Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102067.D
Acq On : 15 Jan 2018 17:14
Operator : SJ/JU
Sample : J1134-04 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2-SB34-BOT

Quant Time: Jan 15 17:44:25 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	206323	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	828008	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	356553	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	581390	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	280471	20.00	ng		-0.01
86) Perylene-d12	15.29	264	350877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	15226	1.04	ng		-0.01
7) Phenol-d6	6.34	99	19693	1.13	ng		-0.02
23) Nitrobenzene-d5	7.27	82	12042	0.85	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	3448	1.11	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	22741	1.00	ng		-0.02
78) Terphenyl-d14	12.82	244	19282	1.43	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.02	128	408950	9.884	ng		99
33) 4-Chloroaniline	8.02	127	53088	3.006	ng	#	33
37) 2-Methylnaphthalene	8.71	142	80751	2.965	ng		99
48) Acenaphthylene	9.62	152	410313	10.579	ng		99
50) 2,6-Dinitrotoluene	9.75	165	49205	8.612	ng	#	26
54) Dibenzofuran	9.96	168	101131	3.130	ng		99
55) 4-Nitrophenol	9.96	139	38587	7.181	ng	#	10
57) Fluorene	10.30	166	150282	6.729	ng		100
70) Phenanthrene	11.26	178	998737	29.408	ng		99
71) Anthracene	11.31	178	493205	14.320	ng		99
72) Carbazole	11.46	167	106996	3.161	ng		99
74) Fluoranthene	12.45	202	2055980	61.532	ng		99
77) Pyrene	12.68	202	1703932	68.729	ng		99
80) Benzo(a)anthracene	13.90	228	841238	47.010	ng		94
82) Chrysene	13.90	228	841238	45.084	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	570430	42.002	ng		98
87) Benzo(b)fluoranthene	14.89	252	1547590	67.644	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	1547590	70.122	ng		98
89) Benzo(a)pyrene	15.23	252	823405	39.996	ng		97
90) Dibenzo(a,h)anthracene	16.82	278	148724	9.052	ng		96
91) Benzo(g,h,i)perylene	17.08	276	507325	30.655	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011518\
Data File : BF102067.D
Acq On : 15 Jan 2018 17:14
Operator : SJ/JU
Sample : J1134-04 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Quant Time: Jan 15 17:44:25 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
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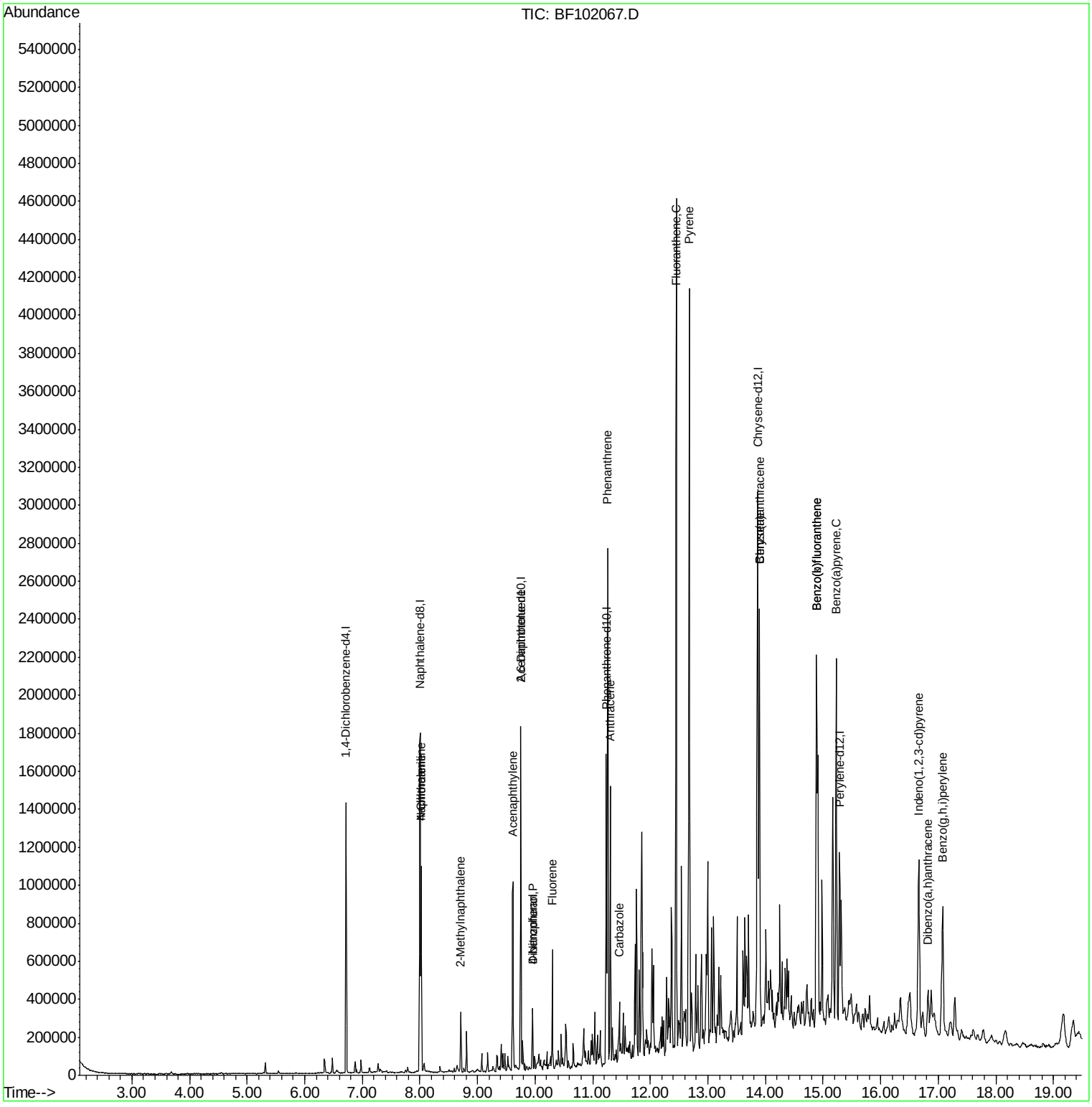
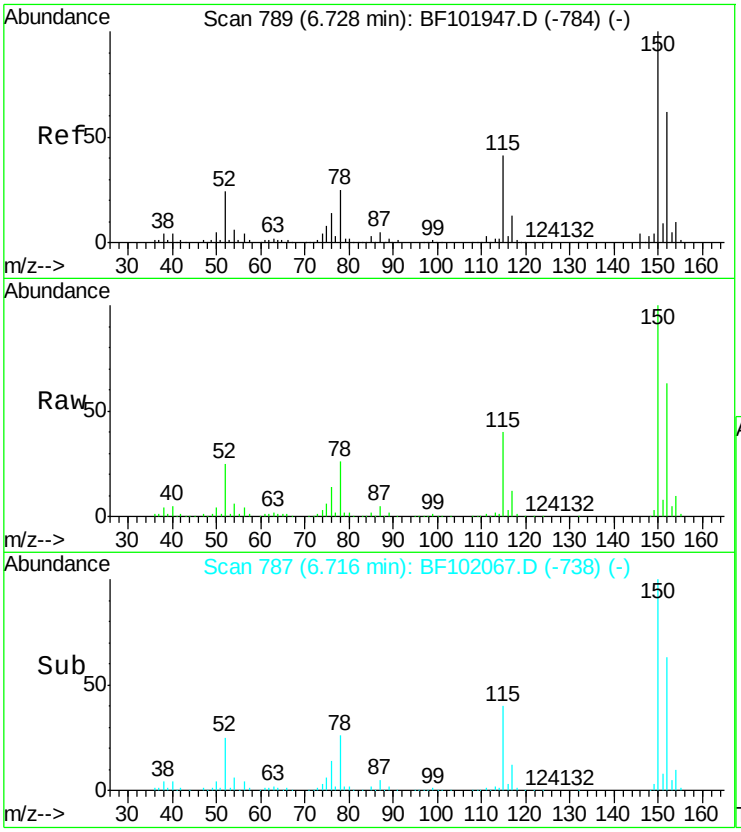


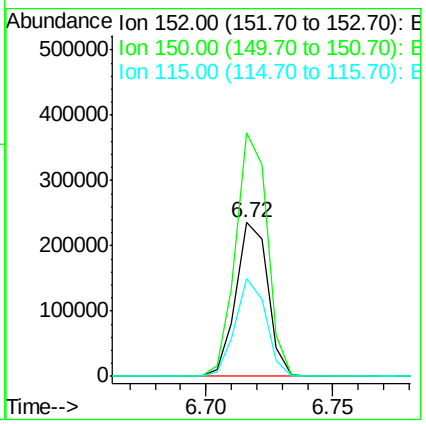


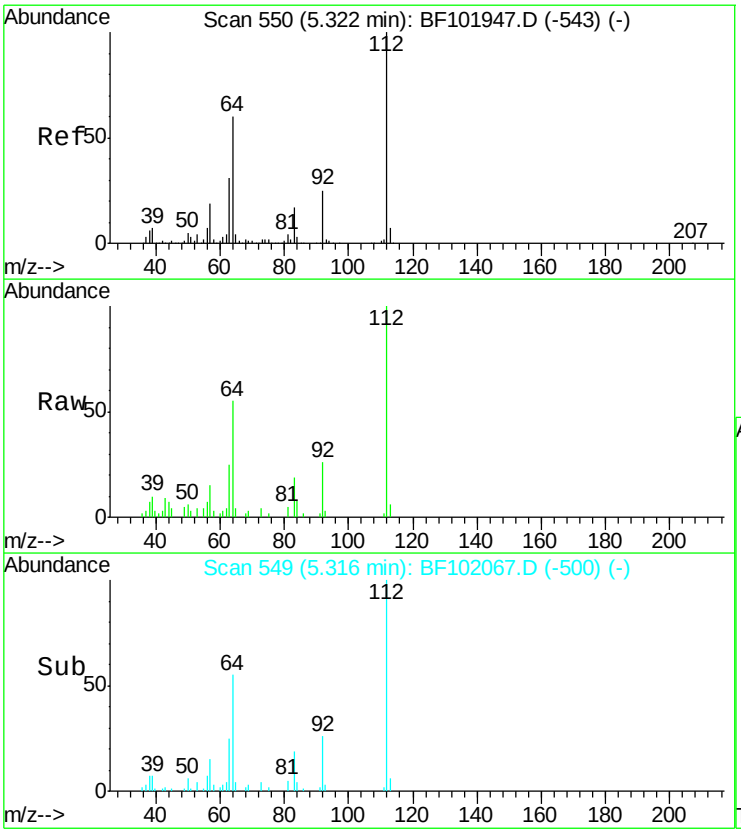
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:152 Resp: 206323

