Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112728.D
Acq On : 27 Feb 2019 19:27
Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 28 02:01:58 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	197418	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	701350	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	277594	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	510152	20.00	ng	0.00
76) Chrysene-d12	13.87	240	517742	20.00	ng	0.00
87) Perylene-d12	15.27	264	412251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	641865	50.58	ng	0.00
7) Phenol-d6	6.36	99	799440	50.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	446087	38.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	145052	49.22	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	698582	35.51	ng	0.00
79) Terphenyl-d14	12.83	244	696560	26.08	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.99	42	122	0.016	ng	# 1
6) Aniline	6.37	93	625	0.028	ng	# 1
8) 2-Chlorophenol	6.52	128	108	0.008	ng	# 1
9) Benzaldehyde	6.37	77	1682	0.146	ng	# 1
10) Phenol	6.37	94	22906	1.231	ng	94
11) bis(2-Chloroethyl)ether	6.50	93	927	0.065	ng	# 1
15) Benzyl Alcohol	6.89	79	8508	0.700	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	7.07	45	124	0.005	ng	# 1
17) 2-Methylphenol	6.87	107	108	0.009	ng	# 1
18) Hexachloroethane	7.28	117	313	0.056	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	58752	5.819	ng	# 78
20) 3+4-Methylphenols	7.14	107	808	0.062	ng	# 83
22) Acetophenone	7.14	105	1411	0.086	ng	# 68
24) Nitrobenzene	7.33	77	228	0.017	ng	# 38
25) Isophorone	7.29	82	445367	17.638	ng	# 66
27) 2,4-Dimethylphenol	7.70	122	733	0.073	ng	# 4
28) bis(2-Chloroethoxy)methane	7.62	93	120	0.008	ng	# 1
29) 2,4-Dichlorophenol	7.99	162	143	0.015	ng	# 21
31) Naphthalene	8.04	128	8026	0.230	ng	# 93
32) Benzoic acid	7.70	122	733	0.104	ng	# 70
33) 4-Chloroaniline	8.04	127	1357	0.092	ng	# 48
35) Caprolactam	8.46	113	411	0.119	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	258	0.024	ng	# 20
37) 2-Methylnaphthalene	8.73	142	4852	0.216	ng	95
38) 1-Methylnaphthalene	8.83	142	4169	0.191	ng	# 91
46) 1,1'-Biphenyl	9.19	154	2435	0.108	ng	95
47) 2-Chloronaphthalene	9.36	162	152	0.009	ng	# 1
48) 2-Nitroaniline	9.27	65	494	0.092	ng	# 4
49) Acenaphthylene	9.63	152	17017	0.567	ng	98
50) Dimethylphthalate	9.49	163	46288	2.261	ng	98
51) 2,6-Dinitrotoluene	9.77	165	36860	8.648	ng	# 18
52) Acenaphthene	9.80	154	5885	0.335	ng	# 84
53) 3-Nitroaniline	9.76	138	120	0.023	ng	# 1
55) Dibenzofuran	9.97	168	7049	0.276	ng	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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Operator : JU/SJ
Sample : K1353-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 28 02:01:58 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	506	0.120	ng	#	51
57) 2,4-Dinitrotoluene	9.77	165	36860	6.957	ng	#	18
58) Fluorene	10.31	166	13079	0.722	ng		94
60) Diethylphthalate	10.19	149	1131	0.052	ng	#	74
61) 4-Chlorophenyl-phenylether	10.50	204	113	0.013	ng	#	26
62) 4-Nitroaniline	10.31	138	132	0.028	ng	#	20
63) Azobenzene	10.47	77	912	0.041	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.55	198	124	4.666	ng	#	1
66) n-Nitrosodiphenylamine	10.43	169	1749	0.107	ng	#	40
67) 4-Bromophenyl-phenylether	10.55	248	8918	1.660	ng	#	1
69) Atrazine	11.10	200	117	0.023	ng	#	35
71) Phenanthrene	11.27	178	127672	5.030	ng		96
72) Anthracene	11.32	178	36824	1.386	ng		98
73) Carbazole	11.47	167	12255	0.473	ng		98
74) Di-n-butylphthalate	11.82	149	7112	0.229	ng	#	90
75) Fluoranthene	12.45	202	234492	8.623	ng		94
77) Benzidine	12.57	184	395	0.015	ng	#	1
78) Pyrene	12.67	202	246684	5.652	ng		97
80) Butylbenzylphthalate	13.30	149	792	0.041	ng	#	43
81) Benzo(a)anthracene	13.86	228	132855	3.702	ng		95
82) 3,3'-Dichlorobenzidine	13.80	252	712	0.052	ng	#	62
83) Chrysene	13.89	228	129414	3.682	ng		95
84) Bis(2-ethylhexyl)phthalate	13.87	149	10957	0.485	ng	#	90
85) Di-n-octyl phthalate	14.49	149	2680	0.069	ng	#	55
86) Indeno(1,2,3-cd)pyrene	16.62	276	47504	1.585	ng		95
88) Benzo(b)fluoranthene	14.87	252	192467	7.218	ng	#	94
89) Benzo(k)fluoranthene	14.87	252	192467	7.968	ng	#	94
90) Benzo(a)pyrene	15.22	252	93316	3.956	ng	#	94
91) Dibenzo(a,h)anthracene	16.64	278	13090	0.650	ng	#	71
92) Benzo(g,h,i)perylene	17.02	276	45426	2.248	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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Acq On : 27 Feb 2019 19:27
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Misc :
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Instrument :
BNA_F
ClientSampleId :
PL-02-022619-D

Quant Time: Feb 28 02:01:58 2019
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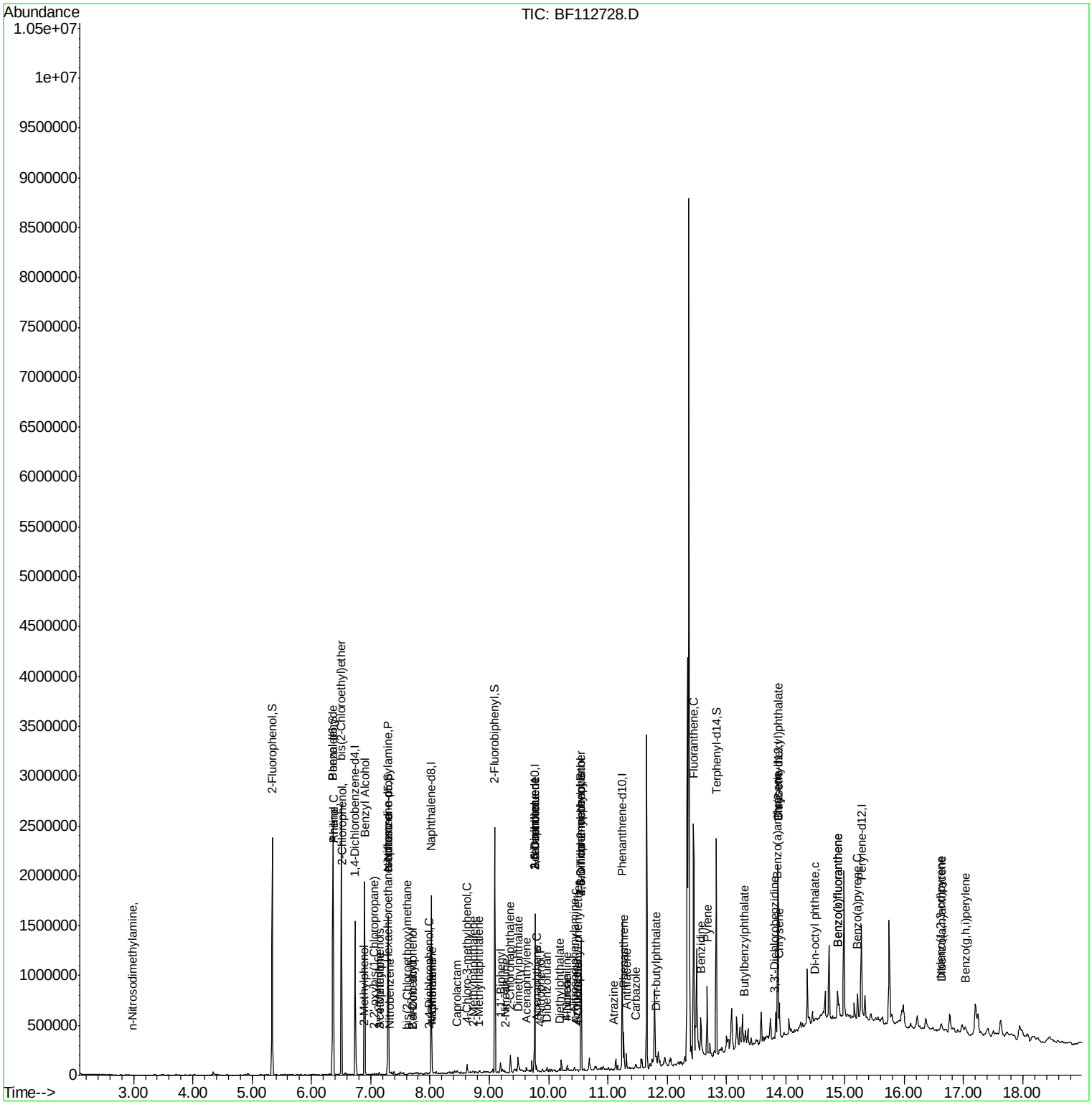
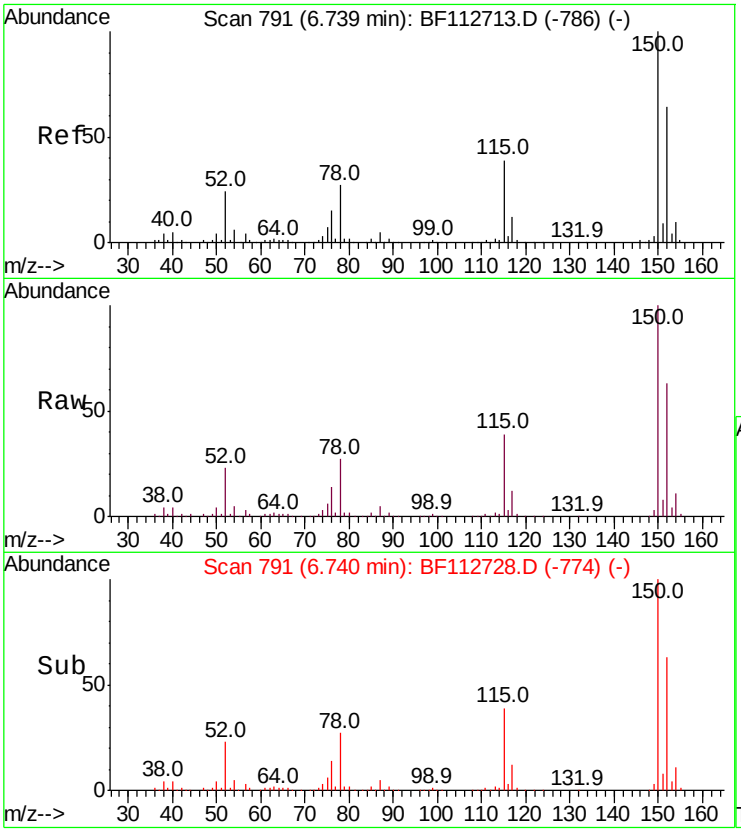


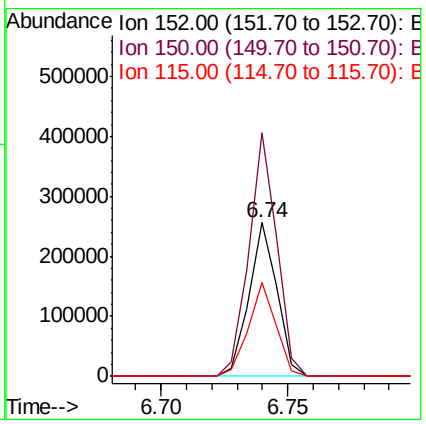


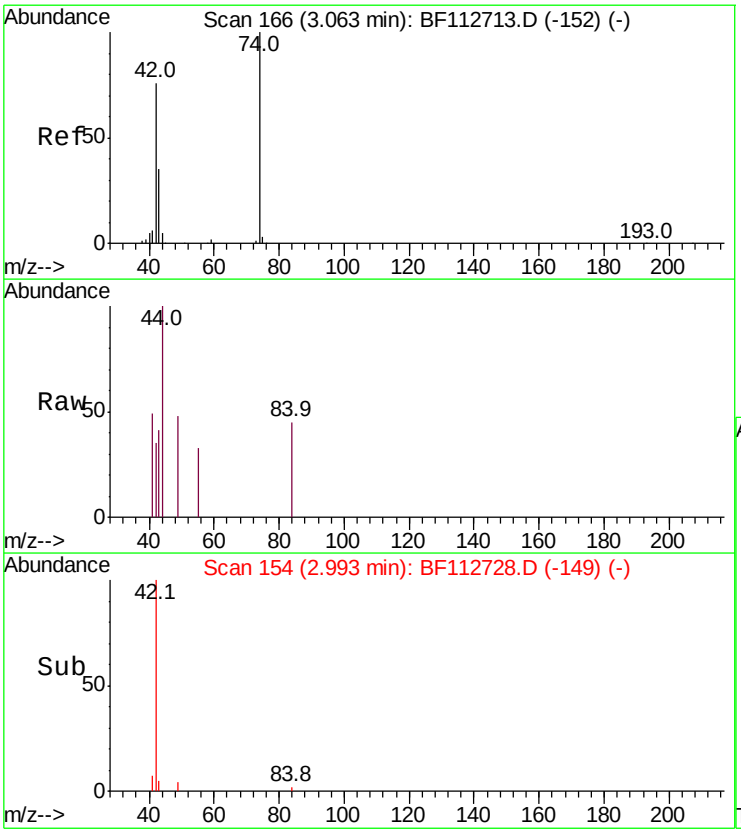
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:152 Resp: 197418

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.2	186.2
115	61.0	48.2	72.4

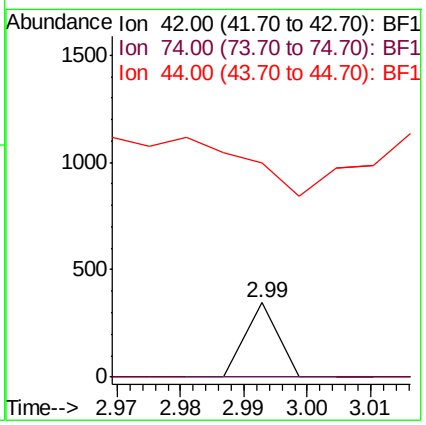


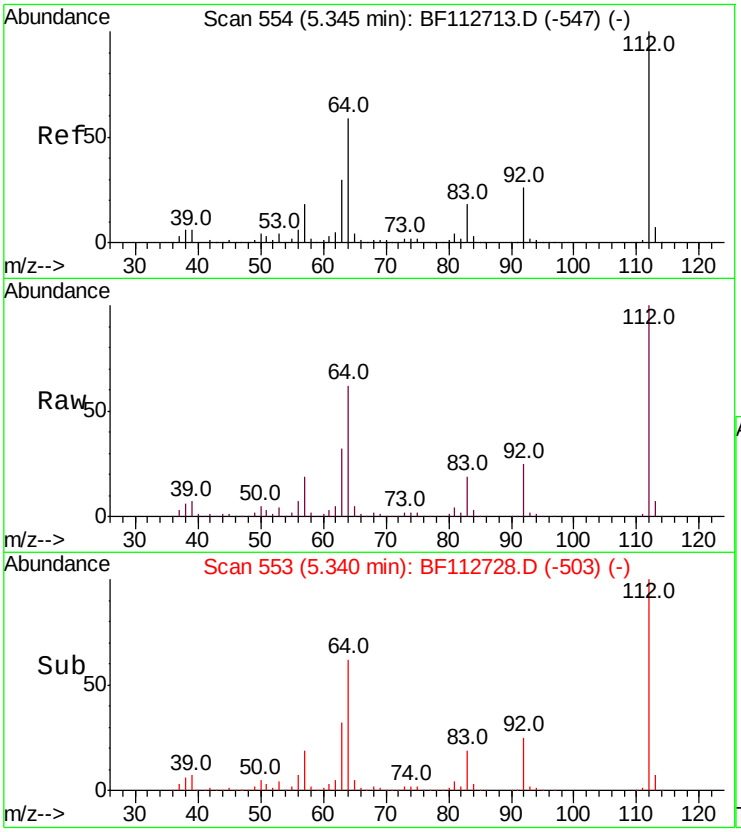


#4
n-Nitrosodimethylamine
Concen: 0.016 ng
RT: 2.99 min Scan# 154
Delta R.T. -0.07 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 42 Resp: 122

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	289.6	6.2	9.2#



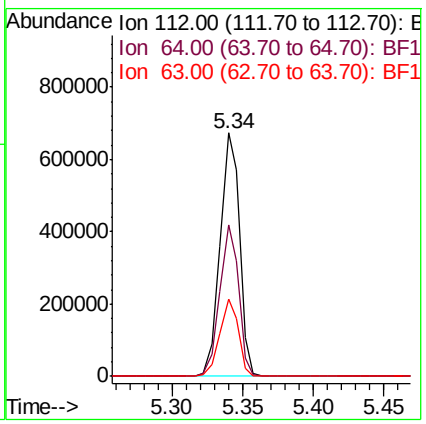


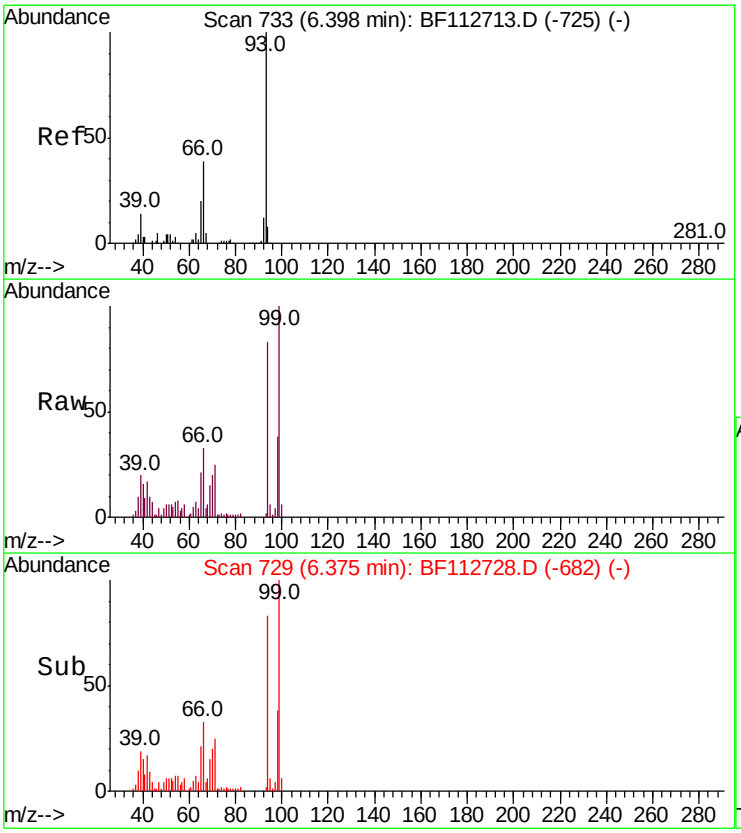
#5
2-Fluorophenol
Concen: 50.575 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:112 Resp: 641865

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.6	71.4
63	31.7	24.4	36.6

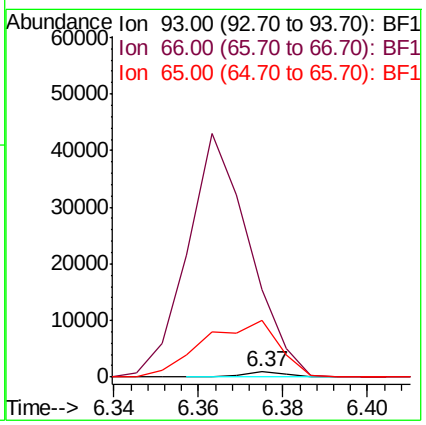


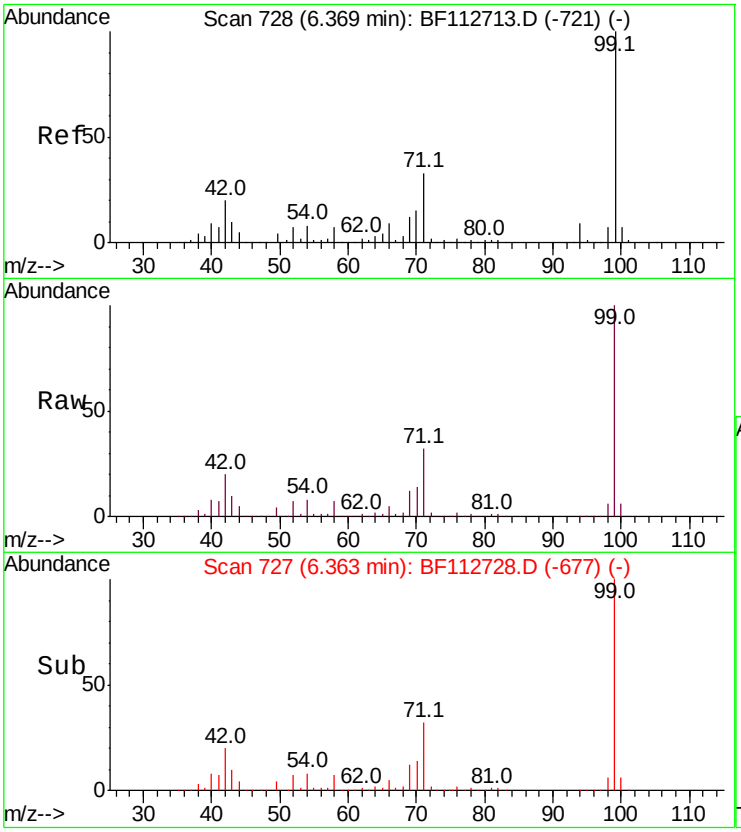


#6
Aniline
Concen: 0.028 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 93 Resp: 625

Ion	Ratio	Lower	Upper
93	100		
66	1668.9	32.2	48.2#
65	1080.8	16.2	24.4#



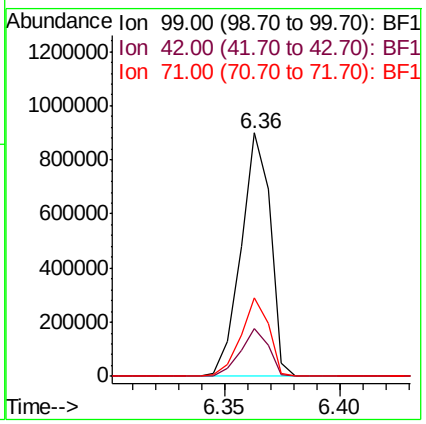


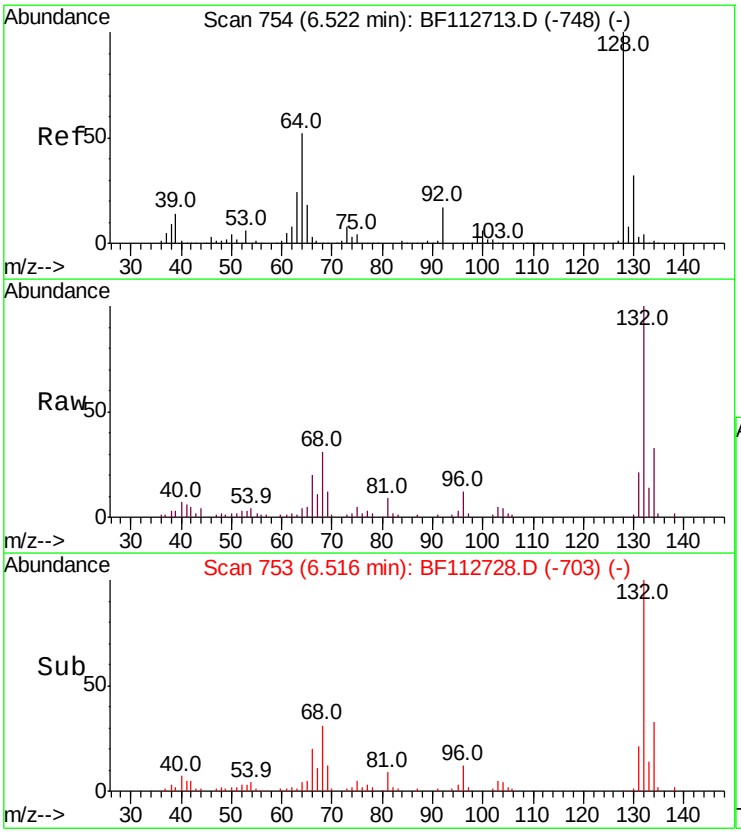
#7
Phenol-d6
Concen: 50.146 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion: 99 Resp: 799440

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	32.3	26.2	39.4

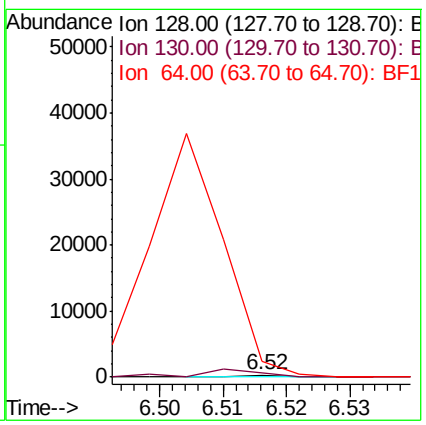


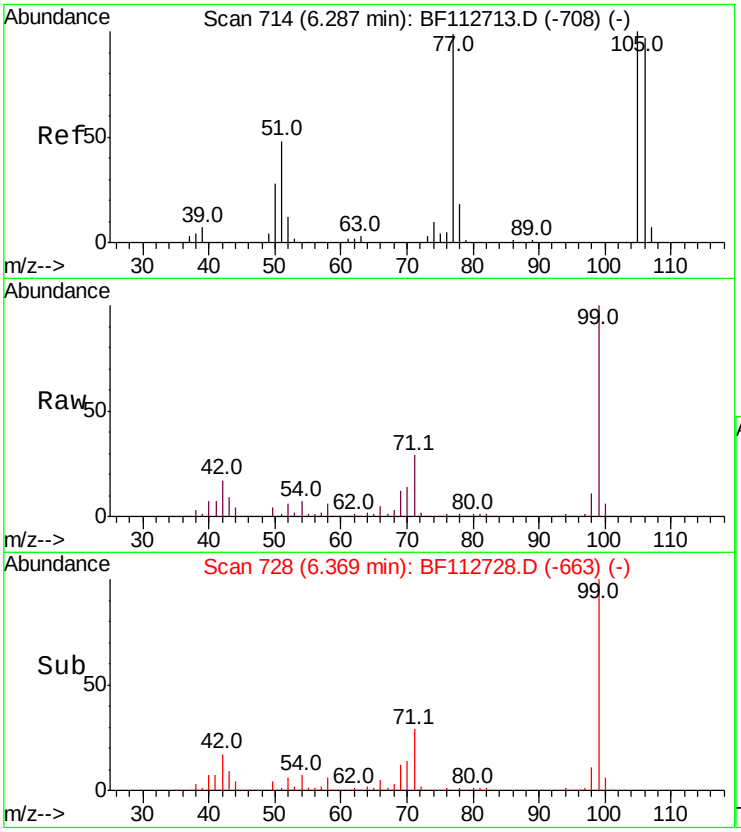


#8
2-Chlorophenol
Concen: 0.008 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:128 Resp: 108

