Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100514.D
Acq On : 13 Nov 2017 20:28
Operator : SJ/JU
Sample : I6311-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-111017

Quant Time: Nov 14 00:53:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81034	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	303129	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	125381	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	198810	20.00	ng		0.00
75) Chrysene-d12	14.06	240	161710	20.00	ng		0.00
86) Perylene-d12	15.53	264	125491	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	87236	17.26	ng		0.00
7) Phenol-d6	6.50	99	120457	19.32	ng		-0.01
23) Nitrobenzene-d5	7.45	82	65987	14.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	28837	22.57	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	152531	18.52	ng		0.00
78) Terphenyl-d14	13.00	244	101629	14.44	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.45	82	65985	6.85	ng	#	64
31) Naphthalene	8.19	128	35858	2.46	ng		98
47) 2-Nitroaniline	9.64	65	273	2.89	ng	#	1
49) Dimethylphthalate	9.64	163	32917	3.44	ng		98
50) 2,6-Dinitrotoluene	9.93	165	16927	8.93	ng	#	24
51) Acenaphthene	9.96	154	18419	2.32	ng		97
55) 4-Nitrophenol	10.13	139	8325	4.58	ng	#	11
56) 2,4-Dinitrotoluene	9.93	165	16927	7.08	ng	#	21
57) Fluorene	10.47	166	31682	3.89	ng		100
62) Azobenzene	10.64	77	20430	2.26	ng	#	1
70) Phenanthrene	11.44	178	272416	26.02	ng		100
71) Anthracene	11.49	178	59466	5.60	ng		99
72) Carbazole	11.64	167	22086	2.25	ng		99
74) Fluoranthene	12.63	202	320904	28.93	ng		93
77) Pyrene	12.86	202	286344	24.84	ng		98
80) Benzo(a)anthracene	14.04	228	132289	13.58	ng		95
82) Chrysene	14.08	228	109471	11.61	ng		96
85) Indeno(1,2,3-cd)pyrene	17.02	276	40407	5.30	ng	#	91
87) Benzo(b)fluoranthene	15.10	252	144503	19.44	ng		98
88) Benzo(k)fluoranthene	15.10	252	144503	20.57	ng		98
89) Benzo(a)pyrene	15.47	252	76609	11.62	ng		97
91) Benzo(g,h,i)perylene	17.47	276	38585	7.31	ng	#	91

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100514.D
Acq On : 13 Nov 2017 20:28
Operator : SJ/JU
Sample : I6311-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Quant Time: Nov 14 00:53:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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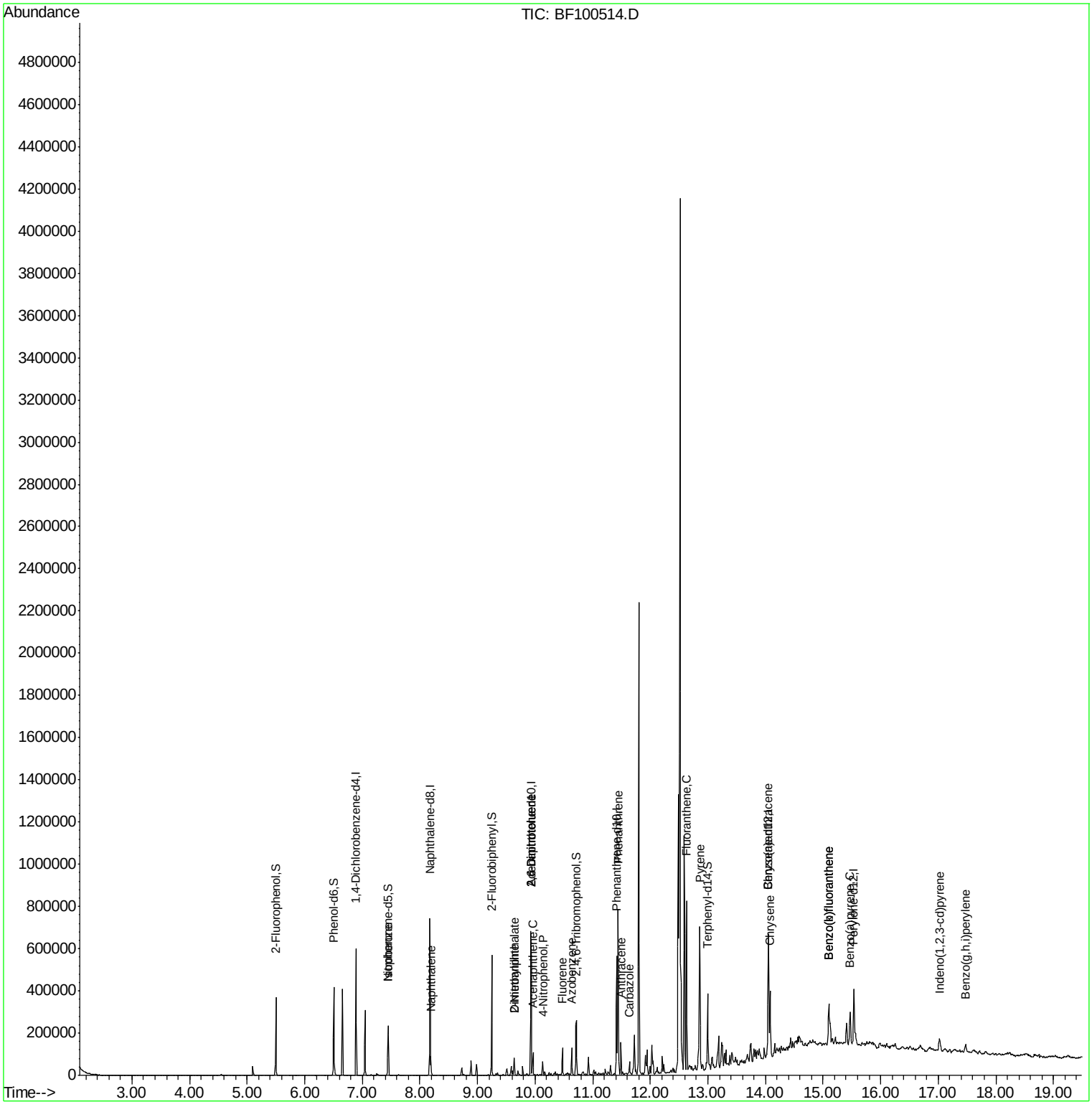
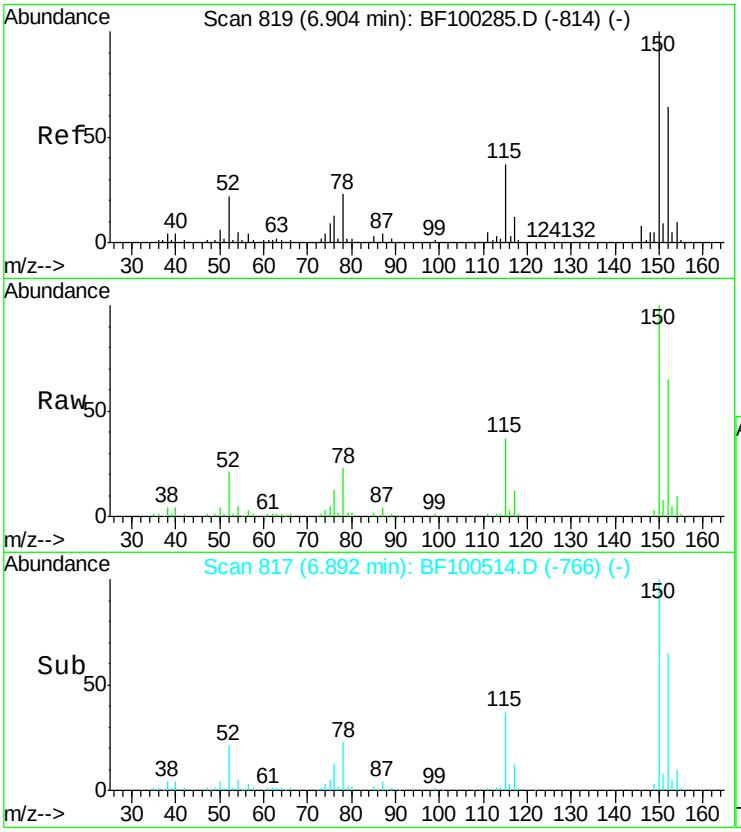


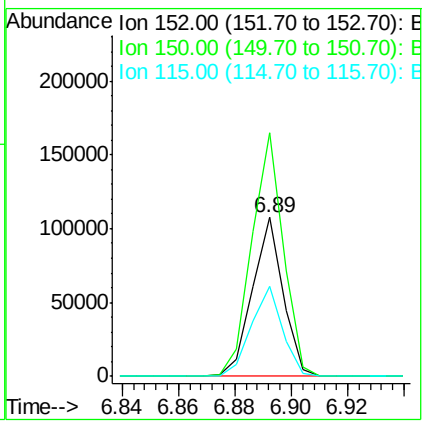


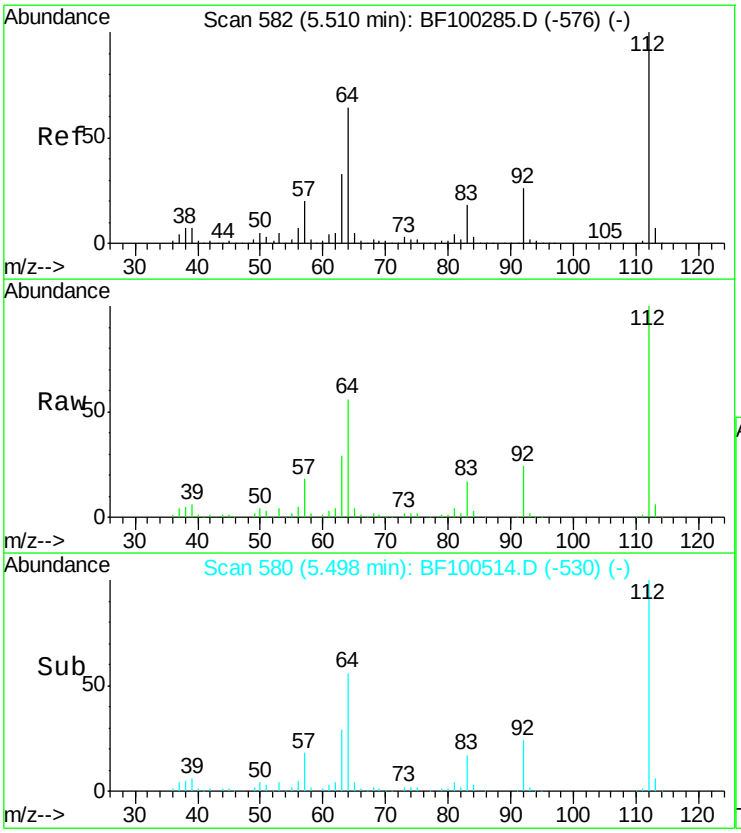
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:152 Resp: 81034

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	56.9	50.1	75.1

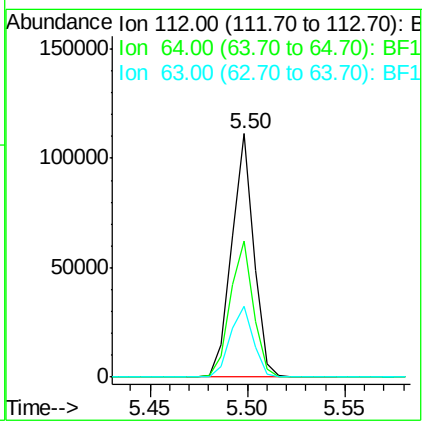


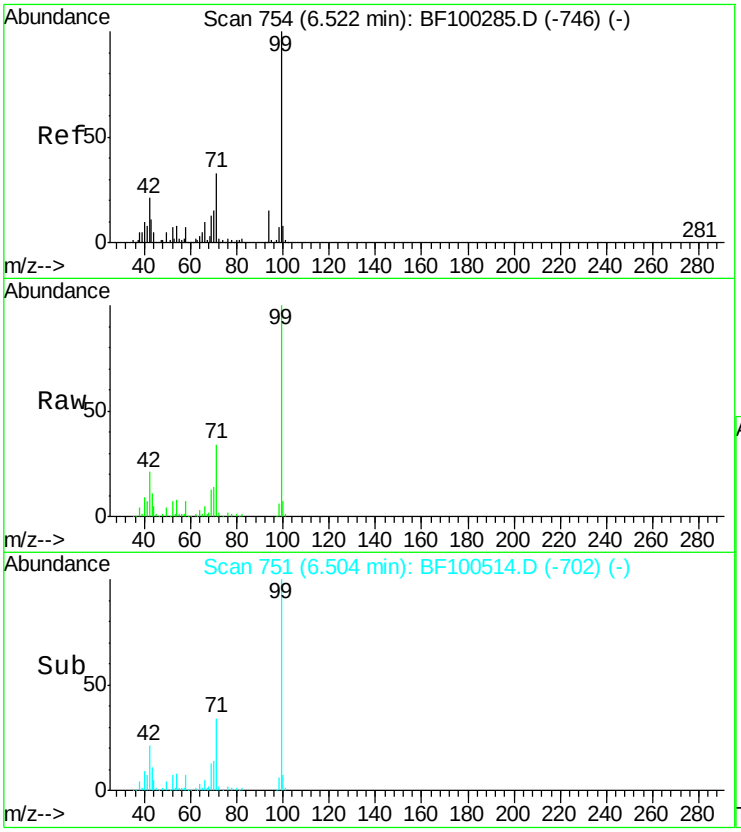


#5
2-Fluorophenol
Concen: 17.26 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:112 Resp: 87236

