Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112757.D
Acq On : 28 Feb 2019 12:54
Operator : JU/SJ
Sample : K1596-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-14

Quant Time: Mar 01 04:44:27 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	6.75	152	171687	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	585602	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	243309	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	499653	20.00	ng		0.00
76) Chrysene-d12	13.87	240	491393	20.00	ng		0.00
87) Perylene-d12	15.29	264	358068	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1039811	94.21	ng		0.00
7) Phenol-d6	6.37	99	1261916	91.02	ng		0.00
23) Nitrobenzene-d5	7.30	82	750218	76.66	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	300220	116.23	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1043289	71.49	ng		0.00
79) Terphenyl-d14	12.83	244	1175121	46.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	109	0.020	ng	#	19
3) Pyridine	3.14	79	107	0.007	ng	#	1
4) n-Nitrosodimethylamine	3.09	42	225	0.035	ng	#	1
6) Aniline	6.41	93	316	0.017	ng	#	32
8) 2-Chlorophenol	6.53	128	326	0.027	ng	#	20
9) Benzaldehyde	6.29	77	1013	0.101	ng	#	81
10) Phenol	6.39	94	42446	2.624	ng		86
11) bis(2-Chloroethyl)ether	6.51	93	1678	0.135	ng	#	1
15) Benzyl Alcohol	6.90	79	13366	1.264	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.04	45	112	0.005	ng		71
17) 2-Methylphenol	6.99	107	121	0.012	ng	#	52
18) Hexachloroethane	7.29	117	236	0.048	ng	#	1
19) n-Nitroso-di-n-propylamine	7.30	70	99190	11.296	ng	#	78
20) 3+4-Methylphenols	7.15	107	1532	0.136	ng	#	84
22) Acetophenone	7.15	105	1721	0.126	ng	#	90
24) Nitrobenzene	7.30	77	2734	0.251	ng	#	36
25) Isophorone	7.30	82	745161	35.343	ng	#	66
27) 2,4-Dimethylphenol	7.69	122	361	0.043	ng	#	61
28) bis(2-Chloroethoxy)methane	7.62	93	246	0.019	ng	#	13
31) Naphthalene	8.05	128	12232	0.421	ng		97
32) Benzoic acid	7.81	122	407	0.069	ng	#	16
33) 4-Chloroaniline	8.05	127	1588	0.129	ng	#	64
35) Caprolactam	8.46	113	301	0.104	ng	#	1
36) 4-Chloro-3-methylphenol	8.63	107	598	0.066	ng	#	20
37) 2-Methylnaphthalene	8.73	142	4458	0.237	ng	#	91
38) 1-Methylnaphthalene	8.83	142	3800	0.209	ng	#	84
46) 1,1'-Biphenyl	9.20	154	3768	0.190	ng		96
47) 2-Chloronaphthalene	9.49	162	936	0.060	ng	#	1
48) 2-Nitroaniline	9.32	65	115	0.024	ng	#	4
49) Acenaphthylene	9.63	152	39796	1.513	ng		97
50) Dimethylphthalate	9.49	163	93758	5.226	ng		100
51) 2,6-Dinitrotoluene	9.49	165	1346	0.360	ng	#	38
52) Acenaphthene	9.80	154	8410	0.547	ng		95
53) 3-Nitroaniline	9.73	138	120	0.026	ng	#	3

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112757.D
Acq On : 28 Feb 2019 12:54
Operator : JU/SJ
Sample : K1596-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-14

Quant Time: Mar 01 04:44:27 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)
55) Dibenzofuran	9.97	168	8793	0.393	ng	#	91
56) 4-Nitrophenol	9.87	139	268	0.072	ng	#	42
57) 2,4-Dinitrotoluene	9.77	165	31980	6.887	ng	#	18
58) Fluorene	10.32	166	12120	0.764	ng	#	97
60) Diethylphthalate	10.19	149	3418	0.180	ng		96
61) 4-Chlorophenyl-phenylether	10.15	204	110	0.015	ng	#	26
62) 4-Nitroaniline	10.33	138	118	0.028	ng	#	20
63) Azobenzene	10.48	77	920	0.047	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.55	198	487	4.827	ng	#	1
66) n-Nitrosodiphenylamine	10.43	169	2681	0.167	ng	#	80
67) 4-Bromophenyl-phenylether	10.56	248	17179	3.264	ng	#	1
69) Atrazine	11.16	200	106	0.022	ng	#	35
71) Phenanthrene	11.27	178	166716	6.706	ng		97
72) Anthracene	11.32	178	55642	2.138	ng		99
73) Carbazole	11.47	167	25529	1.006	ng		99
74) Di-n-butylphthalate	11.82	149	14841	0.488	ng	#	91
75) Fluoranthene	12.46	202	347221	13.037	ng		96
77) Benzidine	12.56	184	666	0.026	ng	#	1
78) Pyrene	12.68	202	323424	7.807	ng		99
80) Butylbenzylphthalate	13.31	149	4810	0.263	ng	#	63
81) Benzo(a)anthracene	13.86	228	180677	5.305	ng		93
82) 3,3'-Dichlorobenzidine	13.84	252	688	0.053	ng	#	55
83) Chrysene	13.86	228	180677	5.416	ng		97
84) Bis(2-ethylhexyl)phthalate	13.87	149	25835	1.205	ng	#	90
85) Di-n-octyl phthalate	14.50	149	4893	0.133	ng	#	72
86) Indeno(1,2,3-cd)pyrene	16.66	276	90678	3.188	ng	#	93
88) Benzo(b)fluoranthene	14.89	252	287764	12.425	ng	#	89
89) Benzo(k)fluoranthene	14.89	252	287764	13.717	ng	#	88
90) Benzo(a)pyrene	15.23	252	141632	6.914	ng	#	92
91) Dibenzo(a,h)anthracene	16.66	278	23791	1.361	ng	#	59
92) Benzo(g,h,i)perylene	17.06	276	86417	4.923	ng		94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112757.D
Acq On : 28 Feb 2019 12:54
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Instrument :
BNA_F
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Quant Time: Mar 01 04:44:27 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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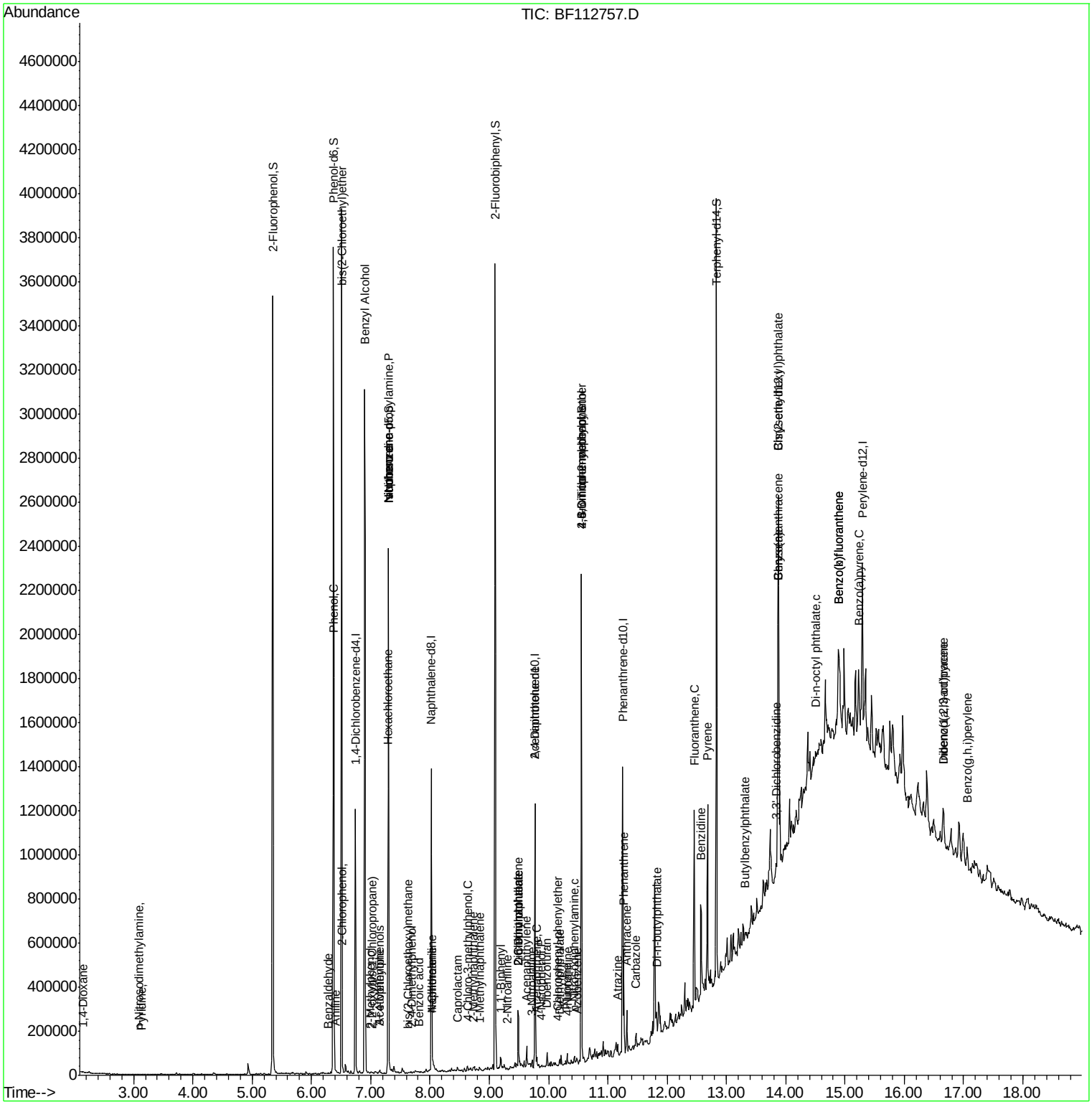
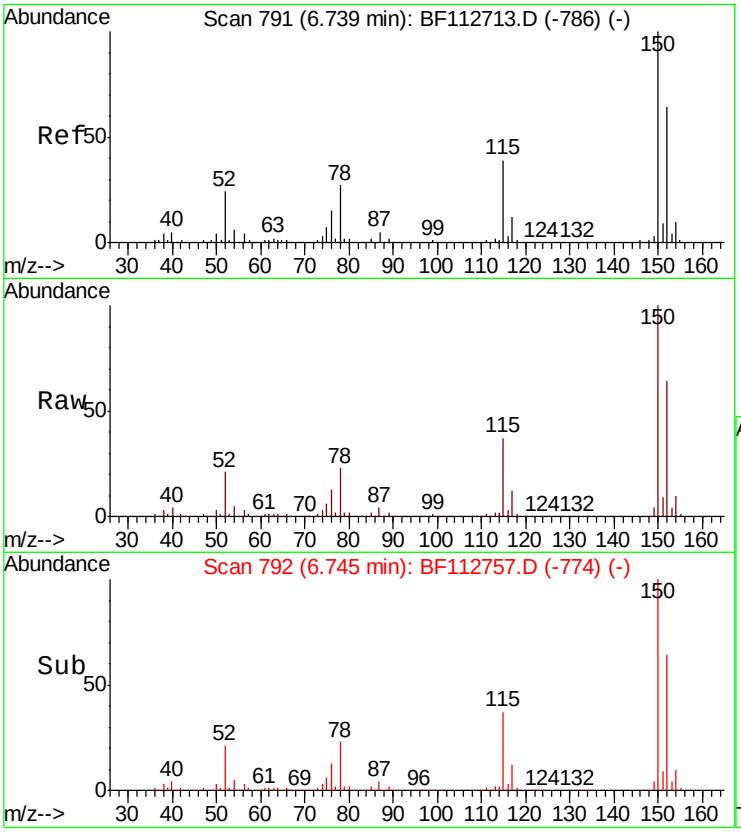


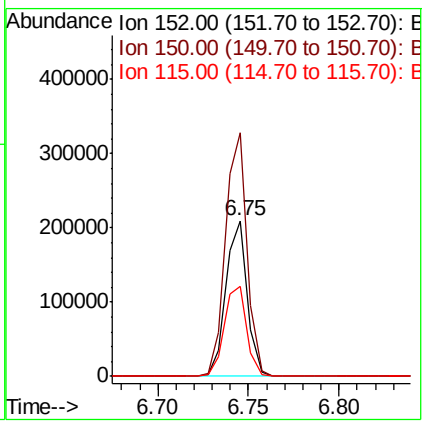


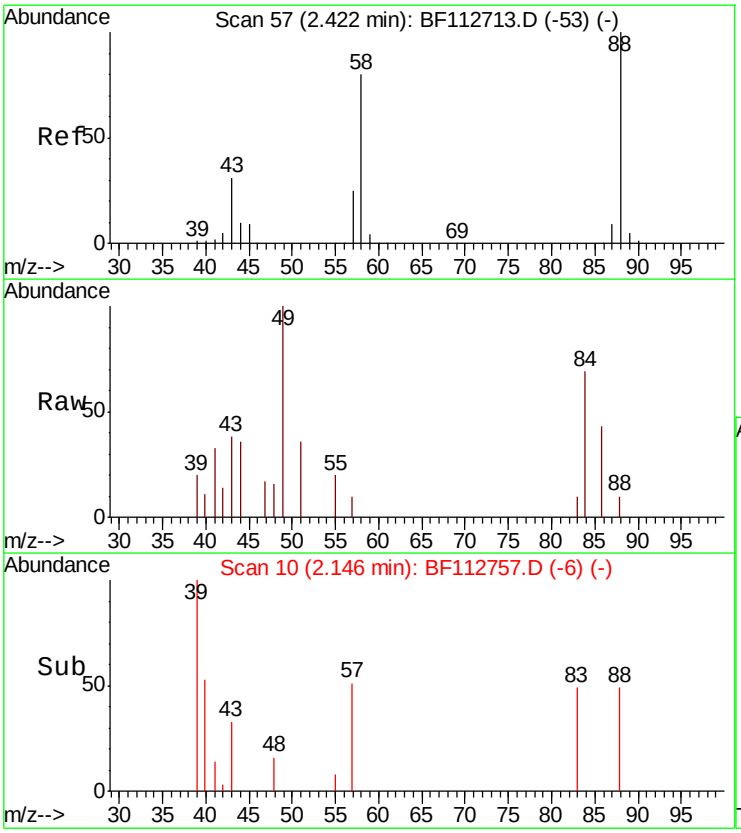
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:152 Resp: 171687

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	58.0	48.2	72.4

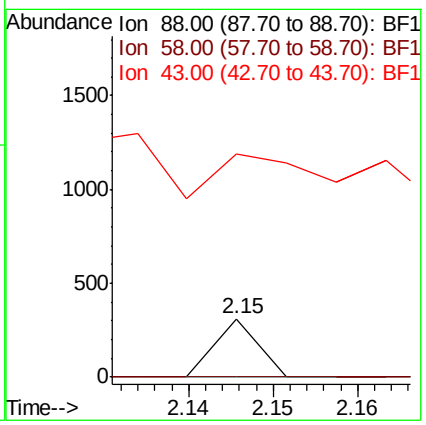


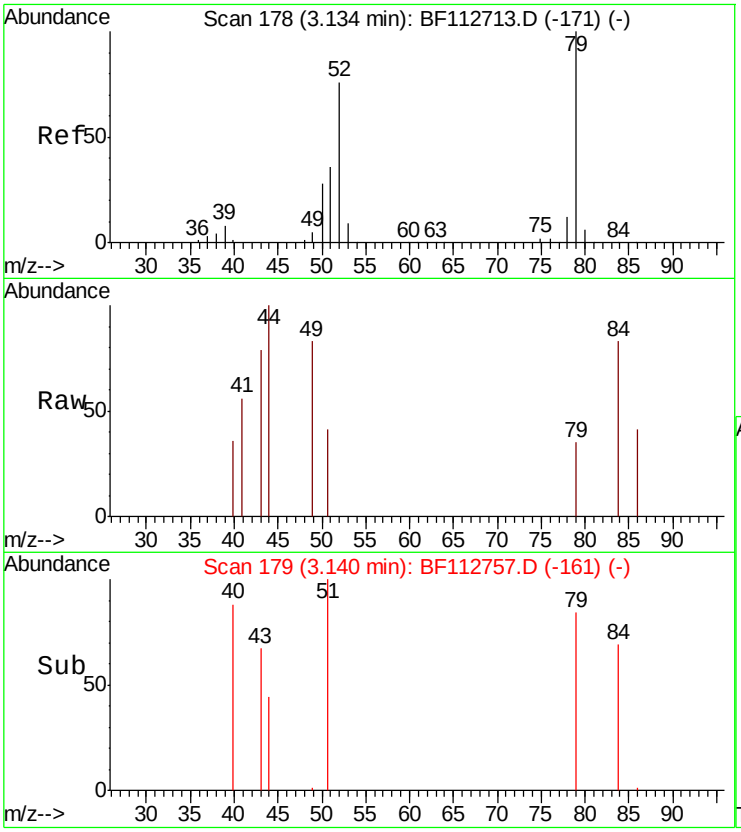


#2
1,4-Dioxane
Concen: 0.020 ng
RT: 2.15 min Scan# 10
Delta R.T. -0.28 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.1	94.7#
43	0.0	24.3	36.5#



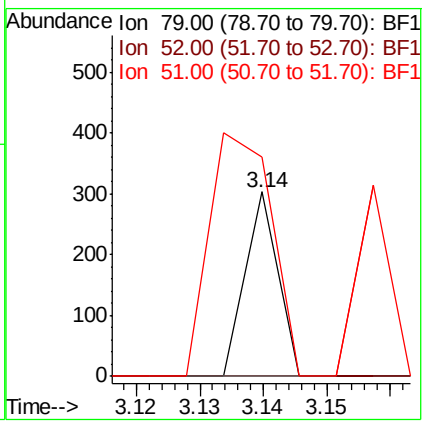


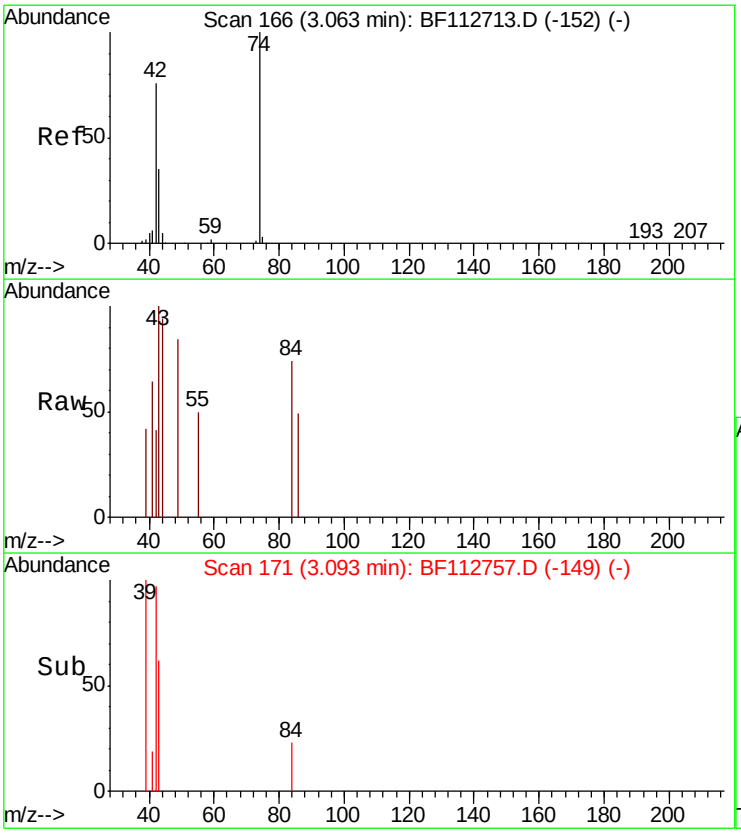
#3
Pyridine
Concen: 0.007 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 79 Resp: 107

Ion	Ratio	Lower	Upper
79	100		
52	0.0	60.5	90.7#
51	118.8	28.8	43.2#

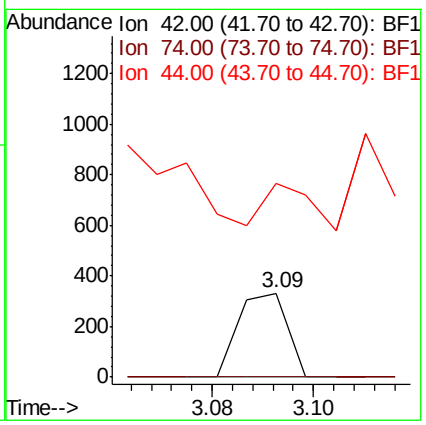


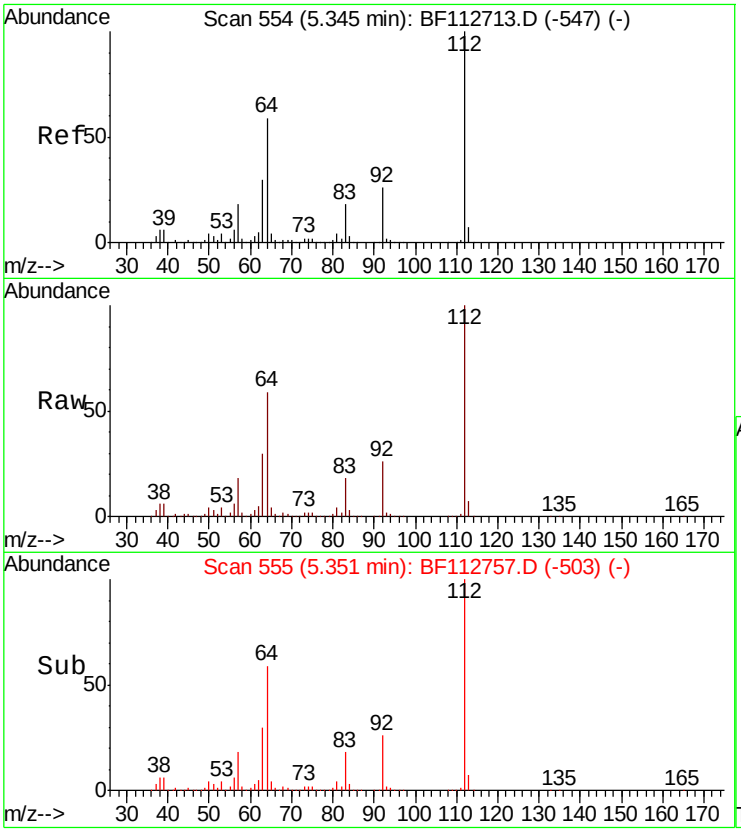


#4
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.03 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 42 Resp: 225

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	230.1	6.2	9.2#



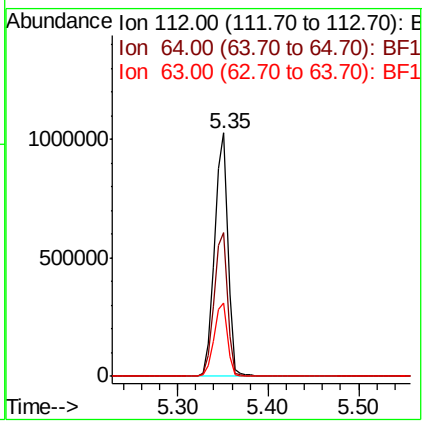


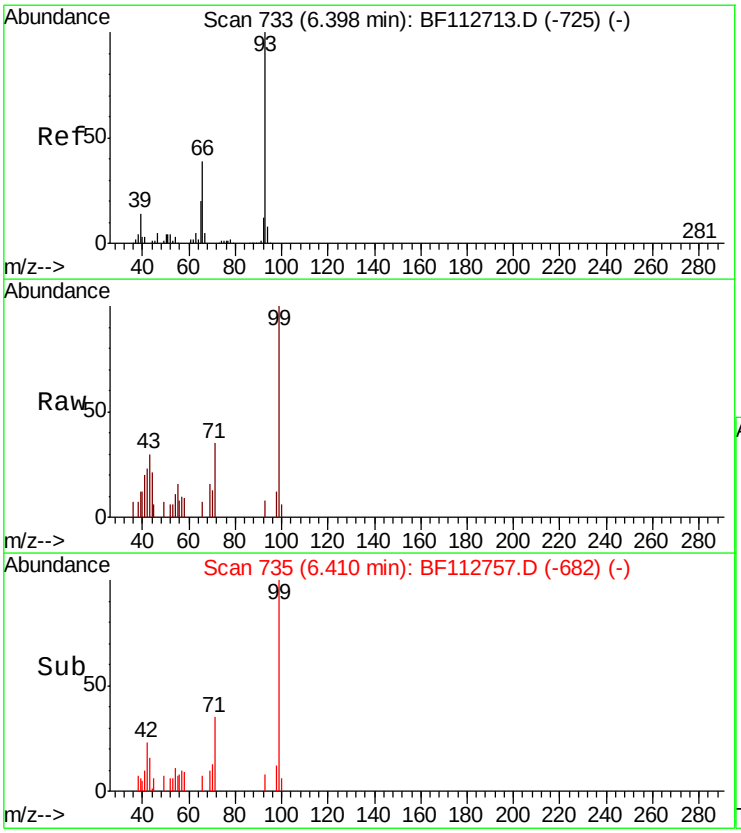
#5
2-Fluorophenol
Concen: 94.211 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:112 Resp: 1039811

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.6	71.4
63	30.4	24.4	36.6

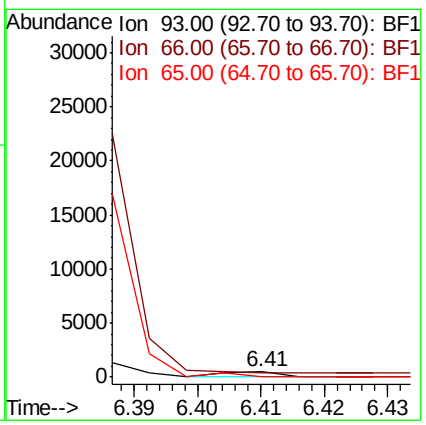


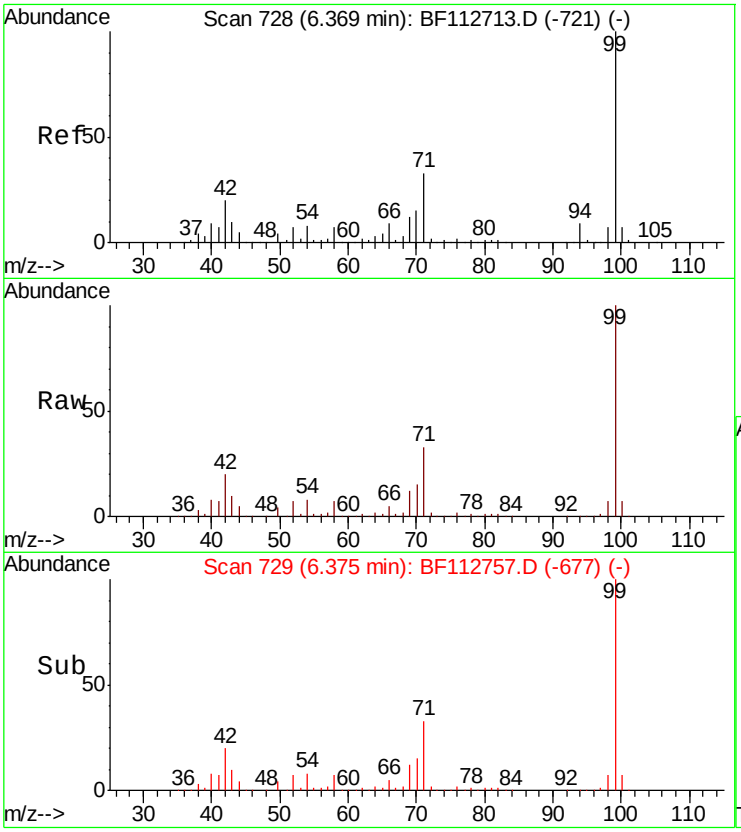


#6
Aniline
Concen: 0.017 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 93 Resp: 316

