Quantitation Report (Not Reviewed)

Data Path : \\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102459.D
Acq On : 26 Jan 2018 8:48
Operator : SJ/JU
Sample : J1256-07DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DB-OF-N-S-(EW0-4)DL

Quant Time: Jan 26 11:42:10 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124992	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	490126	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	181966	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	280857	20.00	ng		0.00
75) Chrysene-d12	13.89	240	192671	20.00	ng		0.01
86) Perylene-d12	15.34	264	154037	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	171216	20.77	ng		0.00
7) Phenol-d6	6.35	99	201999	20.33	ng		-0.02
23) Nitrobenzene-d5	7.28	82	110927	13.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	29747	16.50	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	215820	17.44	ng		-0.01
78) Terphenyl-d14	12.82	244	149197	17.46	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.02	128	119926	4.901	ng		99
37) 2-Methylnaphthalene	8.71	142	42428	2.603	ng		99
49) Dimethylphthalate	9.47	163	37515	2.494	ng	#	96
51) Acenaphthene	9.78	154	83533	7.259	ng		98
54) Dibenzofuran	9.96	168	68849	4.421	ng		98
57) Fluorene	10.30	166	95794	7.763	ng		96
70) Phenanthrene	11.26	178	735372	44.933	ng		100
71) Anthracene	11.31	178	208196	12.463	ng		98
72) Carbazole	11.47	167	107060	6.569	ng		98
74) Fluoranthene	12.46	202	779778	46.723	ng		99
77) Pyrene	12.69	202	692420	46.482	ng		99
80) Benzo(a)anthracene	13.88	228	292235	24.636	ng		98
82) Chrysene	13.92	228	259162	21.515	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	20976	2.105	ng	#	81
85) Indeno(1,2,3-cd)pyrene	16.74	276	108727	10.929	ng		96
87) Benzo(b)fluoranthene	14.93	252	355429	35.600	ng	#	70
88) Benzo(k)fluoranthene	14.93	252	355429	37.681	ng	#	73
89) Benzo(a)pyrene	15.28	252	174911	19.425	ng	#	71
90) Dibenzo(a,h)anthracene	16.75	278	28525	3.911	ng	#	24
91) Benzo(g,h,i)perylene	17.17	276	103618	14.387	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : \\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102459.D
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BNA_F
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DB-OF-N-S-(EW0-4)DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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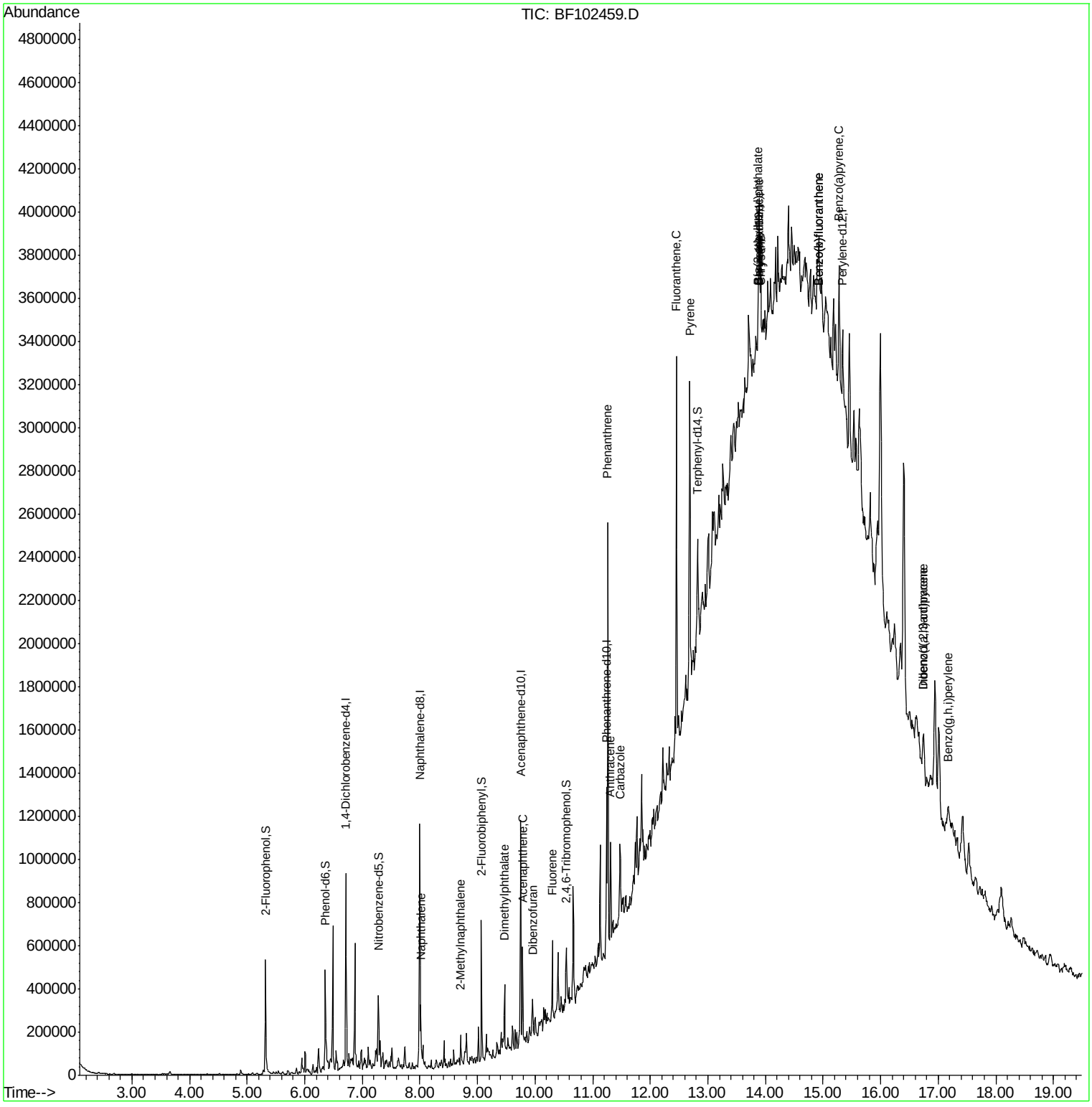
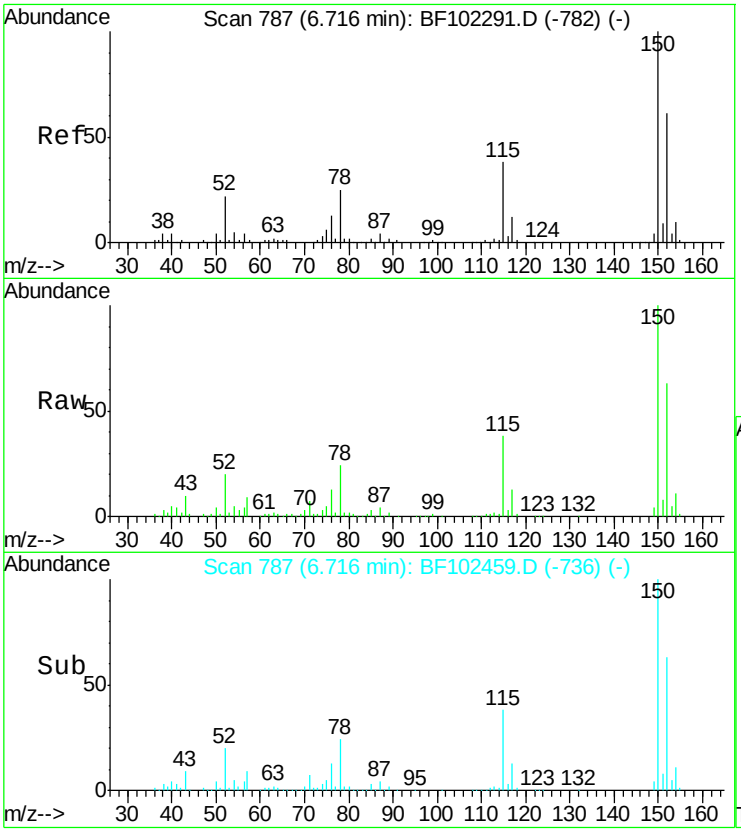


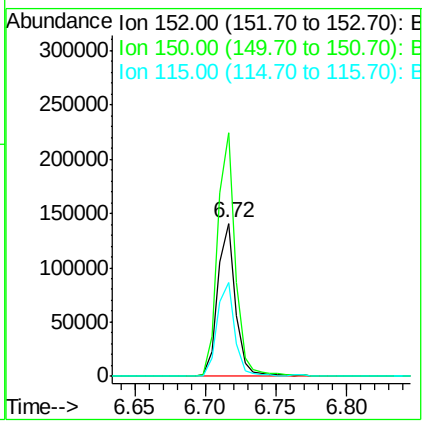


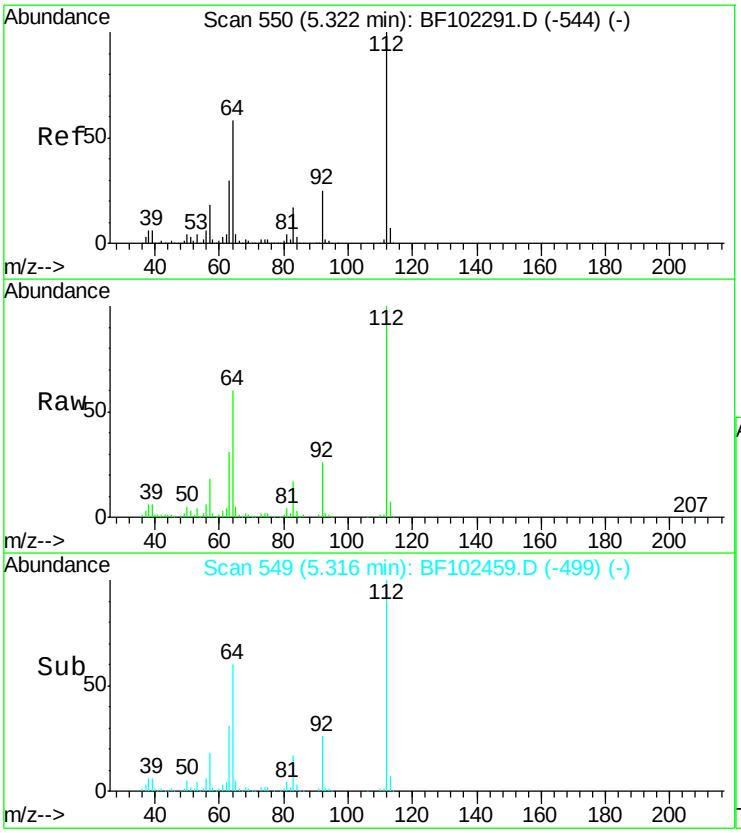
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:152 Resp: 124992