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	29.1	23.7	35.5



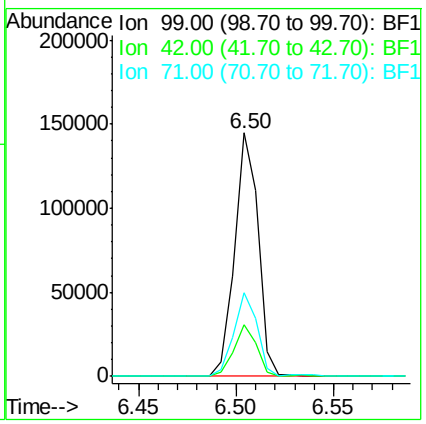


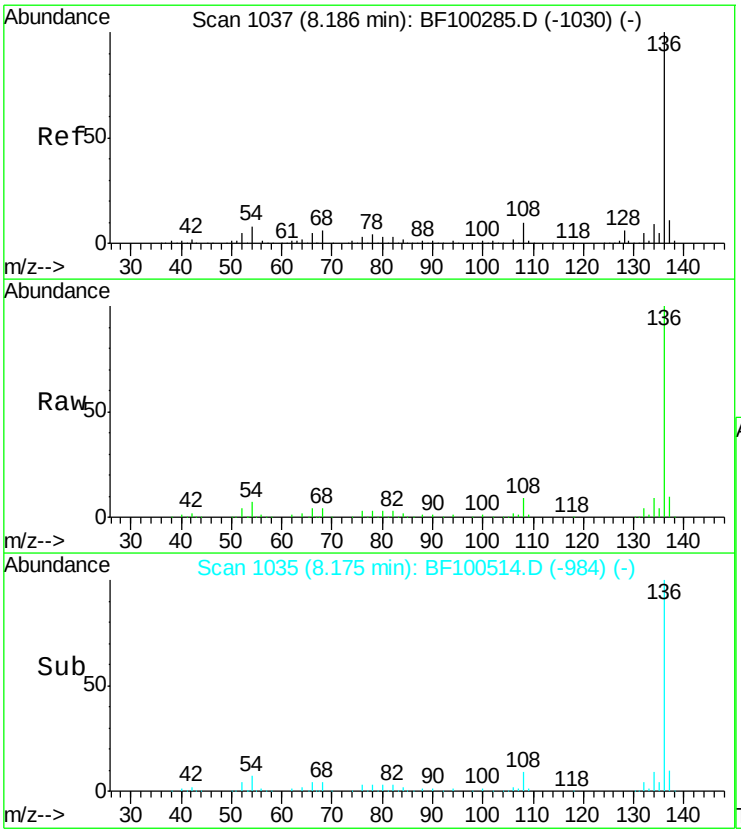
#7
Phenol-d6
Concen: 19.32 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion: 99 Resp: 120457

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	34.4	25.4	38.0

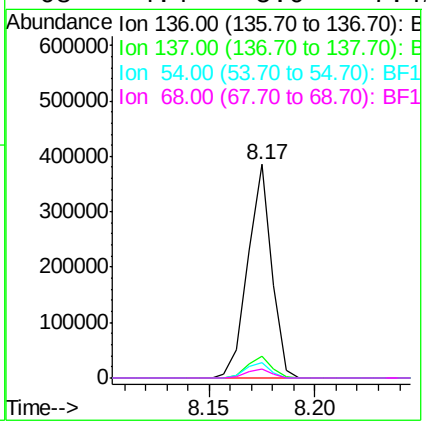


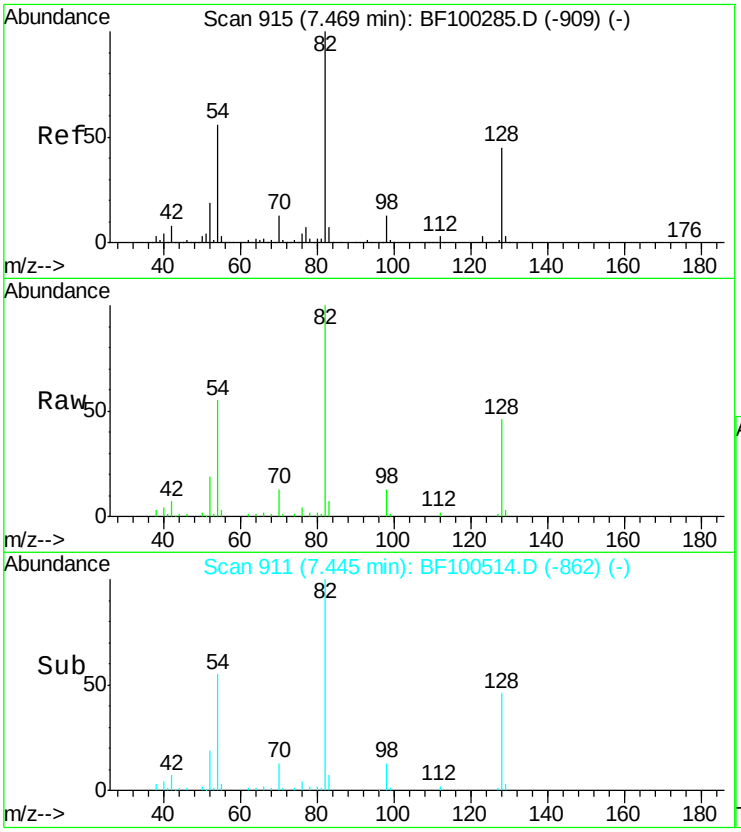


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:136 Resp: 303129

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.3	6.6	9.8
68	4.4	5.0	7.4#



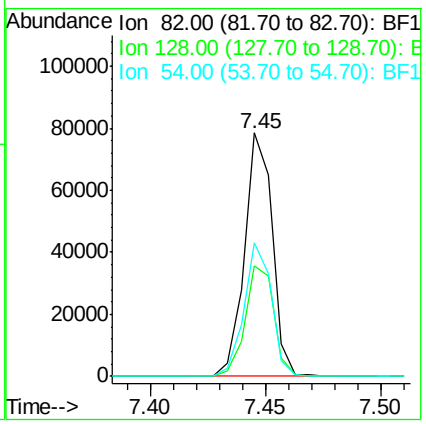


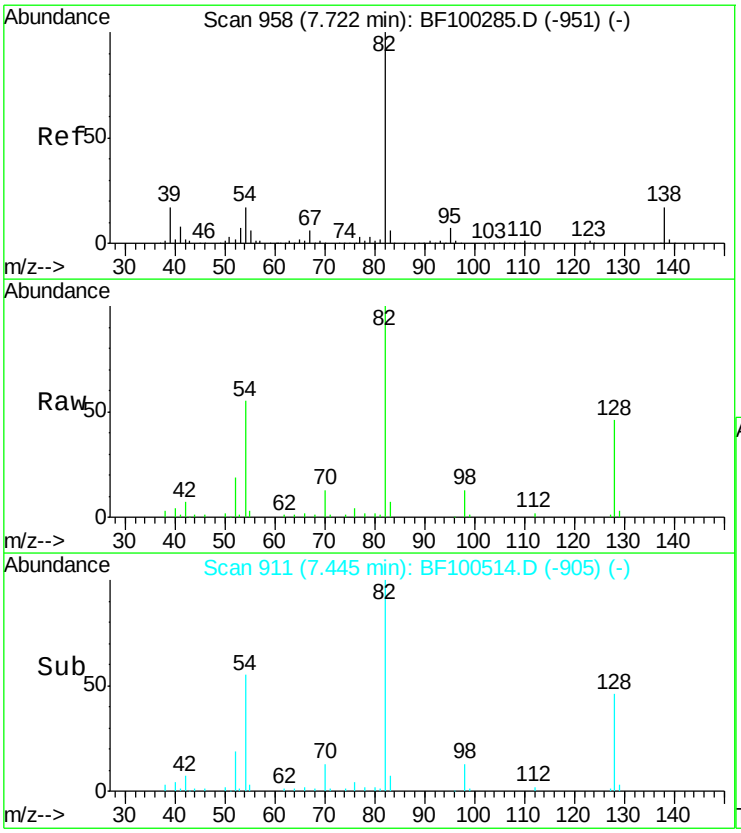
#23
Nitrobenzene-d5
Concen: 14.39 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion: 82 Resp: 65987

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	55.0	41.4	62.2

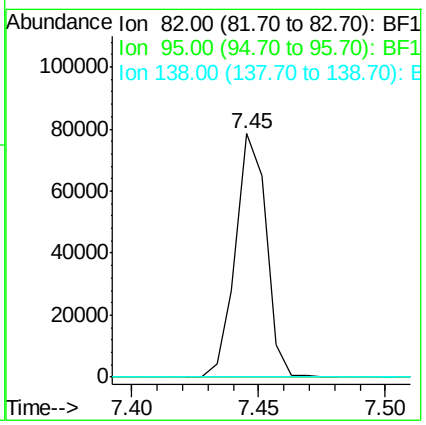


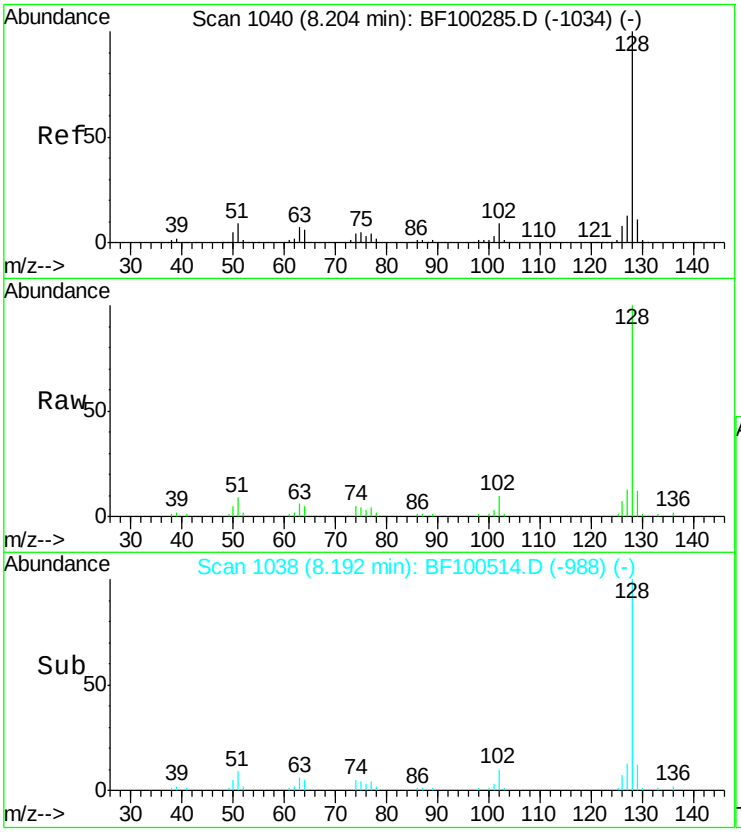


#25
Isophorone
Concen: 6.85 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion: 82 Resp: 65985

