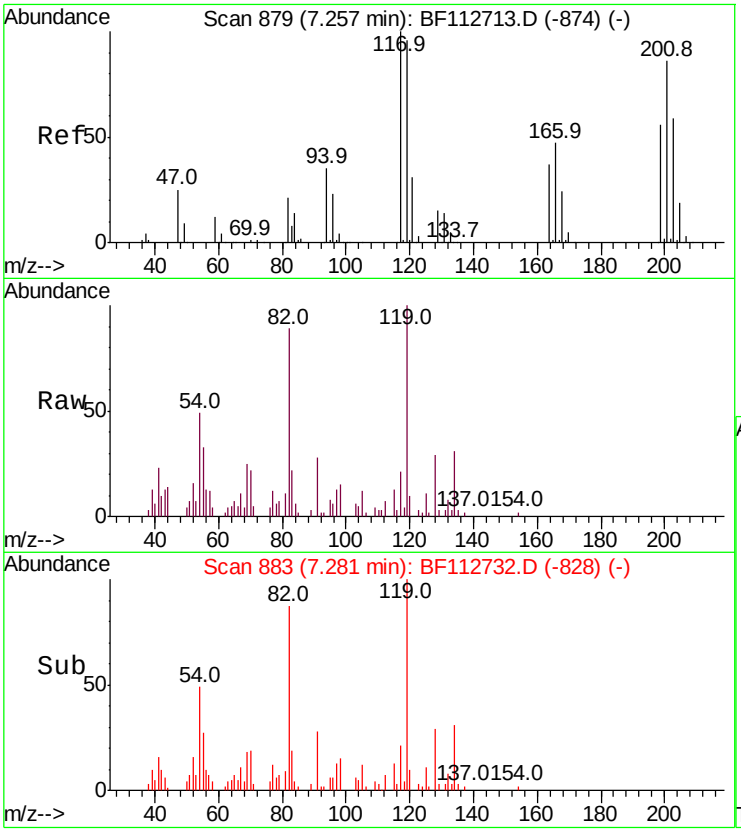


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.05 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 45 Resp: 115

Ion	Ratio	Lower	Upper
45	100		
77	774.2	0.0	32.1#
79	473.6	0.0	29.4#



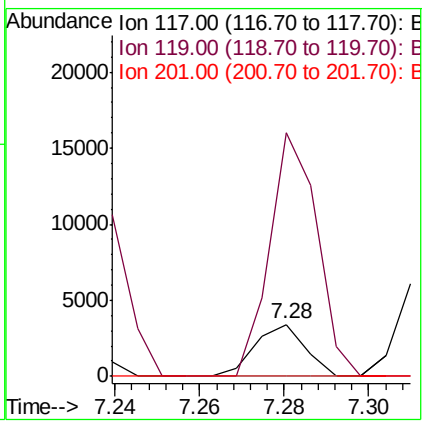


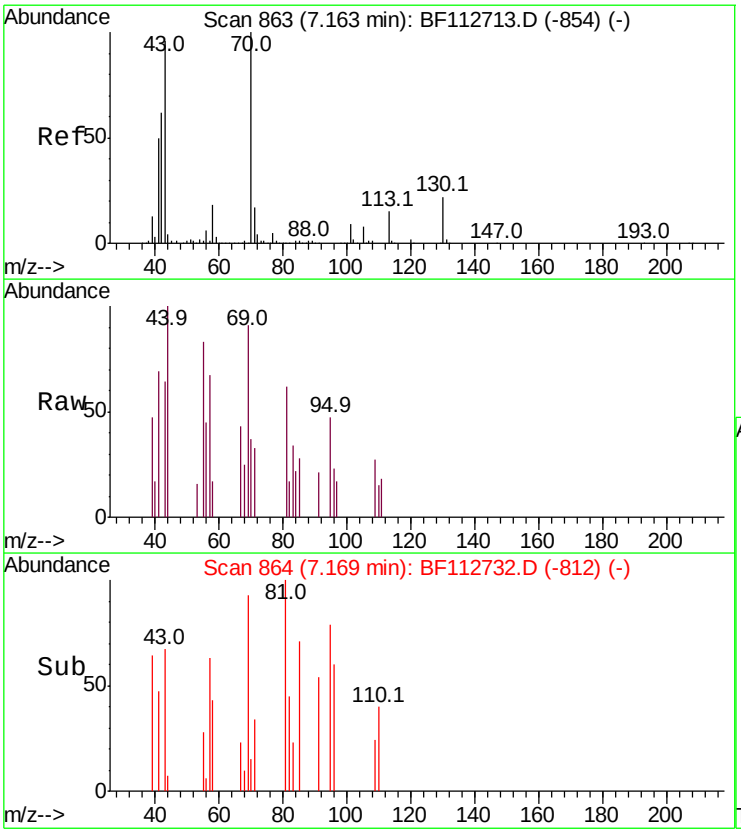
#18
Hexachloroethane
Concen: 0.593 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:117 Resp: 2848

Ion	Ratio	Lower	Upper
117	100		
119	470.1	76.6	115.0#
201	0.0	68.9	103.3#

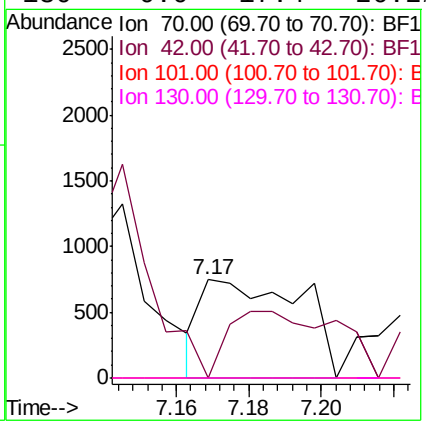


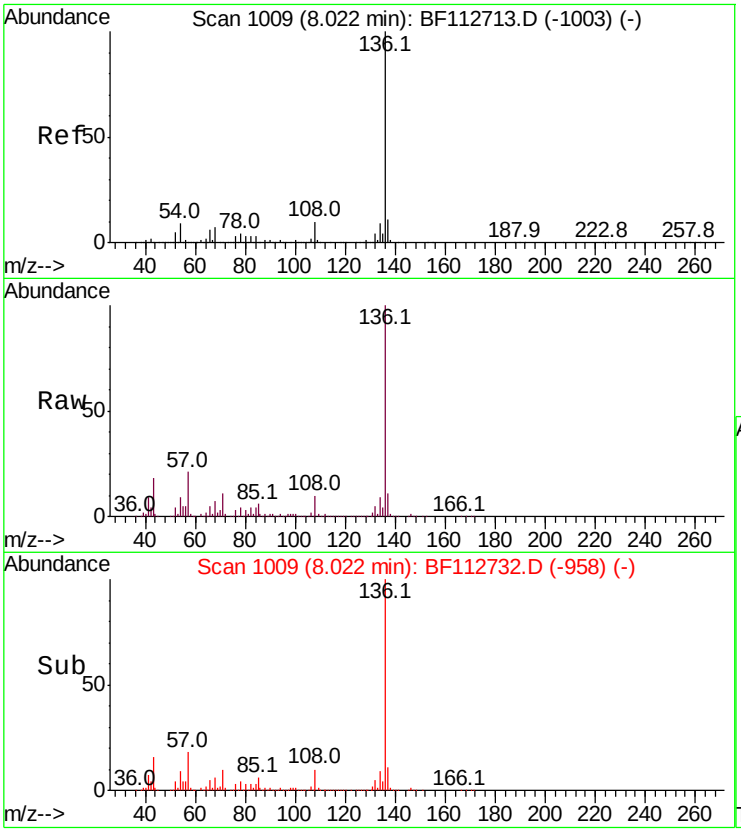


#19
n-Nitroso-di-n-propylamine
Concen: 0.164 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 70 Resp: 1415

Ion	Ratio	Lower	Upper
70	100		
42	0.0	49.9	74.9#
101	0.0	7.4	11.2#
130	0.0	17.4	26.2#



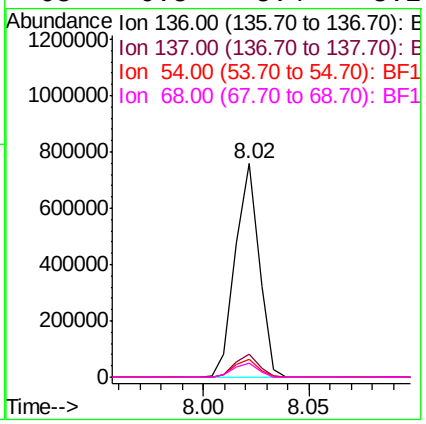


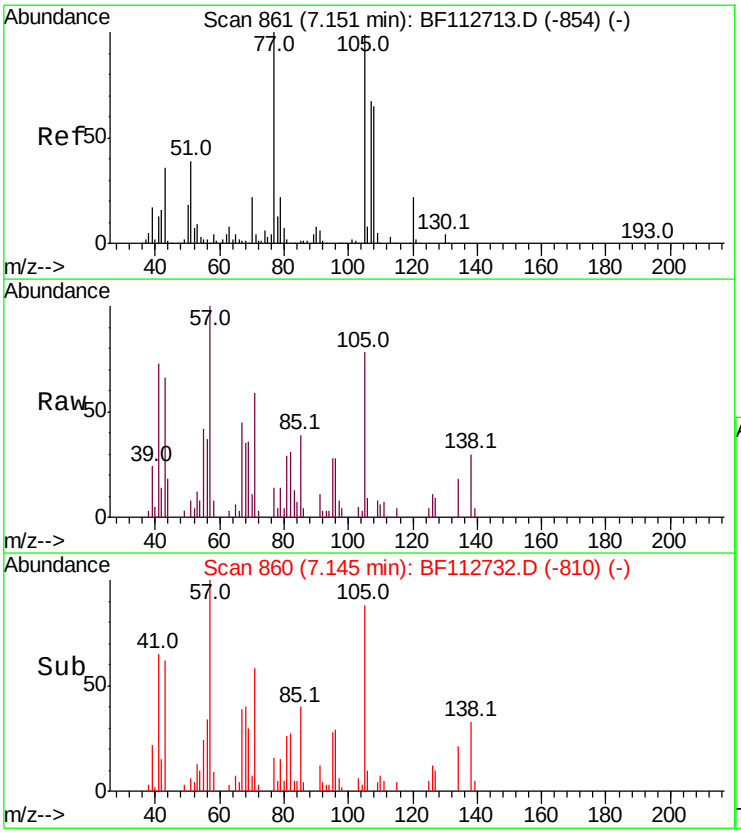
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:136 Resp: 591833

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	7.3	10.9
68	6.5	5.4	8.2

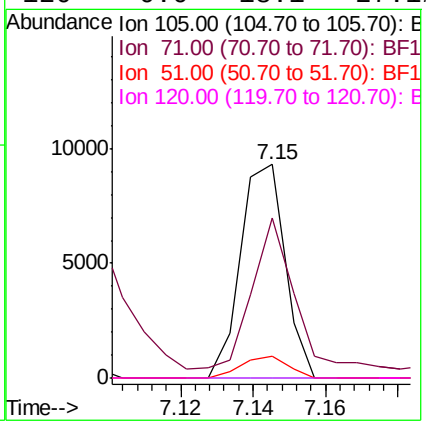


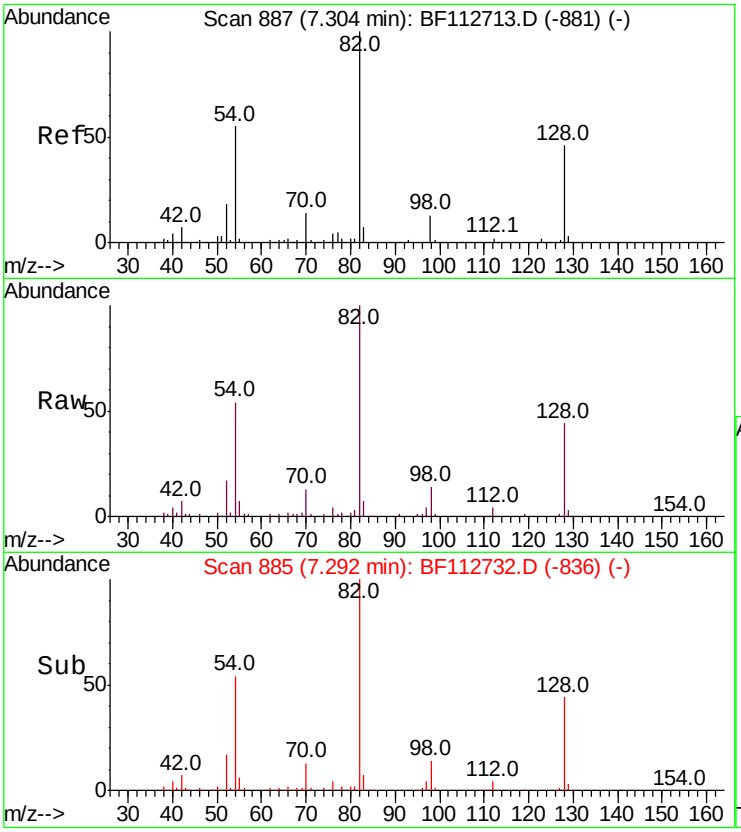


#22
Acetophenone
Concen: 0.573 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:105 Resp: 7933

Ion	Ratio	Lower	Upper
105	100		
71	75.1	3.0	4.4#
51	10.1	31.5	47.3#
120	0.0	18.1	27.1#



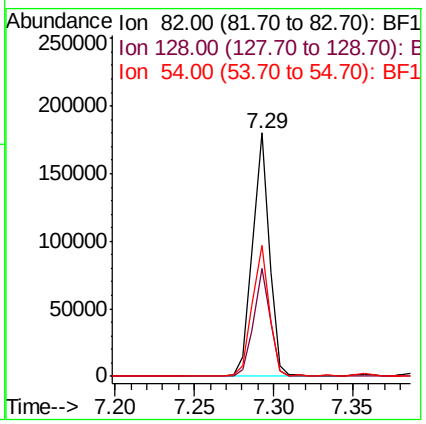


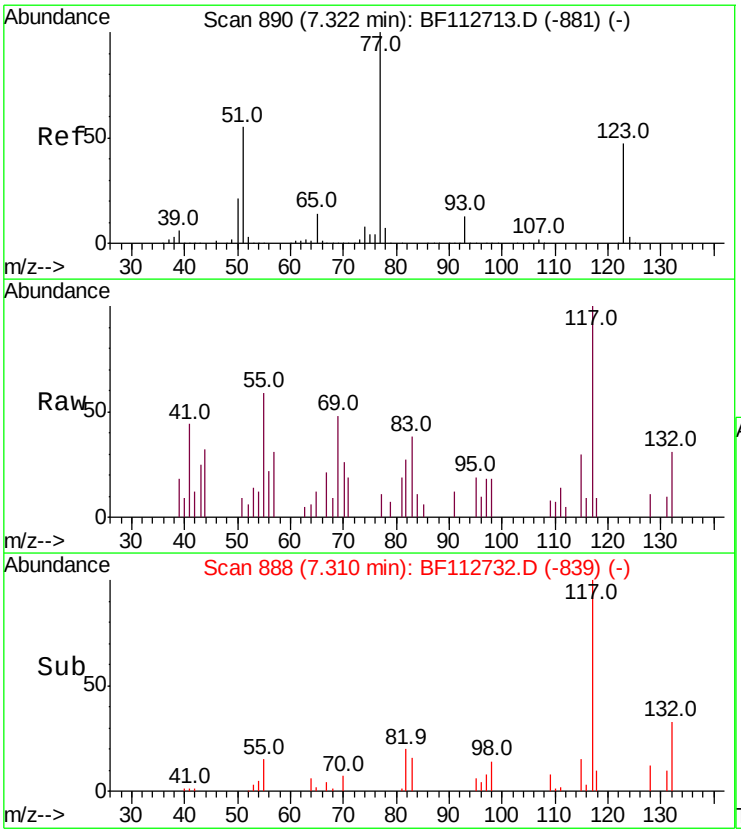
#23
Nitrobenzene-d5
Concen: 13.484 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion: 82 Resp: 133360

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.3	54.5
54	53.7	43.7	65.5

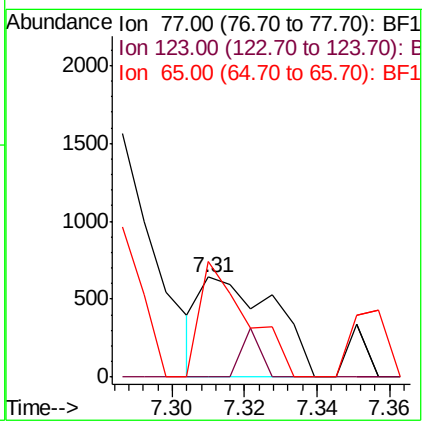


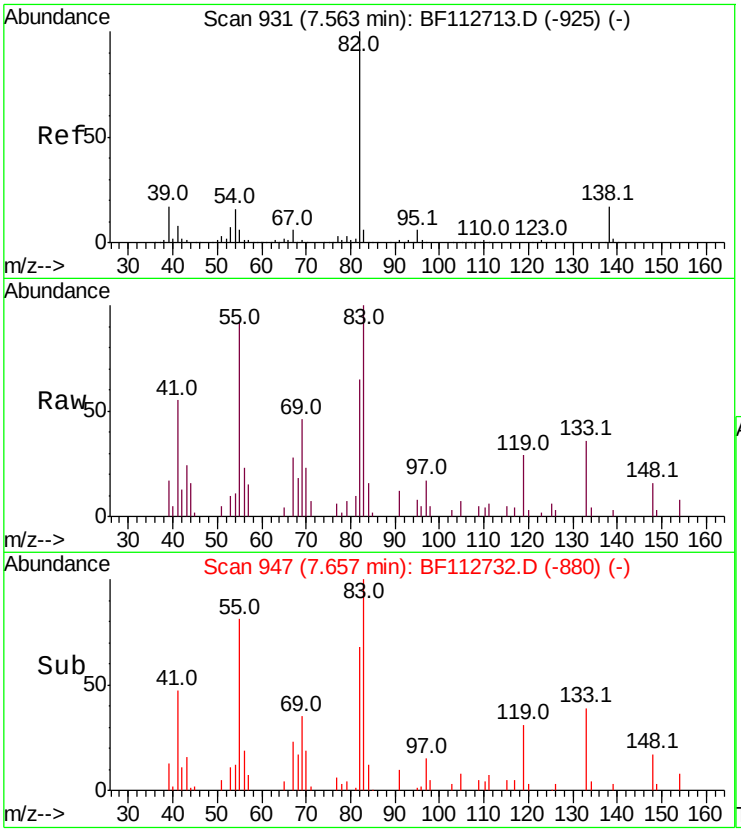


#24
Nitrobenzene
Concen: 0.081 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 77 Resp: 894

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	115.7	11.1	16.7#



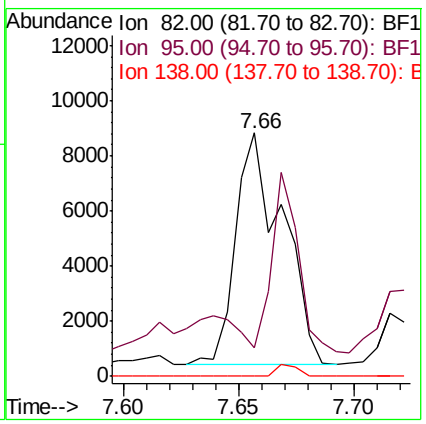


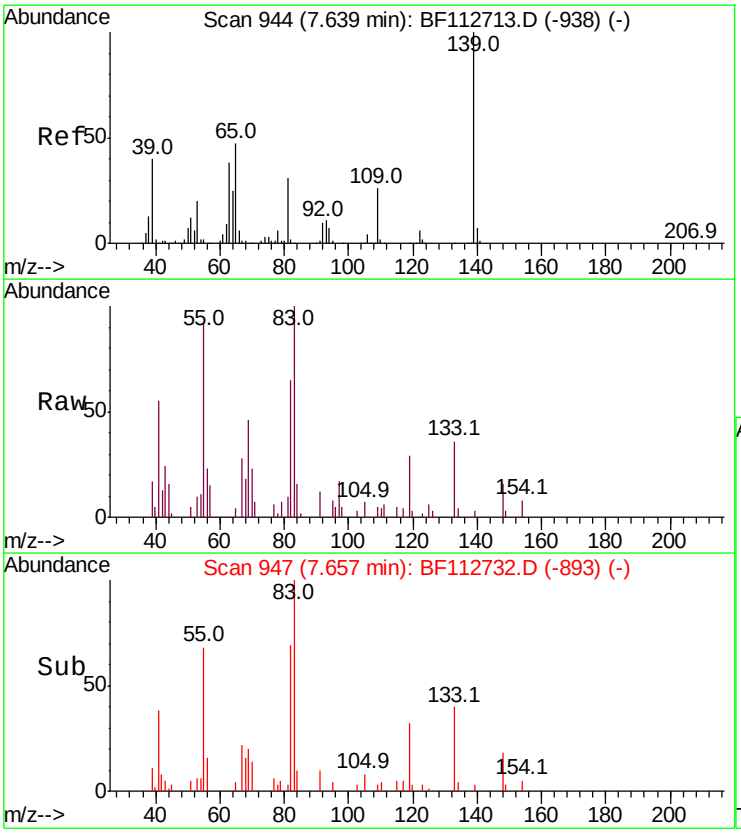
#25
Isophorone
Concen: 0.555 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.09 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion: 82 Resp: 11819

