Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109669.D
Acq On : 9 Oct 2018 1:13
Operator : JU/SJ
Sample : J5287-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-7

Quant Time: Oct 09 04:08:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99703	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	388543	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	158459	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	262555	20.00	ng		0.00
75) Chrysene-d12	13.83	240	219142	20.00	ng		0.00
86) Perylene-d12	15.22	264	186769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	598787	106.60	ng		0.00
7) Phenol-d6	6.35	99	853521	113.75	ng		0.00
23) Nitrobenzene-d5	7.26	82	544172	77.20	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	162860	94.33	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	856892	74.48	ng		0.00
78) Terphenyl-d14	12.78	244	635140	56.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	115	0.039	ng	#	23
6) Aniline	6.36	93	530	0.061	ng	#	1
9) Benzaldehyde	6.35	77	1214	0.251	ng	#	1
10) Phenol	6.36	94	41046	4.770	ng		84
11) bis(2-Chloroethyl)ether	6.47	93	1003	0.141	ng	#	1
15) Benzyl Alcohol	6.85	79	8373	1.505	ng	#	54
17) 2-Methylphenol	6.82	107	836	0.153	ng	#	11
18) Hexachloroethane	7.06	117	120	0.039	ng	#	2
19) n-Nitroso-di-n-propylamine	7.26	70	71547	13.597	ng	#	78
24) Nitrobenzene	7.26	77	1285	0.175	ng	#	40
25) Isophorone	7.26	82	544172	46.492	ng	#	67
31) Naphthalene	8.00	128	607	0.034	ng	#	68
45) 1,1'-Biphenyl	9.16	154	1030	0.073	ng		76
46) 2-Chloronaphthalene	9.45	162	513	0.048	ng	#	1
47) 2-Nitroaniline	9.39	65	253	0.079	ng	#	1
48) Acenaphthylene	9.59	152	762	0.049	ng	#	61
49) Dimethylphthalate	9.45	163	89039	7.662	ng		99
50) 2,6-Dinitrotoluene	9.45	165	647	0.257	ng	#	21
51) Acenaphthene	9.72	154	507	0.055	ng	#	4
56) 2,4-Dinitrotoluene	9.72	165	19300	6.139	ng	#	18
57) Fluorene	10.51	166	6538	0.637	ng	#	81
59) Diethylphthalate	10.15	149	131	0.011	ng	#	59
62) Azobenzene	10.51	77	557	0.048	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.51	198	135	0.106	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	5283	0.594	ng	#	48
66) 4-Bromophenyl-phenylether	10.51	248	9978	3.307	ng	#	1
70) Phenanthrene	11.23	178	2238	0.170	ng	#	87
71) Anthracene	11.29	178	1633	0.120	ng	#	60
72) Carbazole	11.47	167	108	0.008	ng	#	59
73) Di-n-butylphthalate	11.76	149	1370	0.090	ng	#	77
74) Fluoranthene	12.41	202	8993	0.655	ng		97
76) Benzidine	12.78	184	8247	1.013	ng		97
77) Pyrene	12.41	202	8993	0.560	ng		94
79) Butylbenzylphthalate	13.24	149	373	0.054	ng	#	81

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109669.D
Acq On : 9 Oct 2018 1:13
Operator : JU/SJ
Sample : J5287-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-7

Quant Time: Oct 09 04:08:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Benzo(a)anthracene	13.82	228	7973	0.659	ng	#	96
82) Chrysene	13.82	228	7973	0.628	ng		93
83) Bis(2-ethylhexyl)phthalate	13.82	149	2909	0.343	ng	#	99
84) Di-n-octyl phthalate	14.42	149	819	0.061	ng	#	76
85) Indeno(1,2,3-cd)pyrene	16.57	276	3237	0.356	ng	#	87
87) Benzo(b)fluoranthene	14.83	252	15289	1.481	ng	#	80
88) Benzo(k)fluoranthene	14.83	252	15289	1.474	ng	#	79
89) Benzo(a)pyrene	15.17	252	4612	0.492	ng	#	89
90) Dibenzo(a,h)anthracene	16.59	278	663	0.086	ng	#	56
91) Benzo(g,h,i)perylene	16.97	276	2793	0.364	ng	#	79

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

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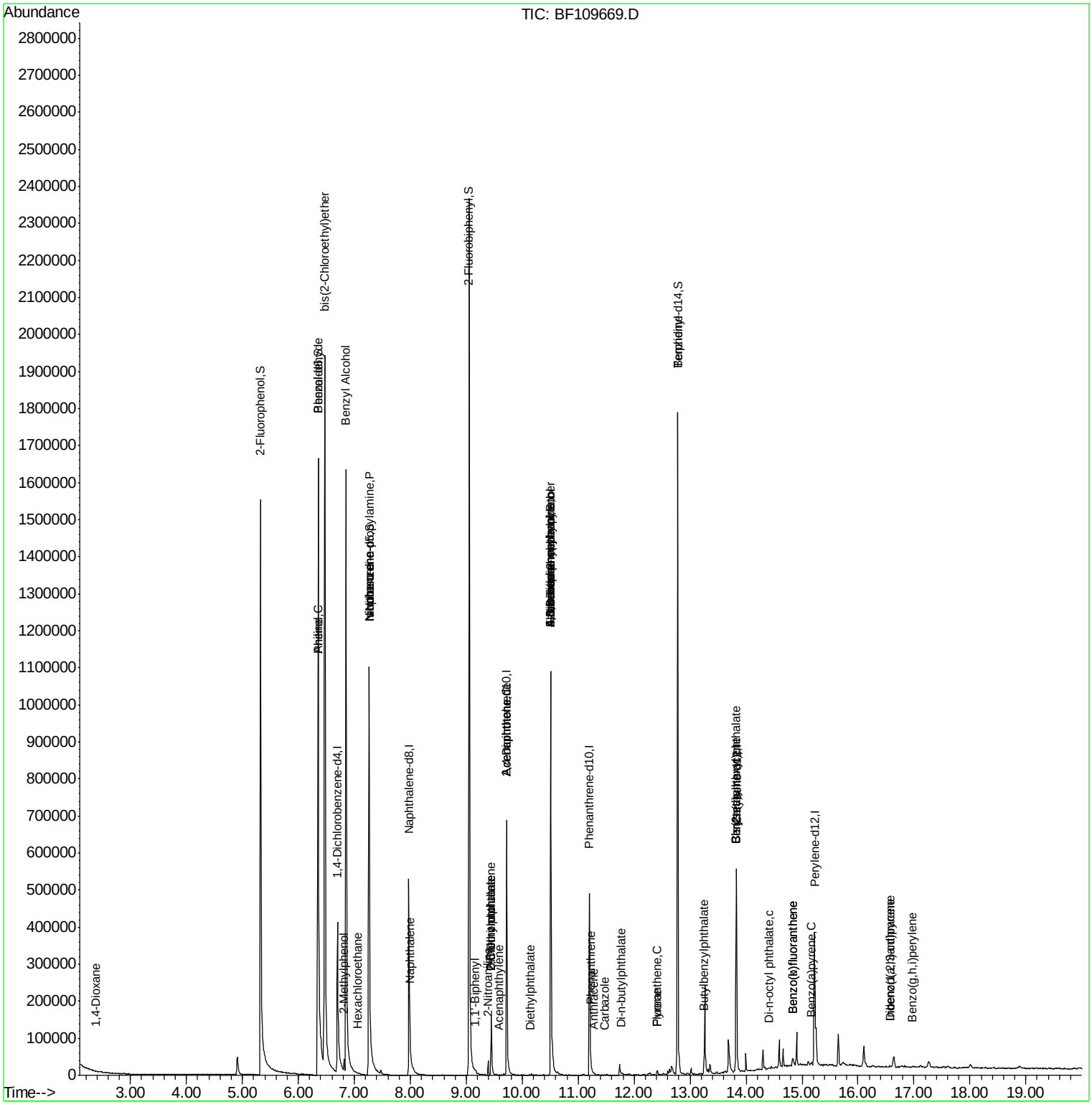
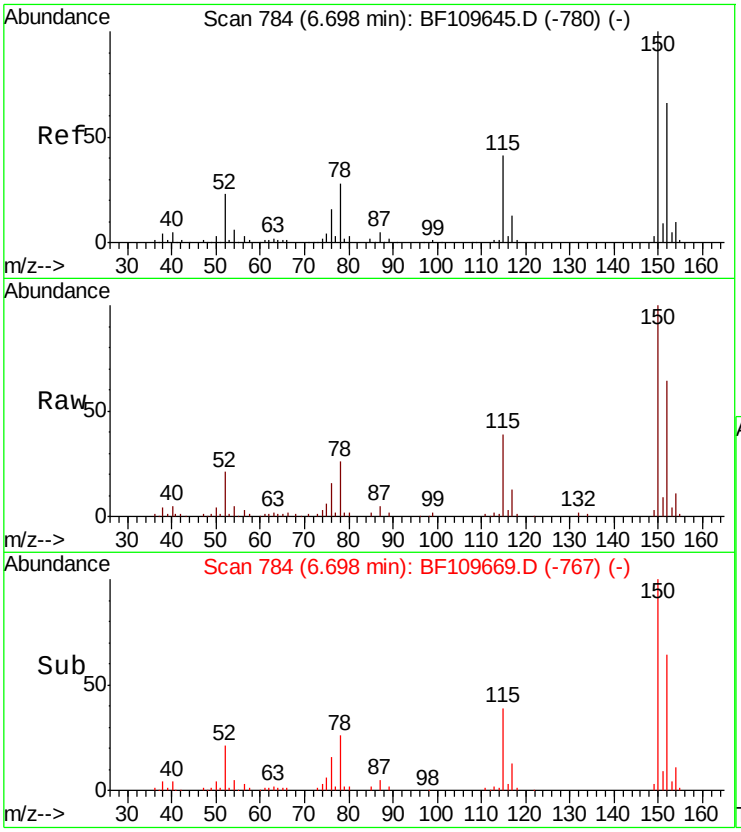


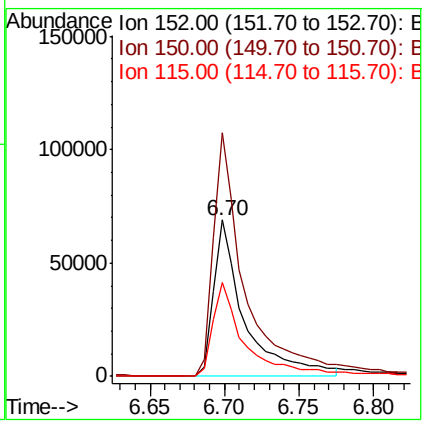


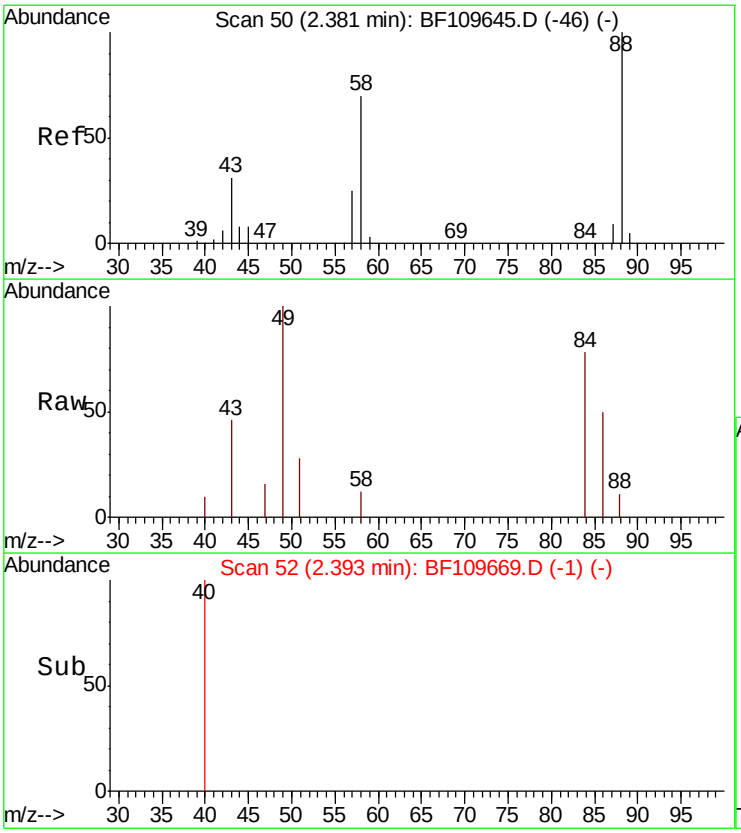
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:152 Resp: 99703

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.0	49.1	73.7

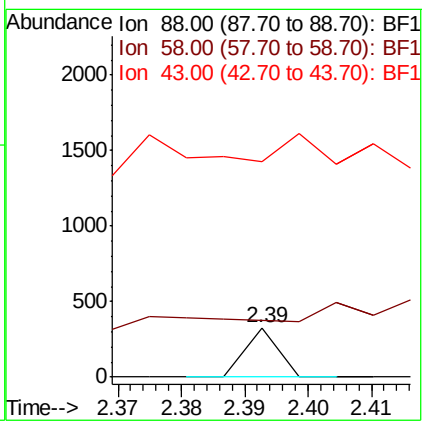


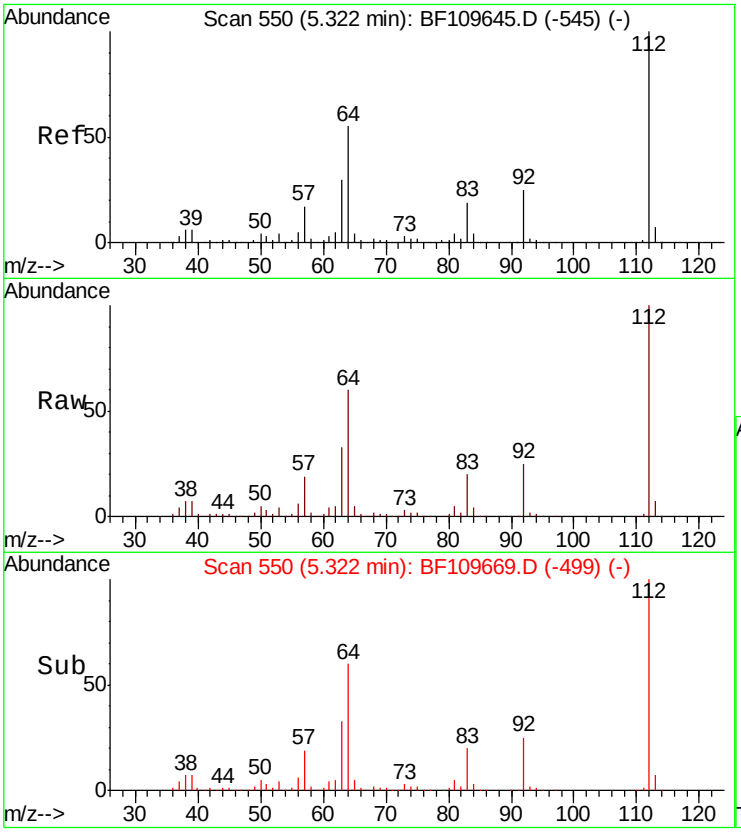


#2
1,4-Dioxane
Concen: 0.039 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
58	0.0	57.1	85.7#
43	0.0	24.1	36.1#



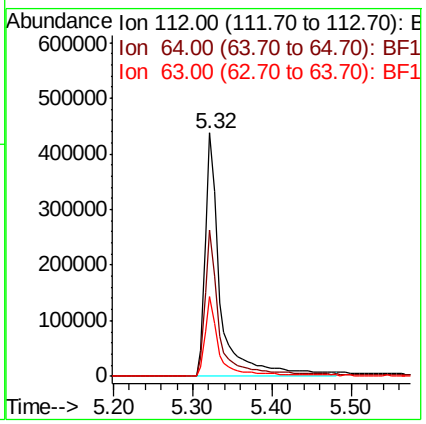


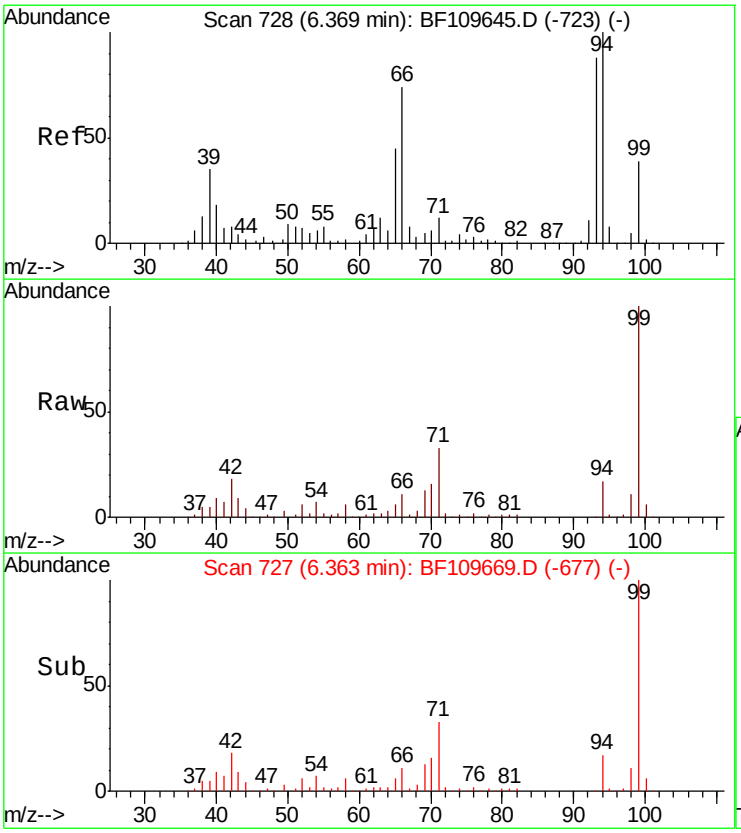
#5
2-Fluorophenol
Concen: 106.603 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:112 Resp: 598787

Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	32.6	23.7	35.5

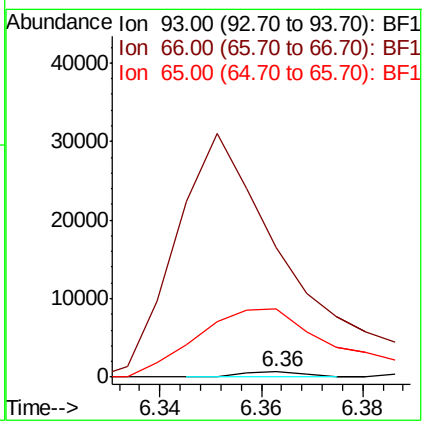


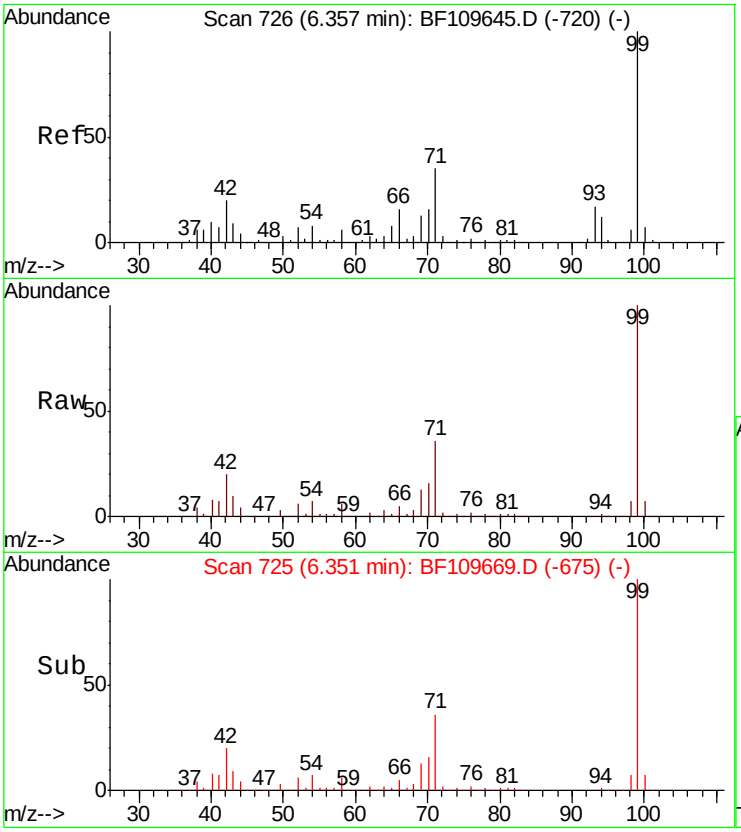


#6
Aniline
Concen: 0.061 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 93 Resp: 530