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.4	50.1	75.1

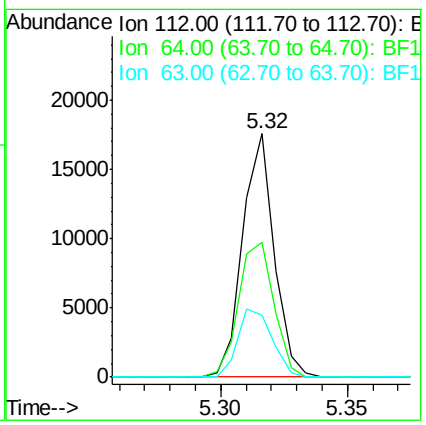


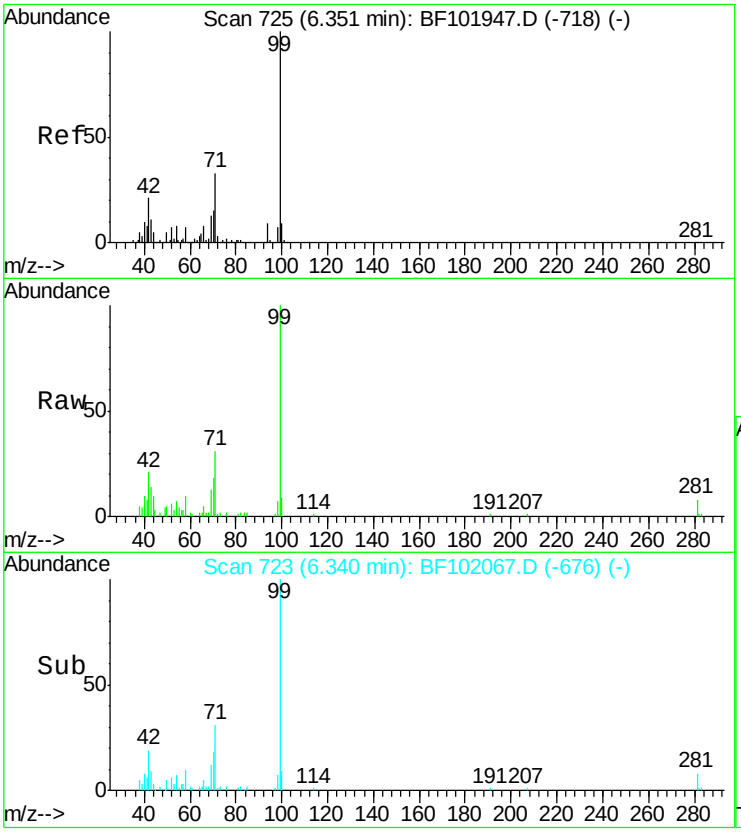


#5
2-Fluorophenol
Concen: 1.042 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:112 Resp: 15226

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	25.4	23.7	35.5



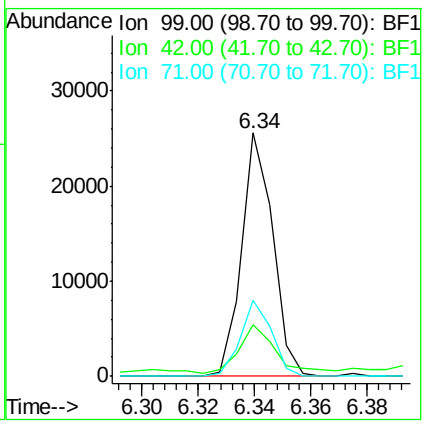


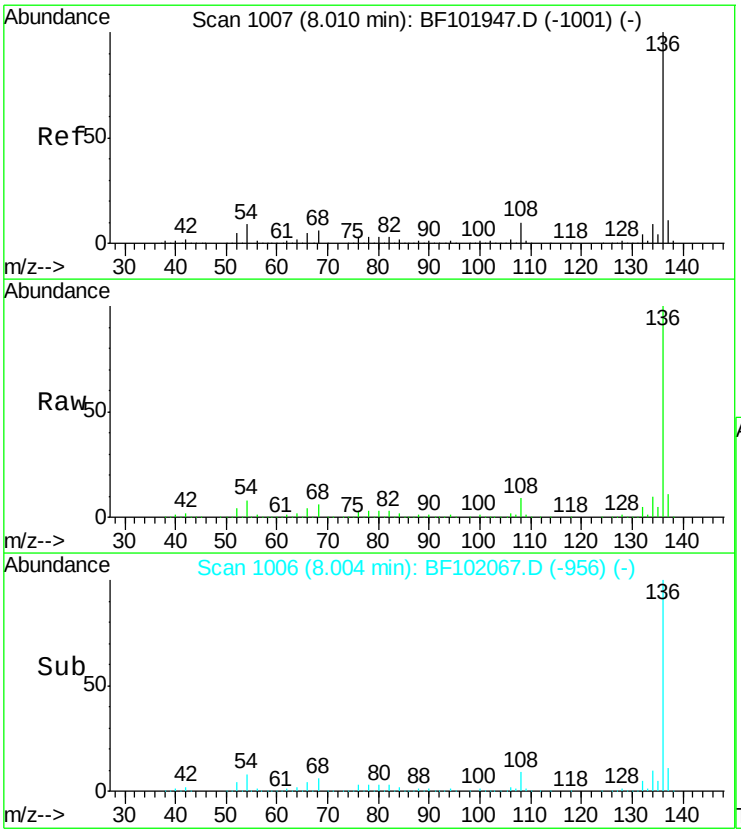
#7
Phenol-d6
Concen: 1.130 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion: 99 Resp: 19693

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	31.2	25.4	38.0

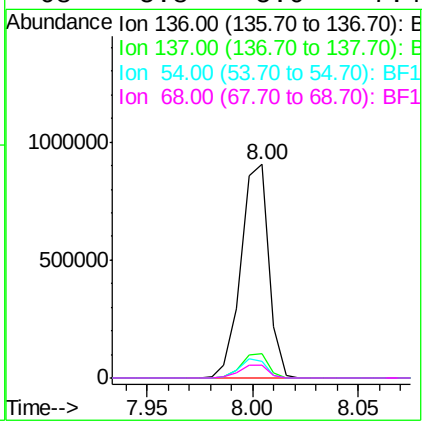


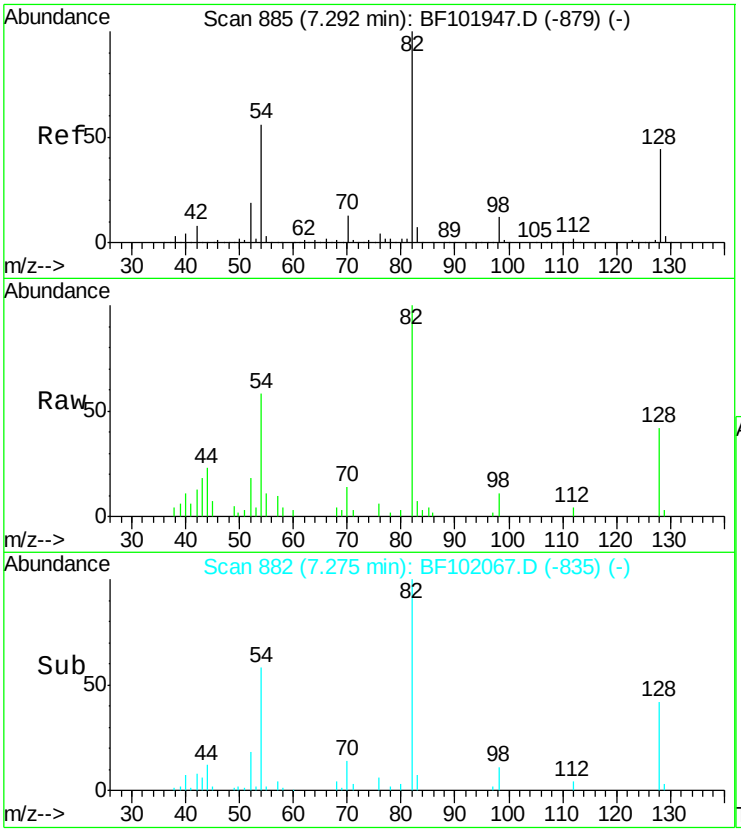


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:136 Resp: 828008

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	5.8	5.0	7.4



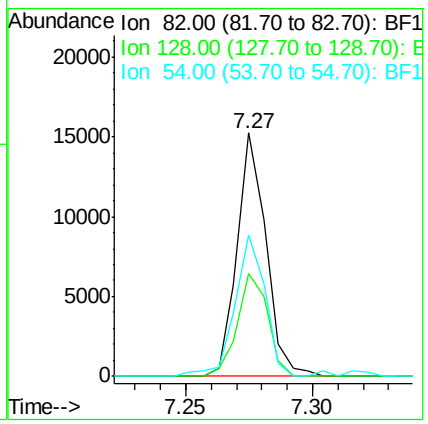


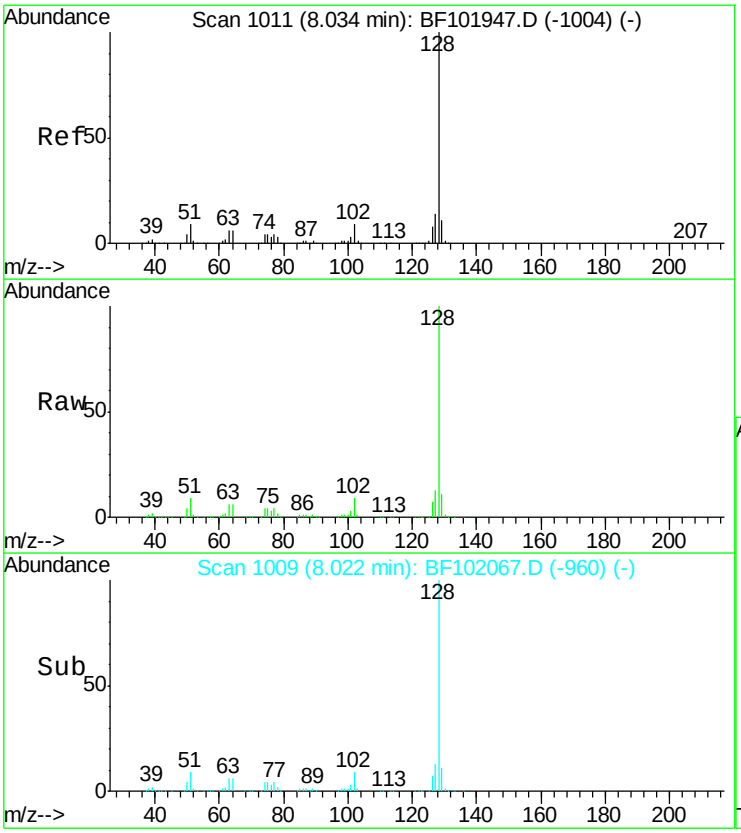
#23
Nitrobenzene-d5
Concen: 0.855 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion: 82 Resp: 12042

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	58.1	41.4	62.2

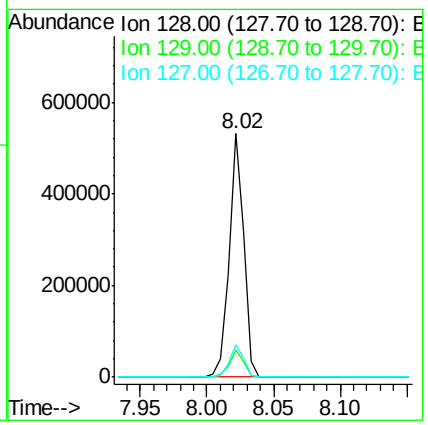


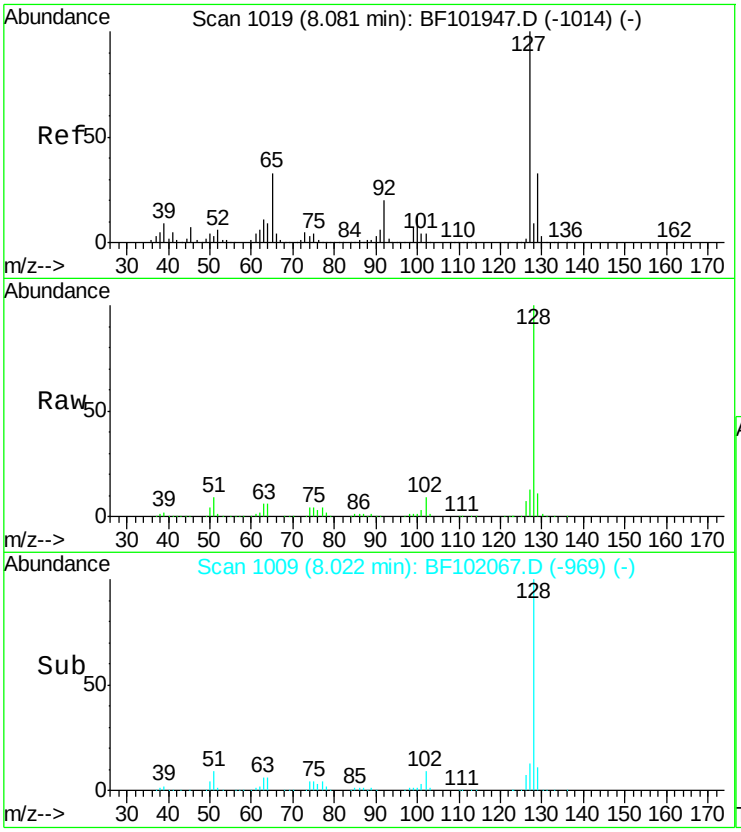


#31
Naphthalene
Concen: 9.884 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:128 Resp: 408950