Ion	Ratio	Lower	Upper
82	100		
95	11.8	5.2	7.8#
138	0.0	13.8	20.8#

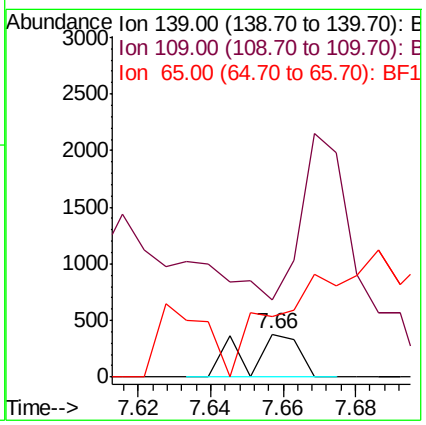


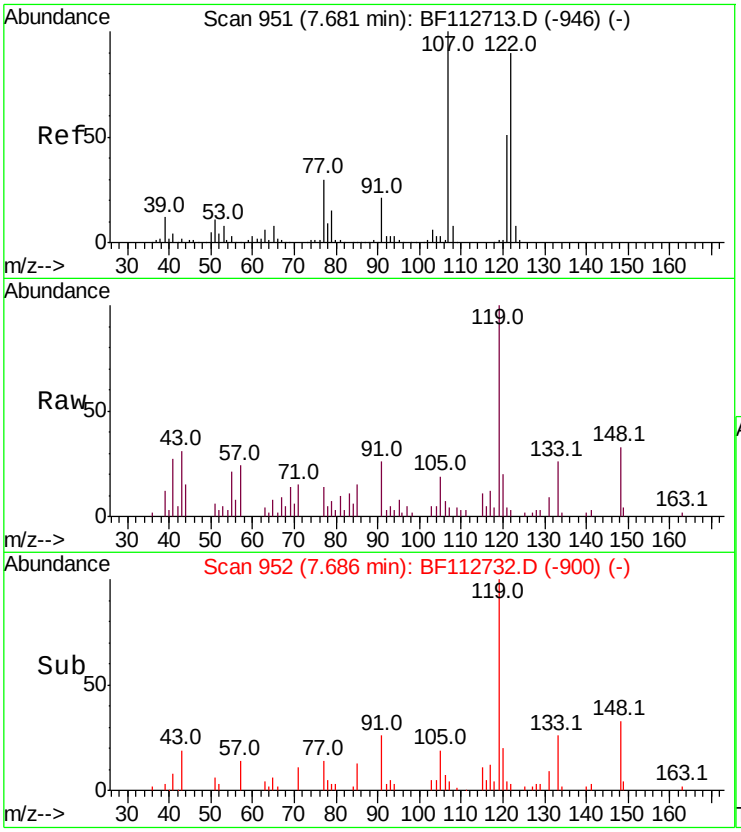


#26
2-Nitrophenol
Concen: 0.083 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:139 Resp: 379

Ion	Ratio	Lower	Upper
139	100		
109	180.0	20.6	31.0#
65	141.6	37.9	56.9#



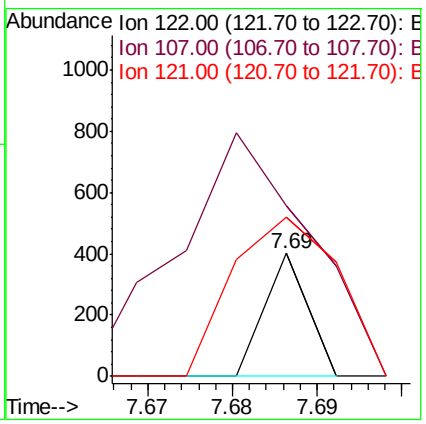


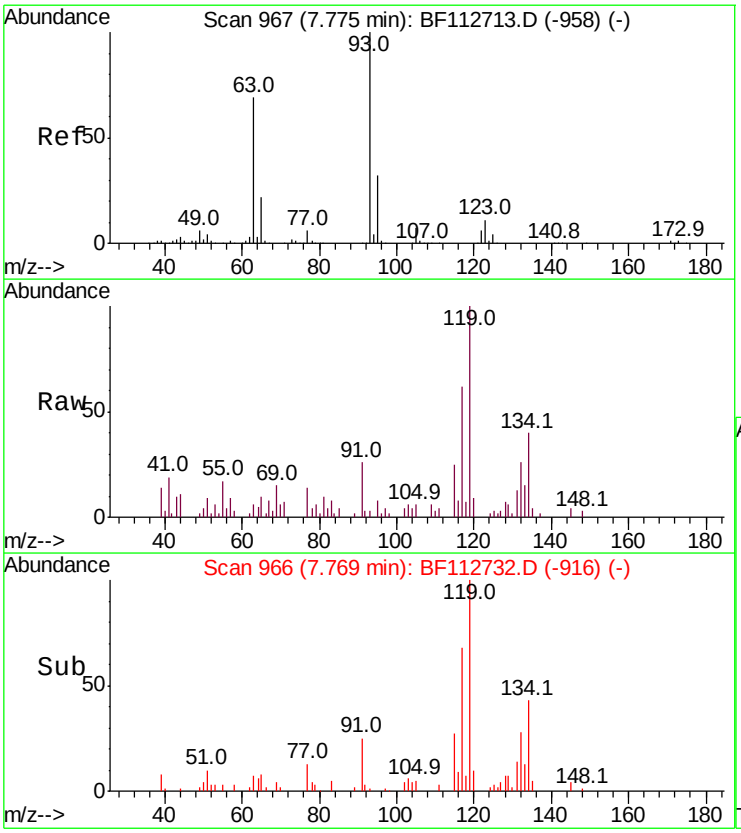
#27
2,4-Dimethylphenol
Concen: 0.017 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:122 Resp: 141

Ion	Ratio	Lower	Upper
122	100		
107	139.2	89.4	134.0#
121	129.4	45.5	68.3#

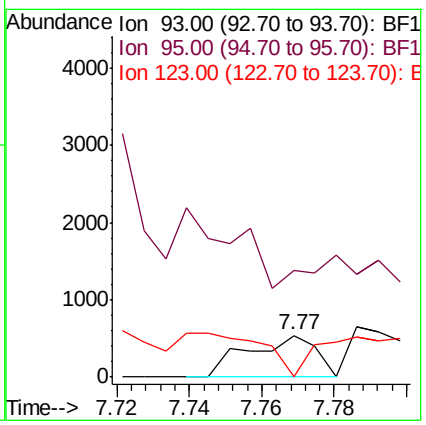


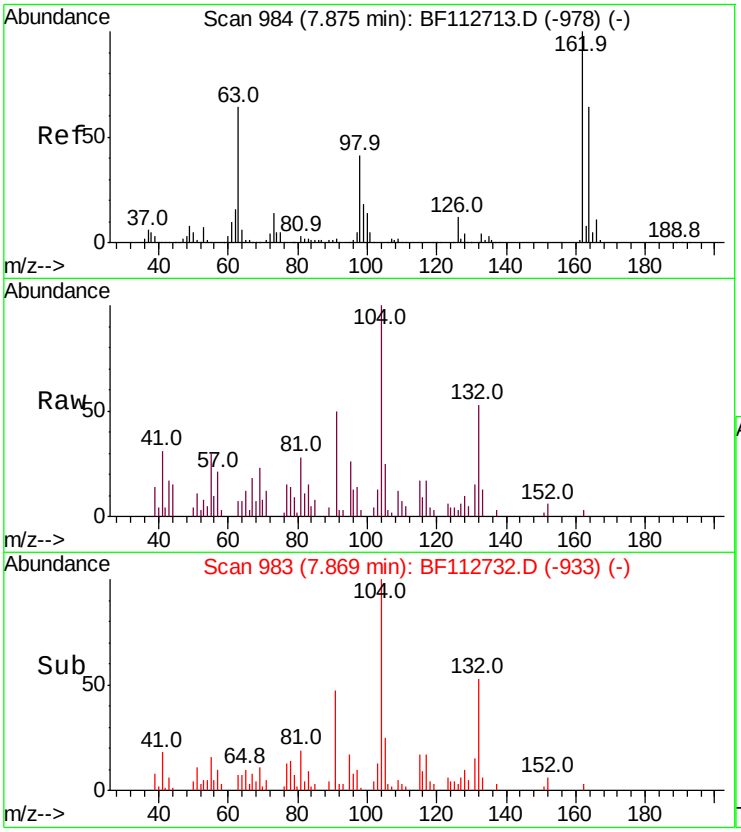


#28
bis(2-Chloroethoxy)methane
Concen: 0.053 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 93 Resp: 706

Ion	Ratio	Lower	Upper
93	100		
95	256.5	26.0	39.0#
123	0.0	9.3	13.9#



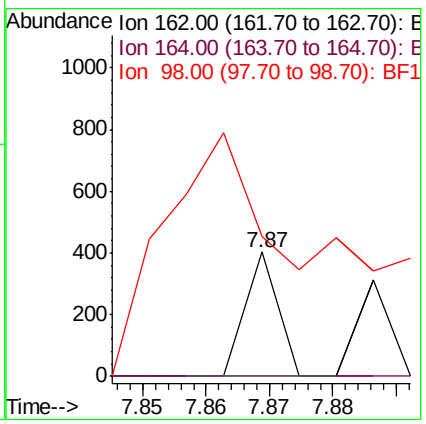


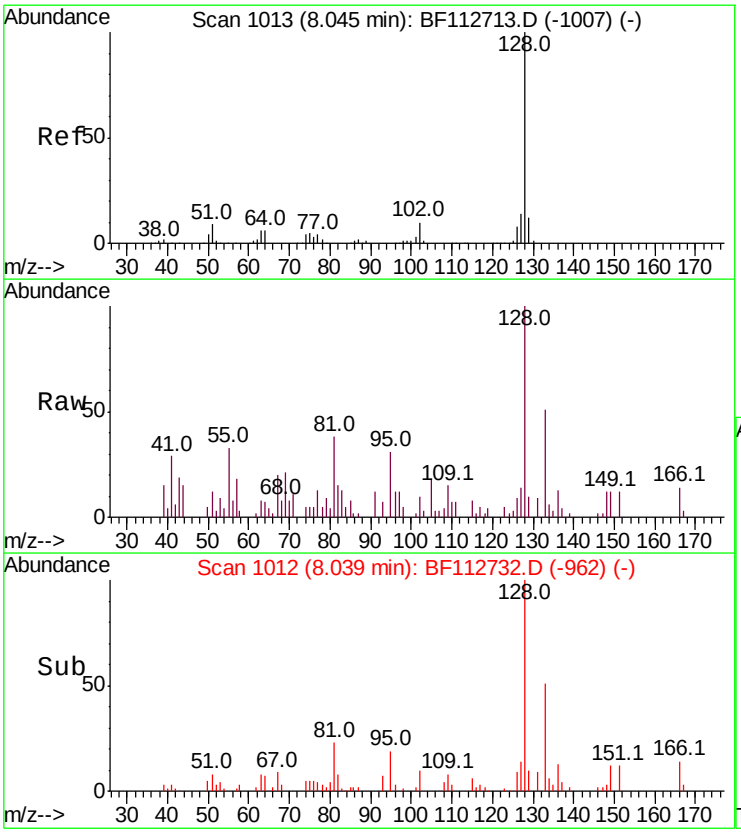
#29
2,4-Dichlorophenol
Concen: 0.017 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:162 Resp: 142

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.0	84.0#
98	112.2	20.7	60.7#

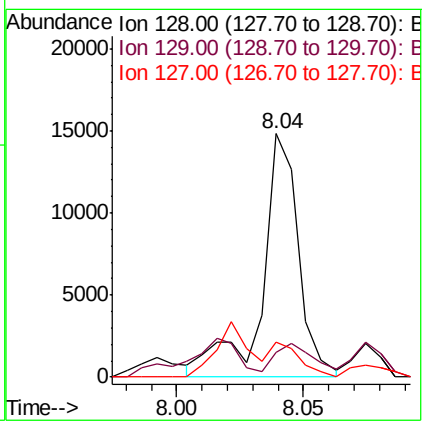


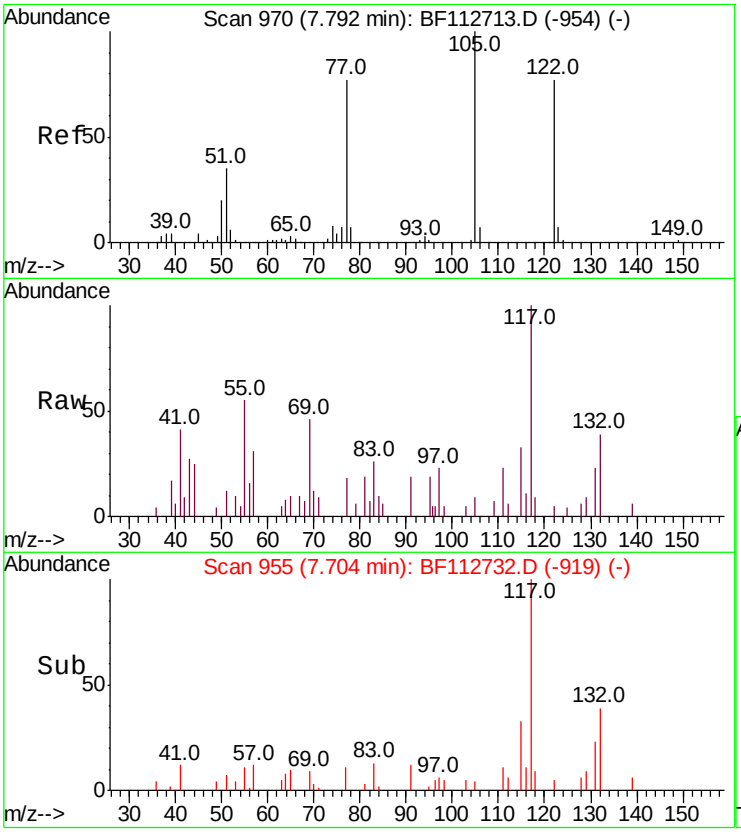


#31
Naphthalene
Concen: 0.512 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:128 Resp: 15040

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.3	13.9
127	14.2	10.9	16.3



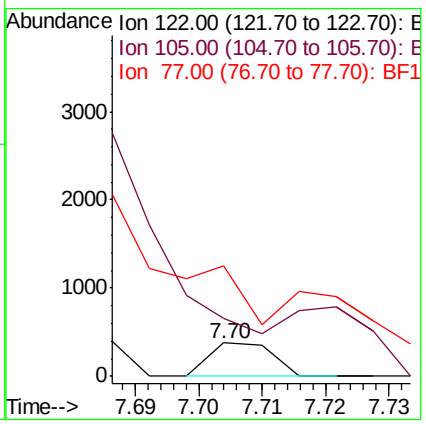


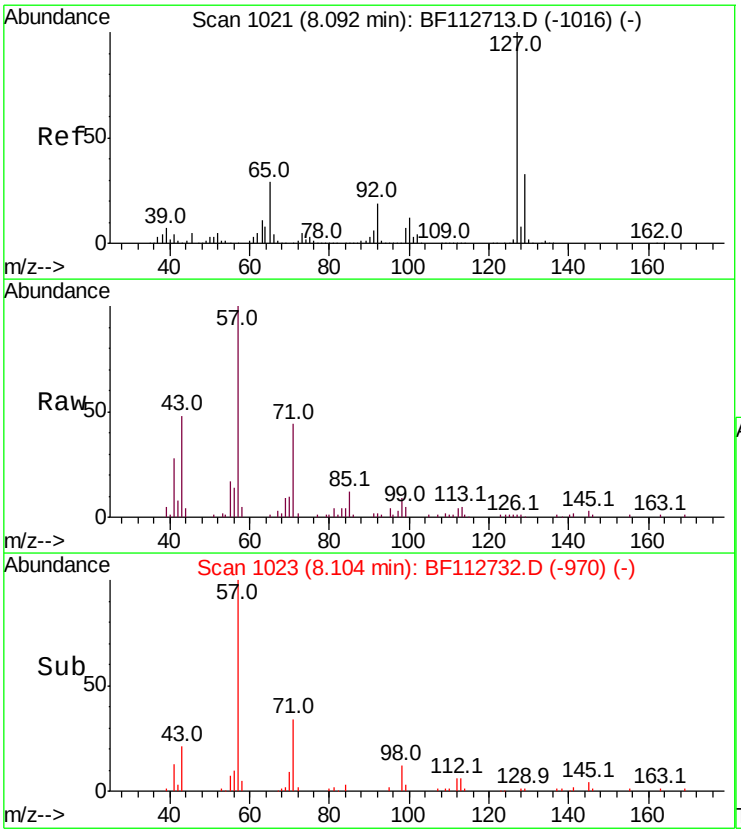
#32
Benzoic acid
Concen: 0.044 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:122 Resp: 262

Ion	Ratio	Lower	Upper
122	100		
105	171.1	106.8	146.8#
77	329.1	79.4	119.4#

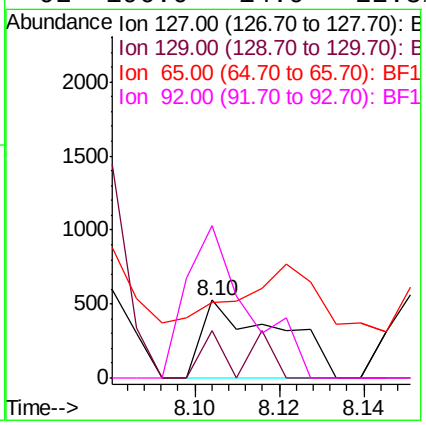


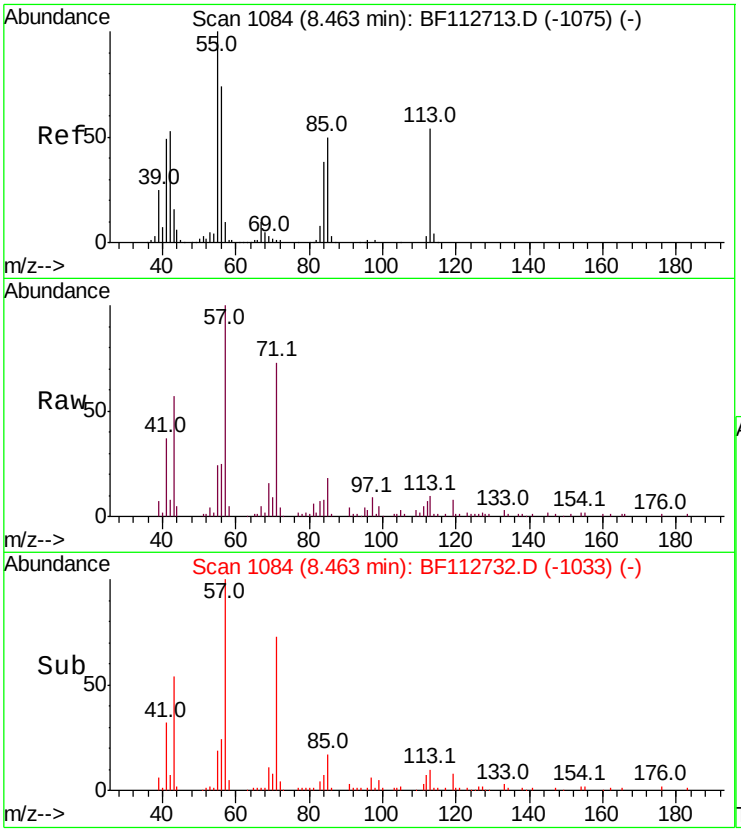


#33
4-Chloroaniline
Concen: 0.053 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:127 Resp: 660

Ion	Ratio	Lower	Upper
127	100		
129	61.8	26.4	39.6#
65	96.8	23.1	34.7#
92	196.0	14.9	22.3#



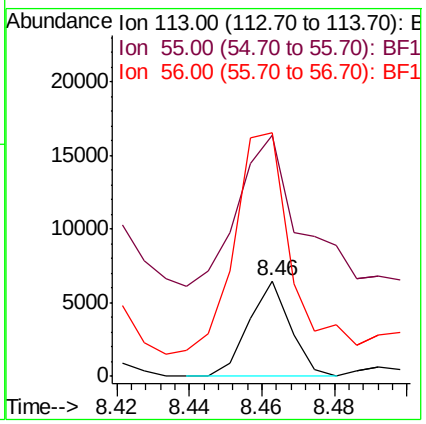


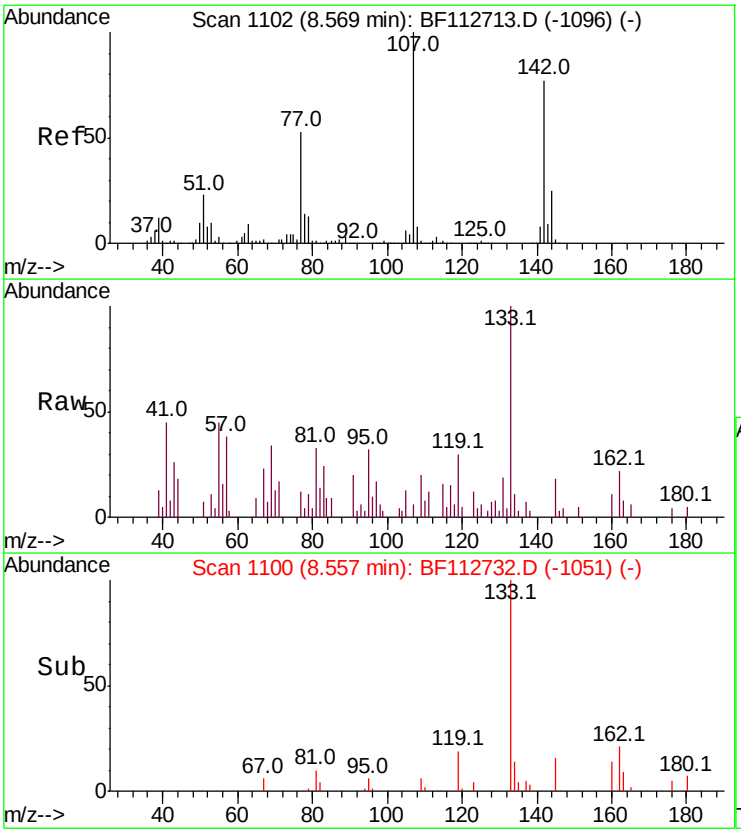
#35
Caprolactam
Concen: 1.772 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:113 Resp: 5161

Ion	Ratio	Lower	Upper
113	100		
55	253.6	163.5	203.5#
56	255.6	115.3	155.3#

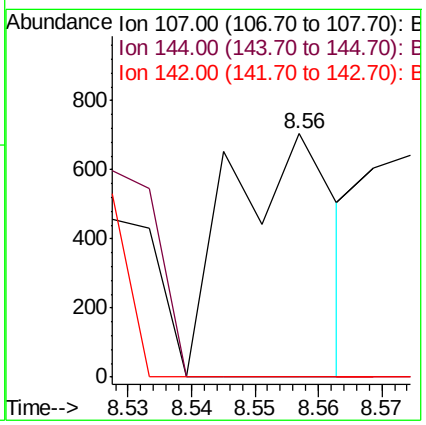


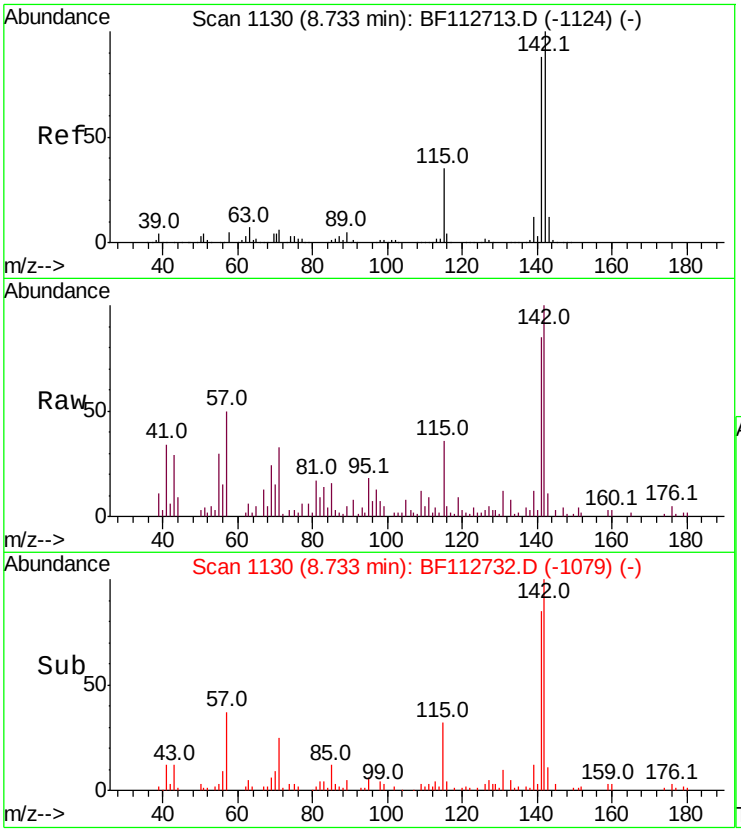


#36
4-Chloro-3-methylphenol
Concen: 0.089 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:107 Resp: 814