Ion	Ratio	Lower	Upper
93	100		
66	2568.4	67.4	101.0#
65	1345.8	41.0	61.4#



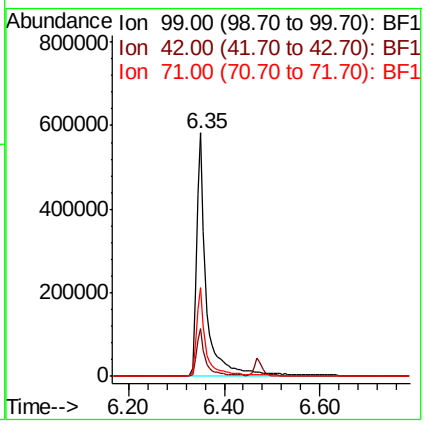


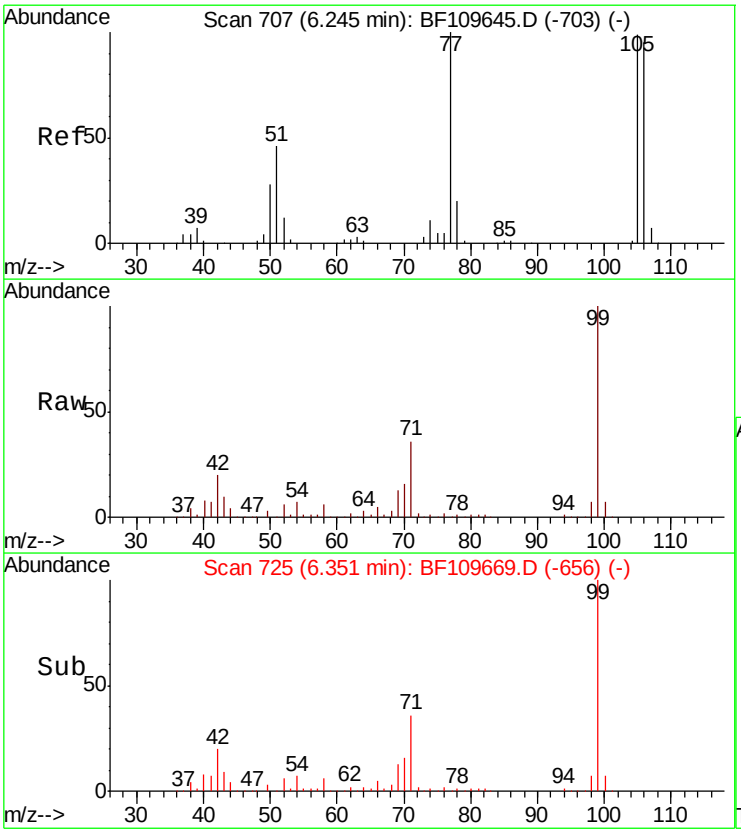
#7
Phenol-d6
Concen: 113.748 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 99 Resp: 853521

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	36.3	28.0	42.0

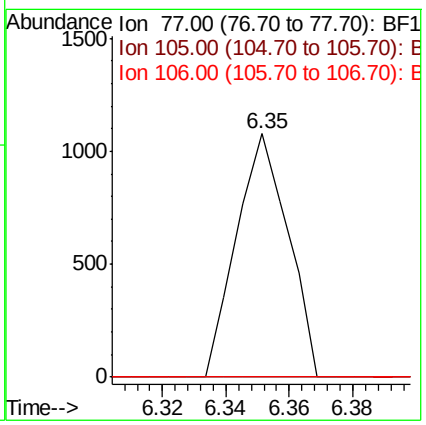


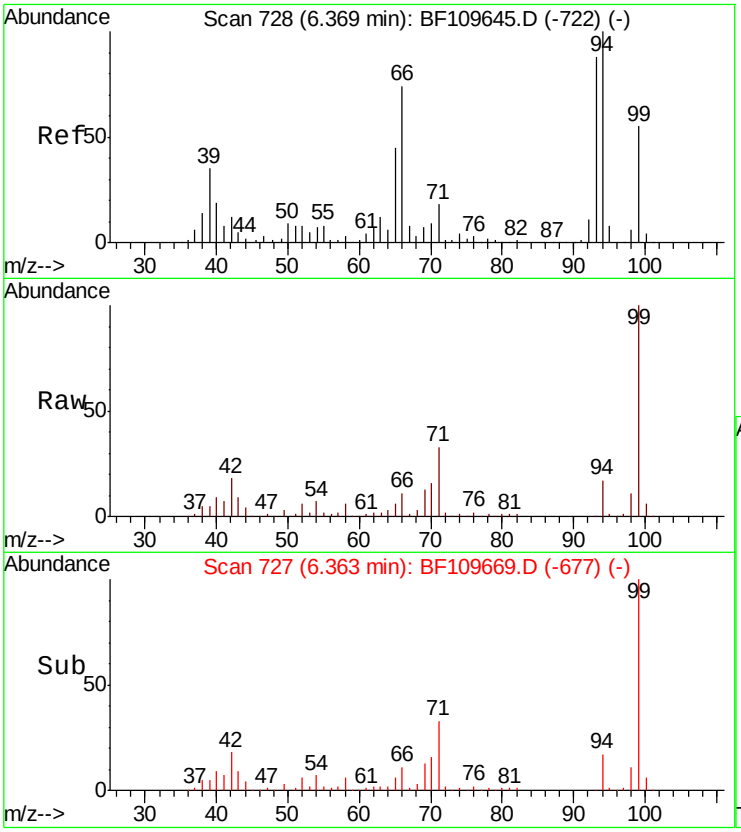


#9
Benzaldehyde
Concen: 0.251 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.11 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 77 Resp: 1214

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.6	118.6#
106	0.0	74.8	114.8#



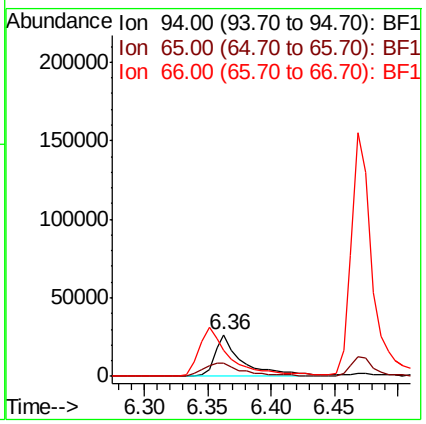


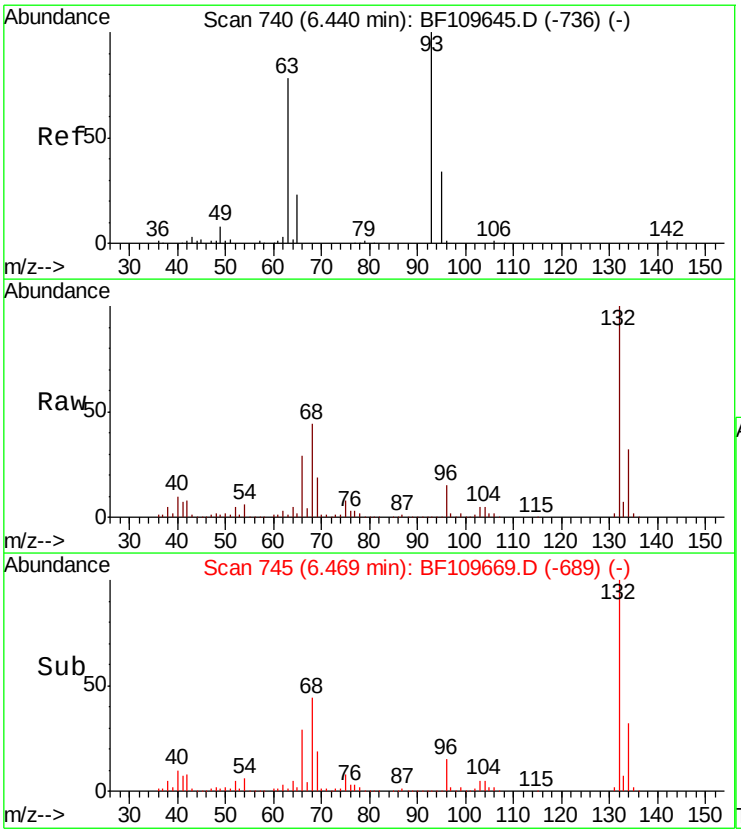
#10
Phenol
Concen: 4.770 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 94 Resp: 41046

Ion	Ratio	Lower	Upper
94	100		
65	32.8	25.3	65.3
66	62.7	54.5	94.5

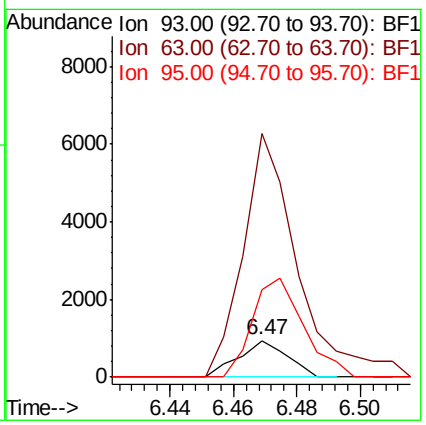


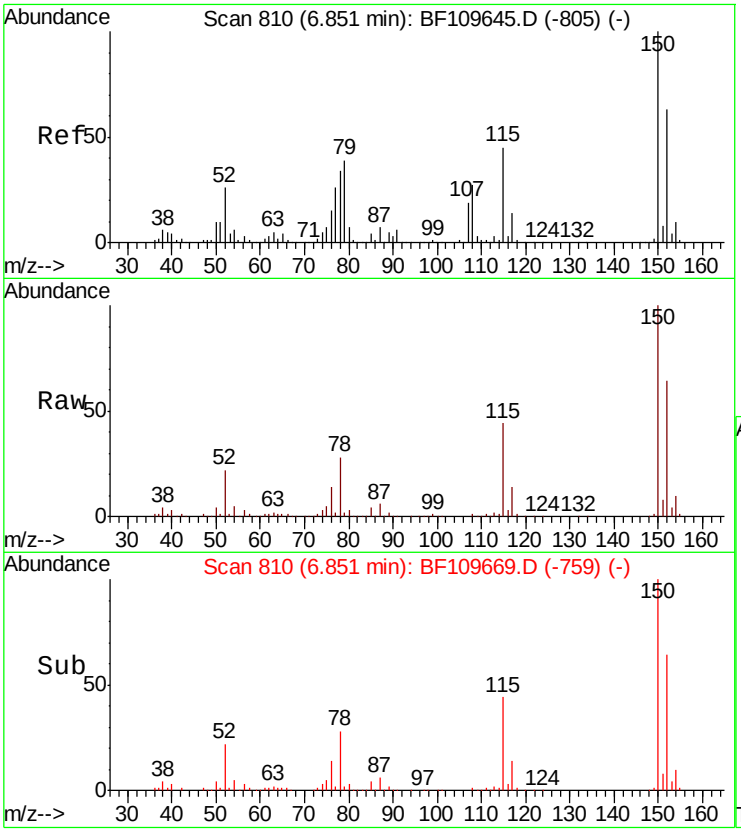


#11
bis(2-Chloroethyl)ether
Concen: 0.141 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.03 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 93 Resp: 1003

Ion	Ratio	Lower	Upper
93	100		
63	660.9	53.4	93.4#
95	237.0	12.1	52.1#



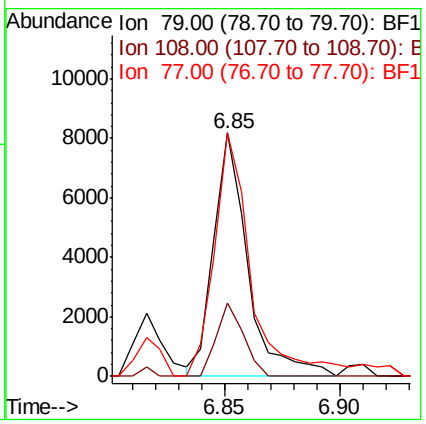


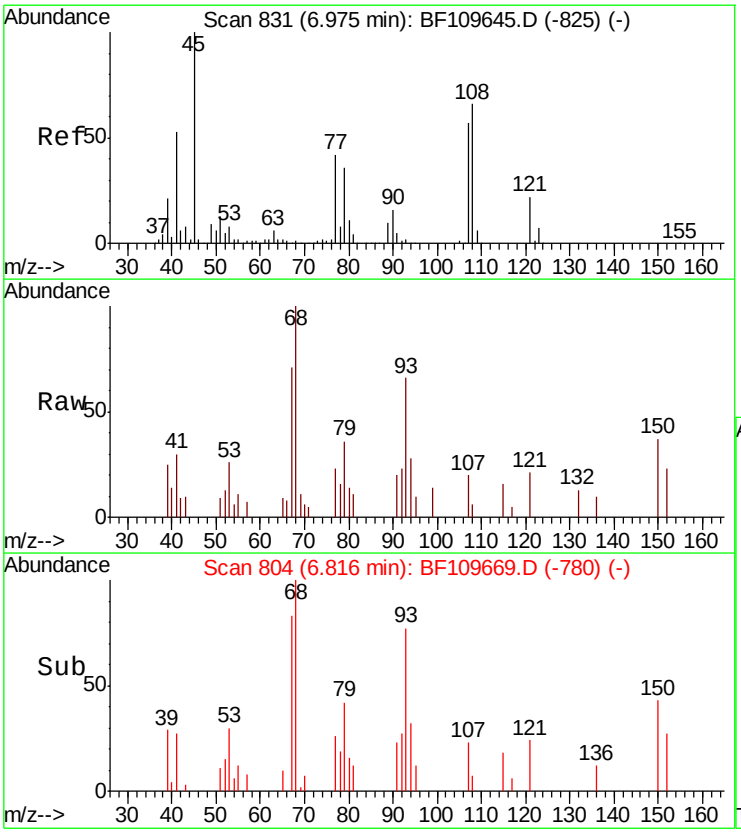
#15
Benzyl Alcohol
Concen: 1.505 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 79 Resp: 8373

Ion	Ratio	Lower	Upper
79	100		
108	30.3	56.3	84.5#
77	100.0	52.9	79.3#

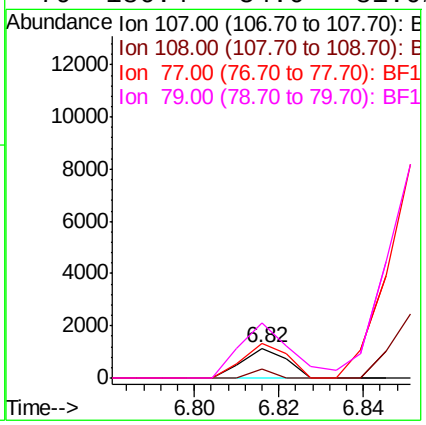


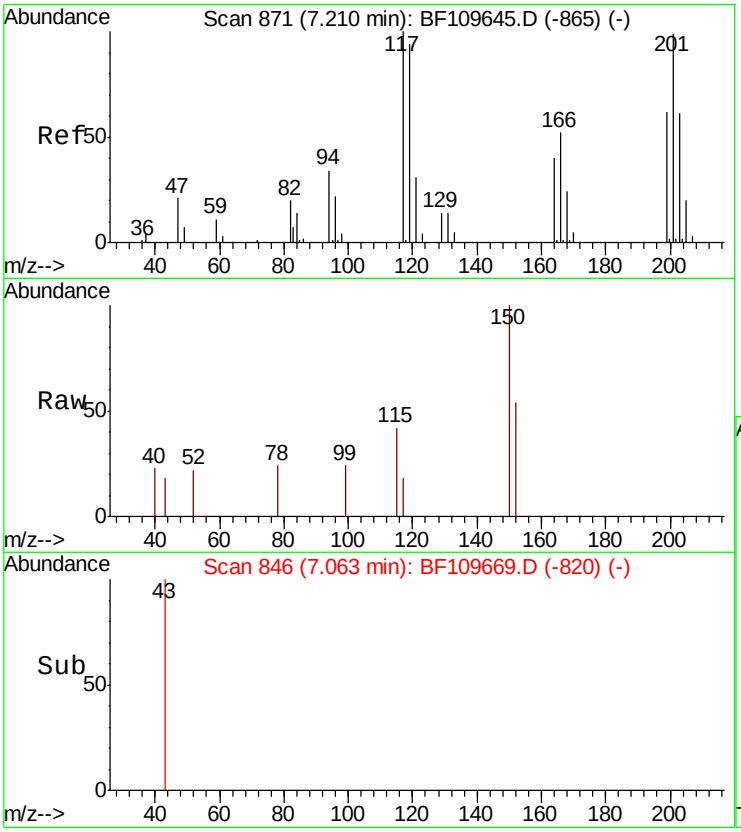


#17
2-Methylphenol
Concen: 0.153 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.16 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:107 Resp: 836

Ion	Ratio	Lower	Upper
107	100		
108	29.4	92.6	138.8#
77	116.1	59.4	89.2#
79	186.4	54.0	81.0#



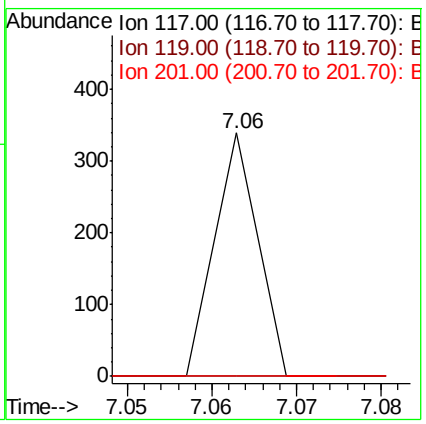


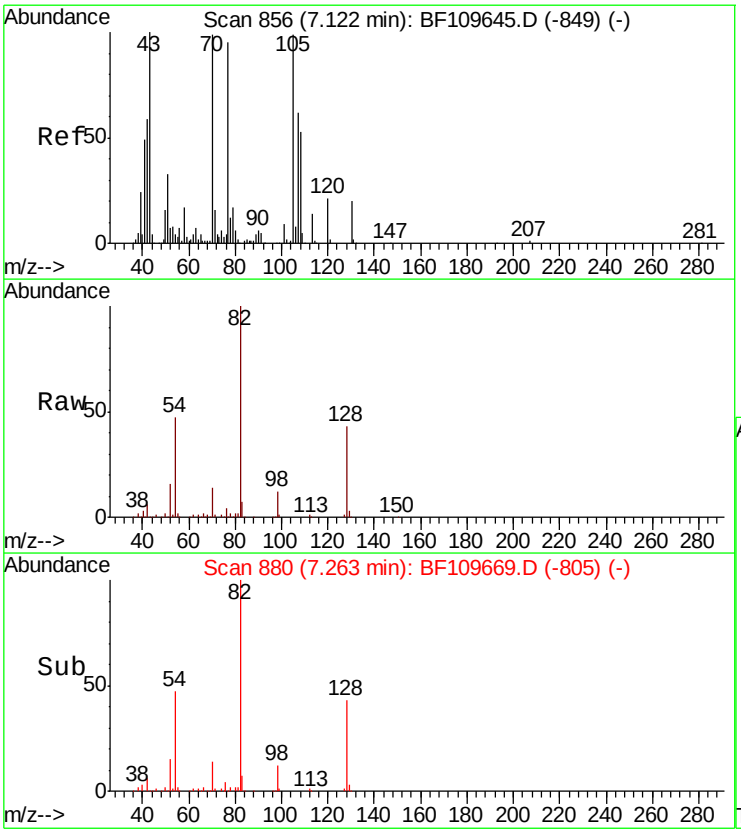
#18
Hexachloroethane
Concen: 0.039 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.15 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:117 Resp: 120

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.0	112.6#
201	0.0	79.2	118.8#