Ion	Ratio	Lower	Upper
93	100		
66	89.8	32.2	48.2#
65	0.0	16.2	24.4#



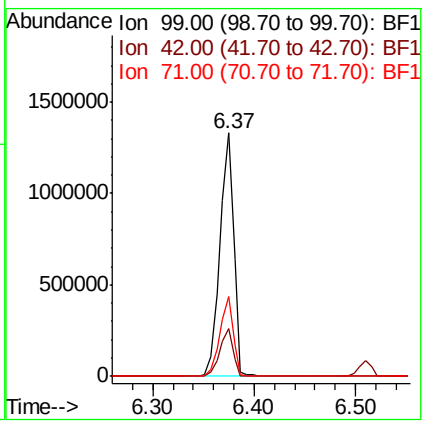


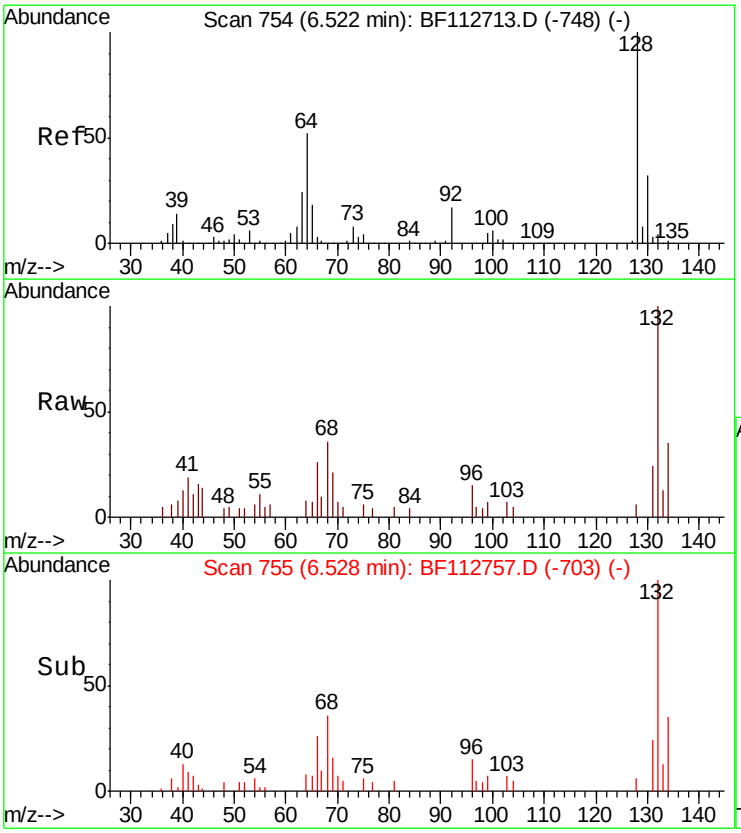
#7
Phenol-d6
Concen: 91.018 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 99 Resp: 1261916

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	32.9	26.2	39.4

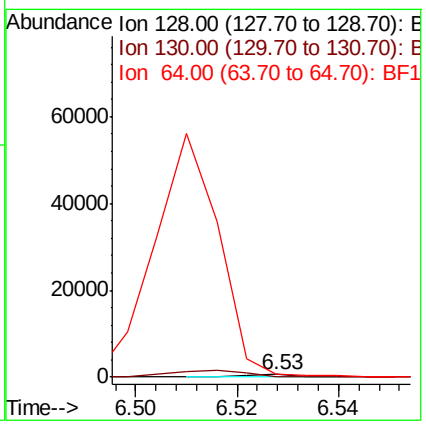


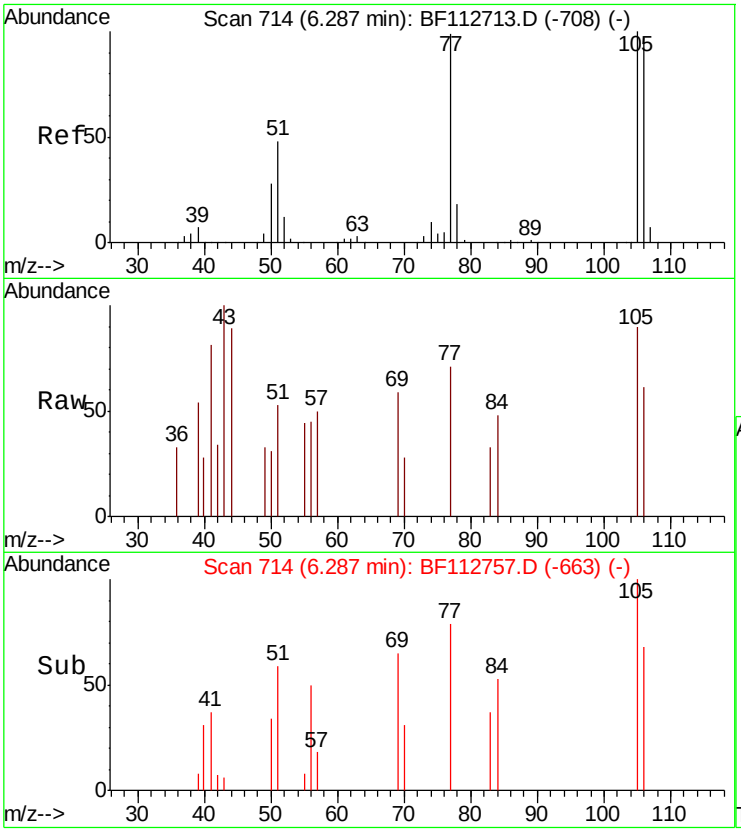


#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:128 Resp: 326

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.4	52.4#
64	118.6	32.2	72.2#



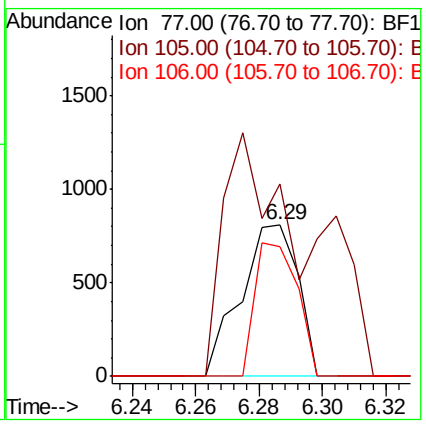


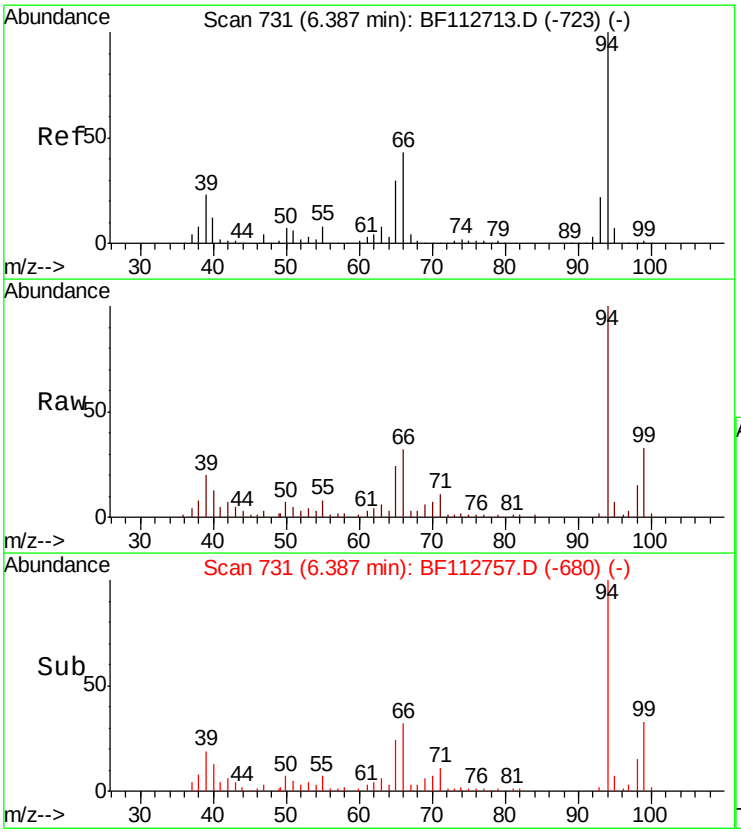
#9
Benzaldehyde
Concen: 0.101 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 77 Resp: 1013

Ion	Ratio	Lower	Upper
77	100		
105	126.6	81.4	121.4#
106	85.5	78.3	118.3

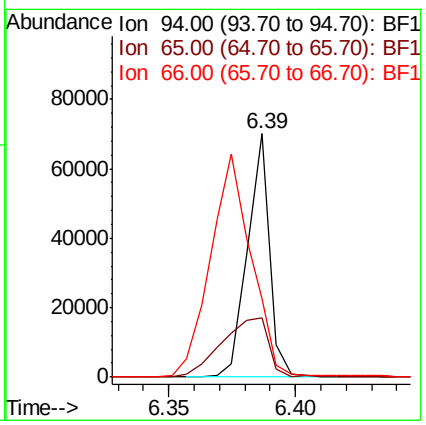


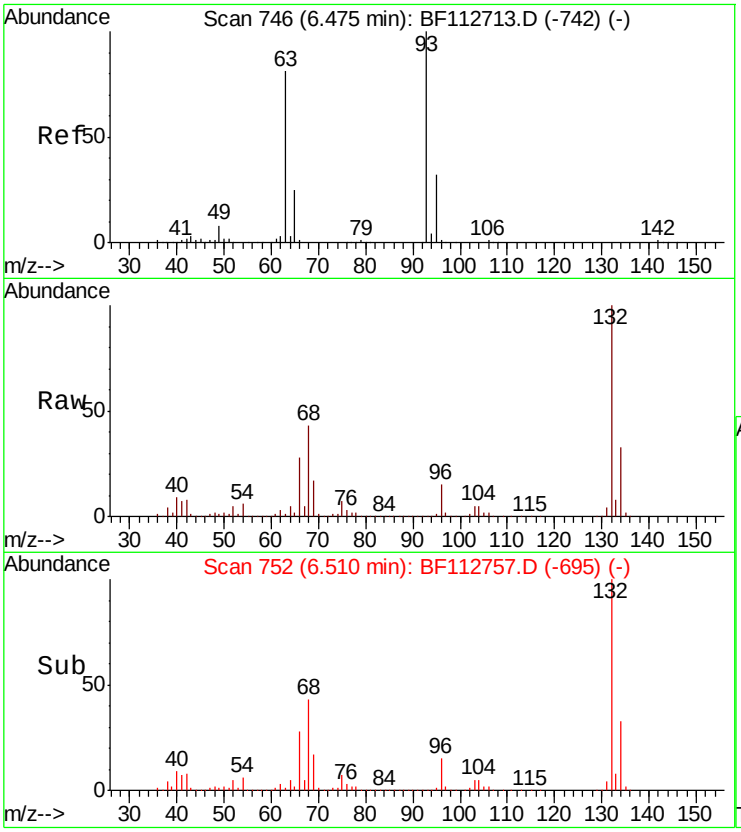


#10
Phenol
Concen: 2.624 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 94 Resp: 42446

Ion	Ratio	Lower	Upper
94	100		
65	24.2	10.5	50.5
66	32.1	22.6	62.6



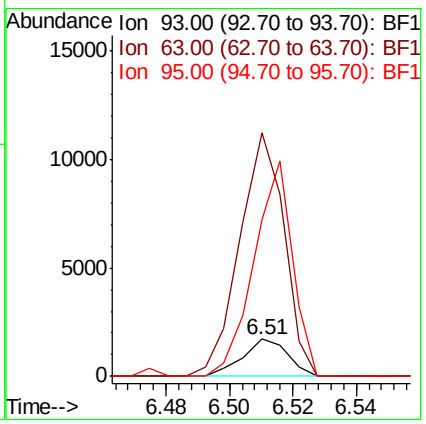


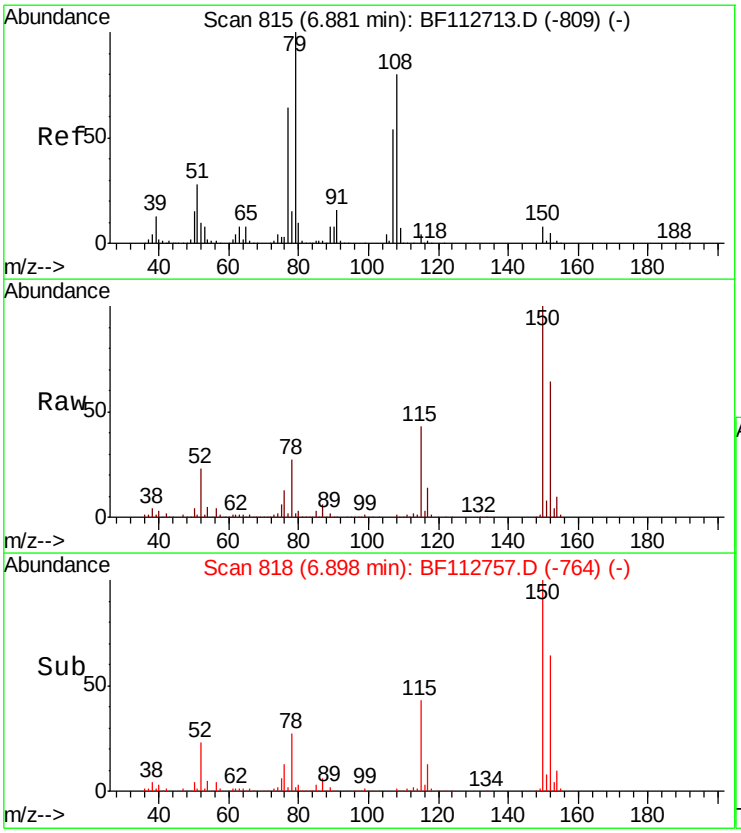
#11
bis(2-Chloroethyl)ether
Concen: 0.135 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 93 Resp: 1678

Ion	Ratio	Lower	Upper
93	100		
63	658.9	60.5	100.5#
95	423.2	12.1	52.1#

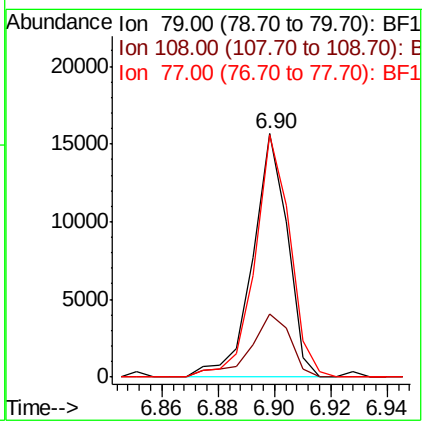


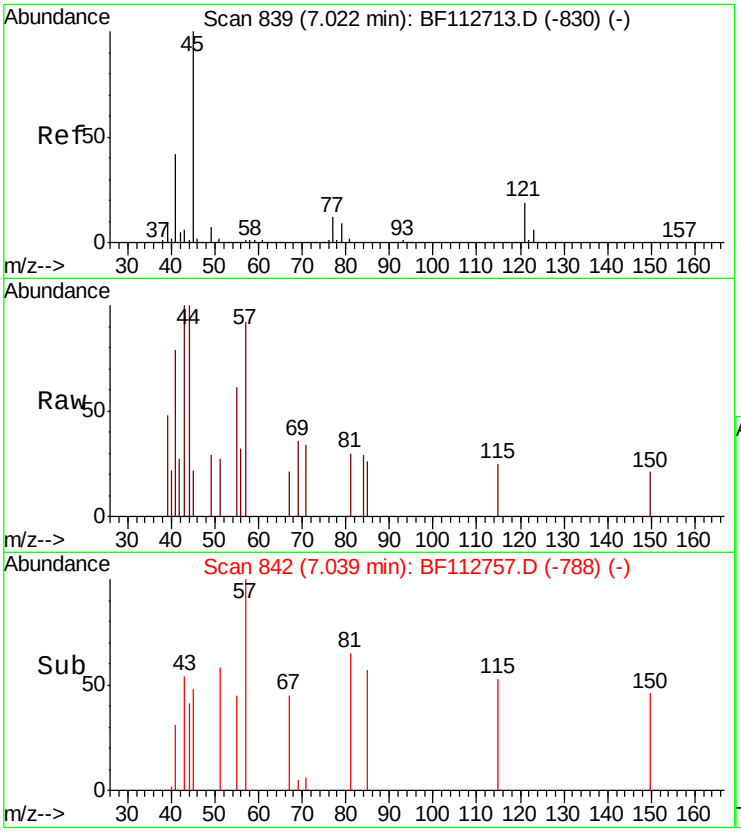


#15
Benzyl Alcohol
Concen: 1.264 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 79 Resp: 13366

Ion	Ratio	Lower	Upper
79	100		
108	26.2	64.2	96.4#
77	99.4	51.1	76.7#



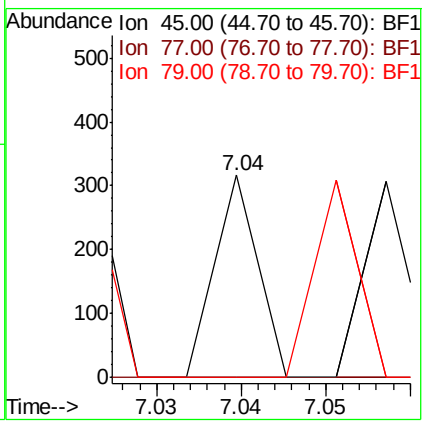


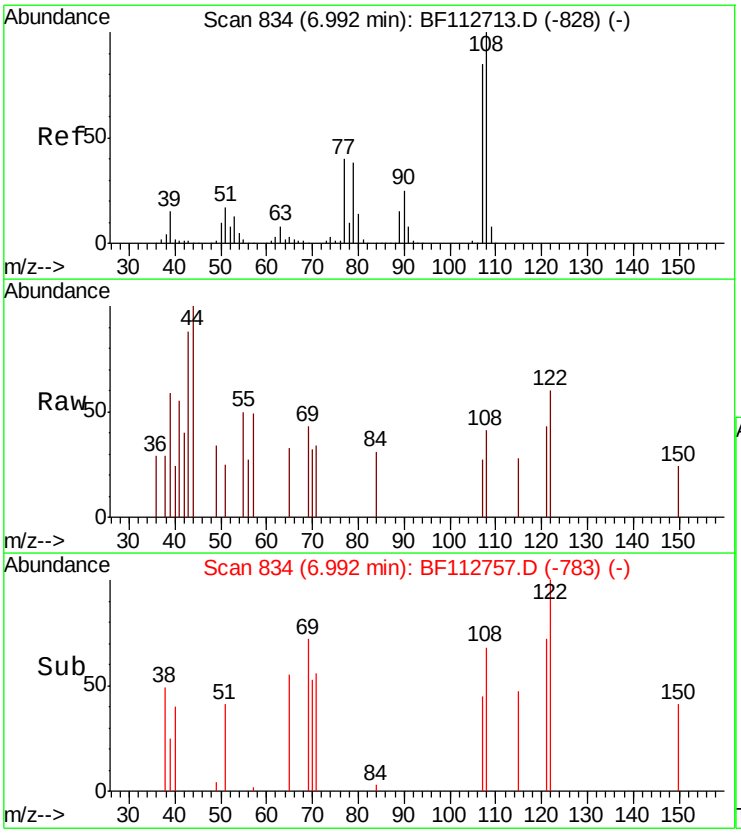
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 45 Resp: 112

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.1
79	0.0	0.0	29.4

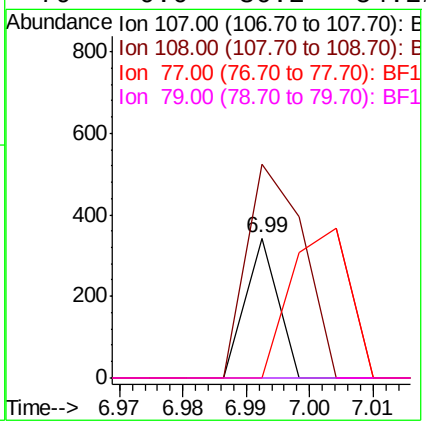


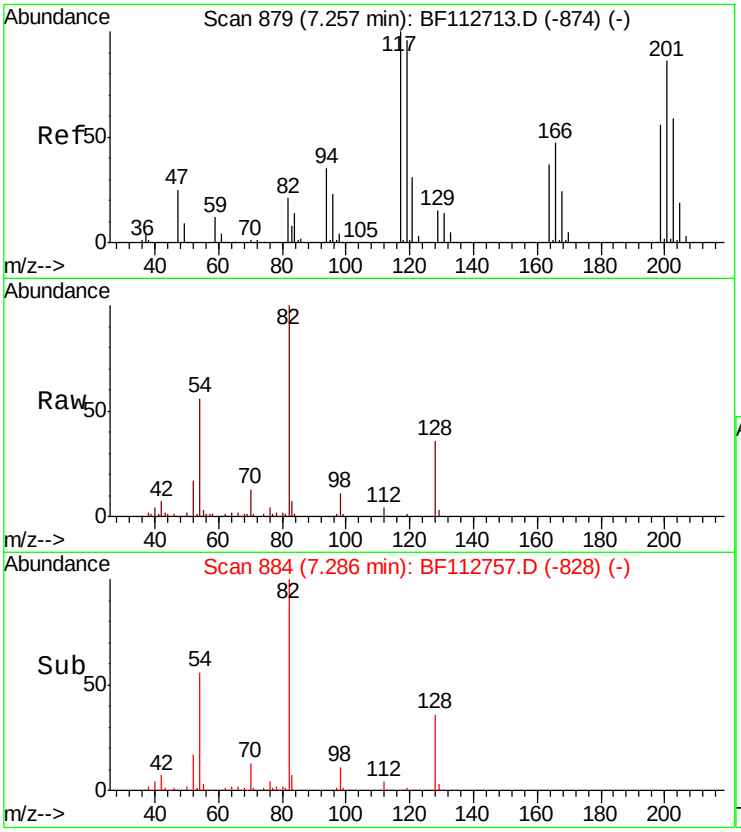


#17
2-Methylphenol
Concen: 0.012 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:107 Resp: 121

Ion	Ratio	Lower	Upper
107	100		
108	153.2	94.6	142.0#
77	0.0	37.8	56.8#
79	0.0	36.2	54.2#



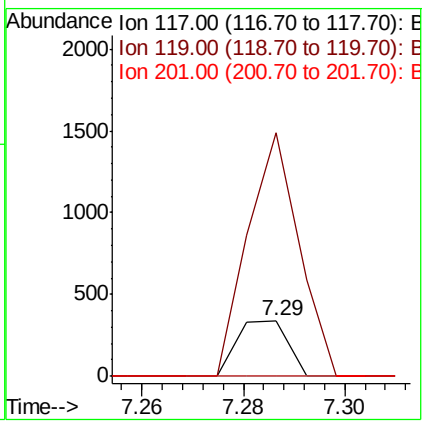


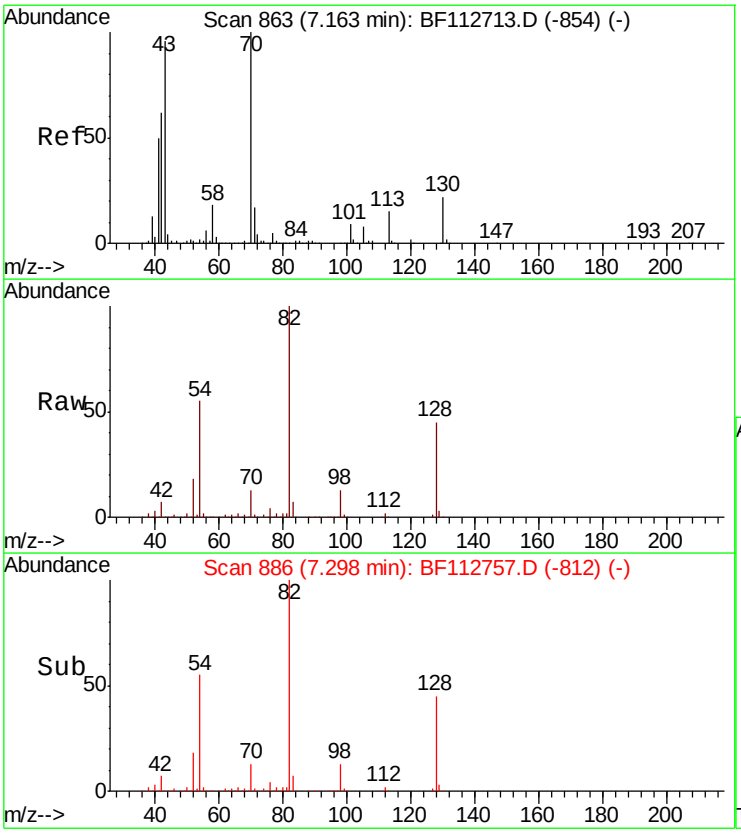
#18
Hexachloroethane
Concen: 0.048 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.03 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:117 Resp: 236

Ion	Ratio	Lower	Upper
117	100		
119	438.9	76.6	115.0#
201	0.0	68.9	103.3#

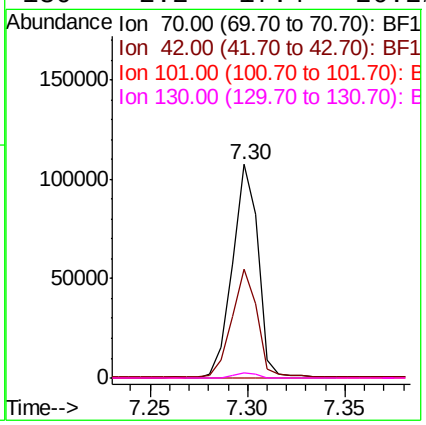


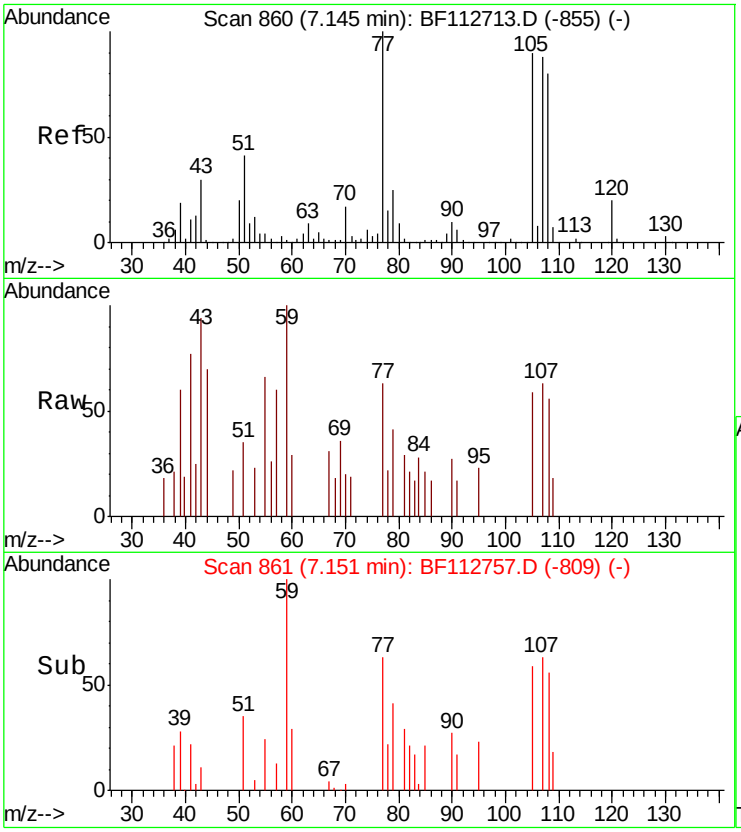


#19
n-Nitroso-di-n-propylamine
Concen: 11.296 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 70 Resp: 99190

