Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107967.D
Acq On : 4 Aug 2018 5:00
Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Time: Aug 06 01:02:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	73981	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	33248	20.00	ng	0.02
38) Acenaphthene-d10	10.06	164	95849	20.00	ng	0.05
63) Phenanthrene-d10	11.55	188	111525	20.00	ng	0.05
75) Chrysene-d12	14.16	240	254168	20.00	ng	0.00
86) Perylene-d12	15.70	264	180020	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	663489	152.42	ng	0.00
7) Phenol-d6	6.60	99	737824	128.61	ng	0.00
23) Nitrobenzene-d5	7.53	82	240868	417.36	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	86843	66.68	ng	0.05
44) 2-Fluorobiphenyl	9.36	172	391437	56.91	ng	0.04
78) Terphenyl-d14	13.10	244	783881	66.88	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.81	88	363	5.950	ng	# 20
3) Pyridine	3.54	79	107	6.272	ng	# 1
9) Benzaldehyde	6.51	77	29391	8.491	ng	# 1
10) Phenol	6.62	94	17270	2.524	ng	# 1
15) Benzyl Alcohol	7.12	79	17215	4.828	ng	# 41
18) Hexachloroethane	7.44	117	161484	70.374	ng	# 1
19) n-Nitroso-di-n-propylamine	7.38	70	73357	20.157	ng	# 77
22) Acetophenone	7.35	105	731759	914.807	ng	# 45
24) Nitrobenzene	7.62	77	120055	198.388	ng	# 47
25) Isophorone	7.78	82	200904	212.073	ng	# 1
26) 2-Nitrophenol	7.91	139	30922	101.816	ng	# 1
27) 2,4-Dimethylphenol	7.91	122	28144	69.216	ng	# 1
28) bis(2-Chloroethoxy)methane	8.03	93	20845	33.389	ng	# 1
29) 2,4-Dichlorophenol	8.10	162	22744	49.451	ng	# 1
30) 1,2,4-Trichlorobenzene	8.16	180	1076	2.051	ng	88
31) Naphthalene	8.30	128	457485	296.009	ng	# 57
32) Benzoic acid	8.06	122	16408	59.260	ng	# 1
33) 4-Chloroaniline	8.37	127	47920	72.590	ng	# 1
35) Caprolactam	8.72	113	364499	2632.570	ng	# 1
36) 4-Chloro-3-methylphenol	8.76	107	89448	179.073	ng	# 16
37) 2-Methylnaphthalene	9.02	142	2485937	2560.684	ng	# 93
42) 2,4,6-Trichlorophenol	9.27	196	10385	5.748	ng	# 22
43) 2,4,5-Trichlorophenol	9.35	196	7941	3.651	ng	# 1
45) 1,1'-Biphenyl	9.47	154	89279	10.235	ng	97
47) 2-Nitroaniline	9.59	65	6207	2.901	ng	# 42
48) Acenaphthylene	9.93	152	112908	11.072	ng	# 1
49) Dimethylphthalate	9.75	163	17711	2.460	ng	# 52
50) 2,6-Dinitrotoluene	9.81	165	46389	29.654	ng	# 77
51) Acenaphthene	10.10	154	81508	13.759	ng	# 40
52) 3-Nitroaniline	10.01	138	13122	6.657	ng	# 35
53) 2,4-Dinitrophenol	10.17	184	1938	10.543	ng	# 1
54) Dibenzofuran	10.28	168	69104	7.547	ng	# 1
55) 4-Nitrophenol	10.17	139	83320	88.667	ng	# 29
56) 2,4-Dinitrotoluene	10.27	165	32500	15.807	ng	# 56

Quantitation Report (Not Reviewed)

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Operator : JU/SJ
Sample : J4297-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Time: Aug 06 01:02:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	10.61	166	191812	26.956	ng	#	65
58) 2,3,4,6-Tetrachlorophenol	10.43	232	6201	3.104	ng	#	1
59) Diethylphthalate	10.43	149	47181	6.096	ng	#	1
60) 4-Chlorophenyl-phenylether	10.65	204	7975	2.057	ng	#	1
61) 4-Nitroaniline	10.78	138	14734	8.423	ng		78
62) Azobenzene	10.75	77	25579	3.549	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.67	198	3621	5.968	ng	#	1
65) n-Nitrosodiphenylamine	10.72	169	338022	92.048	ng	#	49
68) Atrazine	11.20	200	2582	2.376	ng	#	1
69) Pentachlorophenol	11.34	266	8073	11.377	ng	#	49
70) Phenanthrene	11.58	178	752026	142.011	ng	#	90
71) Anthracene	11.63	178	71118	11.643	ng	#	21
72) Carbazole	11.77	167	45781	7.585	ng	#	1
77) Pyrene	12.97	202	66358	3.626	ng	#	66
87) Benzo(b)fluoranthene	15.24	252	27665	3.116	ng	#	1
88) Benzo(k)fluoranthene	15.24	252	27665	2.538	ng	#	1

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

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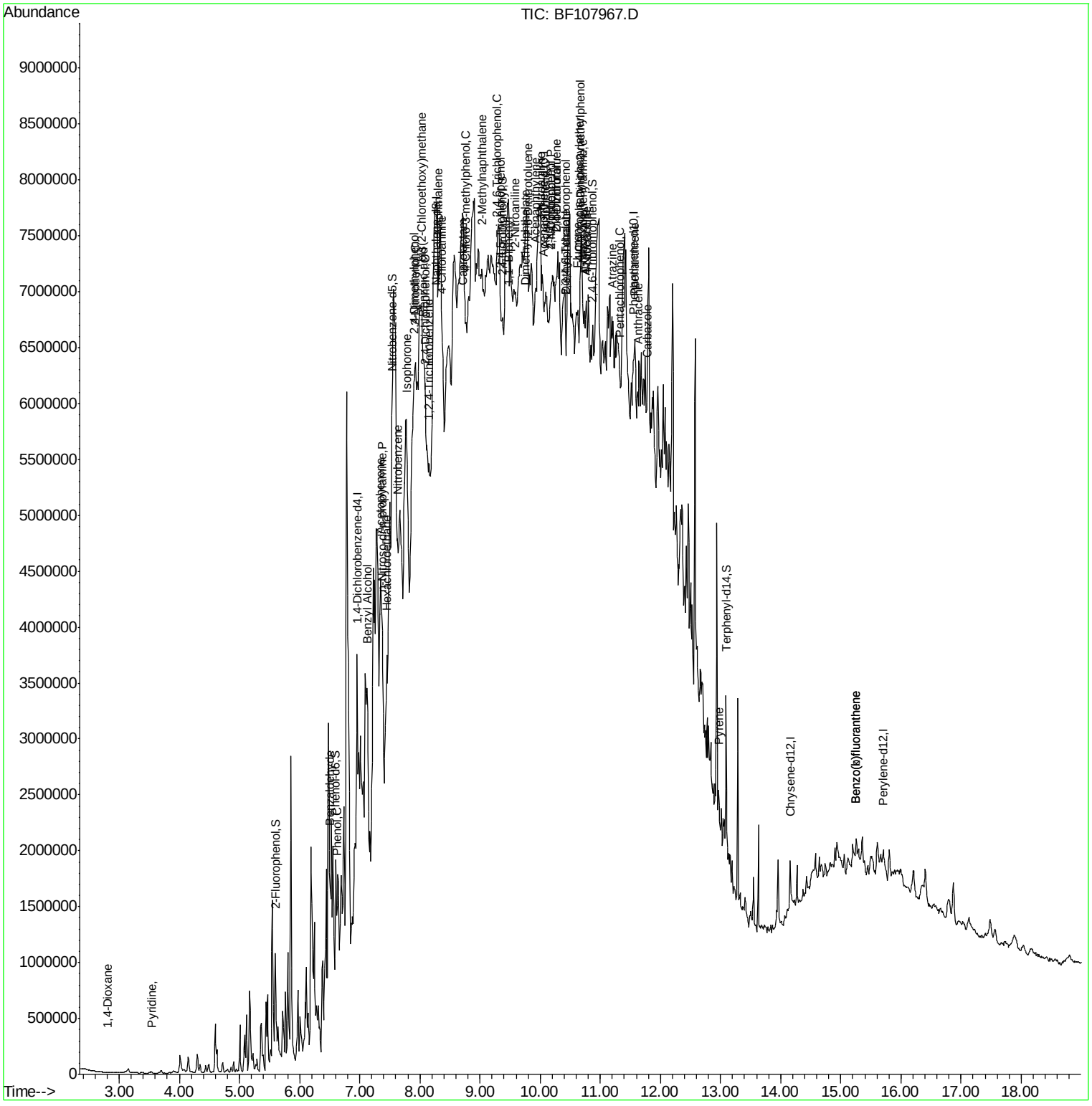
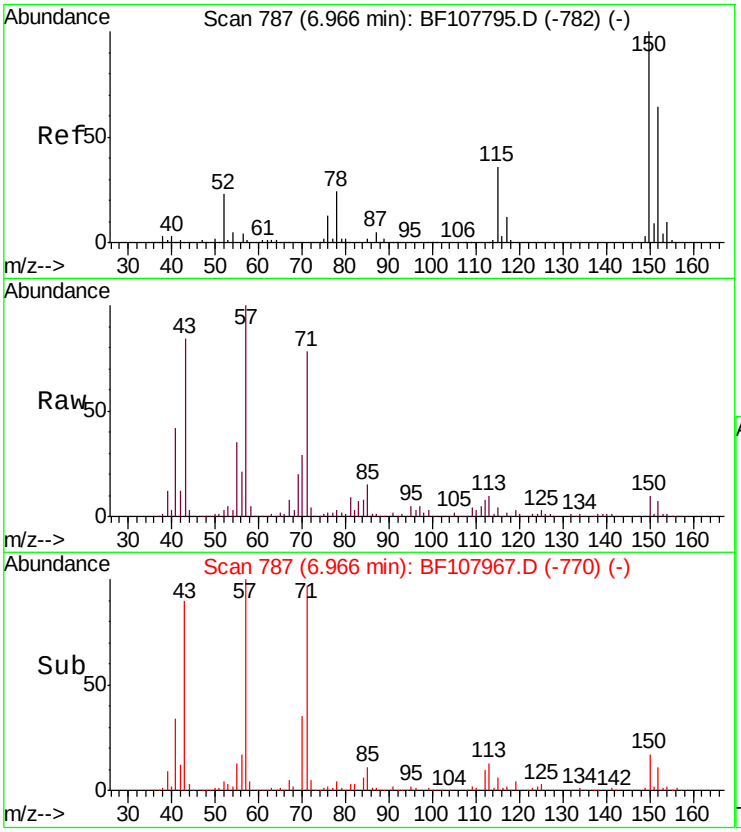


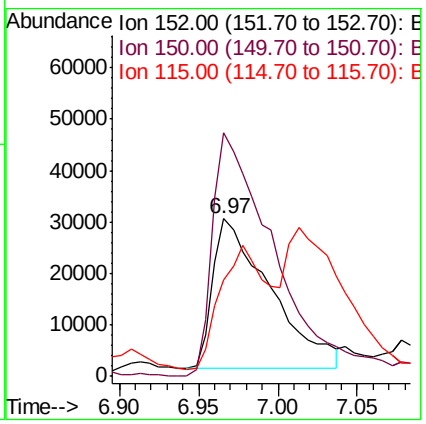


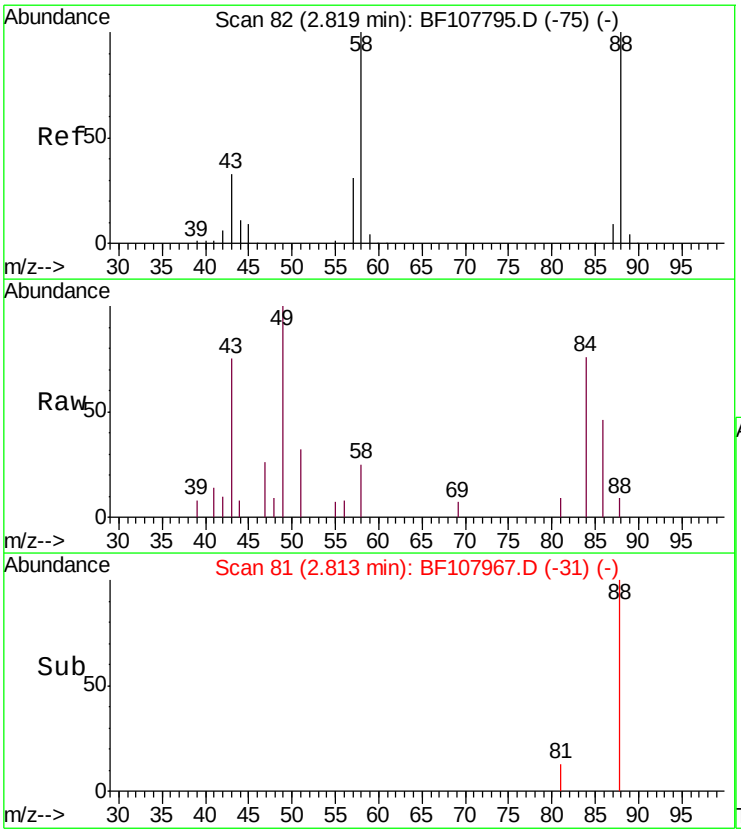
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 73981

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	61.4	50.1	75.1

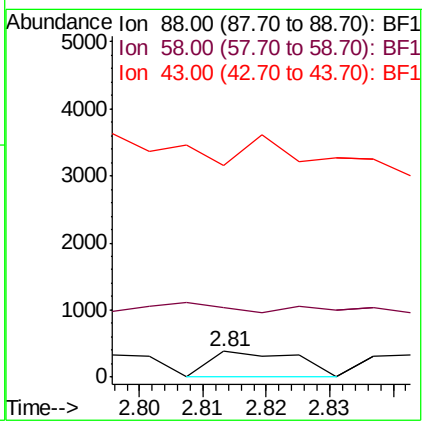


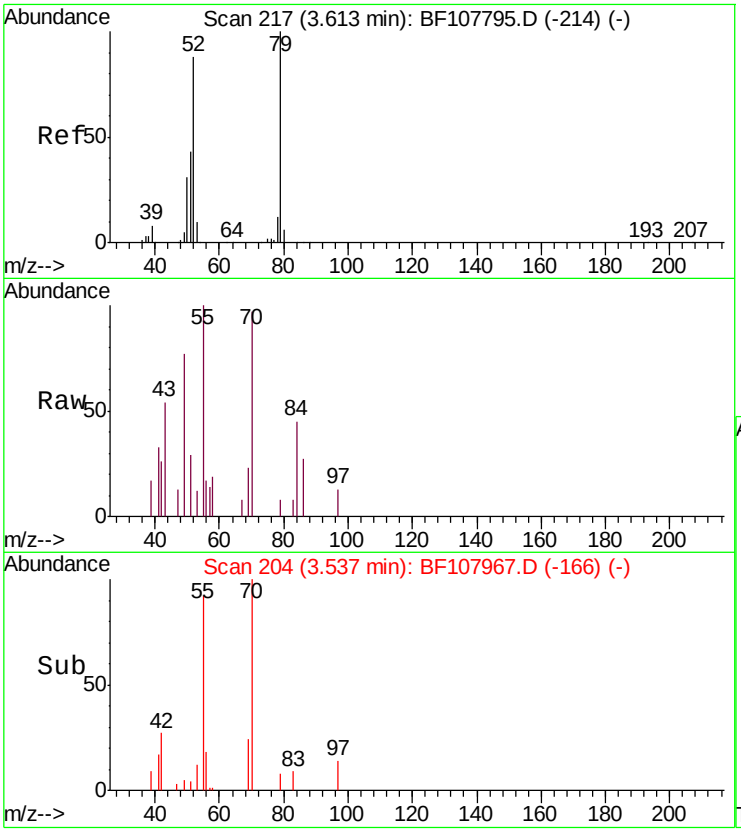


#2
1,4-Dioxane
Concen: 5.950 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 88 Resp: 363

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#



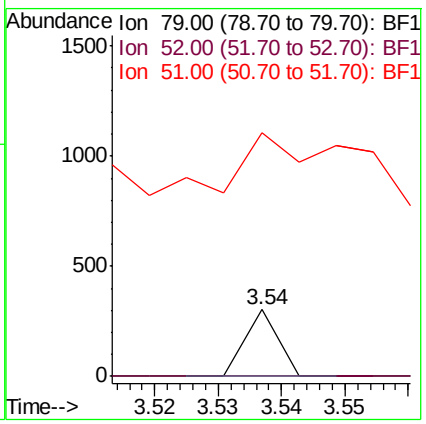


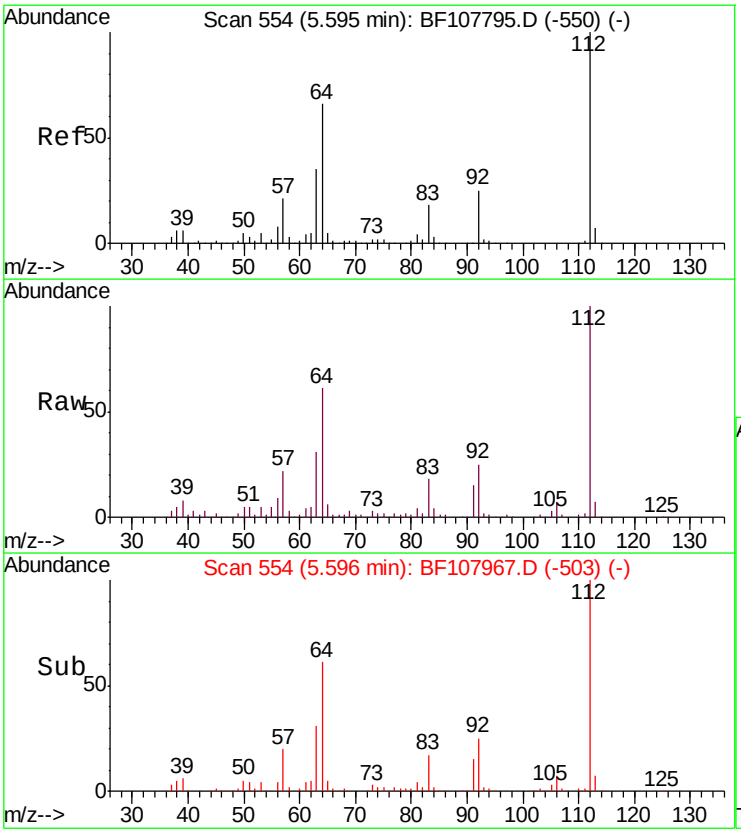
#3
Pyridine
Concen: 6.272 ng
RT: 3.54 min Scan# 204
Delta R.T. -0.08 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 79 Resp: 107

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	365.0	29.8	44.8#

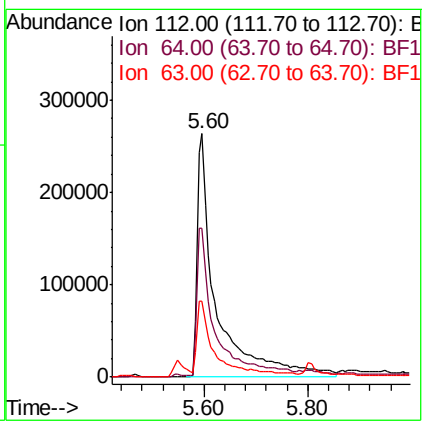


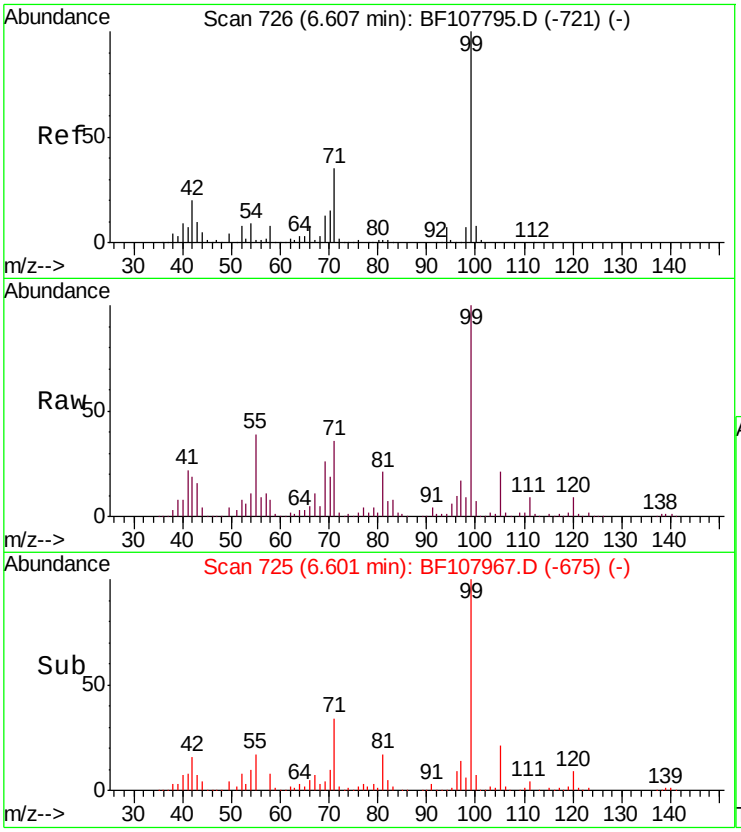


#5
2-Fluorophenol
Concen: 152.422 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:112 Resp: 663489