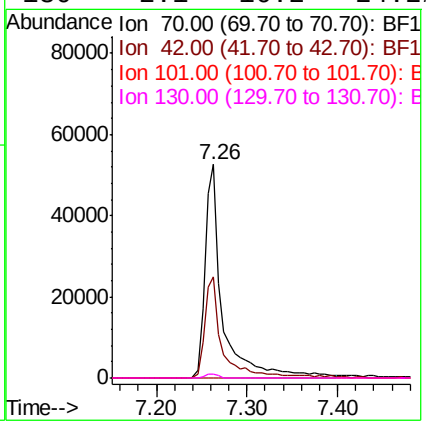


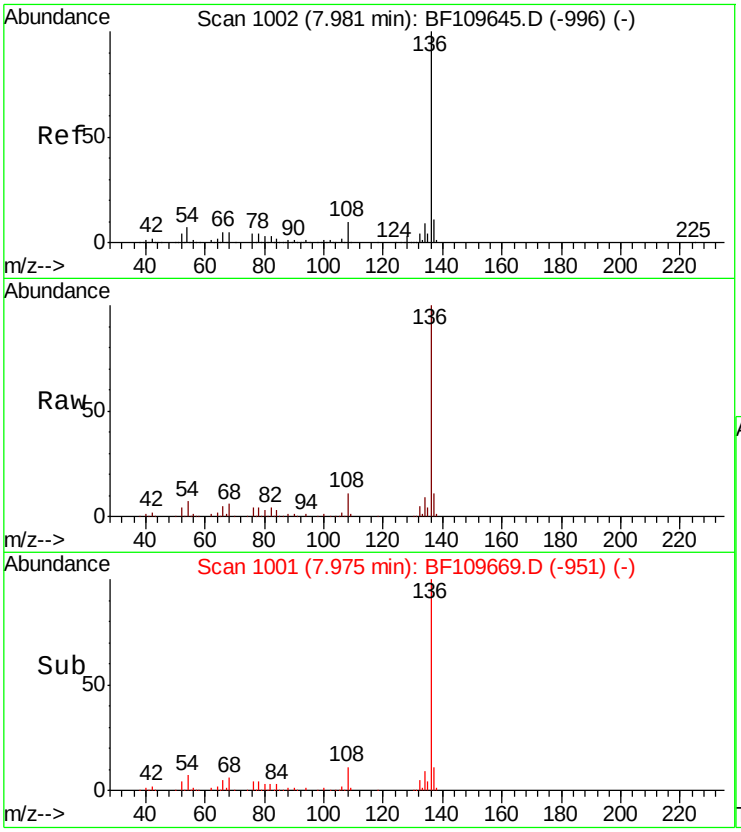


#19
n-Nitroso-di-n-propylamine
Concen: 13.597 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 70 Resp: 71547

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



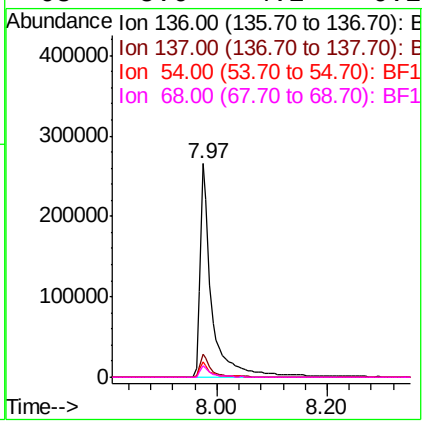


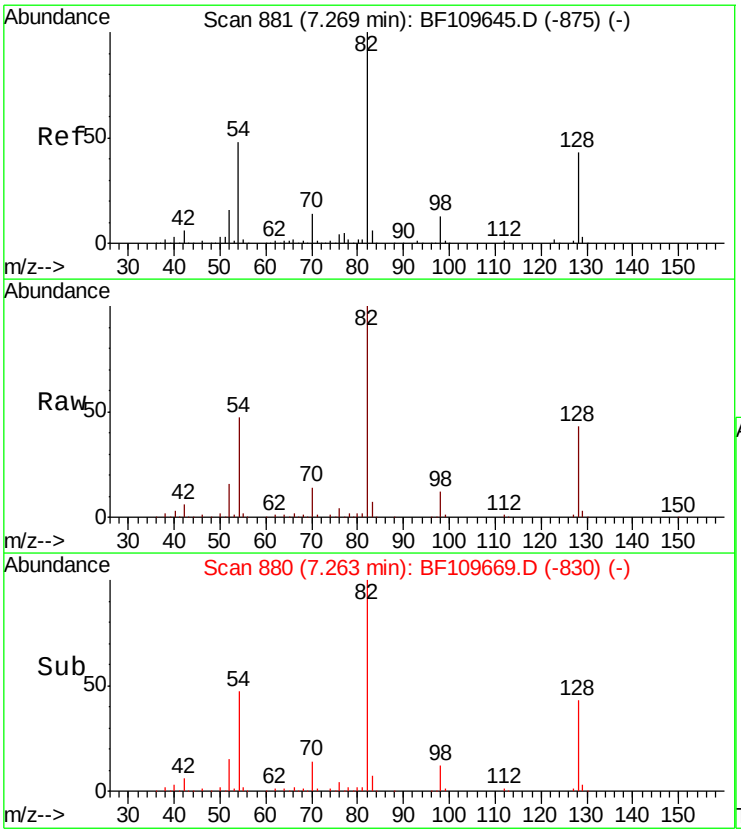
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:136 Resp: 388543

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	5.4	8.2
68	5.6	4.2	6.2

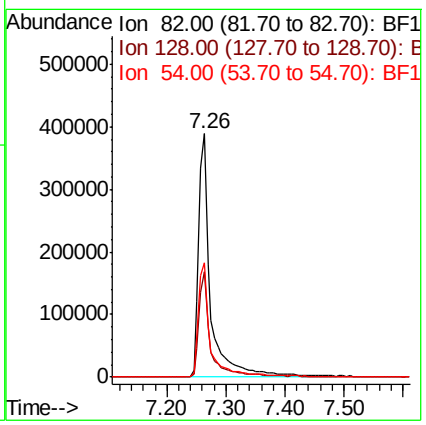


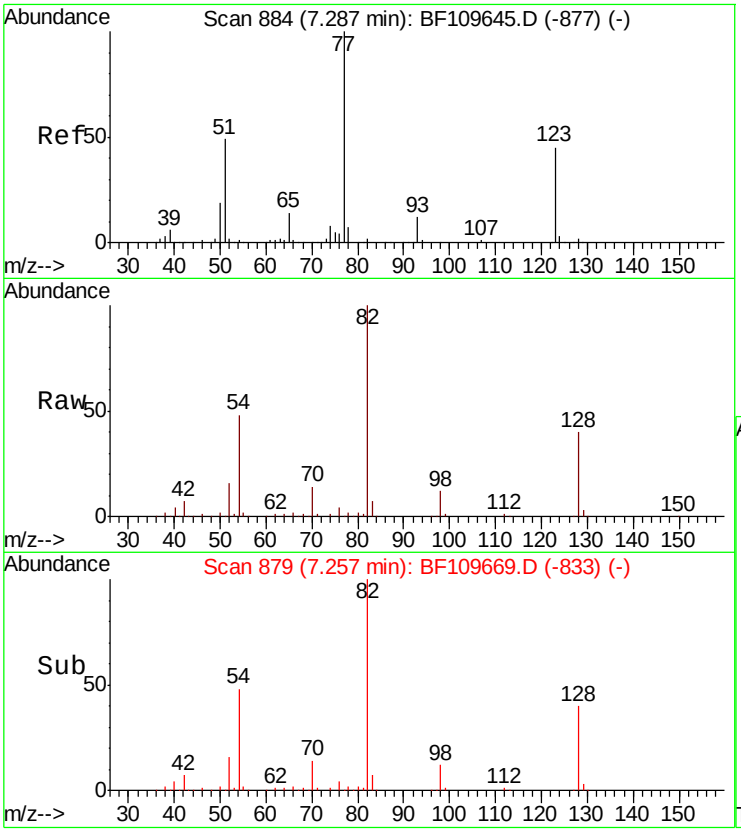


#23
Nitrobenzene-d5
Concen: 77.203 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 82 Resp: 544172

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	47.0	38.6	58.0



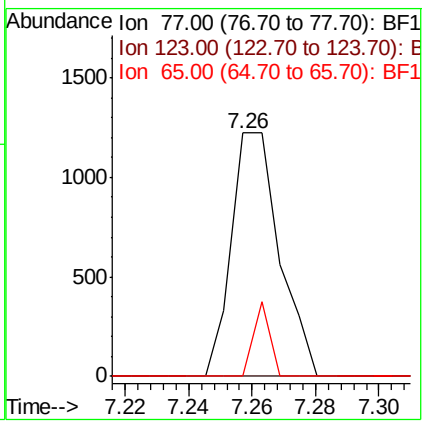


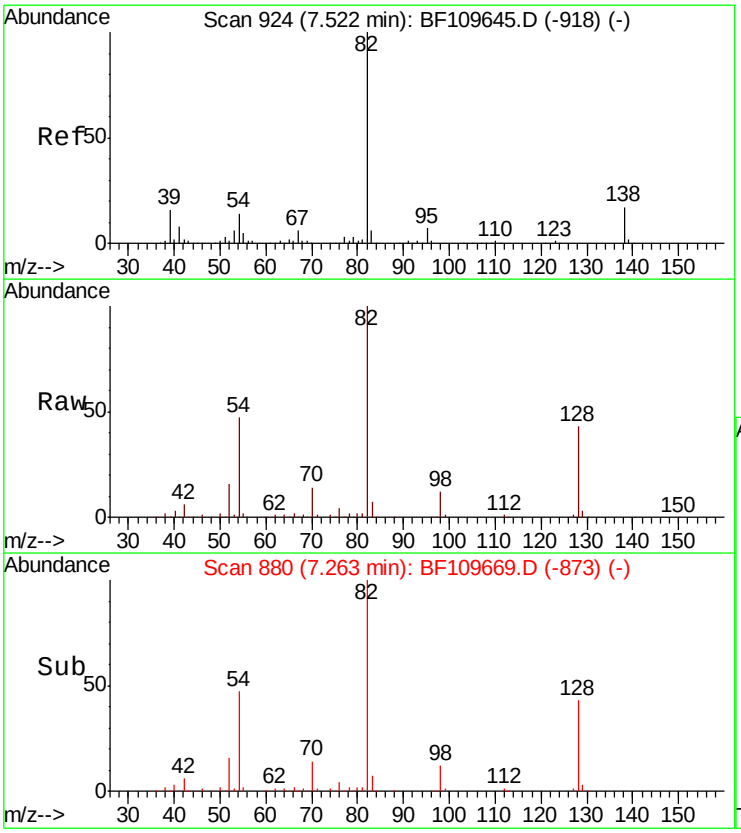
#24
Nitrobenzene
Concen: 0.175 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 77 Resp: 1285

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.7	53.5#
65	0.0	10.7	16.1#

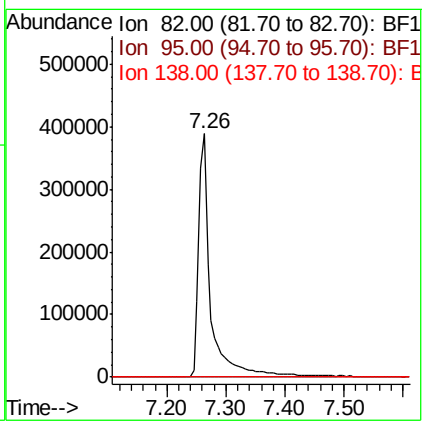


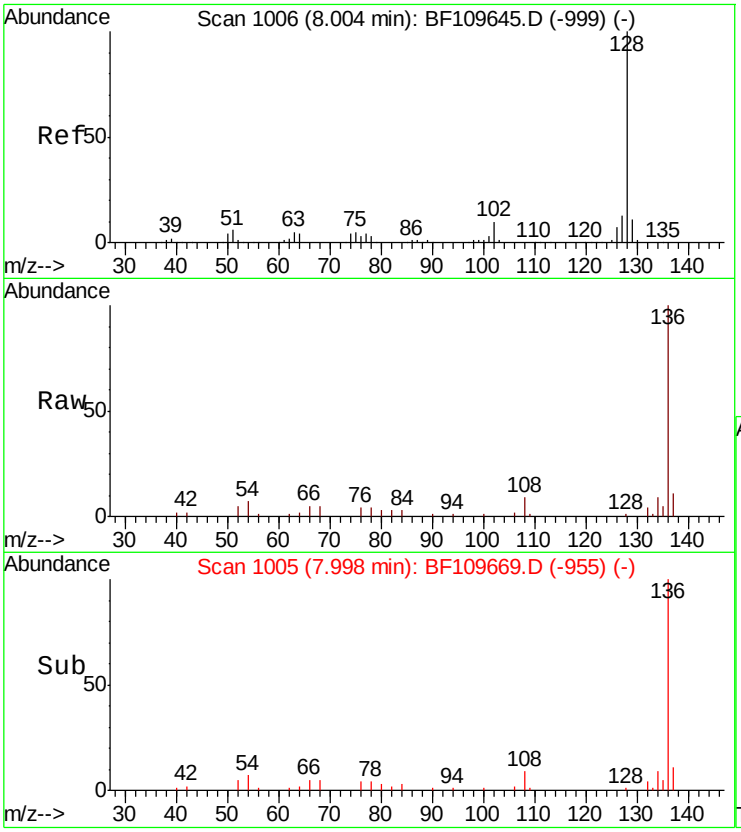


#25
Isophorone
Concen: 46.492 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion: 82 Resp: 544172

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



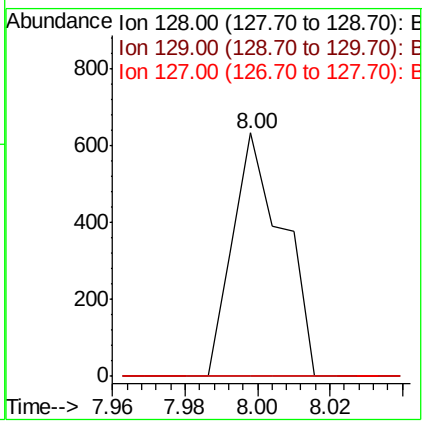


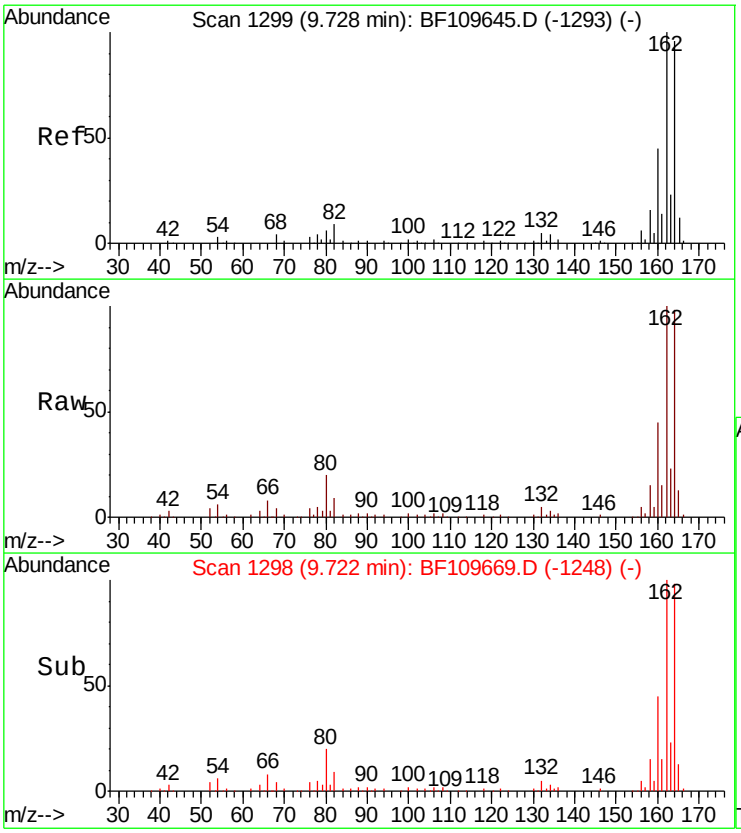
#31
Naphthalene
Concen: 0.034 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:128 Resp: 607

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.8	16.2#

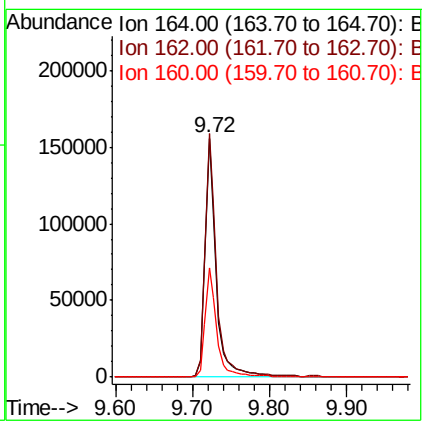


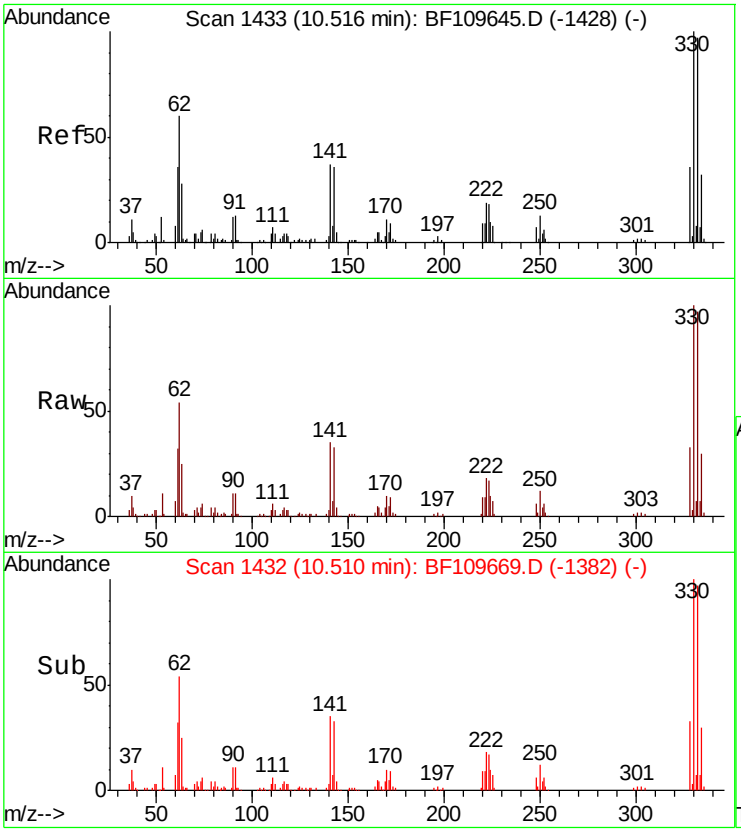


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:164 Resp: 158459

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.6
160	45.8	37.0	55.6



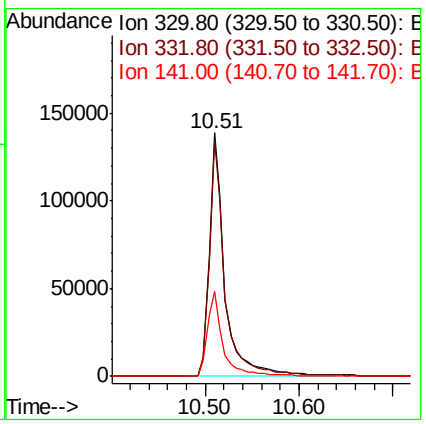


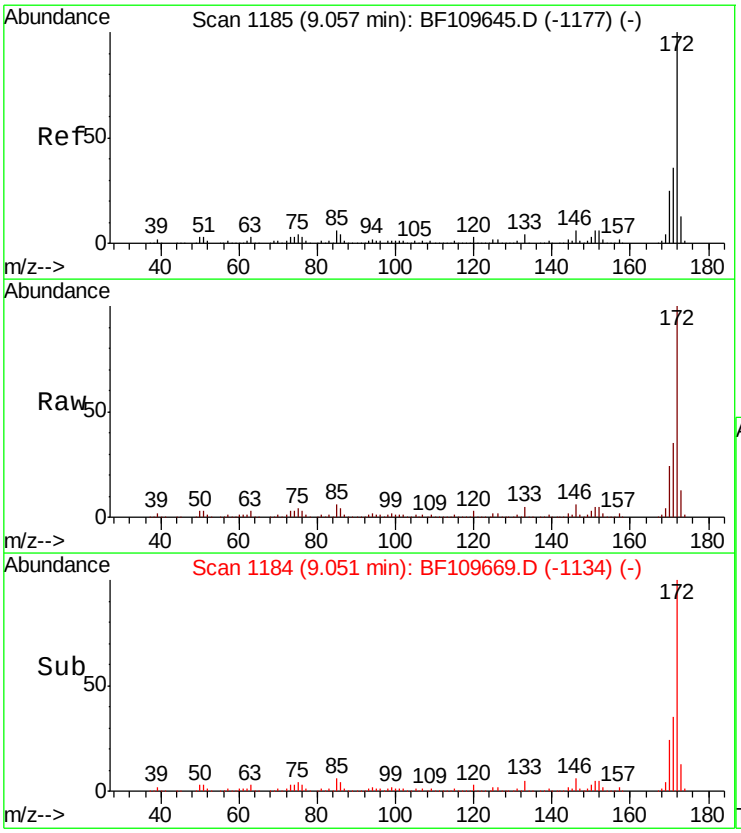
#41
2,4,6-Tribromophenol
Concen: 94.325 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:330 Resp: 162860