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



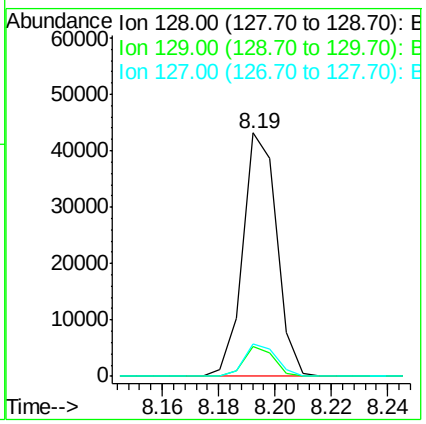


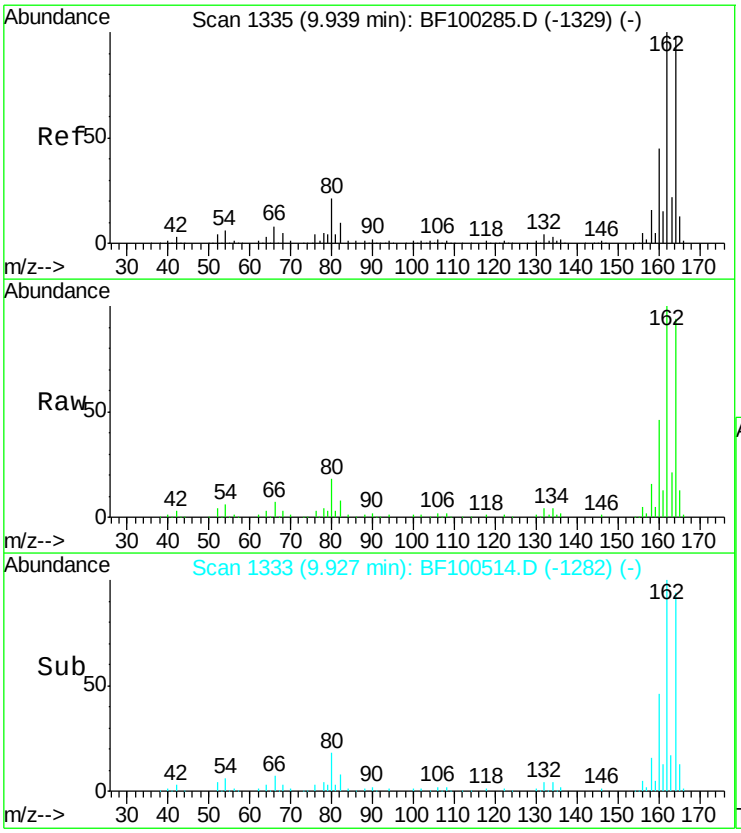
#31
Naphthalene
Concen: 2.46 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:128 Resp: 35858

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	13.3	10.9	16.3

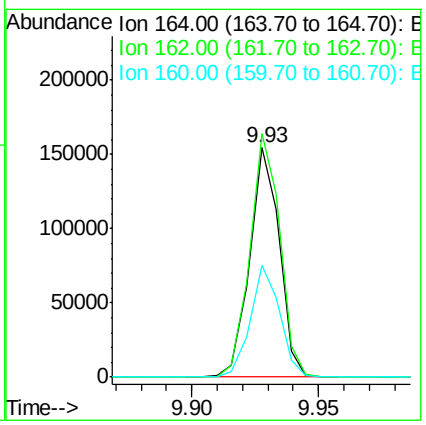


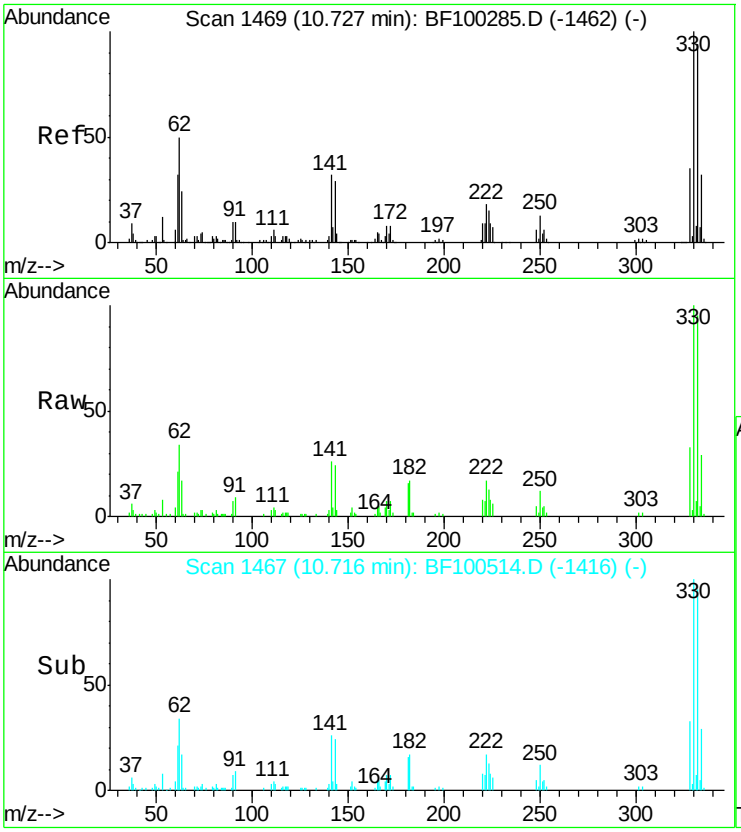


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:164 Resp: 125381

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	48.8	38.3	57.5



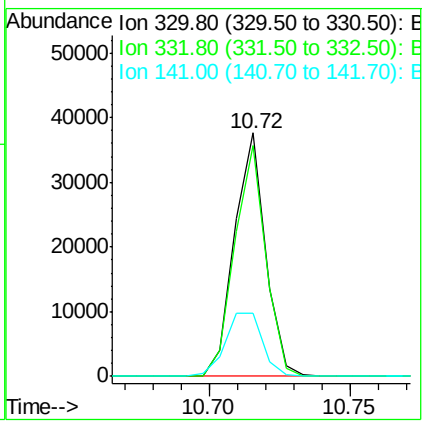


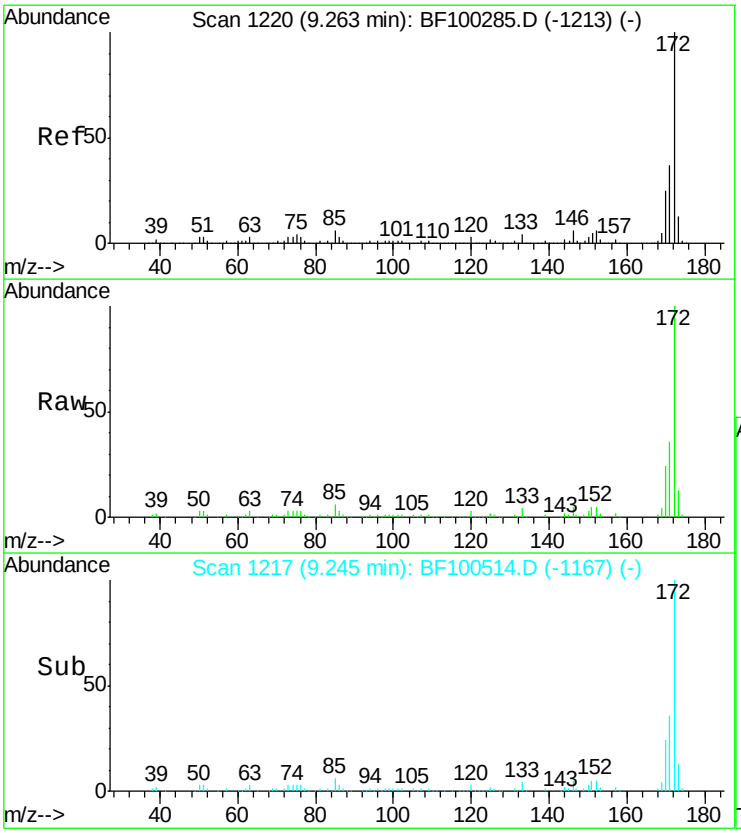
#41
2,4,6-Tribromophenol
Concen: 22.57 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:330 Resp: 28837

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.3	29.9	44.9

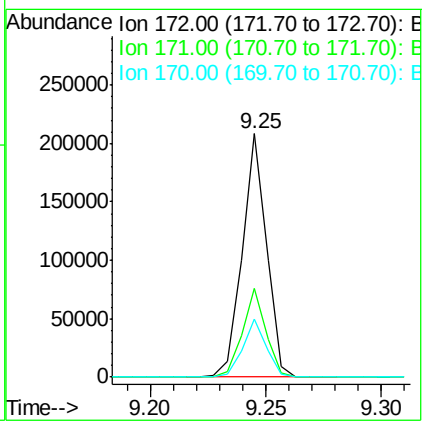


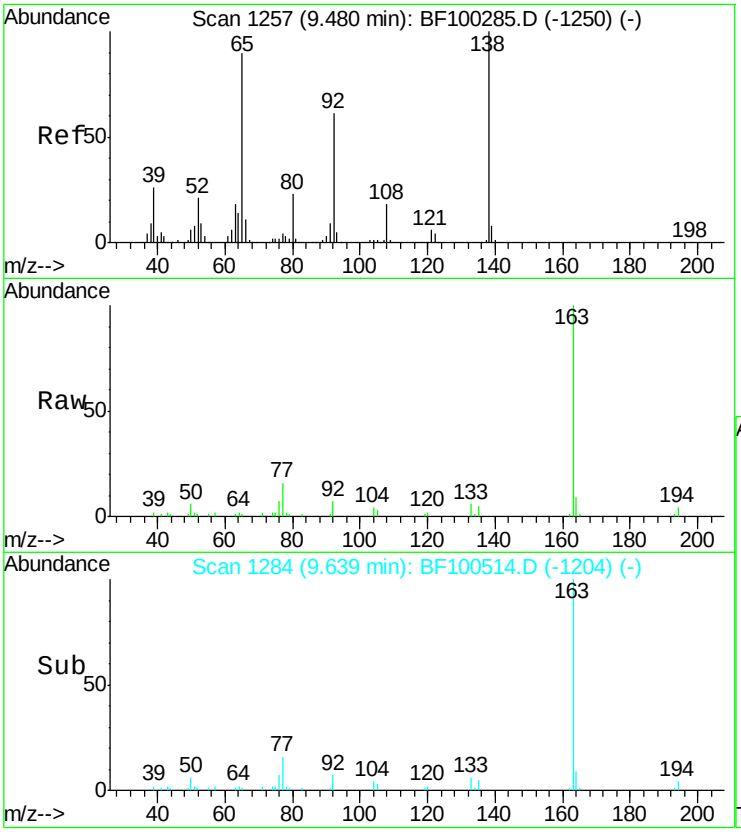


#44
2-Fluorobiphenyl
Concen: 18.52 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:172 Resp: 152531

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4



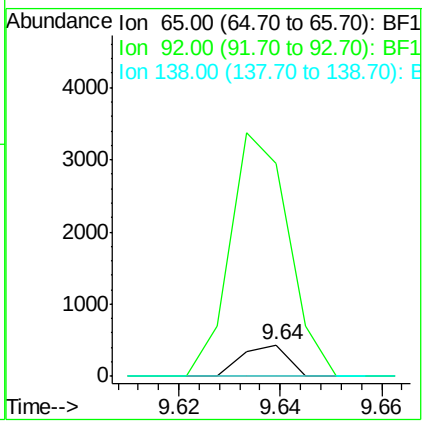


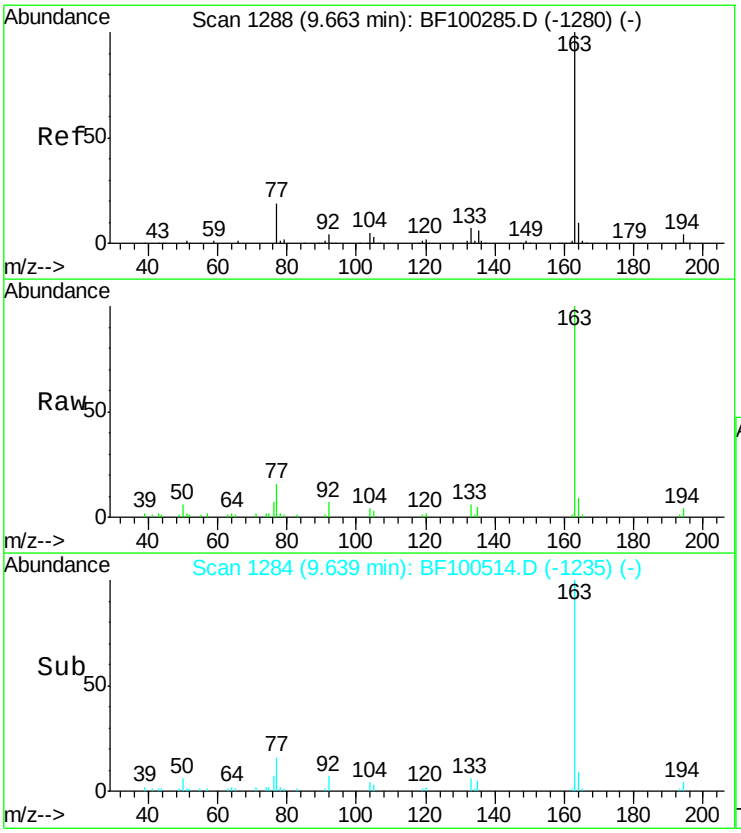
#47
2-Nitroaniline
Concen: 2.89 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.17 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion: 65 Resp: 273