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.9	16.3



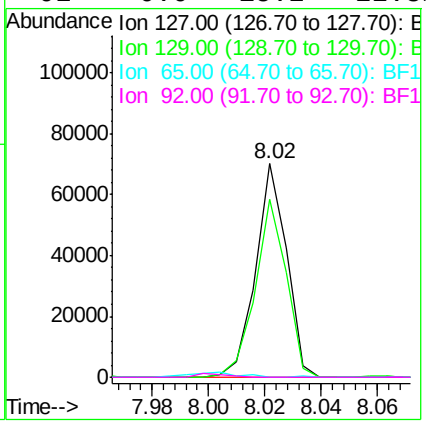


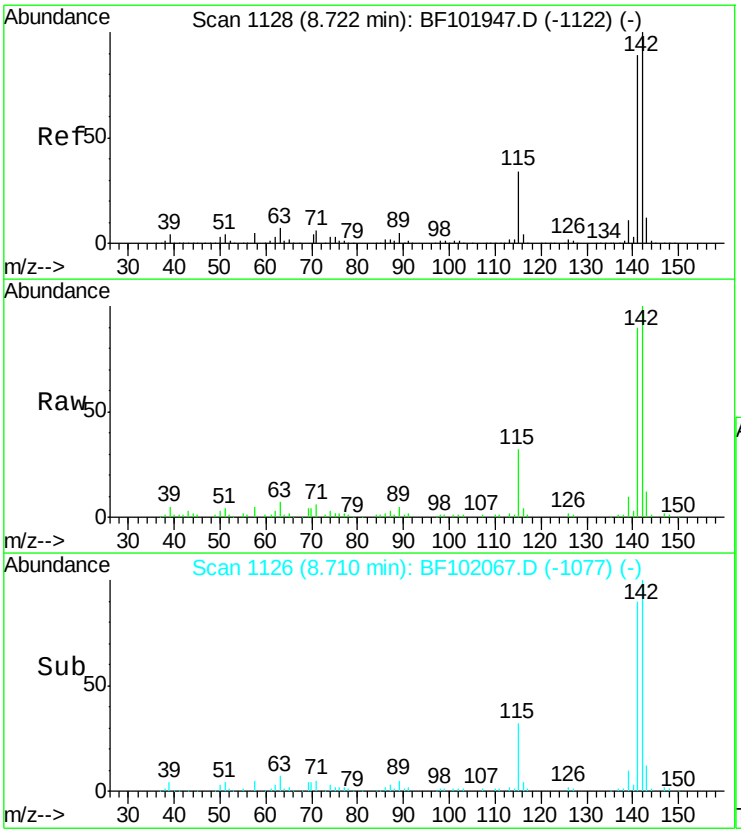
#33
4-Chloroaniline
Concen: 3.006 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:127 Resp: 53088

Ion	Ratio	Lower	Upper
127	100		
129	83.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

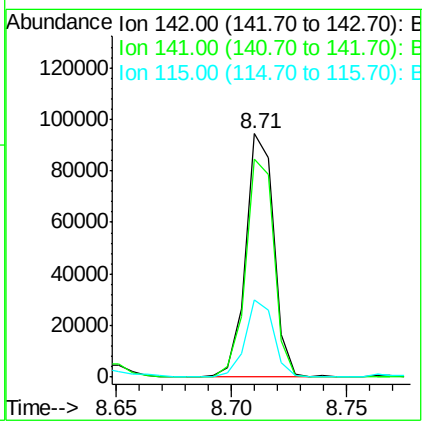


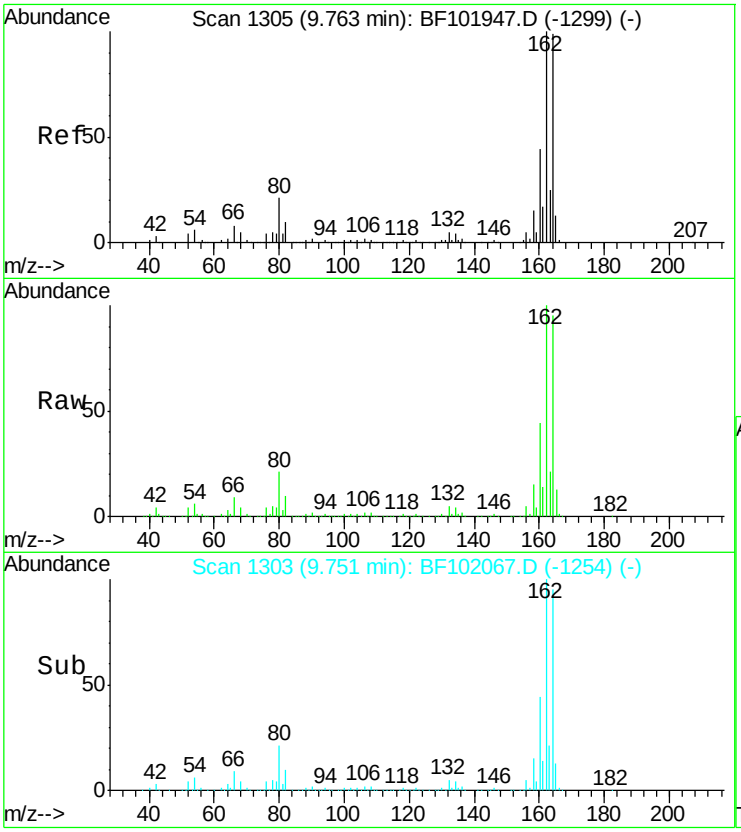


#37
2-Methylnaphthalene
Concen: 2.965 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:142 Resp: 80751

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.5	26.1	39.1



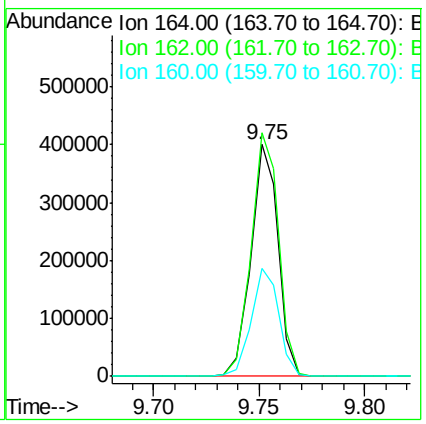


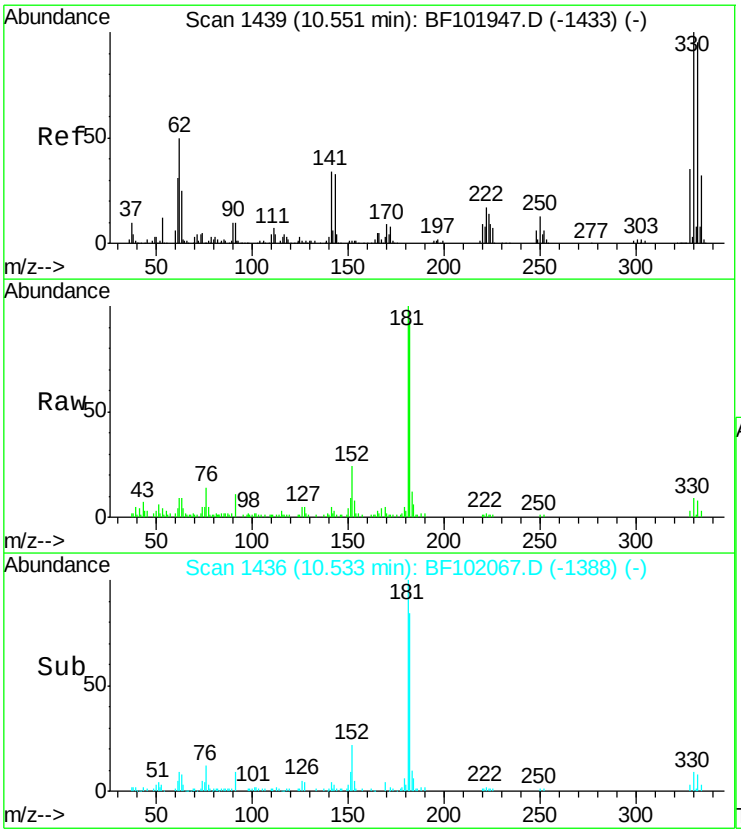
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:164 Resp: 356553

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.3	38.3	57.5

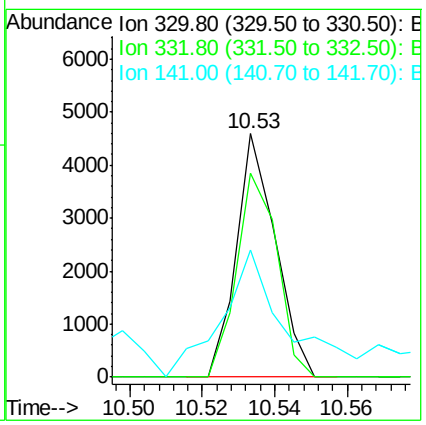


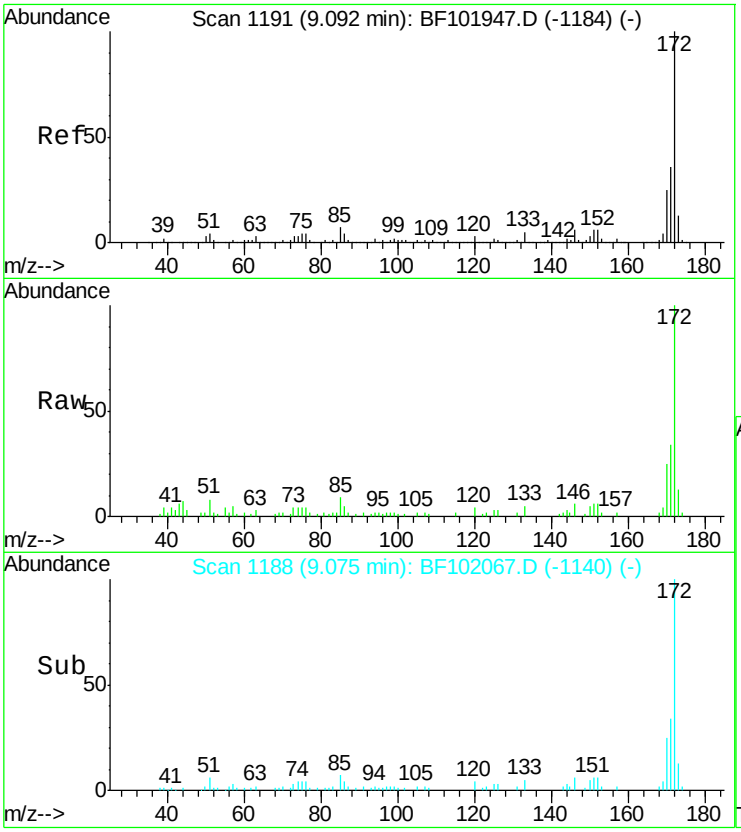


#41
2,4,6-Tribromophenol
Concen: 1.108 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:330 Resp: 3448

