Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100534.D
Acq On : 14 Nov 2017 9:26
Operator : SJ/JU
Sample : I6409-01DL 2X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 14 10:29:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137286	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	507250	20.00	ng		-0.02
38) Acenaphthene-d10	9.93	164	192359	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	285773	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	270262	20.00	ng		-0.02
86) Perylene-d12	15.53	264	210431	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	405803	47.38	ng		0.00
7) Phenol-d6	6.51	99	502226	47.55	ng		-0.01
23) Nitrobenzene-d5	7.45	82	294364	38.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.71	330	82707	42.19	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	399738	31.64	ng		-0.02
78) Terphenyl-d14	12.99	244	231487	19.68	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.52	94	24493	2.209	ng		97
25) Isophorone	7.45	82	294360	18.257	ng	#	64
31) Naphthalene	8.19	128	50581	2.070	ng		99
32) Benzoic acid	7.95	122	477	9.440	ng	#	29
47) 2-Nitroaniline	9.59	65	263	2.853	ng	#	2
48) Acenaphthylene	9.79	152	65171	3.258	ng		99
49) Dimethylphthalate	9.63	163	37254	2.537	ng	#	98
50) 2,6-Dinitrotoluene	9.93	165	25796	8.873	ng	#	26
53) 2,4-Dinitrophenol	9.99	184	276	8.115	ng	#	1
56) 2,4-Dinitrotoluene	9.93	165	25796	7.034	ng	#	23
57) Fluorene	10.47	166	26255	2.102	ng	#	94
64) 4,6-Dinitro-2-methylphenol	10.74	198	423	8.811	ng		86
70) Phenanthrene	11.44	178	378503	25.156	ng		99
71) Anthracene	11.49	178	137107	8.982	ng		100
74) Fluoranthene	12.63	202	917316	57.525	ng		98
77) Pyrene	12.86	202	847045	43.967	ng		100
80) Benzo(a)anthracene	14.04	228	565004	34.716	ng		96
82) Chrysene	14.08	228	488961	31.025	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	156383	12.268	ng	#	91
87) Benzo(b)fluoranthene	15.10	252	663917	53.254	ng		99
88) Benzo(k)fluoranthene	15.10	252	663917	56.362	ng		98
89) Benzo(a)pyrene	15.47	252	324679	29.376	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	42468	4.698	ng		93
91) Benzo(g,h,i)perylene	17.47	276	138635	15.669	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100534.D
Acq On : 14 Nov 2017 9:26
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Misc :
ALS Vial : 37 Sample Multiplier: 1

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Quant Time: Nov 14 10:29:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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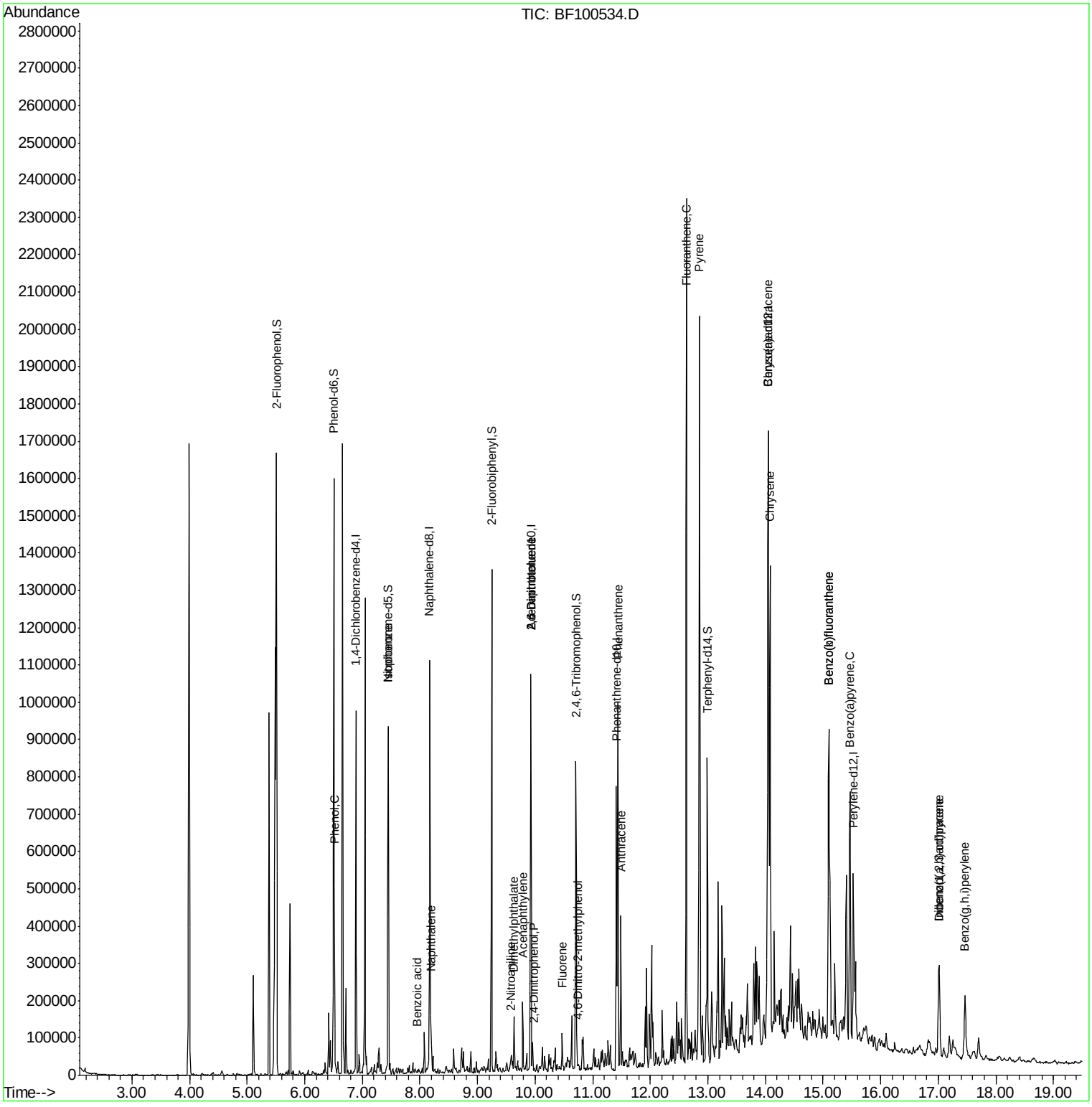
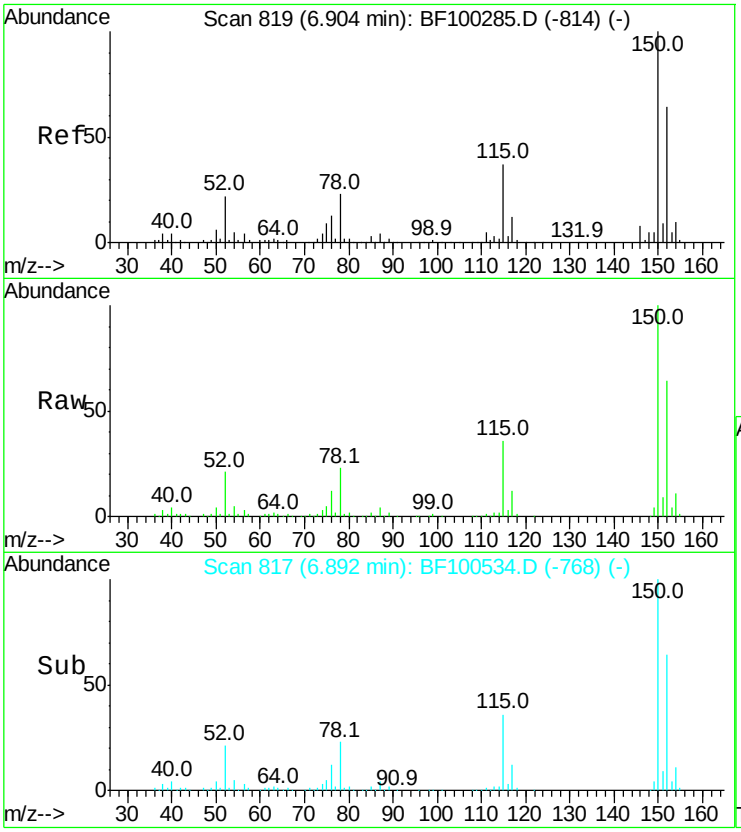