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	31.2	23.7	35.5



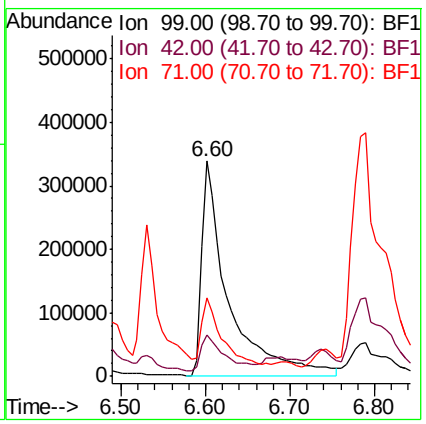


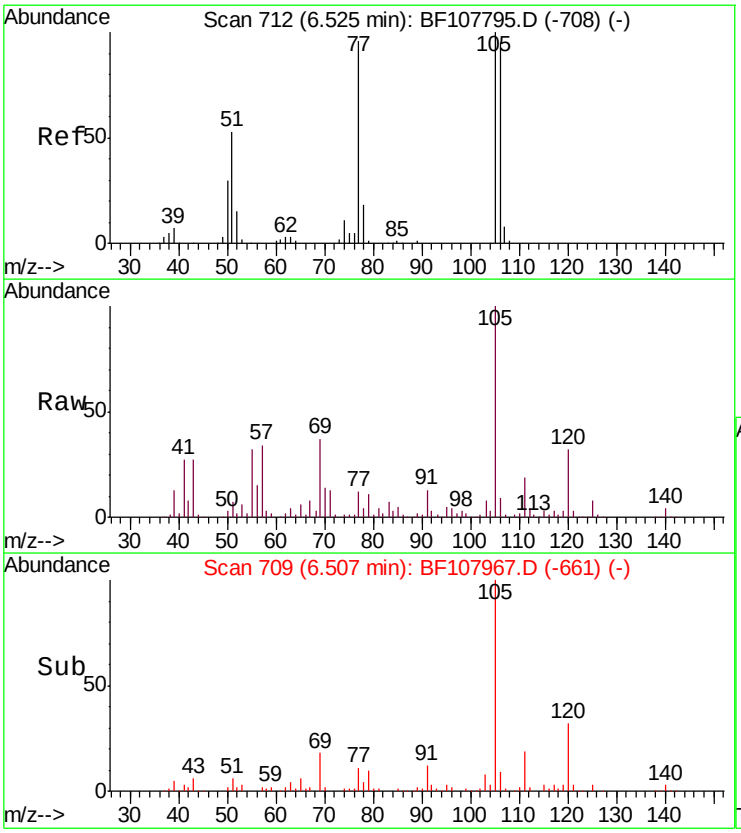
#7
Phenol-d6
Concen: 128.608 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 737824

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	36.3	25.4	38.0

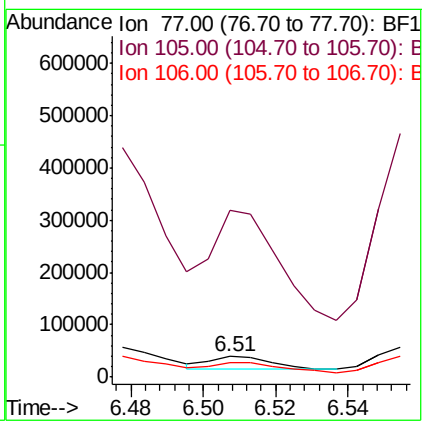


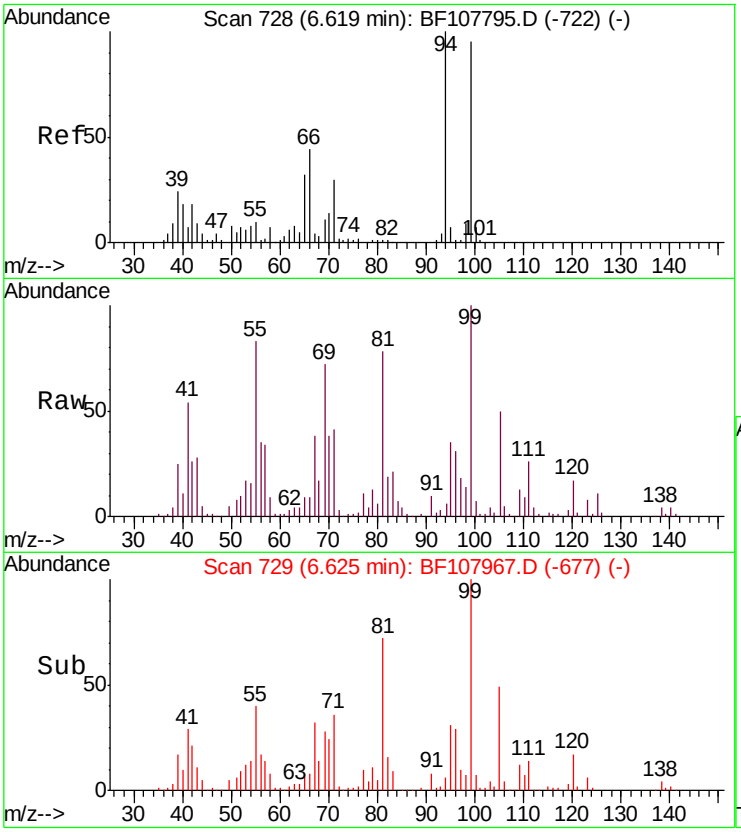


#9
Benzaldehyde
Concen: 8.491 ng
RT: 6.51 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 77 Resp: 29391

Ion	Ratio	Lower	Upper
77	100		
105	809.6	81.1	121.1#
106	71.1	74.5	114.5#



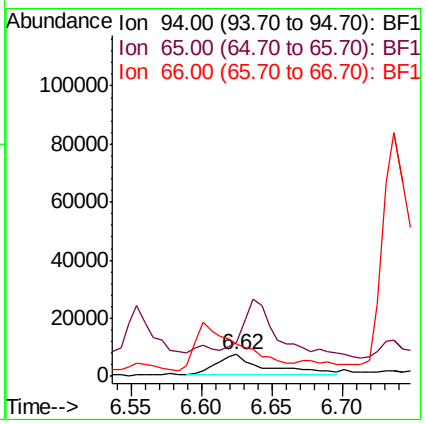


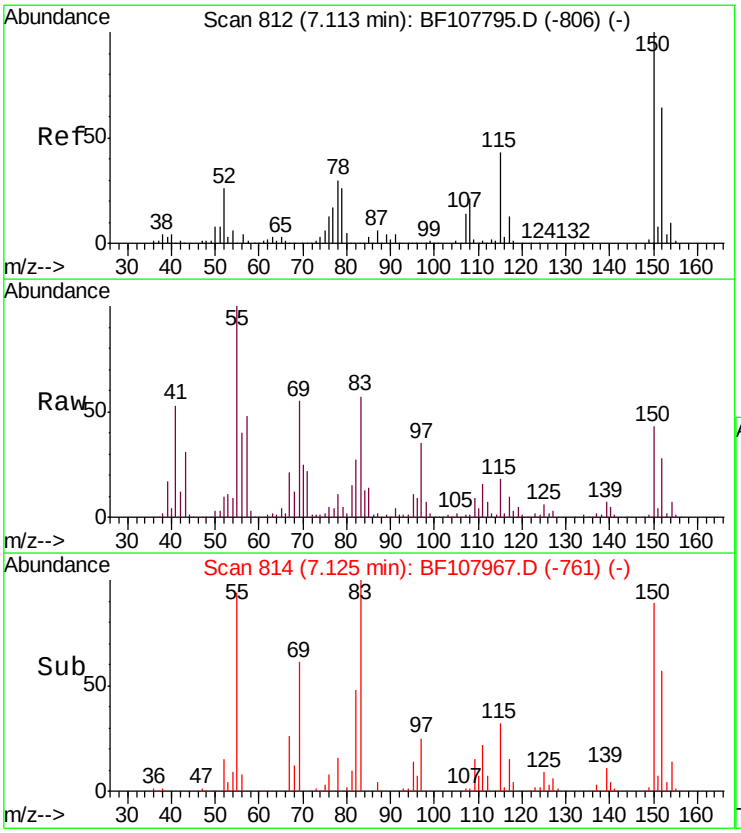
#10
Phenol
Concen: 2.524 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 94 Resp: 17270

Ion	Ratio	Lower	Upper
94	100		
65	152.7	7.9	47.9#
66	147.8	16.2	56.2#

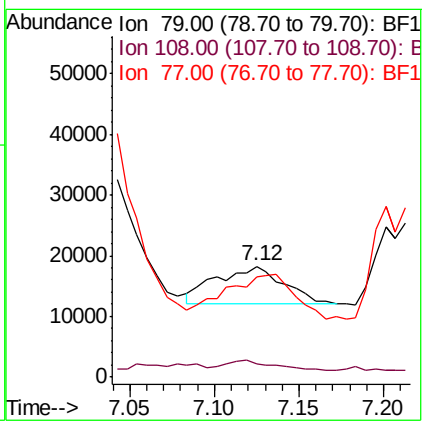


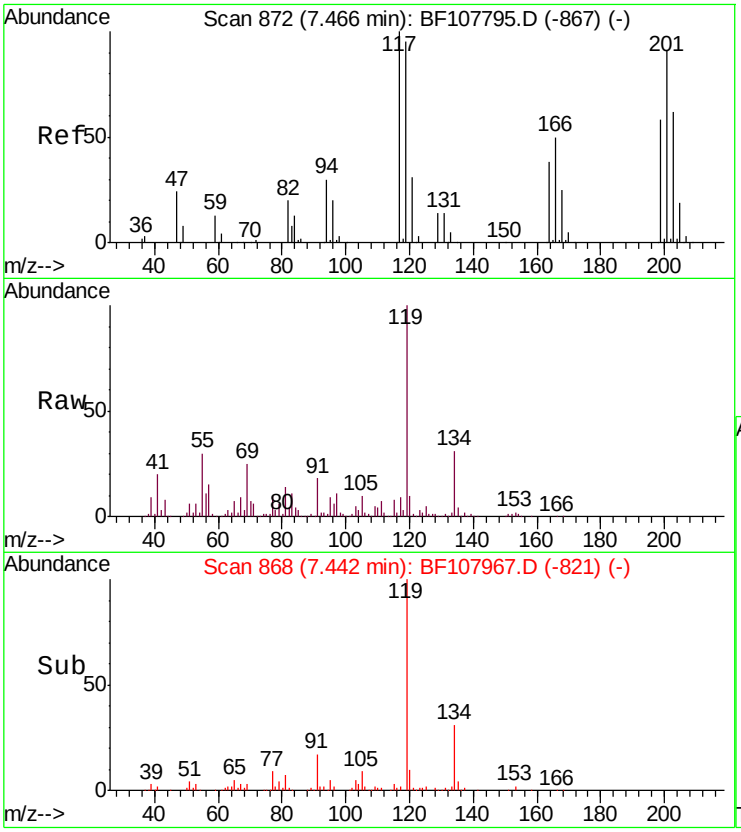


#15
Benzyl Alcohol
Concen: 4.828 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 79 Resp: 17215

Ion	Ratio	Lower	Upper
79	100		
108	11.4	65.1	97.7#
77	89.8	50.6	75.8#



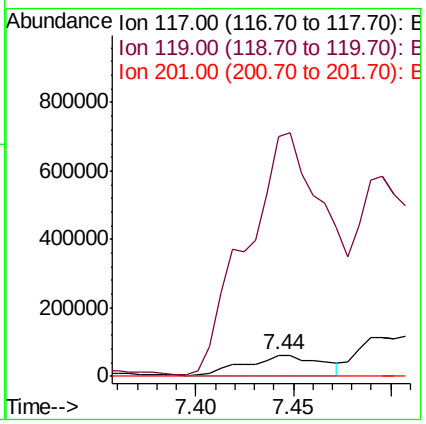


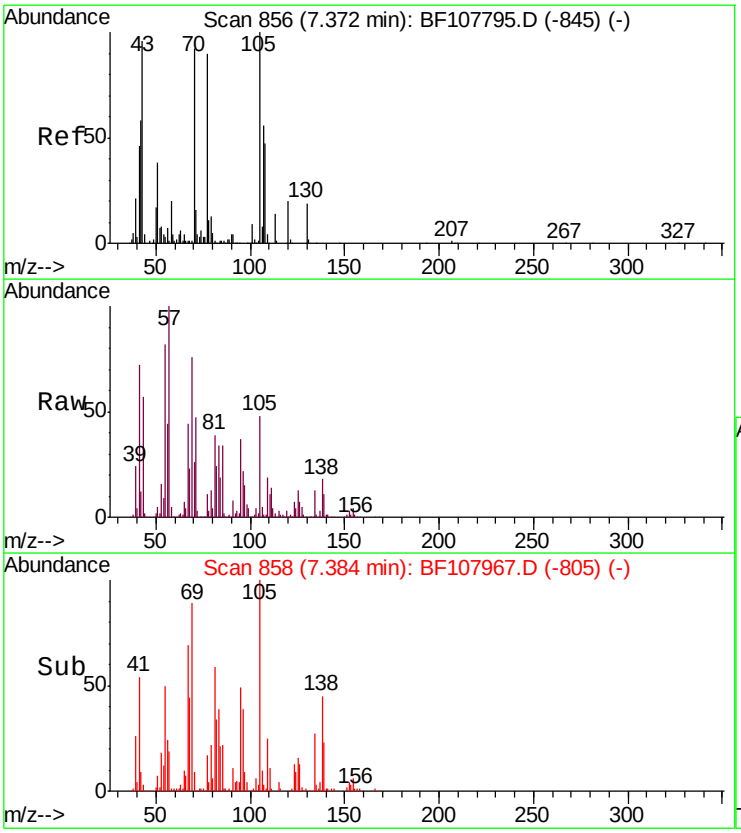
#18
Hexachloroethane
Concen: 70.374 ng
RT: 7.44 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 161484

Ion	Ratio	Lower	Upper
117	100		
119	1143.8	75.8	113.8#
201	0.0	75.7	113.5#

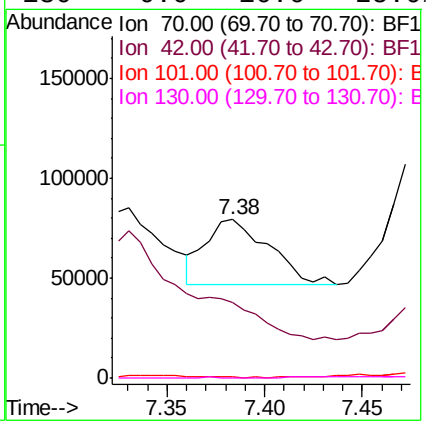


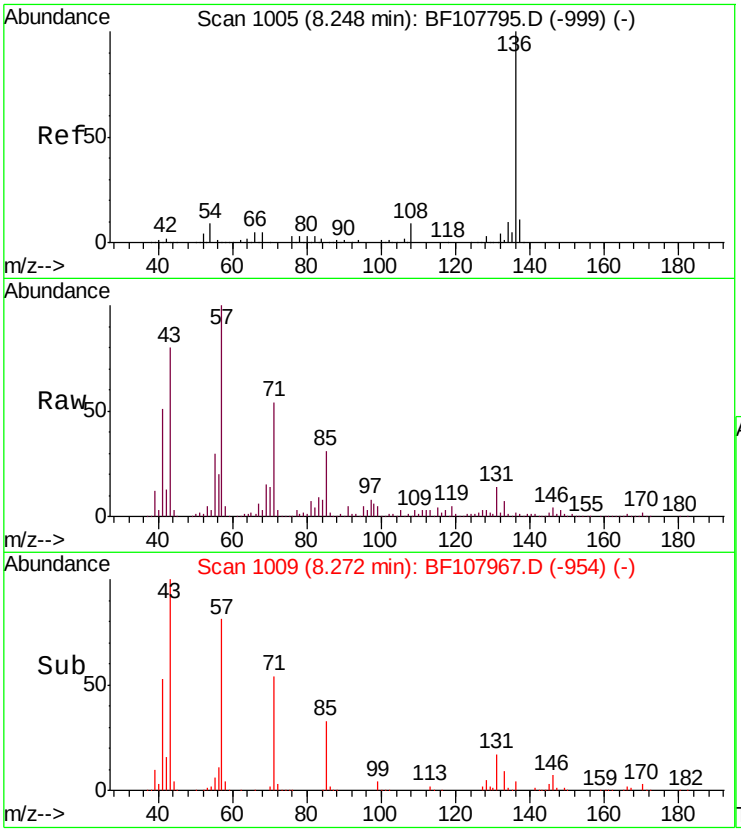


#19
n-Nitroso-di-n-propylamine
Concen: 20.157 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 70 Resp: 73357

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.5	71.3
101	0.8	7.4	11.2#
130	0.0	16.6	25.0#



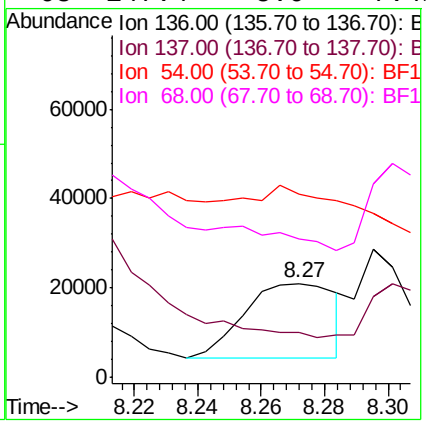


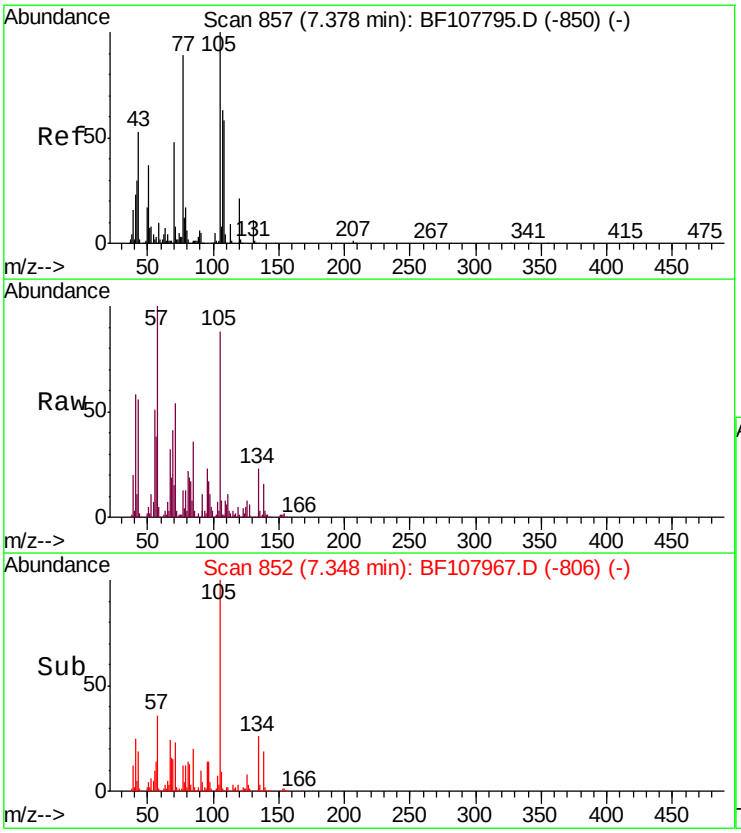
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 33248

Ion	Ratio	Lower	Upper
136	100		
137	47.3	8.9	13.3#
54	195.2	6.6	9.8#
68	147.4	5.0	7.4#

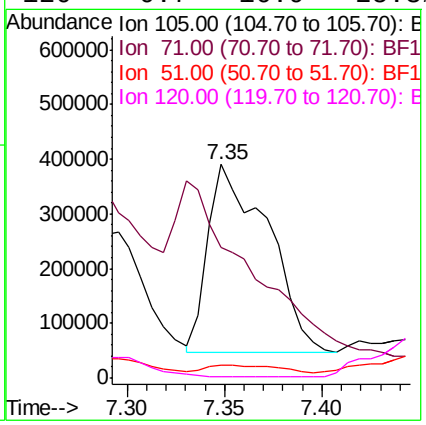


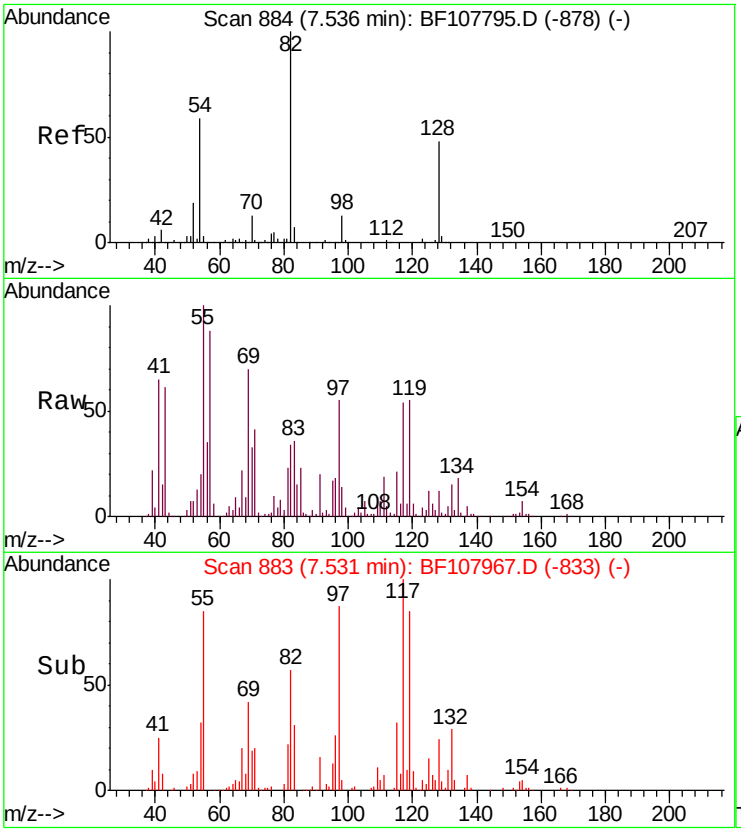


#22
Acetophenone
Concen: 914.807 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:105 Resp: 731759

Ion	Ratio	Lower	Upper
105	100		
71	61.3	4.4	6.6#
51	6.0	22.3	33.5#
120	0.7	16.9	25.3#



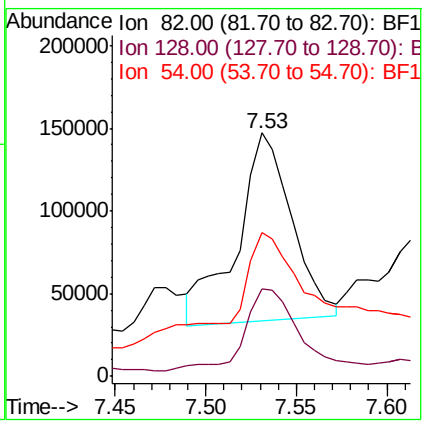


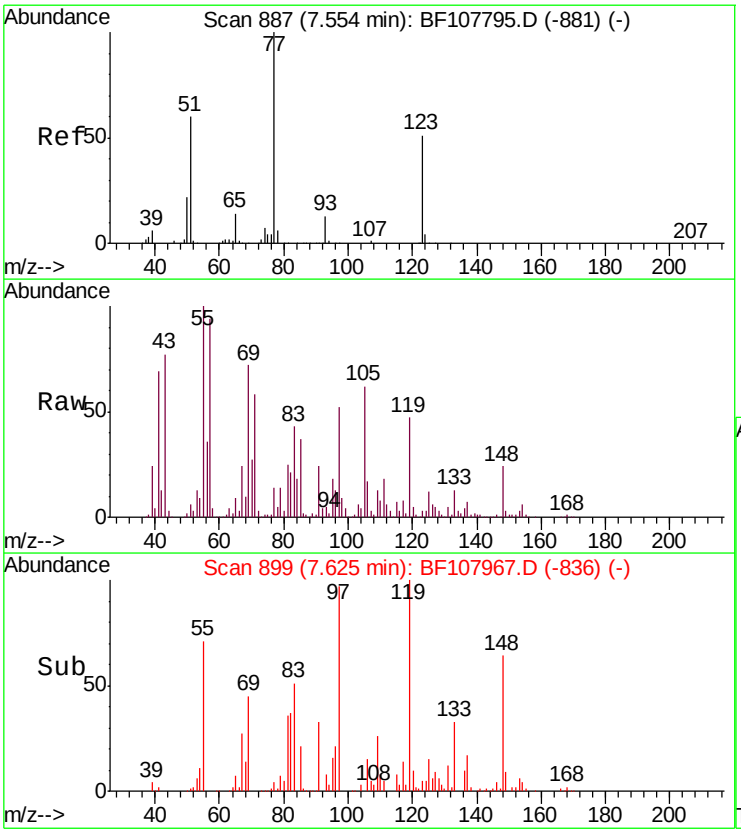
#23
Nitrobenzene-d5
Concen: 417.363 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 240868

Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	59.1	41.4	62.2

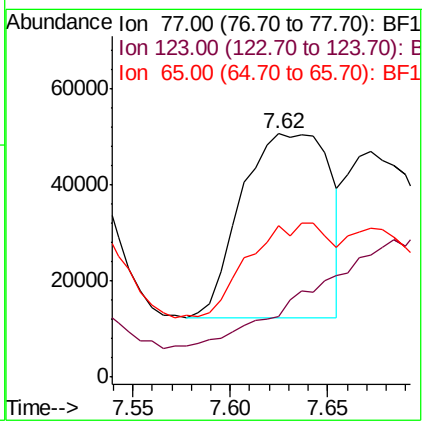


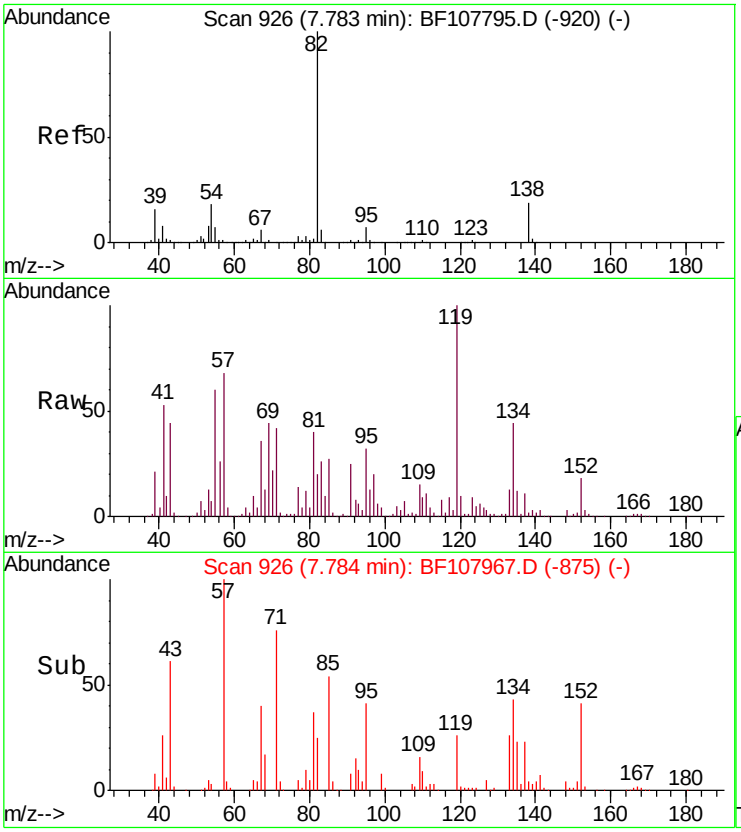


#24
Nitrobenzene
Concen: 198.388 ng
RT: 7.62 min Scan# 899
Delta R.T. 0.07 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 77 Resp: 120055

Ion	Ratio	Lower	Upper
77	100		
123	24.9	37.9	56.9#
65	62.1	11.0	16.4#



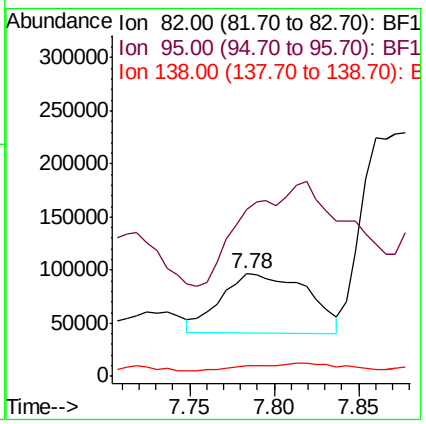


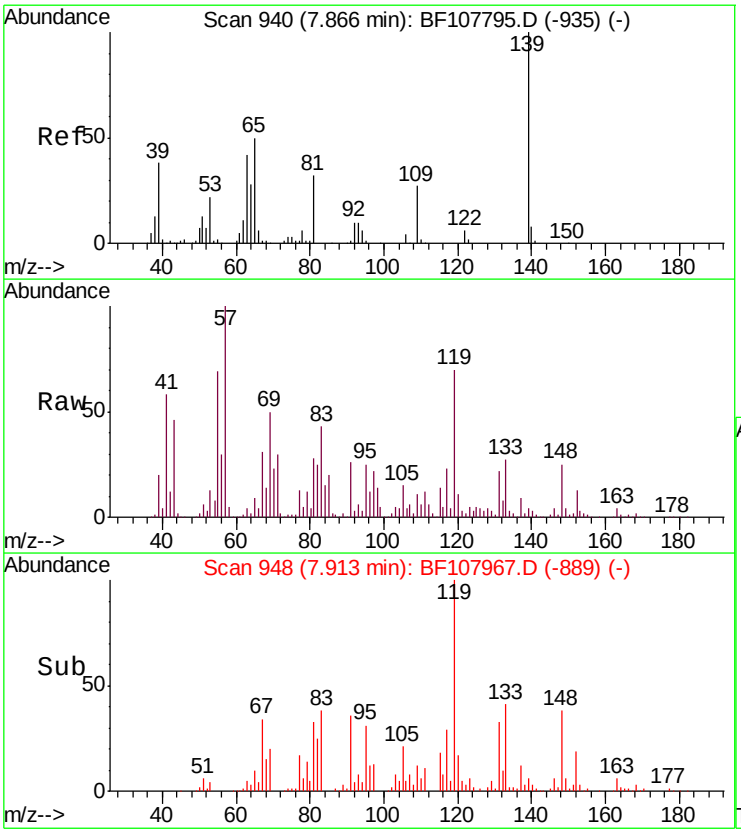
#25
Isophorone
Concen: 212.073 ng
RT: 7.78 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 200904

Ion	Ratio	Lower	Upper
82	100		
95	162.8	5.2	7.8#
138	10.0	14.9	22.3#

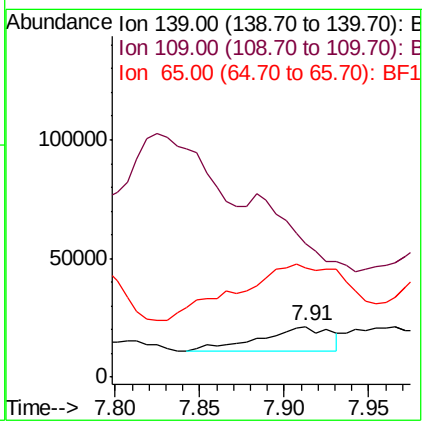


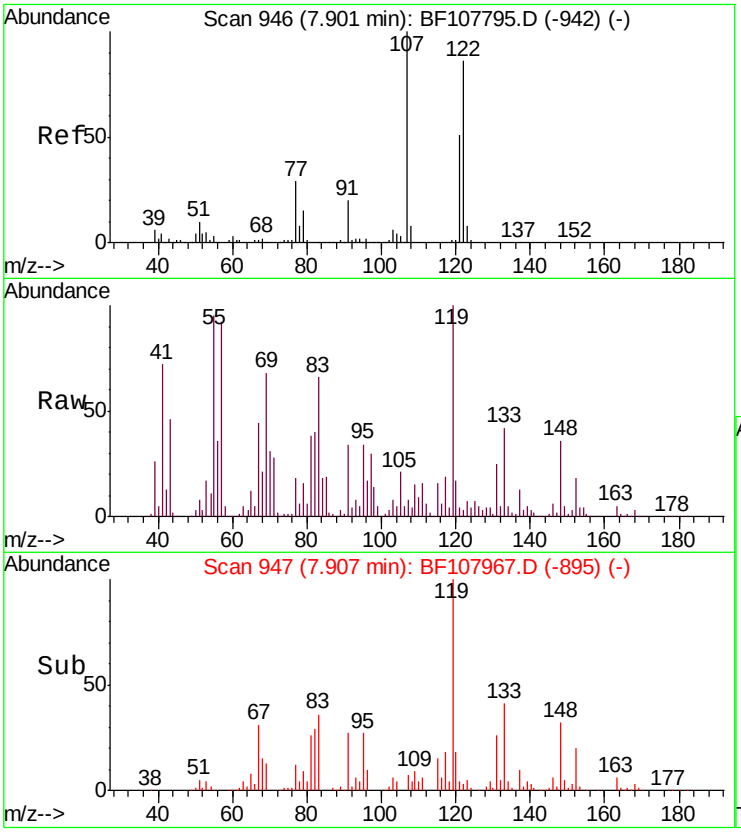


#26
2-Nitrophenol
Concen: 101.816 ng
RT: 7.91 min Scan# 948
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:139 Resp: 30922

Ion	Ratio	Lower	Upper
139	100		
109	265.2	22.7	34.1#
65	215.4	40.5	60.7#



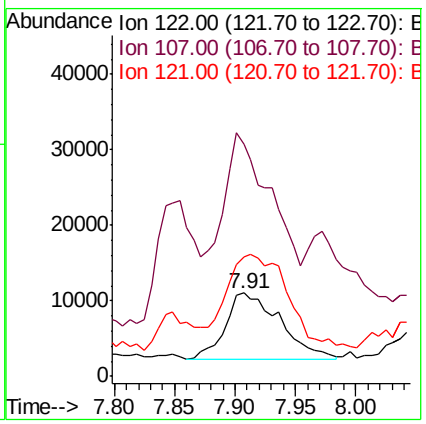


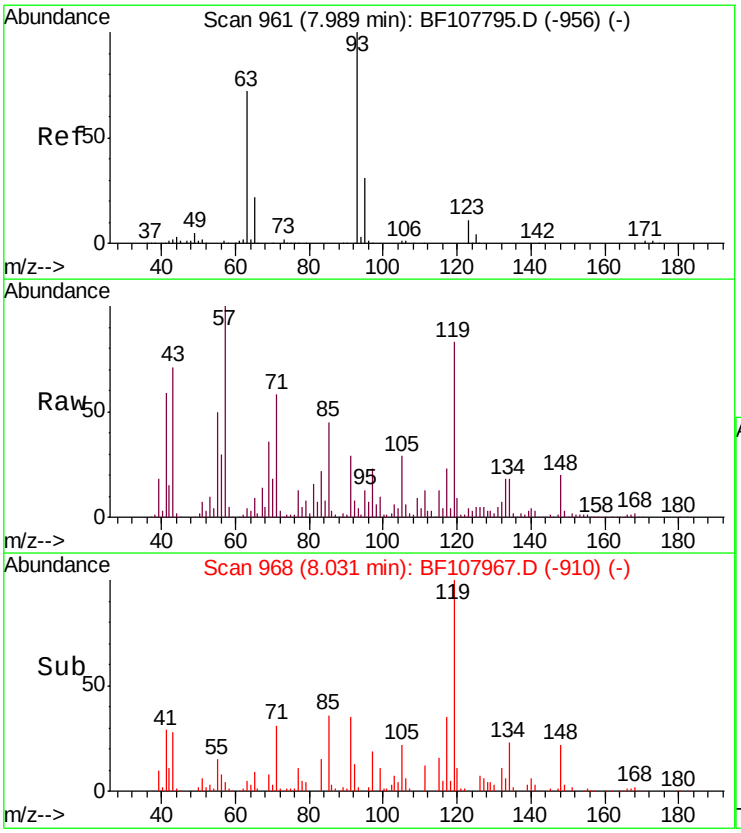
#27
2,4-Dimethylphenol
Concen: 69.216 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:122 Resp: 28144

Ion	Ratio	Lower	Upper
122	100		
107	279.1	91.2	136.8#
121	142.6	47.2	70.8#

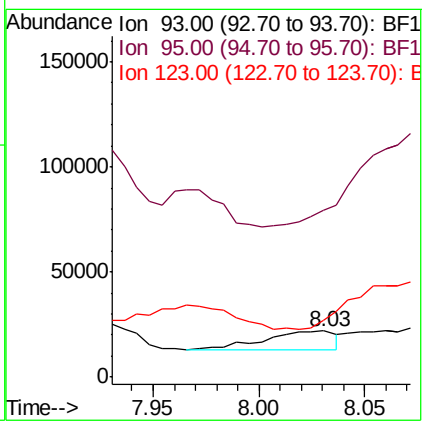


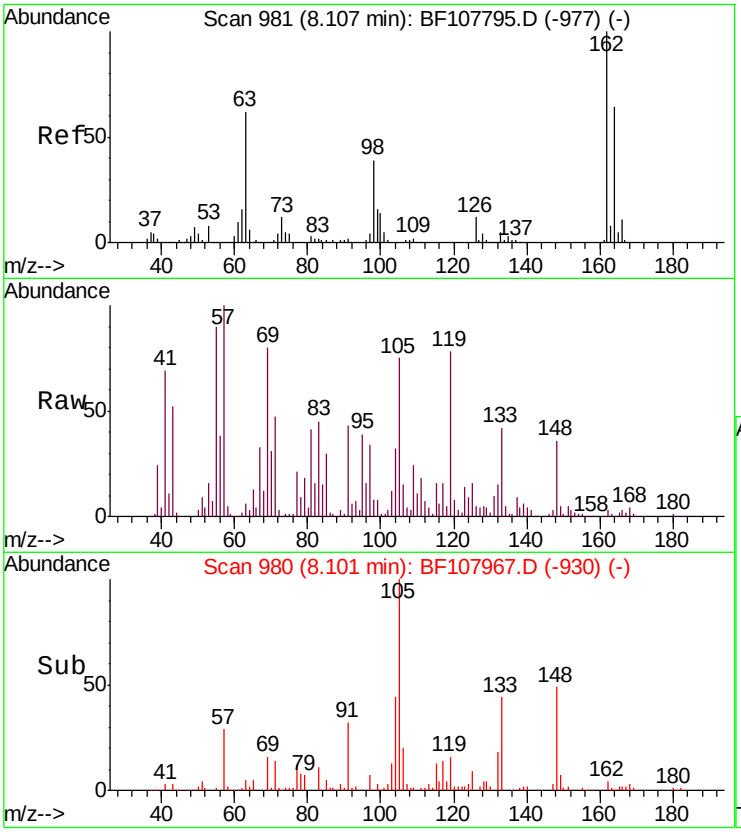


#28
bis(2-Chloroethoxy)methane
Concen: 33.389 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 93 Resp: 20845

Ion	Ratio	Lower	Upper
93	100		
95	363.0	26.3	39.5#
123	123.1	9.8	14.6#



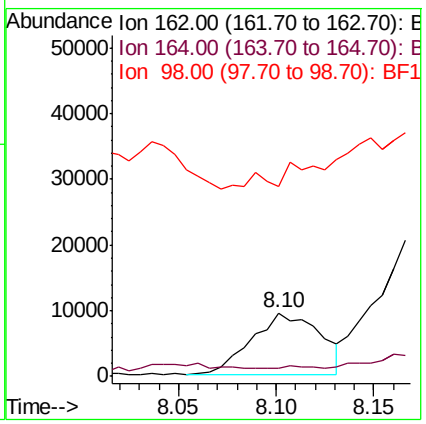


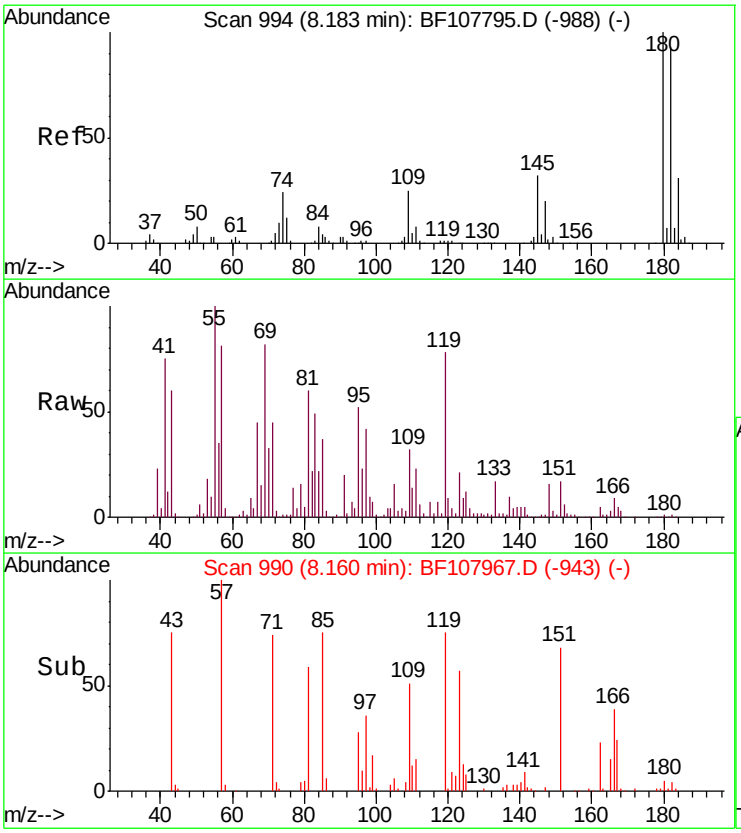
#29
2,4-Dichlorophenol
Concen: 49.451 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:162 Resp: 22744

Ion	Ratio	Lower	Upper
162	100		
164	13.7	42.7	82.7#
98	299.8	18.1	58.1#

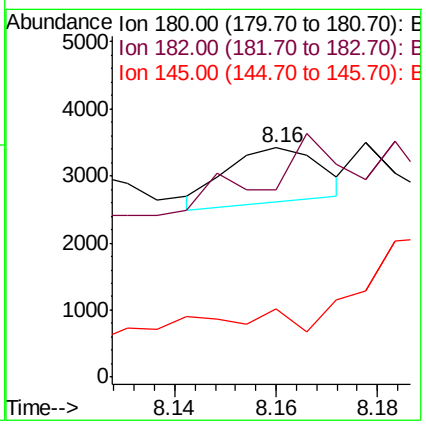


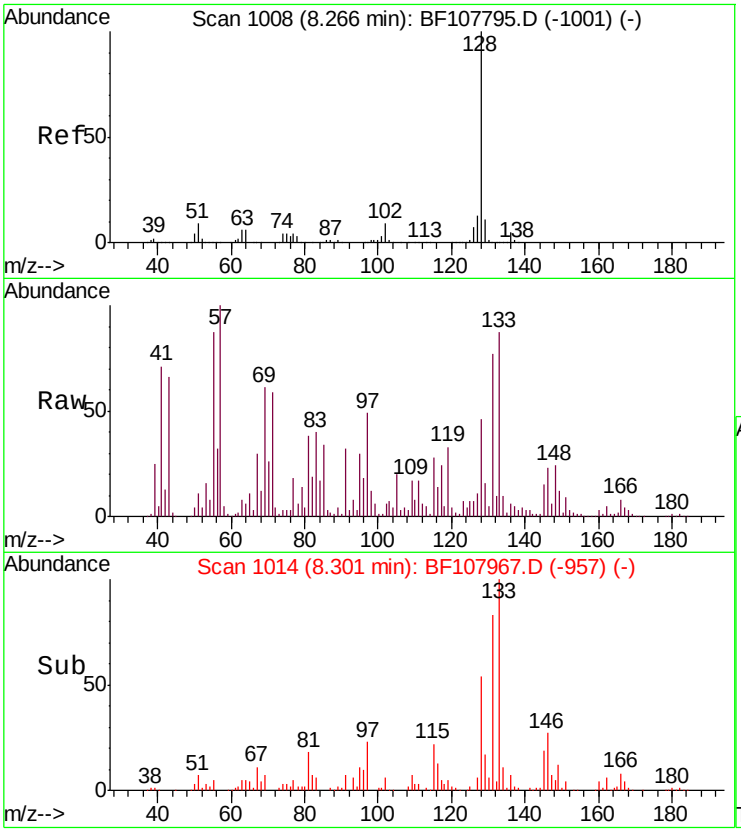


#30
1,2,4-Trichlorobenzene
Concen: 2.051 ng
RT: 8.16 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:180 Resp: 1076

Ion	Ratio	Lower	Upper
180	100		
182	81.6	76.8	115.2
145	30.0	26.5	39.7



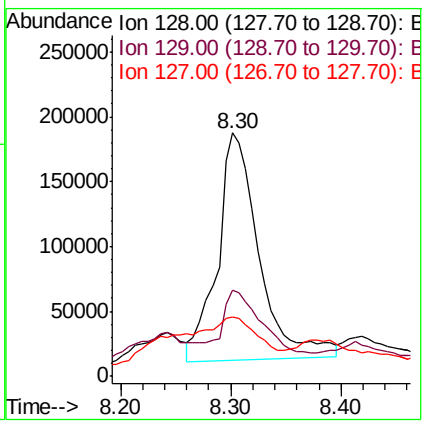


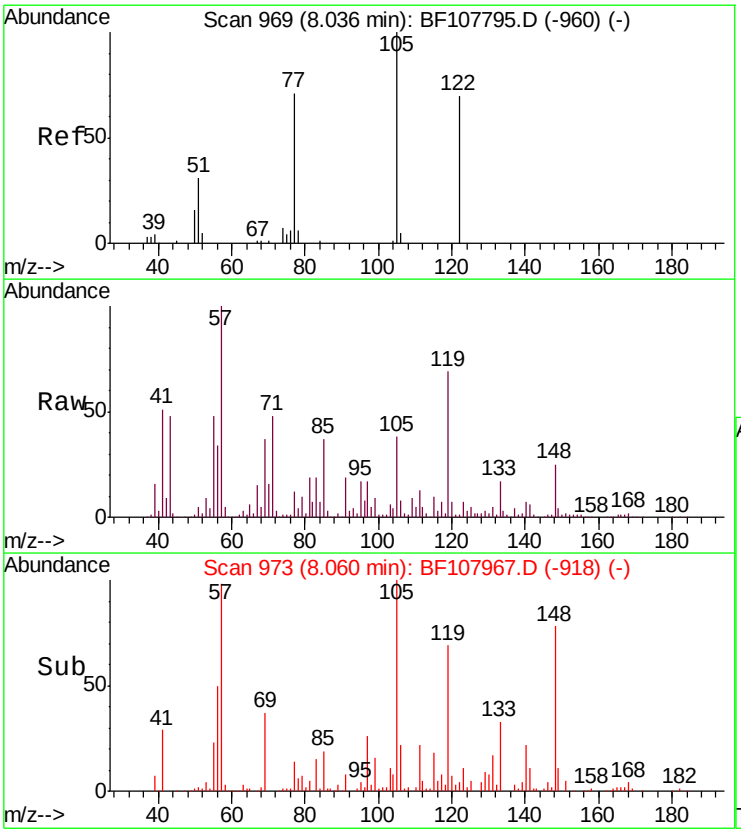
#31
Naphthalene
Concen: 296.009 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:128 Resp: 457485