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	61.1	50.1	75.1

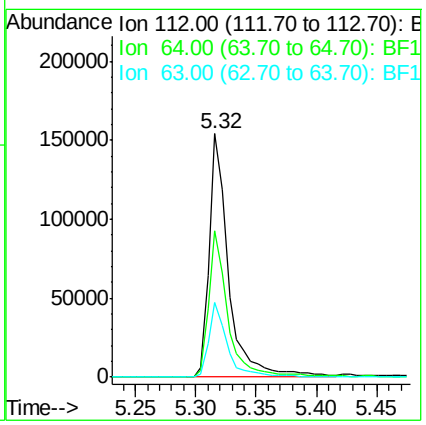


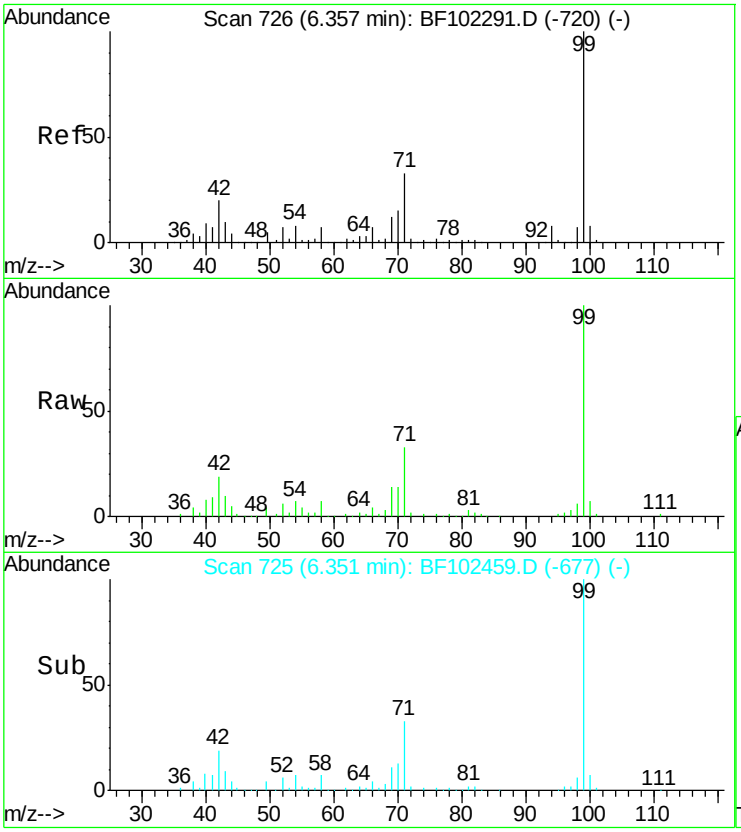


#5
2-Fluorophenol
Concen: 20.770 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:112 Resp: 171216

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.8	23.7	35.5



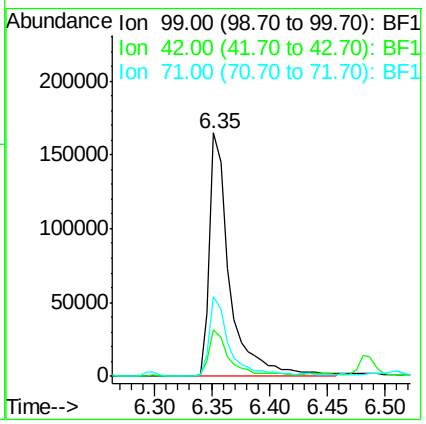


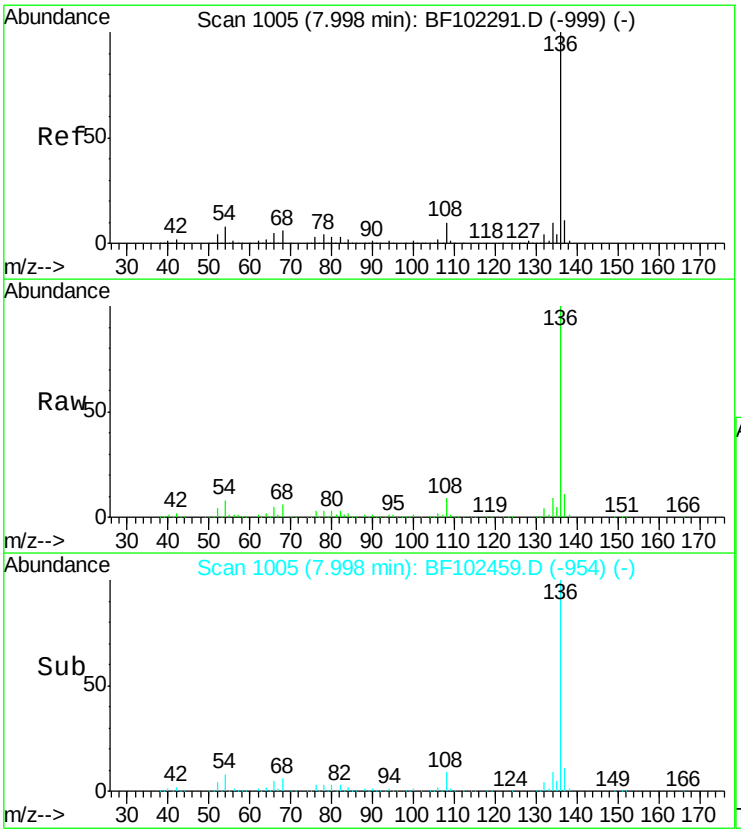
#7
Phenol-d6
Concen: 20.325 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion: 99 Resp: 201999

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.9	25.4	38.0

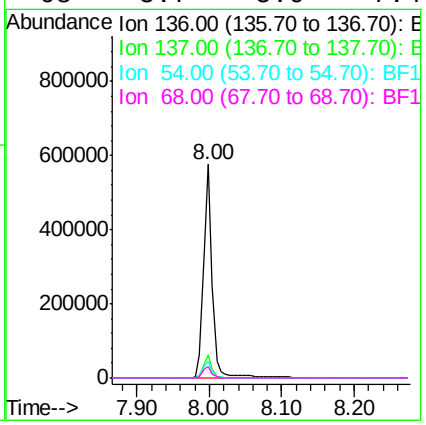


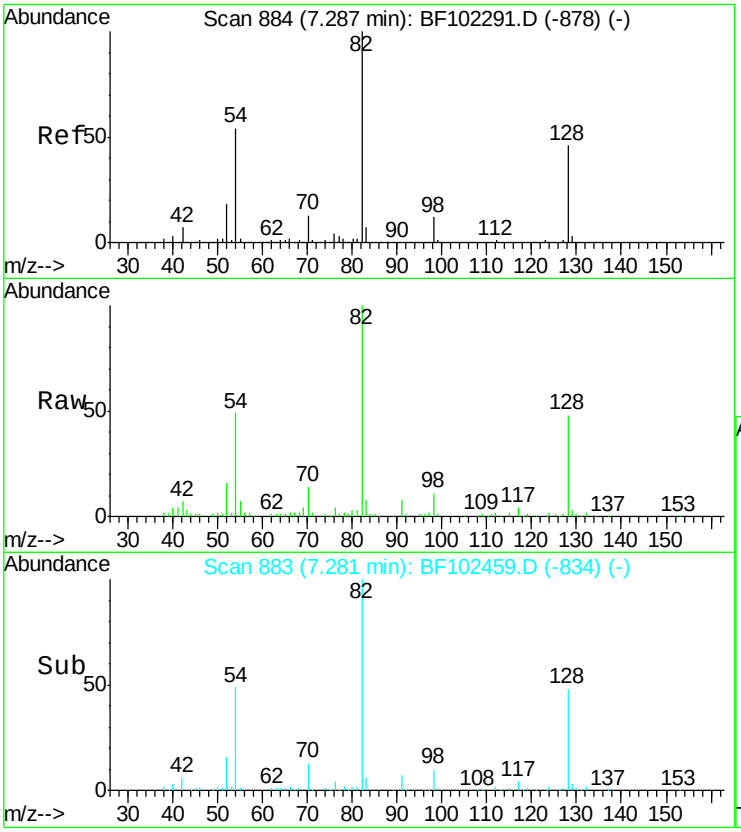


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:136 Resp: 490126

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	5.7	5.0	7.4



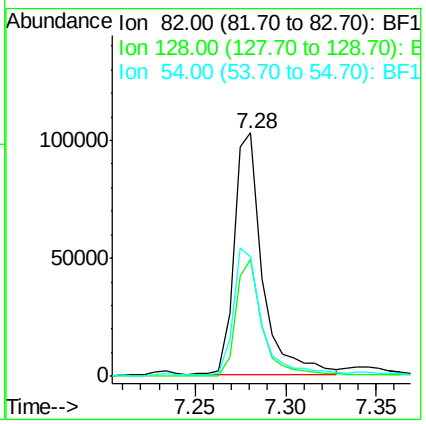


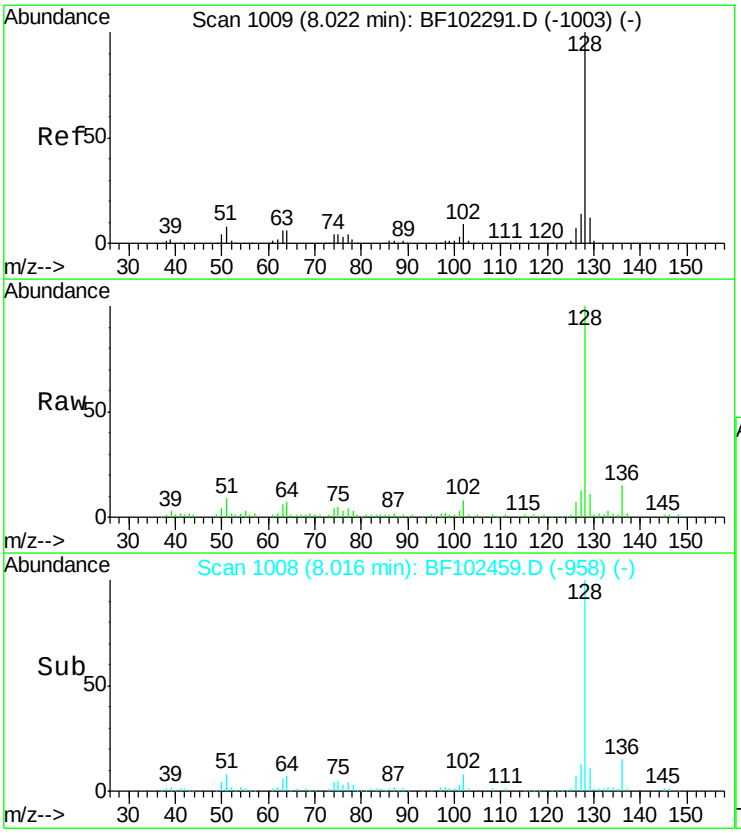
#23
Nitrobenzene-d5
Concen: 13.006 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion: 82 Resp: 110927

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	49.2	41.4	62.2

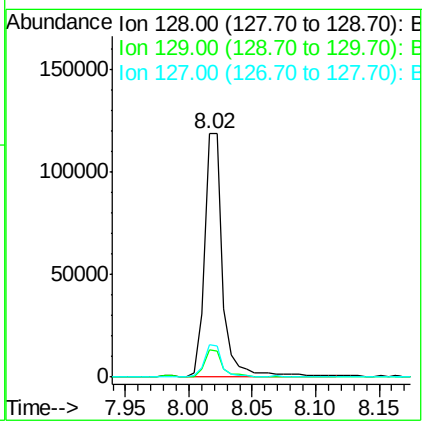


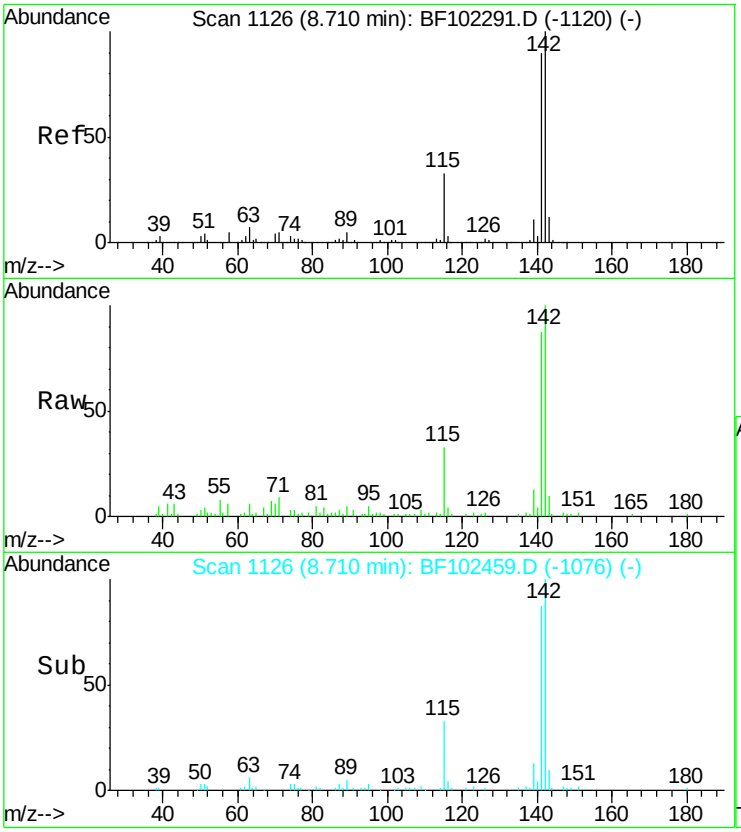


#31
Naphthalene
Concen: 4.901 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:128 Resp: 119926