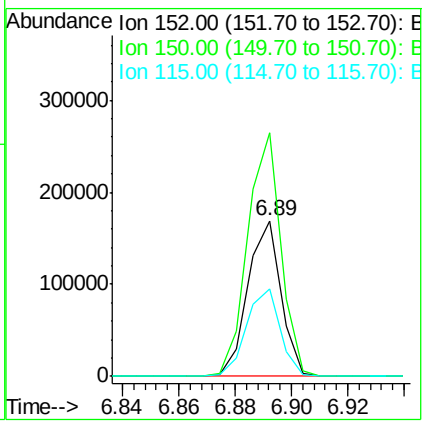


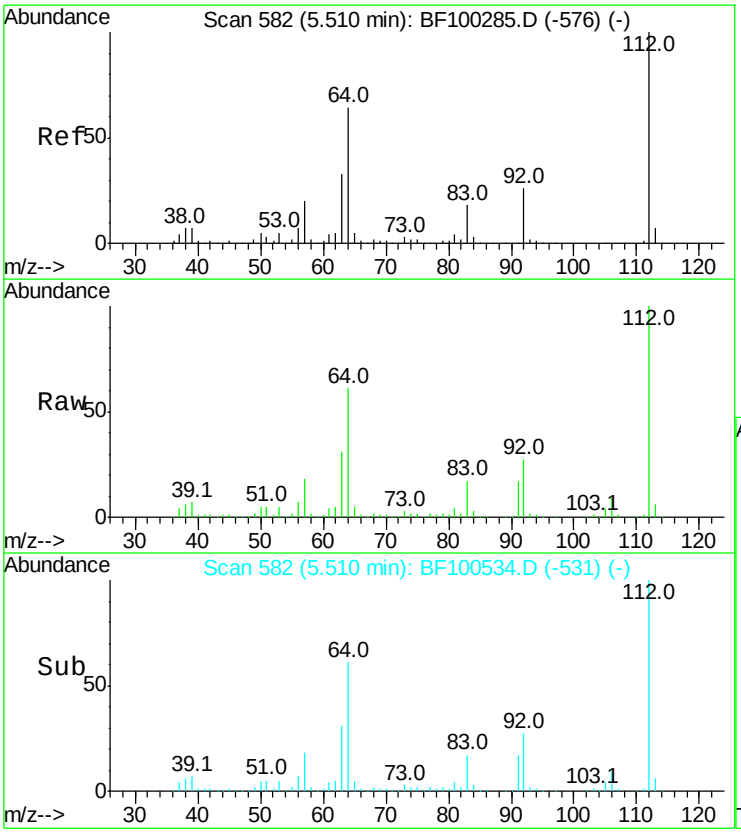
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137286

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	56.6	50.1	75.1

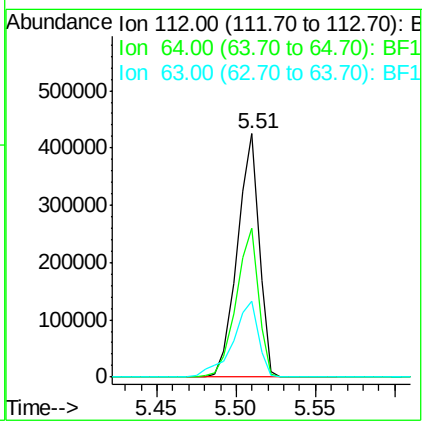


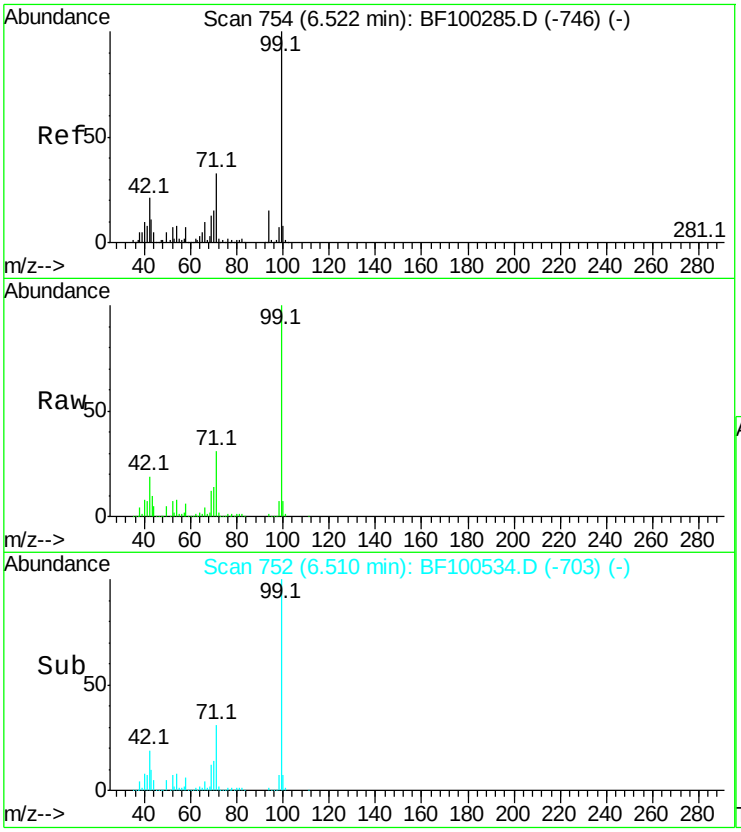


#5
2-Fluorophenol
Concen: 47.383 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:112 Resp: 405803

