Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036255.D
Acq On : 10 Aug 2018 6:04
Operator : JU/SJ
Sample : J4398-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-P10A(0-5)

Quant Time: Aug 10 08:22:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	2762	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	3206	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	2976	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	7940	20.00	ng	0.00
75) Chrysene-d12	21.64	240	8555	20.00	ng	-0.02
86) Perylene-d12	24.84	264	7673	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	227529	1367.67	ng	0.00
7) Phenol-d6	7.18	99	336715	1356.57	ng	-0.01
23) Nitrobenzene-d5	9.17	82	223863	2916.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	157058	4003.97	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	527460	2374.53	ng	-0.02
78) Terphenyl-d14	19.98	244	941071	2424.78	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	370	4.370	ng	# 14
6) Aniline	7.34	93	841	2.614	ng	# 84
8) 2-Chlorophenol	7.58	128	652	3.853	ng	# 52
9) Benzaldehyde	7.16	77	345	2.265	ng	# 68
10) Phenol	7.21	94	4616	18.408	ng	# 37
11) bis(2-Chloroethyl)ether	7.43	93	668	3.401	ng	# 44
12) 1,3-Dichlorobenzene	7.91	146	732	3.583	ng	# 55
13) 1,4-Dichlorobenzene	8.05	146	800	3.854	ng	# 92
14) 1,2-Dichlorobenzene	8.37	146	581	2.913	ng	# 78
15) Benzyl Alcohol	8.32	79	4473	19.845	ng	# 51
17) 2-Methylphenol	8.46	107	477	2.798	ng	# 71
19) n-Nitroso-di-n-propylamine	9.18	70	32163	153.880	ng	# 68
22) Acetophenone	8.84	105	1071	10.743	ng	# 80
24) Nitrobenzene	9.21	77	1071	13.876	ng	# 42
25) Isophorone	9.75	82	1680	11.792	ng	# 37
26) 2-Nitrophenol	9.97	139	126	4.597	ng	# 29
27) 2,4-Dimethylphenol	10.04	122	263	5.668	ng	# 1
29) 2,4-Dichlorophenol	10.56	162	254	4.796	ng	# 23
30) 1,2,4-Trichlorobenzene	10.69	180	658	10.131	ng	# 68
31) Naphthalene	10.88	128	2342	14.024	ng	# 84
32) Benzoic acid	10.07	122	337	10.789	ng	# 1
34) Hexachlorobutadiene	11.14	225	711	14.039	ng	89
35) Caprolactam	12.20	113	80	3.520	ng	# 1
36) 4-Chloro-3-methylphenol	12.16	107	678	9.550	ng	# 59
37) 2-Methylnaphthalene	12.48	142	1429	11.485	ng	# 81
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	1178	10.487	ng	# 81
42) 2,4,6-Trichlorophenol	13.12	196	385	5.861	ng	# 50
43) 2,4,5-Trichlorophenol	13.12	196	385	5.239	ng	# 64
45) 1,1'-Biphenyl	13.48	154	2847	12.339	ng	92
46) 2-Chloronaphthalene	13.52	162	1991	11.094	ng	# 82
48) Acenaphthylene	14.36	152	3369	11.206	ng	96
49) Dimethylphthalate	14.09	163	86938	333.426	ng	# 98
50) 2,6-Dinitrotoluene	14.23	165	564	10.622	ng	# 56
51) Acenaphthene	14.70	154	2155	11.507	ng	# 75

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036255.D
Acq On : 10 Aug 2018 6:04
Operator : JU/SJ
Sample : J4398-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-P10A(0-5)

Quant Time: Aug 10 08:22:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	15.04	168	3625	12.171	ng		97
55) 4-Nitrophenol	15.05	139	1399	36.198	ng	#	1
56) 2,4-Dinitrotoluene	15.02	165	554	7.273	ng	#	56
57) Fluorene	15.69	166	2581	10.339	ng		88
58) 2,3,4,6-Tetrachlorophenol	15.29	232	752	10.673	ng	#	50
59) Diethylphthalate	15.44	149	3423	12.767	ng	#	90
60) 4-Chlorophenyl-phenylether	15.67	204	1515	10.326	ng	#	87
62) Azobenzene	15.97	77	2548	9.635	ng		92
64) 4,6-Dinitro-2-methylphenol	16.13	198	550	12.444	ng		91
65) n-Nitrosodiphenylamine	15.90	169	2093	9.261	ng		89
66) 4-Bromophenyl-phenylether	16.58	248	1057	11.474	ng	#	78
67) Hexachlorobenzene	16.68	284	1077	11.353	ng	#	62
68) Atrazine	16.84	200	977	10.500	ng	#	67
70) Phenanthrene	17.43	178	5752	14.518	ng	#	92
71) Anthracene	17.52	178	4170	10.570	ng	#	96
72) Carbazole	17.82	167	3005	8.021	ng	#	72
73) Di-n-butylphthalate	18.33	149	9325	21.062	ng	#	96
74) Fluoranthene	19.44	202	7897	14.798	ng		92
76) Benzidine	19.98	184	17538	77.977	ng	#	86
77) Pyrene	19.80	202	8137	15.042	ng		98
79) Butylbenzylphthalate	20.68	149	2533	13.094	ng		97
80) Benzo(a)anthracene	21.64	228	6386	11.978	ng	#	85
82) Chrysene	21.69	228	7313	14.803	ng	#	89
83) Bis(2-ethylhexyl)phthalate	21.52	149	4384	16.670	ng	#	98
84) Di-n-octyl phthalate	22.70	149	5288	12.009	ng	#	89
85) Indeno(1,2,3-cd)pyrene	28.48	276	1816	3.320	ng	#	77
87) Benzo(b)fluoranthene	23.83	252	6982	14.971	ng		94
88) Benzo(k)fluoranthene	23.90	252	4275	9.376	ng		95
89) Benzo(a)pyrene	24.69	252	2903	6.691	ng	#	92
91) Benzo(g,h,i)perylene	29.62	276	1988	4.770	ng	#	74

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036255.D
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Sample : J4398-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 10 08:22:27 2018
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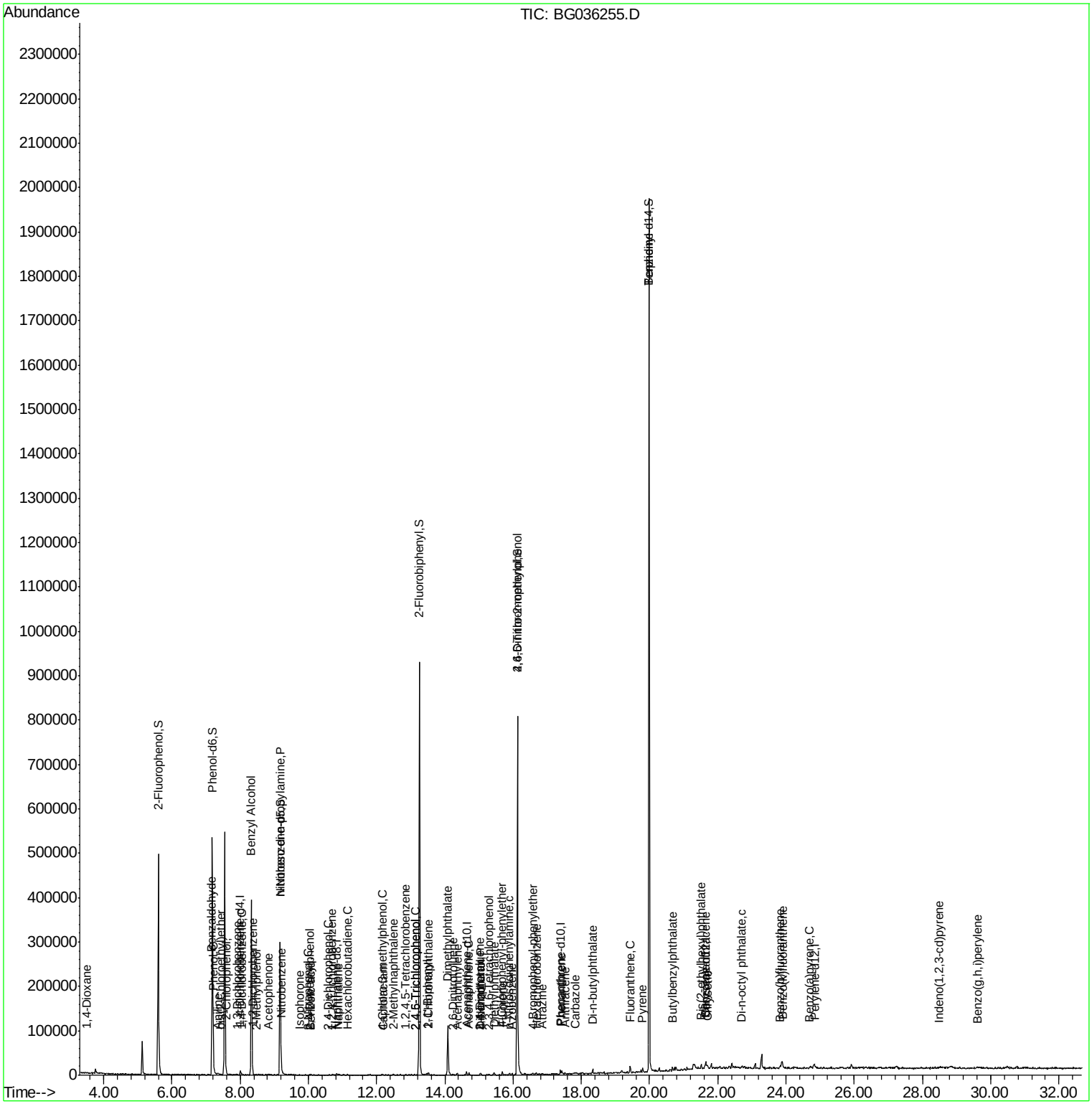
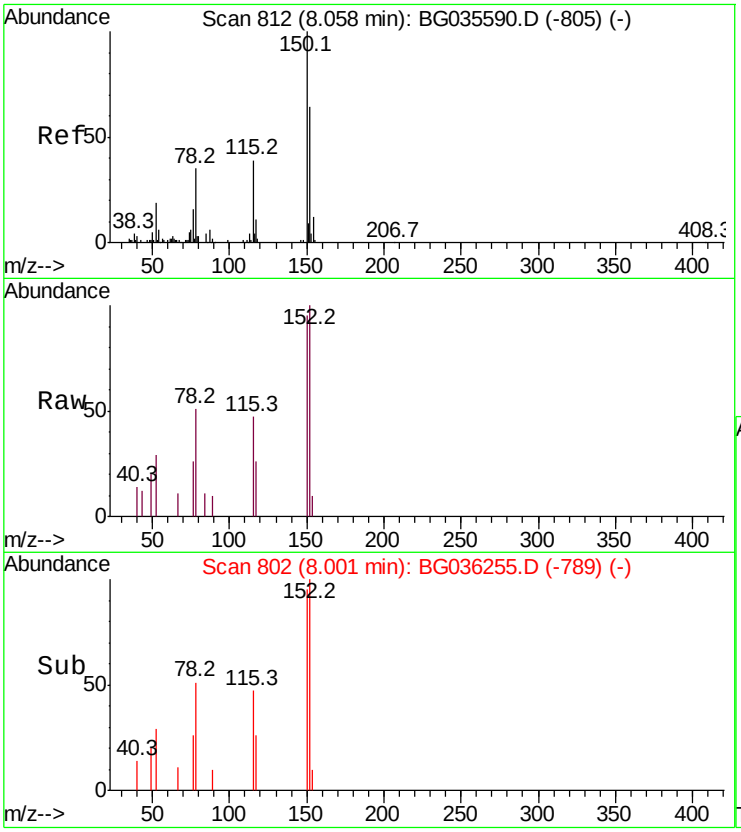


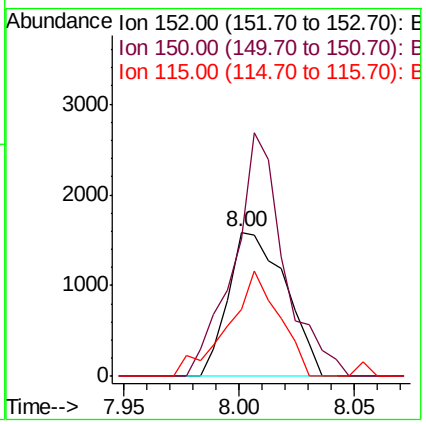


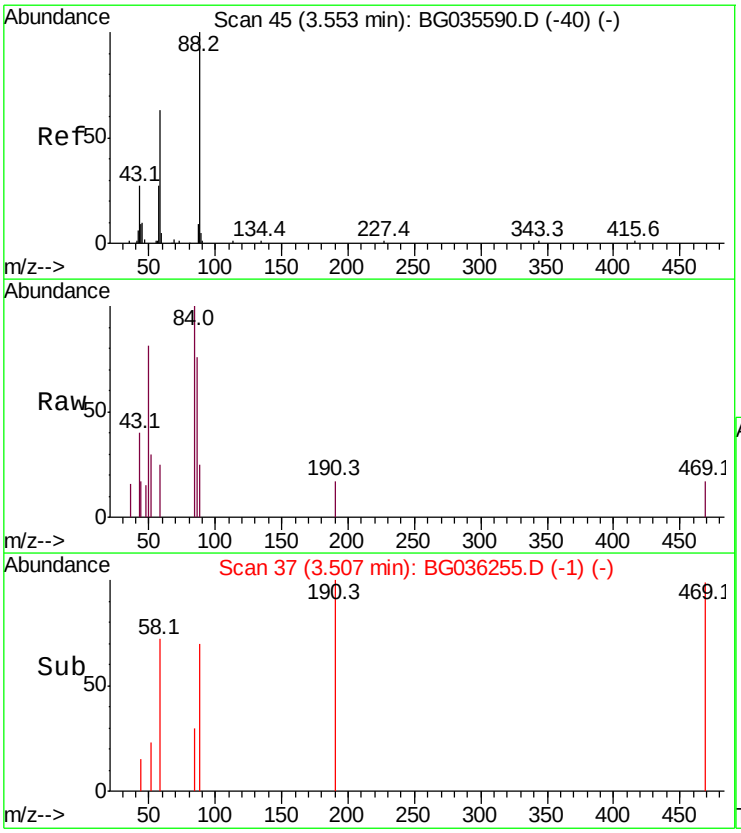
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:152 Resp: 2762

Ion	Ratio	Lower	Upper
152	100		
150	95.1	126.6	189.8#
115	46.6	53.0	79.4#

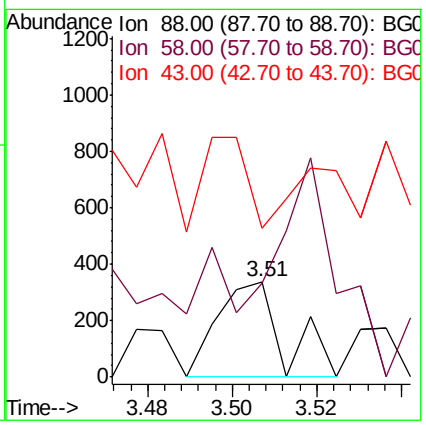


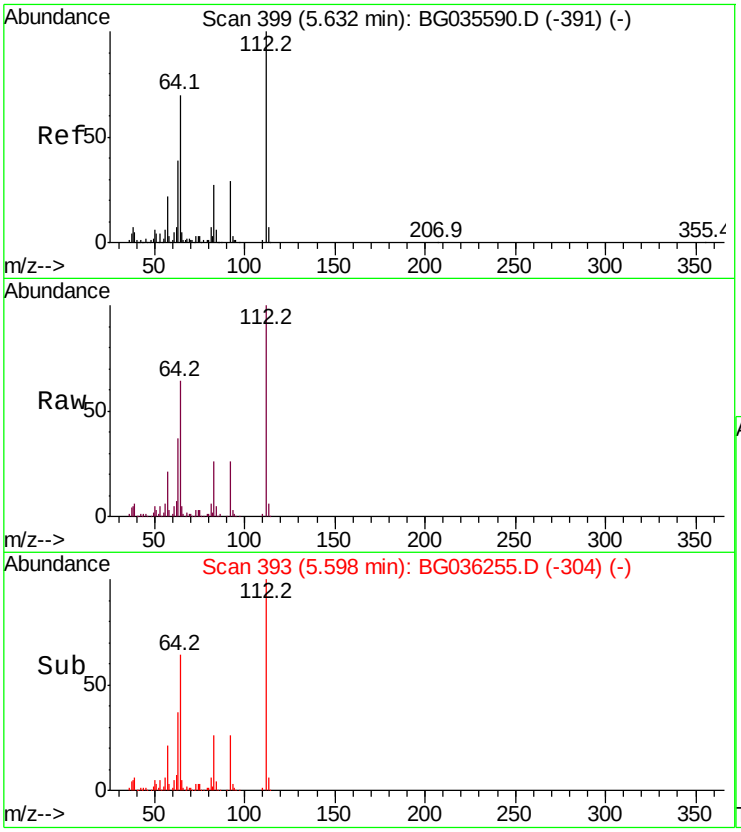


#2
1,4-Dioxane
Concen: 4.370 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 88 Resp: 370

Ion	Ratio	Lower	Upper
88	100		
58	214.1	79.6	119.4#
43	33.2	27.4	41.0



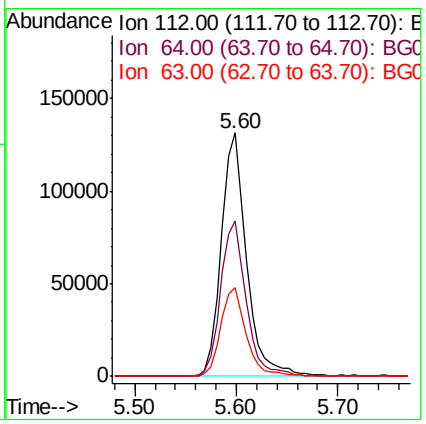


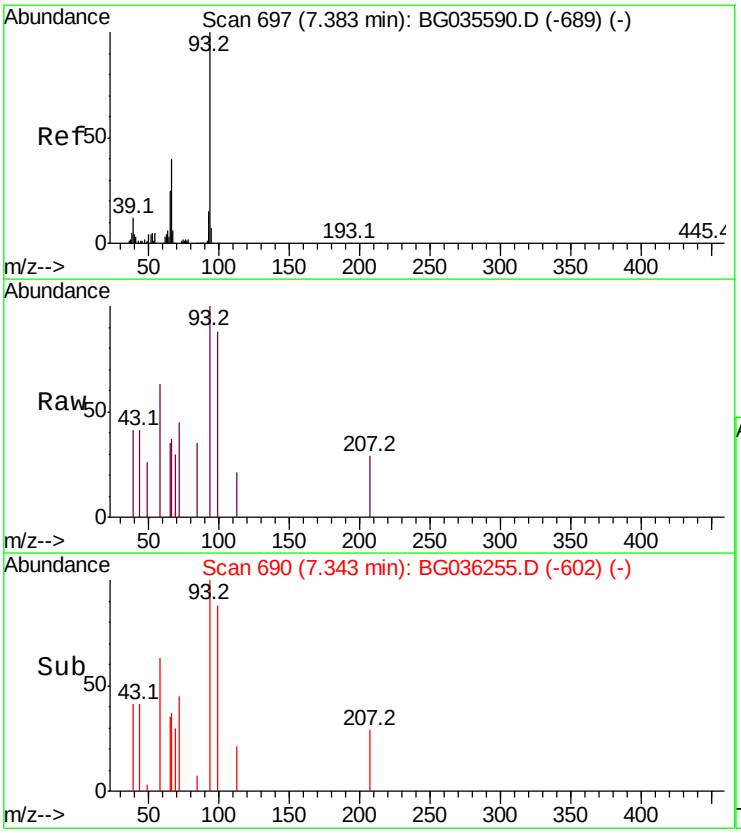
#5
2-Fluorophenol
Concen: 1367.674 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:112 Resp: 227529

Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.3	84.5
63	36.7	30.1	45.1

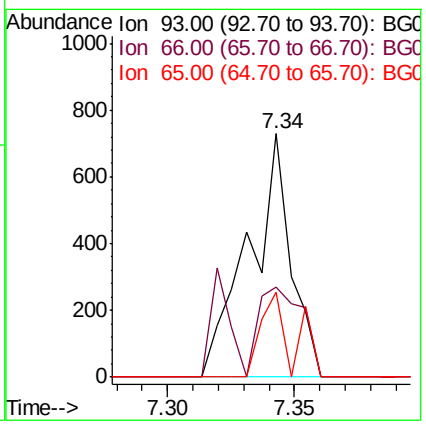


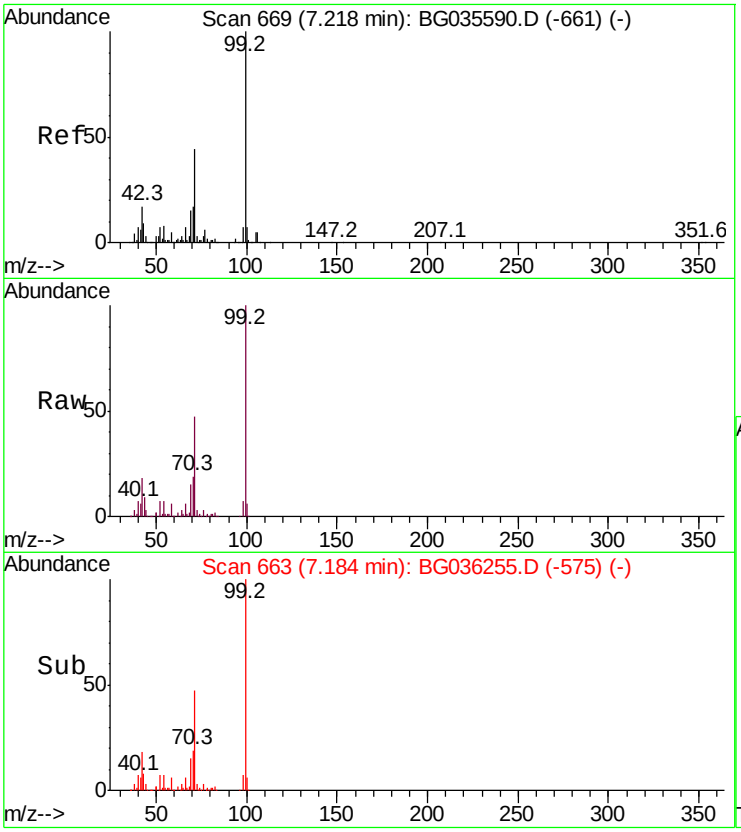


#6
Aniline
Concen: 2.614 ng
RT: 7.34 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 93 Resp: 841

Ion	Ratio	Lower	Upper
93	100		
66	37.2	33.7	50.5
65	35.1	16.1	24.1#



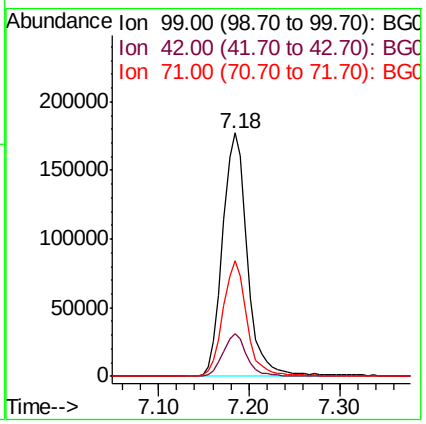


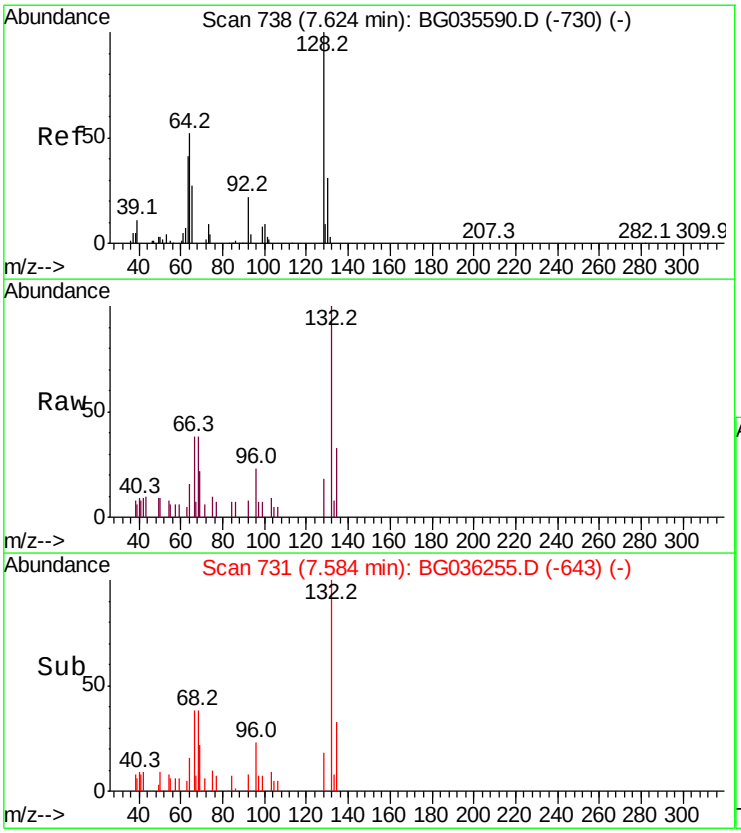
#7
Phenol-d6
Concen: 1356.572 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 99 Resp: 336715

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	47.3	26.1	39.1#

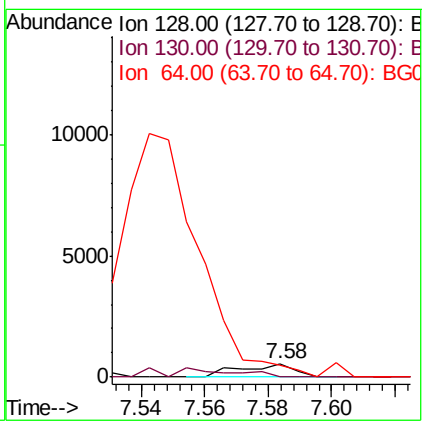


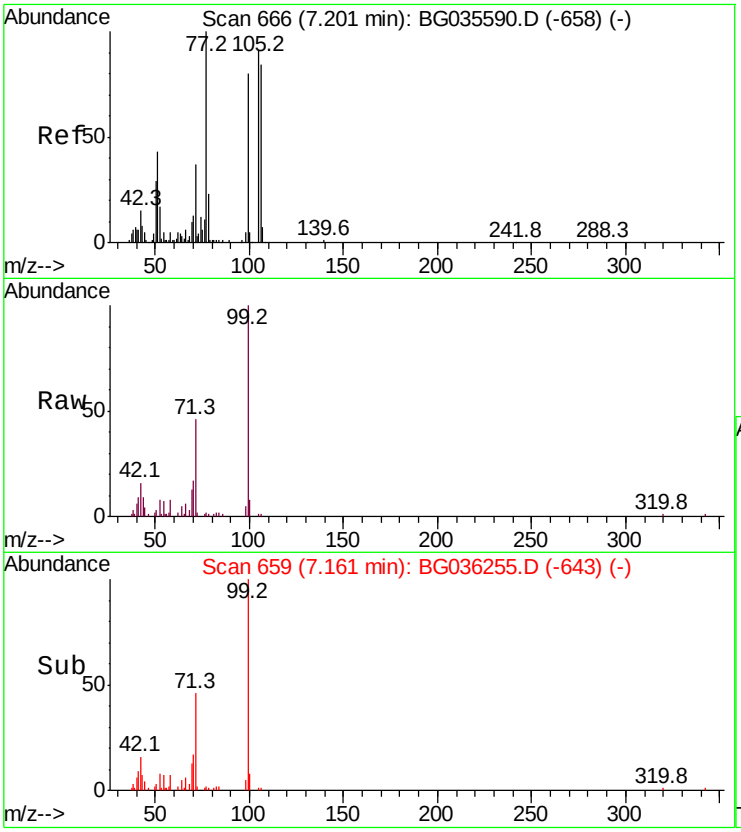


#8
2-Chlorophenol
Concen: 3.853 ng
RT: 7.58 min Scan# 731
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:128 Resp: 652