Ion	Ratio	Lower	Upper
65	100		
92	676.7	55.8	83.6#
138	0.0	91.2	136.8#

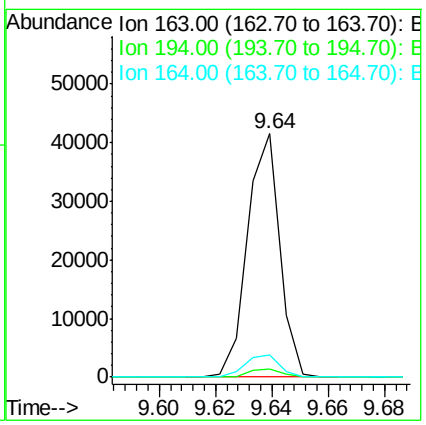


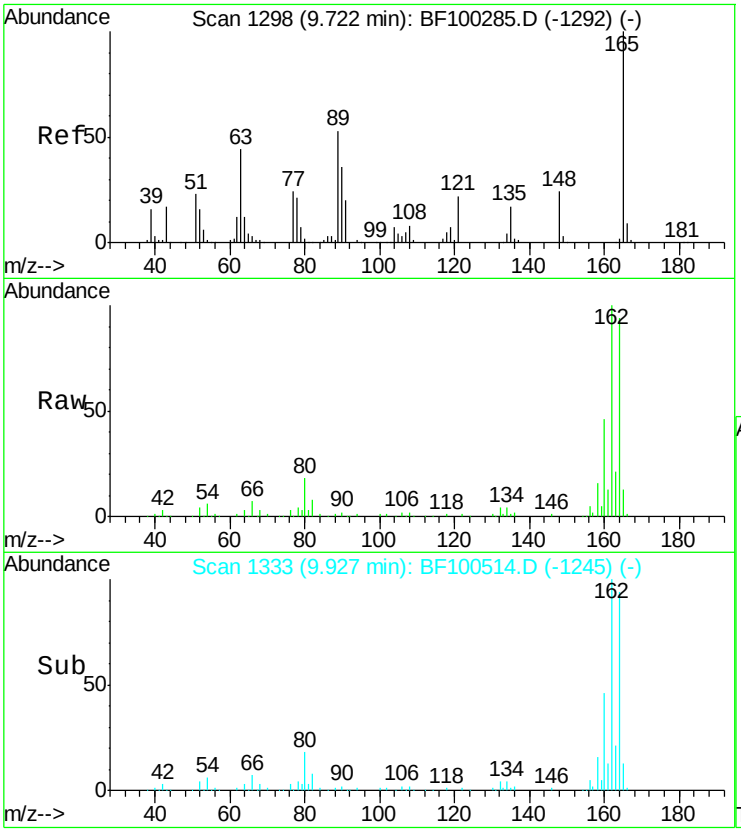


#49
Dimethylphthalate
Concen: 3.44 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:163 Resp: 32917

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.0	8.2	12.2



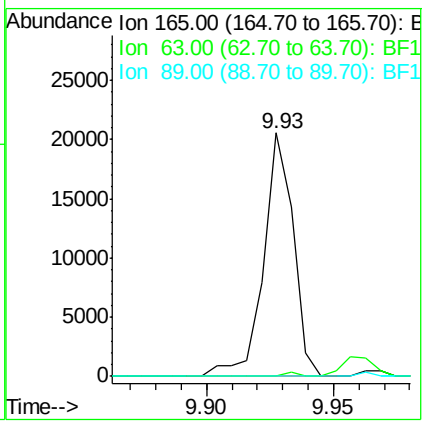


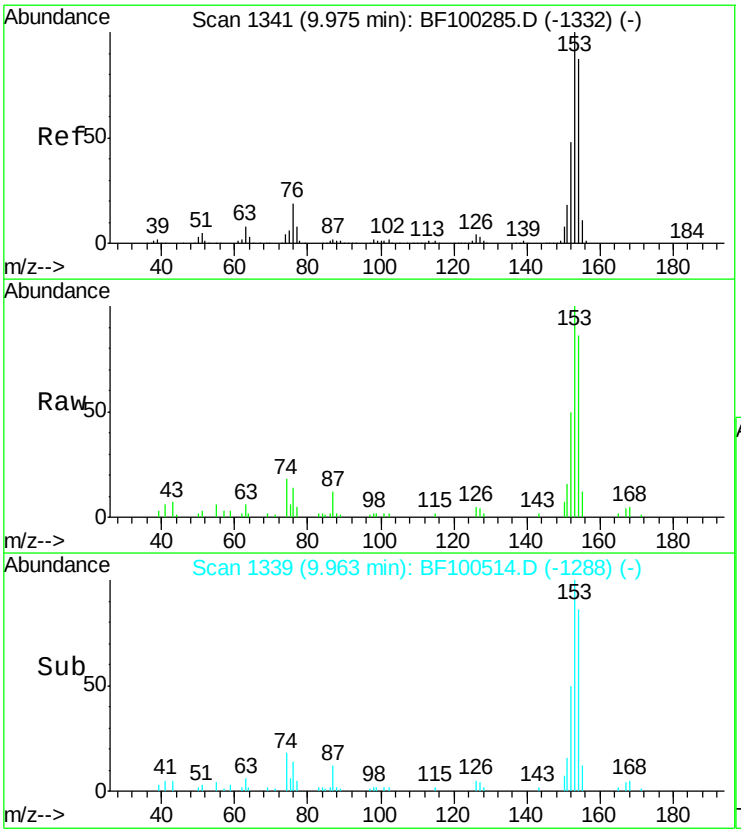
#50
2,6-Dinitrotoluene
Concen: 8.93 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:165 Resp: 16927

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

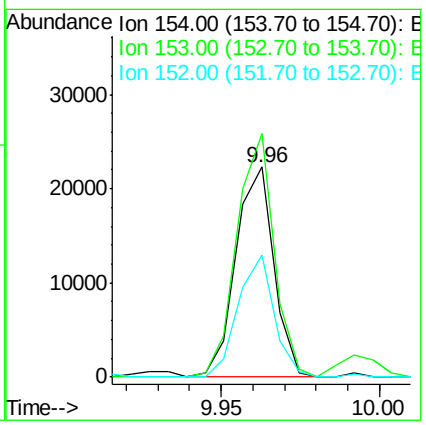


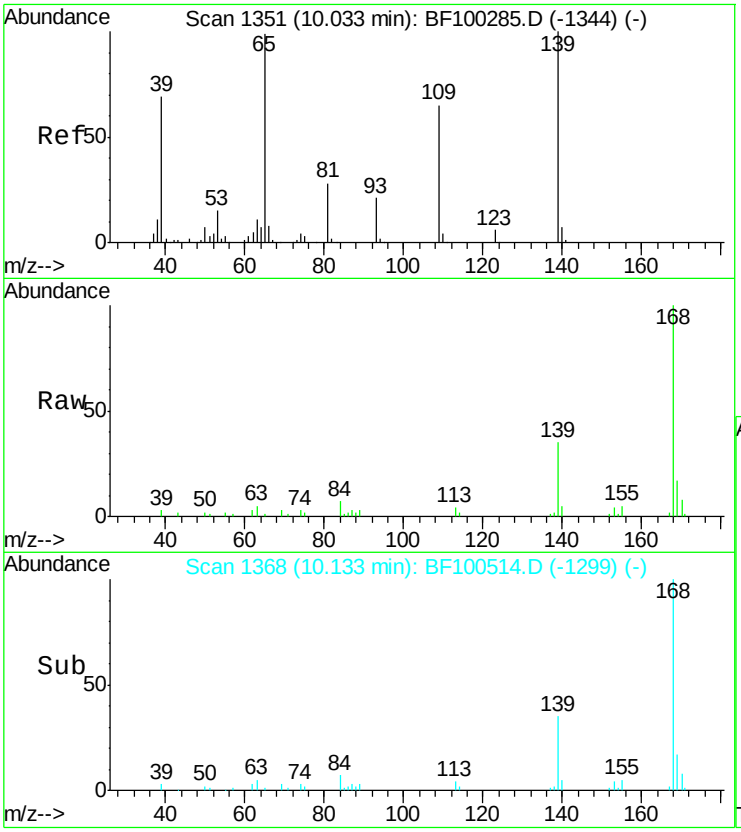


#51
Acenaphthene
Concen: 2.32 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:154 Resp: 18419

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.2	136.8
152	58.0	43.8	65.8



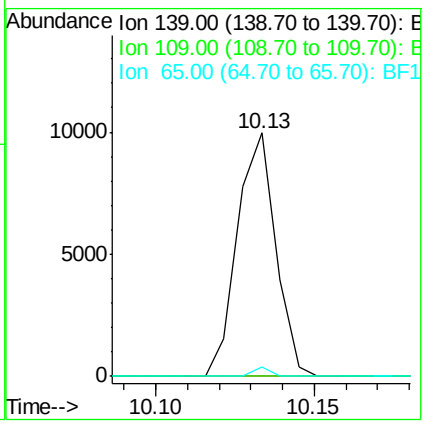


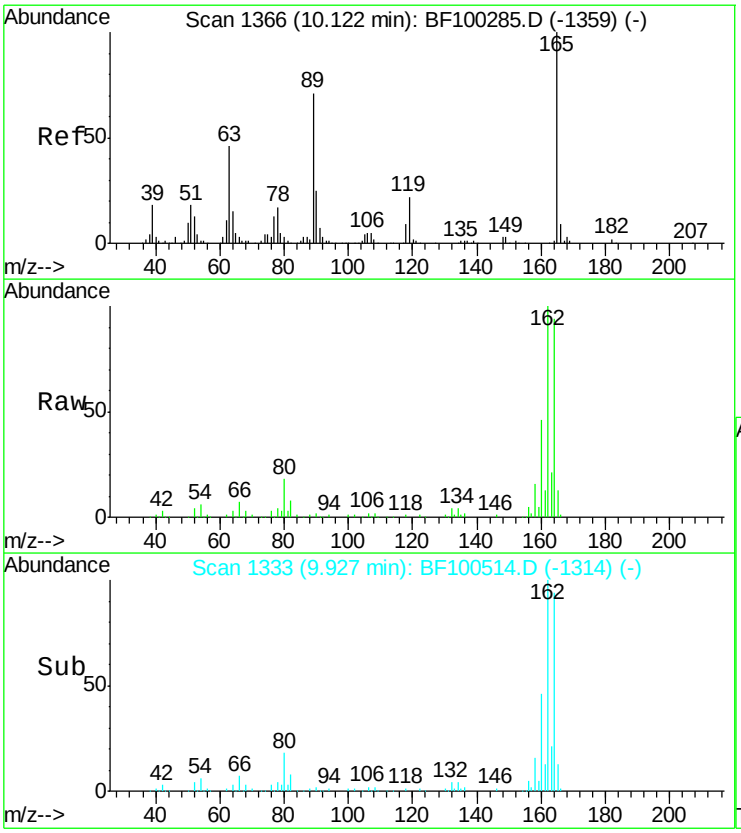
#55
4-Nitrophenol
Concen: 4.58 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.11 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:139 Resp: 8325