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.1	30.1#
142	0.0	61.9	92.9#



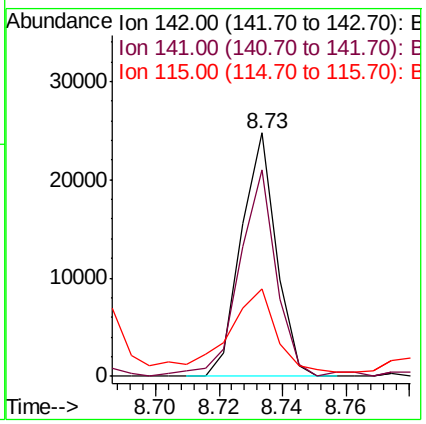


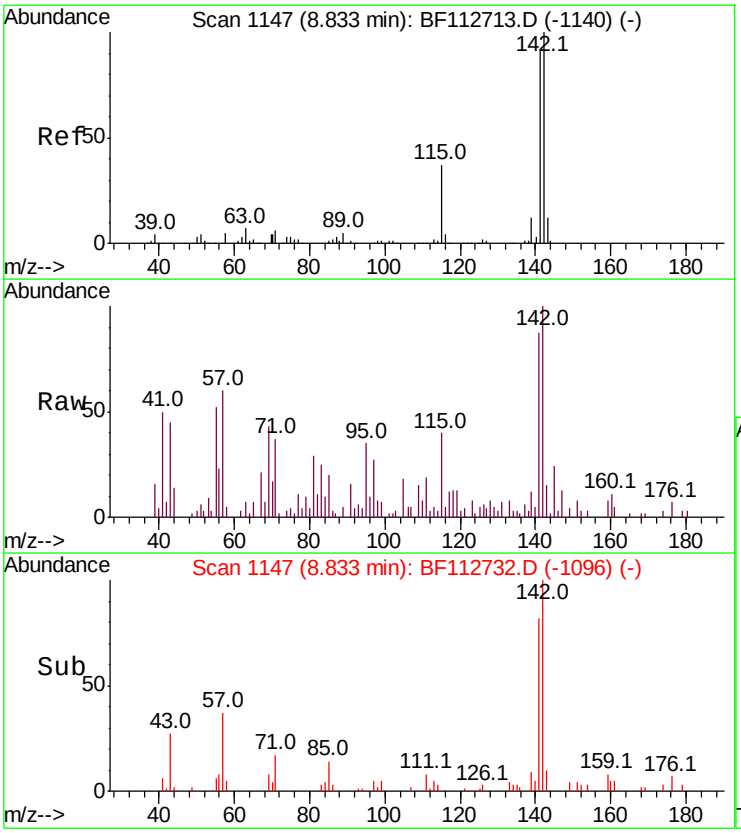
#37
2-Methylnaphthalene
Concen: 0.998 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:142 Resp: 18938

Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.3	105.5
115	35.7	27.8	41.6

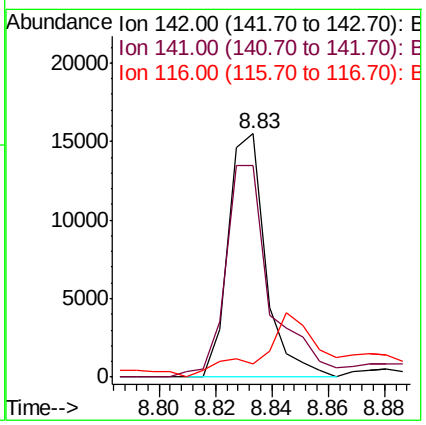


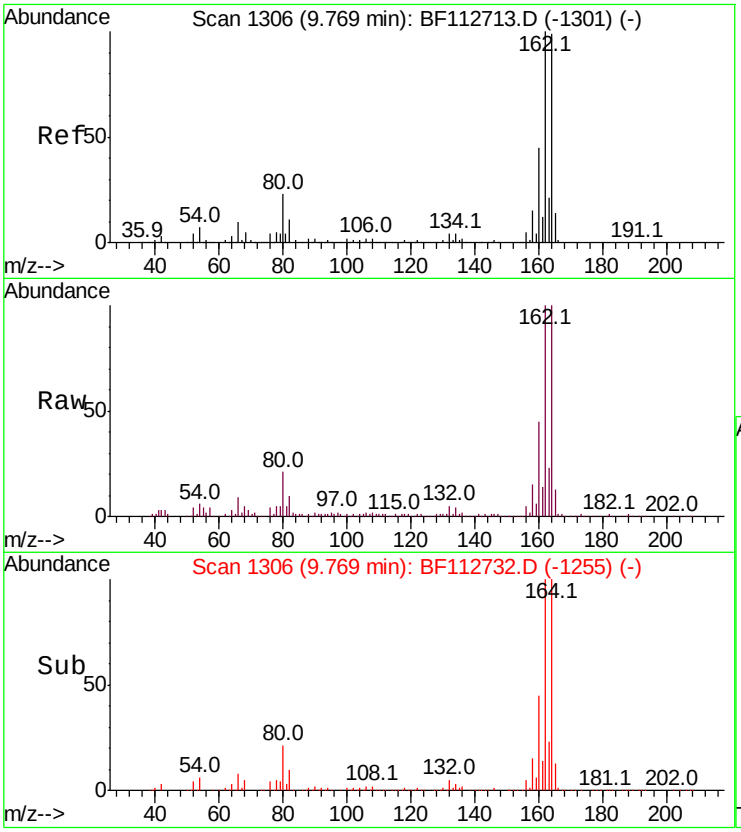


#38
1-Methylnaphthalene
Concen: 0.775 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:142 Resp: 14246

Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.7	110.5
116	5.5	3.1	4.7#



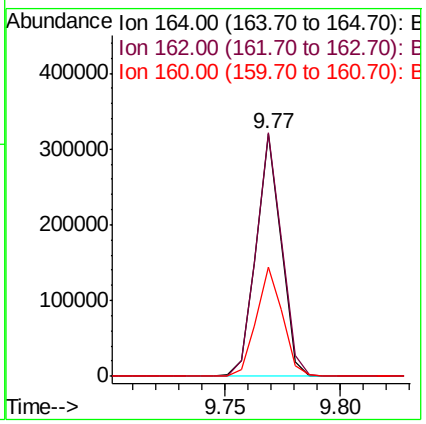


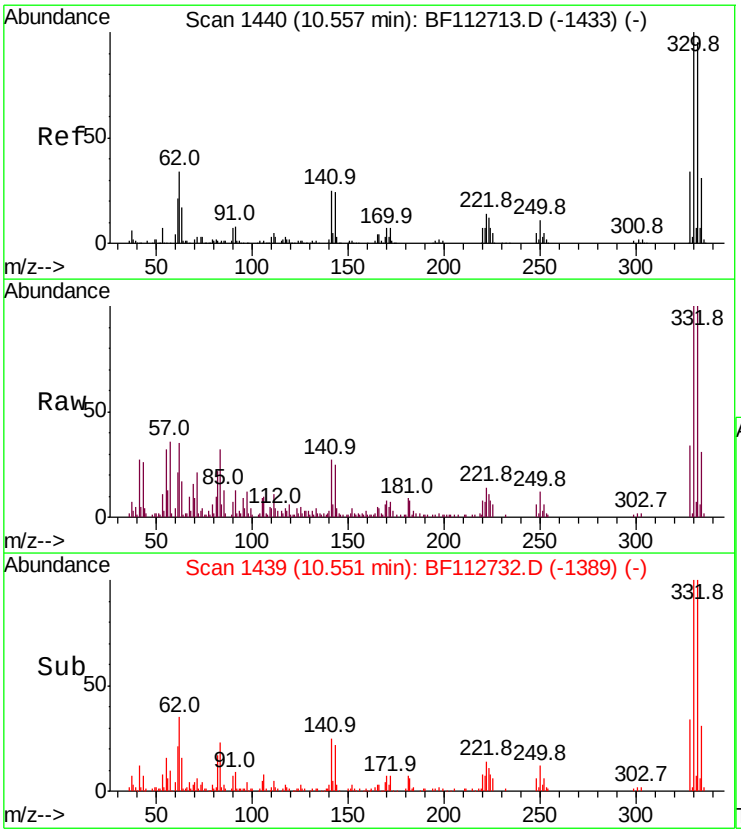
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:164 Resp: 243218

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	45.2	36.0	54.0

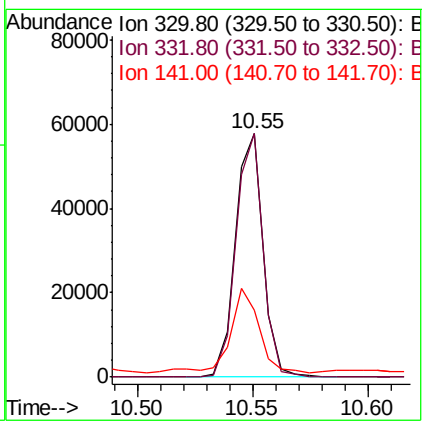


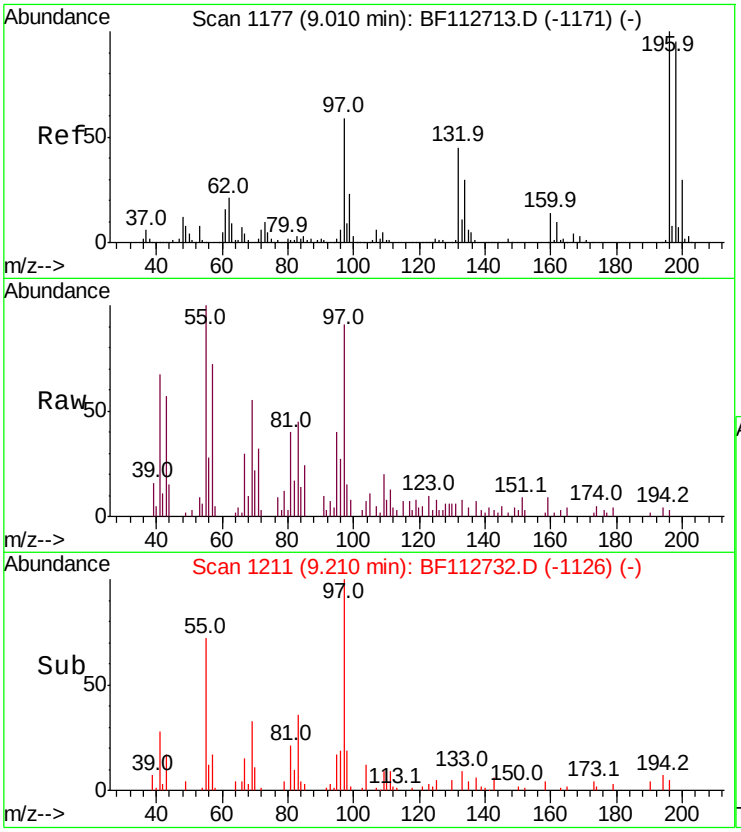


#42
2,4,6-Tribromophenol
Concen: 18.610 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:330 Resp: 48052

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.2	114.4
141	37.4	27.0	40.6



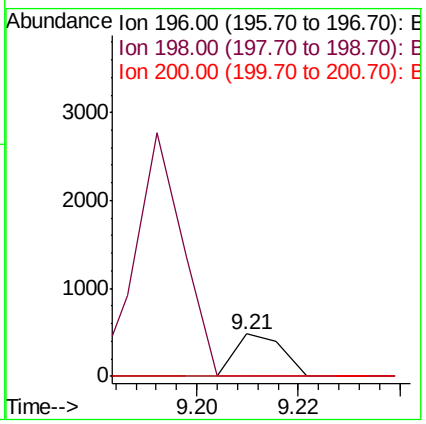


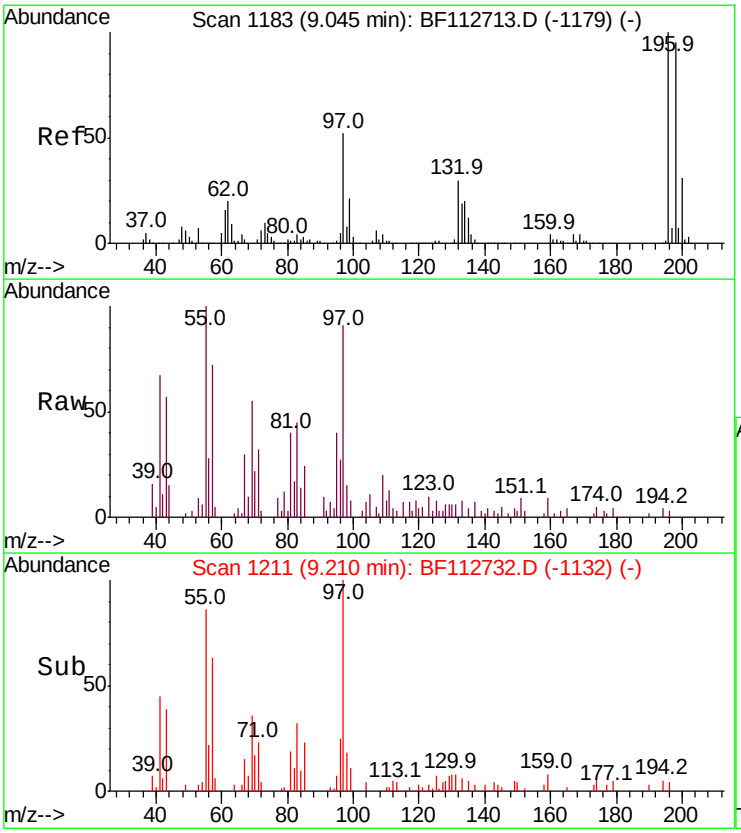
#43
2,4,6-Trichlorophenol
Concen: 0.064 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.20 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:196 Resp: 310

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.8	113.8#
200	0.0	24.3	36.5#

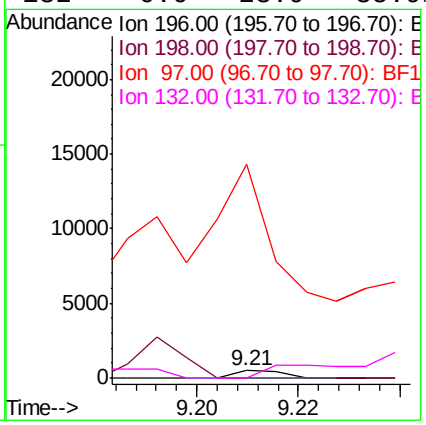


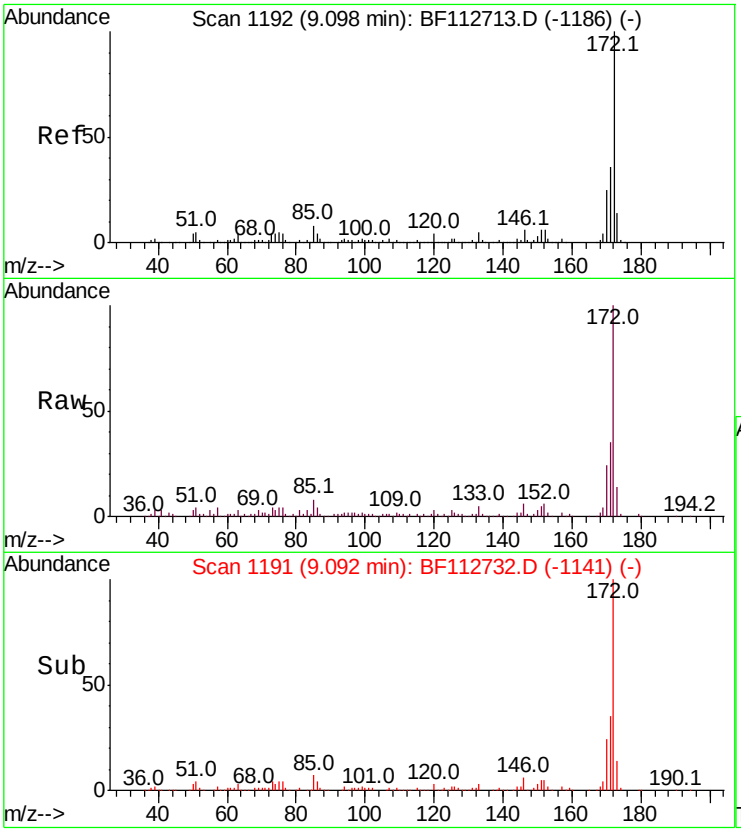


#44
2,4,5-Trichlorophenol
Concen: 0.059 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.16 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:196 Resp: 310

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.2	114.2#
97	2988.1	41.5	62.3#
132	0.0	23.9	35.9#



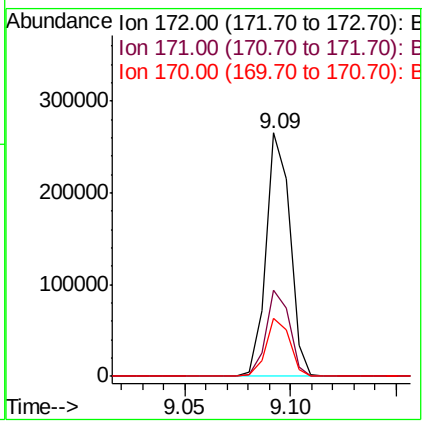


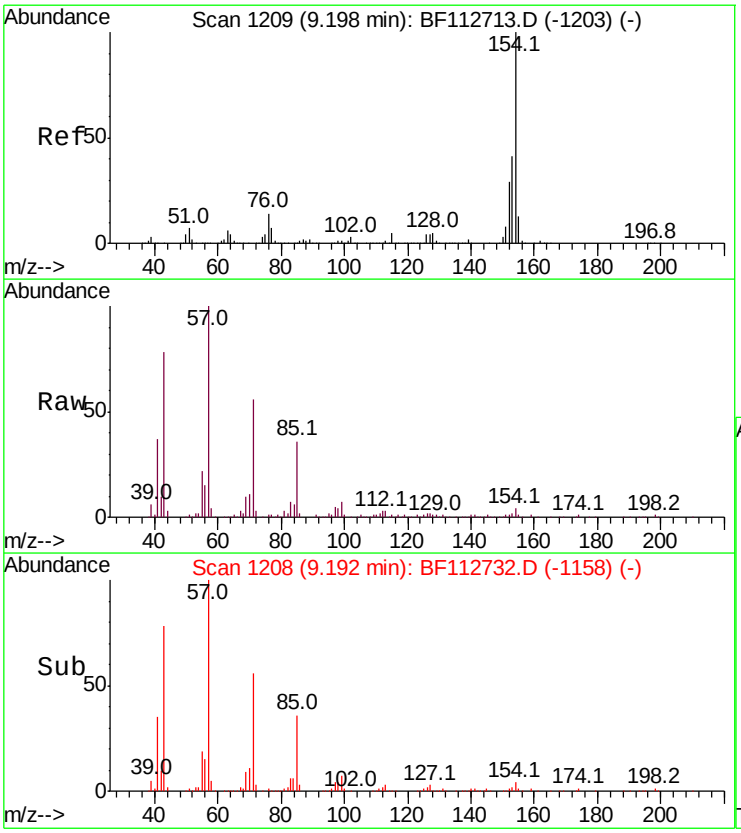
#45
2-Fluorobiphenyl
Concen: 1.868 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:172 Resp: 209240

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.7	20.0	30.0

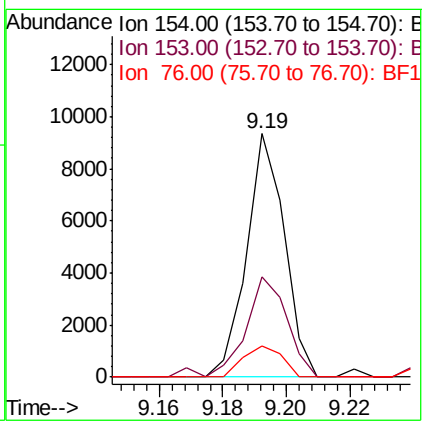


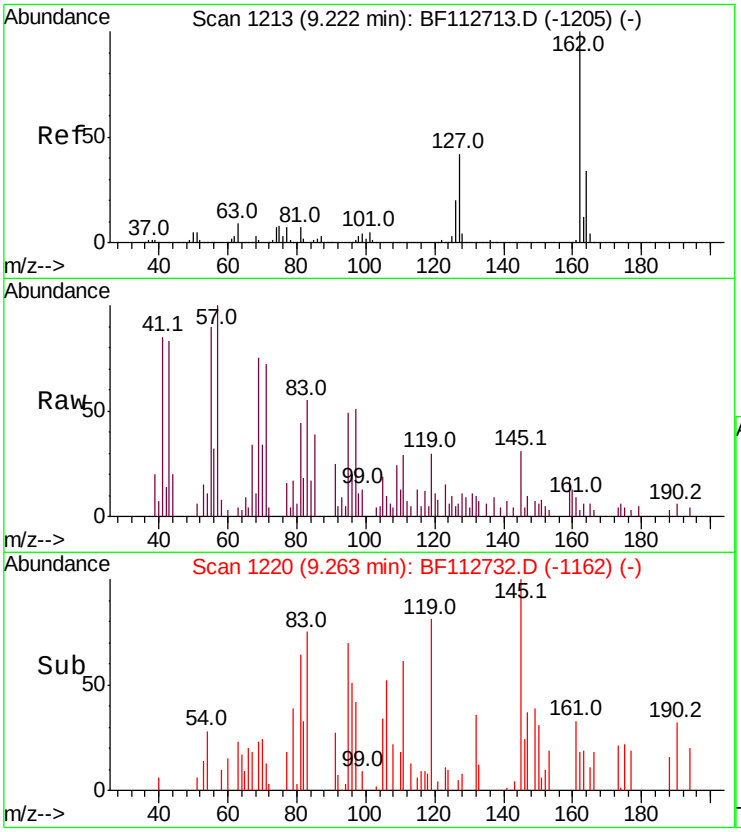


#46
1,1'-Biphenyl
Concen: 0.389 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:154 Resp: 7722