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.2	23.7	35.5



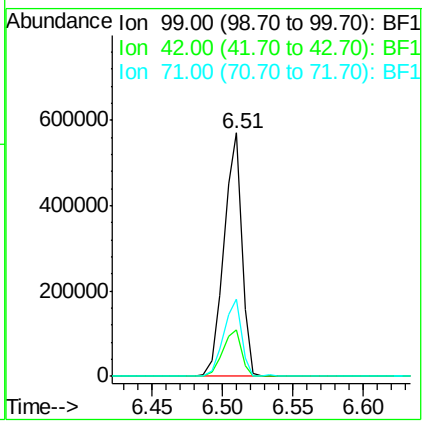


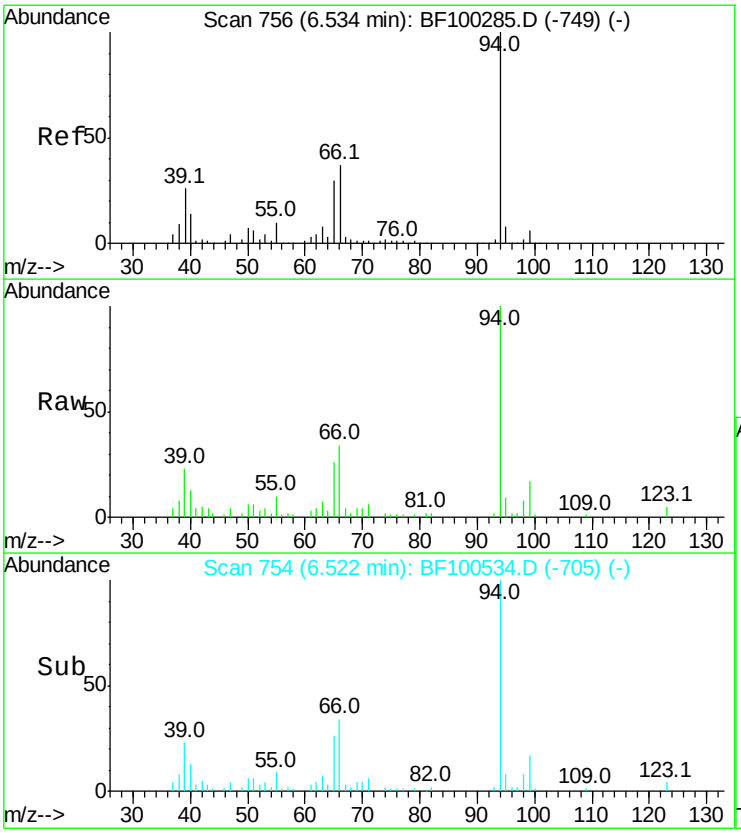
#7
Phenol-d6
Concen: 47.555 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 502226

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	31.5	25.4	38.0

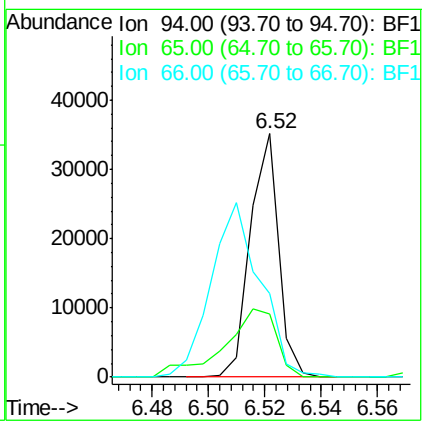


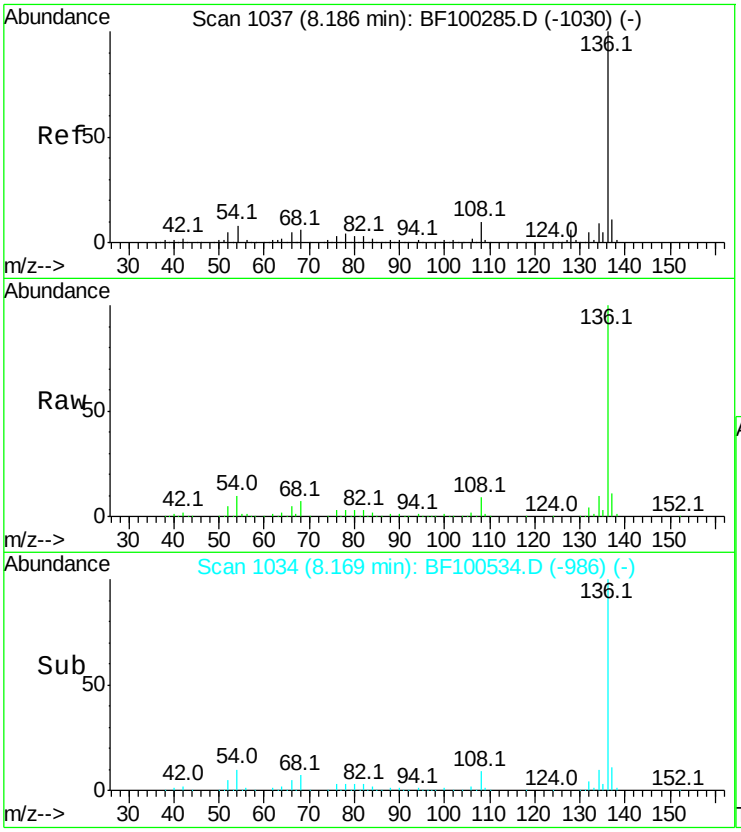


#10
Phenol
Concen: 2.209 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion: 94 Resp: 24493