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	3.8	72.6	112.6#

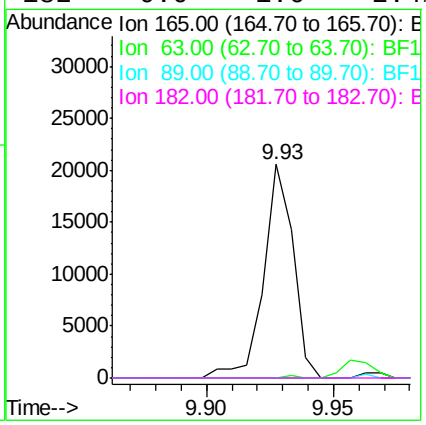


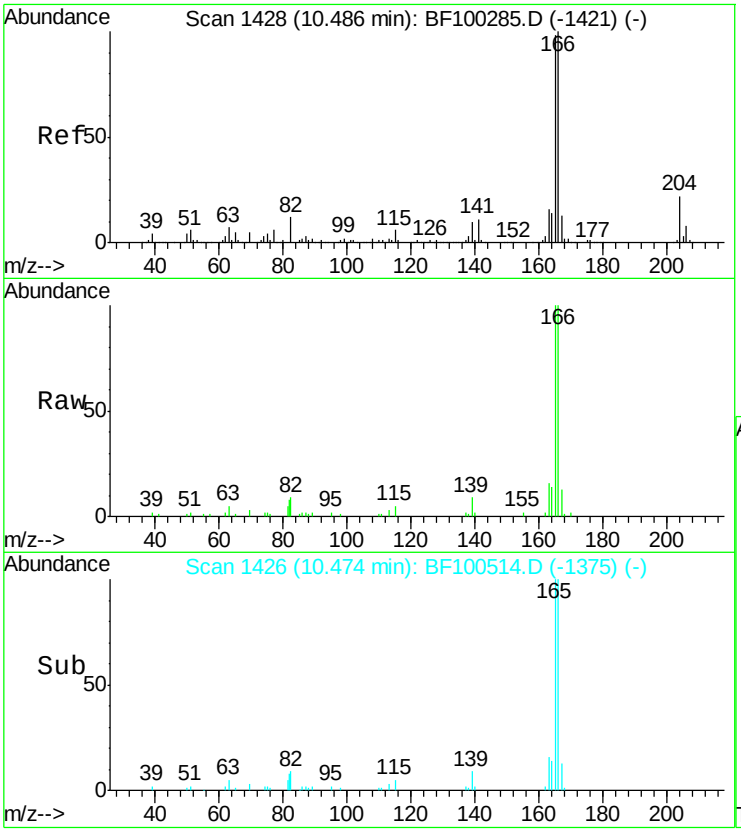


#56
2,4-Dinitrotoluene
Concen: 7.08 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:165 Resp: 16927

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



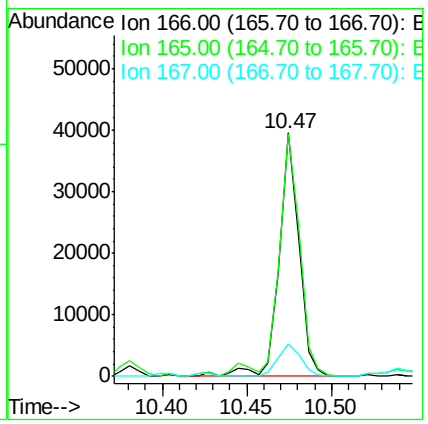


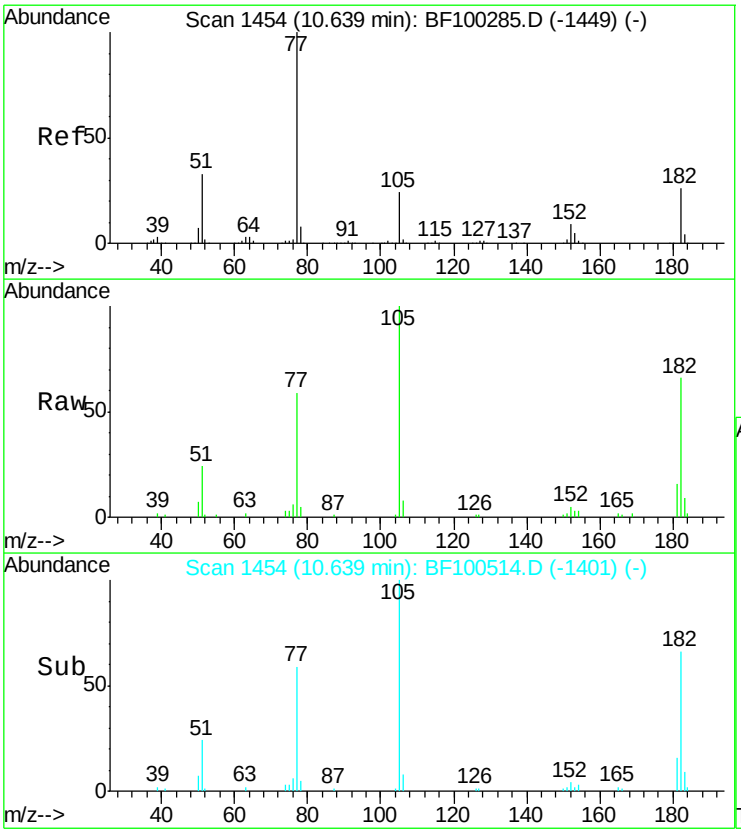
#57
Fluorene
Concen: 3.89 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:166 Resp: 31682

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.1	10.6	16.0

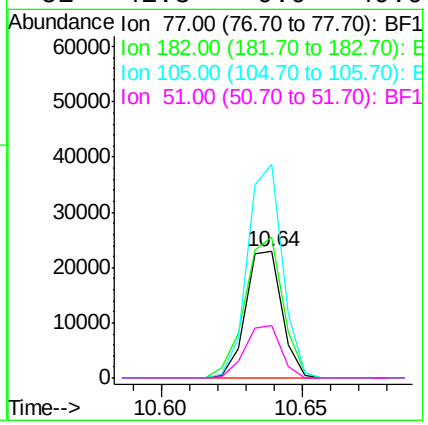


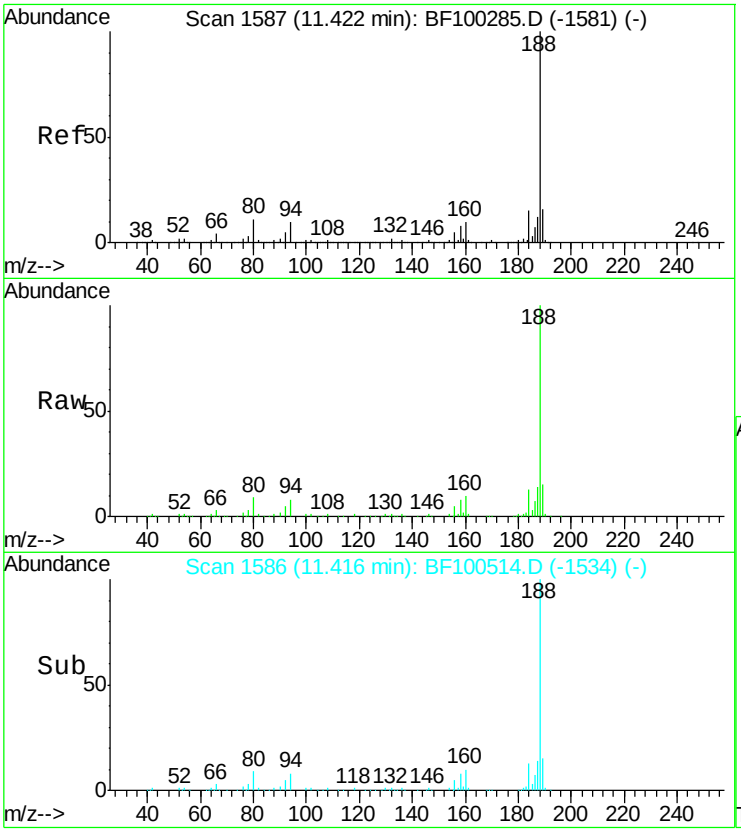


#62
Azobenzene
Concen: 2.26 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion: 77 Resp: 20430

Ion	Ratio	Lower	Upper
77	100		
182	111.9	1.7	41.7#
105	169.2	3.0	43.0#
51	41.3	9.9	49.9



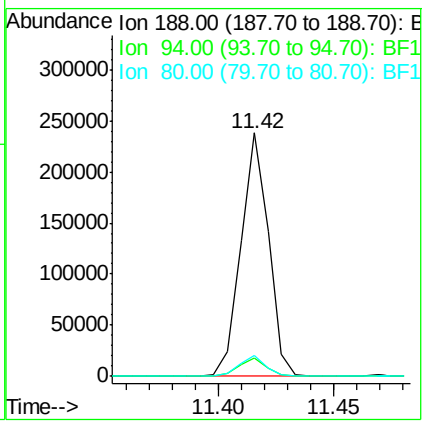


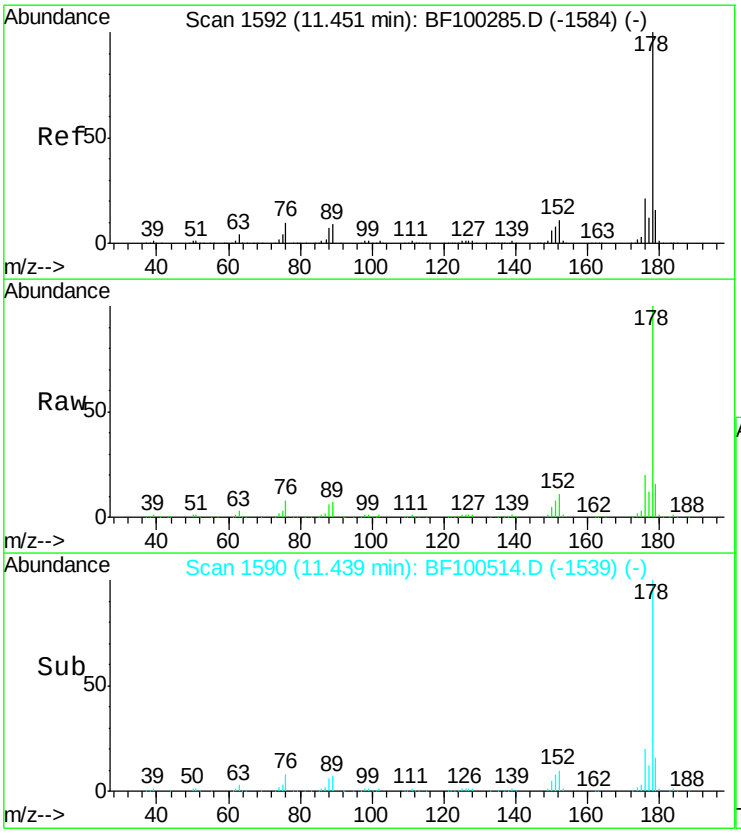
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:188 Resp: 198810

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#

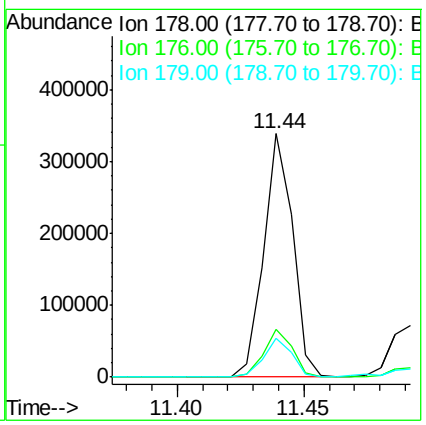


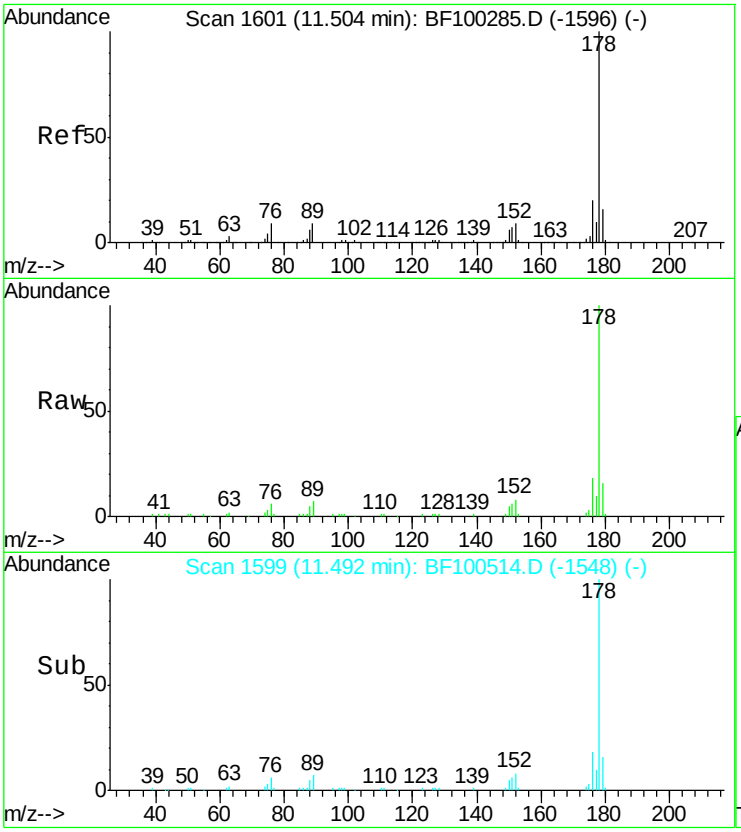


#70
Phenanthrene
Concen: 26.02 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:178 Resp: 272416