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3



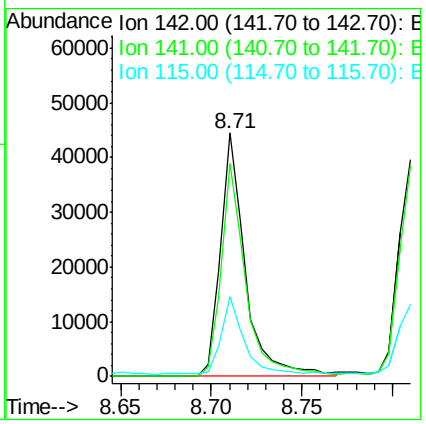


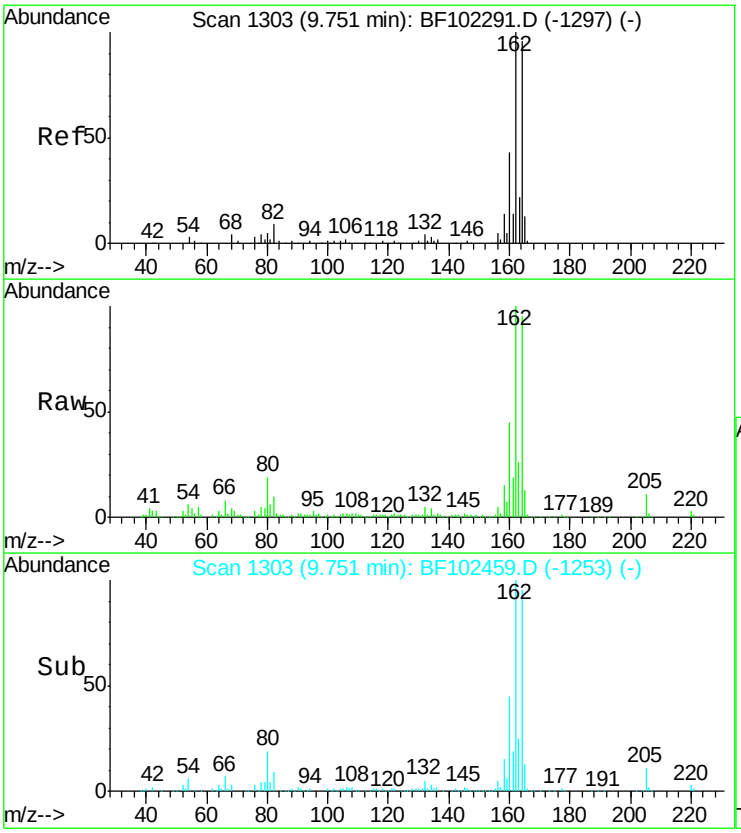
#37
2-Methylnaphthalene
Concen: 2.603 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:142 Resp: 42428

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	32.5	26.1	39.1

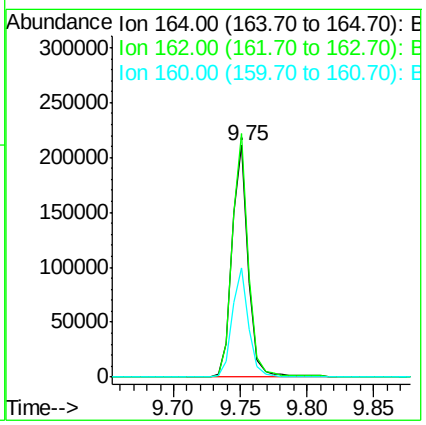


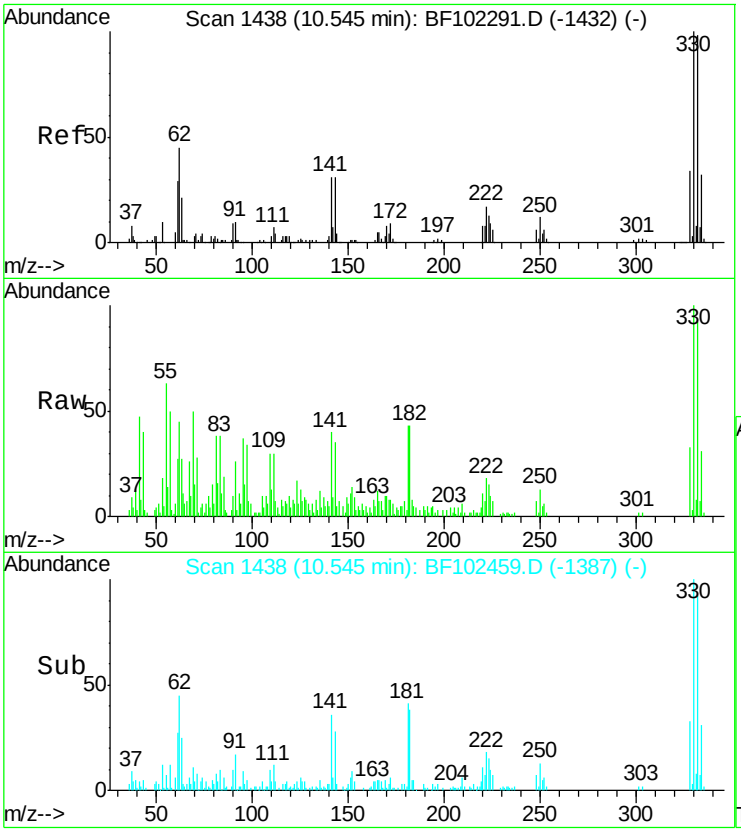


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:164 Resp: 181966

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	47.3	38.3	57.5



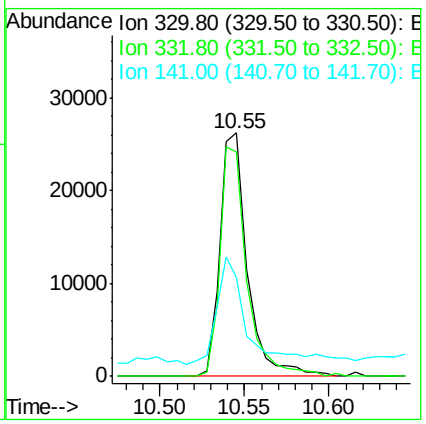


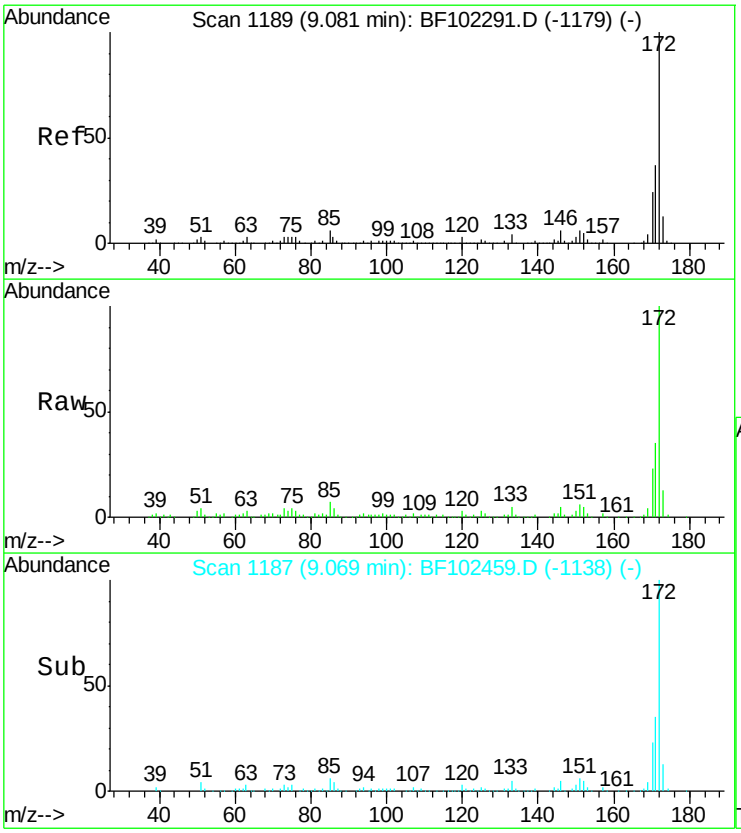
#41
2,4,6-Tribromophenol
Concen: 16.498 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:330 Resp: 29747

Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.0	115.6
141	45.7	29.9	44.9#

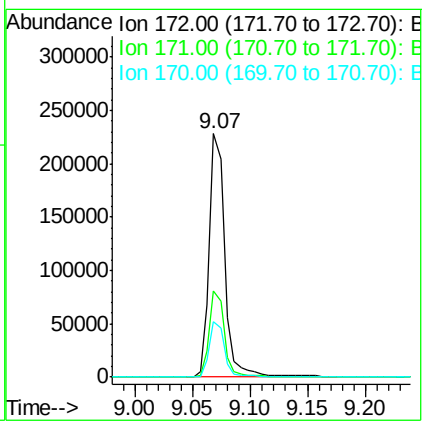


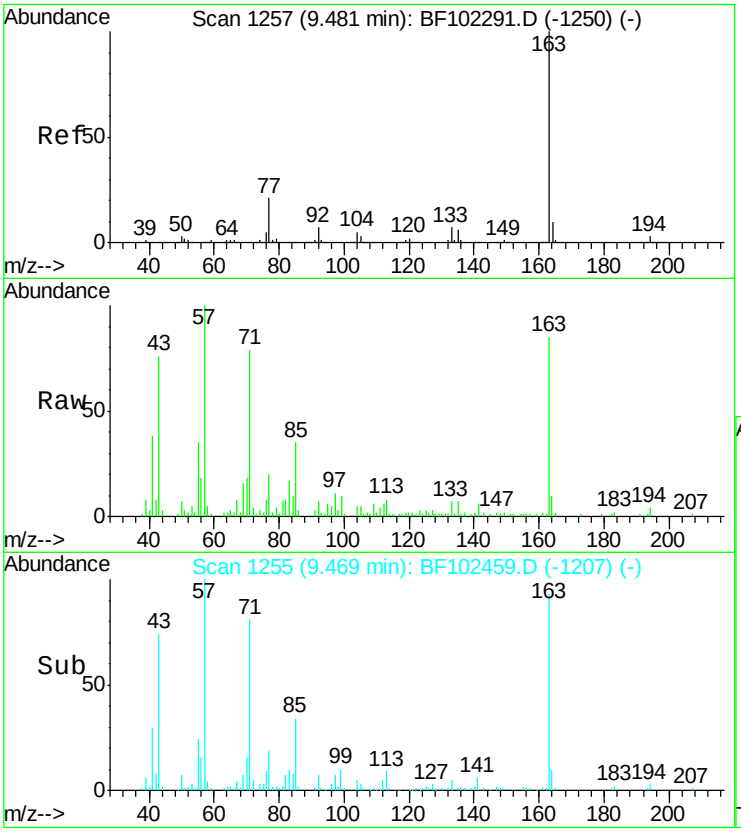


#44
2-Fluorobiphenyl
Concen: 17.439 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:172 Resp: 215820