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	35.3	27.0	40.4

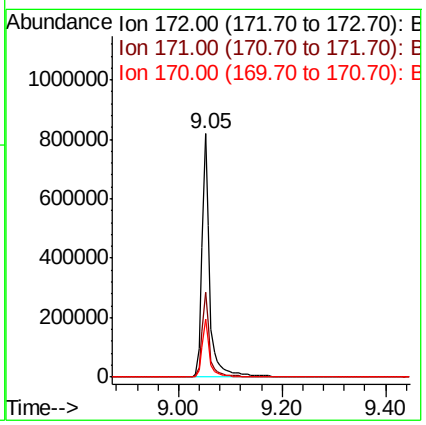


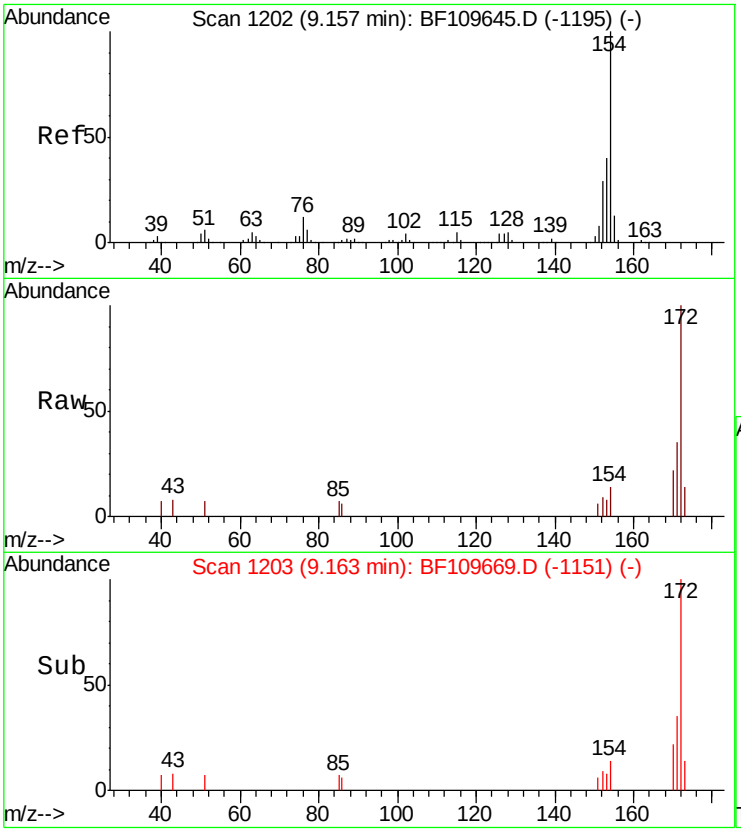


#44
2-Fluorobiphenyl
Concen: 74.477 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:172 Resp: 856892

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.9	19.7	29.5



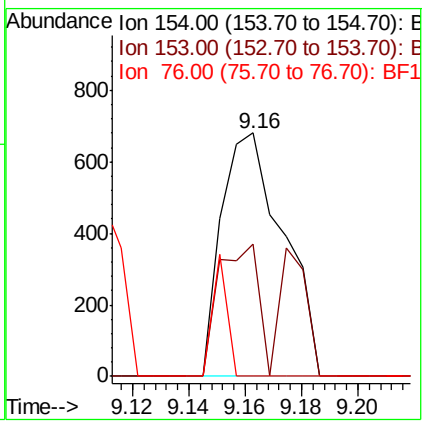


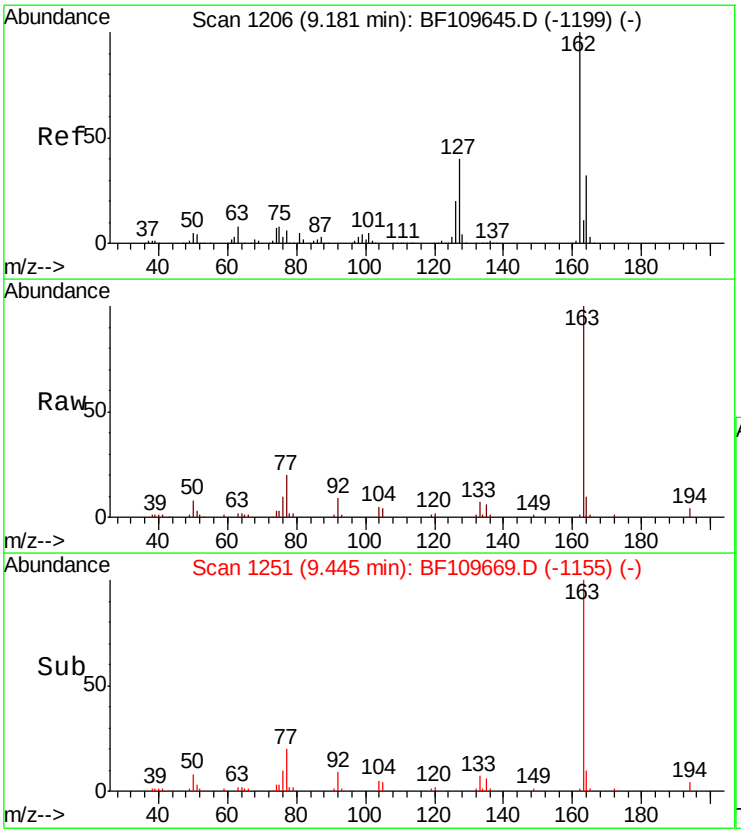
#45
1,1'-Biphenyl
Concen: 0.073 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:154 Resp: 1030

Ion	Ratio	Lower	Upper
154	100		
153	54.2	20.4	60.4
76	0.0	0.0	31.9

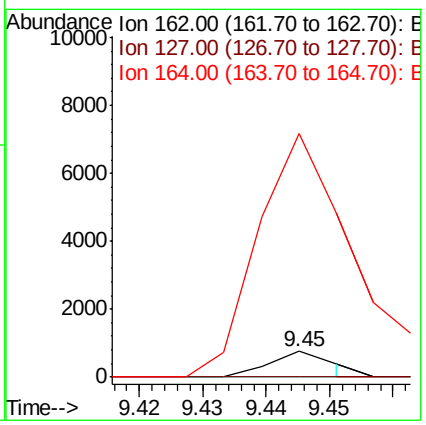


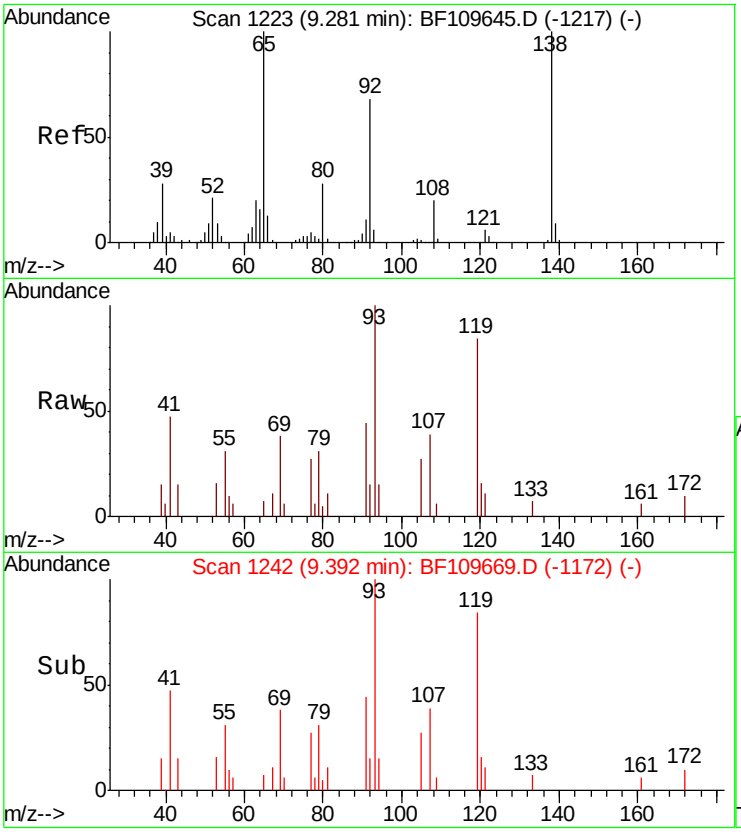


#46
2-Chloronaphthalene
Concen: 0.048 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.26 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:162 Resp: 513

Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.6	48.8#
164	949.7	25.9	38.9#



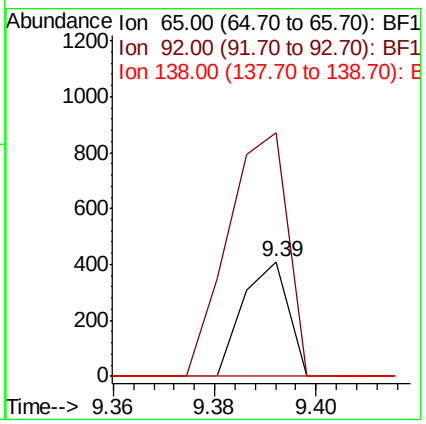


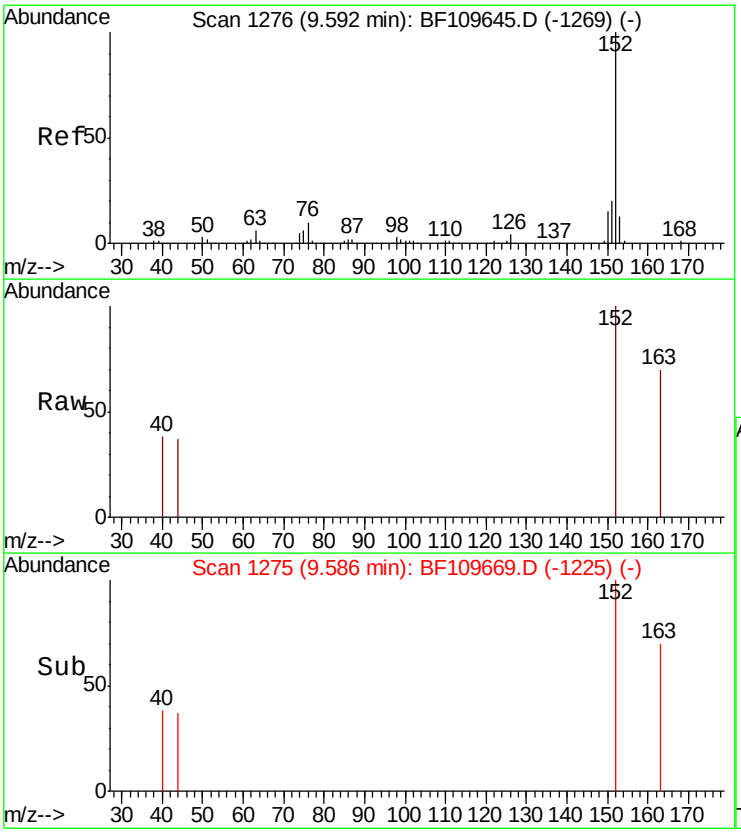
#47
2-Nitroaniline
Concen: 0.079 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.11 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 65 Resp: 253

Ion	Ratio	Lower	Upper
65	100		
92	212.4	54.6	81.8#
138	0.0	80.3	120.5#

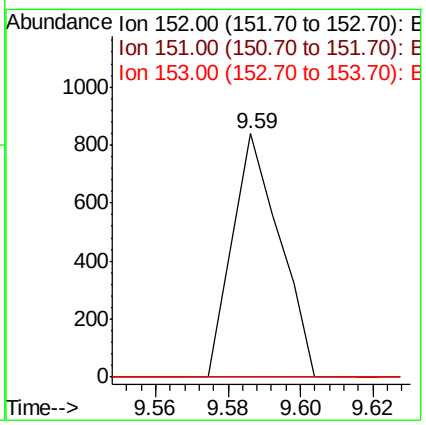


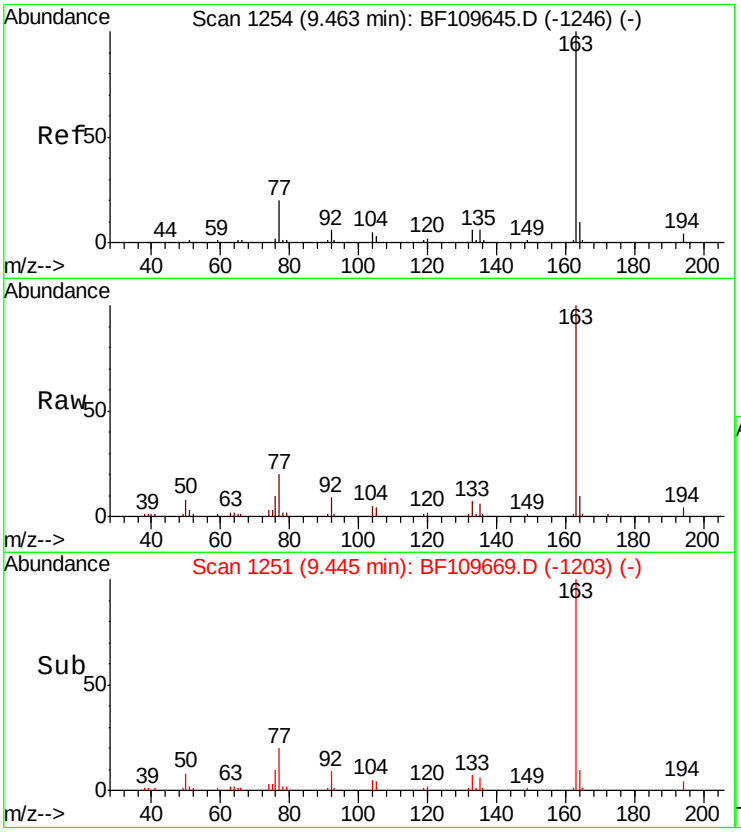


#48
Acenaphthylene
Concen: 0.049 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:152 Resp: 762

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.8#
153	0.0	10.4	15.6#



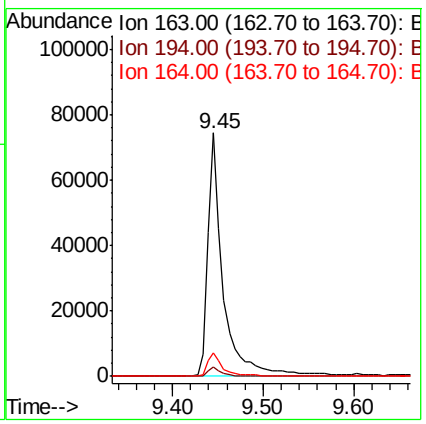


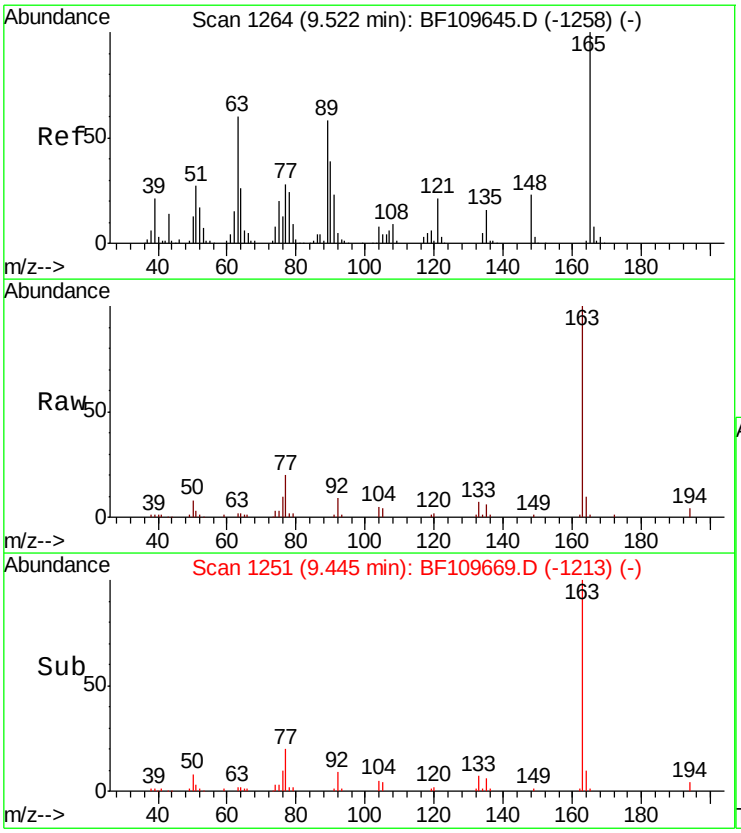
#49
Dimethylphthalate
Concen: 7.662 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:163 Resp: 89039

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.6	8.1	12.1

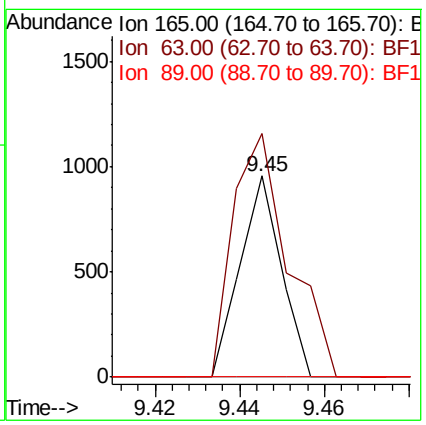


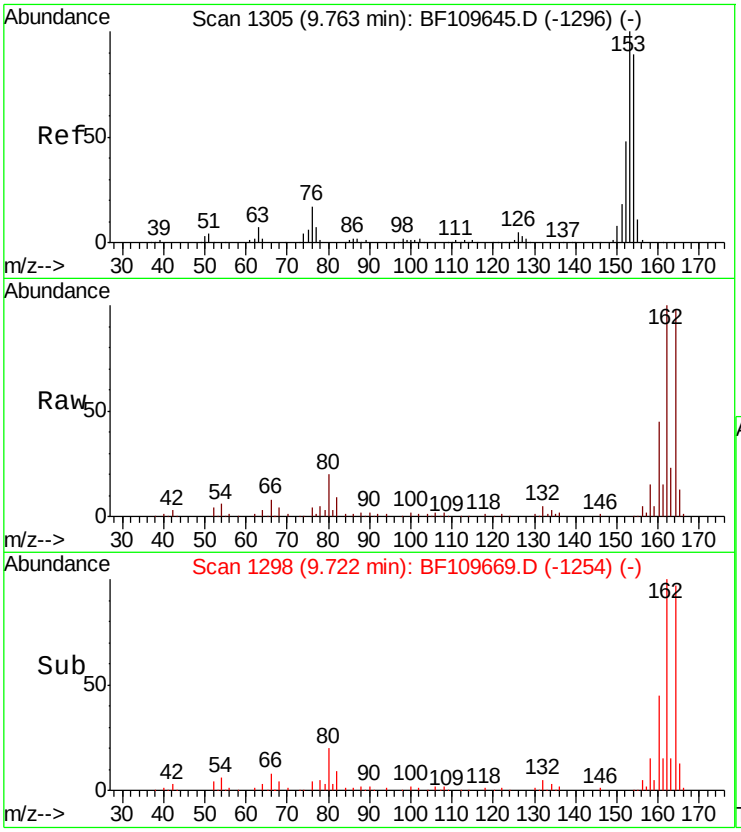


#50
2,6-Dinitrotoluene
Concen: 0.257 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.08 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:165 Resp: 647