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	88.0	37.7	77.7#



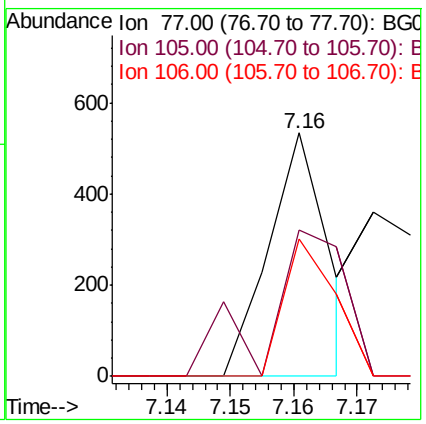


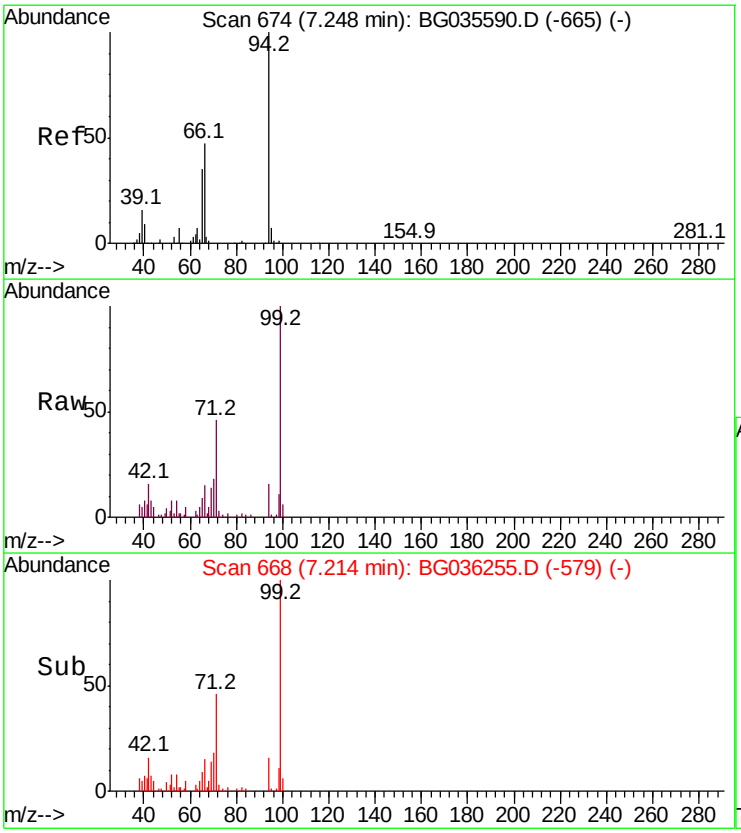
#9
Benzaldehyde
Concen: 2.265 ng
RT: 7.16 min Scan# 659
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument : BNA_G
ClientSampleId : EPE-P10A(0-5)

Tgt Ion: 77 Resp: 345

Ion	Ratio	Lower	Upper
77	100		
105	59.9	71.3	111.3#
106	56.6	64.2	104.2#

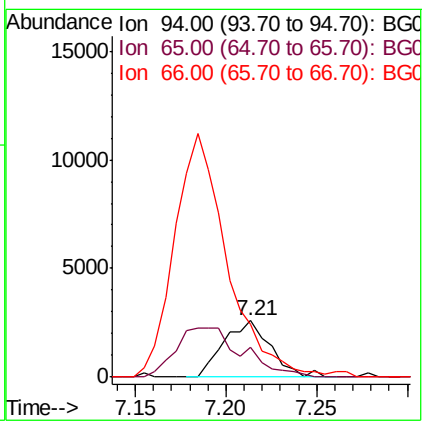


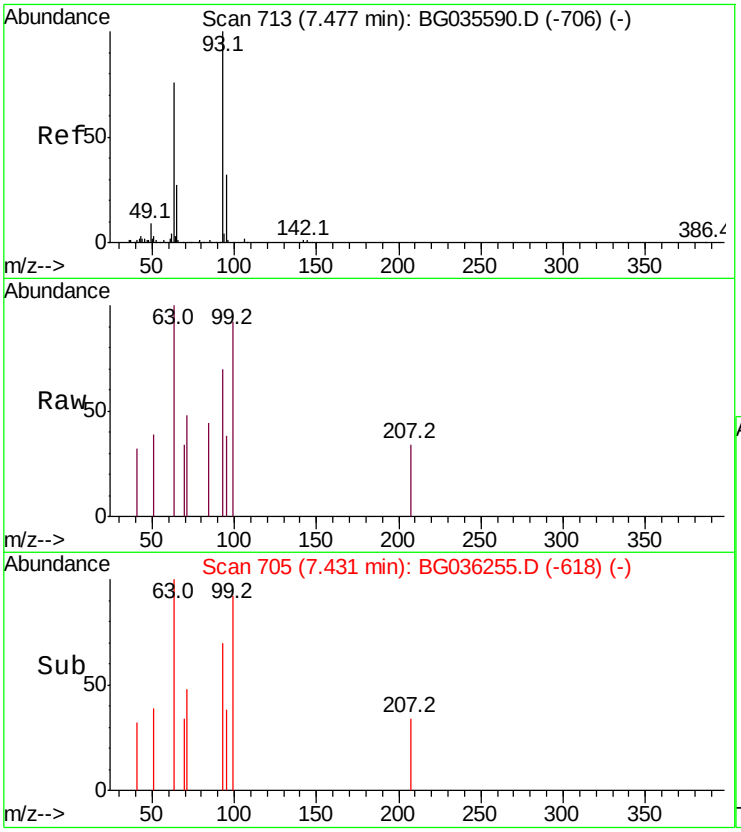


#10
Phenol
Concen: 18.408 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 94 Resp: 4616

Ion	Ratio	Lower	Upper
94	100		
65	53.7	11.9	51.9#
66	93.5	22.2	62.2#



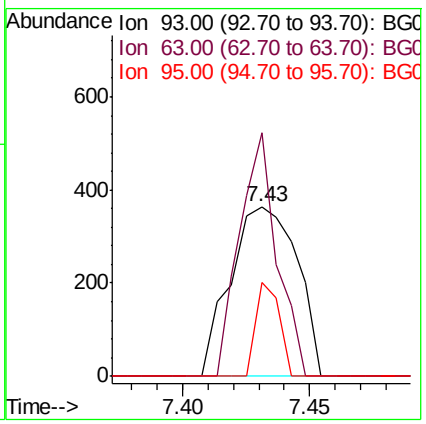


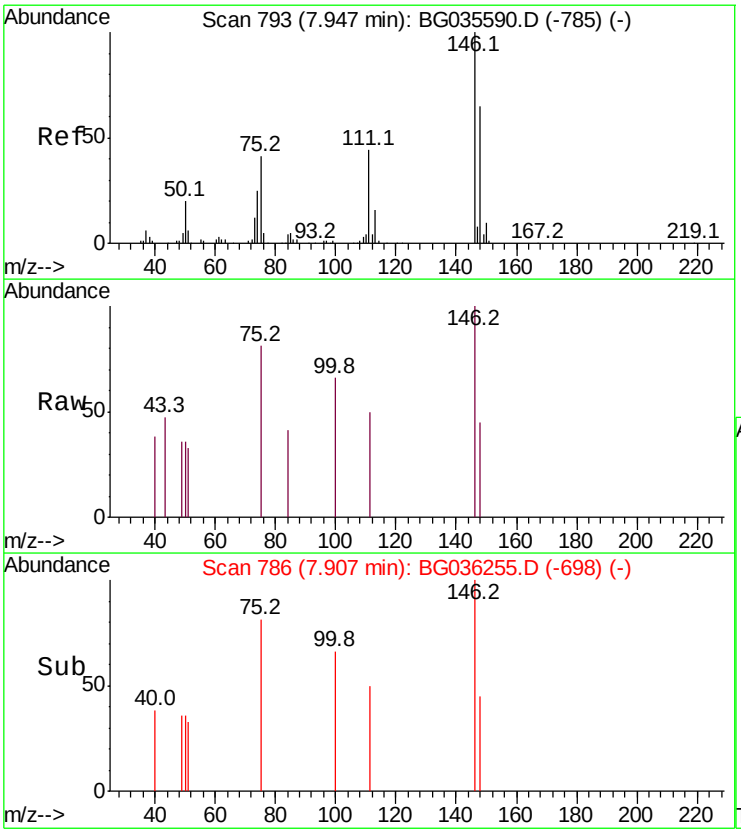
#11
bis(2-Chloroethyl)ether
Concen: 3.401 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 93 Resp: 668

Ion	Ratio	Lower	Upper
93	100		
63	143.7	67.1	107.1#
95	54.9	11.5	51.5#

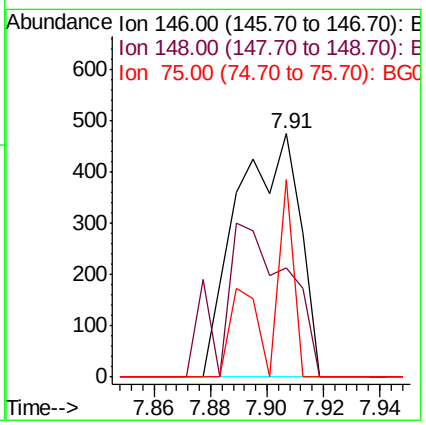


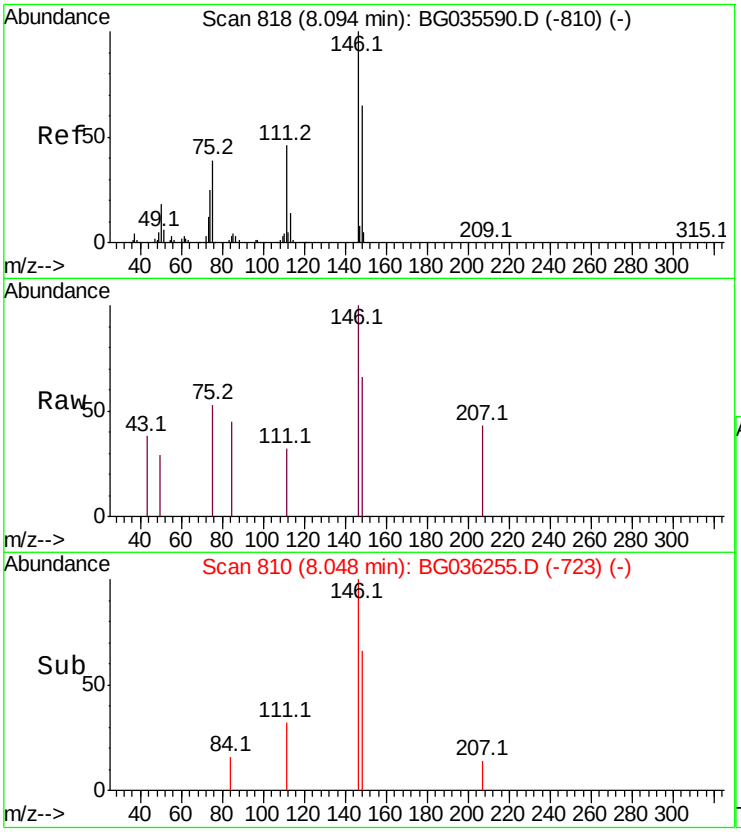


#12
1,3-Dichlorobenzene
Concen: 3.583 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:146 Resp: 732

Ion	Ratio	Lower	Upper
146	100		
148	45.1	51.4	77.2#
75	81.4	26.6	39.8#



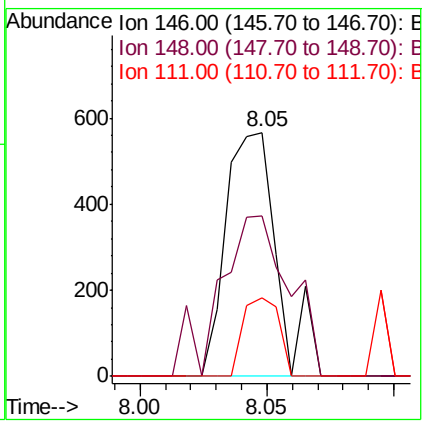


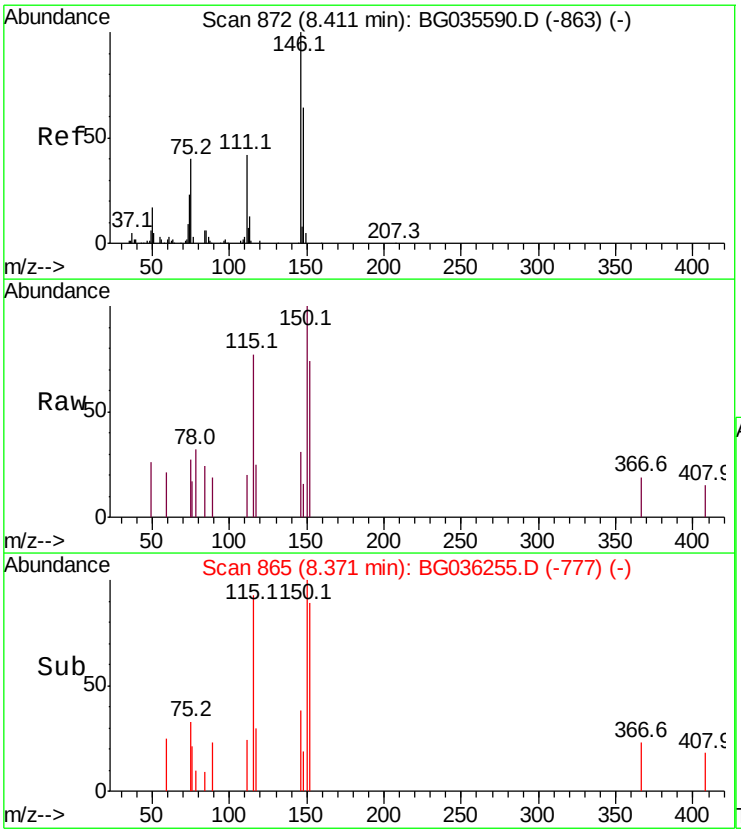
#13
1,4-Dichlorobenzene
Concen: 3.854 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:146 Resp: 800

Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.7	80.5
111	32.0	35.2	52.8#

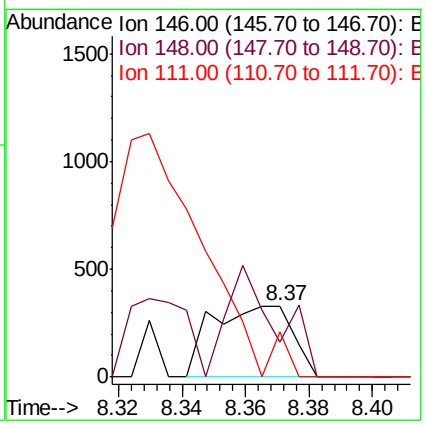


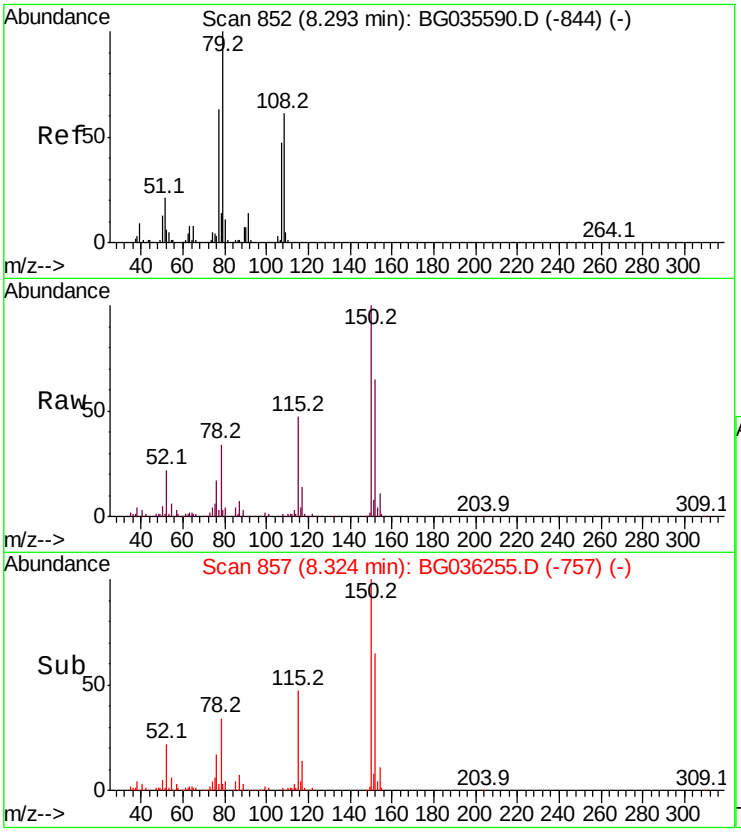


#14
1,2-Dichlorobenzene
Concen: 2.913 ng
RT: 8.37 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:146 Resp: 581

Ion	Ratio	Lower	Upper
146	100		
148	50.2	49.3	73.9
111	62.9	34.3	51.5#



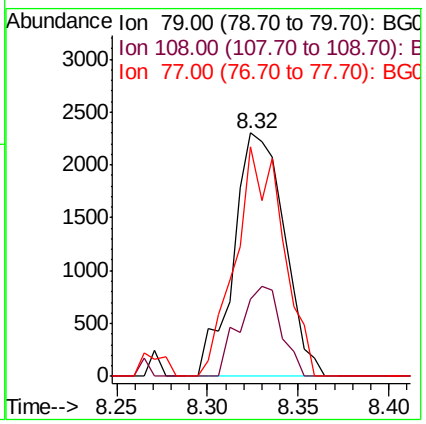


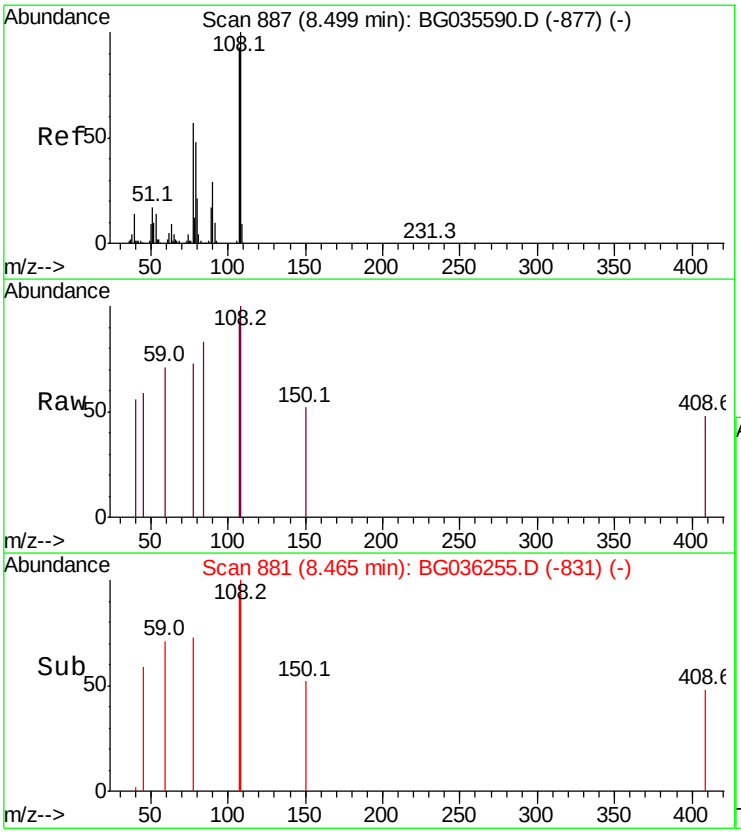
#15
Benzyl Alcohol
Concen: 19.845 ng
RT: 8.32 min Scan# 857
Delta R.T. 0.06 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 79 Resp: 4473

Ion	Ratio	Lower	Upper
79	100		
108	31.6	57.2	85.8#
77	94.2	46.1	69.1#

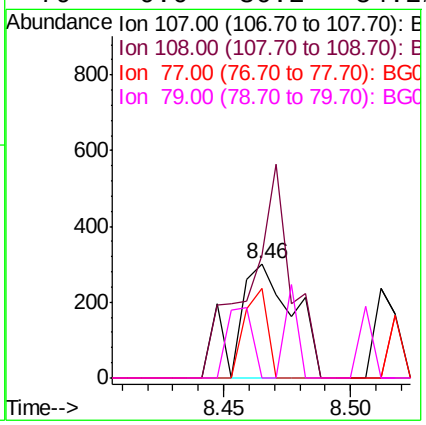


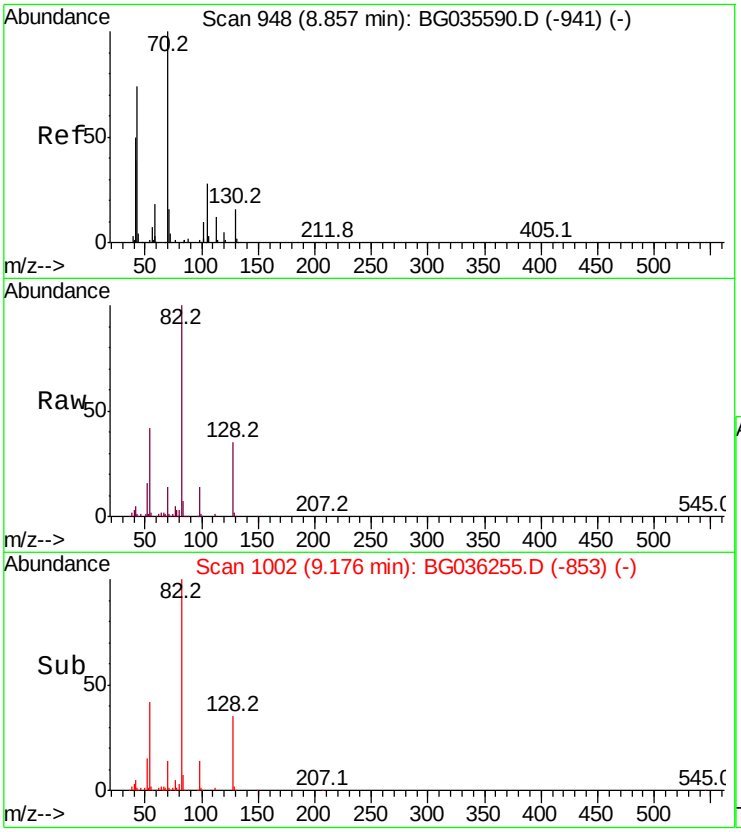


#17
2-Methylphenol
Concen: 2.798 ng
RT: 8.46 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:107 Resp: 477

Ion	Ratio	Lower	Upper
107	100		
108	107.9	83.9	125.9
77	78.8	37.2	55.8#
79	0.0	36.2	54.2#



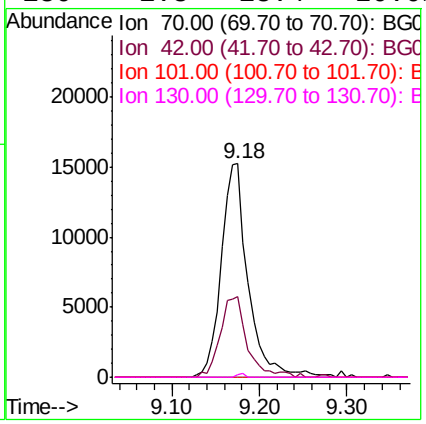


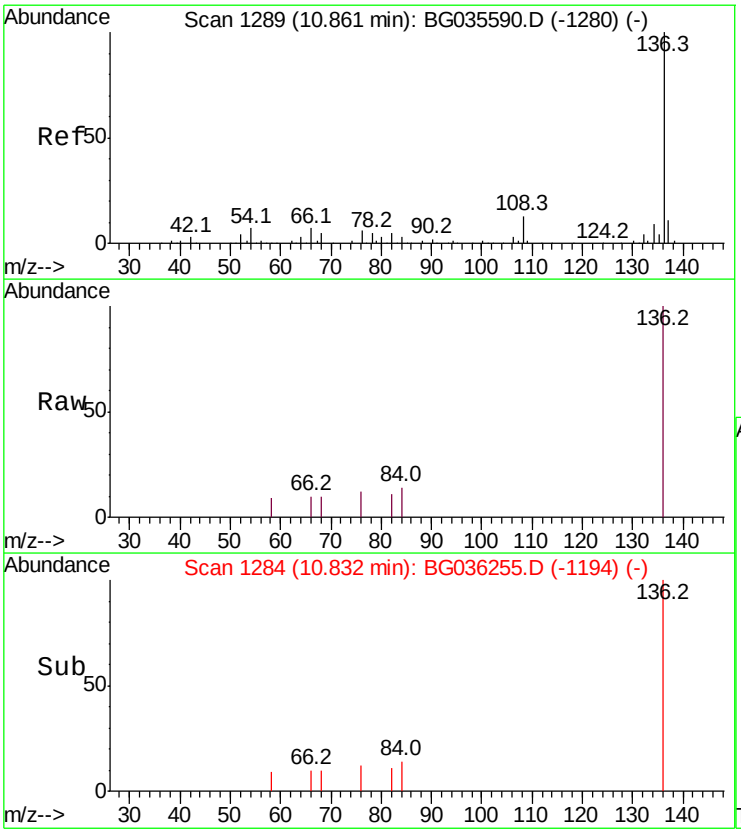
#19
n-Nitroso-di-n-propylamine
Concen: 153.880 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.35 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 70 Resp: 32163

Ion	Ratio	Lower	Upper
70	100		
42	37.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#