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



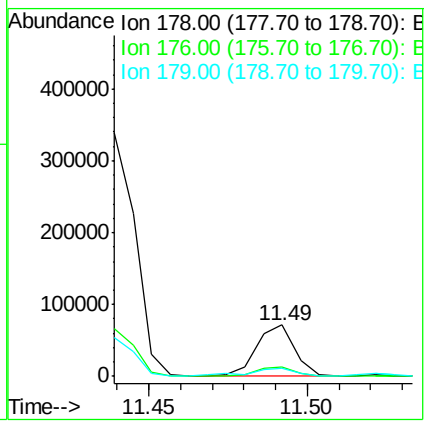


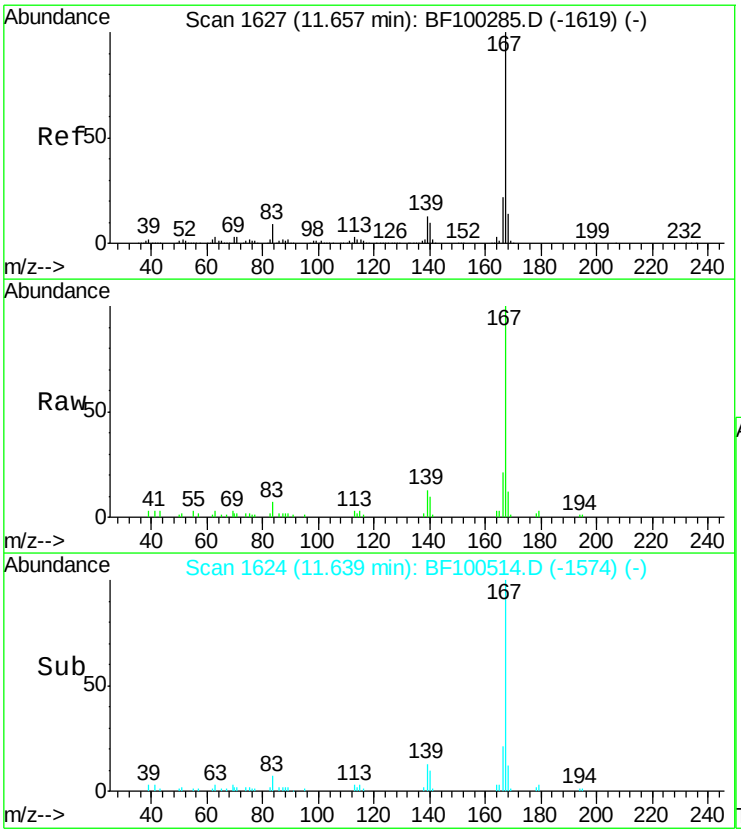
#71
Anthracene
Concen: 5.60 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:178 Resp: 59466

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.8	12.6	19.0

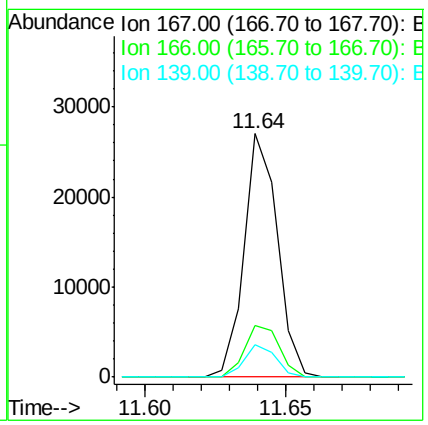


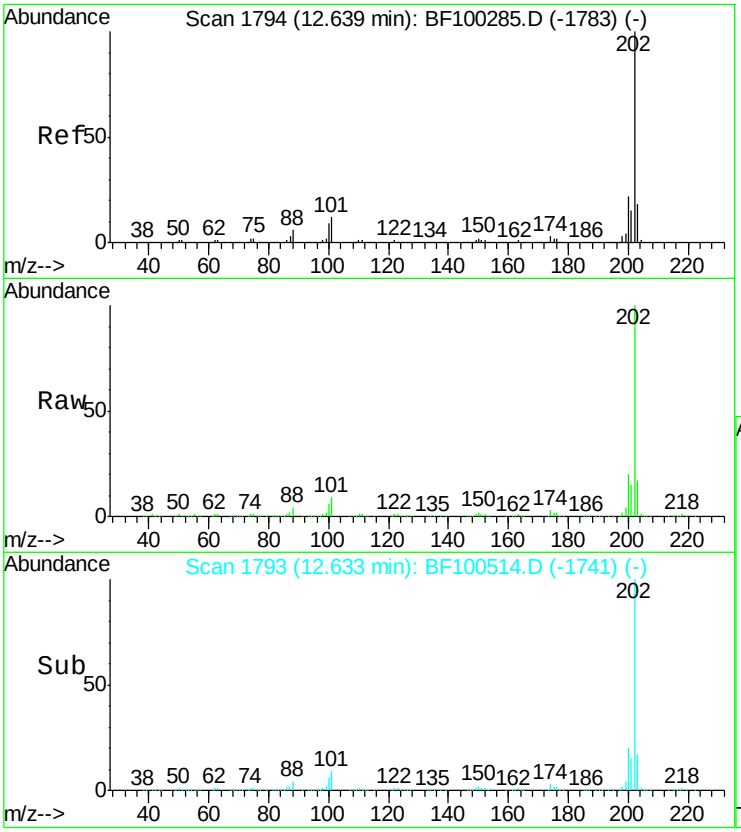


#72
Carbazole
Concen: 2.25 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:167 Resp: 22086

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	13.1	10.9	16.3



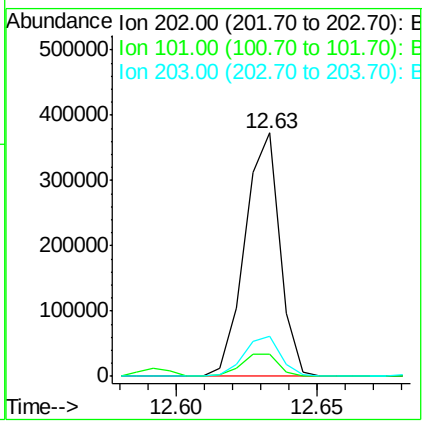


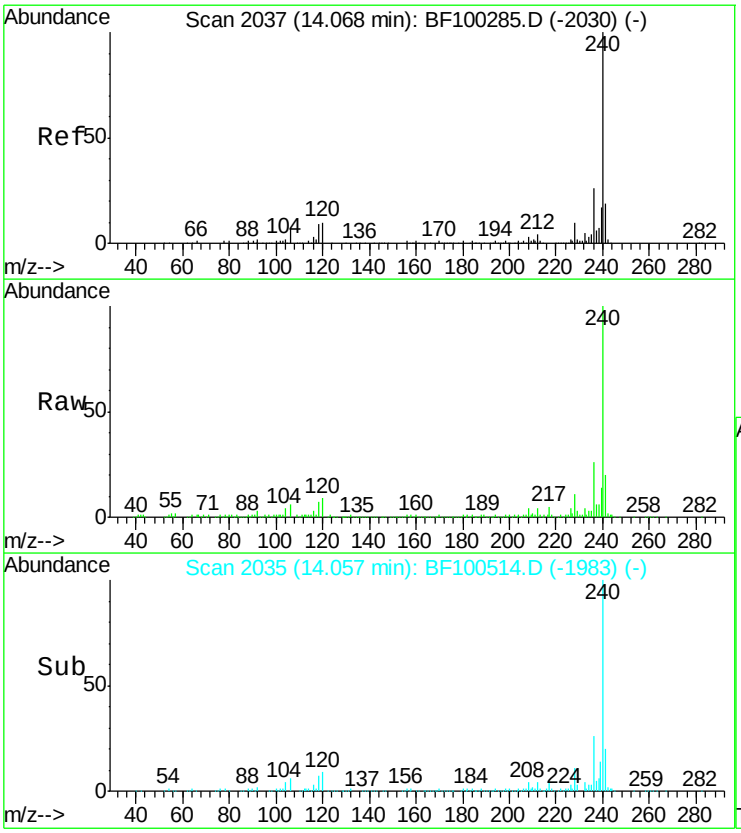
#74
Fluoranthene
Concen: 28.93 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:202 Resp: 320904