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.8	60.8
76	12.9	0.0	33.8



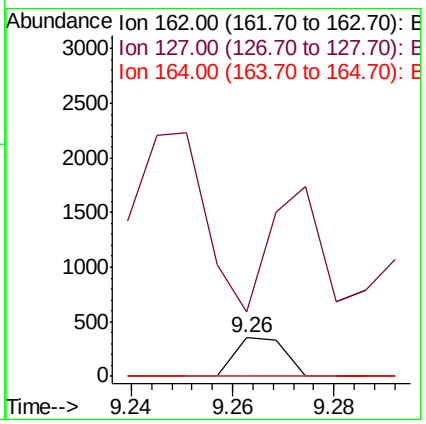


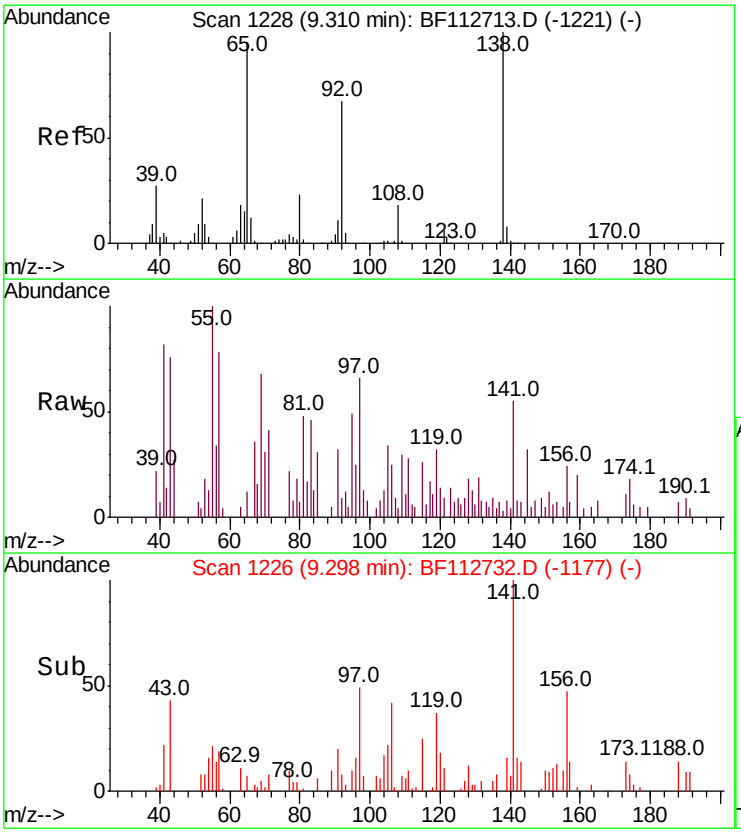
#47
2-Chloronaphthalene
Concen: 0.016 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.04 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:162 Resp: 243

Ion	Ratio	Lower	Upper
162	100		
127	168.3	33.4	50.2#
164	0.0	26.9	40.3#

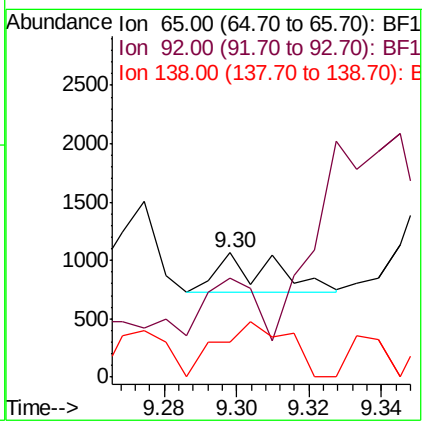


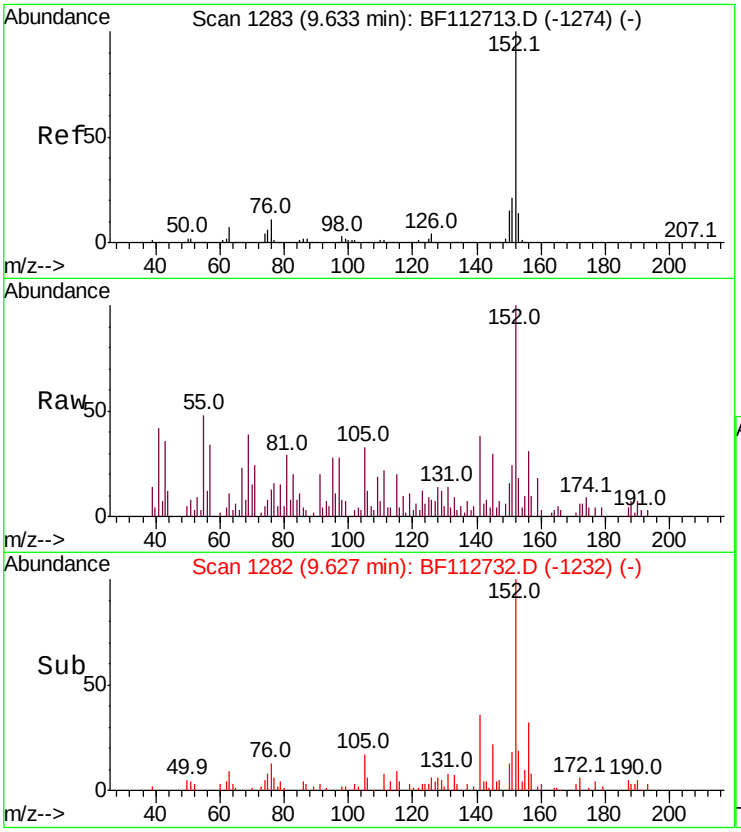


#48
2-Nitroaniline
Concen: 0.081 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion: 65 Resp: 381

Ion	Ratio	Lower	Upper
65	100		
92	79.4	56.4	84.6
138	28.2	84.6	126.8#



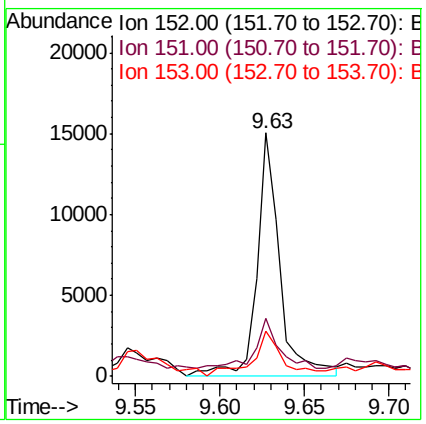


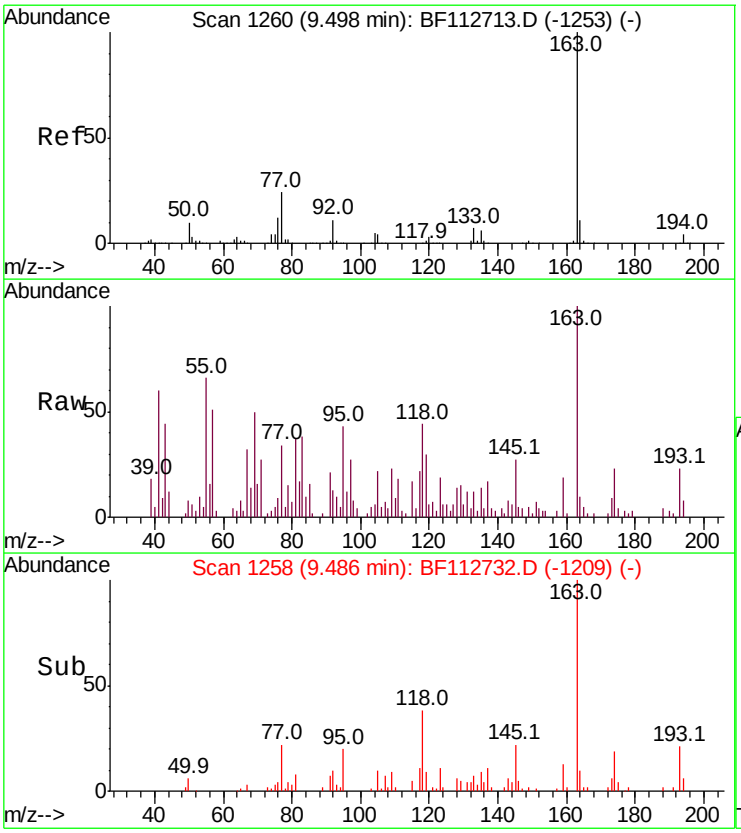
#49
Acenaphthylene
Concen: 0.542 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument : BNA_F
ClientSampleId : PL-02-022619-A

Tgt Ion:152 Resp: 14265

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.9	25.3
153	18.5	11.0	16.6#

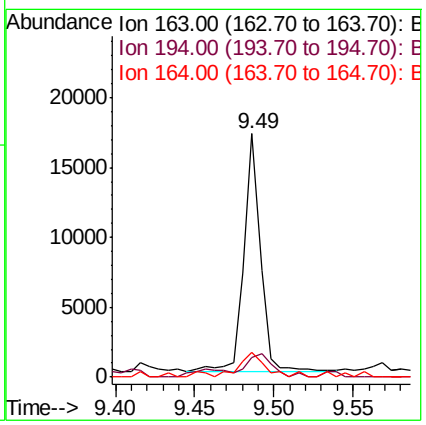


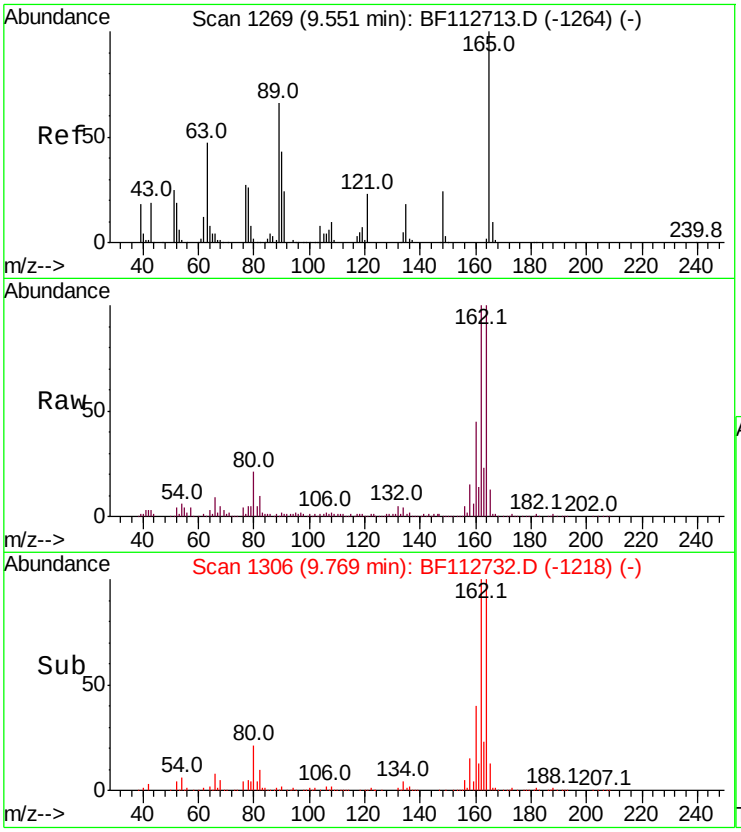


#50
Dimethylphthalate
Concen: 0.691 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:163 Resp: 12399

Ion	Ratio	Lower	Upper
163	100		
194	7.8	3.0	4.4#
164	9.9	8.4	12.6



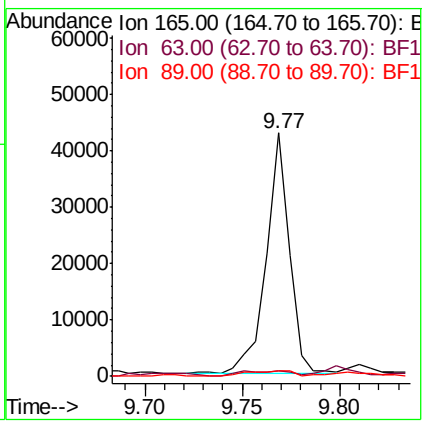


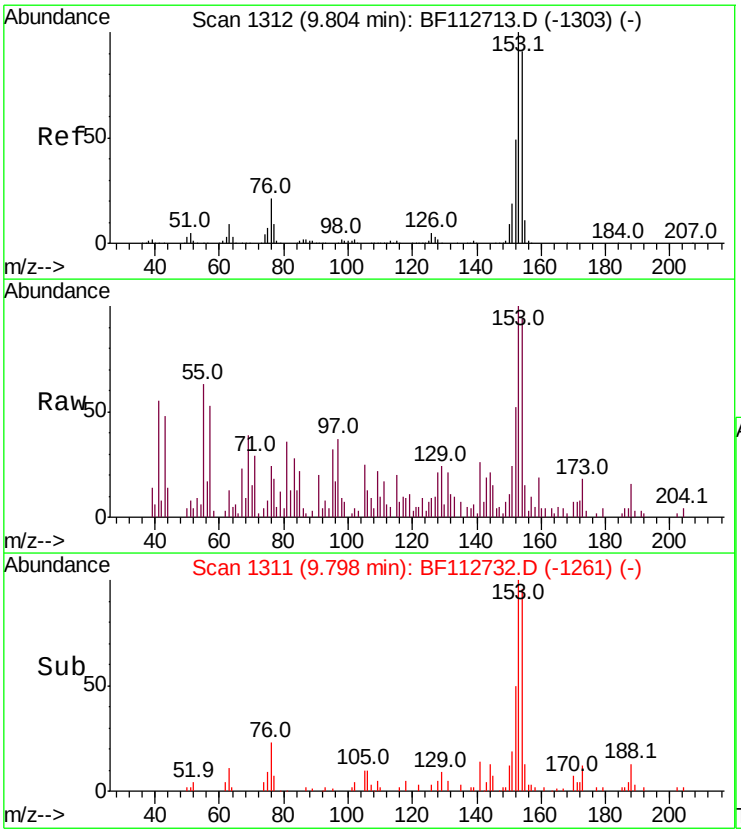
#51
2,6-Dinitrotoluene
Concen: 9.521 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:165 Resp: 35557

Ion	Ratio	Lower	Upper
165	100		
63	2.0	54.1	81.1#
89	2.3	52.8	79.2#

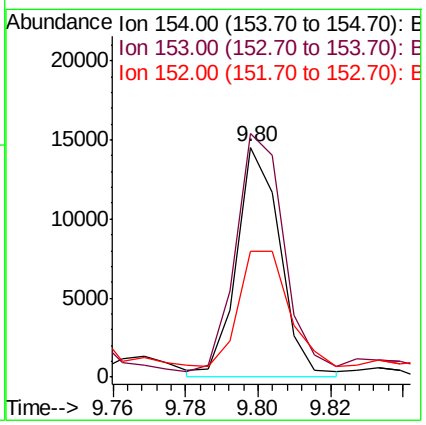


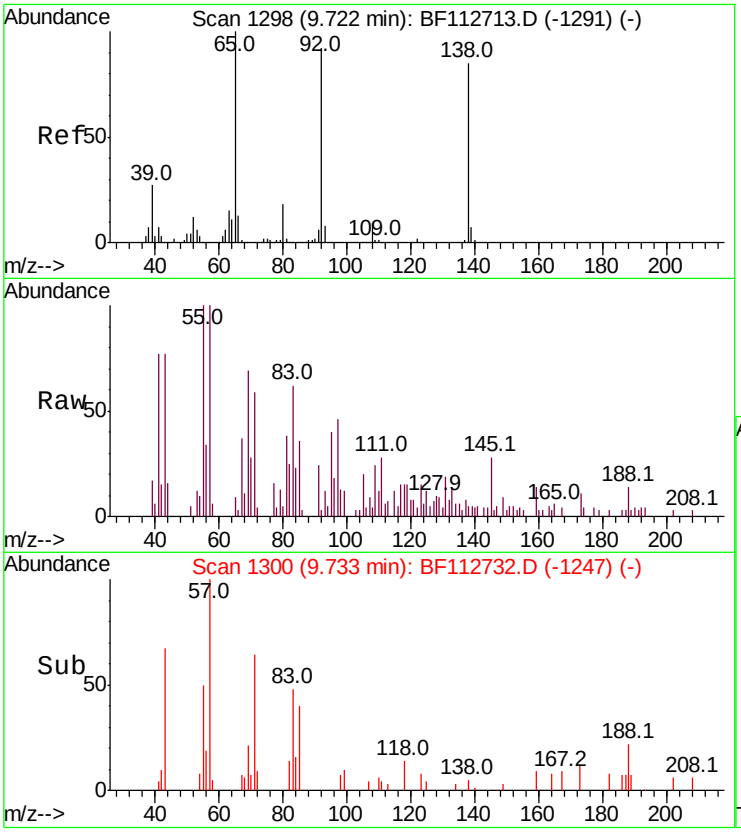


#52
Acenaphthene
Concen: 0.791 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:154 Resp: 12167

Ion	Ratio	Lower	Upper
154	100		
153	106.0	87.8	131.8
152	54.8	43.0	64.6



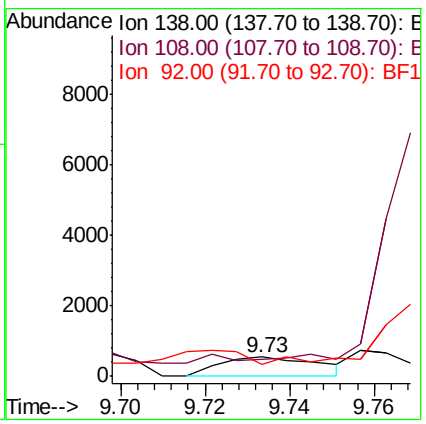


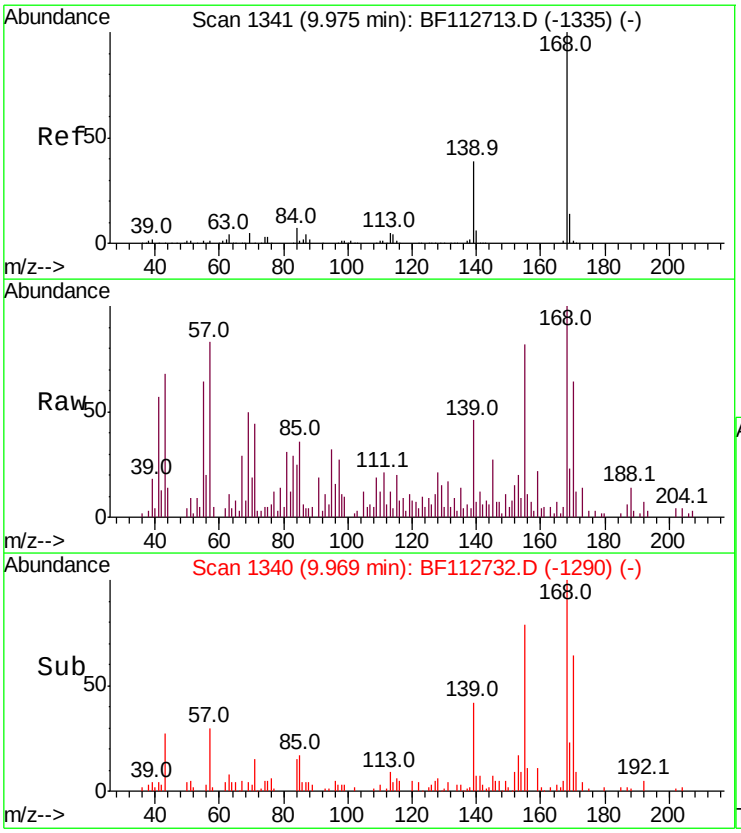
#53
3-Nitroaniline
Concen: 0.196 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:138 Resp: 890

Ion	Ratio	Lower	Upper
138	100		
108	84.3	8.6	13.0#
92	59.7	86.6	129.8#

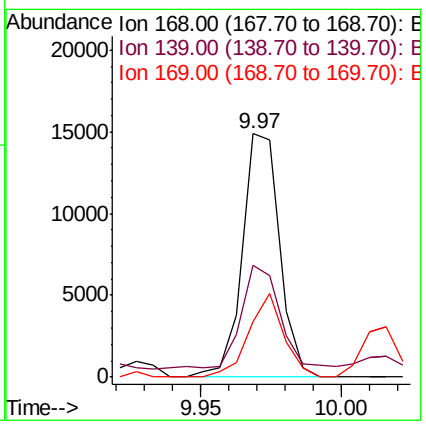


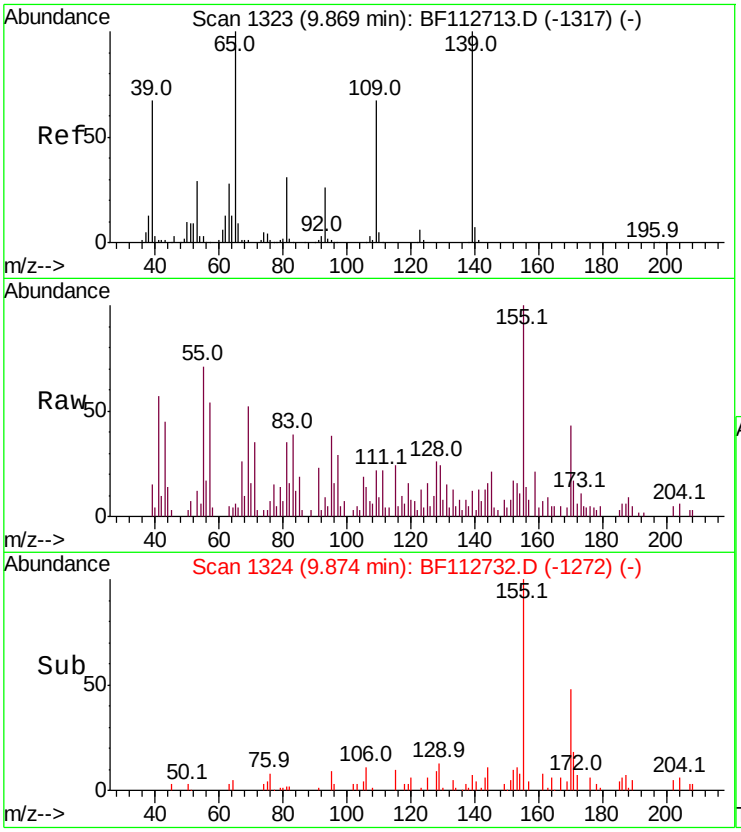


#55
Dibenzofuran
Concen: 0.612 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:168 Resp: 13681