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.9	74.9
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



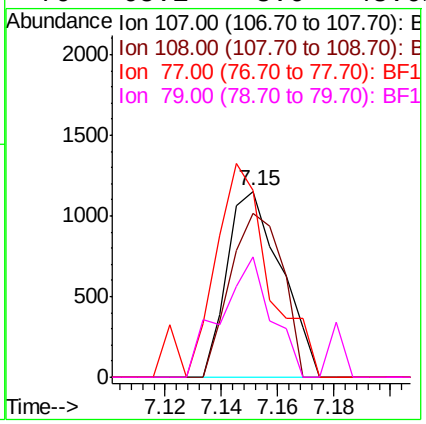


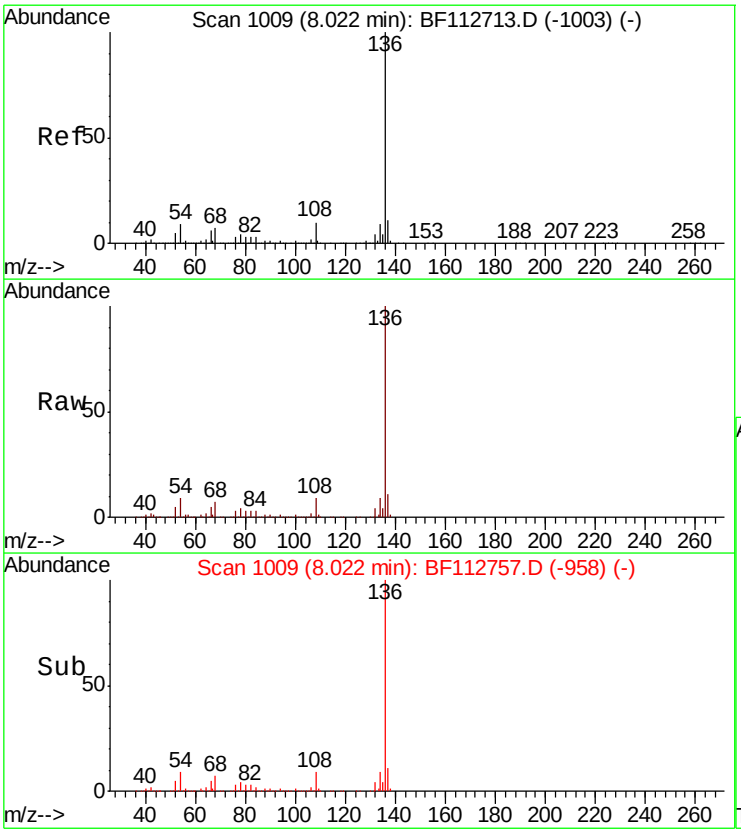
#20
3+4-Methylphenols
Concen: 0.136 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:107 Resp: 1532

Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.4	111.4
77	100.3	94.1	134.1
79	65.1	8.6	48.6#

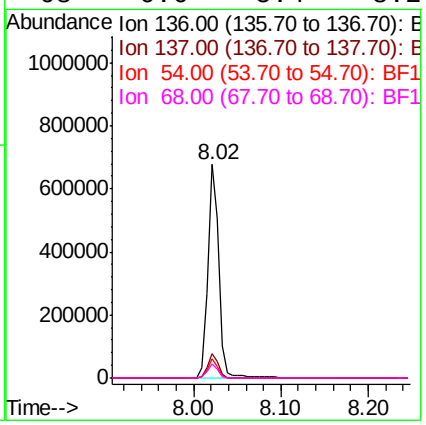


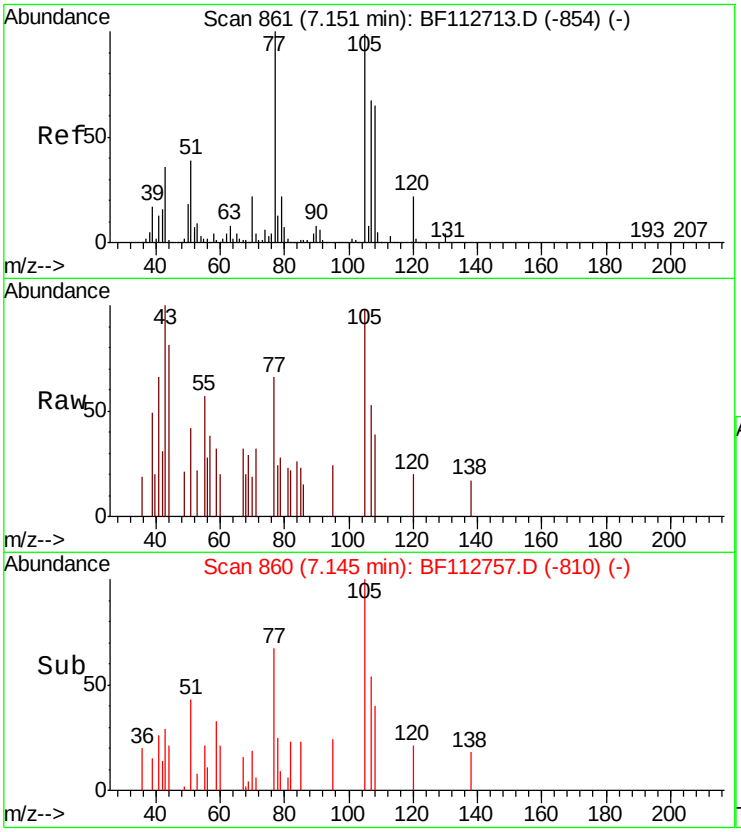


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:136 Resp: 585602

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	7.3	10.9
68	6.6	5.4	8.2



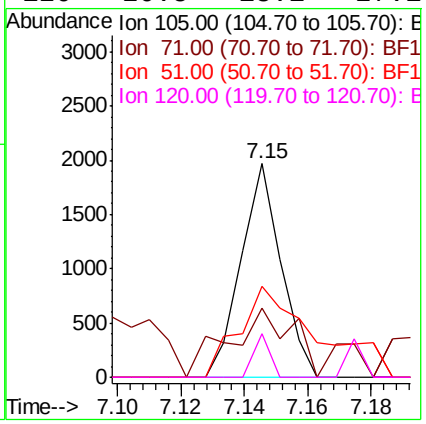


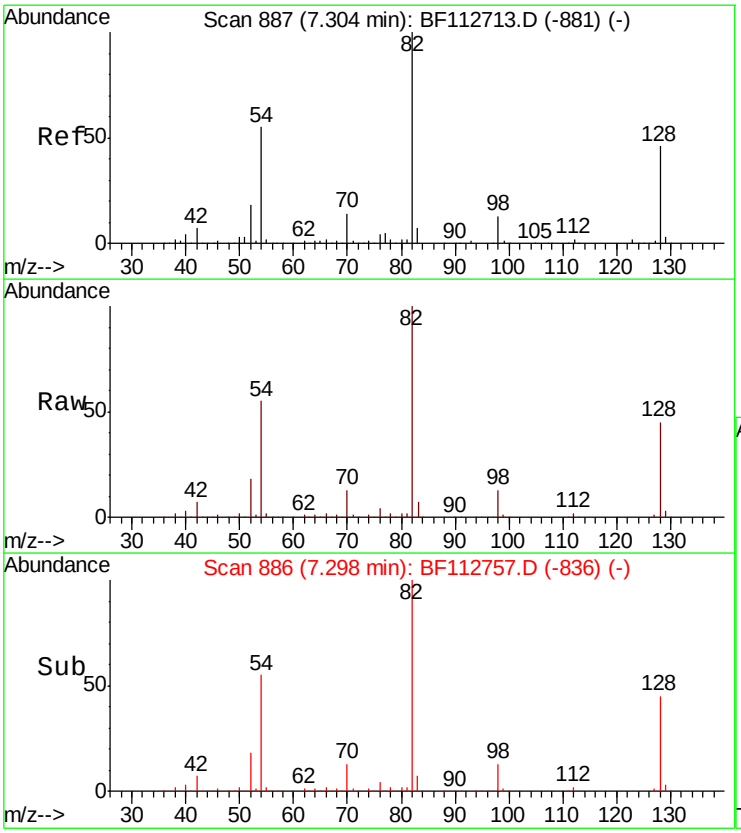
#22
Acetophenone
Concen: 0.126 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:105 Resp: 1721

Ion	Ratio	Lower	Upper
105	100		
71	32.6	3.0	4.4#
51	42.6	31.5	47.3
120	20.5	18.1	27.1

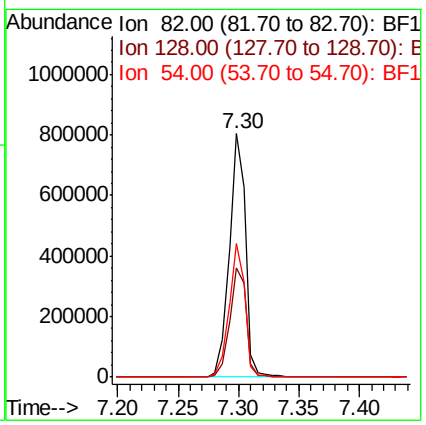


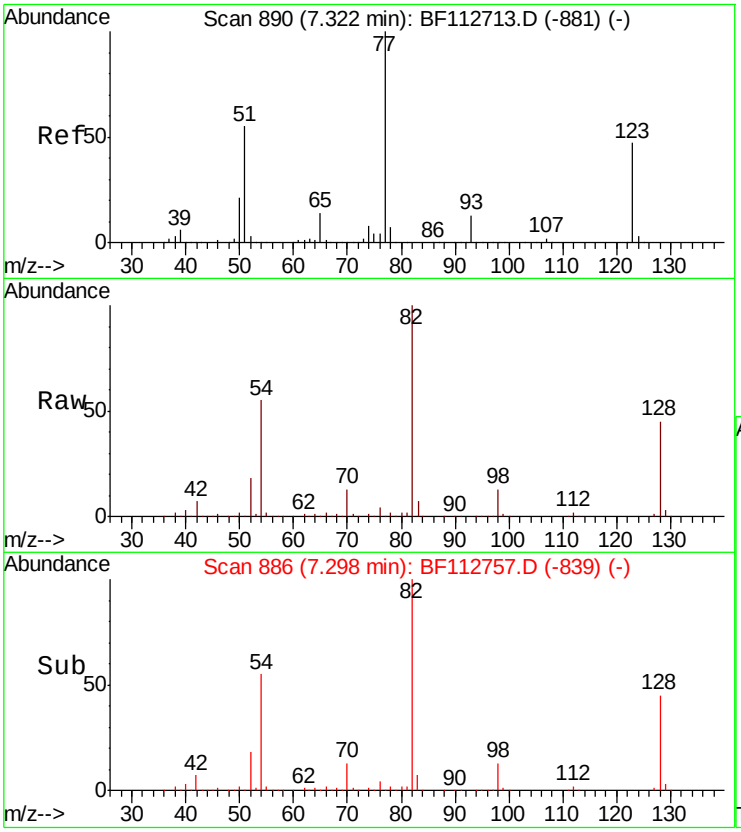


#23
Nitrobenzene-d5
Concen: 76.659 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 82 Resp: 750218

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	55.1	43.7	65.5



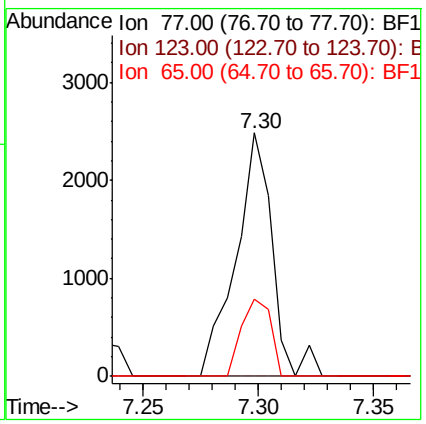


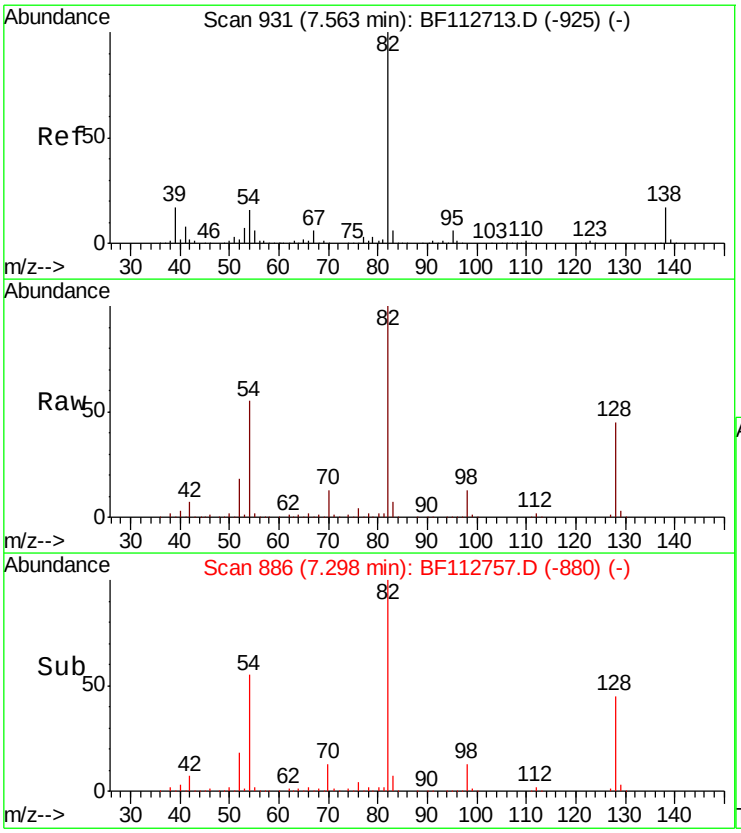
#24
Nitrobenzene
Concen: 0.251 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 77 Resp: 2734

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	31.6	11.1	16.7#

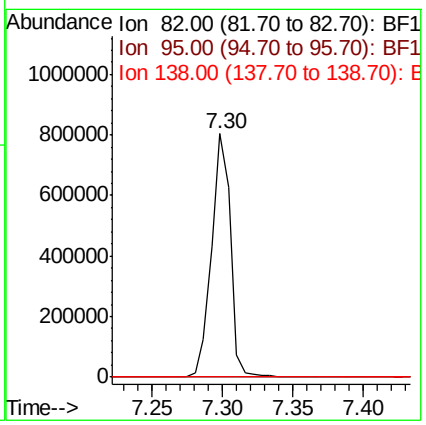


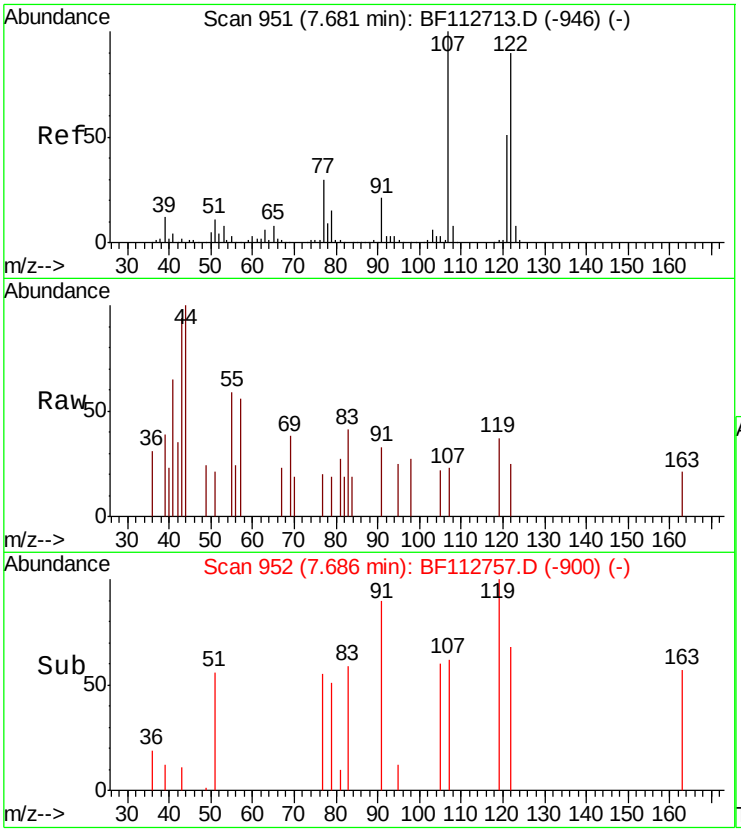


#25
Isophorone
Concen: 35.343 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 82 Resp: 745161

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



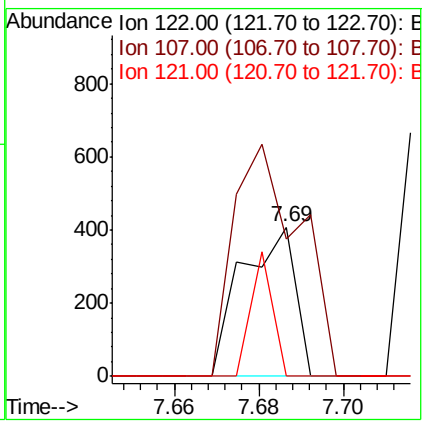


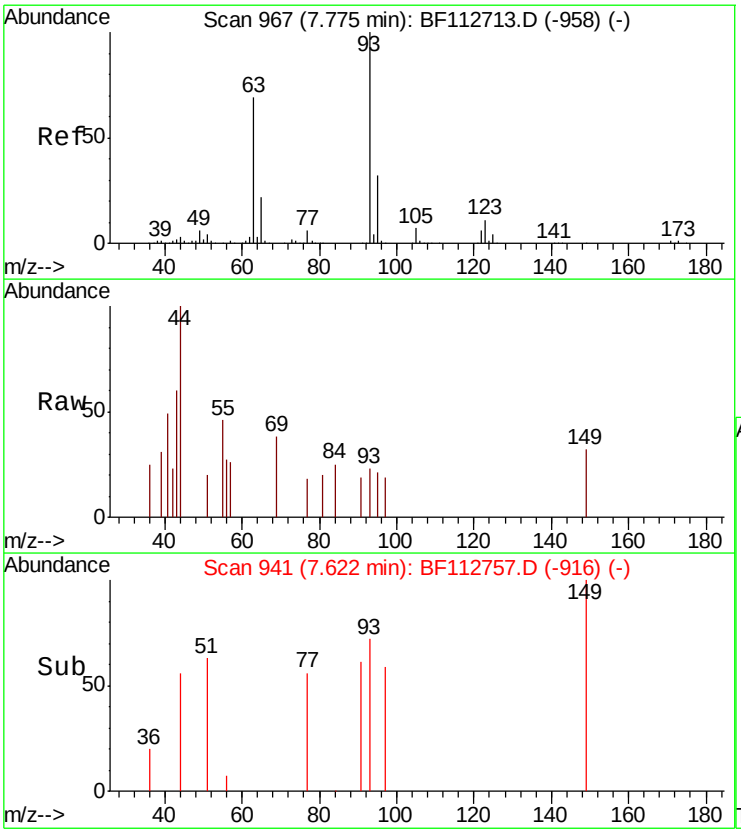
#27
2,4-Dimethylphenol
Concen: 0.043 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:122 Resp: 361

Ion	Ratio	Lower	Upper
122	100		
107	91.7	89.4	134.0
121	0.0	45.5	68.3#

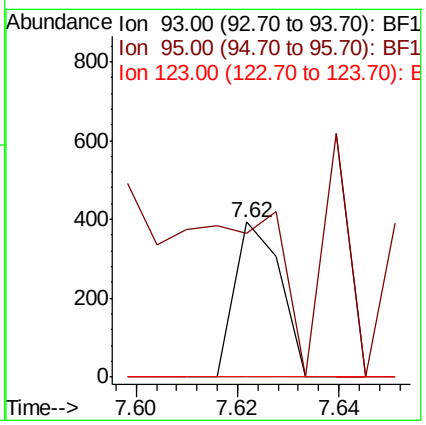


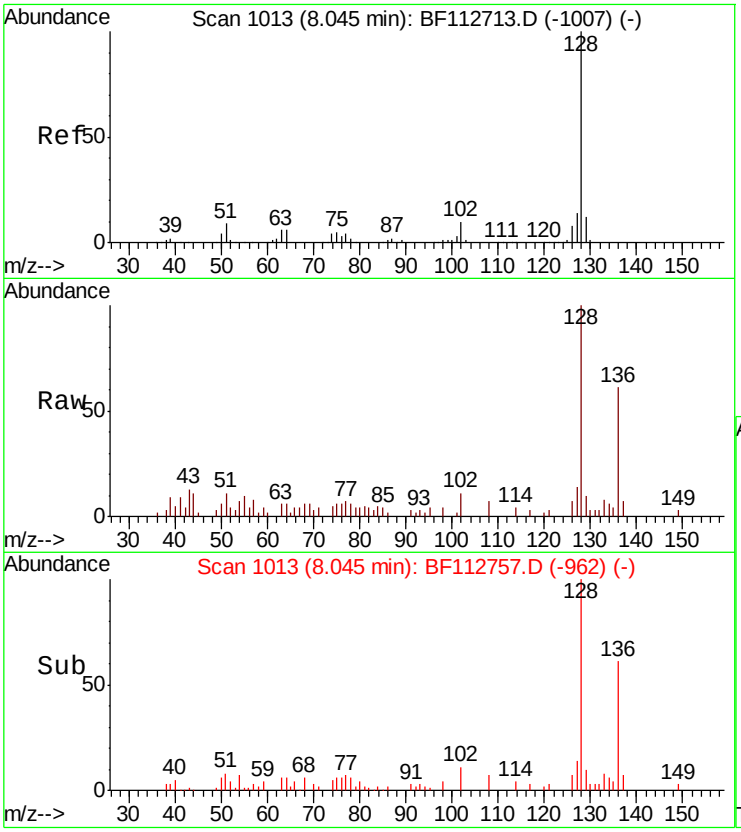


#28
bis(2-Chloroethoxy)methane
Concen: 0.019 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.15 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 93 Resp: 246

Ion	Ratio	Lower	Upper
93	100		
95	92.4	26.0	39.0#
123	0.0	9.3	13.9#



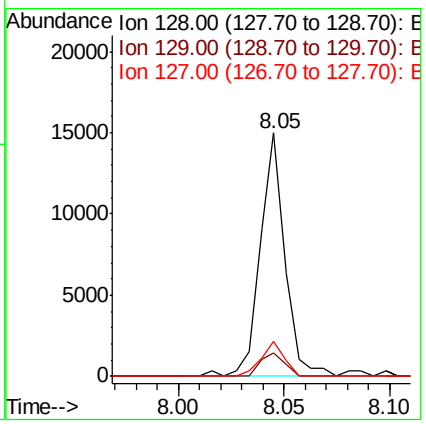


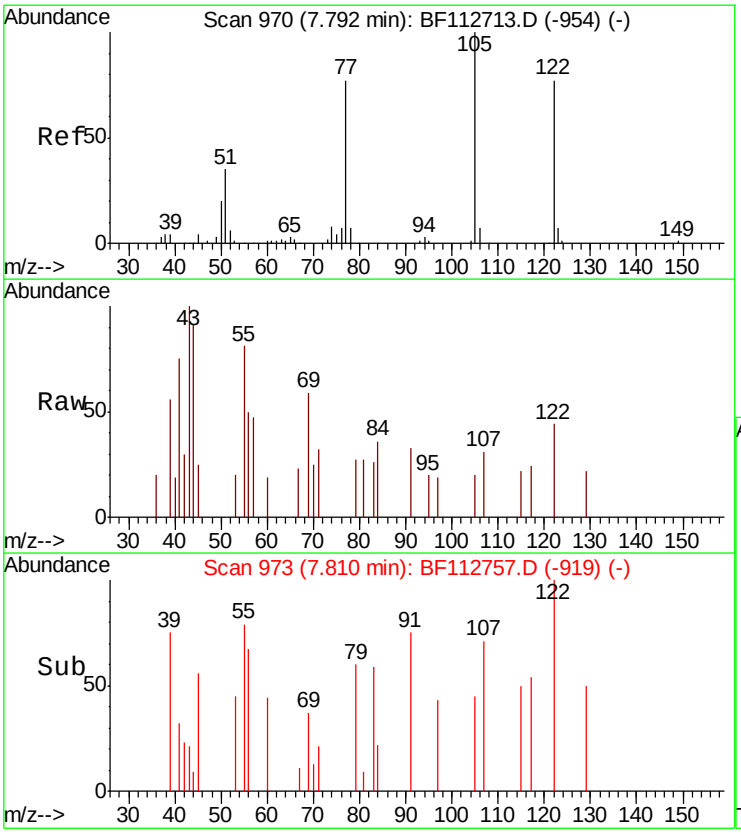
#31
Naphthalene
Concen: 0.421 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:128 Resp: 12232

Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.3	13.9
127	14.2	10.9	16.3

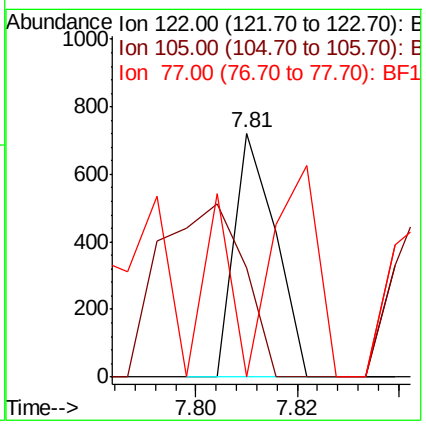


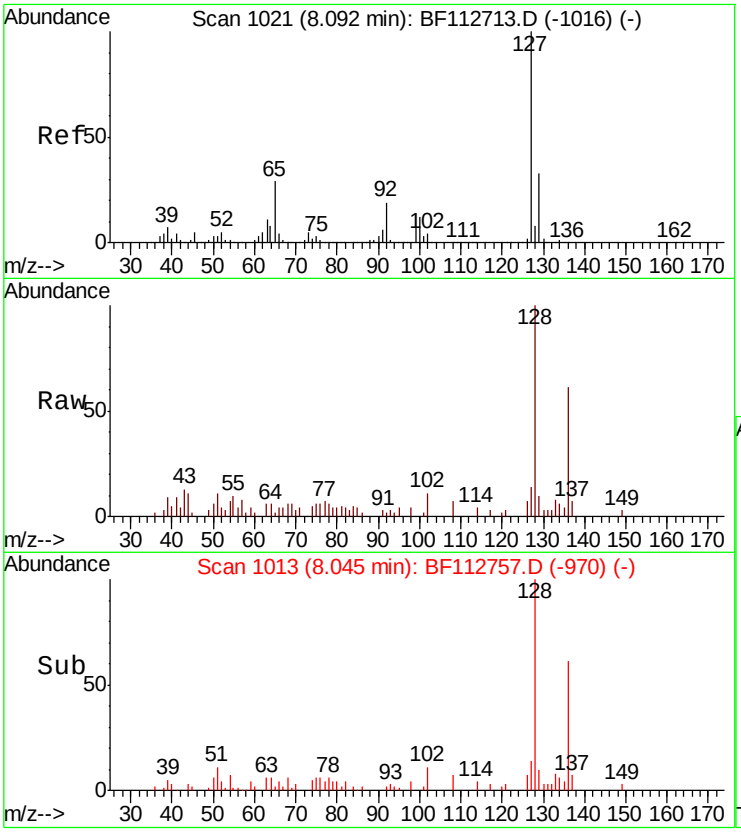


#32
Benzoic acid
Concen: 0.069 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:122 Resp: 407