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	16.7	0.0	38.1

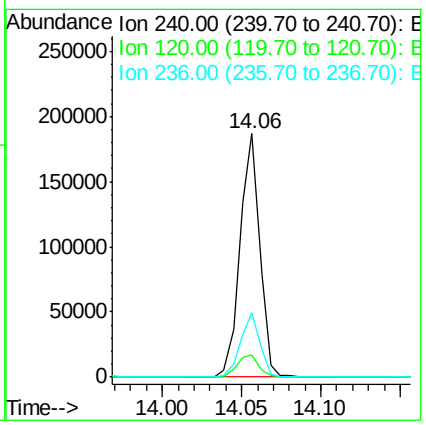


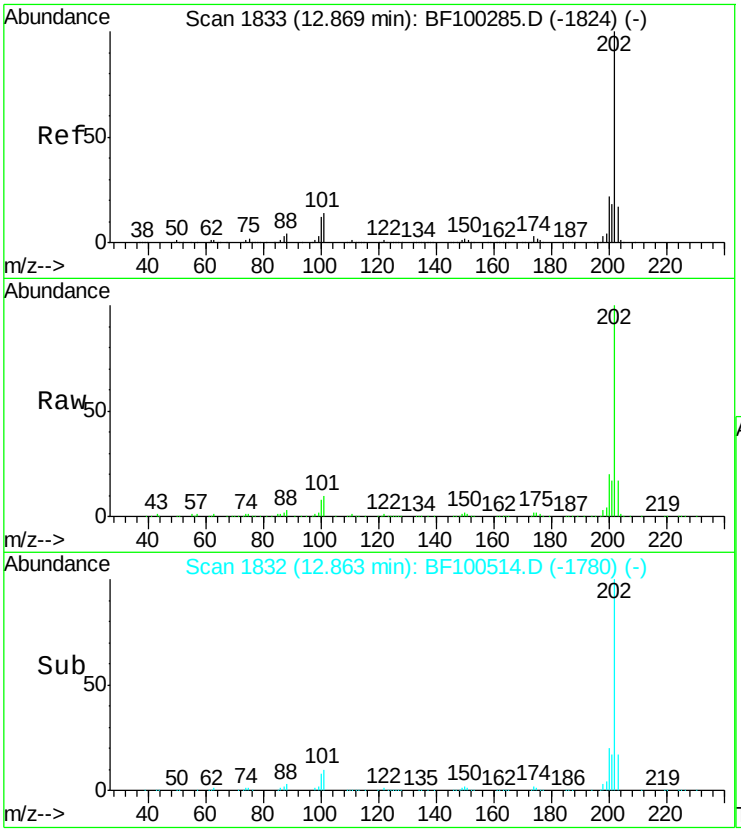


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:240 Resp: 161710

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.3	20.7	31.1



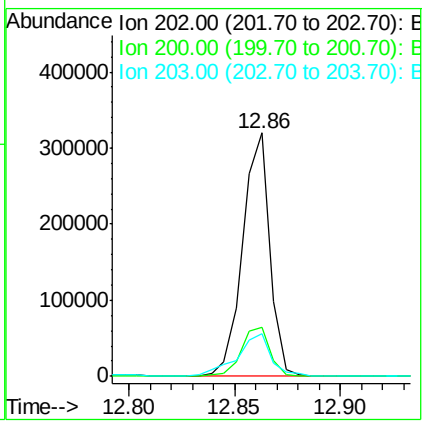


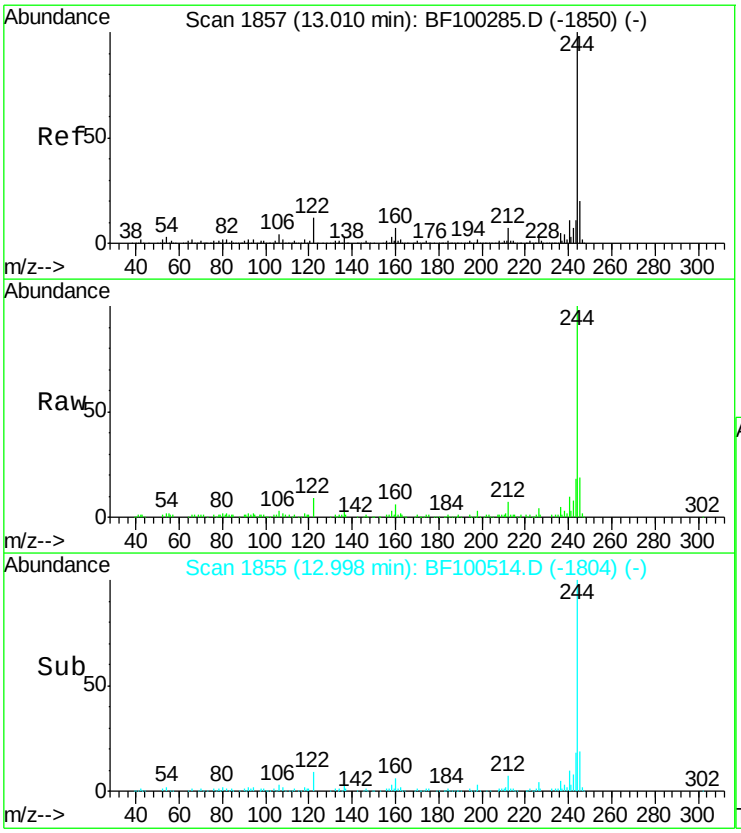
#77
Pyrene
Concen: 24.84 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:202 Resp: 286344

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.3	14.3	21.5

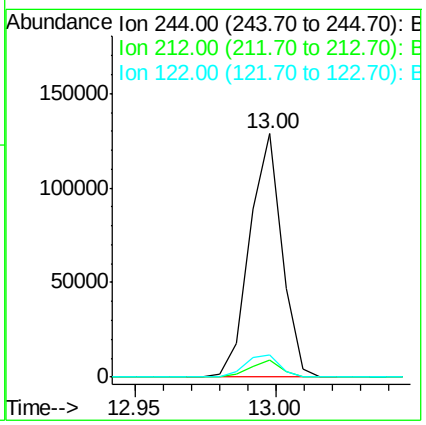


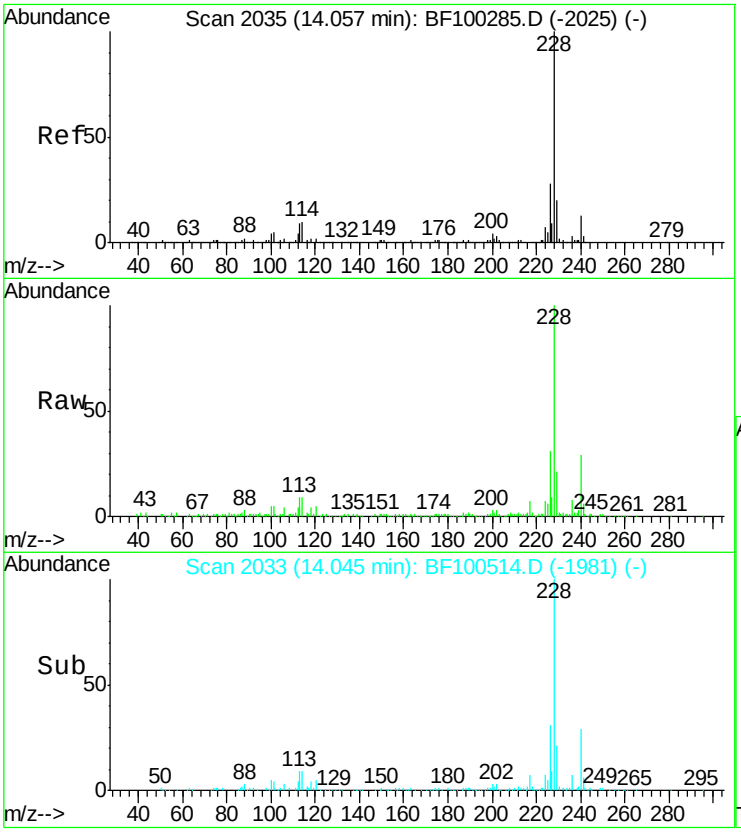


#78
Terphenyl-d14
Concen: 14.44 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:244 Resp: 101629

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.9	11.0	16.4#



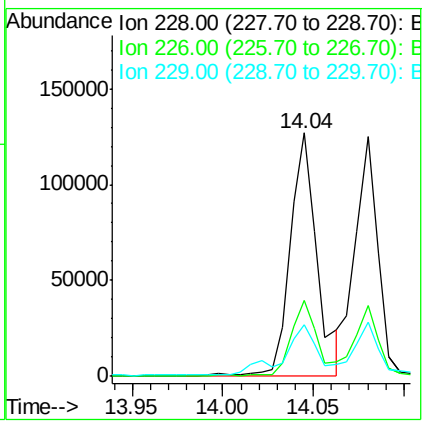


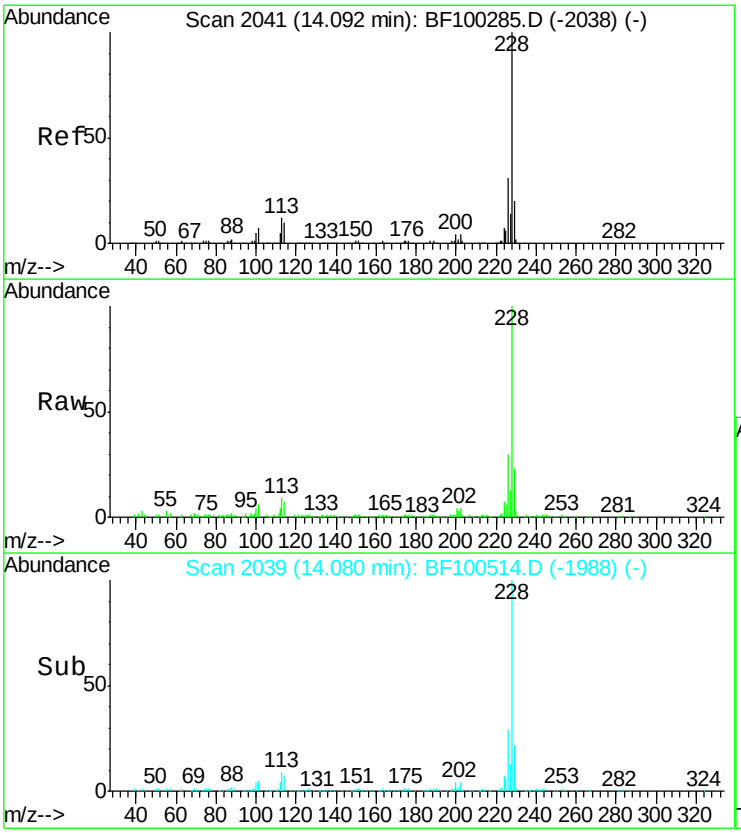
#80
Benzo(a)anthracene
Concen: 13.58 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:228 Resp: 132289

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	21.4	15.8	23.6

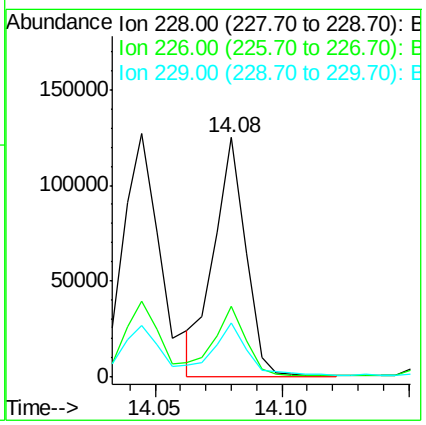


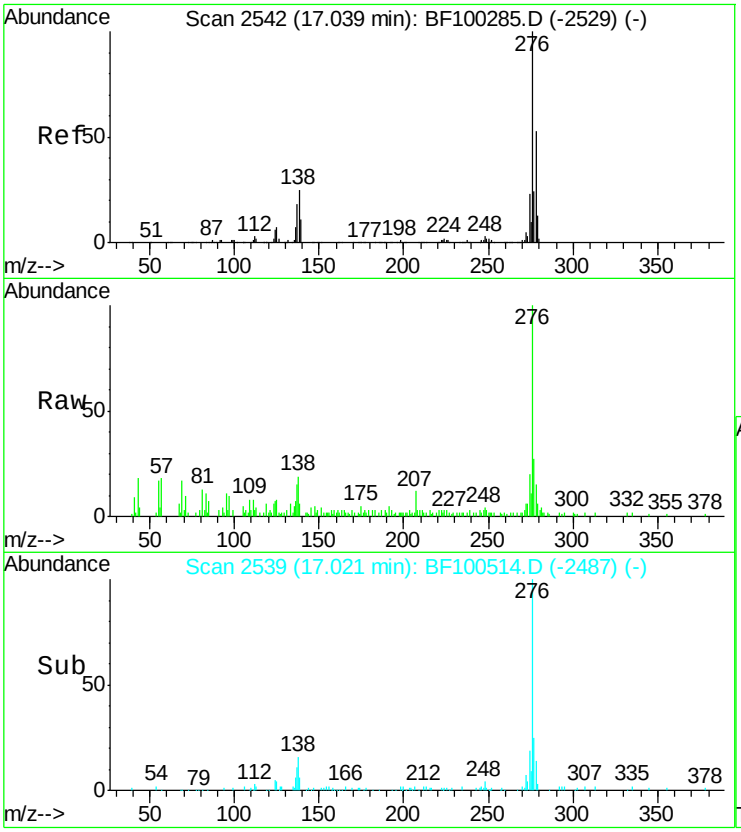


#82
Chrysene
Concen: 11.61 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:228 Resp: 109471

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.9	16.2	24.4



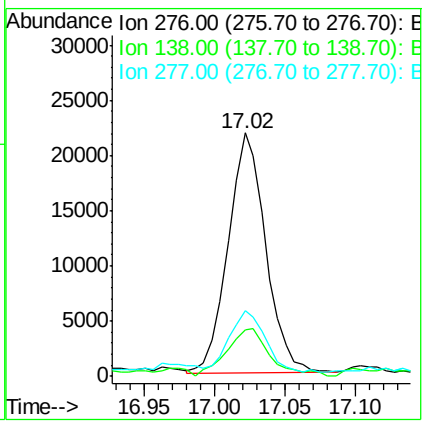


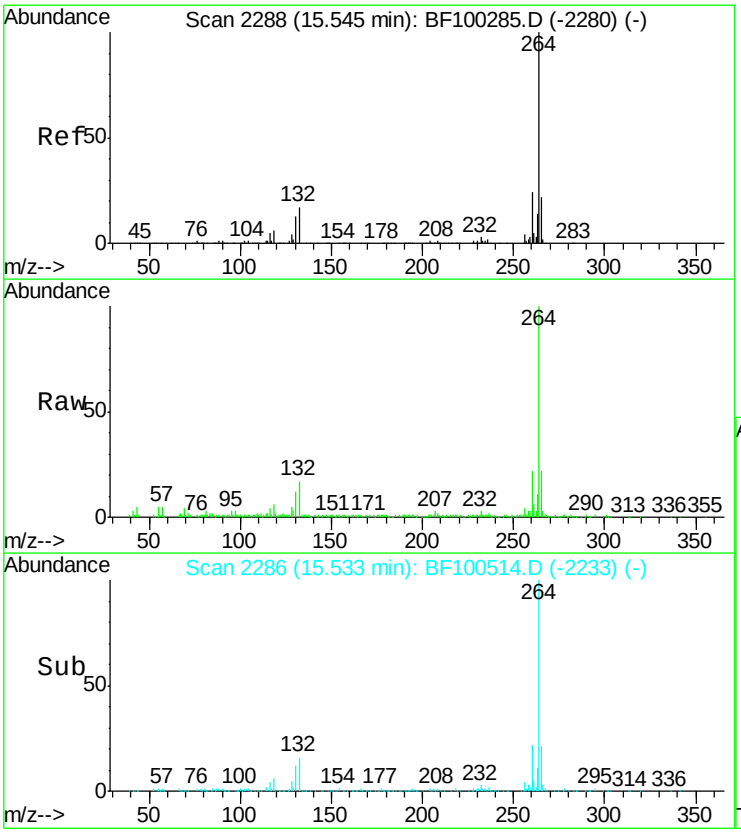
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.30 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:276 Resp: 40407

