Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101663.D
Acq On : 22 Dec 2017 19:42
Operator : SJ/JU
Sample : I7002-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-3DS(16-20)MSD

Quant Time: Dec 22 22:35:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150381	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	606911	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	269994	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	476915	20.00	ng		0.00
75) Chrysene-d12	13.97	240	298465	20.00	ng		0.00
86) Perylene-d12	15.43	264	293103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1224554	121.30	ng		0.01
7) Phenol-d6	6.44	99	1434935	114.21	ng		0.00
23) Nitrobenzene-d5	7.36	82	917996	84.20	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	311897	119.89	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1320792	75.89	ng		0.00
78) Terphenyl-d14	12.90	244	1093475	88.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	186011	35.858	ng		95
3) Pyridine	3.32	79	490447	34.029	ng		95
4) n-Nitrosodimethylamine	3.28	42	263197	39.662	ng		96
6) Aniline	6.46	93	302901	17.348	ng	#	77
8) 2-Chlorophenol	6.58	128	430322	40.521	ng		97
9) Benzaldehyde	6.35	77	237946	25.643	ng		98
10) Phenol	6.45	94	586239	40.937	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	442815	39.421	ng		93
12) 1,3-Dichlorobenzene	6.73	146	466663	38.935	ng		98
13) 1,4-Dichlorobenzene	6.80	146	473285	38.668	ng		99
14) 1,2-Dichlorobenzene	6.96	146	427147	38.771	ng		99
15) Benzyl Alcohol	6.95	79	320189	37.025	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	725003	42.173	ng		64
17) 2-Methylphenol	7.06	107	360758	36.930	ng	#	90
18) Hexachloroethane	7.29	117	155884	36.632	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	301768	36.572	ng		95
20) 3+4-Methylphenols	7.22	107	481998	46.562	ng	#	83
22) Acetophenone	7.20	105	595630	43.011	ng	#	95
24) Nitrobenzene	7.38	77	485723	40.253	ng		98
25) Isophorone	7.62	82	900149	41.156	ng		98
26) 2-Nitrophenol	7.69	139	236915	45.701	ng		95
27) 2,4-Dimethylphenol	7.73	122	389518	44.228	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	554005	39.876	ng		98
29) 2,4-Dichlorophenol	7.95	162	381672	43.866	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	359450	39.147	ng		98
31) Naphthalene	8.09	128	1186821	38.843	ng		99
32) Benzoic acid	7.85	122	29042	12.043	ng		95
33) 4-Chloroaniline	8.16	127	159051	11.977	ng		97
34) Hexachlorobutadiene	8.20	225	200681	37.788	ng		99
35) Caprolactam	8.57	113	44935	14.873	ng		95
36) 4-Chloro-3-methylphenol	8.65	107	387337	40.503	ng		99
37) 2-Methylnaphthalene	8.79	142	769797	38.670	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	364691	40.007	ng		98
40) Hexachlorocyclopentadiene	8.93	237	11011	19.156	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101663.D
Acq On : 22 Dec 2017 19:42
Operator : SJ/JU
Sample : I7002-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-3DS(16-20)MSD

Quant Time: Dec 22 22:35:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	241448	43.996 ng		98
43) 2,4,5-Trichlorophenol	9.13	196	244288	40.654 ng		93
45) 1,1'-Biphenyl	9.25	154	926972	38.713 ng		99
46) 2-Chloronaphthalene	9.27	162	706085	38.539 ng		97
47) 2-Nitroaniline	9.39	65	269457	42.574 ng		92
48) Acenaphthylene	9.69	152	1014276	35.050 ng		99
49) Dimethylphthalate	9.55	163	926963	42.683 ng		99
50) 2,6-Dinitrotoluene	9.63	165	176465	39.979 ng	#	88
51) Acenaphthene	9.86	154	622775	35.821 ng		99
52) 3-Nitroaniline	9.80	138	132072	24.000 ng		97
53) 2,4-Dinitrophenol	9.93	184	29355	26.952 ng	#	20
54) Dibenzofuran	10.03	168	885263	40.067 ng		96
55) 4-Nitrophenol	9.98	139	199307	83.060 ng		89
56) 2,4-Dinitrotoluene	10.05	165	220984	44.437 ng	#	92
57) Fluorene	10.38	166	721296	38.591 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	193705	44.869 ng		89
59) Diethylphthalate	10.25	149	807834	37.563 ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	348935	38.953 ng		94
61) 4-Nitroaniline	10.42	138	179824	32.510 ng		95
62) Azobenzene	10.53	77	800881	35.948 ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	51164	21.023 ng		94
65) n-Nitrosodiphenylamine	10.49	169	687989	39.068 ng		95
66) 4-Bromophenyl-phenylether	10.86	248	220690	41.183 ng	#	86
67) Hexachlorobenzene	10.93	284	223708	39.444 ng	#	86
68) Atrazine	11.02	200	220360	41.967 ng		98
69) Pentachlorophenol	11.13	266	193147	86.953 ng		98
70) Phenanthrene	11.35	178	1013629	38.218 ng		98
71) Anthracene	11.40	178	1031281	38.067 ng		100
72) Carbazole	11.56	167	930061	36.668 ng		99
73) Di-n-butylphthalate	11.87	149	1207792	39.232 ng		99
74) Fluoranthene	12.53	202	985802	35.411 ng		100
76) Benzidine	12.66	184	408723	32.424 ng		99
77) Pyrene	12.76	202	978026	43.662 ng		99
79) Butylbenzylphthalate	13.37	149	443805	43.788 ng		99
80) Benzo(a)anthracene	13.96	228	766112	38.873 ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	193637	30.133 ng	#	97
82) Chrysene	14.00	228	730386	39.251 ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	575631	44.839 ng		100
84) Di-n-octyl phthalate	14.53	149	929821	40.613 ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	673764	40.661 ng		96
87) Benzo(b)fluoranthene	15.01	252	693655	38.827 ng		99
88) Benzo(k)fluoranthene	15.01	252	693655	39.934 ng		98
89) Benzo(a)pyrene	15.37	252	647966	39.344 ng		99
90) Dibenzo(a,h)anthracene	16.92	278	567025	40.100 ng		97
91) Benzo(g,h,i)perylene	17.36	276	570401	40.738 ng		96

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

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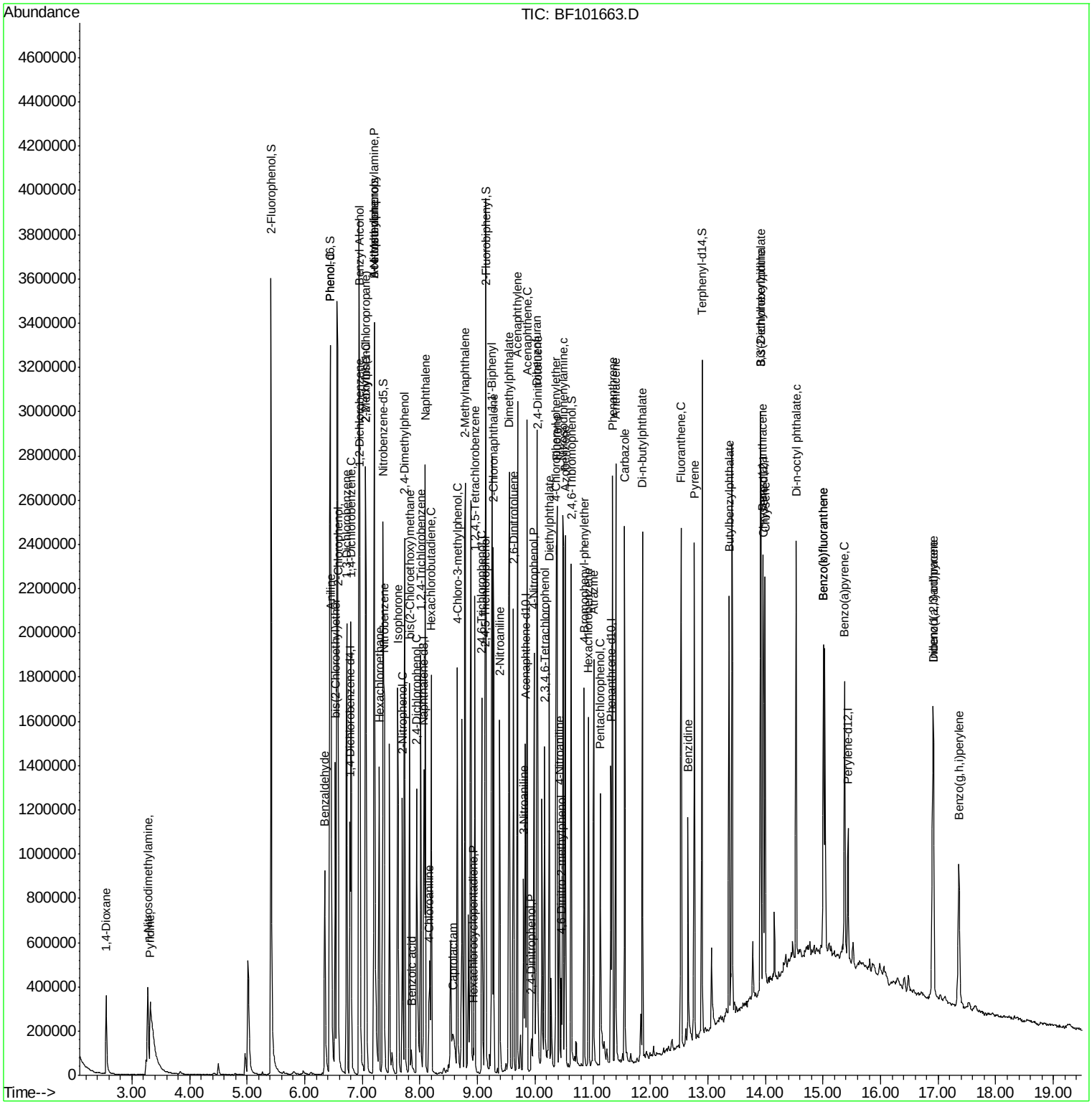
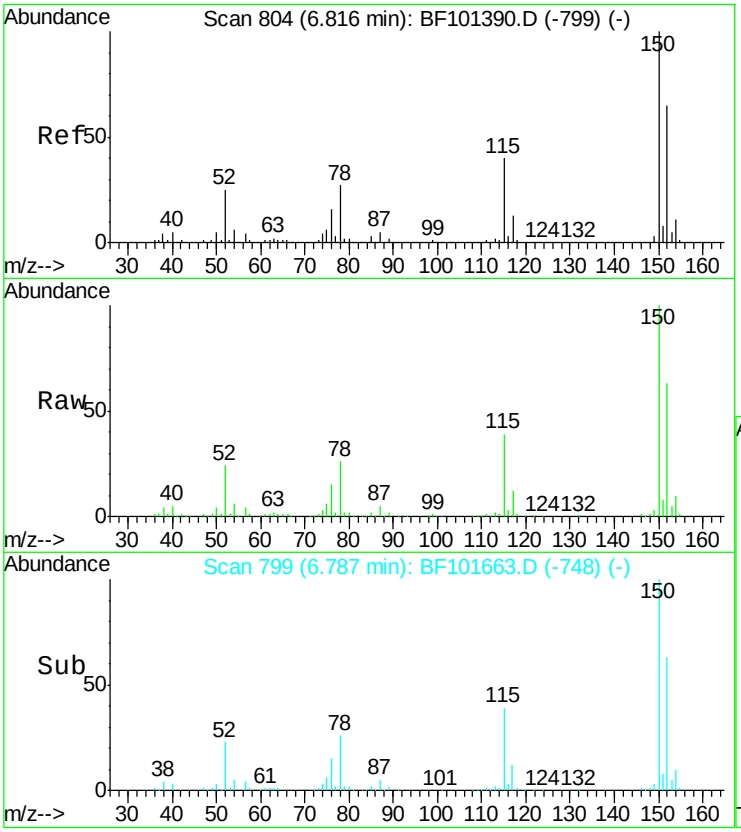
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101663.D
Acq On : 22 Dec 2017 19:42
Operator : SJ/JU
Sample : I7002-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Quant Time: Dec 22 22:35:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



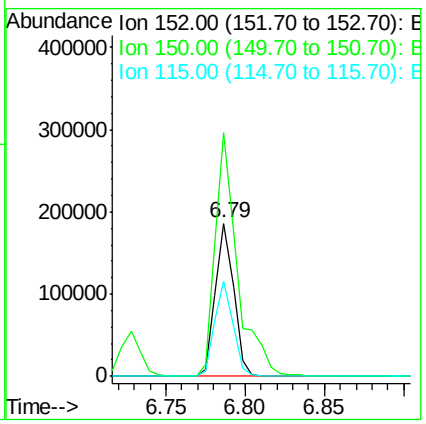


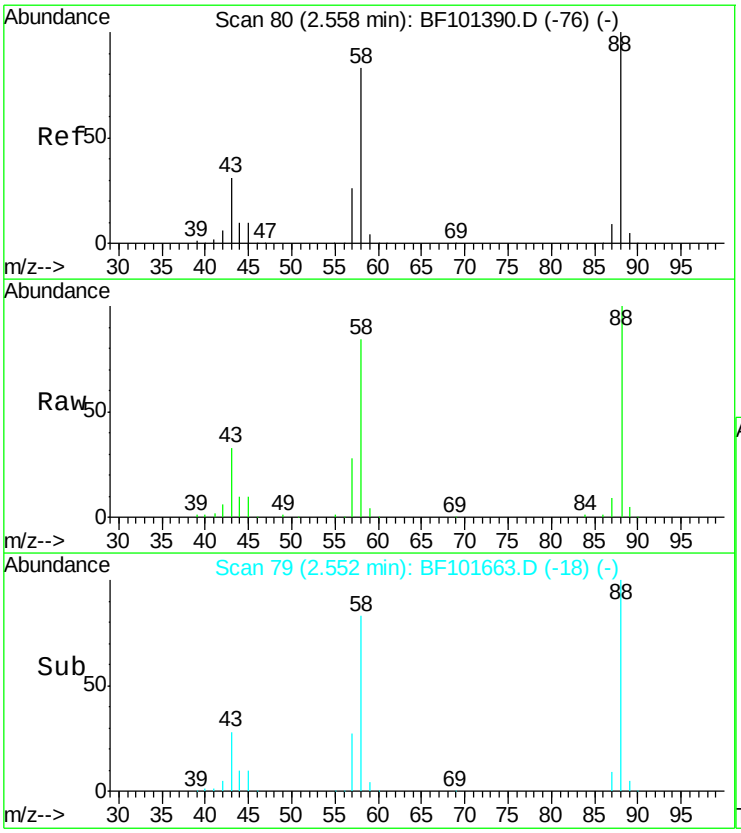
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:152 Resp: 150381

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	61.9	50.1	75.1

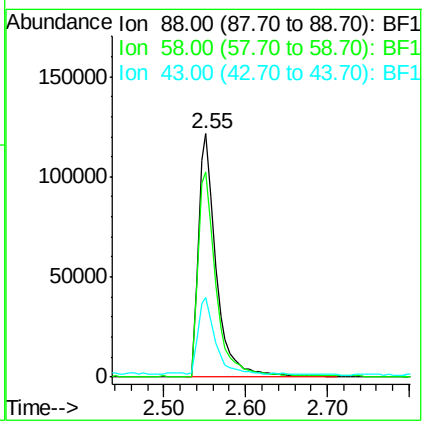


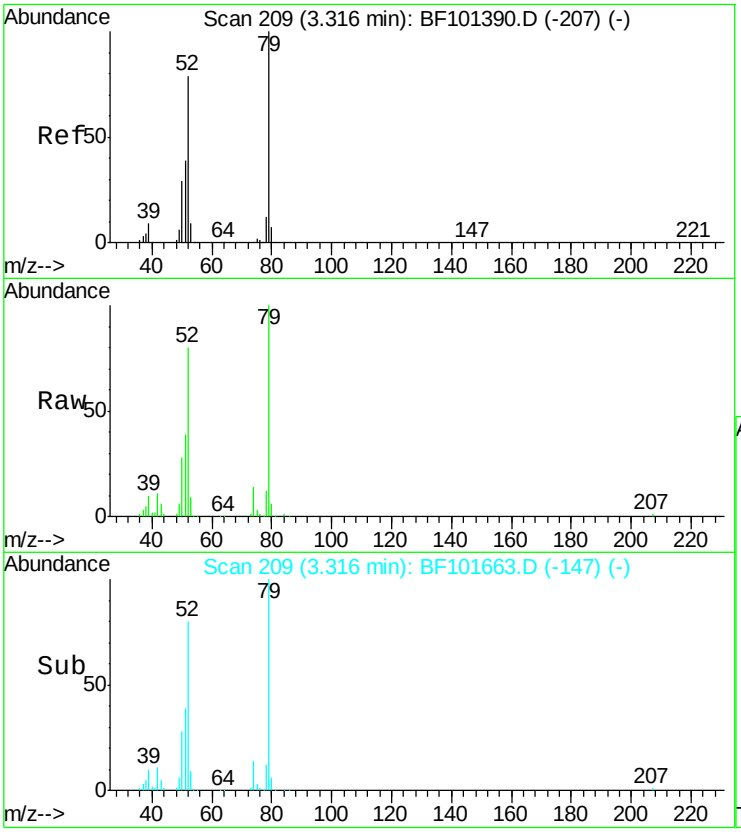


#2
1,4-Dioxane
Concen: 35.858 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.06 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 88 Resp: 186011

Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.6	93.8
43	29.9	24.6	37.0



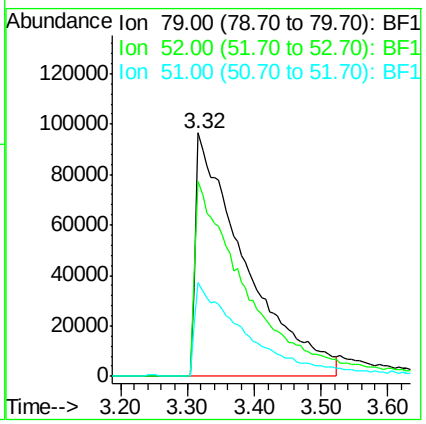


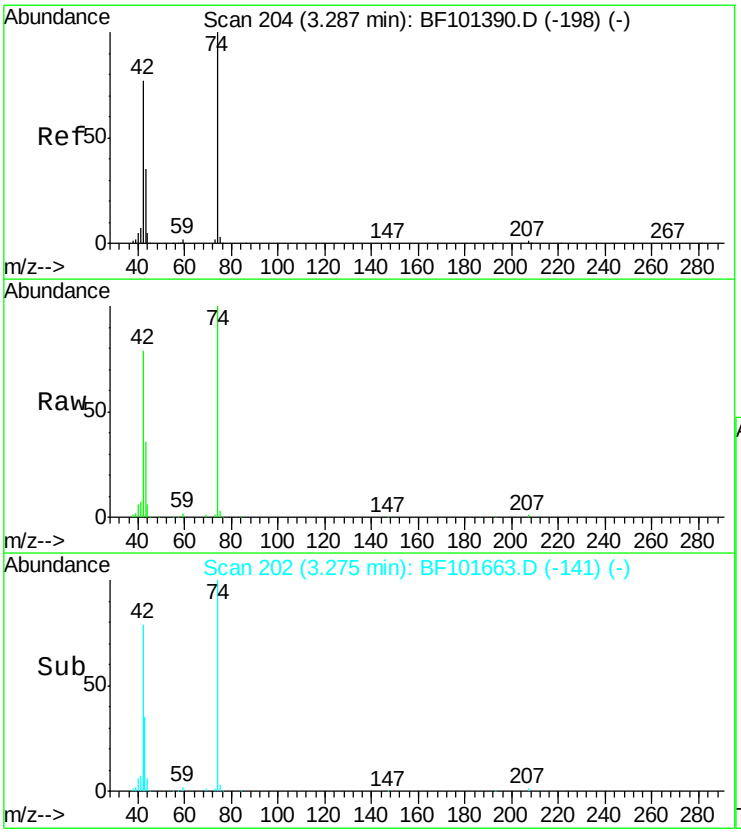
#3
Pyridine
Concen: 34.029 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.06 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 79 Resp: 490447

Ion	Ratio	Lower	Upper
79	100		
52	80.2	59.8	89.6
51	38.7	29.8	44.8

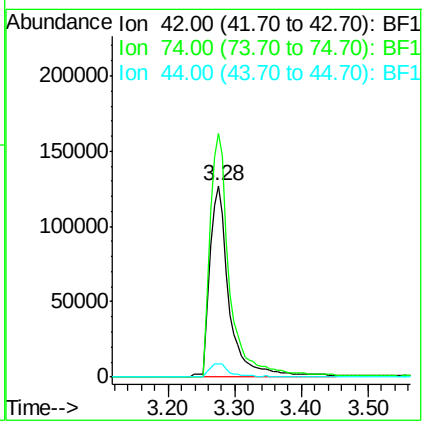


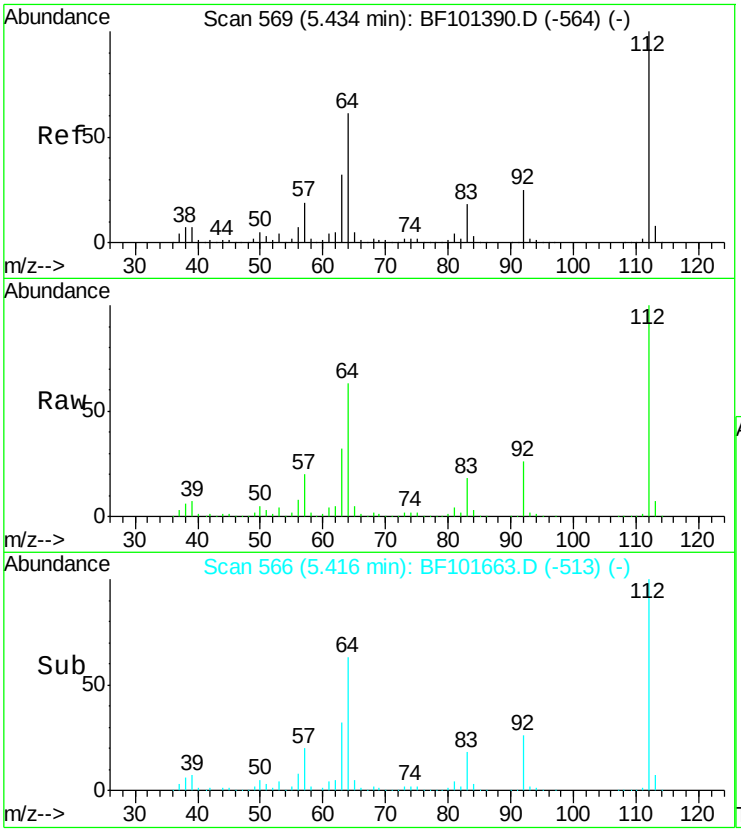


#4
n-Nitrosodimethylamine
Concen: 39.662 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.06 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 42 Resp: 263197

Ion	Ratio	Lower	Upper
42	100		
74	127.0	104.9	157.3
44	7.0	6.9	10.3



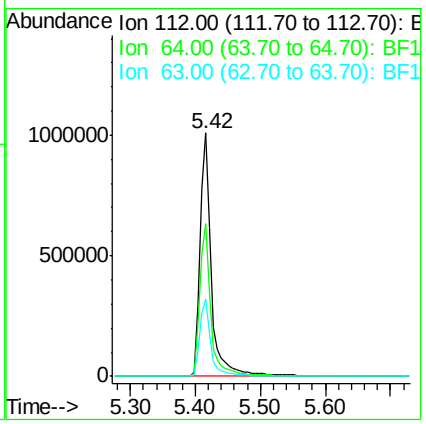


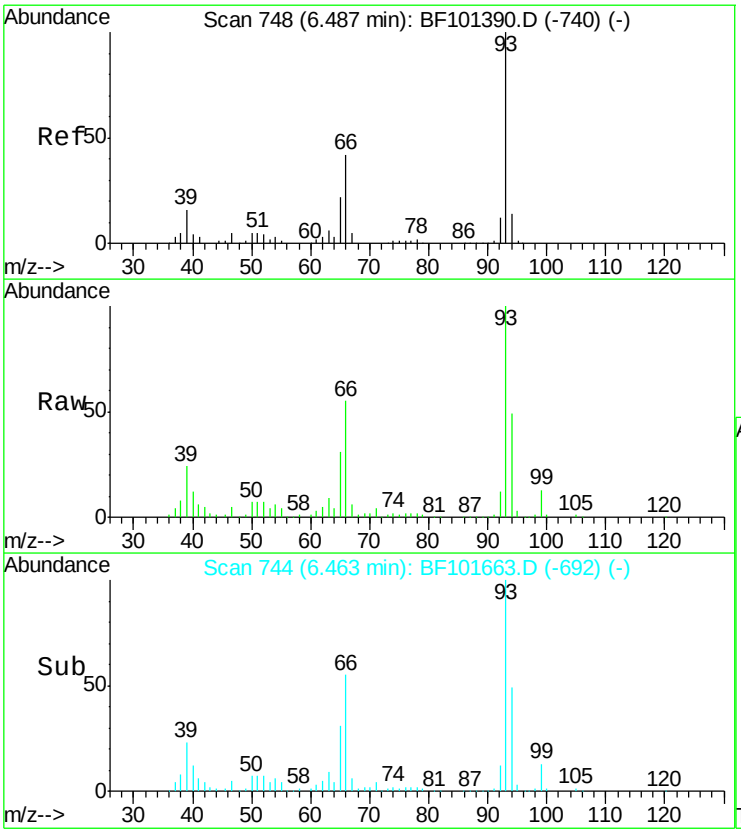
#5
2-Fluorophenol
Concen: 121.297 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:112 Resp: 1224554

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	31.9	23.7	35.5

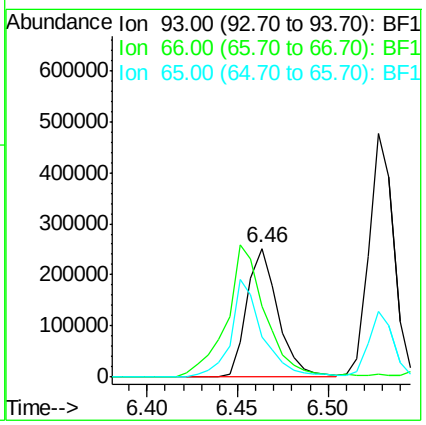


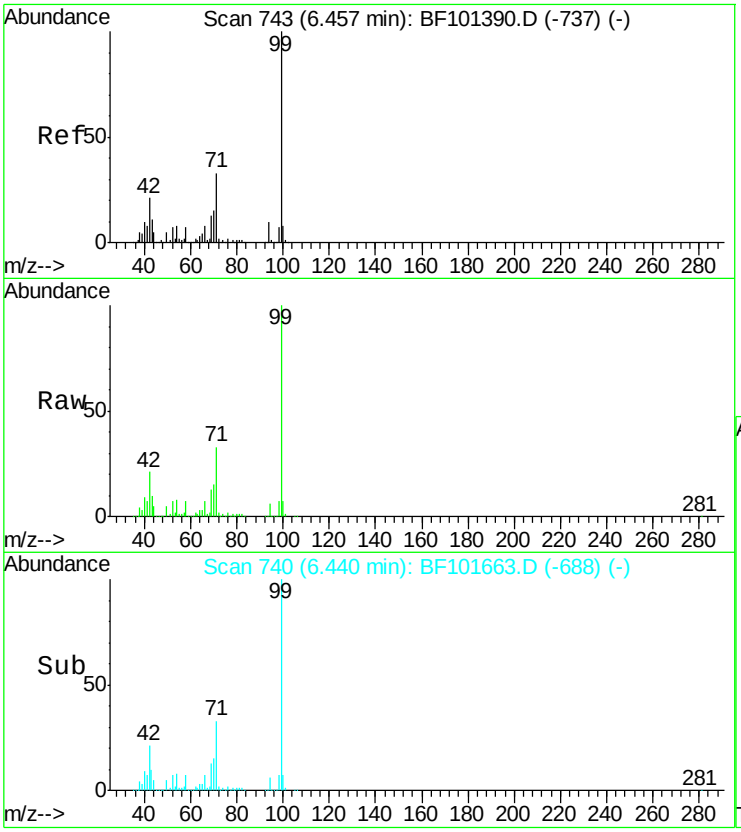


#6
Aniline
Concen: 17.348 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 93 Resp: 302901

Ion	Ratio	Lower	Upper
93	100		
66	54.5	32.2	48.2#
65	31.4	16.4	24.6#



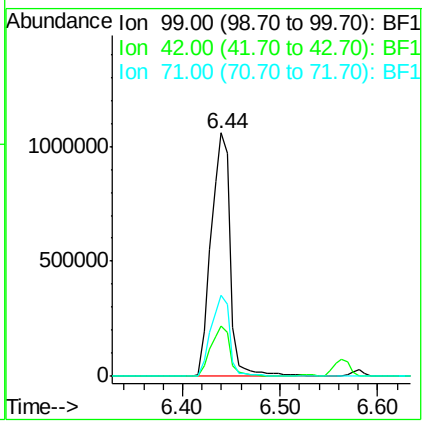


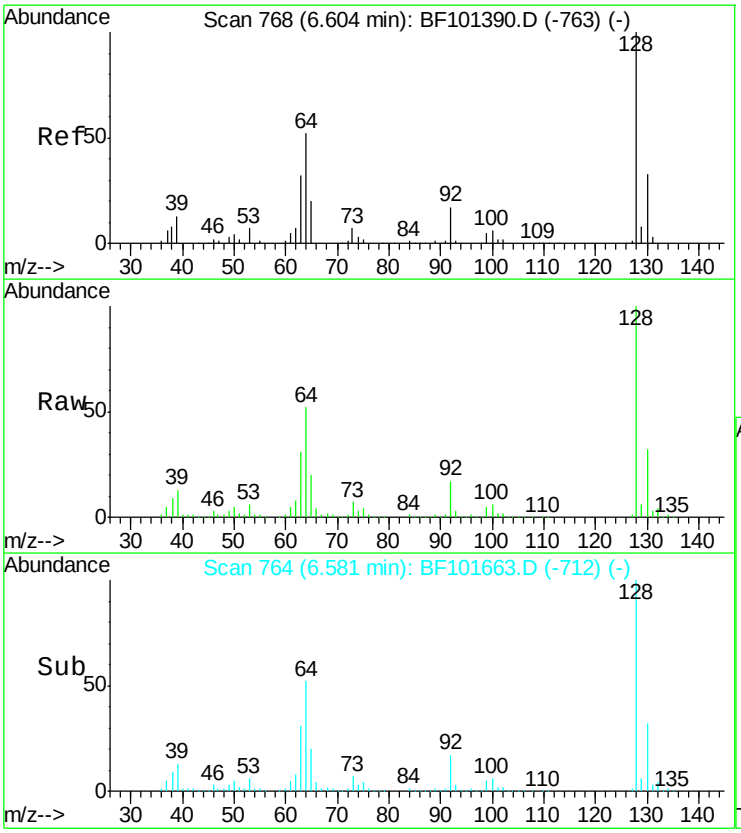
#7
Phenol-d6
Concen: 114.207 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 99 Resp: 1434935