Ion	Ratio	Lower	Upper
122	100		
105	44.9	106.8	146.8#
77	0.0	79.4	119.4#



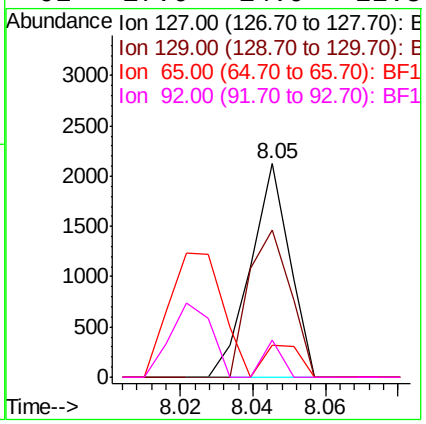


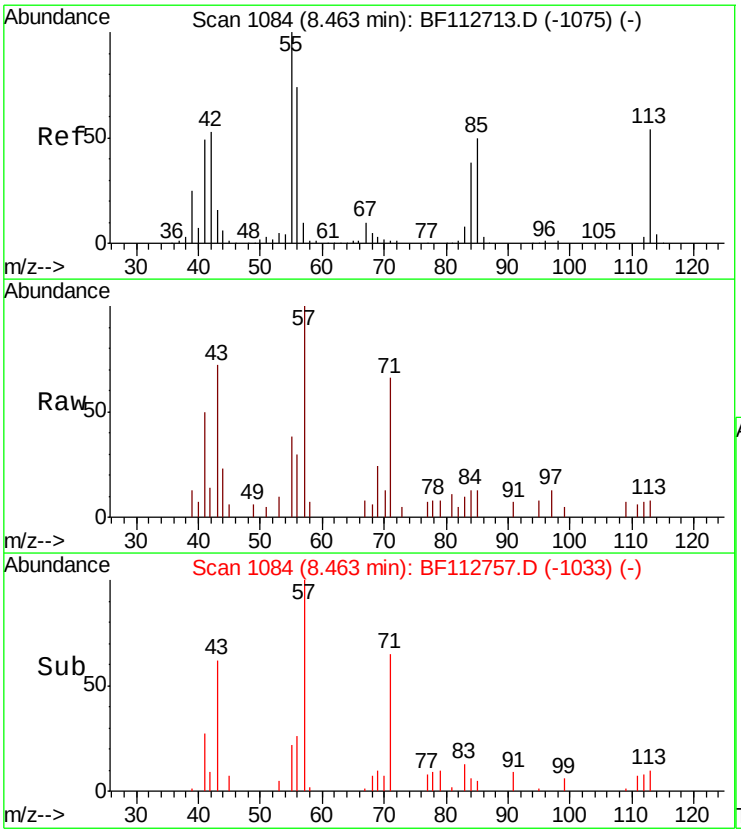
#33
4-Chloroaniline
Concen: 0.129 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:127 Resp: 1588

Ion	Ratio	Lower	Upper
127	100		
129	68.8	26.4	39.6#
65	15.2	23.1	34.7#
92	17.6	14.9	22.3

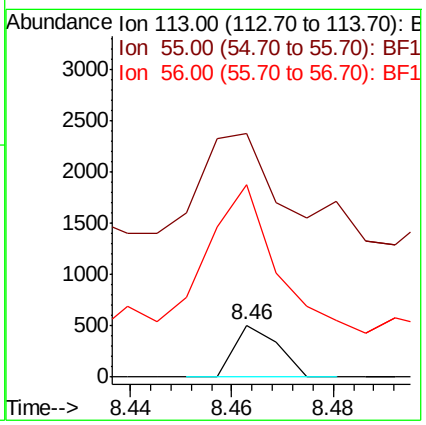


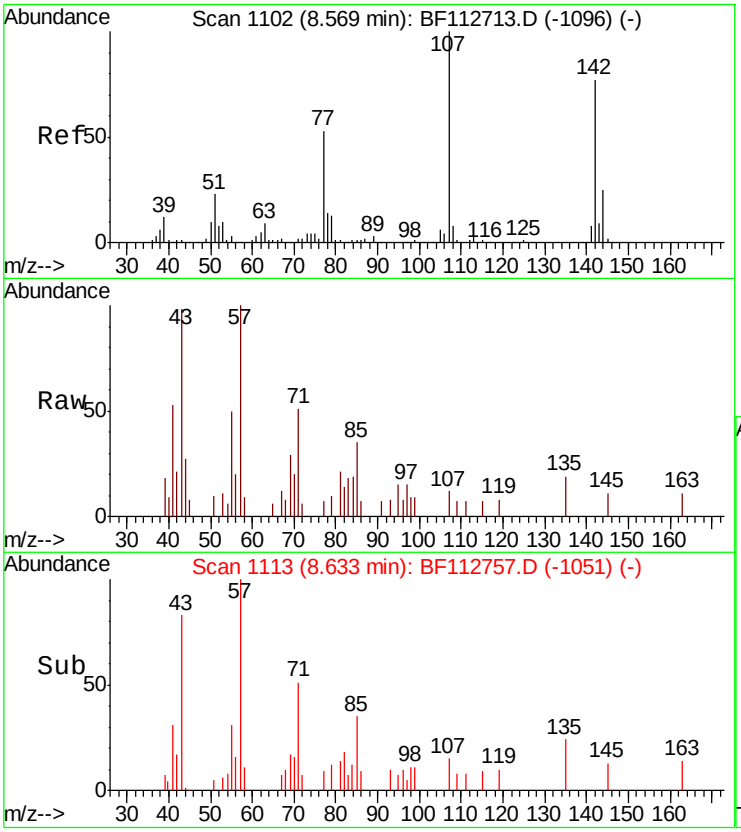


#35
Caprolactam
Concen: 0.104 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:113 Resp: 301

Ion	Ratio	Lower	Upper
113	100		
55	469.0	163.5	203.5#
56	370.2	115.3	155.3#



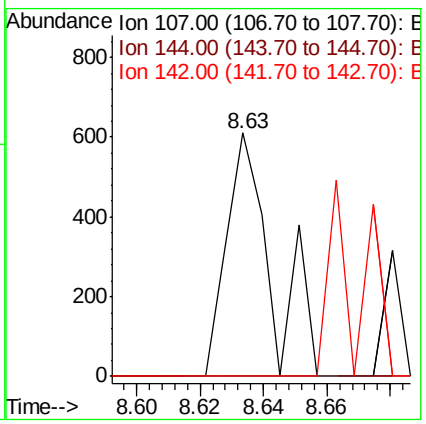


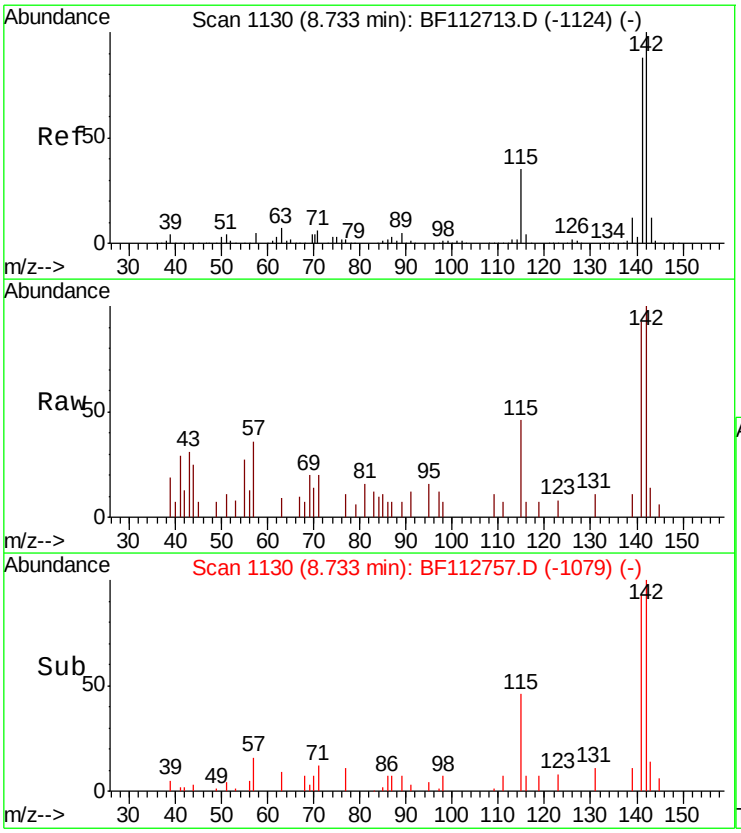
#36
4-Chloro-3-methylphenol
Concen: 0.066 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.06 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:107 Resp: 598

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

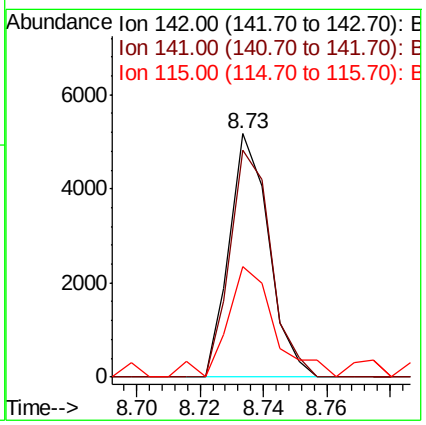


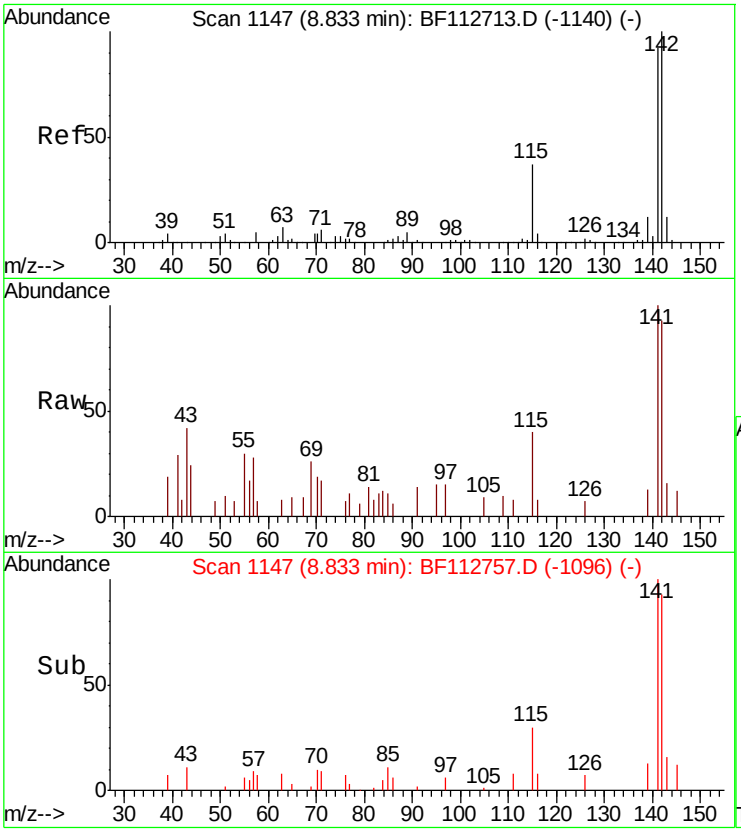


#37
2-Methylnaphthalene
Concen: 0.237 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:142 Resp: 4458

Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.3	105.5
115	45.6	27.8	41.6#



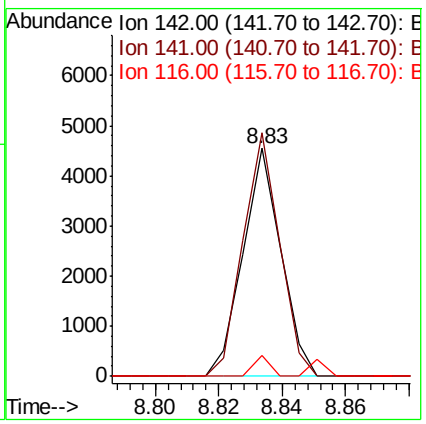


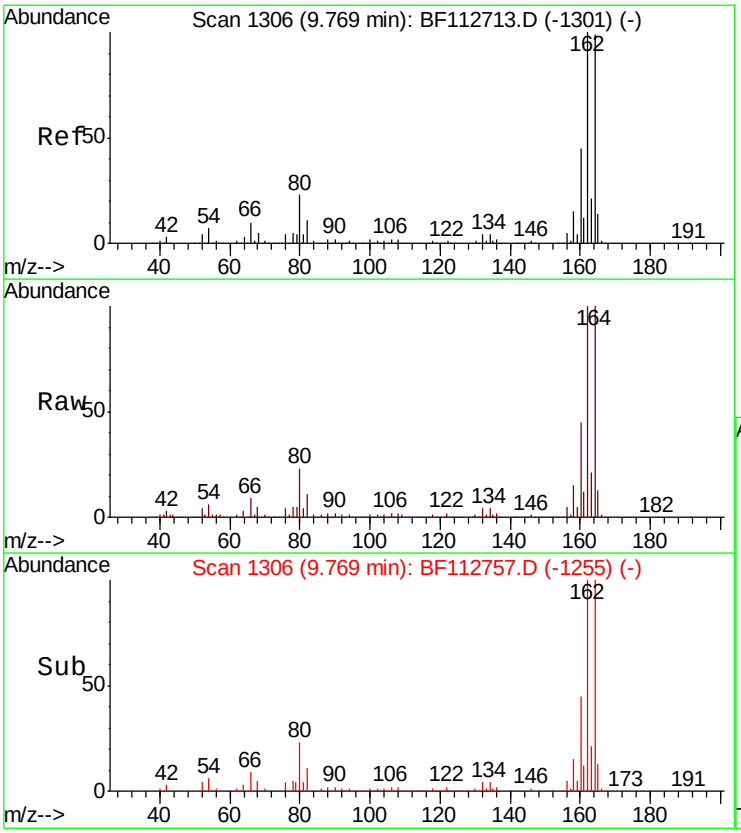
#38
1-Methylnaphthalene
Concen: 0.209 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:142 Resp: 3800

Ion	Ratio	Lower	Upper
142	100		
141	107.0	73.7	110.5
116	9.0	3.1	4.7#

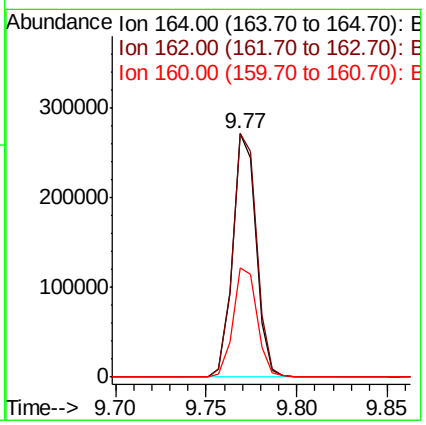


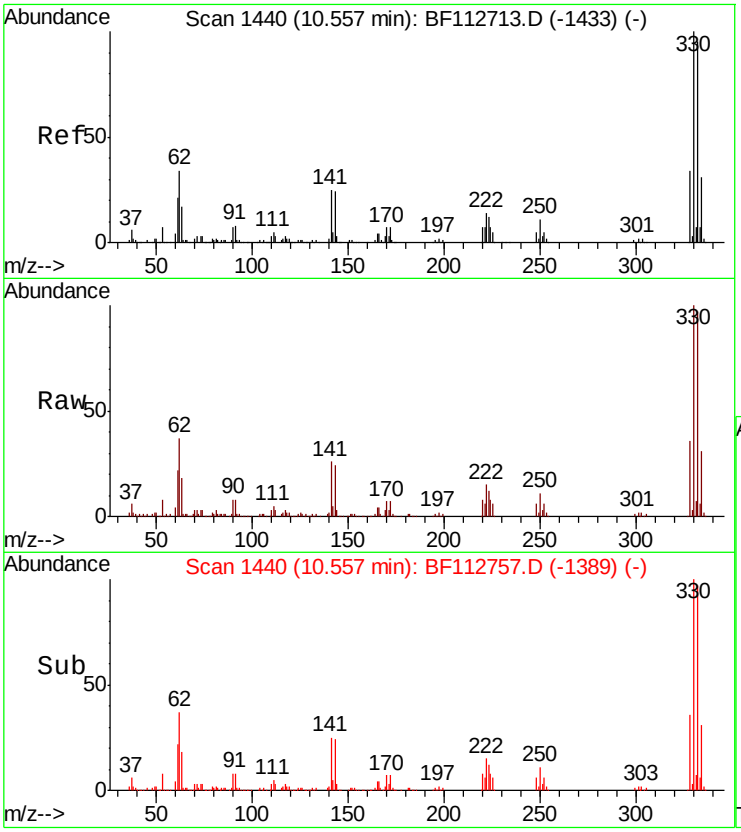


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:164 Resp: 243309

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	45.1	36.0	54.0



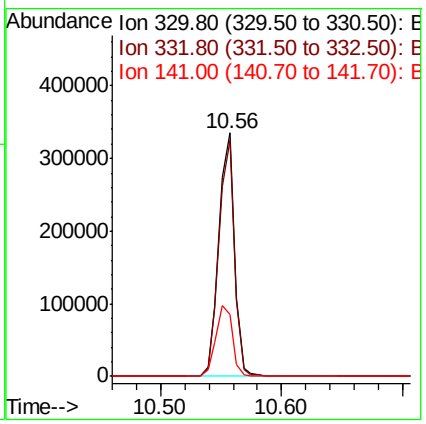


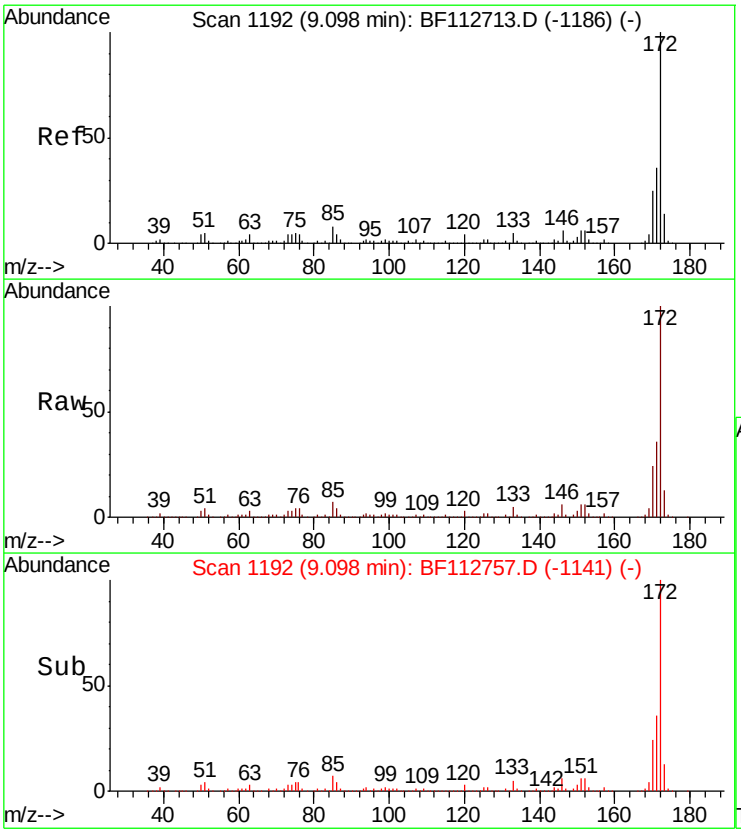
#42
2,4,6-Tribromophenol
Concen: 116.228 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:330 Resp: 300220

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	30.6	27.0	40.6

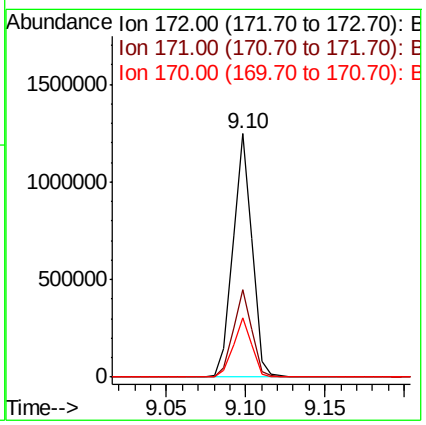


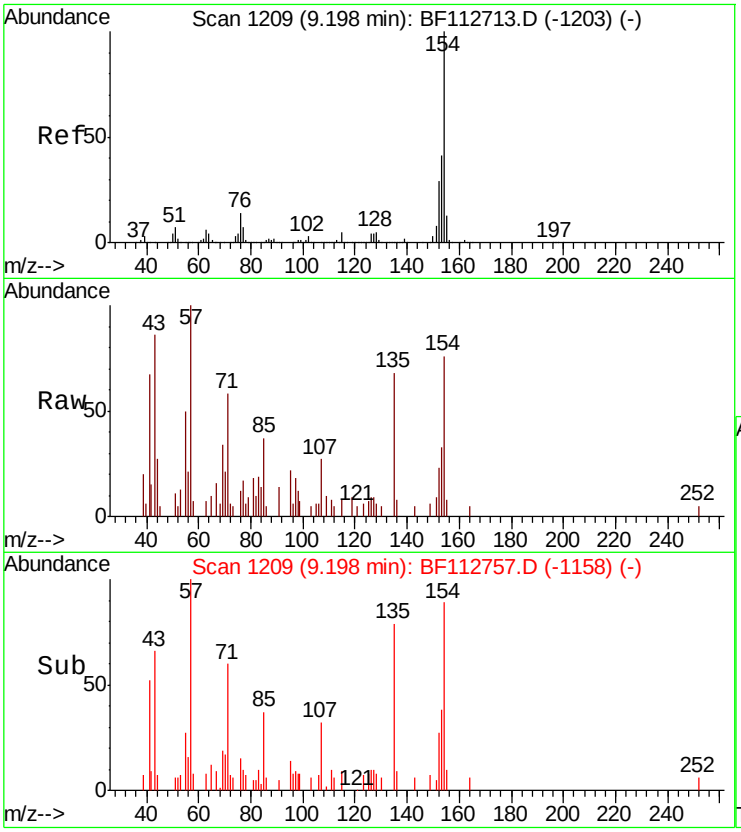


#45
2-Fluorobiphenyl
Concen: 71.491 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:172 Resp: 1043289

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.2	20.0	30.0



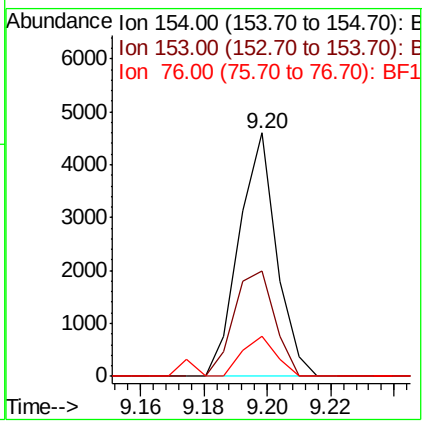


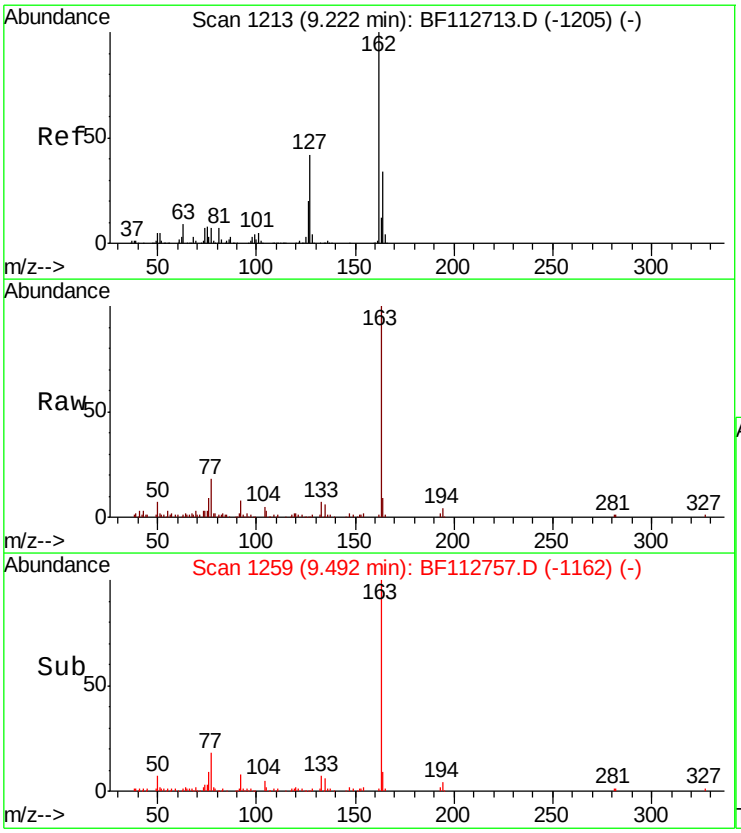
#46
1,1'-Biphenyl
Concen: 0.190 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:154 Resp: 3768

Ion	Ratio	Lower	Upper
154	100		
153	43.0	20.8	60.8
76	16.4	0.0	33.8

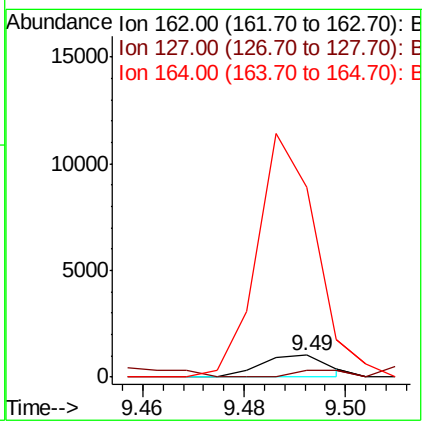


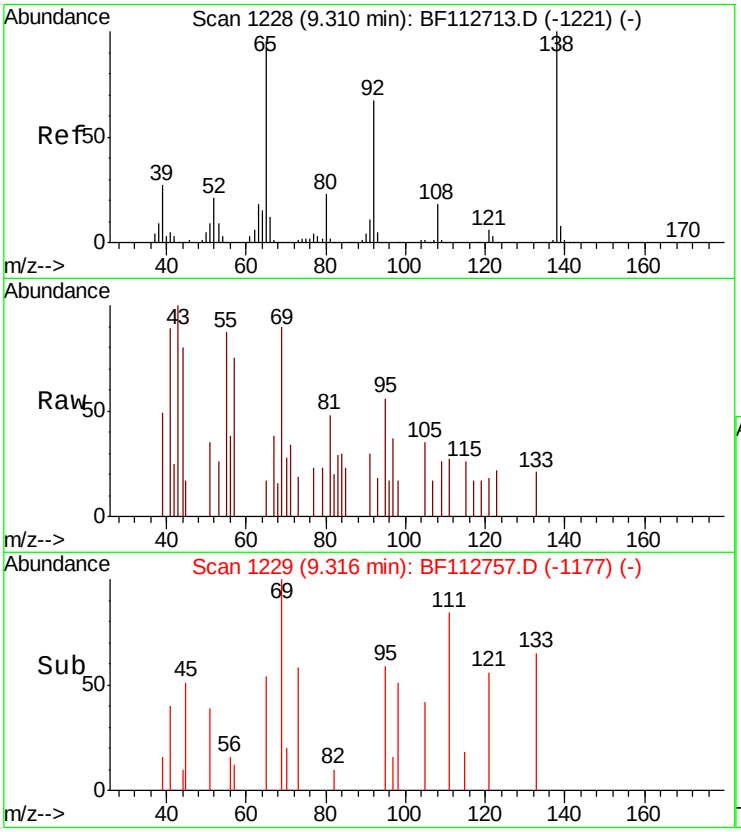


#47
2-Chloronaphthalene
Concen: 0.060 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.27 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:162 Resp: 936