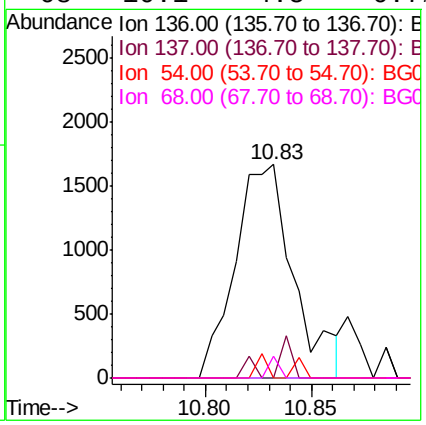


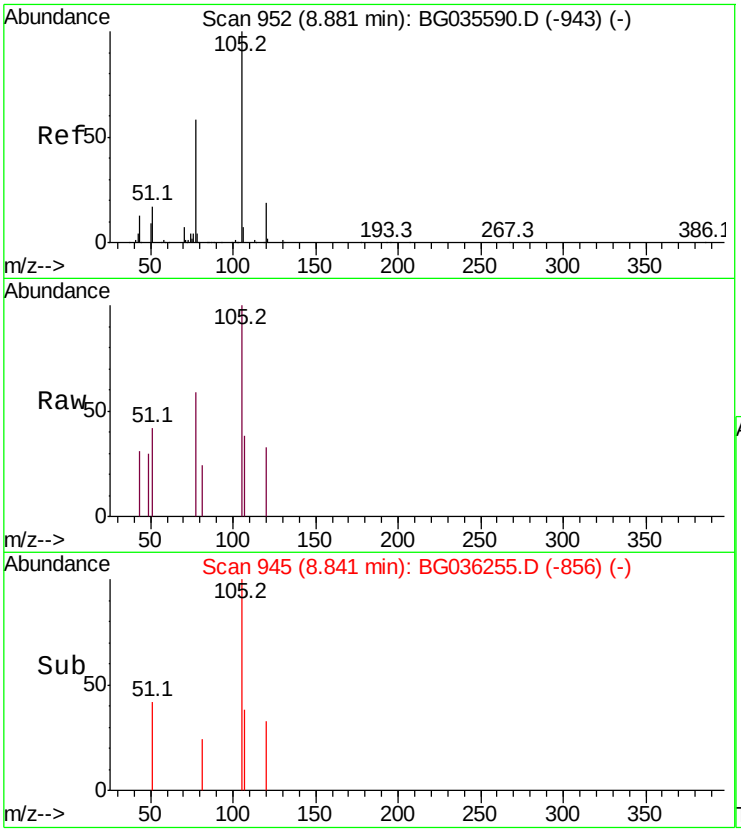


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:136 Resp: 3206

Ion	Ratio	Lower	Upper
136	100		
137	0.0	9.2	13.8#
54	0.0	10.3	15.5#
68	10.1	4.5	6.7#



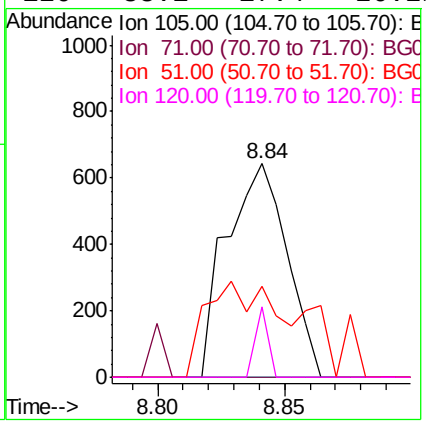


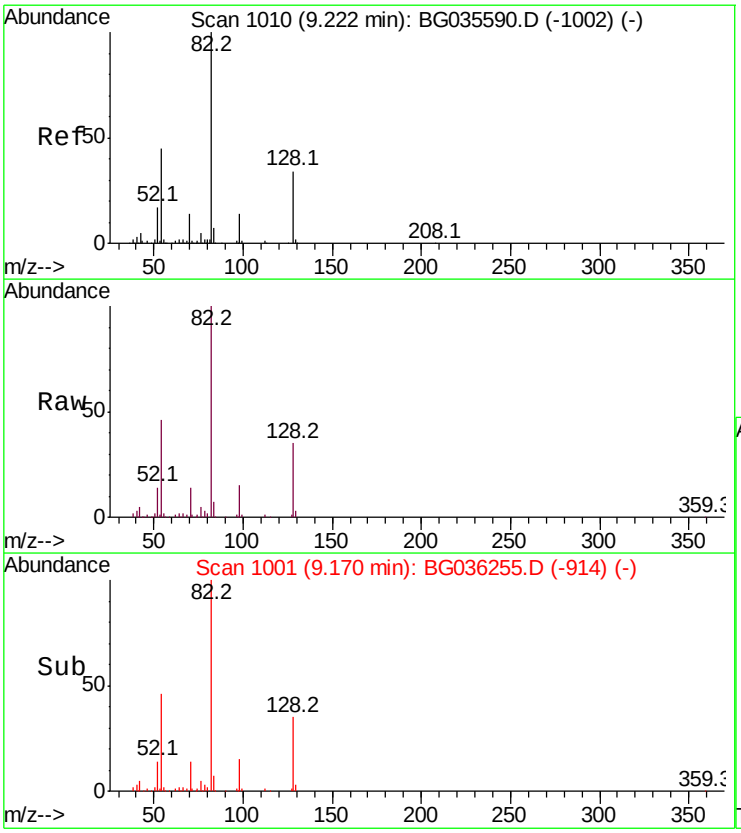
#22
Acetophenone
Concen: 10.743 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:105 Resp: 1071

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	42.5	26.1	39.1#
120	33.1	17.4	26.2#

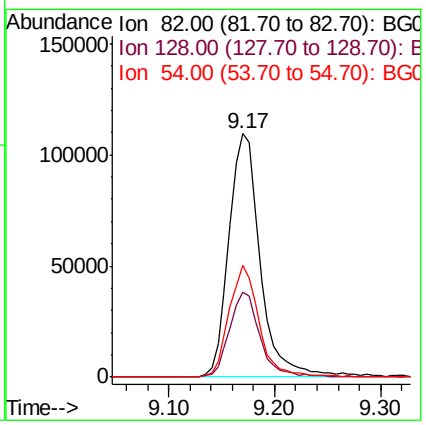


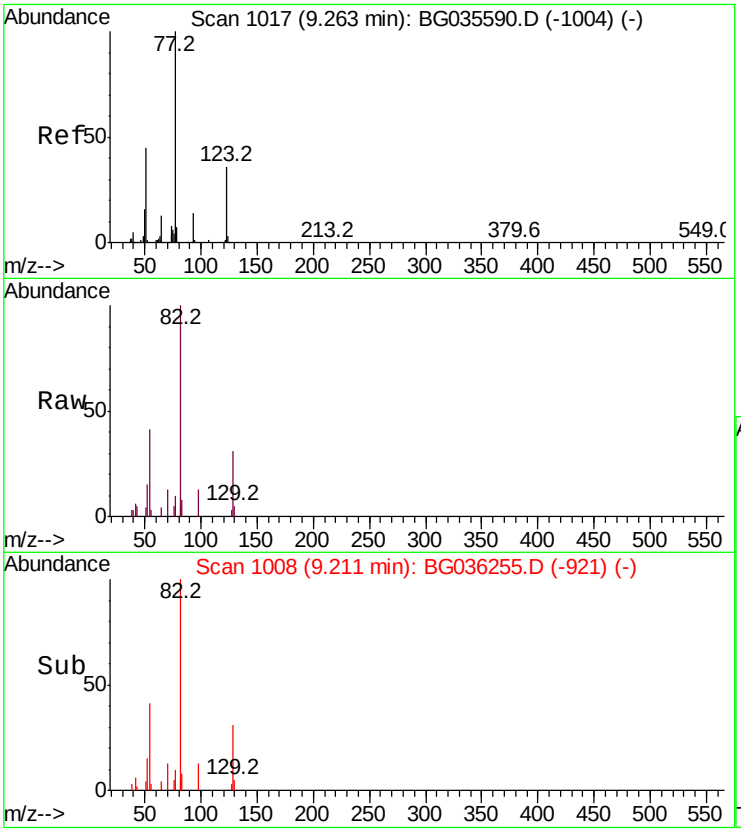


#23
Nitrobenzene-d5
Concen: 2916.973 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 82 Resp: 223863

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	45.9	43.1	64.7



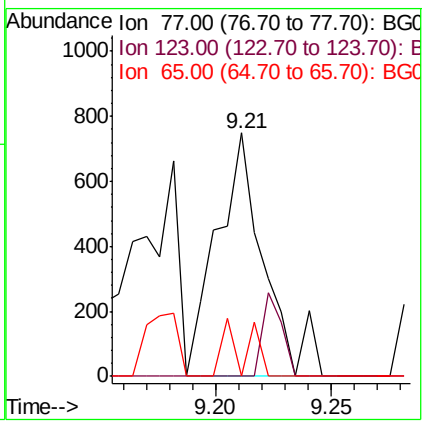


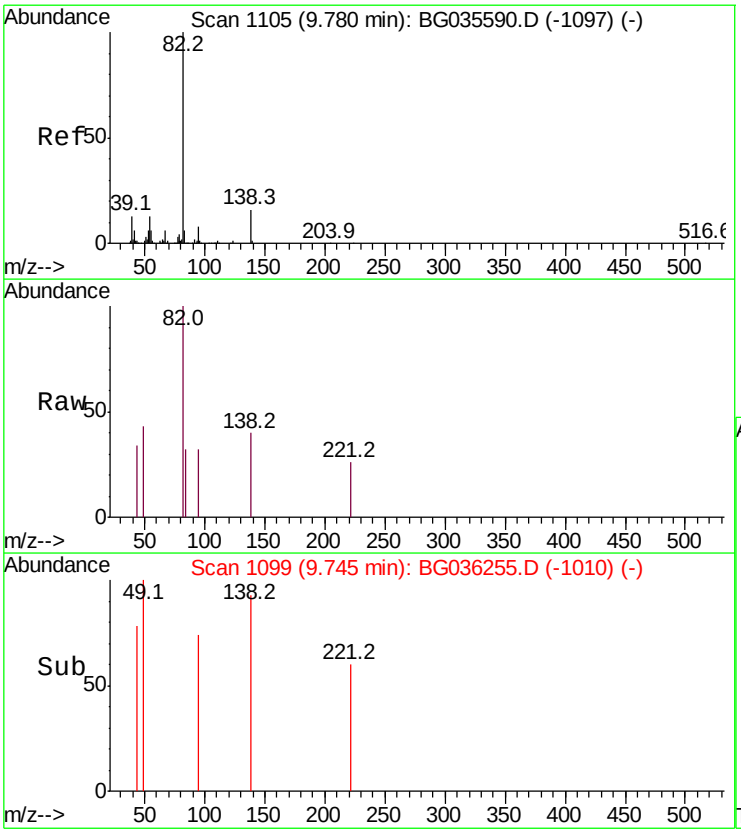
#24
Nitrobenzene
Concen: 13.876 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion: 77 Resp: 1071

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#

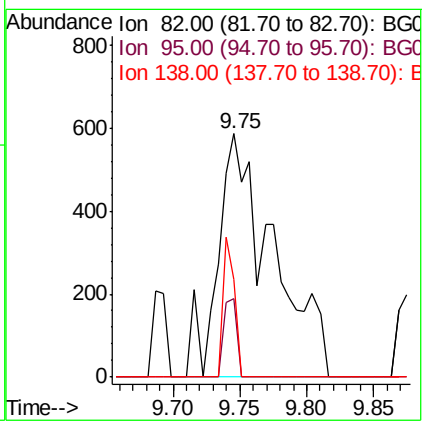


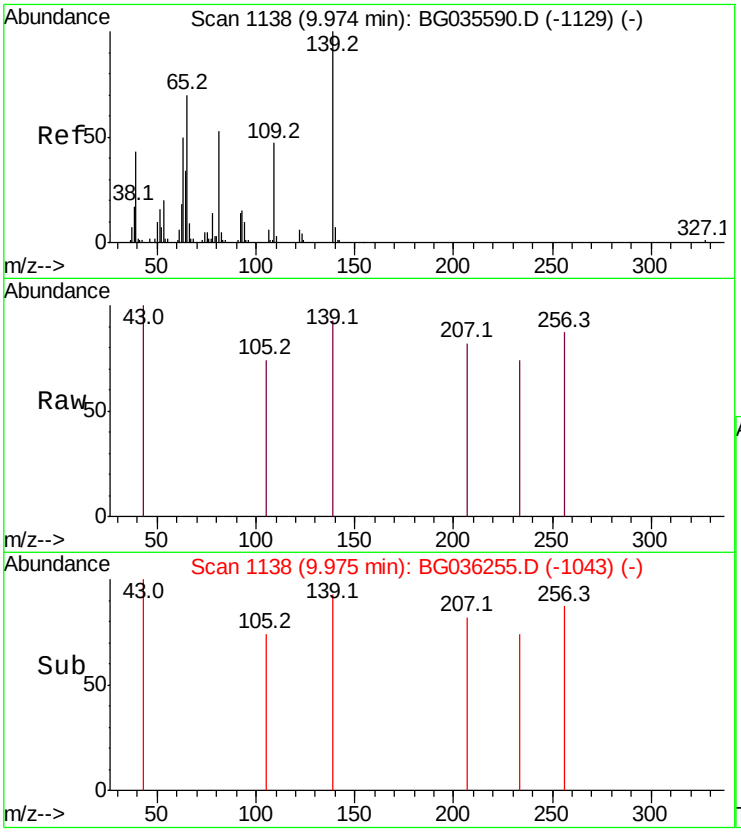


#25
Isophorone
Concen: 11.792 ng
RT: 9.75 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 82 Resp: 1680

Ion	Ratio	Lower	Upper
82	100		
95	32.1	6.2	9.2#
138	40.0	12.1	18.1#



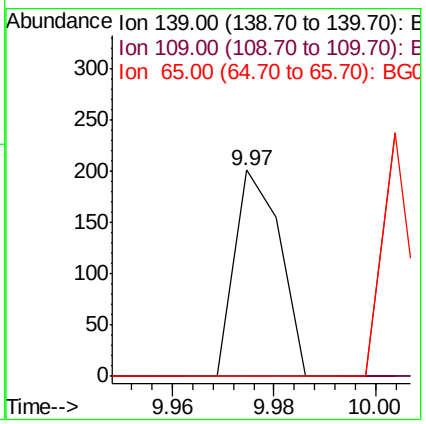


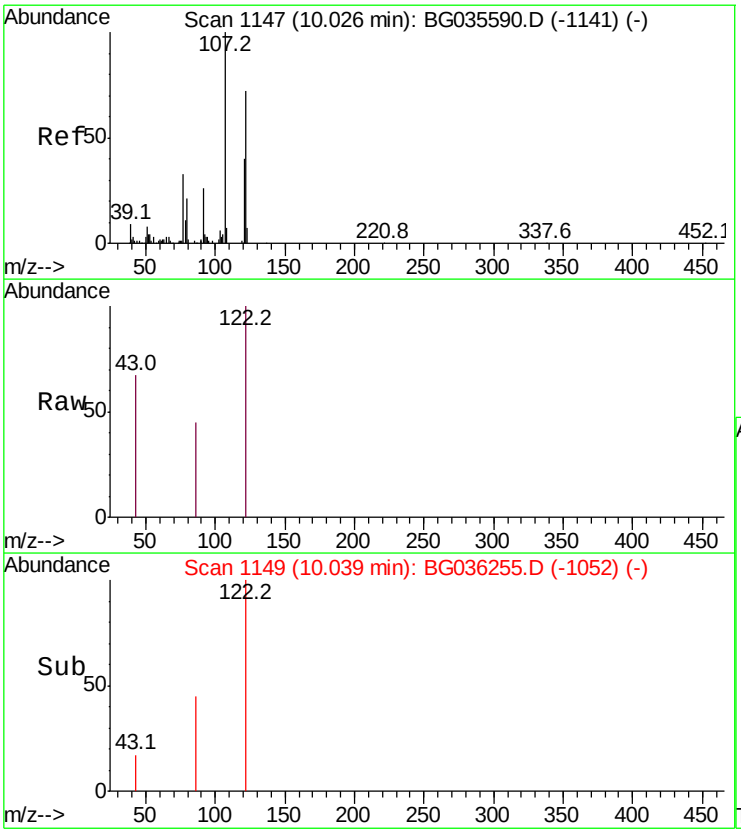
#26
2-Nitrophenol
Concen: 4.597 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.03 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:139 Resp: 126

Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#

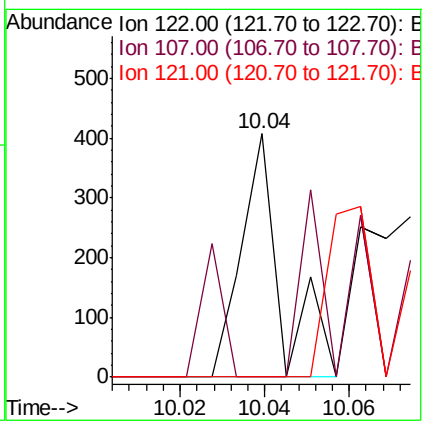


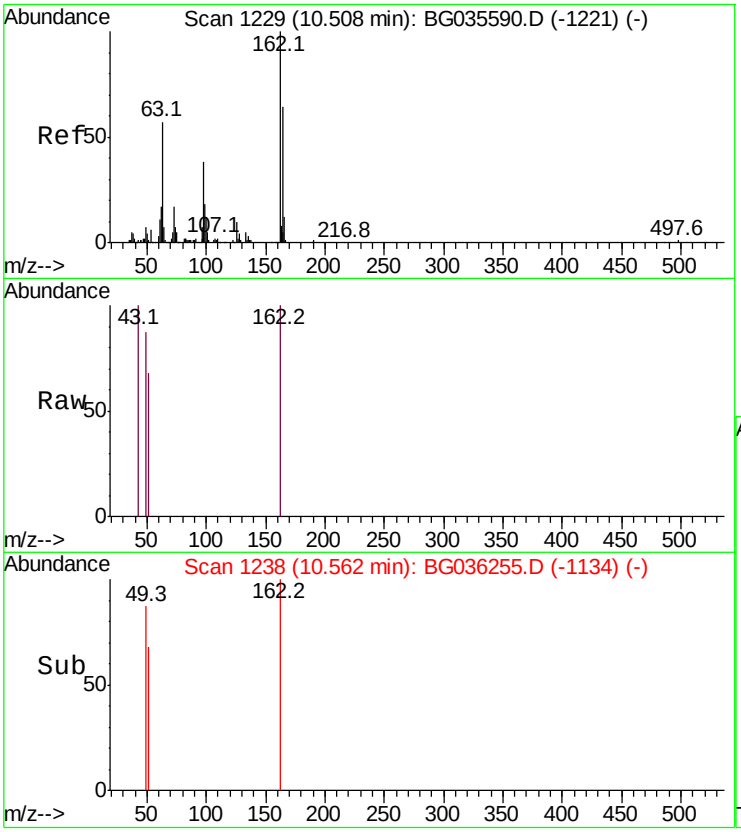


#27
2,4-Dimethylphenol
Concen: 5.668 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.04 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:122 Resp: 263

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



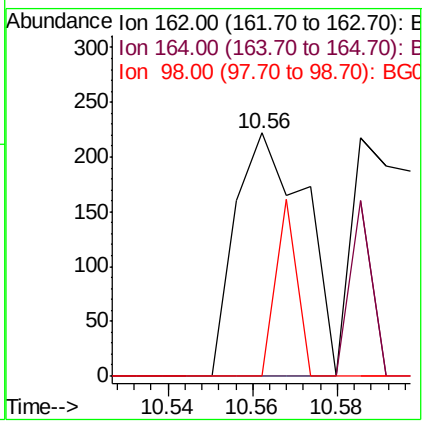


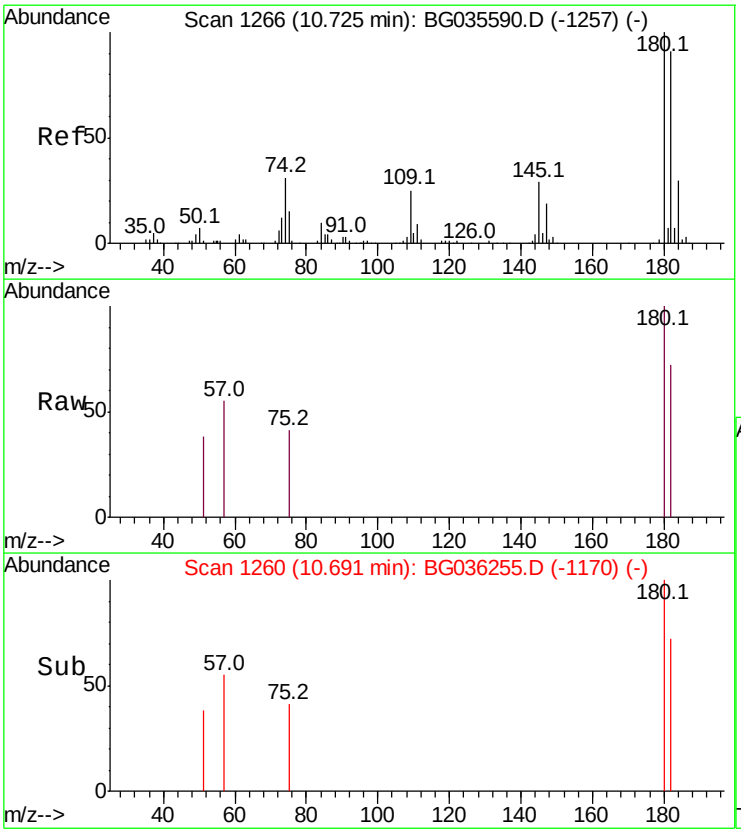
#29
2,4-Dichlorophenol
Concen: 4.796 ng
RT: 10.56 min Scan# 1238
Delta R.T. 0.08 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:162 Resp: 254

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#

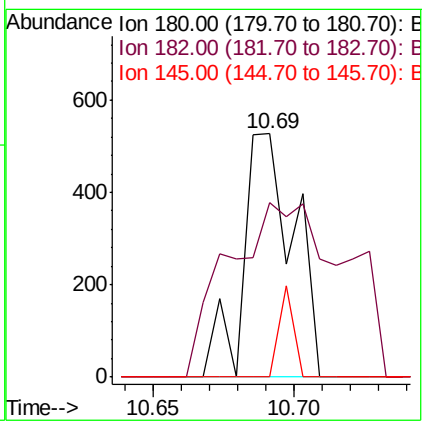


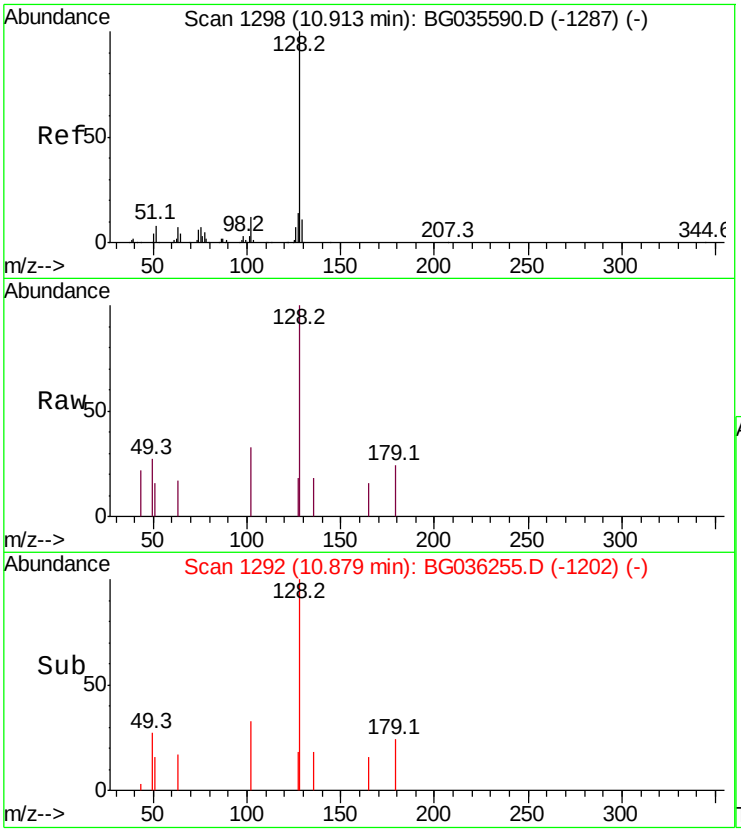


#30
1,2,4-Trichlorobenzene
Concen: 10.131 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:180 Resp: 658

Ion	Ratio	Lower	Upper
180	100		
182	71.9	77.5	116.3#
145	0.0	23.4	35.2#



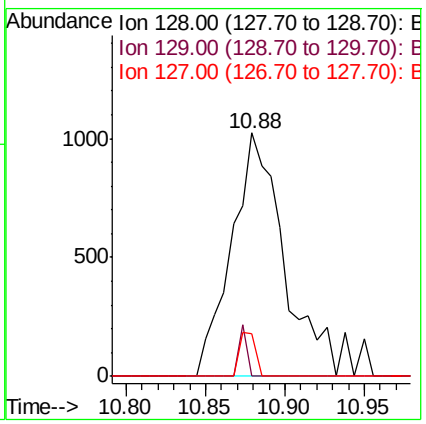


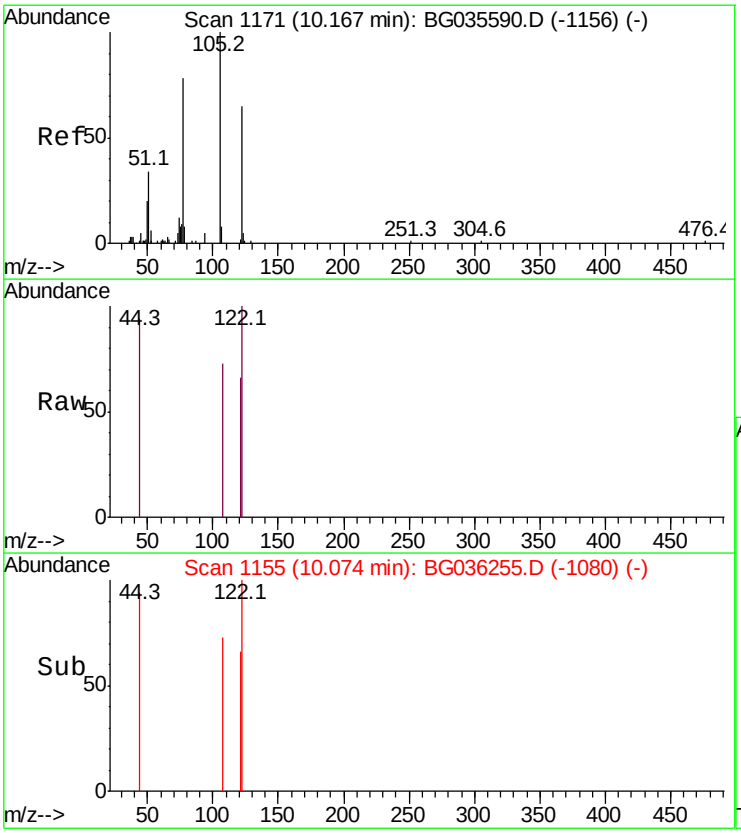
#31
Naphthalene
Concen: 14.024 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:128 Resp: 2342

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	17.6	11.6	17.4#

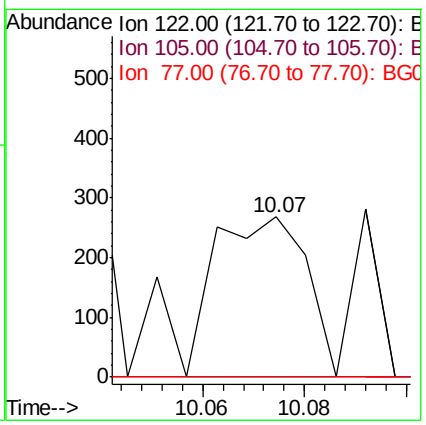


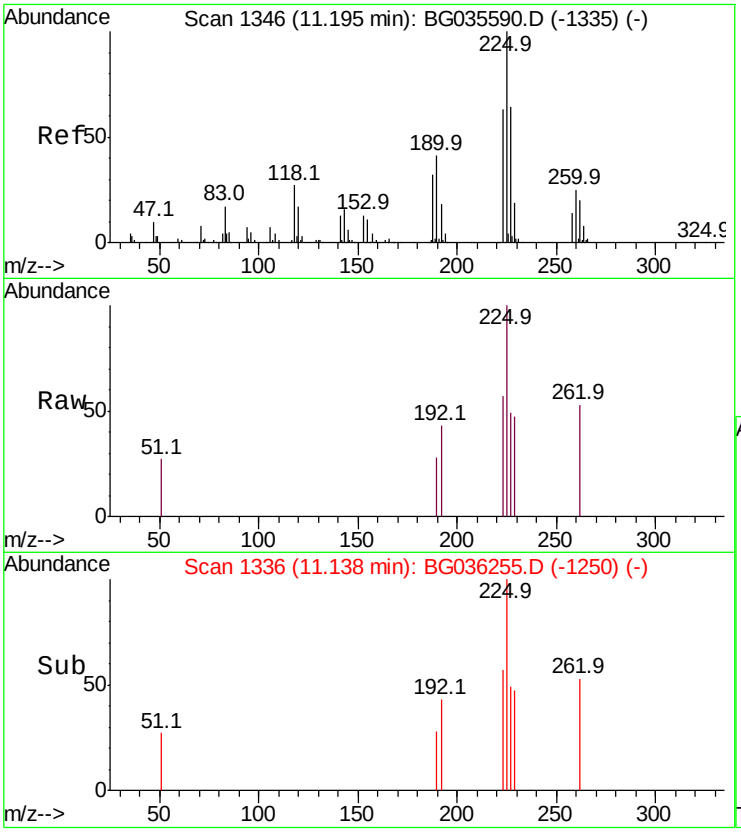


#32
Benzoic acid
Concen: 10.789 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.09 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:122 Resp: 337