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.4	16.2	56.2



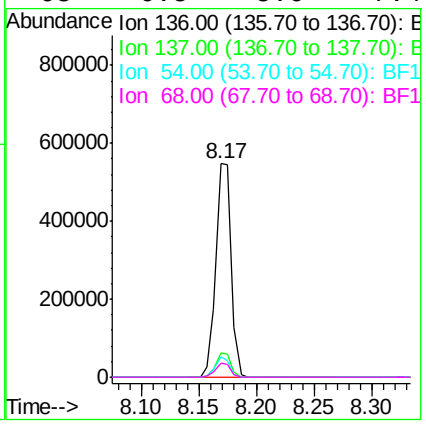


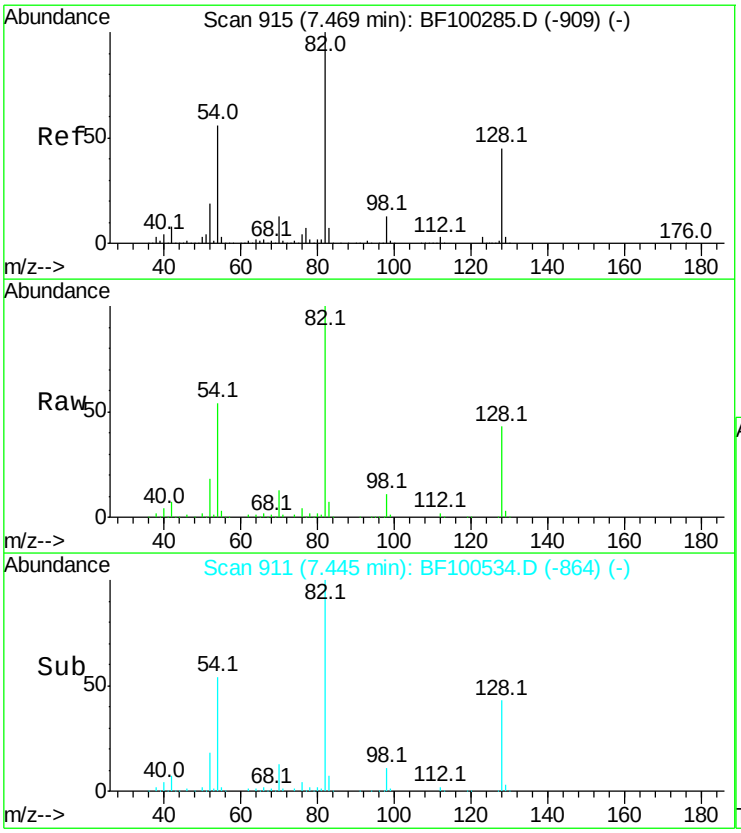
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 507250

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	6.5	5.0	7.4

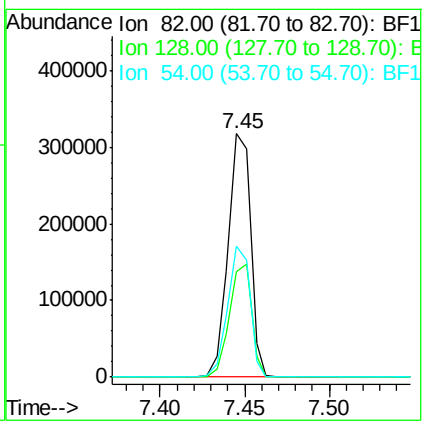


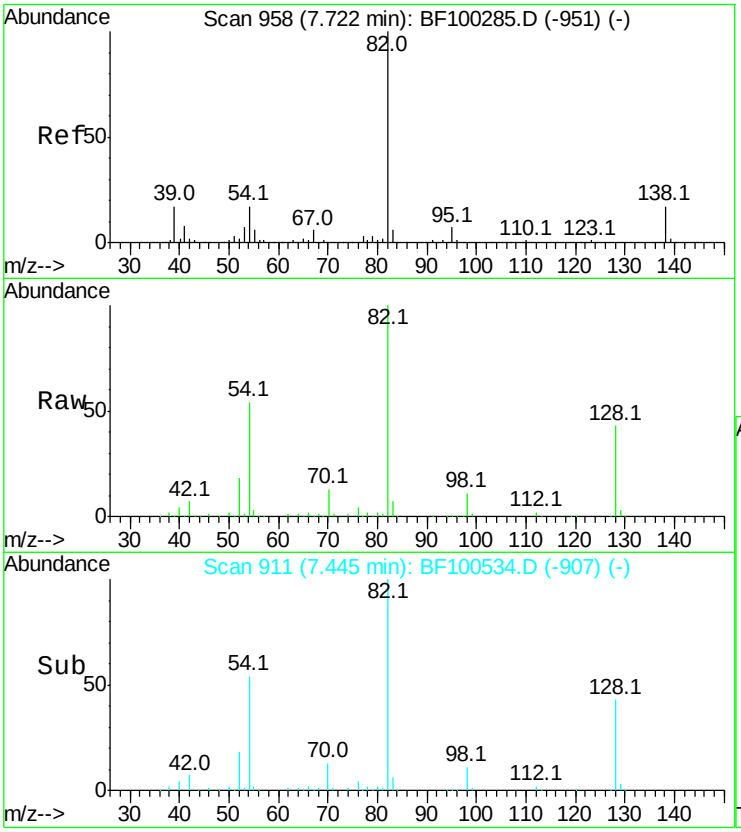


#23
Nitrobenzene-d5
Concen: 38.366 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion: 82 Resp: 294364

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	53.8	41.4	62.2



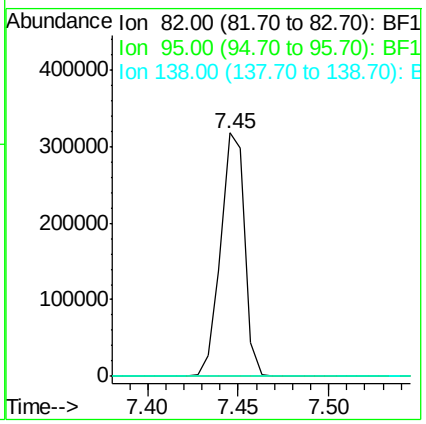


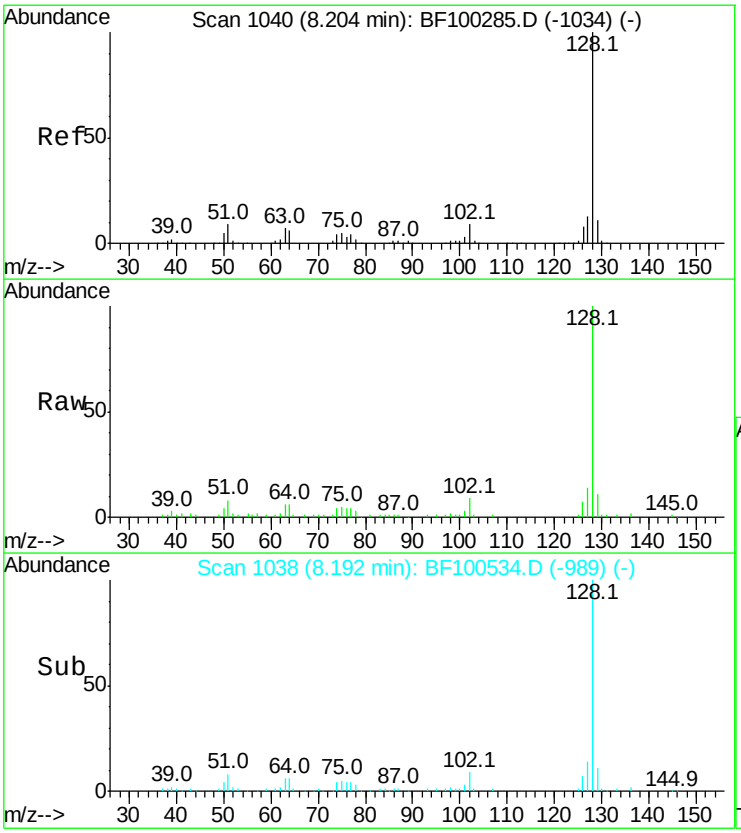
#25
Isophorone
Concen: 18.257 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.28 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 294360