Ion	Ratio	Lower	Upper
128	100		
129	35.4	8.8	13.2#
127	24.1	10.9	16.3#

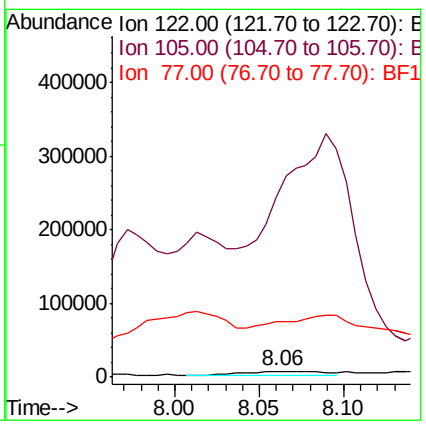


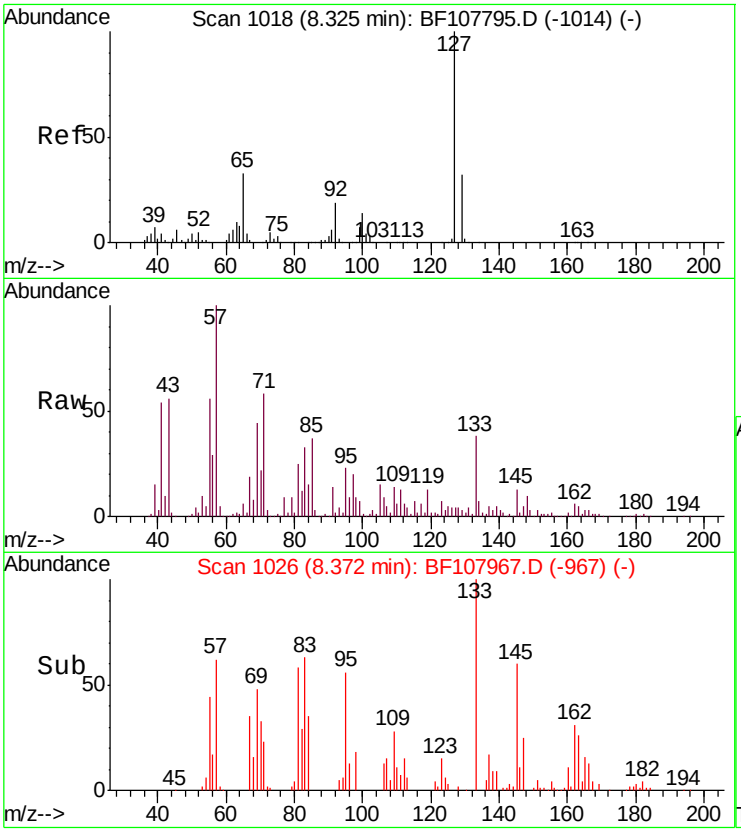


#32
Benzoic acid
Concen: 59.260 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:122 Resp: 16408

Ion	Ratio	Lower	Upper
122	100		
105	2942.6	101.1	141.1#
77	904.0	70.7	110.7#



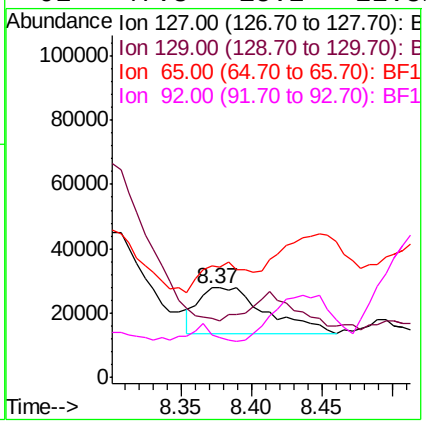


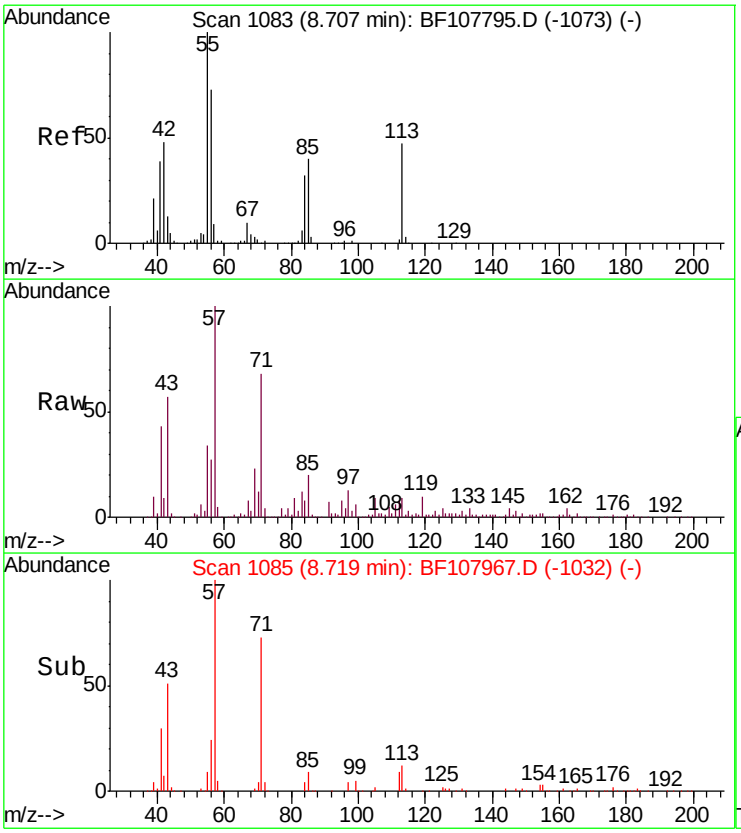
#33
4-Chloroaniline
Concen: 72.590 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:127 Resp: 47920

Ion	Ratio	Lower	Upper
127	100		
129	65.2	25.9	38.9#
65	124.8	25.0	37.4#
92	47.8	15.2	22.8#

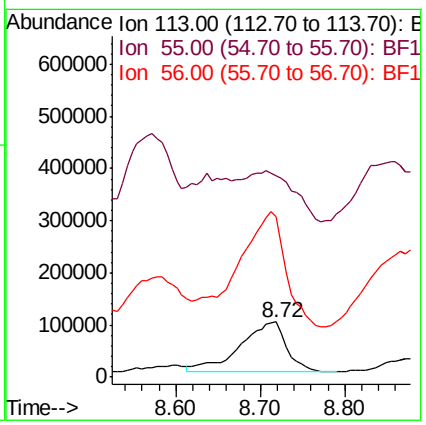


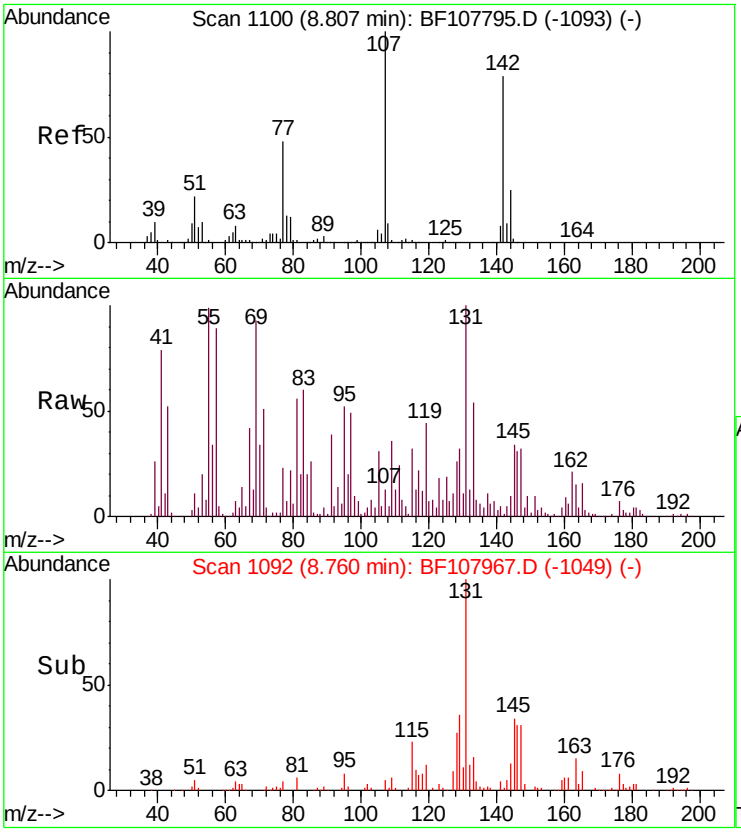


#35
Caprolactam
Concen: 2632.570 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:113 Resp: 364499

Ion	Ratio	Lower	Upper
113	100		
55	365.9	163.3	203.3#
56	291.1	115.7	155.7#



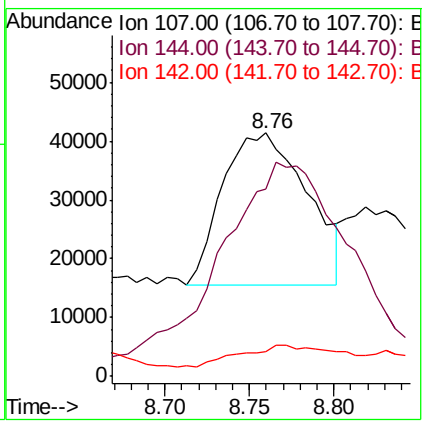


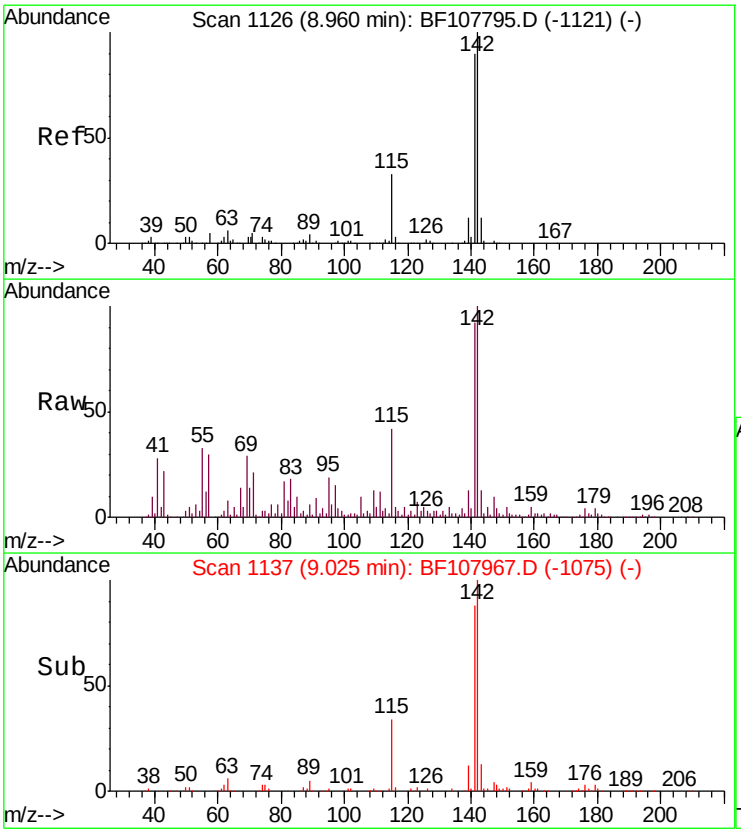
#36
4-Chloro-3-methylphenol
Concen: 179.073 ng
RT: 8.76 min Scan# 1092
Delta R.T. -0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:107 Resp: 89448

Ion	Ratio	Lower	Upper
107	100		
144	77.0	20.5	30.7#
142	10.1	62.0	93.0#

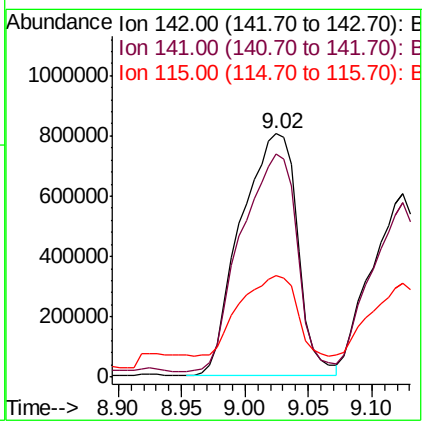


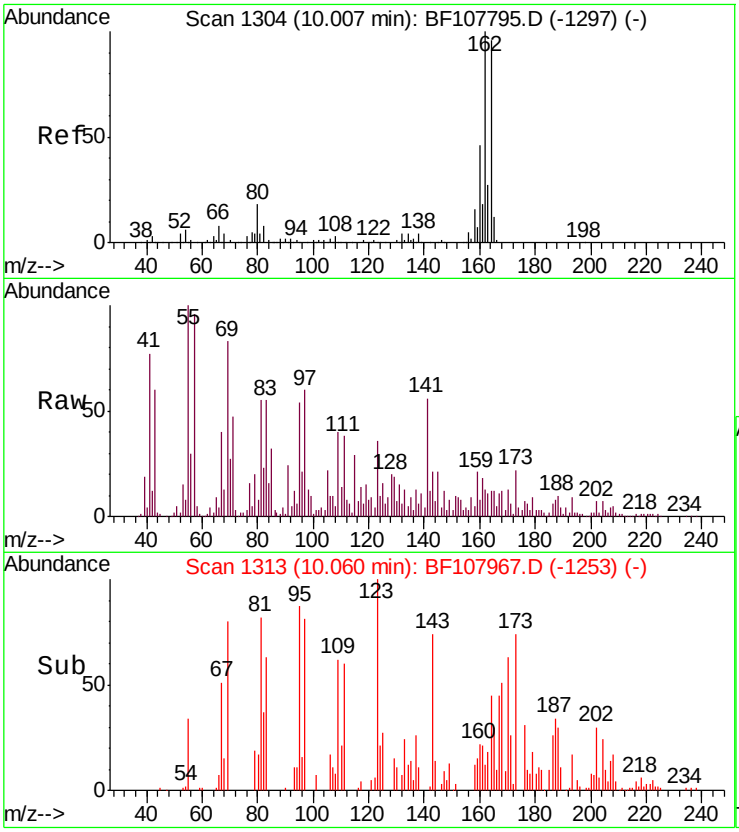


#37
2-Methylnaphthalene
Concen: 2560.684 ng
RT: 9.02 min Scan# 1137
Delta R.T. 0.06 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:142 Resp: 2485937

Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
115	41.7	26.1	39.1#



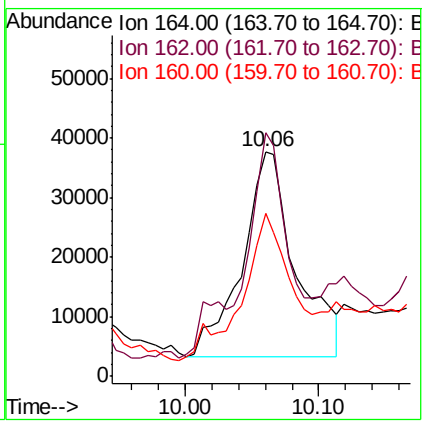


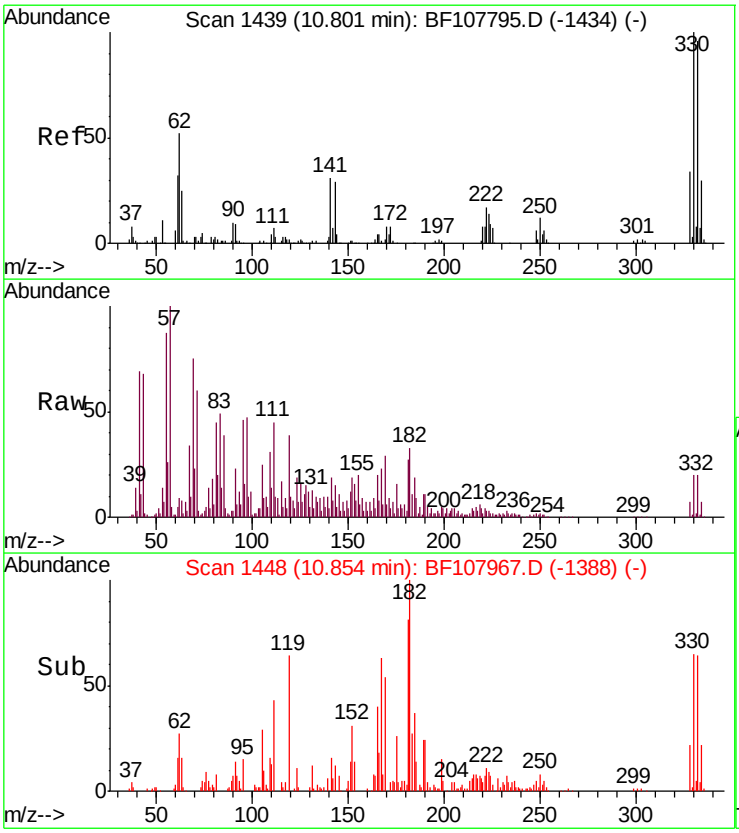
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:164 Resp: 95849

Ion	Ratio	Lower	Upper
164	100		
162	108.3	86.1	129.1
160	72.3	38.3	57.5#

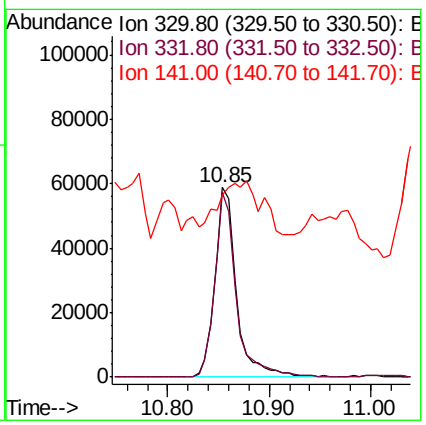


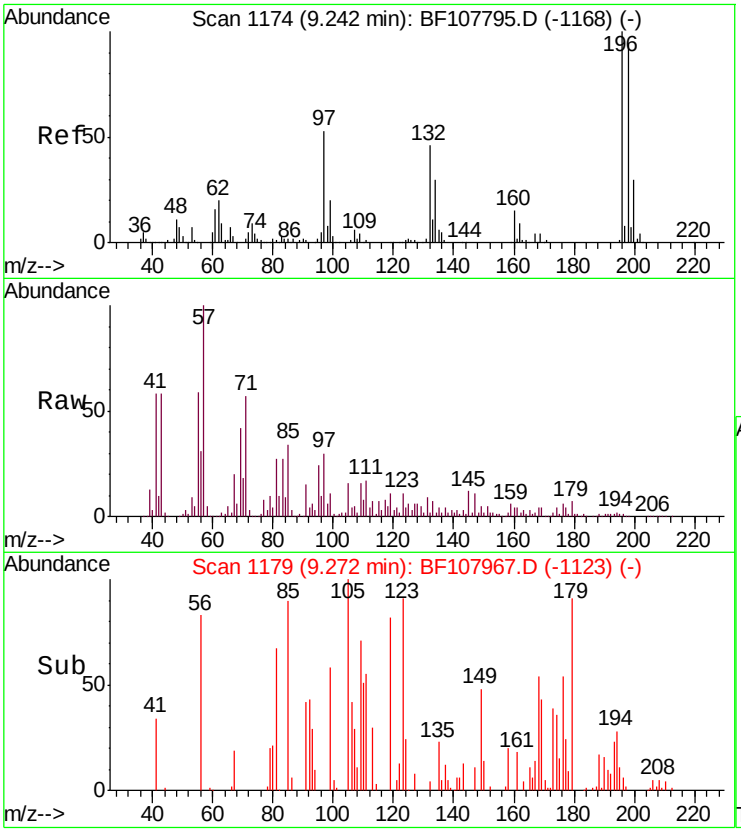


#41
2,4,6-Tribromophenol
Concen: 66.679 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:330 Resp: 86843

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	0.0	29.9	44.9#



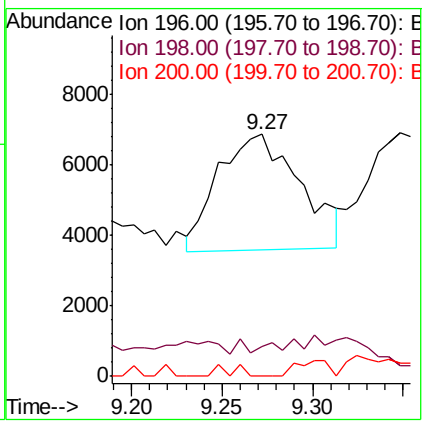


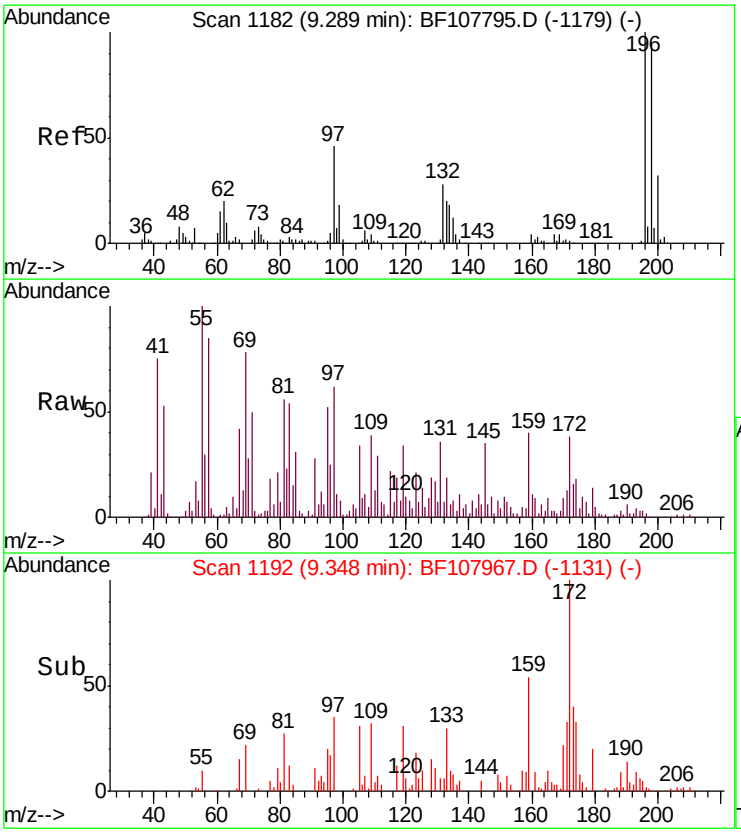
#42
2,4,6-Trichlorophenol
Concen: 5.748 ng
RT: 9.27 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:196 Resp: 10385