Ion	Ratio	Lower	Upper
128	100		
130	220.7	12.4	52.4#
64	764.3	32.2	72.2#



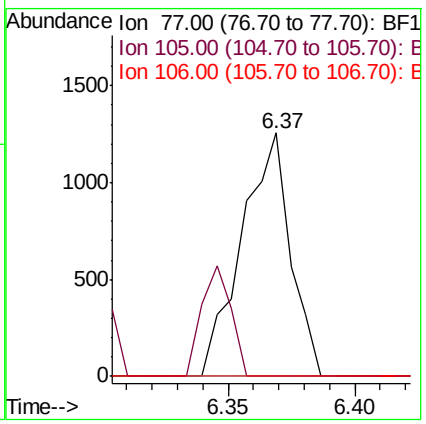


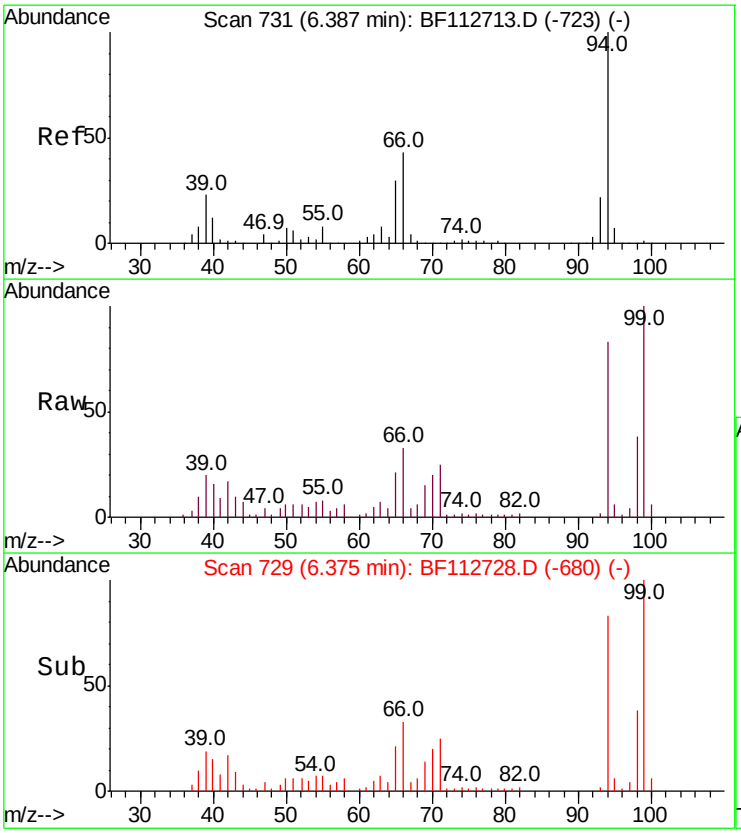
#9
Benzaldehyde
Concen: 0.146 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.08 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion: 77 Resp: 1682

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

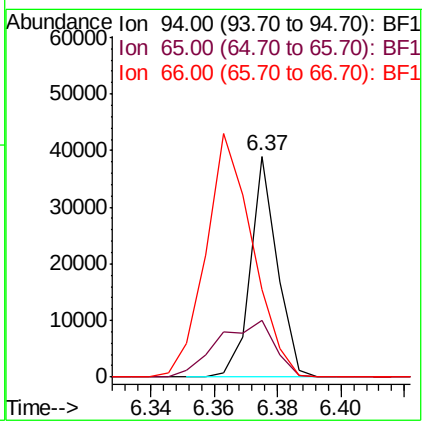


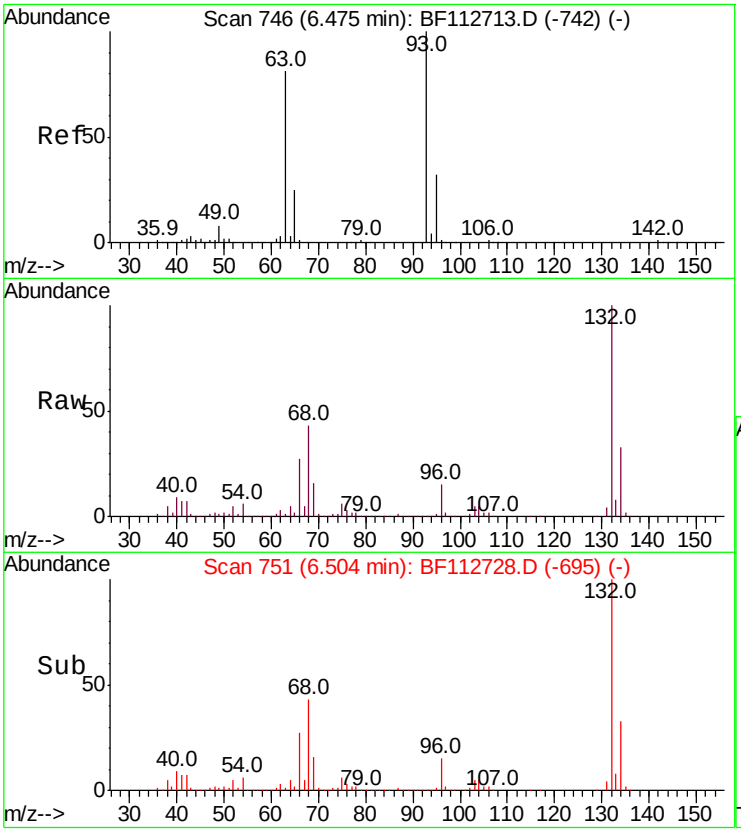


#10
Phenol
Concen: 1.231 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 94 Resp: 22906

Ion	Ratio	Lower	Upper
94	100		
65	25.7	10.5	50.5
66	39.7	22.6	62.6



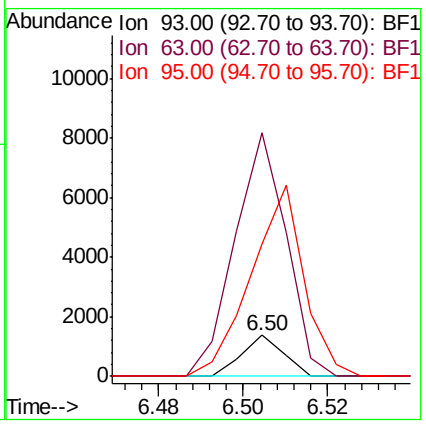


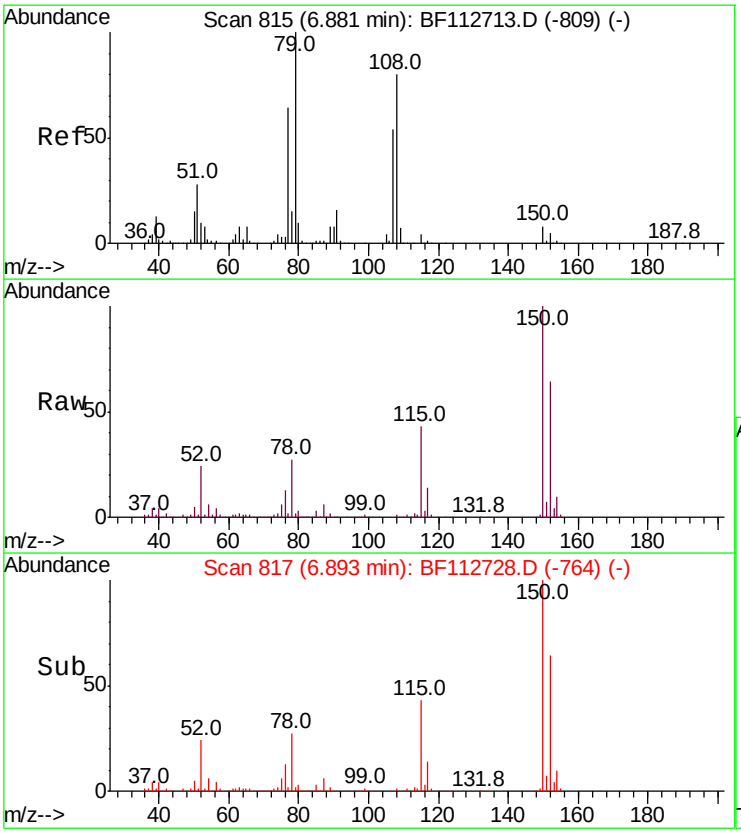
#11
bis(2-Chloroethyl)ether
Concen: 0.065 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion: 93 Resp: 927

Ion	Ratio	Lower	Upper
93	100		
63	595.8	60.5	100.5#
95	322.2	12.1	52.1#

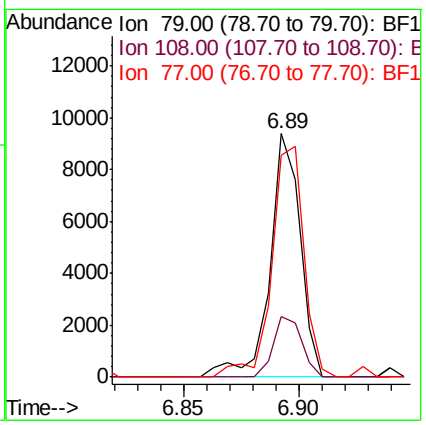


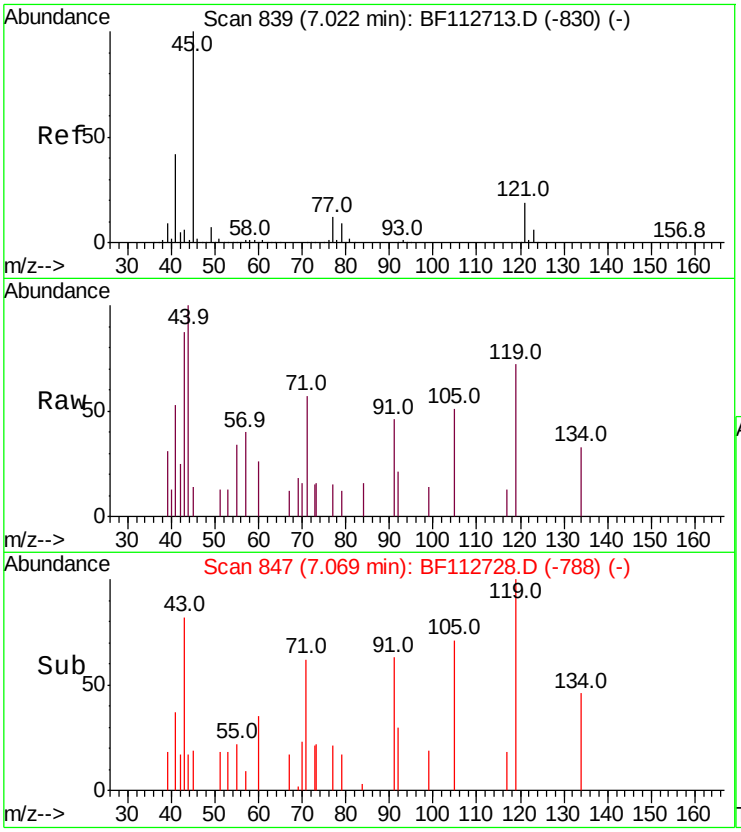


#15
Benzyl Alcohol
Concen: 0.700 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 79 Resp: 8508

Ion	Ratio	Lower	Upper
79	100		
108	25.1	64.2	96.4#
77	91.1	51.1	76.7#



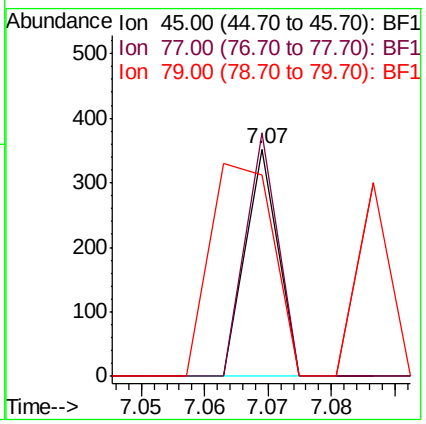


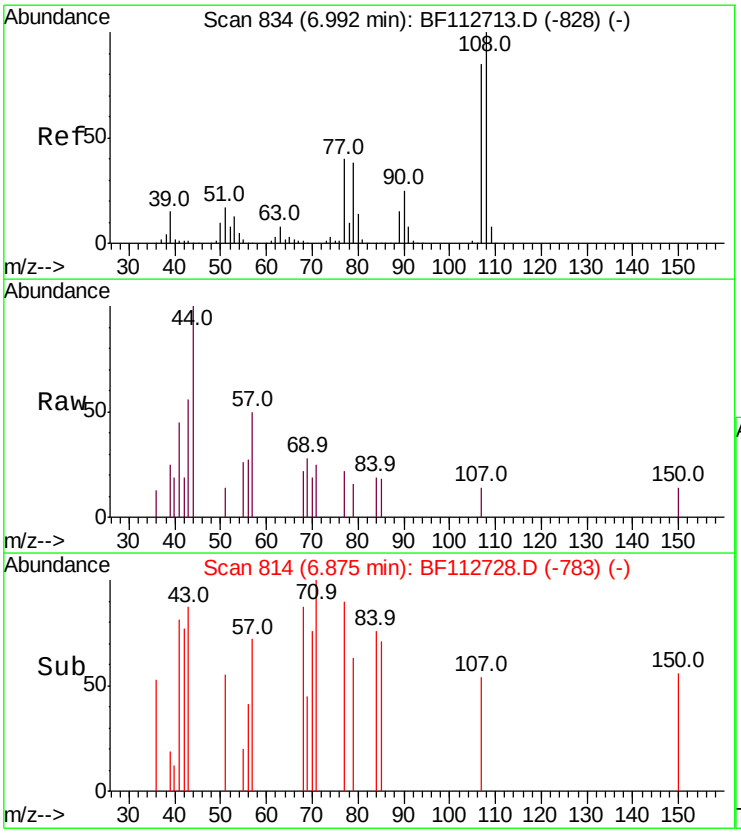
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.05 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion: 45 Resp: 124

Ion	Ratio	Lower	Upper
45	100		
77	107.1	0.0	32.1#
79	88.6	0.0	29.4#

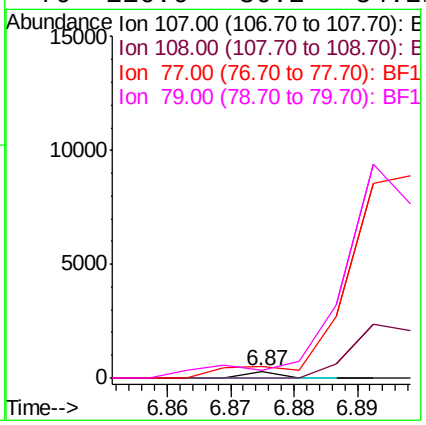


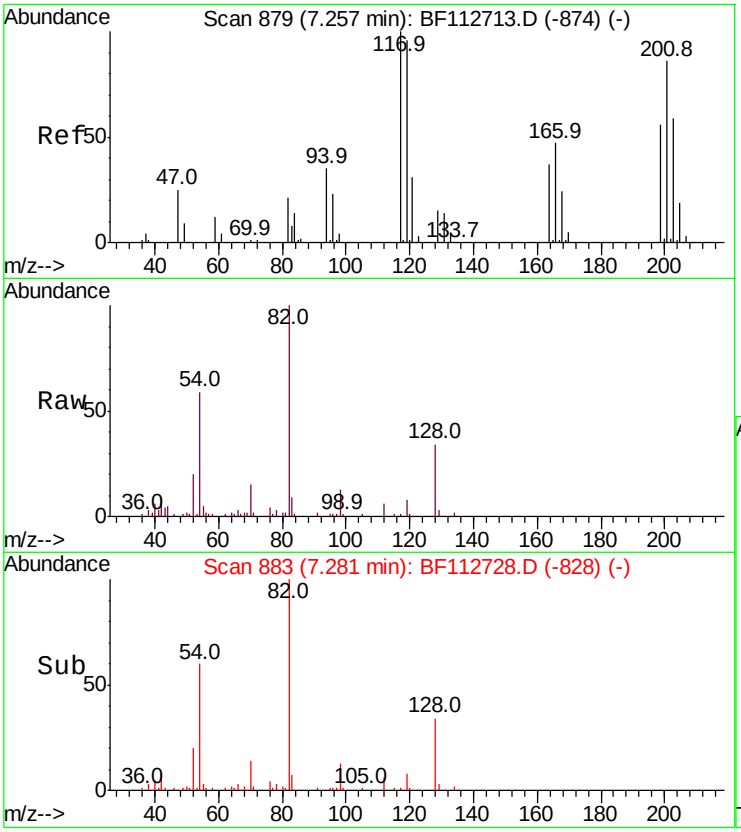


#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.12 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
108	0.0	94.6	142.0#
77	164.8	37.8	56.8#
79	116.6	36.2	54.2#



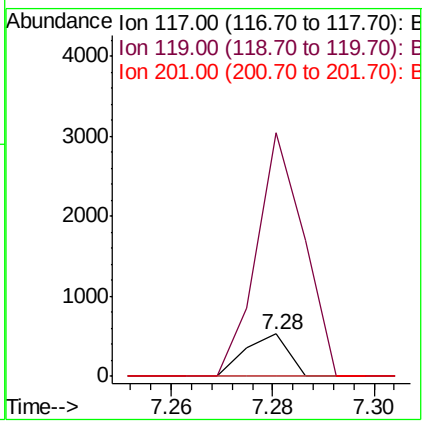


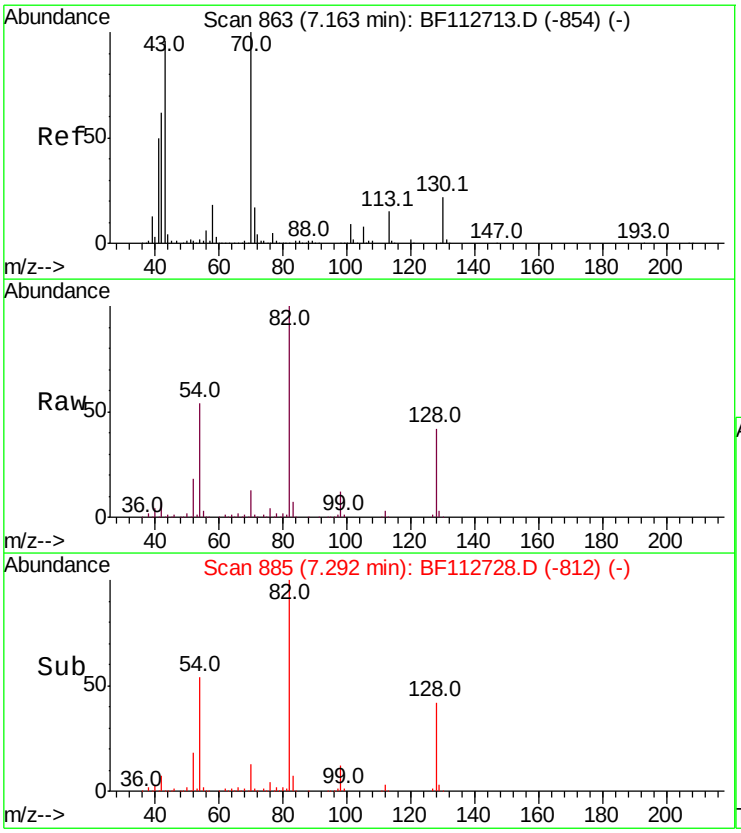
#18
Hexachloroethane
Concen: 0.056 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:117 Resp: 313

Ion	Ratio	Lower	Upper
117	100		
119	571.3	76.6	115.0#
201	0.0	68.9	103.3#

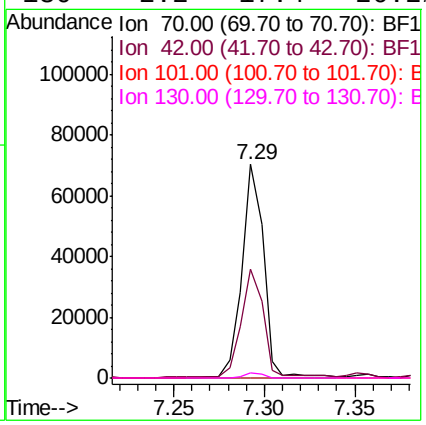


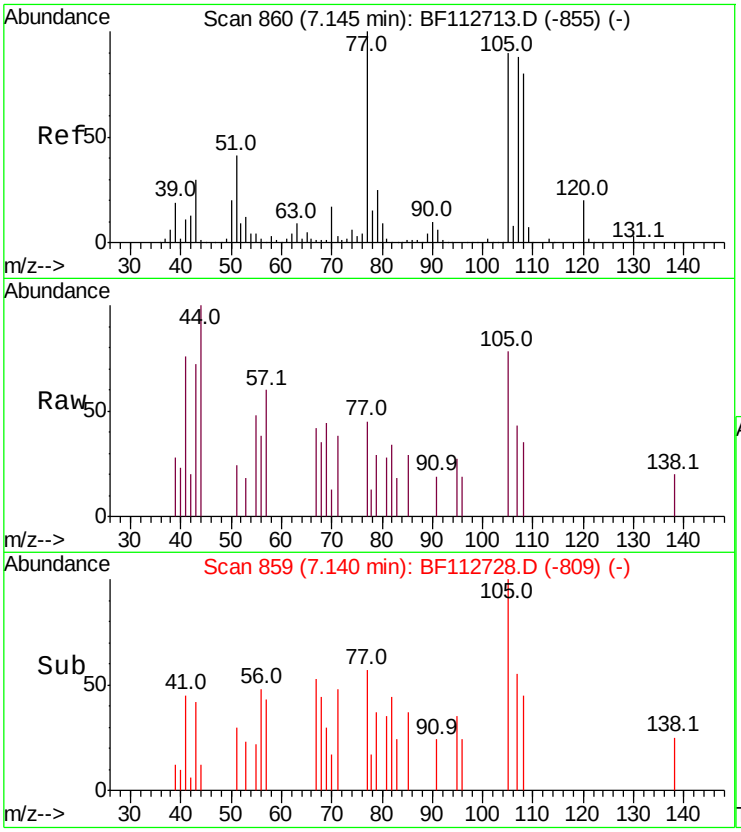


#19
n-Nitroso-di-n-propylamine
Concen: 5.819 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 70 Resp: 58752

Ion	Ratio	Lower	Upper
70	100		
42	51.0	49.9	74.9
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



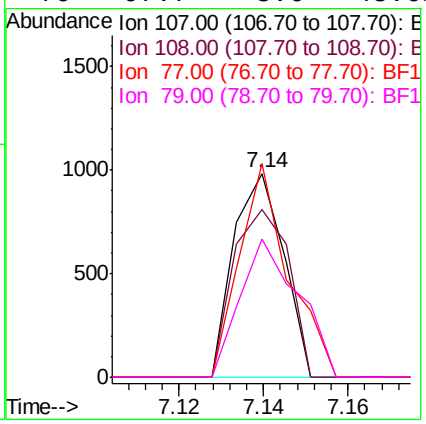


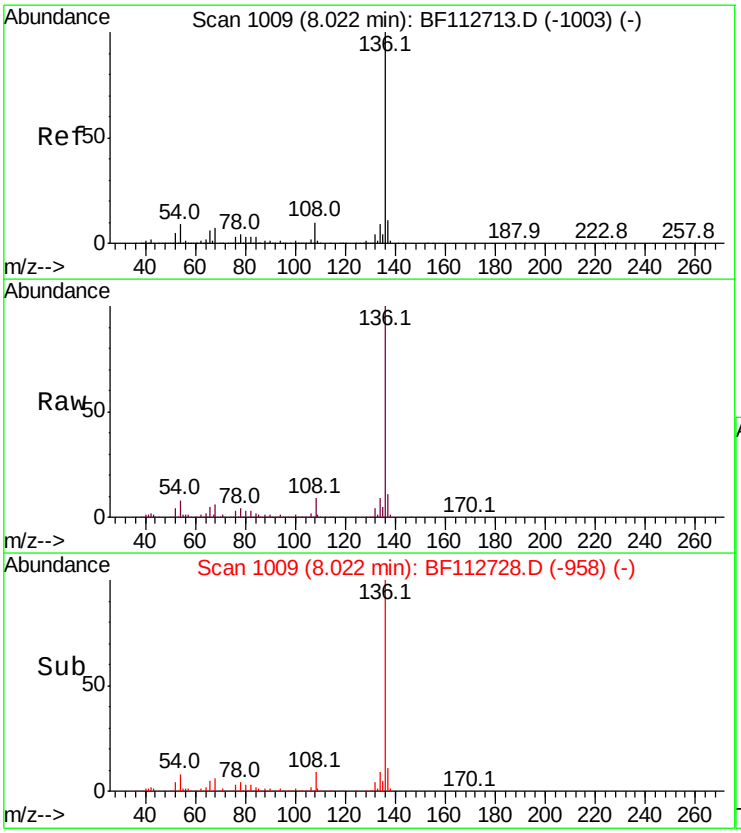
#20
3+4-Methylphenols
Concen: 0.062 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:107 Resp: 808

Ion	Ratio	Lower	Upper
107	100		
108	82.4	71.4	111.4
77	104.7	94.1	134.1
79	67.7	8.6	48.6#