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

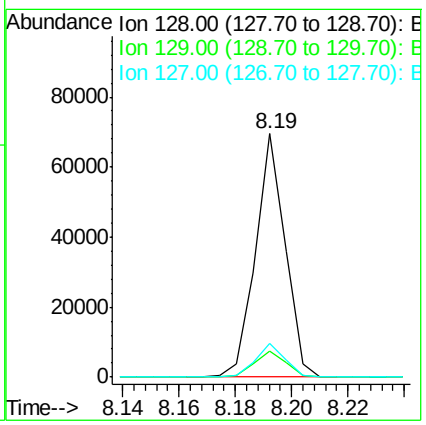


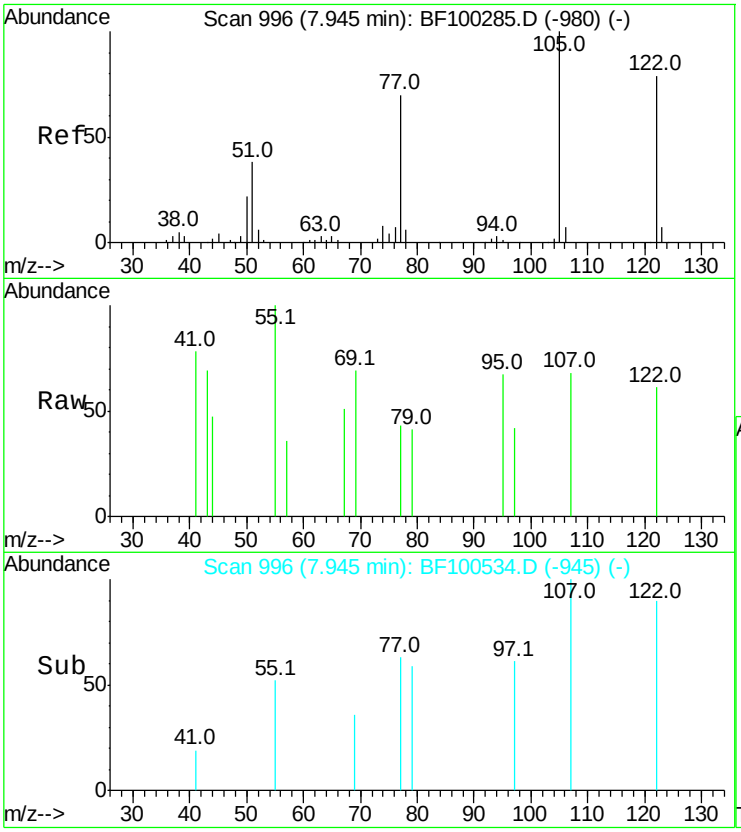


#31
Naphthalene
Concen: 2.070 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:128 Resp: 50581

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.9	10.9	16.3



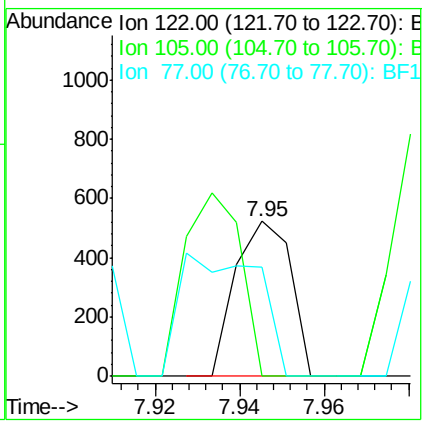


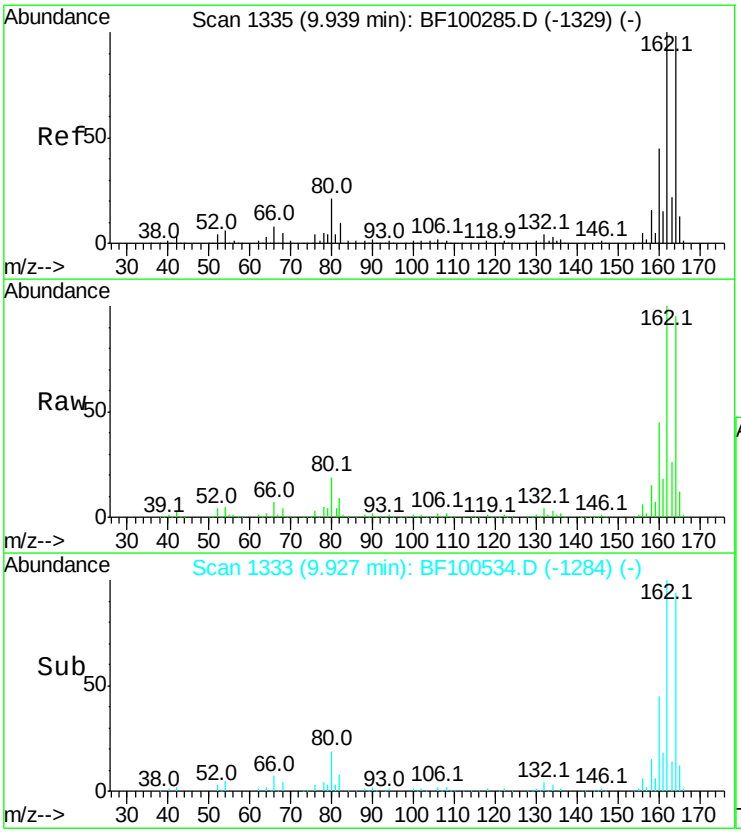
#32
Benzoic acid
Concen: 9.440 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 477