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.0	19.6	29.4



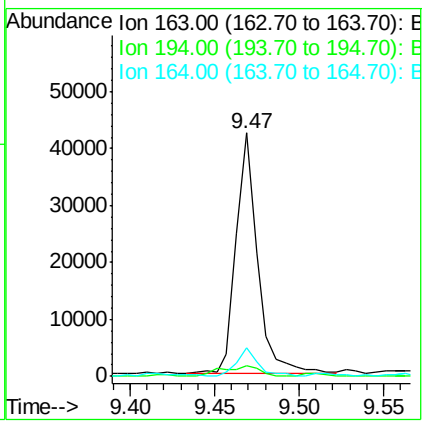


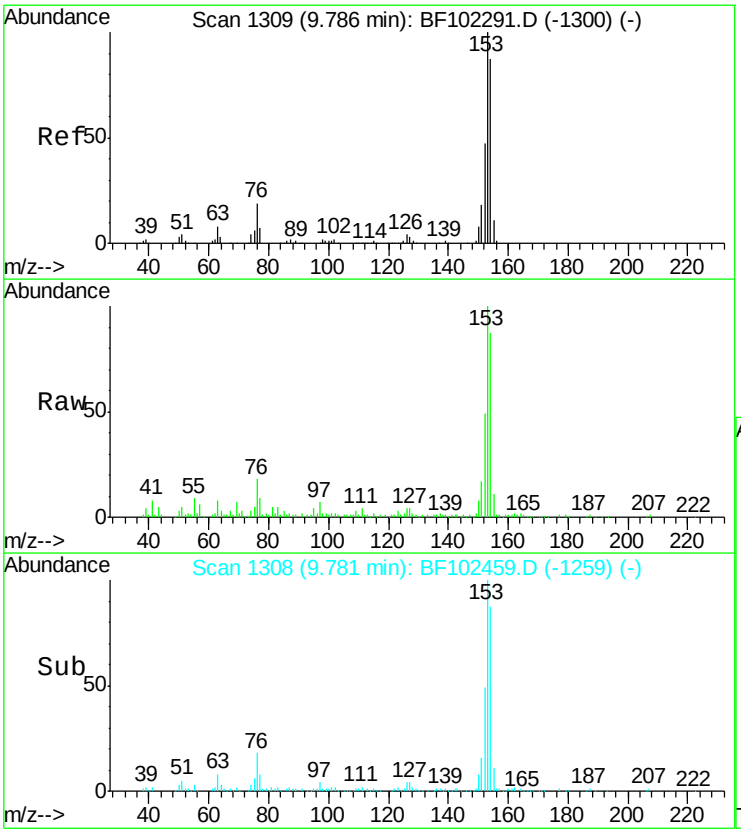
#49
Dimethylphthalate
Concen: 2.494 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:163 Resp: 37515

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	12.0	8.2	12.2

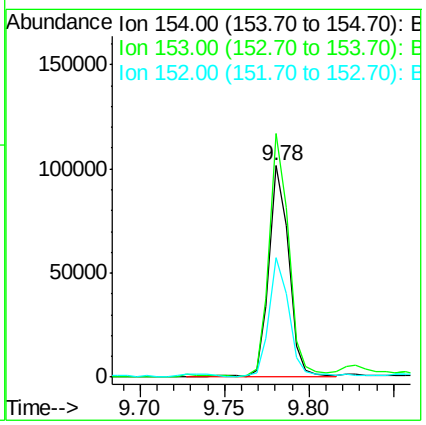


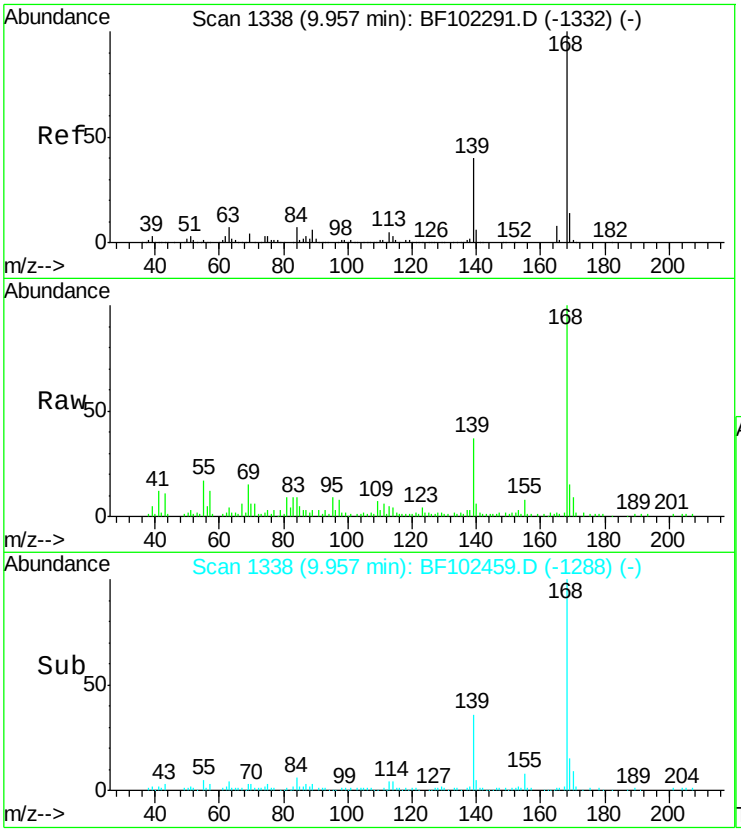


#51
Acenaphthene
Concen: 7.259 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:154 Resp: 83533

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	56.7	43.8	65.8



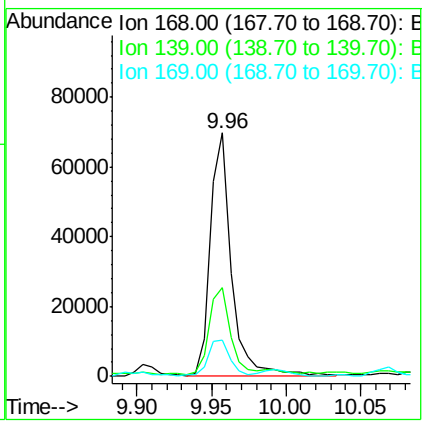


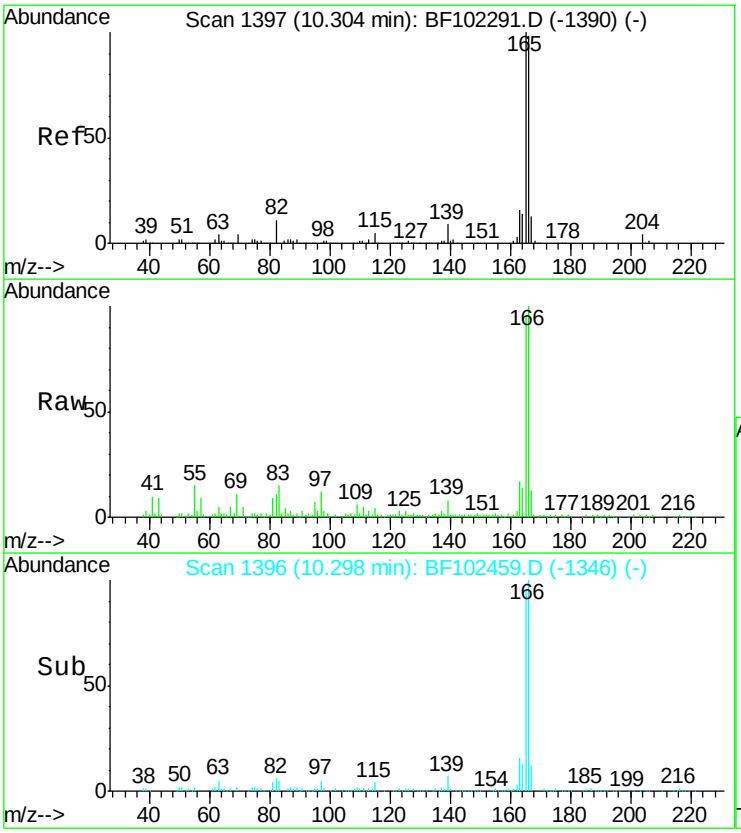
#54
Dibenzofuran
Concen: 4.421 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:168 Resp: 68849

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.7	10.9	16.3

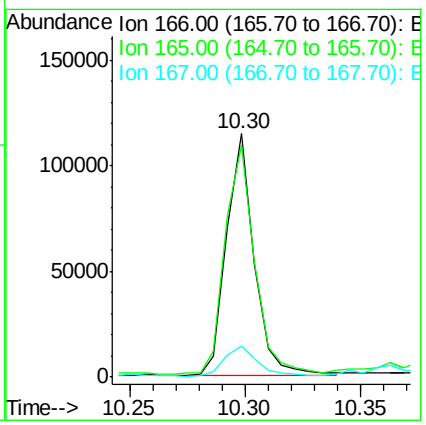


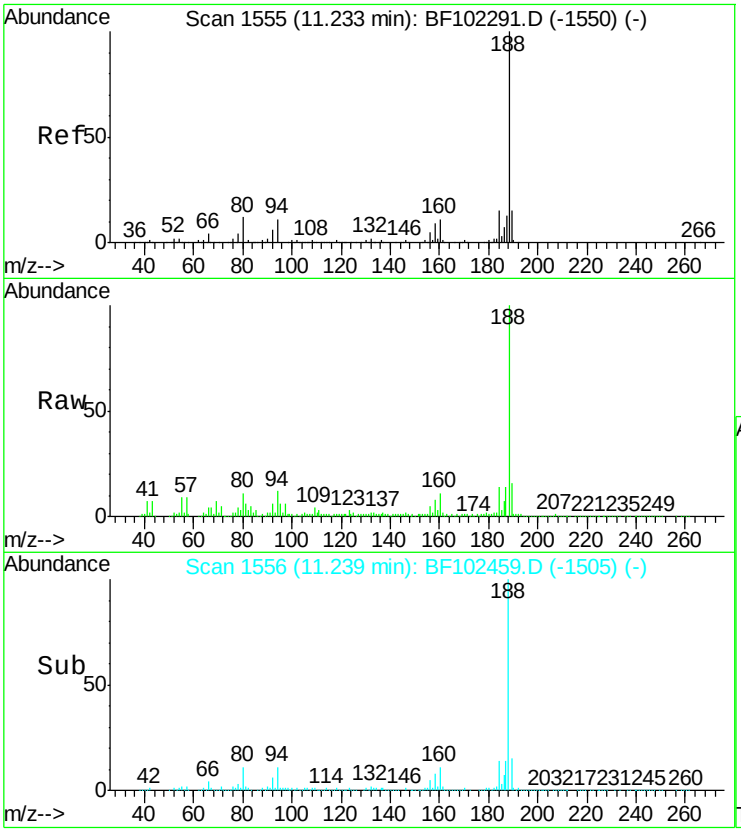


#57
Fluorene
Concen: 7.763 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:166 Resp: 95794