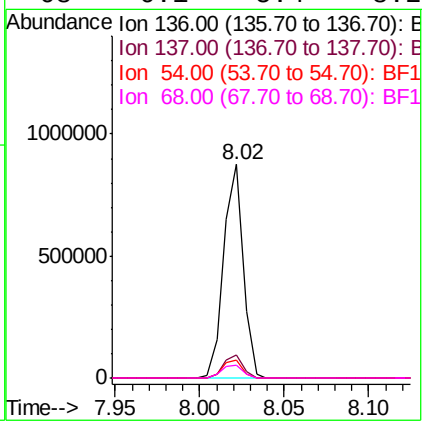


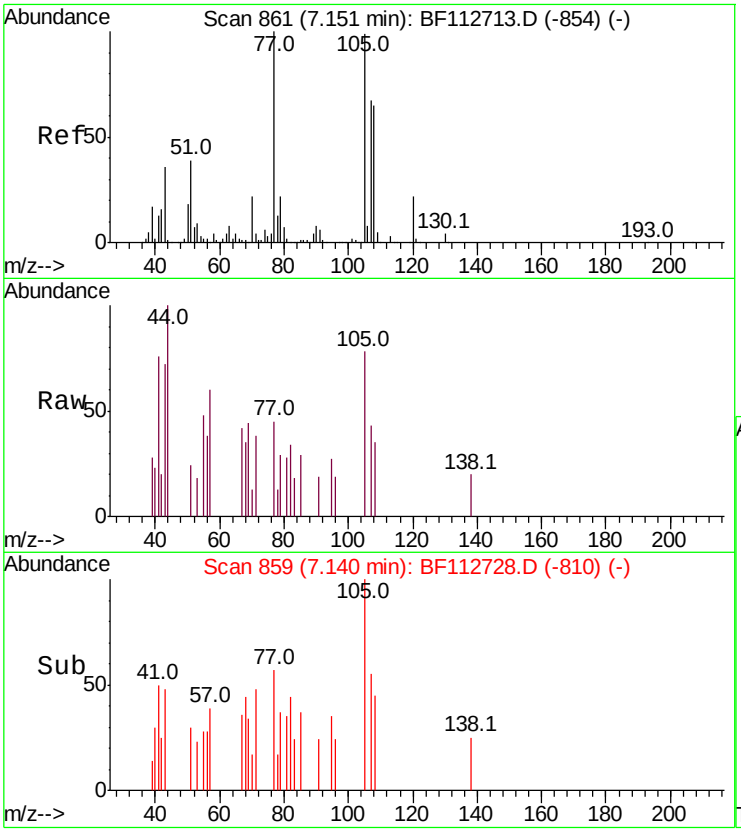


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:136 Resp: 701350

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	7.3	10.9
68	6.1	5.4	8.2



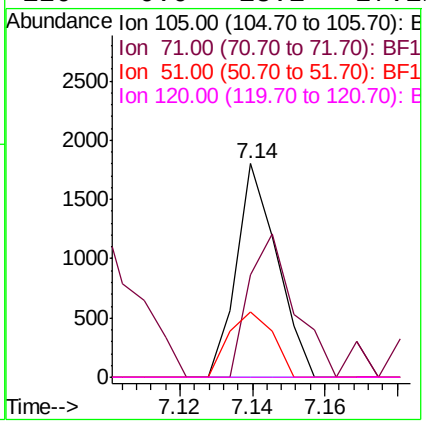


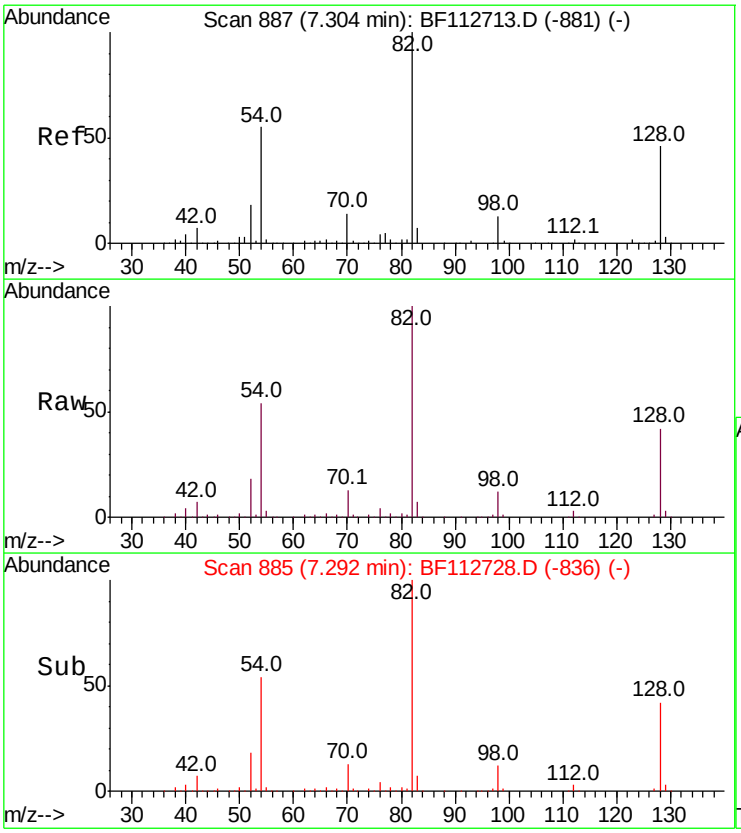
#22
Acetophenone
Concen: 0.086 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:105 Resp: 1411

Ion	Ratio	Lower	Upper
105	100		
71	48.1	3.0	4.4#
51	30.4	31.5	47.3#
120	0.0	18.1	27.1#

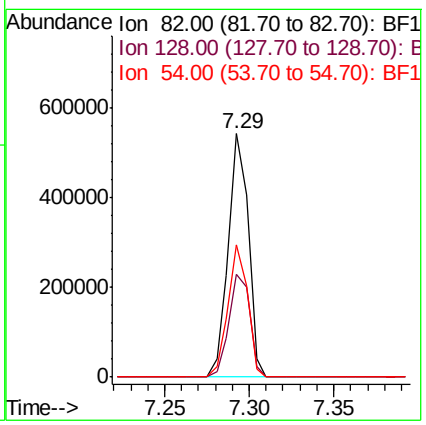


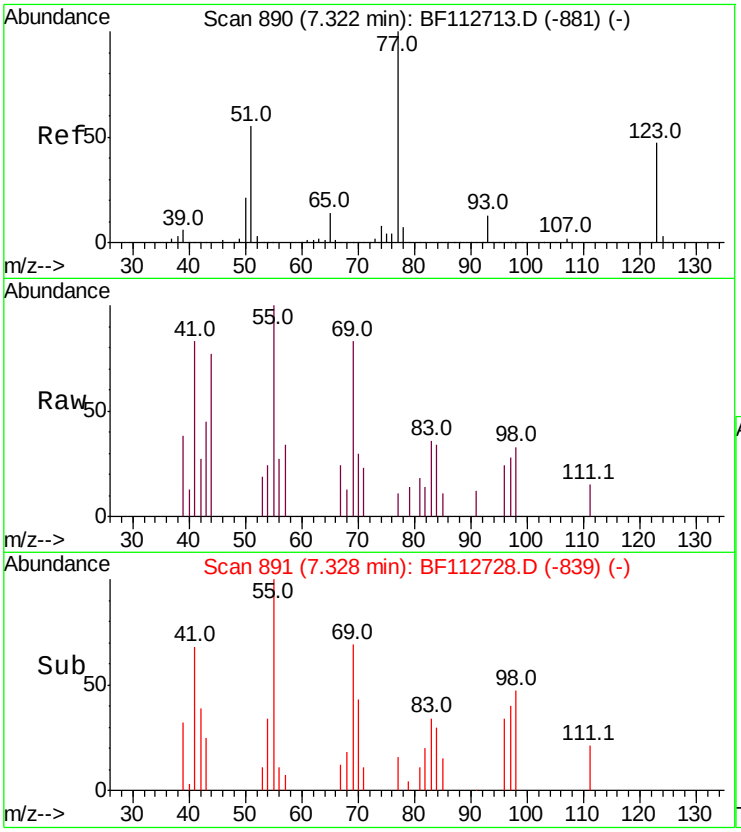


#23
Nitrobenzene-d5
Concen: 38.059 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 82 Resp: 446087

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.3	54.5
54	54.2	43.7	65.5



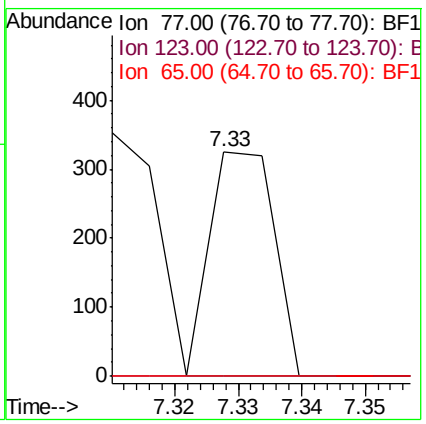


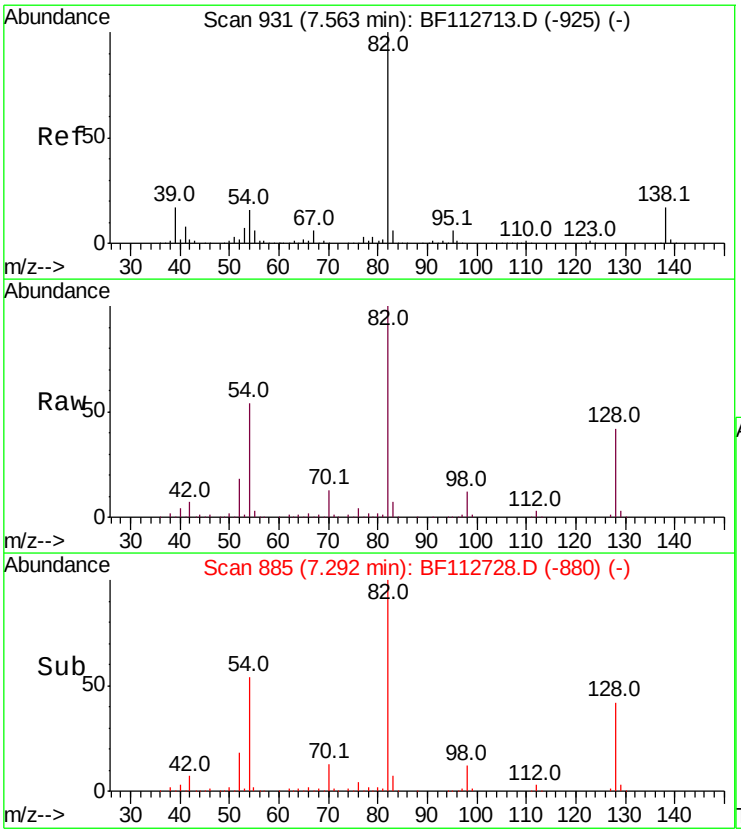
#24
Nitrobenzene
Concen: 0.017 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion: 77 Resp: 228

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

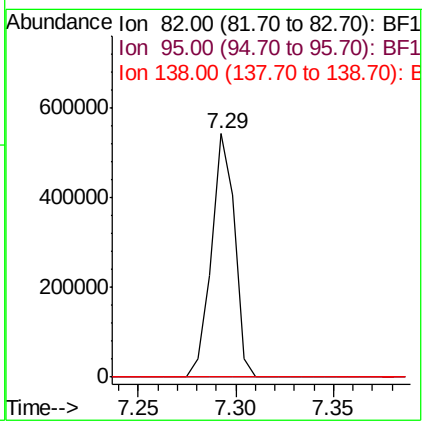


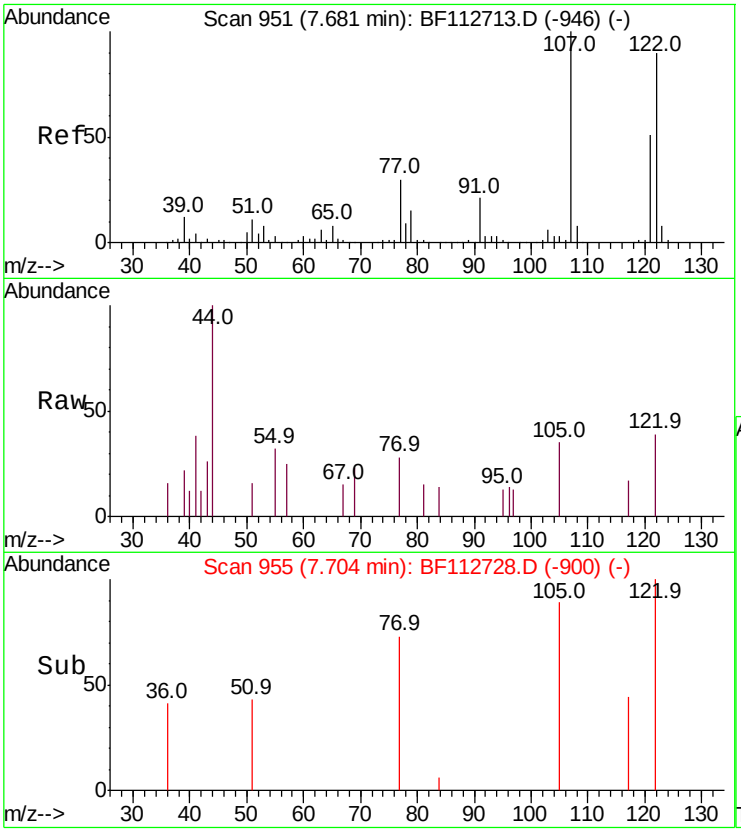


#25
Isophorone
Concen: 17.638 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 82 Resp: 445367

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



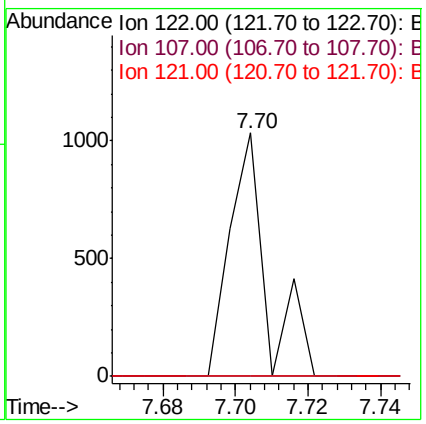


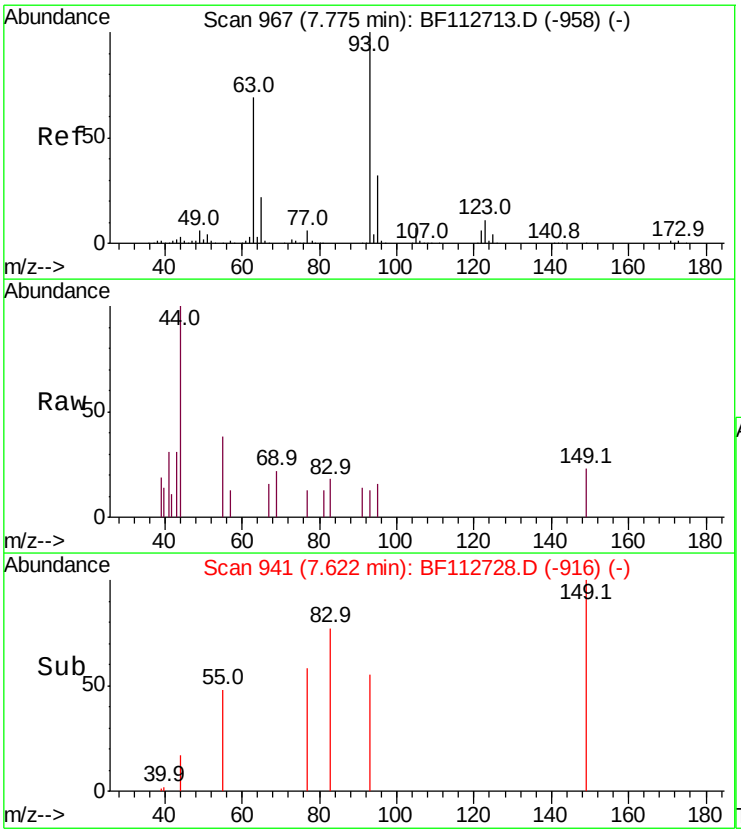
#27
2,4-Dimethylphenol
Concen: 0.073 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:122 Resp: 733

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.4	134.0#
121	0.0	45.5	68.3#

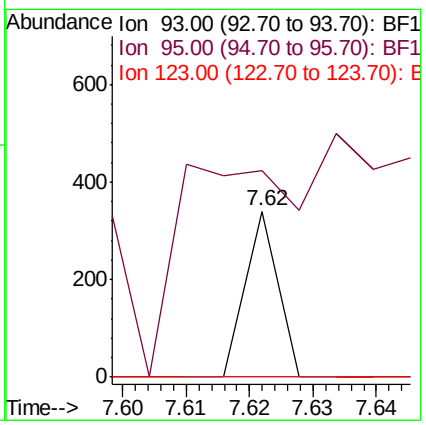


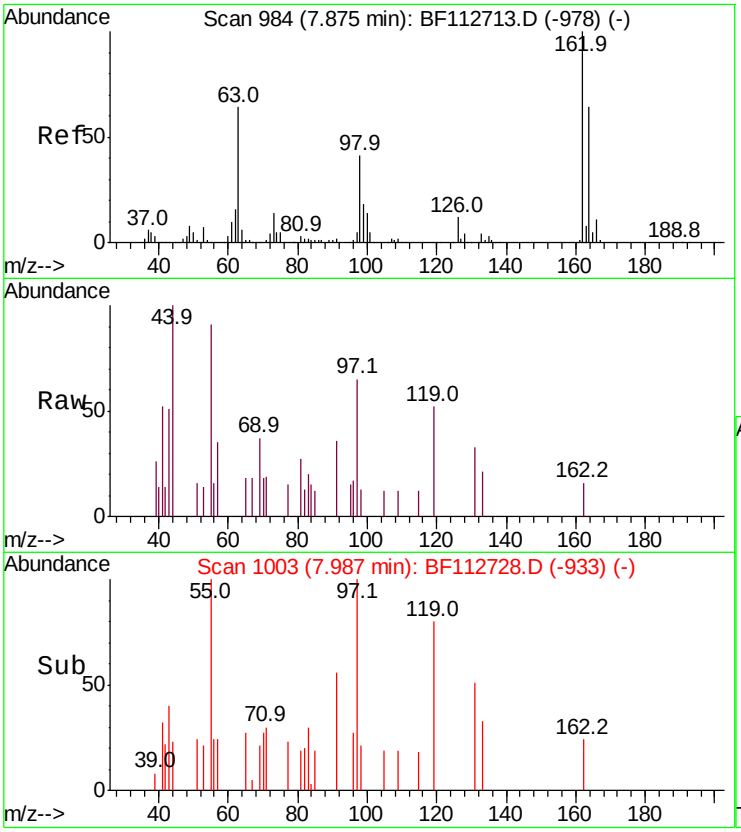


#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.15 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 93 Resp: 120

Ion	Ratio	Lower	Upper
93	100		
95	124.7	26.0	39.0#
123	0.0	9.3	13.9#



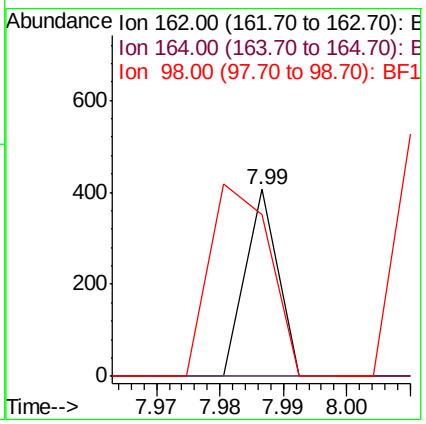


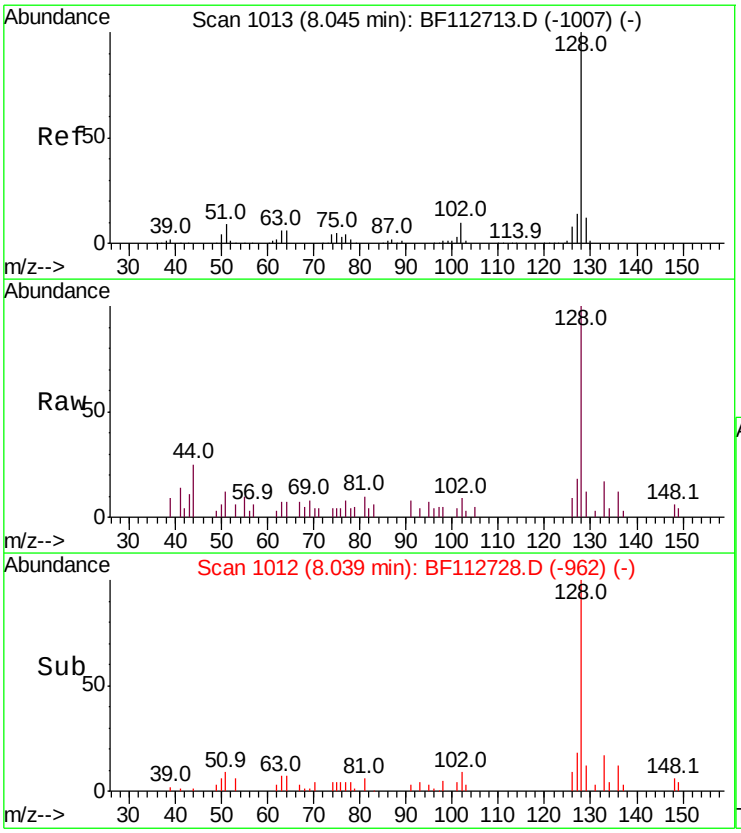
#29
2,4-Dichlorophenol
Concen: 0.015 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.11 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:162 Resp: 143

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.0	84.0#
98	86.7	20.7	60.7#

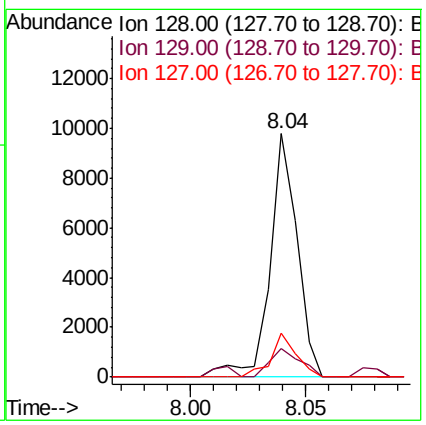


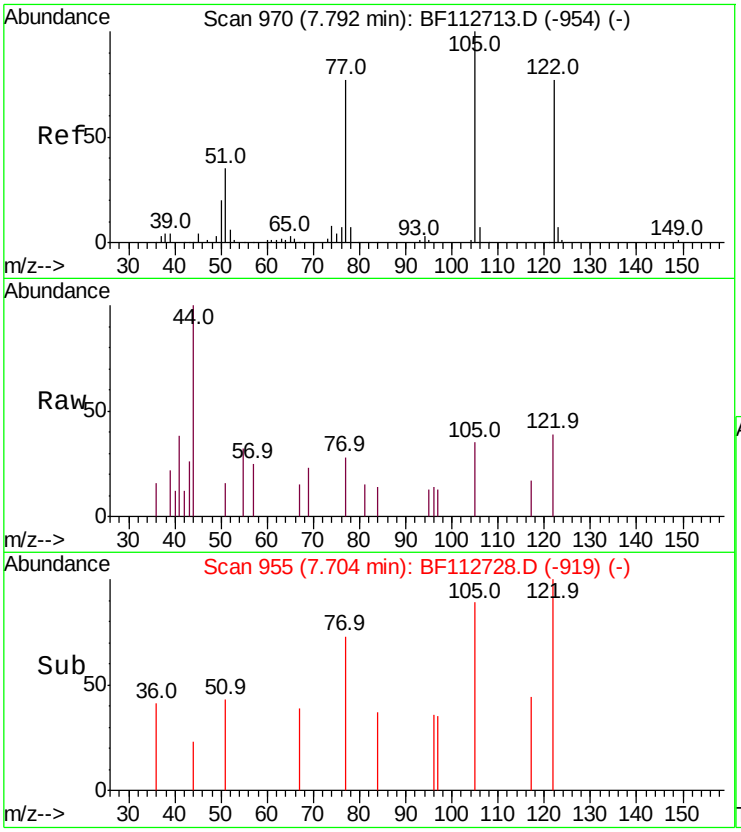


#31
Naphthalene
Concen: 0.230 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:128 Resp: 8026

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	18.2	10.9	16.3#



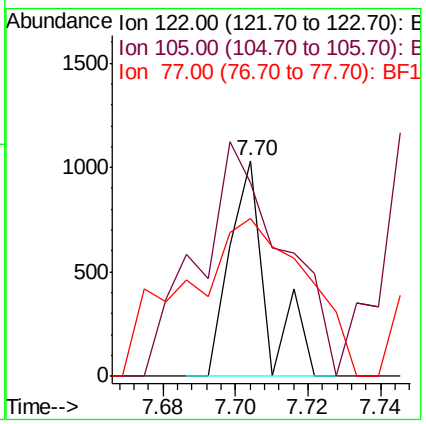


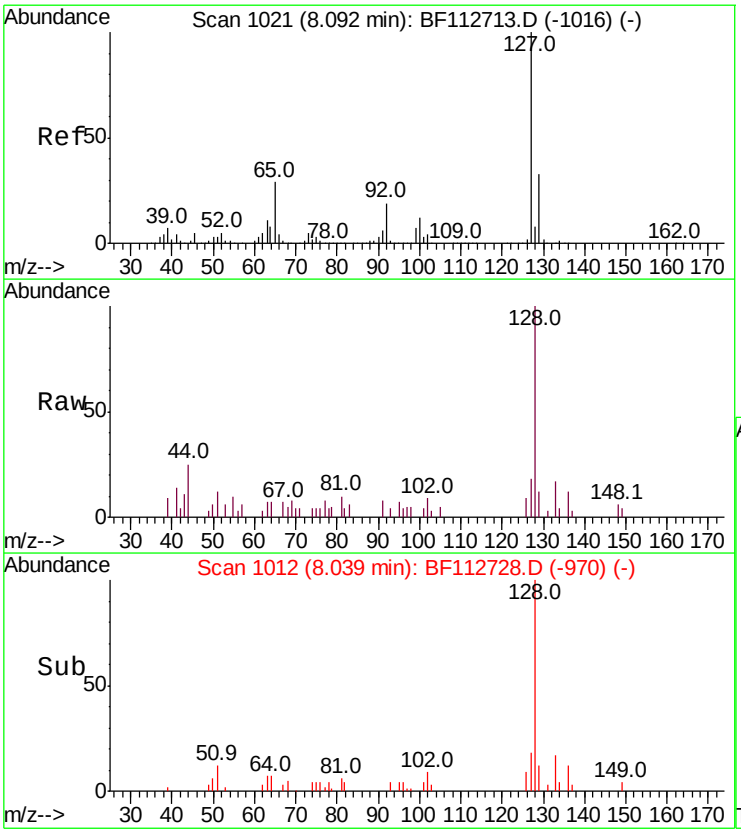
#32
Benzoic acid
Concen: 0.104 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:122 Resp: 733

Ion	Ratio	Lower	Upper
122	100		
105	89.5	106.8	146.8#
77	73.0	79.4	119.4#

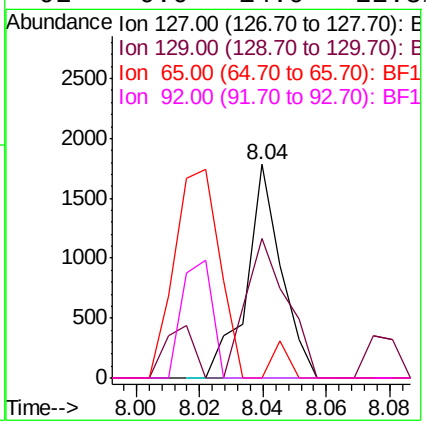


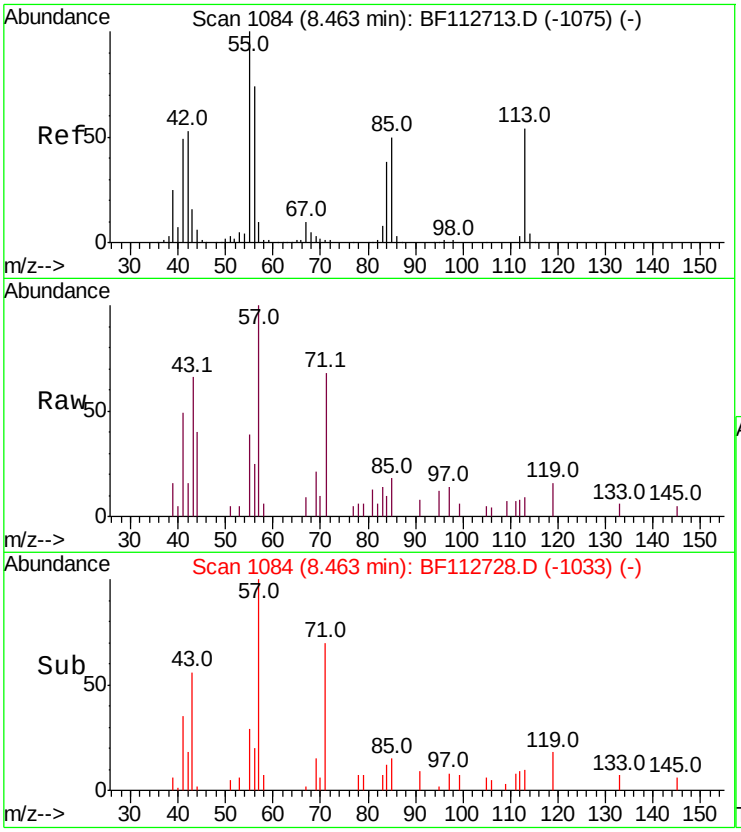


#33
4-Chloroaniline
Concen: 0.092 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:127 Resp: 1357