Ion	Ratio	Lower	Upper
168	100		
139	46.0	31.3	46.9
169	22.7	11.3	16.9#



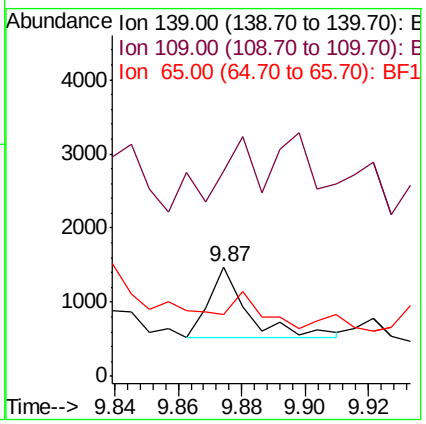


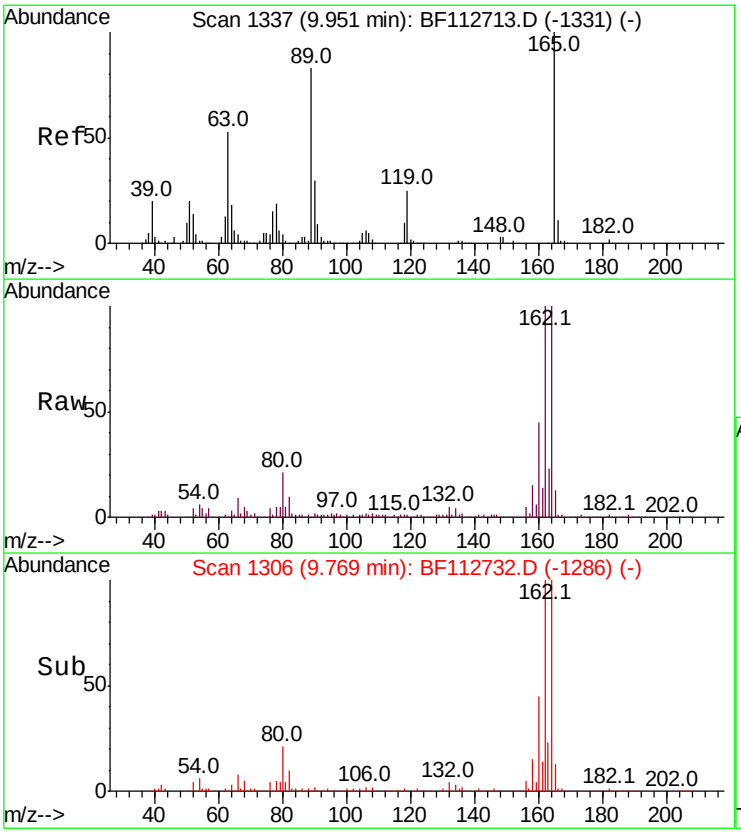
#56
4-Nitrophenol
Concen: 0.218 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:139 Resp: 808

Ion	Ratio	Lower	Upper
139	100		
109	187.5	46.8	86.8#
65	55.8	80.7	120.7#

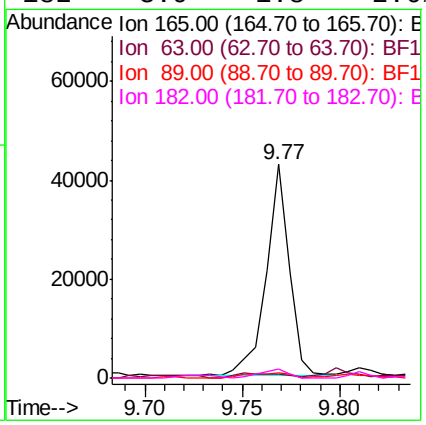


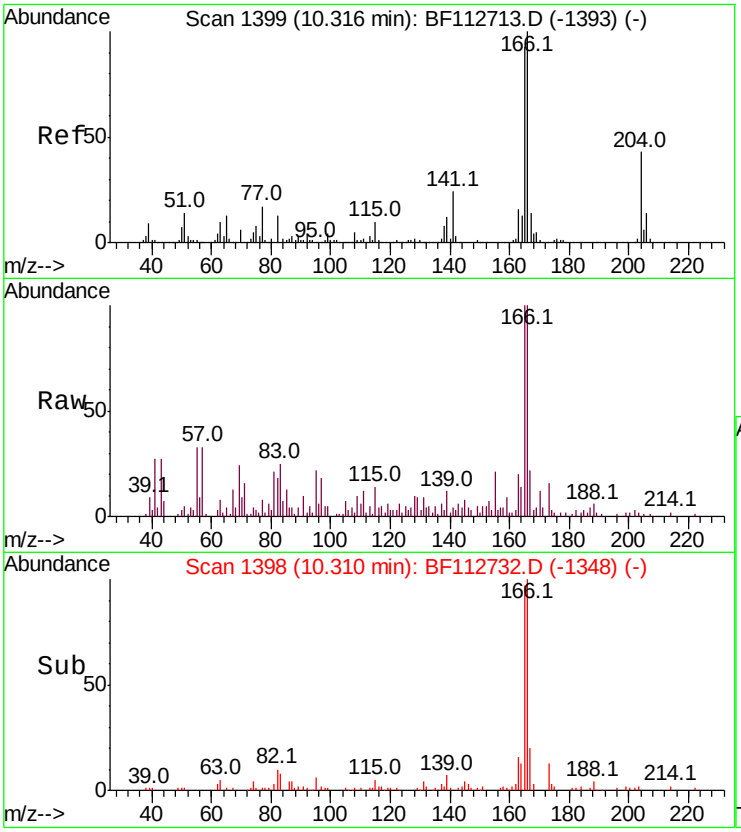


#57
2,4-Dinitrotoluene
Concen: 7.660 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:165 Resp: 35557

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.2	63.2#
89	2.3	66.2	99.4#
182	3.9	1.8	2.6#



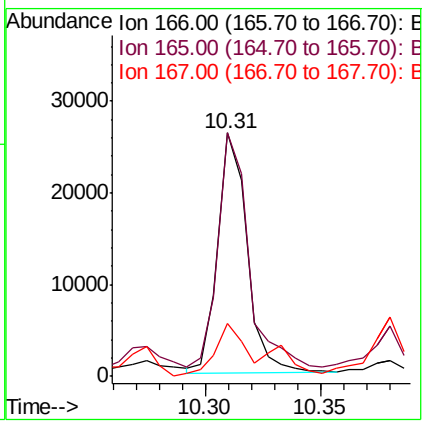


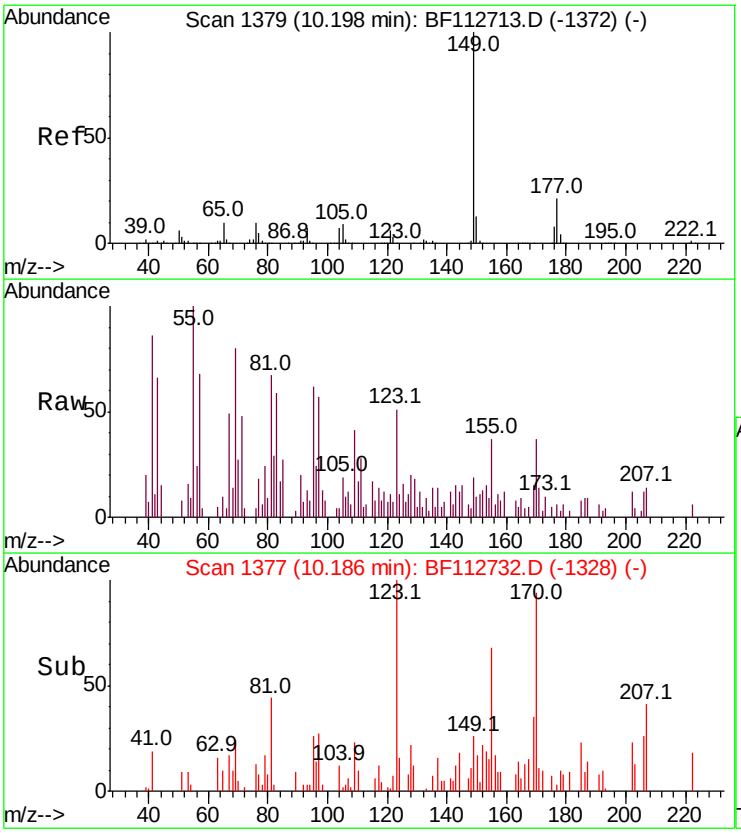
#58
Fluorene
Concen: 1.463 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:166 Resp: 23203

Ion	Ratio	Lower	Upper
166	100		
165	100.1	74.7	112.1
167	21.9	11.0	16.6#

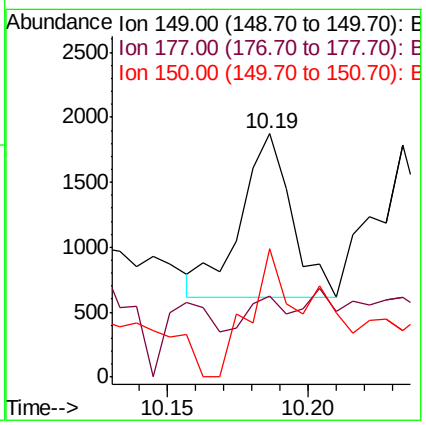


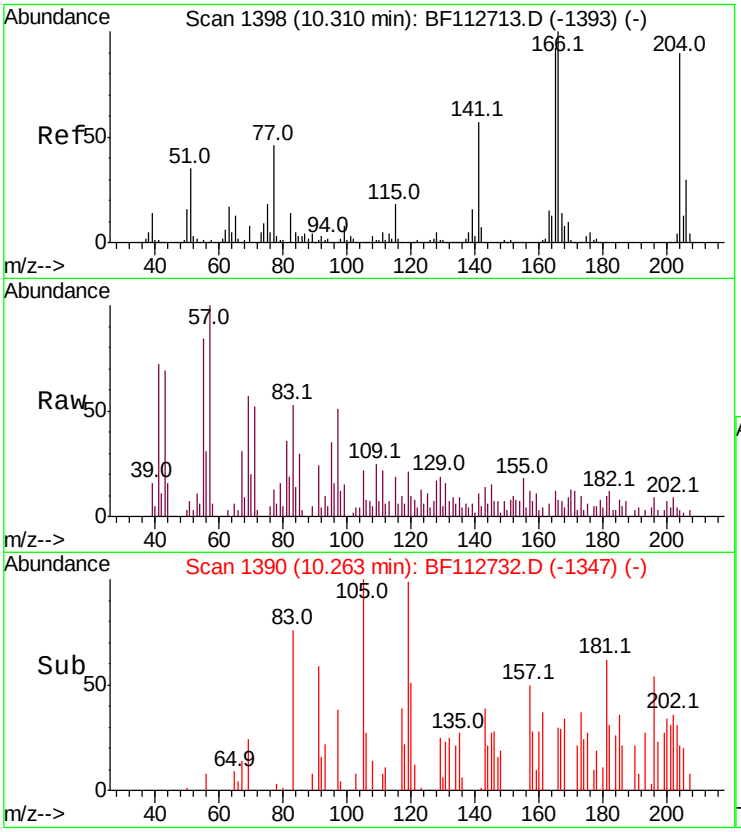


#60
Diethylphthalate
Concen: 0.083 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:149 Resp: 1569

Ion	Ratio	Lower	Upper
149	100		
177	33.6	17.0	25.6#
150	52.7	10.0	15.0#



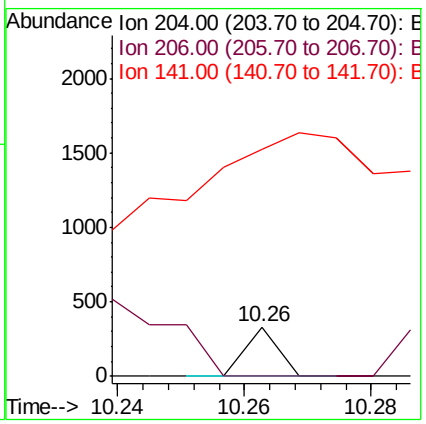


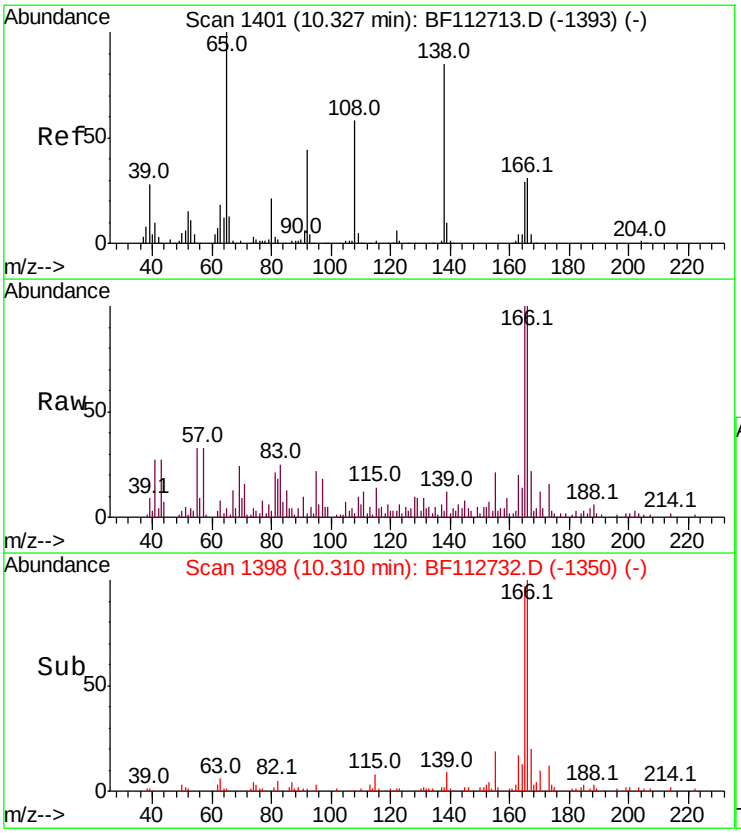
#61
4-Chlorophenyl-phenylether
Concen: 0.016 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.05 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:204 Resp: 117

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	40.0#
141	458.0	50.8	76.2#

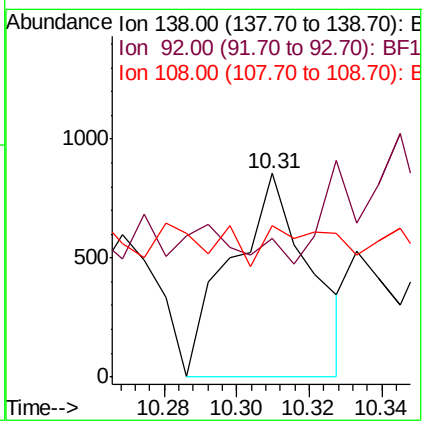


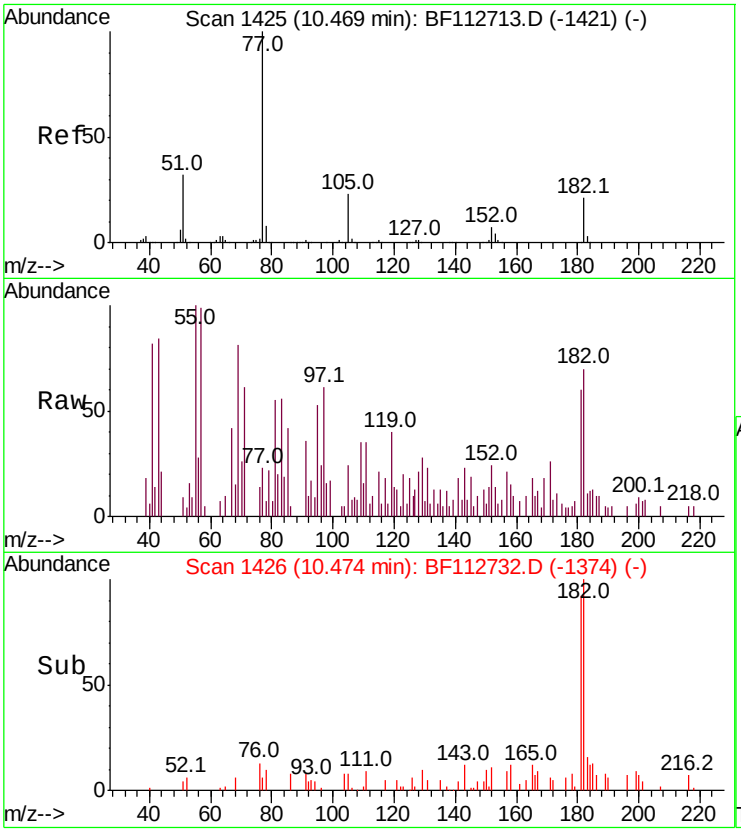


#62
4-Nitroaniline
Concen: 0.303 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:138 Resp: 1276

Ion	Ratio	Lower	Upper
138	100		
92	67.8	31.3	71.3
108	74.5	48.1	88.1



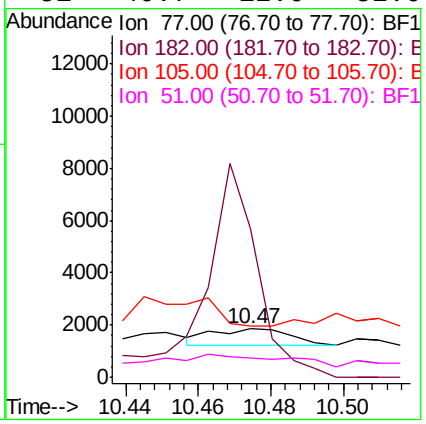


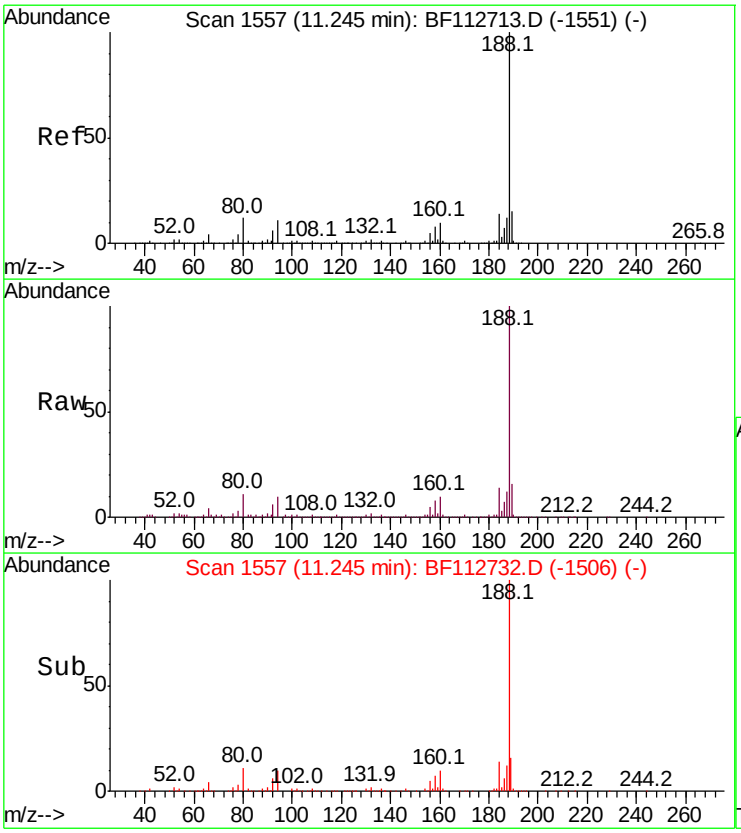
#63
Azobenzene
Concen: 0.048 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion: 77 Resp: 924

Ion	Ratio	Lower	Upper
77	100		
182	307.4	1.4	41.4#
105	105.7	2.6	42.6#
51	40.7	12.0	52.0

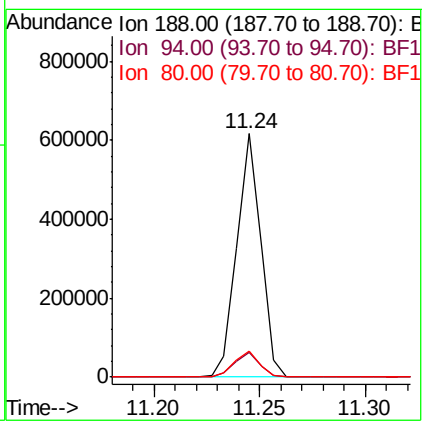


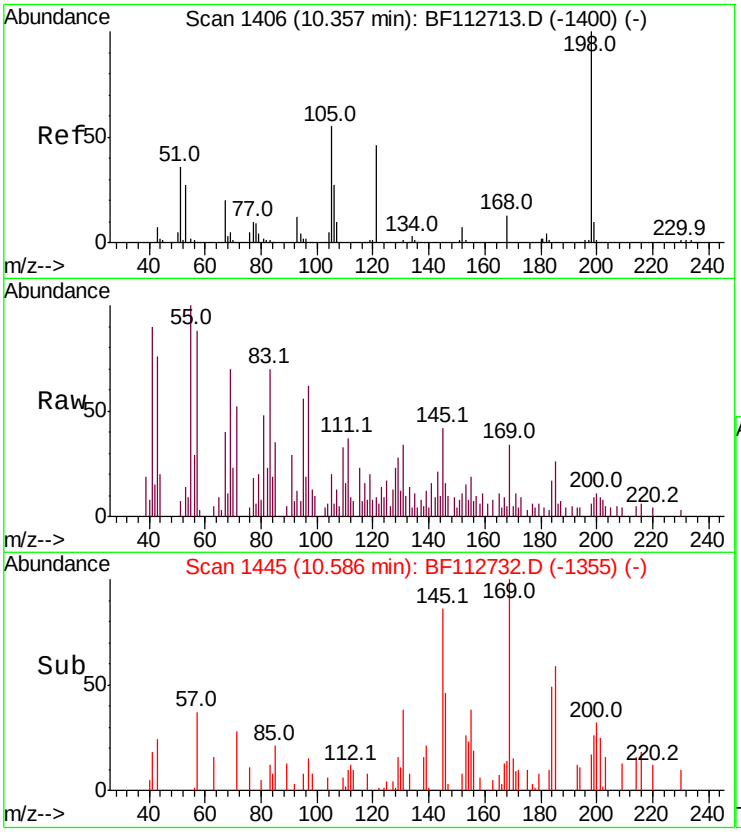


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:188 Resp: 481106

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	10.9	9.2	13.8



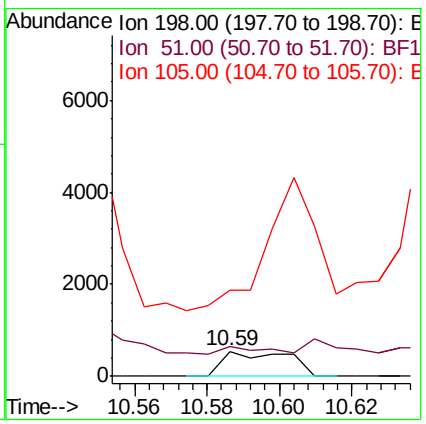


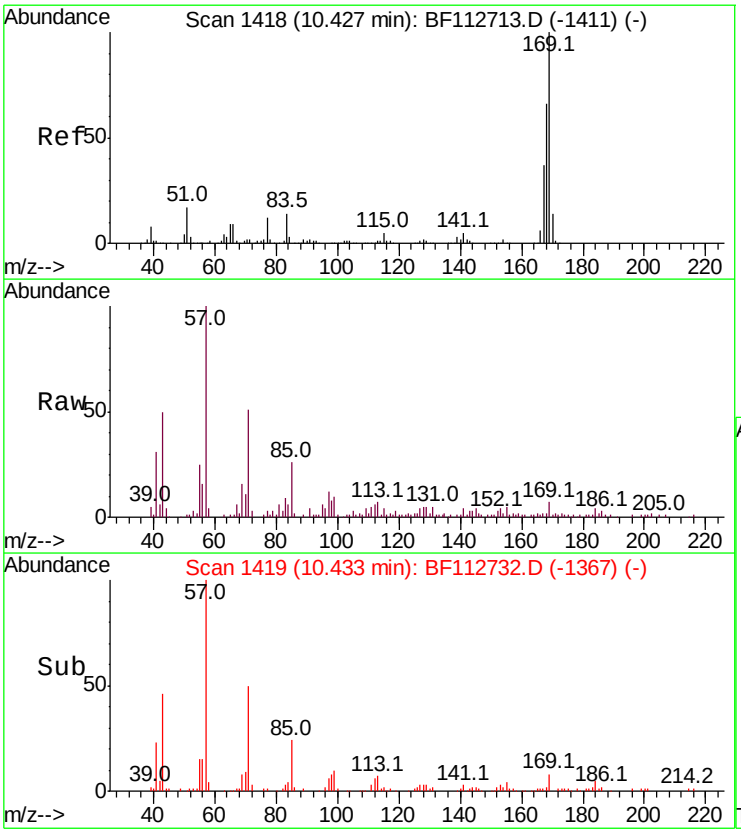
#65
4,6-Dinitro-2-methylphenol
Concen: 4.917 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.23 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:198 Resp: 665