Ion	Ratio	Lower	Upper
196	100		
198	12.6	75.7	113.5#
200	0.0	24.5	36.7#

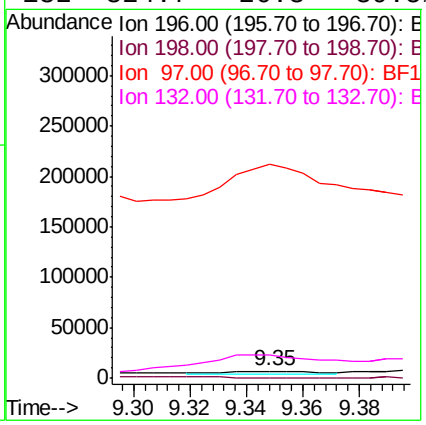


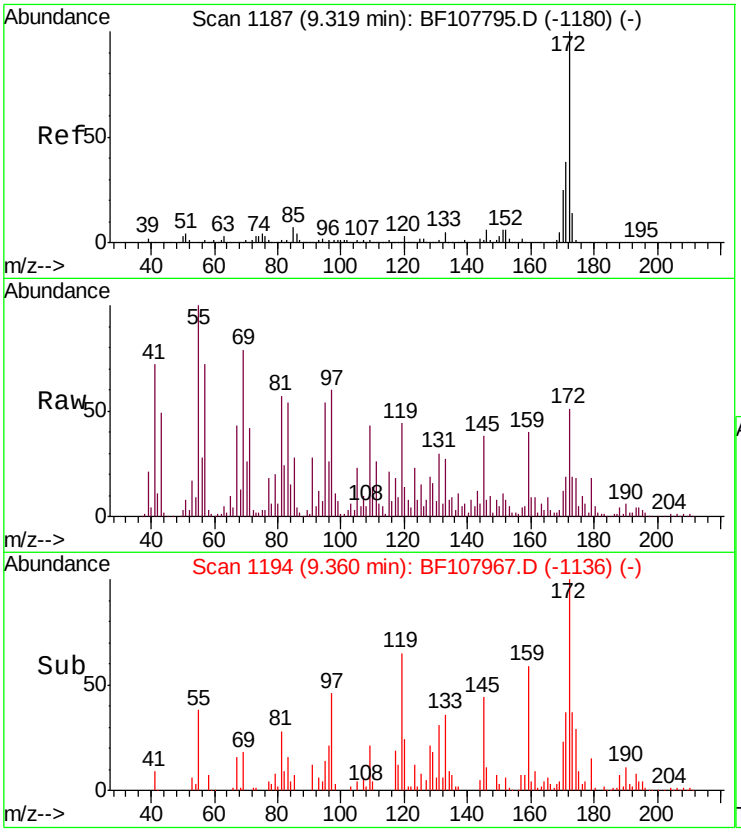


#43
2,4,5-Trichlorophenol
Concen: 3.651 ng
RT: 9.35 min Scan# 1192
Delta R.T. 0.06 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:196 Resp: 7941

Ion	Ratio	Lower	Upper
196	100		
198	4.6	74.6	112.0#
97	3064.9	42.9	64.3#
132	324.7	26.3	39.5#



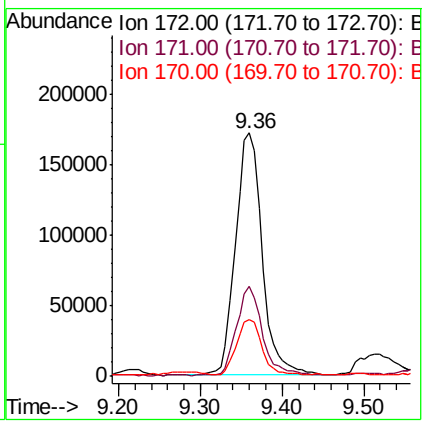


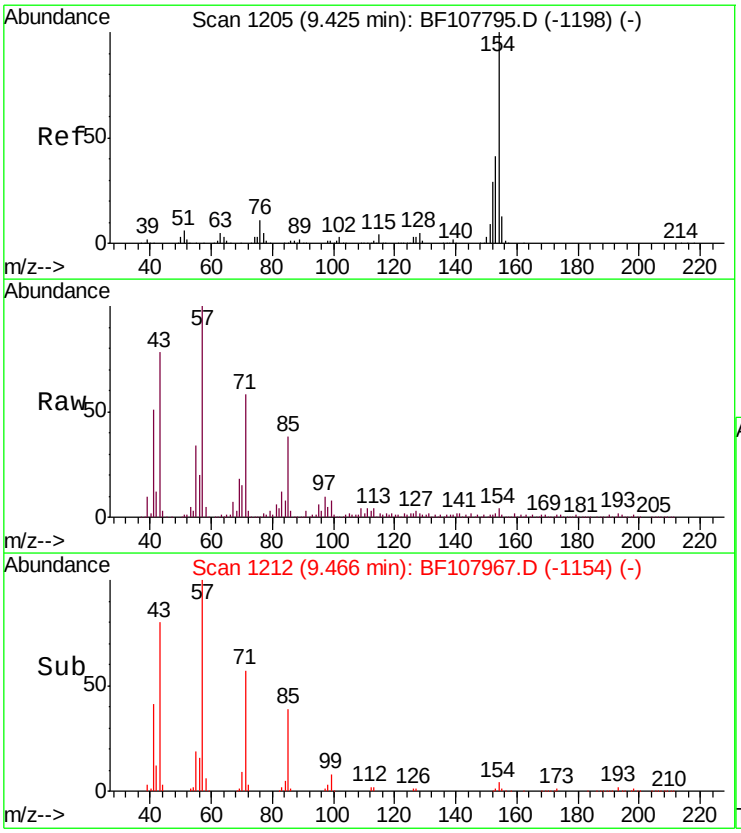
#44
2-Fluorobiphenyl
Concen: 56.909 ng
RT: 9.36 min Scan# 1194
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:172 Resp: 391437

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	23.2	19.6	29.4

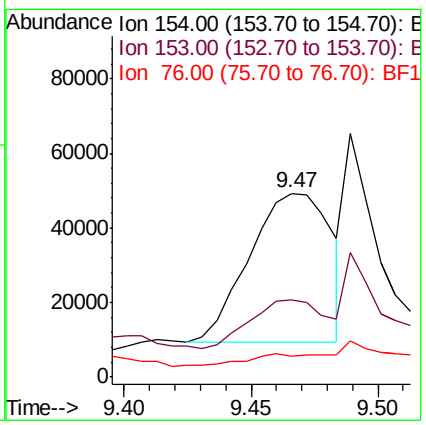


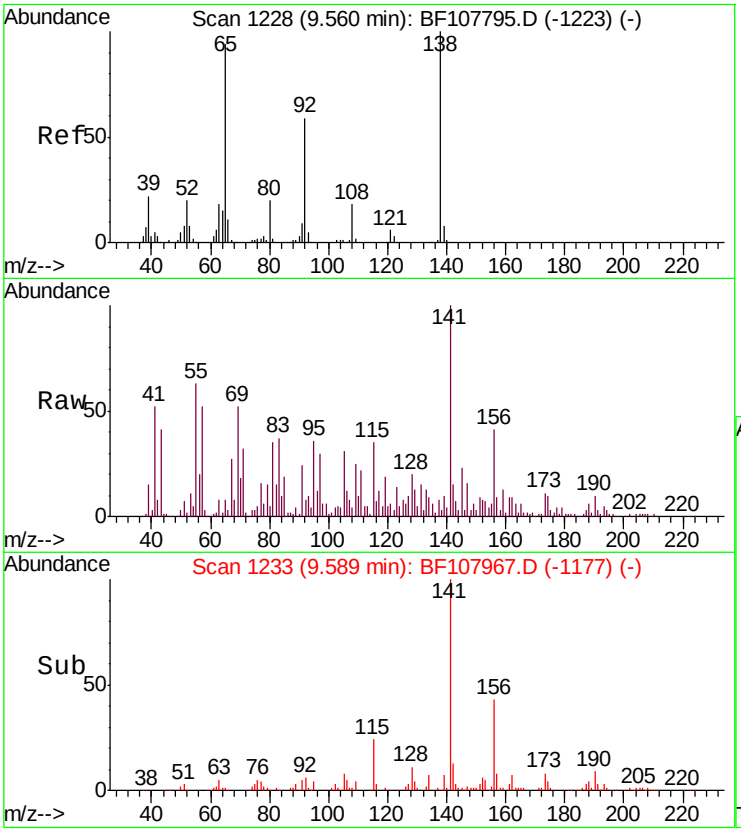


#45
1,1'-Biphenyl
Concen: 10.235 ng
RT: 9.47 min Scan# 1212
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:154 Resp: 89279

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.3	61.3
76	11.5	0.0	34.0



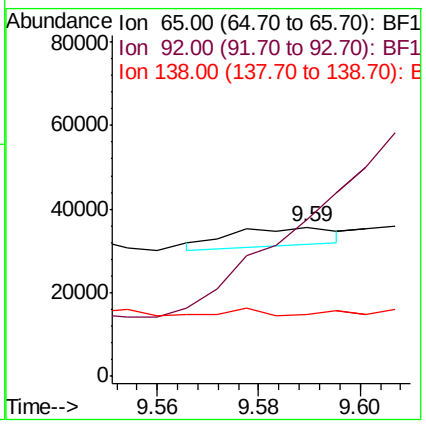


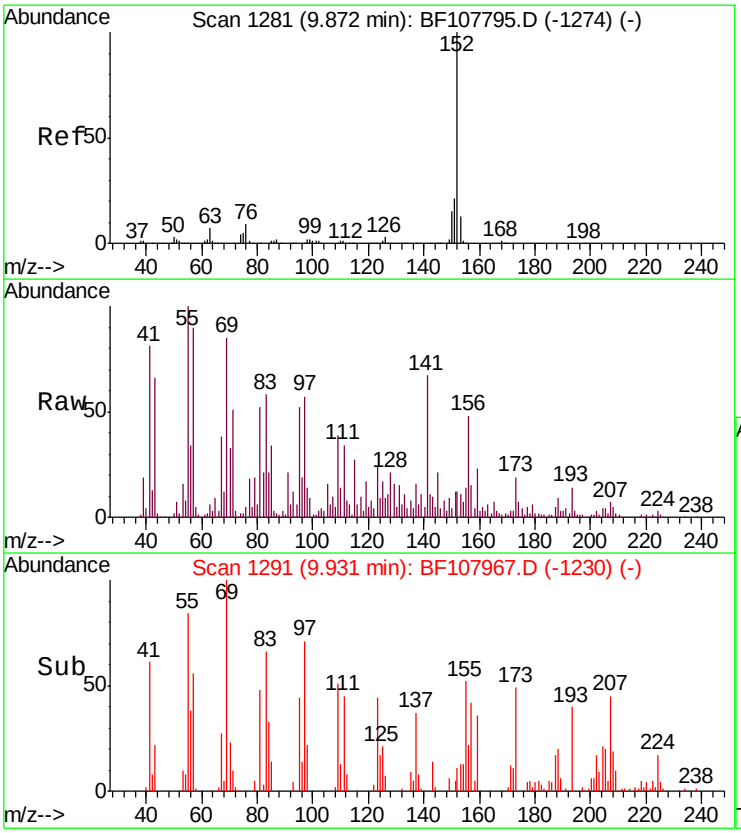
#47
2-Nitroaniline
Concen: 2.901 ng
RT: 9.59 min Scan# 1233
Delta R.T. 0.03 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 65 Resp: 6207

Ion	Ratio	Lower	Upper
65	100		
92	105.0	55.8	83.6#
138	41.6	91.2	136.8#

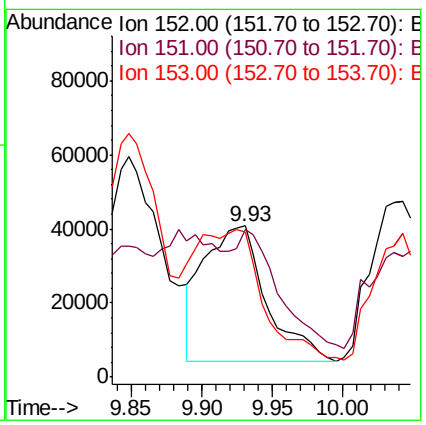


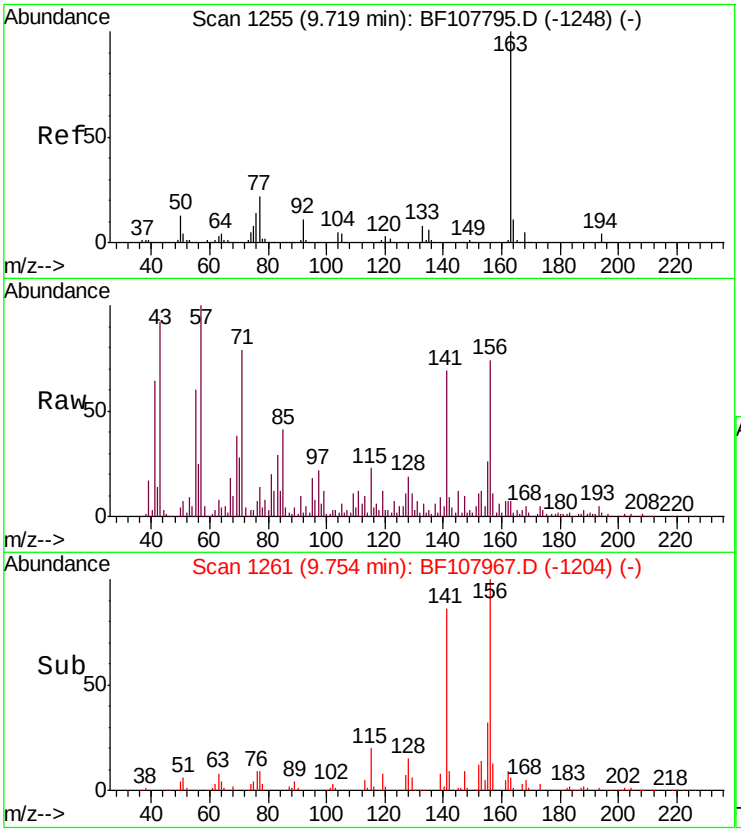


#48
Acenaphthylene
Concen: 11.072 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.06 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:152 Resp: 112908

Ion	Ratio	Lower	Upper
152	100		
151	97.5	16.3	24.5#
153	95.7	10.7	16.1#



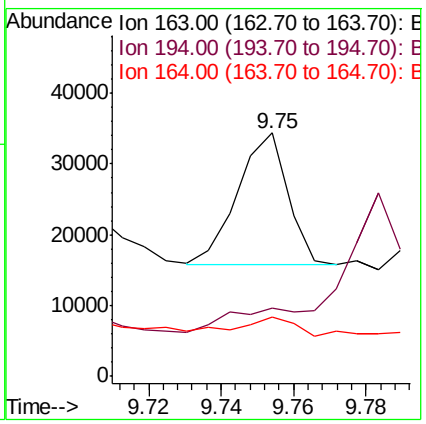


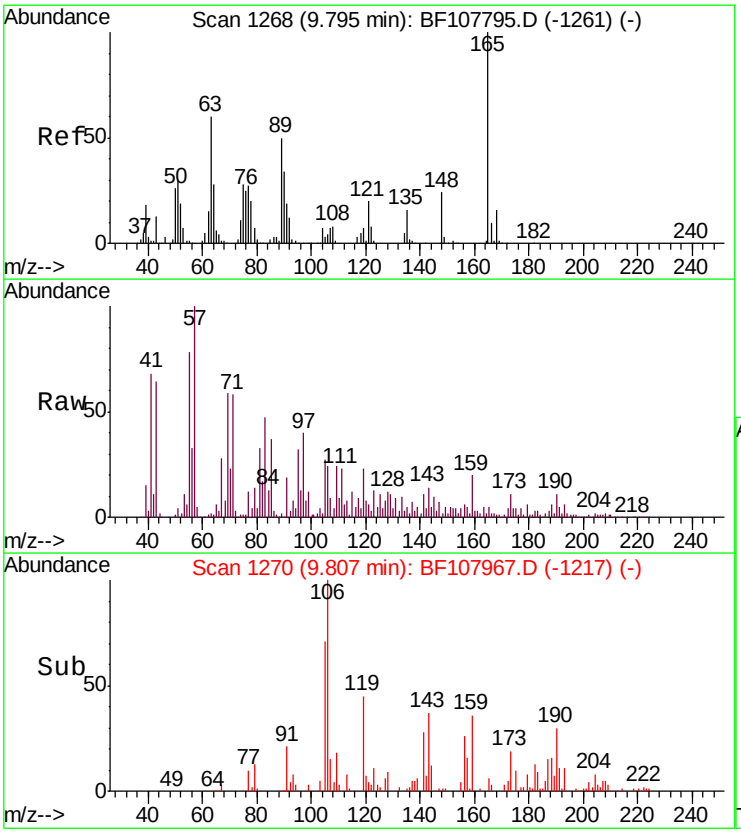
#49
Dimethylphthalate
Concen: 2.460 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:163 Resp: 17711

Ion	Ratio	Lower	Upper
163	100		
194	28.2	2.7	4.1#
164	24.5	8.2	12.2#

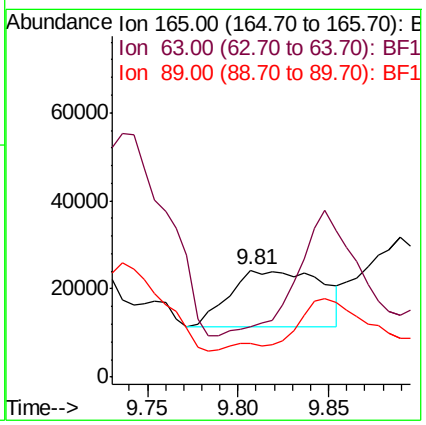


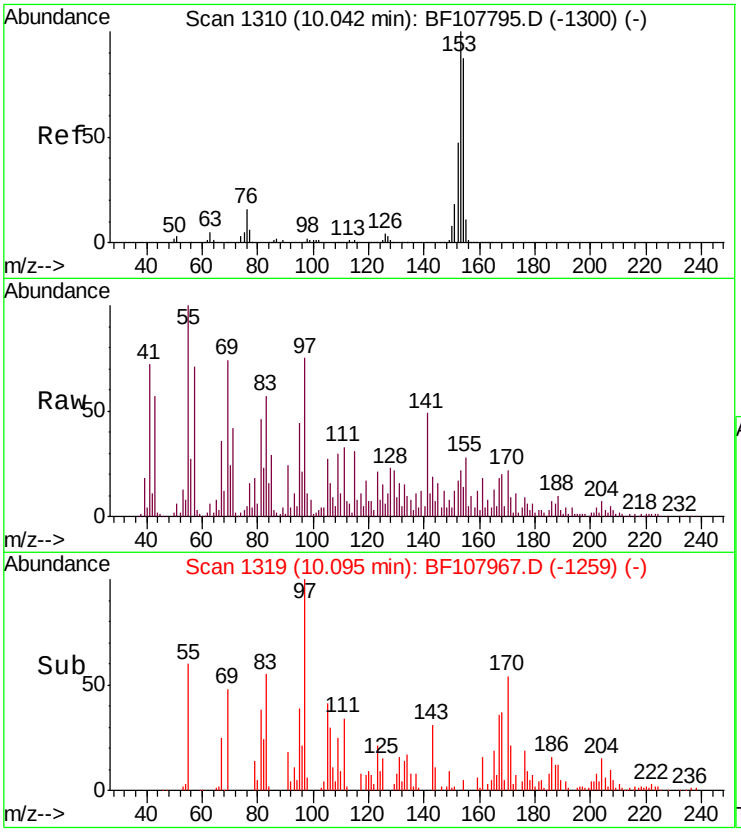


#50
2,6-Dinitrotoluene
Concen: 29.654 ng
RT: 9.81 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:165 Resp: 46389

Ion	Ratio	Lower	Upper
165	100		
63	46.9	44.7	67.1
89	31.2	44.0	66.0#



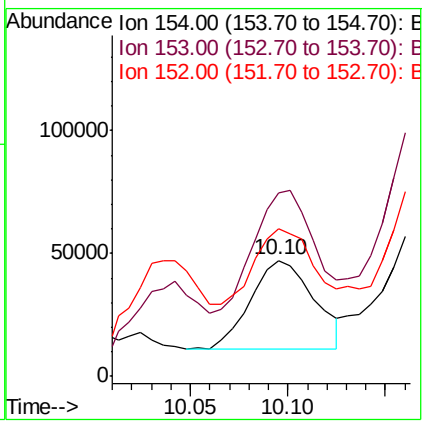


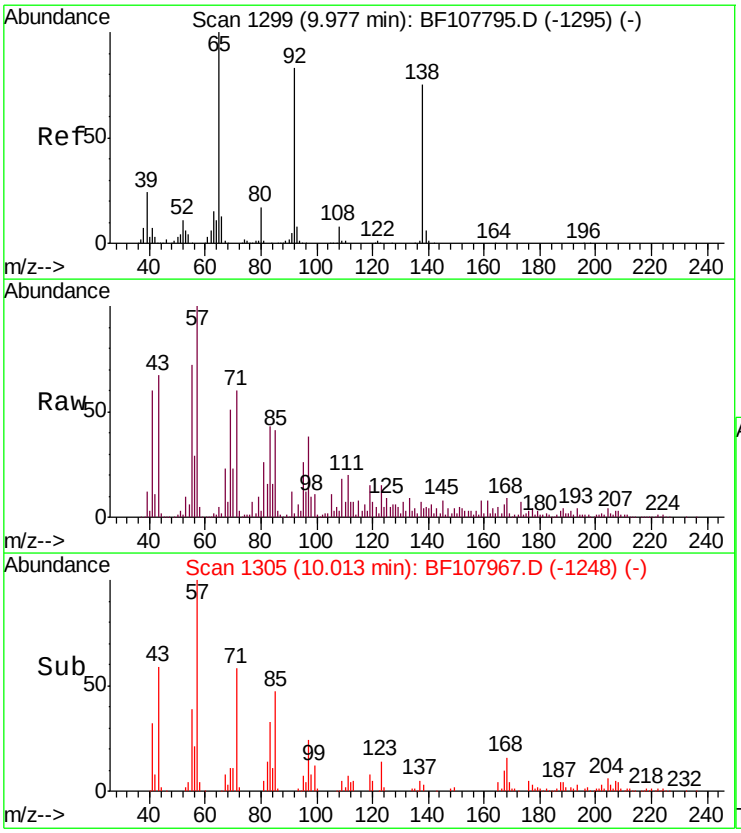
#51
Acenaphthene
Concen: 13.759 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:154 Resp: 81508