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	70.4	70.7	110.7#

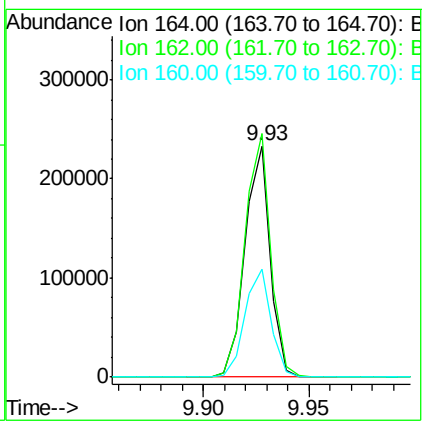


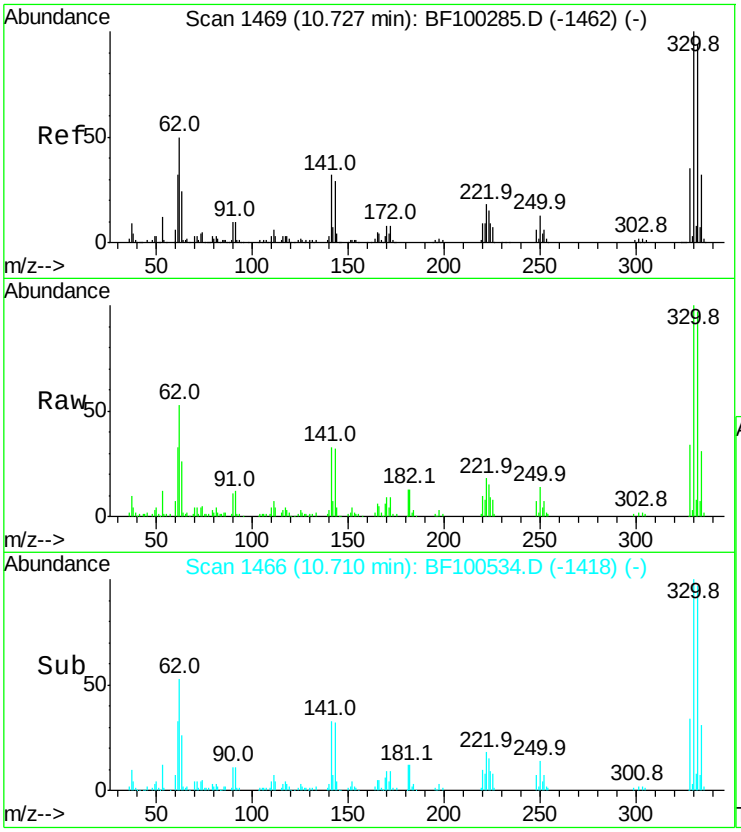


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:164 Resp: 192359

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.9	38.3	57.5



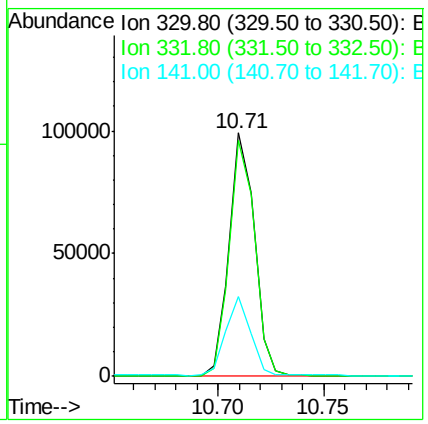


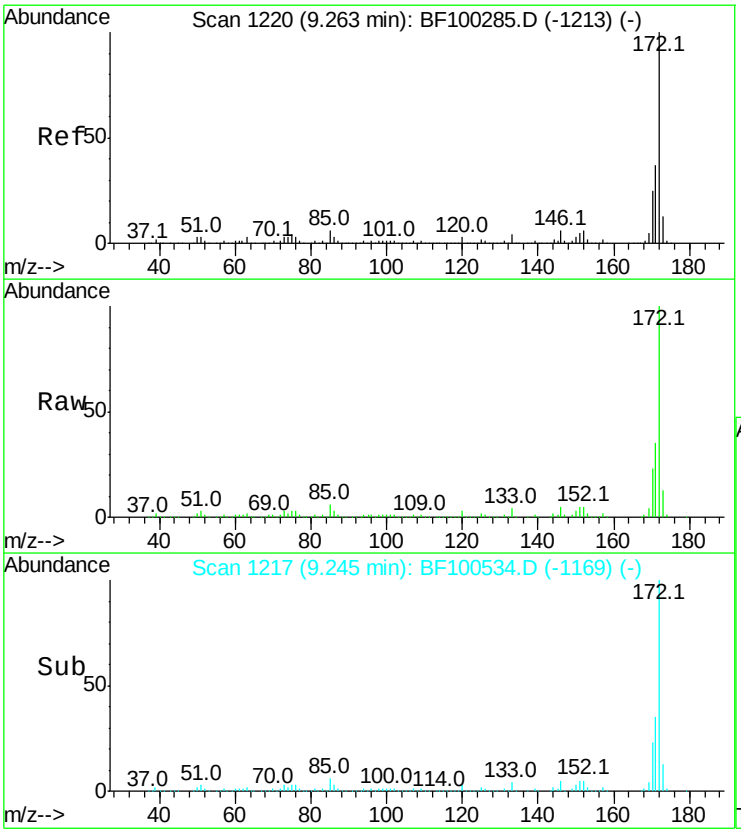
#41
2,4,6-Tribromophenol
Concen: 42.194 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 82707

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.1	29.9	44.9

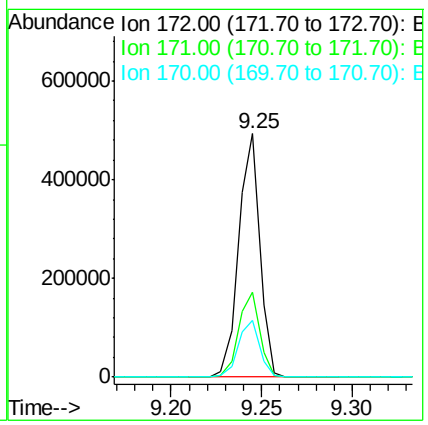


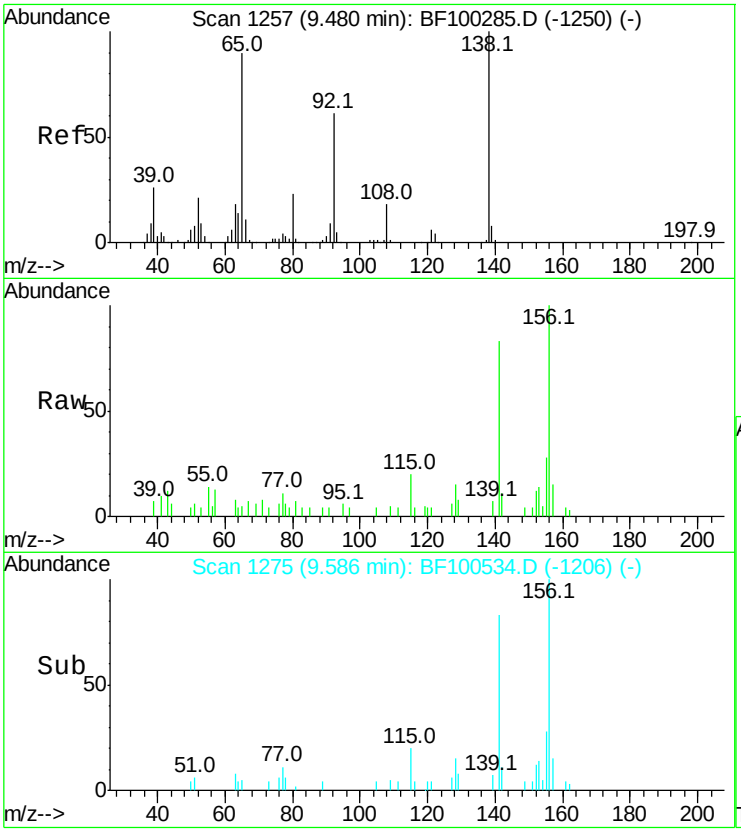


#44
2-Fluorobiphenyl
Concen: 31.643 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:172 Resp: 399738