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.4	25.4	38.0

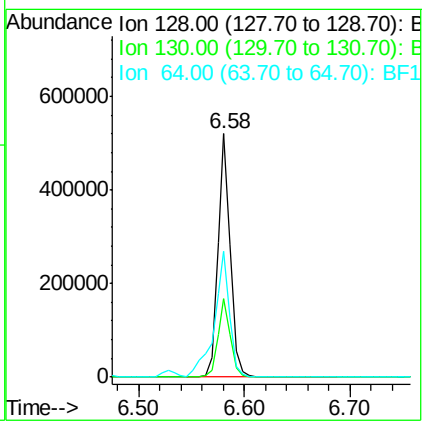


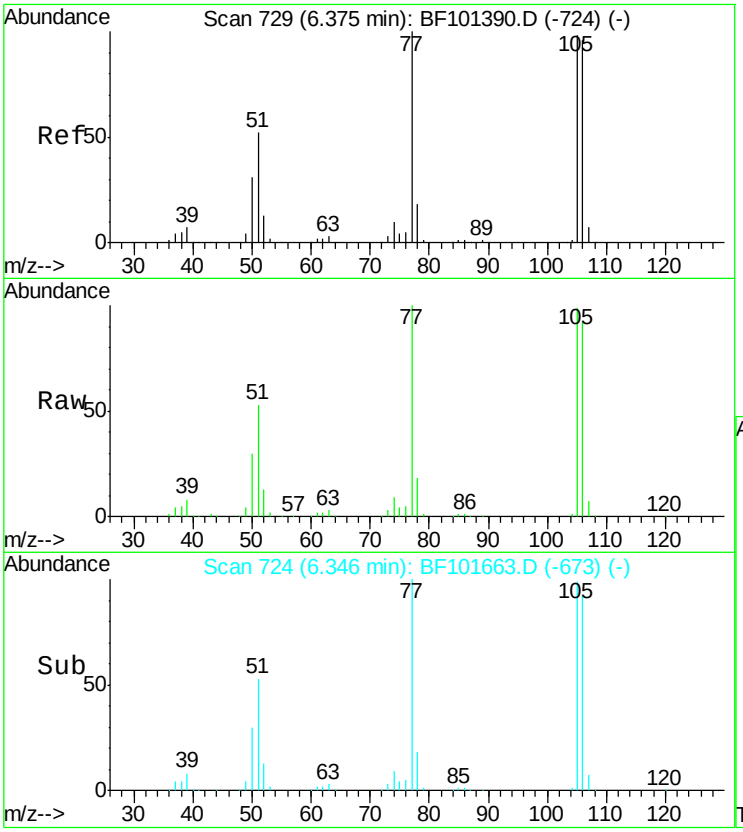


#8
2-Chlorophenol
Concen: 40.521 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:128 Resp: 430322

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	51.7	29.4	69.4



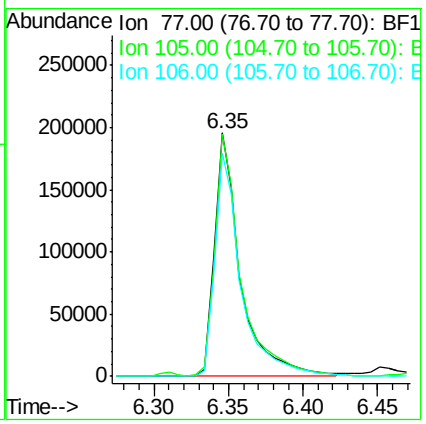


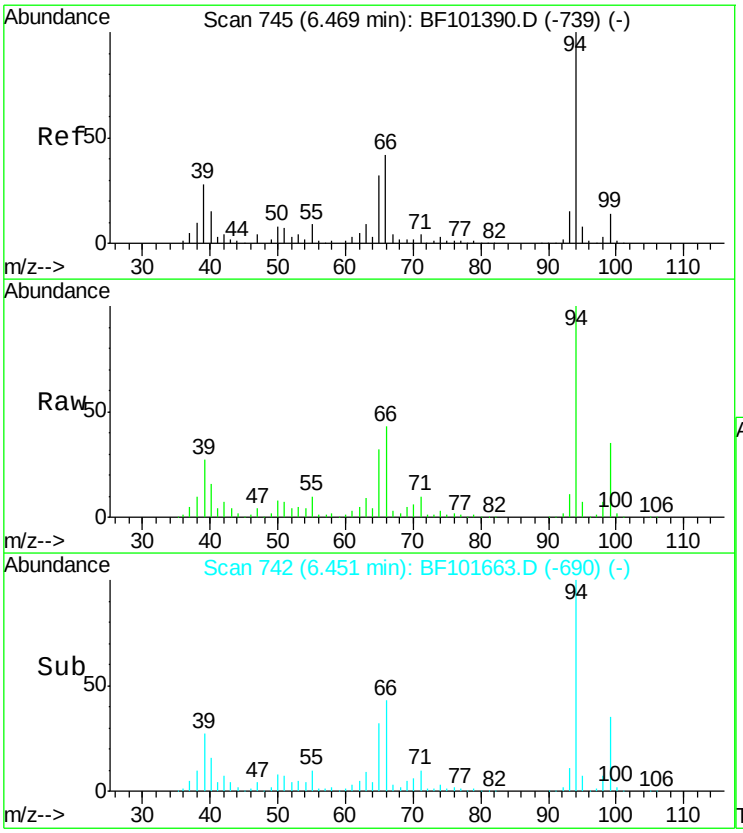
#9
Benzaldehyde
Concen: 25.643 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 77 Resp: 237946

Ion	Ratio	Lower	Upper
77	100		
105	99.3	81.1	121.1
106	91.7	74.5	114.5

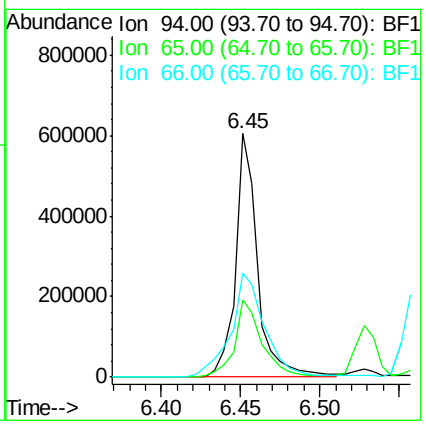


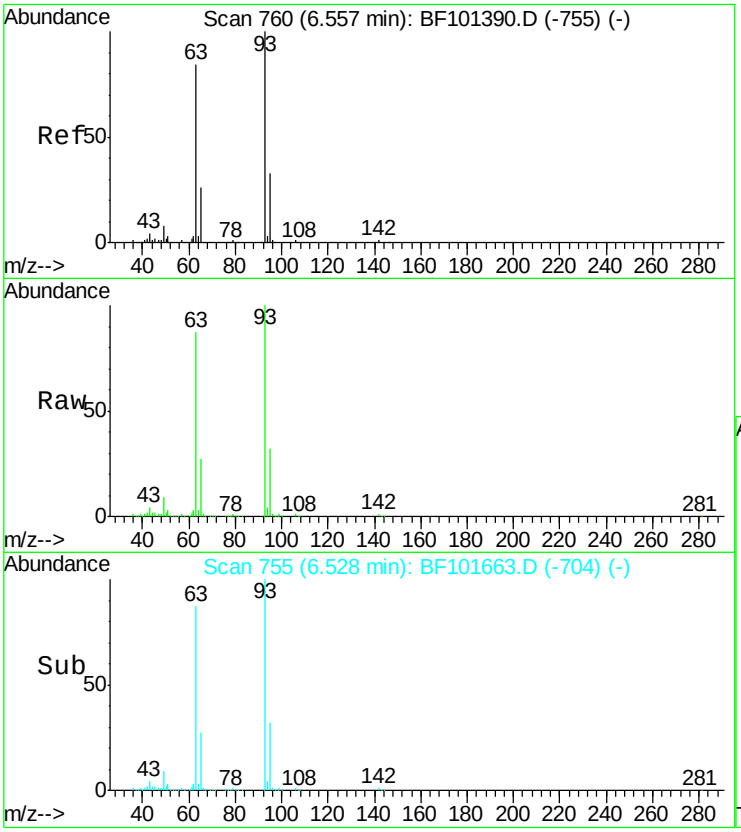


#10
Phenol
Concen: 40.937 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 94 Resp: 586239

Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	42.9	16.2	56.2



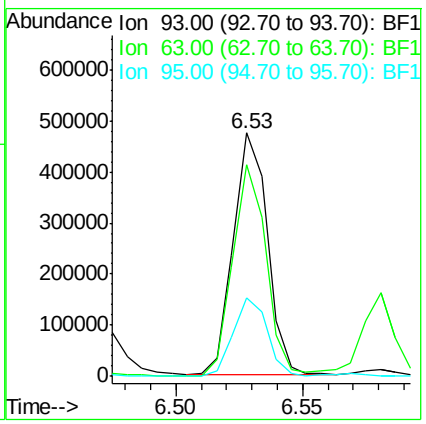


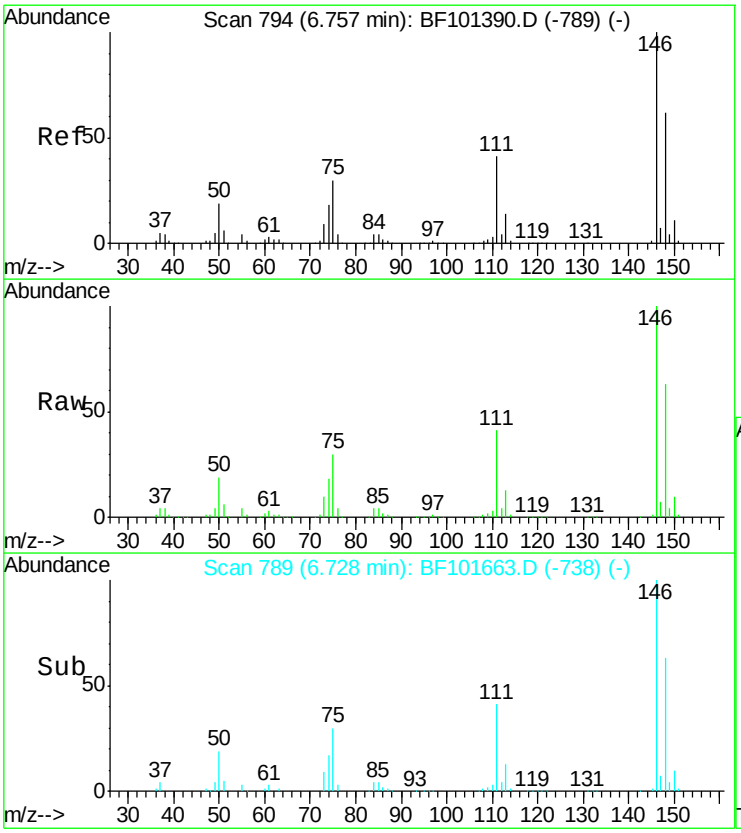
#11
bis(2-Chloroethyl)ether
Concen: 39.421 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 93 Resp: 442815

Ion	Ratio	Lower	Upper
93	100		
63	86.8	58.6	98.6
95	32.4	11.8	51.8

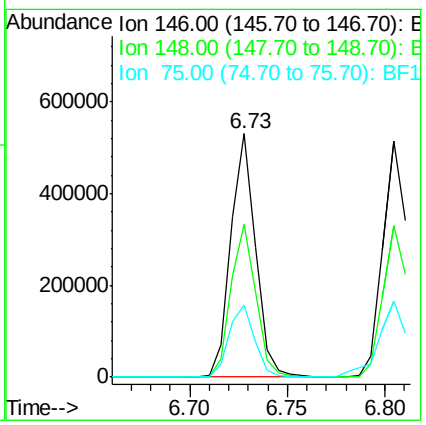


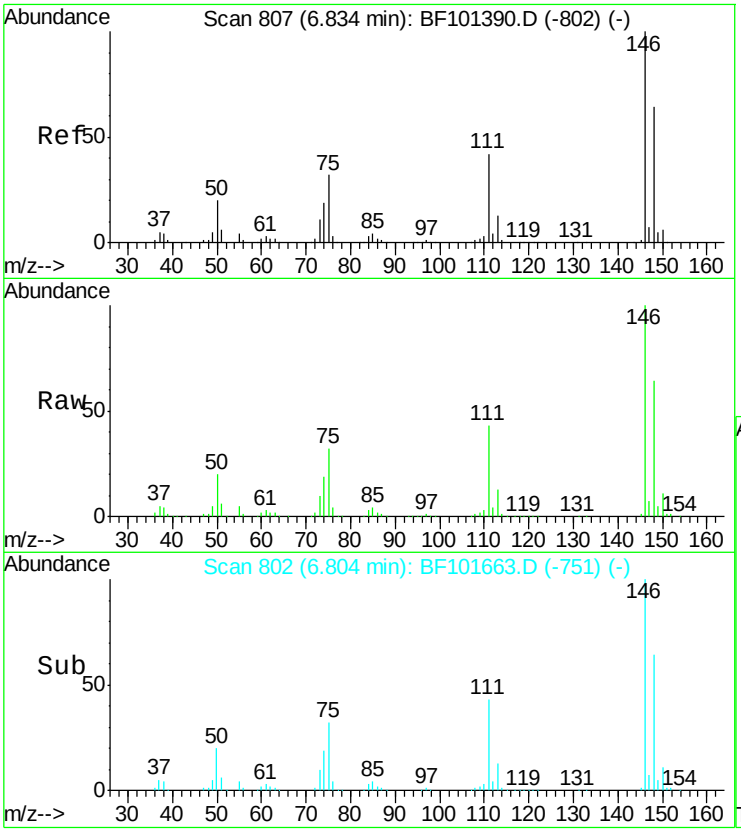


#12
1,3-Dichlorobenzene
Concen: 38.935 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:146 Resp: 466663

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	29.8	24.2	36.4



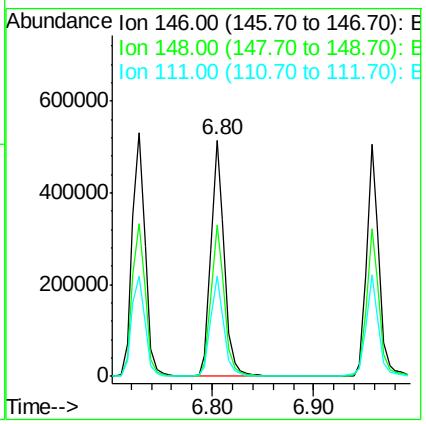


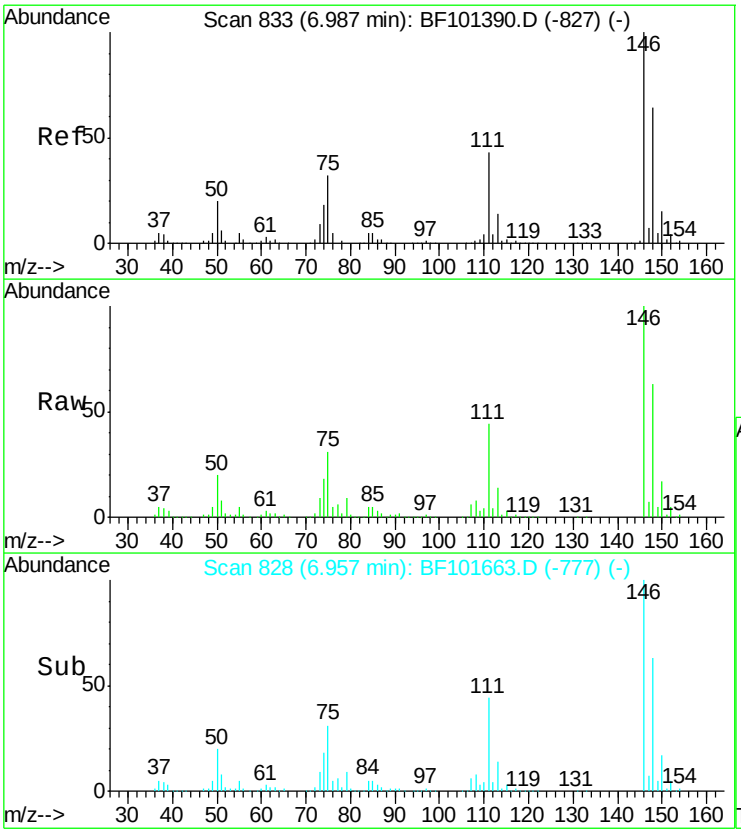
#13
1,4-Dichlorobenzene
Concen: 38.668 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:146 Resp: 473285

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	42.7	34.2	51.2

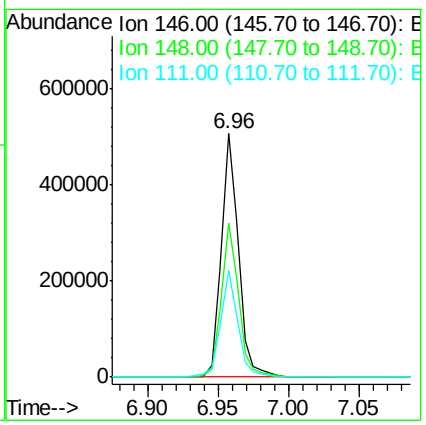


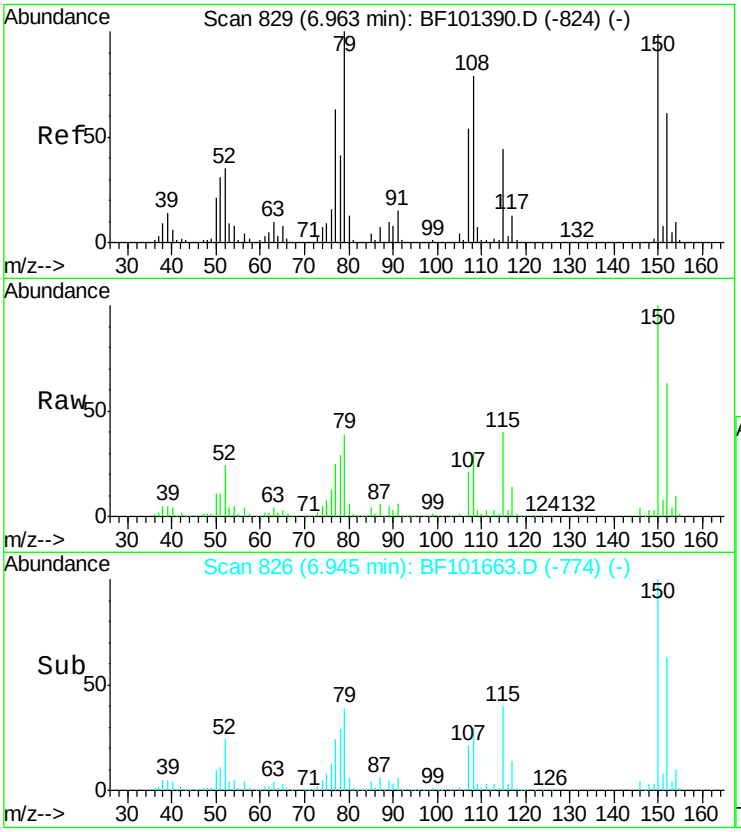


#14
1,2-Dichlorobenzene
Concen: 38.771 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:146 Resp: 427147

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	43.8	36.0	54.0



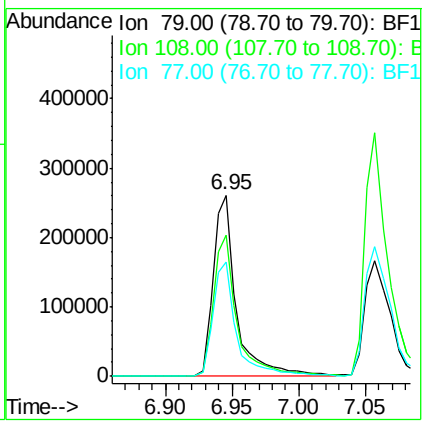


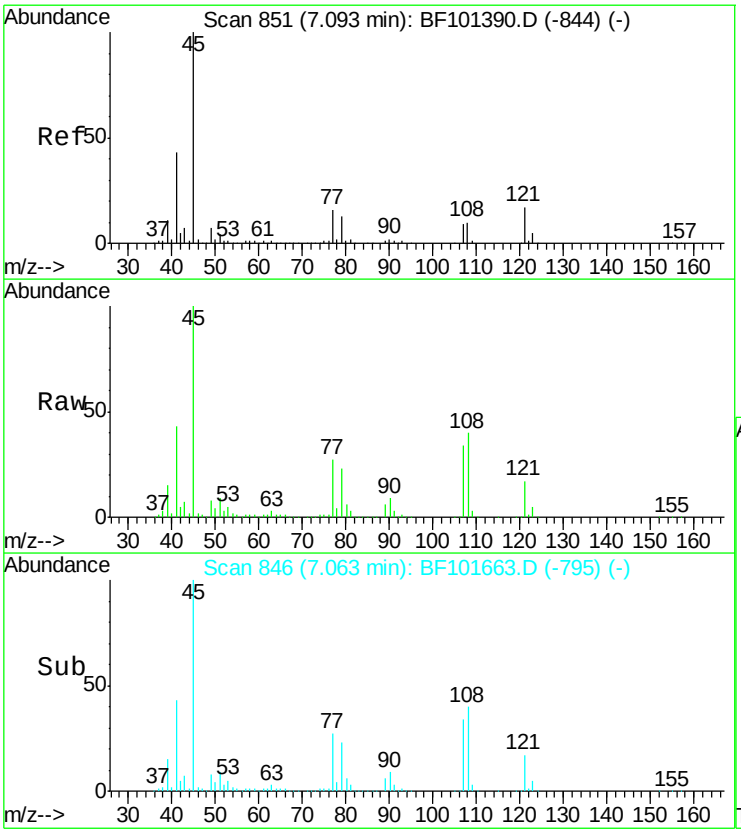
#15
Benzyl Alcohol
Concen: 37.025 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 79 Resp: 320189

Ion	Ratio	Lower	Upper
79	100		
108	77.6	65.1	97.7
77	63.3	50.6	75.8

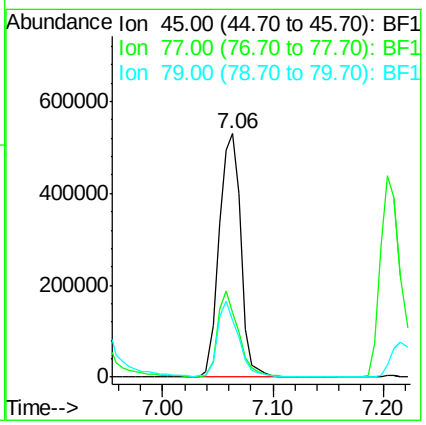


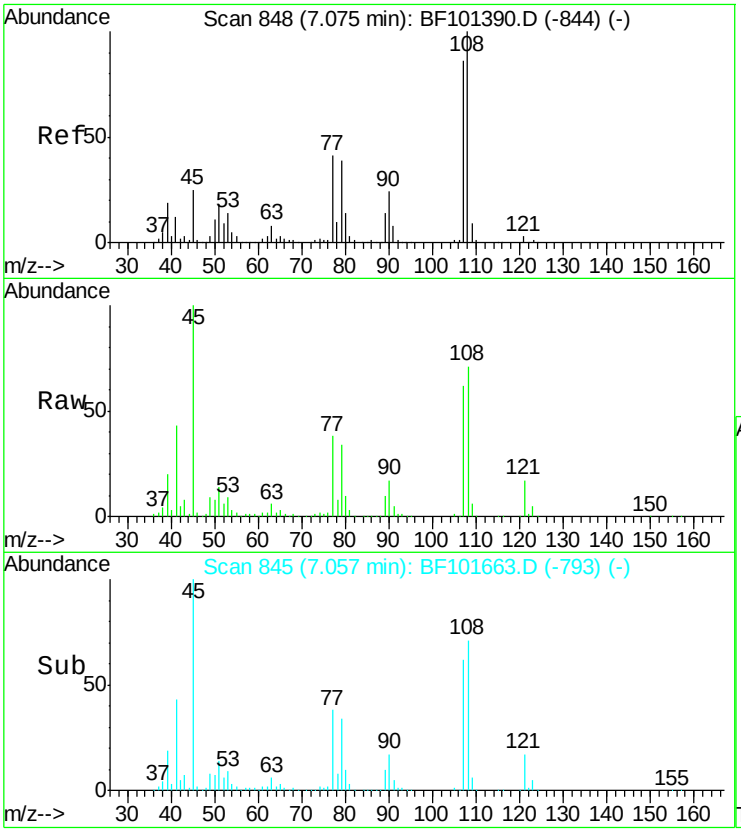


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.173 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 45 Resp: 725003

Ion	Ratio	Lower	Upper
45	100		
77	26.7	0.0	32.9
79	23.3	0.0	29.6



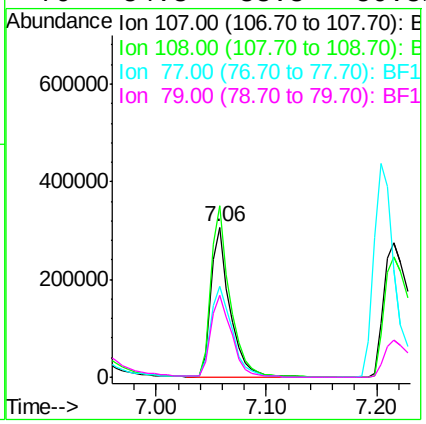


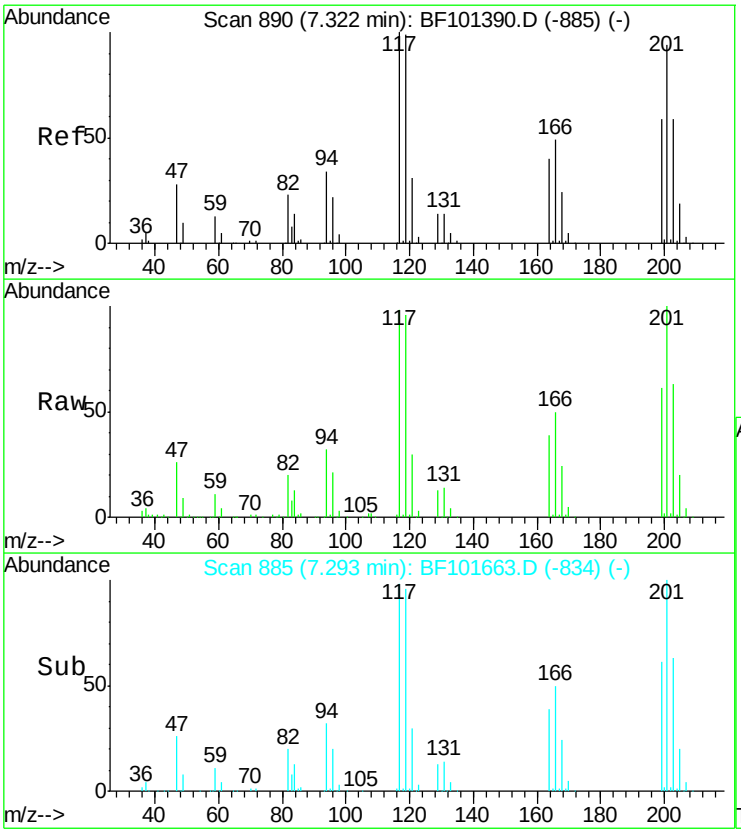
#17
2-Methylphenol
Concen: 36.930 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:107 Resp: 360758

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	60.7	33.8	50.8#
79	54.3	33.8	50.8#

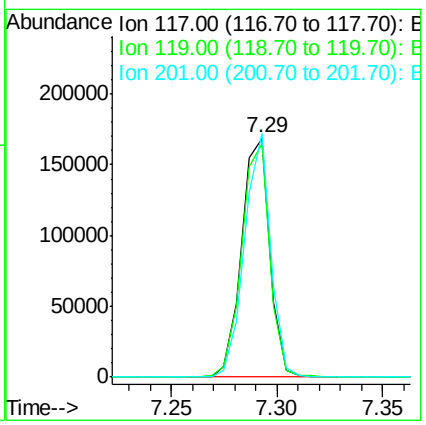


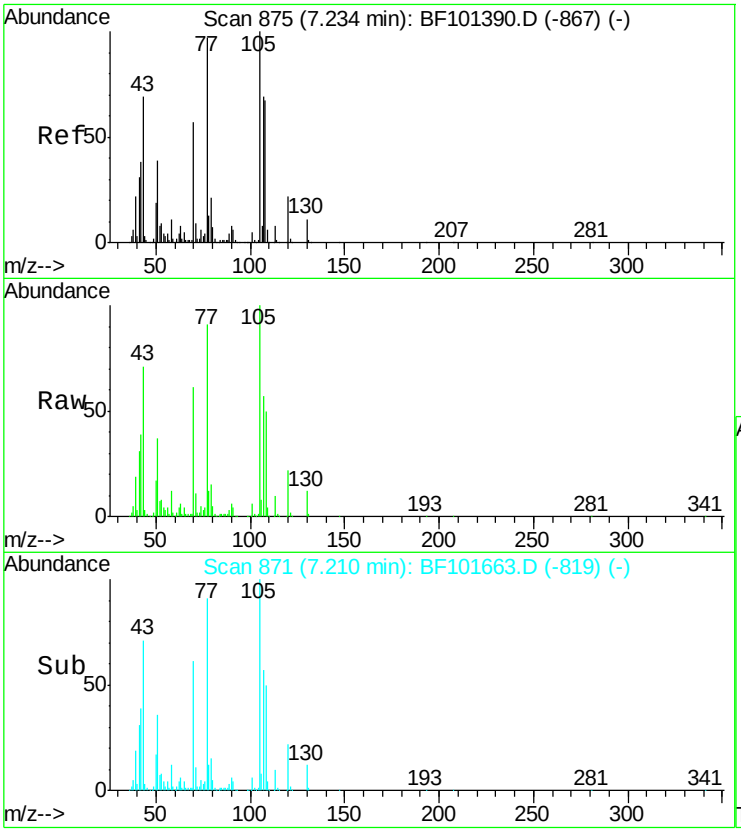


#18
Hexachloroethane
Concen: 36.632 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:117 Resp: 155884

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.8
201	102.0	75.7	113.5



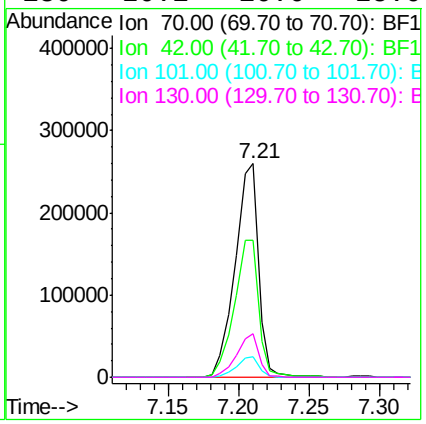


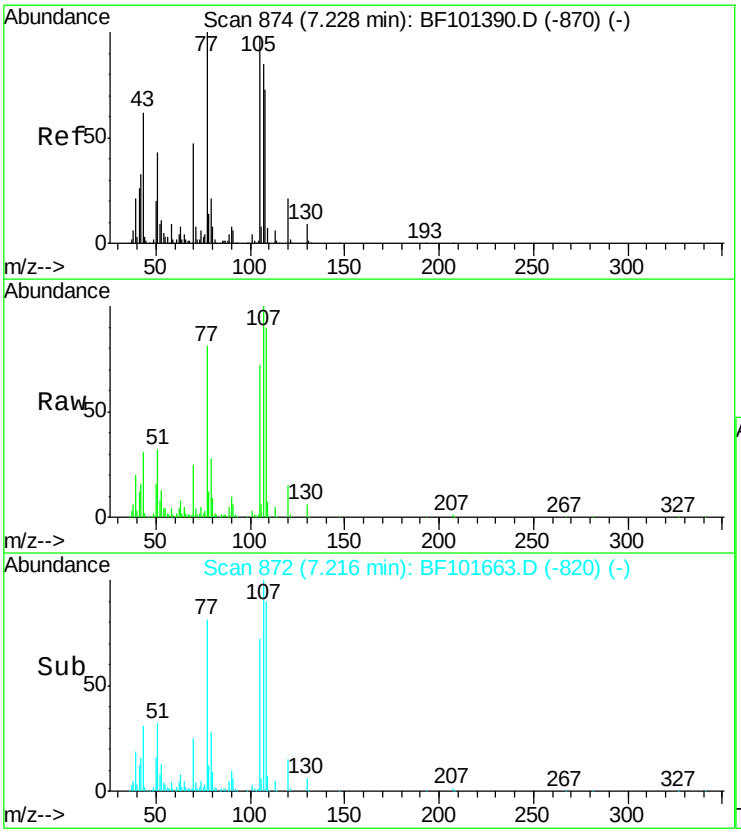
#19
n-Nitroso-di-n-propylamine
Concen: 36.572 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 70 Resp: 301768

Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.5	71.3
101	9.7	7.4	11.2
130	20.1	16.6	25.0