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



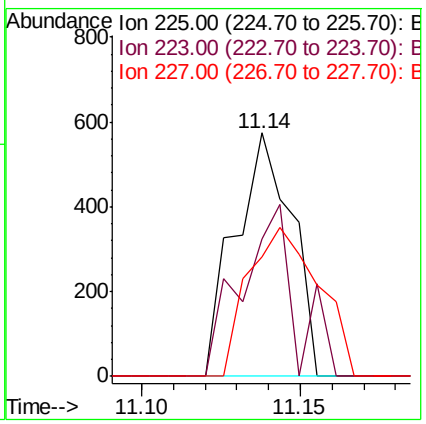


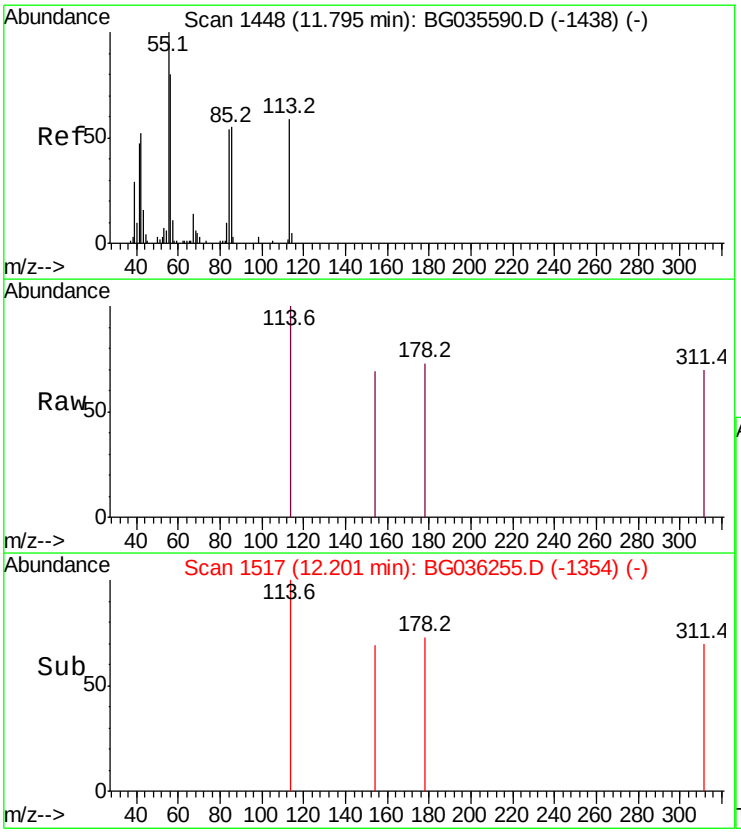
#34
Hexachlorobutadiene
Concen: 14.039 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:225 Resp: 711

Ion	Ratio	Lower	Upper
225	100		
223	56.6	49.7	74.5
227	49.3	48.1	72.1

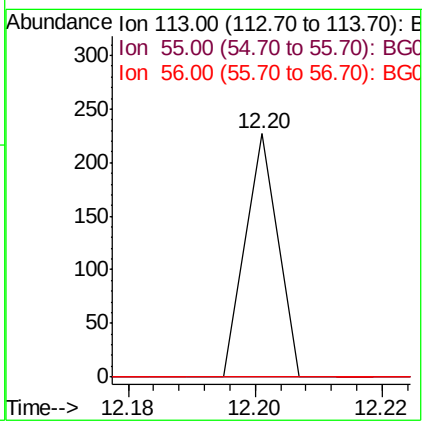


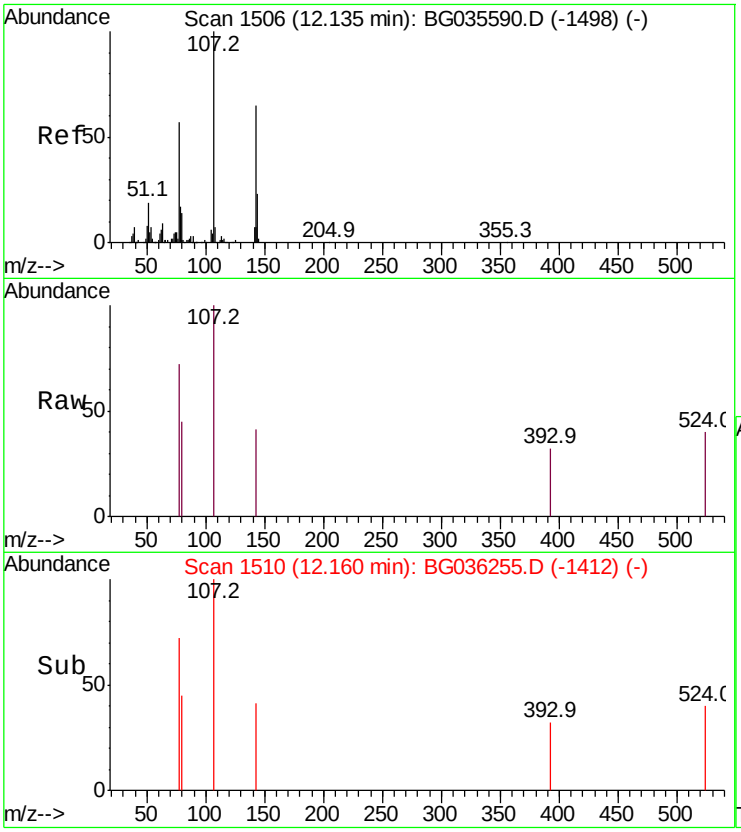


#35
Caprolactam
Concen: 3.520 ng
RT: 12.20 min Scan# 1517
Delta R.T. 0.43 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:113 Resp: 80

Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#



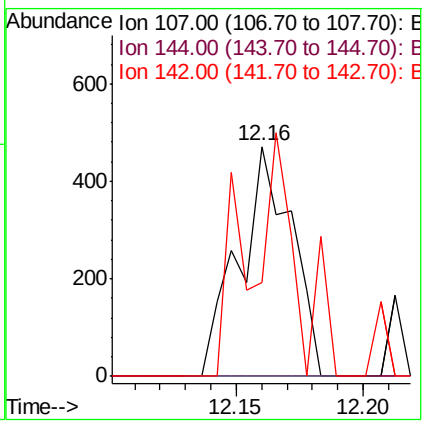


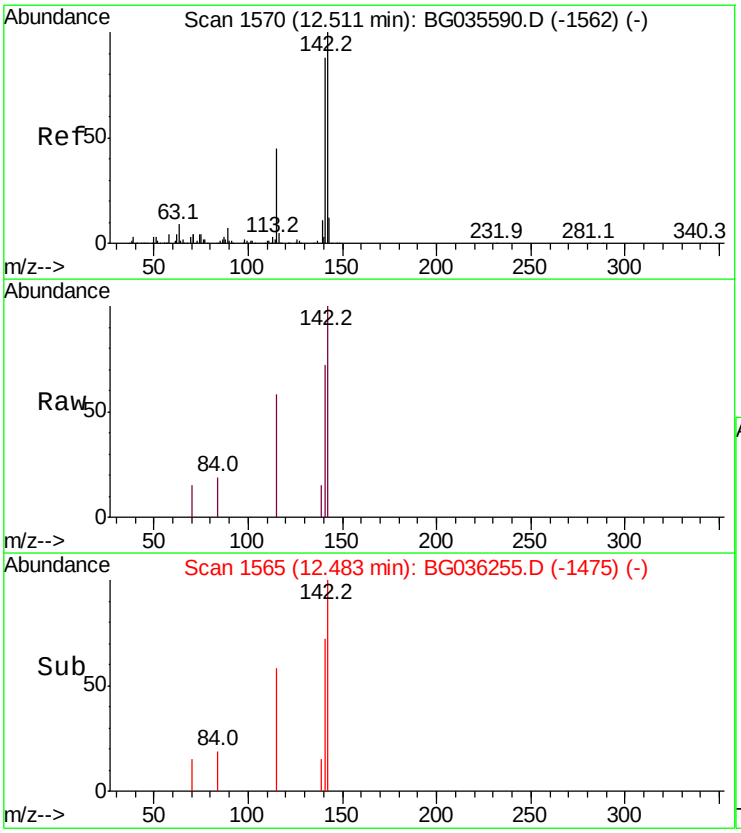
#36
4-Chloro-3-methylphenol
Concen: 9.550 ng
RT: 12.16 min Scan# 1510
Delta R.T. 0.05 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:107 Resp: 678

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	40.8	59.0	88.4#

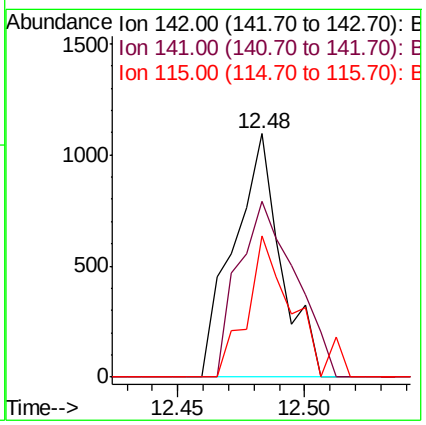


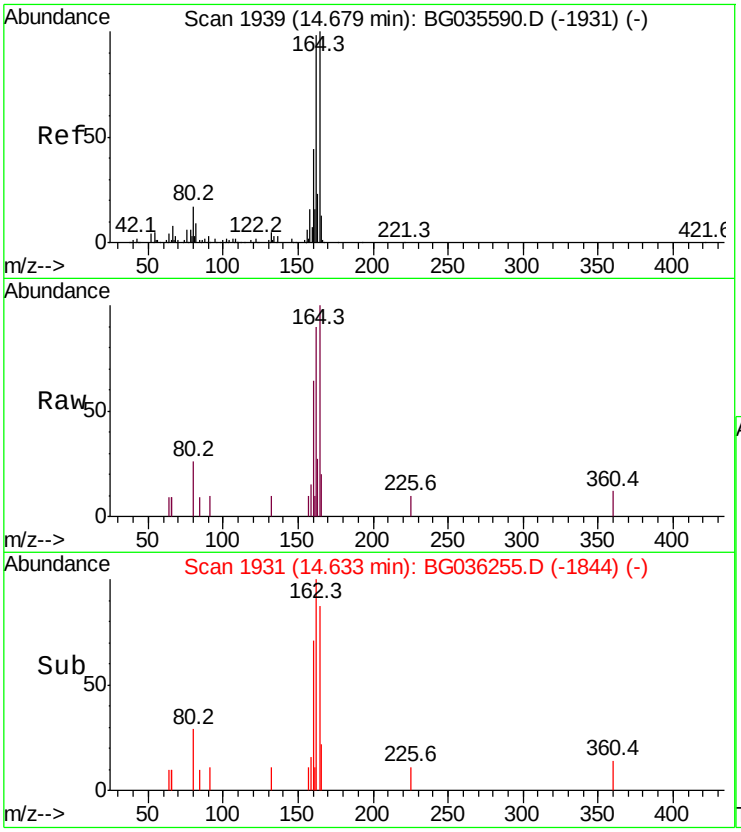


#37
2-Methylnaphthalene
Concen: 11.485 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:142 Resp: 1429

Ion	Ratio	Lower	Upper
142	100		
141	72.0	67.1	100.7
115	57.9	30.7	46.1#



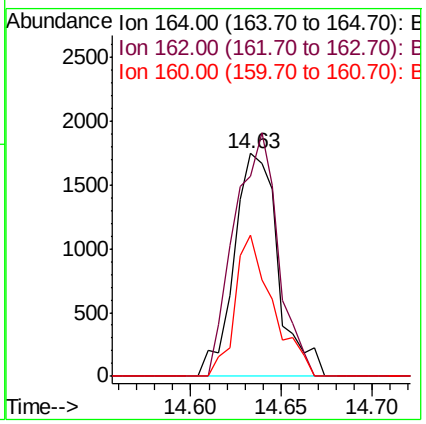


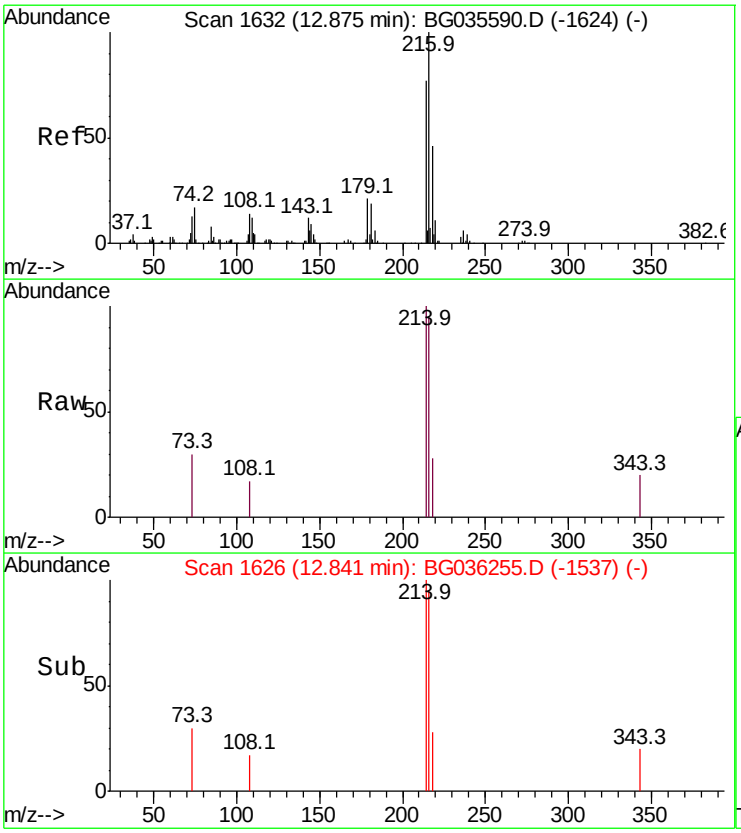
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:164 Resp: 2976

Ion	Ratio	Lower	Upper
164	100		
162	89.7	78.8	118.2
160	63.6	35.4	53.0#

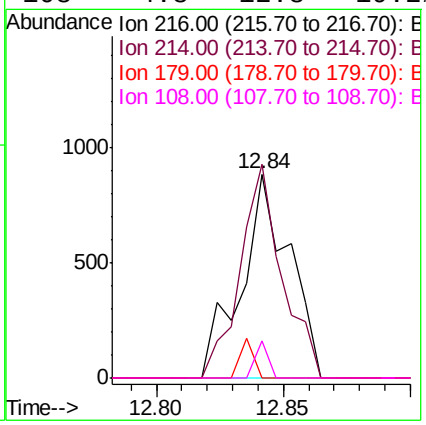


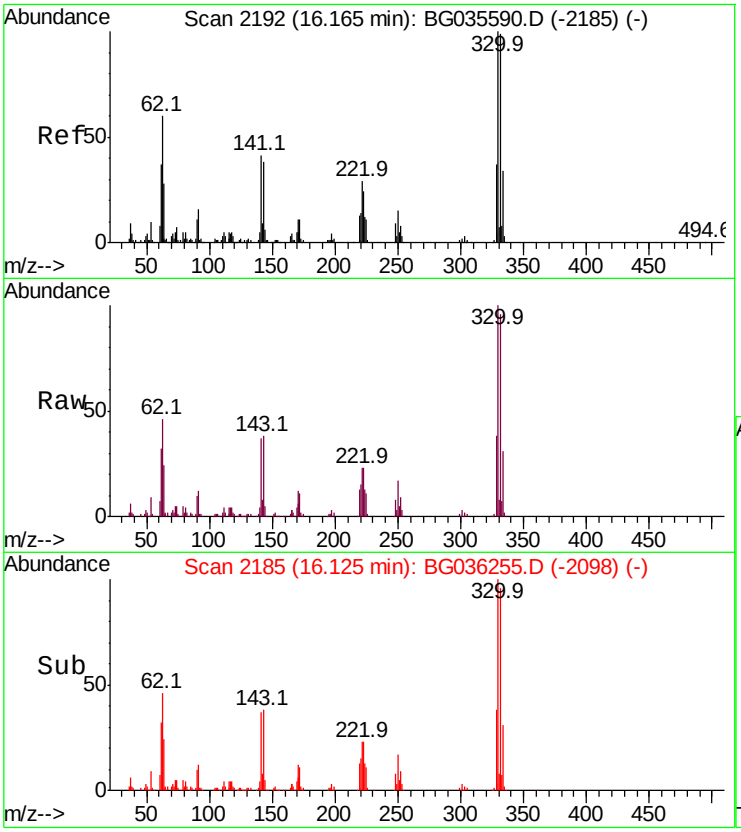


#39
1,2,4,5-Tetrachlorobenzene
Concen: 10.487 ng
RT: 12.84 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:216 Resp: 1178

Ion	Ratio	Lower	Upper
216	100		
214	90.2	63.0	94.4
179	5.2	17.0	25.6#
108	4.8	12.8	19.2#



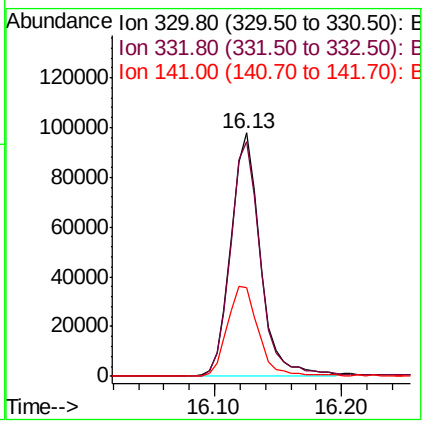


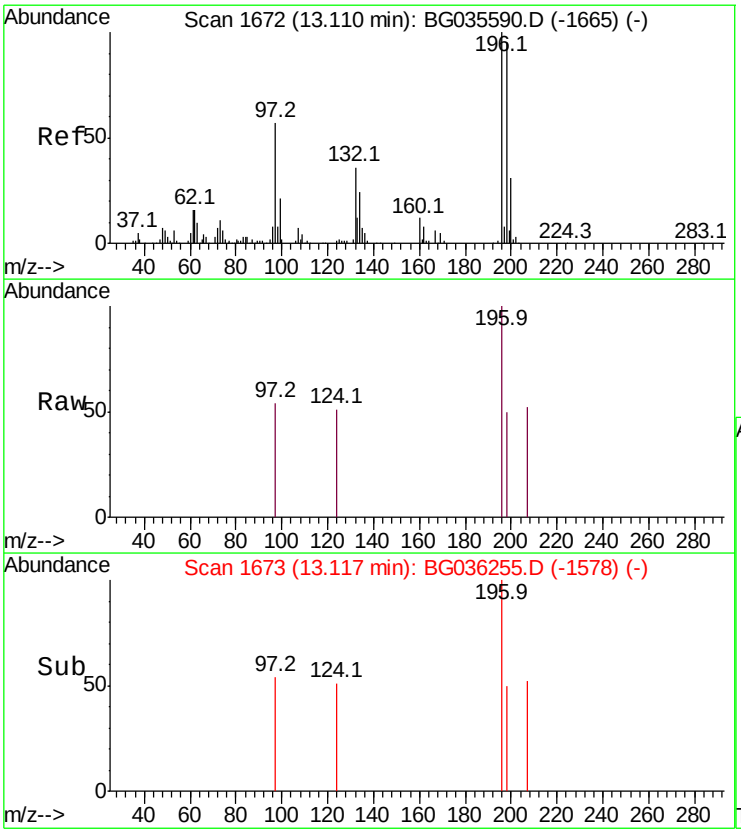
#41
2,4,6-Tribromophenol
Concen: 4003.967 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:330 Resp: 157058

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	39.5	25.2	37.8#

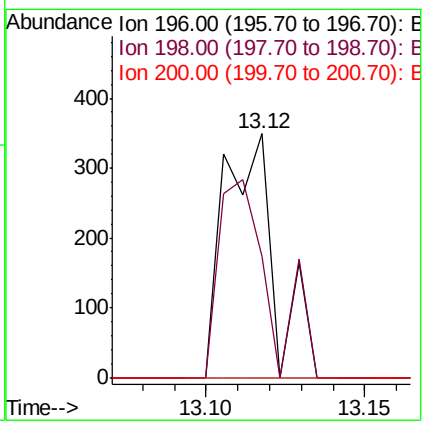


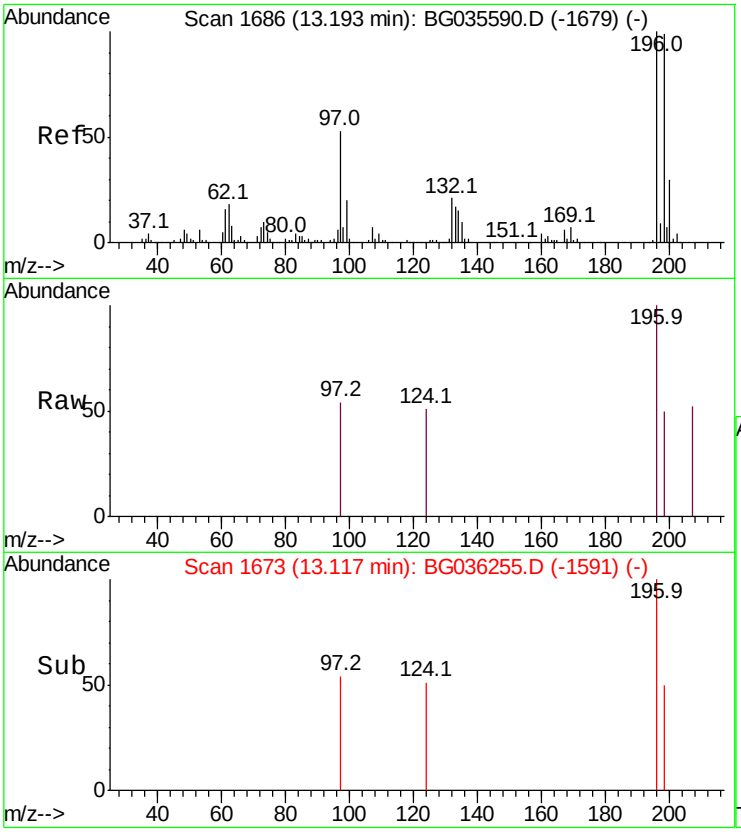


#42
2,4,6-Trichlorophenol
Concen: 5.861 ng
RT: 13.12 min Scan# 1673
Delta R.T. 0.03 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:196 Resp: 385

Ion	Ratio	Lower	Upper
196	100		
198	49.9	78.2	117.2#
200	0.0	24.6	36.8#



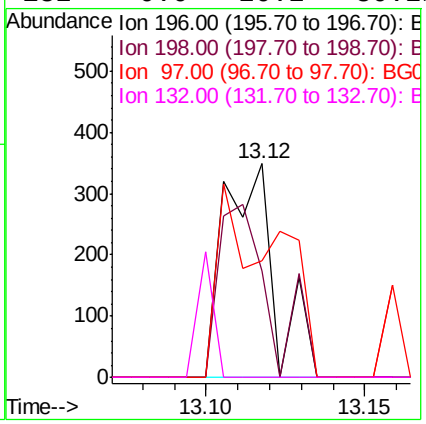


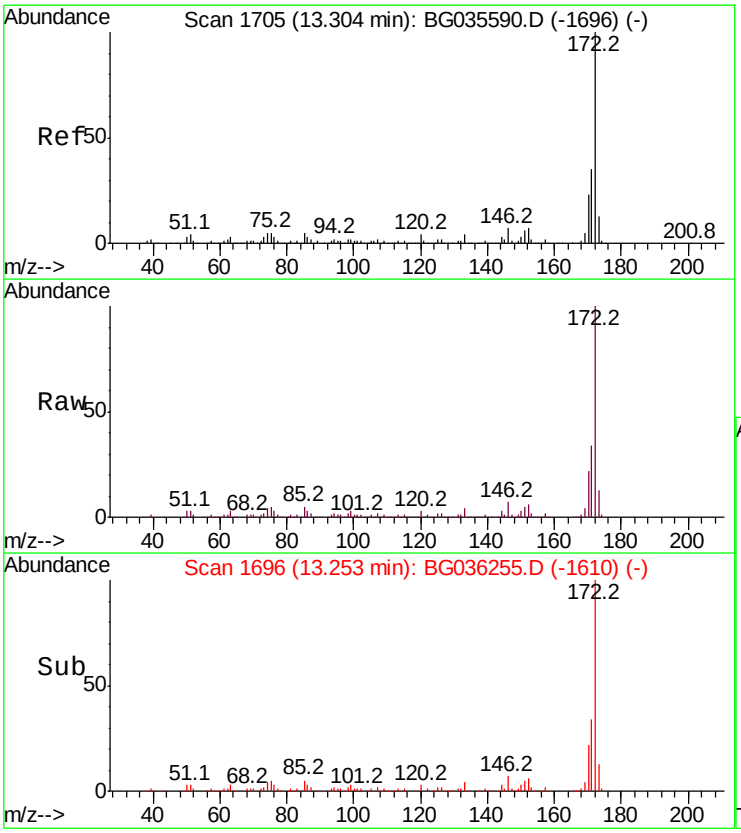
#43
2,4,5-Trichlorophenol
Concen: 5.239 ng
RT: 13.12 min Scan# 1673
Delta R.T. -0.05 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:196 Resp: 385

Ion	Ratio	Lower	Upper
196	100		
198	49.9	76.2	114.4#
97	54.4	38.7	58.1
132	0.0	20.2	30.2#