Ion	Ratio	Lower	Upper
198	100		
51	123.0	43.8	83.8#
105	348.1	36.5	76.5#

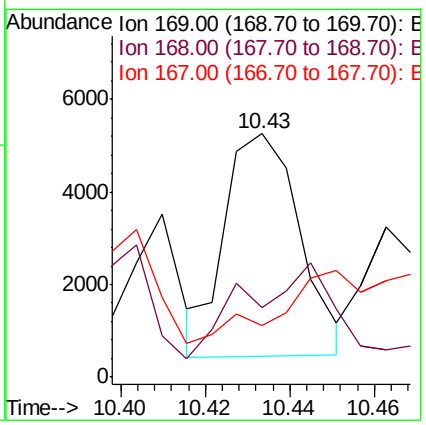


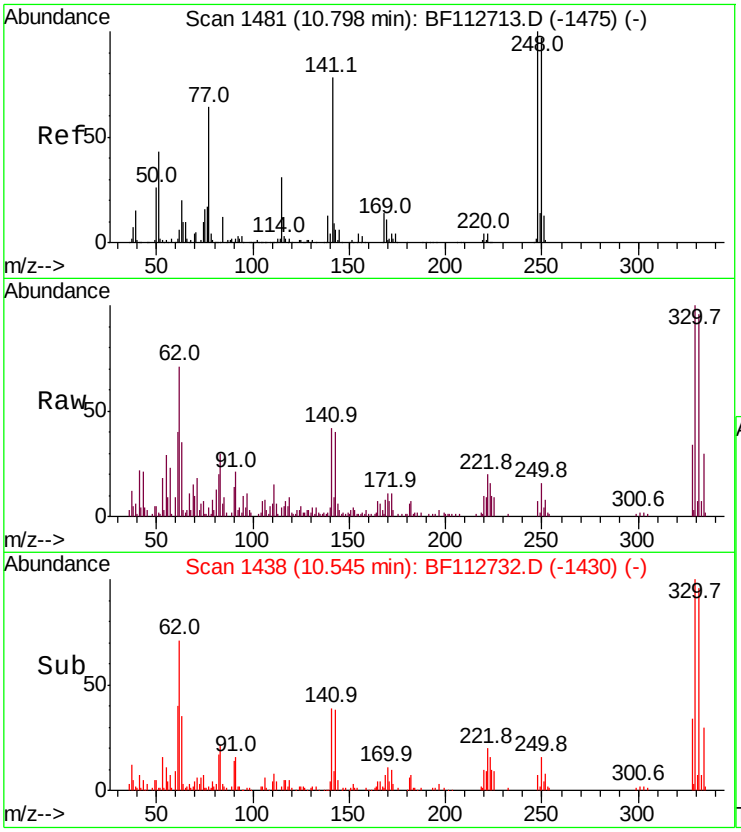


#66
n-Nitrosodiphenylamine
Concen: 0.386 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:169 Resp: 5961

Ion	Ratio	Lower	Upper
169	100		
168	28.4	53.0	79.6#
167	21.2	29.3	43.9#



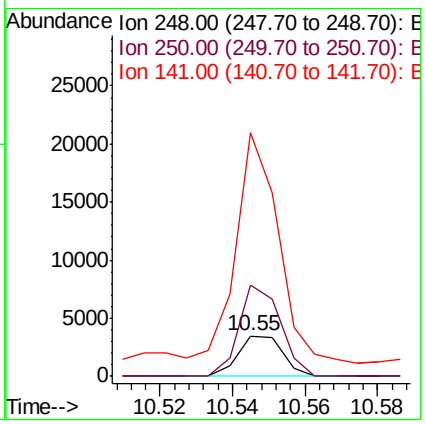


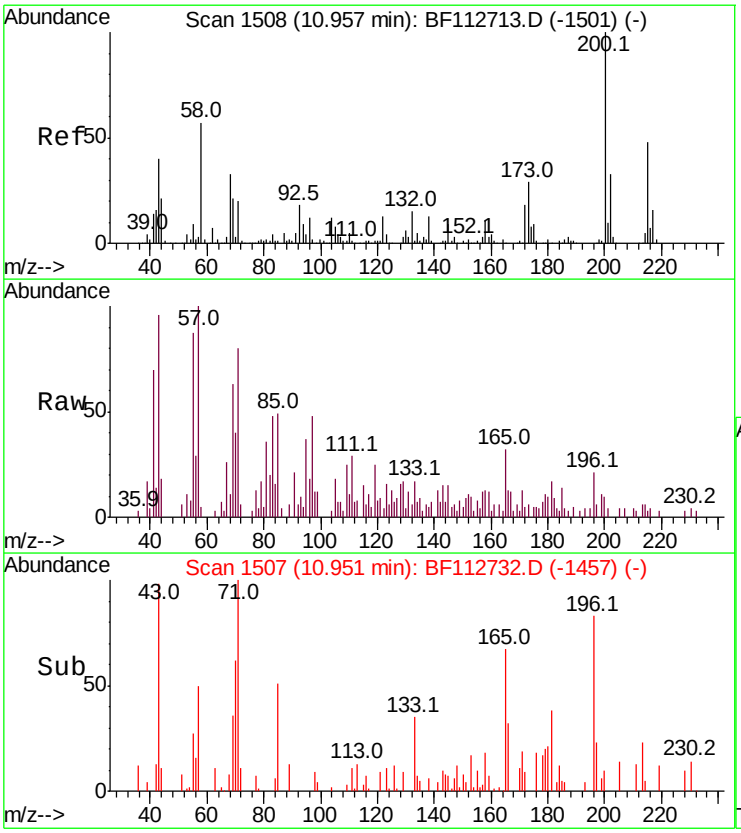
#67
4-Bromophenyl-phenylether
Concen: 0.581 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:248 Resp: 2946

Ion	Ratio	Lower	Upper
248	100		
250	228.6	77.5	116.3#
141	607.7	62.4	93.6#

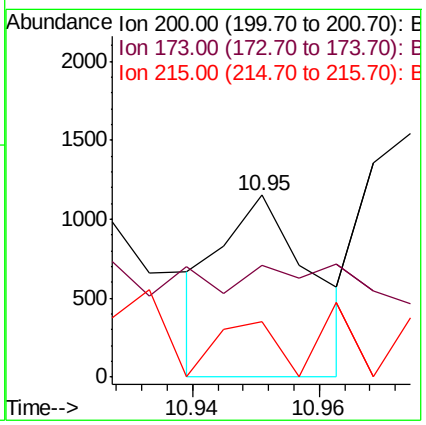


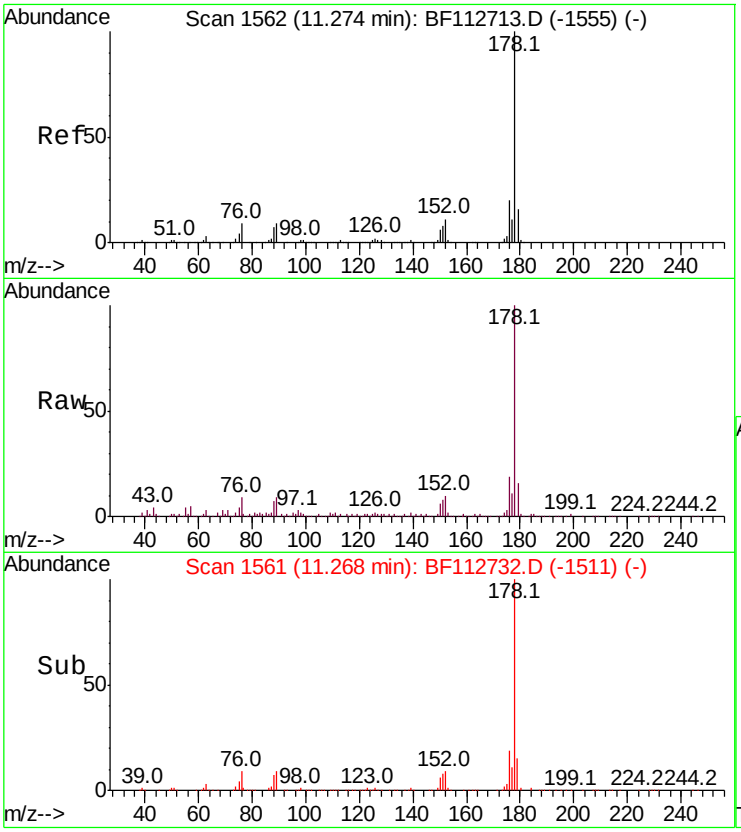


#69
Atrazine
Concen: 0.244 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:200 Resp: 1151

Ion	Ratio	Lower	Upper
200	100		
173	61.3	9.1	49.1#
215	30.4	28.2	68.2



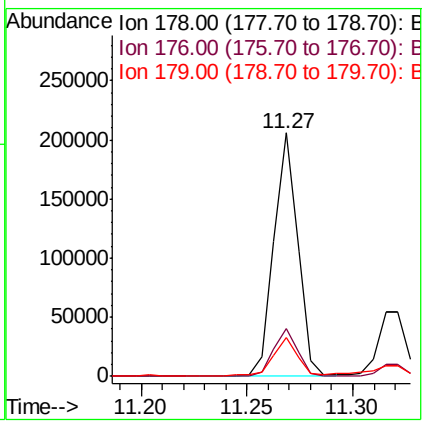


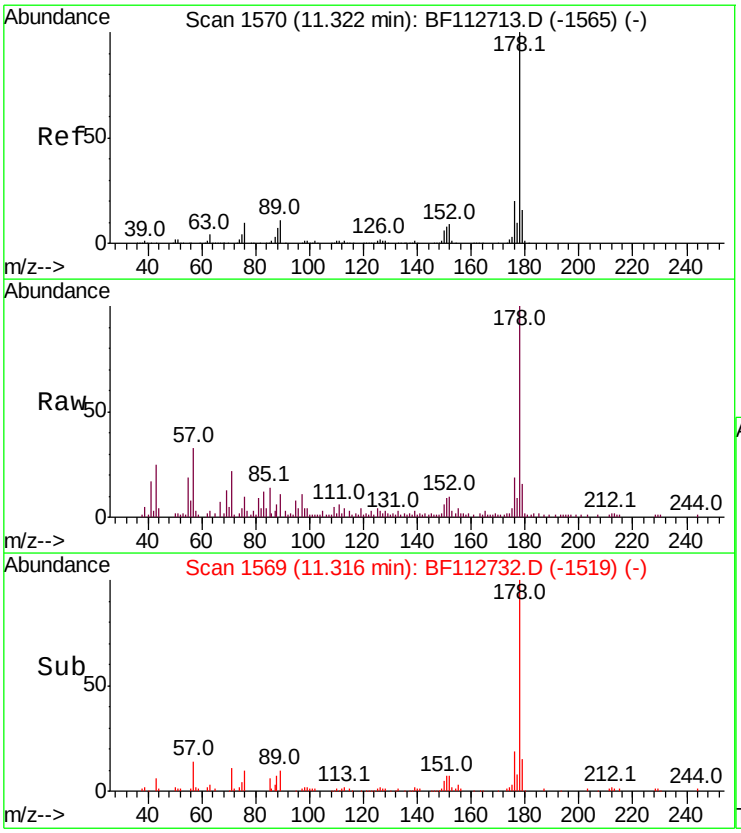
#71
Phenanthrene
Concen: 6.720 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:178 Resp: 160847

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.8	12.7	19.1

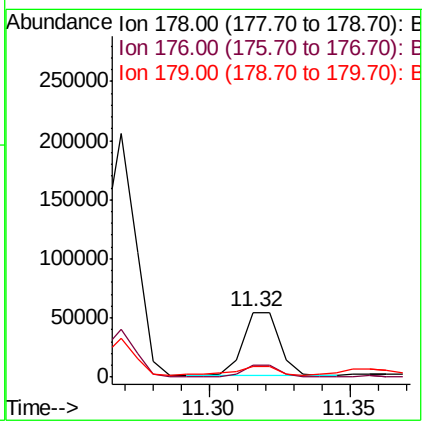


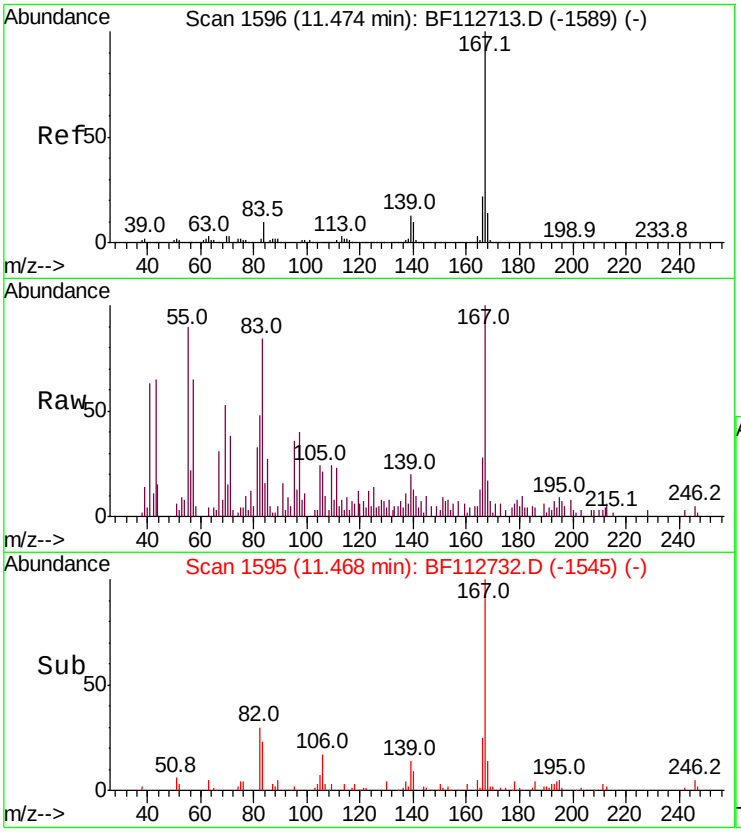


#72
Anthracene
Concen: 1.957 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:178 Resp: 49031

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	16.5	13.0	19.6



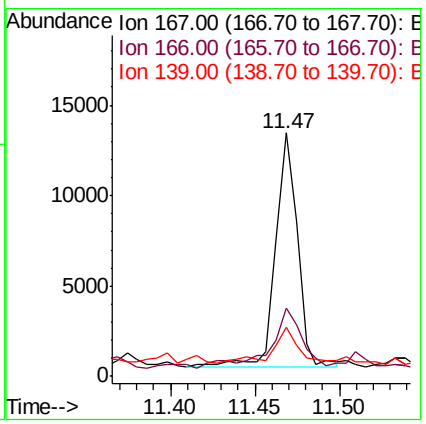


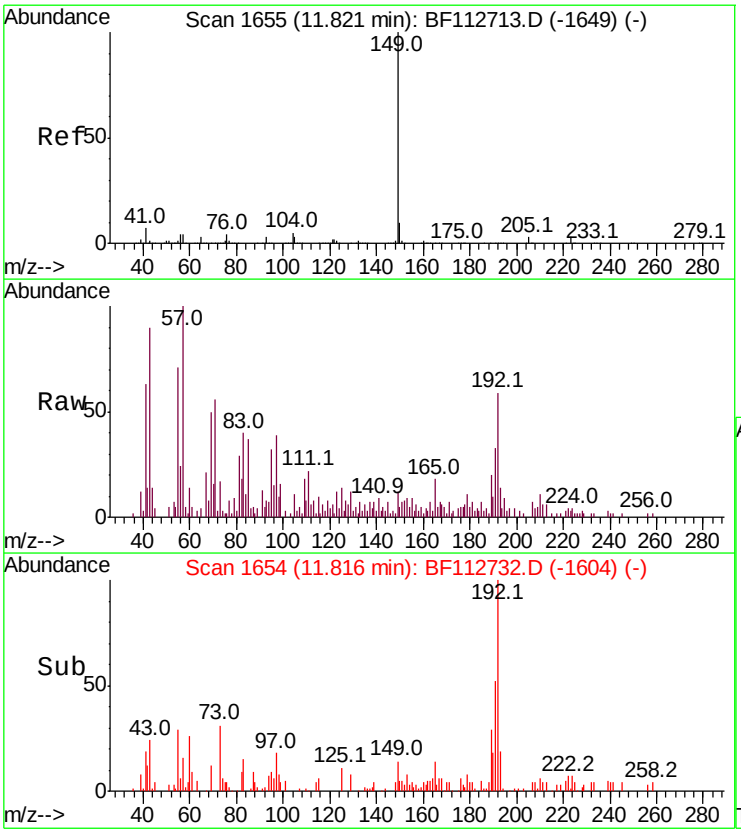
#73
Carbazole
Concen: 0.469 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:167 Resp: 11473

Ion	Ratio	Lower	Upper
167	100		
166	28.1	17.5	26.3#
139	20.0	10.8	16.2#

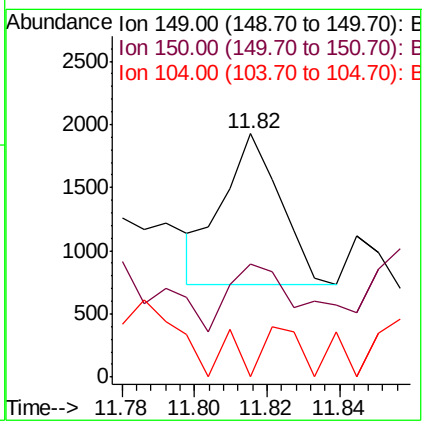


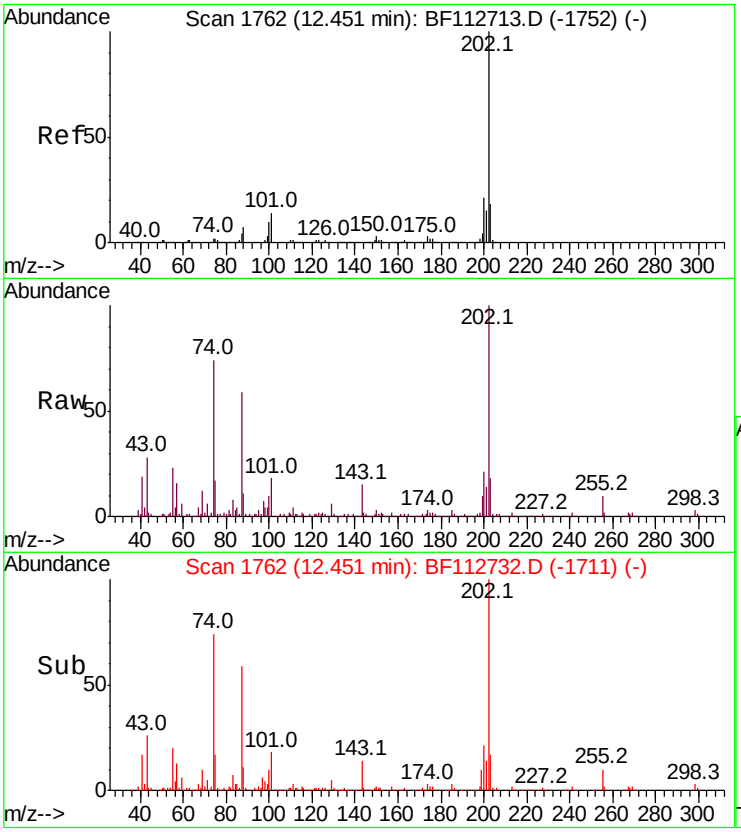


#74
Di-n-butylphthalate
Concen: 0.045 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:149 Resp: 1311

Ion	Ratio	Lower	Upper
149	100		
150	46.3	7.6	11.4#
104	0.0	3.7	5.5#



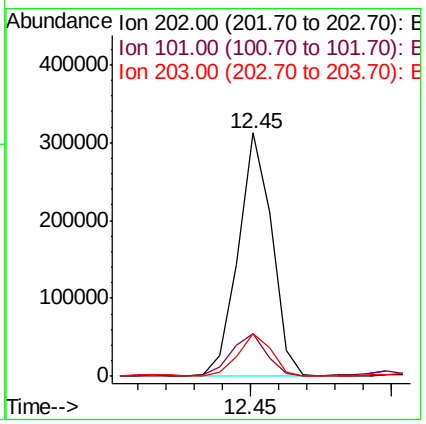


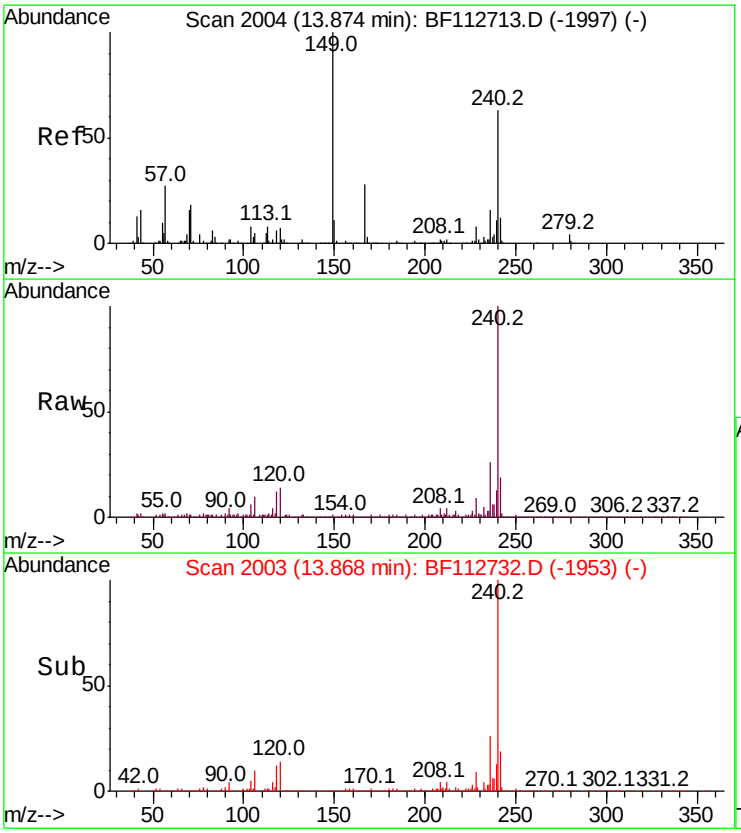
#75
Fluoranthene
Concen: 10.012 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:202 Resp: 256767

Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	33.8
203	17.5	0.0	38.4

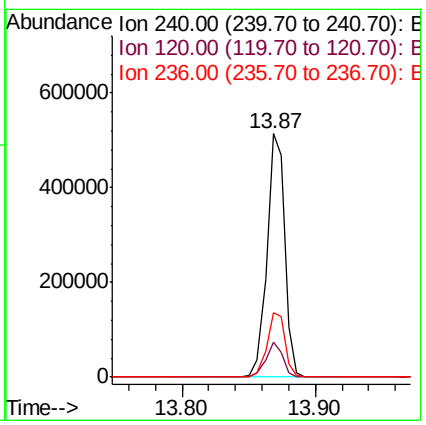


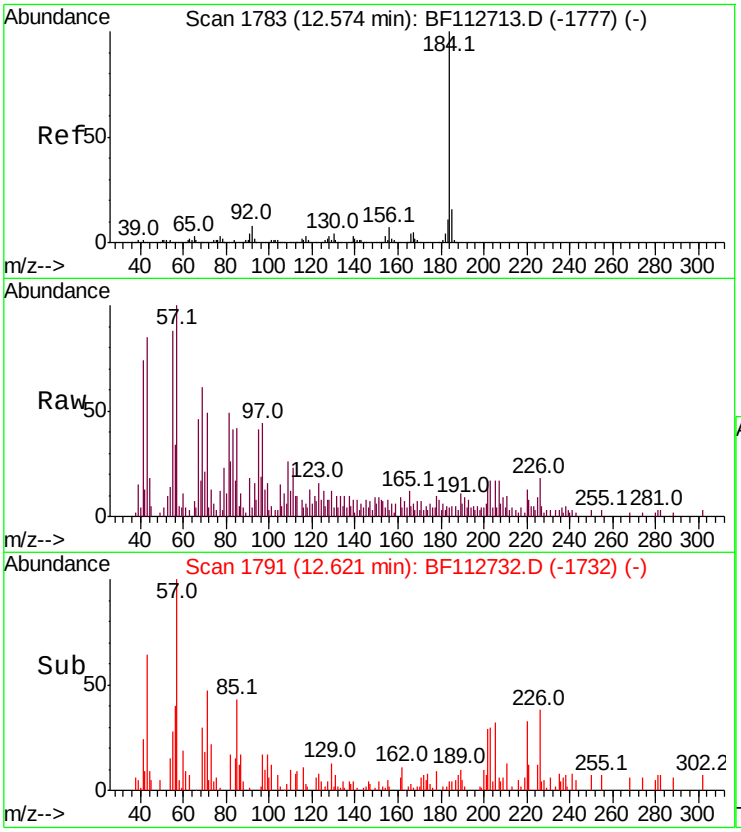


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:240 Resp: 473609

Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.9	13.3#
236	26.4	20.7	31.1



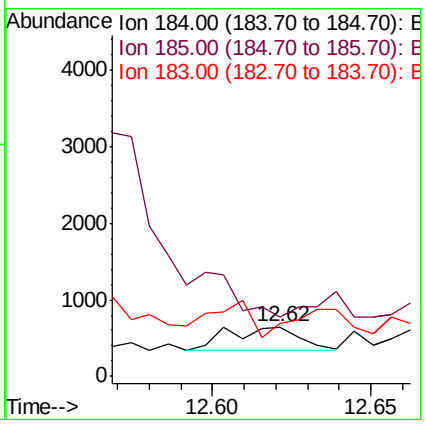


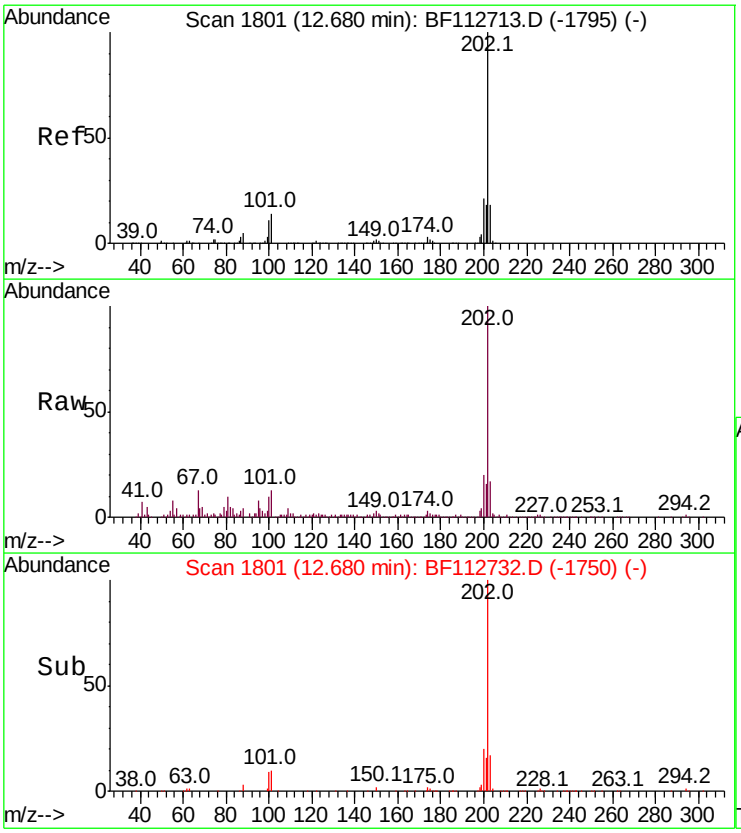
#77
Benzidine
Concen: 0.020 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.05 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:184 Resp: 484

Ion	Ratio	Lower	Upper
184	100		
185	120.0	12.6	18.8#
183	107.0	8.6	12.8#

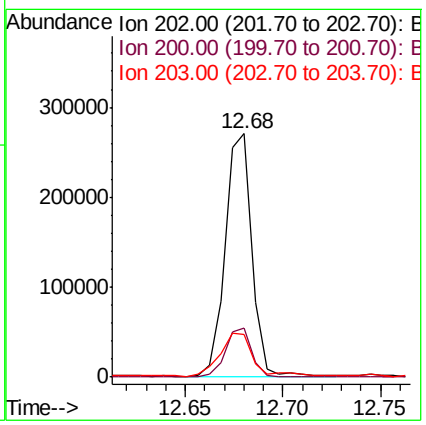


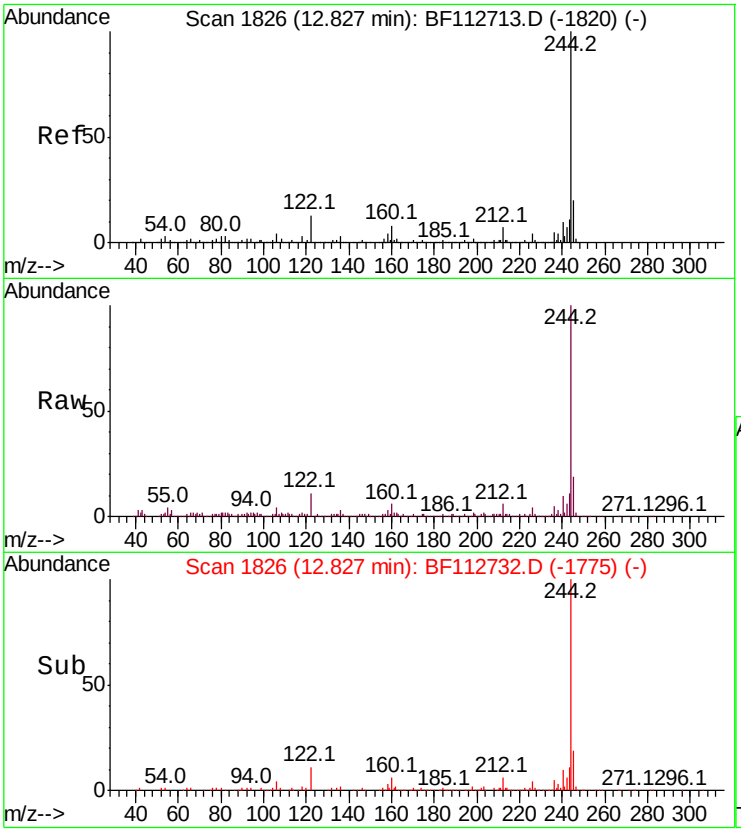


#78
Pyrene
Concen: 6.367 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:202 Resp: 254222

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.4
203	17.4	14.4	21.6



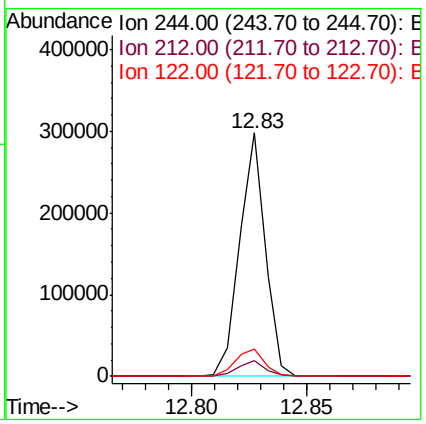


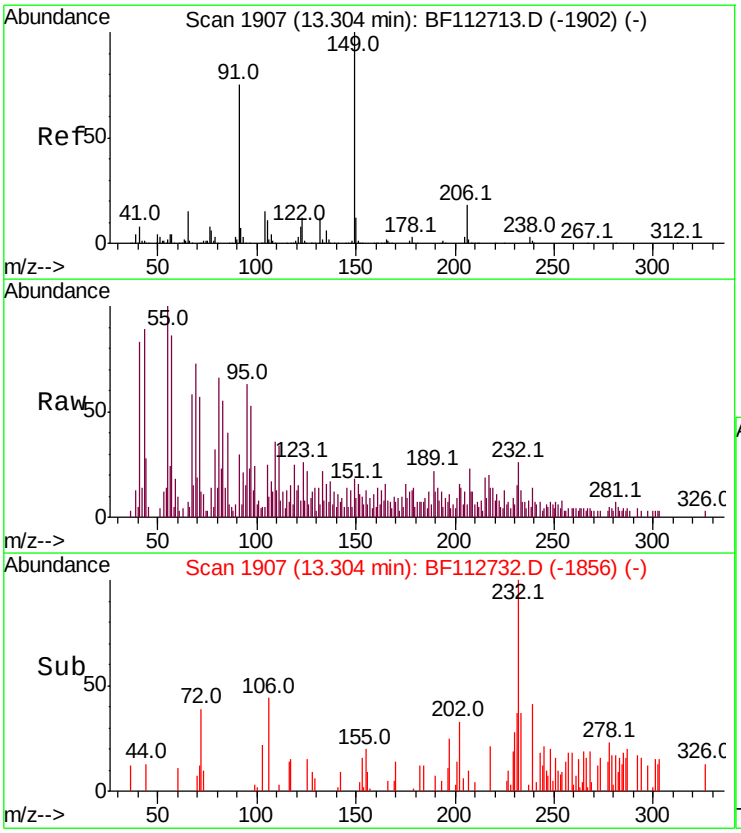
#79
Terphenyl-d14
Concen: 9.503 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument : BNA_F
ClientSampleId : PL-02-022619-A

Tgt Ion:244 Resp: 232176

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.4	10.5	15.7

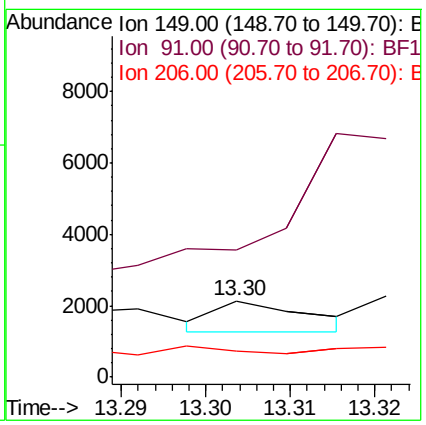


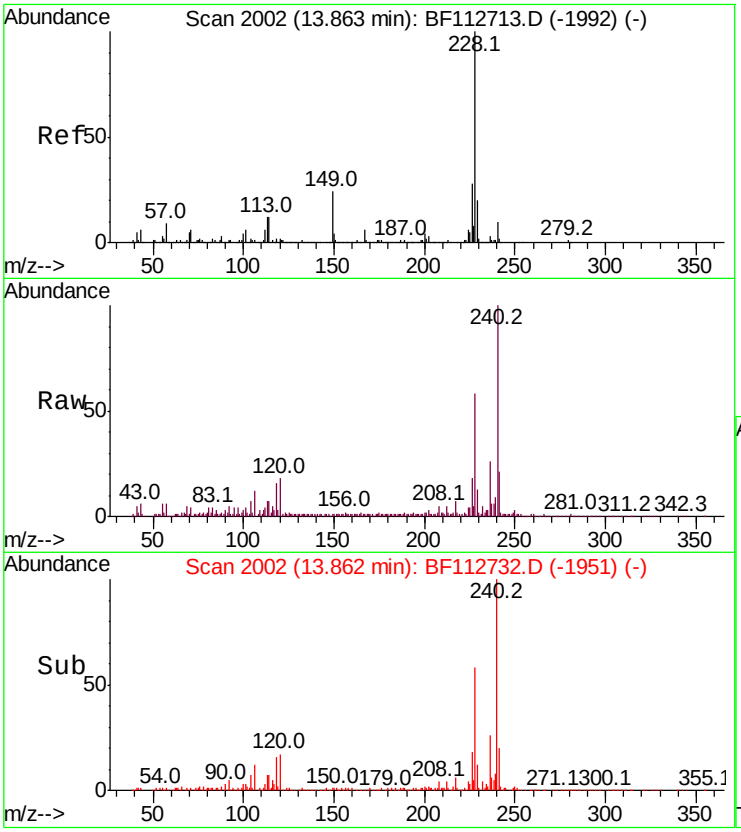


#80
Butylbenzylphthalate
Concen: 0.038 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:149 Resp: 661

Ion	Ratio	Lower	Upper
149	100		
91	166.6	59.9	89.9#
206	34.1	14.7	22.1#



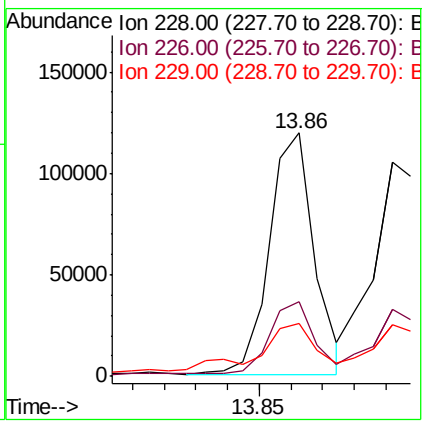


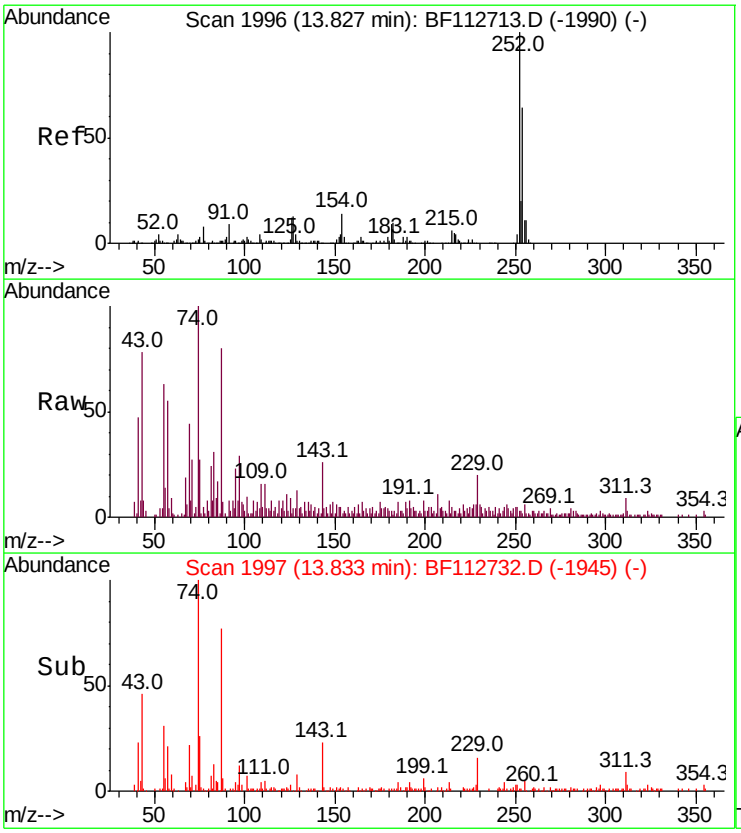
#81
Benzo(a)anthracene
Concen: 3.562 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:228 Resp: 116935

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.4
229	21.8	16.0	24.0

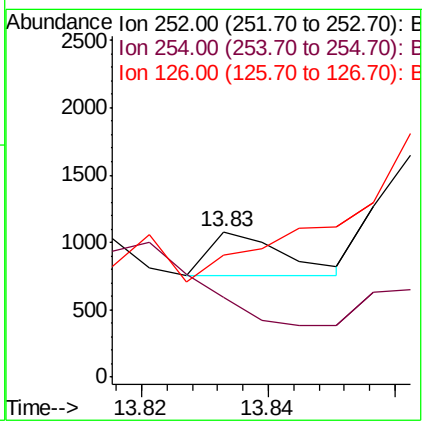


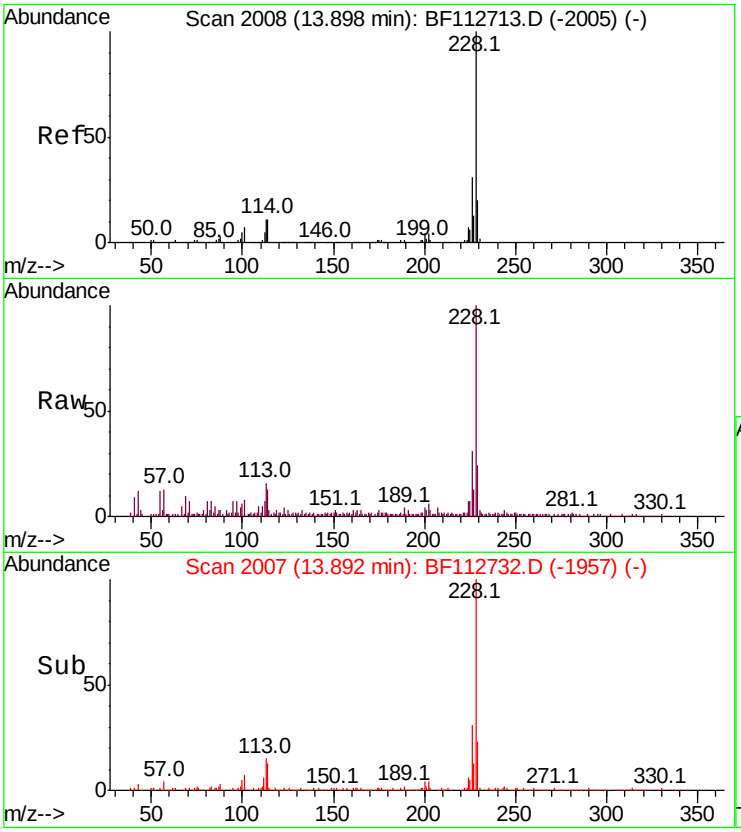


#82
3,3'-Dichlorobenzidine
Concen: 0.022 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:252 Resp: 270

Ion	Ratio	Lower	Upper
252	100		
254	54.8	51.1	76.7
126	83.5	9.9	14.9#



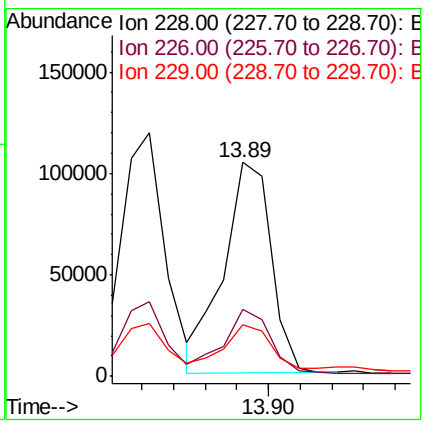


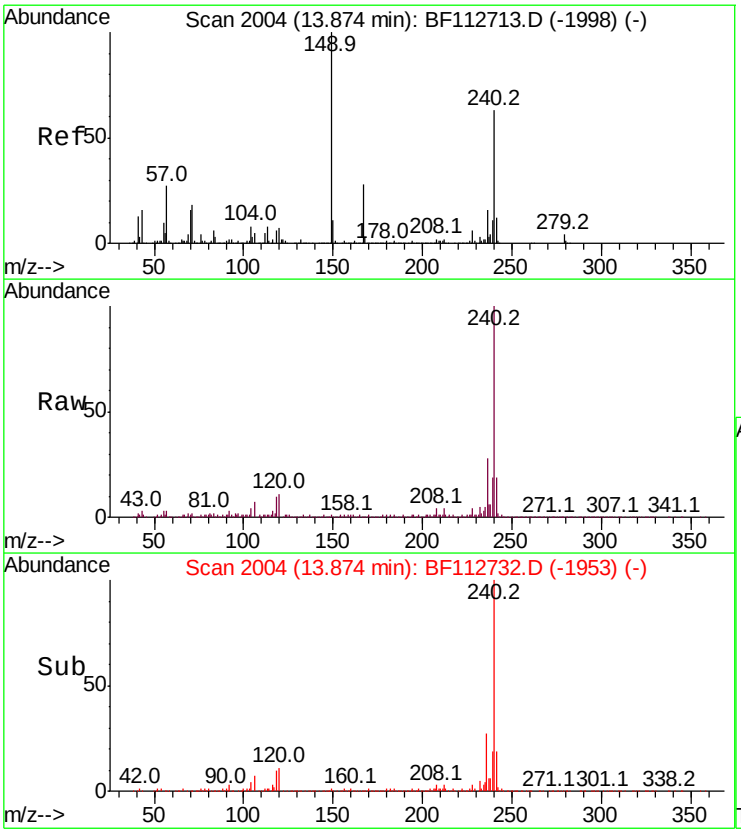
#83
Chrysene
Concen: 3.354 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:228 Resp: 107846