Ion	Ratio	Lower	Upper
154	100		
153	158.6	91.2	136.8#
152	126.9	43.8	65.8#

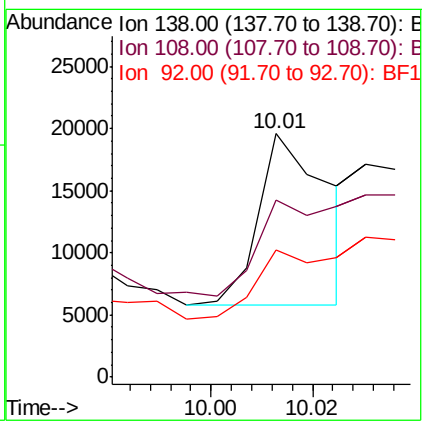


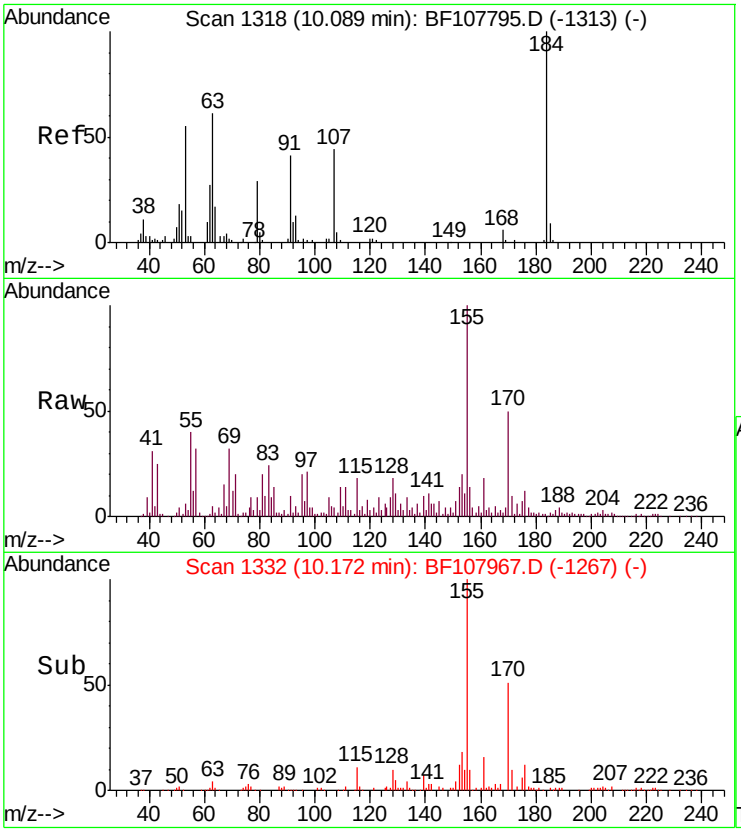


#52
3-Nitroaniline
Concen: 6.657 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:138 Resp: 13122

Ion	Ratio	Lower	Upper
138	100		
108	72.8	9.4	14.0#
92	52.4	89.4	134.2#



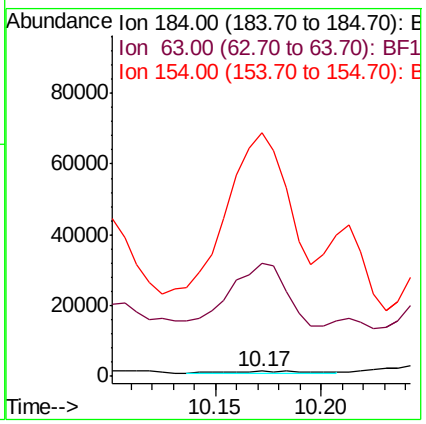


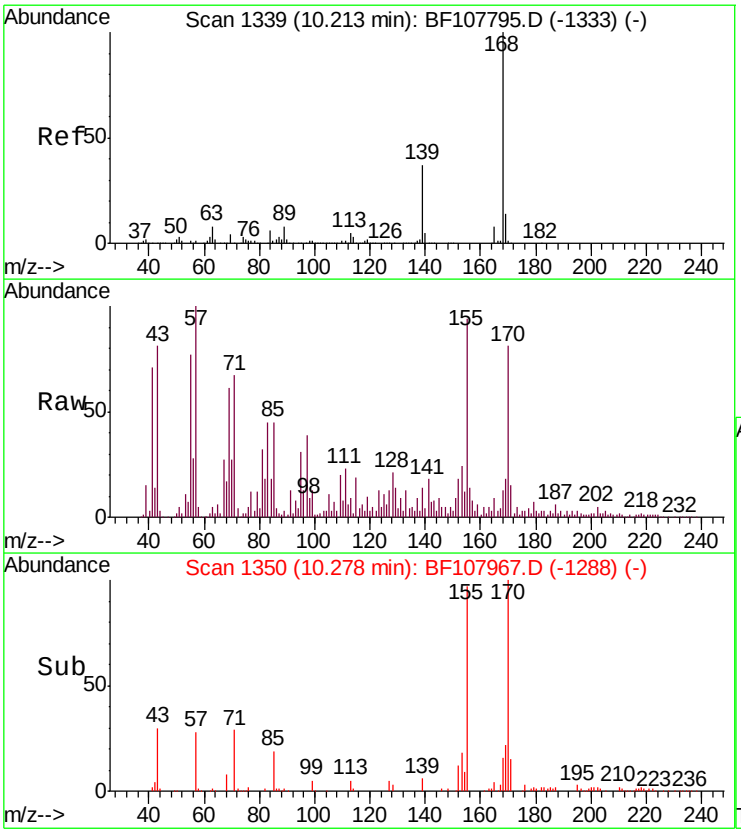
#53
2,4-Dinitrophenol
Concen: 10.543 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.08 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:184 Resp: 1938

Ion	Ratio	Lower	Upper
184	100		
63	2121.6	54.2	81.2#
154	4578.0	184.0	276.0#

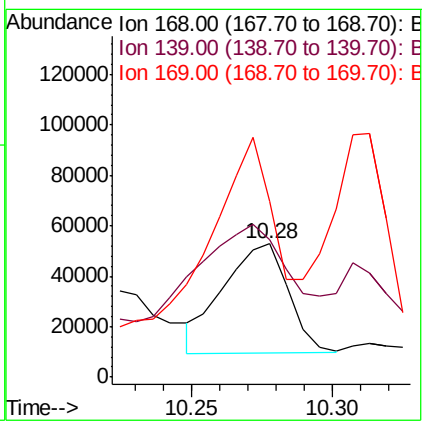


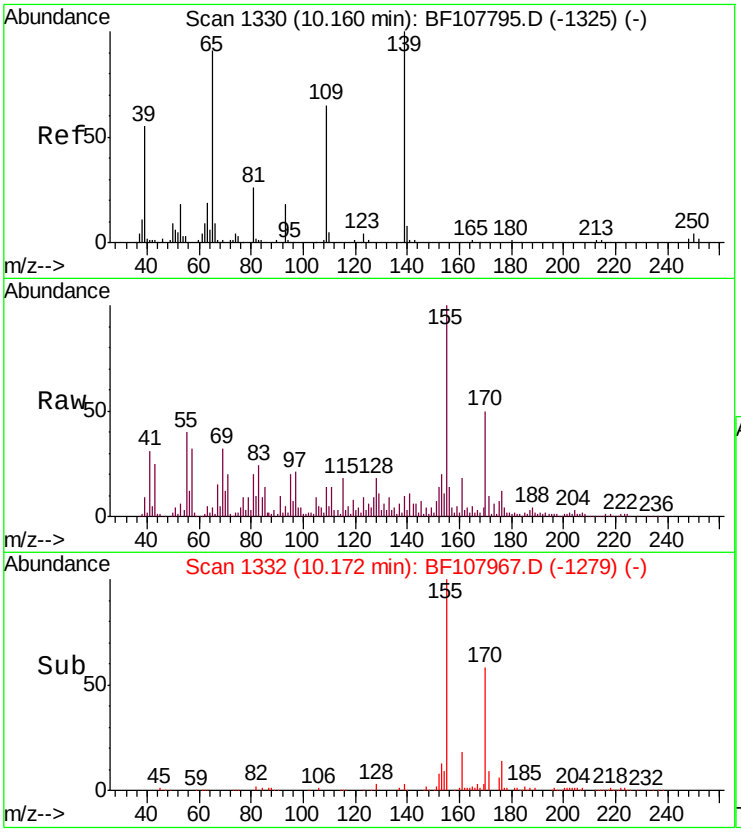


#54
Dibenzofuran
Concen: 7.547 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.06 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:168 Resp: 69104

Ion	Ratio	Lower	Upper
168	100		
139	103.4	30.1	45.1#
169	132.3	10.9	16.3#



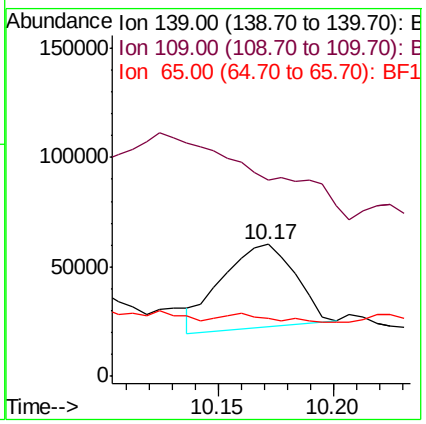


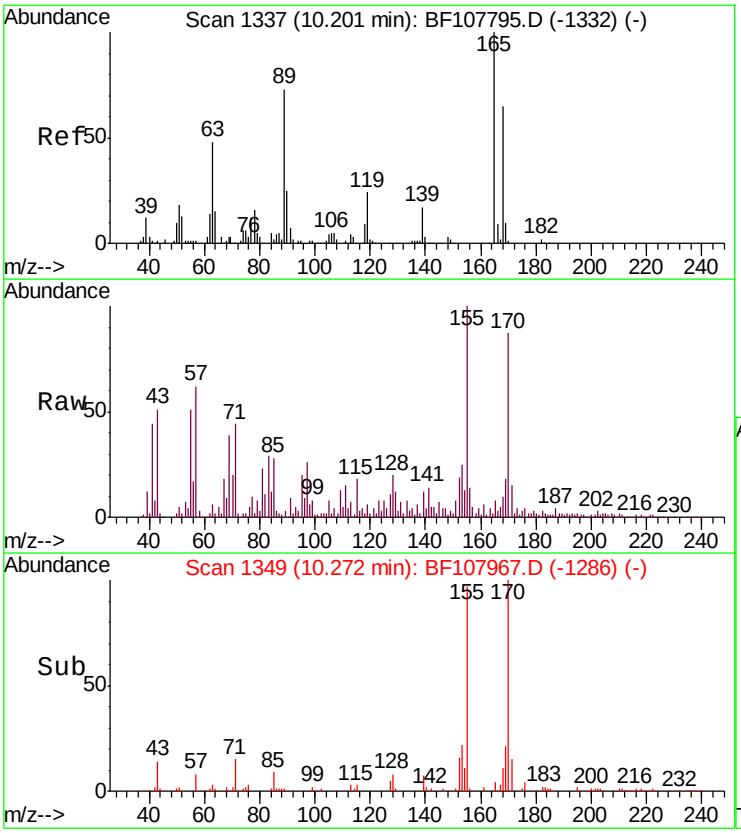
#55
4-Nitrophenol
Concen: 88.667 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:139 Resp: 83320

Ion	Ratio	Lower	Upper
139	100		
109	148.9	48.4	88.4#
65	44.3	72.6	112.6#

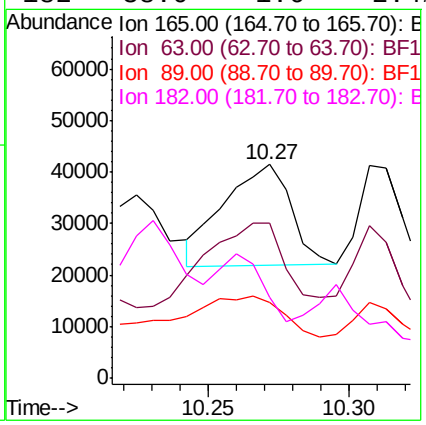


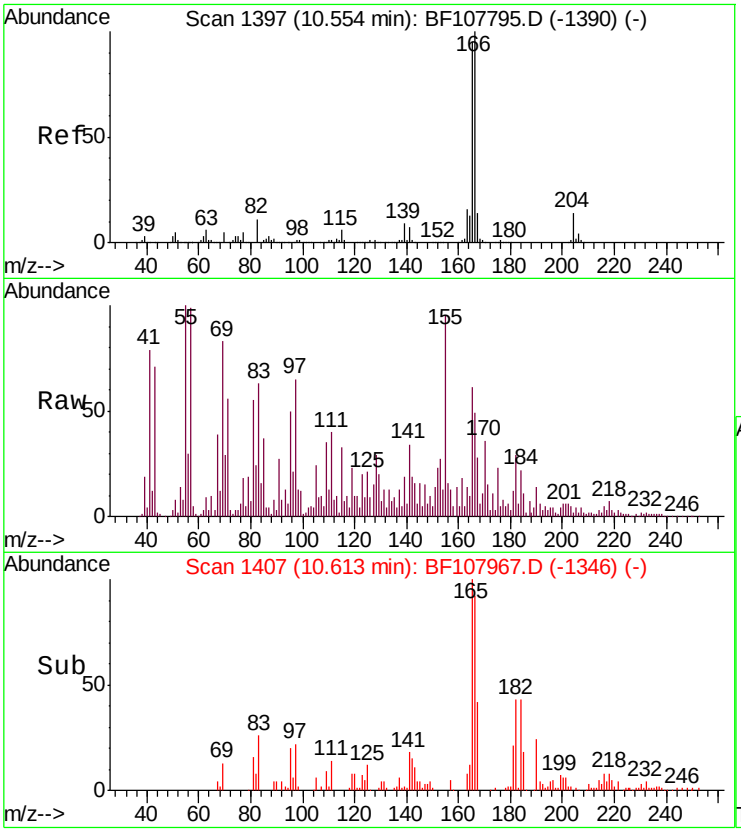


#56
2,4-Dinitrotoluene
Concen: 15.807 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.07 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:165 Resp: 32500

Ion	Ratio	Lower	Upper
165	100		
63	72.5	36.4	54.6#
89	35.7	57.8	86.6#
182	38.0	1.6	2.4#



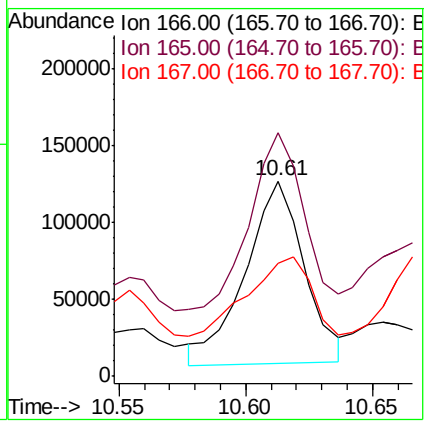


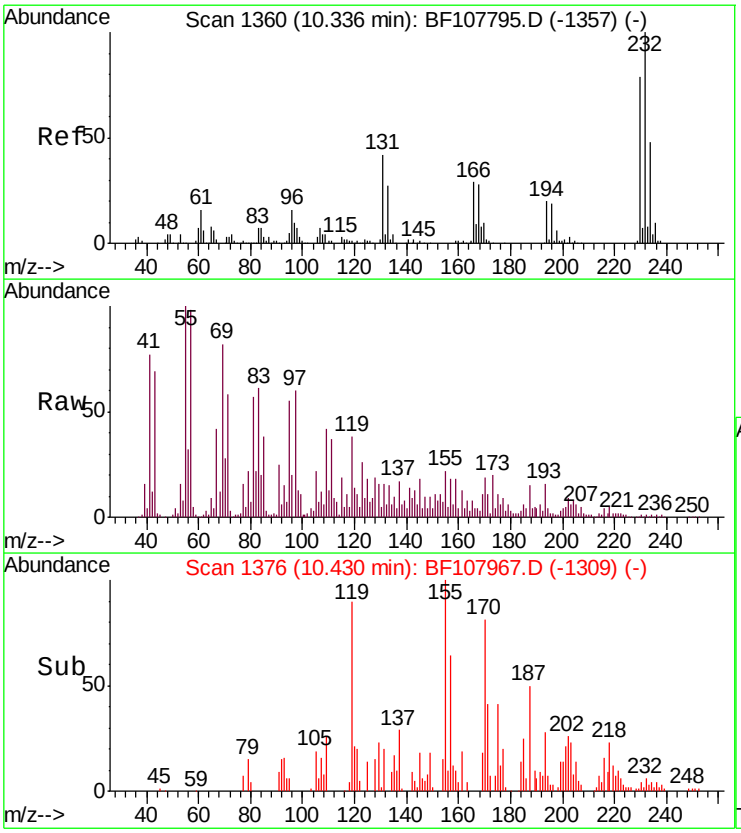
#57
Fluorene
Concen: 26.956 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.06 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:166 Resp: 191812

Ion	Ratio	Lower	Upper
166	100		
165	124.5	79.8	119.8#
167	57.9	10.6	16.0#

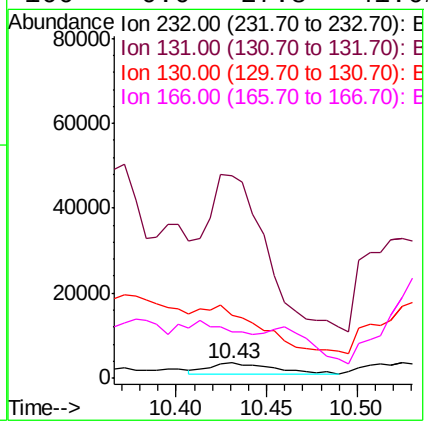


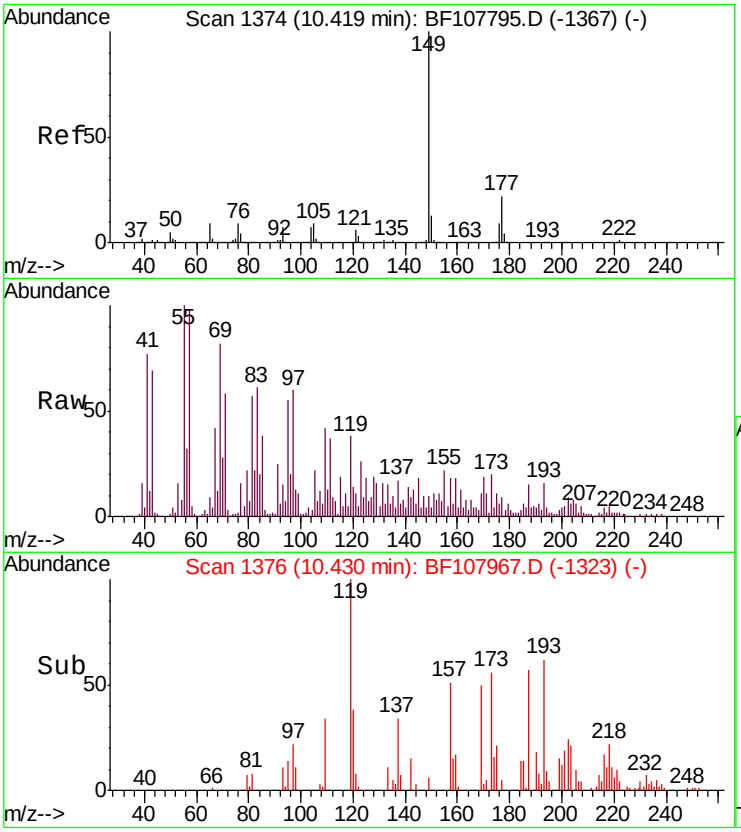


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.104 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.09 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:232 Resp: 6201

Ion	Ratio	Lower	Upper
232	100		
131	1296.0	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#



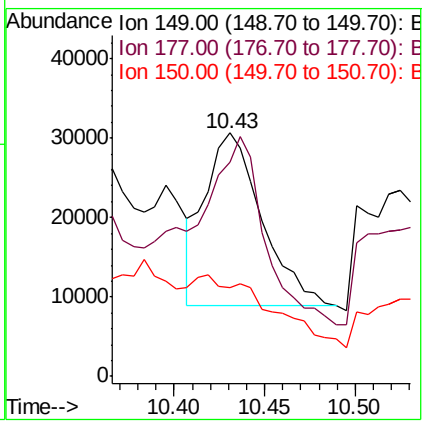


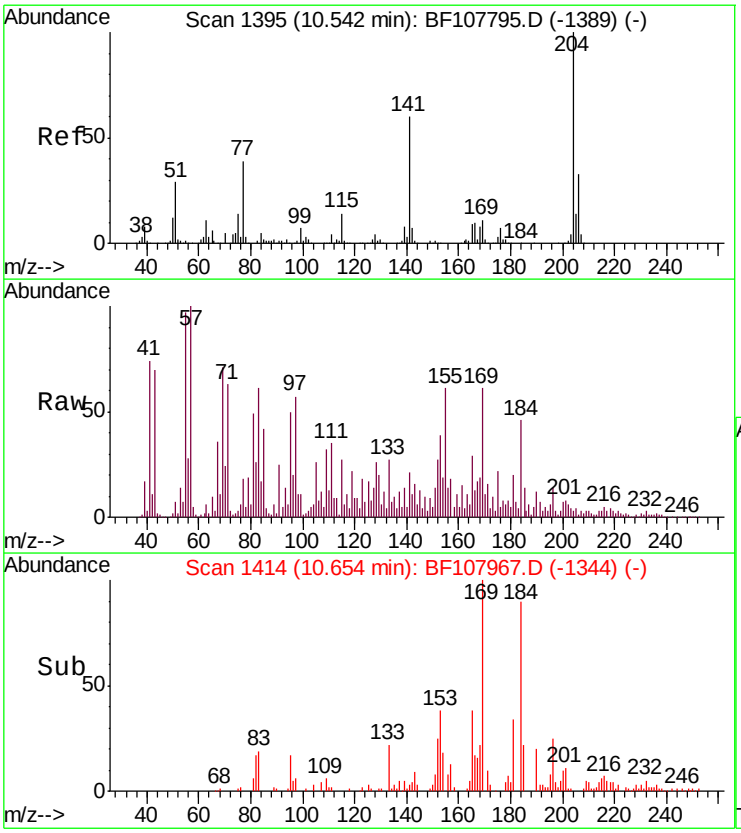
#59
Diethylphthalate
Concen: 6.096 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:149 Resp: 47181