Ion	Ratio	Lower	Upper
165	100		
63	121.3	48.9	73.3#
89	0.0	46.6	69.8#



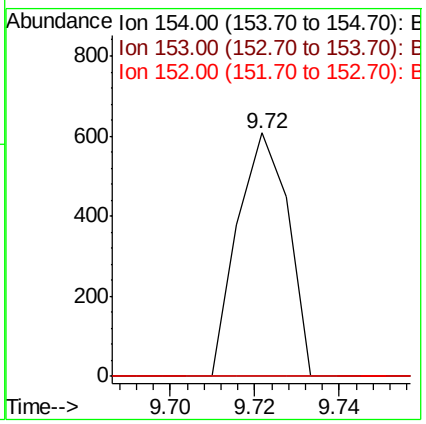


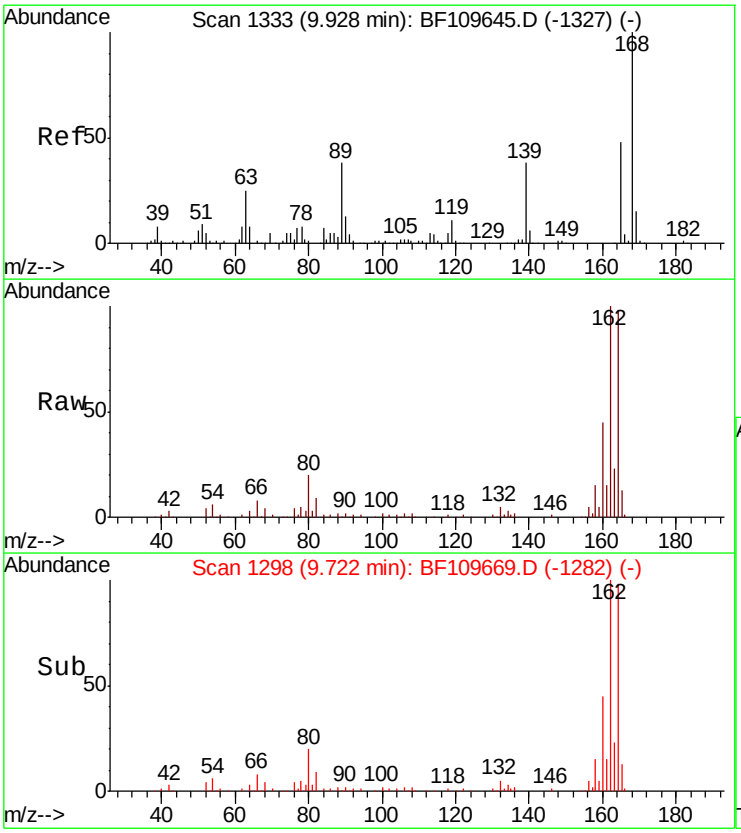
#51
Acenaphthene
Concen: 0.055 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.04 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:154 Resp: 507

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	43.4	65.2#

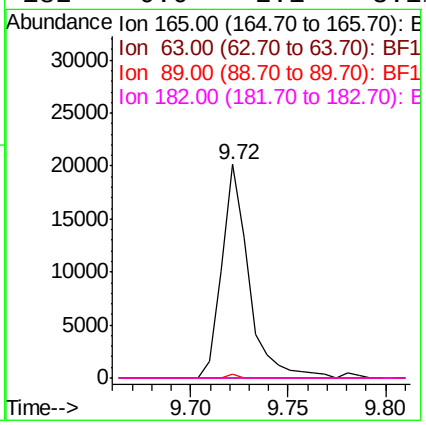


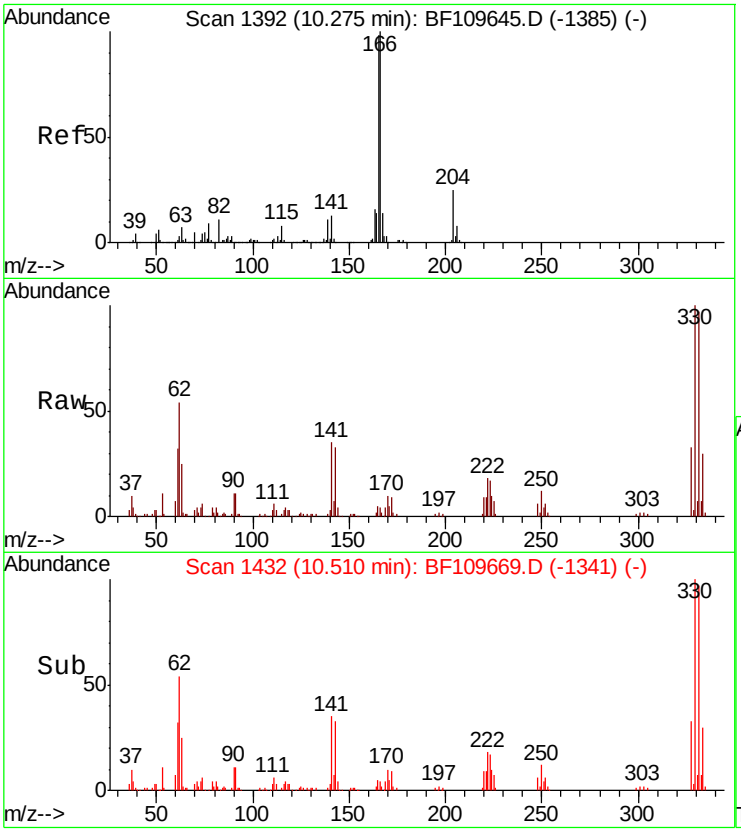


#56
2,4-Dinitrotoluene
Concen: 6.139 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:165 Resp: 19300

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



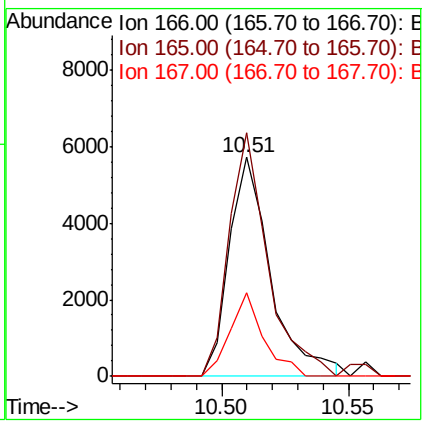


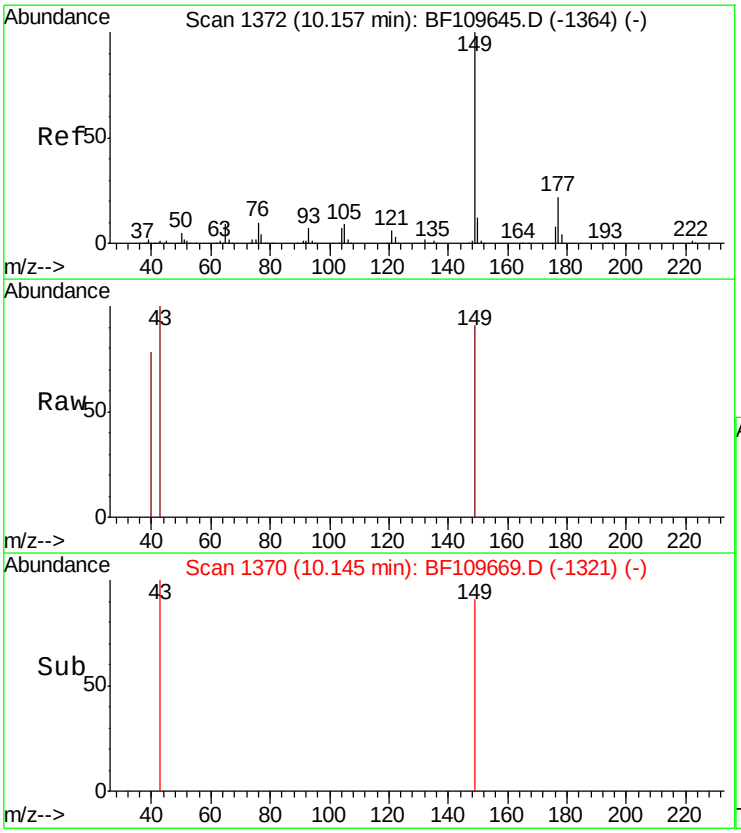
#57
Fluorene
Concen: 0.637 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.24 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:166 Resp: 6538

Ion	Ratio	Lower	Upper
166	100		
165	111.1	78.6	117.8
167	38.2	10.8	16.2#

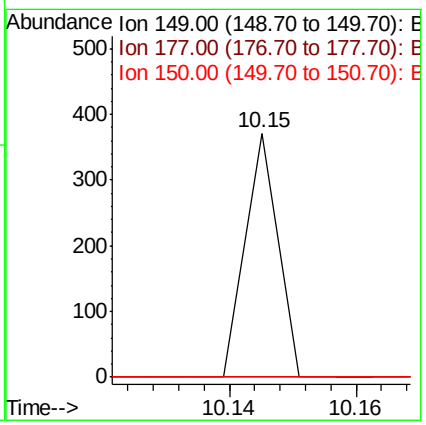


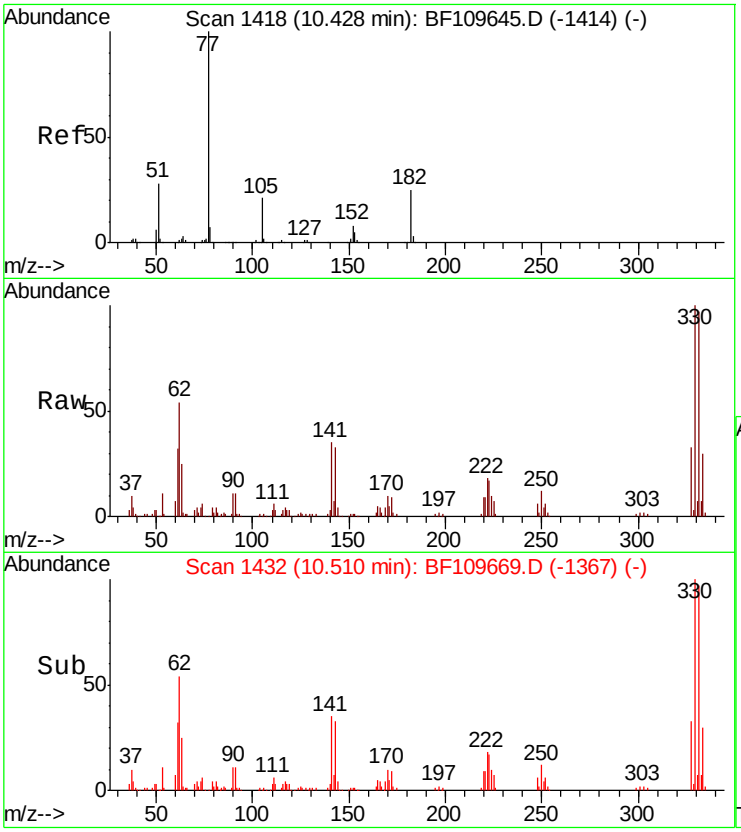


#59
Diethylphthalate
Concen: 0.011 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:149 Resp: 131

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.2#
150	0.0	9.8	14.8#



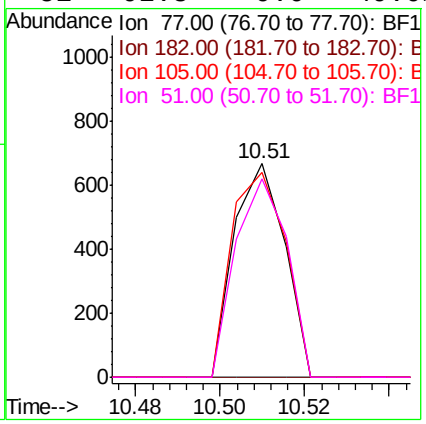


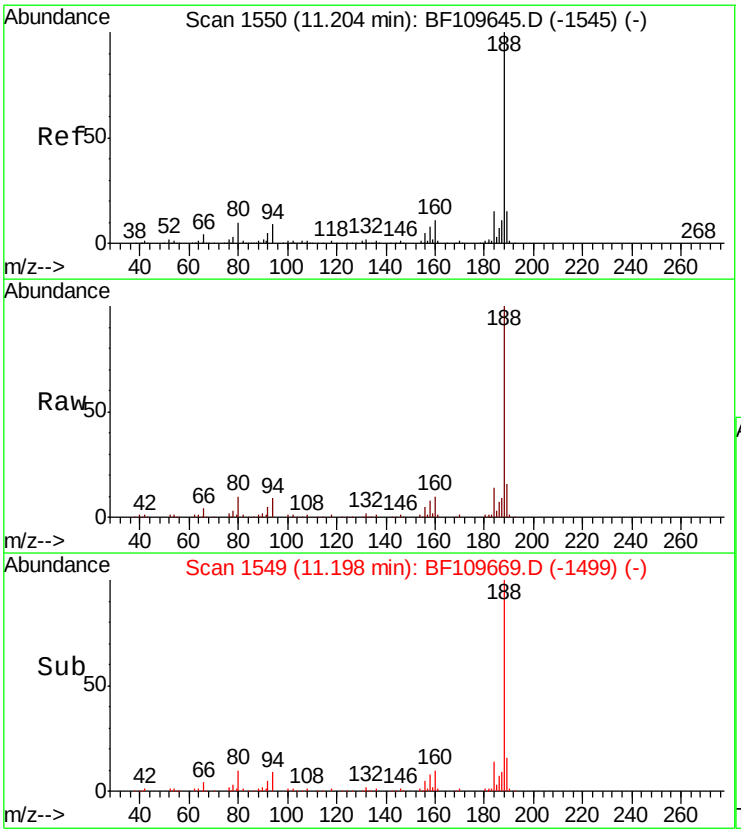
#62
Azobenzene
Concen: 0.048 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.08 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion: 77 Resp: 557

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.3	44.3#
105	95.7	1.3	41.3#
51	92.8	9.0	49.0#

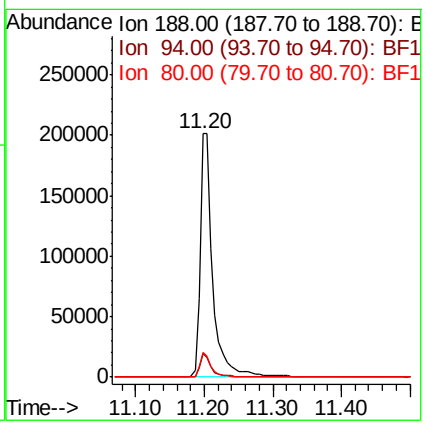


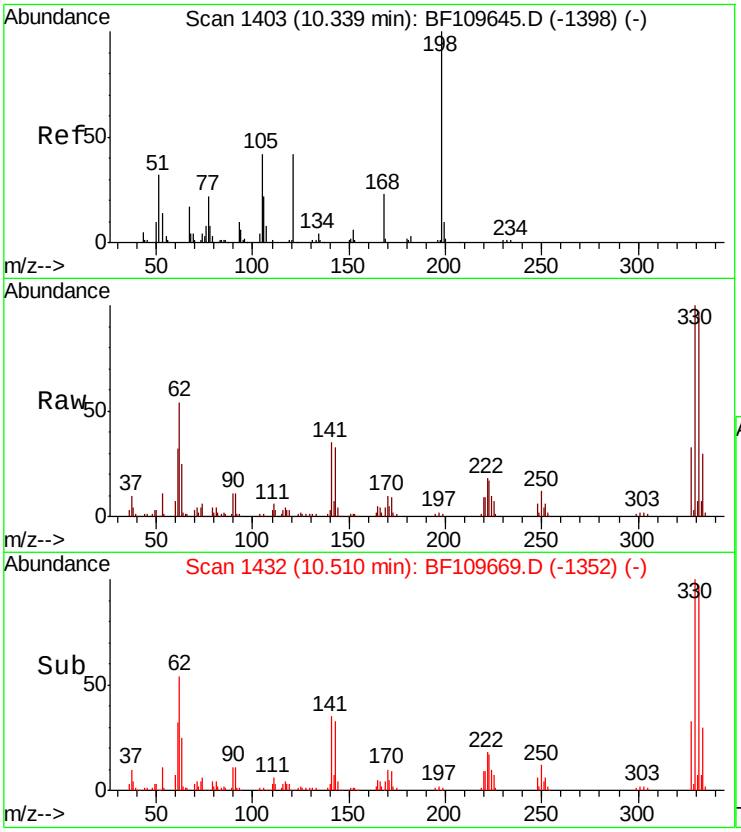


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:188 Resp: 262555

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.3	7.9	11.9



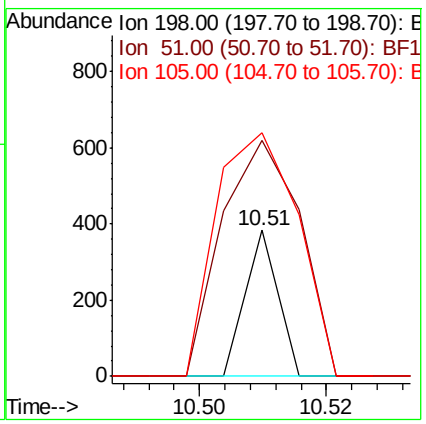


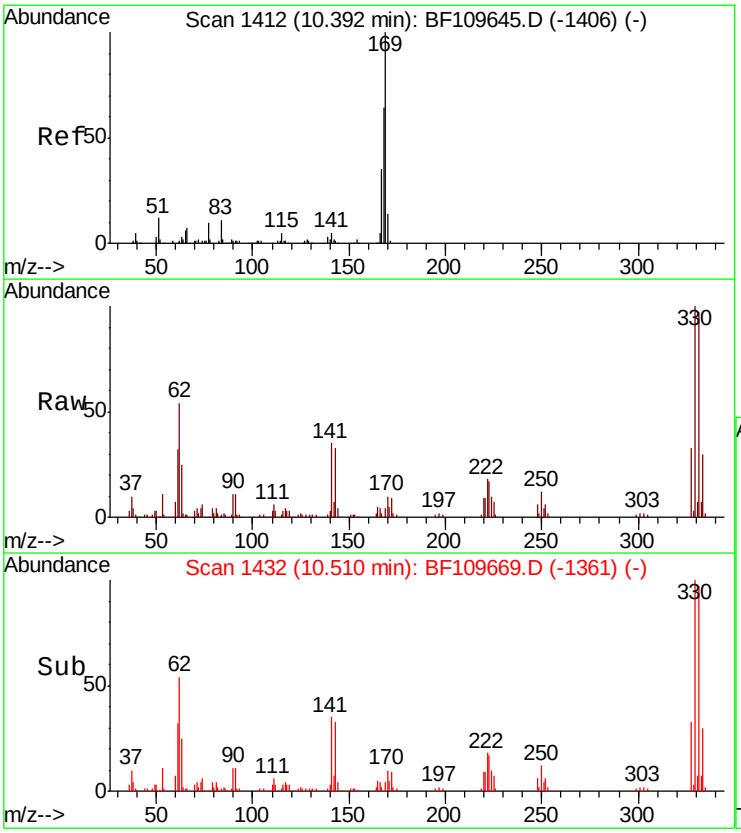
#64
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.17 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:198 Resp: 135