Ion	Ratio	Lower	Upper
127	100		
129	65.2	26.4	39.6#
65	0.0	23.1	34.7#
92	0.0	14.9	22.3#



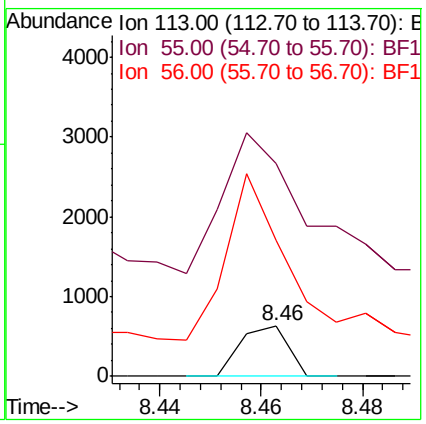


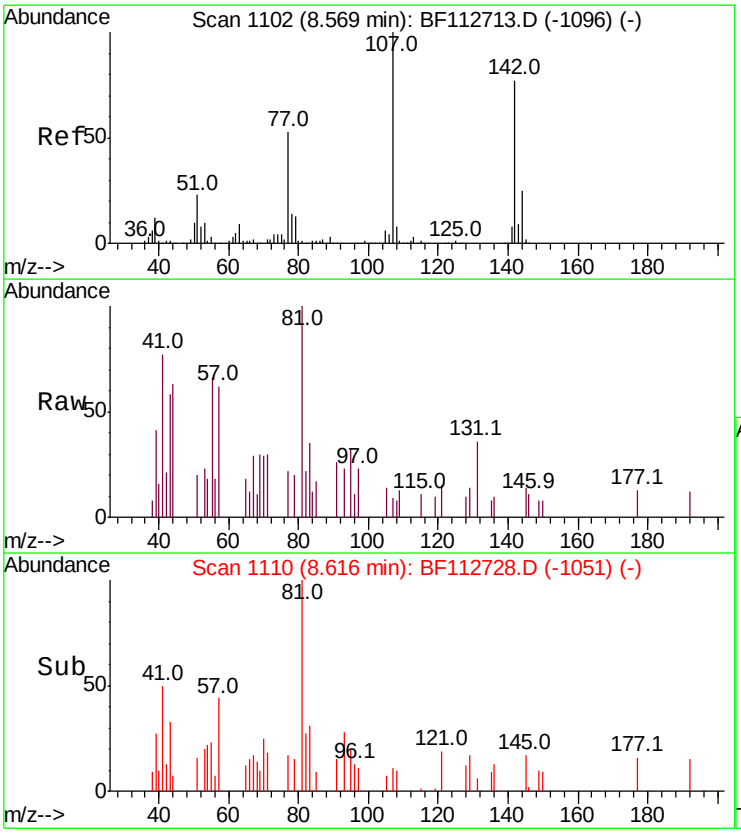
#35
Caprolactam
Concen: 0.119 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:113 Resp: 411

Ion	Ratio	Lower	Upper
113	100		
55	421.7	163.5	203.5#
56	269.1	115.3	155.3#

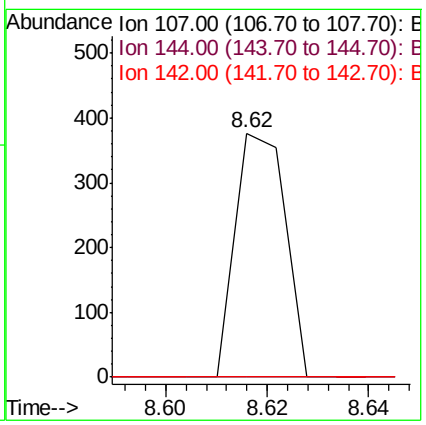


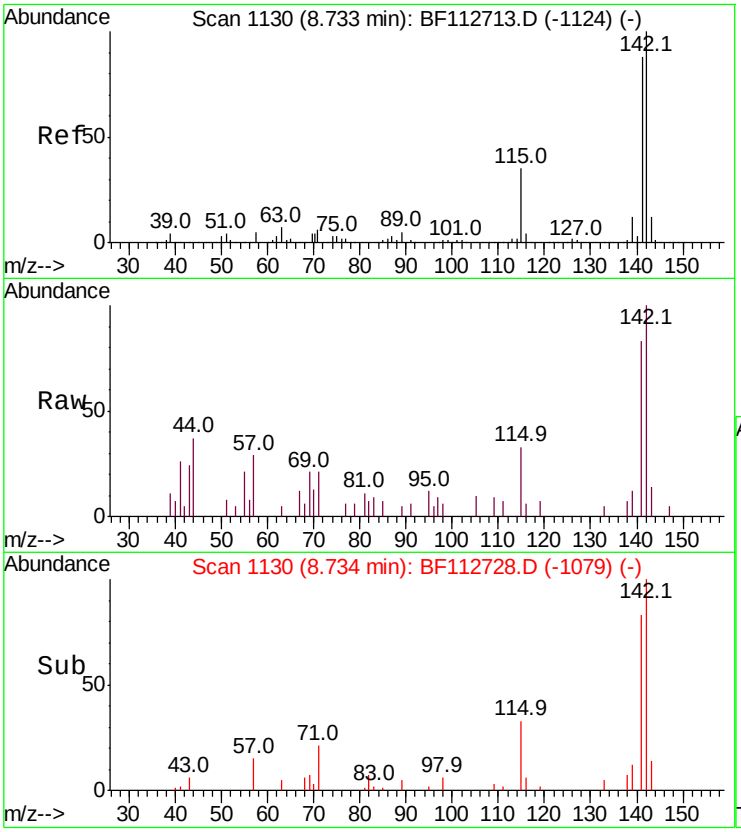


#36
4-Chloro-3-methylphenol
Concen: 0.024 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.05 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:107 Resp: 258

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



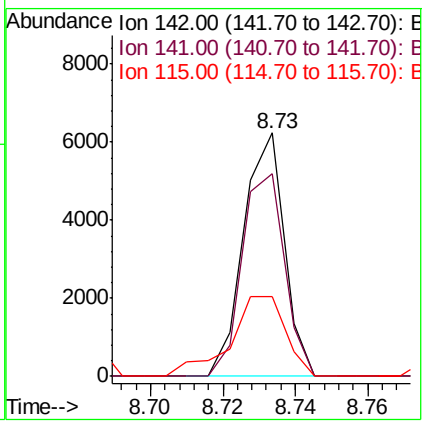


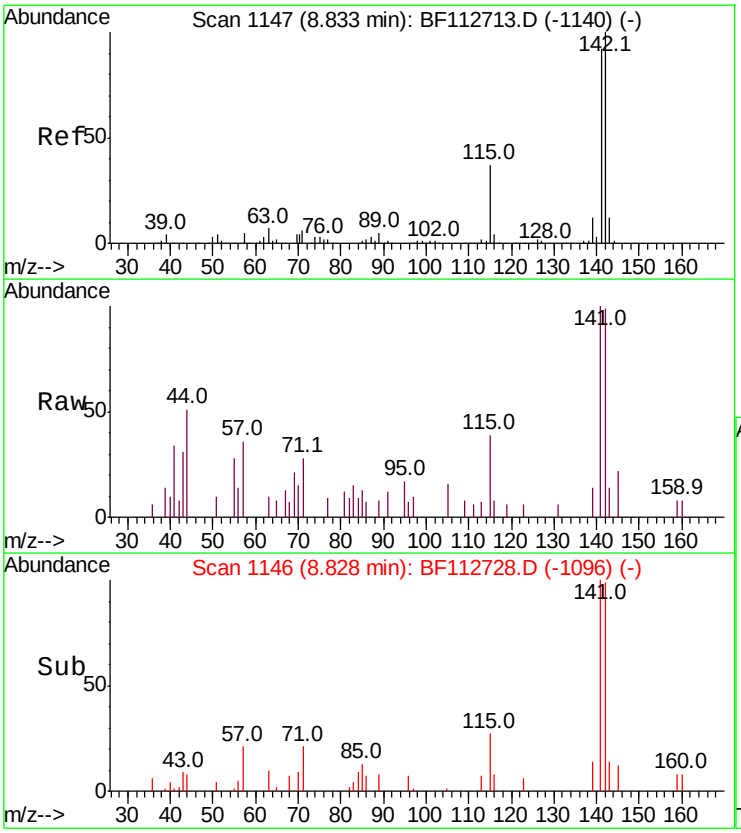
#37
2-Methylnaphthalene
Concen: 0.216 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:142 Resp: 4852

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.3	105.5
115	32.6	27.8	41.6

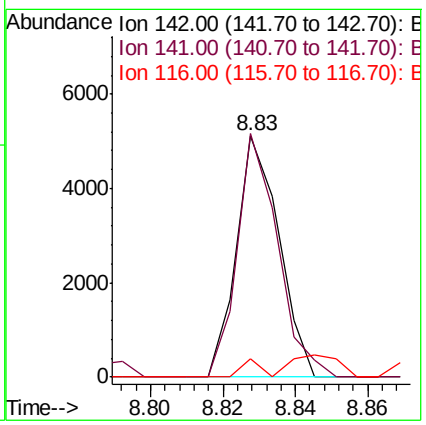


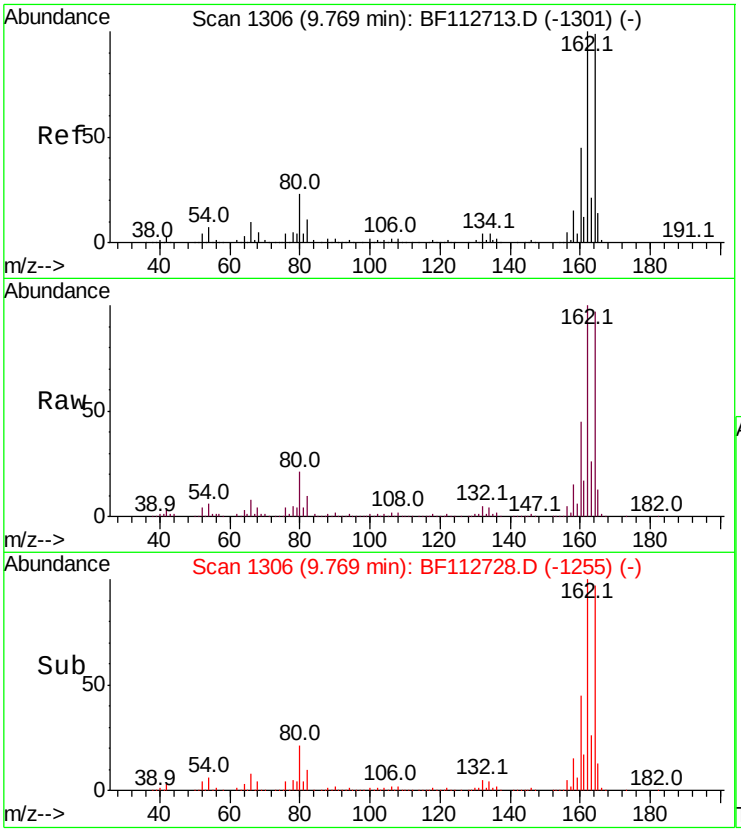


#38
1-Methylnaphthalene
Concen: 0.191 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:142 Resp: 4169

Ion	Ratio	Lower	Upper
142	100		
141	100.9	73.7	110.5
116	7.8	3.1	4.7#



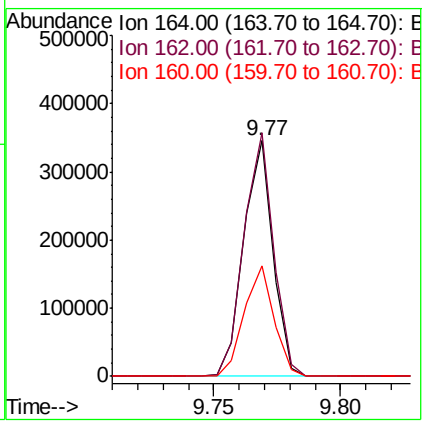


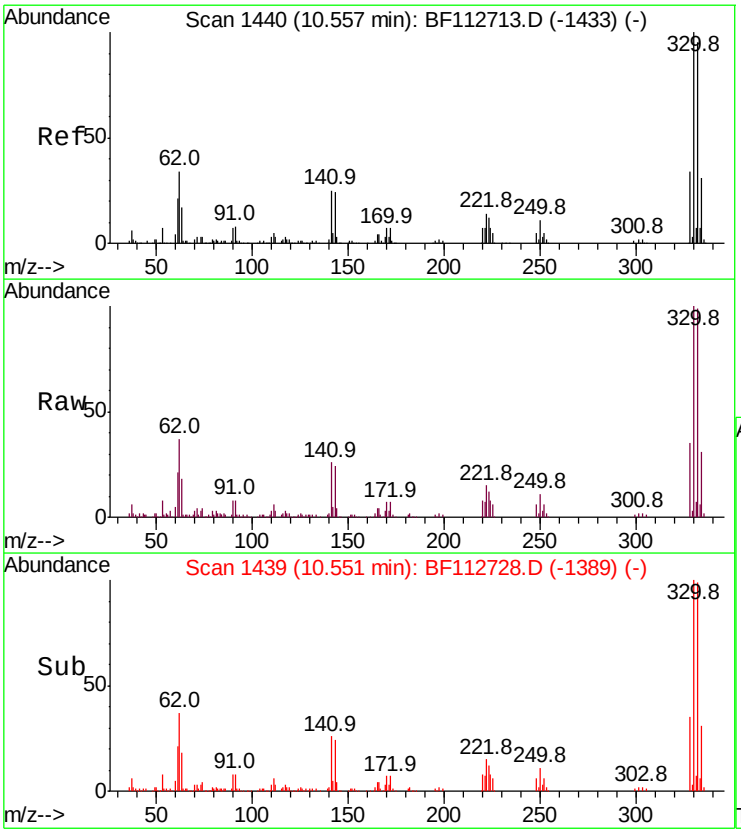
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:164 Resp: 277594

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	47.0	36.0	54.0

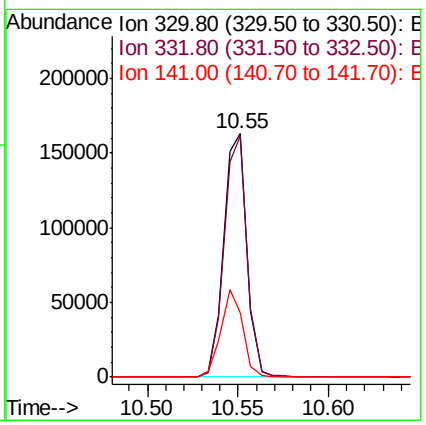


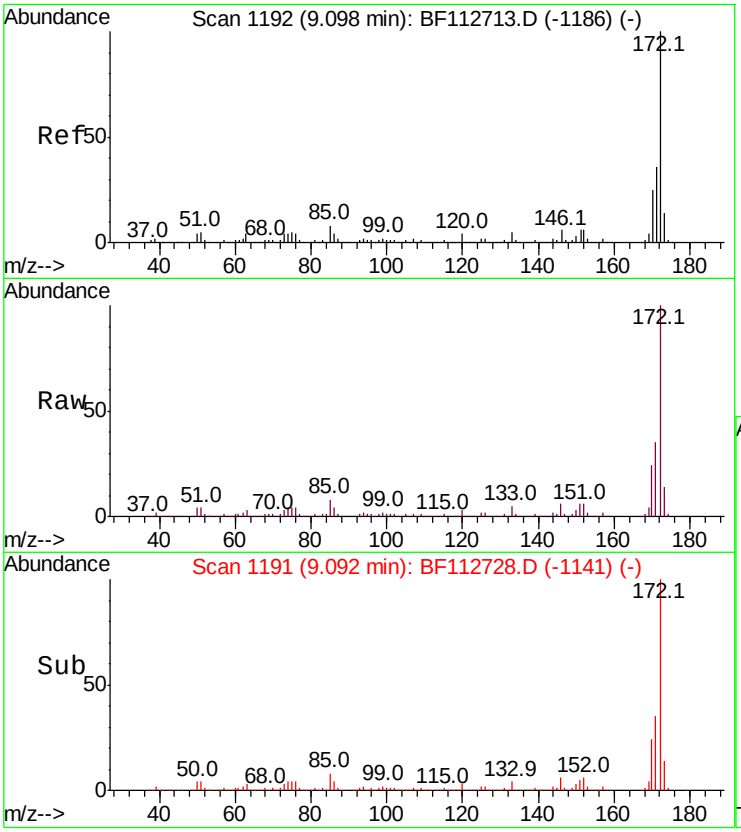


#42
2,4,6-Tribromophenol
Concen: 49.220 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:330 Resp: 145052

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.2	114.4
141	34.0	27.0	40.6



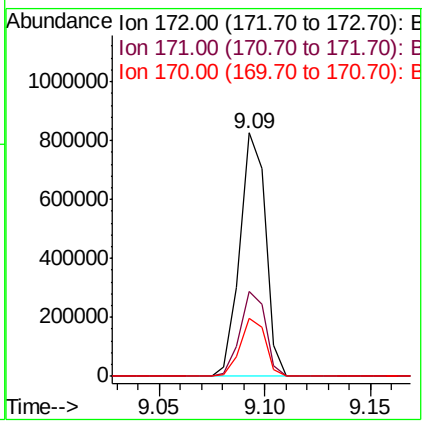


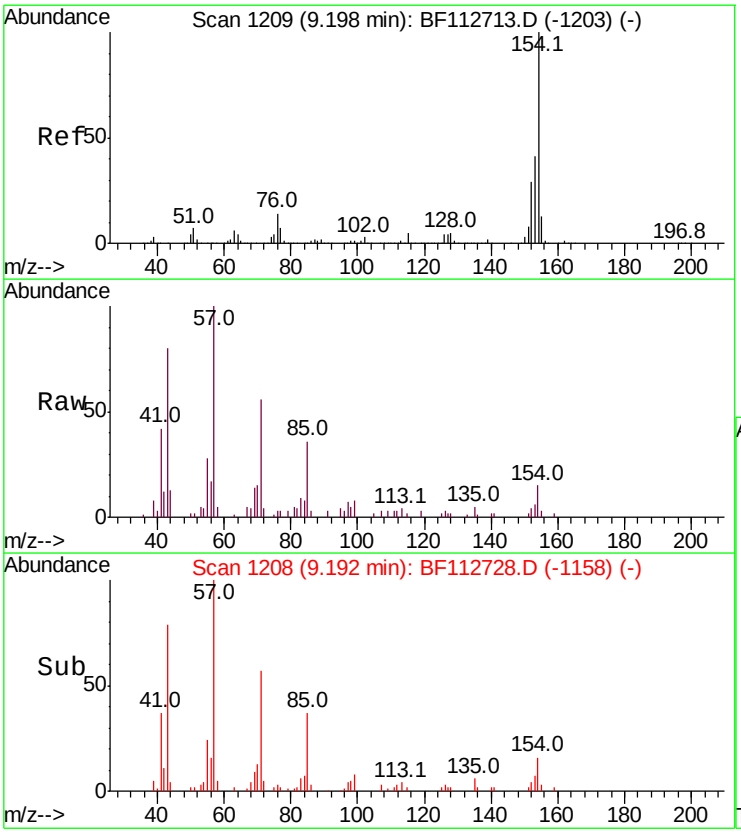
#45
2-Fluorobiphenyl
Concen: 35.511 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:172 Resp: 698582

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.8	20.0	30.0

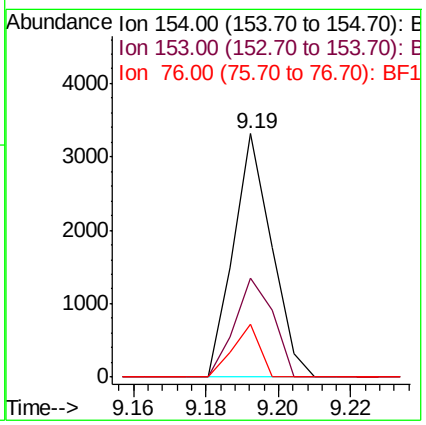


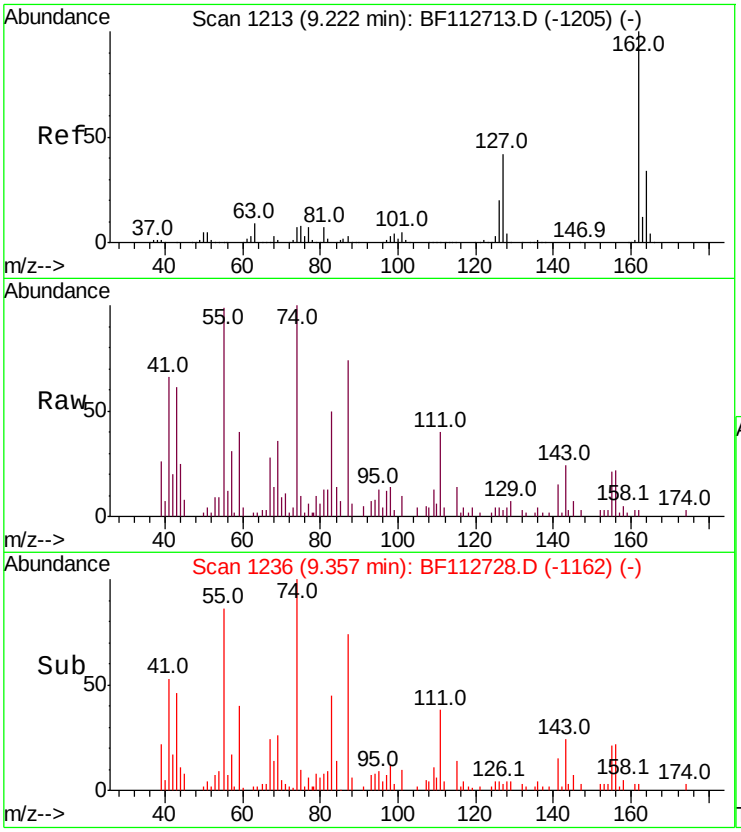


#46
1,1'-Biphenyl
Concen: 0.108 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:154 Resp: 2435

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	21.9	0.0	33.8



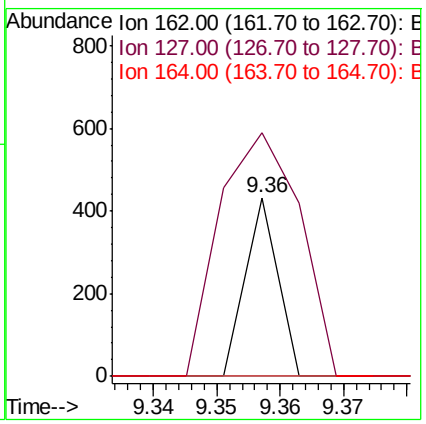


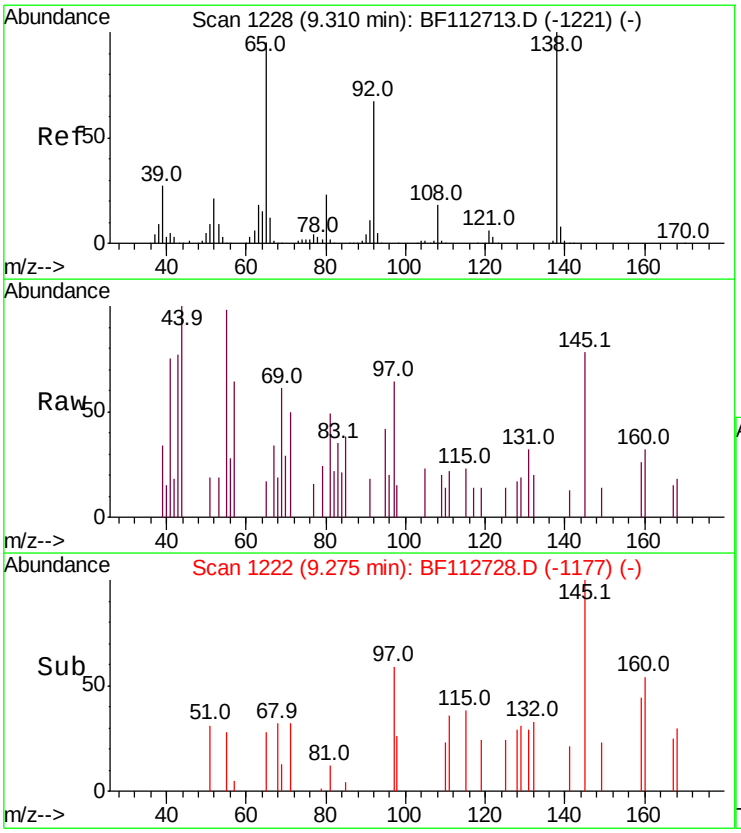
#47
2-Chloronaphthalene
Concen: 0.009 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.14 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:162 Resp: 152

Ion	Ratio	Lower	Upper
162	100		
127	136.3	33.4	50.2#
164	0.0	26.9	40.3#

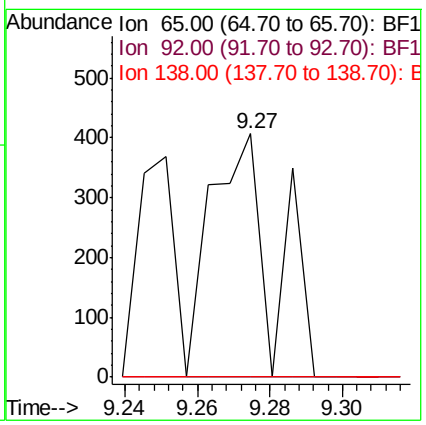


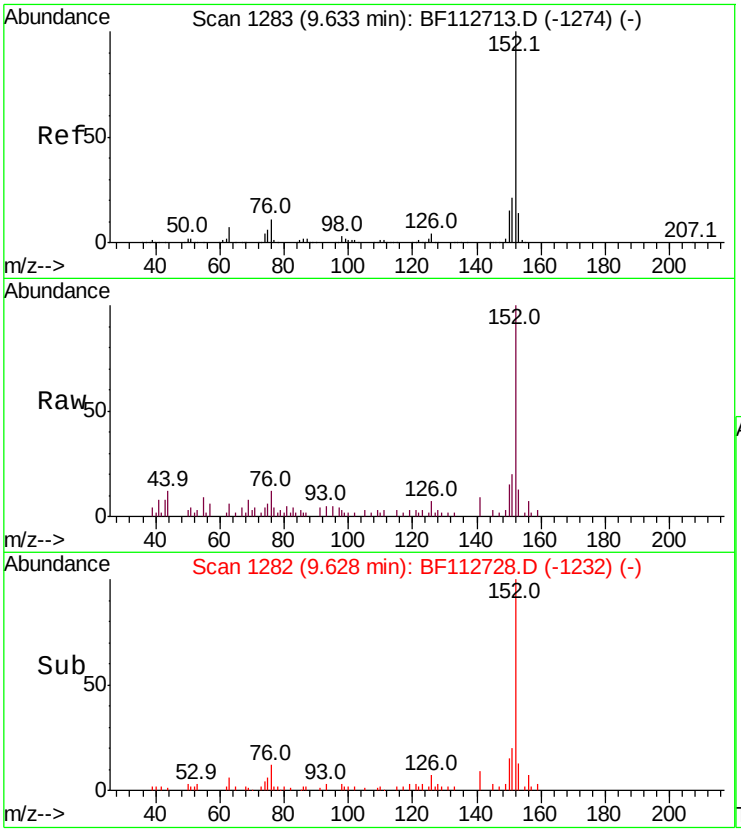


#48
2-Nitroaniline
Concen: 0.092 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.04 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion: 65 Resp: 494