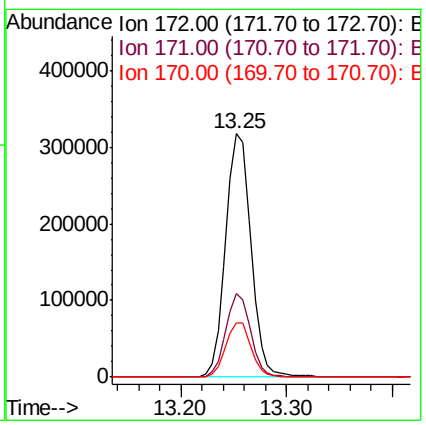


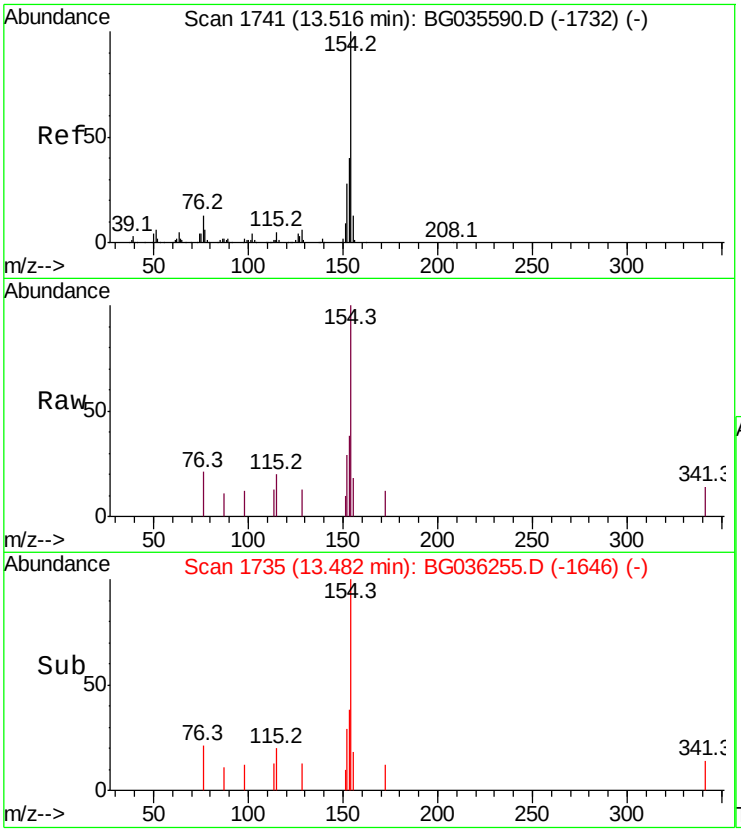


#44
2-Fluorobiphenyl
Concen: 2374.529 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:172 Resp: 527460

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.1	19.5	29.3



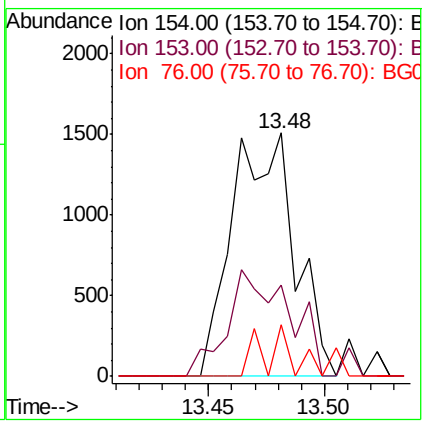


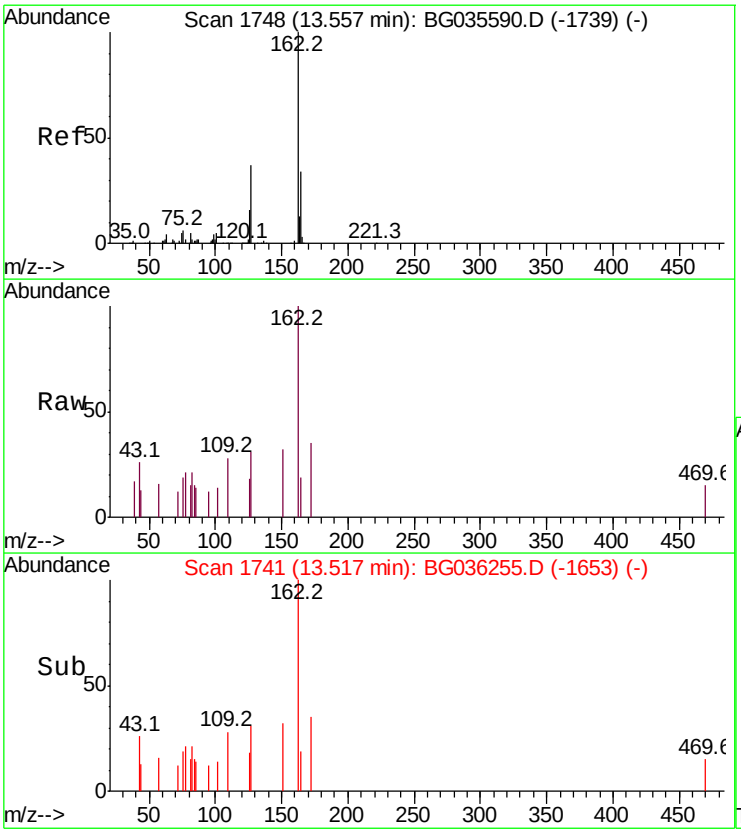
#45
1,1'-Biphenyl
Concen: 12.339 ng
RT: 13.48 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:154 Resp: 2847

Ion	Ratio	Lower	Upper
154	100		
153	37.6	19.8	59.8
76	21.3	0.0	31.9

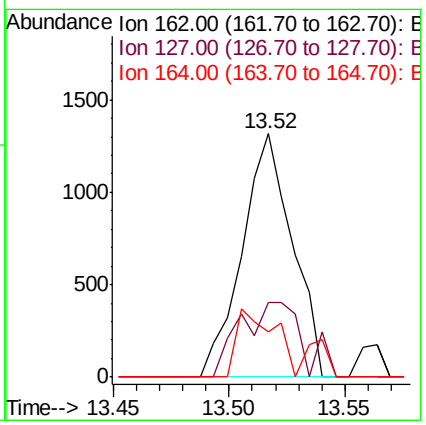


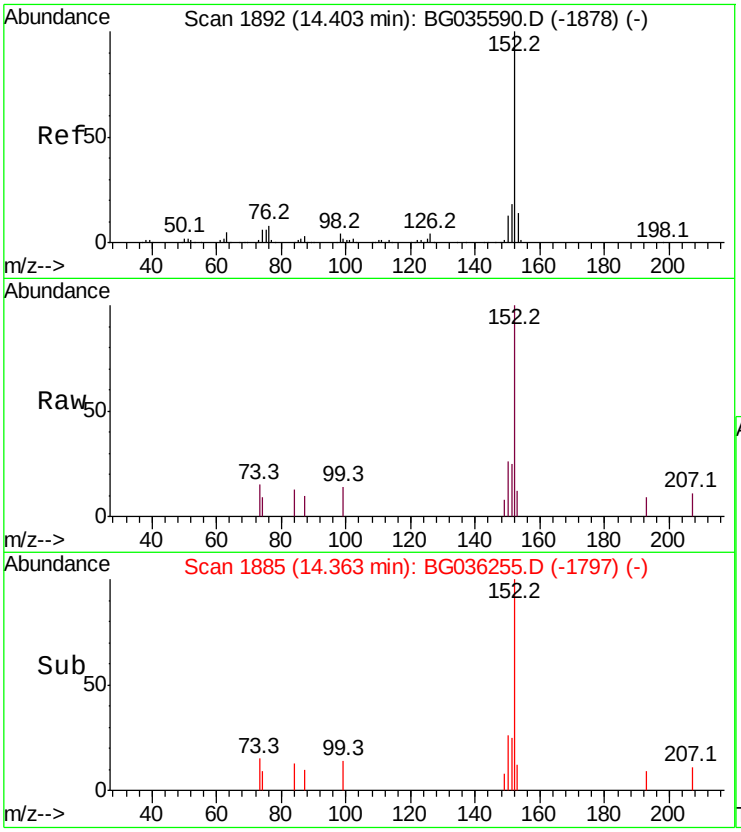


#46
2-Chloronaphthalene
Concen: 11.094 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:162 Resp: 1991

Ion	Ratio	Lower	Upper
162	100		
127	30.6	30.7	46.1#
164	18.8	26.0	39.0#



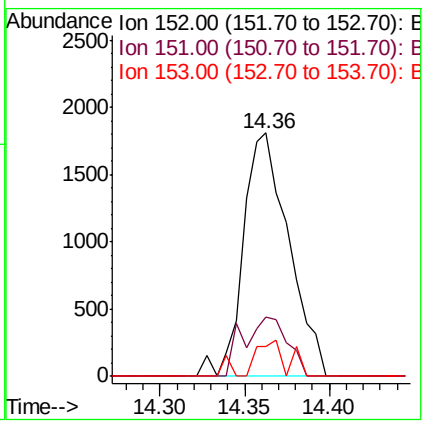


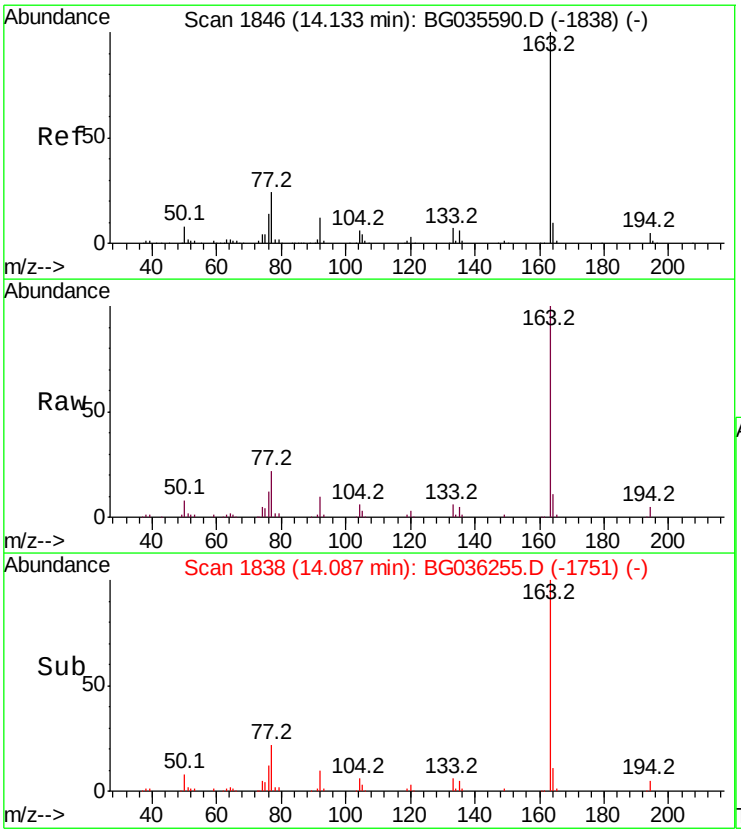
#48
Acenaphthylene
Concen: 11.206 ng
RT: 14.36 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:152 Resp: 3369

Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.2	25.8
153	12.5	10.2	15.4

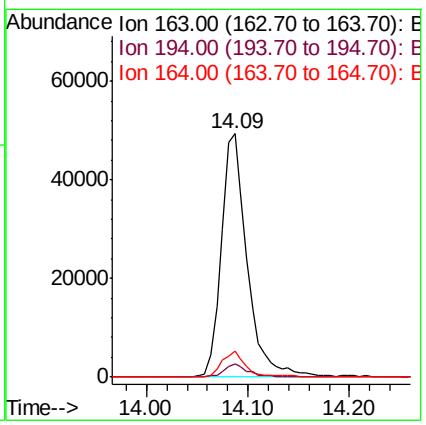


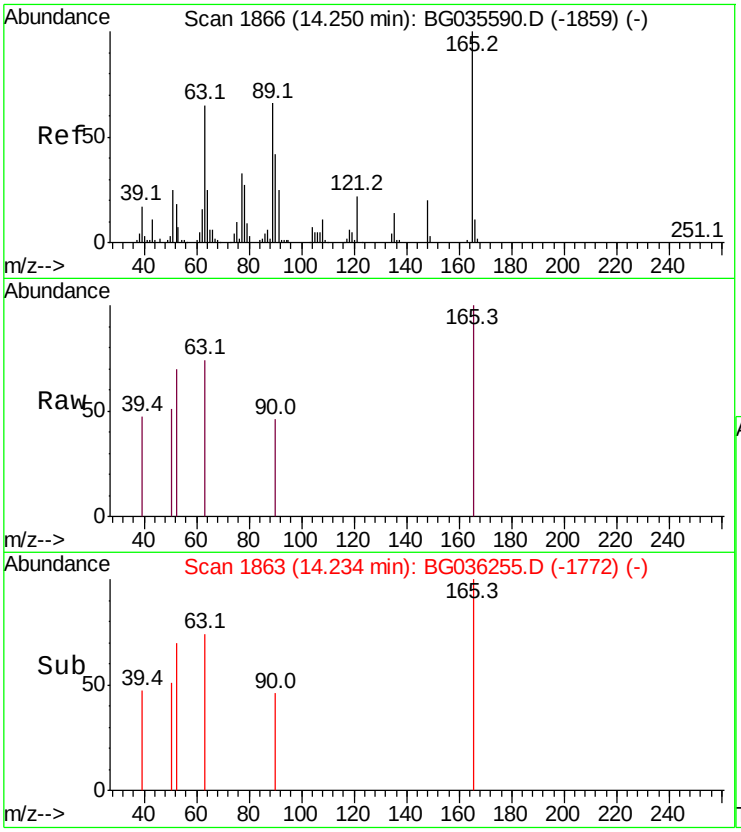


#49
Dimethylphthalate
Concen: 333.426 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:163 Resp: 86938

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.9	8.2	12.4



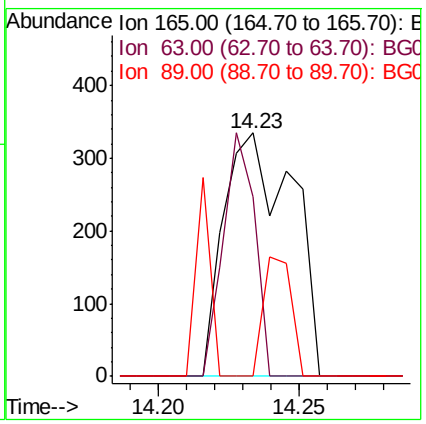


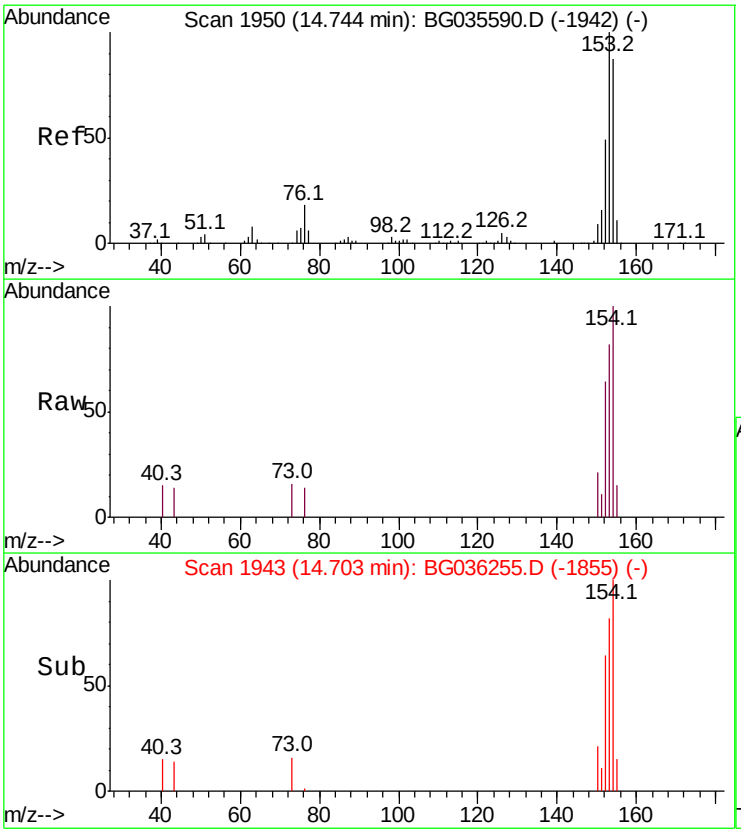
#50
2,6-Dinitrotoluene
Concen: 10.622 ng
RT: 14.23 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:165 Resp: 564

Ion	Ratio	Lower	Upper
165	100		
63	74.0	52.7	79.1
89	0.0	49.2	73.8#

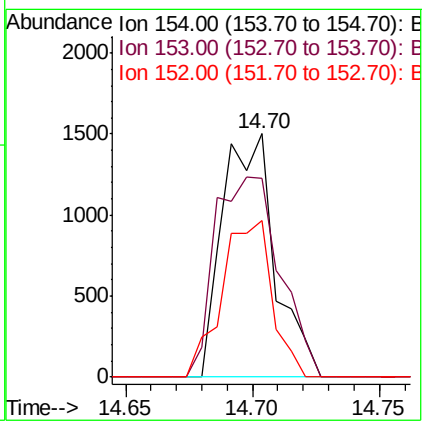


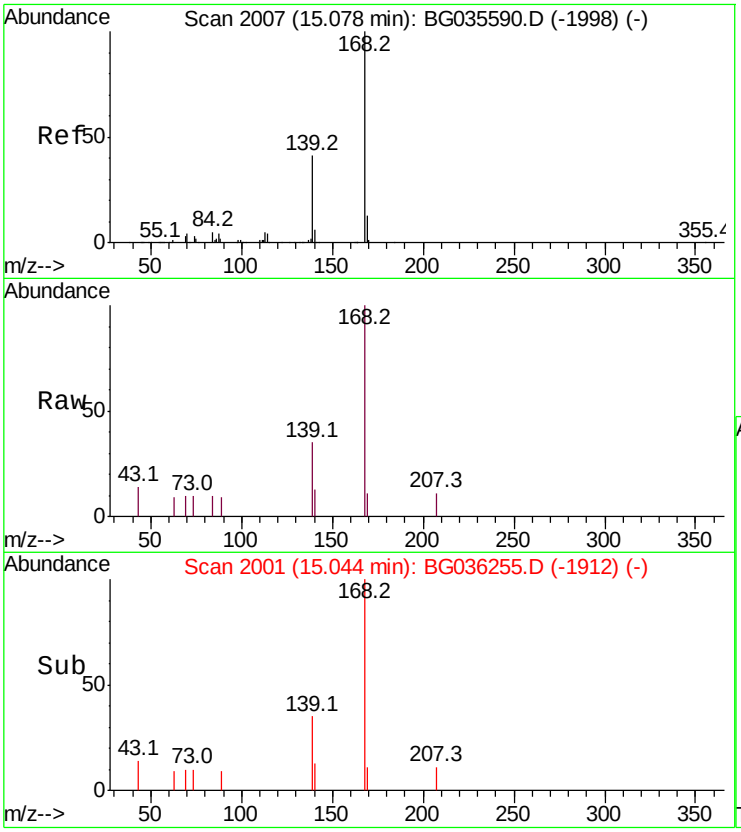


#51
Acenaphthene
Concen: 11.507 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:154 Resp: 2155

Ion	Ratio	Lower	Upper
154	100		
153	81.8	90.4	135.6#
152	64.2	41.6	62.4#



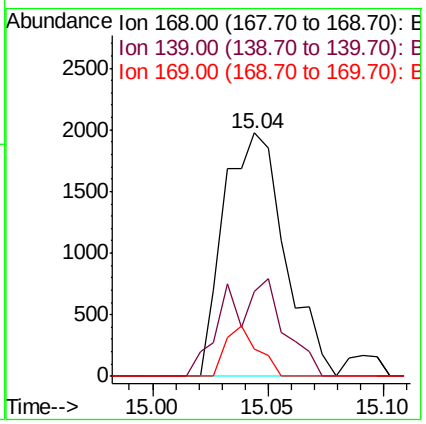


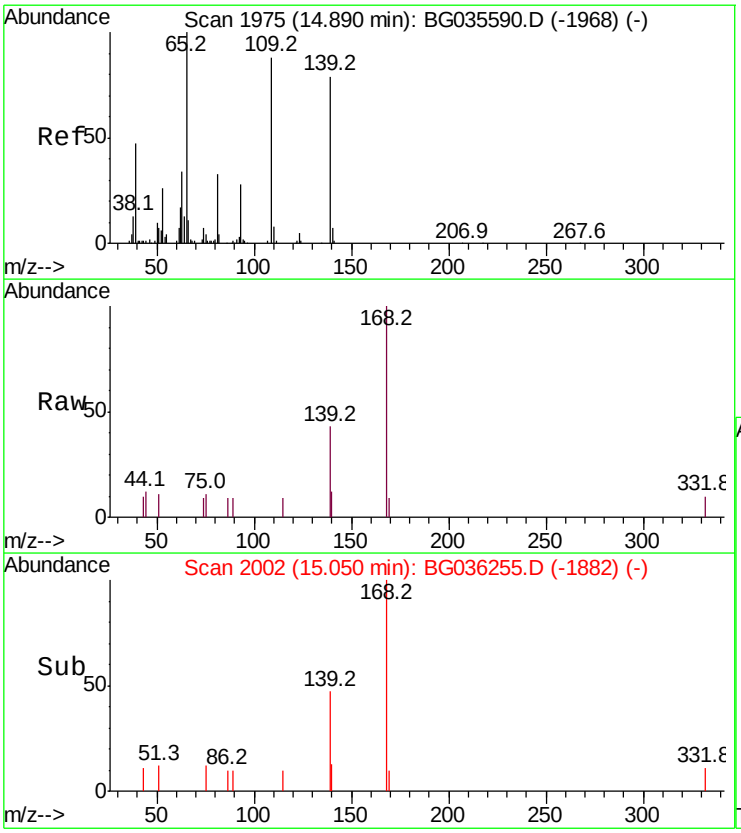
#54
Dibenzofuran
Concen: 12.171 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:168 Resp: 3625

Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.6	43.0
169	11.4	11.2	16.8

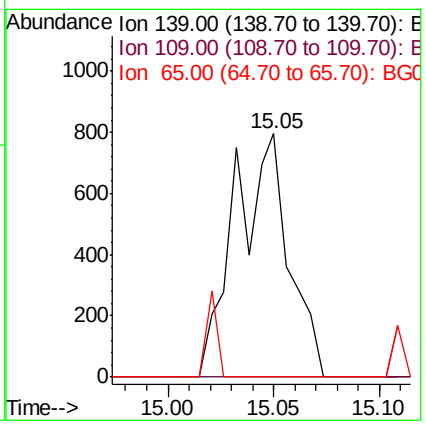


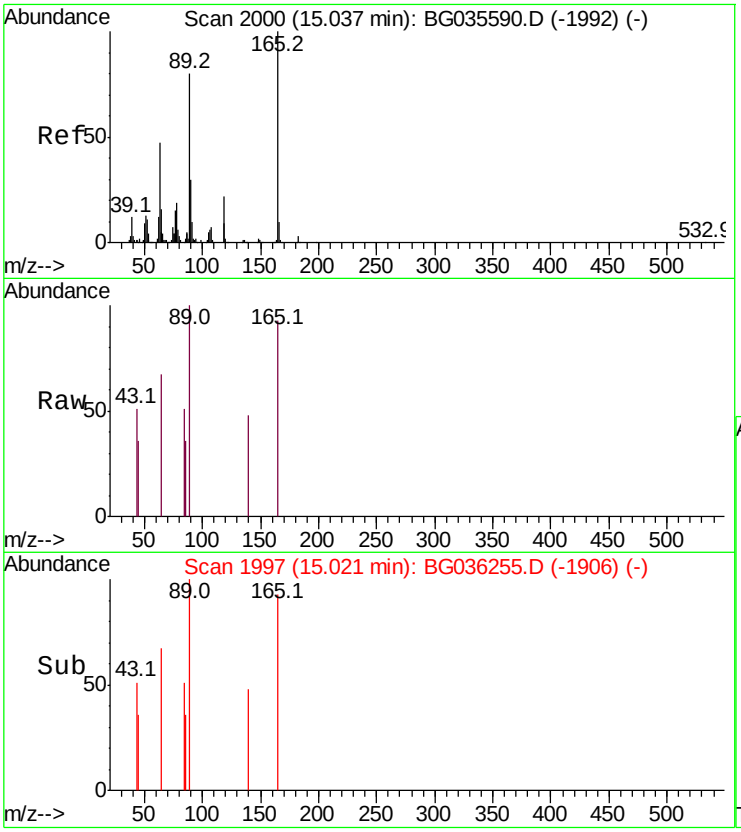


#55
4-Nitrophenol
Concen: 36.198 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.18 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:139 Resp: 1399

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



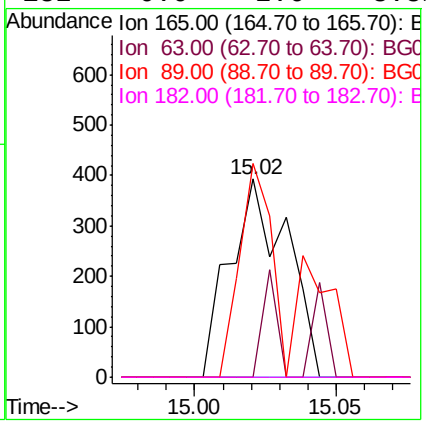


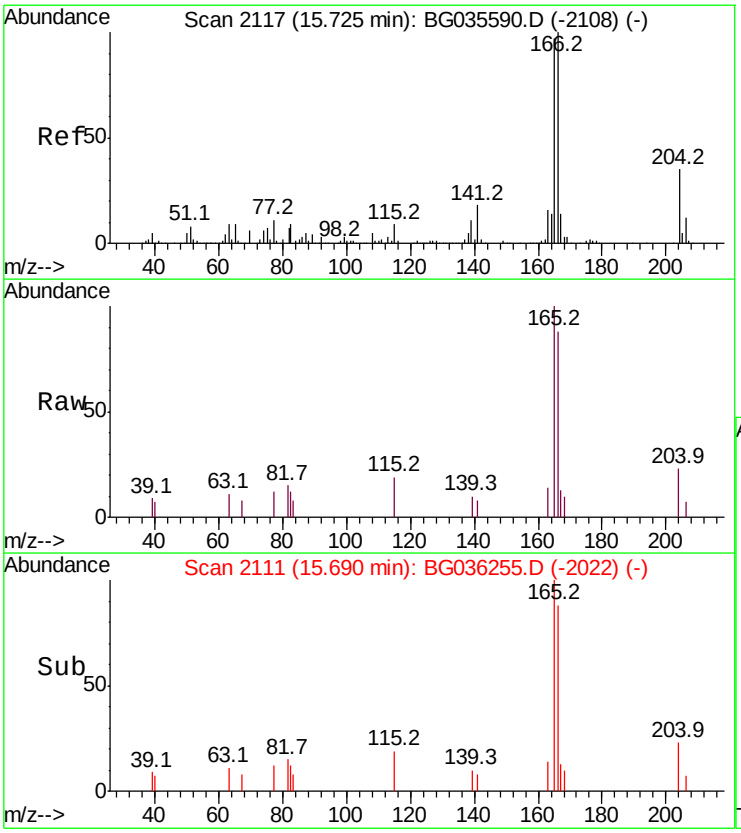
#56
2,4-Dinitrotoluene
Concen: 7.273 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:165 Resp: 554

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	107.9	66.9	100.3#
182	0.0	2.6	3.8#