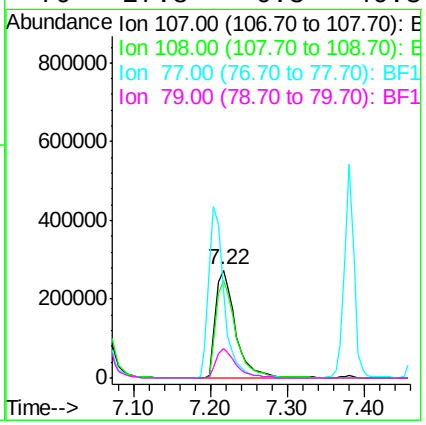


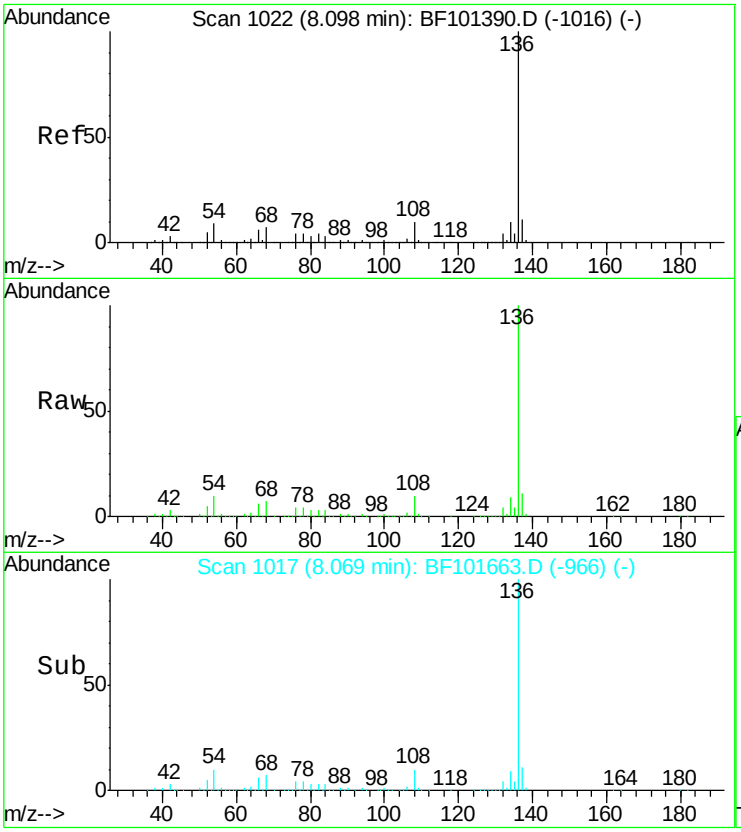


#20
3+4-Methylphenols
Concen: 46.562 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:107 Resp: 481998

Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	80.7	26.7	66.7#
79	27.8	6.3	46.3



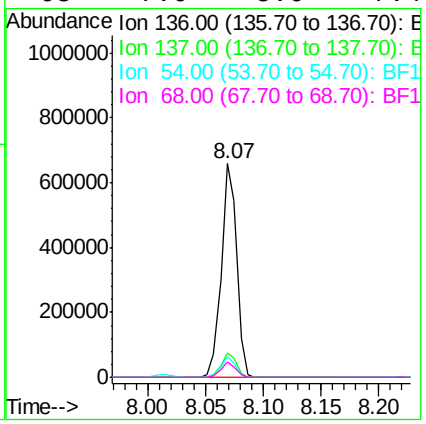


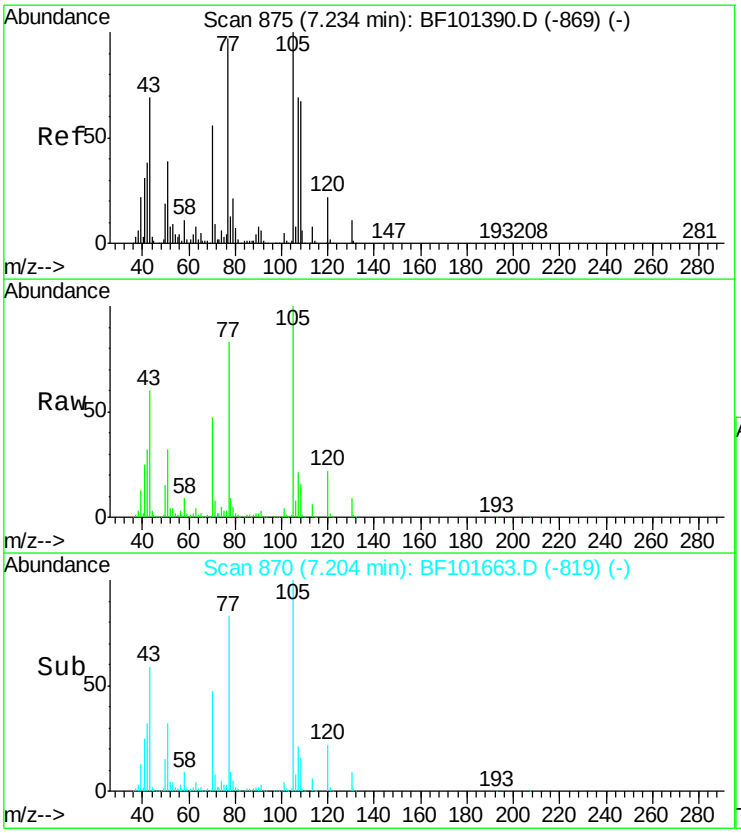
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:136 Resp: 606911

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.8	6.6	9.8
68	7.0	5.0	7.4

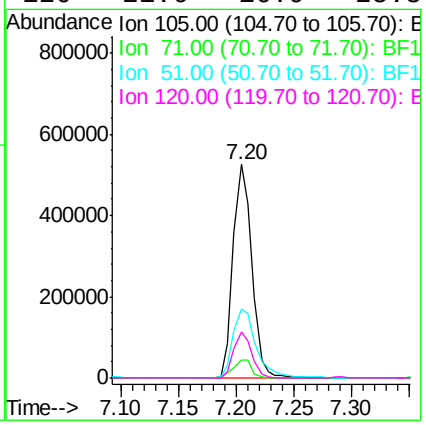


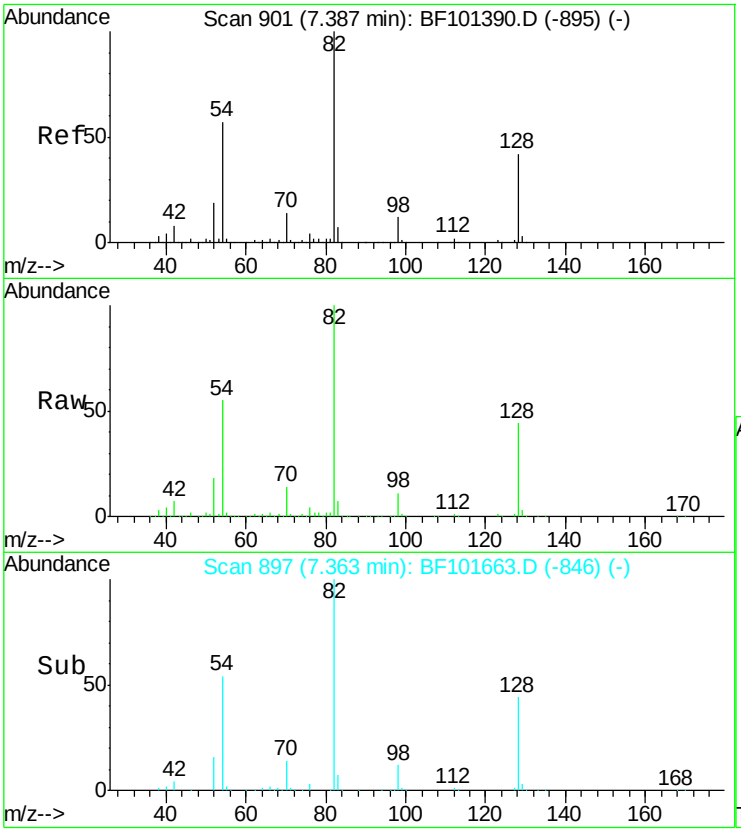


#22
Acetophenone
Concen: 43.011 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:105 Resp: 595630

Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	32.2	22.3	33.5
120	21.6	16.9	25.3



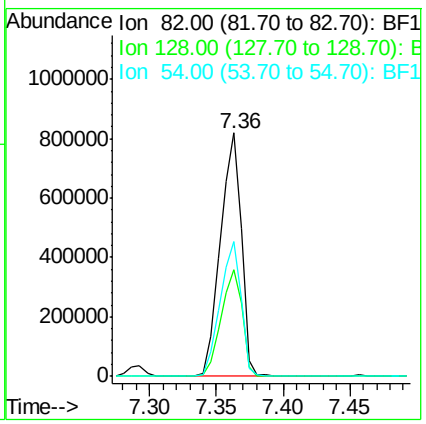


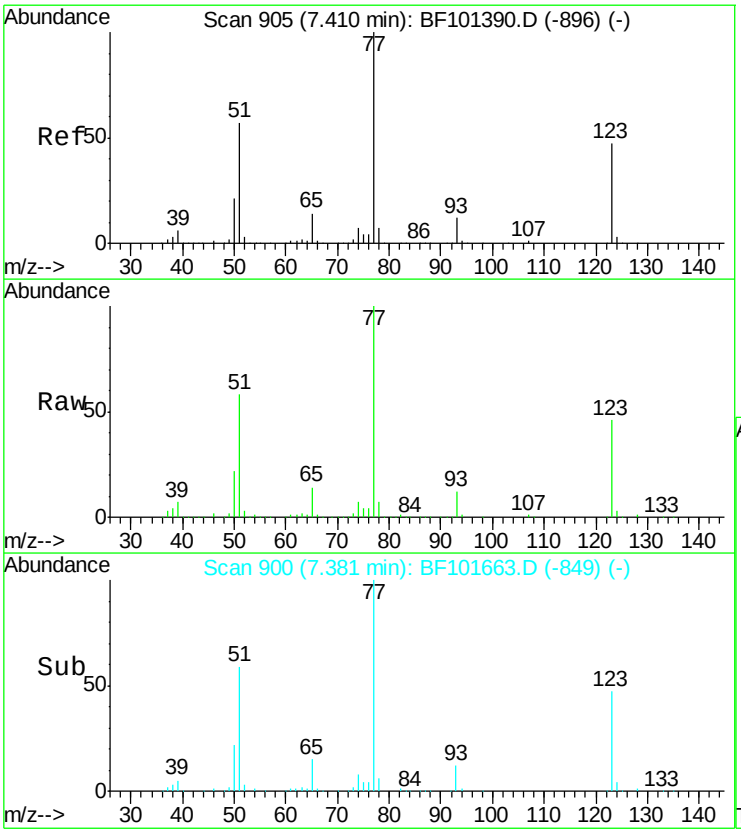
#23
Nitrobenzene-d5
Concen: 84.198 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 82 Resp: 917996

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	55.5	41.4	62.2

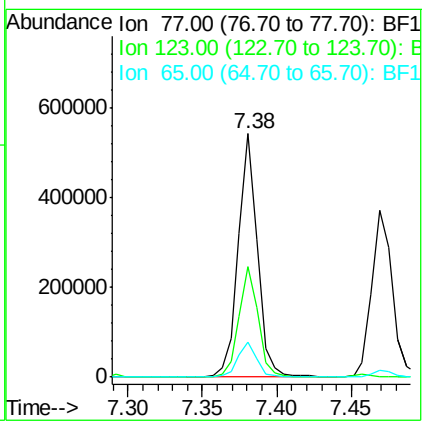


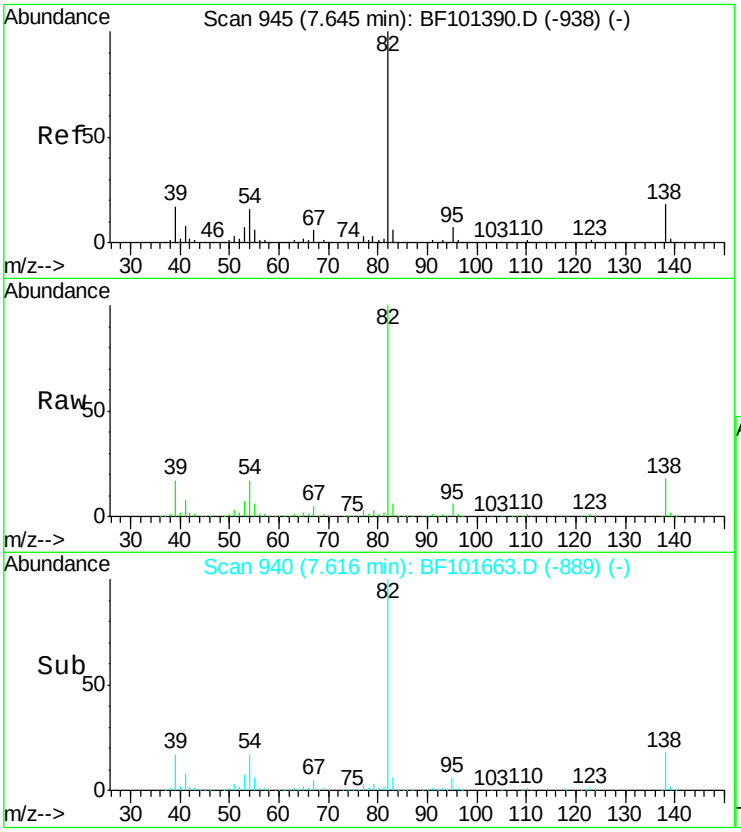


#24
Nitrobenzene
Concen: 40.253 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 77 Resp: 485723

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	14.3	11.0	16.4



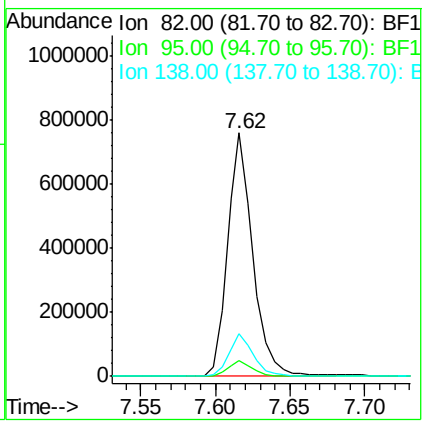


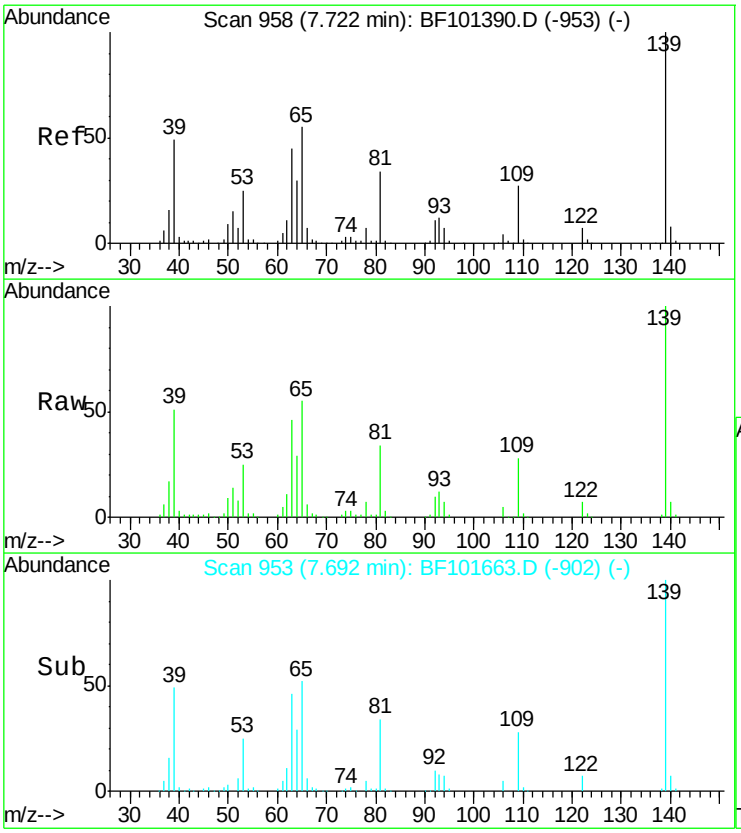
#25
Isophorone
Concen: 41.156 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 82 Resp: 900149

Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.5	14.9	22.3

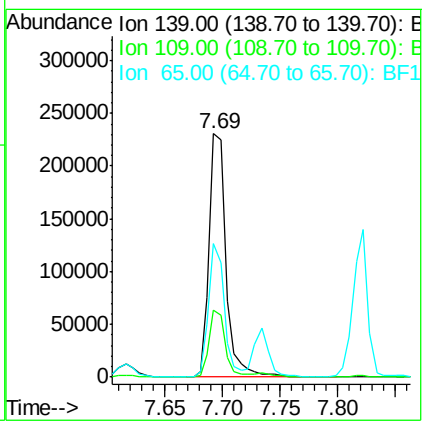


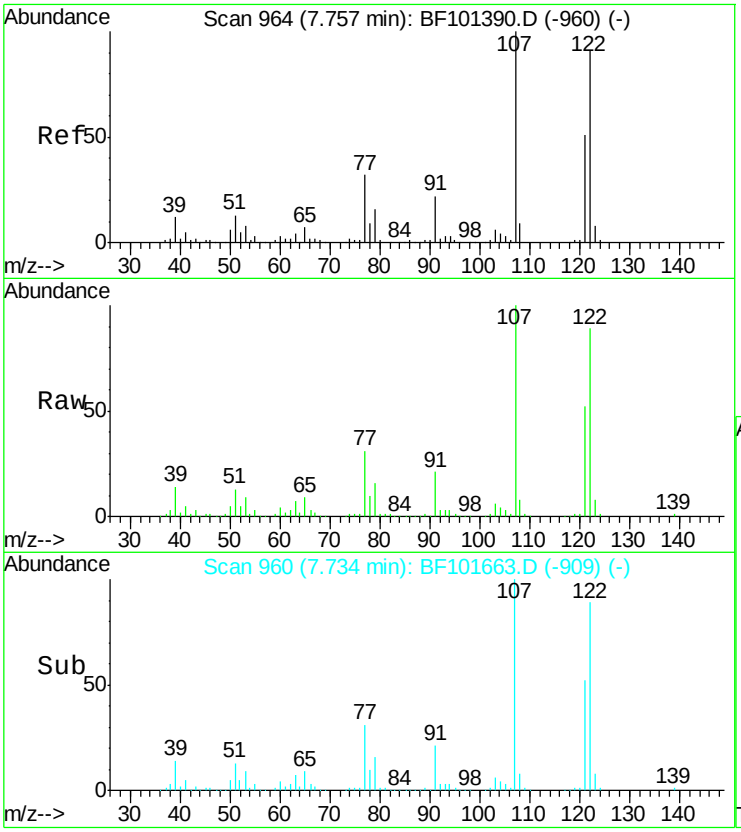


#26
2-Nitrophenol
Concen: 45.701 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:139 Resp: 236915

Ion	Ratio	Lower	Upper
139	100		
109	27.6	22.7	34.1
65	55.0	40.5	60.7



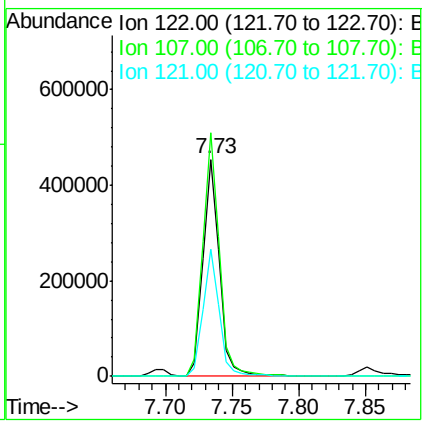


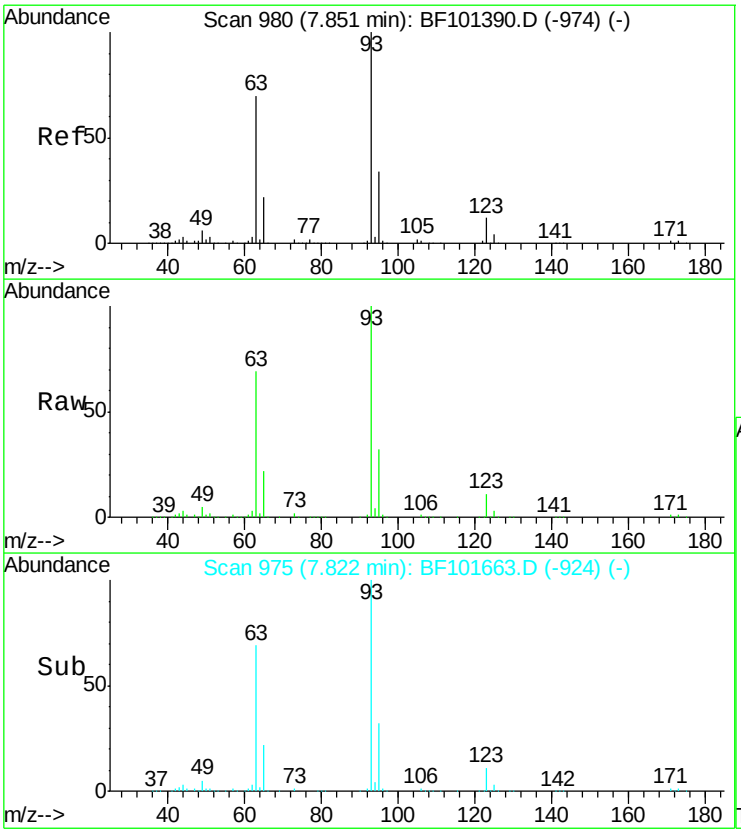
#27
2,4-Dimethylphenol
Concen: 44.228 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:122 Resp: 389518

Ion	Ratio	Lower	Upper
122	100		
107	112.0	91.2	136.8
121	58.2	47.2	70.8

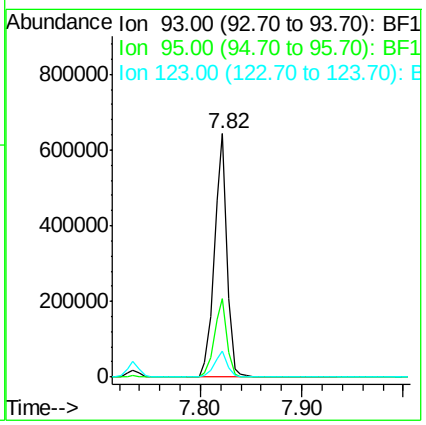


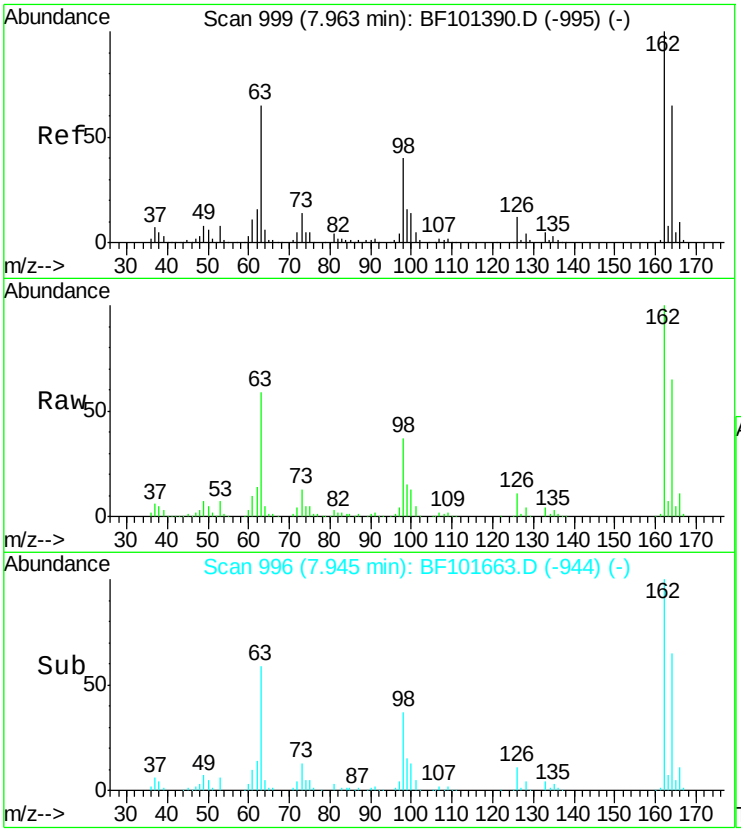


#28
bis(2-Chloroethoxy)methane
Concen: 39.876 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 93 Resp: 554005

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	10.8	9.8	14.6



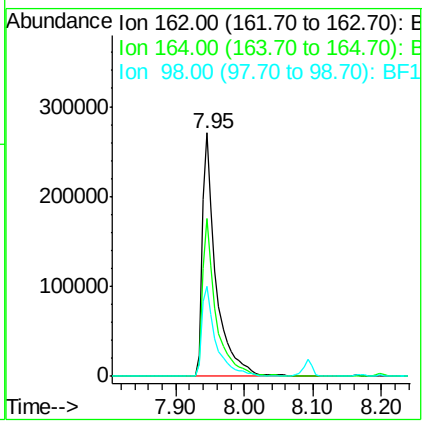


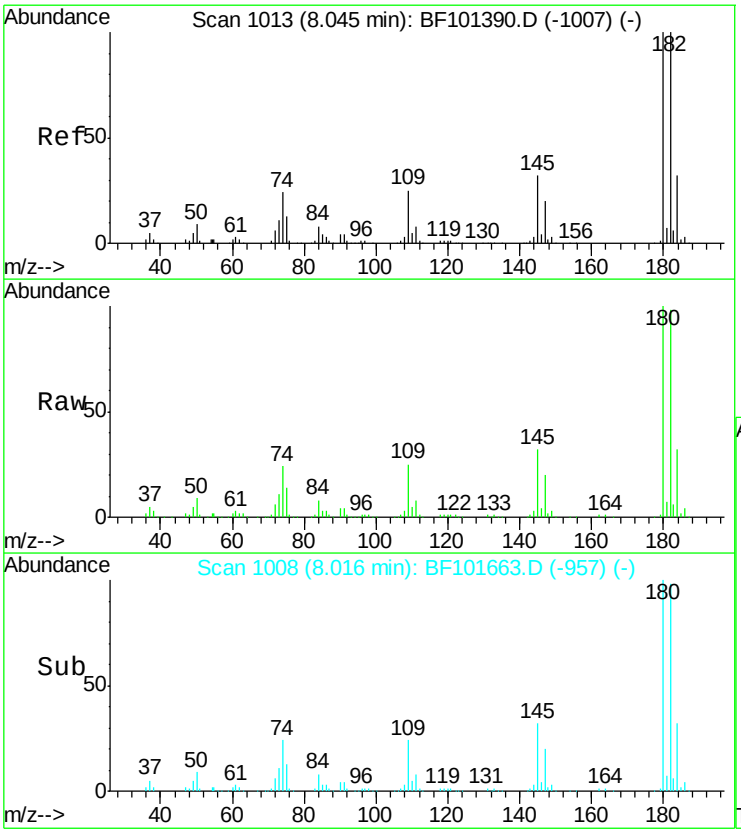
#29
2,4-Dichlorophenol
Concen: 43.866 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:162 Resp: 381672

Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	36.8	18.1	58.1

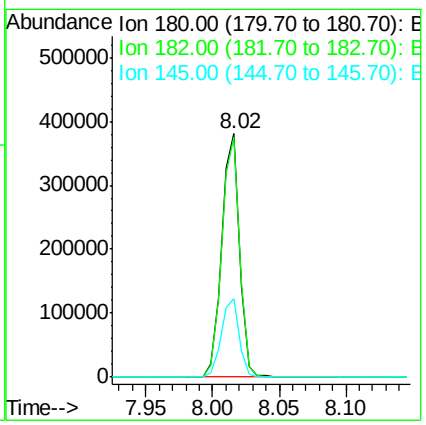


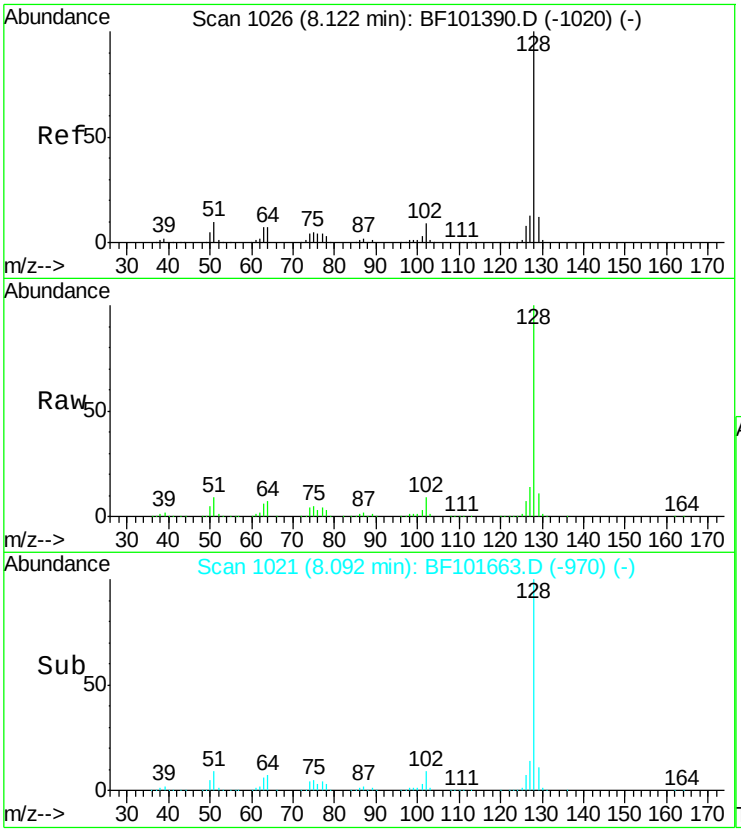


#30
1,2,4-Trichlorobenzene
Concen: 39.147 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:180 Resp: 359450

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	32.1	26.5	39.7



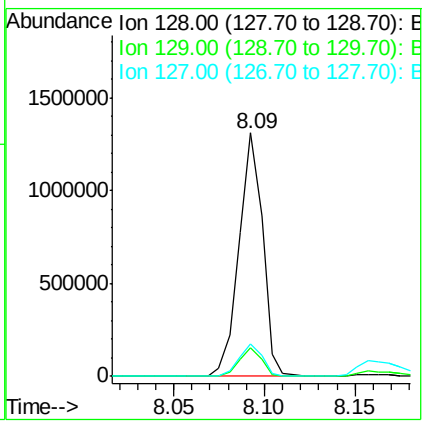


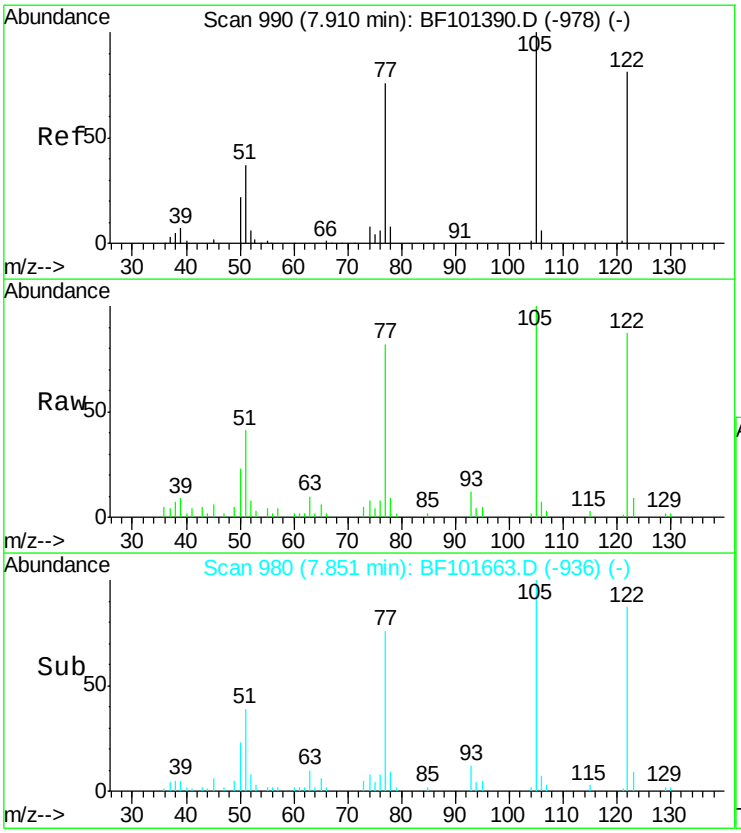
#31
Naphthalene
Concen: 38.843 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:128 Resp: 1186821