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.3	19.6	29.4



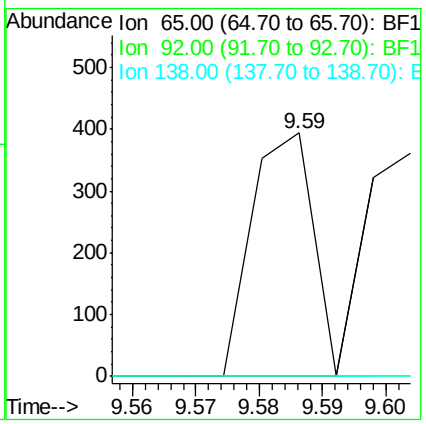


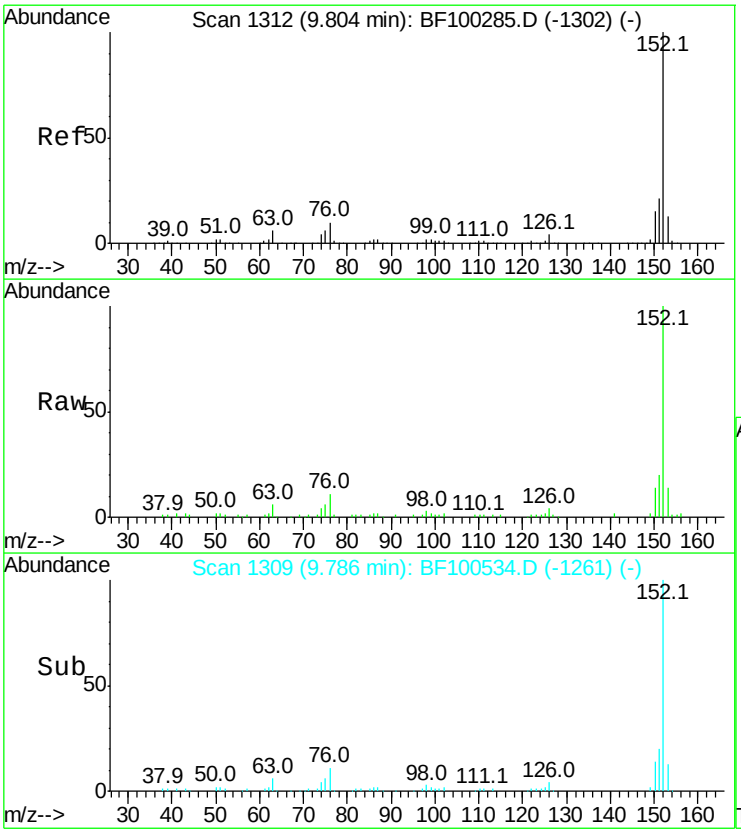
#47
2-Nitroaniline
Concen: 2.853 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.11 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 263

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

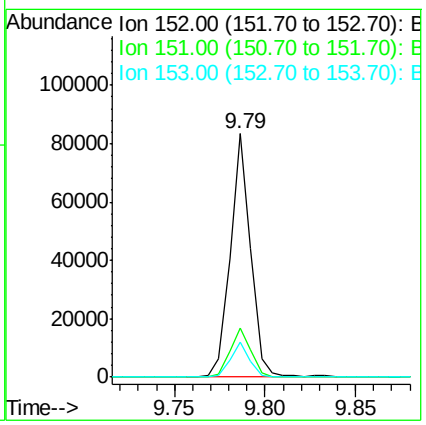


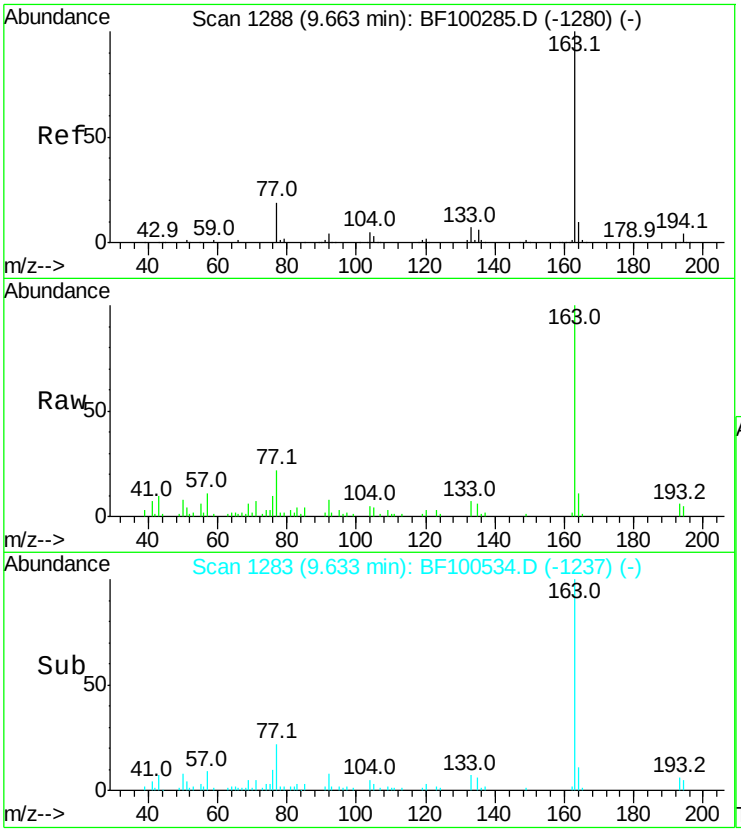


#48
Acenaphthylene
Concen: 3.258 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:152 Resp: 65171

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	14.1	10.7	16.1



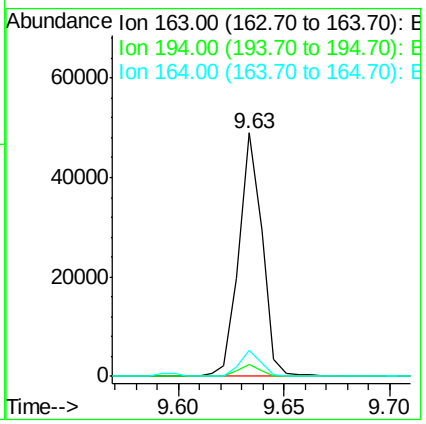


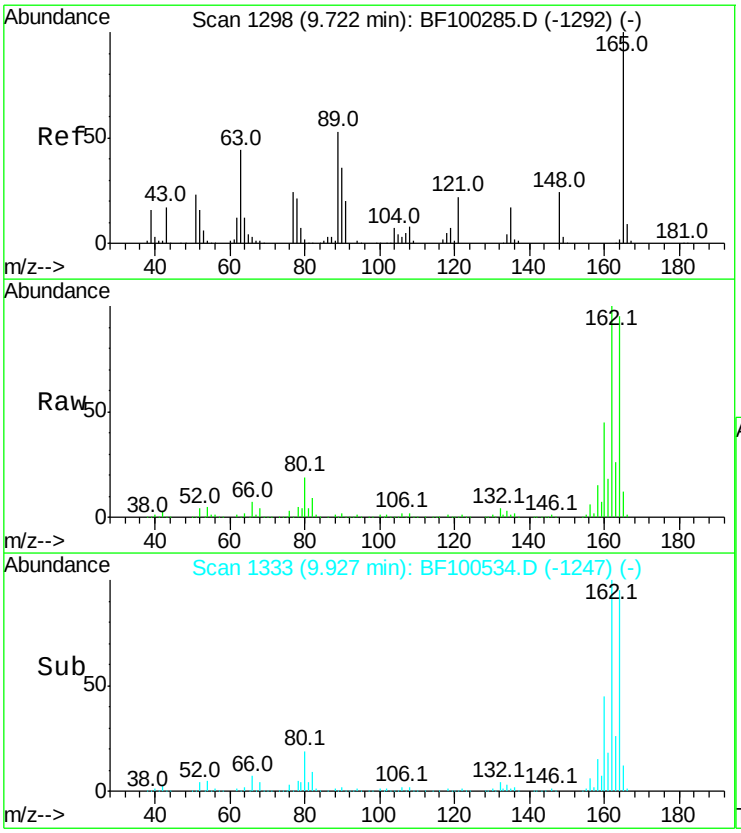
#49
Dimethylphthalate
Concen: 2.537 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 37254