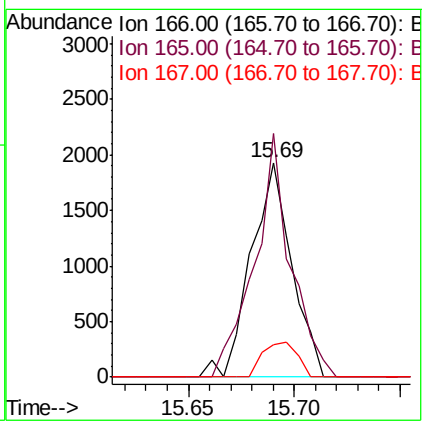


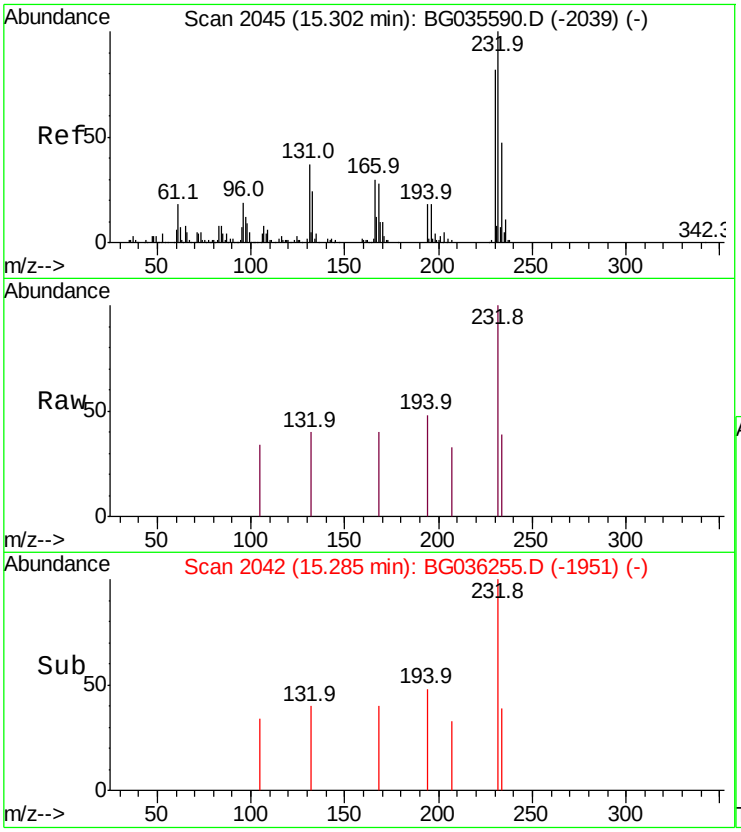


#57
Fluorene
Concen: 10.339 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:166 Resp: 2581

Ion	Ratio	Lower	Upper
166	100		
165	113.6	80.6	121.0
167	15.0	10.4	15.6



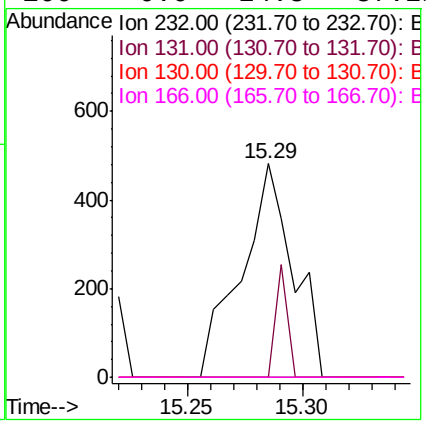


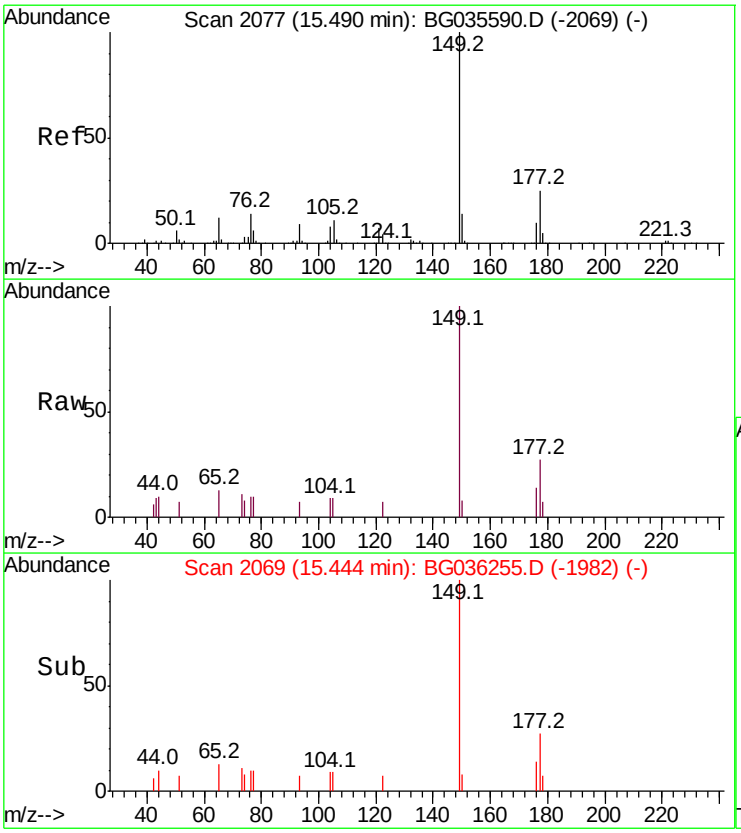
#58
2,3,4,6-Tetrachlorophenol
Concen: 10.673 ng
RT: 15.29 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:232 Resp: 752

Ion	Ratio	Lower	Upper
232	100		
131	12.0	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

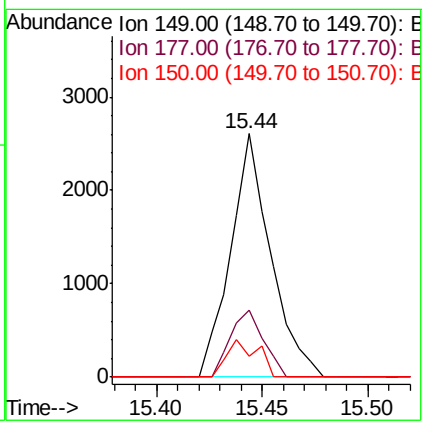


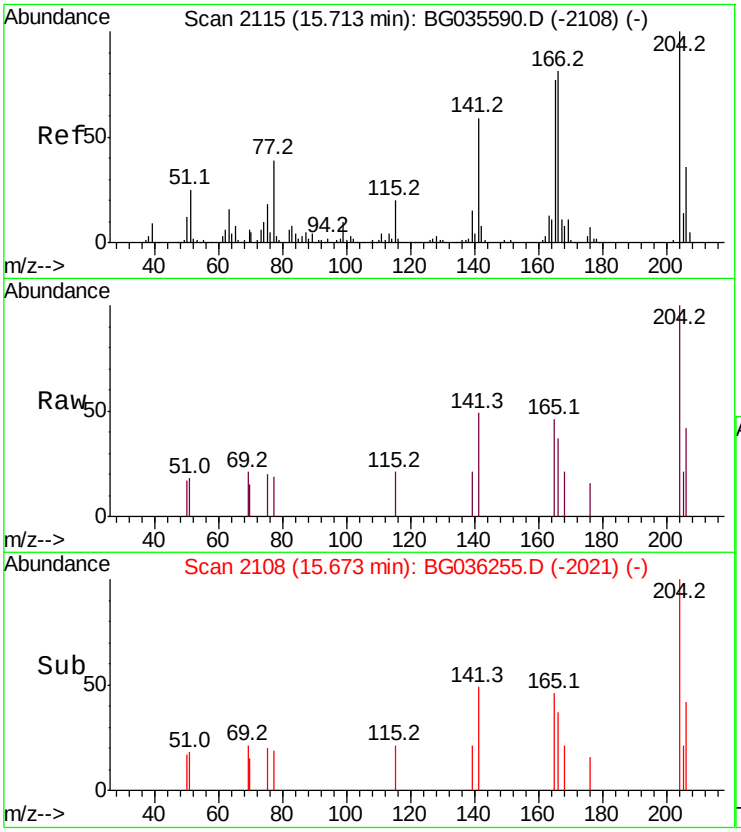


#59
Diethylphthalate
Concen: 12.767 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:149 Resp: 3423

Ion	Ratio	Lower	Upper
149	100		
177	27.4	18.5	27.7
150	8.4	10.2	15.2#



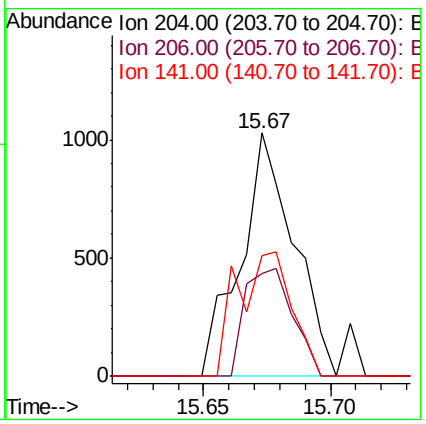


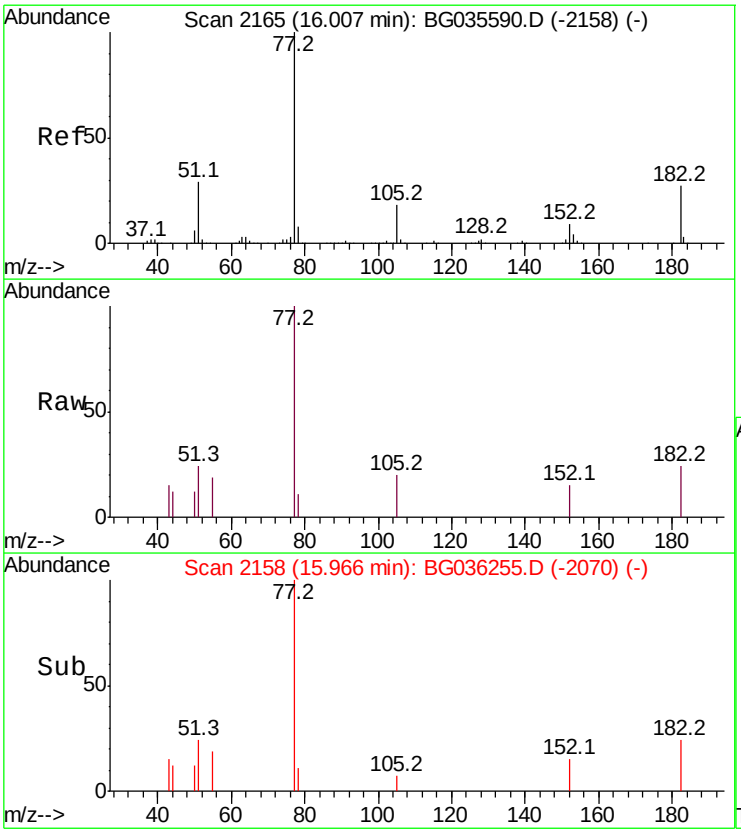
#60
4-Chlorophenyl-phenylether
Concen: 10.326 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:204 Resp: 1515

Ion	Ratio	Lower	Upper
204	100		
206	42.0	26.2	39.2#
141	49.4	45.8	68.6

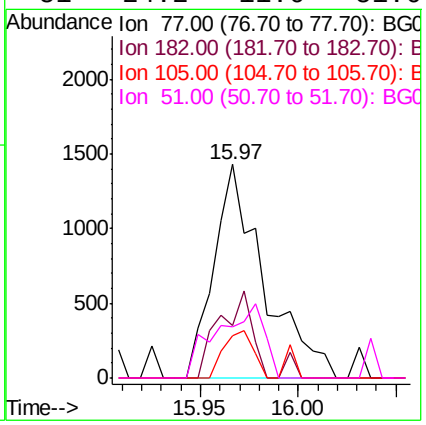


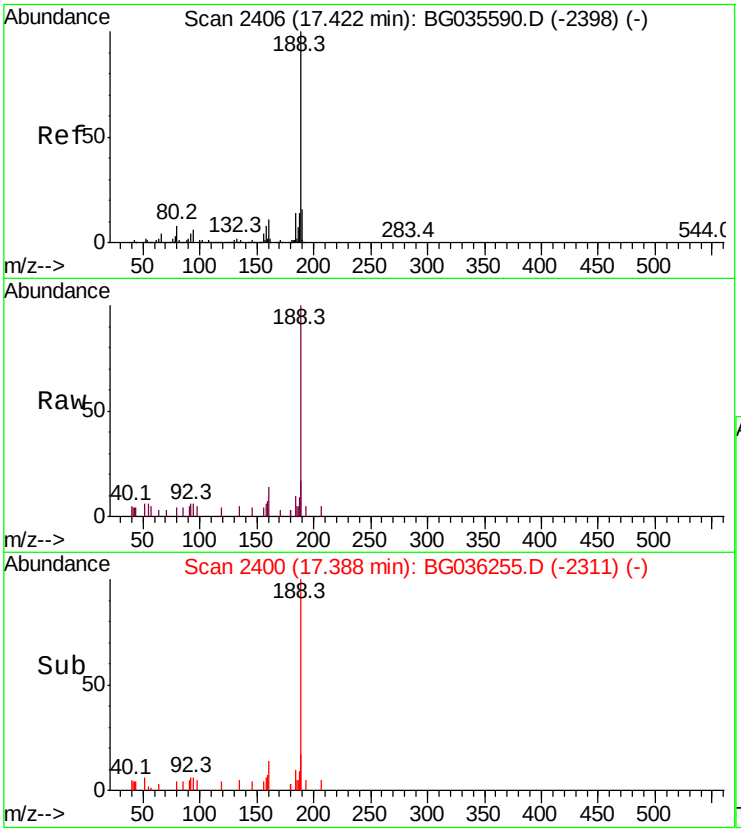


#62
Azobenzene
Concen: 9.635 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion: 77 Resp: 2548

Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.4	47.4
105	19.9	0.3	40.3
51	24.2	11.6	51.6



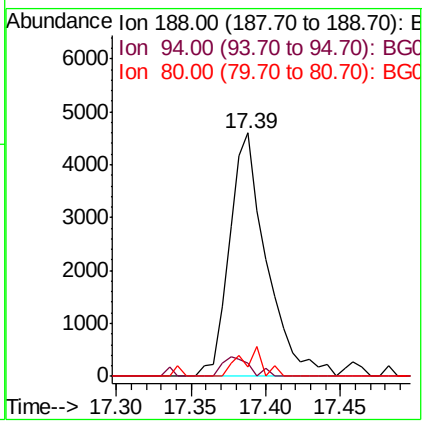


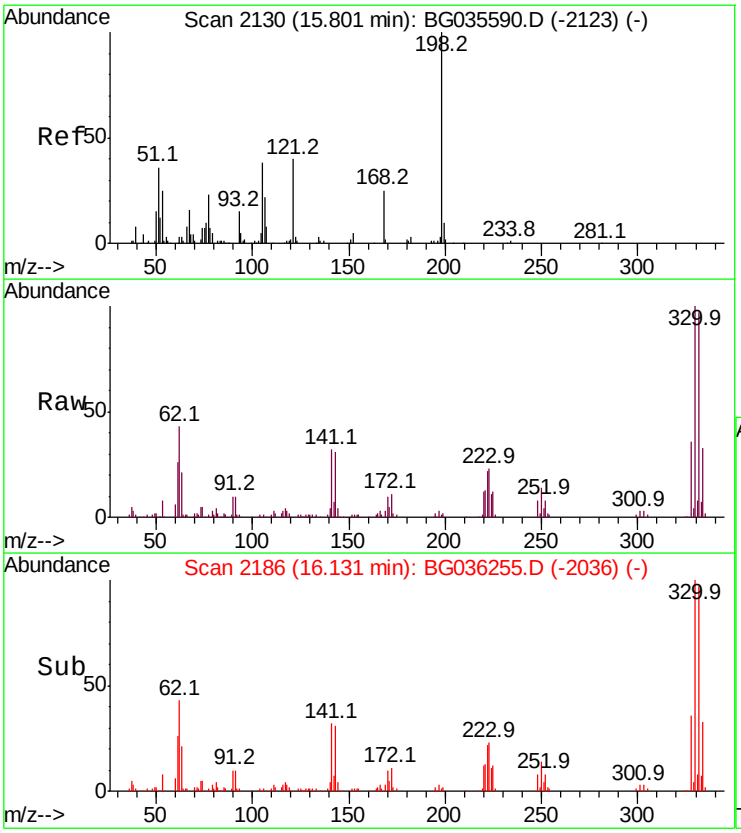
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:188 Resp: 7940

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	3.7	7.7	11.5#

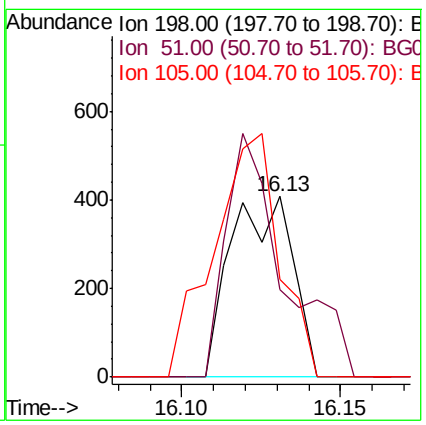


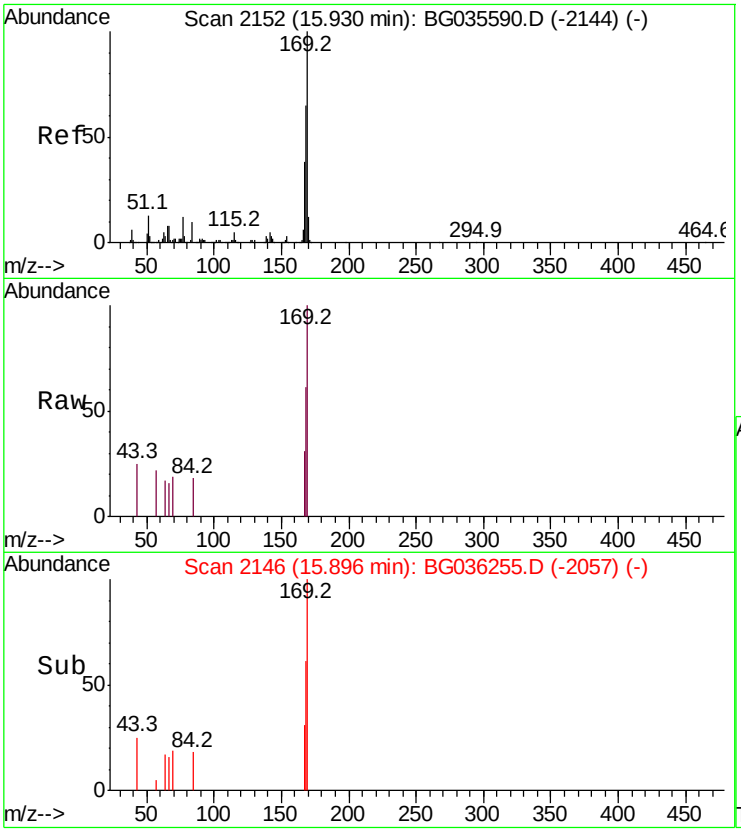


#64
4,6-Dinitro-2-methylphenol
Concen: 12.444 ng
RT: 16.13 min Scan# 2186
Delta R.T. 0.35 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:198 Resp: 550

Ion	Ratio	Lower	Upper
198	100		
51	48.4	30.6	70.6
105	54.1	23.8	63.8



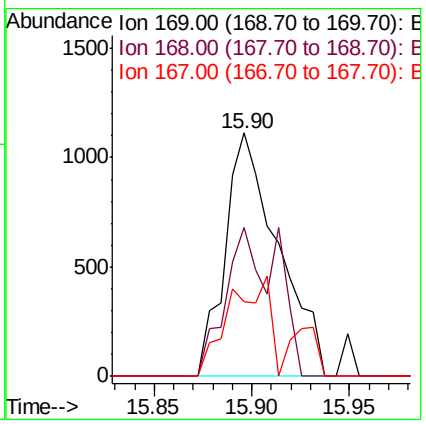


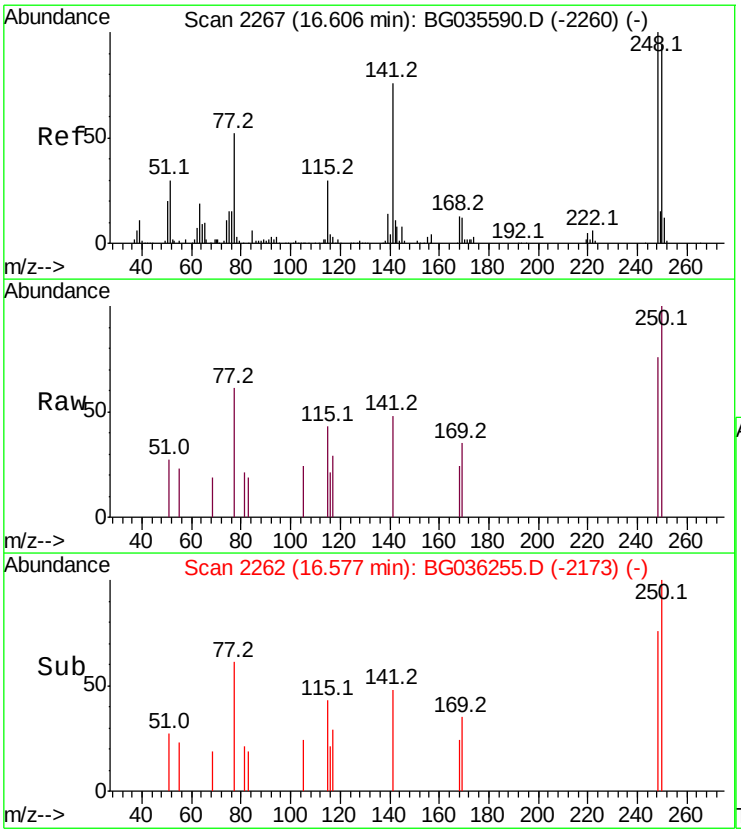
#65
n-Nitrosodiphenylamine
Concen: 9.261 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:169 Resp: 2093

Ion	Ratio	Lower	Upper
169	100		
168	61.0	55.7	83.5
167	30.7	30.1	45.1

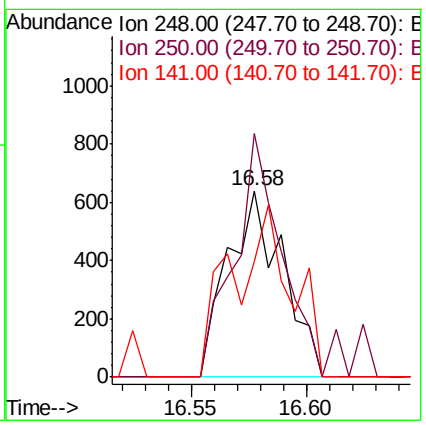


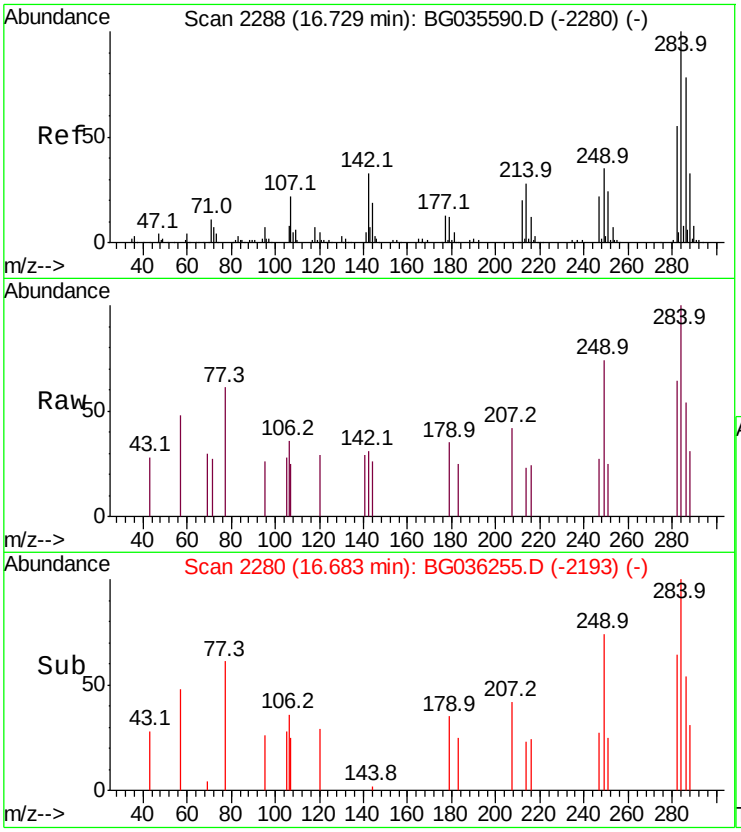


#66
4-Bromophenyl-phenylether
Concen: 11.474 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:248 Resp: 1057

Ion	Ratio	Lower	Upper
248	100		
250	130.8	77.1	115.7#
141	62.4	50.8	76.2



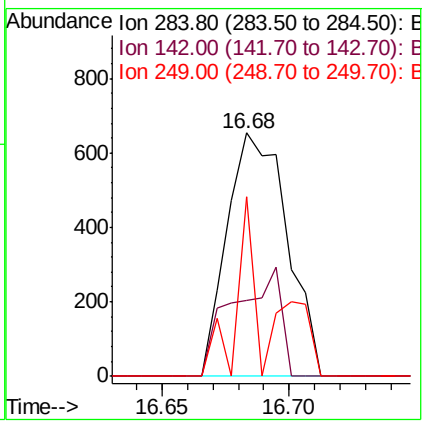


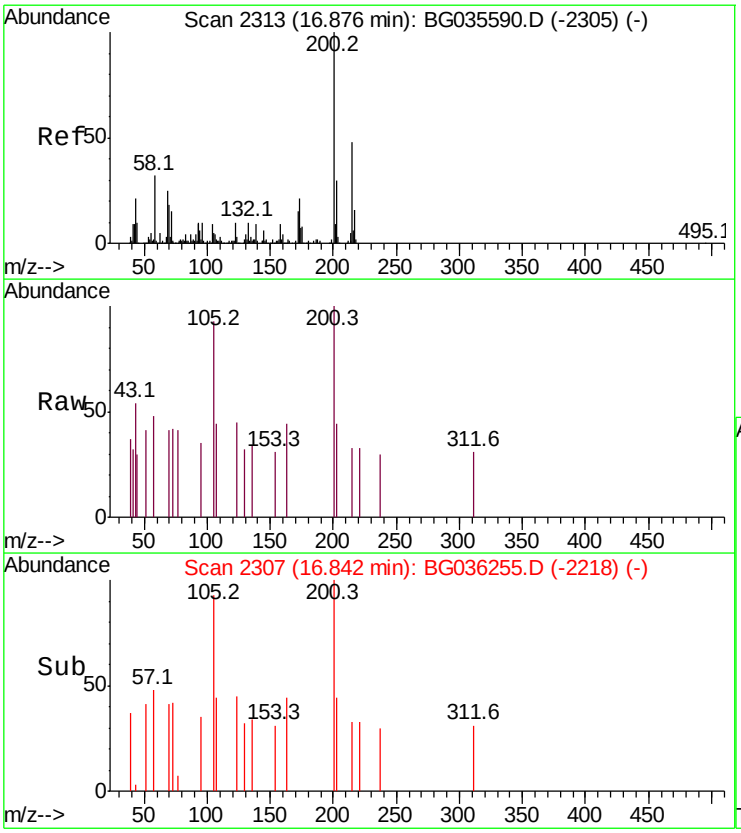
#67
Hexachlorobenzene
Concen: 11.353 ng
RT: 16.68 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:284 Resp: 1077

Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.8	40.2
249	73.7	26.3	39.5#

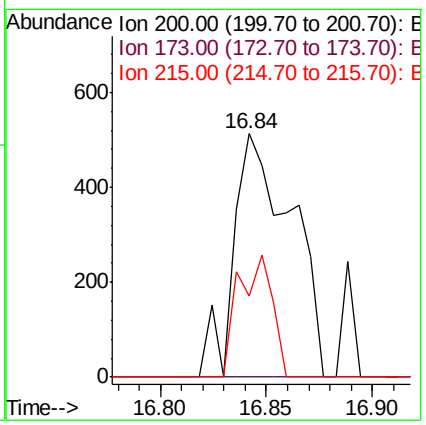


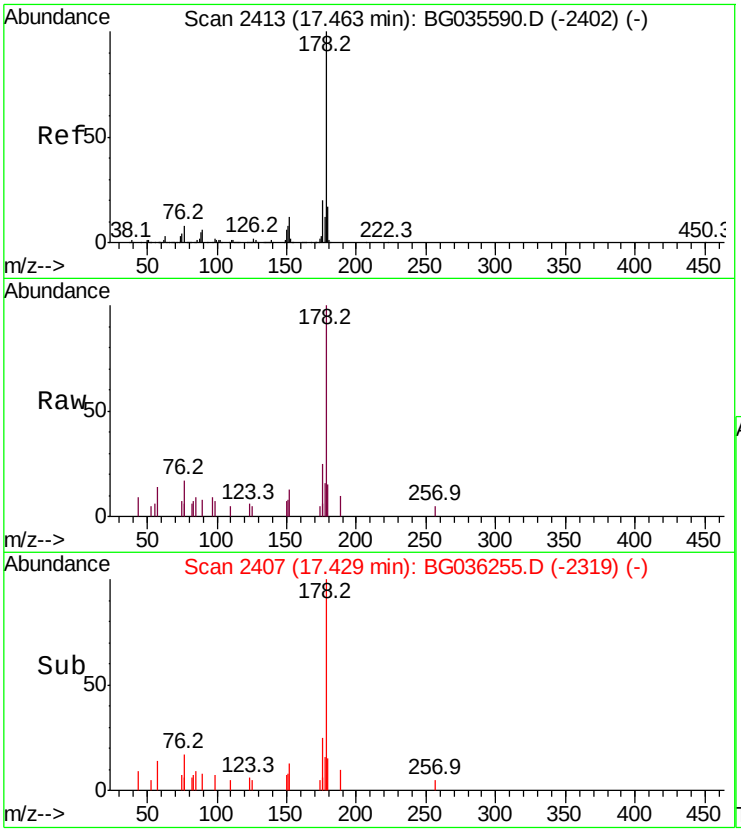


#68
Atrazine
Concen: 10.500 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:200 Resp: 977

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	33.1	30.4	70.4



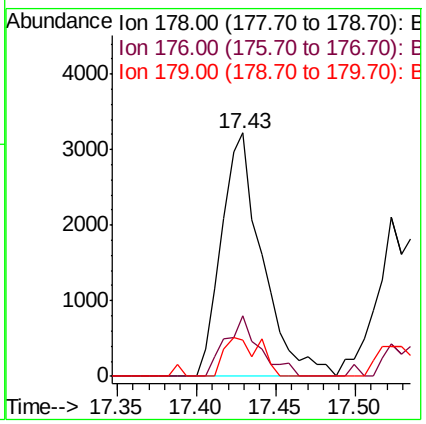


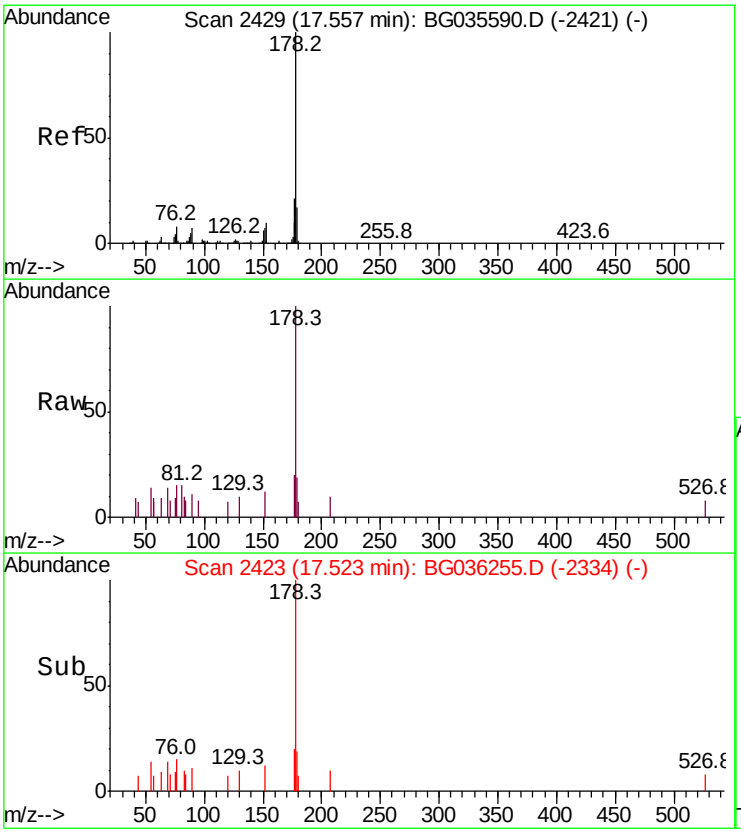
#70
Phenanthrene
Concen: 14.518 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:178 Resp: 5752

Ion	Ratio	Lower	Upper
178	100		
176	25.1	15.7	23.5#
179	14.9	12.5	18.7

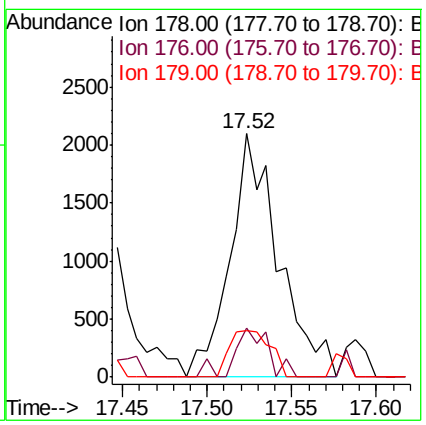


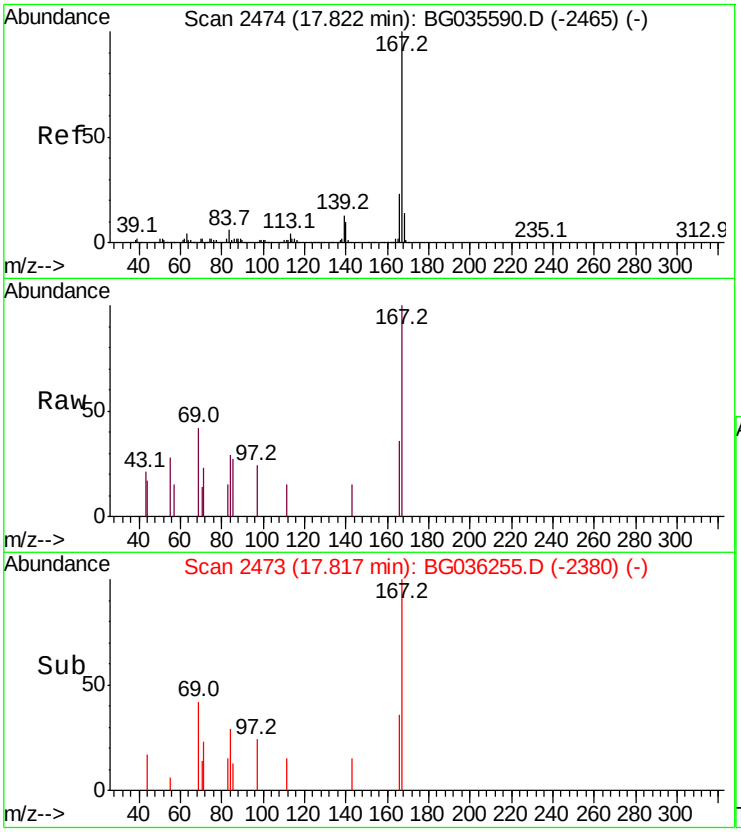


#71
Anthracene
Concen: 10.570 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:178 Resp: 4170

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	19.1	12.5	18.7#



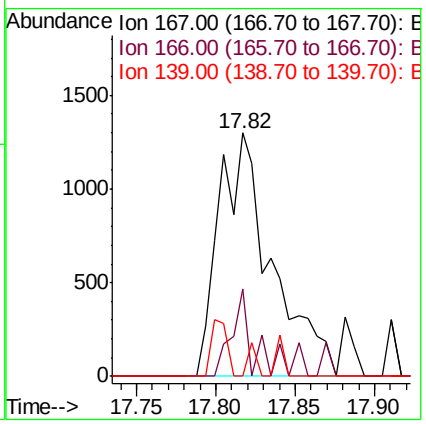


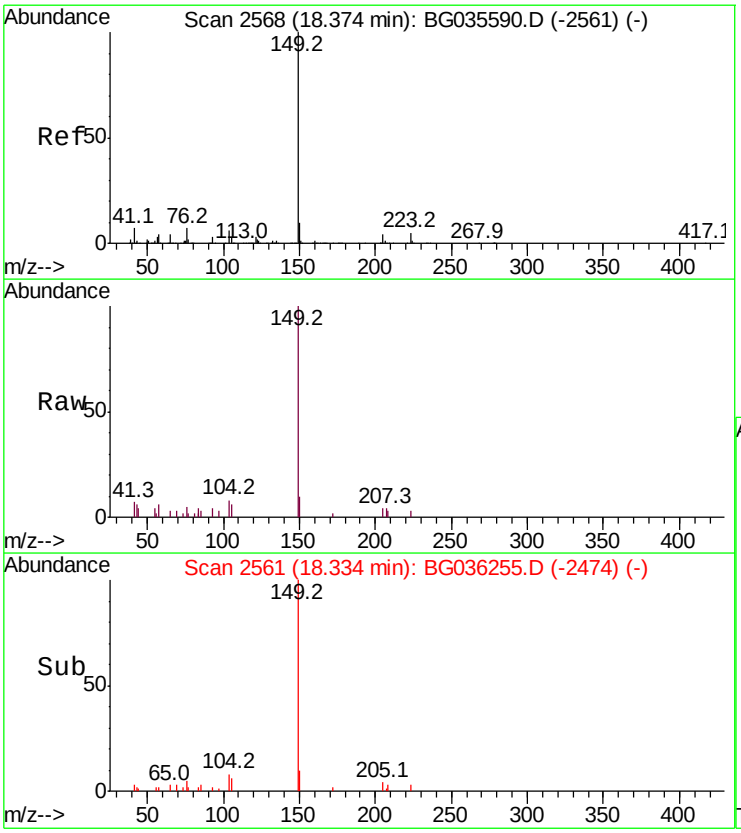
#72
Carbazole
Concen: 8.021 ng
RT: 17.82 min Scan# 2473
Delta R.T. 0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:167 Resp: 3005

Ion	Ratio	Lower	Upper
167	100		
166	35.7	18.2	27.4#
139	0.0	9.4	14.2#

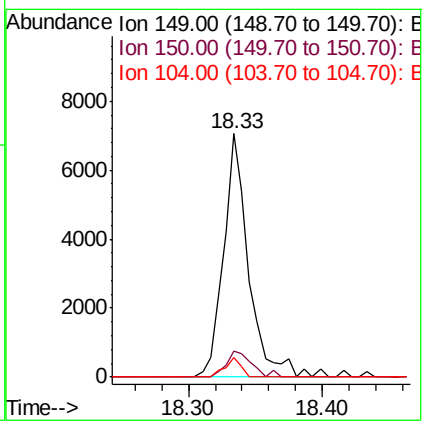


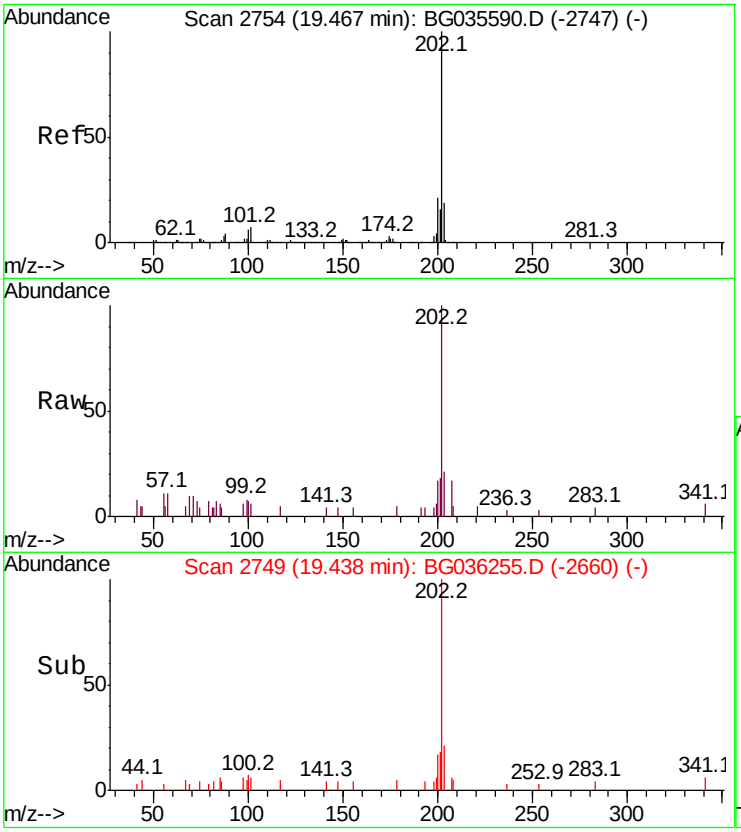


#73
Di-n-butylphthalate
Concen: 21.062 ng
RT: 18.33 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:149 Resp: 9325

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.6
104	7.9	3.9	5.9#



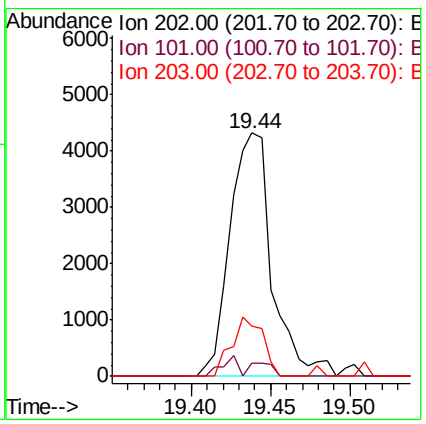


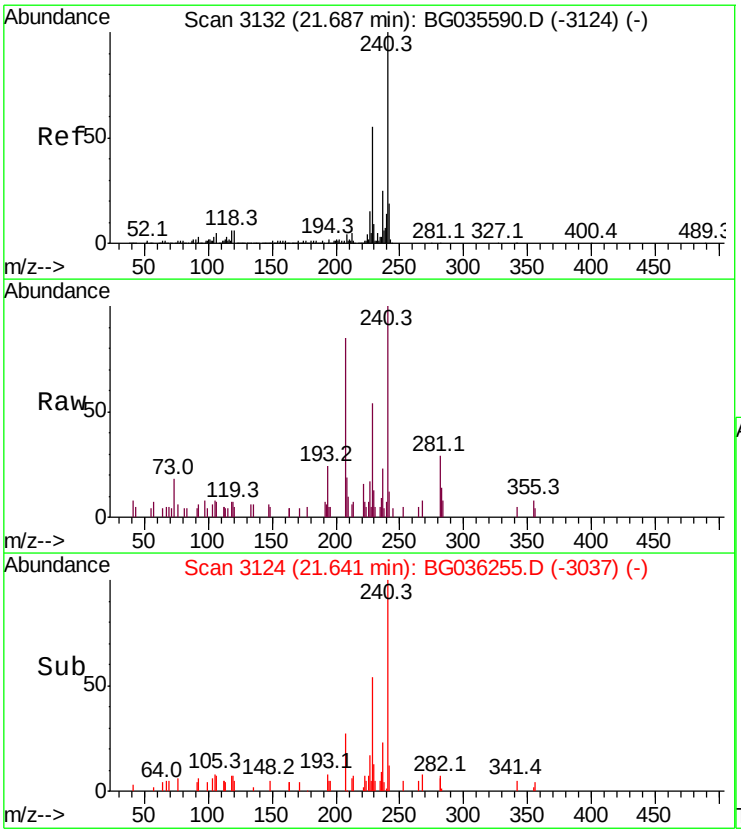
#74
Fluoranthene
Concen: 14.798 ng
RT: 19.44 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:202 Resp: 7897

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	28.9
203	20.9	0.0	37.5

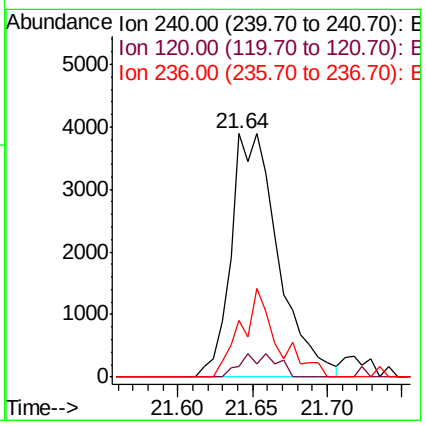


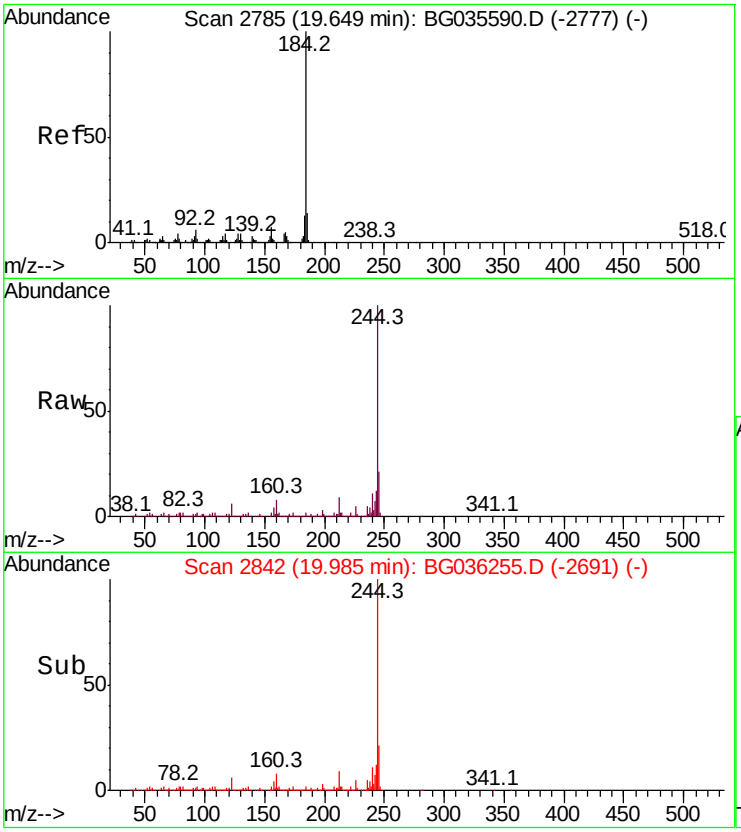


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:240 Resp: 8555

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	23.2	20.9	31.3



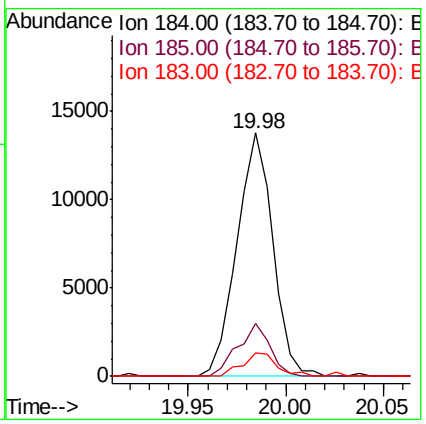


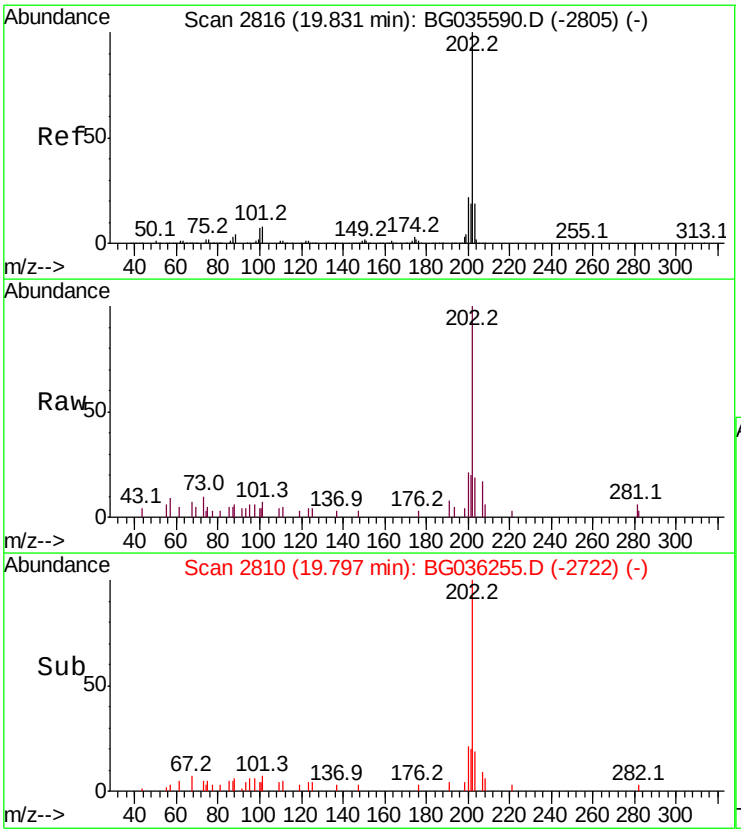
#76
Benzidine
Concen: 77.977 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:184 Resp: 17538

Ion	Ratio	Lower	Upper
184	100		
185	21.5	11.1	16.7#
183	9.5	10.6	16.0#

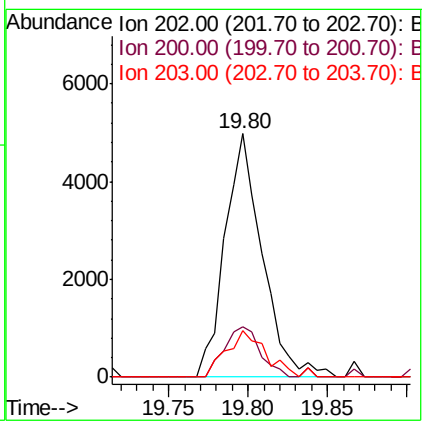


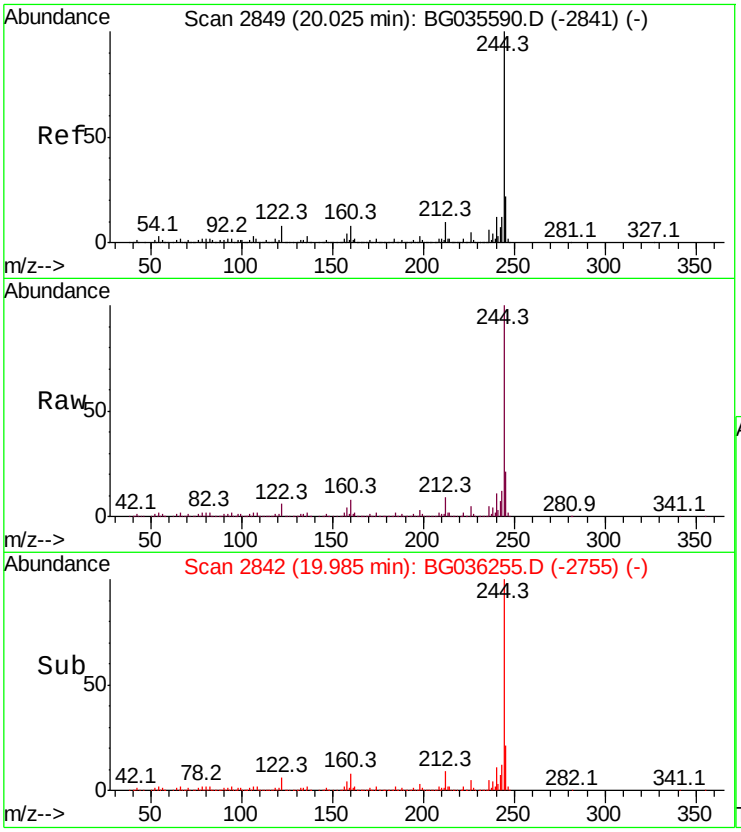


#77
Pyrene
Concen: 15.042 ng
RT: 19.80 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:202 Resp: 8137

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	19.0	13.9	20.9



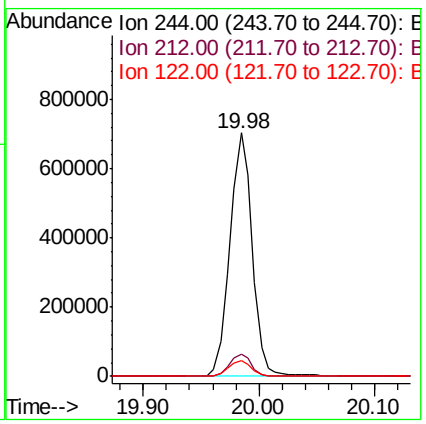


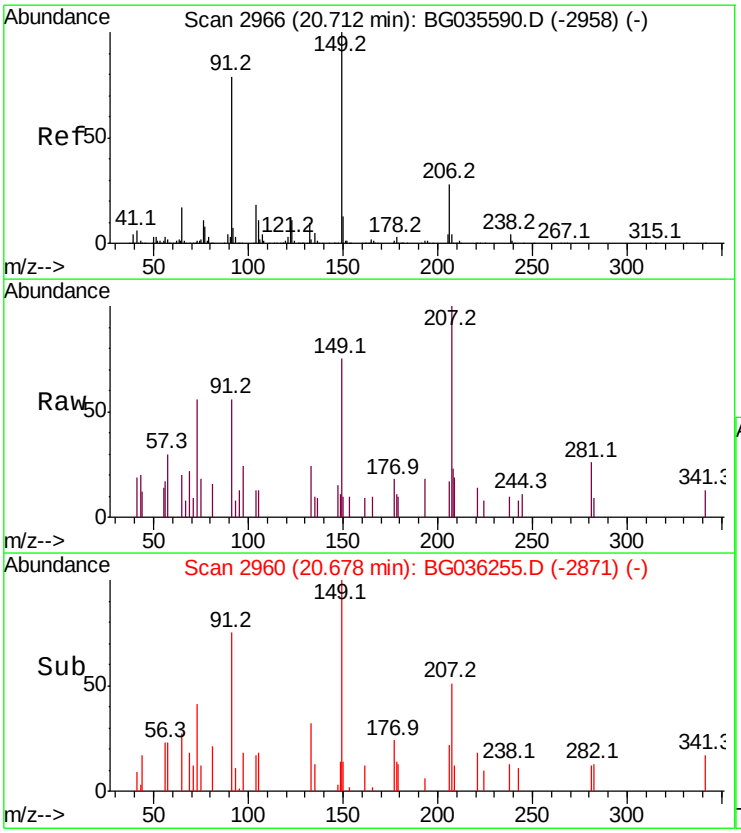
#78
Terphenyl-d14
Concen: 2424.785 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:244 Resp: 941071