Ion	Ratio	Lower	Upper
198	100		
51	161.5	22.8	62.8#
105	166.4	23.6	63.6#

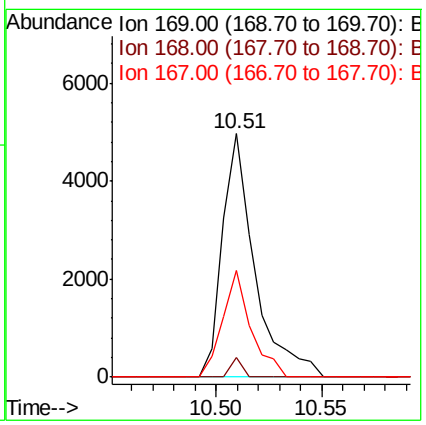


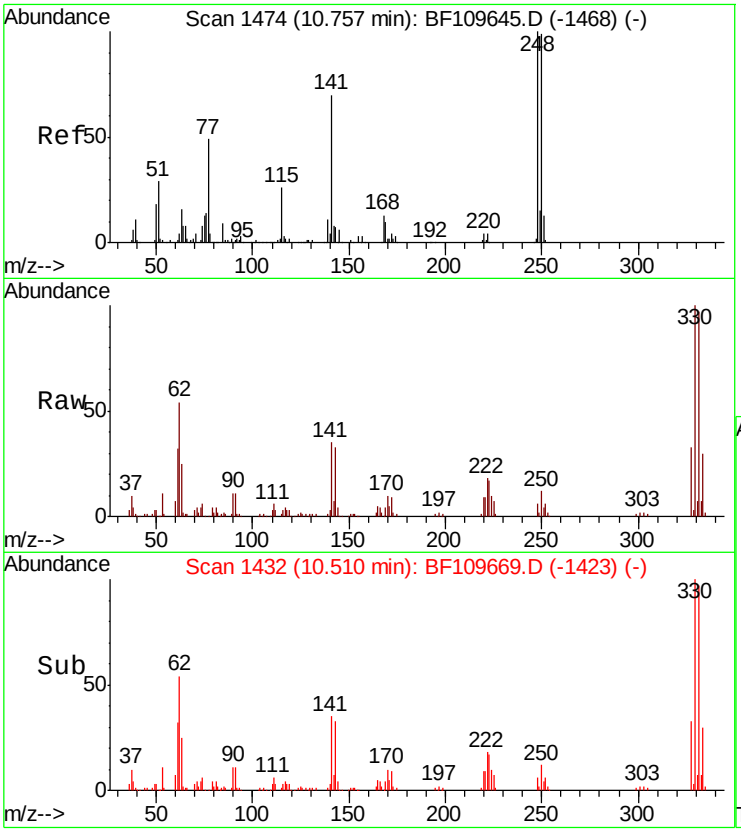


#65
n-Nitrosodiphenylamine
Concen: 0.594 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.12 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:169 Resp: 5283

Ion	Ratio	Lower	Upper
169	100		
168	8.1	51.2	76.8#
167	44.0	27.8	41.6#



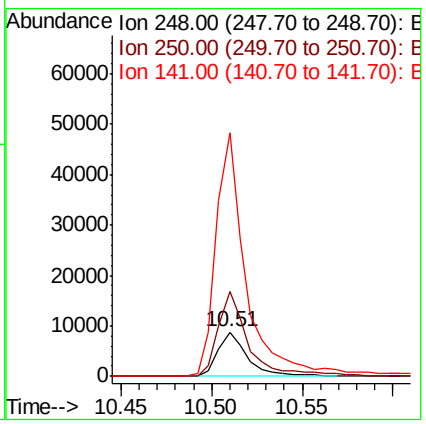


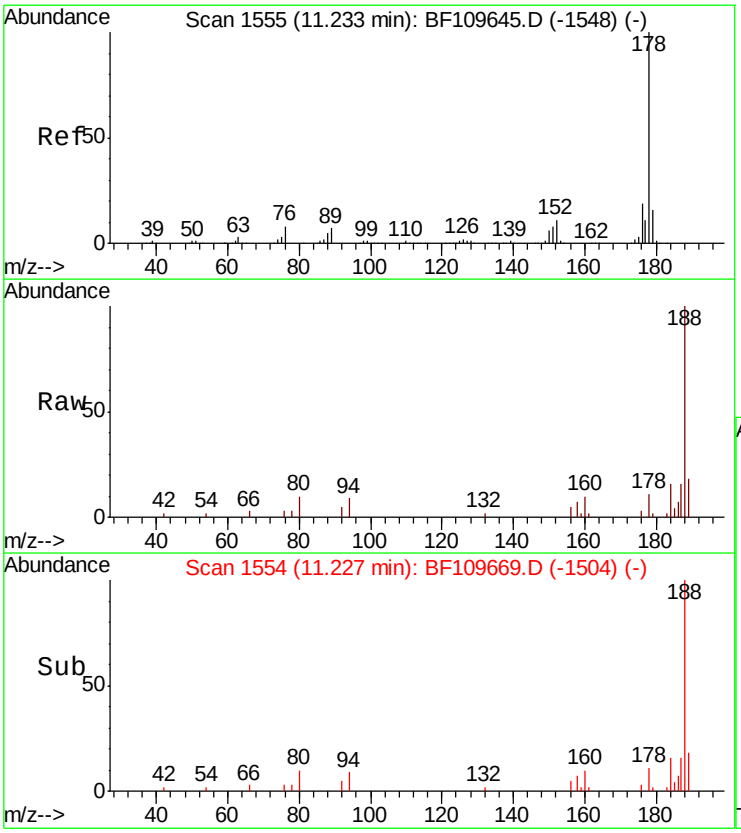
#66
4-Bromophenyl-phenylether
Concen: 3.307 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:248 Resp: 9978

Ion	Ratio	Lower	Upper
248	100		
250	191.7	79.4	119.2#
141	546.6	55.9	83.9#

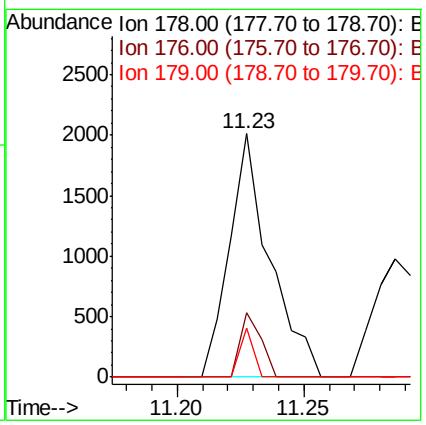


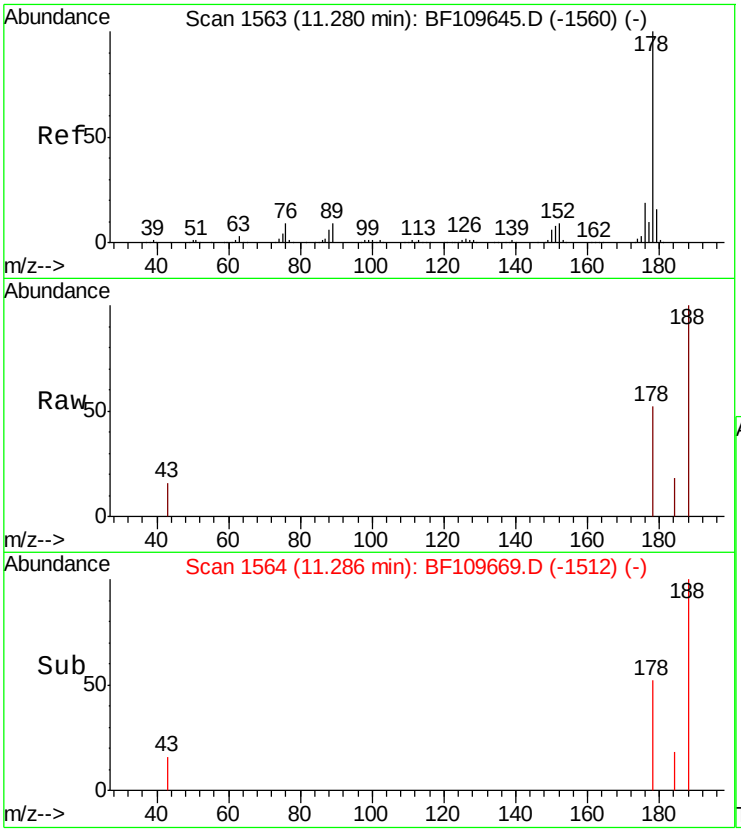


#70
Phenanthrene
Concen: 0.170 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:178 Resp: 2238

Ion	Ratio	Lower	Upper
178	100		
176	26.4	15.5	23.3#
179	20.1	12.5	18.7#



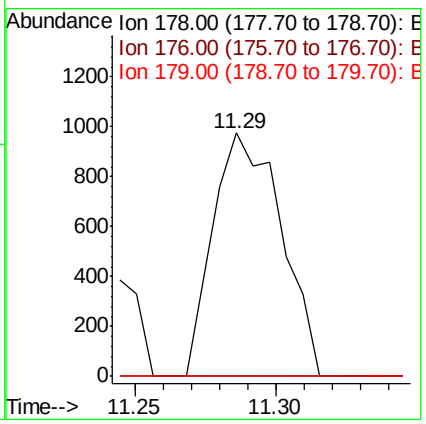


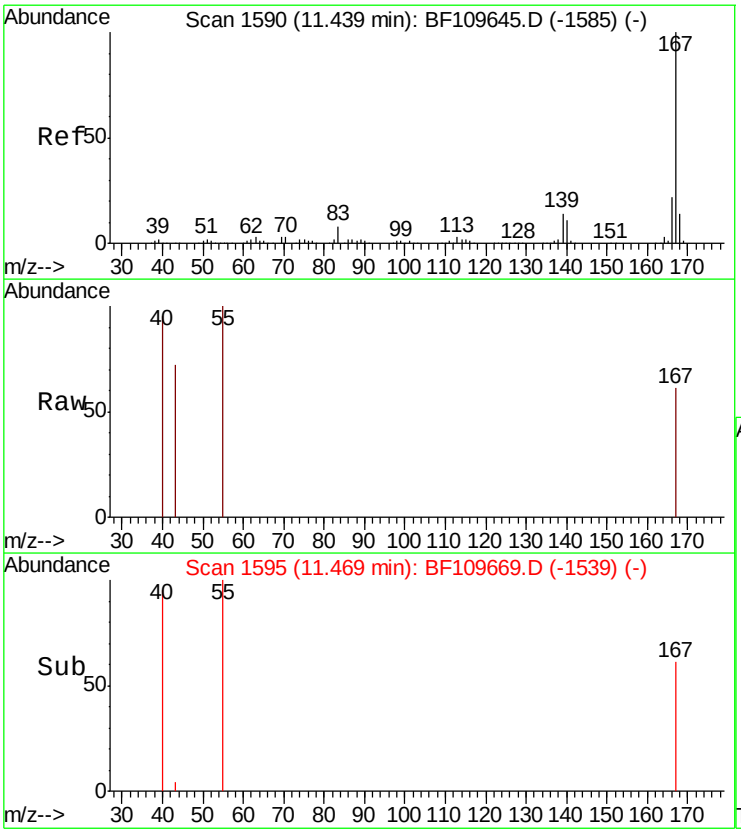
#71
Anthracene
Concen: 0.120 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:178 Resp: 1633

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.6	18.8#

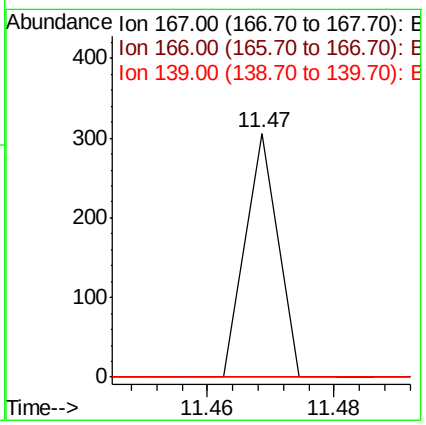


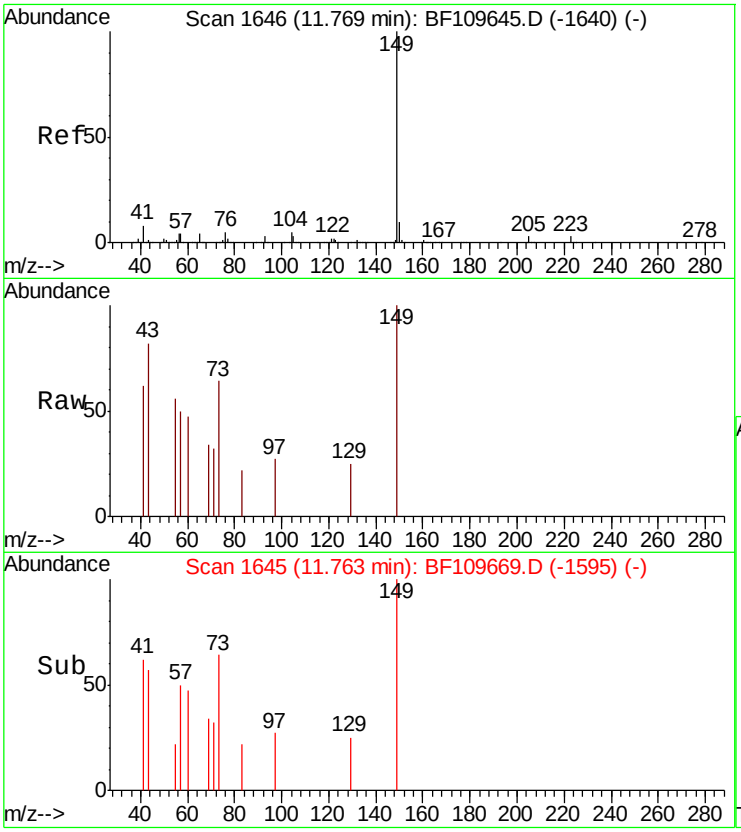


#72
Carbazole
Concen: 0.008 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.03 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:167 Resp: 108

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.4	26.0#
139	0.0	10.9	16.3#



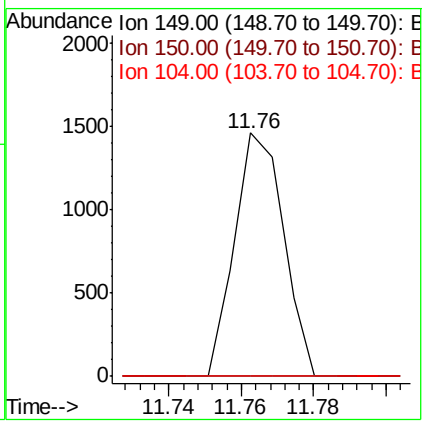


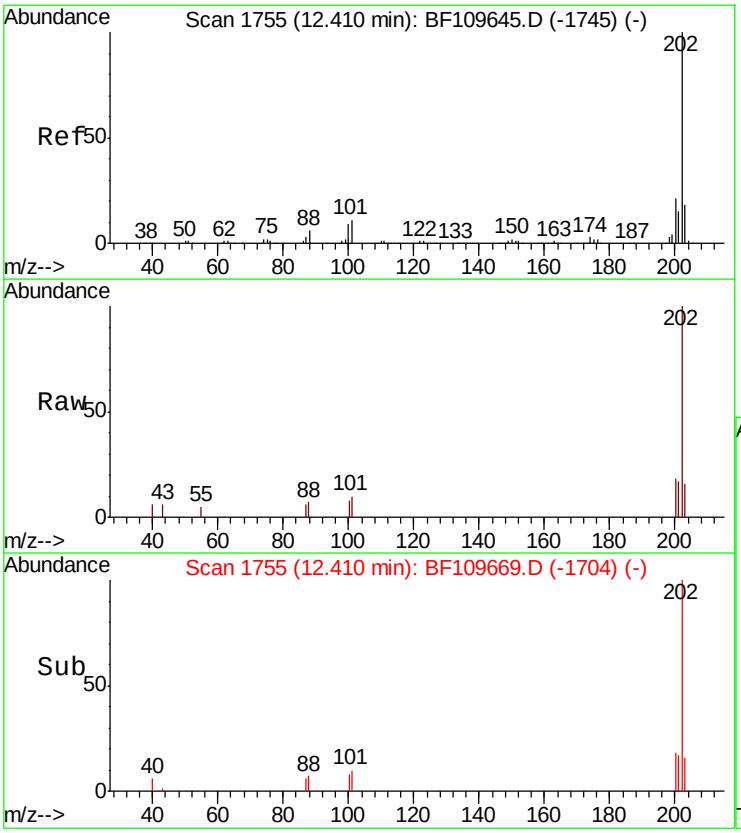
#73
Di-n-butylphthalate
Concen: 0.090 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:149 Resp: 1370

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.2	6.4#

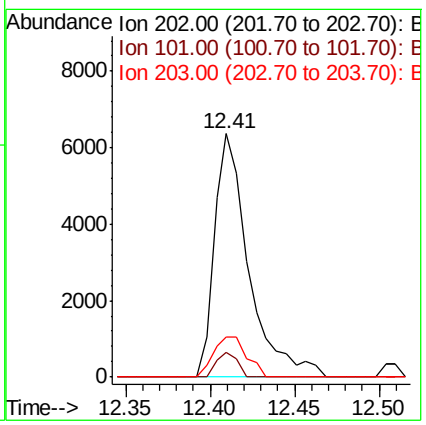


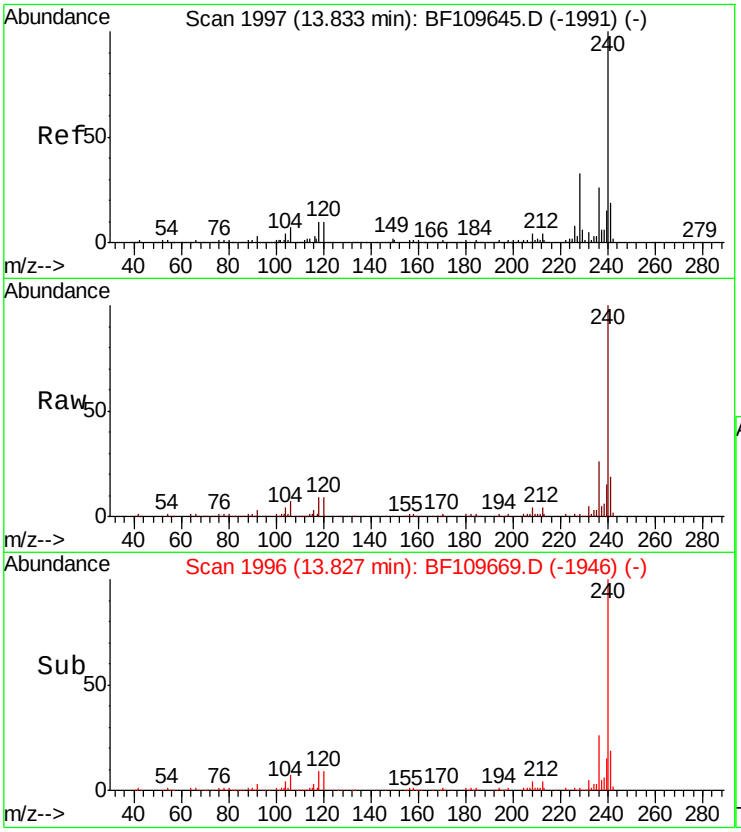


#74
Fluoranthene
Concen: 0.655 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:202 Resp: 8993