Ion	Ratio	Lower	Upper
162	100		
127	32.5	33.4	50.2#
164	869.1	26.9	40.3#



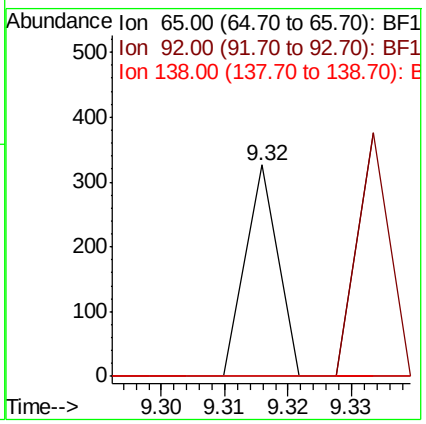


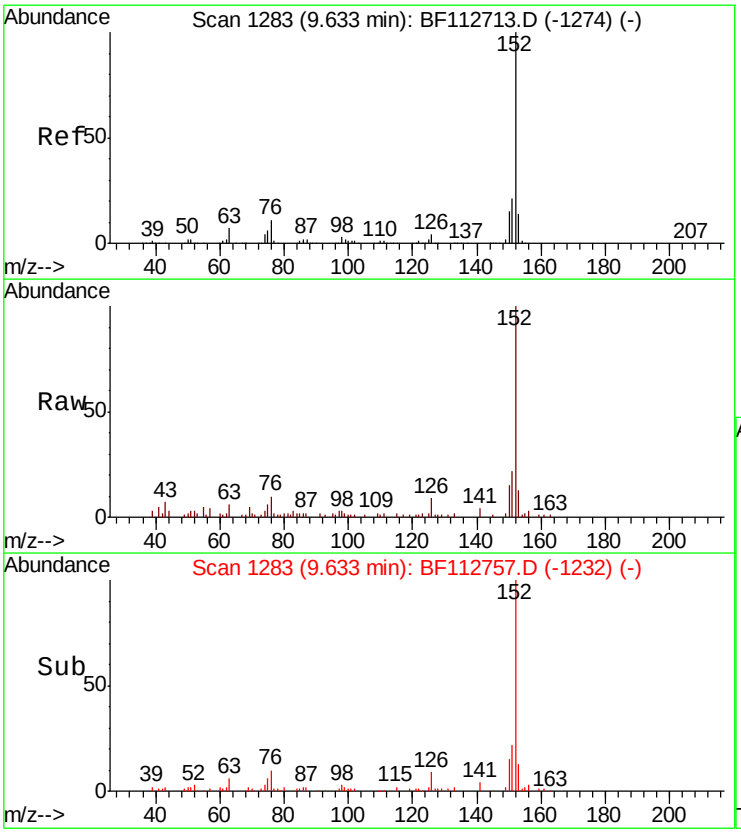
#48
2-Nitroaniline
Concen: 0.024 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion: 65 Resp: 115

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

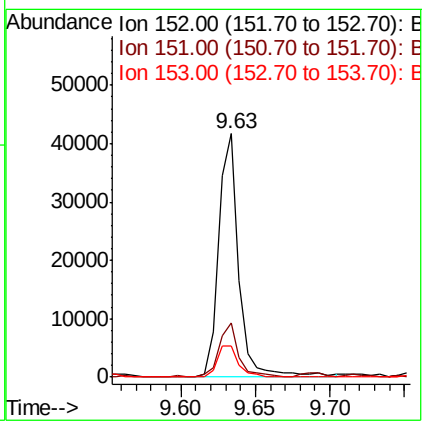


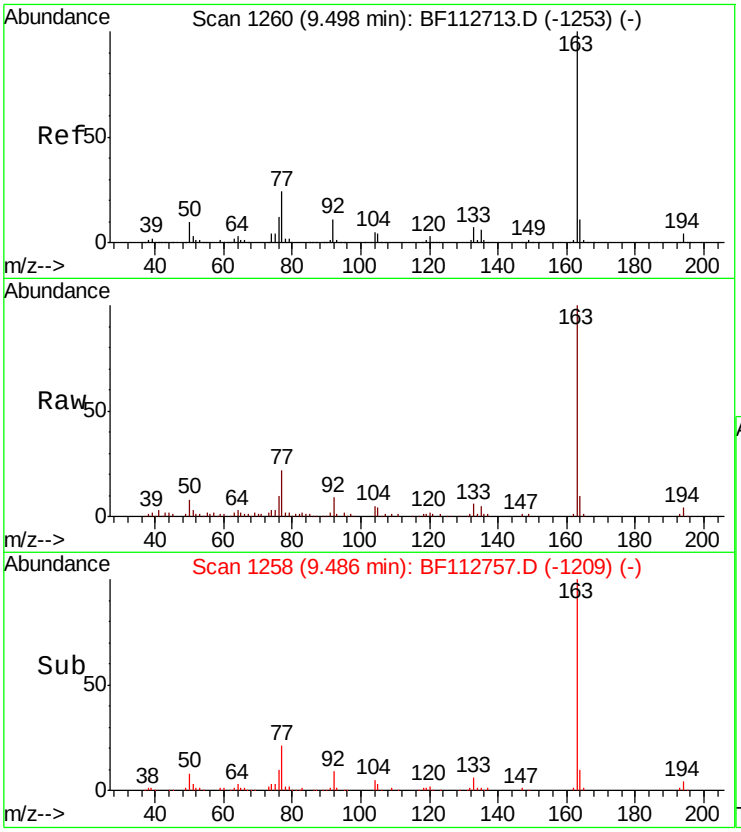


#49
Acenaphthylene
Concen: 1.513 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:152 Resp: 39796

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.9	25.3
153	12.8	11.0	16.6



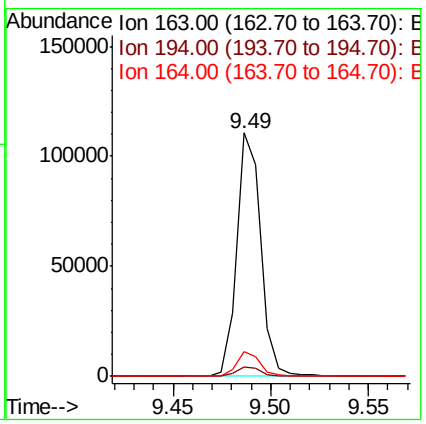


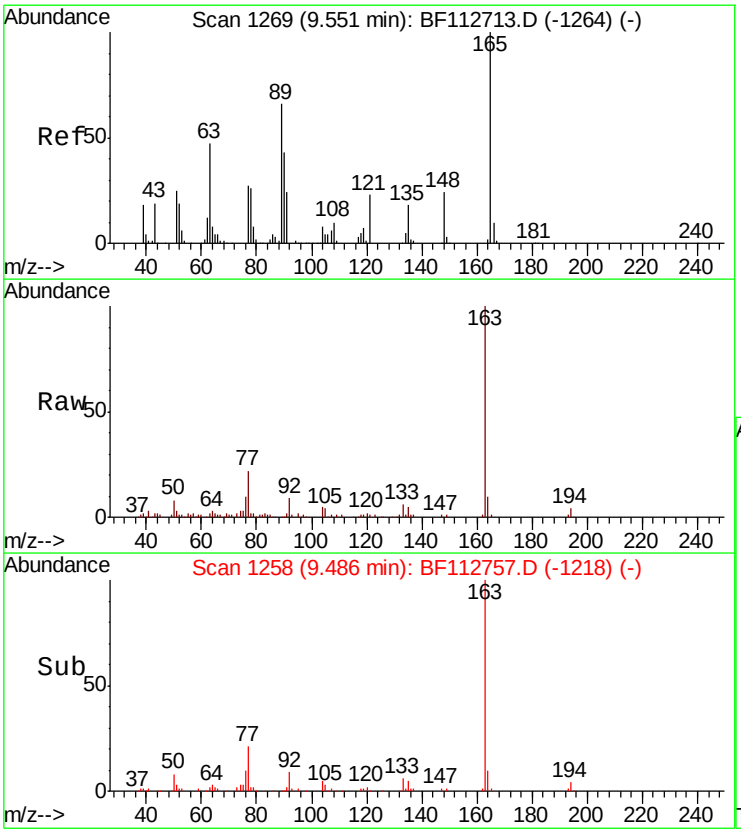
#50
Dimethylphthalate
Concen: 5.226 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:163 Resp: 93758

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.3	8.4	12.6

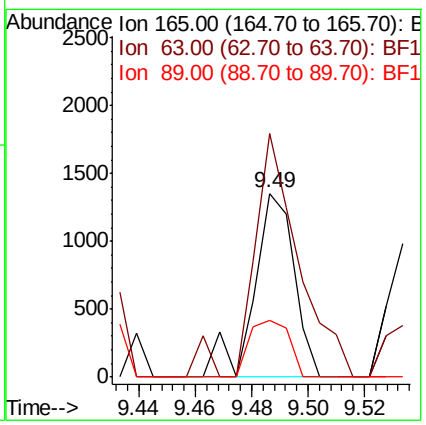


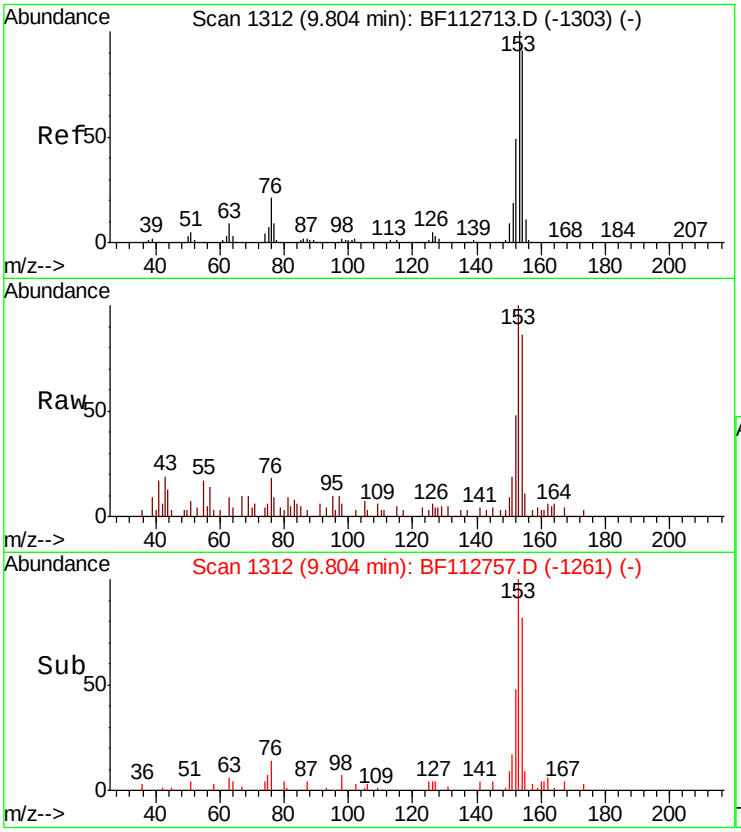


#51
2,6-Dinitrotoluene
Concen: 0.360 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.06 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:165 Resp: 1346

Ion	Ratio	Lower	Upper
165	100		
63	132.3	54.1	81.1#
89	31.1	52.8	79.2#



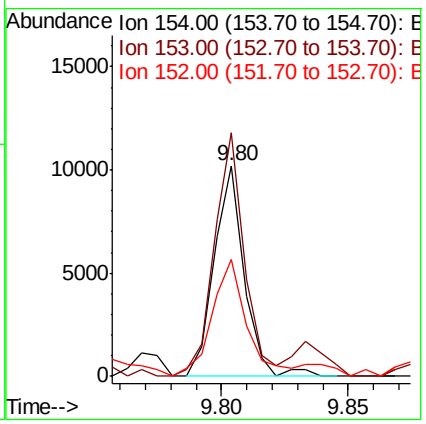


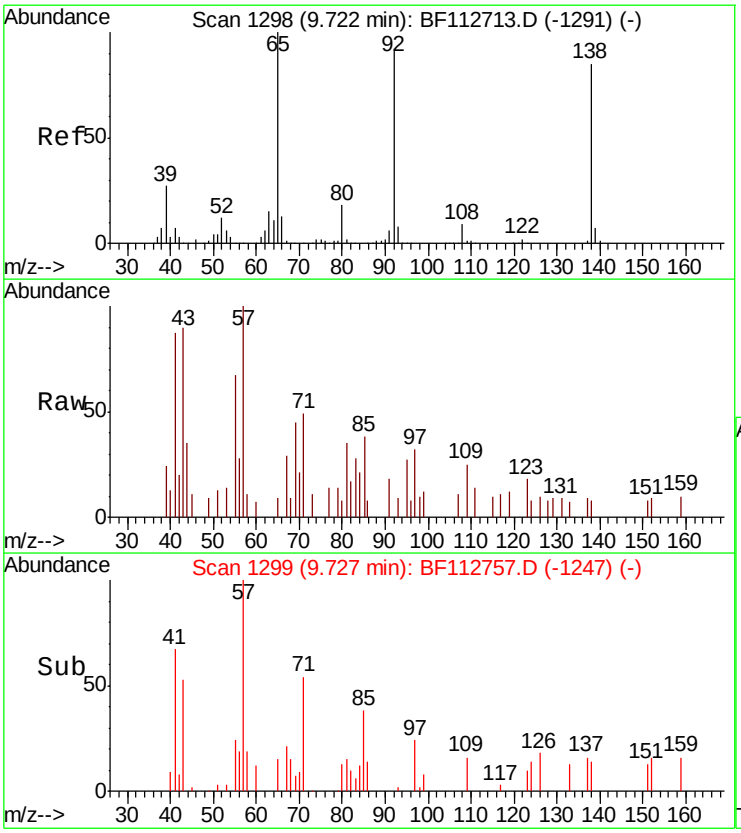
#52
Acenaphthene
Concen: 0.547 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:154 Resp: 8410

Ion	Ratio	Lower	Upper
154	100		
153	115.7	87.8	131.8
152	55.6	43.0	64.6

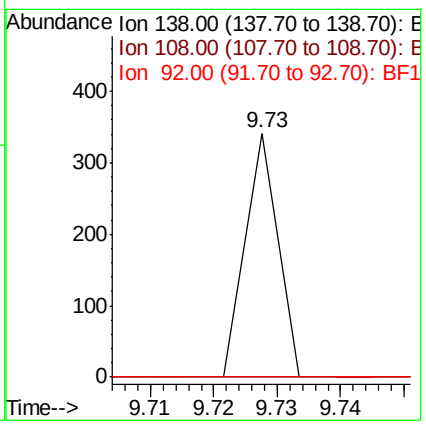


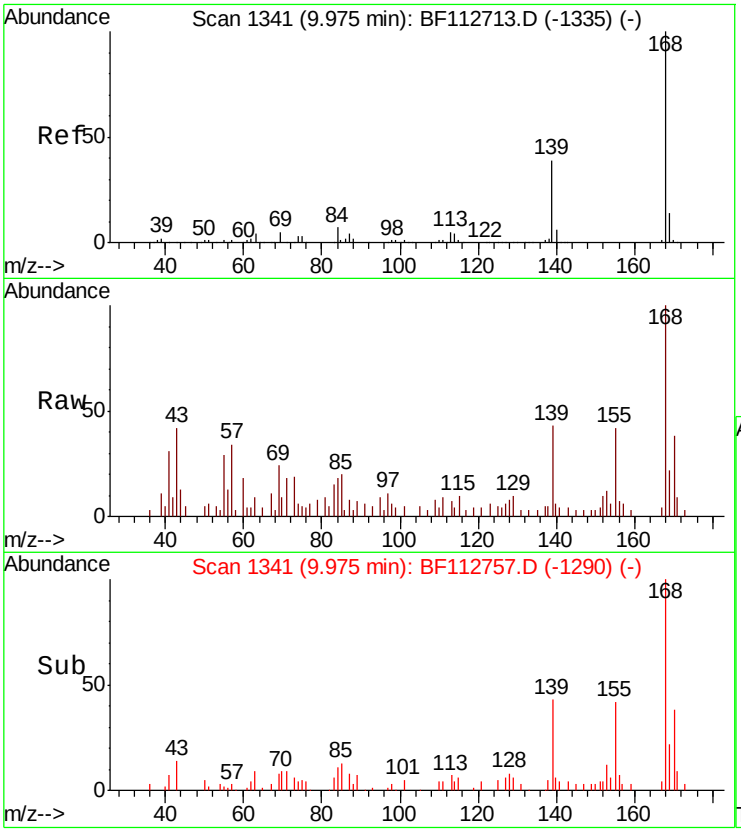


#53
3-Nitroaniline
Concen: 0.026 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:138 Resp: 120

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.6	13.0#
92	0.0	86.6	129.8#



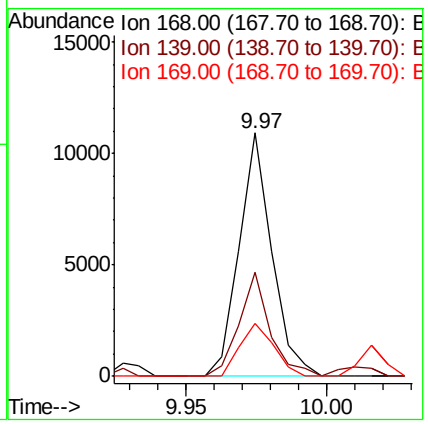


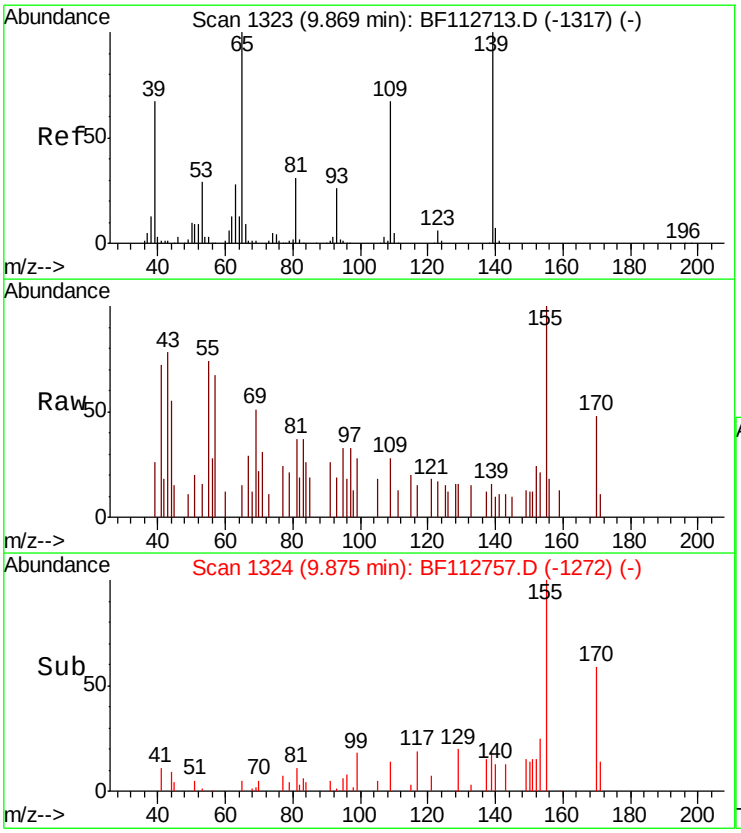
#55
Dibenzofuran
Concen: 0.393 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:168 Resp: 8793

Ion	Ratio	Lower	Upper
168	100		
139	42.8	31.3	46.9
169	21.5	11.3	16.9#

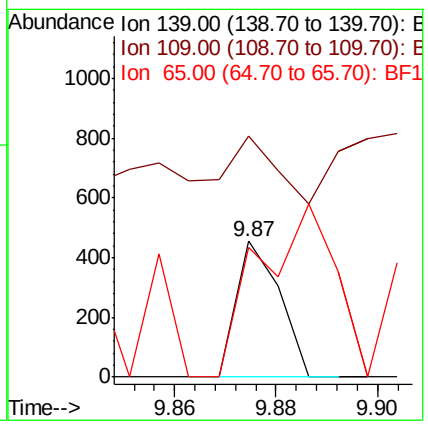


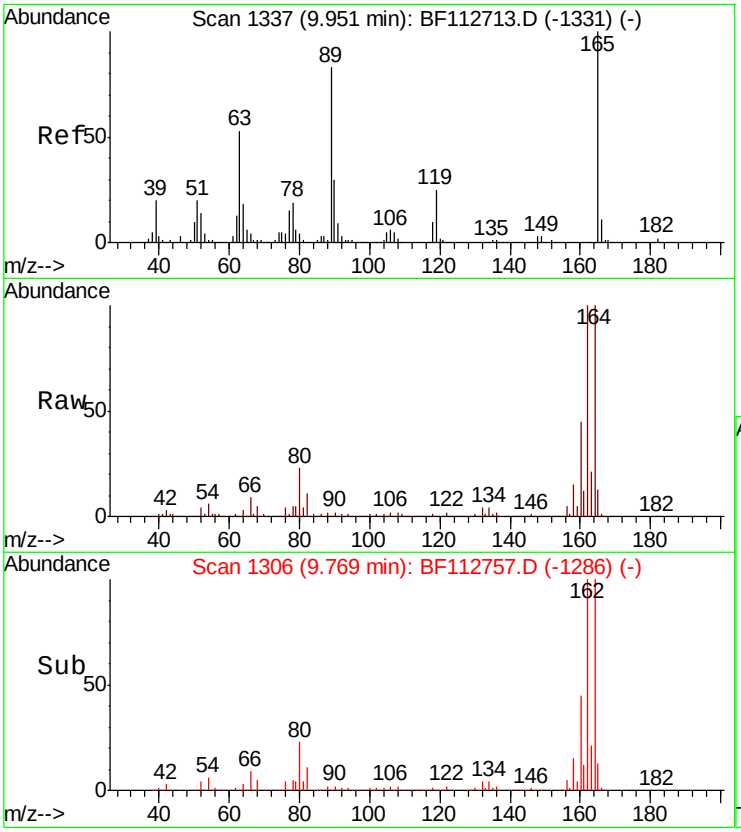


#56
4-Nitrophenol
Concen: 0.072 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:139 Resp: 268

Ion	Ratio	Lower	Upper
139	100		
109	177.3	46.8	86.8#
65	95.6	80.7	120.7



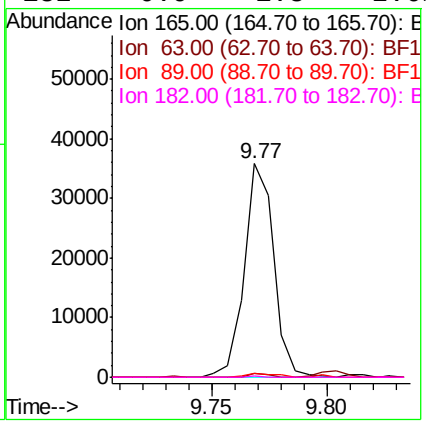


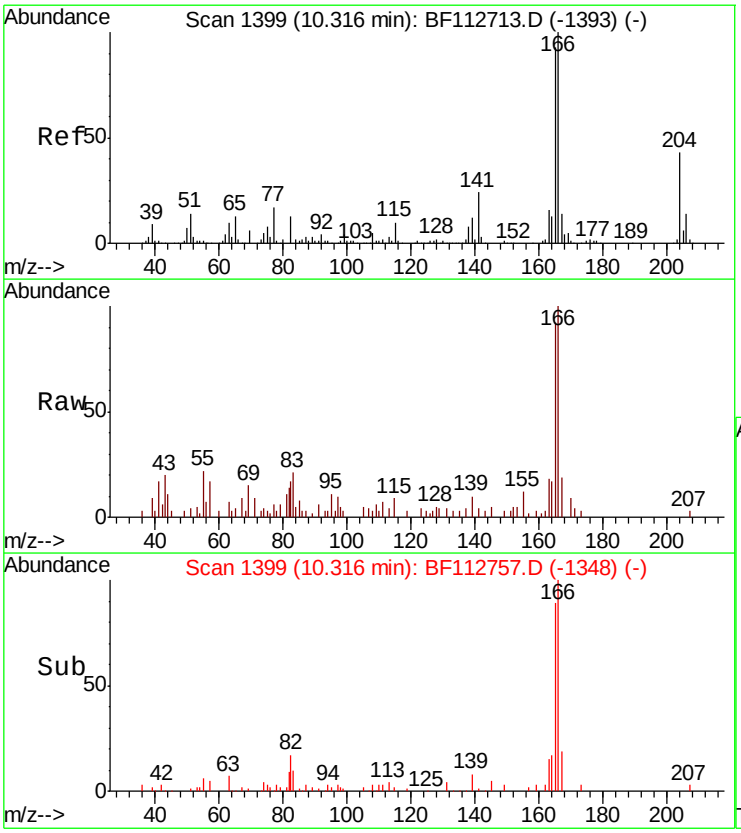
#57
2,4-Dinitrotoluene
Concen: 6.887 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:165 Resp: 31980

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.7	66.2	99.4#
182	0.9	1.8	2.6#

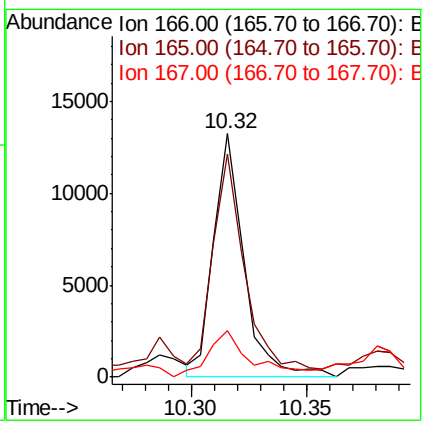


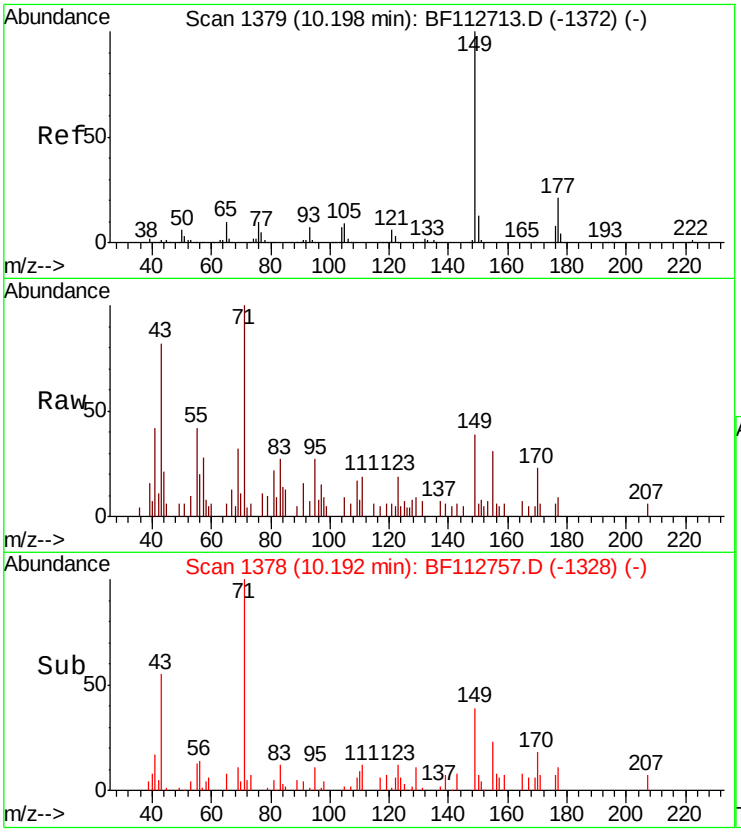


#58
Fluorene
Concen: 0.764 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:166 Resp: 12120