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

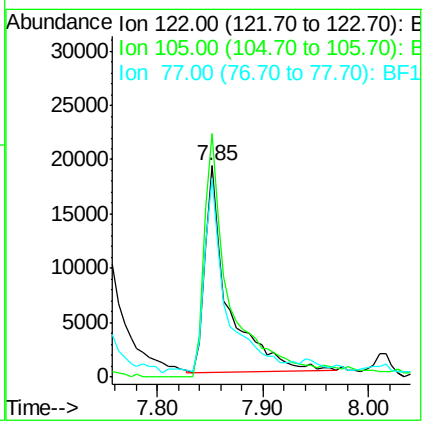


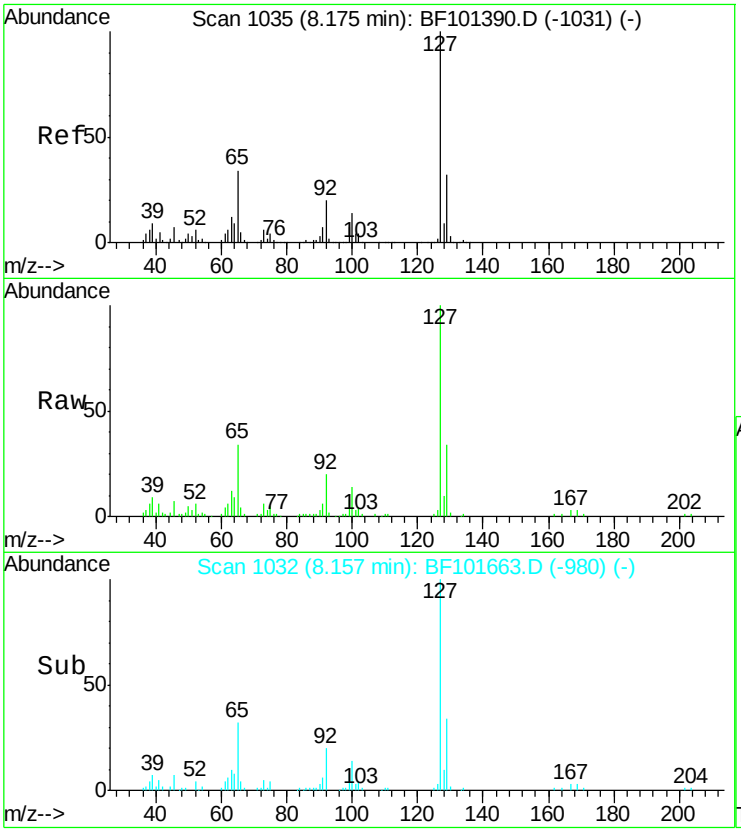


#32
Benzoic acid
Concen: 12.043 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:122 Resp: 29042

Ion	Ratio	Lower	Upper
122	100		
105	115.4	101.1	141.1
77	94.4	70.7	110.7



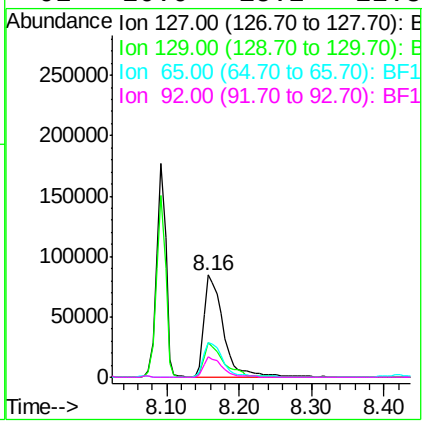


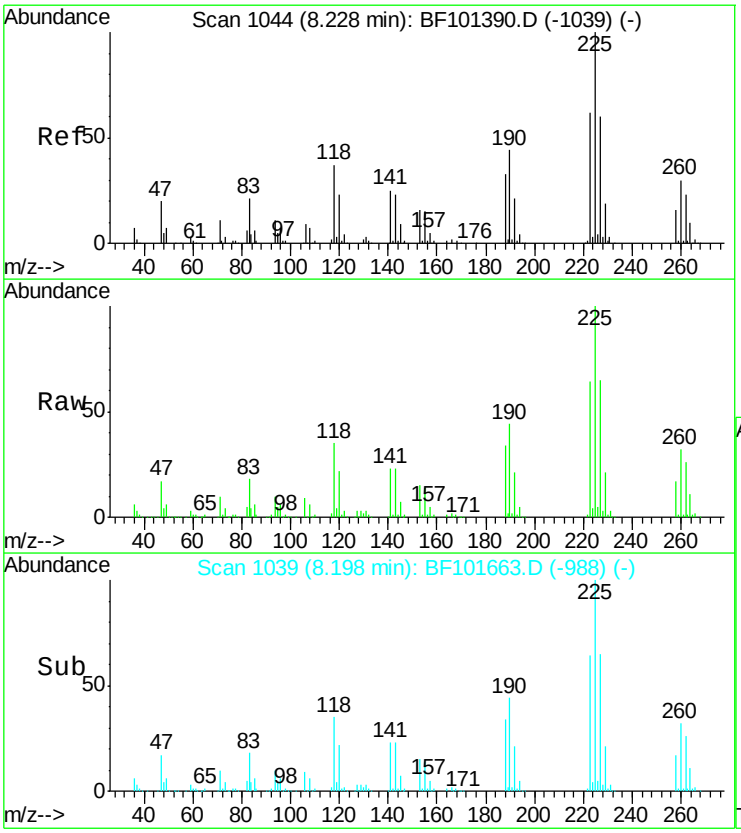
#33
4-Chloroaniline
Concen: 11.977 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:127 Resp: 159051

Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	33.7	25.0	37.4
92	20.0	15.2	22.8

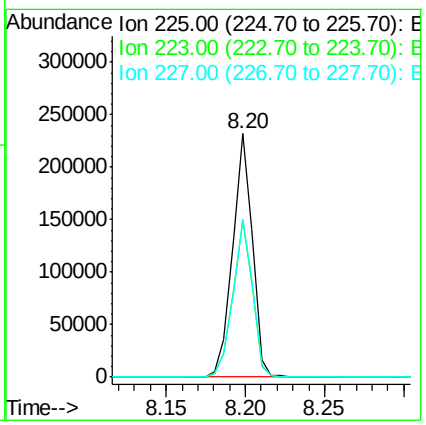


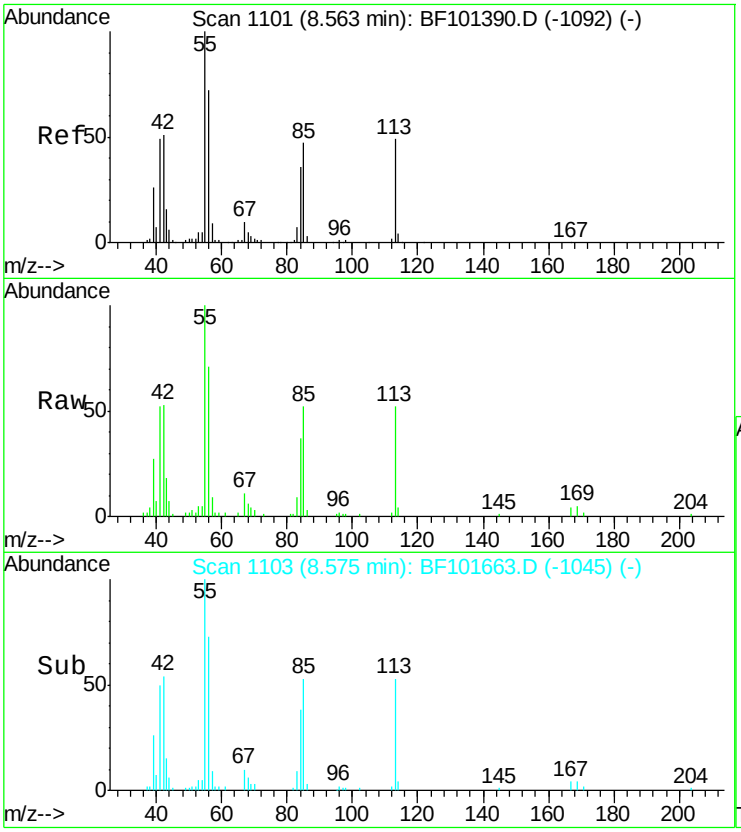


#34
Hexachlorobutadiene
Concen: 37.788 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:225 Resp: 200681

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.8	51.9	77.9



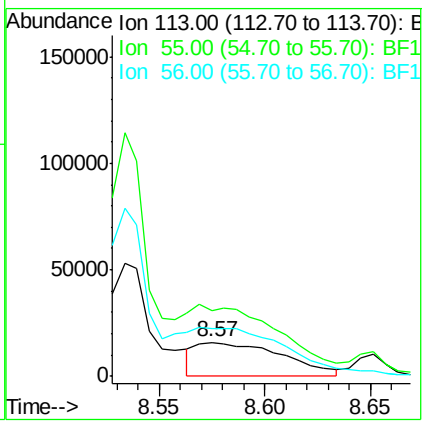


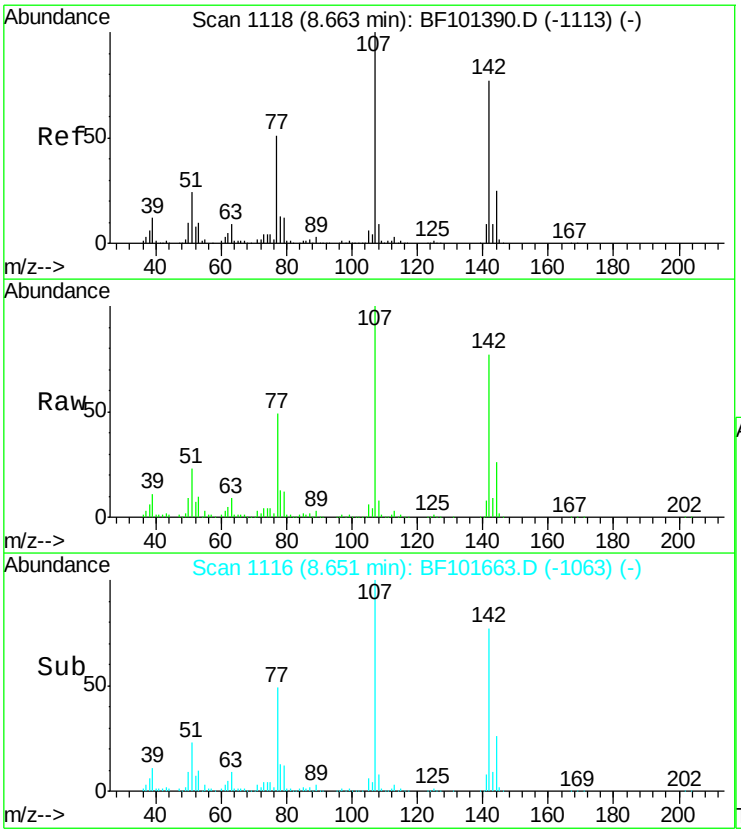
#35
Caprolactam
Concen: 14.873 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.04 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:113 Resp: 44935

Ion	Ratio	Lower	Upper
113	100		
55	193.5	163.3	203.3
56	138.2	115.7	155.7

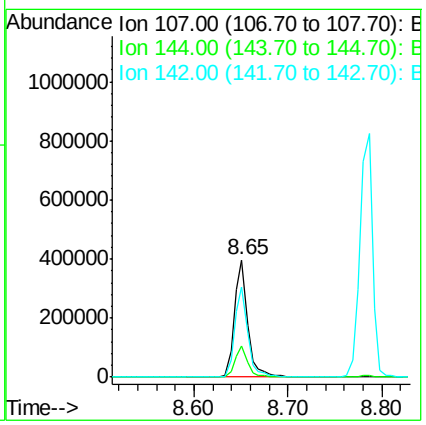


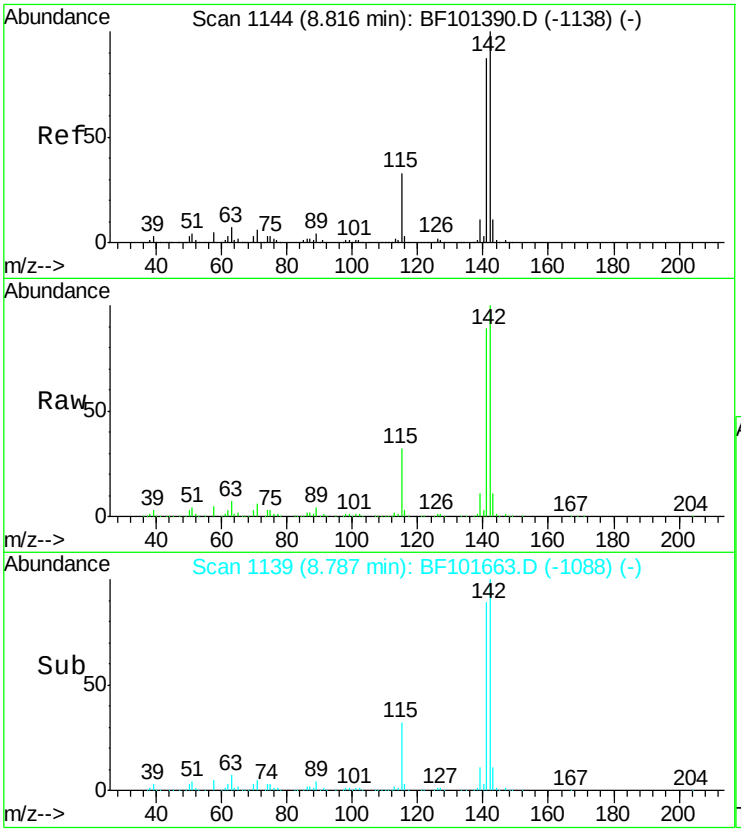


#36
4-Chloro-3-methylphenol
Concen: 40.503 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:107 Resp: 387337

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	77.2	62.0	93.0



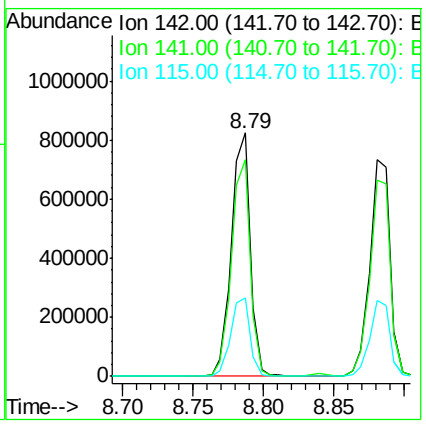


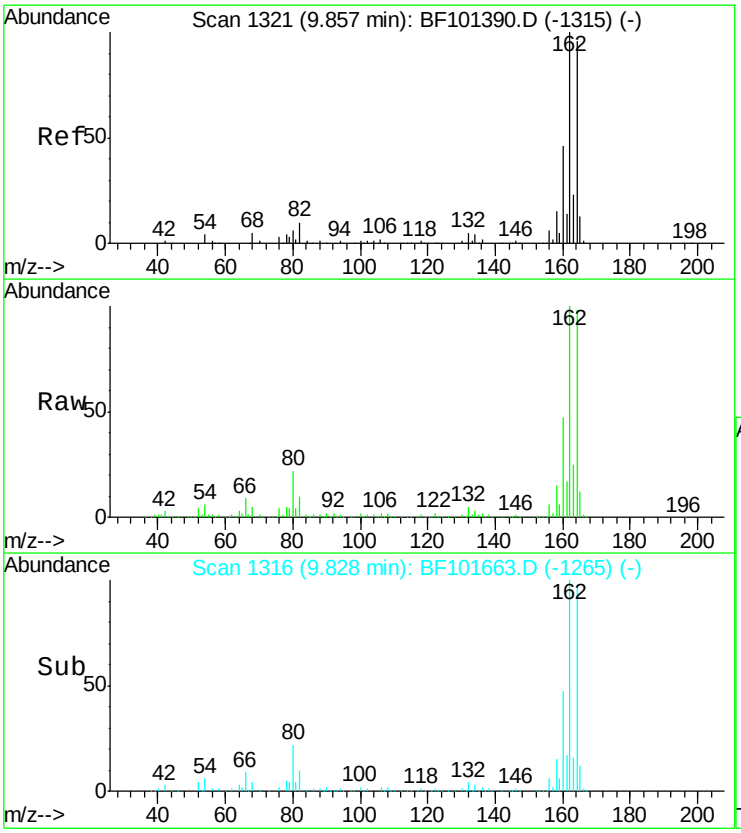
#37
2-Methylnaphthalene
Concen: 38.670 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:142 Resp: 769797

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.0	26.1	39.1

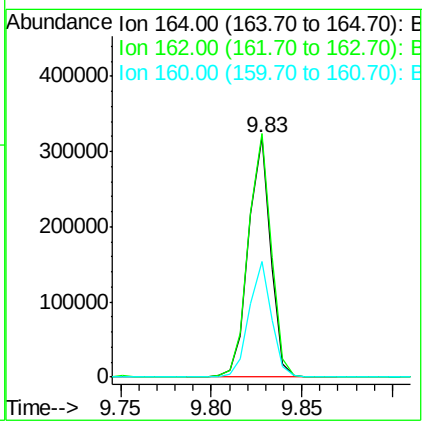


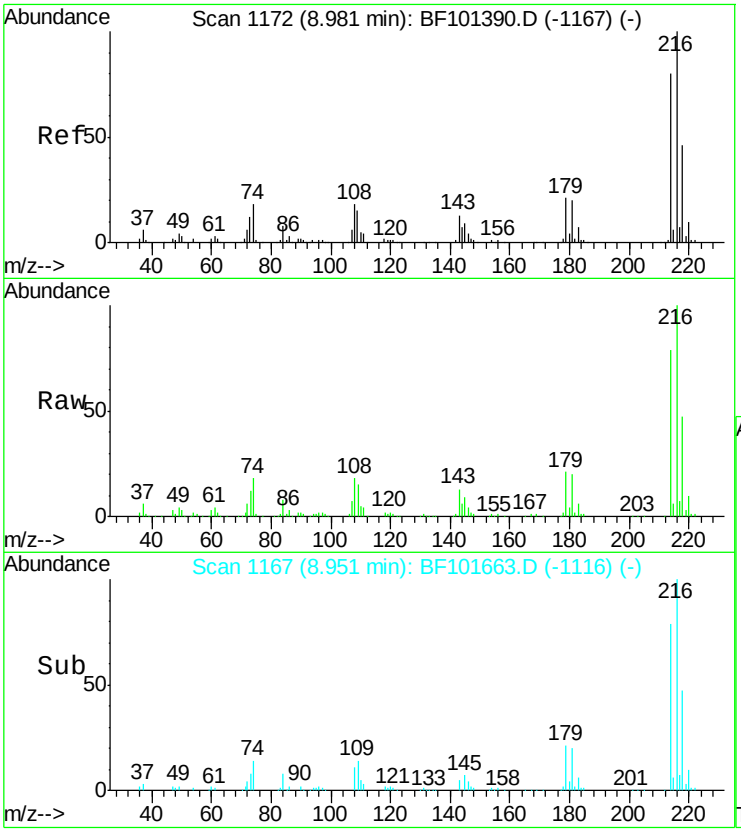


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:164 Resp: 269994

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	48.1	38.3	57.5



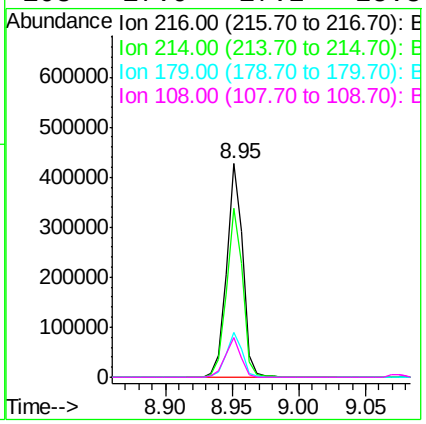


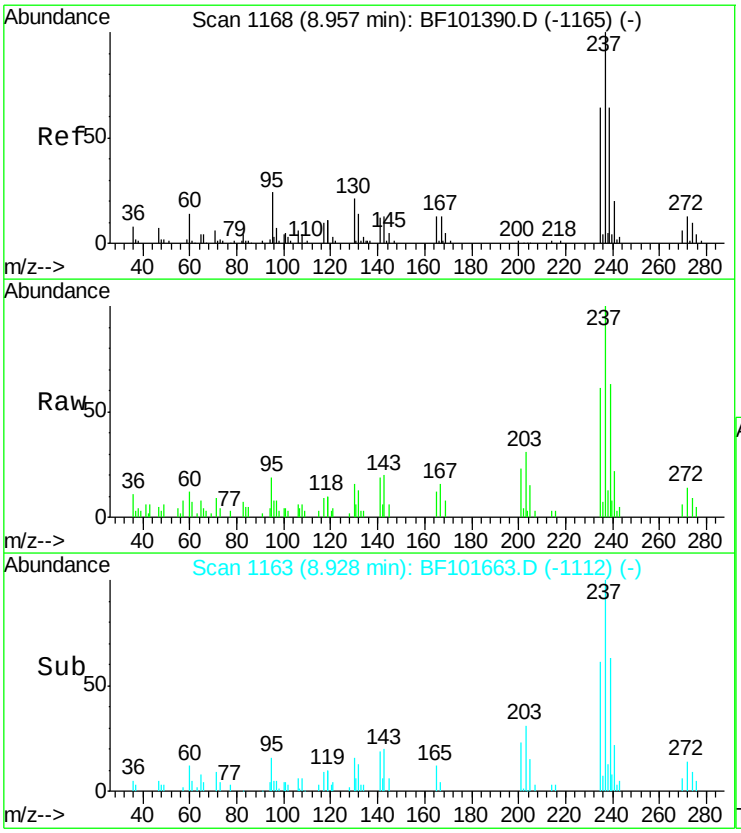
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.007 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:216 Resp: 364691

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.7	18.1	27.1
108	17.9	17.2	25.8

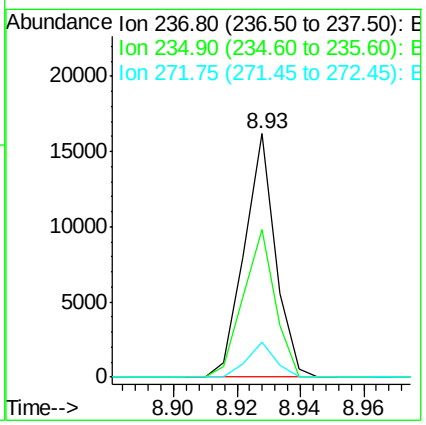


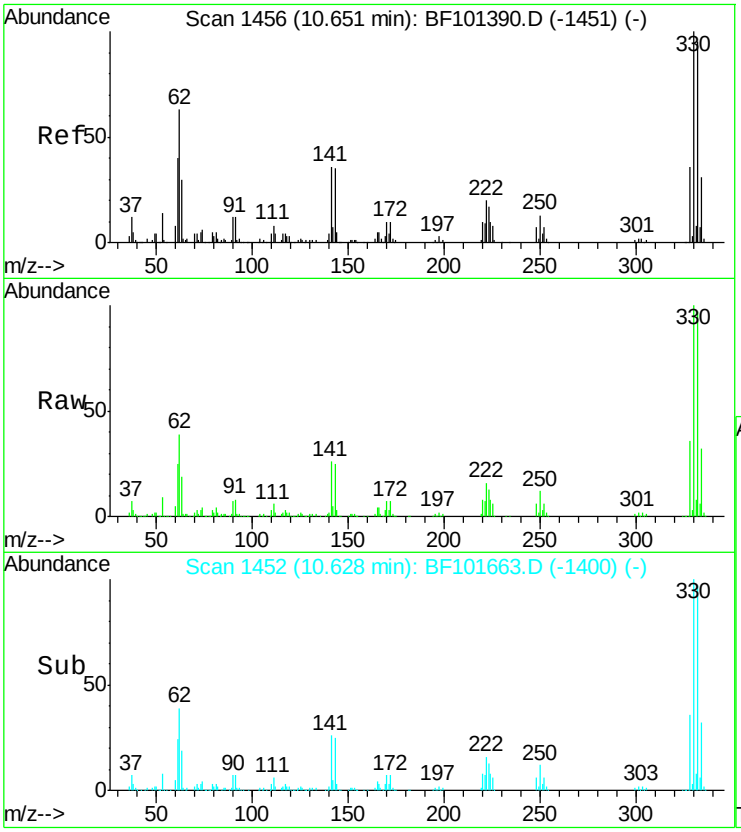


#40
Hexachlorocyclopentadiene
Concen: 19.156 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:237 Resp: 11011

Ion	Ratio	Lower	Upper
237	100		
235	60.6	44.8	84.8
272	14.2	0.0	33.3



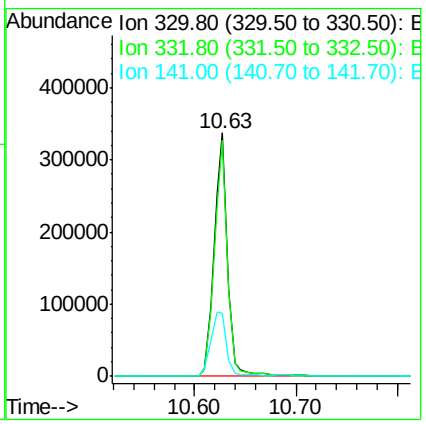


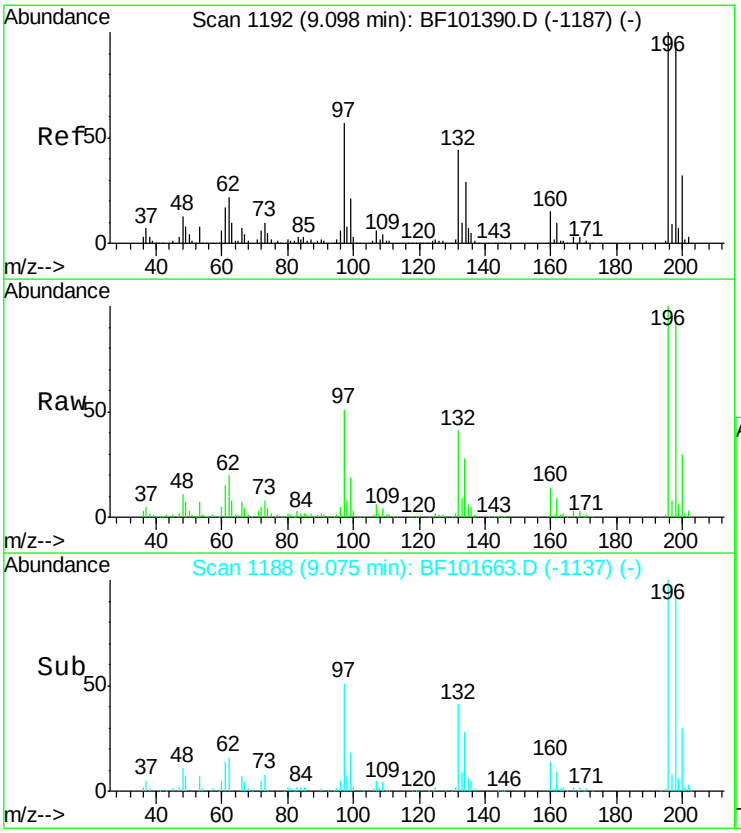
#41
2,4,6-Tribromophenol
Concen: 119.886 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:330 Resp: 311897

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.8	29.9	44.9

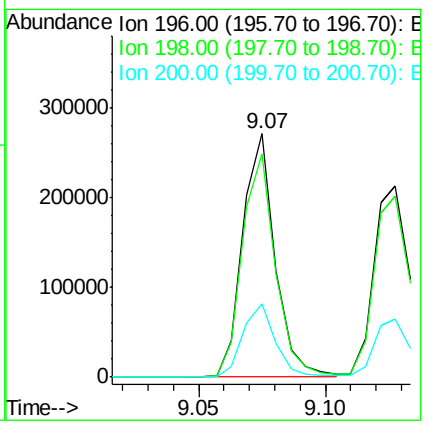


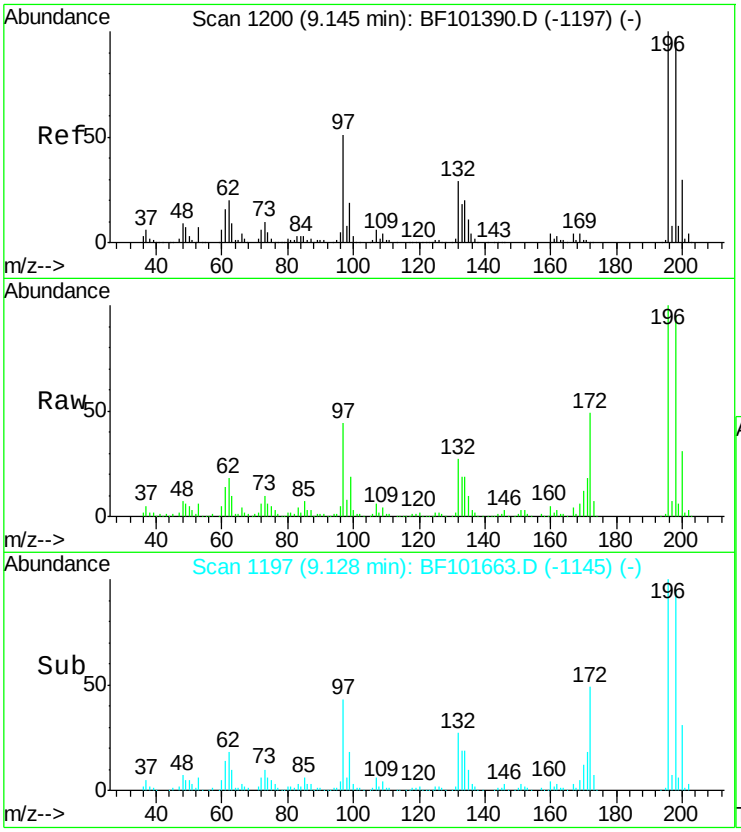


#42
2,4,6-Trichlorophenol
Concen: 43.996 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:196 Resp: 241448

Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.7	113.5
200	30.4	24.5	36.7



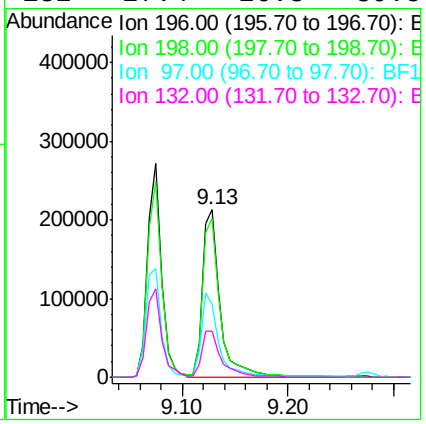


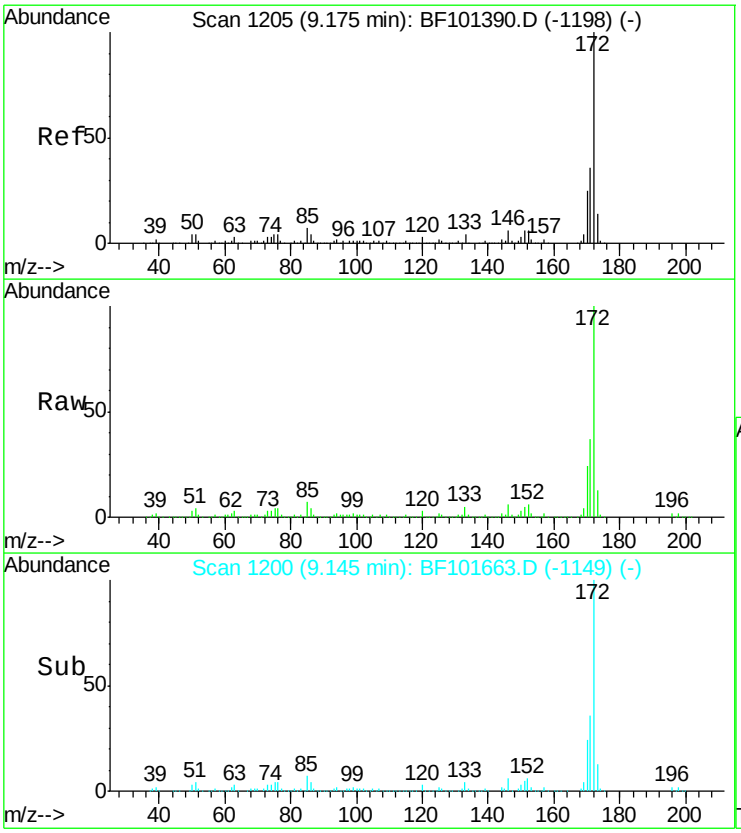
#43
2,4,5-Trichlorophenol
Concen: 40.654 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:196 Resp: 244288

Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	43.7	42.9	64.3
132	27.4	26.3	39.5

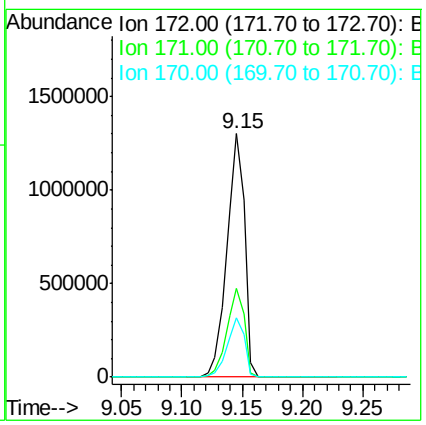


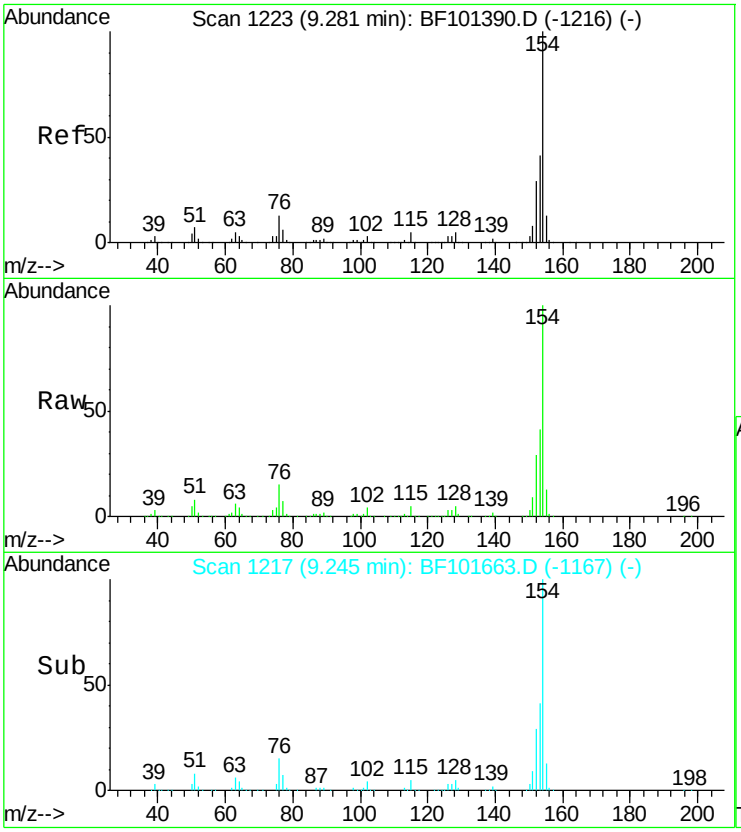


#44
2-Fluorobiphenyl
Concen: 75.886 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:172 Resp: 1320792

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4



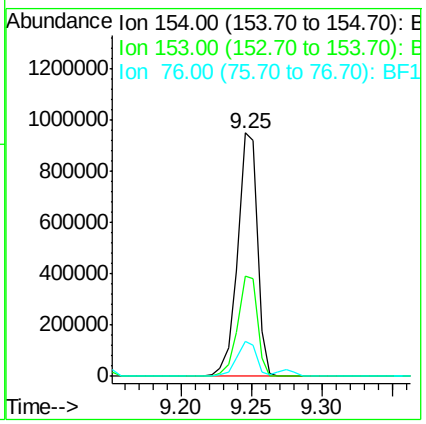


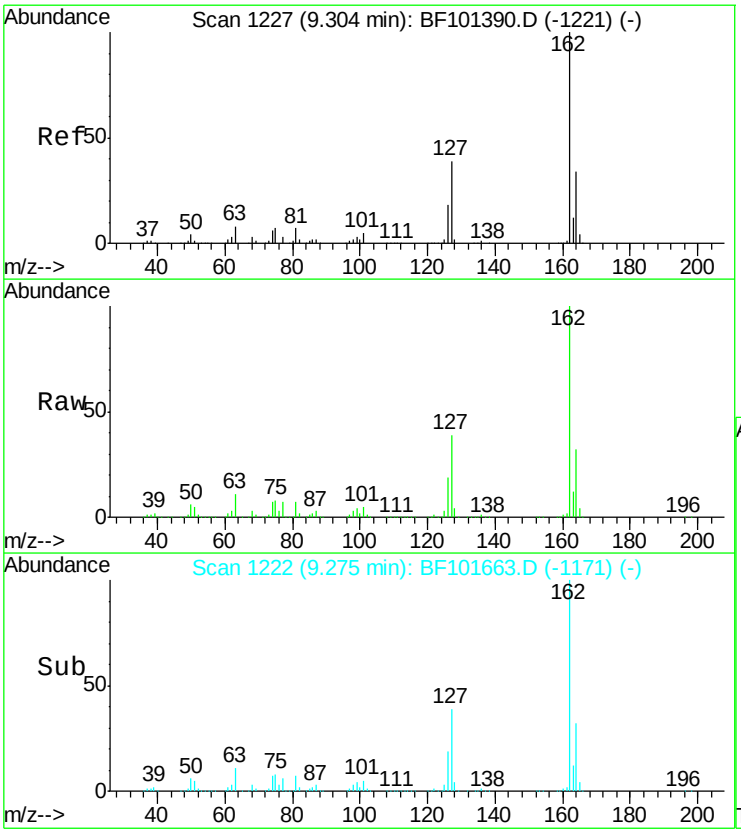
#45
1,1'-Biphenyl
Concen: 38.713 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:154 Resp: 926972

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.6	0.0	34.0

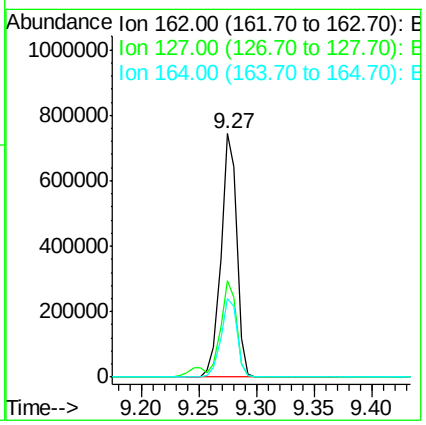


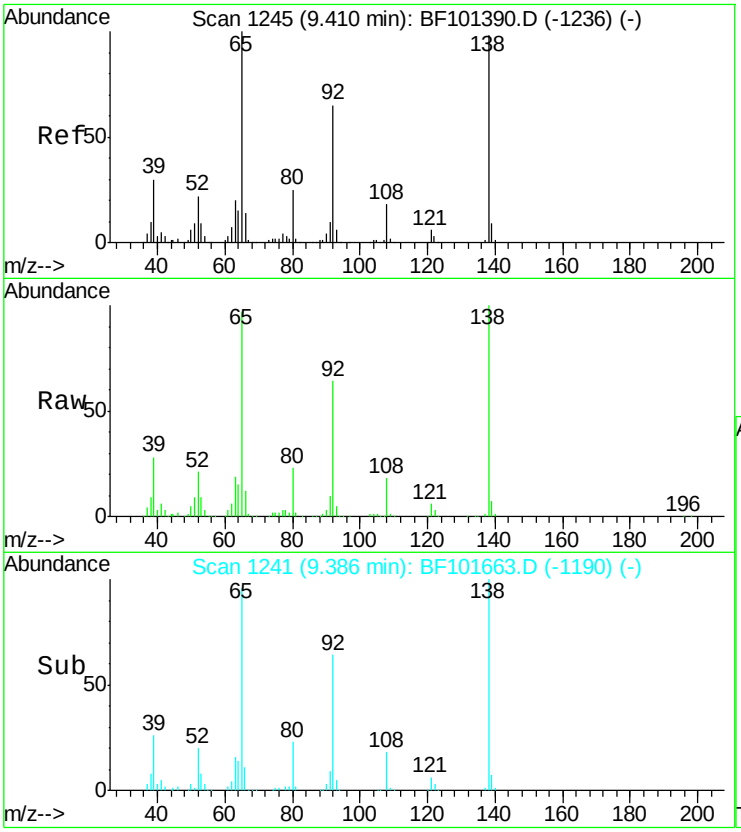


#46
2-Chloronaphthalene
Concen: 38.539 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:162 Resp: 706085

Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	32.4	26.5	39.7



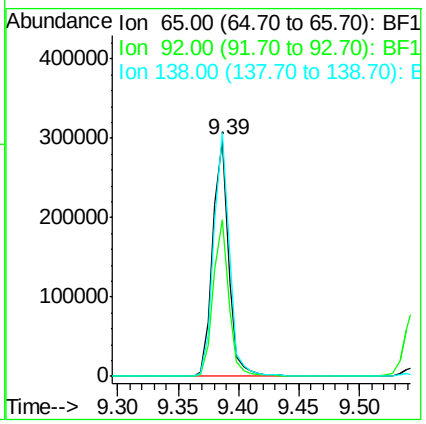


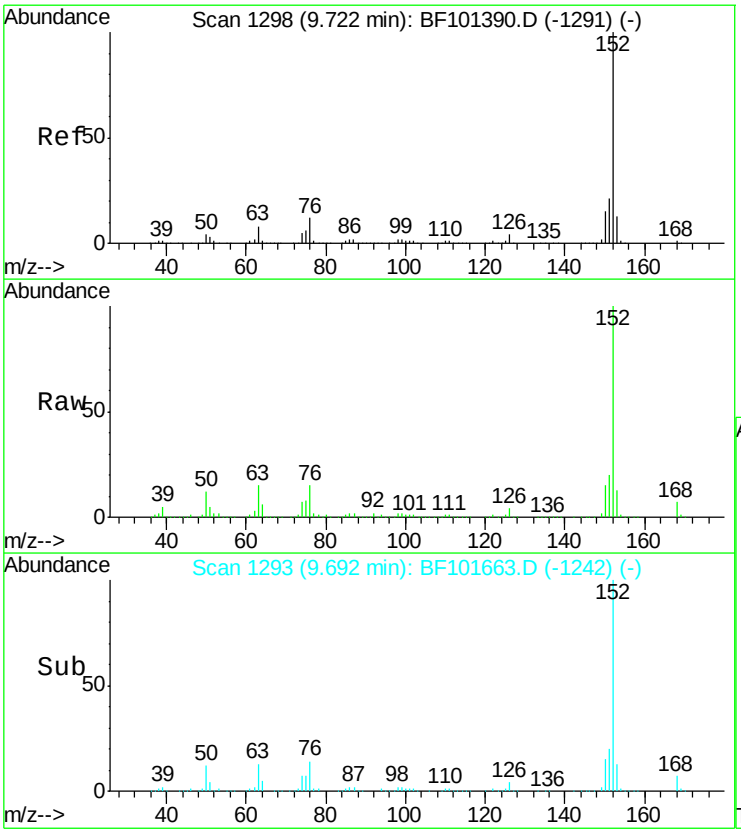
#47
2-Nitroaniline
Concen: 42.574 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion: 65 Resp: 269457

Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.8	83.6
138	103.1	91.2	136.8

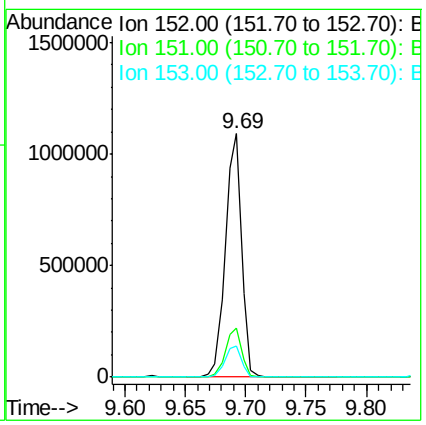


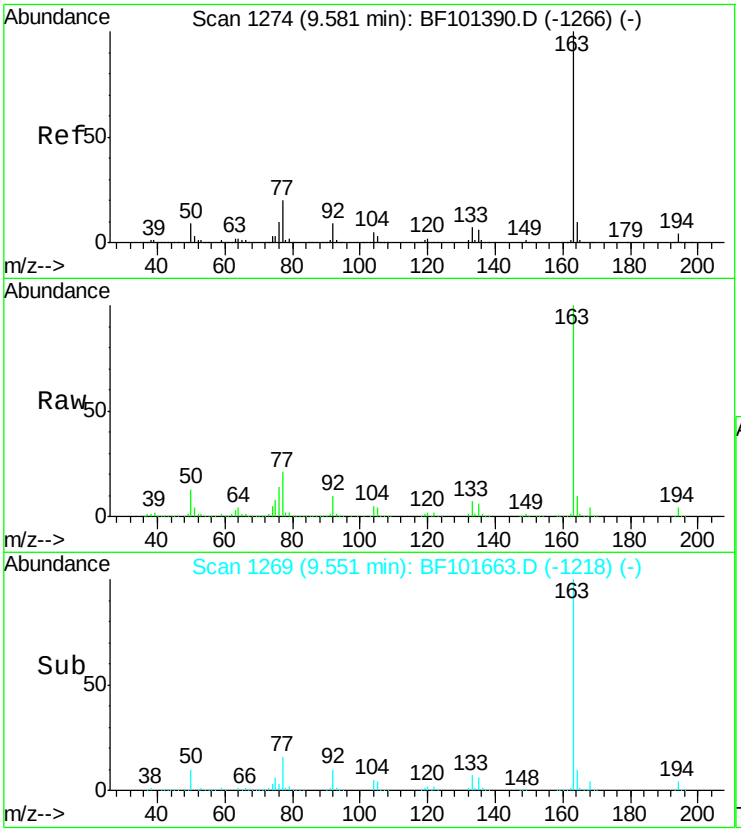


#48
Acenaphthylene
Concen: 35.050 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:152 Resp: 1014276

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.8	10.7	16.1



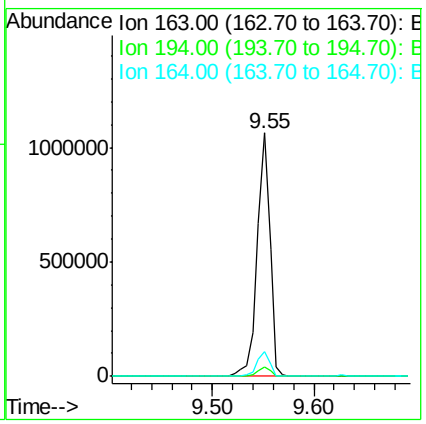


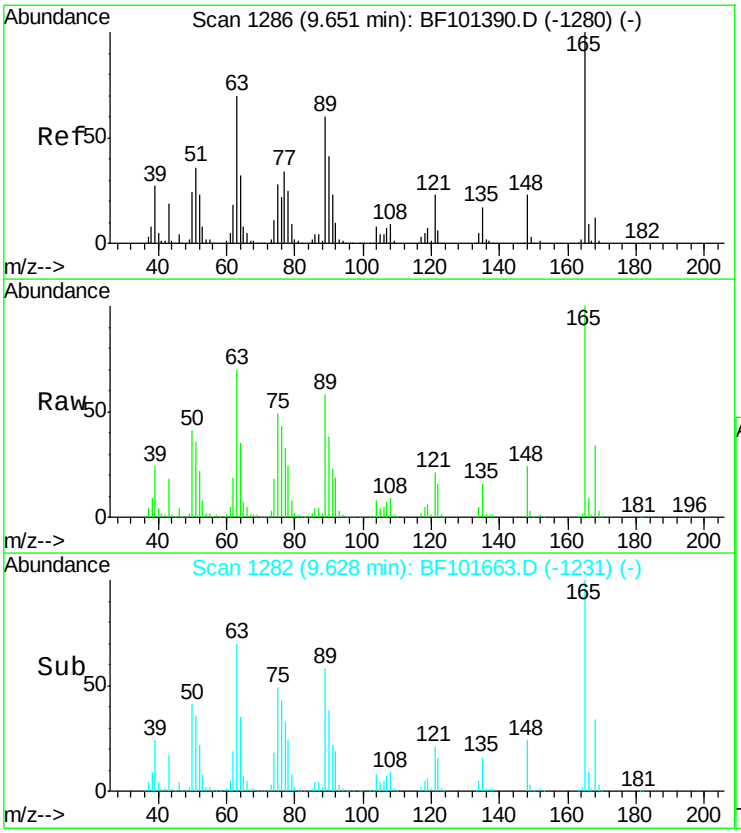
#49
Dimethylphthalate
Concen: 42.683 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:163 Resp: 926963

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2

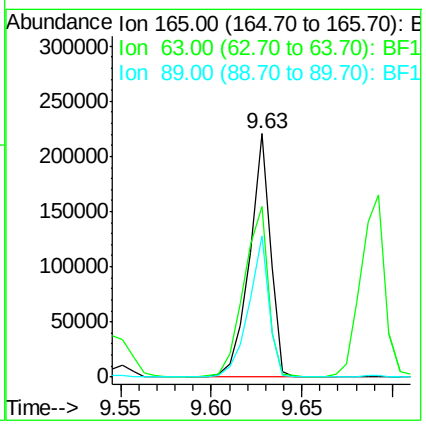


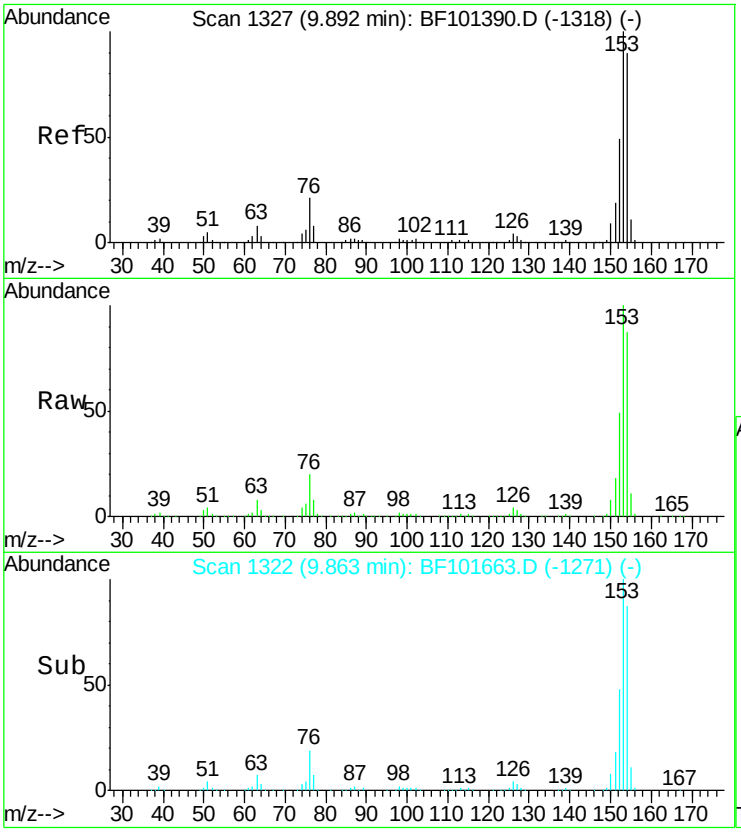


#50
2,6-Dinitrotoluene
Concen: 39.979 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:165 Resp: 176465

Ion	Ratio	Lower	Upper
165	100		
63	70.2	44.7	67.1#
89	58.1	44.0	66.0



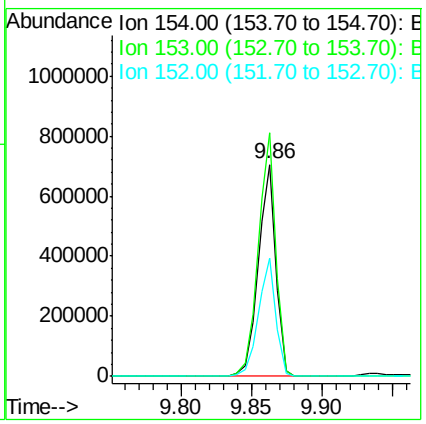


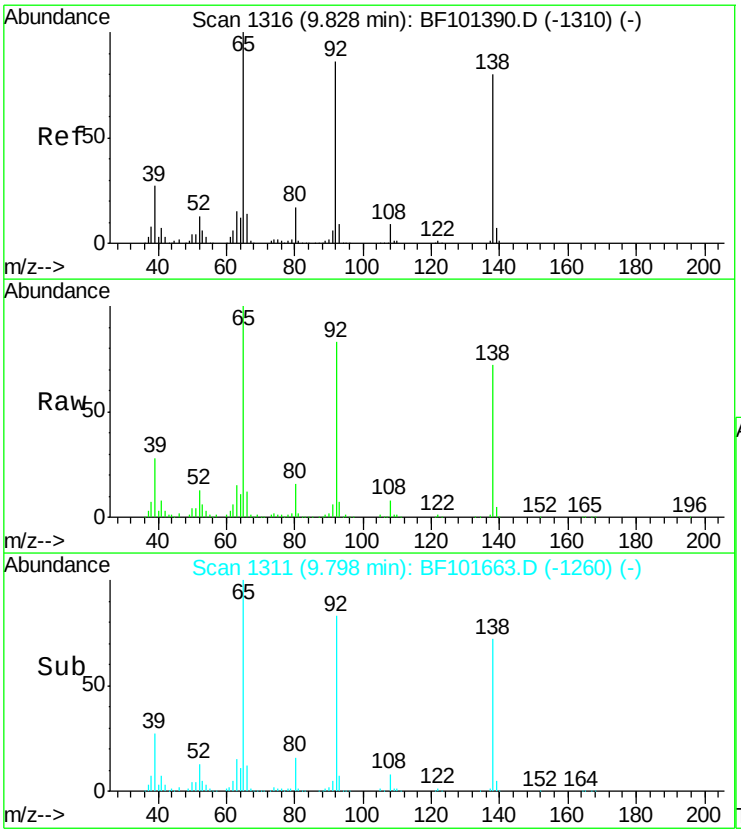
#51
Acenaphthene
Concen: 35.821 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:154 Resp: 622775

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.7	43.8	65.8

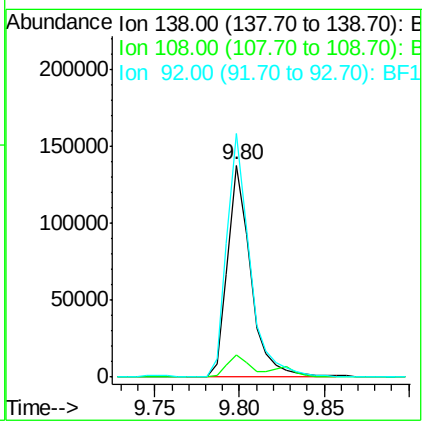


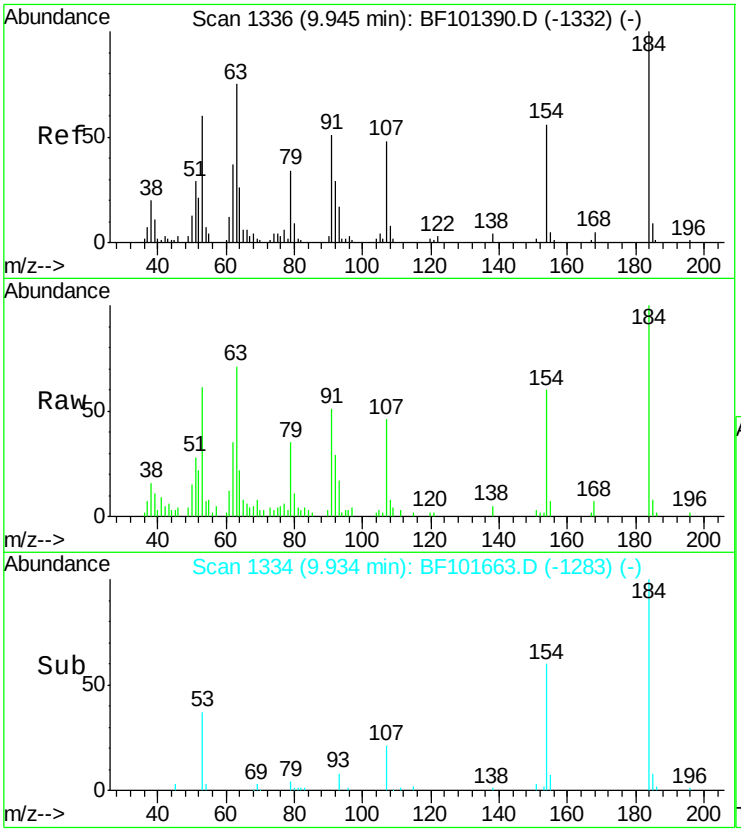


#52
3-Nitroaniline
Concen: 24.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:138 Resp: 132072

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	114.8	89.4	134.2



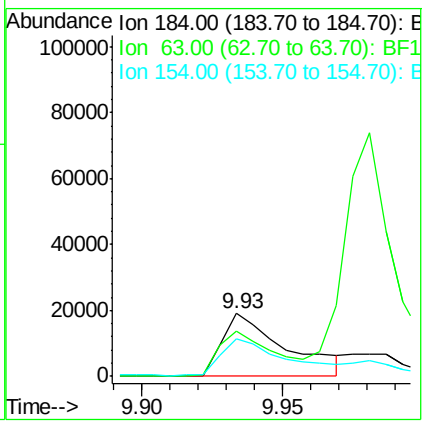


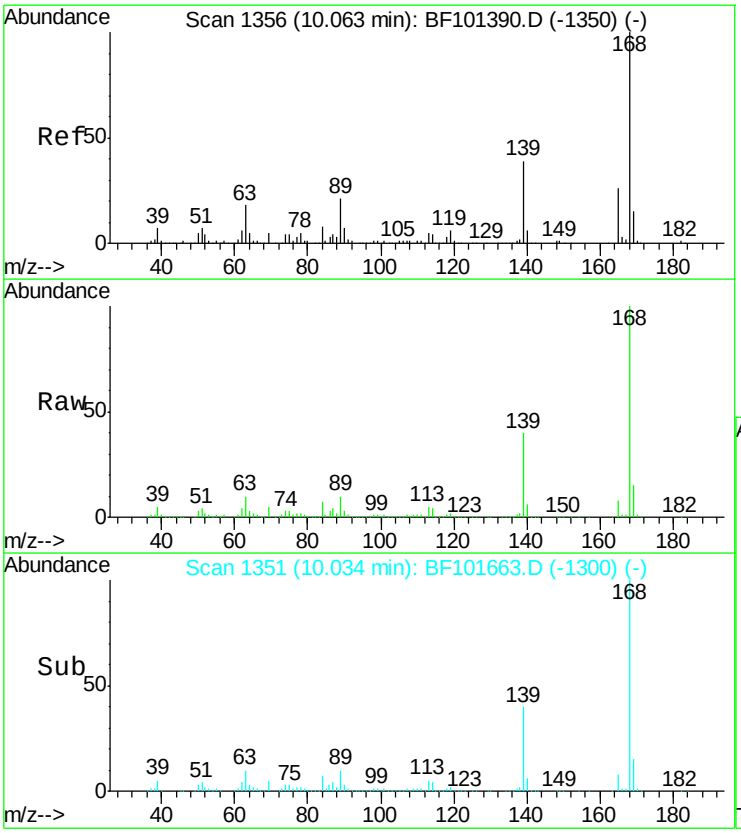
#53
2,4-Dinitrophenol
Concen: 26.952 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:184 Resp: 29355

Ion	Ratio	Lower	Upper
184	100		
63	70.9	54.2	81.2
154	59.9	184.0	276.0#

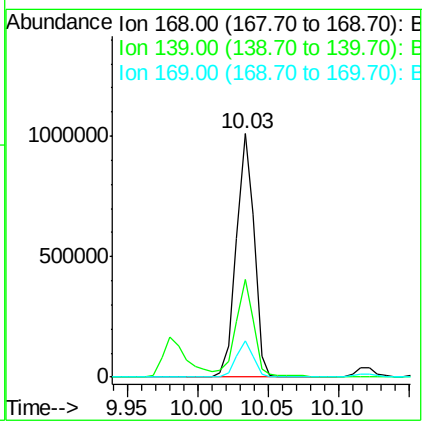


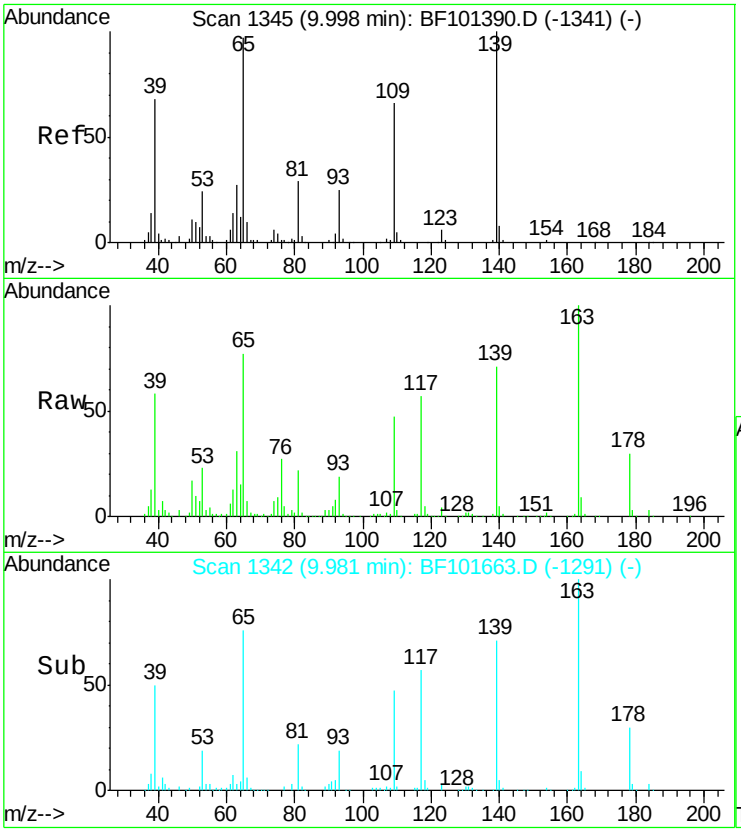


#54
Dibenzofuran
Concen: 40.067 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:168 Resp: 885263

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	14.7	10.9	16.3



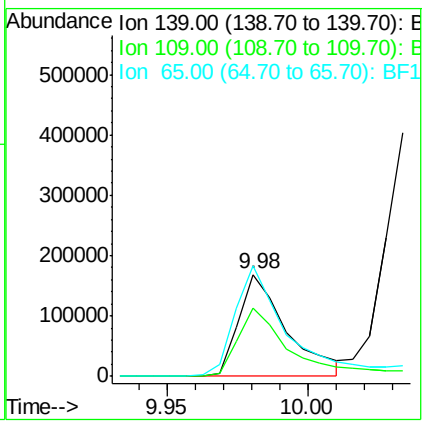


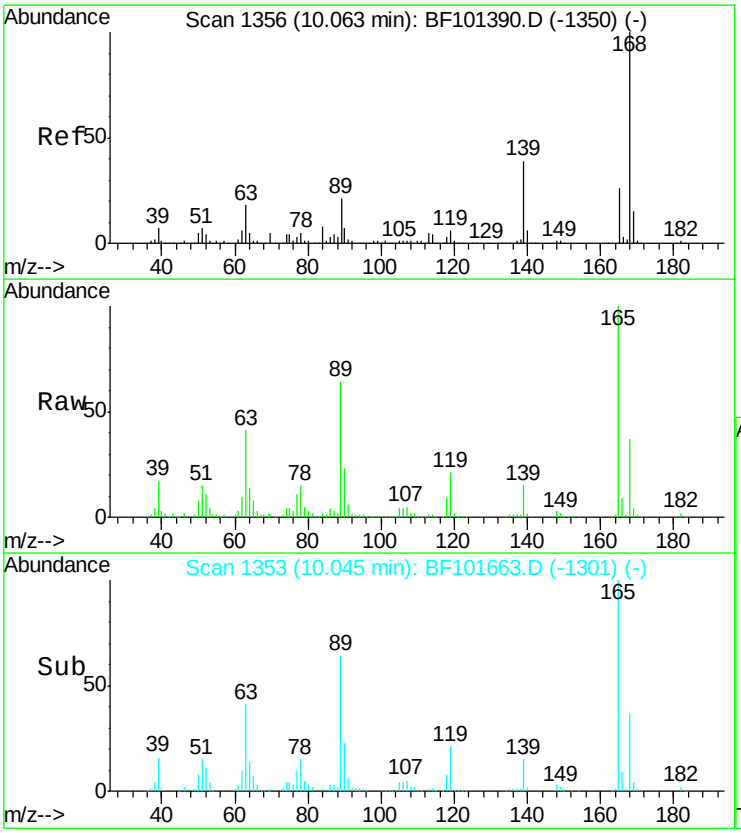
#55
4-Nitrophenol
Concen: 83.060 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:139 Resp: 199307