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	16.5	0.0	37.7



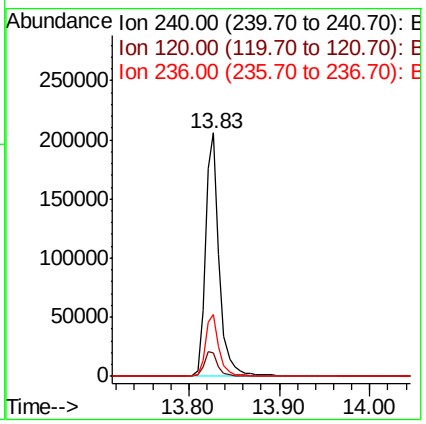


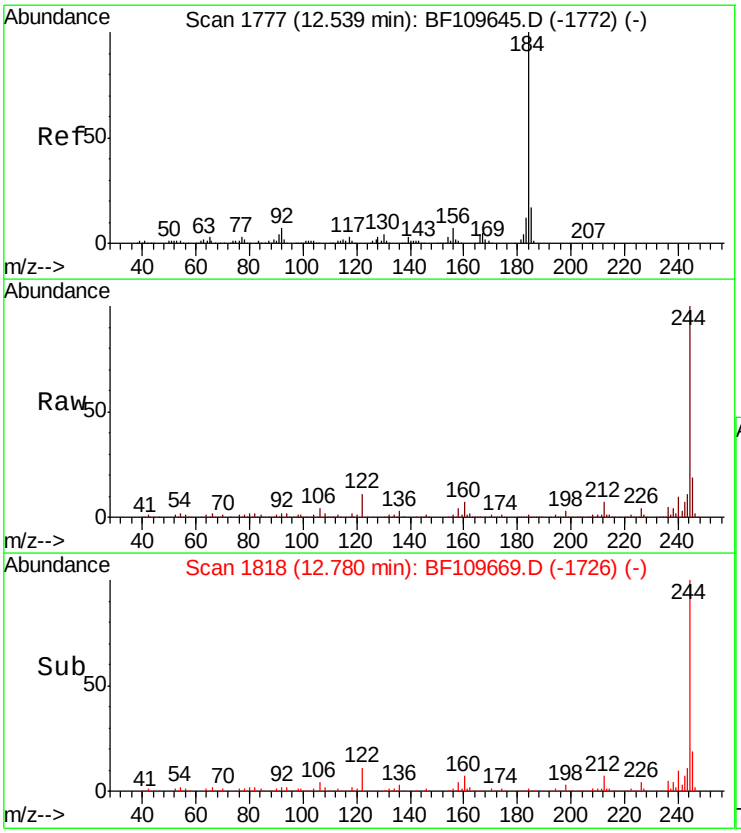
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:240 Resp: 219142

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.3	12.5
236	25.6	21.2	31.8

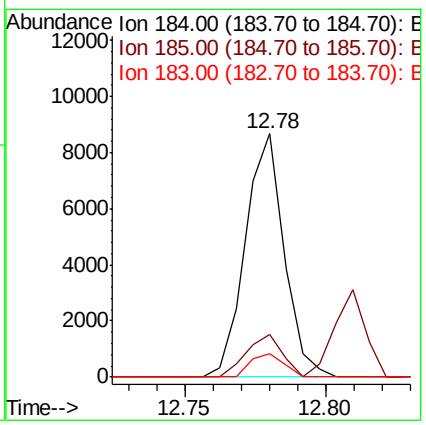


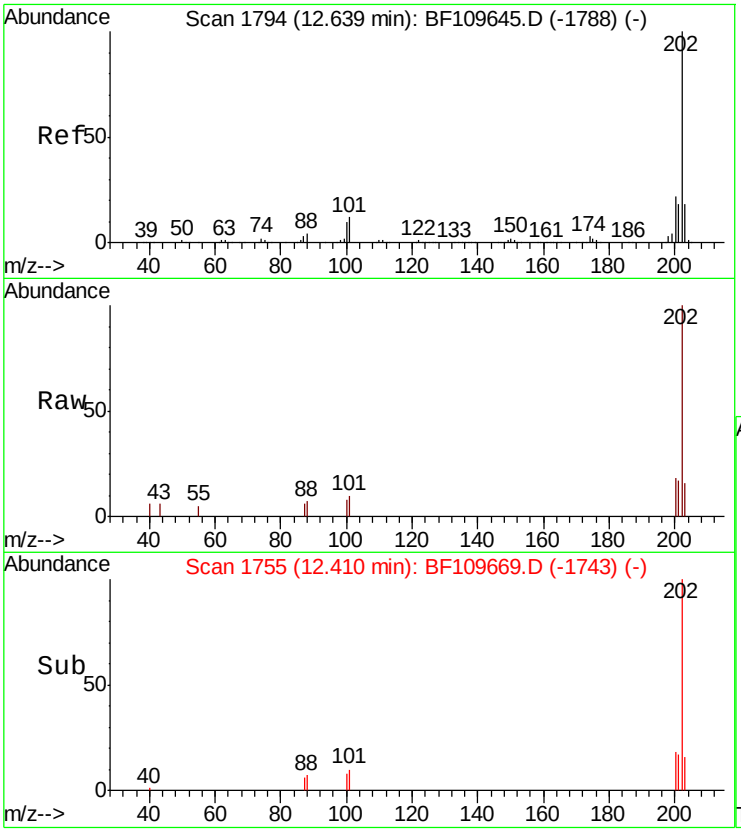


#76
Benzidine
Concen: 1.013 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.24 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:184 Resp: 8247

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.4	20.2
183	9.6	9.4	14.2



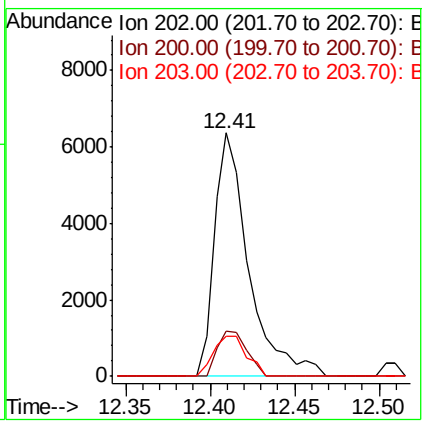


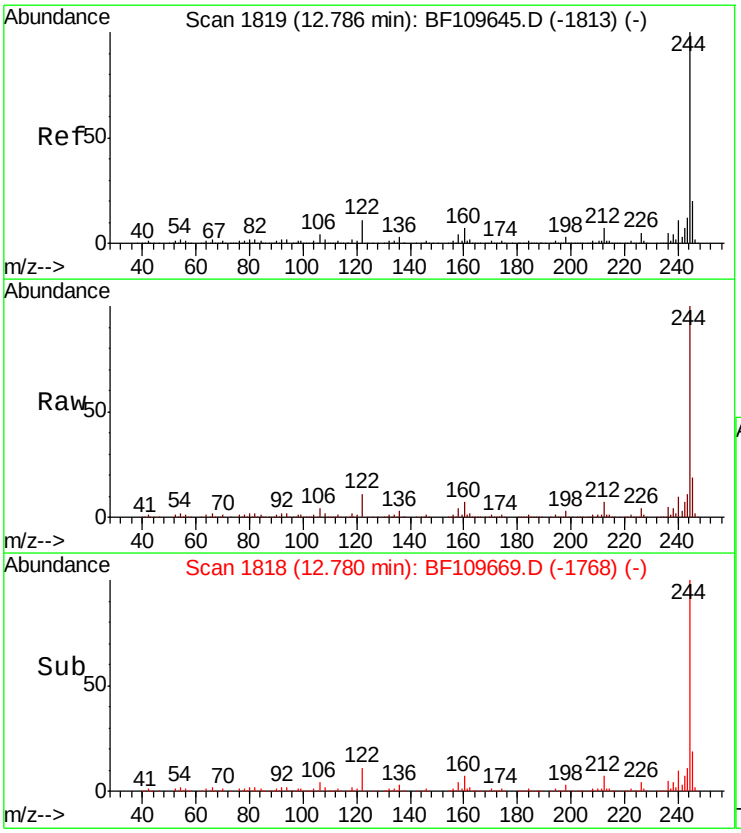
#77
Pyrene
Concen: 0.560 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.23 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:202 Resp: 8993

Ion	Ratio	Lower	Upper
202	100		
200	18.4	17.8	26.6
203	16.5	14.2	21.4

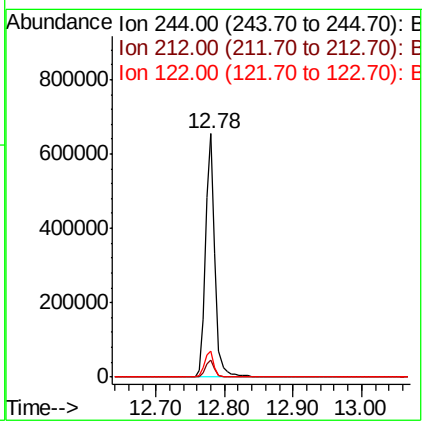


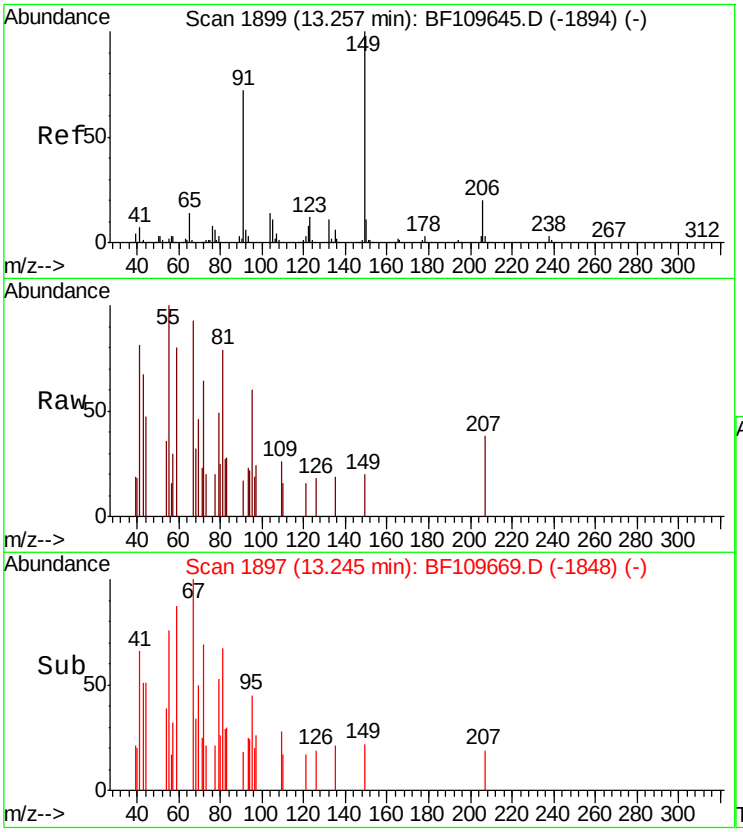


#78
Terphenyl-d14
Concen: 56.106 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:244 Resp: 635140

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.9	8.7	13.1



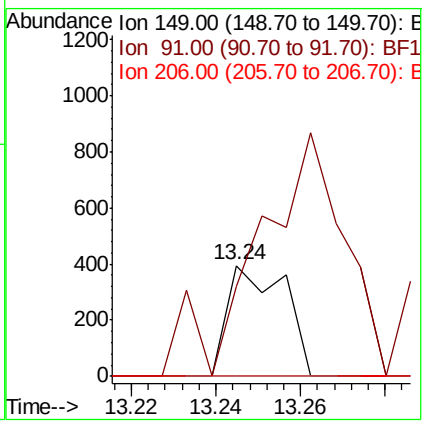


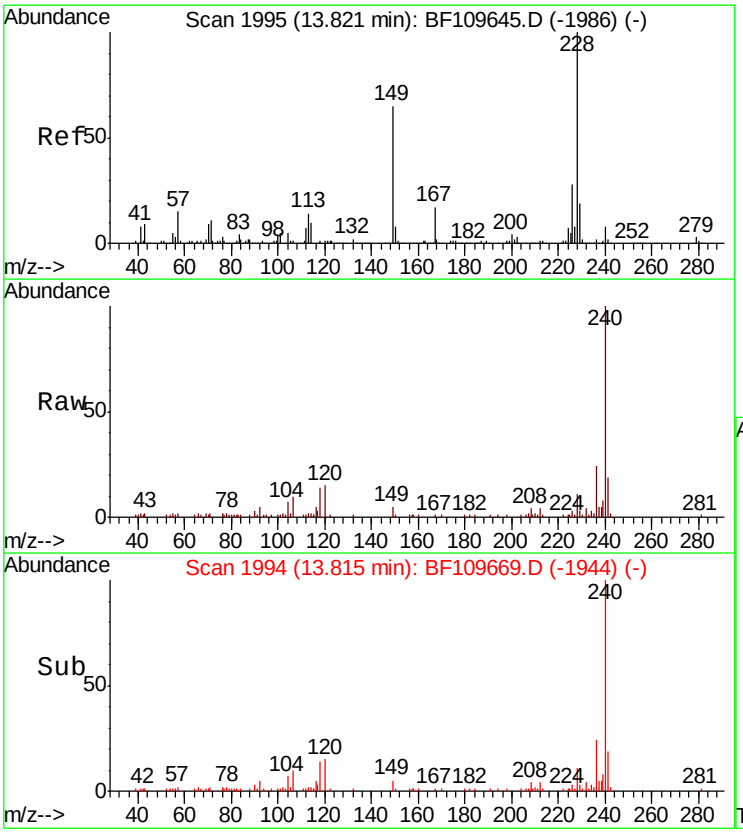
#79
Butylbenzylphthalate
Concen: 0.054 ng
RT: 13.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:149 Resp: 373

Ion	Ratio	Lower	Upper
149	100		
91	81.8	57.2	85.8
206	0.0	15.7	23.5#

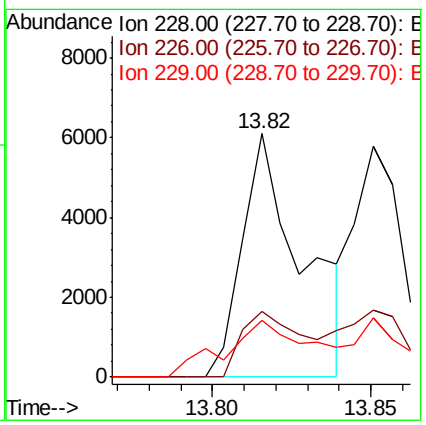


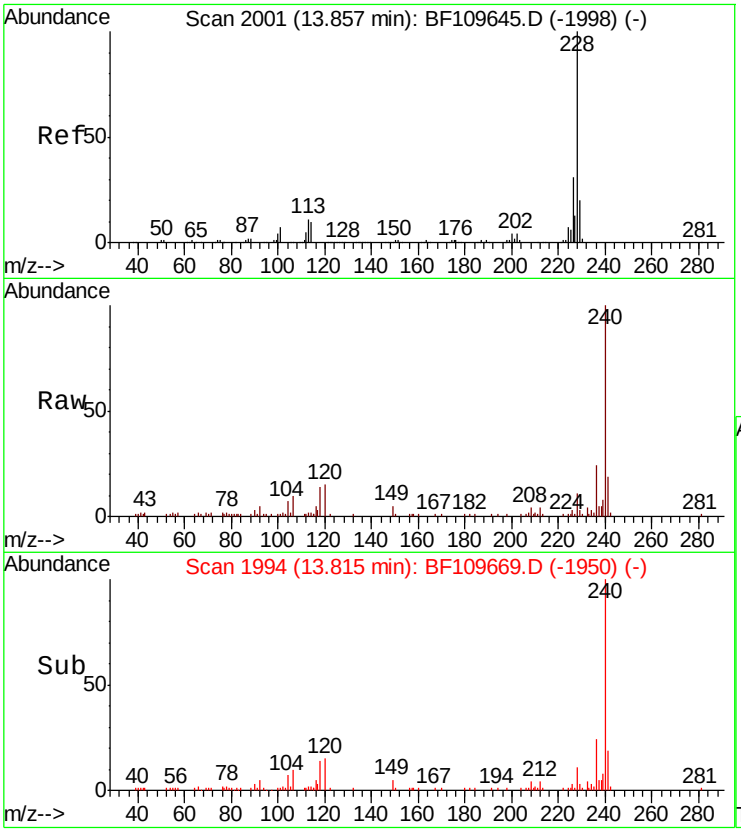


#80
Benzo(a)anthracene
Concen: 0.659 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:228 Resp: 7973

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	23.4	15.6	23.4#



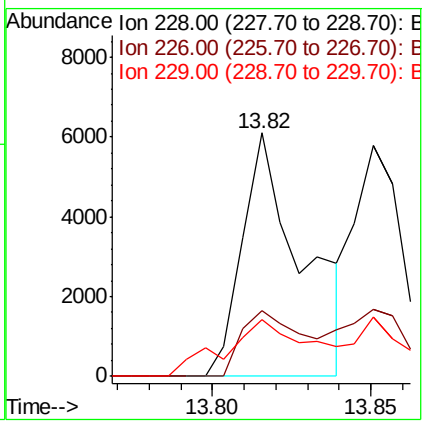


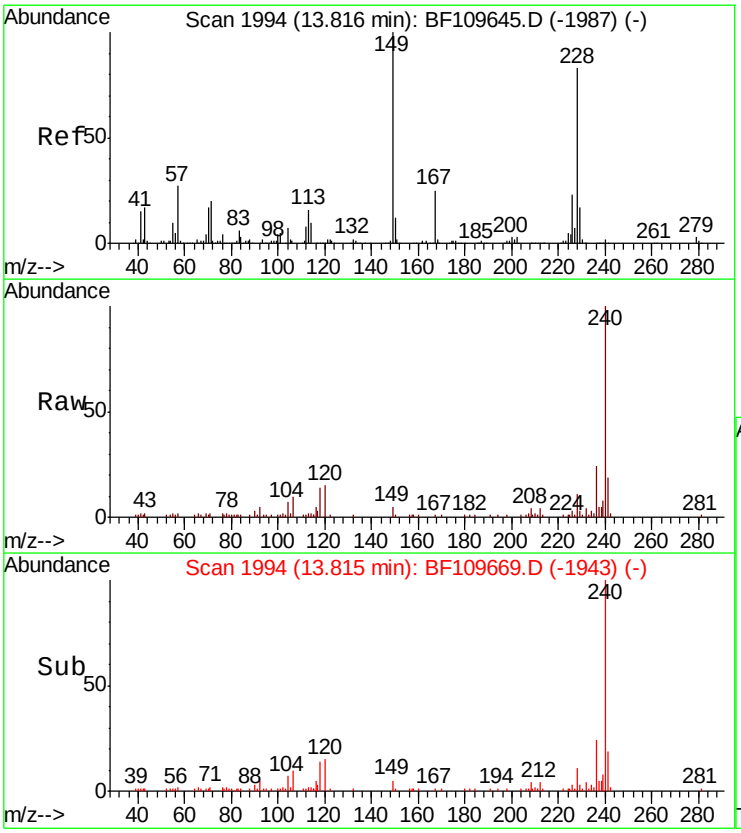
#82
Chrysene
Concen: 0.628 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.04 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:228 Resp: 7973