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.4	84.6#
138	0.0	84.6	126.8#



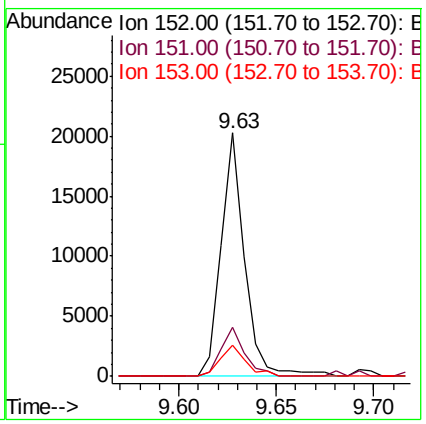


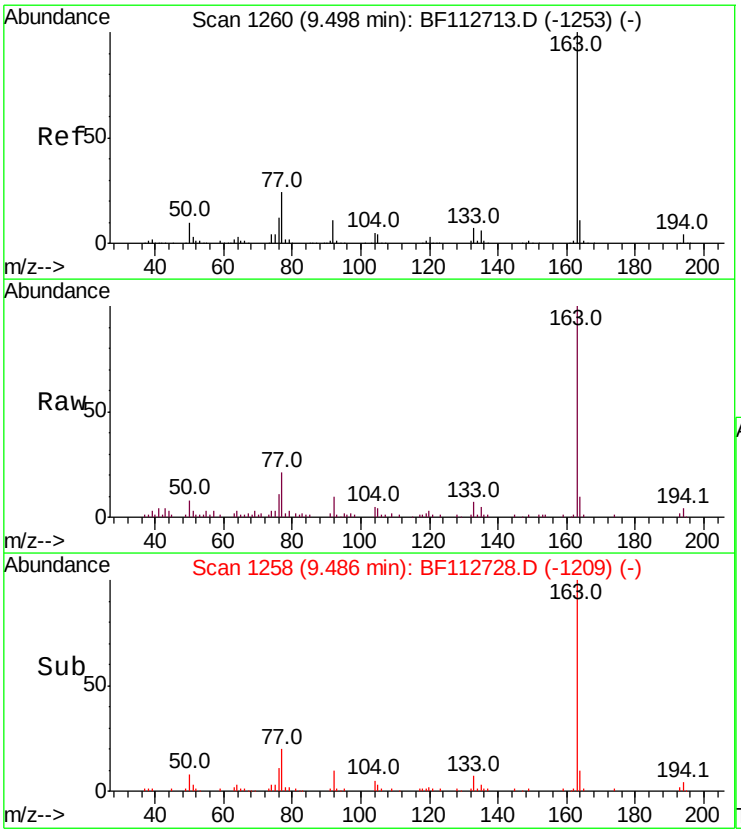
#49
Acenaphthylene
Concen: 0.567 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:152 Resp: 17017

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	12.7	11.0	16.6

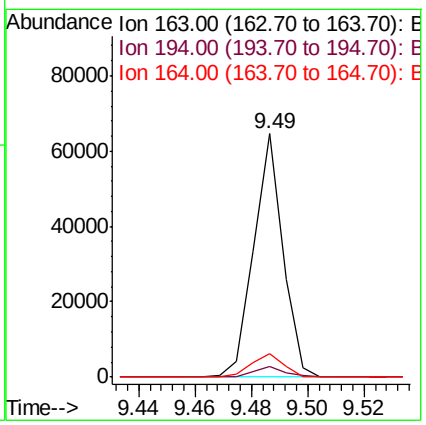


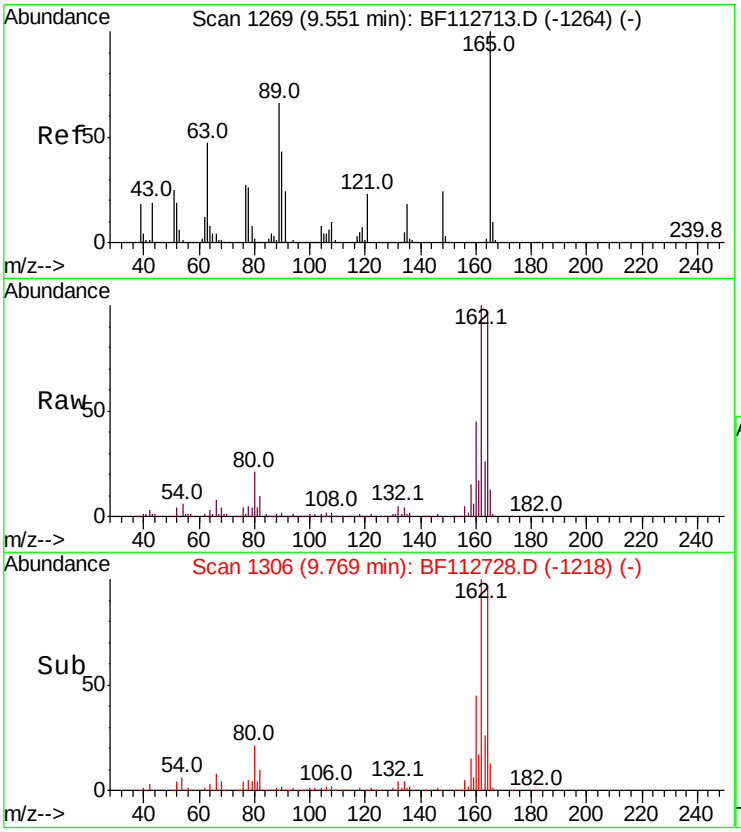


#50
Dimethylphthalate
Concen: 2.261 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:163 Resp: 46288

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.7	8.4	12.6



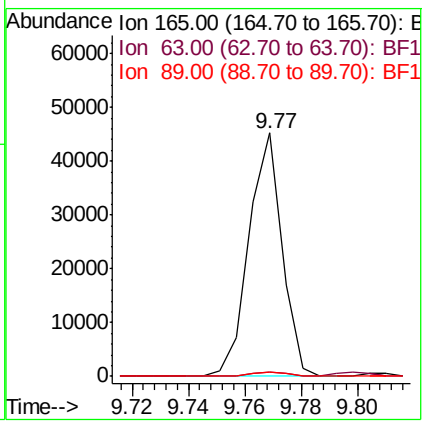


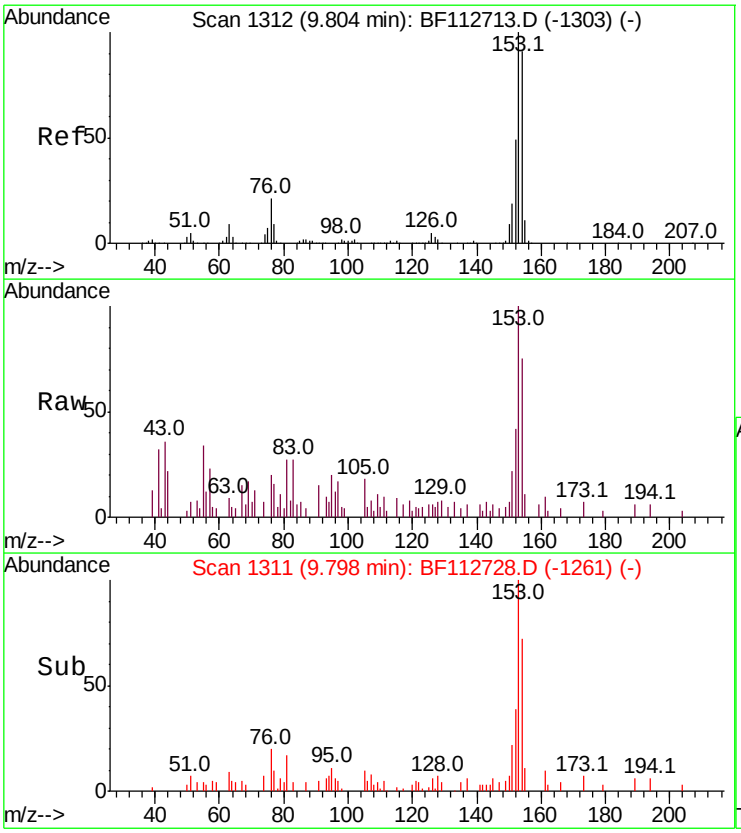
#51
2,6-Dinitrotoluene
Concen: 8.648 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:165 Resp: 36860

Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.5	52.8	79.2#

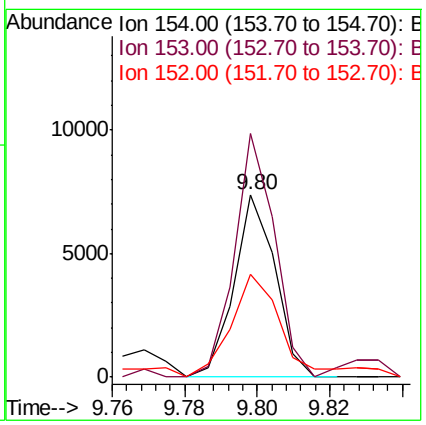


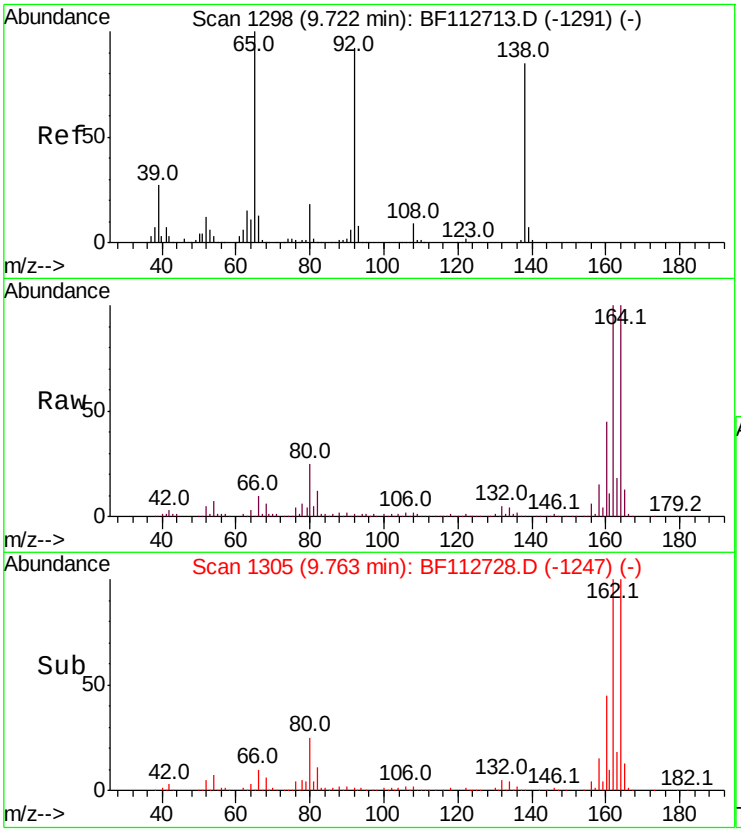


#52
Acenaphthene
Concen: 0.335 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:154 Resp: 5885

Ion	Ratio	Lower	Upper
154	100		
153	133.6	87.8	131.8#
152	56.7	43.0	64.6



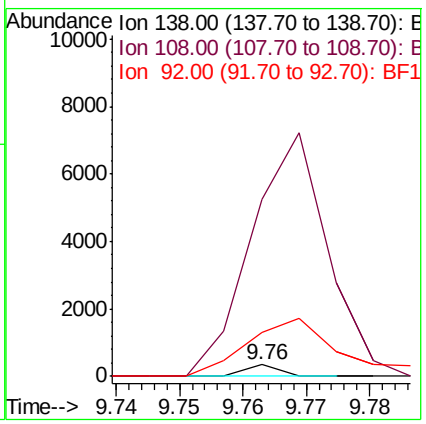


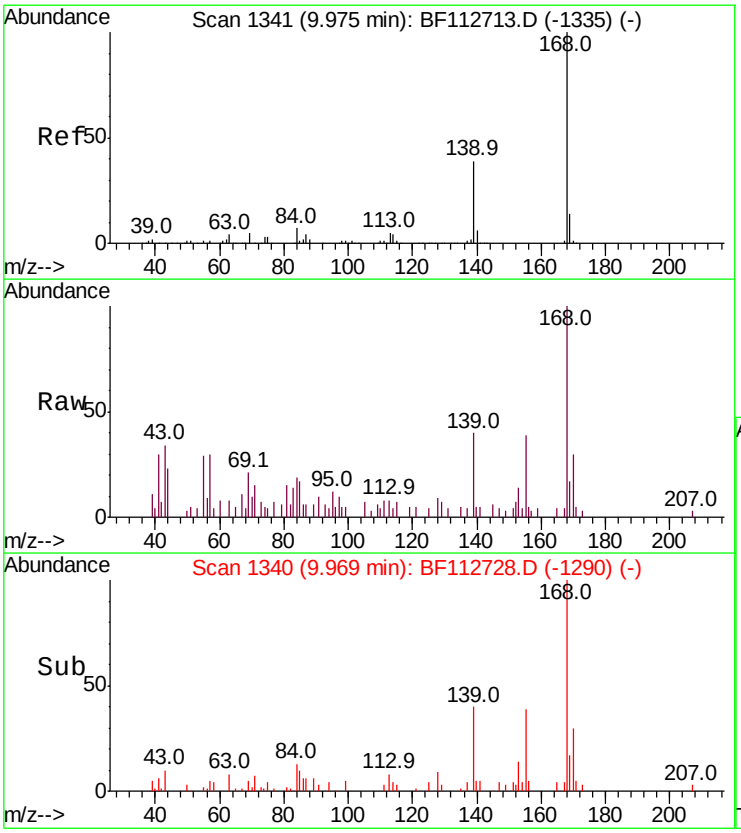
#53
3-Nitroaniline
Concen: 0.023 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.04 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:138 Resp: 120

Ion	Ratio	Lower	Upper
138	100		
108	1547.6	8.6	13.0#
92	384.7	86.6	129.8#

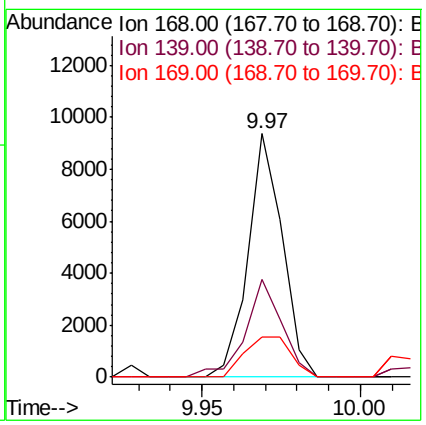


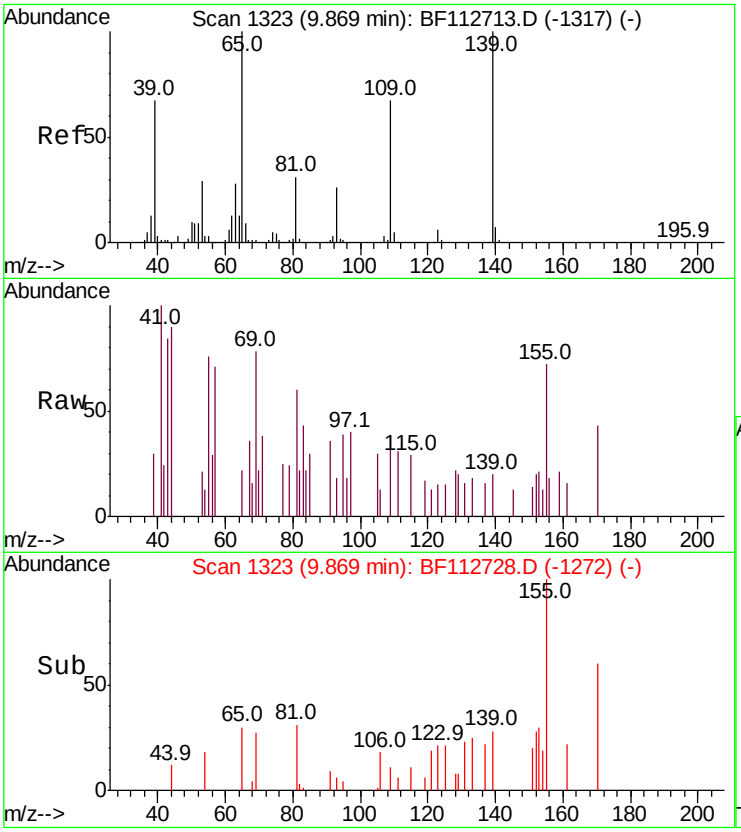


#55
Dibenzofuran
Concen: 0.276 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:168 Resp: 7049

Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.3	46.9
169	16.7	11.3	16.9



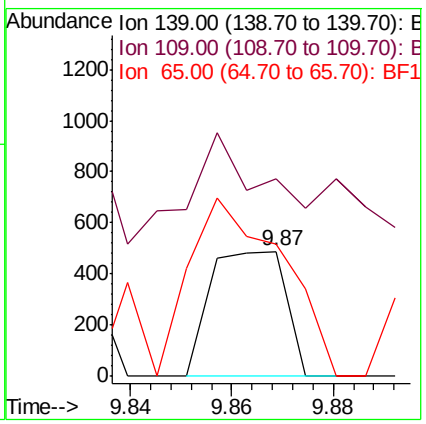


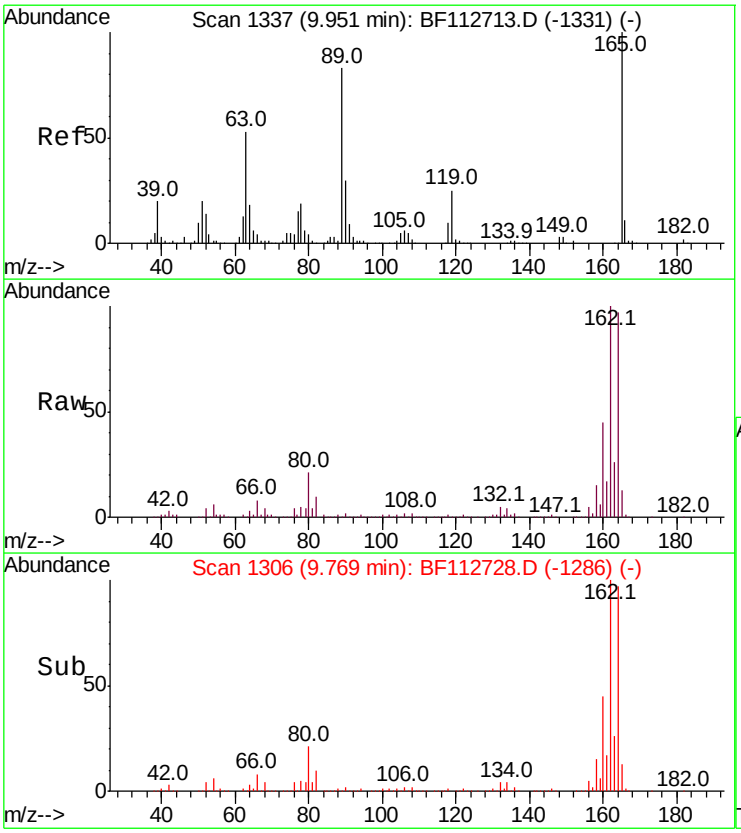
#56
4-Nitrophenol
Concen: 0.120 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:139 Resp: 506

Ion	Ratio	Lower	Upper
139	100		
109	158.7	46.8	86.8#
65	106.6	80.7	120.7

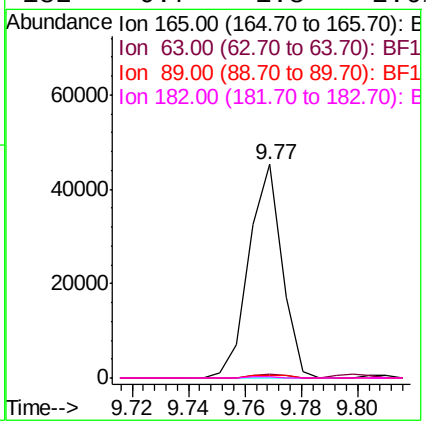


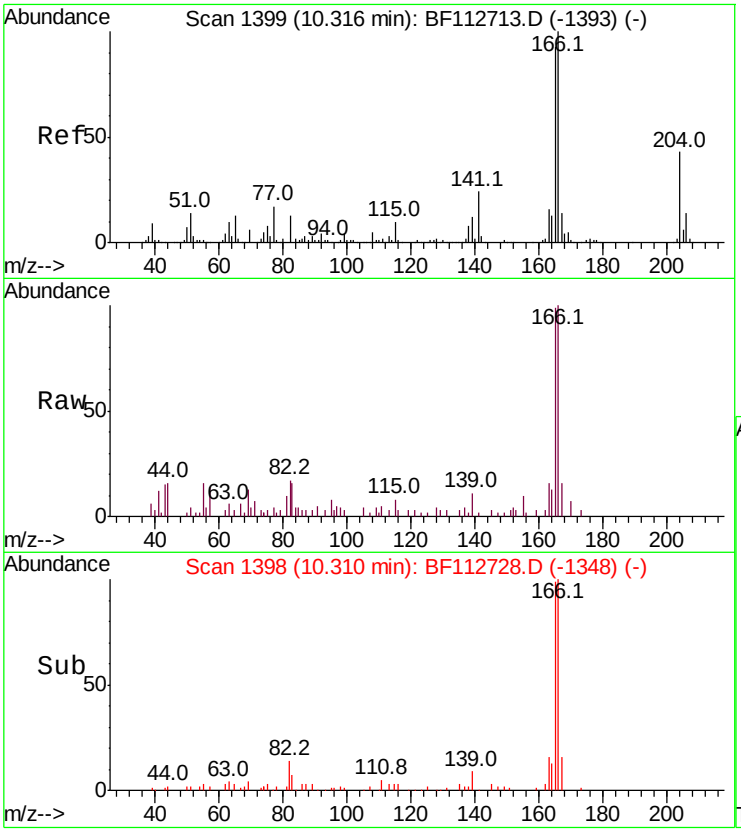


#57
2,4-Dinitrotoluene
Concen: 6.957 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:165 Resp: 36860

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.5	66.2	99.4#
182	0.7	1.8	2.6#



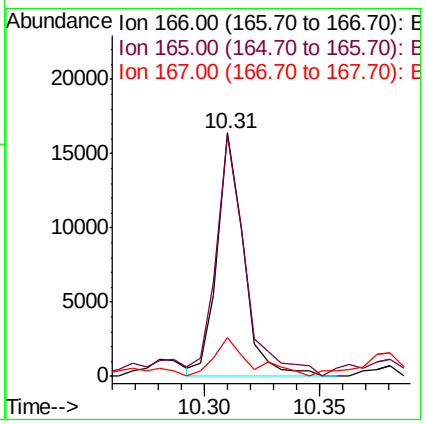


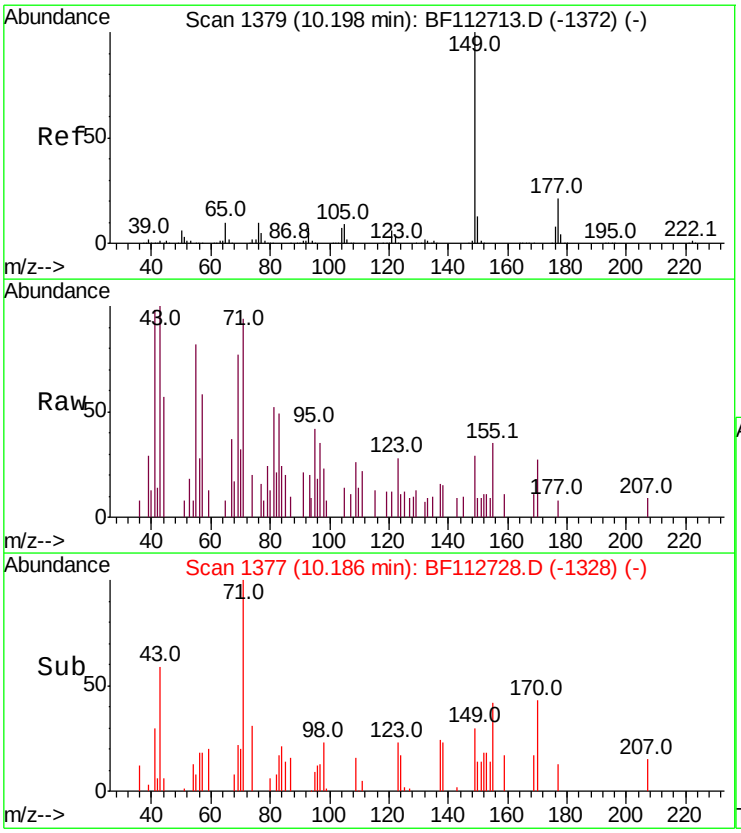
#58
Fluorene
Concen: 0.722 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:166 Resp: 13079