Ion	Ratio	Lower	Upper
166	100		
165	91.7	74.7	112.1
167	18.9	11.0	16.6#



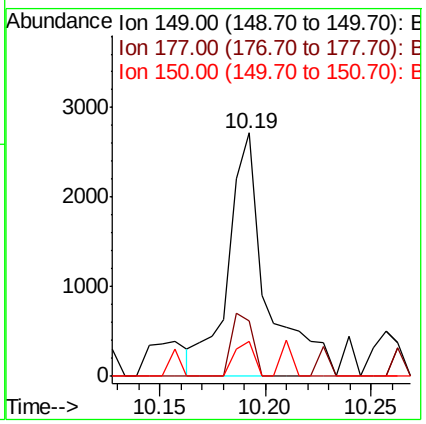


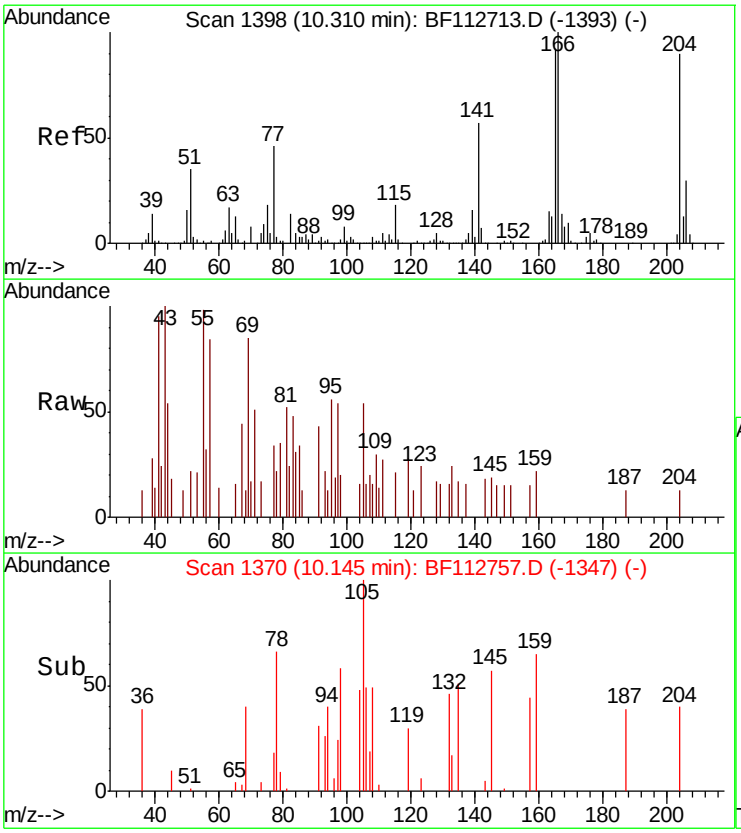
#60
Diethylphthalate
Concen: 0.180 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:149 Resp: 3418

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.0	25.6
150	14.3	10.0	15.0

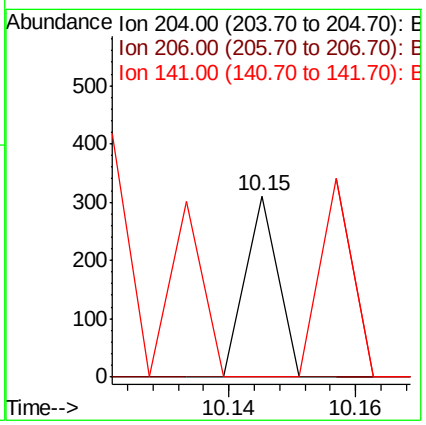


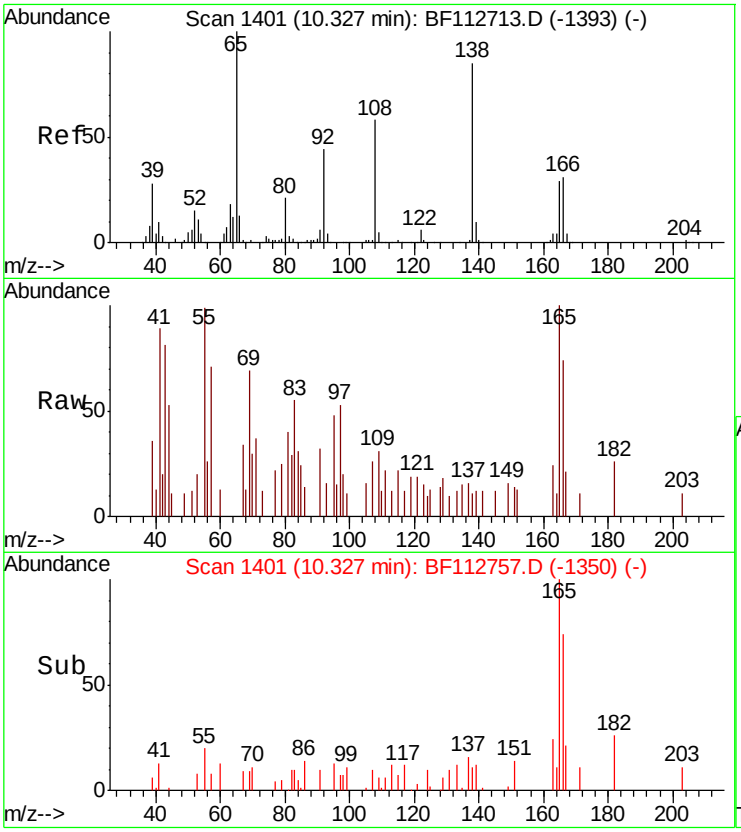


#61
4-Chlorophenyl-phenylether
Concen: 0.015 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.16 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:204 Resp: 110

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



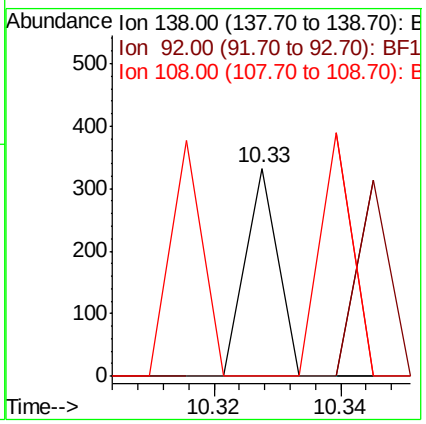


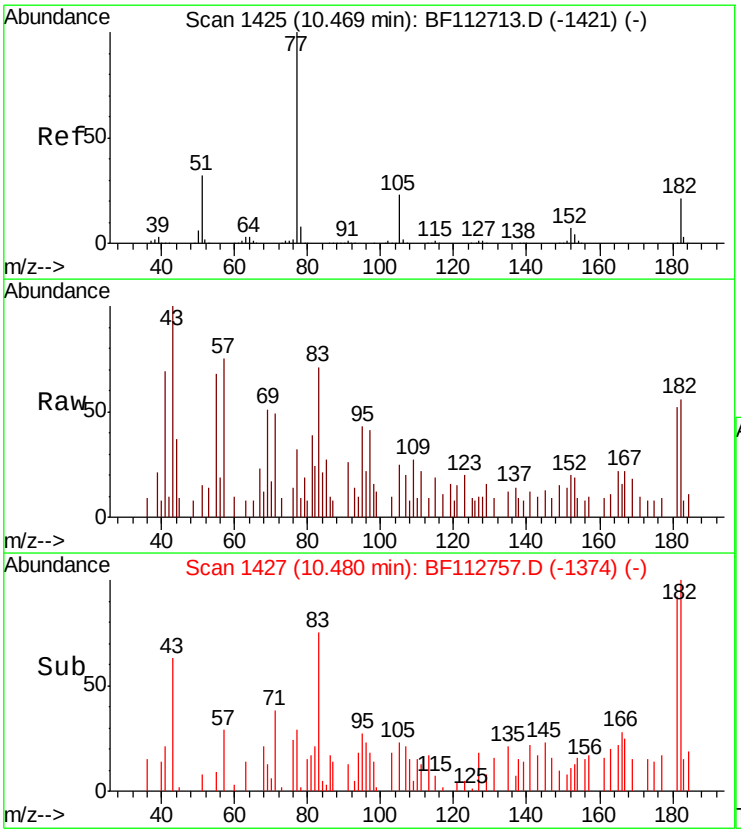
#62
4-Nitroaniline
Concen: 0.028 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:138 Resp: 118

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

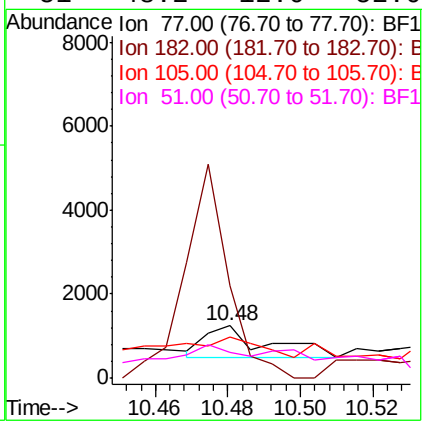


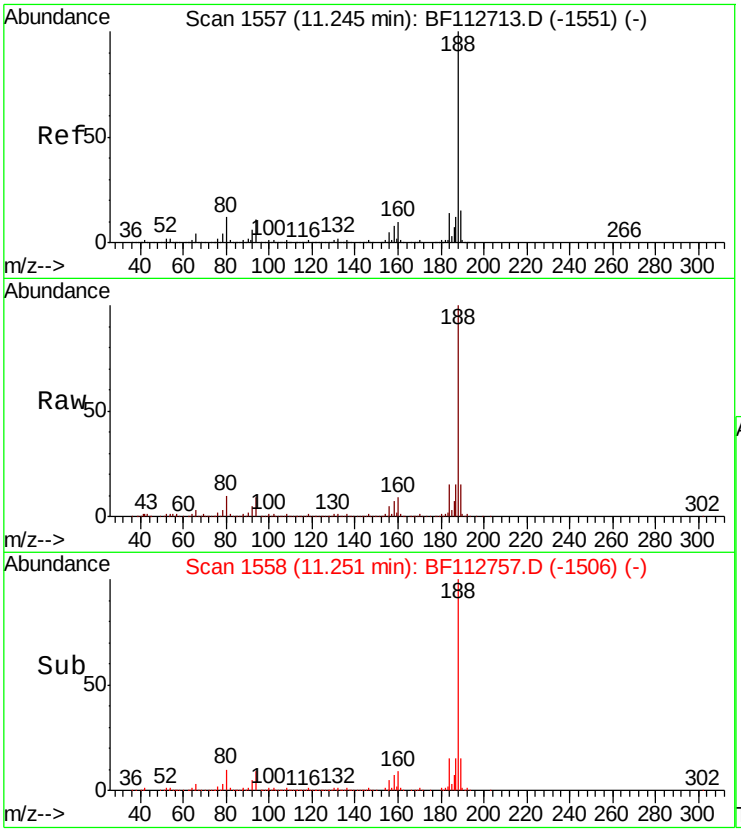


#63
Azobenzene
Concen: 0.047 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 77 Resp: 920

Ion	Ratio	Lower	Upper
77	100		
182	175.8	1.4	41.4#
105	78.2	2.6	42.6#
51	48.2	12.0	52.0



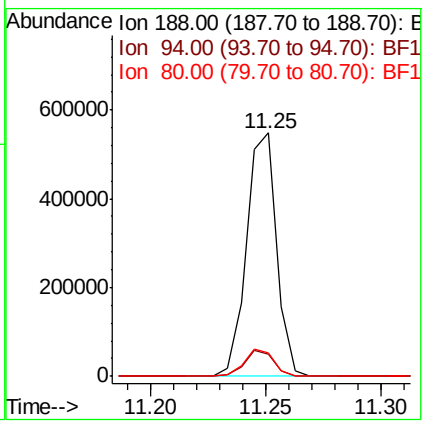


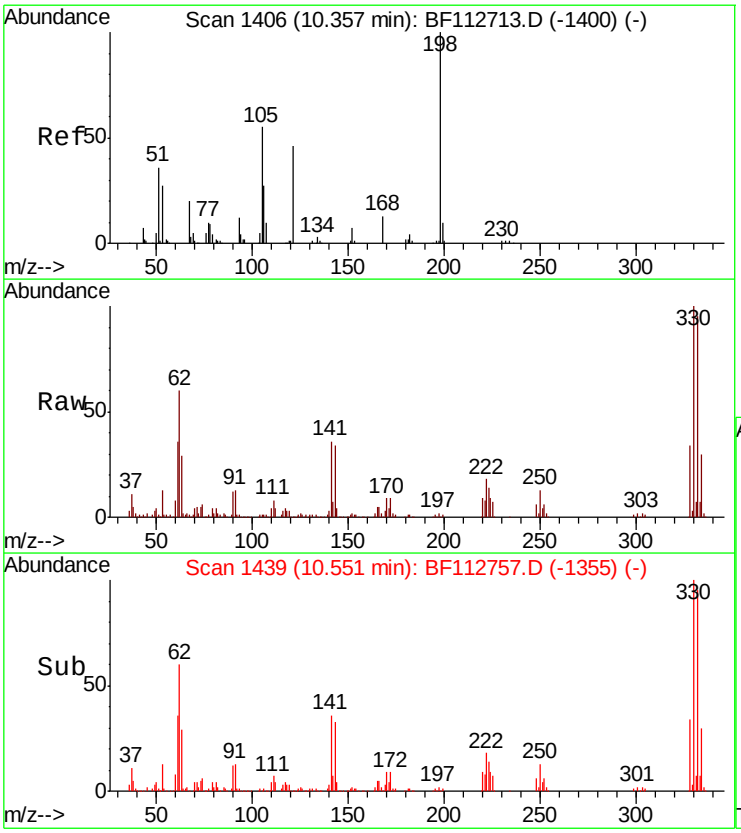
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:188 Resp: 499653

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.6	9.2	13.8

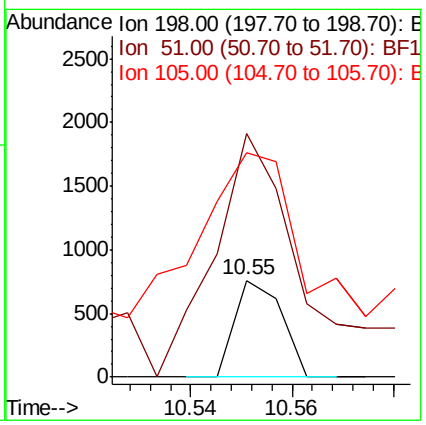


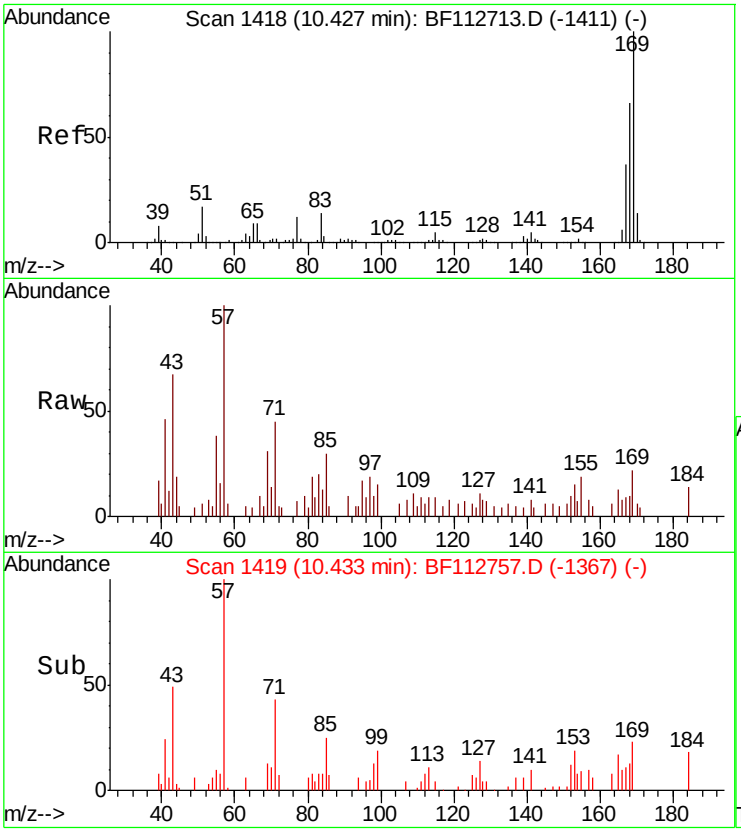


#65
4,6-Dinitro-2-methylphenol
Concen: 4.827 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:198 Resp: 487

Ion	Ratio	Lower	Upper
198	100		
51	250.9	43.8	83.8#
105	231.6	36.5	76.5#



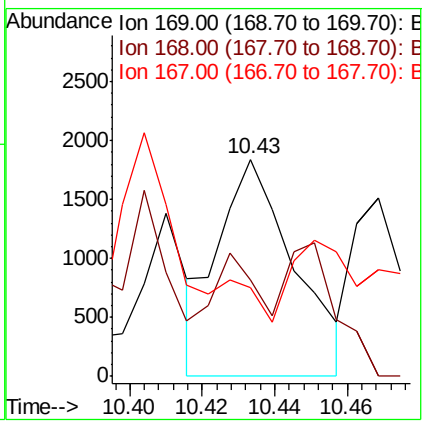


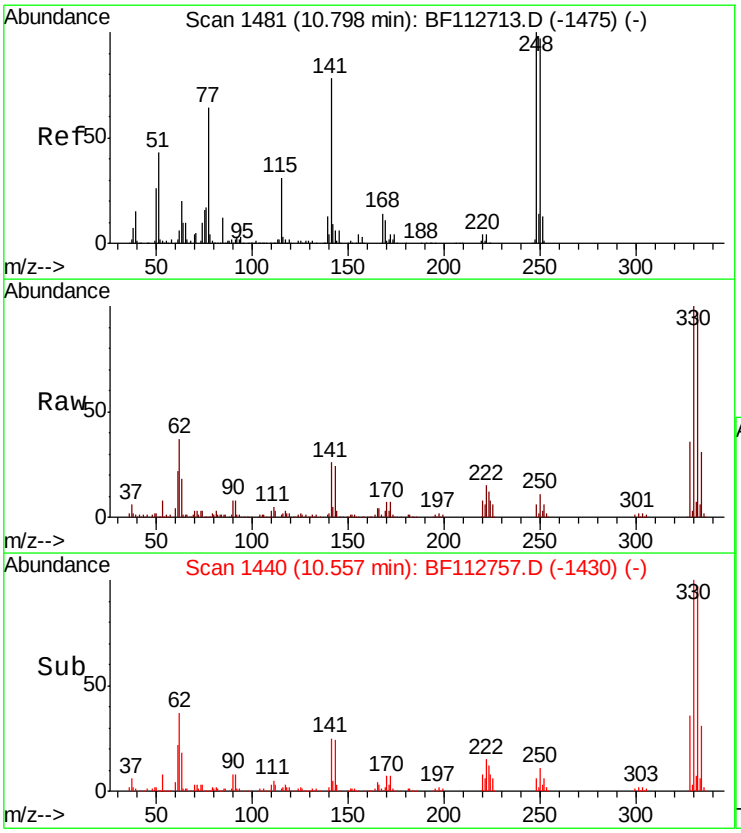
#66
n-Nitrosodiphenylamine
Concen: 0.167 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:169 Resp: 2681

Ion	Ratio	Lower	Upper
169	100		
168	44.5	53.0	79.6#
167	40.9	29.3	43.9

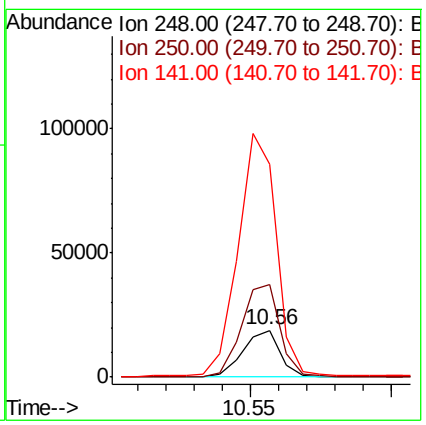


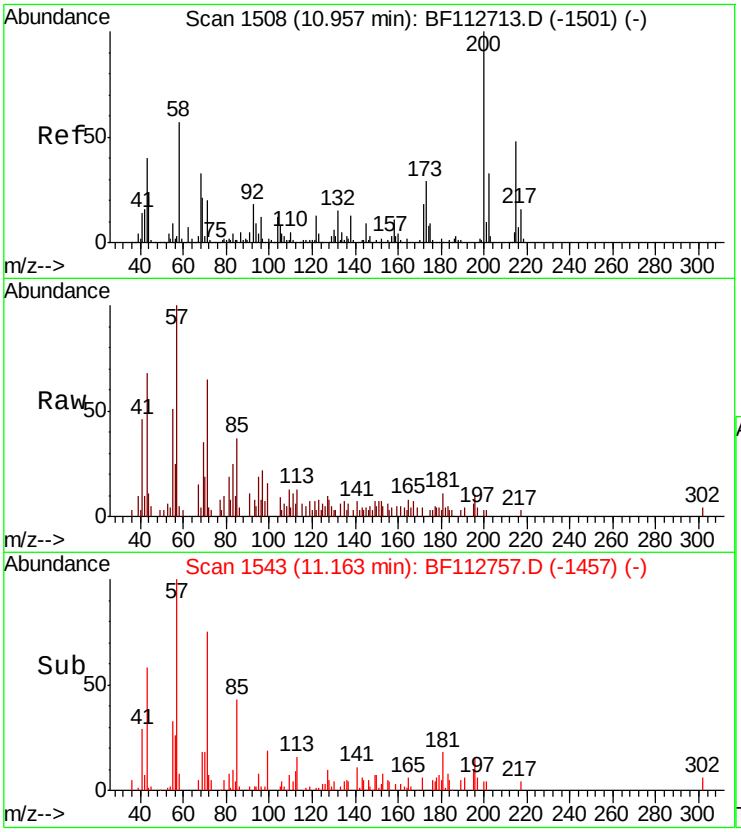


#67
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:248 Resp: 17179

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.5	116.3#
141	453.4	62.4	93.6#



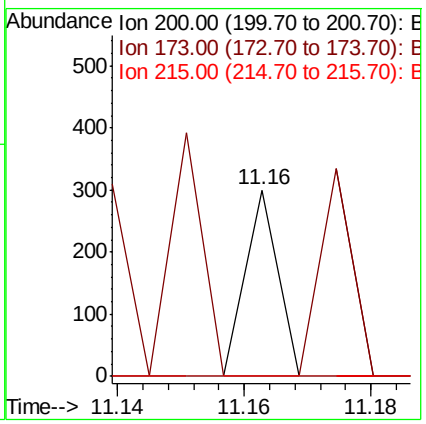


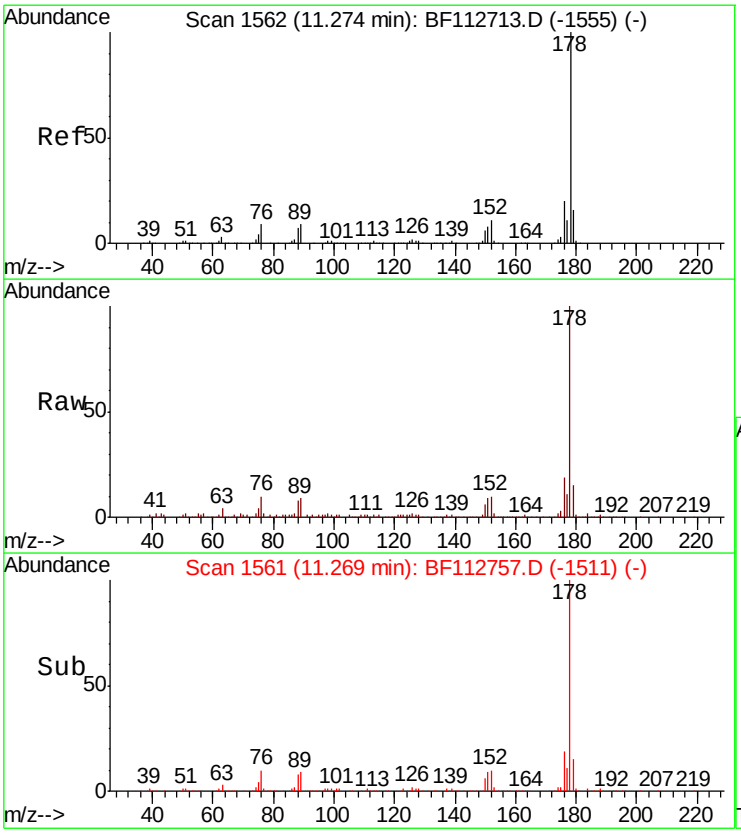
#69
Atrazine
Concen: 0.022 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.21 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:200 Resp: 106

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

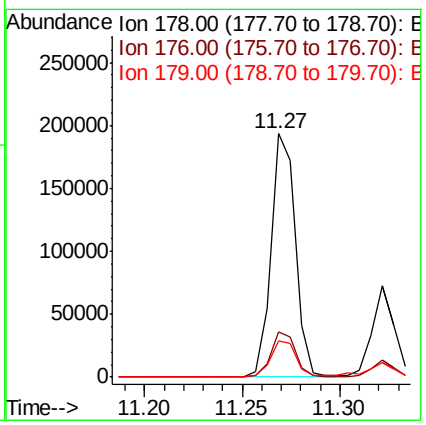


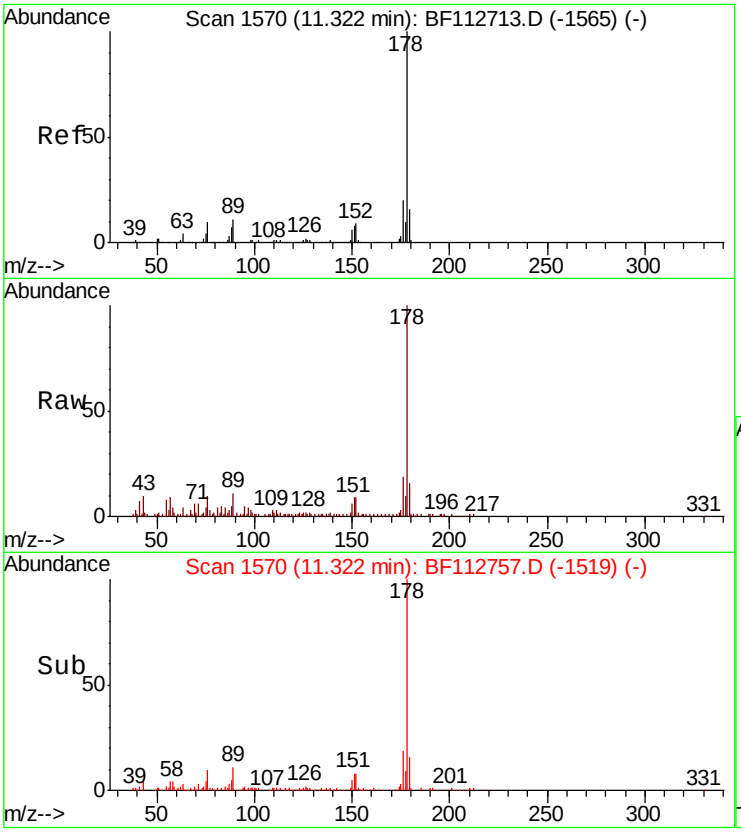


#71
Phenanthrene
Concen: 6.706 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:178 Resp: 166716