Ion	Ratio	Lower	Upper
166	100		
165	95.5	79.8	119.8
167	13.0	10.6	16.0



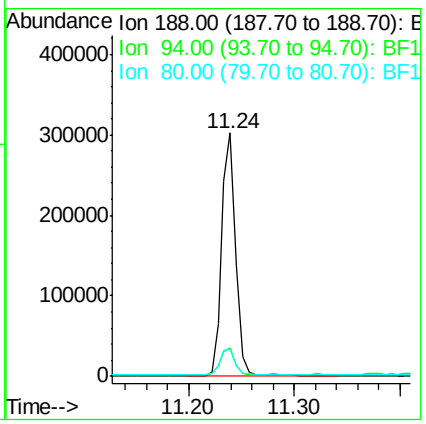


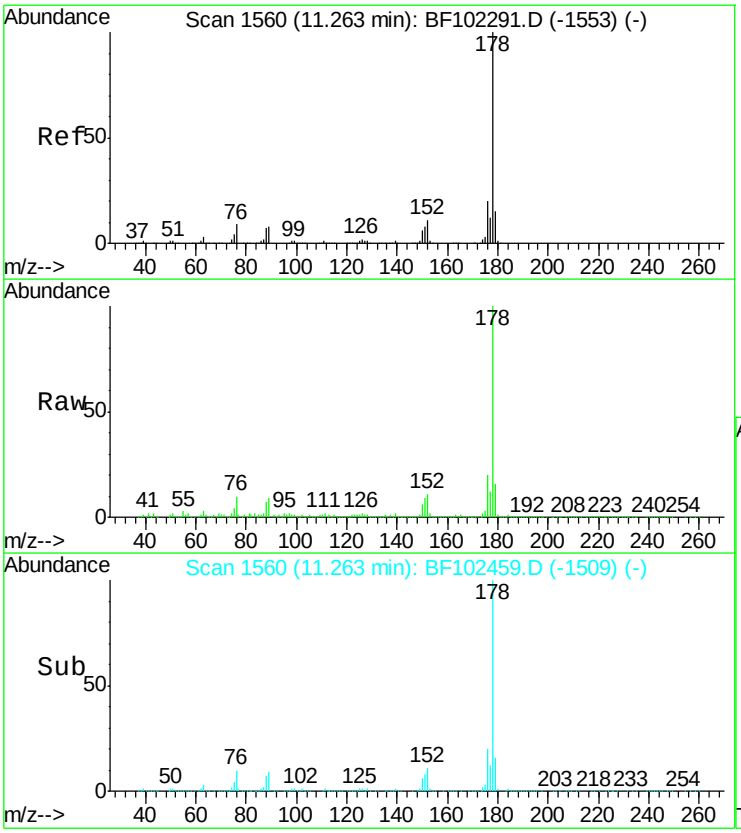
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:188 Resp: 280857

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	11.3	9.2	13.8

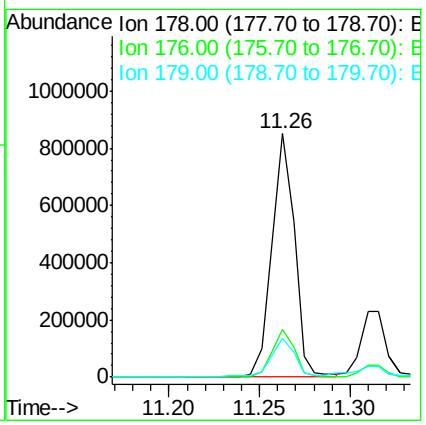


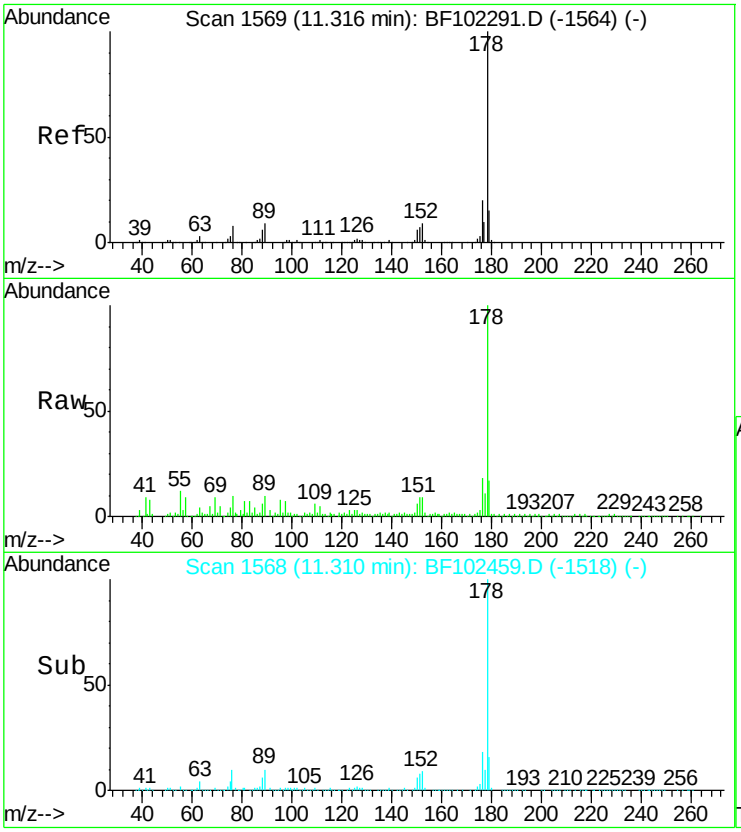


#70
Phenanthrene
Concen: 44.933 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:178 Resp: 735372

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.6



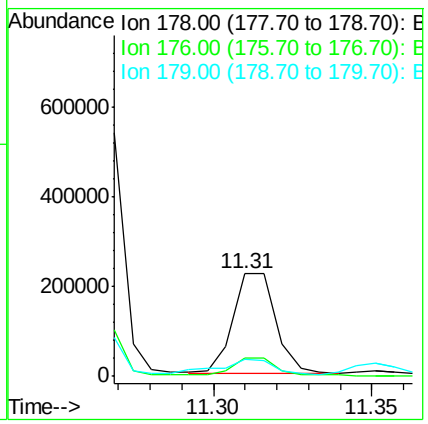


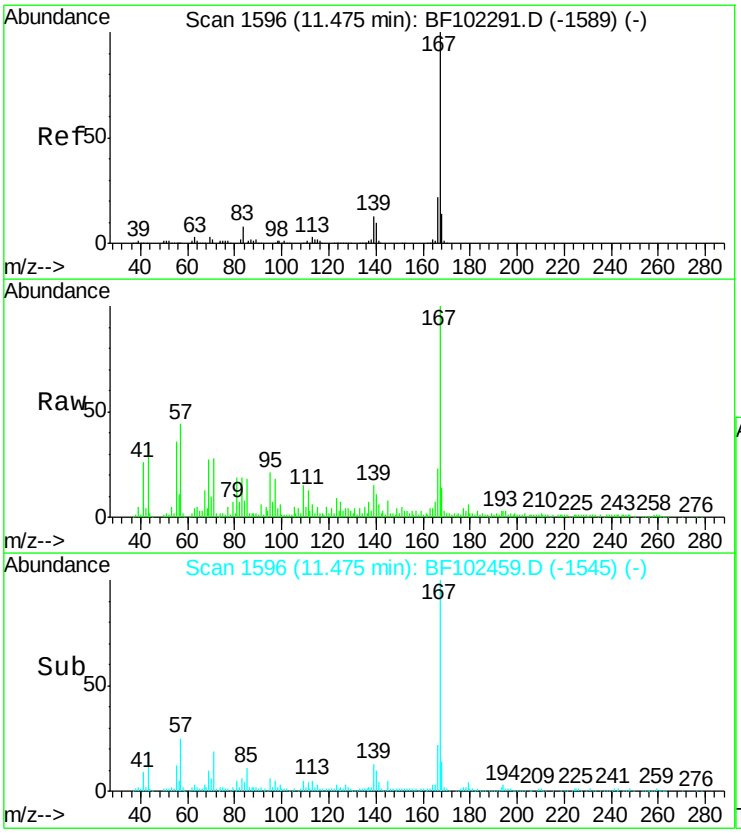
#71
Anthracene
Concen: 12.463 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:178 Resp: 208196

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.9	12.6	19.0

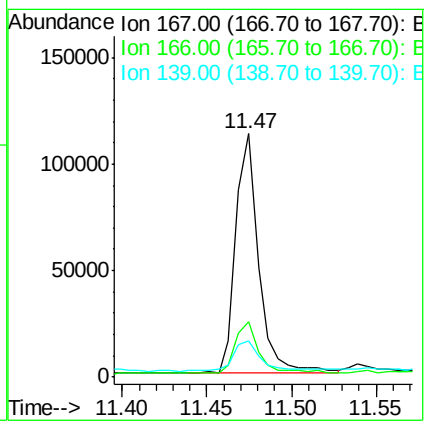


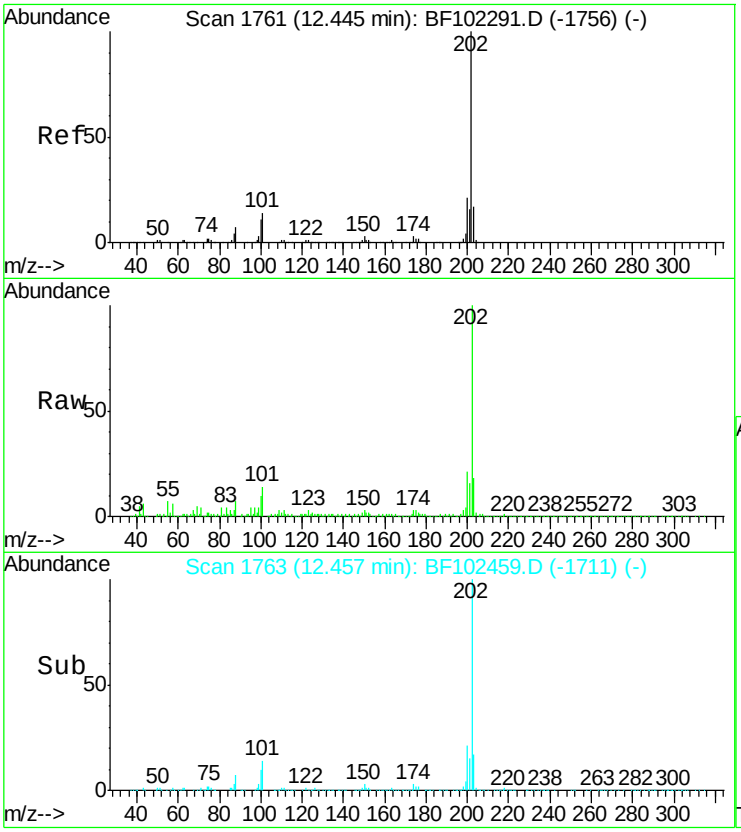


#72
Carbazole
Concen: 6.569 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:167 Resp: 107060