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.2	7.0	10.4#

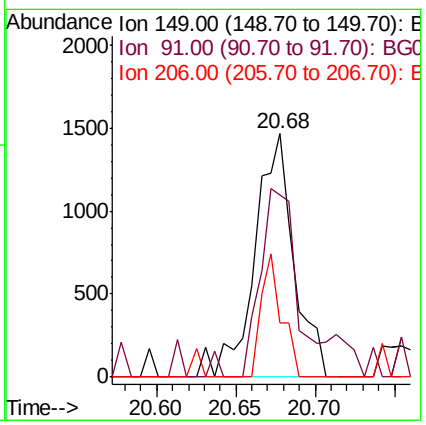


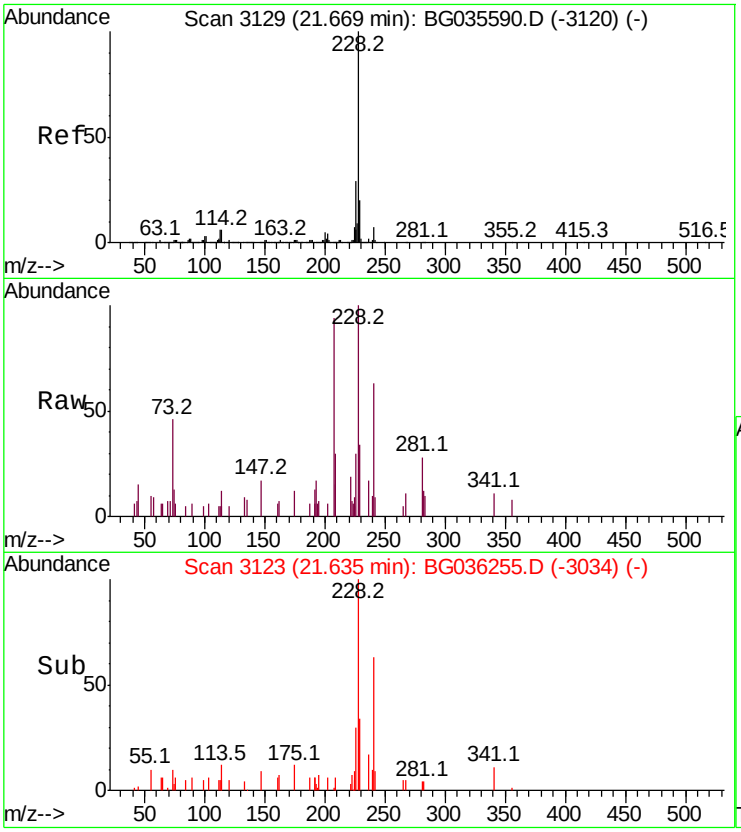


#79
Butylbenzylphthalate
Concen: 13.094 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:149 Resp: 2533

Ion	Ratio	Lower	Upper
149	100		
91	74.6	62.2	93.2
206	22.3	18.6	27.8



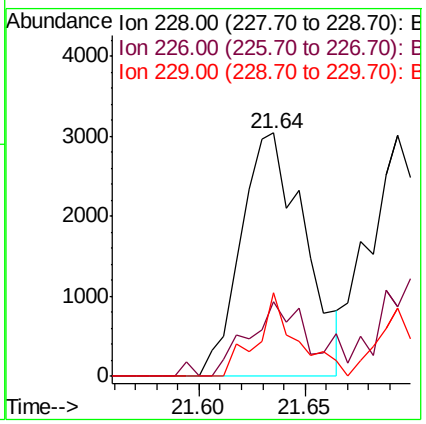


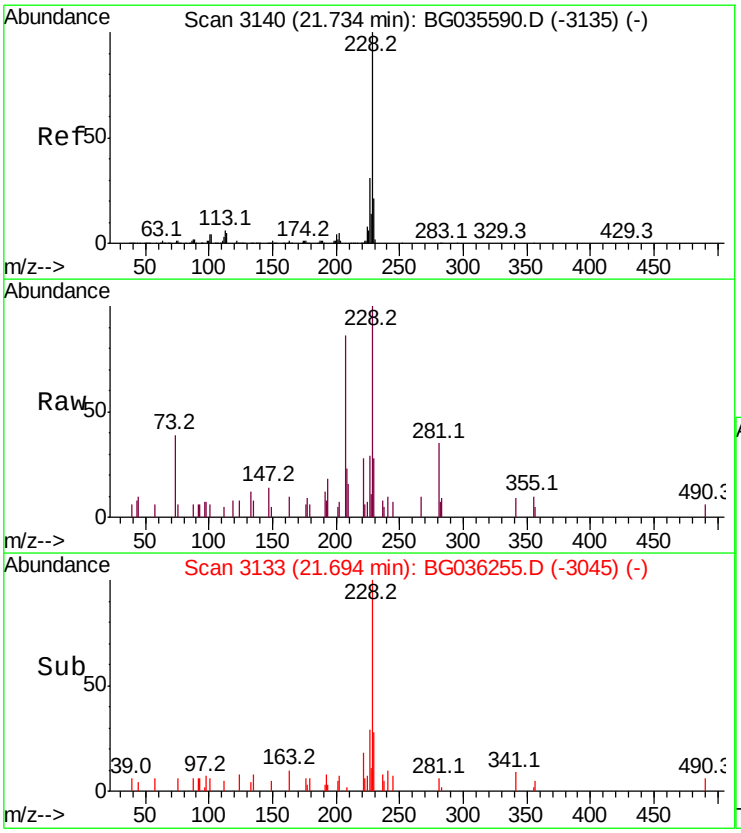
#80
Benzo(a)anthracene
Concen: 11.978 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:228 Resp: 6386

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.7	34.1
229	34.5	16.2	24.2#

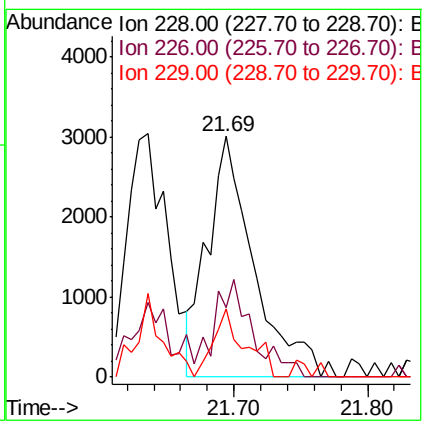


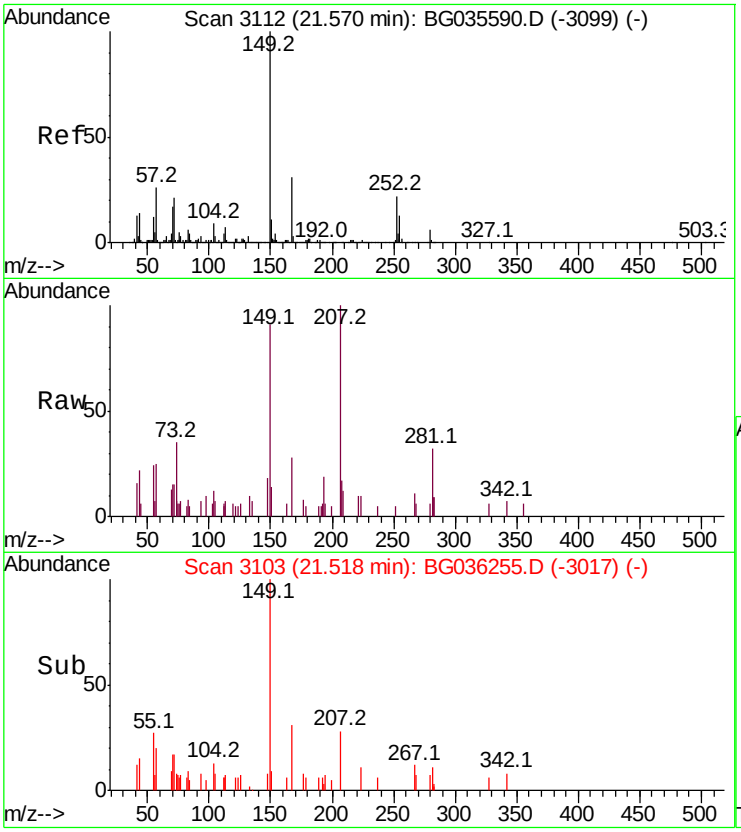


#82
Chrysene
Concen: 14.803 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:228 Resp: 7313

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	28.3	15.0	22.4#



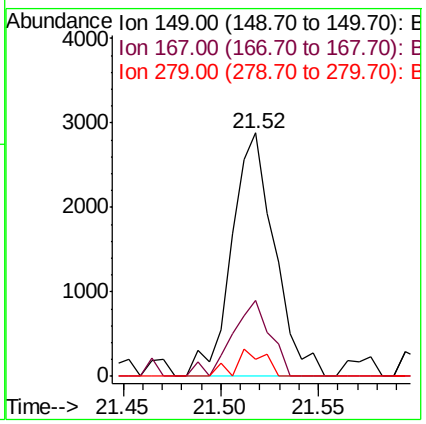


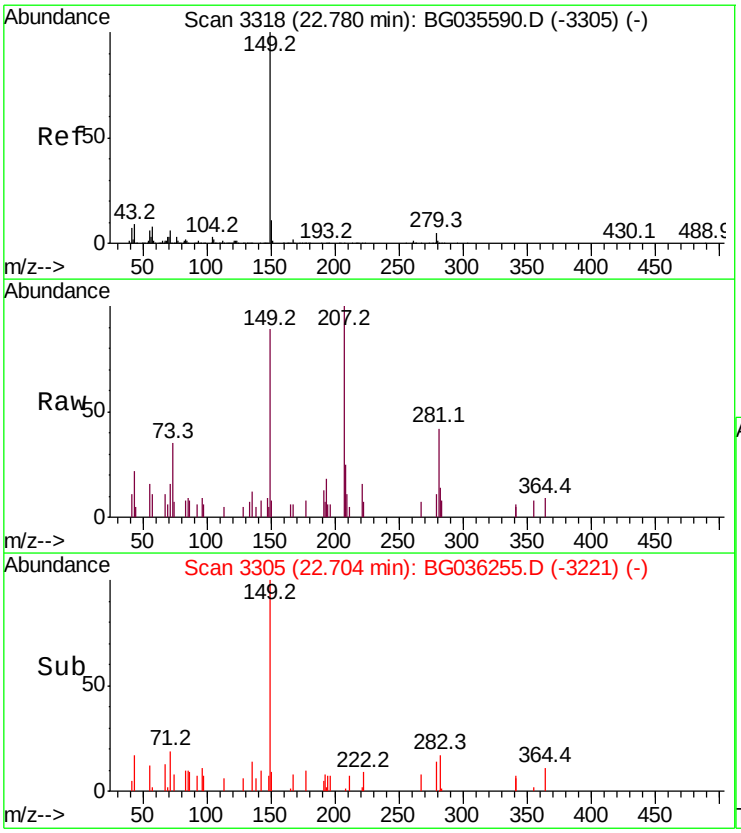
#83
Bis(2-ethylhexyl)phthalate
Concen: 16.670 ng
RT: 21.52 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:149 Resp: 4384

Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.3	36.5
279	6.9	4.0	6.0#

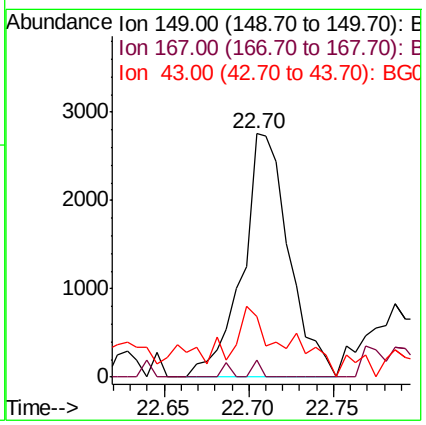


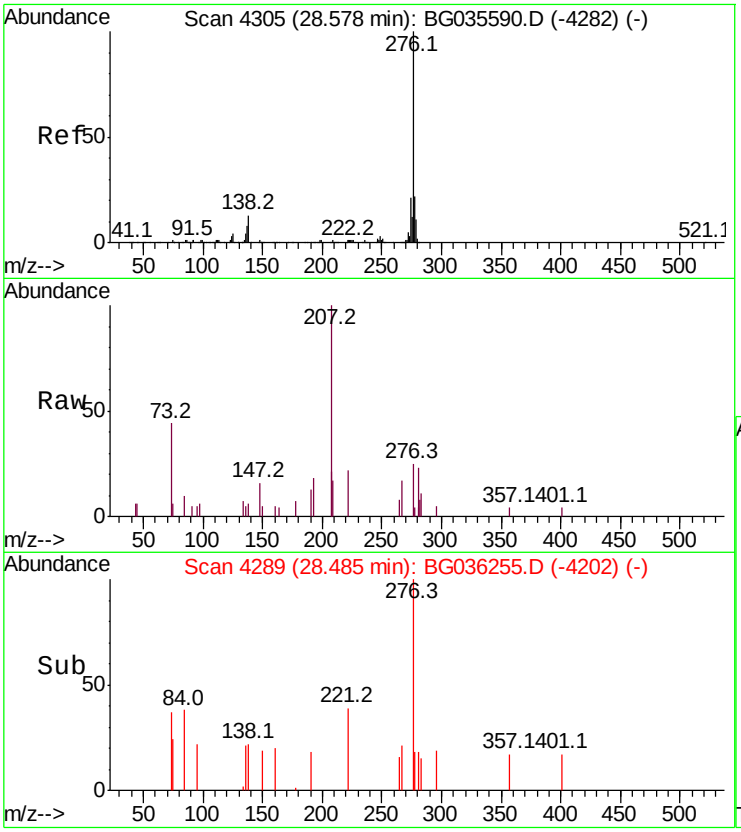


#84
Di-n-octyl phthalate
Concen: 12.009 ng
RT: 22.70 min Scan# 3305
Delta R.T. -0.04 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:149 Resp: 5288

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.4	2.0#
43	15.7	8.9	13.3#



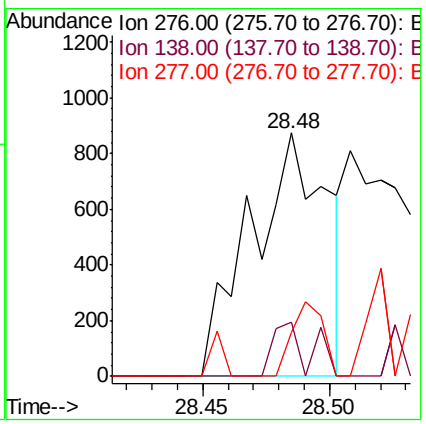


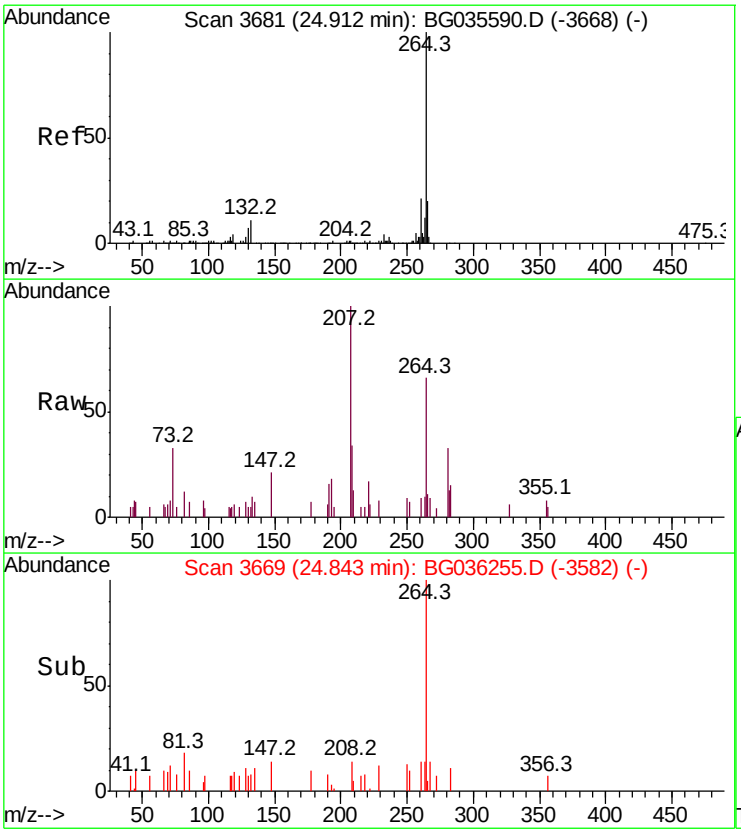
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.320 ng
RT: 28.48 min Scan# 4289
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:276 Resp: 1816

Ion	Ratio	Lower	Upper
276	100		
138	10.5	16.0	24.0#
277	12.4	20.0	30.0#

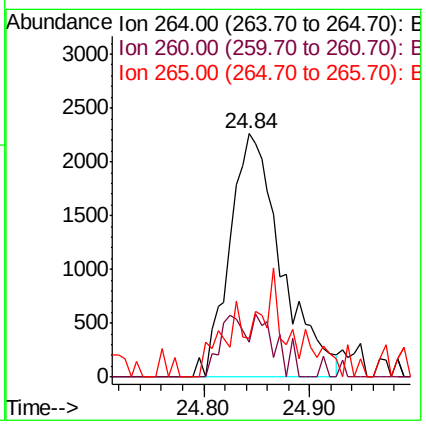


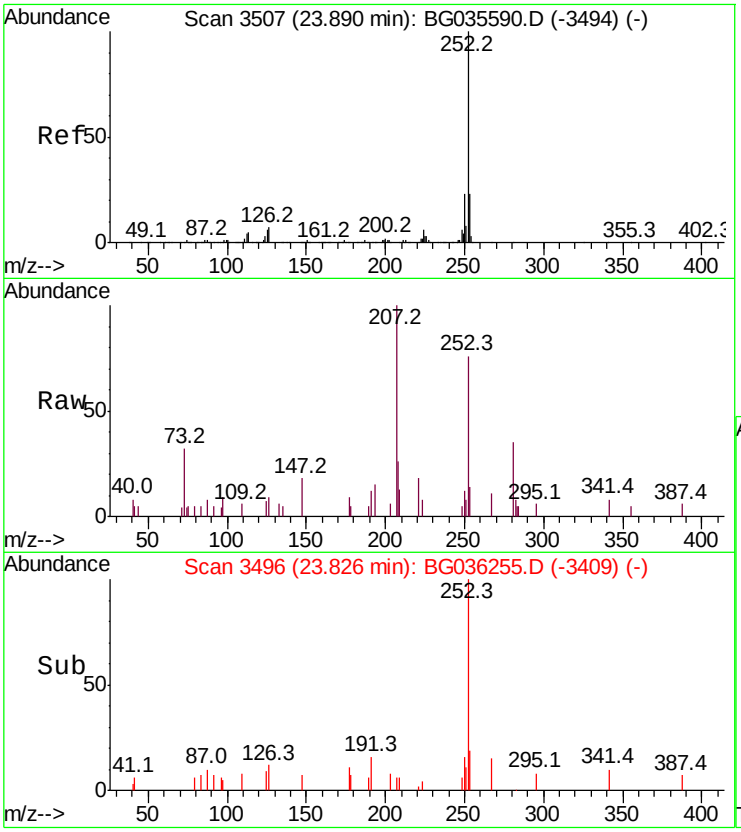


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3669
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:264 Resp: 7673

Ion	Ratio	Lower	Upper
264	100		
260	14.2	17.4	26.0#
265	15.9	17.7	26.5#



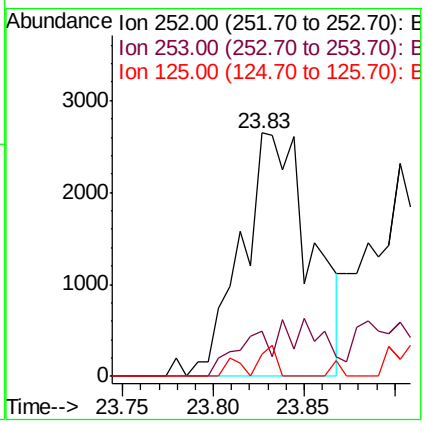


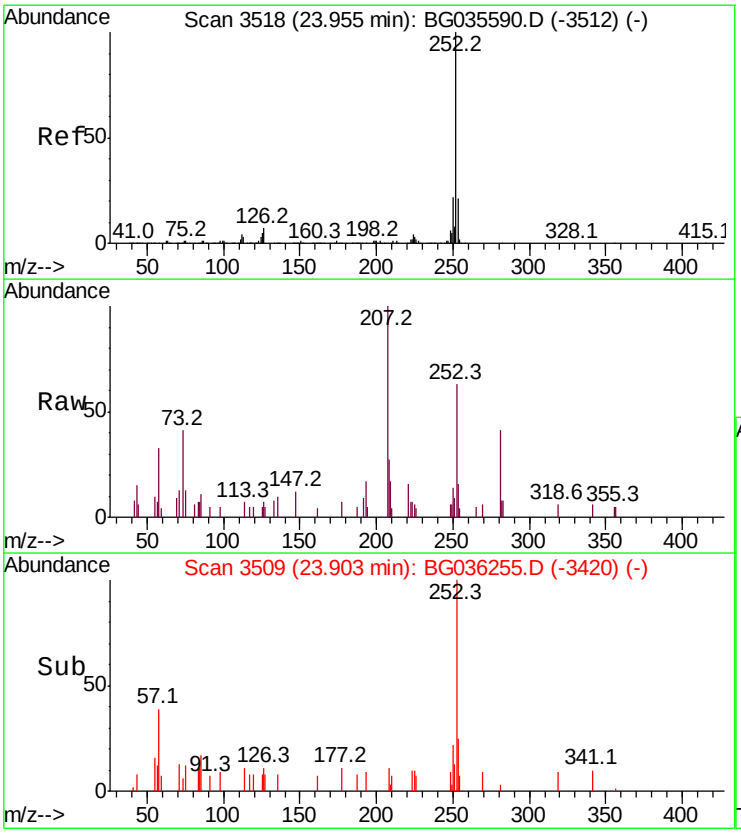
#87
Benzo(b)fluoranthene
Concen: 14.971 ng
RT: 23.83 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:252 Resp: 6982

Ion	Ratio	Lower	Upper
252	100		
253	18.8	18.2	27.4
125	8.9	7.2	10.8

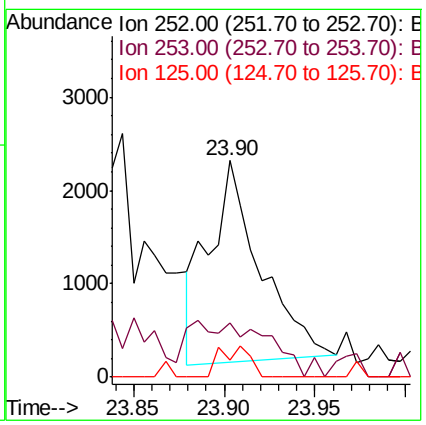


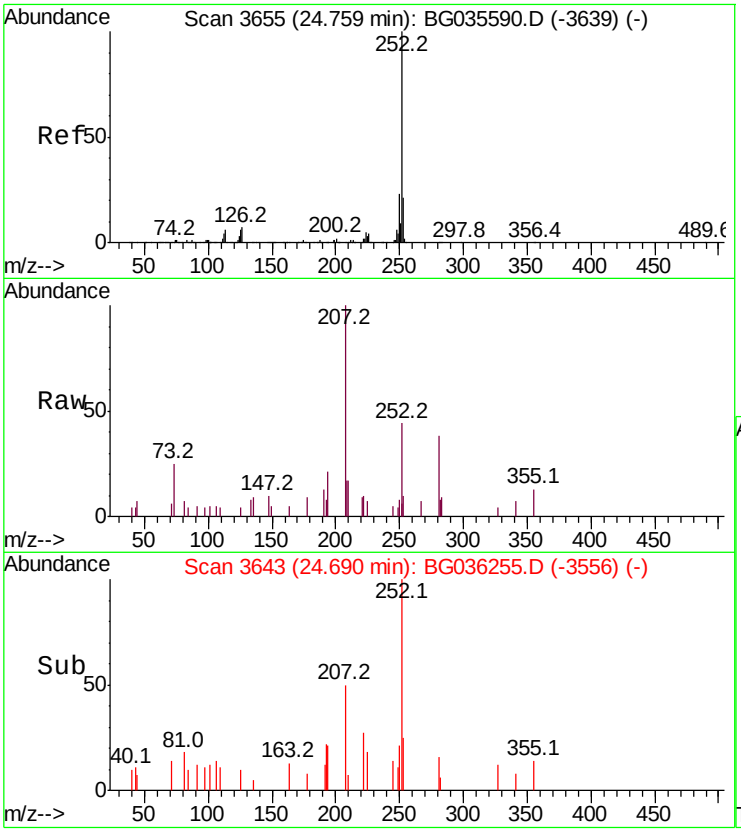


#88
Benzo(k)fluoranthene
Concen: 9.376 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:252 Resp: 4275

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	8.2	6.6	9.8



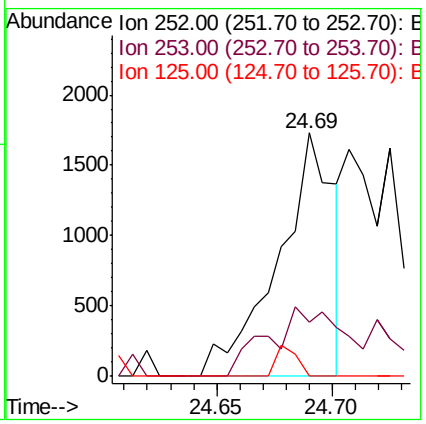


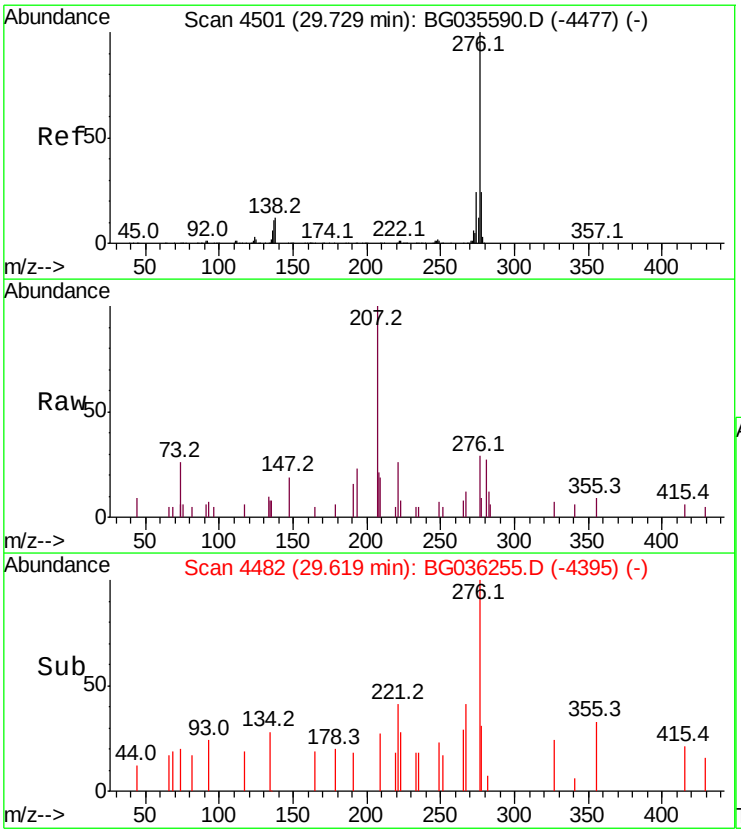
#89
Benzo(a)pyrene
Concen: 6.691 ng
RT: 24.69 min Scan# 3643
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:252 Resp: 2903

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	0.0	7.3	10.9#





#91
Benzo(g,h,i)perylene
Concen: 4.770 ng
RT: 29.62 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG036255.D
Acq: 10 Aug 2018 6:04

Tgt Ion:276 Resp: 1988

Ion	Ratio	Lower	Upper
276	100		
277	30.8	18.3	27.5#
138	0.0	13.9	20.9#