Ion	Ratio	Lower	Upper
330	100		
332	86.5	77.0	115.6
141	86.8	29.9	44.9#



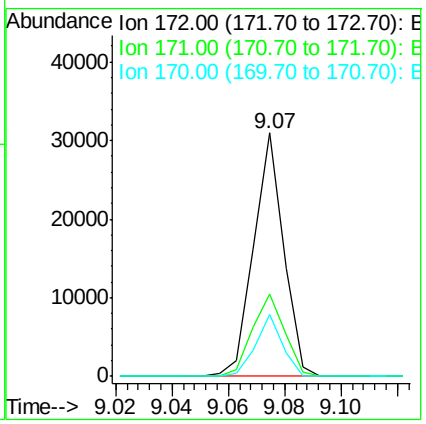


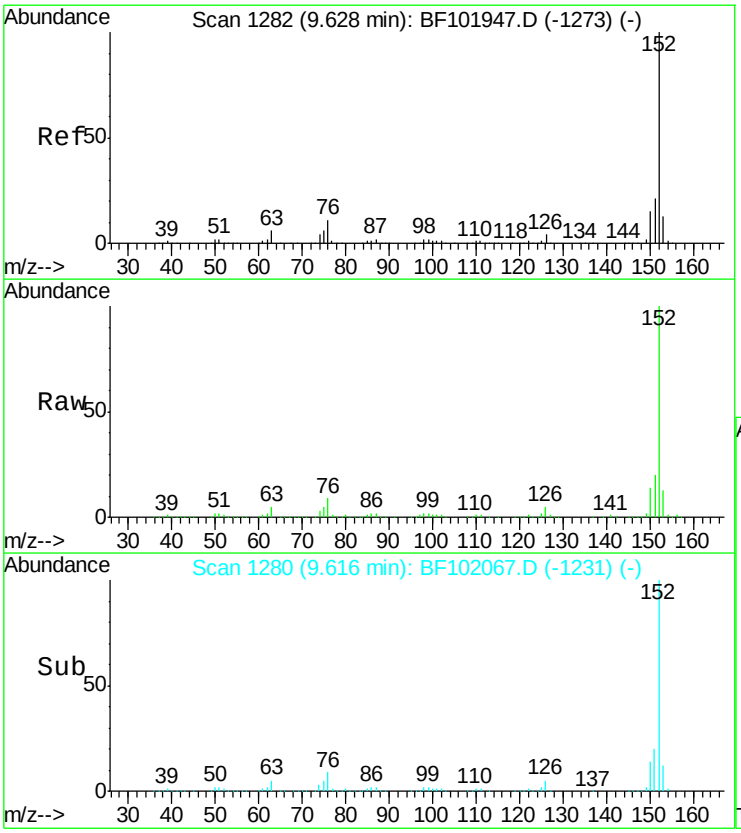
#44
2-Fluorobiphenyl
Concen: 0.996 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:172 Resp: 22741

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.7	44.5
170	25.2	19.6	29.4

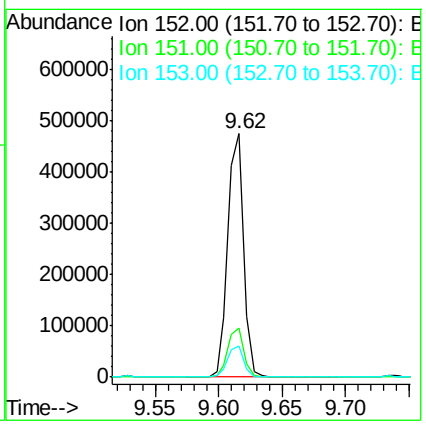


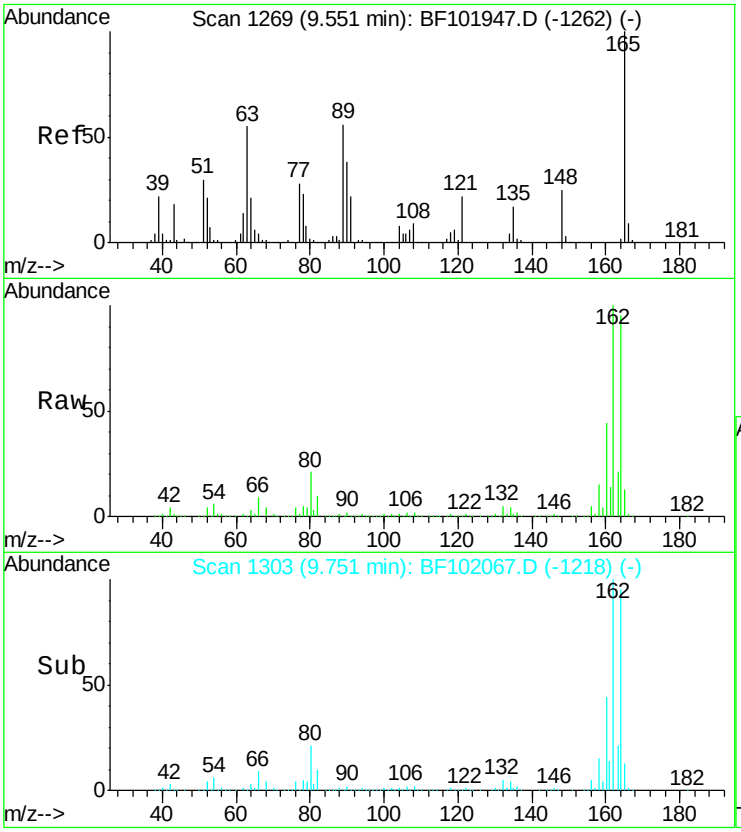


#48
Acenaphthylene
Concen: 10.579 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:152 Resp: 410313

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.7	10.7	16.1



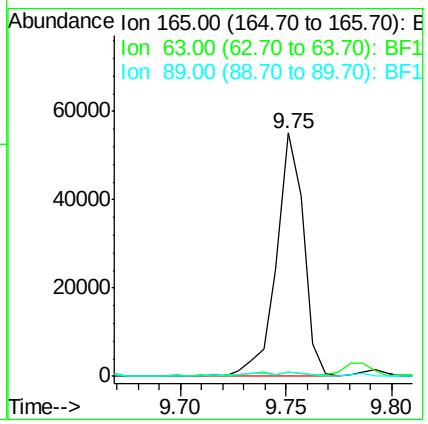


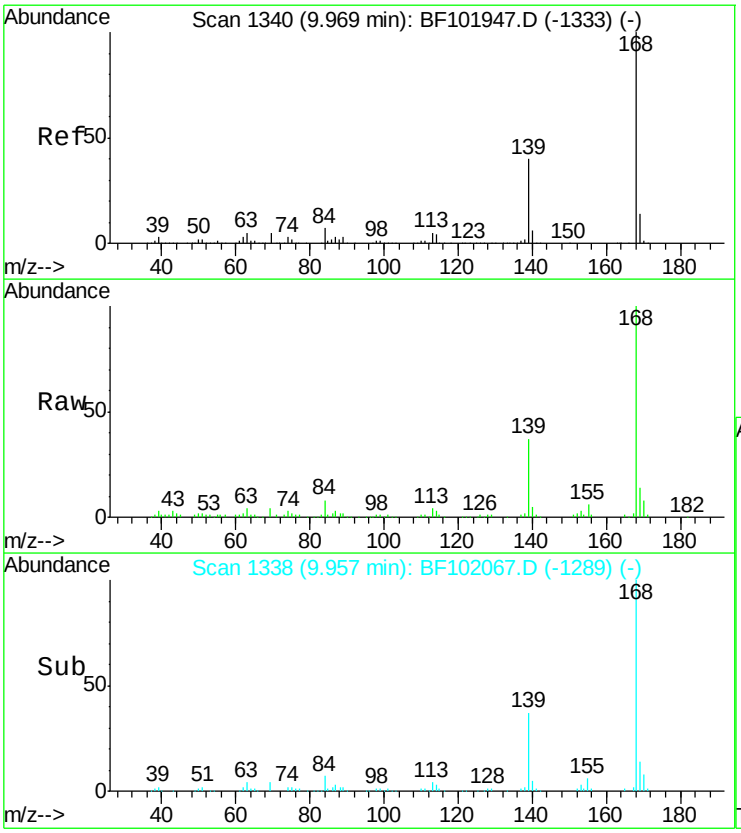
#50
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:165 Resp: 49205

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.8	44.0	66.0#

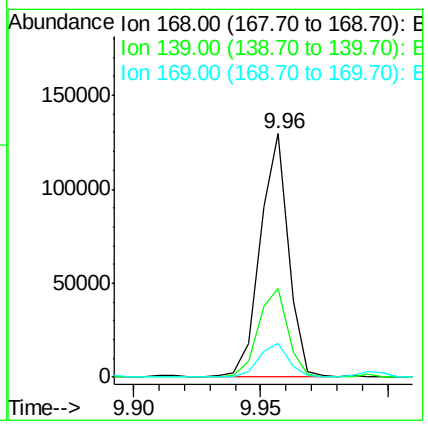


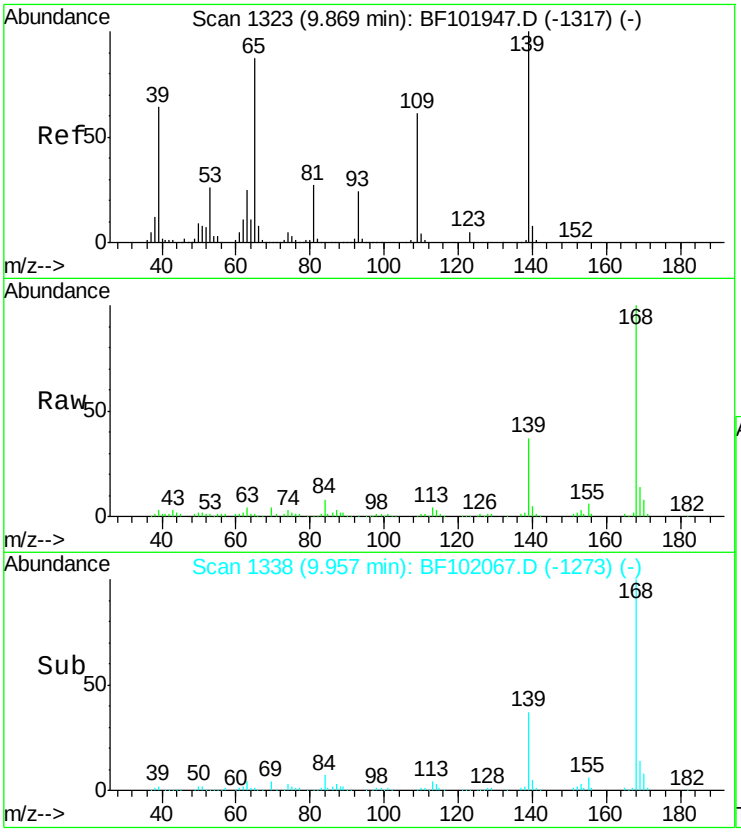


#54
Dibenzofuran
Concen: 3.130 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:168 Resp: 101131

Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.7	10.9	16.3



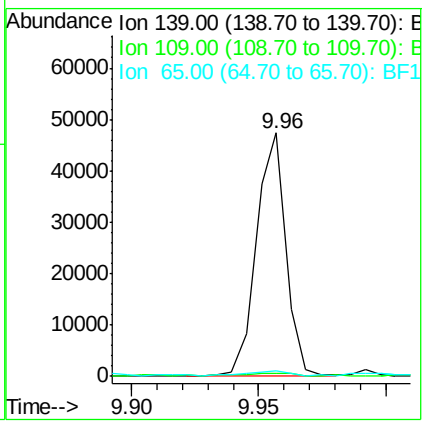


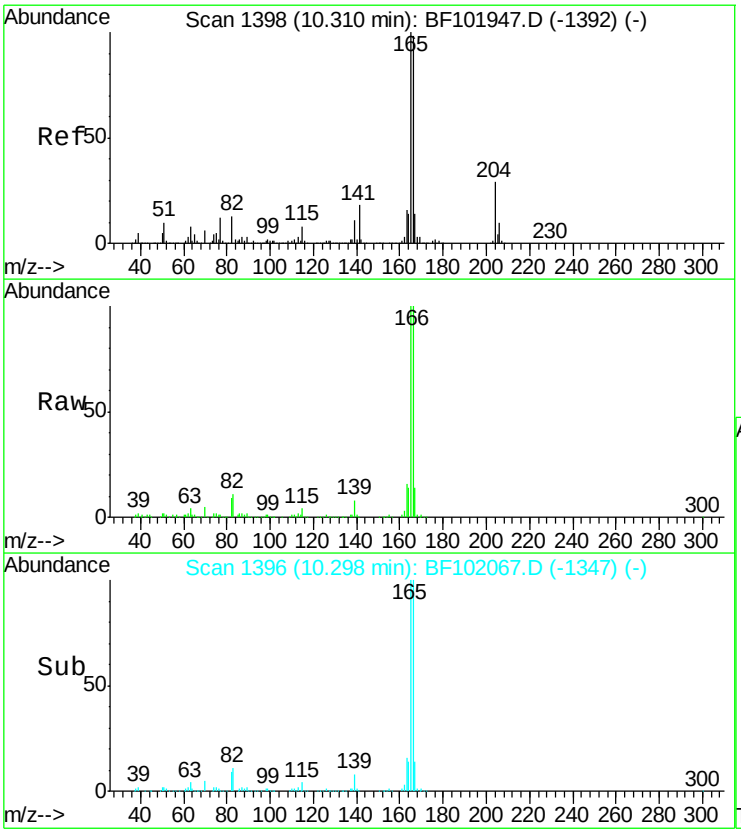
#55
4-Nitrophenol
Concen: 7.181 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:139 Resp: 38587