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	24.7	20.1	30.1

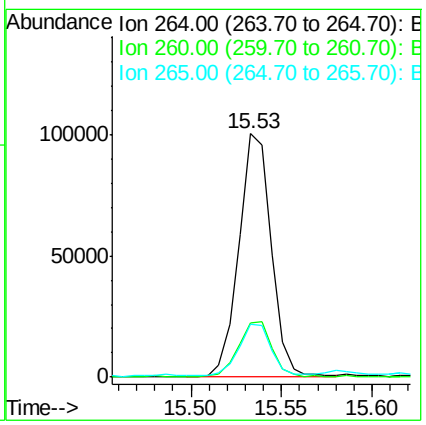


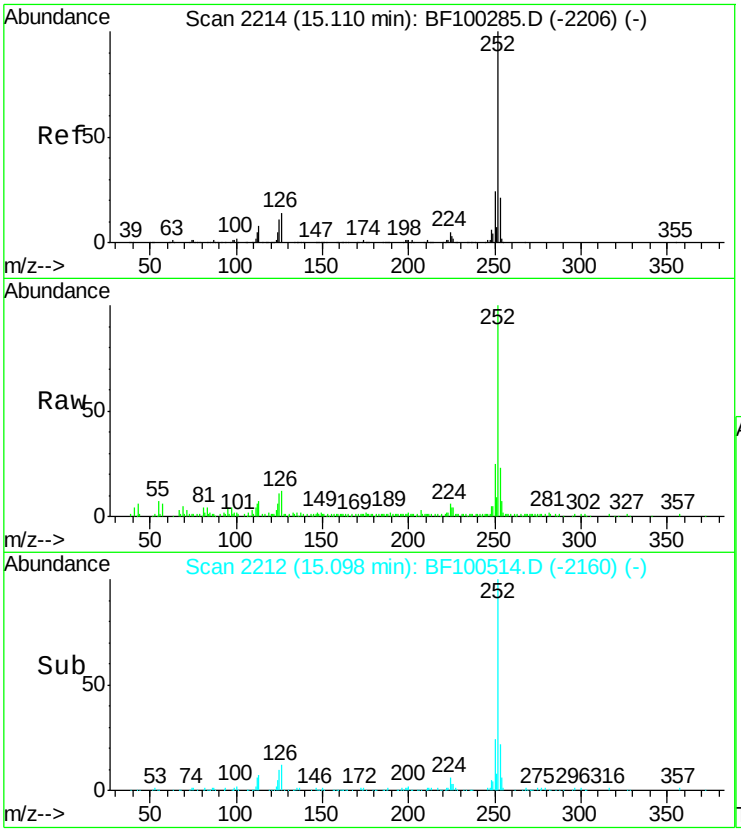


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:264 Resp: 125491

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.6	17.5	26.3



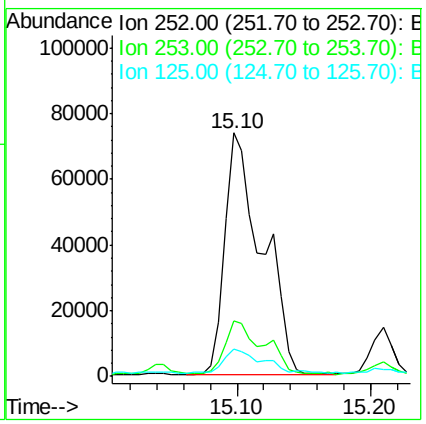


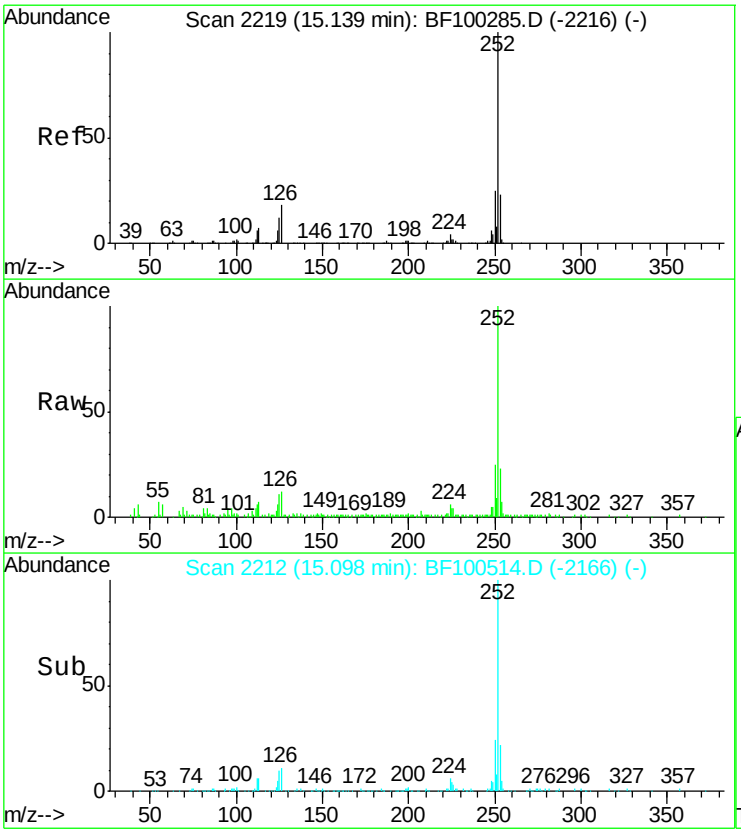
#87
Benzo(b)fluoranthene
Concen: 19.44 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:252 Resp: 144503

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.2	9.0	13.6

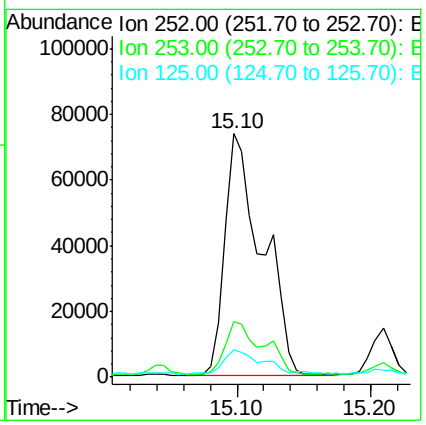


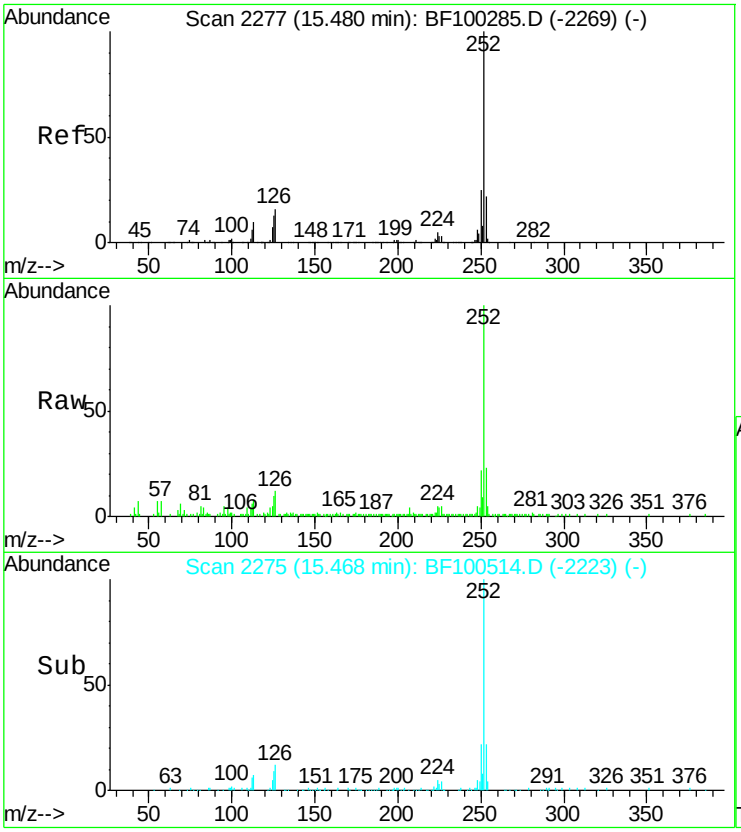


#88
Benzo(k)fluoranthene
Concen: 20.57 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:252 Resp: 144503

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.2	10.2	15.2



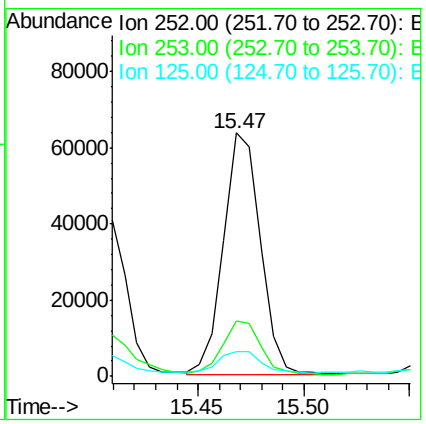


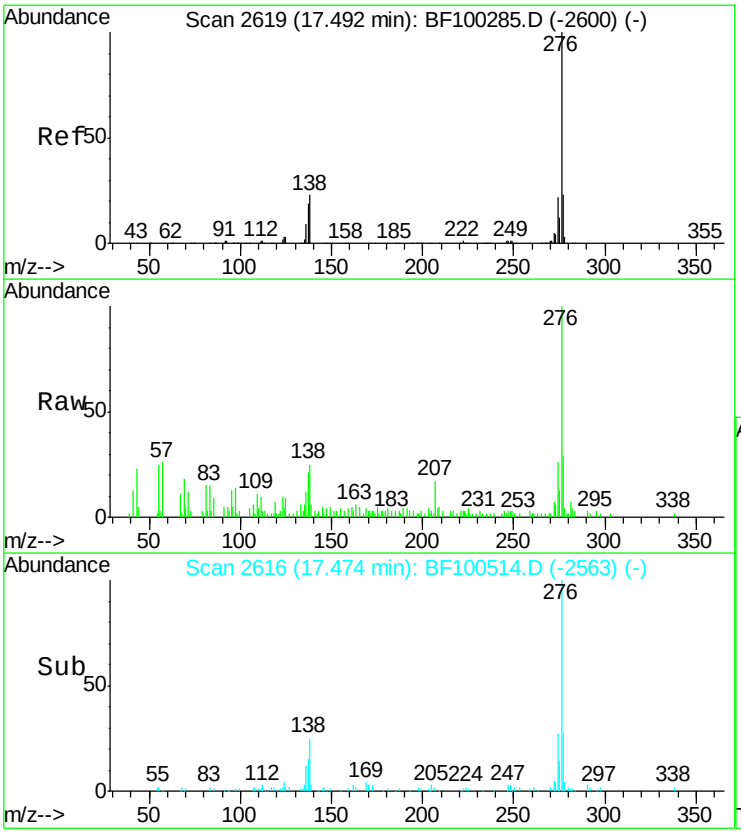
#89
Benzo(a)pyrene
Concen: 11.62 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Instrument :
BNA_F
ClientSampleId :
OR-03-111017

Tgt Ion:252 Resp: 76609

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.31 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.01 min
Lab File: BF100514.D
Acq: 13 Nov 2017 20:28

Tgt Ion:276 Resp: 38585

Ion	Ratio	Lower	Upper
276	100		
277	29.2	17.9	26.9#
138	24.6	21.8	32.8