Ion	Ratio	Lower	Upper
166	100		
165	98.9	74.7	112.1
167	16.0	11.0	16.6

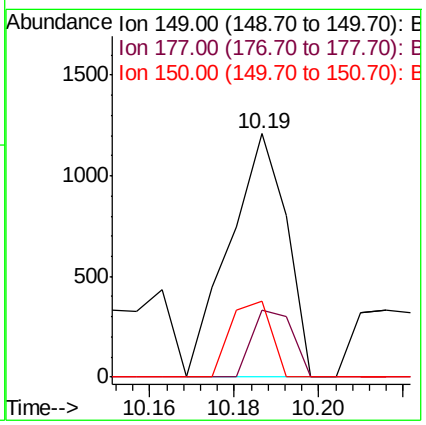


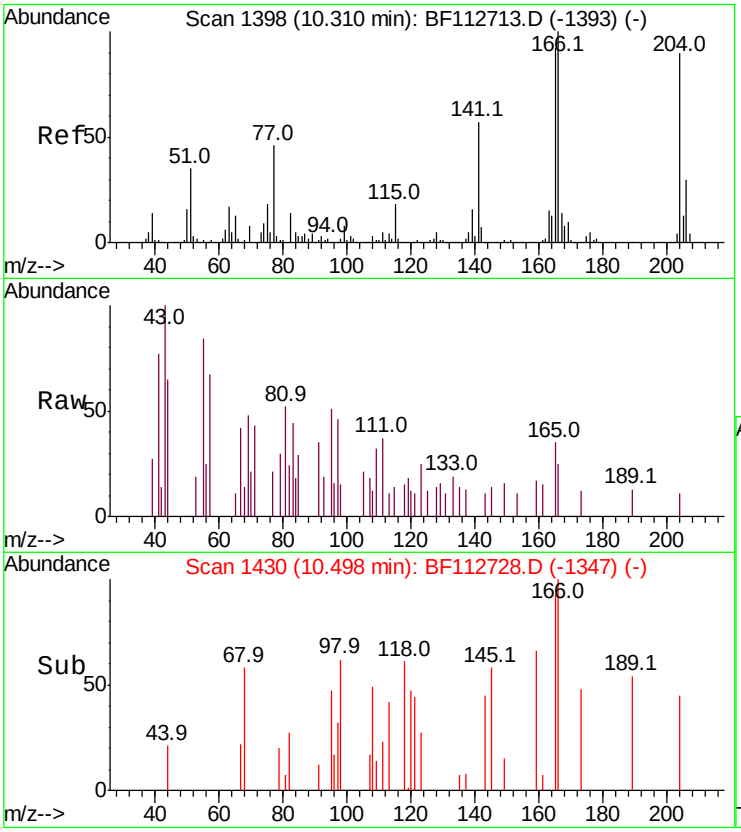


#60
Diethylphthalate
Concen: 0.052 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:149 Resp: 1131

Ion	Ratio	Lower	Upper
149	100		
177	27.4	17.0	25.6#
150	31.0	10.0	15.0#



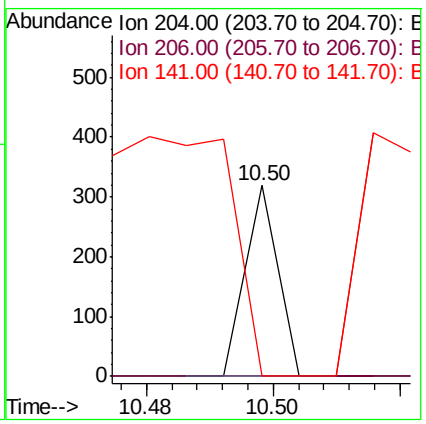


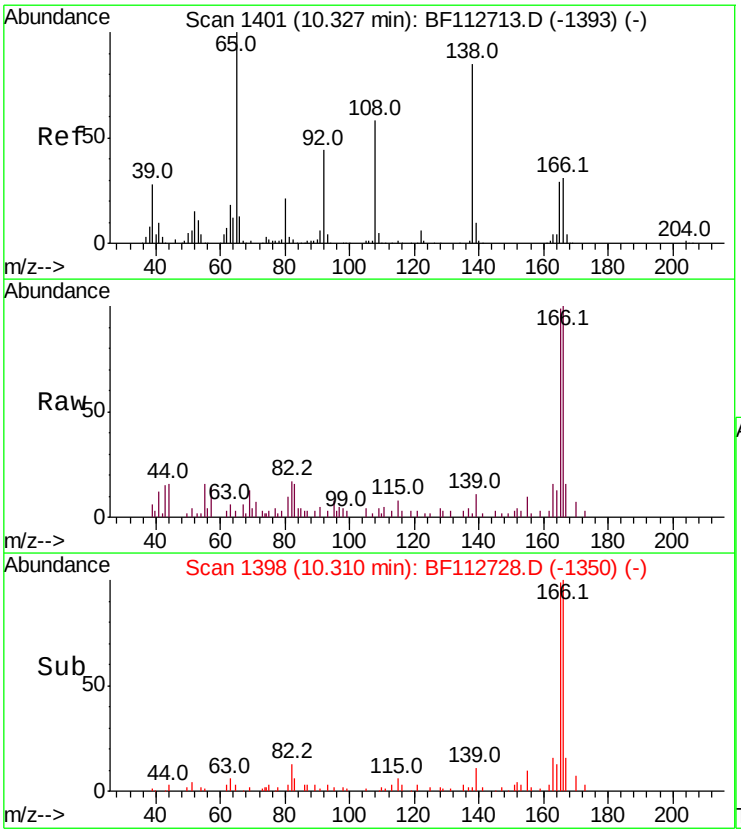
#61
4-Chlorophenyl-phenylether
Concen: 0.013 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.19 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:204 Resp: 113

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

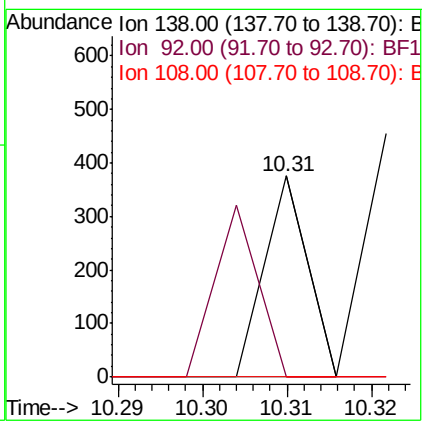


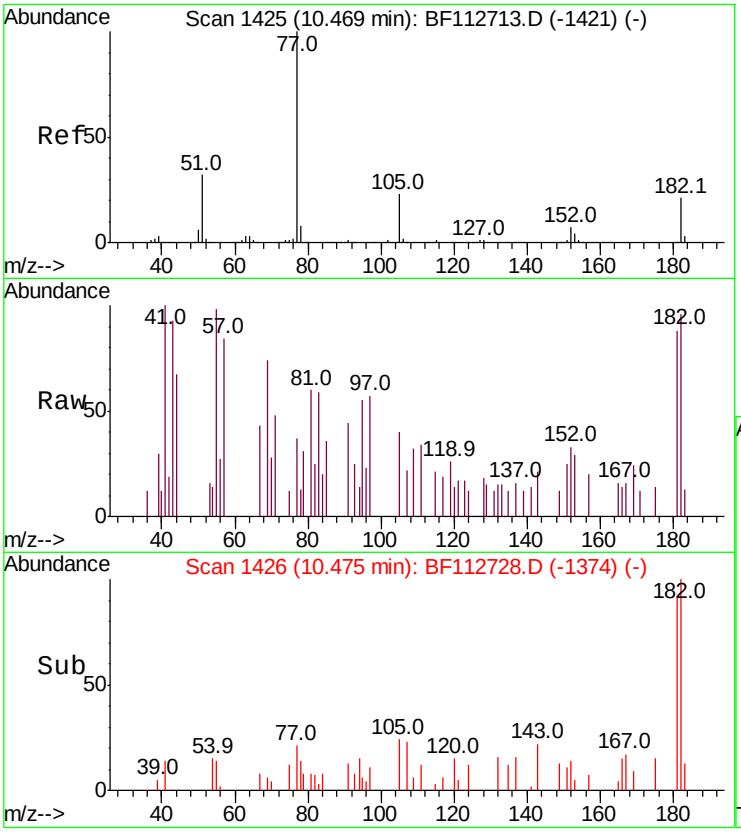


#62
4-Nitroaniline
Concen: 0.028 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:138 Resp: 132

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.3	71.3#
108	0.0	48.1	88.1#



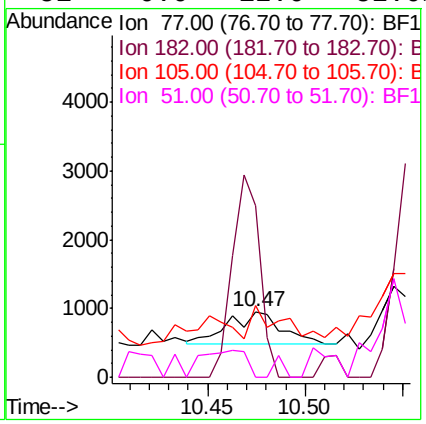


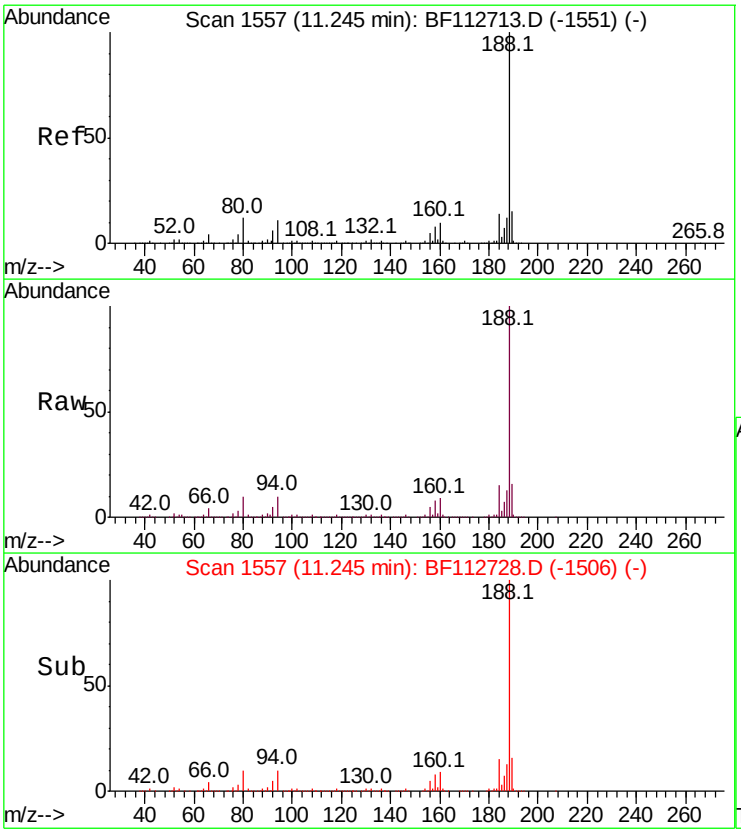
#63
Azobenzene
Concen: 0.041 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion: 77 Resp: 912

Ion	Ratio	Lower	Upper
77	100		
182	261.6	1.4	41.4#
105	108.8	2.6	42.6#
51	0.0	12.0	52.0#

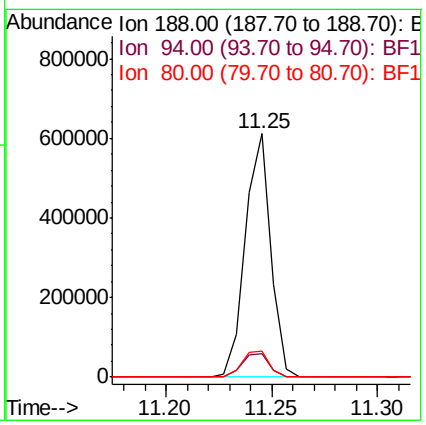


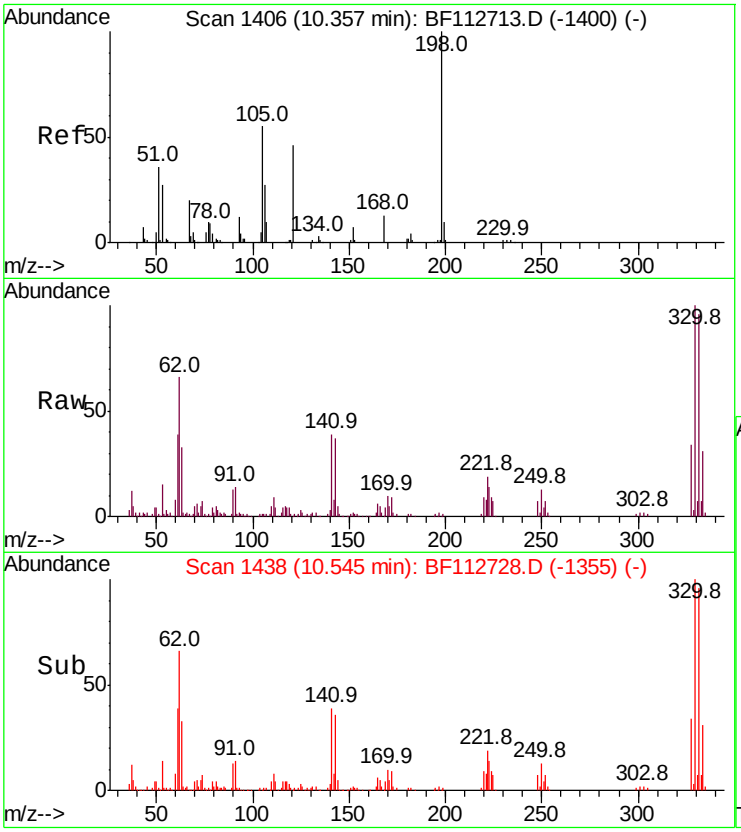


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:188 Resp: 510152

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.4	9.2	13.8



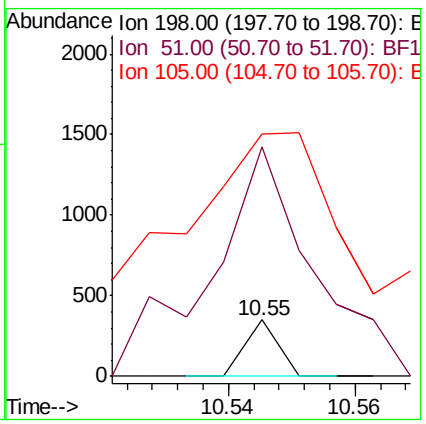


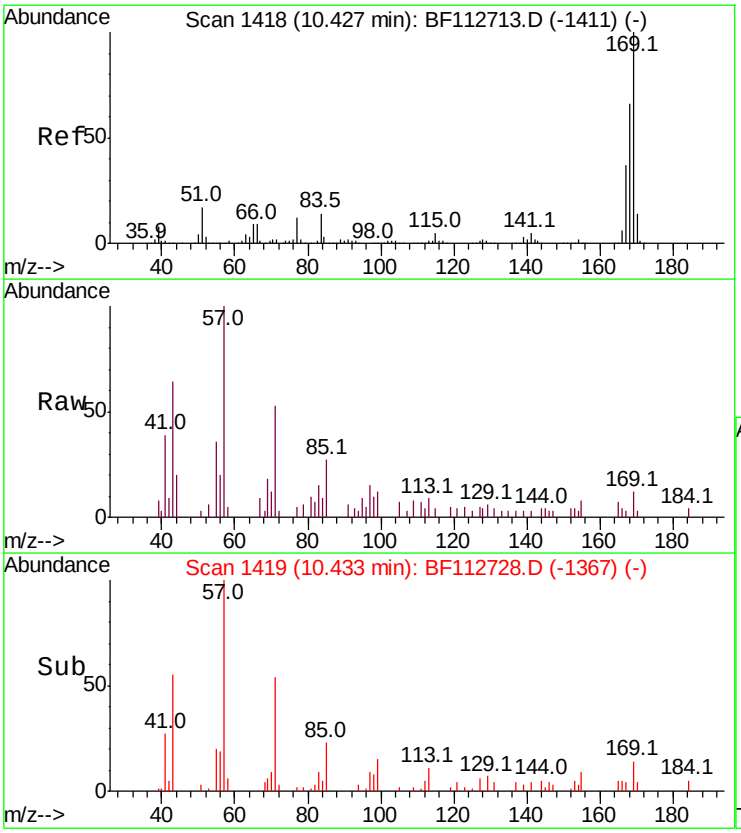
#65
4,6-Dinitro-2-methylphenol
Concen: 4.666 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:198 Resp: 124

Ion	Ratio	Lower	Upper
198	100		
51	408.0	43.8	83.8#
105	429.4	36.5	76.5#

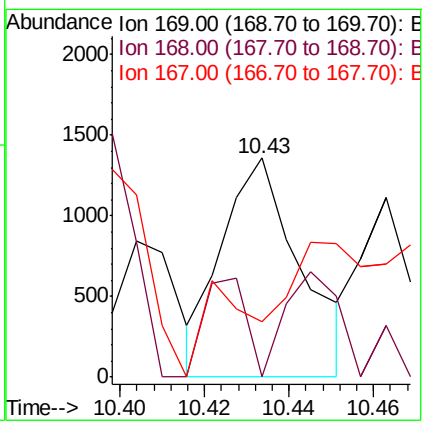


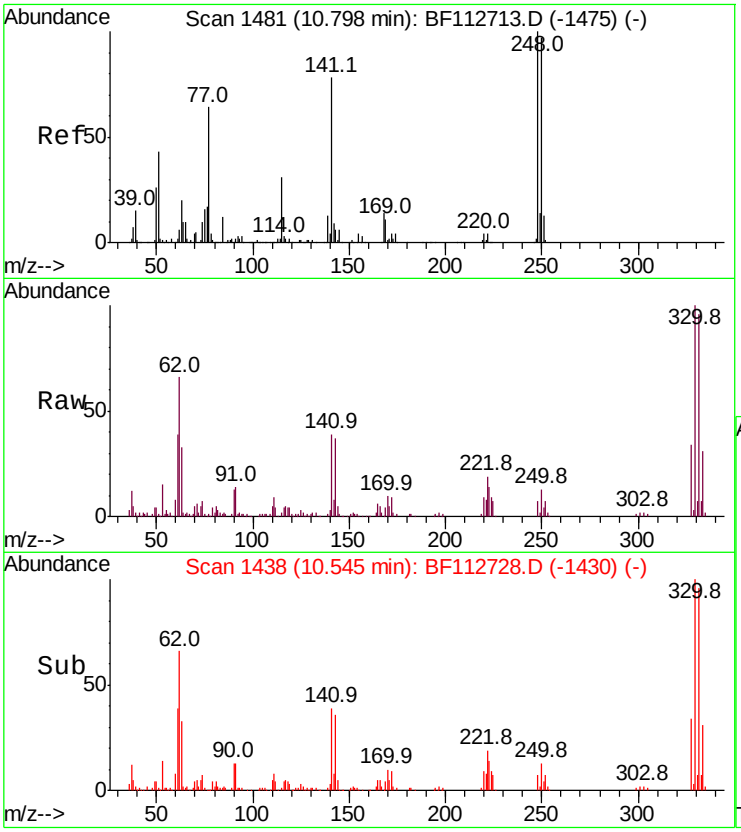


#66
n-Nitrosodiphenylamine
Concen: 0.107 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:169 Resp: 1749

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.0	79.6#
167	25.3	29.3	43.9#



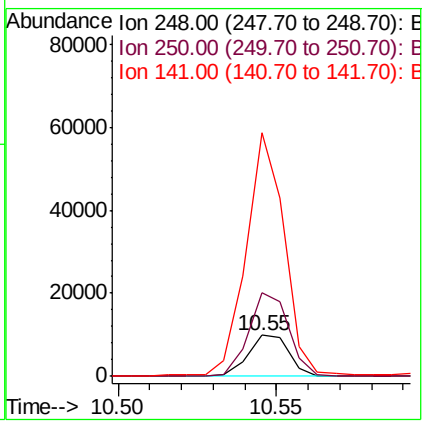


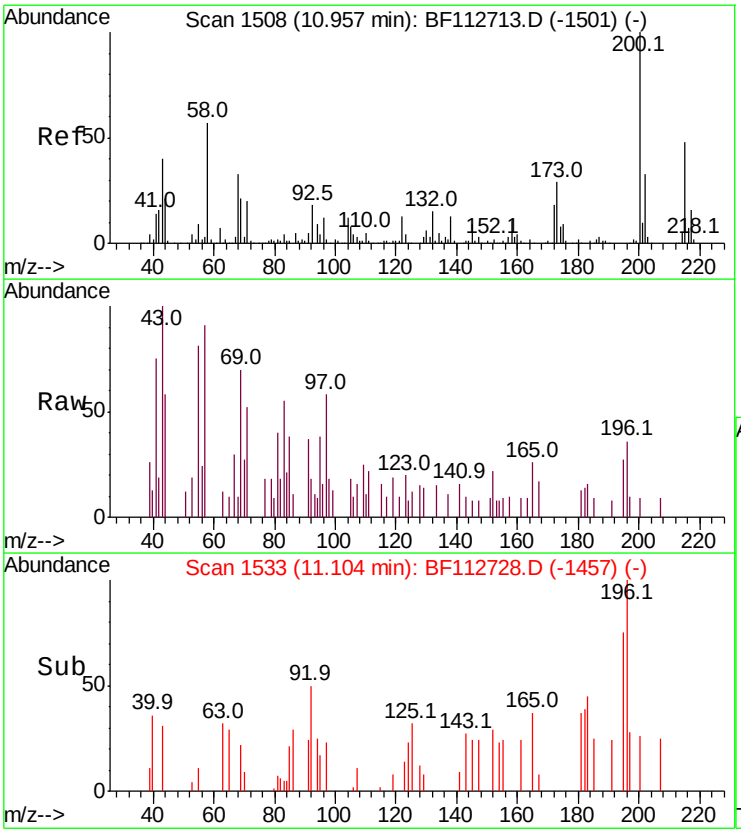
#67
4-Bromophenyl-phenylether
Concen: 1.660 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:248 Resp: 8918

Ion	Ratio	Lower	Upper
248	100		
250	201.8	77.5	116.3#
141	589.2	62.4	93.6#

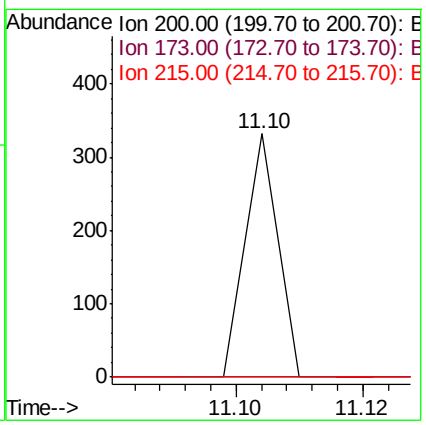


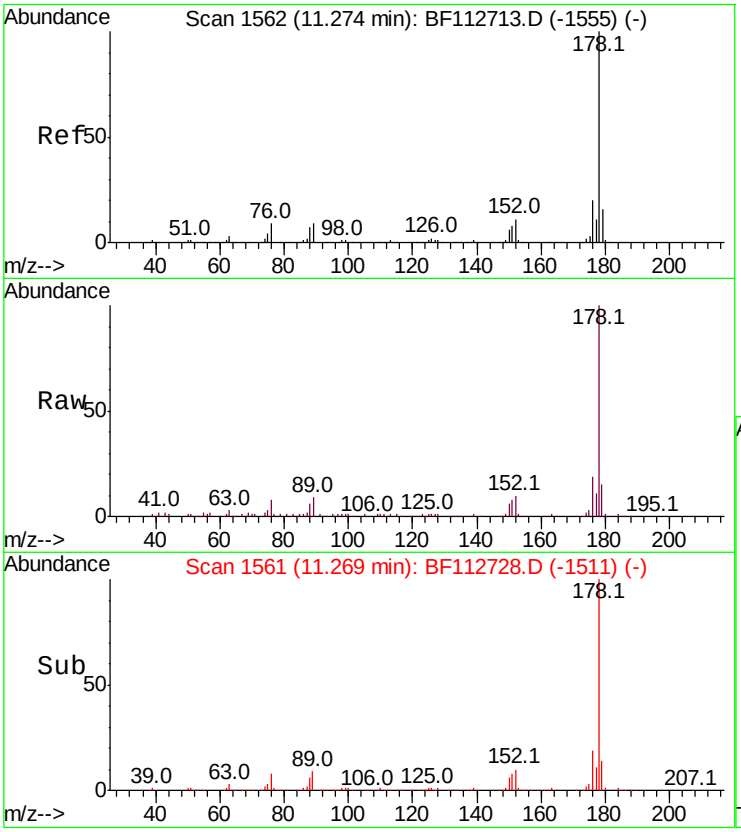


#69
Atrazine
Concen: 0.023 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.15 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:200 Resp: 117

Ion	Ratio	Lower	Upper
200	100		
173	0.0	9.1	49.1#
215	0.0	28.2	68.2#



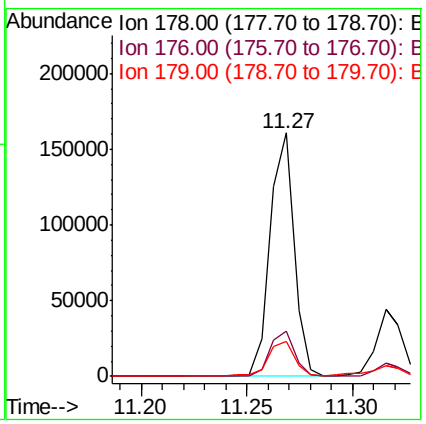


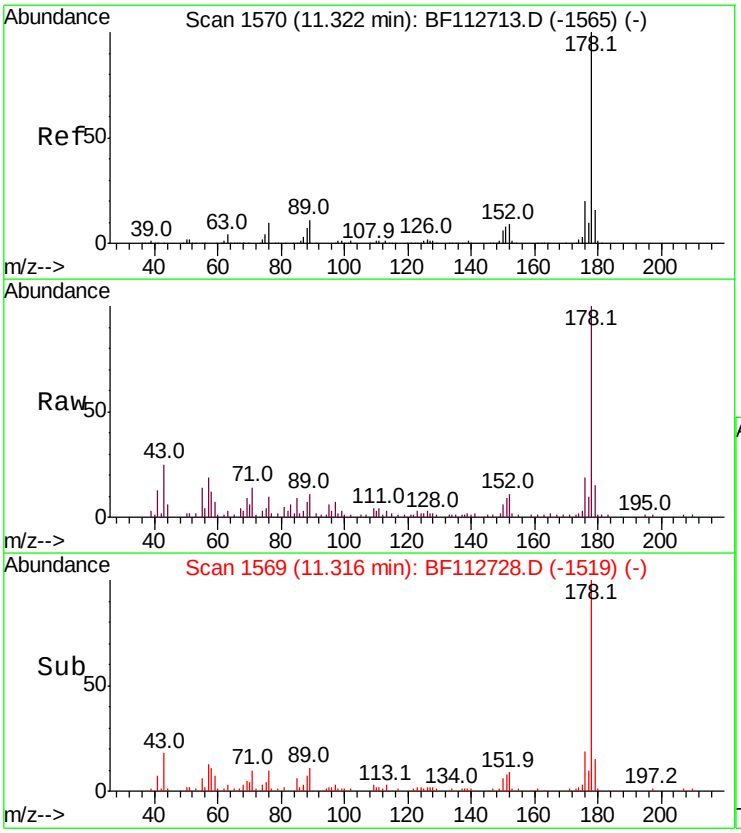
#71
Phenanthrene
Concen: 5.030 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:178 Resp: 127672