Ion	Ratio	Lower	Upper
139	100		
109	1.1	48.4	88.4#
65	2.1	72.6	112.6#

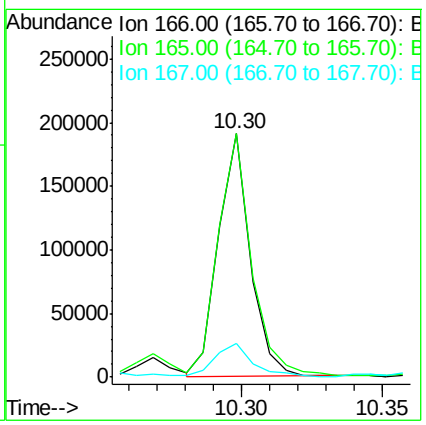


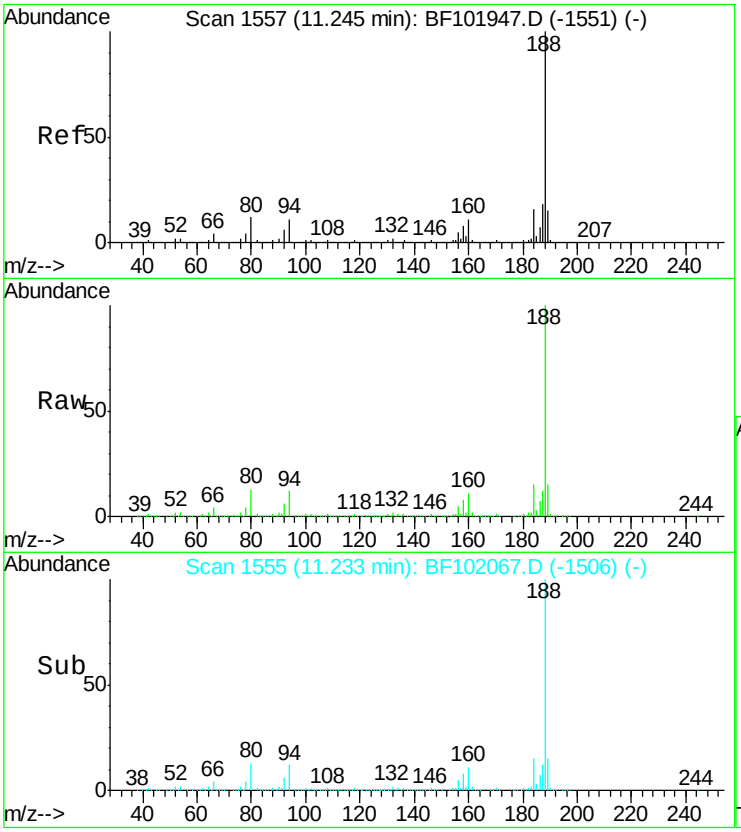


#57
Fluorene
Concen: 6.729 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:166 Resp: 150282

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.8	10.6	16.0



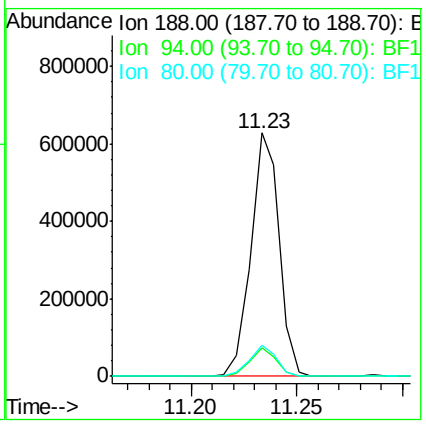


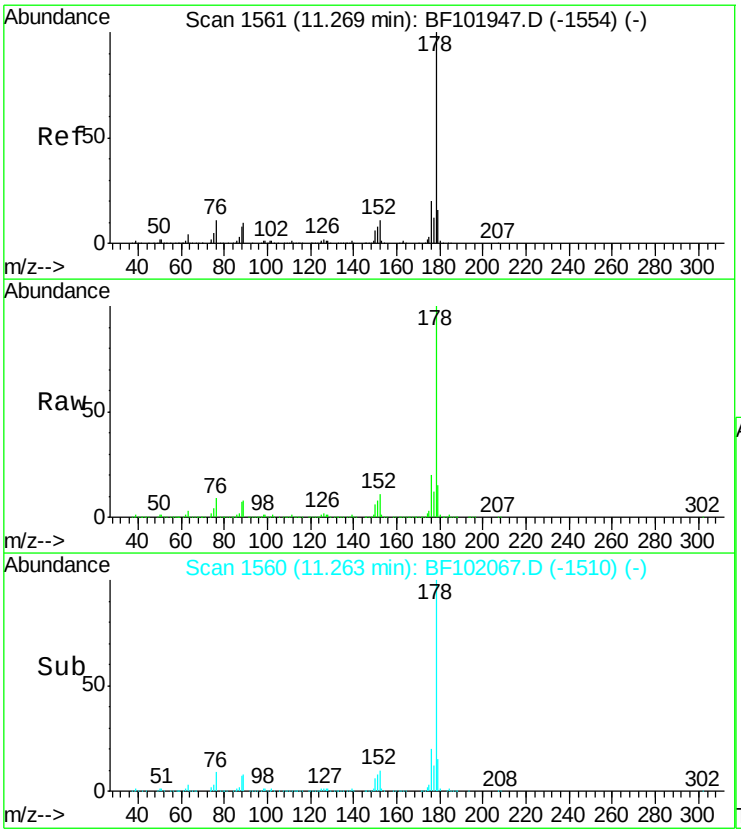
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:188 Resp: 581390

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.6	9.2	13.8

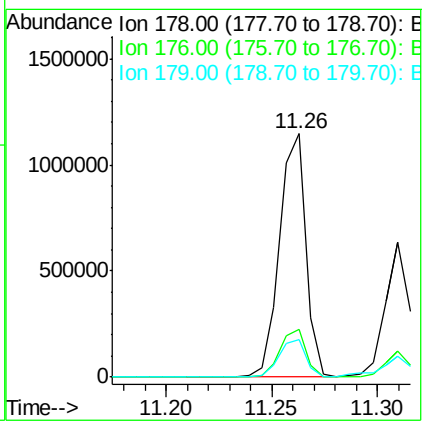


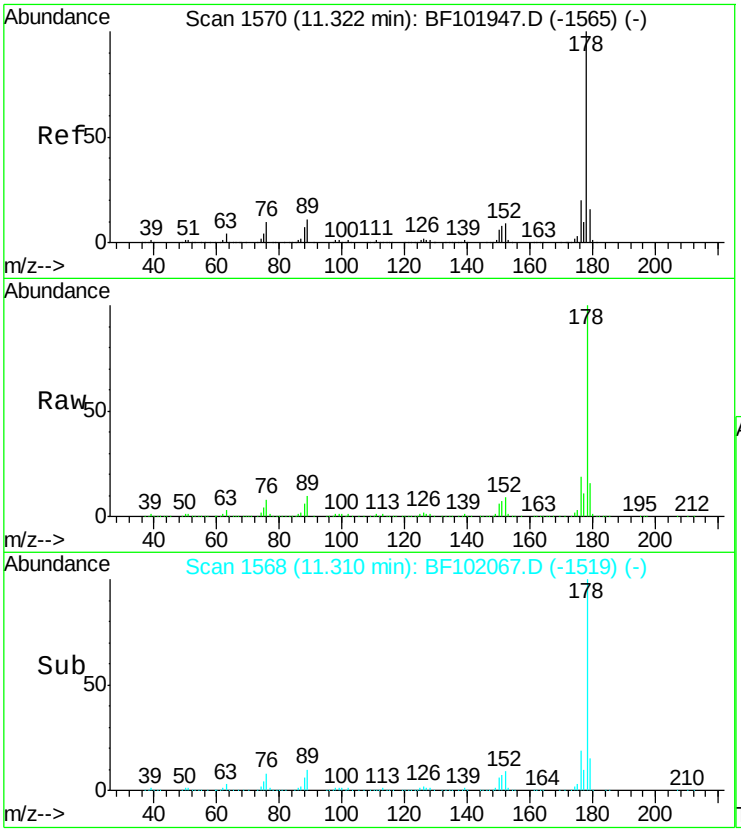


#70
Phenanthrene
Concen: 29.408 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:178 Resp: 998737

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



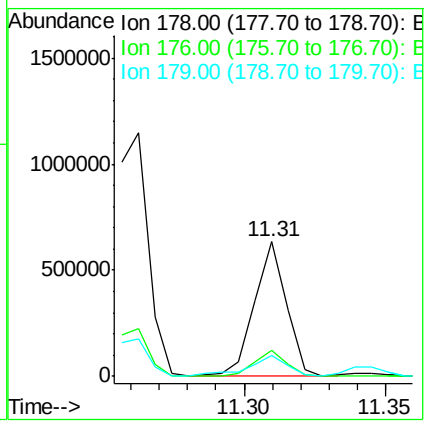


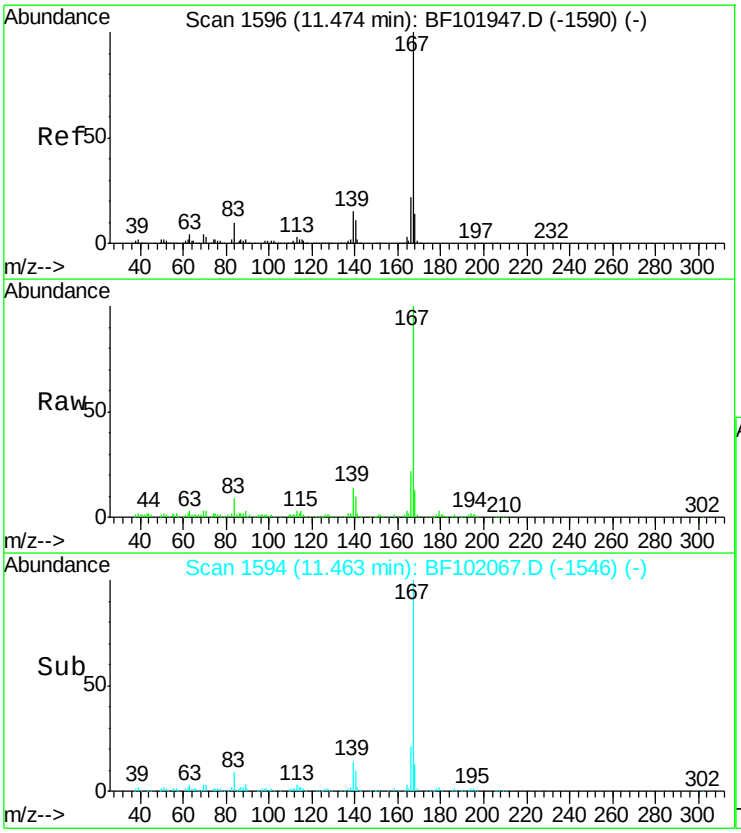
#71
Anthracene
Concen: 14.320 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:178 Resp: 493205