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	15.0	12.7	19.1



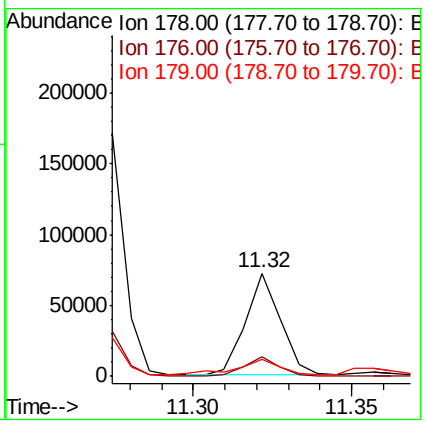


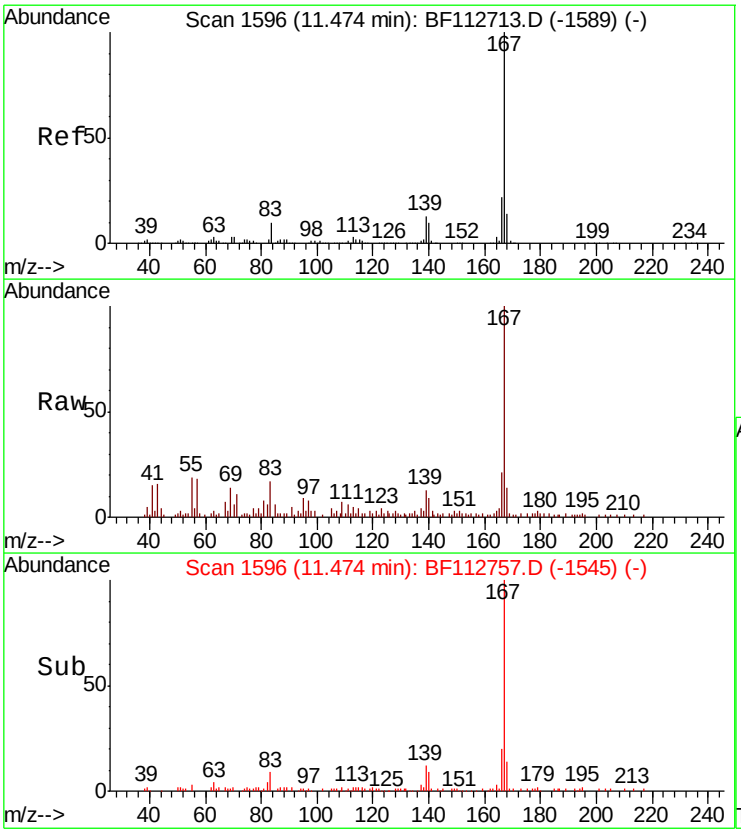
#72
Anthracene
Concen: 2.138 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:178 Resp: 55642

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.1	13.0	19.6

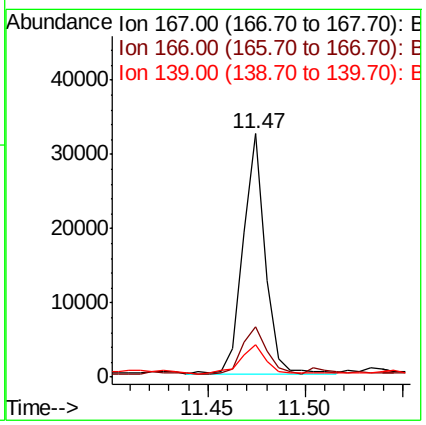


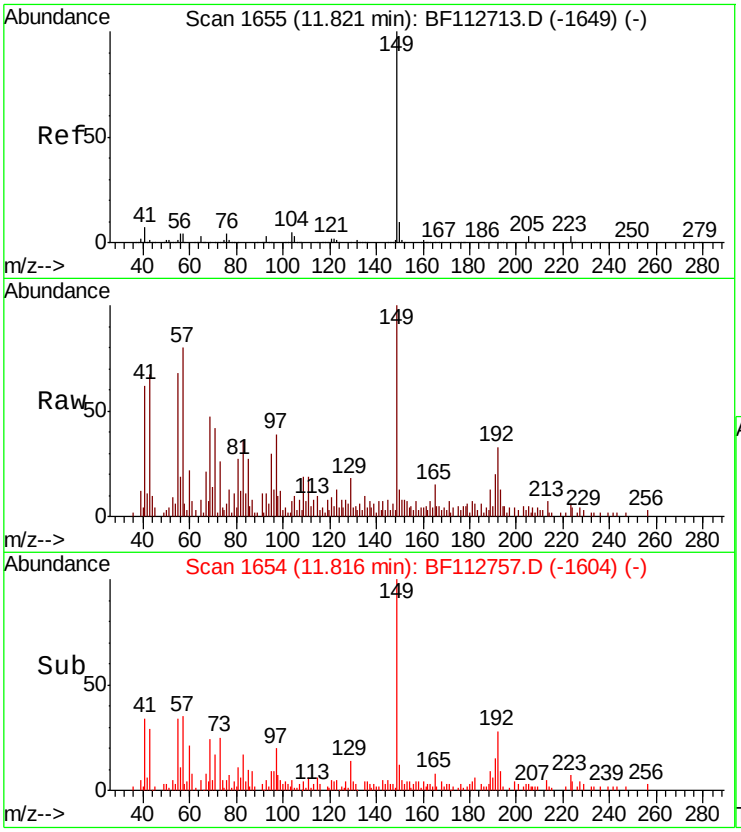


#73
Carbazole
Concen: 1.006 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:167 Resp: 25529

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.5	26.3
139	13.4	10.8	16.2



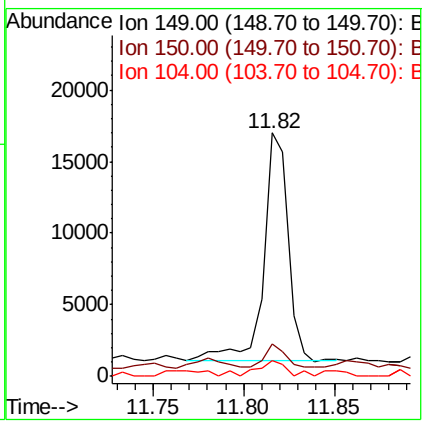


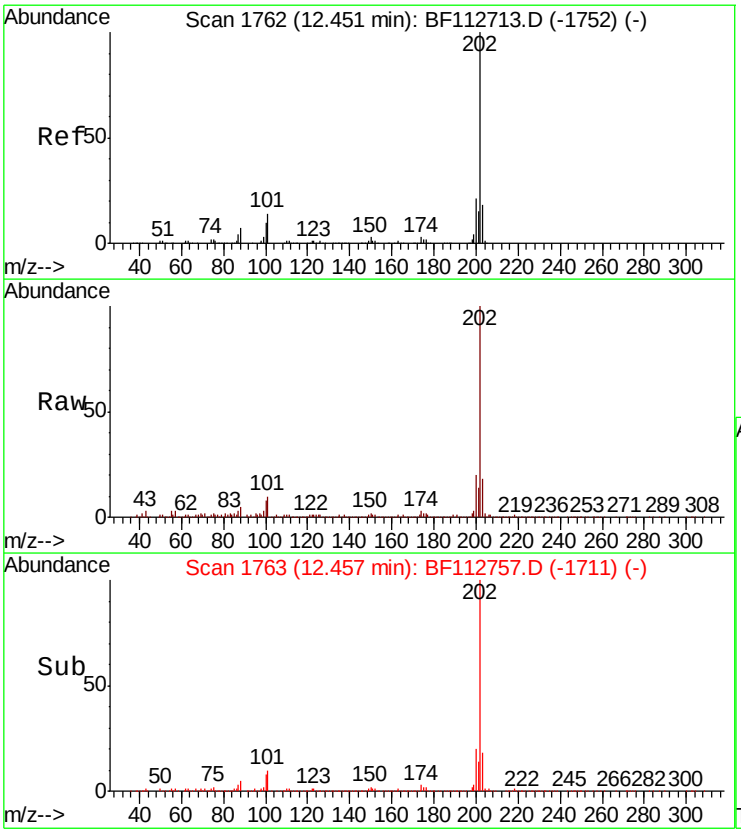
#74
Di-n-butylphthalate
Concen: 0.488 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:149 Resp: 14841

Ion	Ratio	Lower	Upper
149	100		
150	13.2	7.6	11.4#
104	6.7	3.7	5.5#

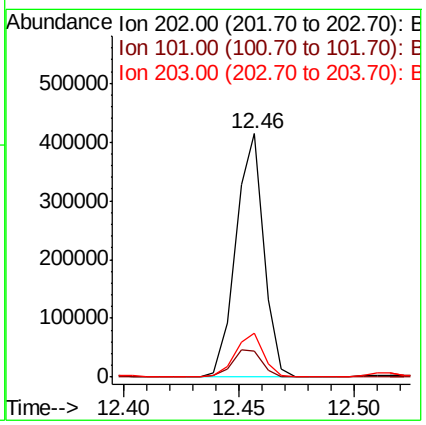


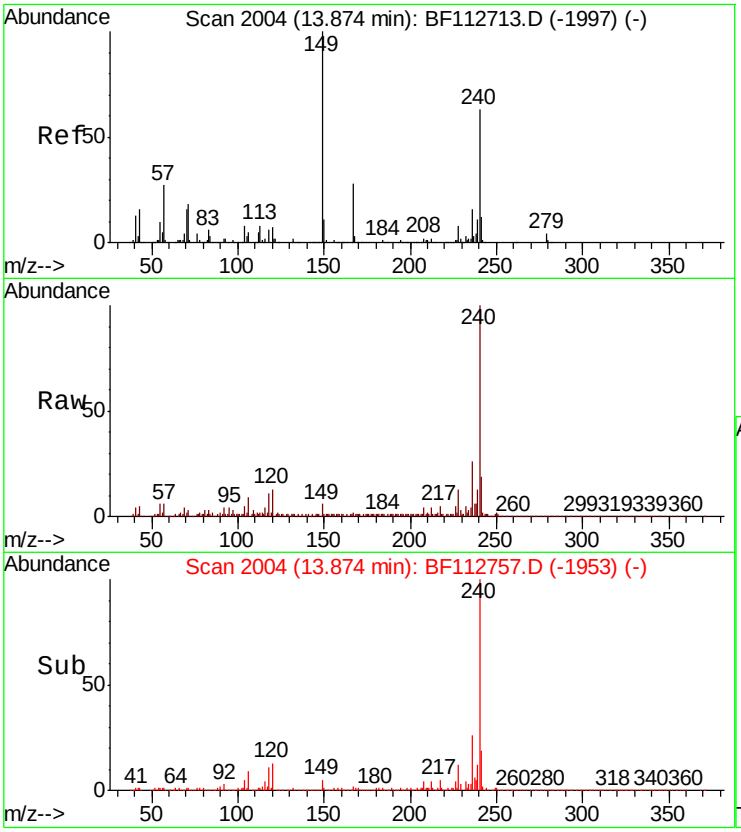


#75
Fluoranthene
Concen: 13.037 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:202 Resp: 347221

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.8
203	17.8	0.0	38.4



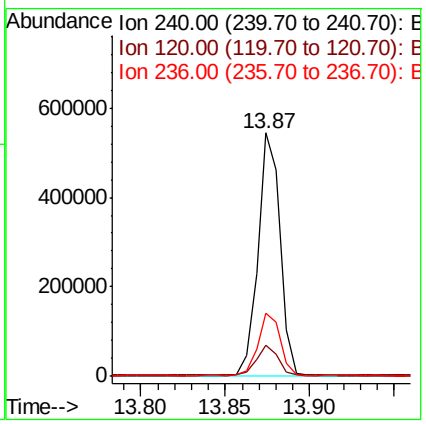


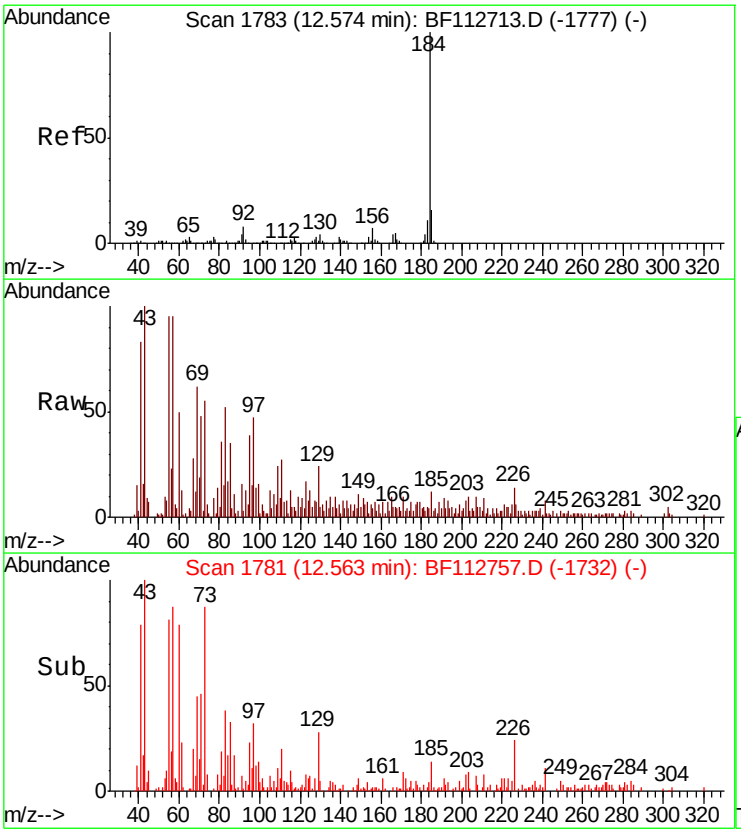
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:240 Resp: 491393

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.9	13.3
236	26.0	20.7	31.1

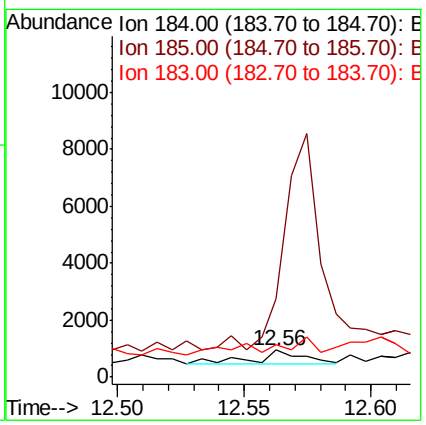


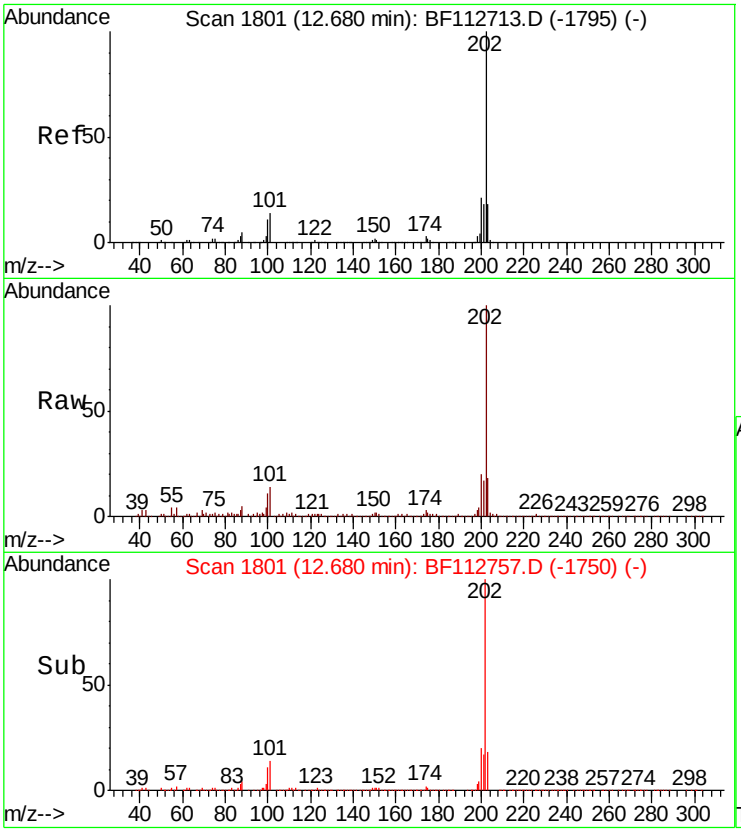


#77
Benzidine
Concen: 0.026 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:184 Resp: 666

Ion	Ratio	Lower	Upper
184	100		
185	291.4	12.6	18.8#
183	120.2	8.6	12.8#



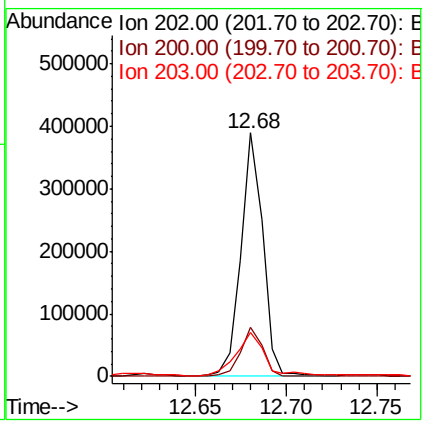


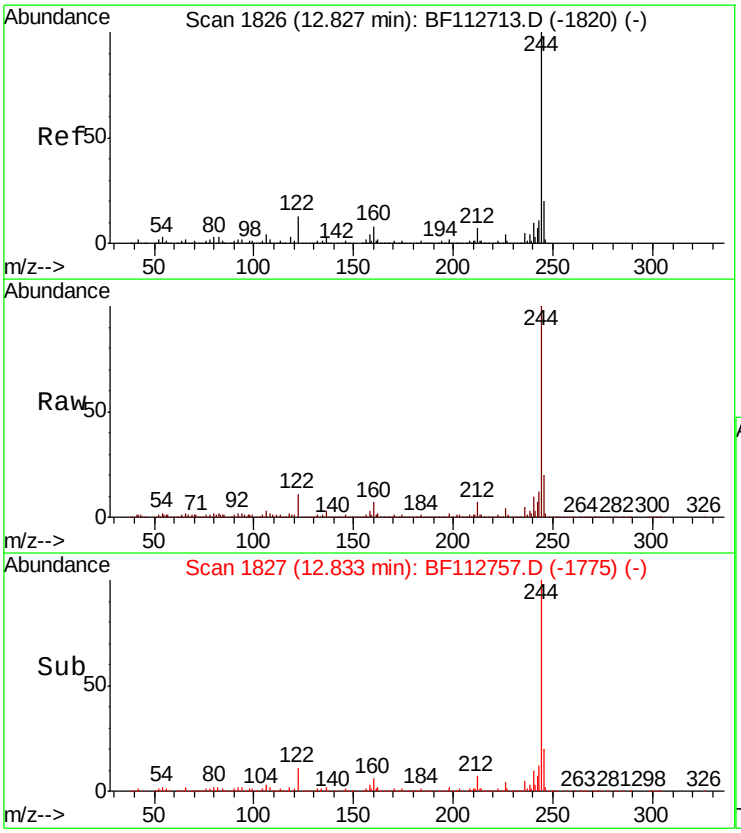
#78
Pyrene
Concen: 7.807 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:202 Resp: 323424

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	18.1	14.4	21.6

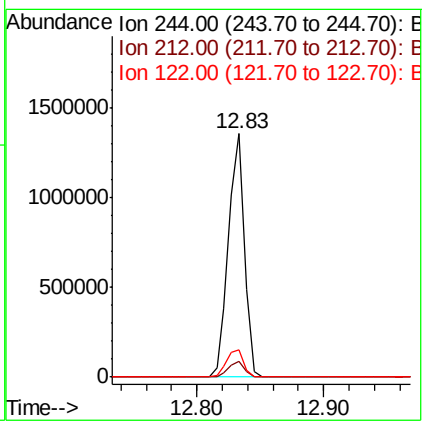


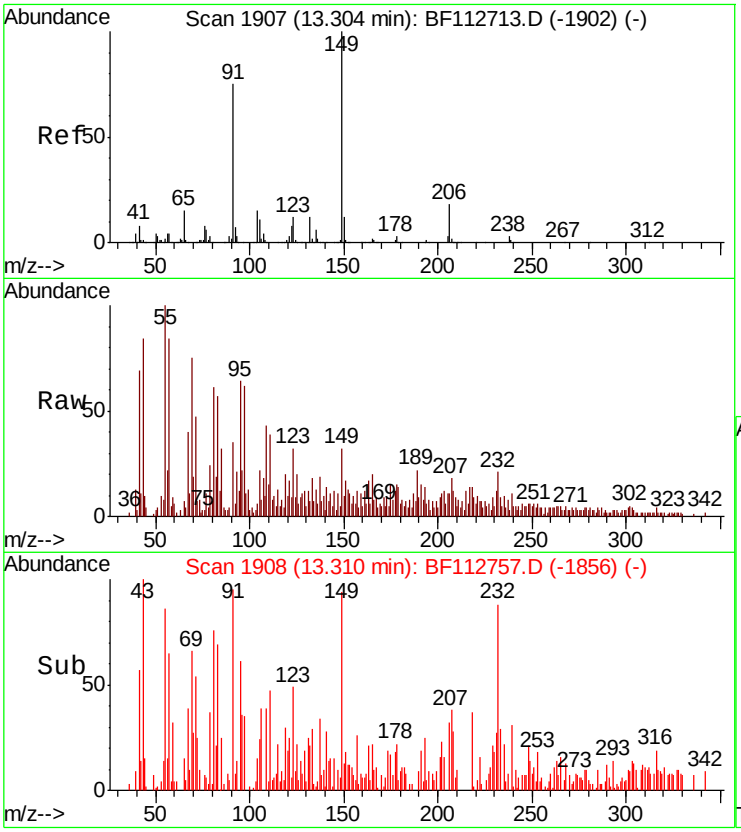


#79
Terphenyl-d14
Concen: 46.357 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:244 Resp: 1175121

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.2	10.5	15.7



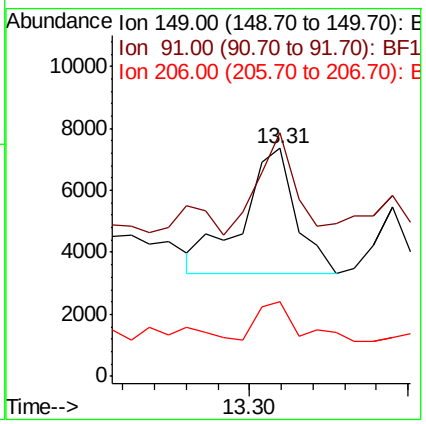


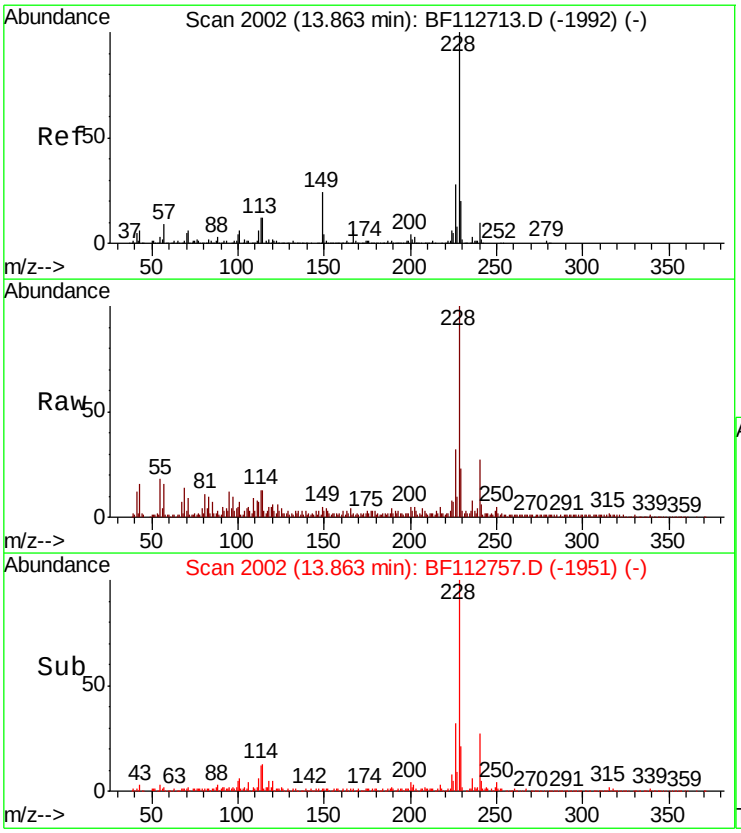
#80
Butylbenzylphthalate
Concen: 0.263 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:149 Resp: 4810

Ion	Ratio	Lower	Upper
149	100		
91	107.0	59.9	89.9#
206	32.7	14.7	22.1#

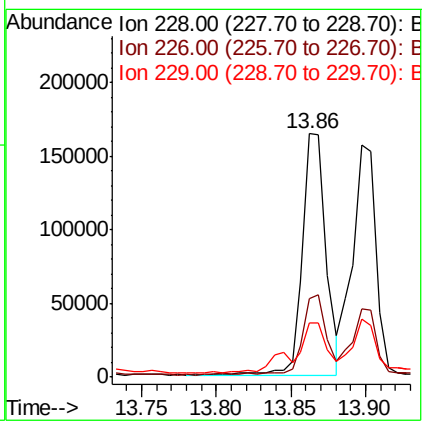


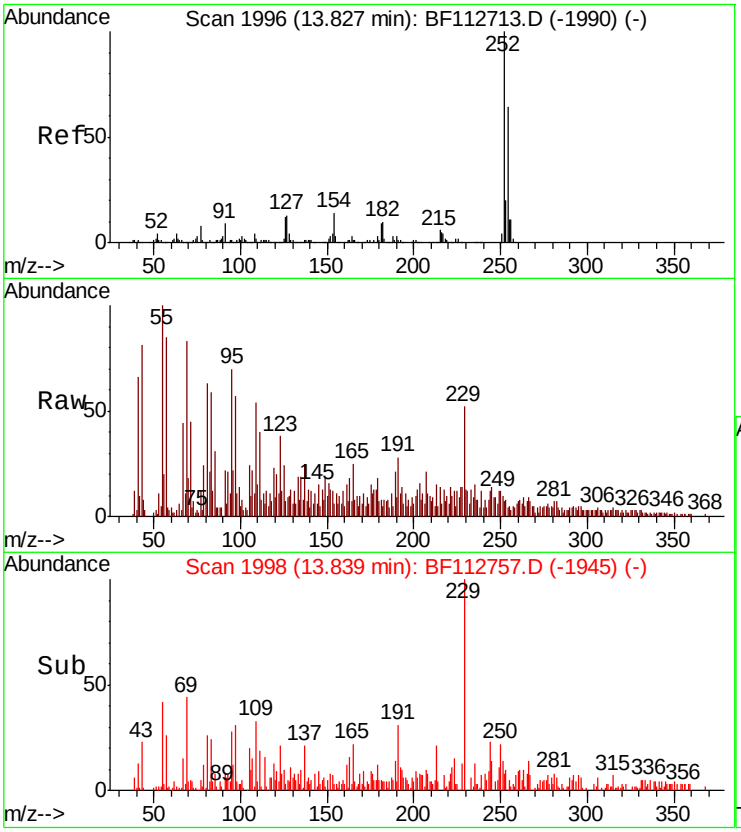


#81
Benzo(a)anthracene
Concen: 5.305 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:228 Resp: 180677