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.3	24.5
179	14.5	12.7	19.1

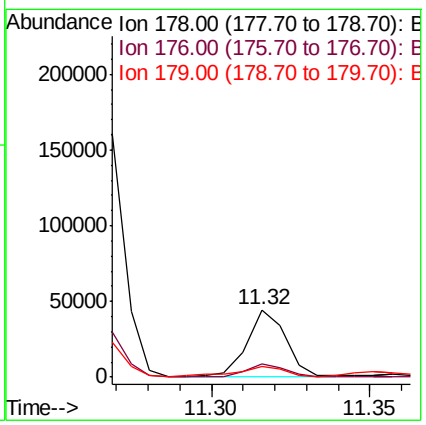


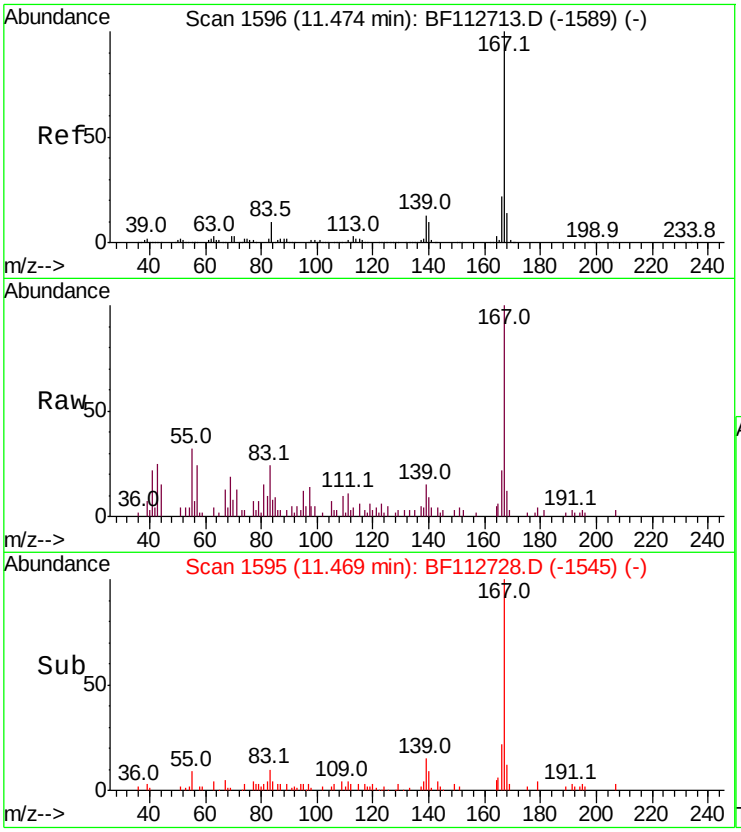


#72
Anthracene
Concen: 1.386 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:178 Resp: 36824

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.2	13.0	19.6



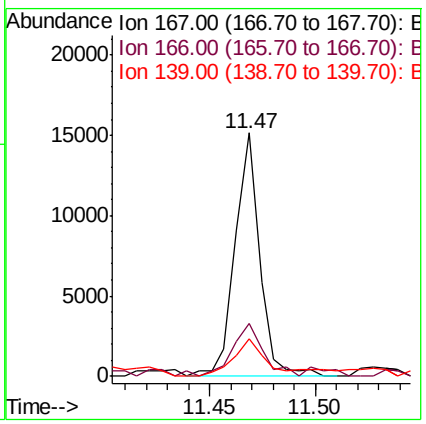


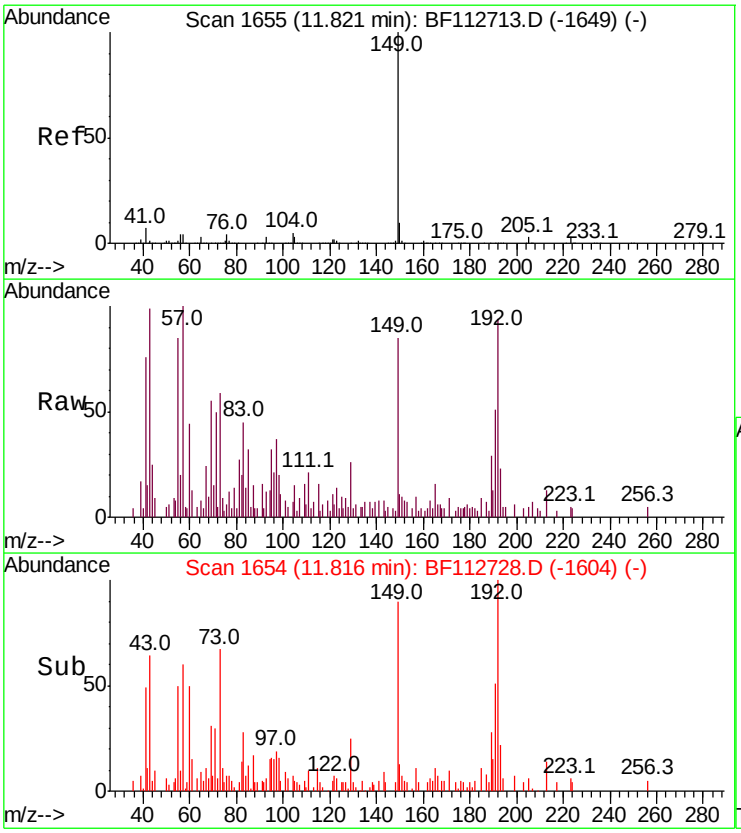
#73
Carbazole
Concen: 0.473 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:167 Resp: 12255

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	15.4	10.8	16.2

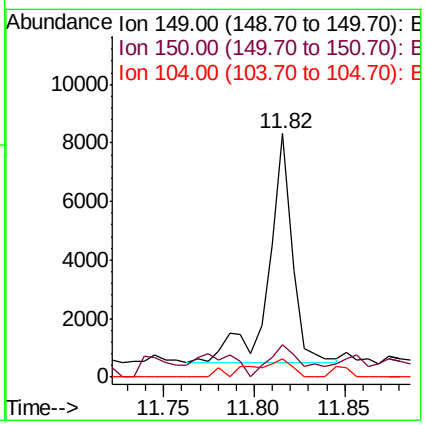


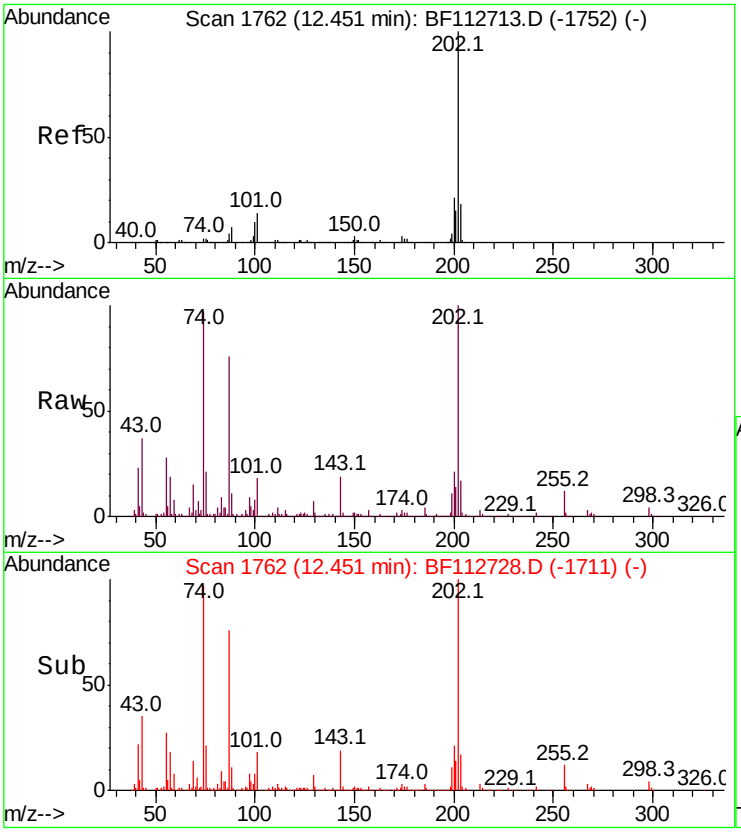


#74
Di-n-butylphthalate
Concen: 0.229 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:149 Resp: 7112

Ion	Ratio	Lower	Upper
149	100		
150	13.4	7.6	11.4#
104	7.8	3.7	5.5#



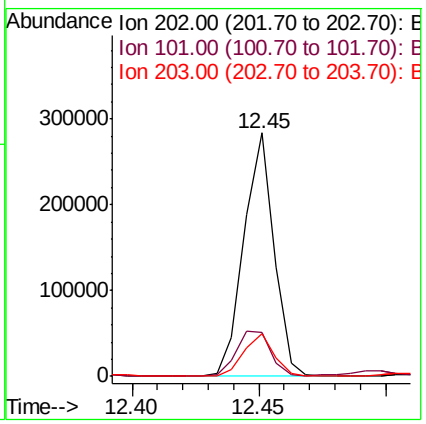


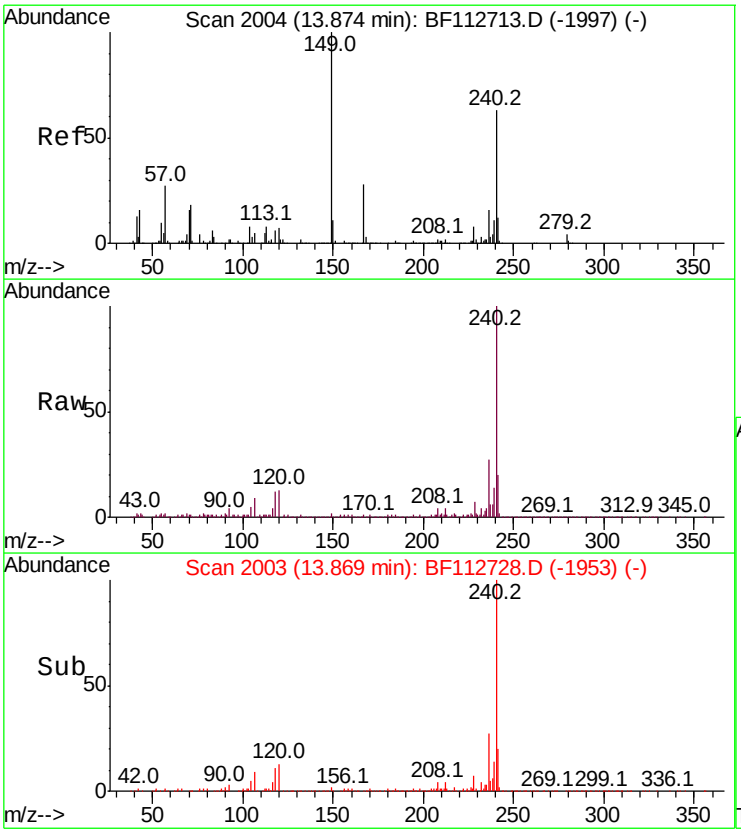
#75
Fluoranthene
Concen: 8.623 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:202 Resp: 234492

Ion	Ratio	Lower	Upper
202	100		
101	18.1	0.0	33.8
203	17.4	0.0	38.4

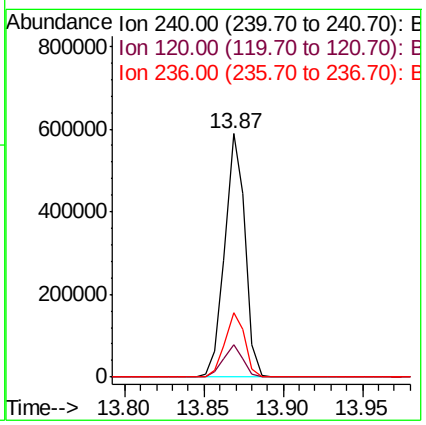


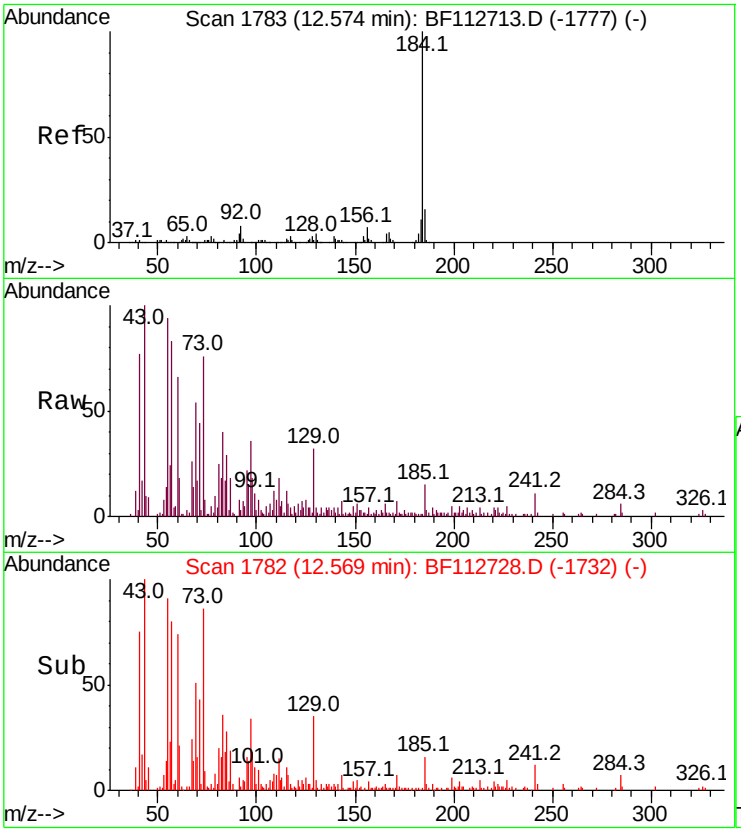


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:240 Resp: 517742

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.9	13.3
236	26.6	20.7	31.1



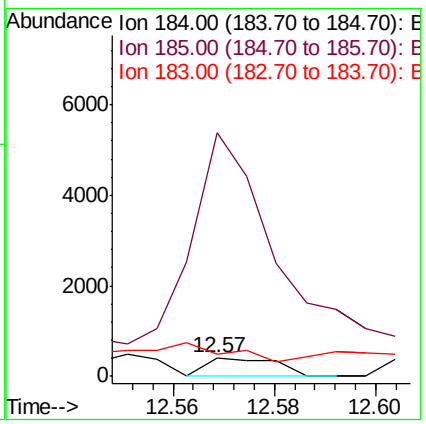


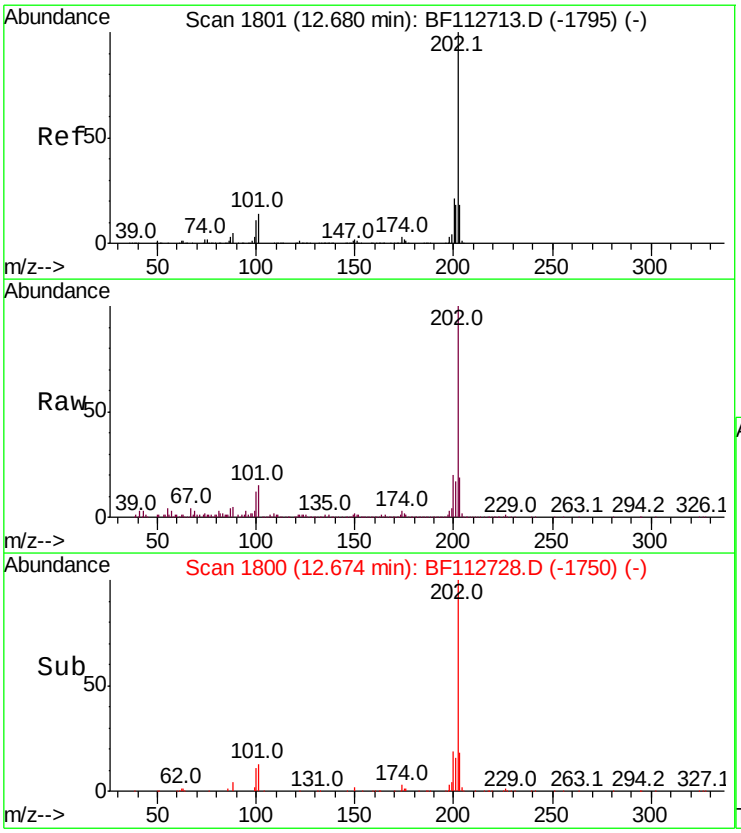
#77
Benzidine
Concen: 0.015 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:184 Resp: 395

Ion	Ratio	Lower	Upper
184	100		
185	1321.6	12.6	18.8#
183	119.4	8.6	12.8#

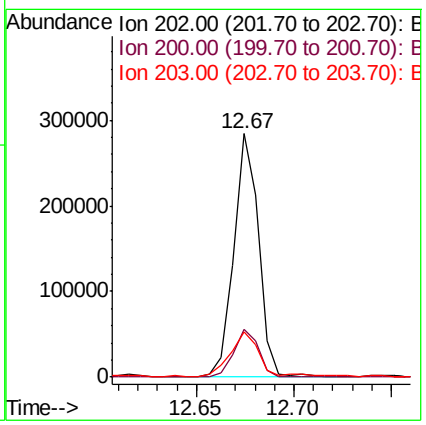


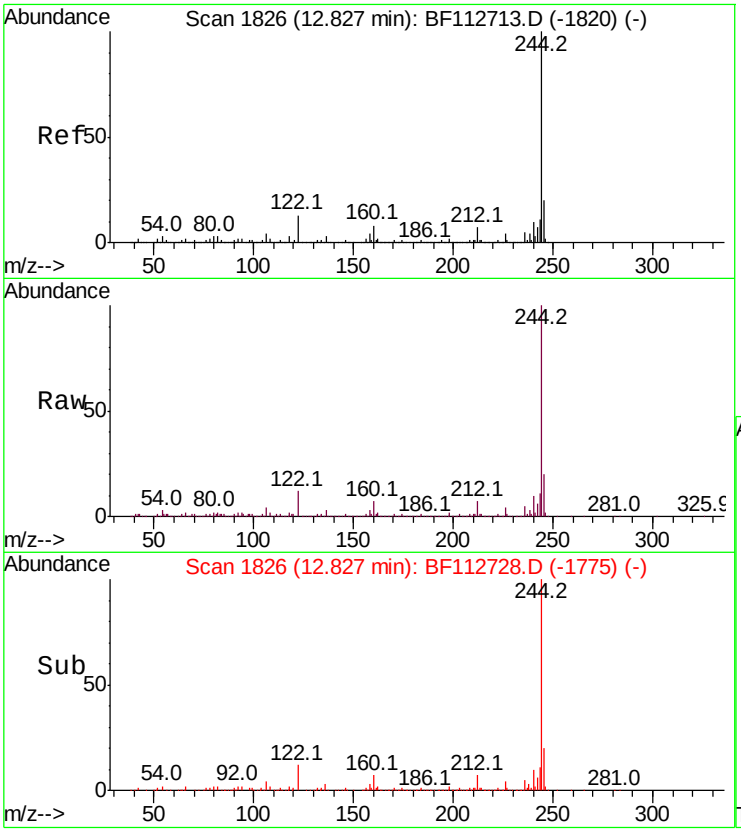


#78
Pyrene
Concen: 5.652 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:202 Resp: 246684

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	18.8	14.4	21.6



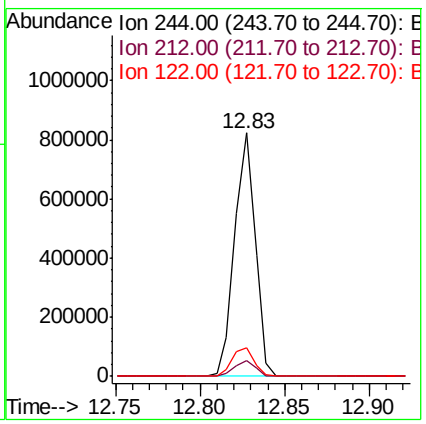


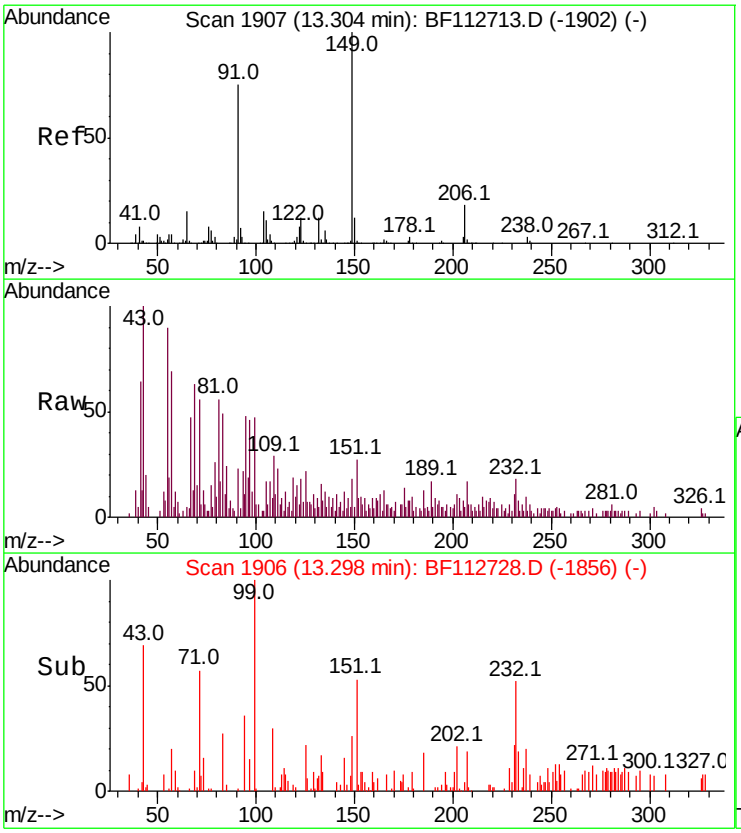
#79
Terphenyl-d14
Concen: 26.080 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:244 Resp: 696560

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.9	10.5	15.7

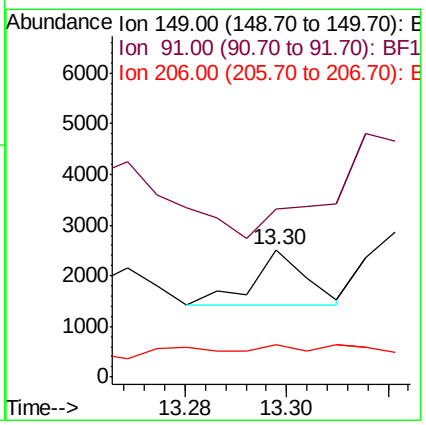


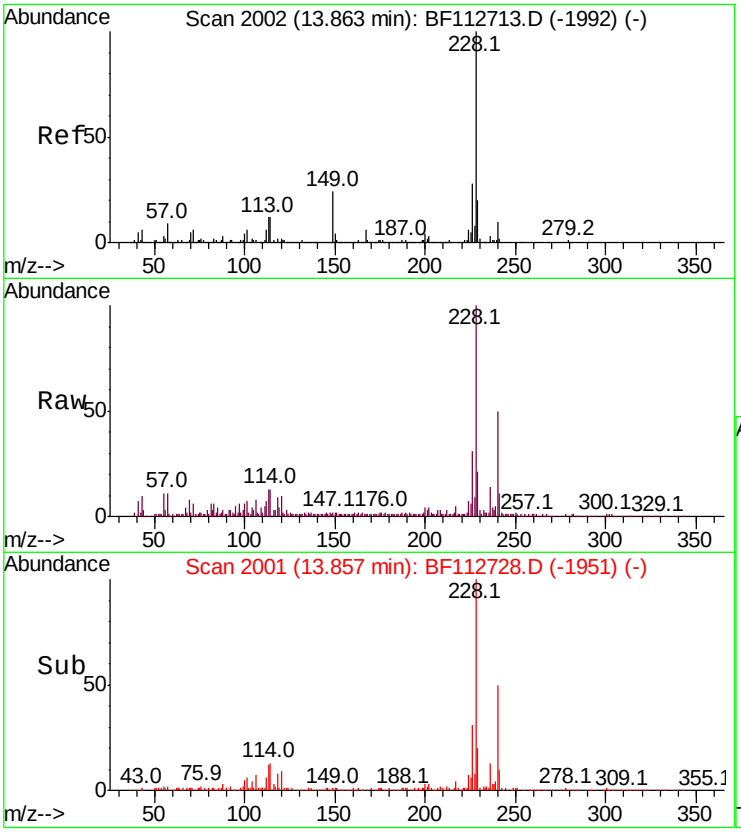


#80
Butylbenzylphthalate
Concen: 0.041 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:149 Resp: 792

Ion	Ratio	Lower	Upper
149	100		
91	131.8	59.9	89.9#
206	26.0	14.7	22.1#



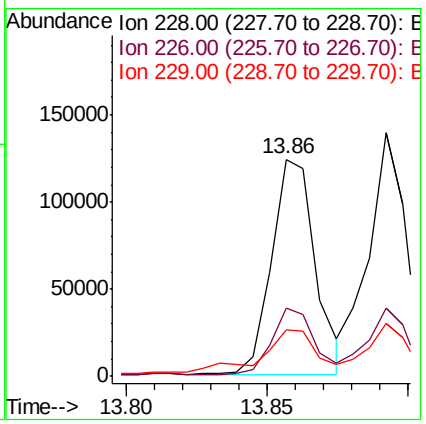


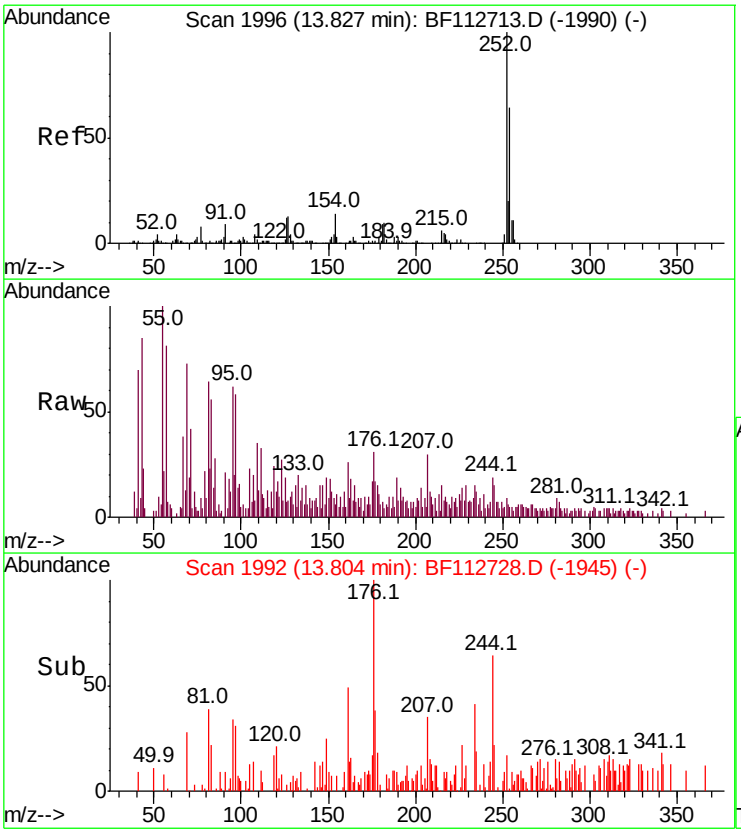
#81
Benzo(a)anthracene
Concen: 3.702 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:228 Resp: 132855