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

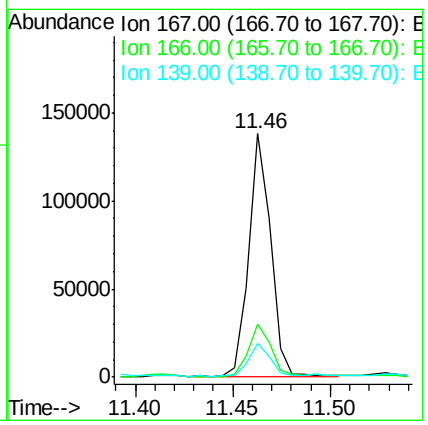


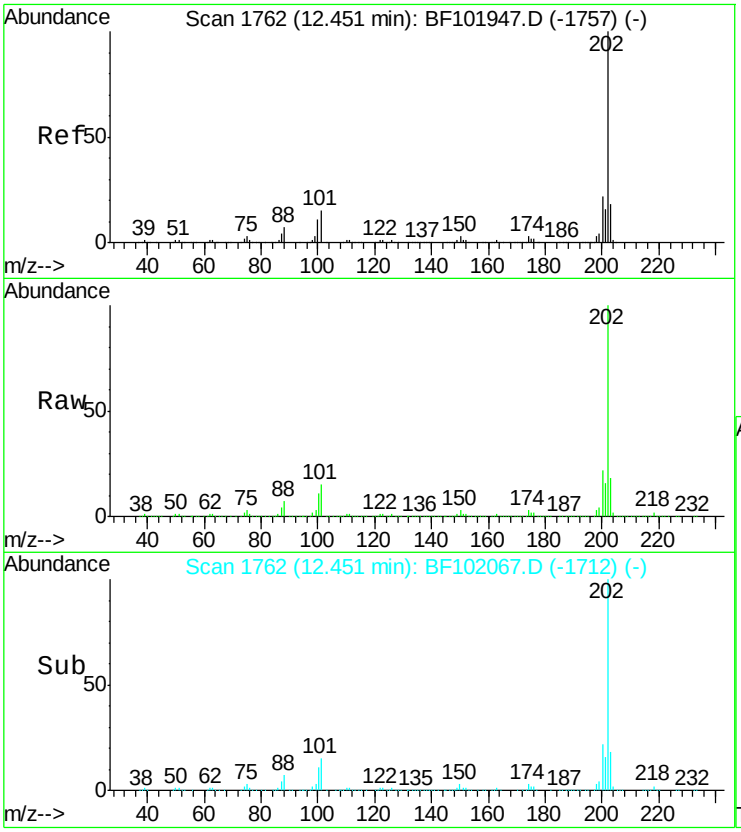


#72
Carbazole
Concen: 3.161 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:167 Resp: 106996

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.9	10.9	16.3



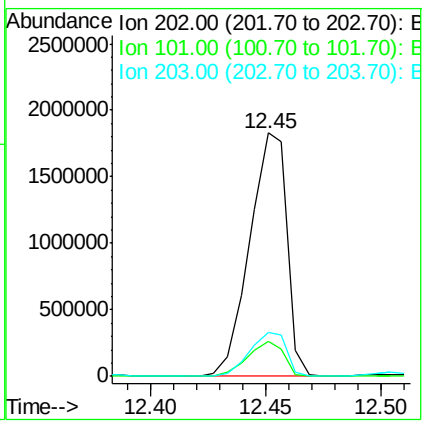


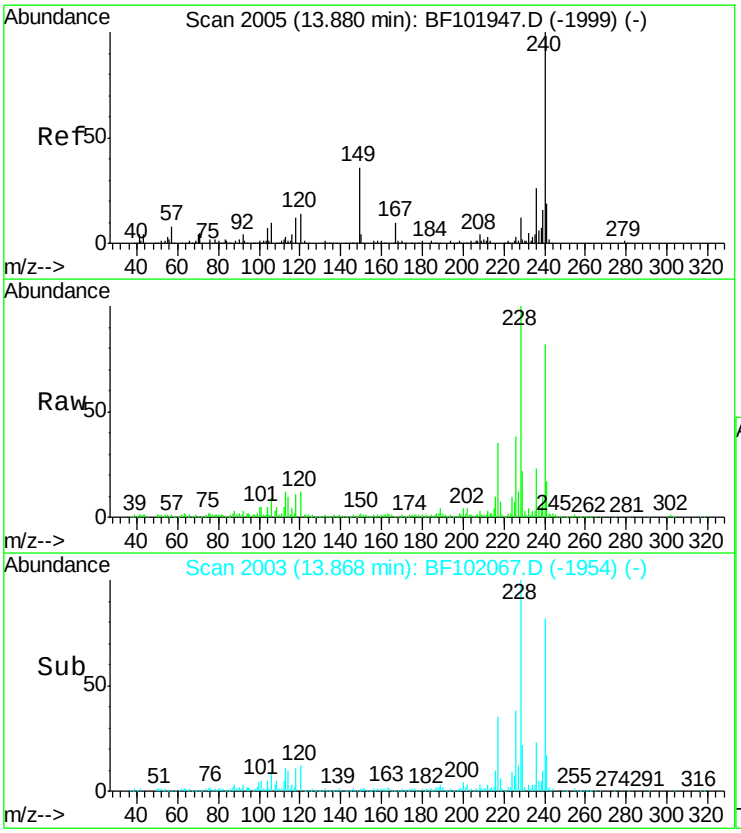
#74
Fluoranthene
Concen: 61.532 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:202 Resp: 2055980

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	18.3	0.0	38.1

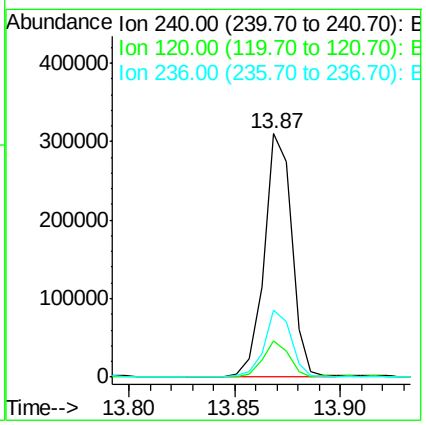


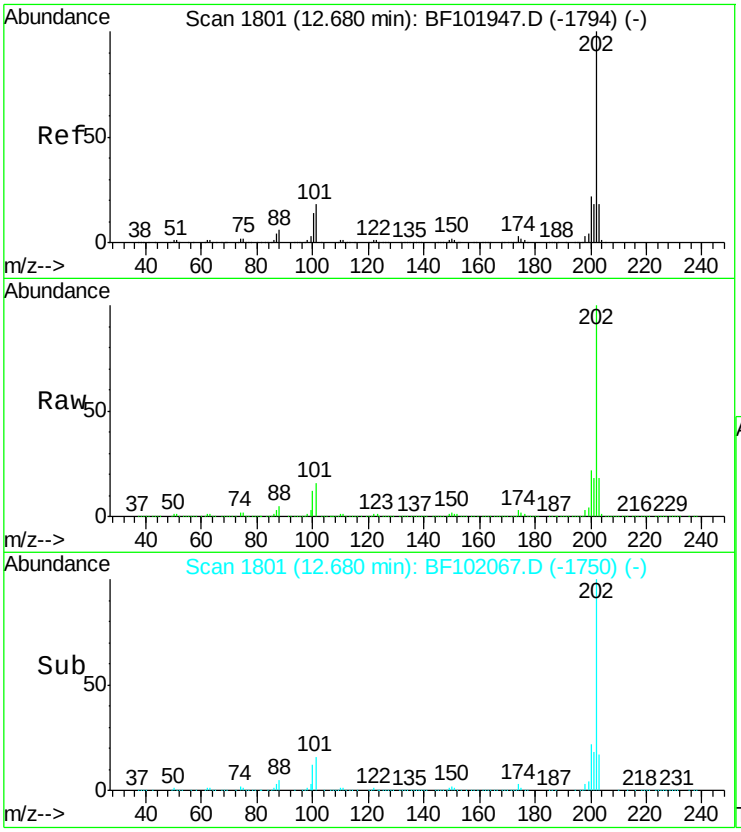


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:240 Resp: 280471

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	27.6	20.7	31.1



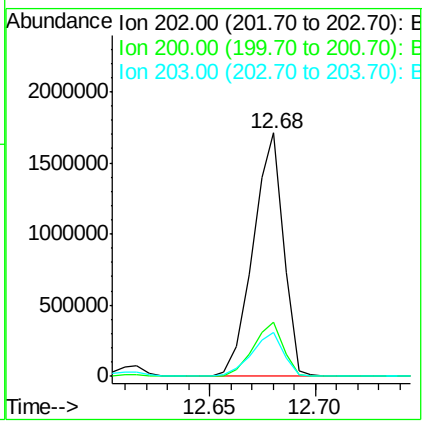


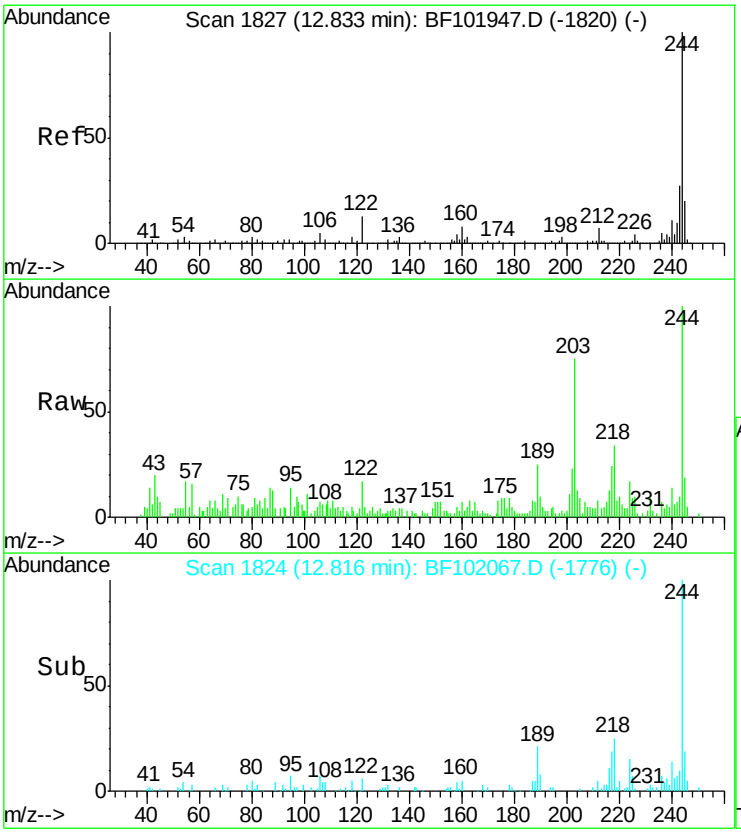
#77
Pyrene
Concen: 68.729 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:202 Resp: 1703932