Ion	Ratio	Lower	Upper
139	100		
109	66.5	48.4	88.4
65	108.4	72.6	112.6

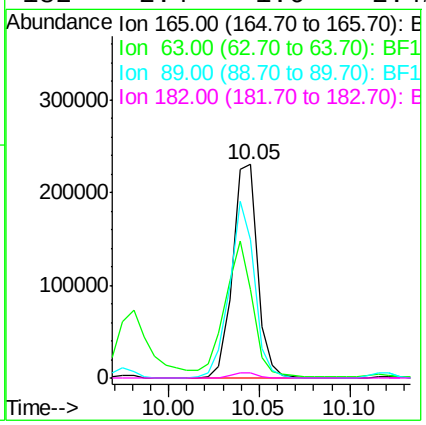


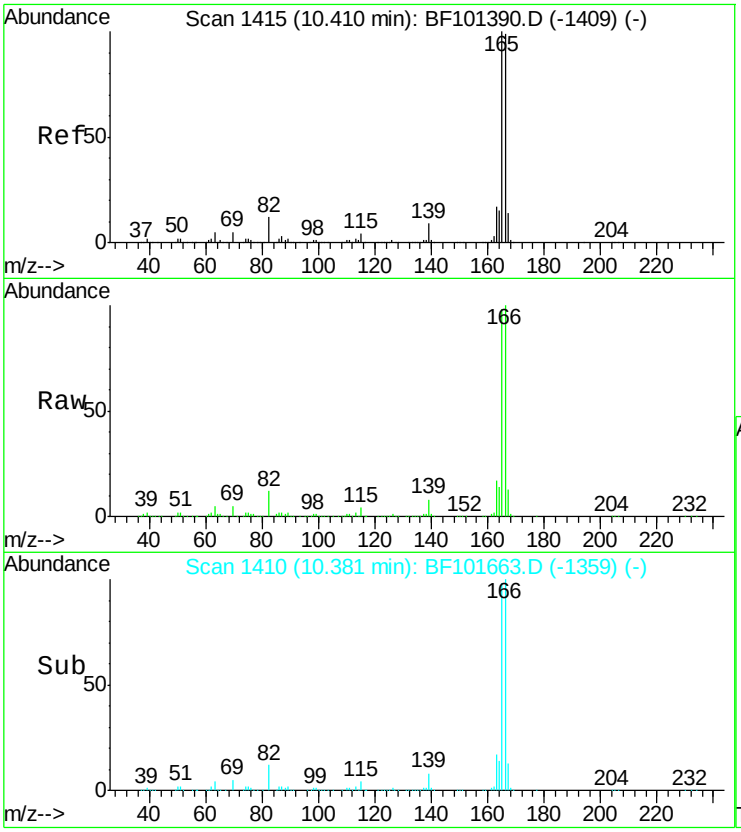


#56
2,4-Dinitrotoluene
Concen: 44.437 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:165 Resp: 220984

Ion	Ratio	Lower	Upper
165	100		
63	41.3	36.4	54.6
89	64.5	57.8	86.6
182	2.4	1.6	2.4#



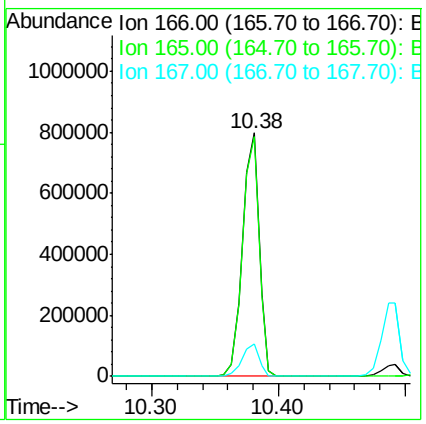


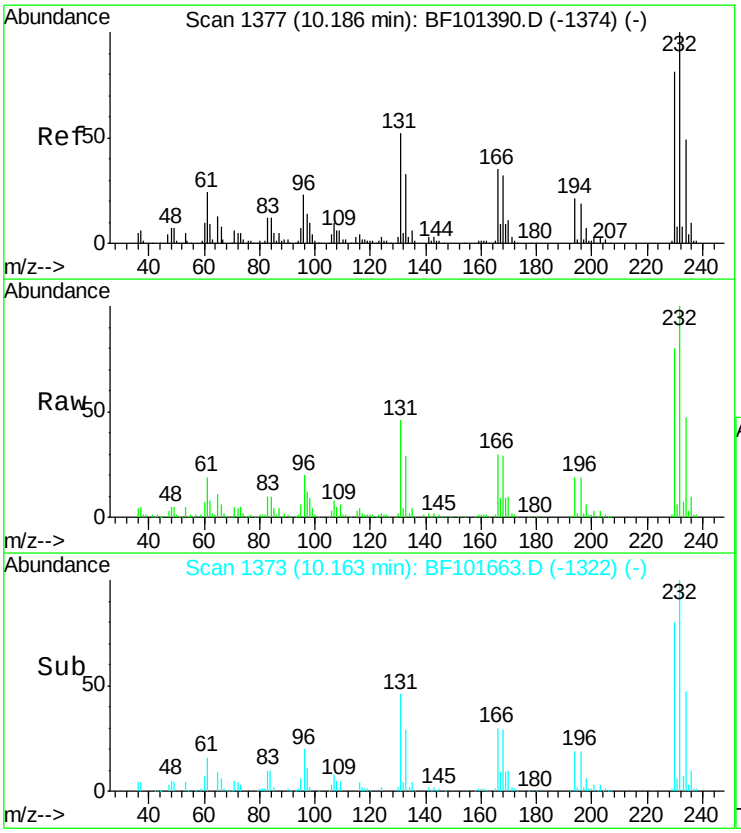
#57
Fluorene
Concen: 38.591 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:166 Resp: 721296

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.4	10.6	16.0

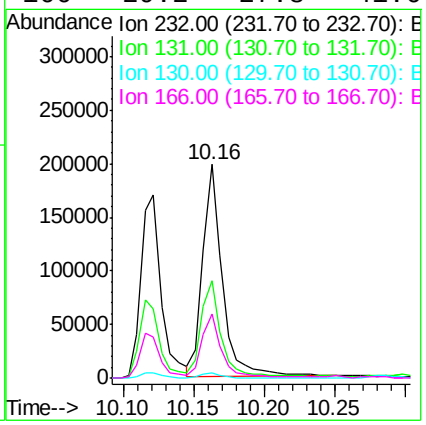


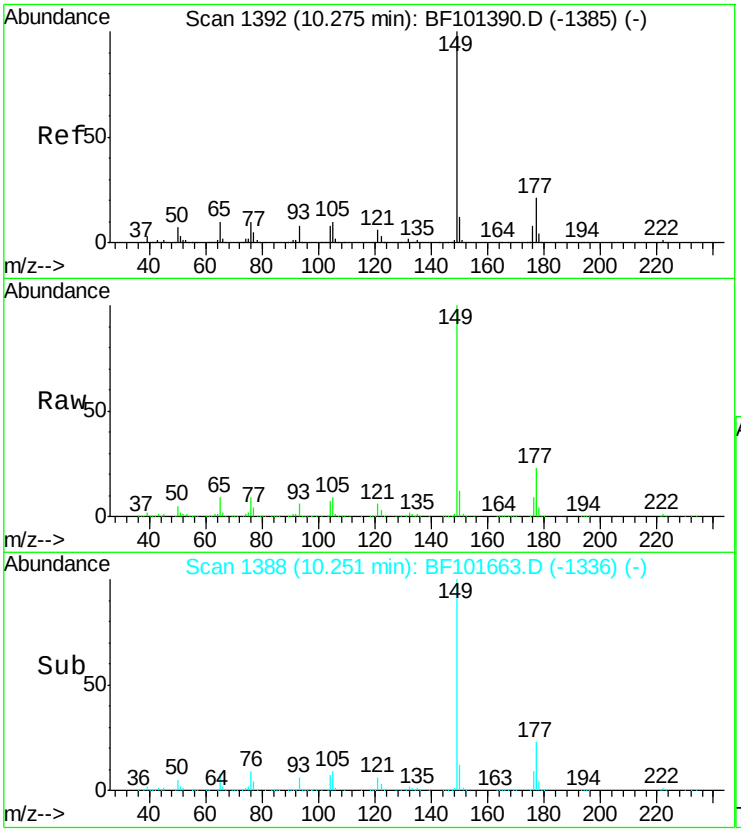


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.869 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:232 Resp: 193705

Ion	Ratio	Lower	Upper
232	100		
131	45.5	43.8	65.8
130	2.7	2.1	3.1
166	29.2	27.8	41.6



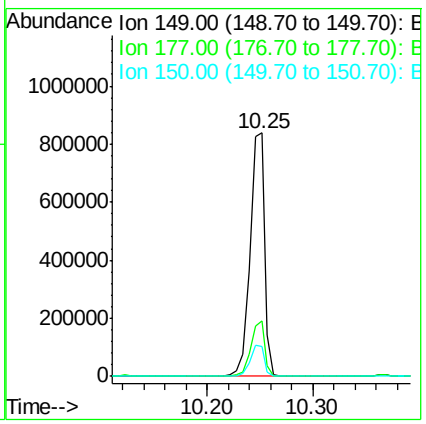


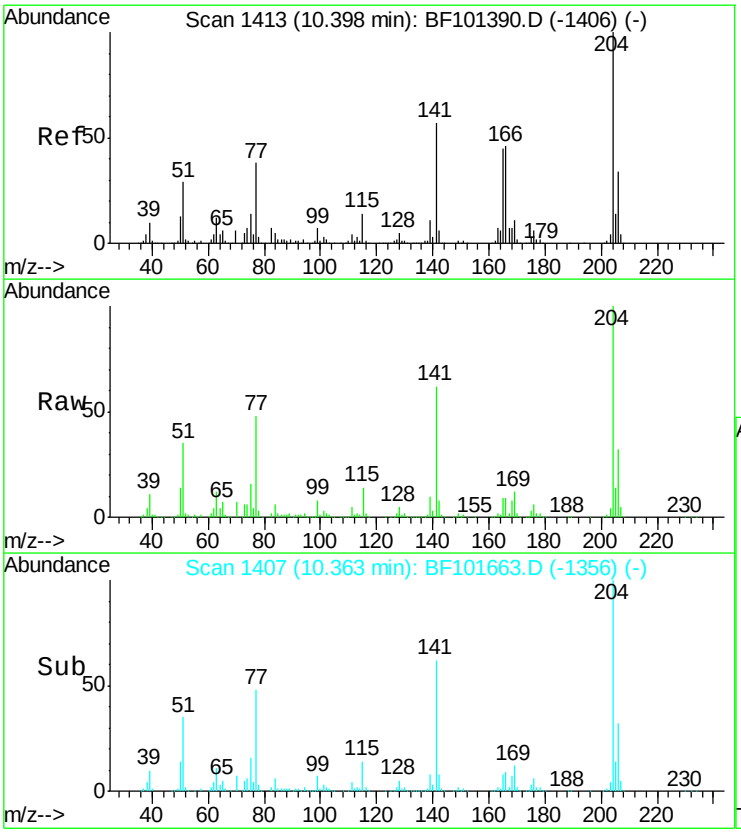
#59
Diethylphthalate
Concen: 37.563 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:149 Resp: 807834

Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.2	10.1	15.1

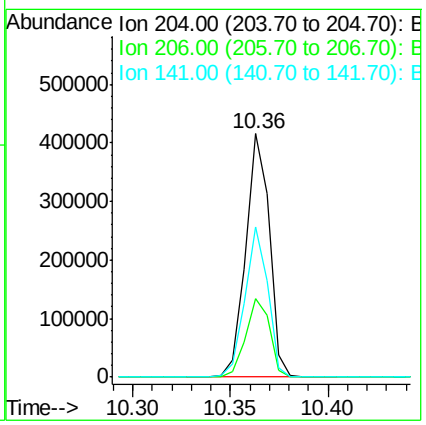


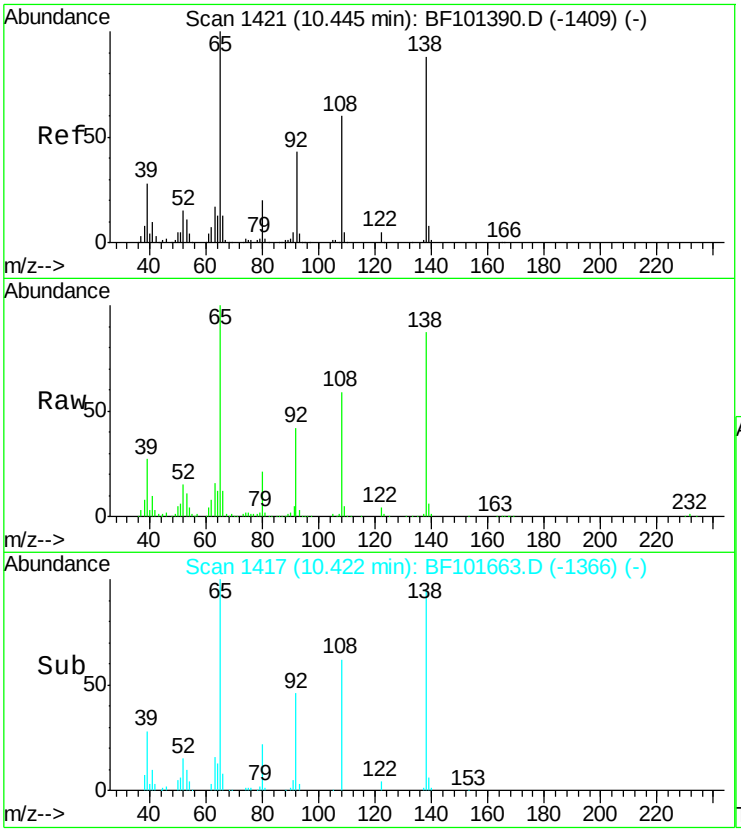


#60
4-Chlorophenyl-phenylether
Concen: 38.953 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:204 Resp: 348935

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	61.8	54.6	81.8



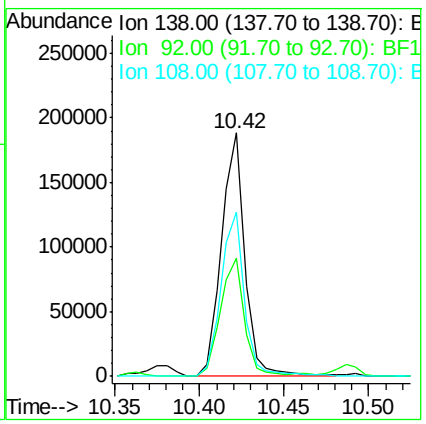


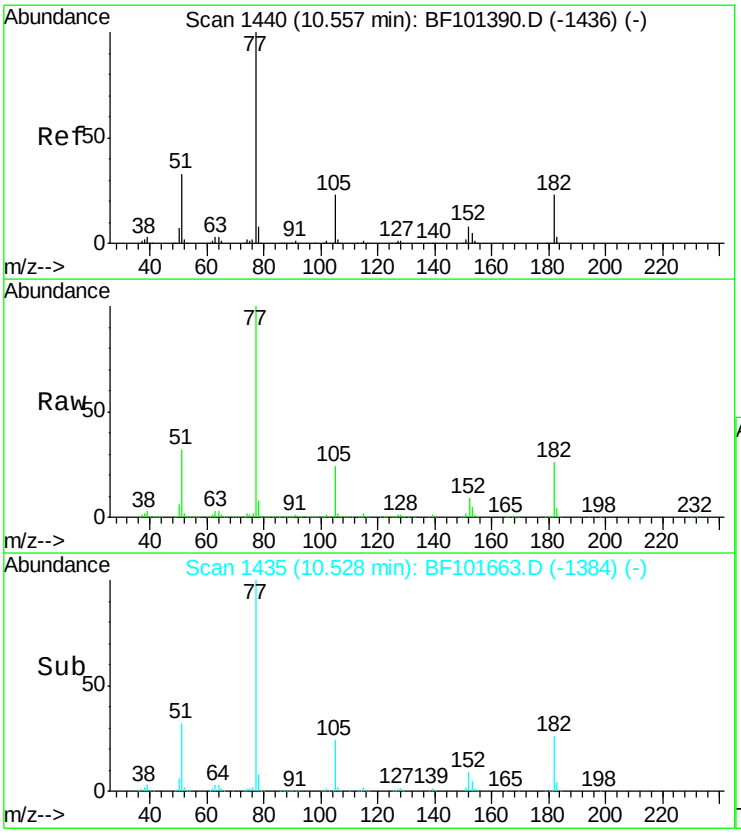
#61
4-Nitroaniline
Concen: 32.510 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:138 Resp: 179824

Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.2	70.2
108	67.6	52.5	92.5

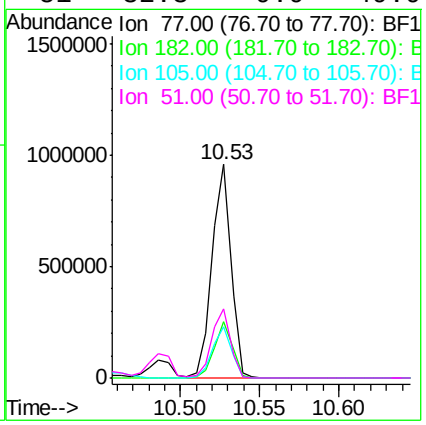


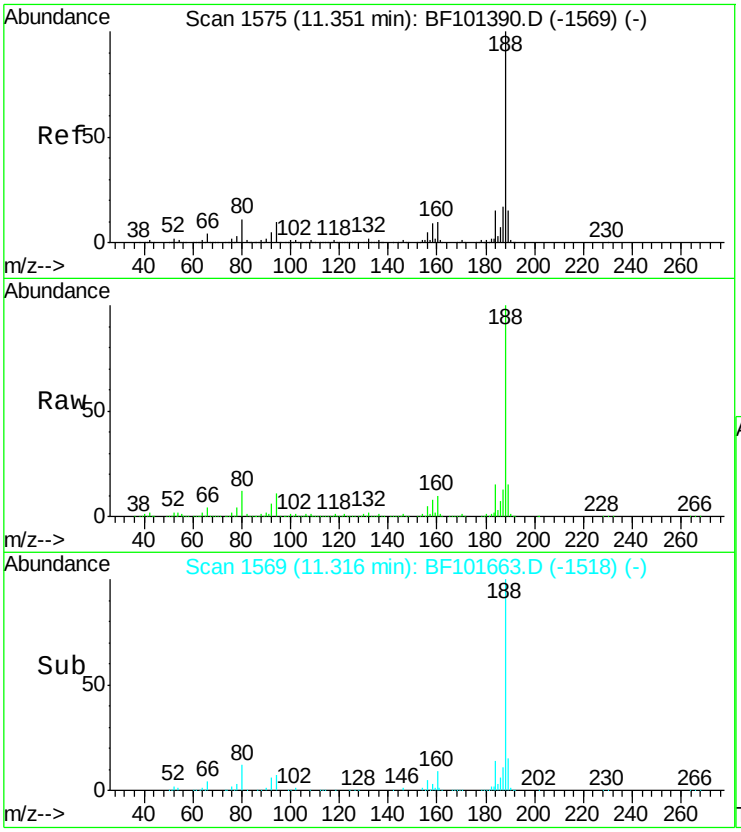


#62
Azobenzene
Concen: 35.948 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion: 77 Resp: 800881

Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	24.2	3.0	43.0
51	32.3	9.9	49.9



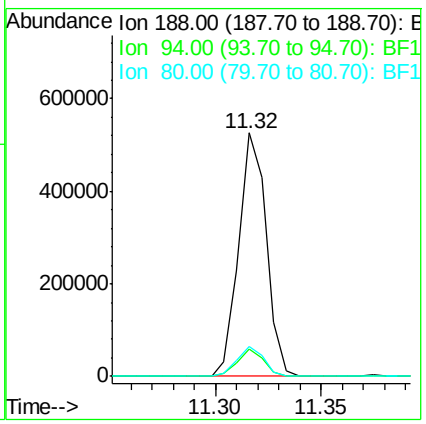


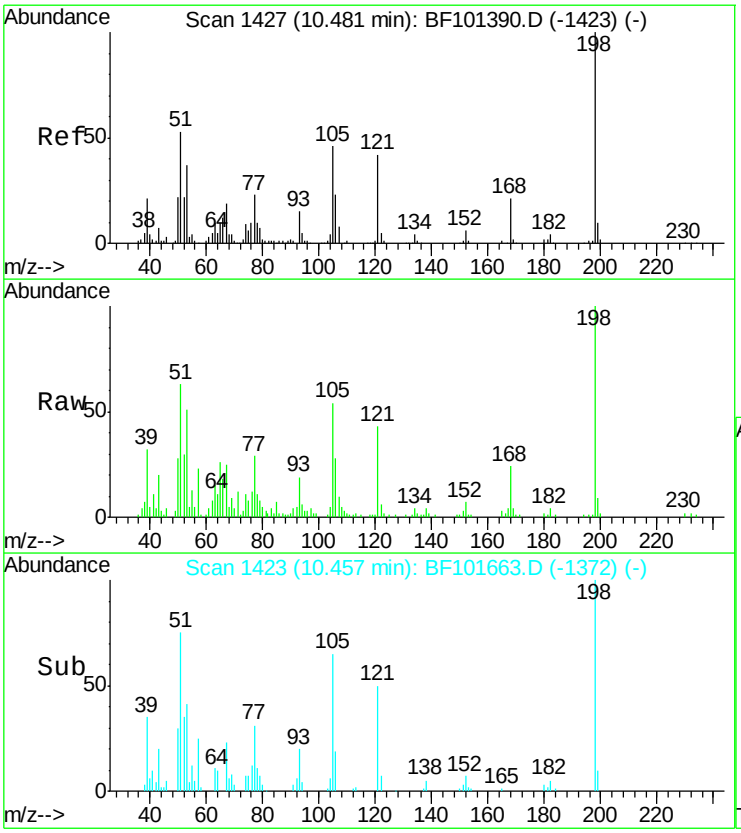
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:188 Resp: 476915

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.4	9.2	13.8

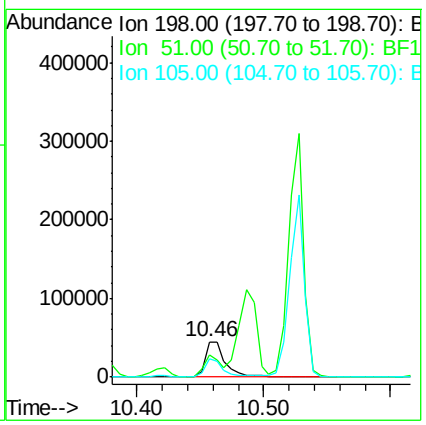


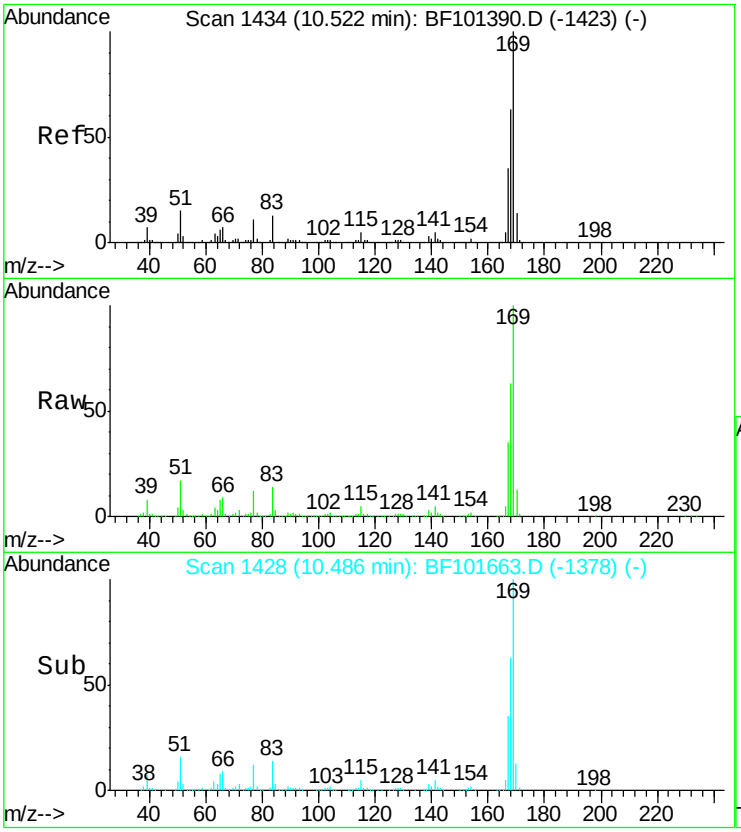


#64
4,6-Dinitro-2-methylphenol
Concen: 21.023 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:198 Resp: 51164

Ion	Ratio	Lower	Upper
198	100		
51	63.3	37.7	77.7
105	53.5	36.3	76.3



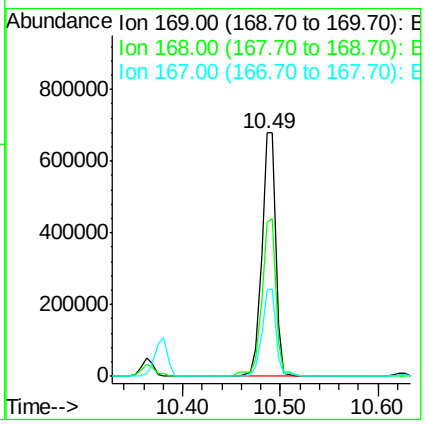


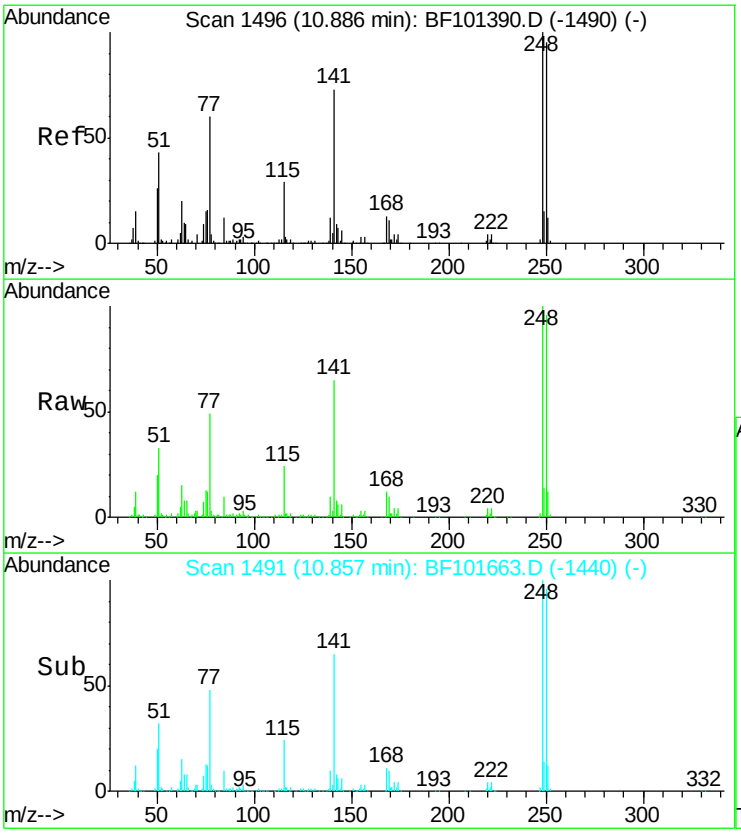
#65
n-Nitrosodiphenylamine
Concen: 39.068 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:169 Resp: 687989

Ion	Ratio	Lower	Upper
169	100		
168	63.0	54.4	81.6
167	35.2	29.8	44.6

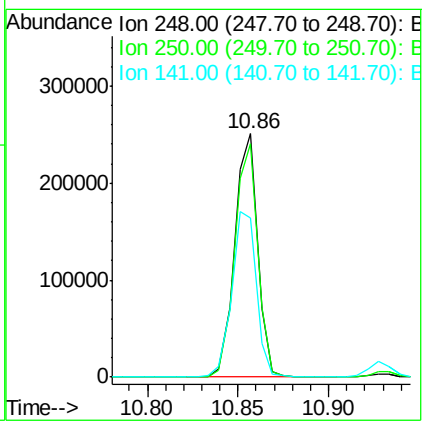


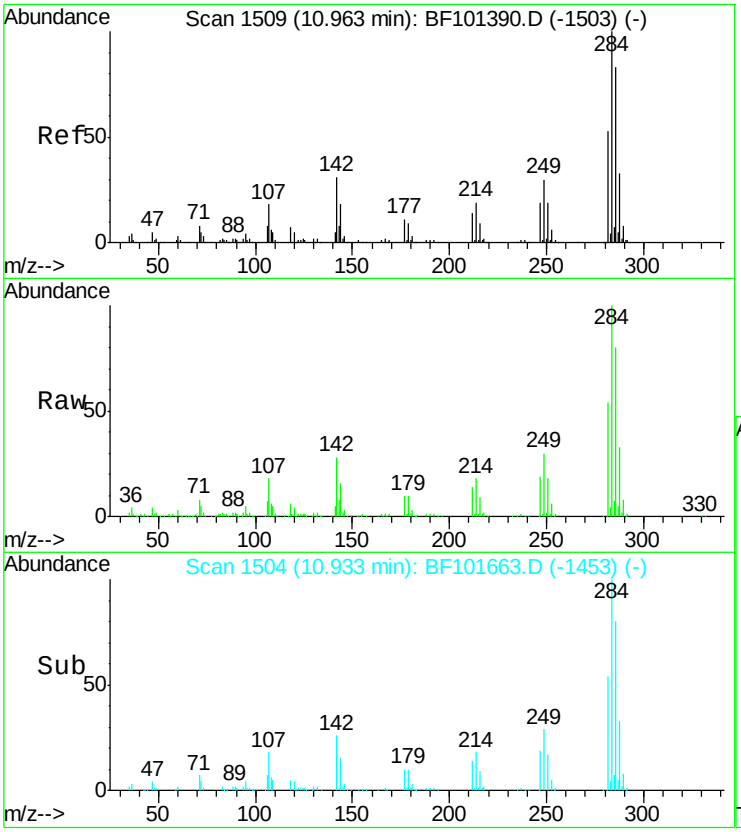


#66
4-Bromophenyl-phenylether
Concen: 41.183 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:248 Resp: 220690