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.9	10.9	16.3



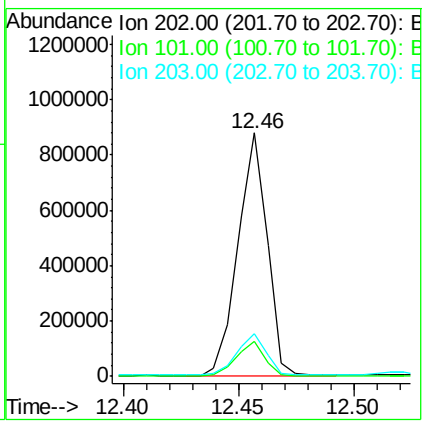


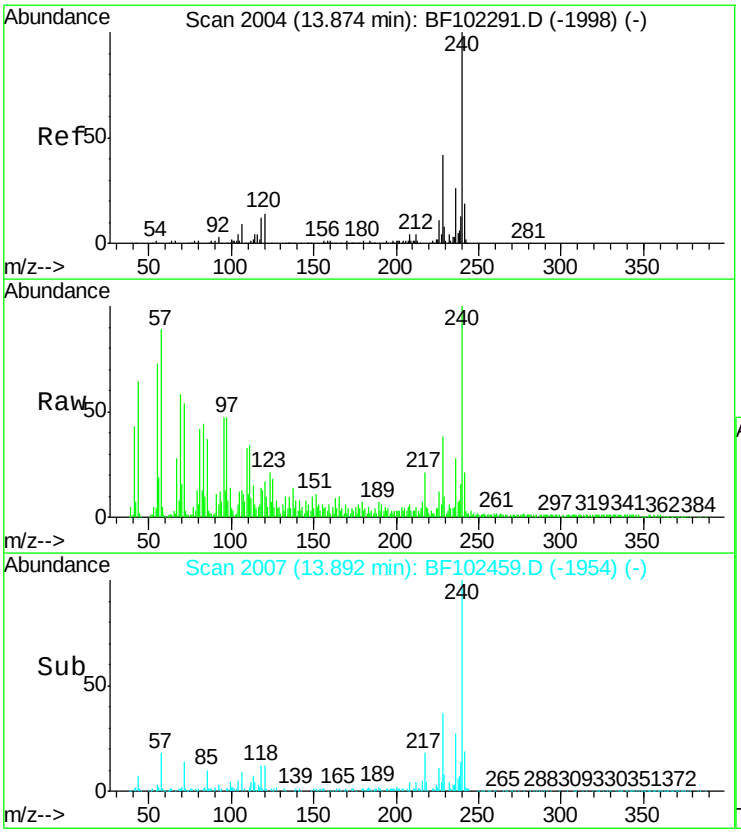
#74
Fluoranthene
Concen: 46.723 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:202 Resp: 779778

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.6	0.0	38.1

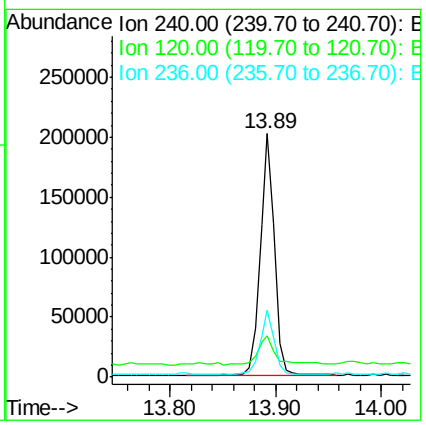


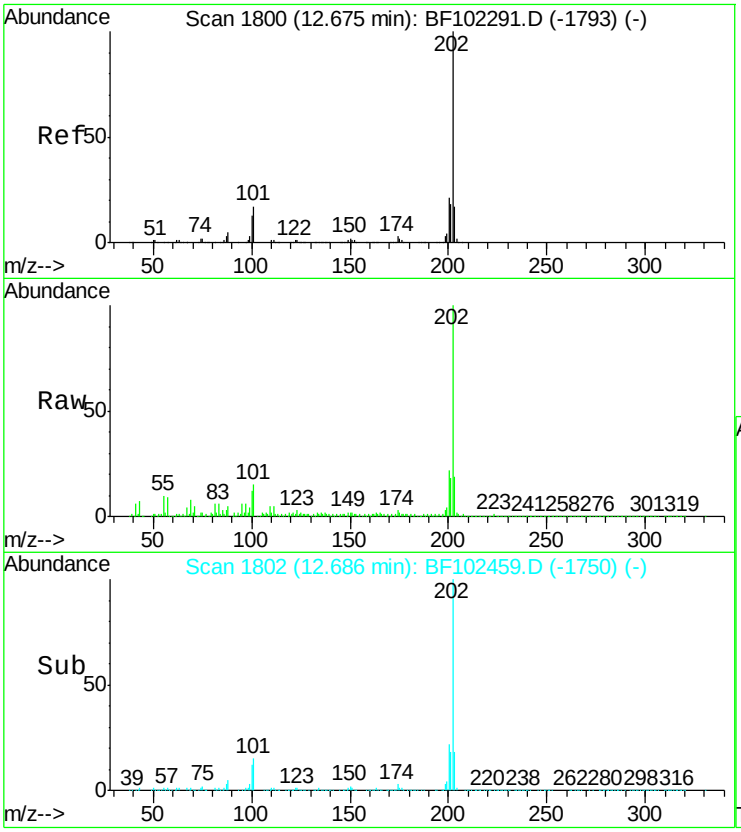


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:240 Resp: 192671

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.5	14.3#
236	27.7	20.7	31.1



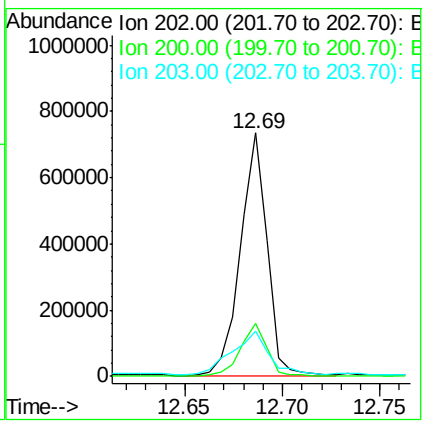


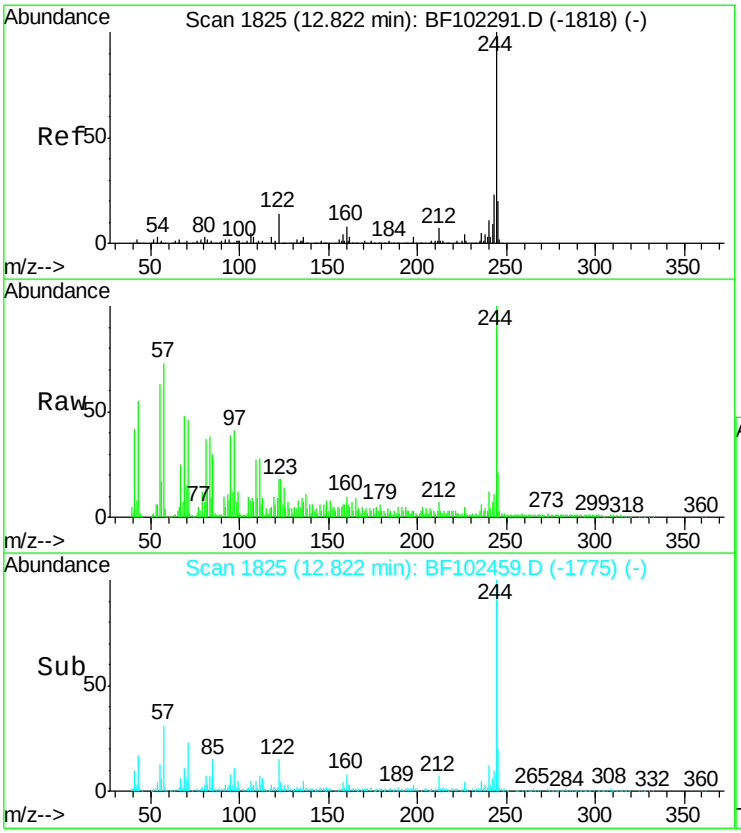
#77
Pyrene
Concen: 46.482 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:202 Resp: 692420

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.6	14.3	21.5

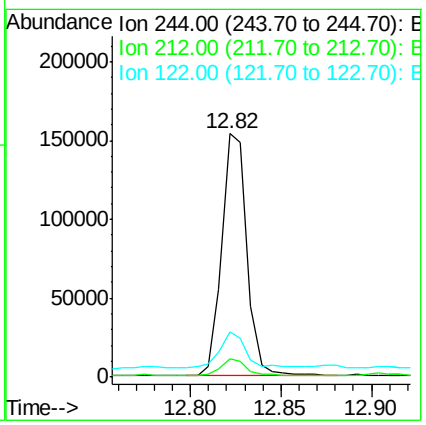


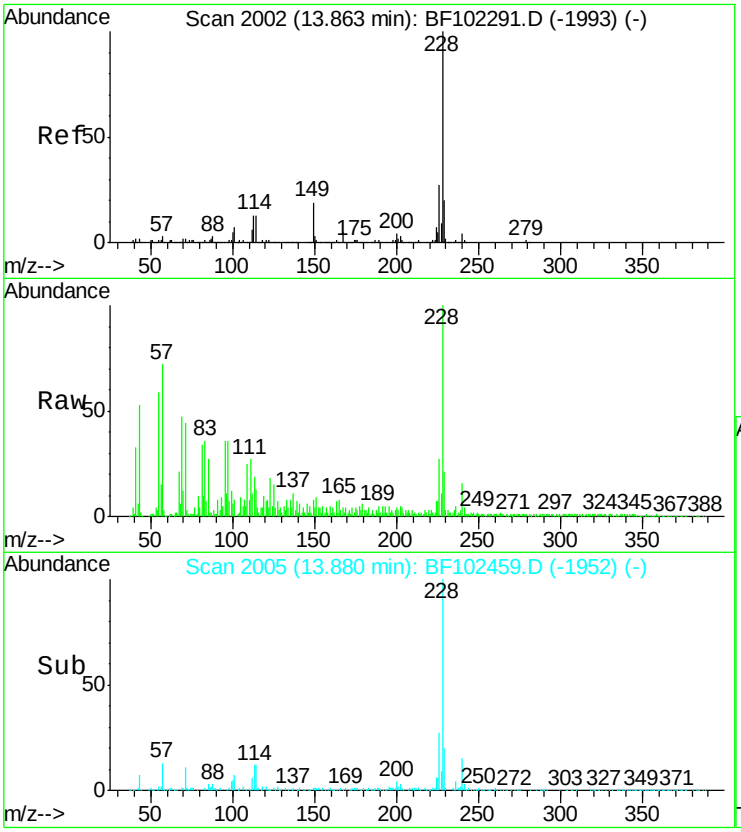


#78
Terphenyl-d14
Concen: 17.457 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:244 Resp: 149197

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	18.4	11.0	16.4#



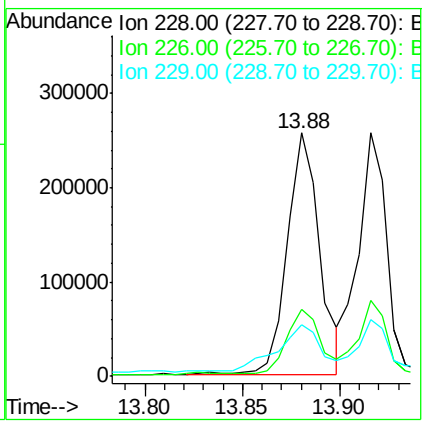


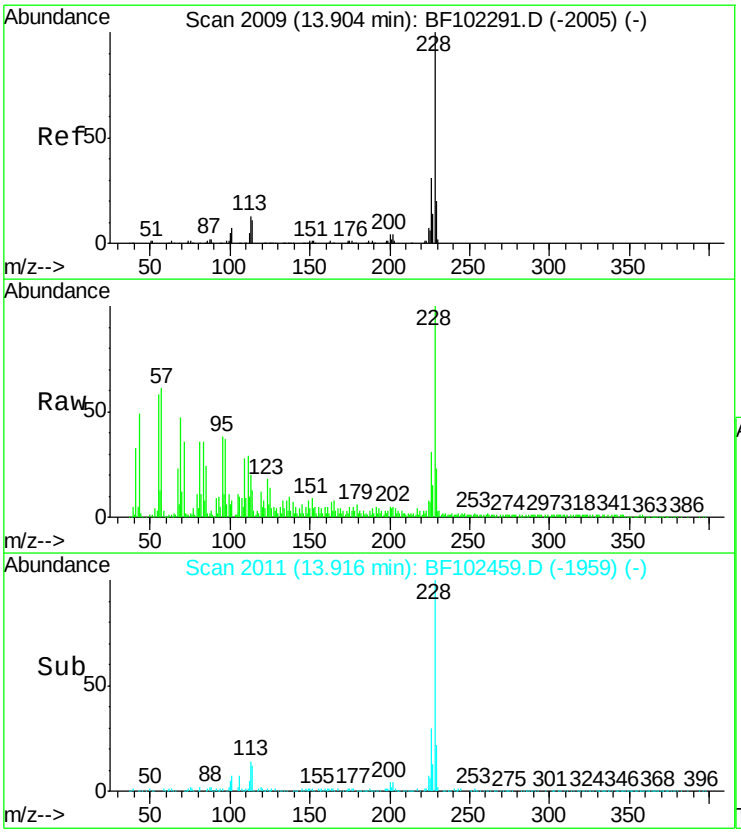
#80
Benzo(a)anthracene
Concen: 24.636 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:228 Resp: 292235