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.2	33.4
229	21.3	16.0	24.0

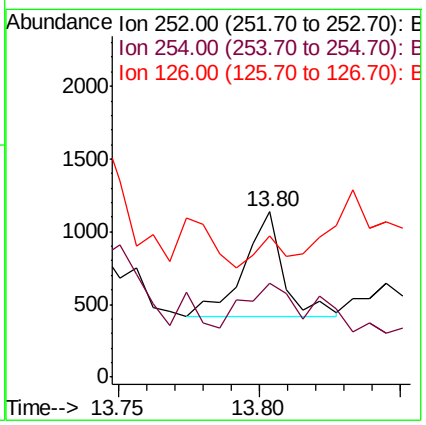


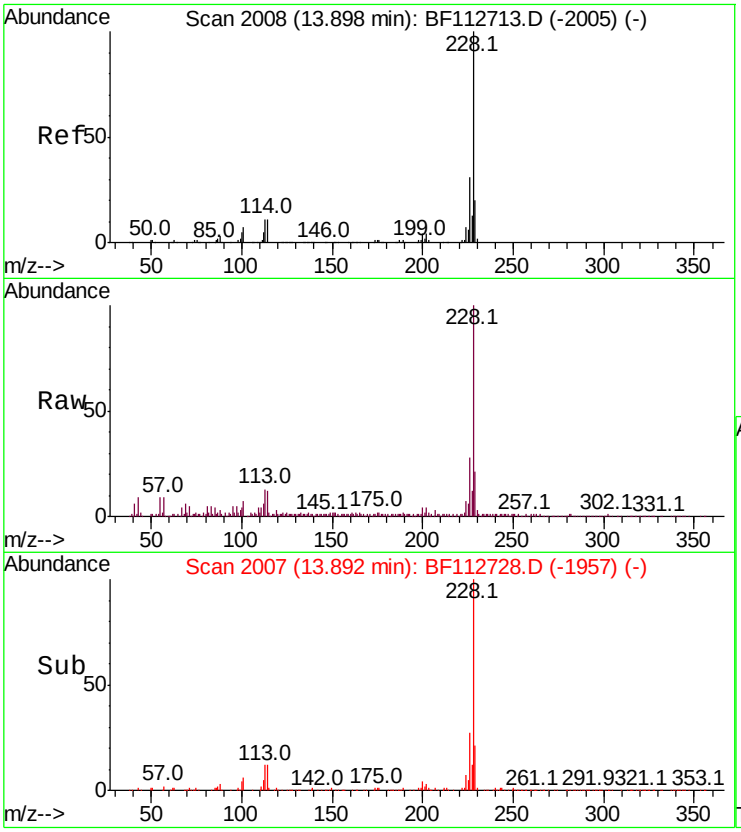


#82
3,3'-Dichlorobenzidine
Concen: 0.052 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:252 Resp: 712

Ion	Ratio	Lower	Upper
252	100		
254	56.8	51.1	76.7
126	85.6	9.9	14.9#



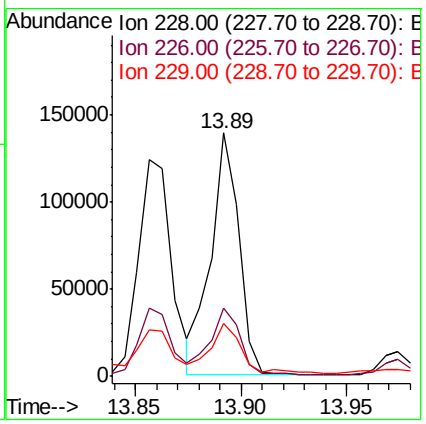


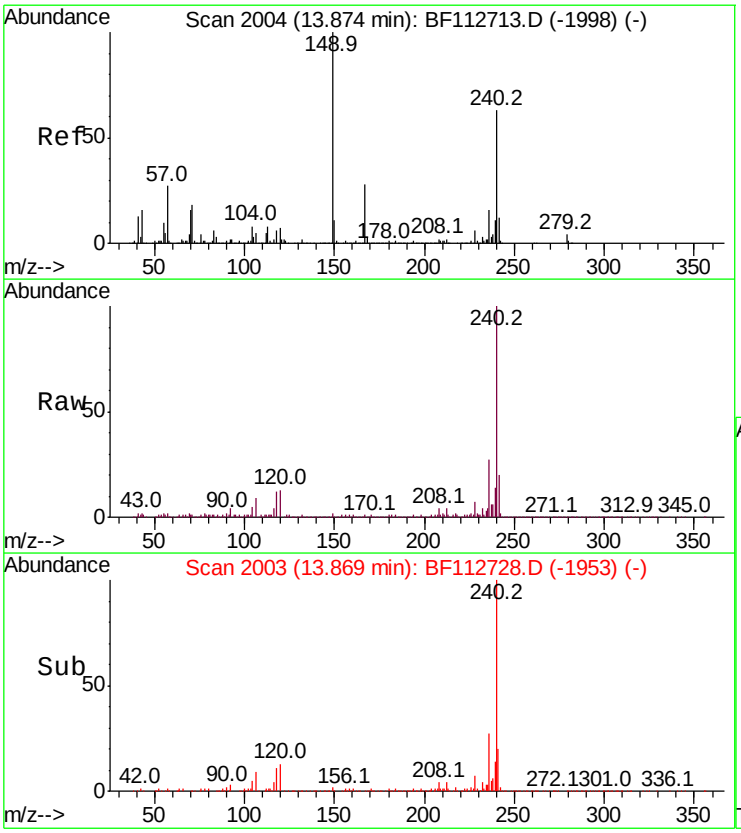
#83
Chrysene
Concen: 3.682 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:228 Resp: 129414

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	21.5	16.3	24.5

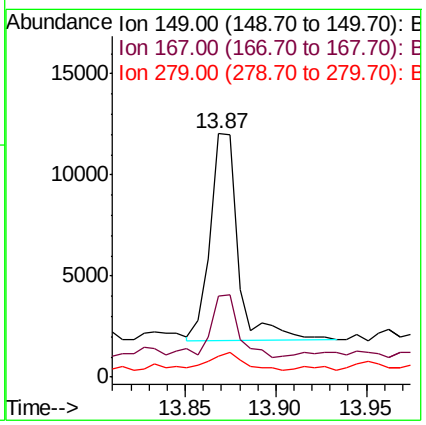


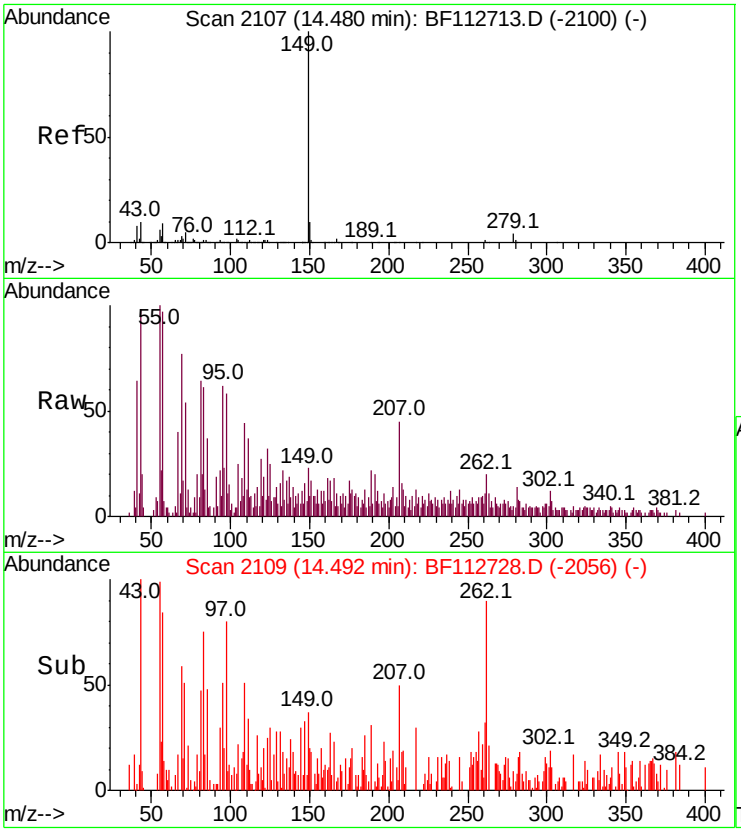


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.485 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:149 Resp: 10957

Ion	Ratio	Lower	Upper
149	100		
167	33.1	22.4	33.6
279	8.4	3.3	4.9#



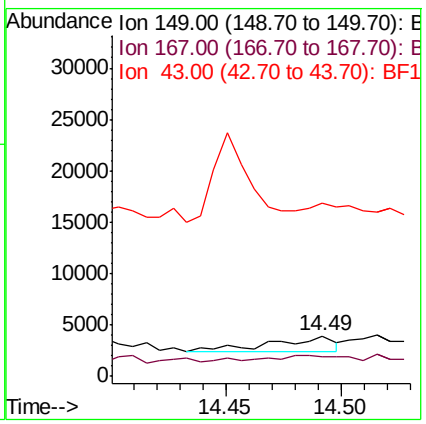


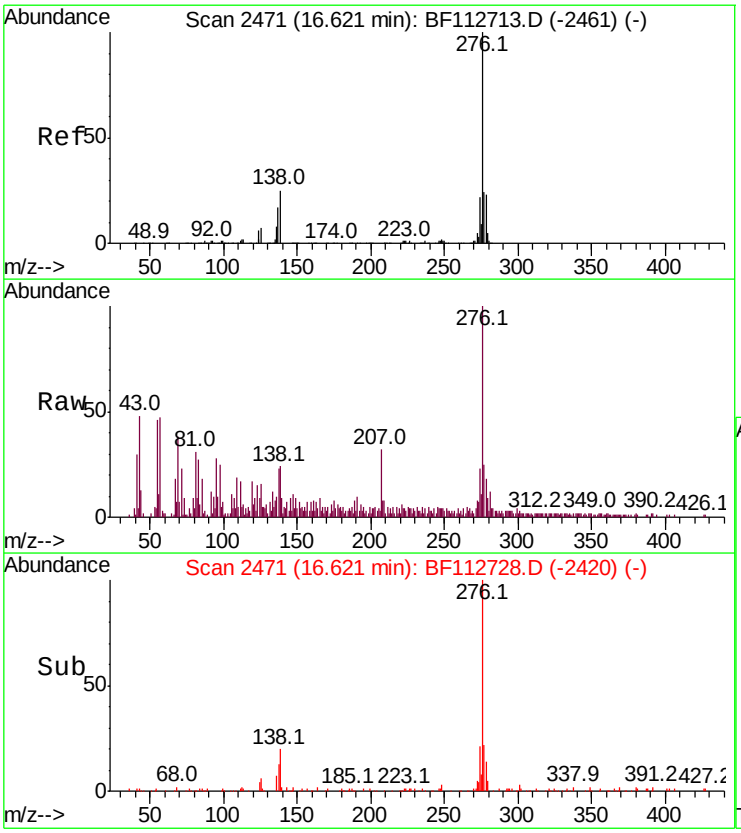
#85
Di-n-octyl phthalate
Concen: 0.069 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:149 Resp: 2680

Ion	Ratio	Lower	Upper
149	100		
167	61.6	1.2	1.8#
43	0.0	9.0	13.4#

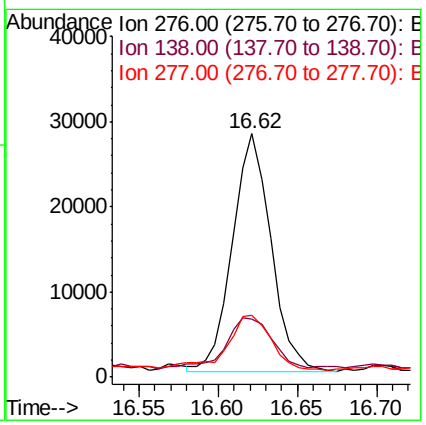


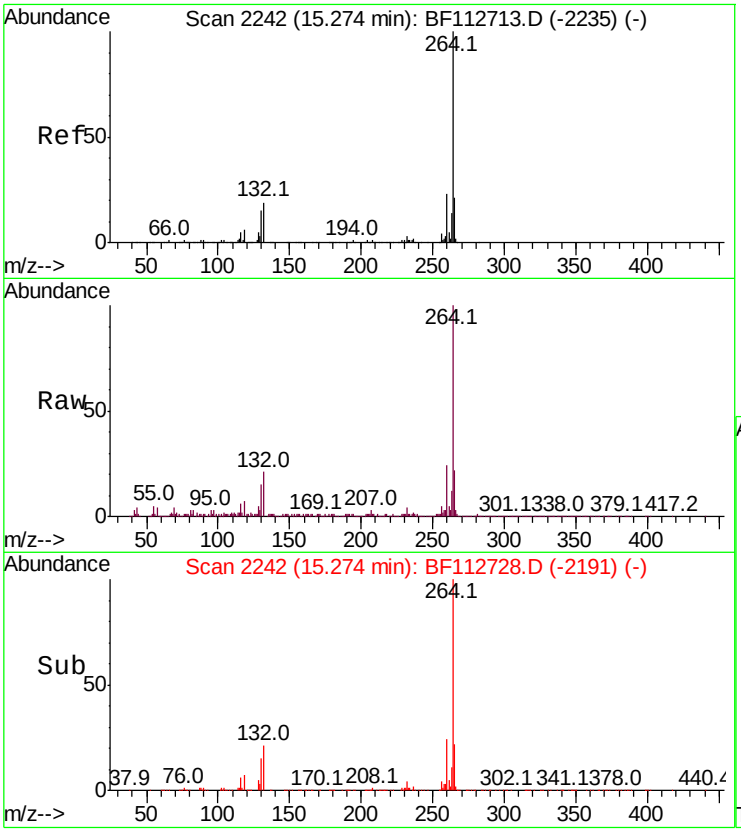


#86
Indeno(1,2,3-cd)pyrene
Concen: 1.585 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:276 Resp: 47504

Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.2	34.8
277	27.1	19.9	29.9



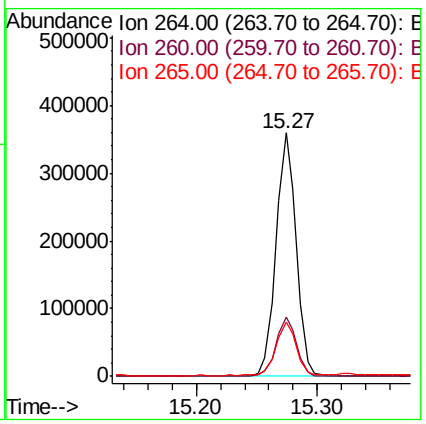


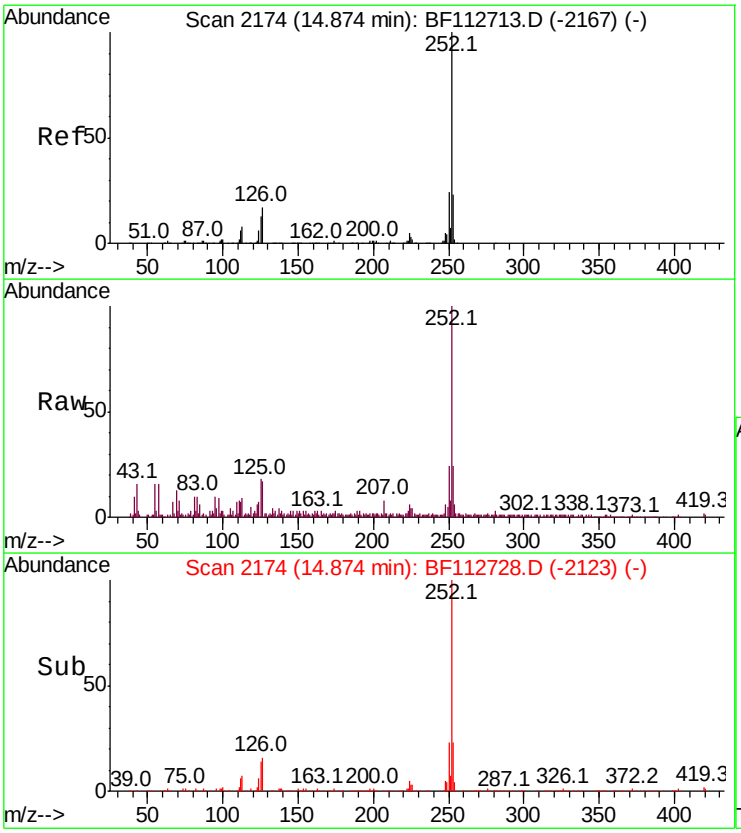
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:264 Resp: 412251

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.2	17.2	25.8

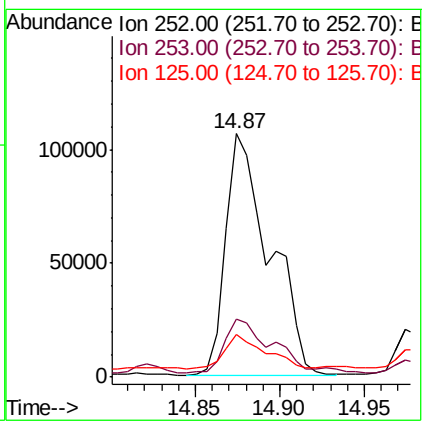


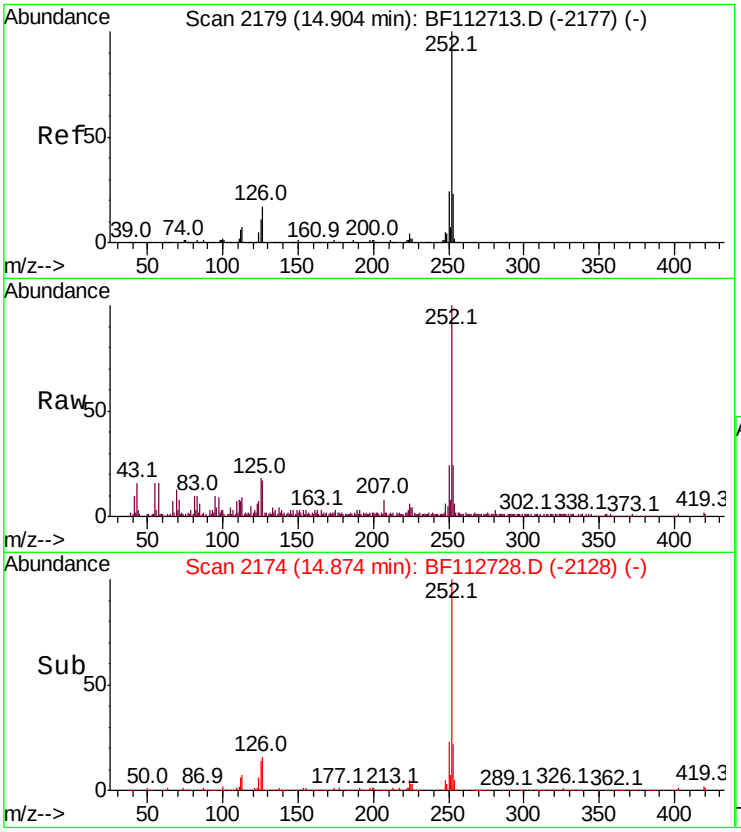


#88
Benzo(b)fluoranthene
Concen: 7.218 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:252 Resp: 192467

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	17.6	10.2	15.2#



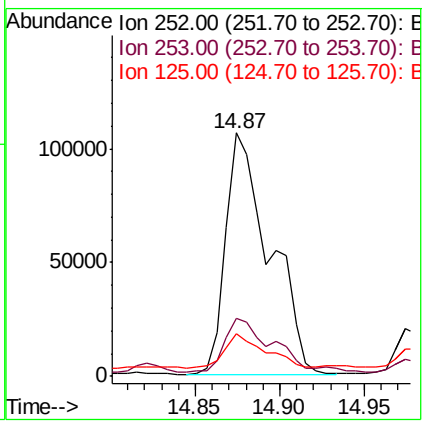


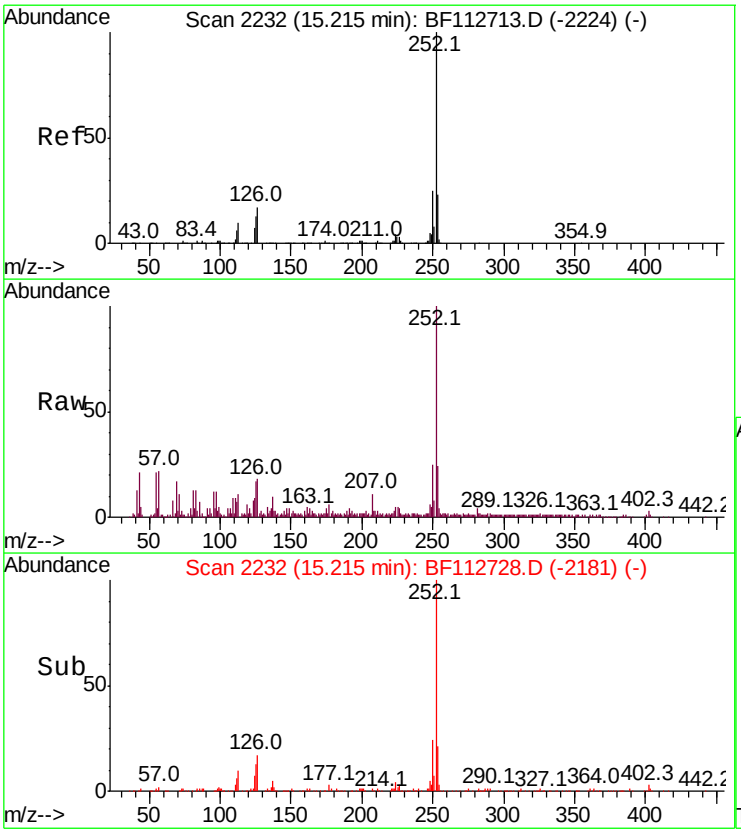
#89
Benzo(k)fluoranthene
Concen: 7.968 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:252 Resp: 192467

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	17.6	9.8	14.6#

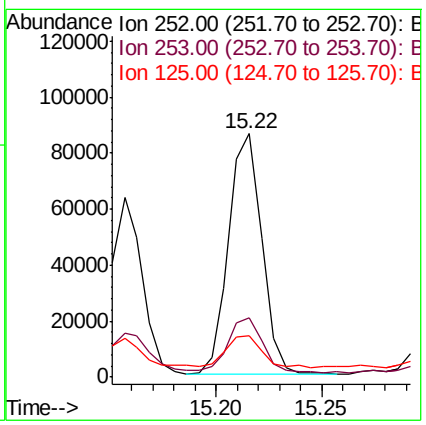


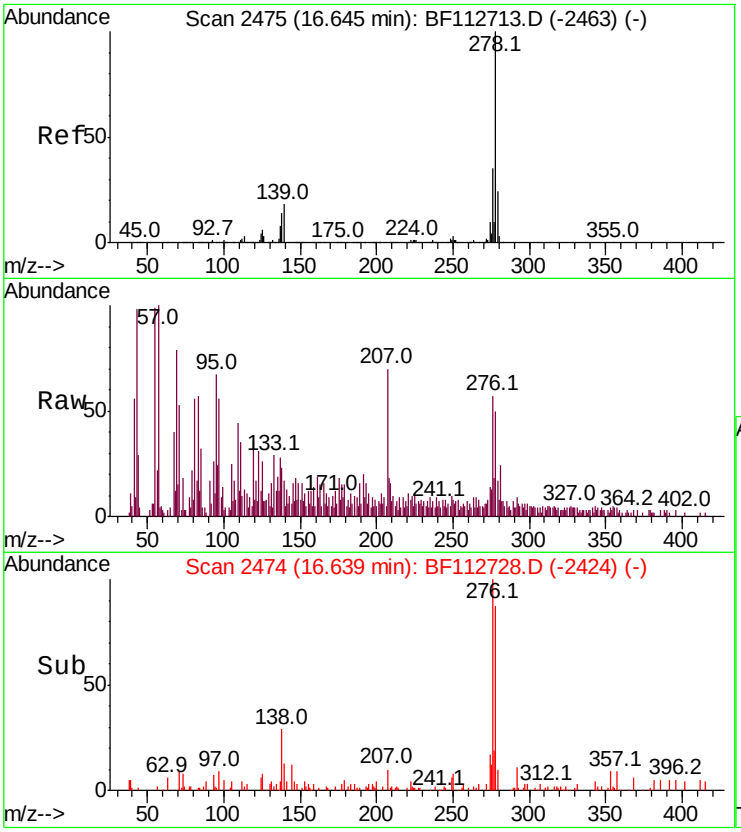


#90
Benzo(a)pyrene
Concen: 3.956 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:252 Resp: 93316

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	16.9	10.7	16.1#



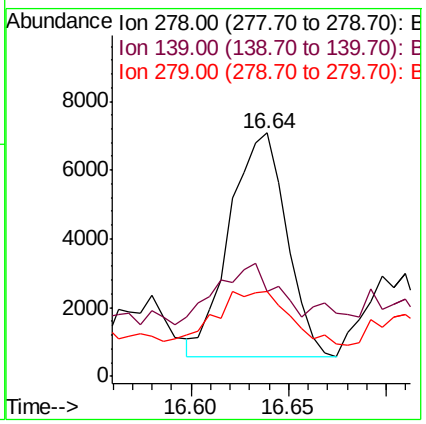


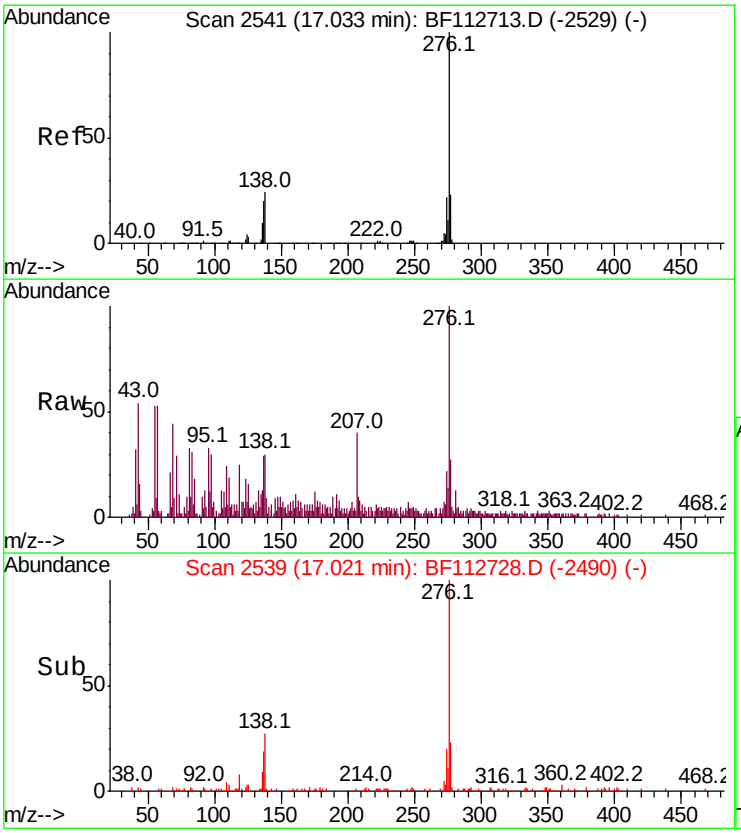
#91
Dibenzo(a,h)anthracene
Concen: 0.650 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

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

Tgt Ion:278 Resp: 13090

Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.3	21.5#
279	34.8	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 2.248 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF112728.D
Acq: 27 Feb 2019 19:27

Tgt Ion:276 Resp: 45426

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	27.8
138	29.8	19.4	29.0#