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	65.2	74.4	111.6#



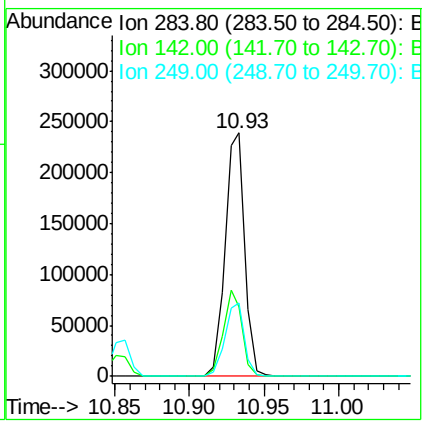


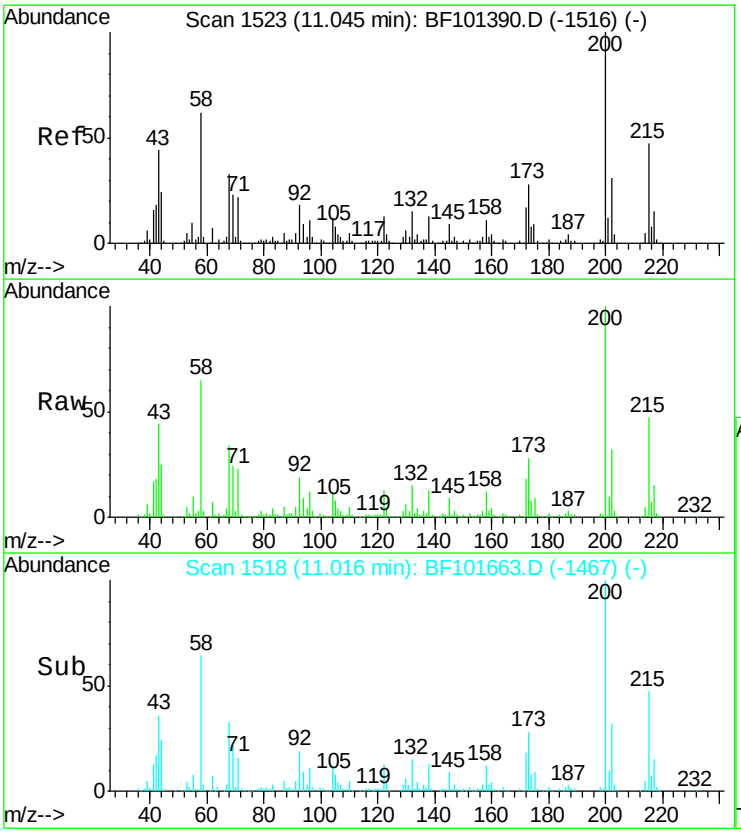
#67
Hexachlorobenzene
Concen: 39.444 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:284 Resp: 223708

Ion	Ratio	Lower	Upper
284	100		
142	28.4	34.6	52.0#
249	30.0	24.8	37.2

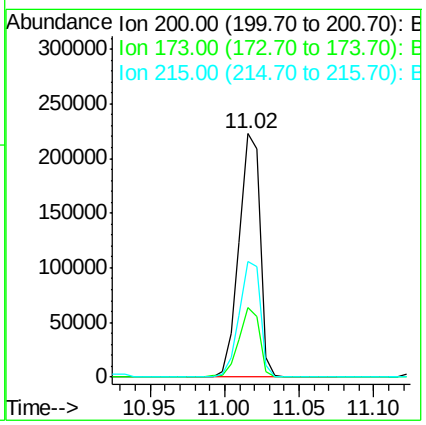


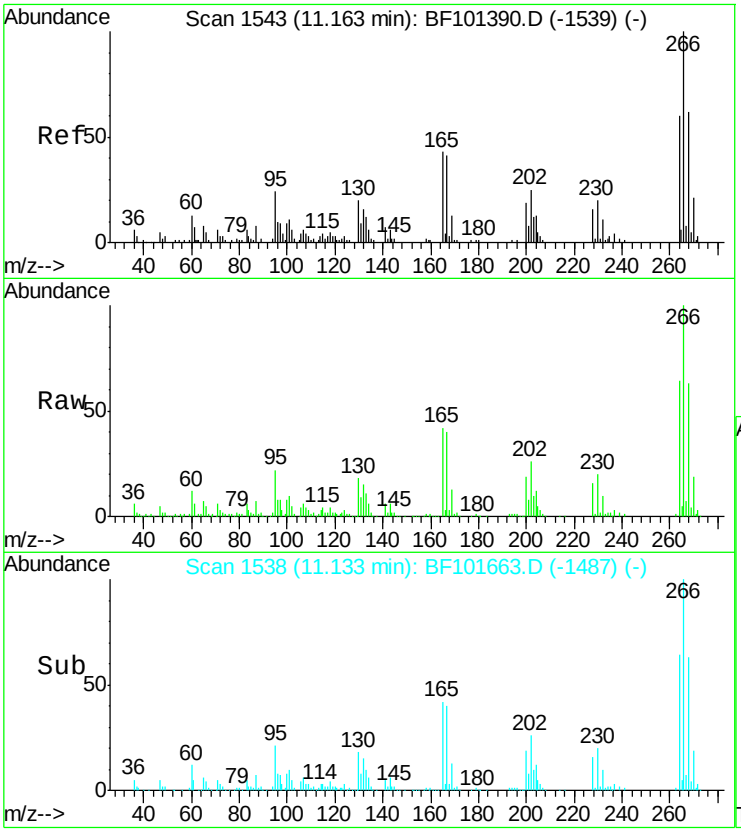


#68
Atrazine
Concen: 41.967 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:200 Resp: 220360

Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	47.4	25.1	65.1



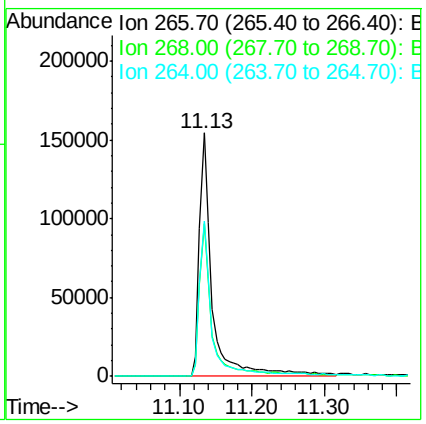


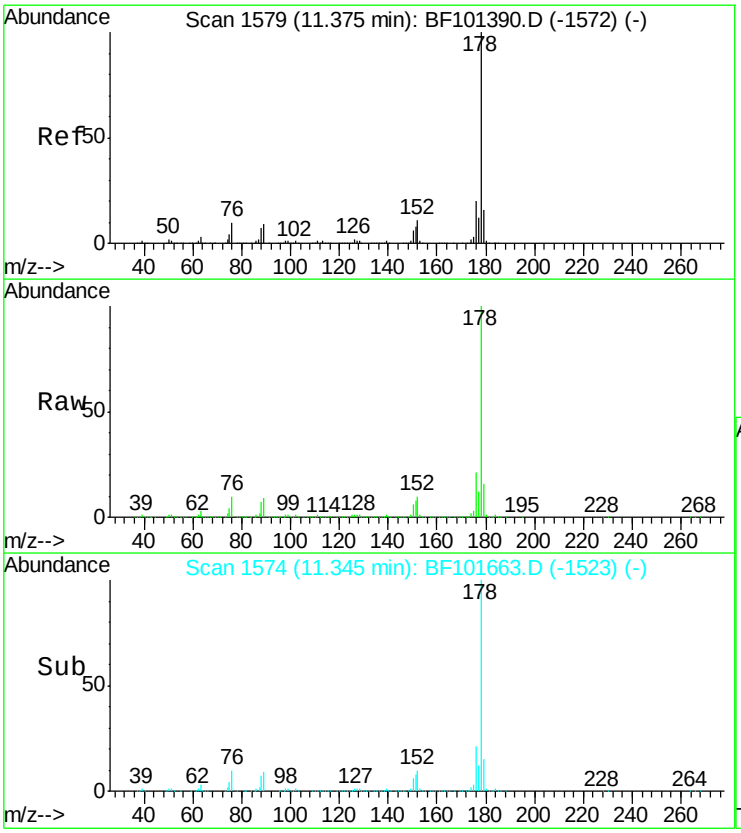
#69
Pentachlorophenol
Concen: 86.953 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:266 Resp: 193147

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.9	49.5	74.3

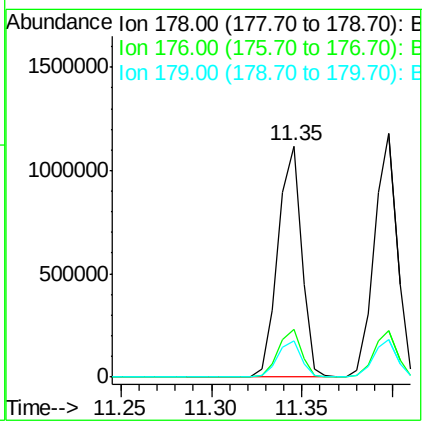


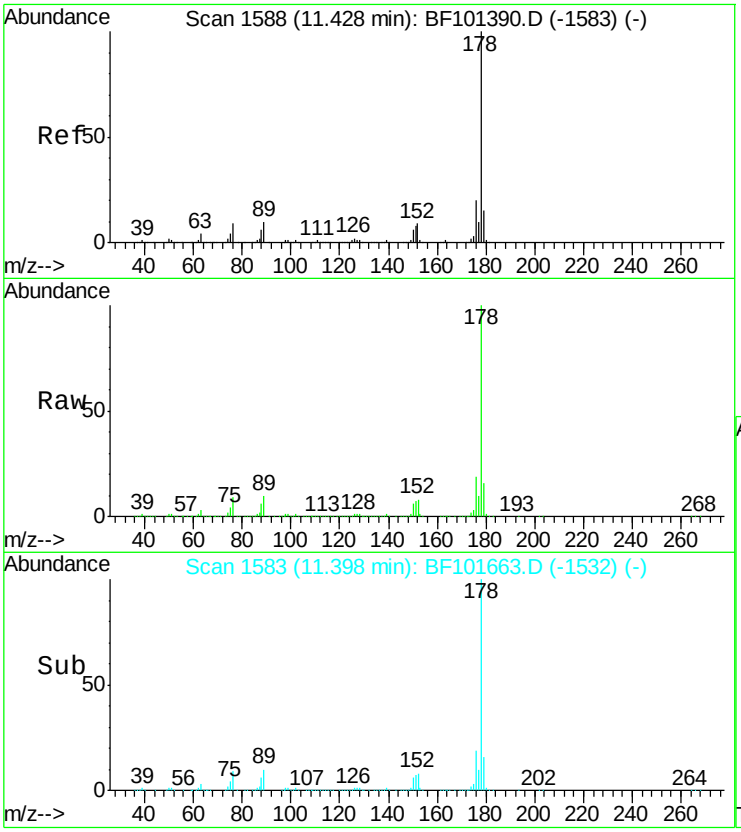


#70
Phenanthrene
Concen: 38.218 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:178 Resp: 1013629

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.7	13.0	19.6



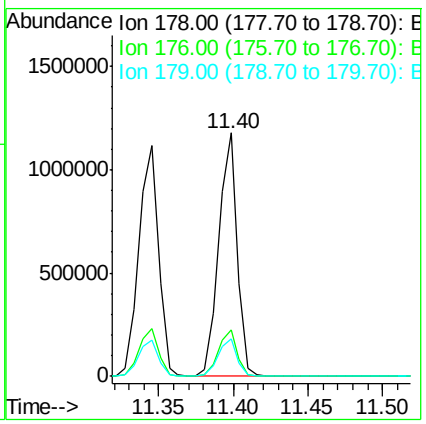


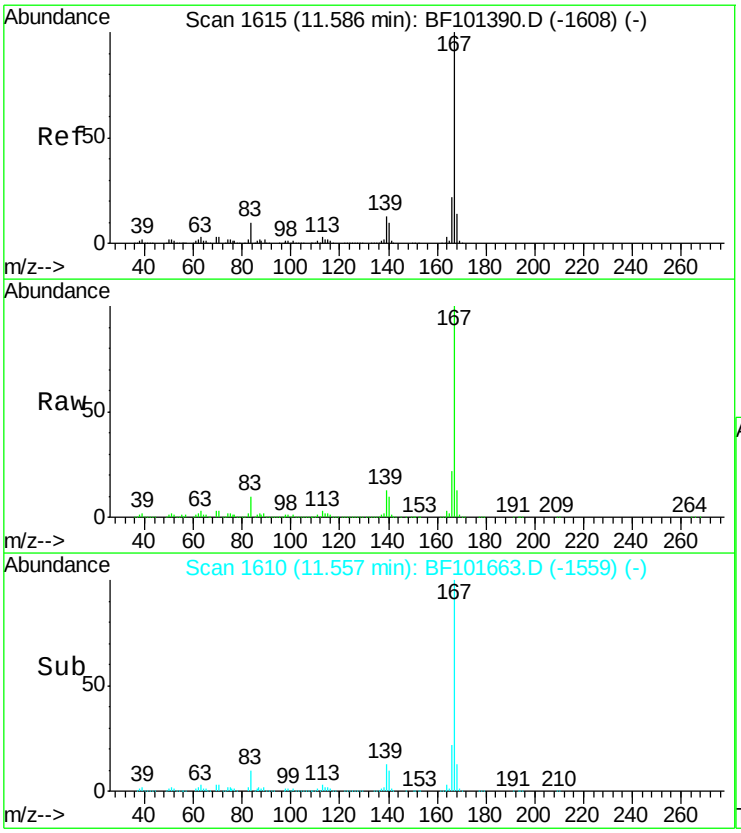
#71
Anthracene
Concen: 38.067 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:178 Resp: 1031281

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

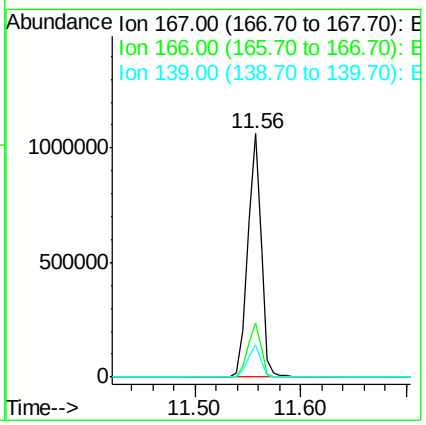


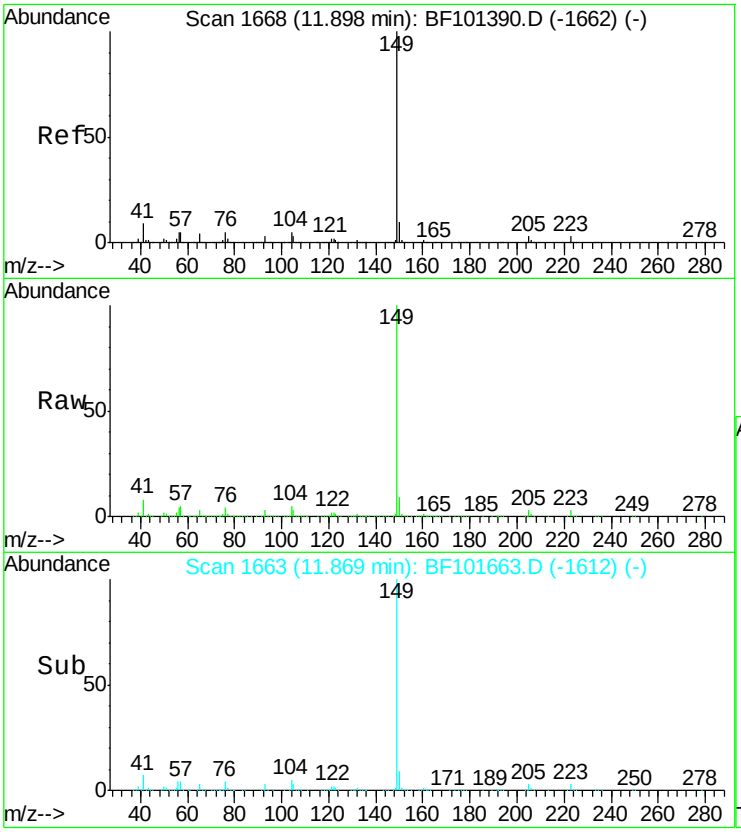


#72
Carbazole
Concen: 36.668 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:167 Resp: 930061

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.4	10.9	16.3



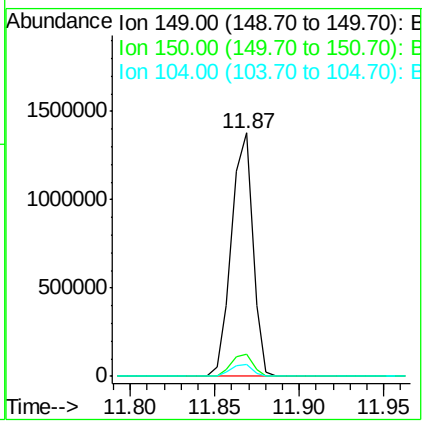


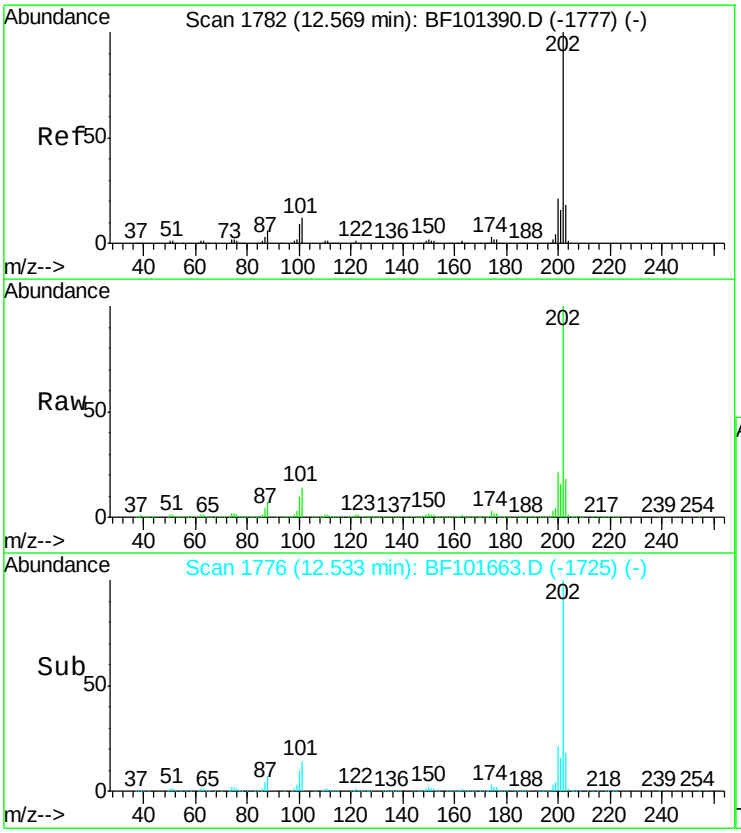
#73
Di-n-butylphthalate
Concen: 39.232 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:149 Resp: 1207792

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.7	3.8	5.8

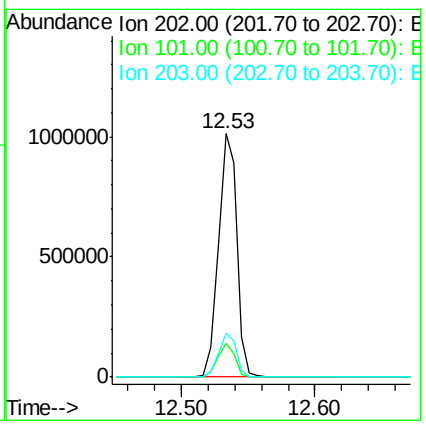


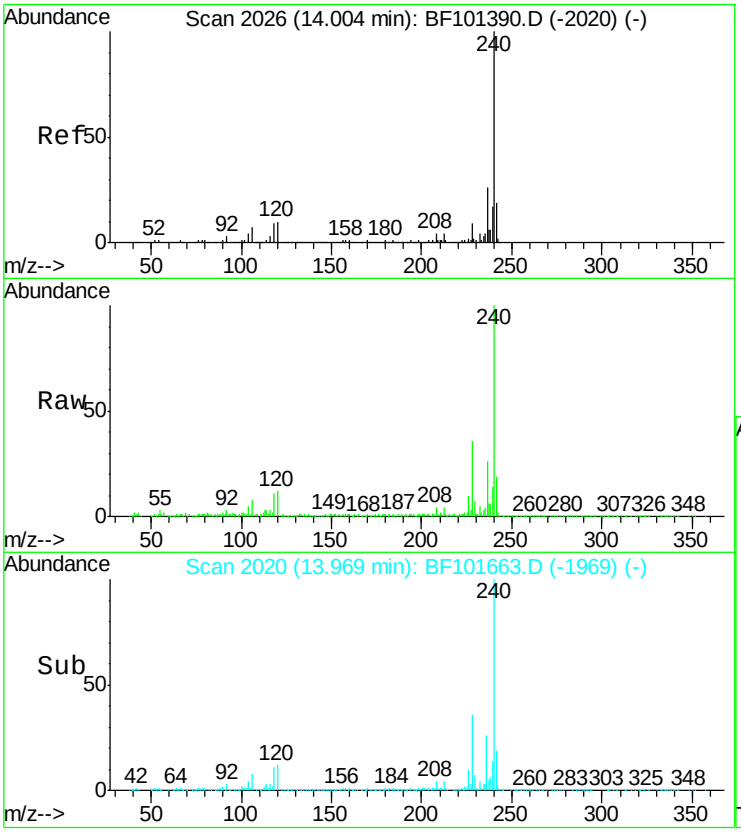


#74
Fluoranthene
Concen: 35.411 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:202 Resp: 985802

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	18.2	0.0	38.1



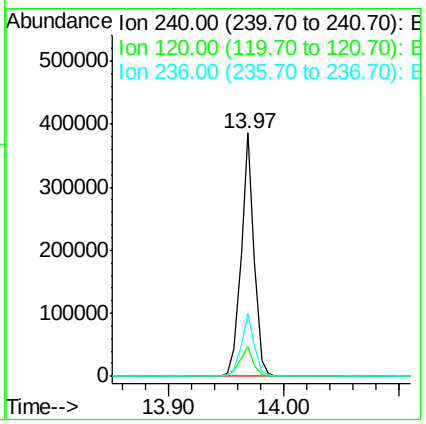


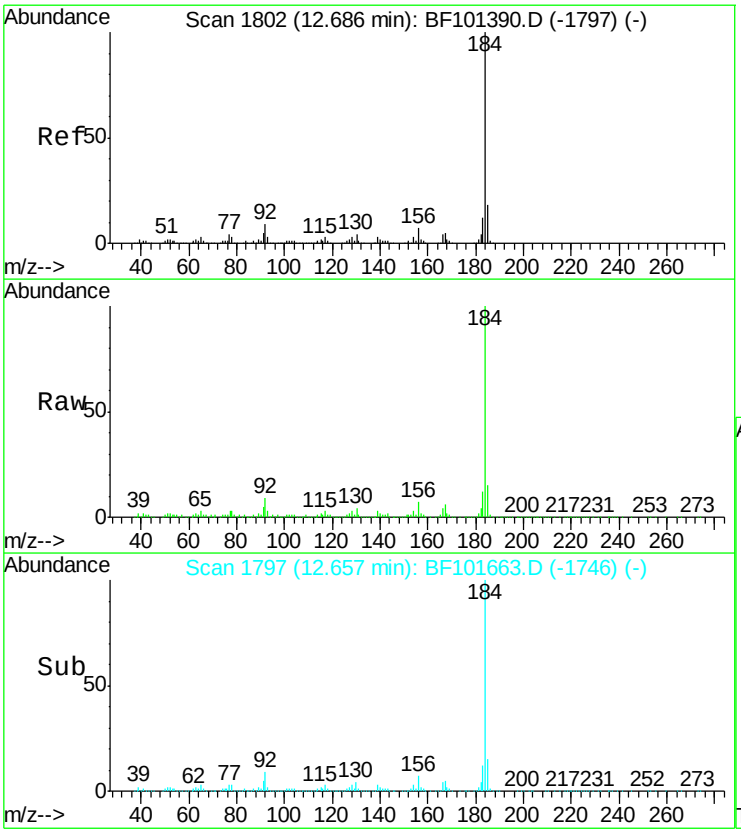
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:240 Resp: 298465

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	20.7	31.1

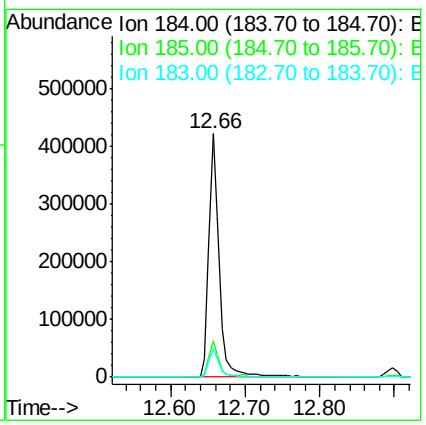


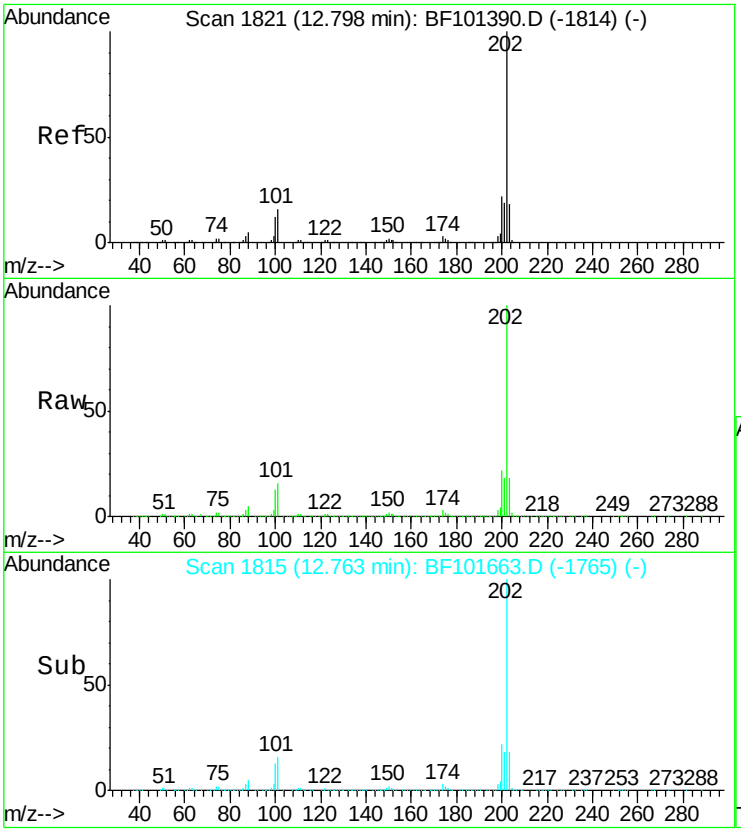


#76
Benzidine
Concen: 32.424 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:184 Resp: 408723

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.7	9.3	13.9



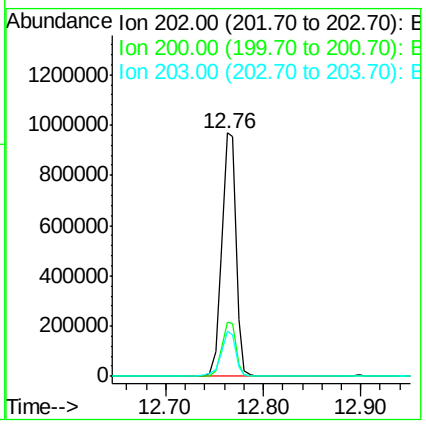


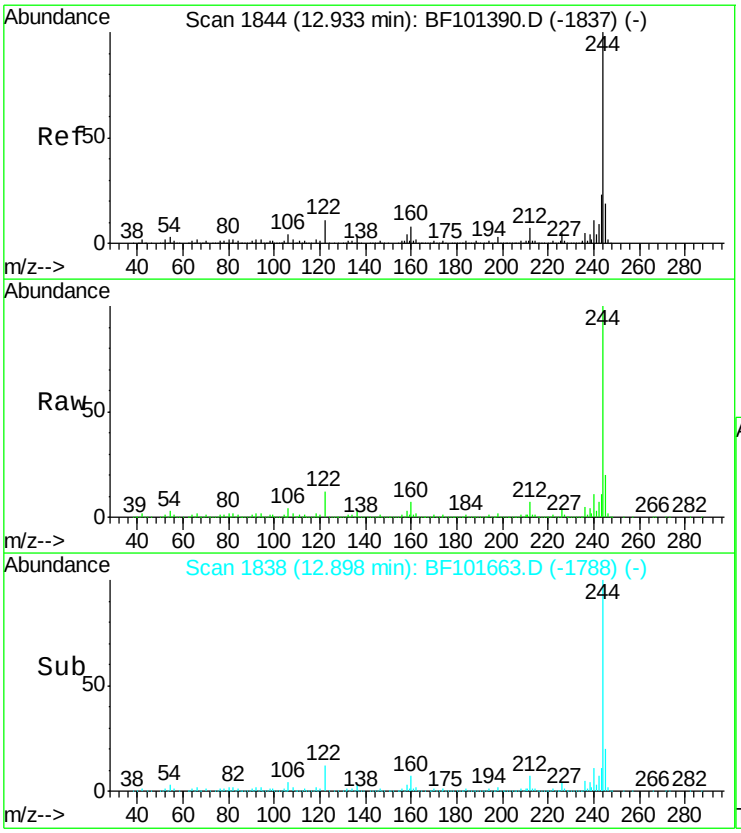
#77
Pyrene
Concen: 43.662 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:202 Resp: 978026

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.3	14.3	21.5

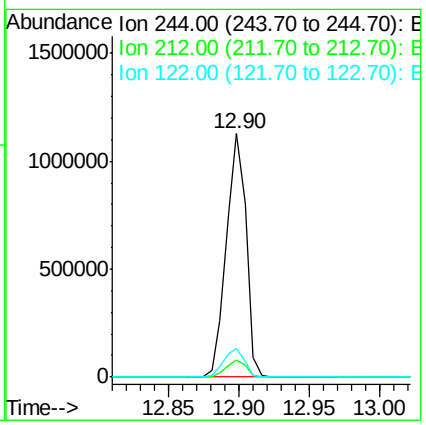


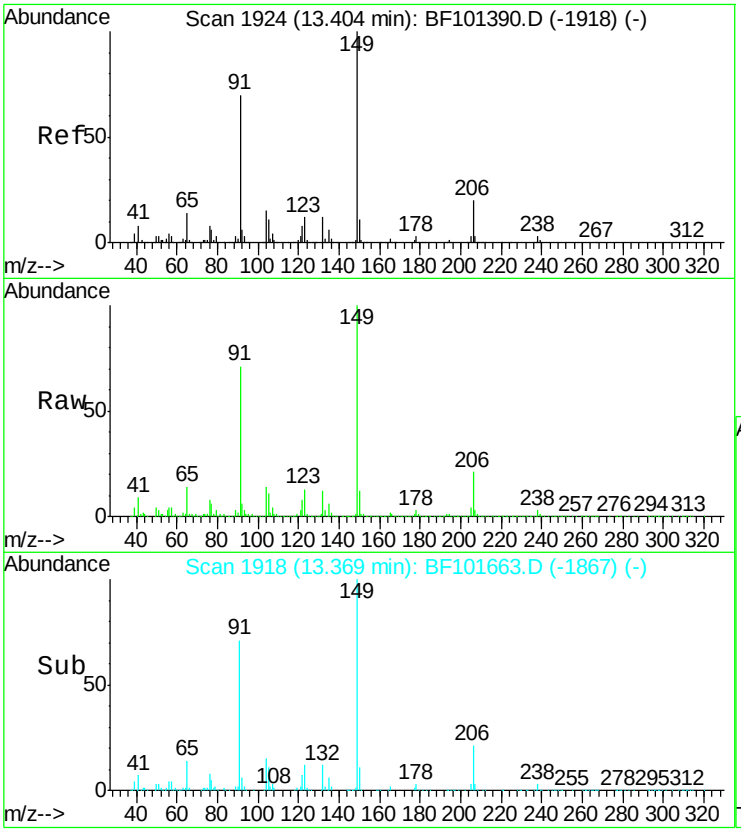


#78
Terphenyl-d14
Concen: 88.322 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:244 Resp: 1093475