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.4	15.8	23.6

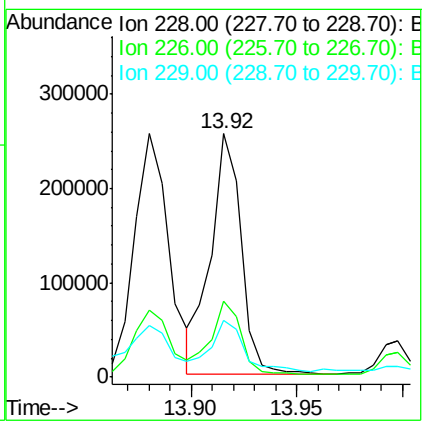


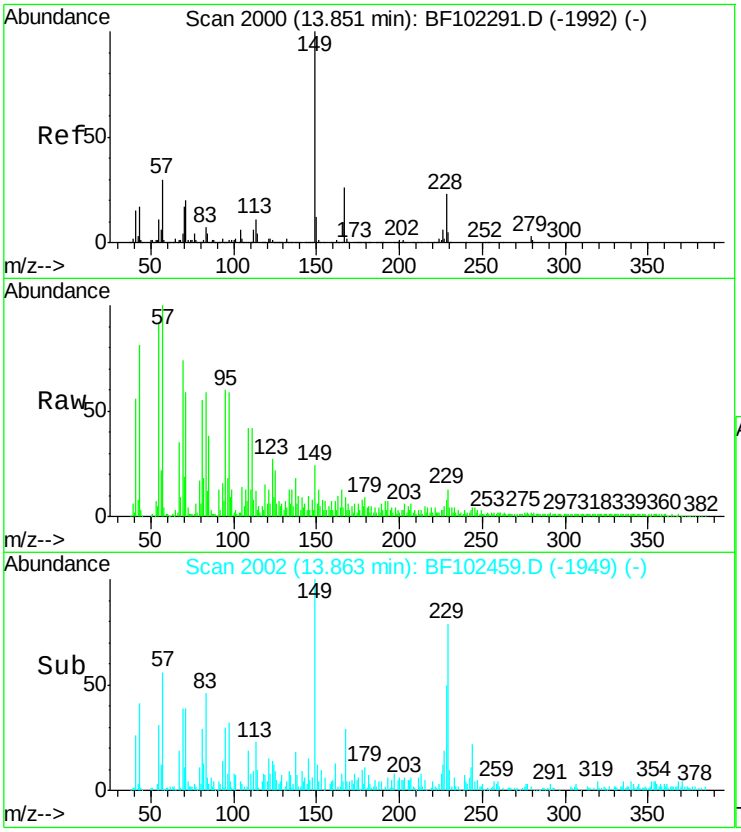


#82
Chrysene
Concen: 21.515 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:228 Resp: 259162

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.2	16.2	24.4



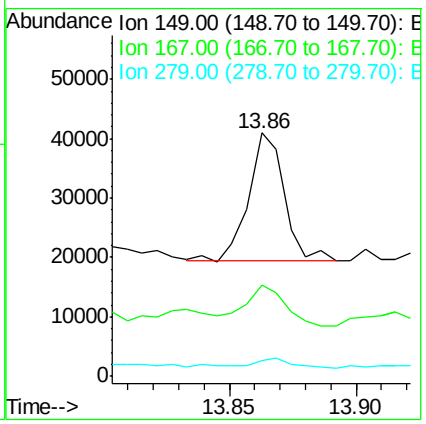


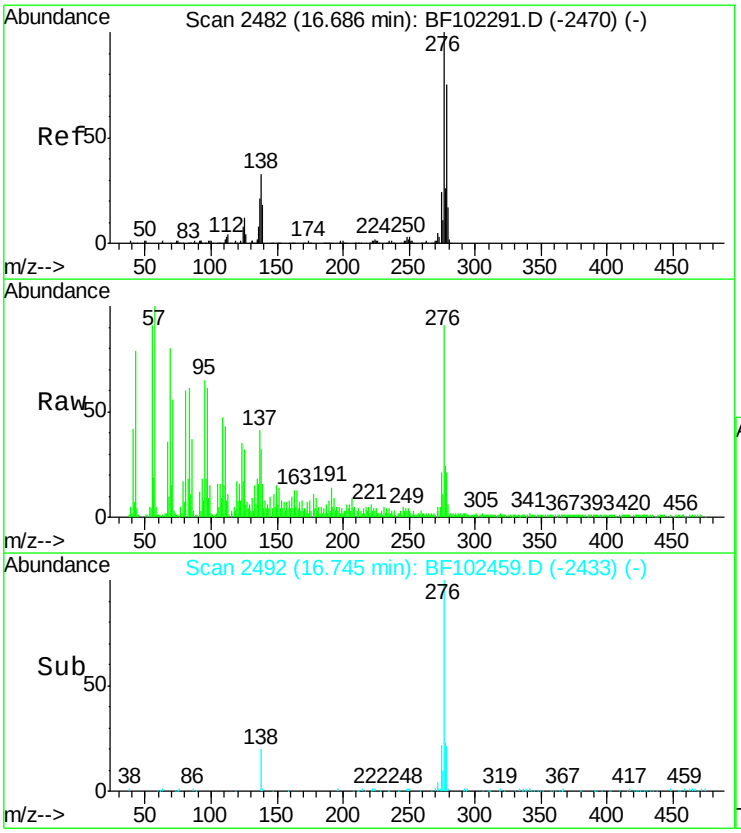
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.105 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:149 Resp: 20976

Ion	Ratio	Lower	Upper
149	100		
167	37.4	21.3	31.9#
279	6.3	3.0	4.4#

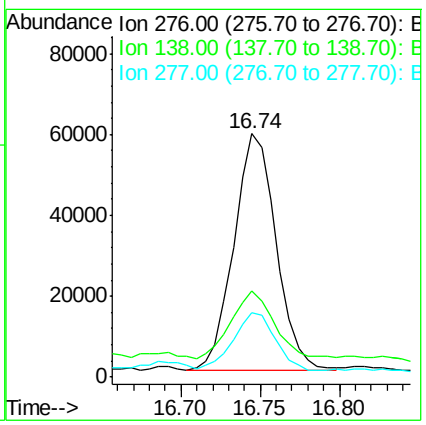


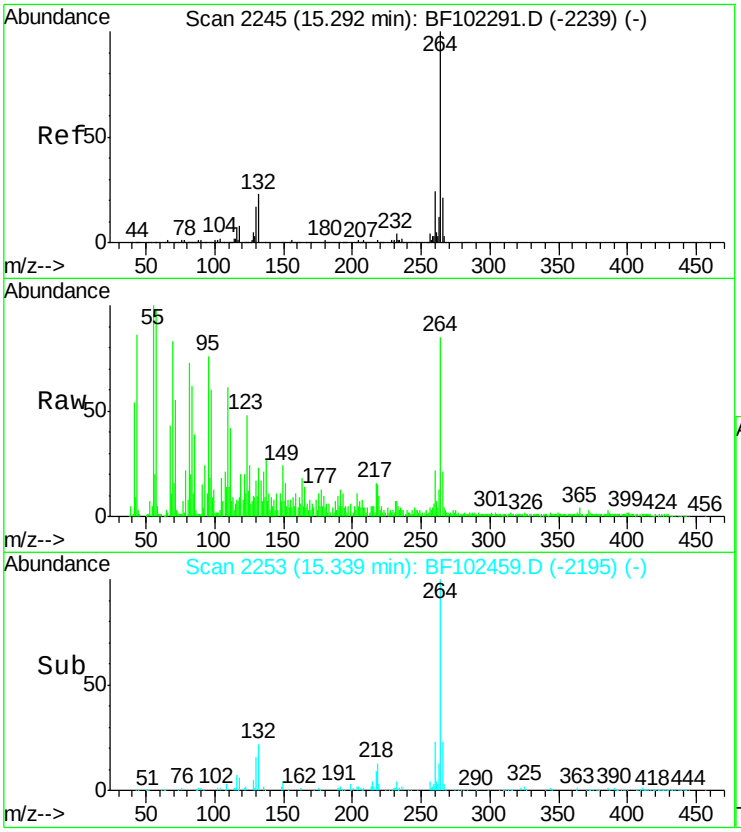


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.929 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.05 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:276 Resp: 108727

Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	24.3	20.1	30.1



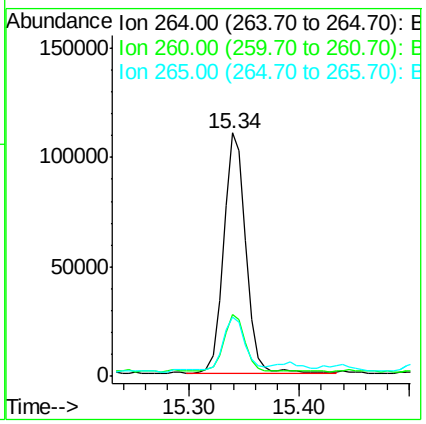


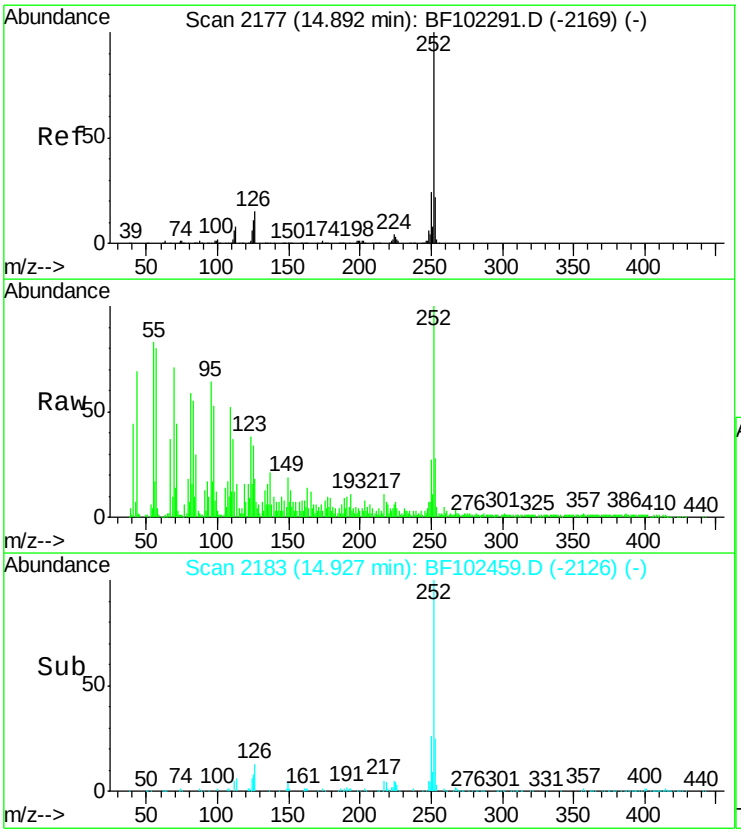
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.04 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:264 Resp: 154037