Ion	Ratio	Lower	Upper
149	100		
177	87.9	16.1	24.1#
150	36.7	10.1	15.1#

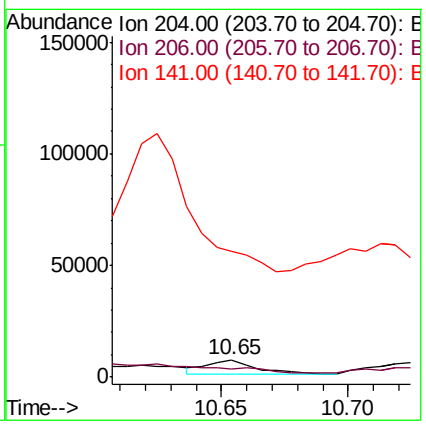


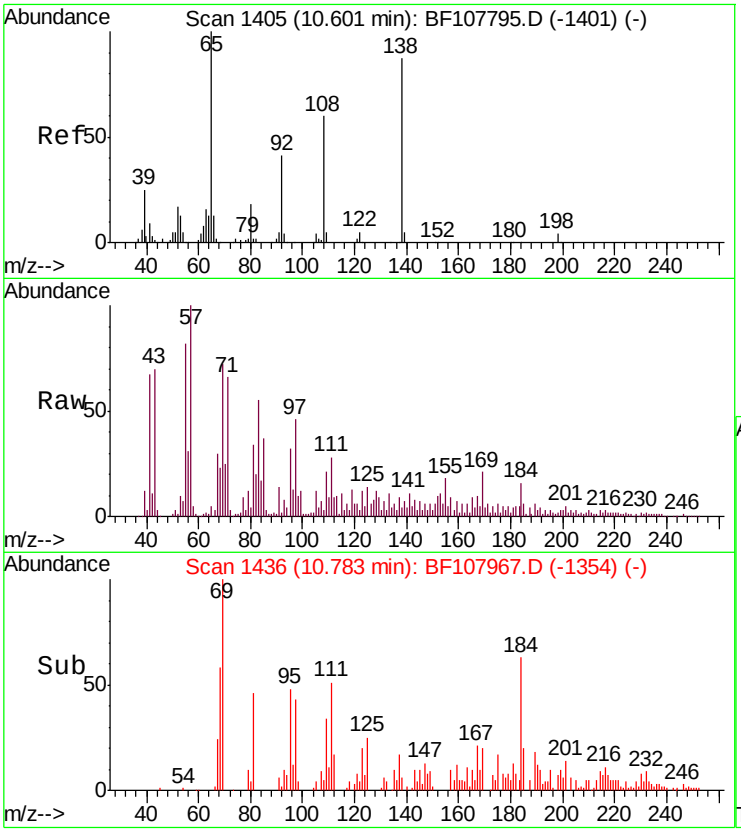


#60
4-Chlorophenyl-phenylether
Concen: 2.057 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.11 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:204 Resp: 7975

Ion	Ratio	Lower	Upper
204	100		
206	47.5	26.5	39.7#
141	717.9	54.6	81.8#



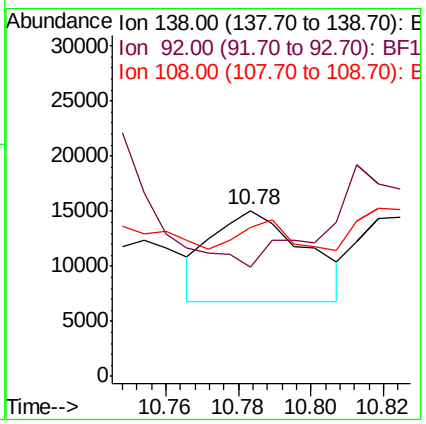


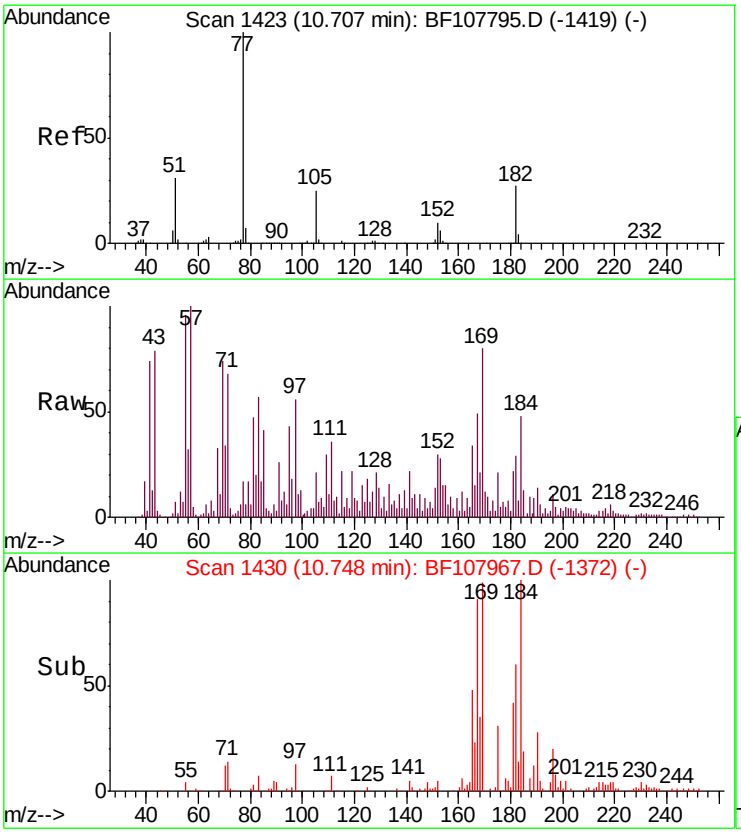
#61
4-Nitroaniline
Concen: 8.423 ng
RT: 10.78 min Scan# 1436
Delta R.T. 0.18 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:138 Resp: 14734

Ion	Ratio	Lower	Upper
138	100		
92	65.9	30.2	70.2
108	89.8	52.5	92.5

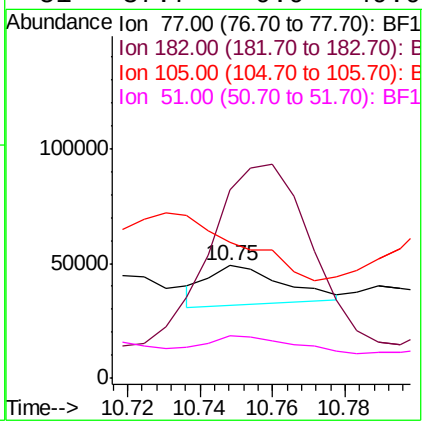


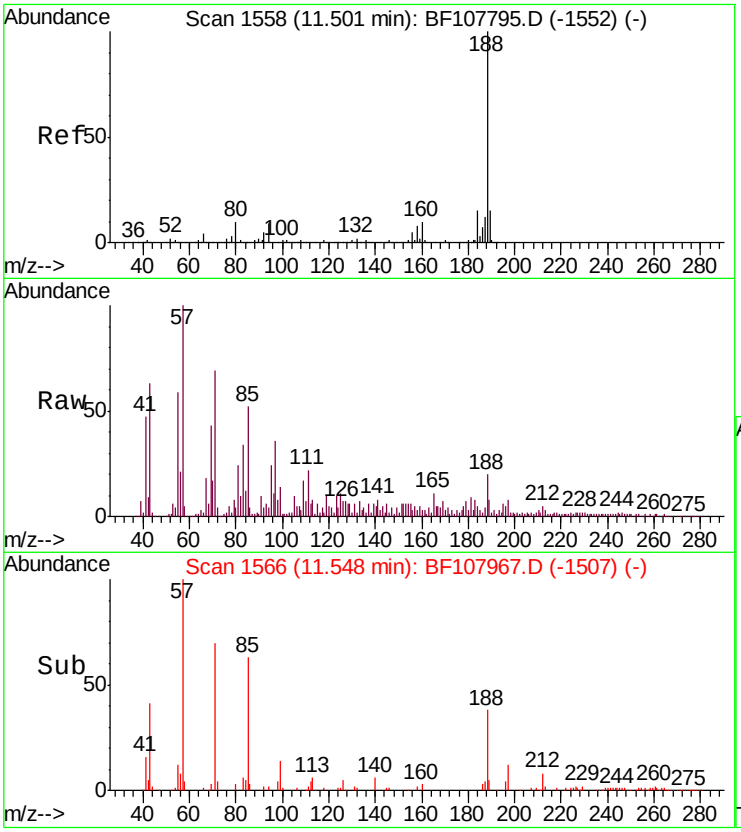


#62
Azobenzene
Concen: 3.549 ng
RT: 10.75 min Scan# 1430
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion: 77 Resp: 25579

Ion	Ratio	Lower	Upper
77	100		
182	168.1	1.7	41.7#
105	120.9	3.0	43.0#
51	37.7	9.9	49.9



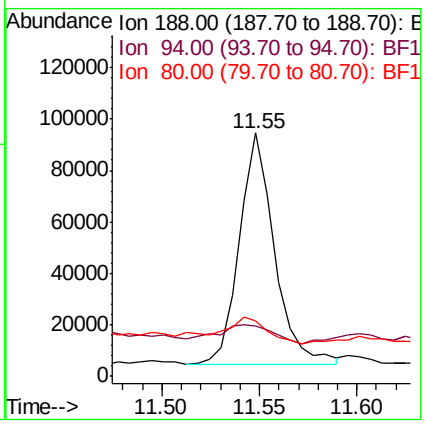


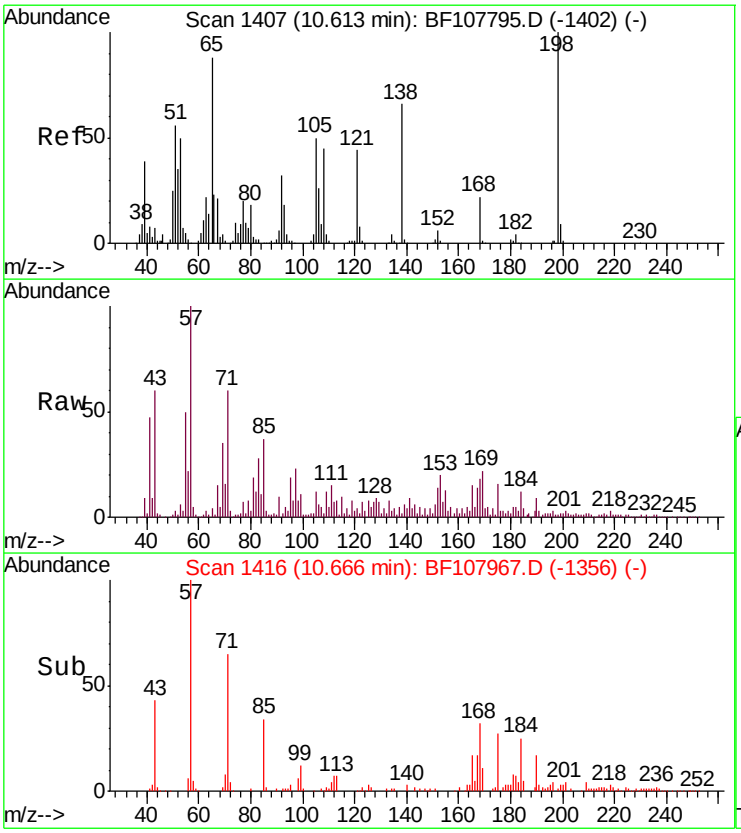
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 111525

Ion	Ratio	Lower	Upper
188	100		
94	20.9	8.5	12.7#
80	22.8	9.2	13.8#

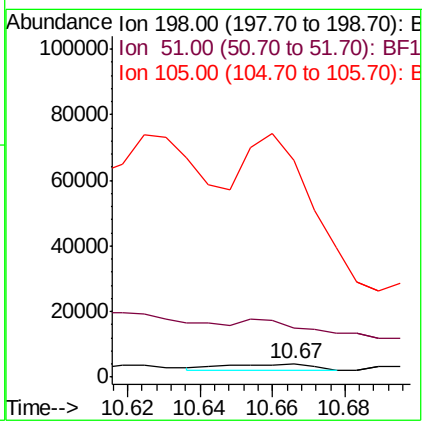


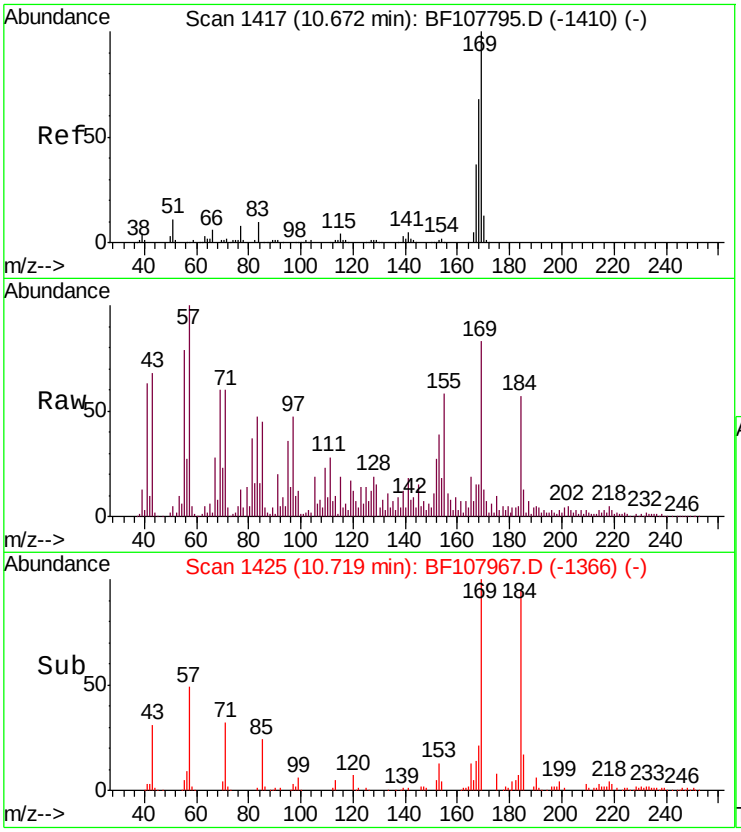


#64
4,6-Dinitro-2-methylphenol
Concen: 5.968 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:198 Resp: 3621

Ion	Ratio	Lower	Upper
198	100		
51	369.2	37.7	77.7#
105	1618.6	36.3	76.3#



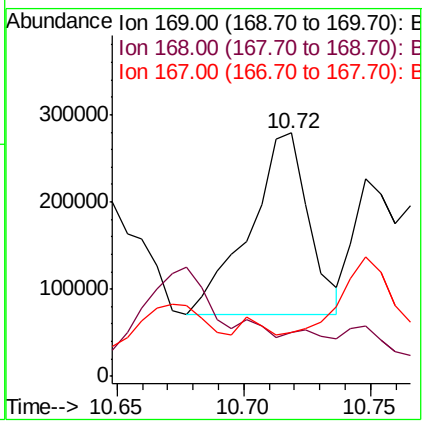


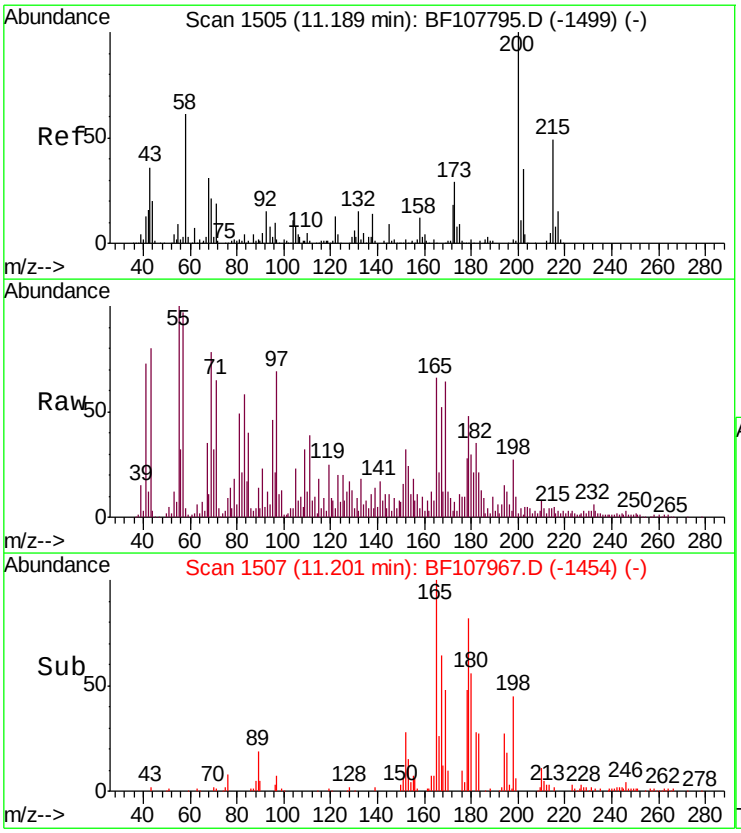
#65
n-Nitrosodiphenylamine
Concen: 92.048 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:169 Resp: 338022

Ion	Ratio	Lower	Upper
169	100		
168	18.2	54.4	81.6#
167	17.8	29.8	44.6#

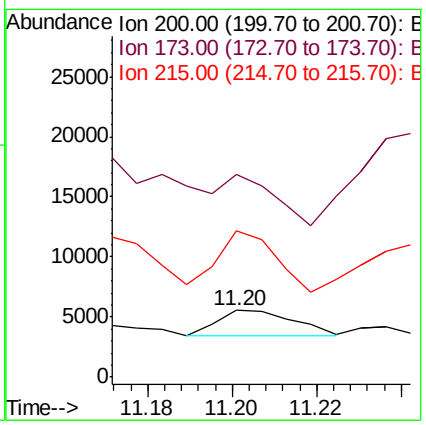


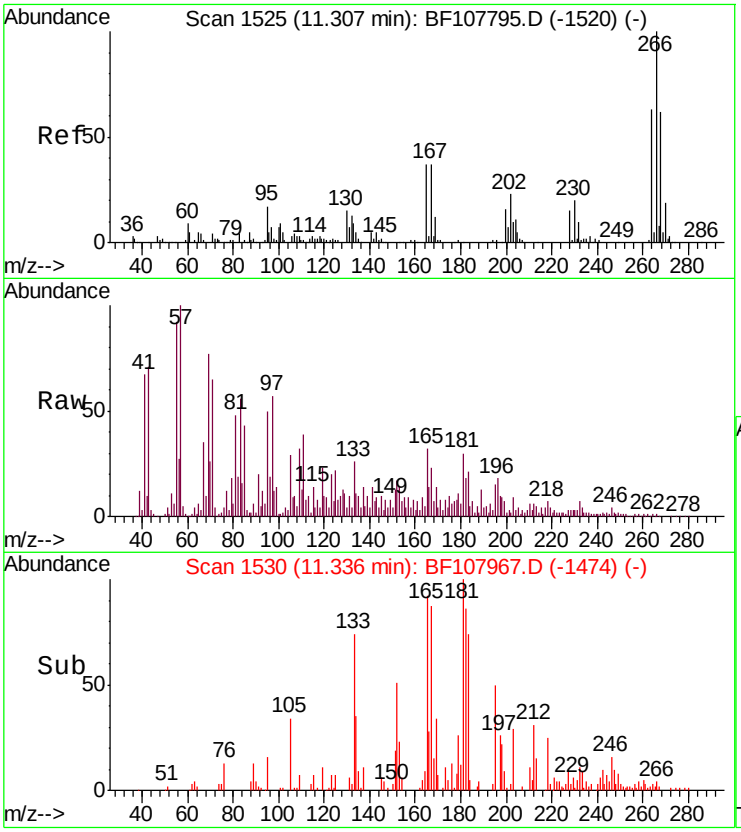


#68
Atrazine
Concen: 2.376 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:200 Resp: 2582

Ion	Ratio	Lower	Upper
200	100		
173	304.4	8.6	48.6#
215	221.3	25.1	65.1#



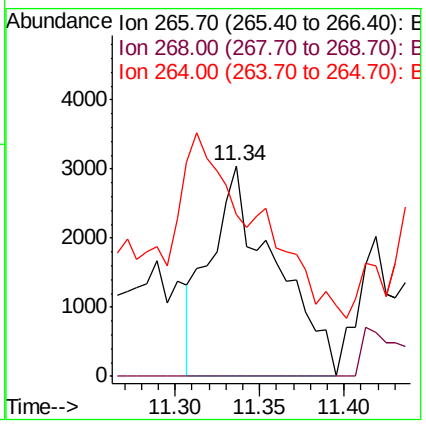


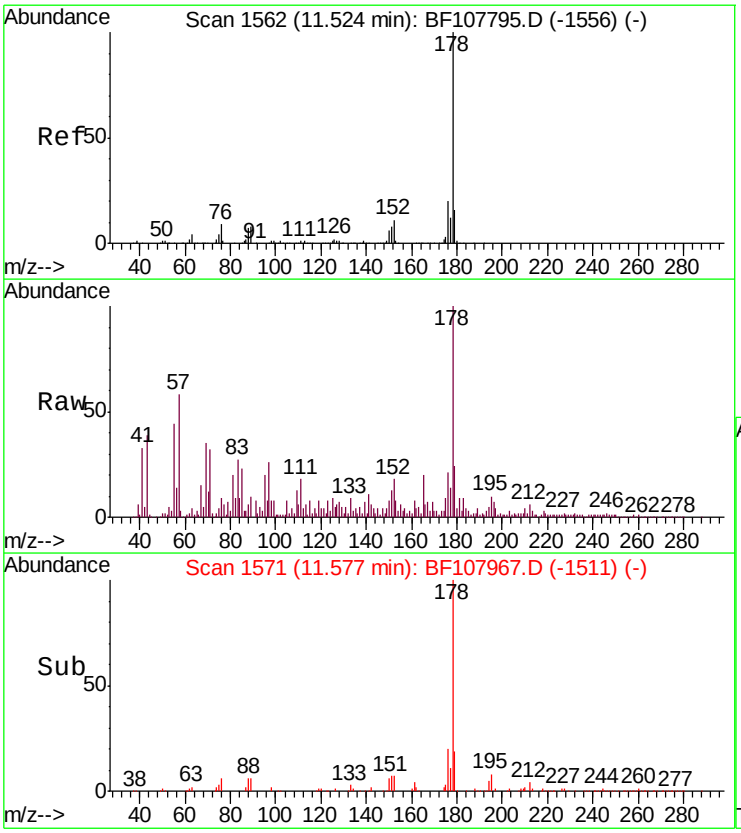
#69
Pentachlorophenol
Concen: 11.377 ng
RT: 11.34 min Scan# 1530
Delta R.T. 0.03 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:266 Resp: 8073