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.0	11.0	16.4



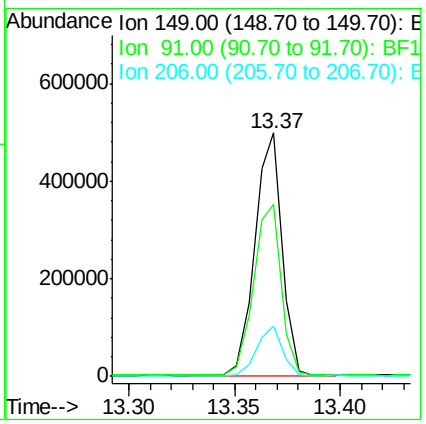


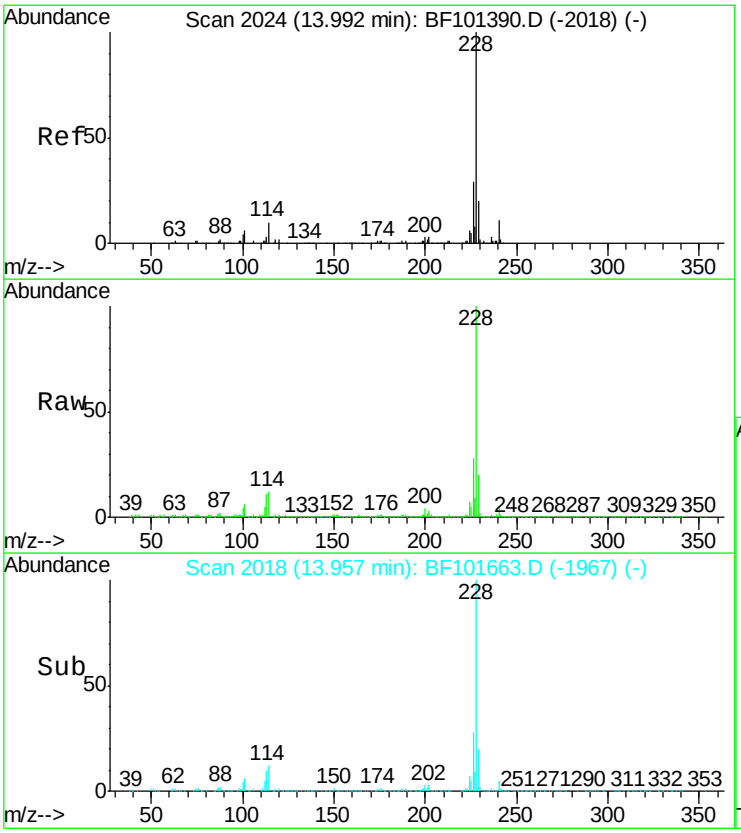
#79
Butylbenzylphthalate
Concen: 43.788 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:149 Resp: 443805

Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.8	85.2
206	20.5	14.1	21.1

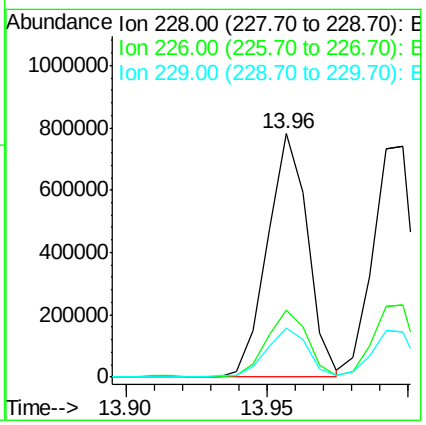


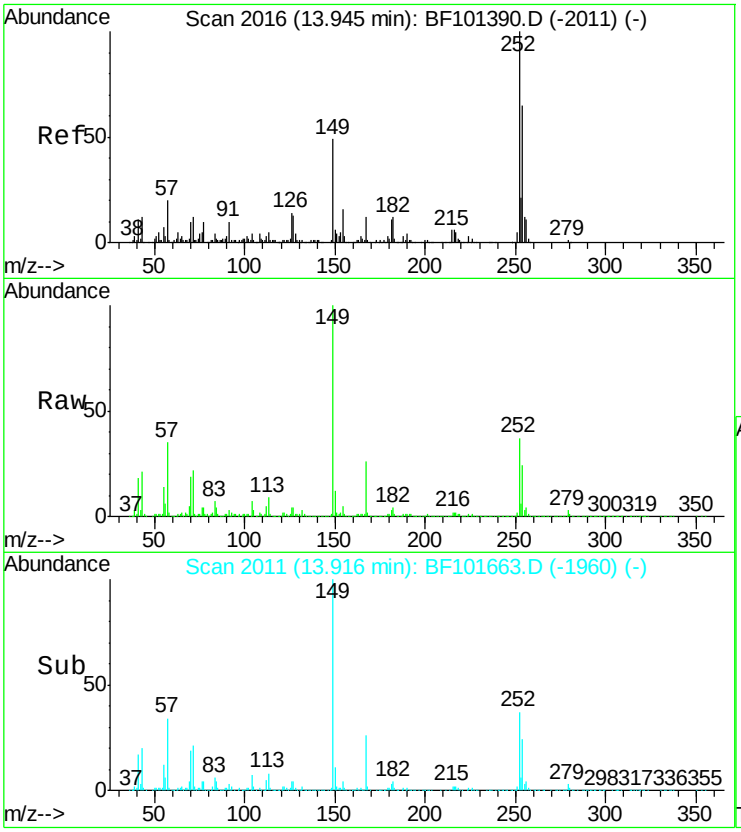


#80
Benzo(a)anthracene
Concen: 38.873 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:228 Resp: 766112

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	15.8	23.6



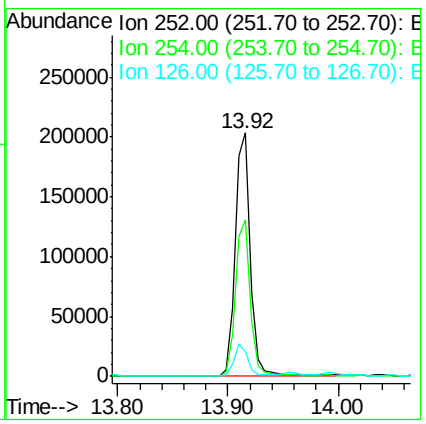


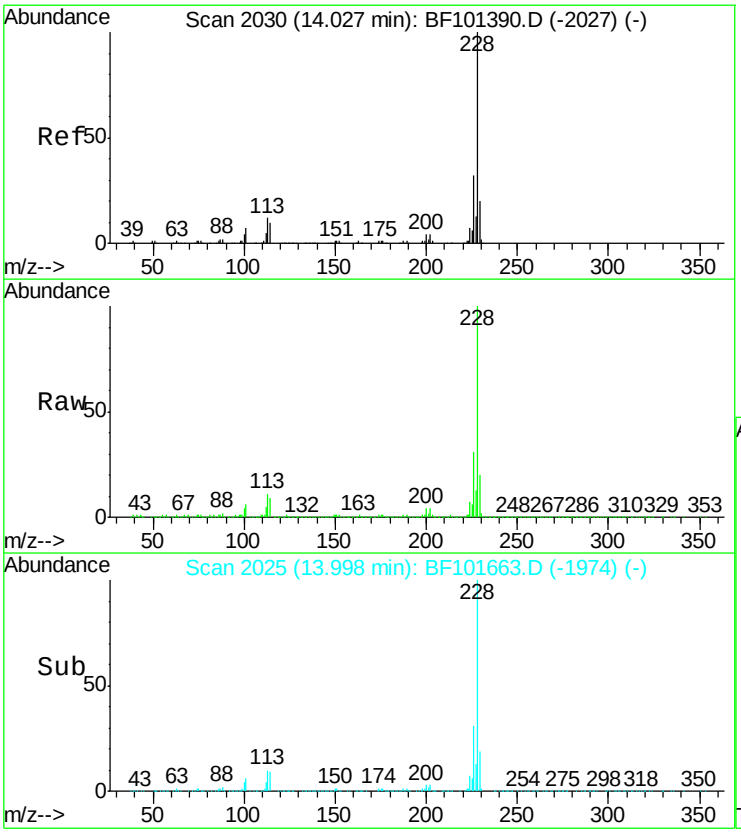
#81
3,3'-Dichlorobenzidine
Concen: 30.133 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:252 Resp: 193637

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	10.2	11.3	16.9#

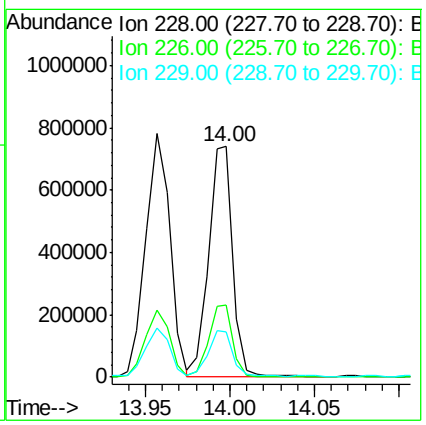


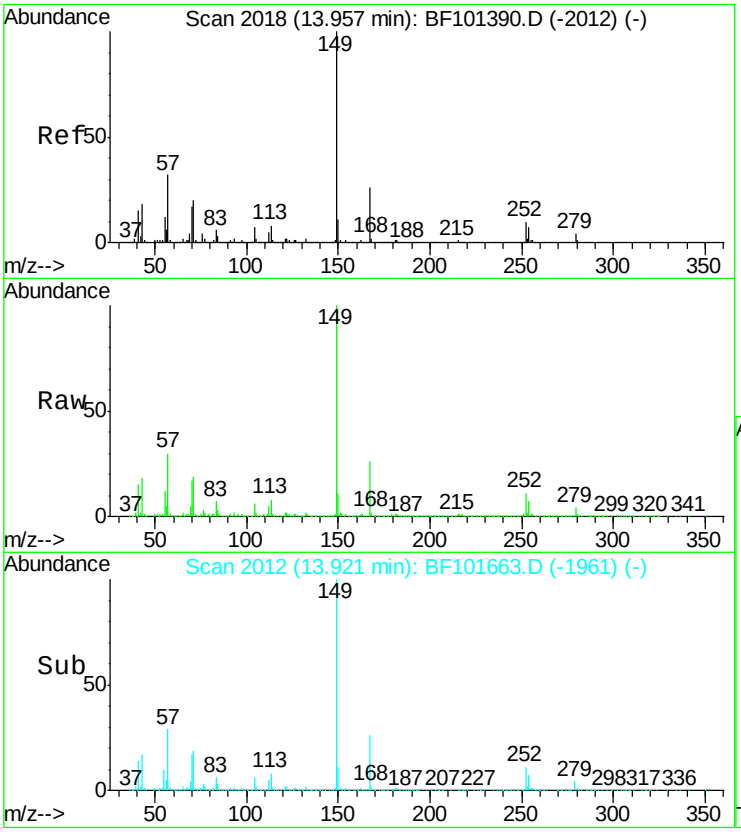


#82
Chrysene
Concen: 39.251 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:228 Resp: 730386

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4



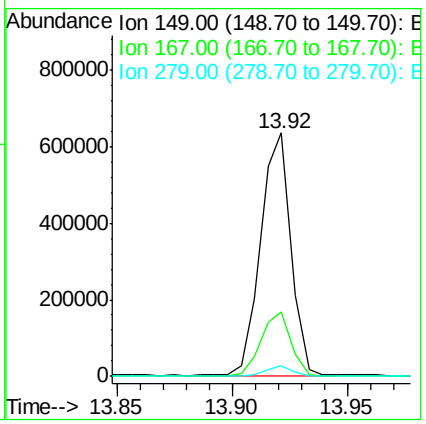


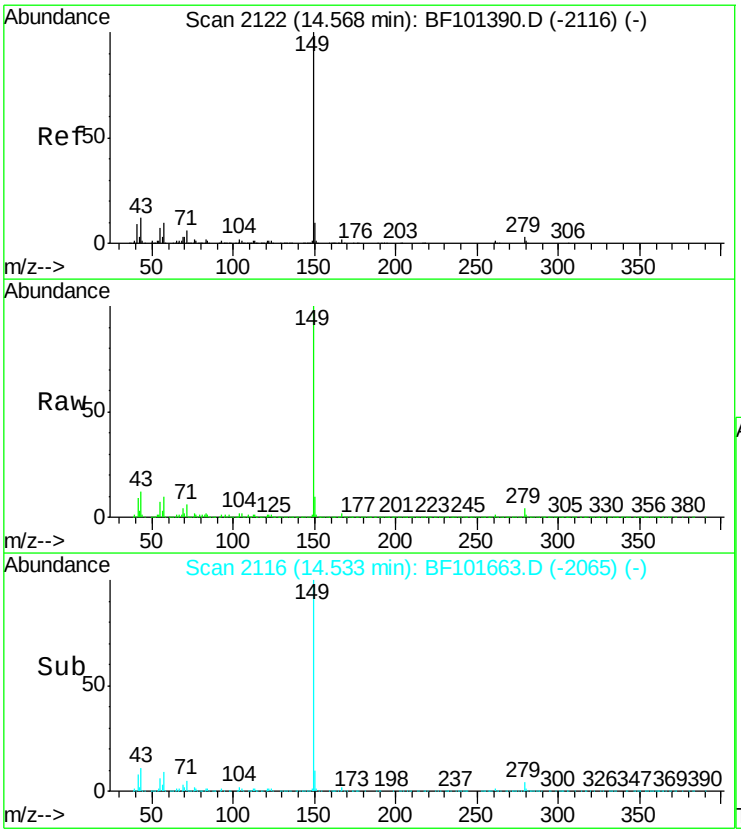
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.839 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:149 Resp: 575631

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.2	3.0	4.4

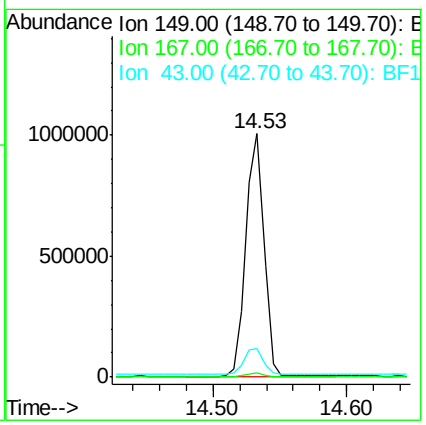


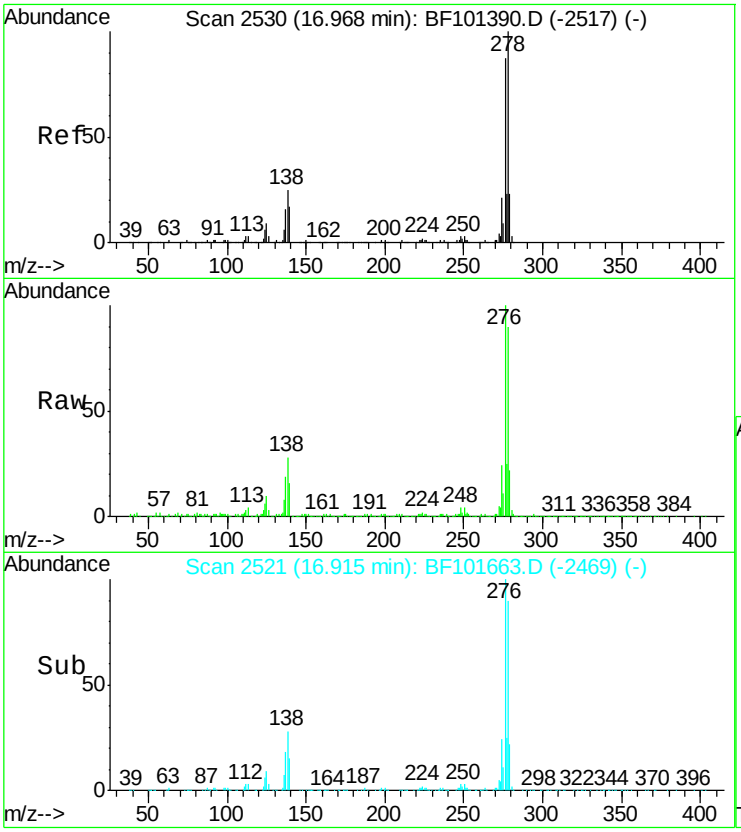


#84
Di-n-octyl phthalate
Concen: 40.613 ng
RT: 14.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:149 Resp: 929821

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	8.4	12.6



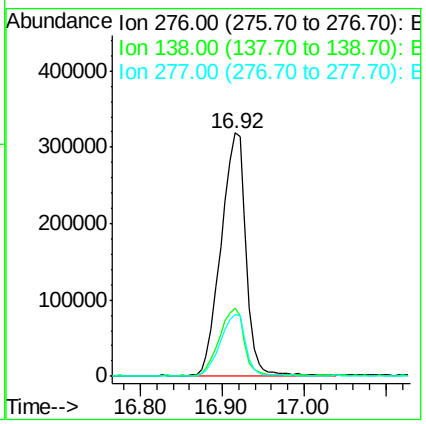


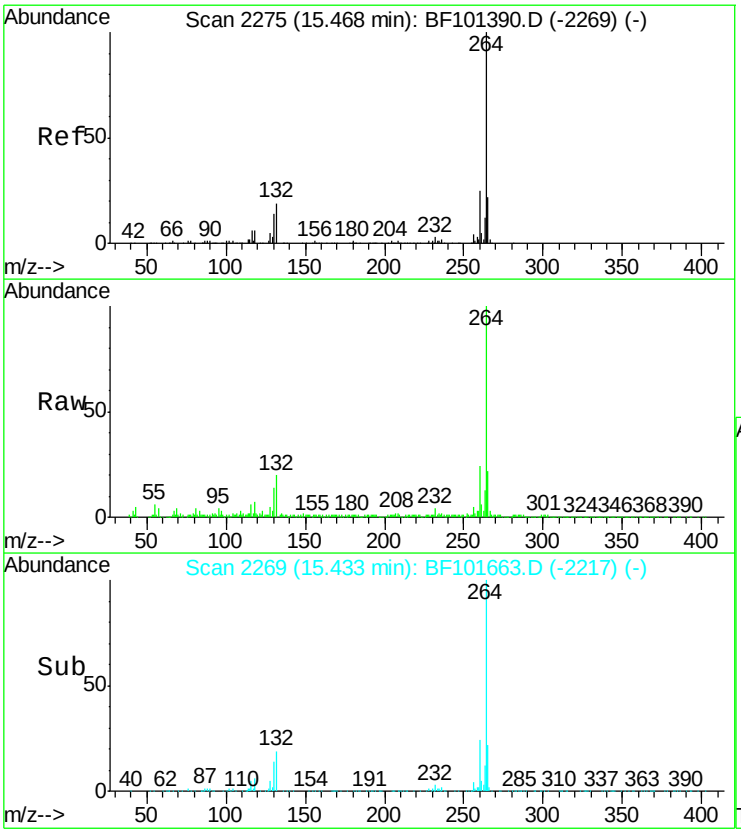
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.661 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:276 Resp: 673764

Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.5	20.1	30.1

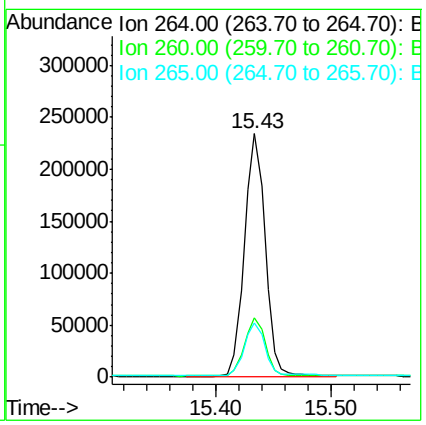


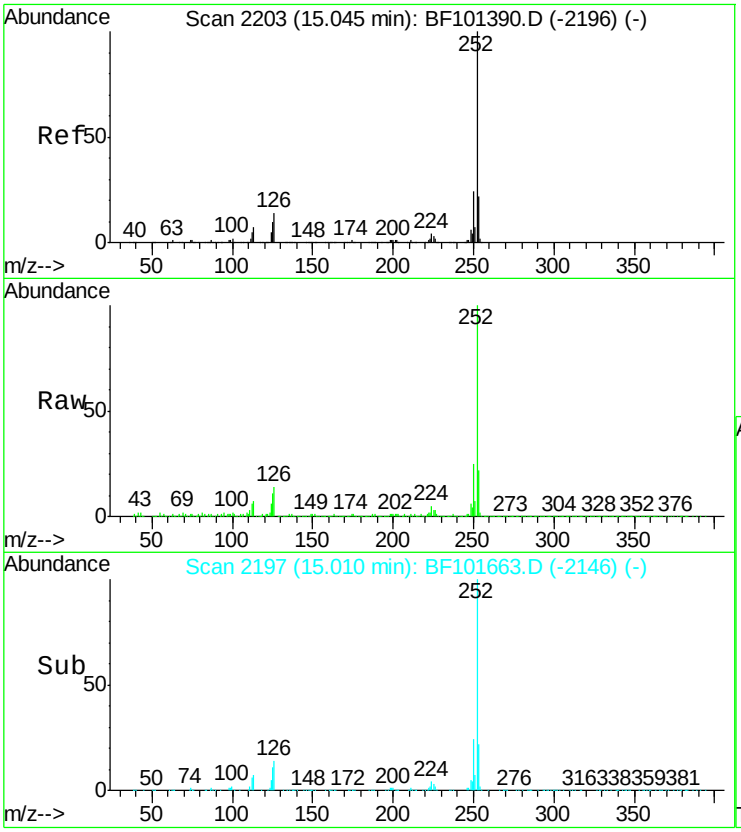


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:264 Resp: 293103

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3



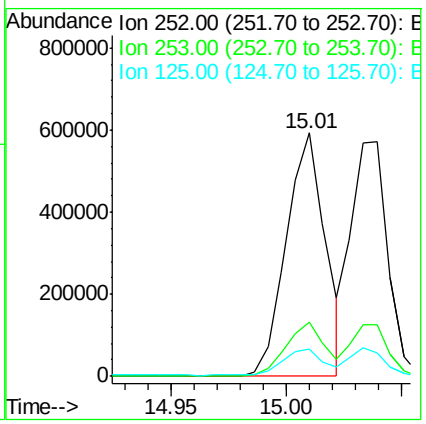


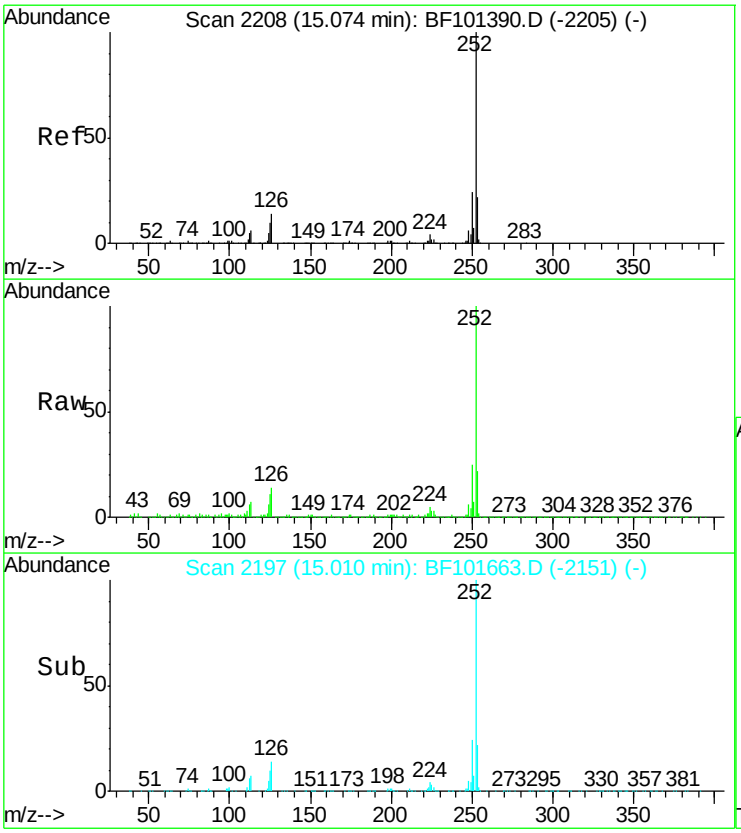
#87
Benzo(b)fluoranthene
Concen: 38.827 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:252 Resp: 693655

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.0	9.0	13.6

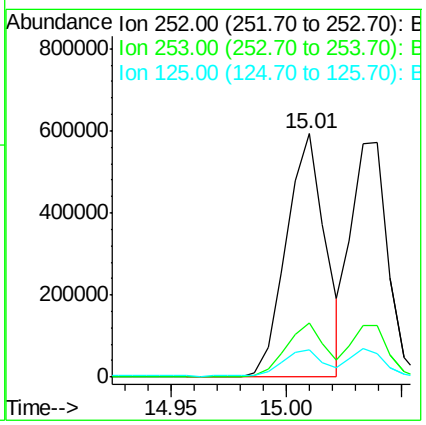


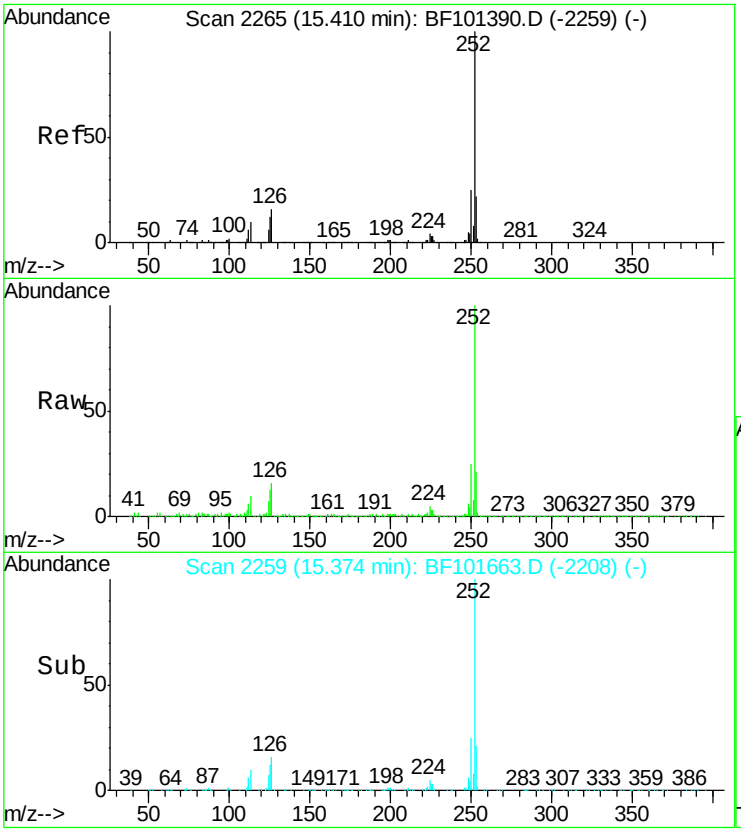


#88
Benzo(k)fluoranthene
Concen: 39.934 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:252 Resp: 693655

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.0	10.2	15.2



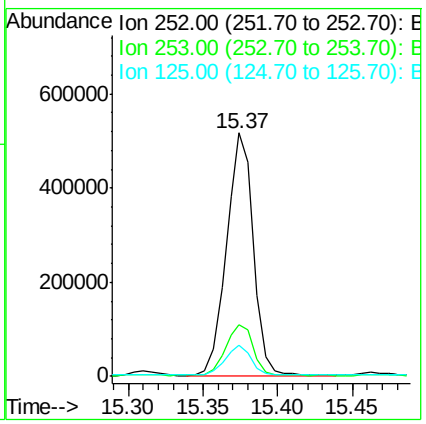


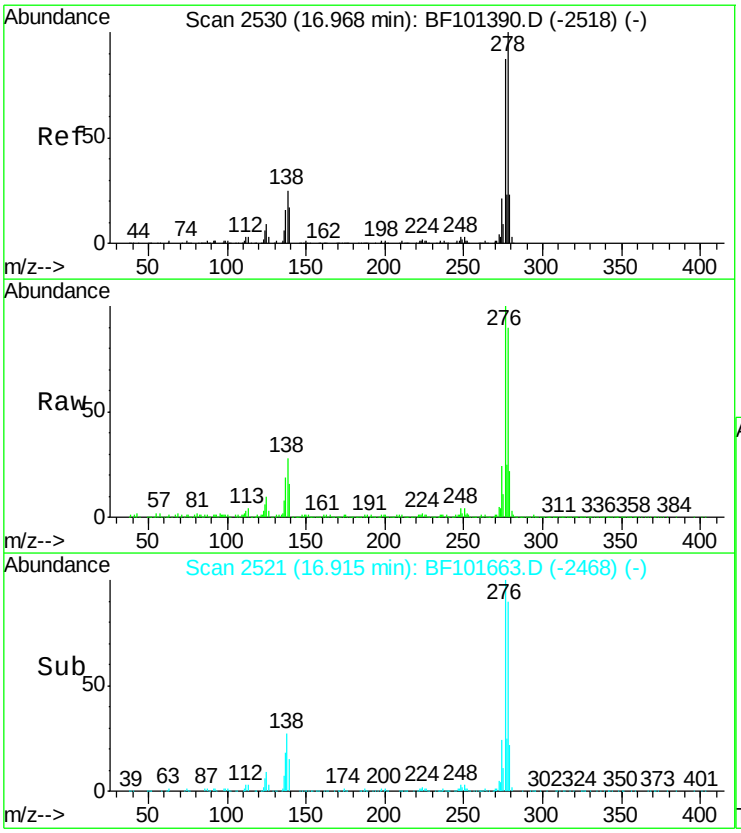
#89
Benzo(a)pyrene
Concen: 39.344 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:252 Resp: 647966

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	12.8	9.8	14.6

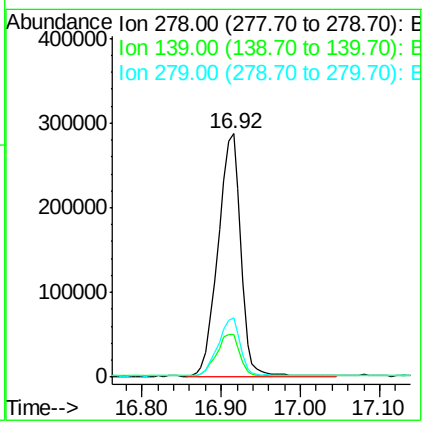


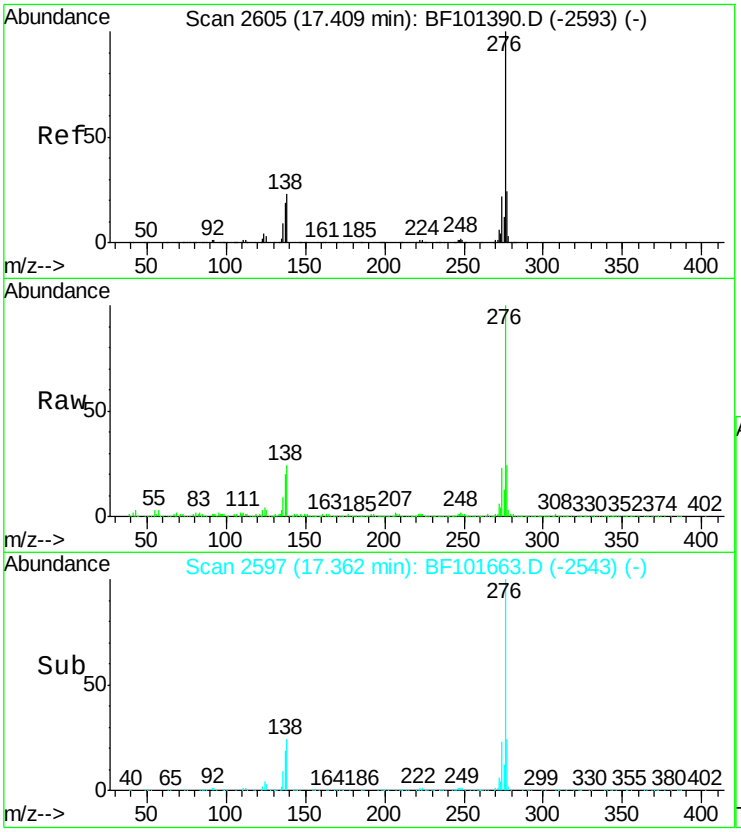


#90
Dibenzo(a,h)anthracene
Concen: 40.100 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Tgt Ion:278 Resp: 567025

Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	24.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 40.738 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.02 min
Lab File: BF101663.D
Acq: 22 Dec 2017 19:42

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Tgt Ion:276 Resp: 570401

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.4	21.8	32.8