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.2	33.4
229	22.5	16.0	24.0



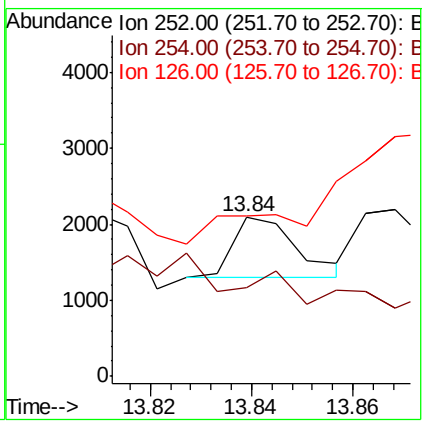


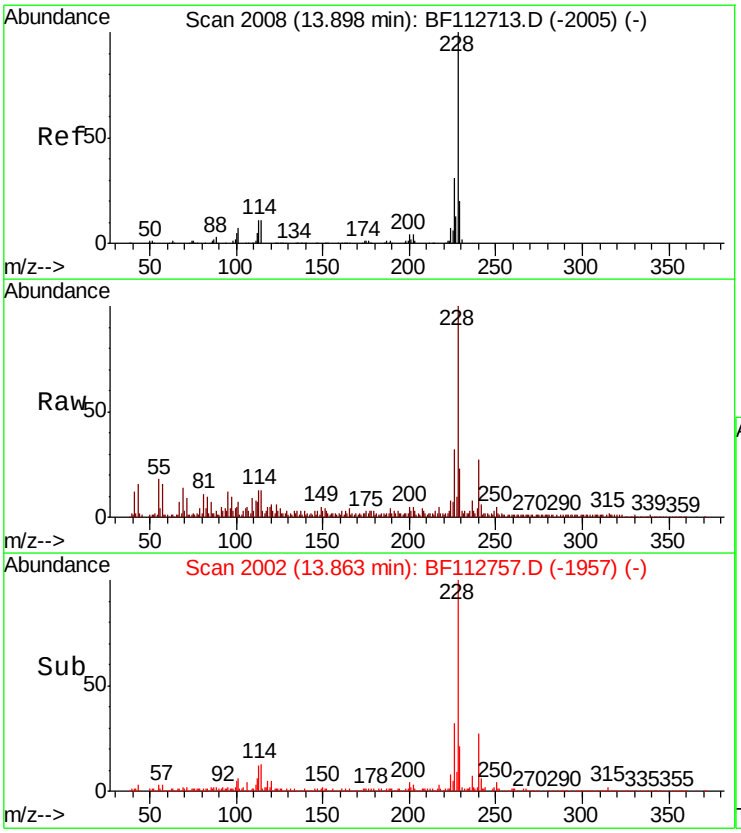
#82
3,3'-Dichlorobenzidine
Concen: 0.053 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:252 Resp: 688

Ion	Ratio	Lower	Upper
252	100		
254	55.7	51.1	76.7
126	100.9	9.9	14.9#

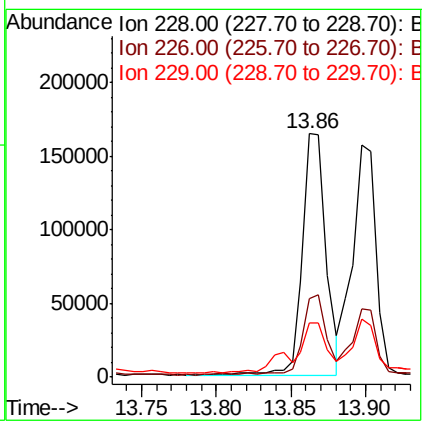


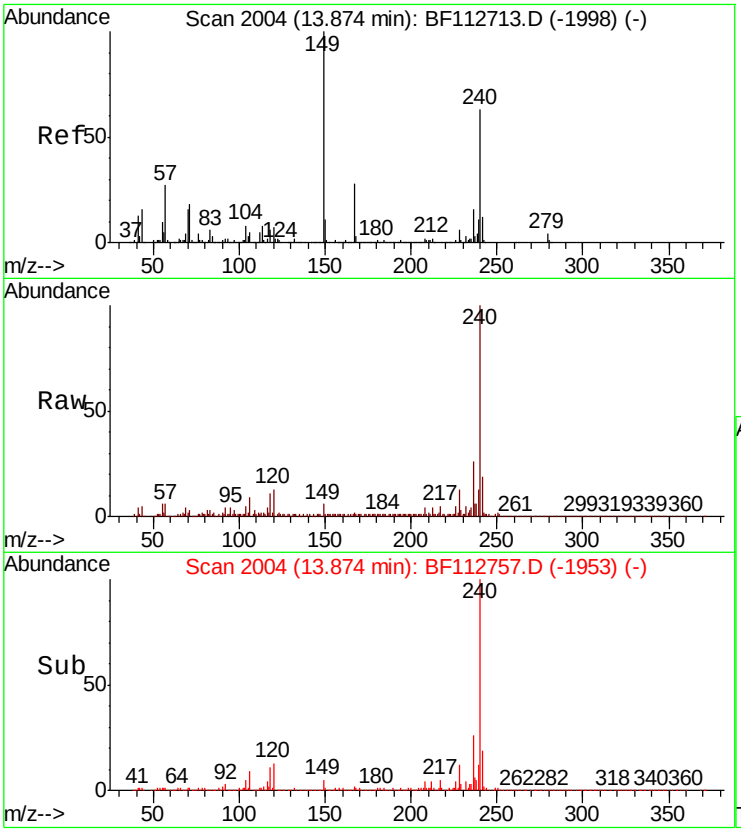


#83
Chrysene
Concen: 5.416 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:228 Resp: 180677

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.5	16.3	24.5



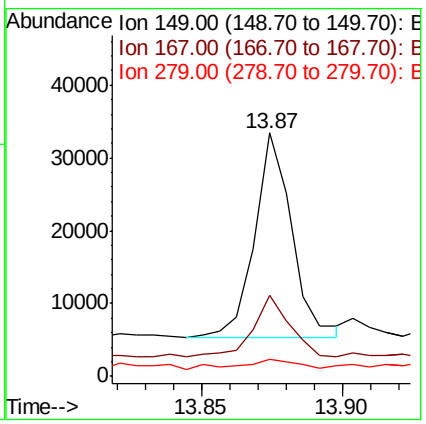


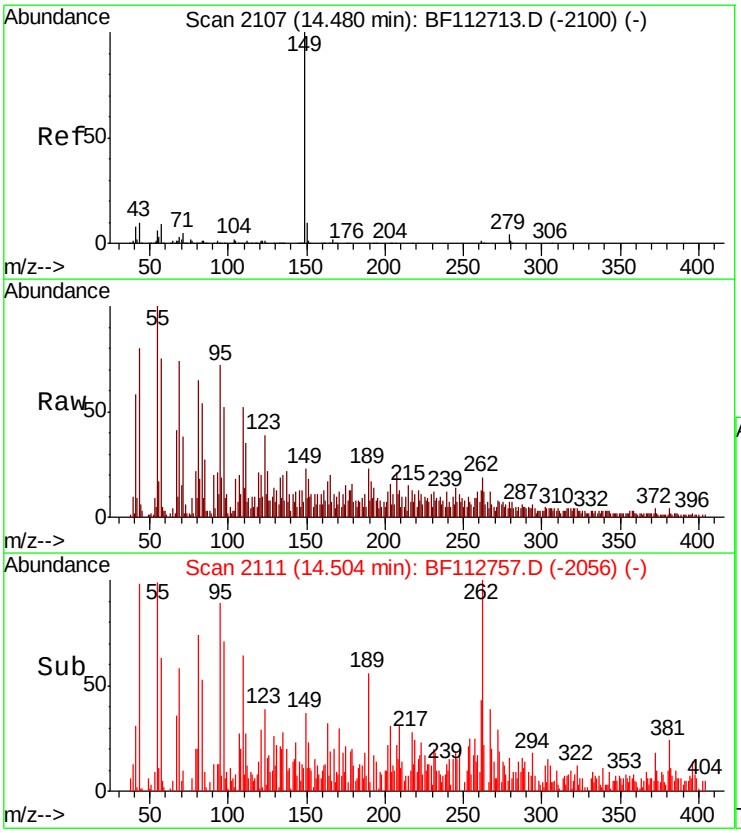
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.205 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:149 Resp: 25835

Ion	Ratio	Lower	Upper
149	100		
167	33.1	22.4	33.6
279	7.1	3.3	4.9#

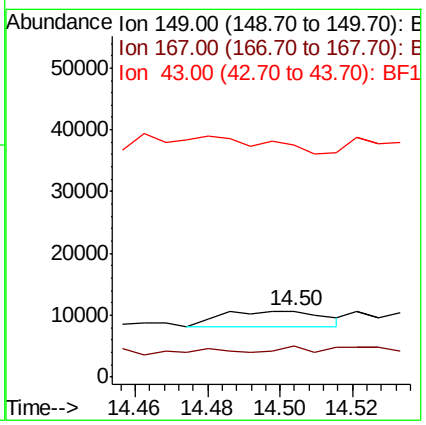


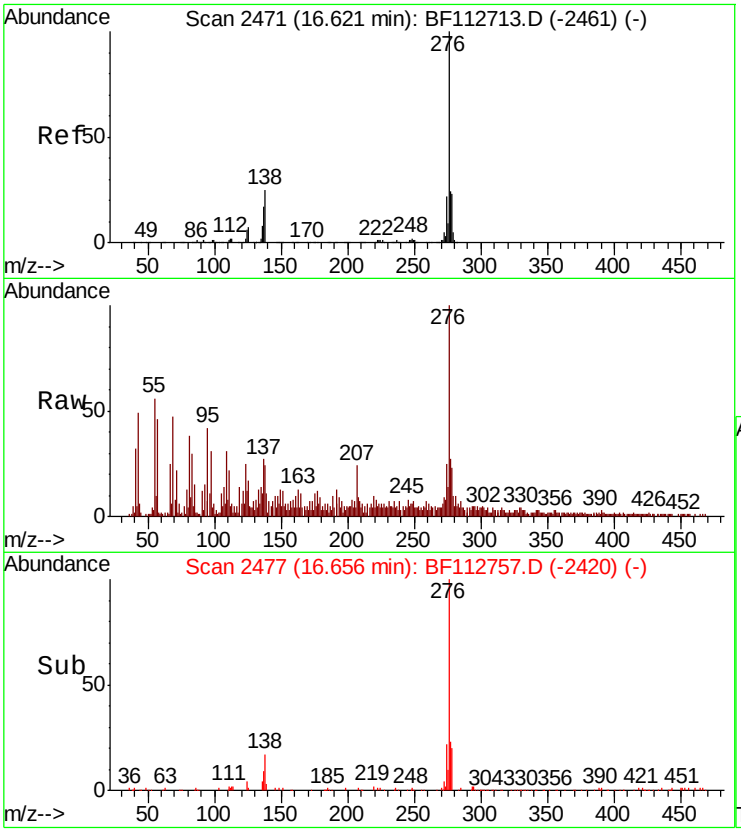


#85
Di-n-octyl phthalate
Concen: 0.133 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:149 Resp: 4893

Ion	Ratio	Lower	Upper
149	100		
167	9.1	1.2	1.8#
43	0.0	9.0	13.4#



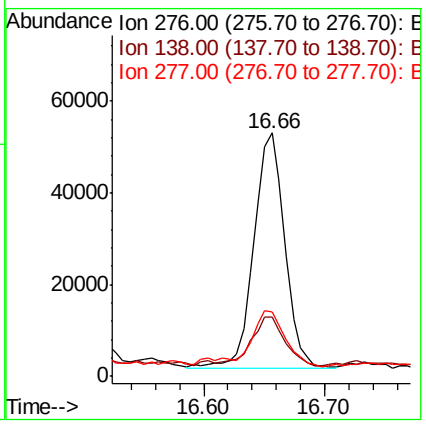


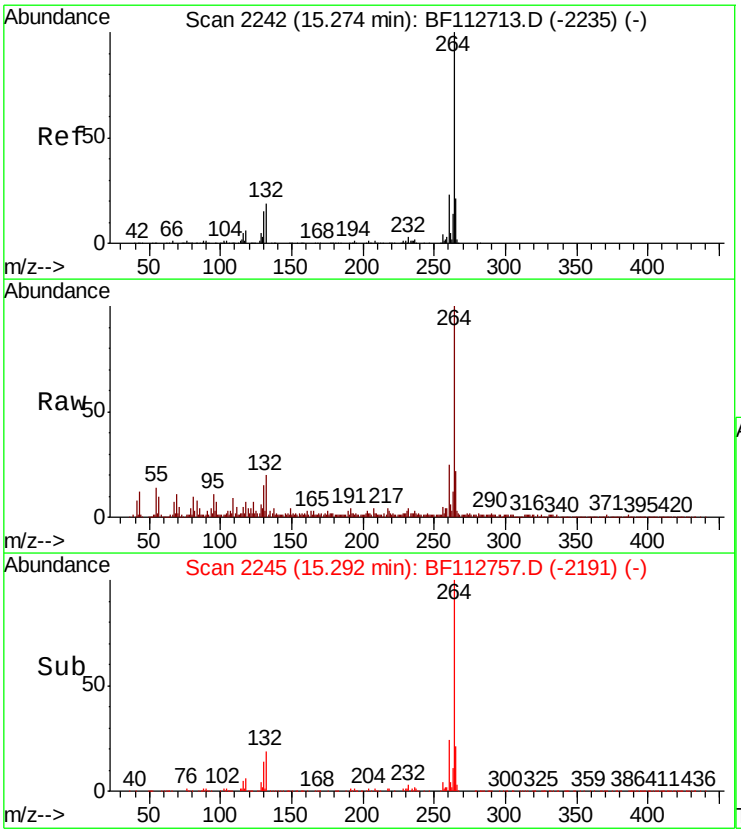
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.188 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.04 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:276 Resp: 90678

Ion	Ratio	Lower	Upper
276	100		
138	22.3	23.2	34.8#
277	25.5	19.9	29.9

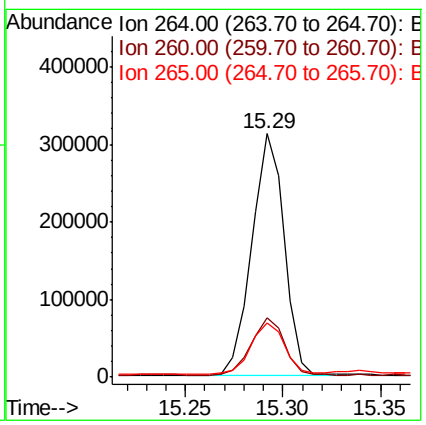


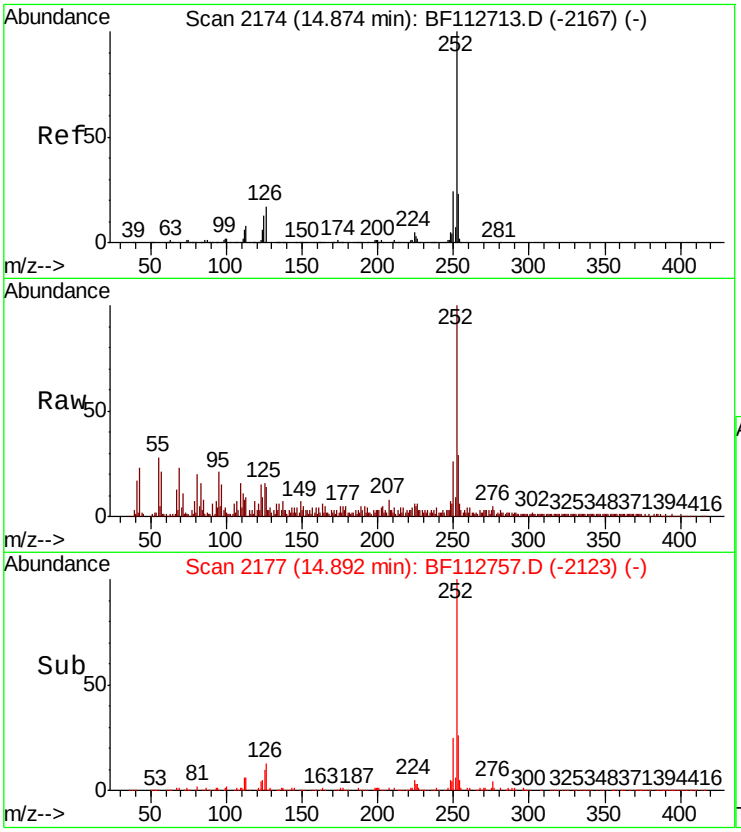


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:264 Resp: 358068

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.3	17.2	25.8



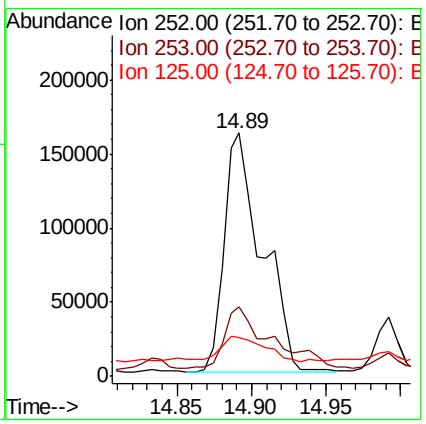


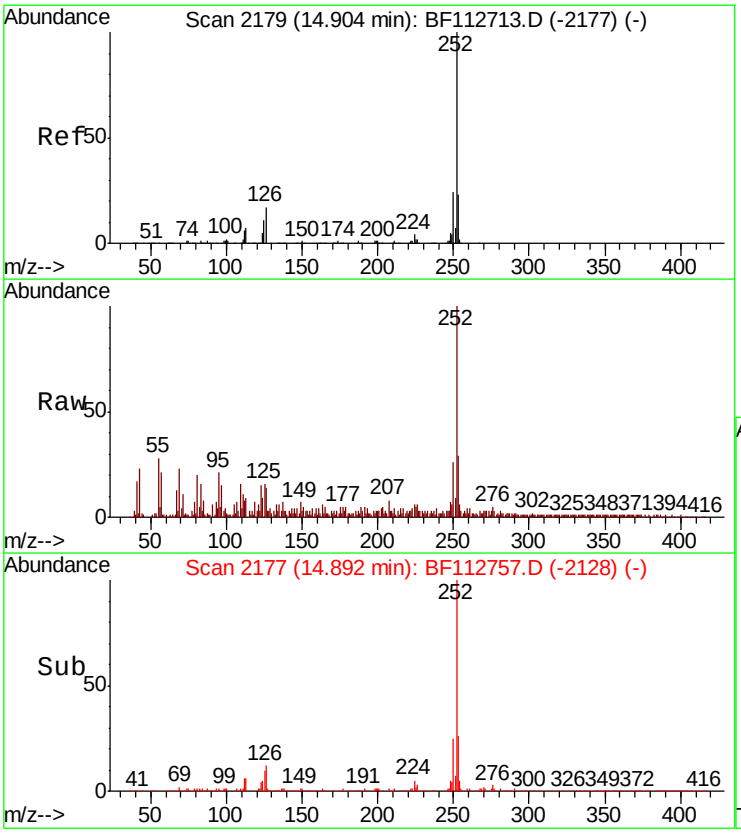
#88
Benzo(b)fluoranthene
Concen: 12.425 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:252 Resp: 287764

Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.0	27.0#
125	16.2	10.2	15.2#

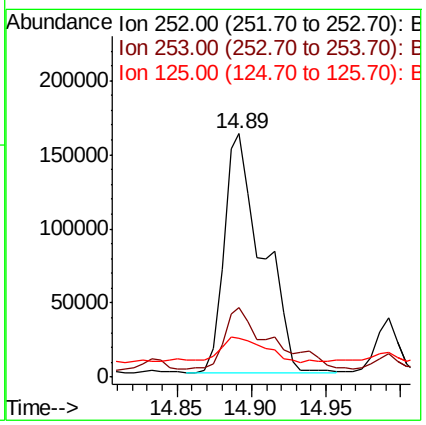


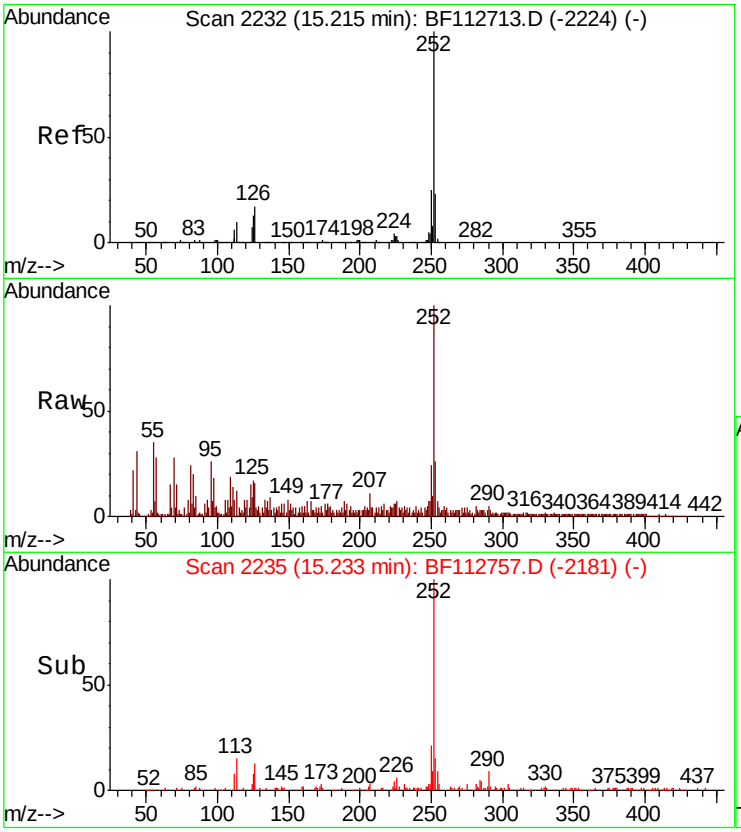


#89
Benzo(k)fluoranthene
Concen: 13.717 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:252 Resp: 287764

Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.2	27.2#
125	16.2	9.8	14.6#



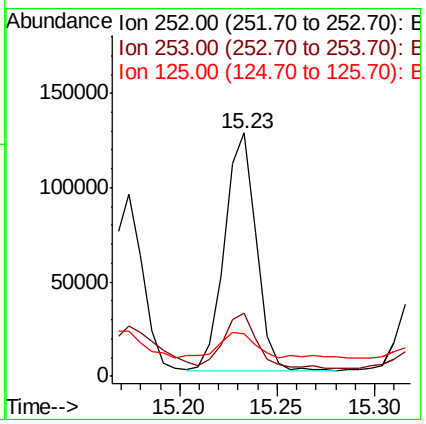


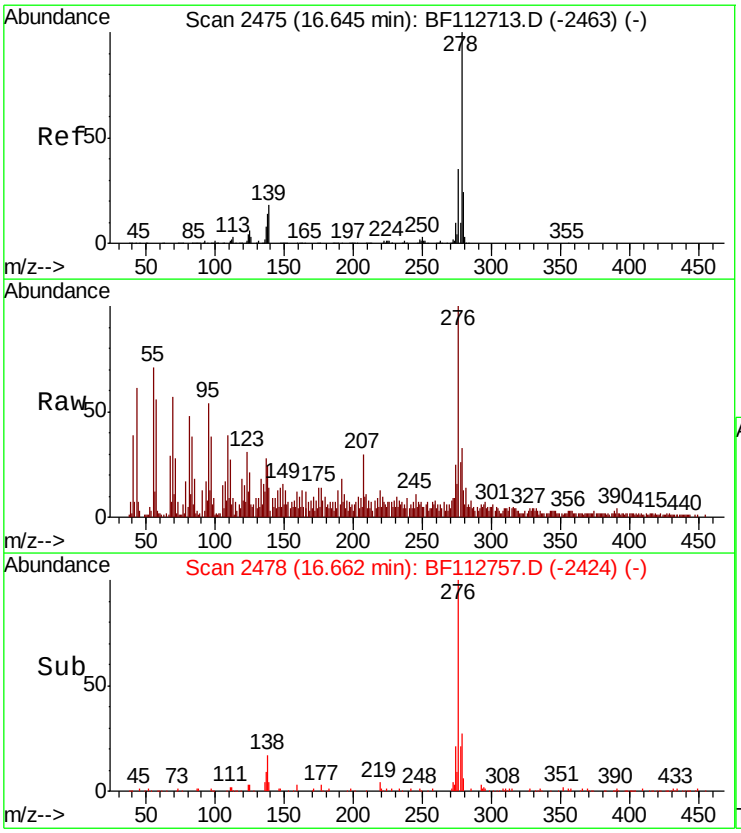
#90
Benzo(a)pyrene
Concen: 6.914 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:252 Resp: 141632

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	17.3	10.7	16.1#

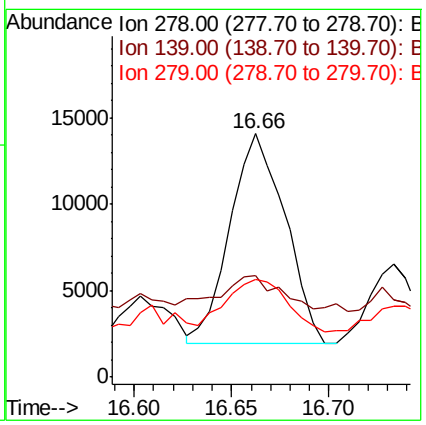


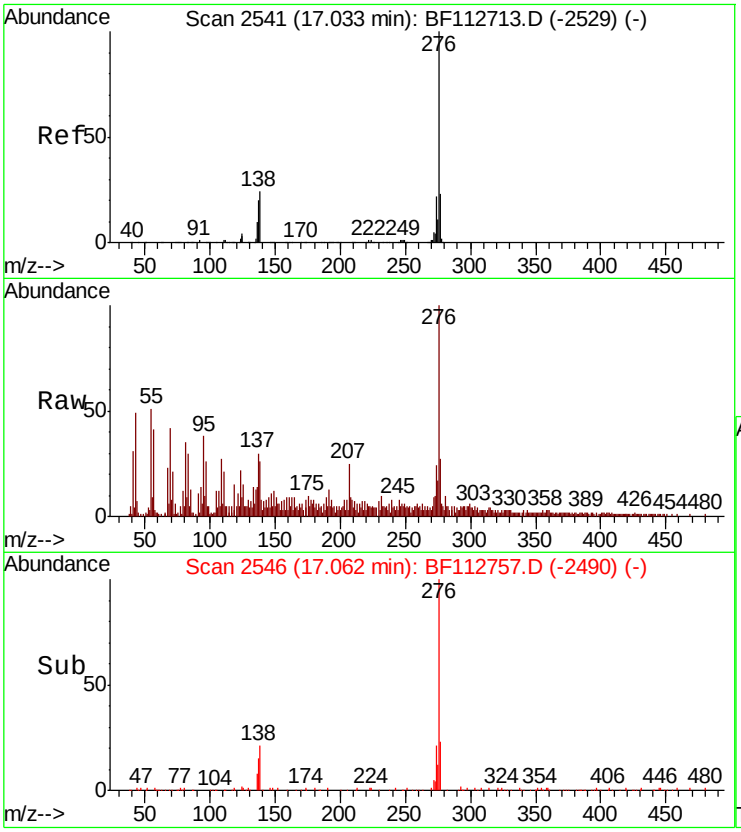


#91
Dibenzo(a,h)anthracene
Concen: 1.361 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.02 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Tgt Ion:278 Resp: 23791

Ion	Ratio	Lower	Upper
278	100		
139	41.7	14.3	21.5#
279	39.9	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.923 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.03 min
Lab File: BF112757.D
Acq: 28 Feb 2019 12:54

Instrument :
BNA_F
ClientSampleId :
COMP-14

Tgt Ion:276 Resp: 86417

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.6	27.8
138	25.6	19.4	29.0