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	76.7	49.5	74.3#

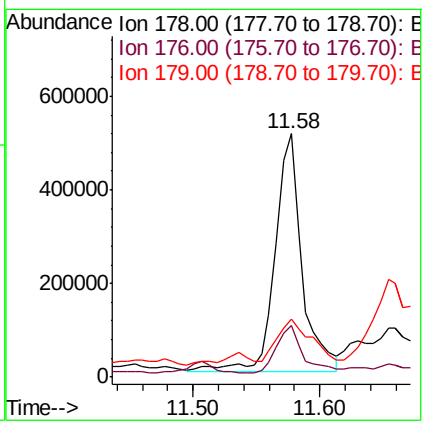


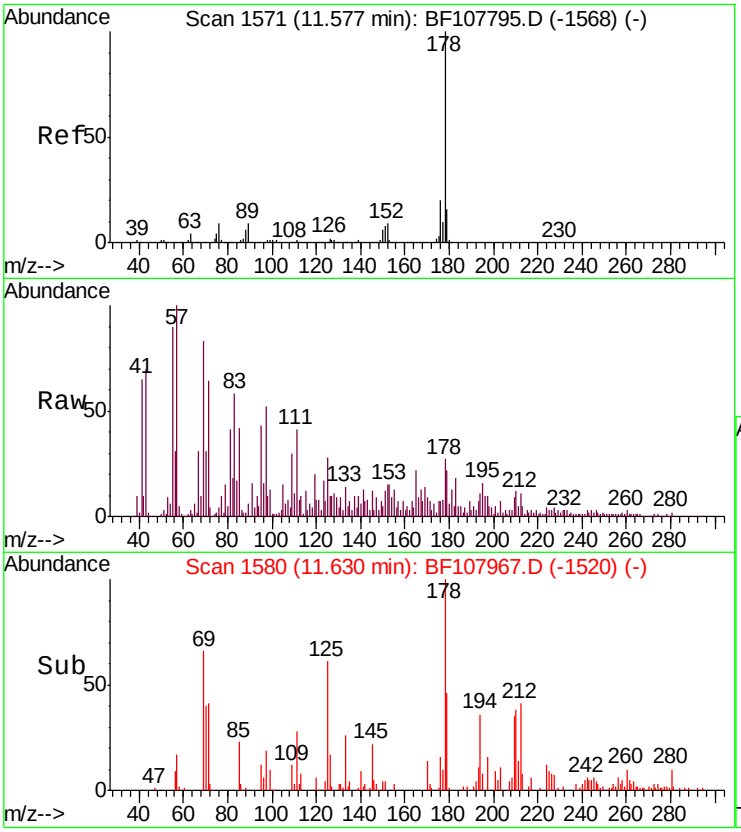


#70
Phenanthrene
Concen: 142.011 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:178 Resp: 752026

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	23.6	13.0	19.6#



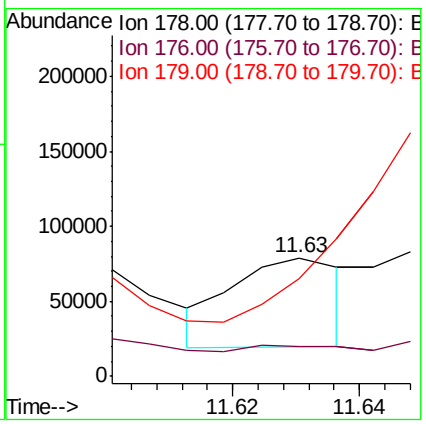


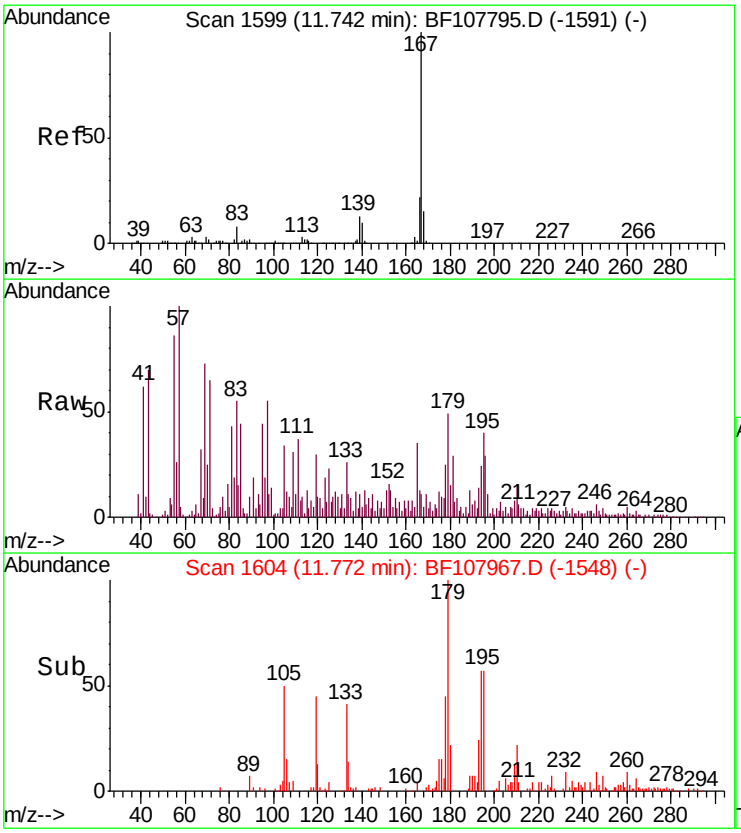
#71
Anthracene
Concen: 11.643 ng
RT: 11.63 min Scan# 1580
Delta R.T. 0.05 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:178 Resp: 71118

Ion	Ratio	Lower	Upper
178	100		
176	25.7	15.4	23.2#
179	82.4	12.6	19.0#

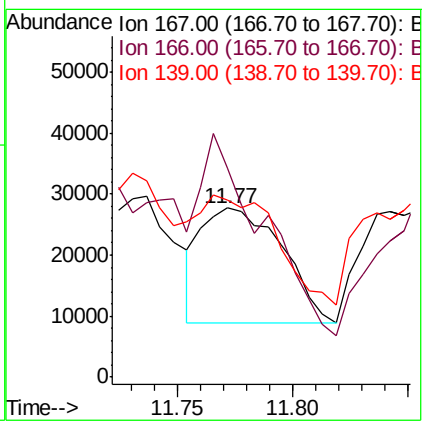


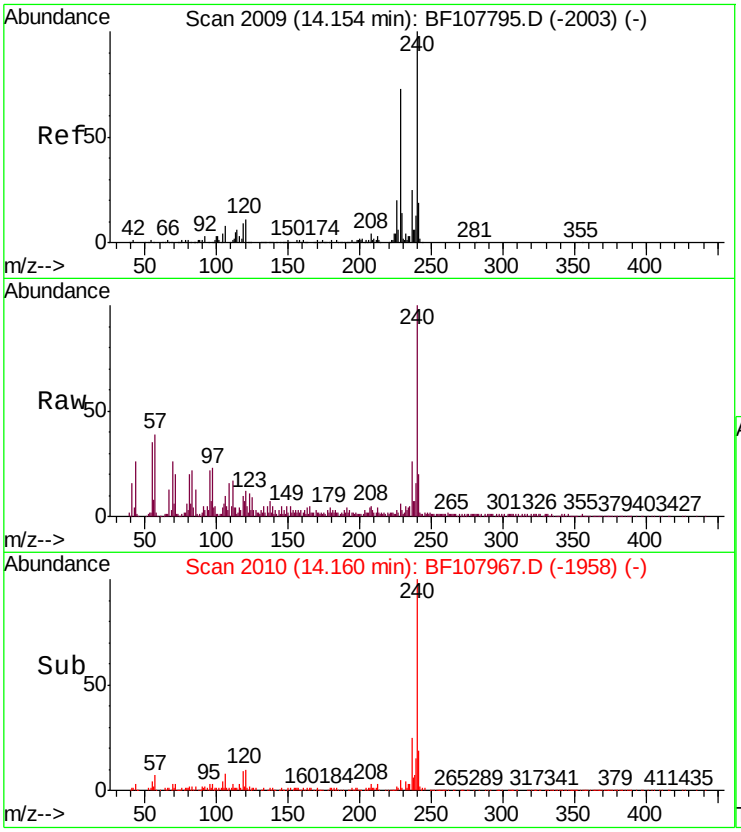


#72
Carbazole
Concen: 7.585 ng
RT: 11.77 min Scan# 1604
Delta R.T. 0.03 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:167 Resp: 45781

Ion	Ratio	Lower	Upper
167	100		
166	124.0	17.6	26.4#
139	105.0	10.9	16.3#



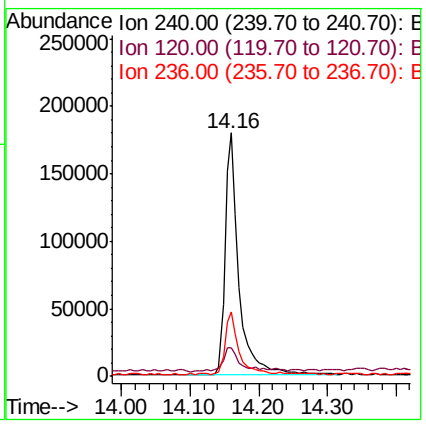


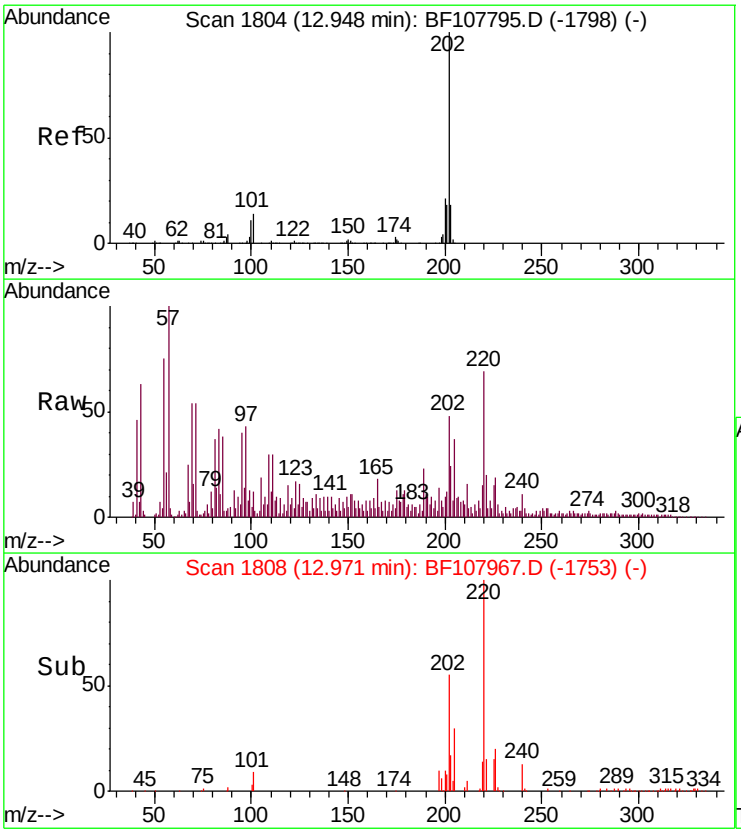
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:240 Resp: 254168

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.3	20.7	31.1

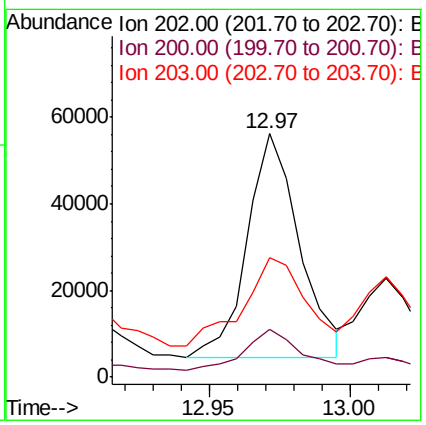


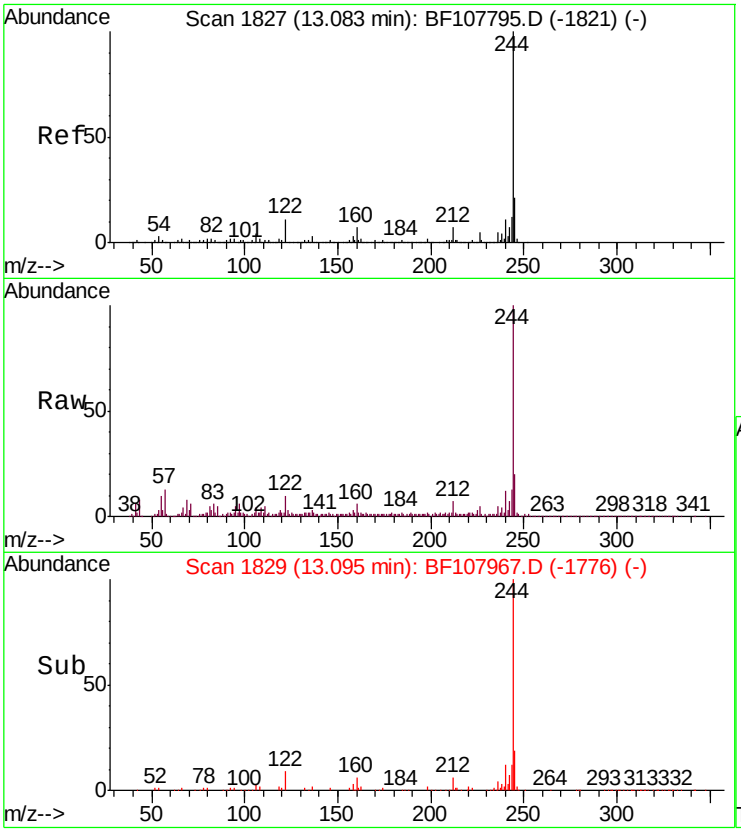


#77
Pyrene
Concen: 3.626 ng
RT: 12.97 min Scan# 1808
Delta R.T. 0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:202 Resp: 66358

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	49.3	14.3	21.5#



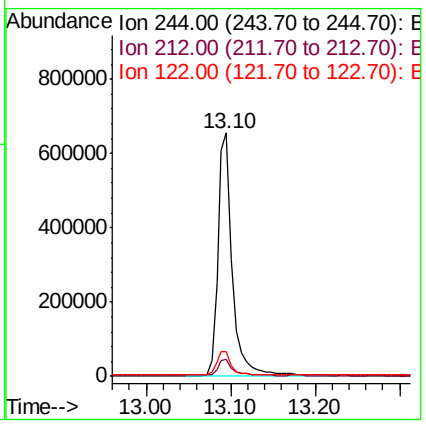


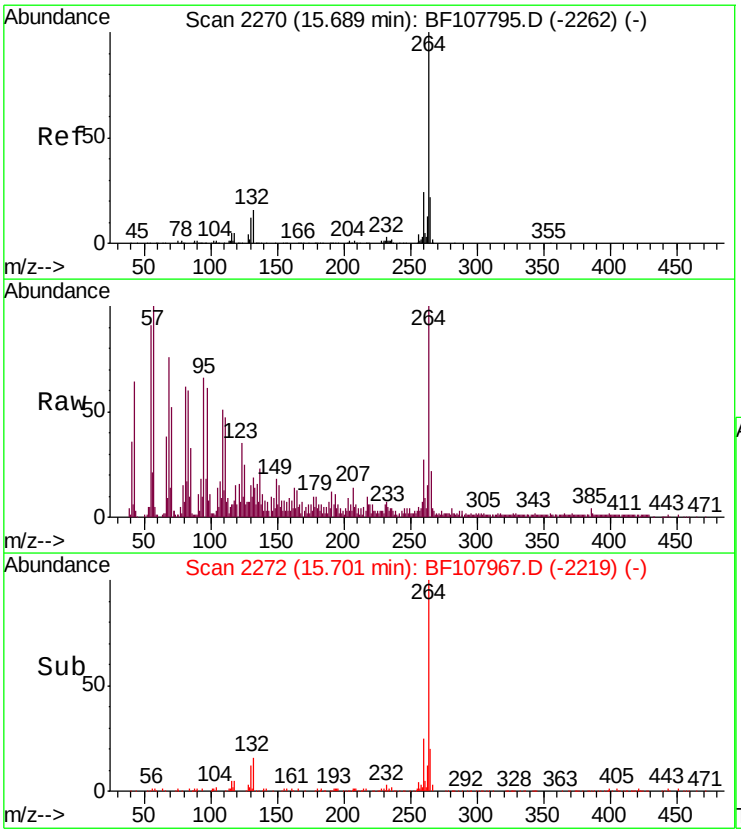
#78
Terphenyl-d14
Concen: 66.877 ng
RT: 13.10 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 783881

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#

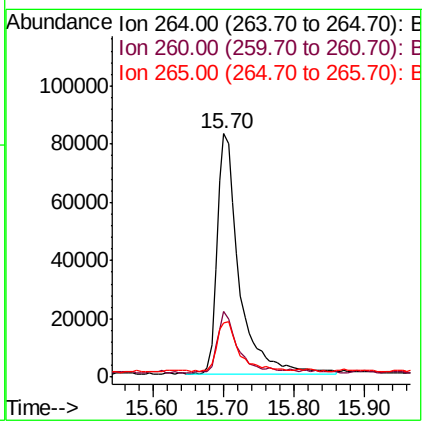


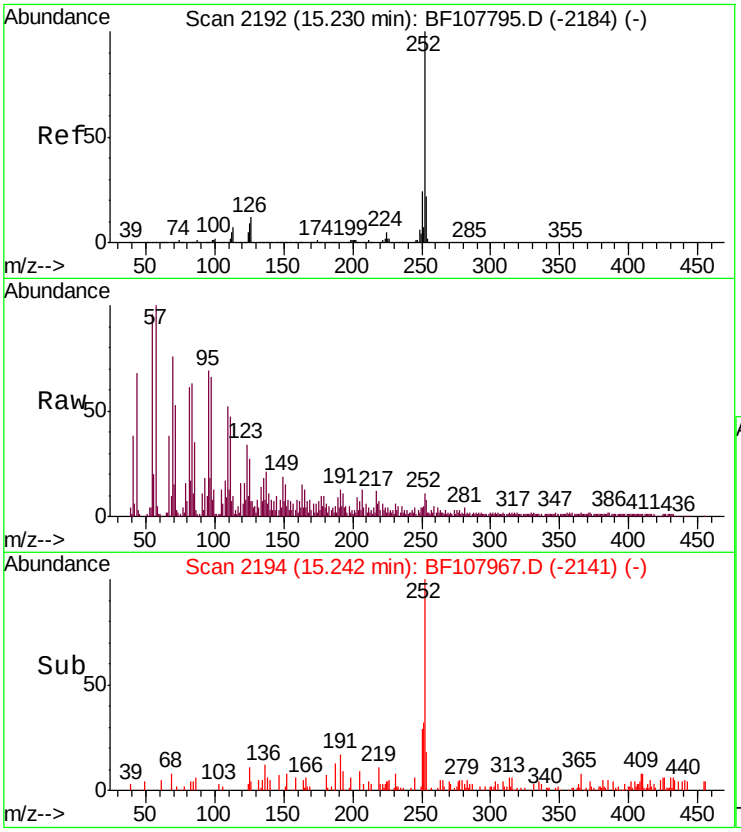


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:264 Resp: 180020

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.2	28.8
265	22.5	17.5	26.3



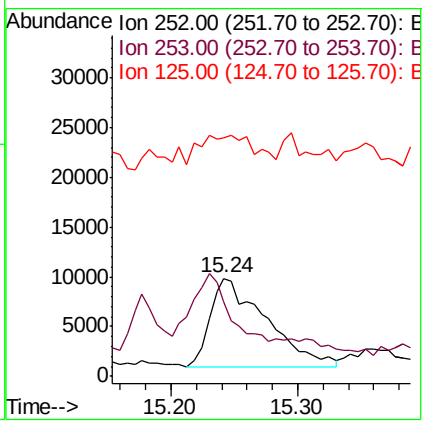


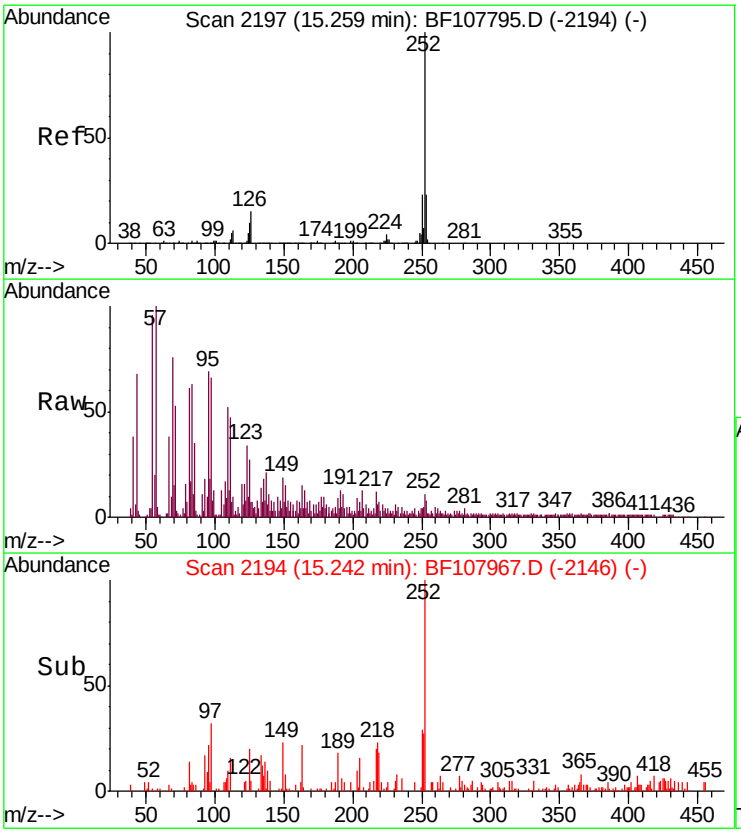
#87
Benzo(b)fluoranthene
Concen: 3.116 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 27665

Ion	Ratio	Lower	Upper
252	100		
253	76.1	17.0	25.6#
125	243.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.538 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:252 Resp: 27665

Ion	Ratio	Lower	Upper
252	100		
253	76.1	17.9	26.9#
125	243.5	10.2	15.2#