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	24.0	16.3	24.5

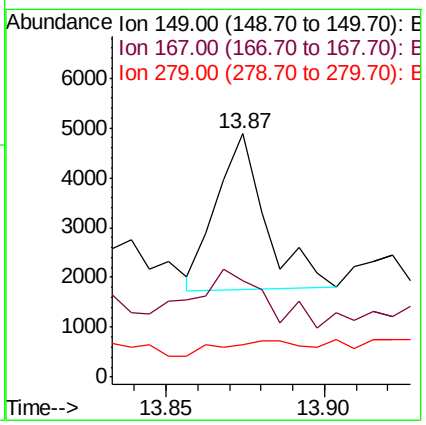


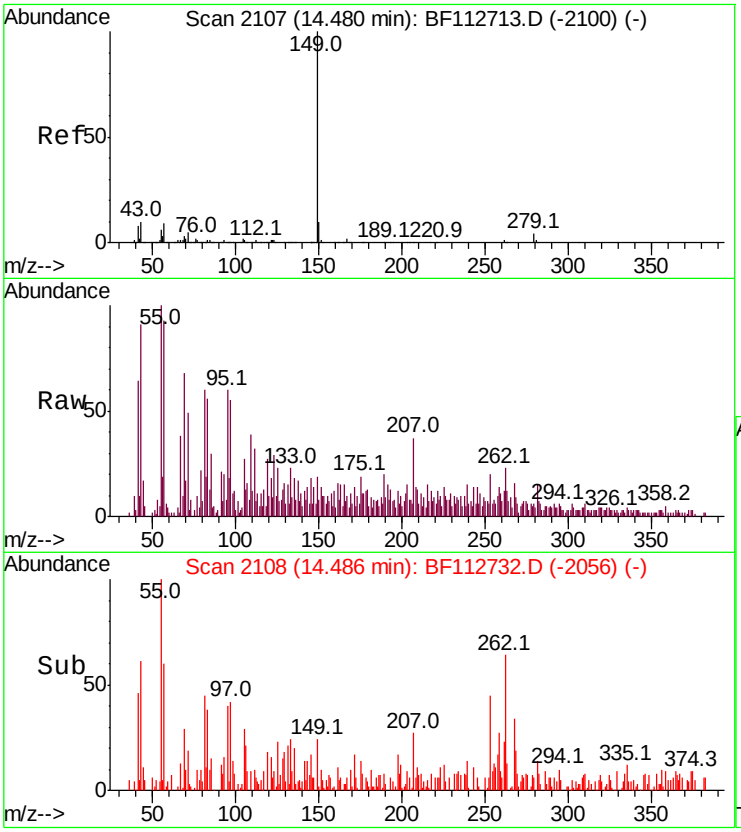


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:149 Resp: 3368

Ion	Ratio	Lower	Upper
149	100		
167	39.4	22.4	33.6#
279	13.4	3.3	4.9#



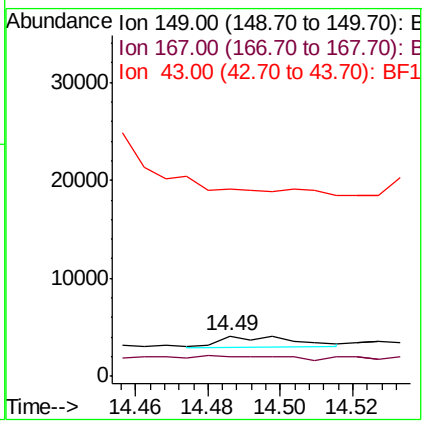


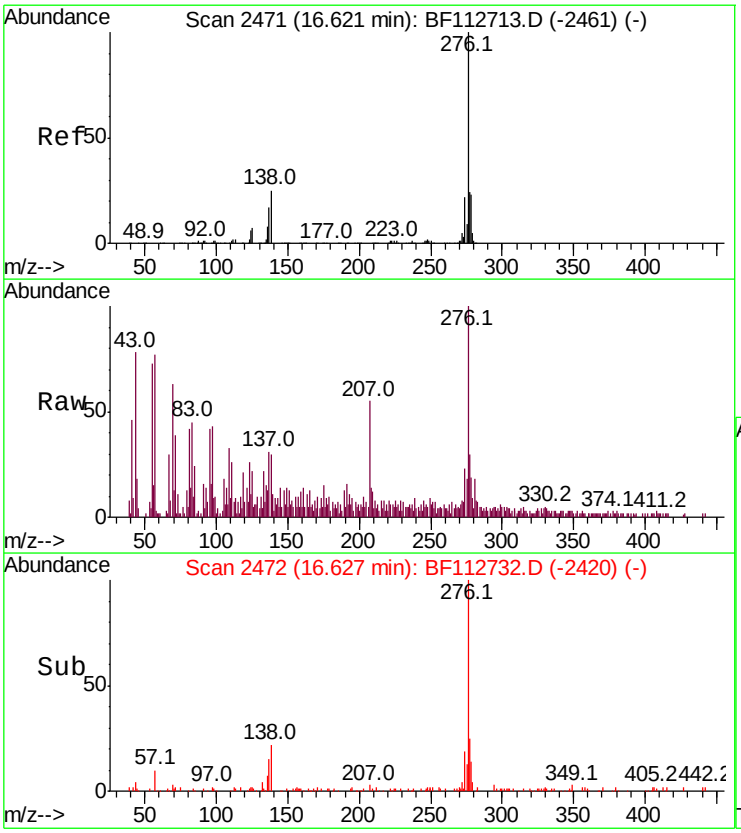
#85
Di-n-octyl phthalate
Concen: 0.043 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:149 Resp: 1544

Ion	Ratio	Lower	Upper
149	100		
167	10.7	1.2	1.8#
43	0.0	9.0	13.4#

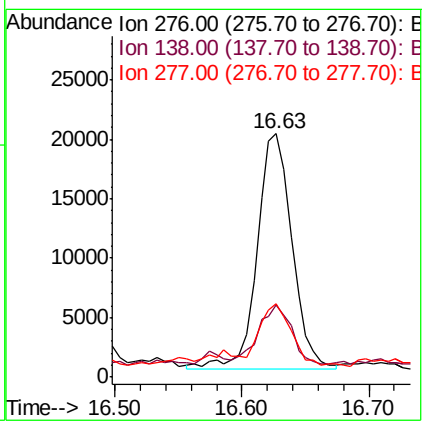


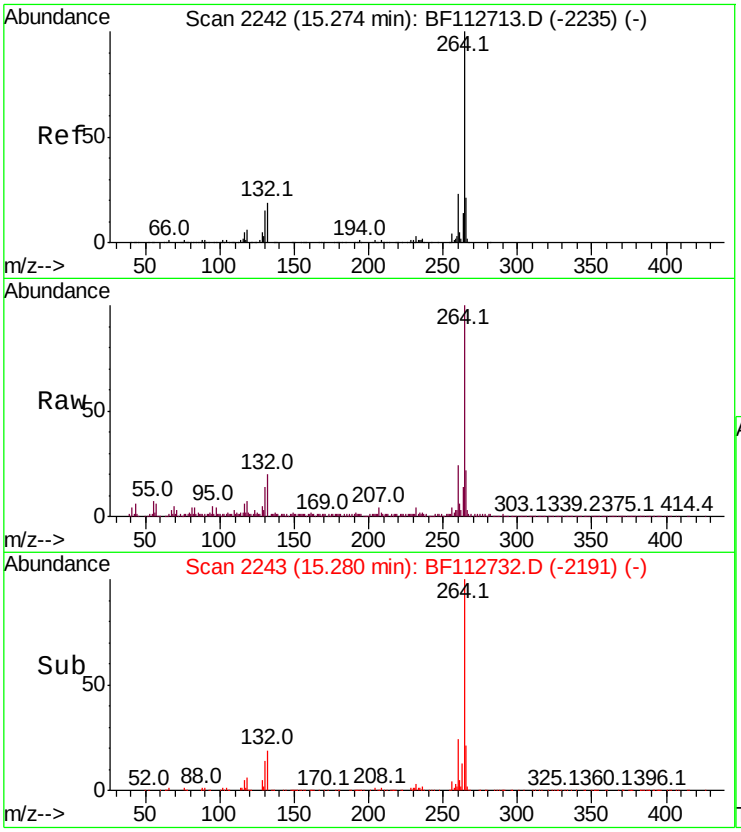


#86
Indeno(1,2,3-cd)pyrene
Concen: 1.375 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:276 Resp: 37687

Ion	Ratio	Lower	Upper
276	100		
138	23.5	23.2	34.8
277	24.5	19.9	29.9



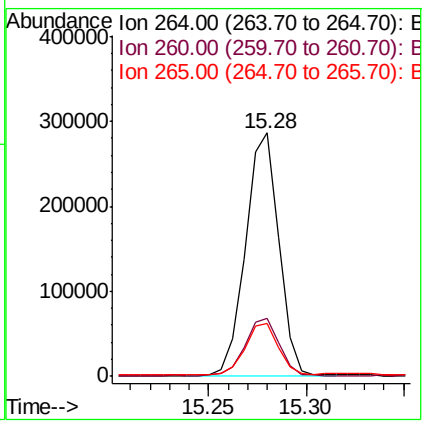


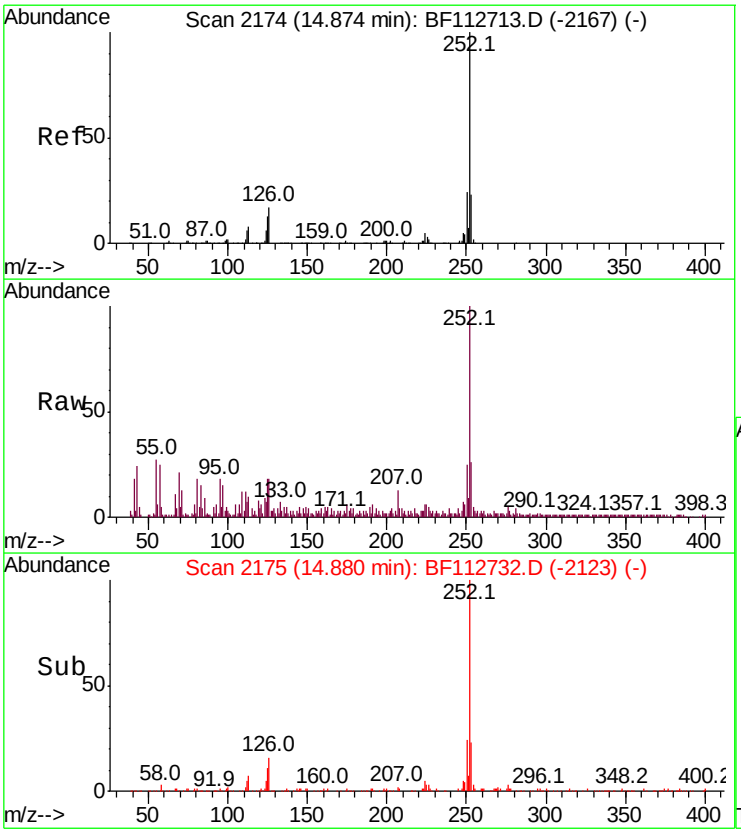
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:264 Resp: 335756

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.0	17.2	25.8

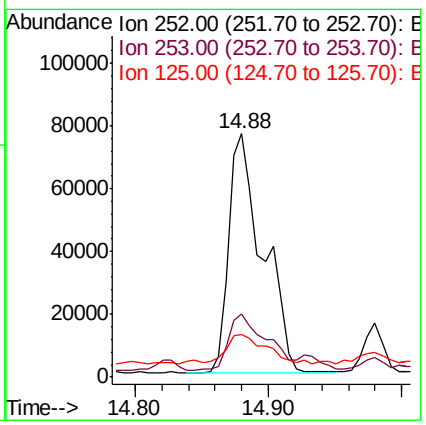


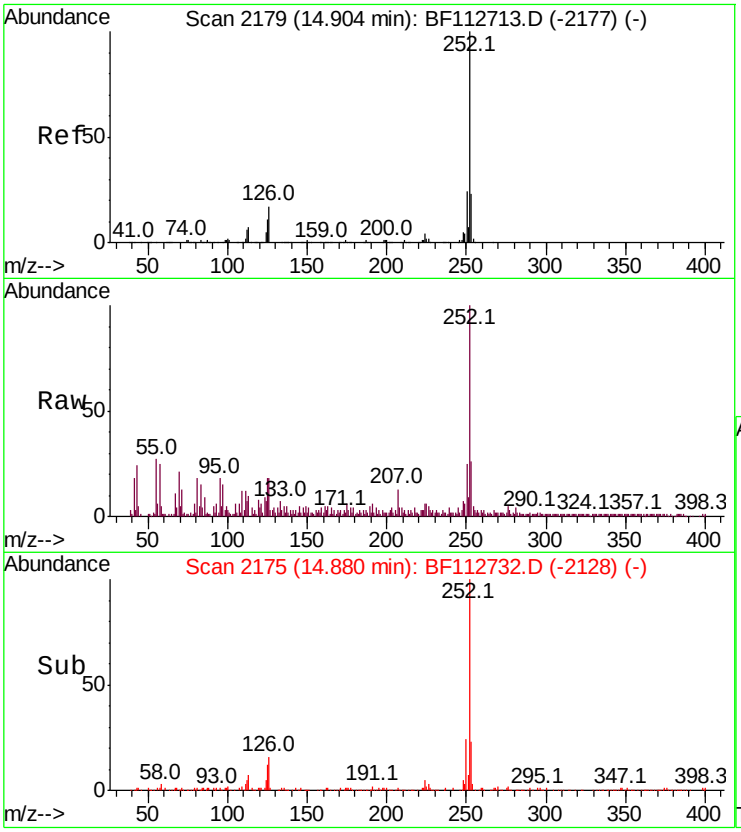


#88
Benzo(b)fluoranthene
Concen: 6.271 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:252 Resp: 136194

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.0	27.0
125	17.7	10.2	15.2#



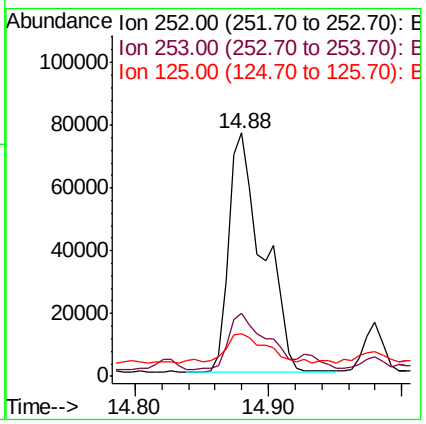


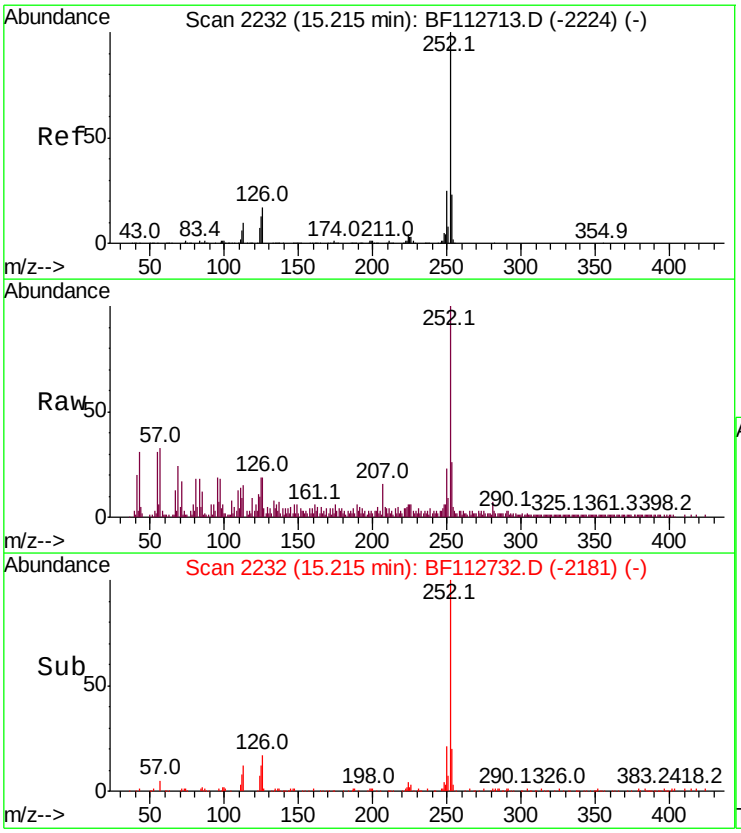
#89
Benzo(k)fluoranthene
Concen: 6.923 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:252 Resp: 136194

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.2	27.2
125	17.7	9.8	14.6#

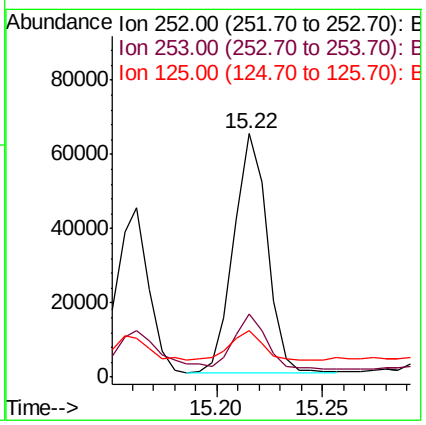


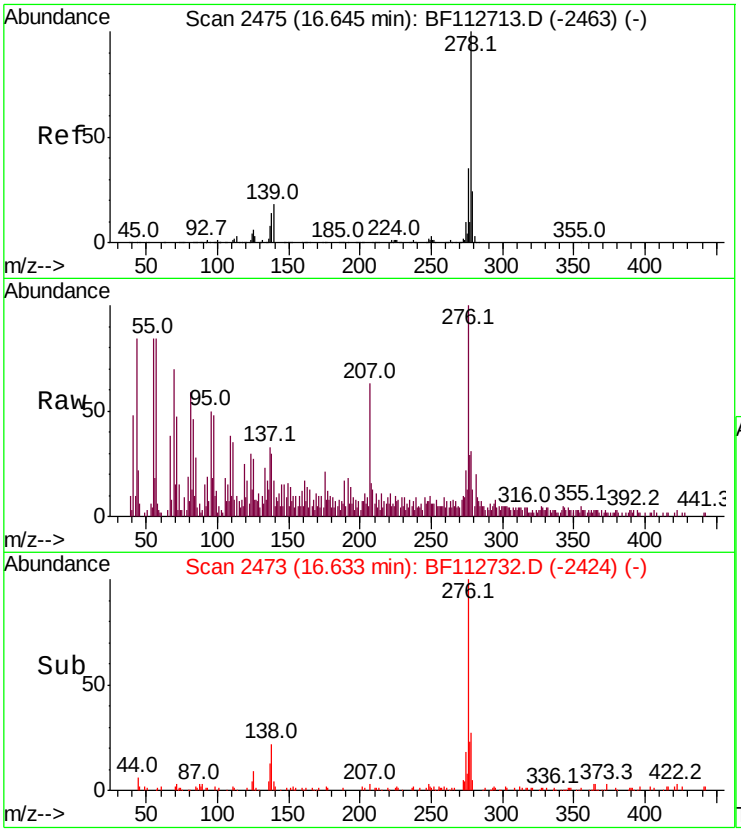


#90
Benzo(a)pyrene
Concen: 3.668 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:252 Resp: 70459

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	19.1	10.7	16.1#



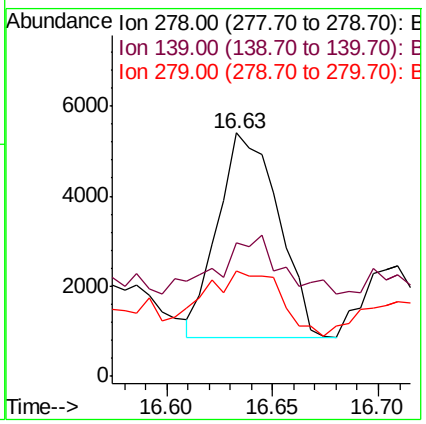


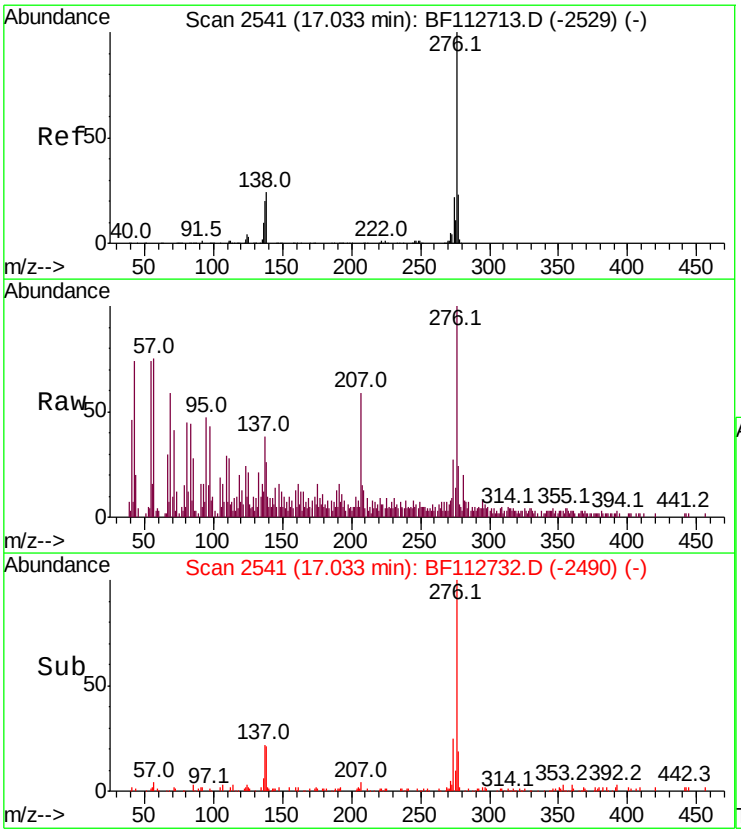
#91
Dibenzo(a,h)anthracene
Concen: 0.550 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Instrument :
BNA_F
ClientSampleId :
PL-02-022619-A

Tgt Ion:278 Resp: 9011

Ion	Ratio	Lower	Upper
278	100		
139	54.9	14.3	21.5#
279	43.2	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 2.129 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF112732.D
Acq: 27 Feb 2019 21:23

Tgt Ion:276 Resp: 35040

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	26.2	19.4	29.0