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.1	14.3	21.5

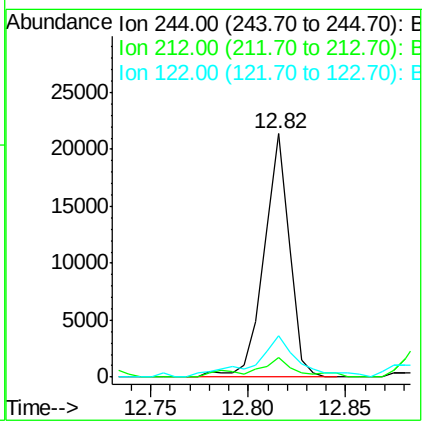


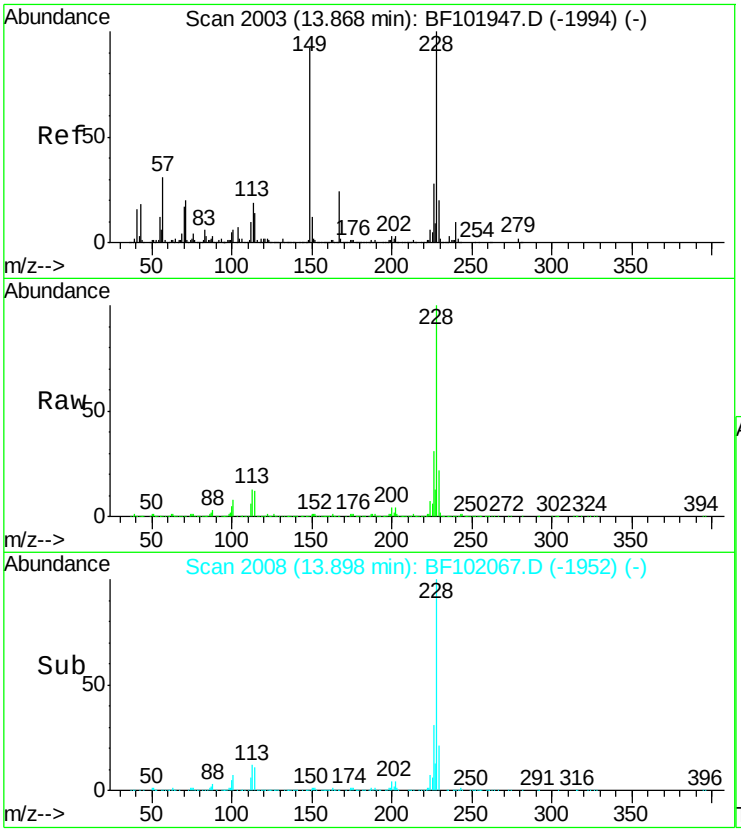


#78
Terphenyl-d14
Concen: 1.427 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:244 Resp: 19282

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	16.8	11.0	16.4#



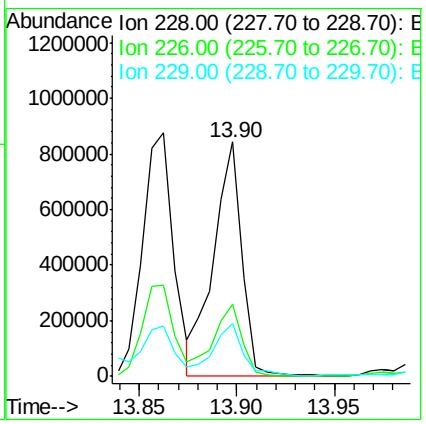


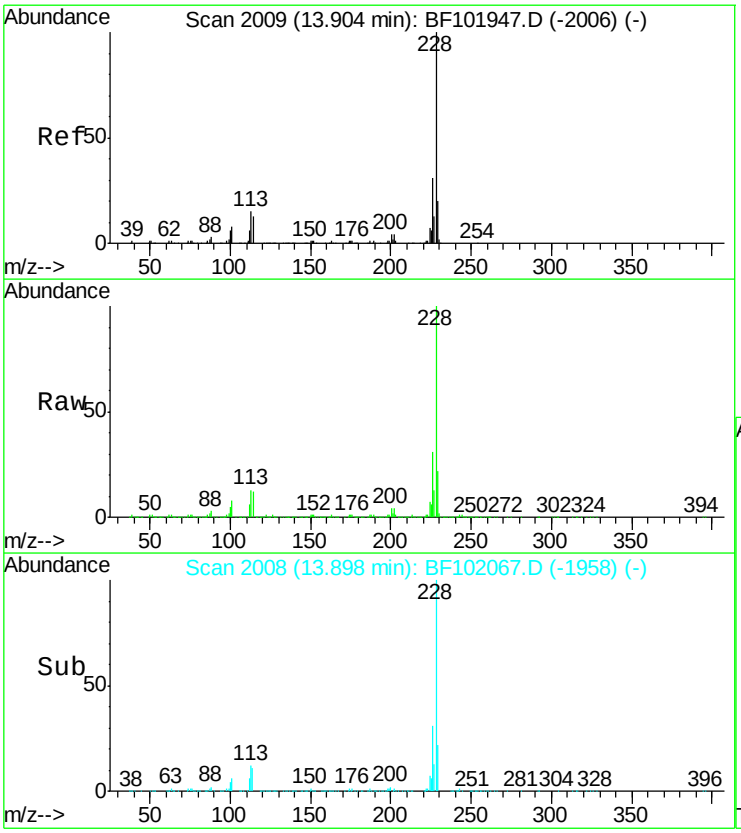
#80
Benzo(a)anthracene
Concen: 47.010 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:228 Resp: 841238

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	22.4	15.8	23.6

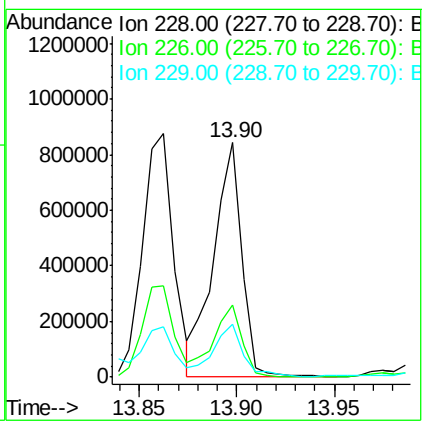


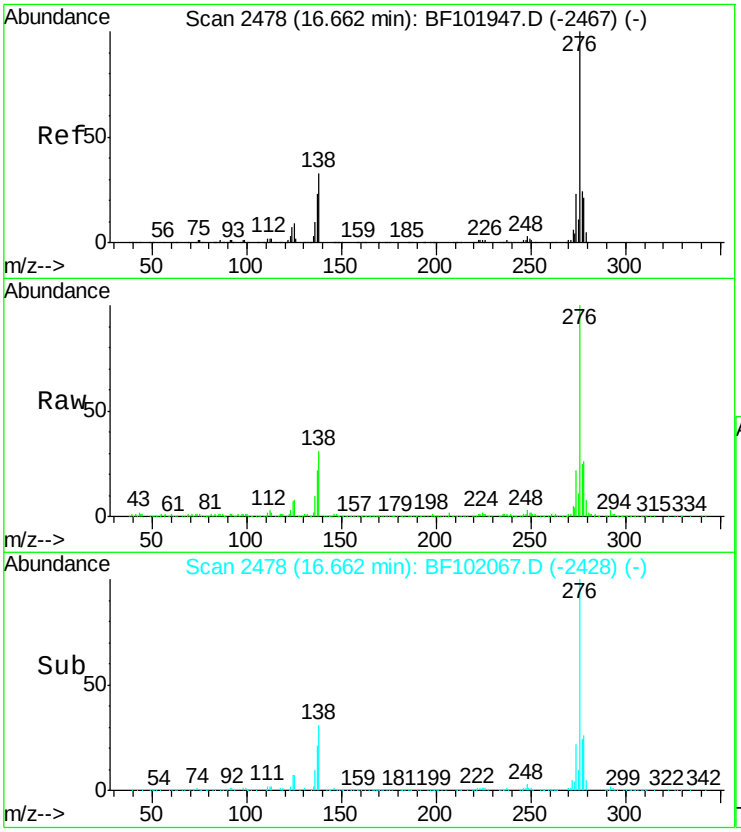


#82
Chrysene
Concen: 45.084 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:228 Resp: 841238

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.4	16.2	24.4



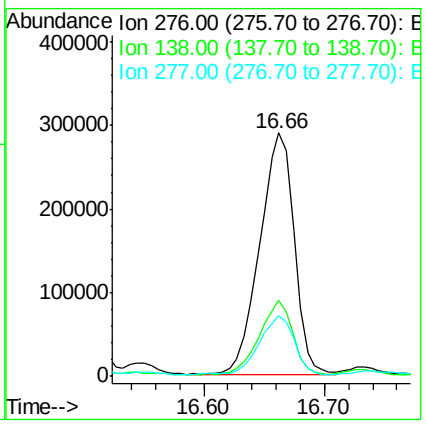


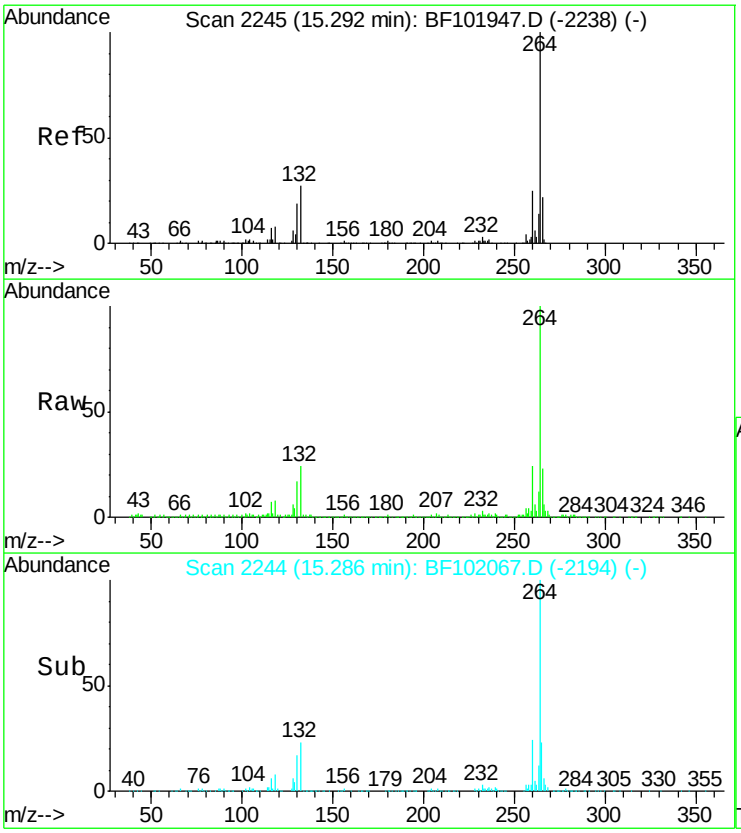
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.002 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:276 Resp: 570430

Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.0	37.6
277	24.4	20.1	30.1

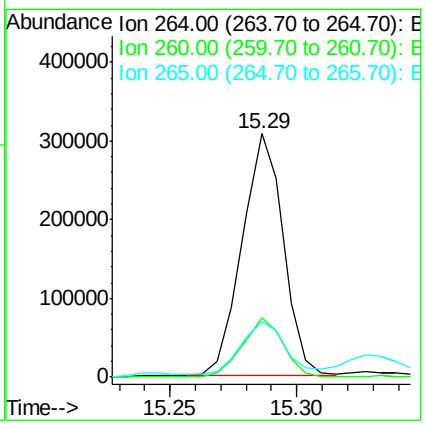


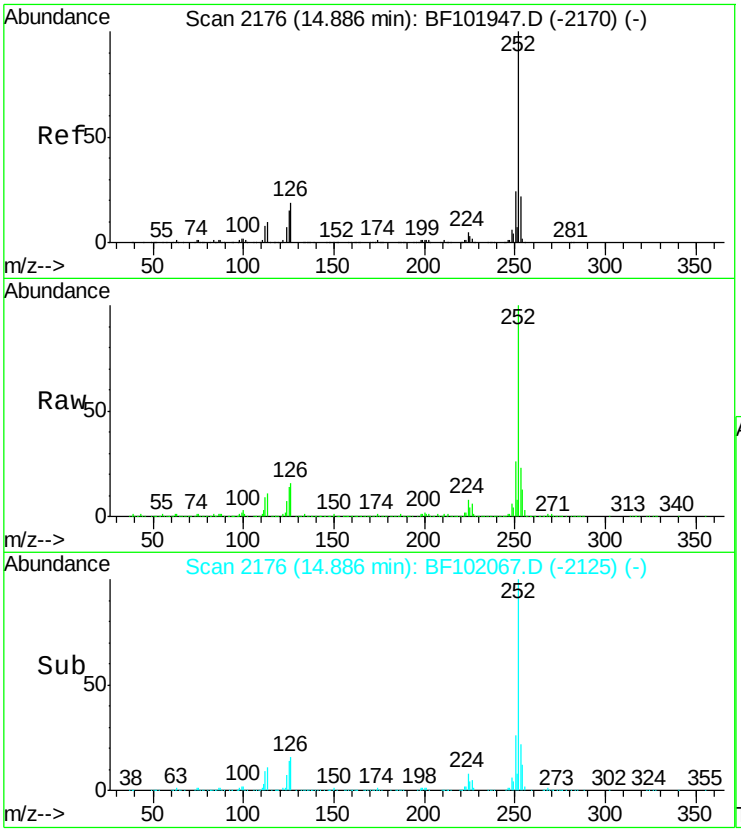


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:264 Resp: 350877

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.0	17.5	26.3



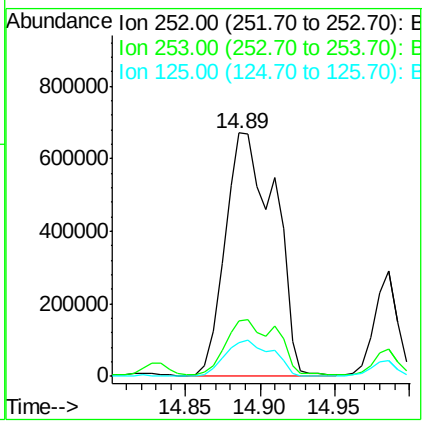


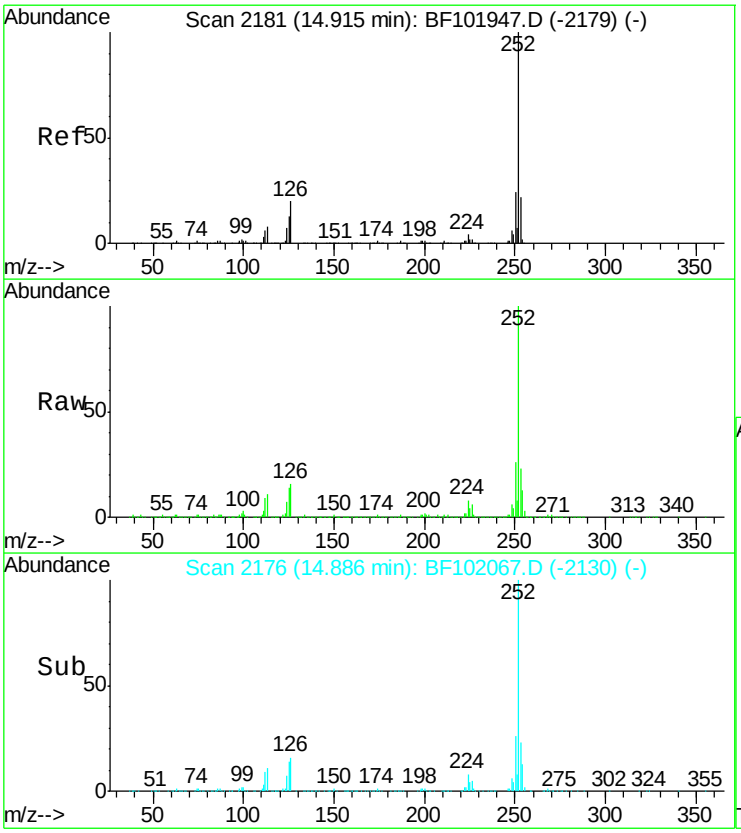
#87
Benzo(b)fluoranthene
Concen: 67.644 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:252 Resp: 1547590

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	14.0	9.0	13.6#

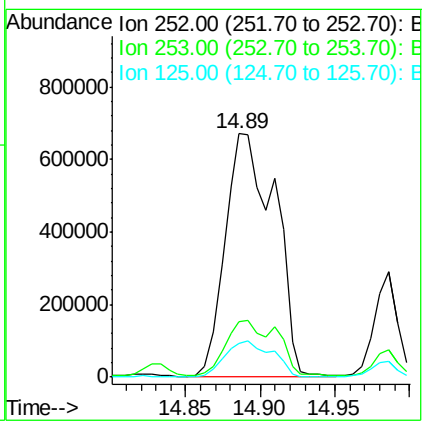


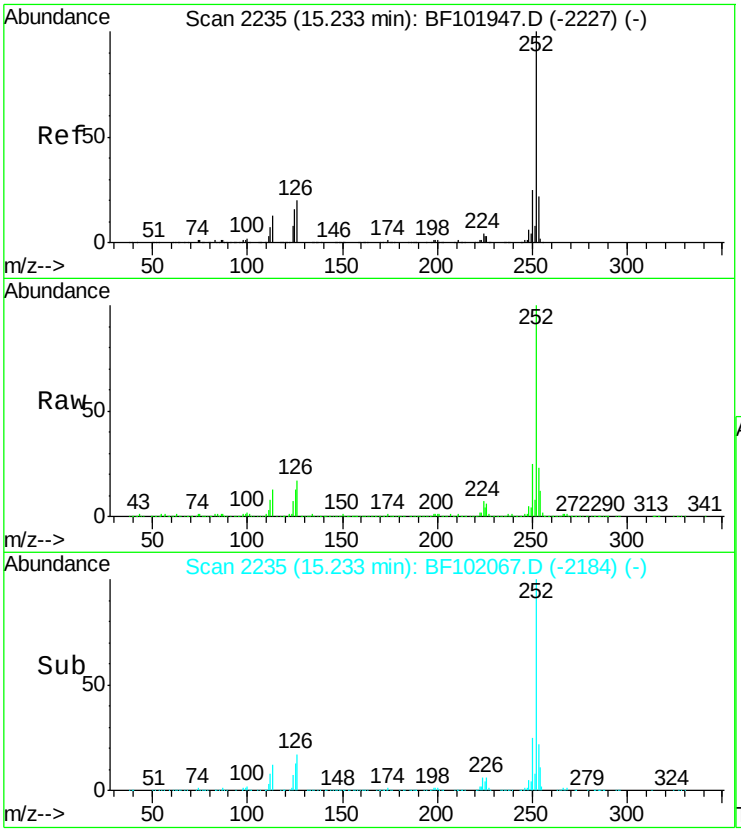


#88
Benzo(k)fluoranthene
Concen: 70.122 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:252 Resp: 1547590

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	14.0	10.2	15.2



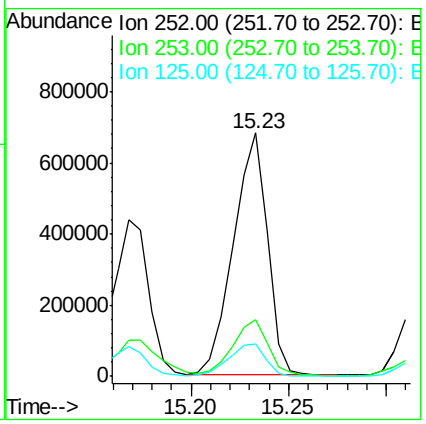


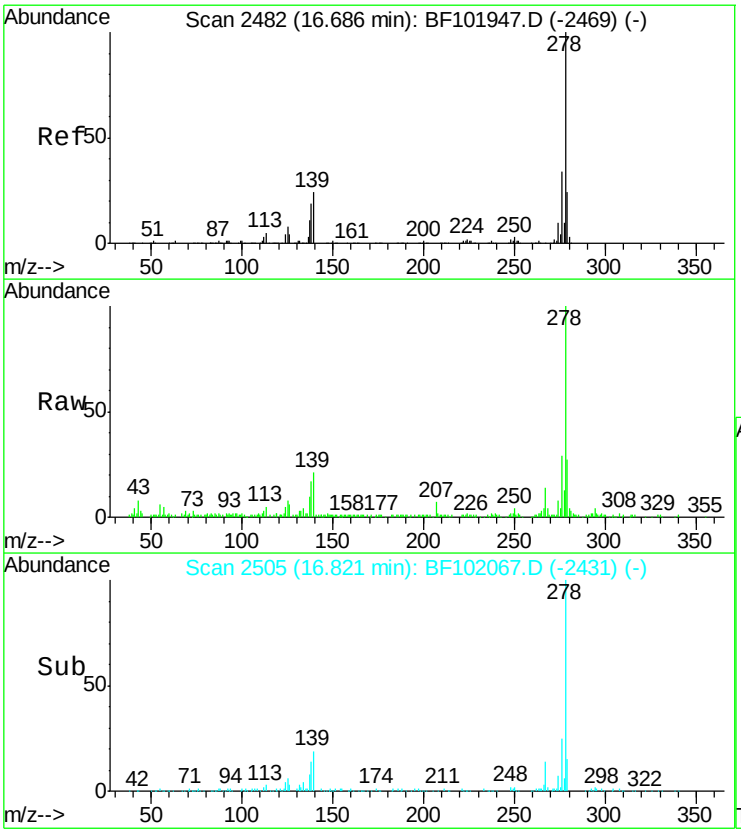
#89
Benzo(a)pyrene
Concen: 39.996 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:252 Resp: 823405

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.2	9.8	14.6

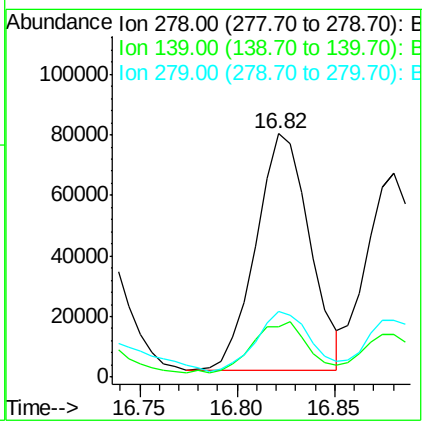


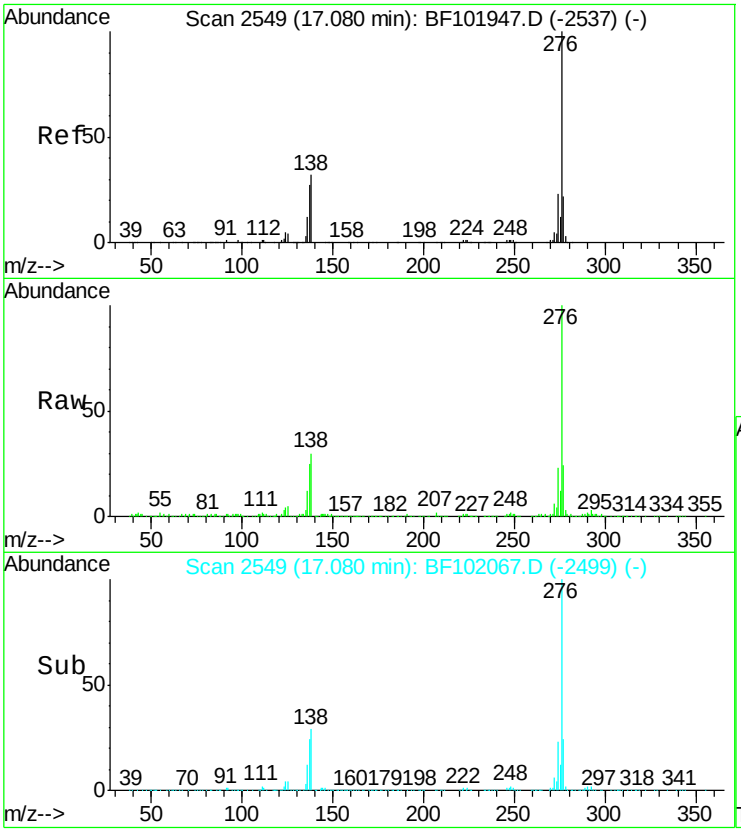


#90
Dibenzo(a,h)anthracene
Concen: 9.052 ng
RT: 16.82 min Scan# 2505
Delta R.T. 0.14 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:278 Resp: 148724

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.9	23.9
279	26.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 30.655 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:276 Resp: 507325

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	29.6	21.8	32.8