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	24.2	17.5	26.3

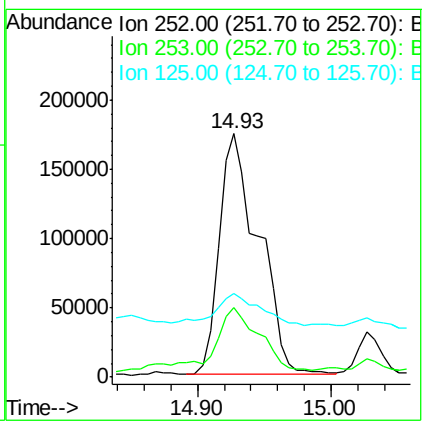


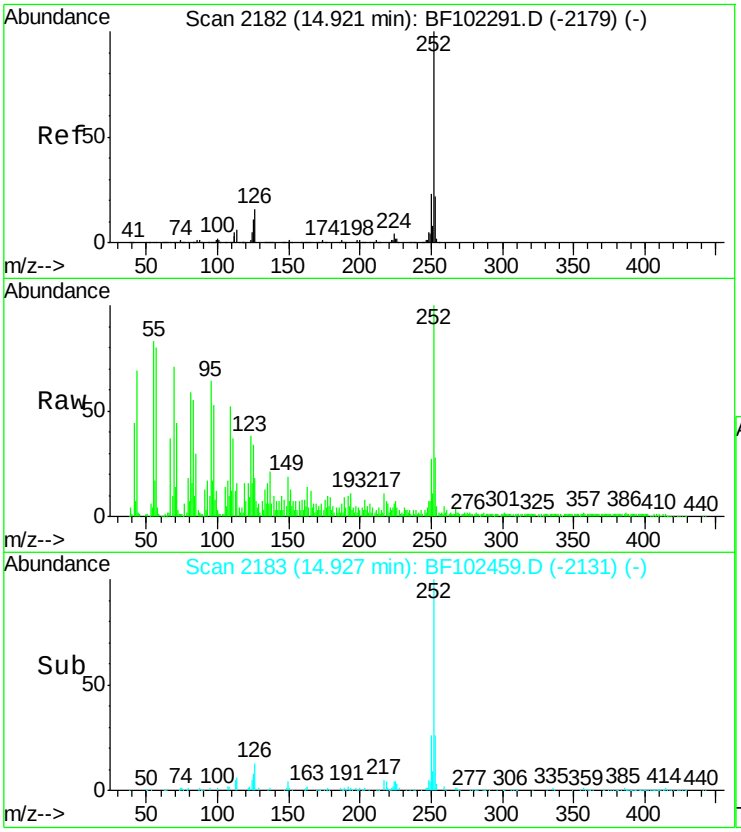


#87
Benzo(b)fluoranthene
Concen: 35.600 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.04 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:252 Resp: 355429

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.0	25.6#
125	34.1	9.0	13.6#



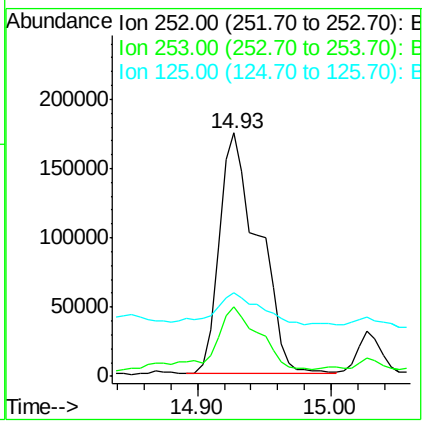


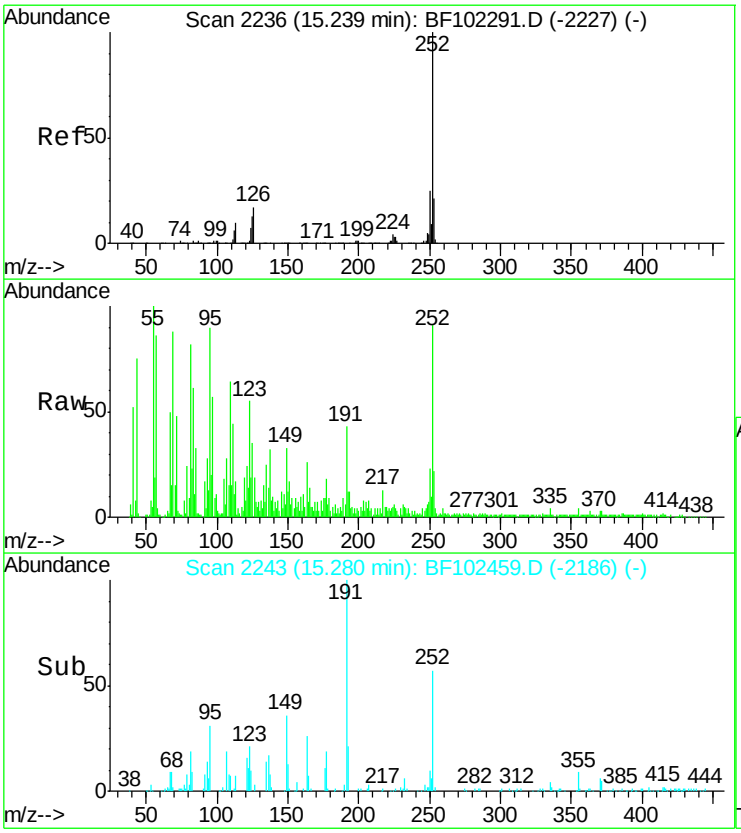
#88
Benzo(k)fluoranthene
Concen: 37.681 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:252 Resp: 355429

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	34.1	10.2	15.2#

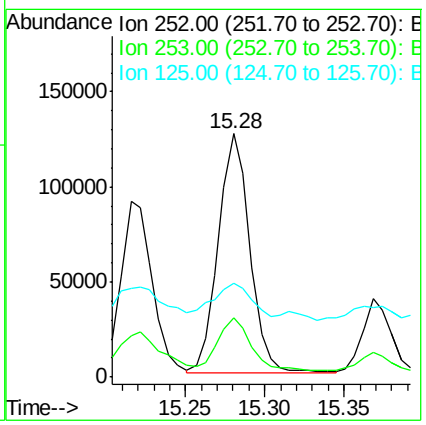


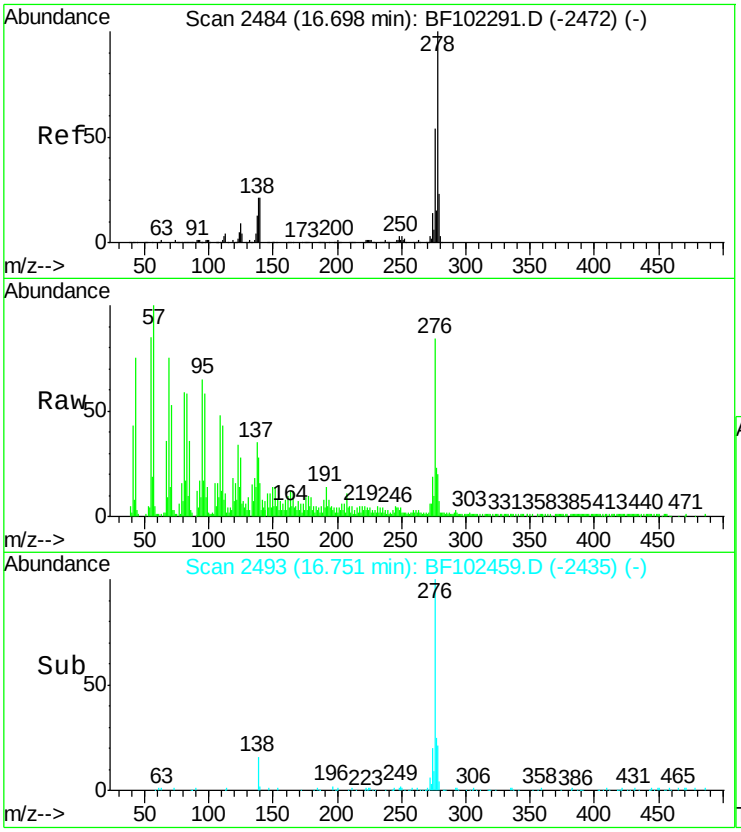


#89
Benzo(a)pyrene
Concen: 19.425 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.04 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:252 Resp: 174911

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	38.4	9.8	14.6#



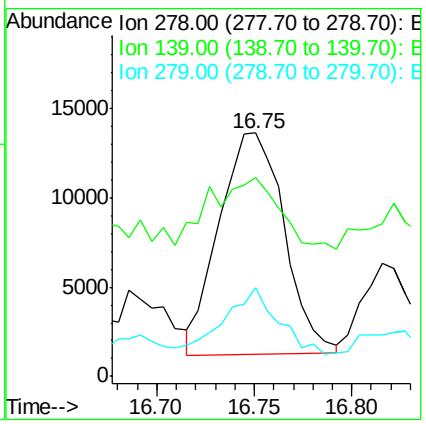


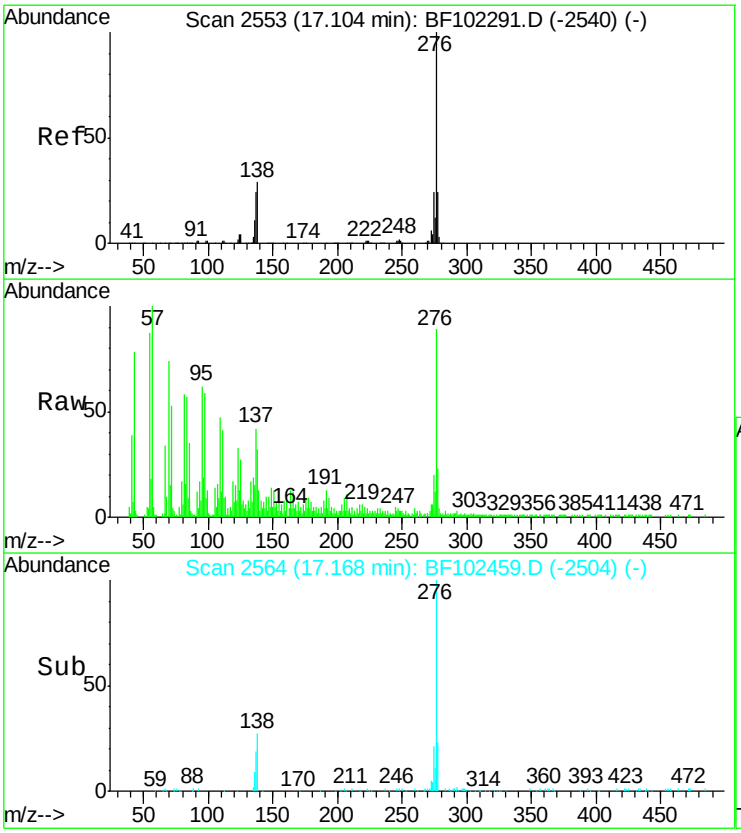
#90
Dibenzo(a,h)anthracene
Concen: 3.911 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)DL

Tgt Ion:278 Resp: 28525

Ion	Ratio	Lower	Upper
278	100		
139	81.6	15.9	23.9#
279	36.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 14.387 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.05 min
Lab File: BF102459.D
Acq: 26 Jan 2018 8:48

Tgt Ion:276 Resp: 103618

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	35.9	21.8	32.8#