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.7	37.1
229	23.4	15.9	23.9

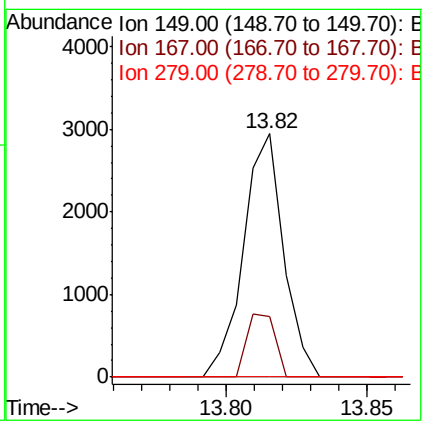


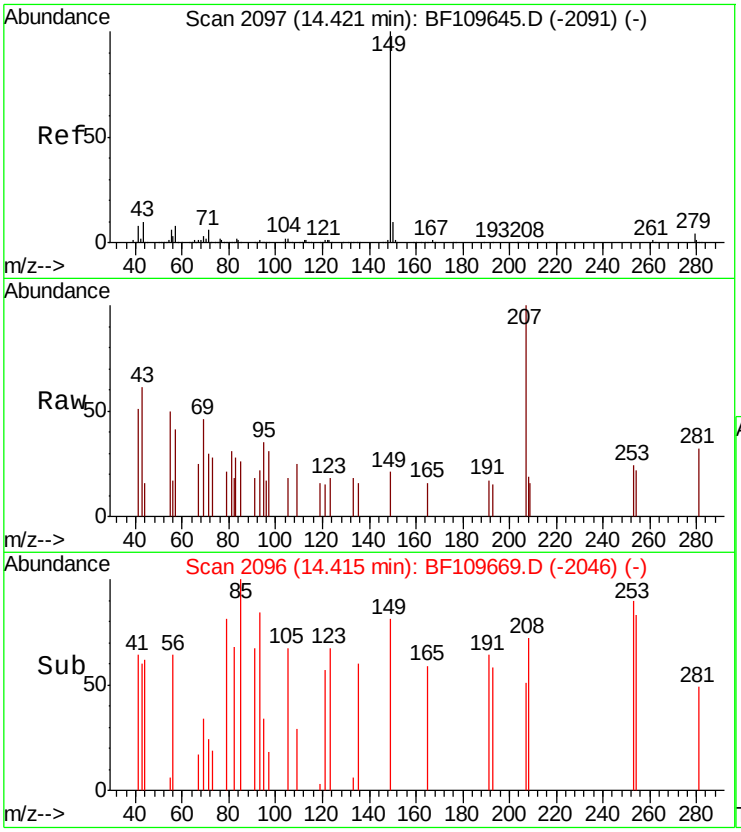


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:149 Resp: 2909

Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.8	29.8
279	0.0	2.7	4.1#



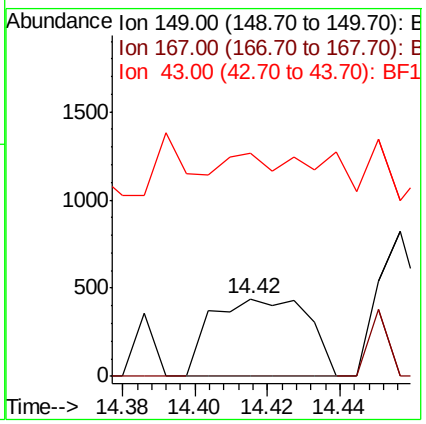


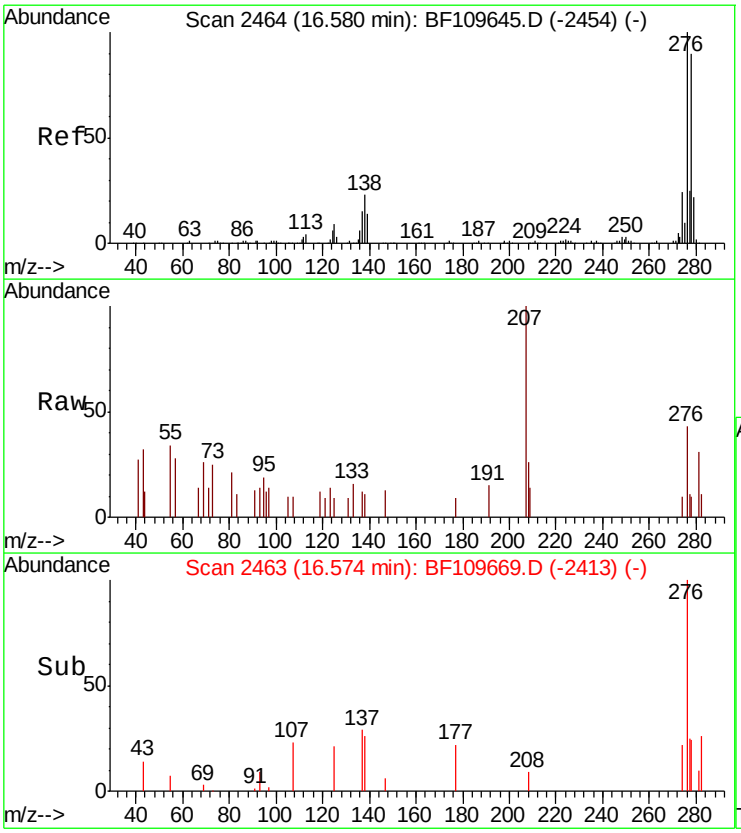
#84
Di-n-octyl phthalate
Concen: 0.061 ng
RT: 14.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:149 Resp: 819

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	0.0	7.8	11.8#

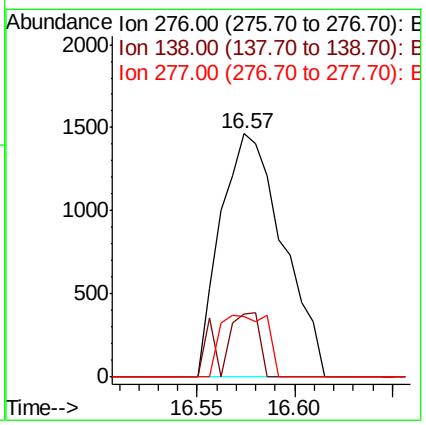


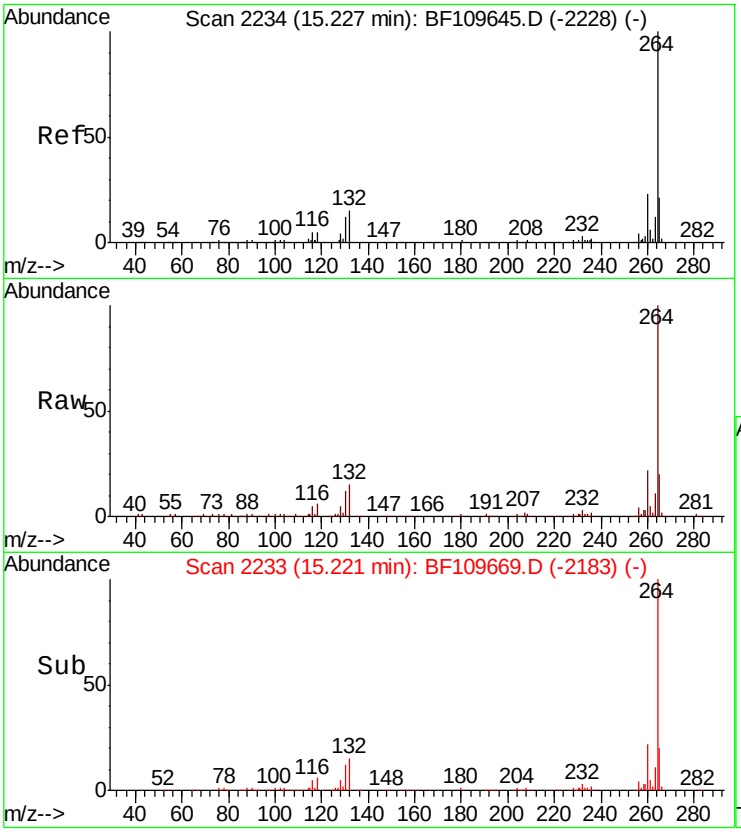


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:276 Resp: 3237

Ion	Ratio	Lower	Upper
276	100		
138	15.8	18.5	27.7#
277	19.2	20.0	30.0#



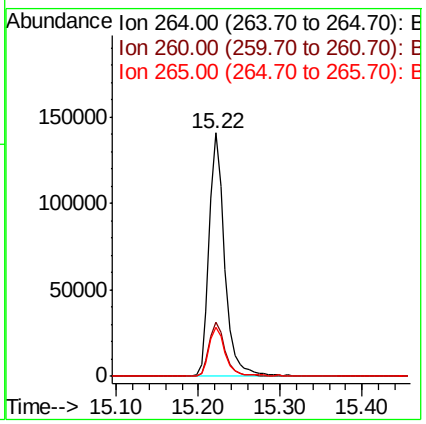


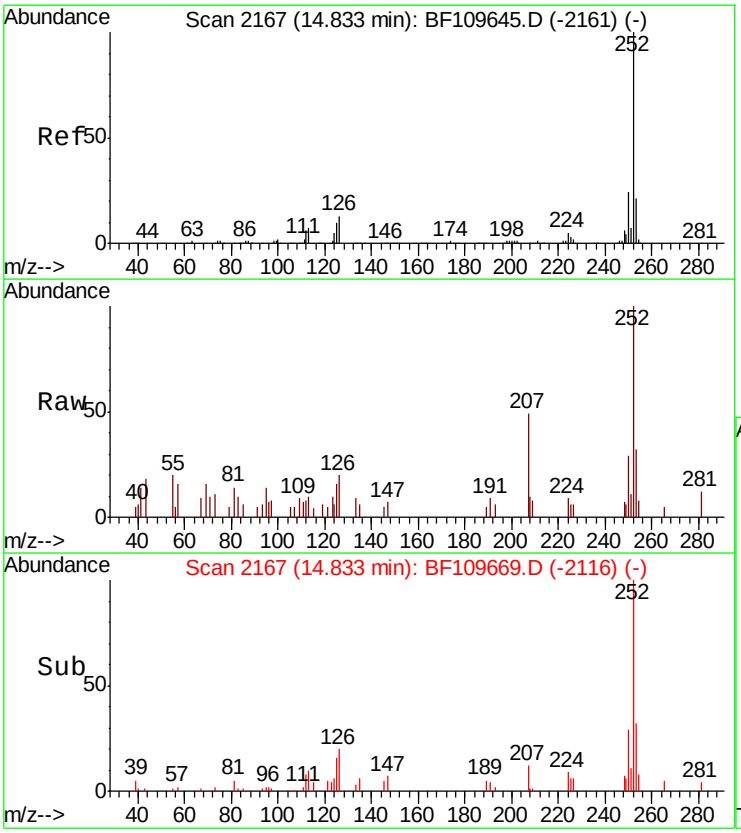
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:264 Resp: 186769

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.3	16.7	25.1

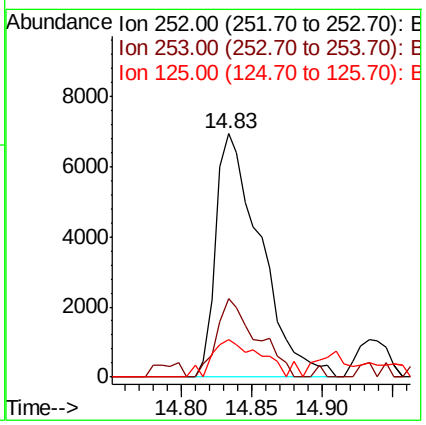


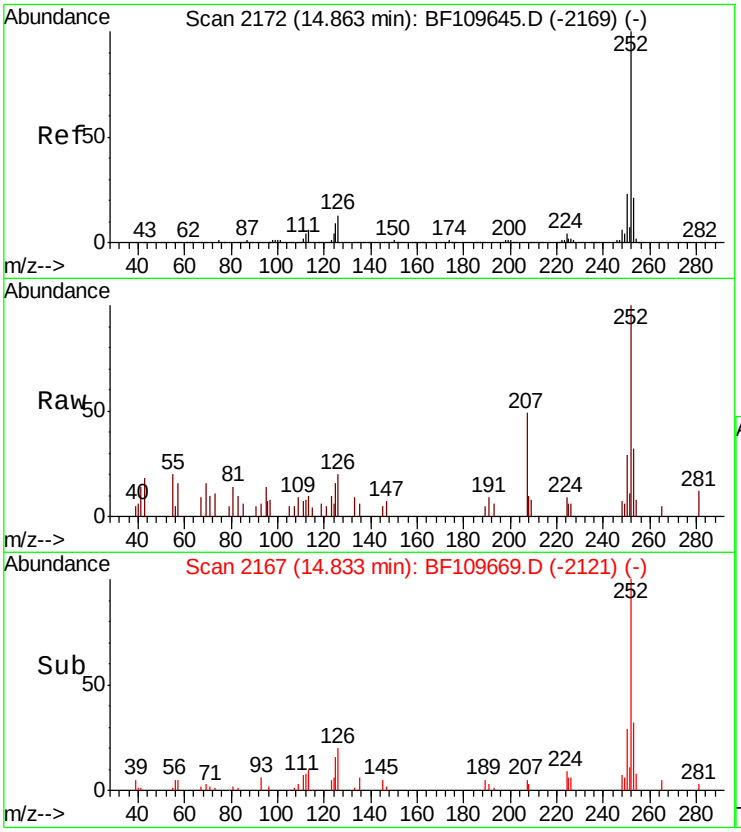


#87
Benzo(b)fluoranthene
Concen: 1.481 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:252 Resp: 15289

Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.2	25.8#
125	15.6	8.2	12.4#



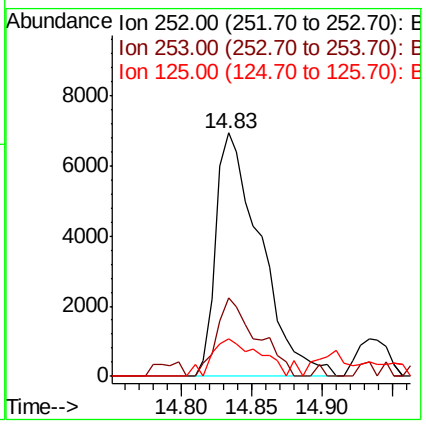


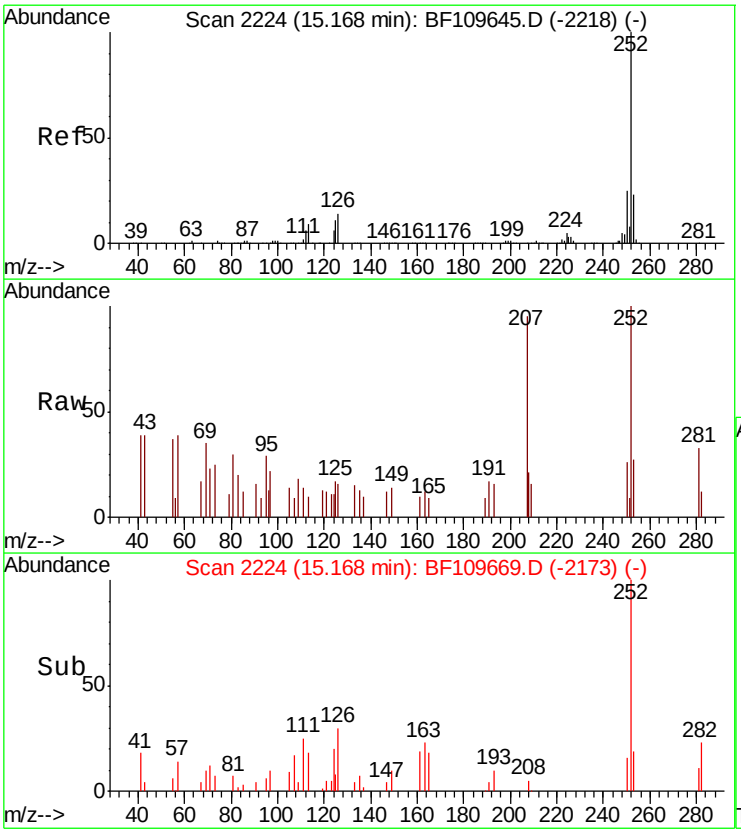
#88
Benzo(k)fluoranthene
Concen: 1.474 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:252 Resp: 15289

Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.2	25.8#
125	15.6	7.4	11.0#

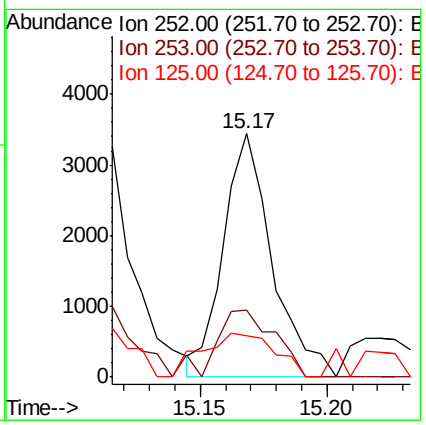


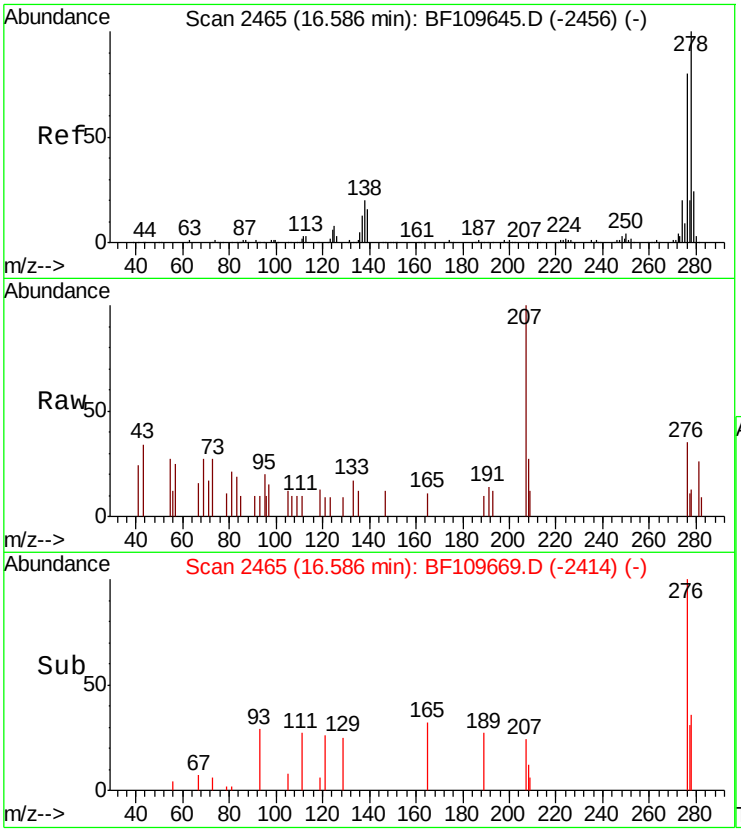


#89
Benzo(a)pyrene
Concen: 0.492 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:252 Resp: 4612

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.4#
125	17.2	9.0	13.6#



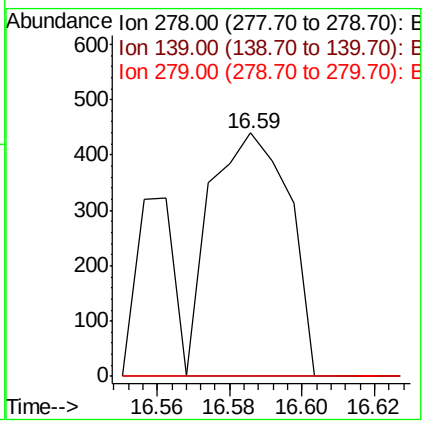


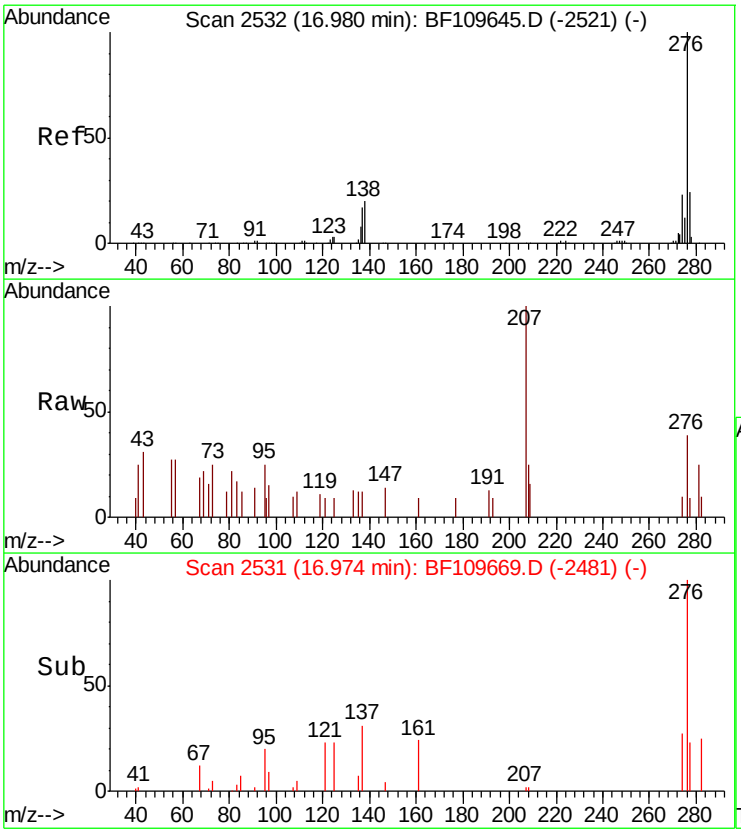
#90
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Instrument :
BNA_F
ClientSampleId :
TRACK-D-7

Tgt Ion:278 Resp: 663

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	0.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.364 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF109669.D
Acq: 9 Oct 2018 1:13

Tgt Ion:276 Resp: 2793

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	0.0	16.0	24.0#