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.7	4.1#
164	10.7	8.2	12.2

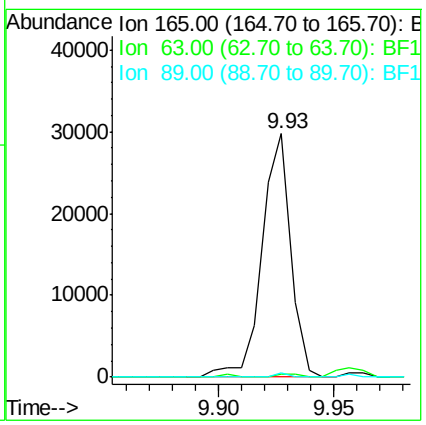


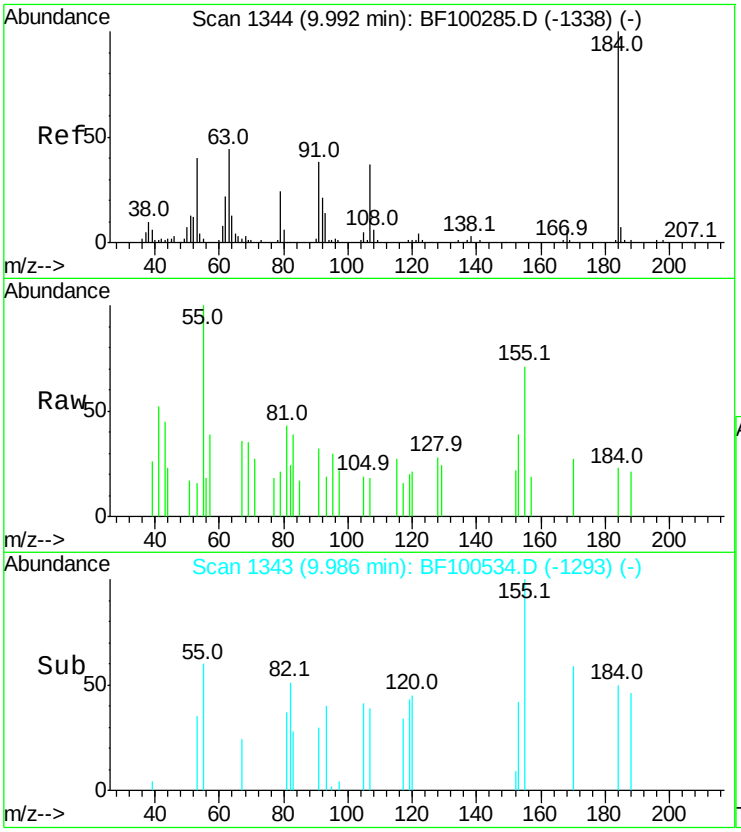


#50
2,6-Dinitrotoluene
Concen: 8.873 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:165 Resp: 25796

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#



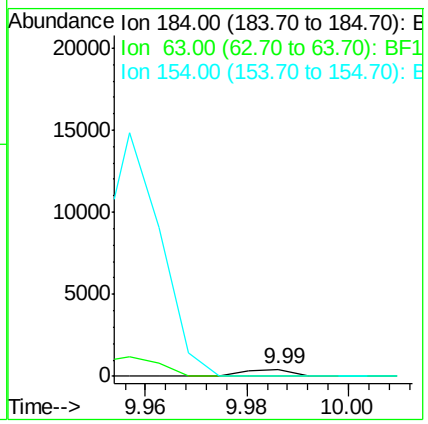


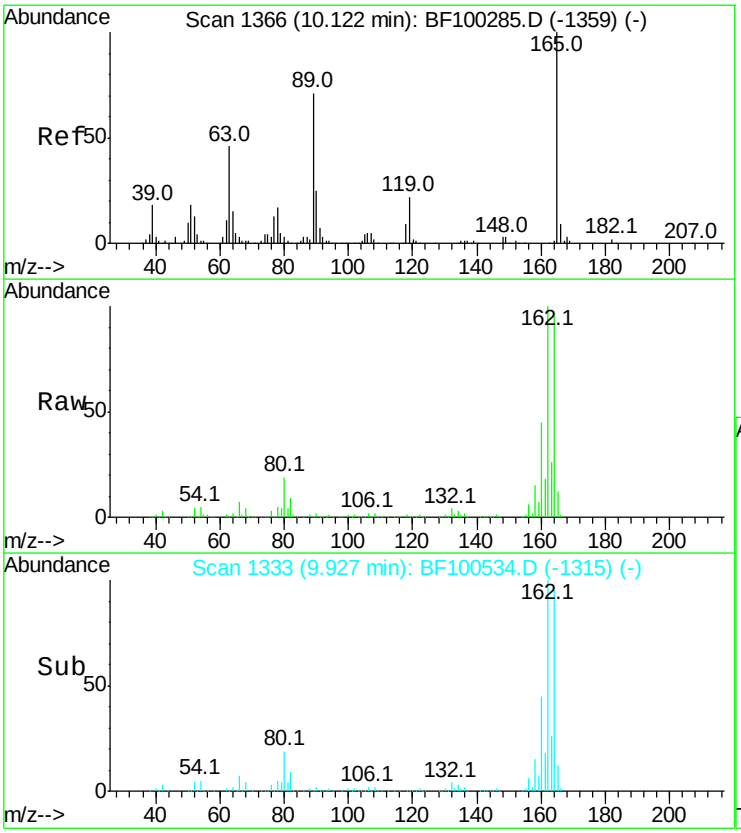
#53
2,4-Dinitrophenol
Concen: 8.115 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 276

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

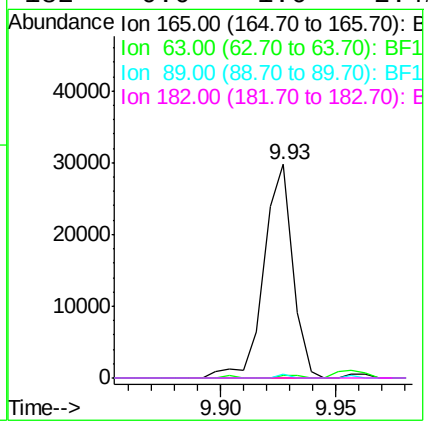


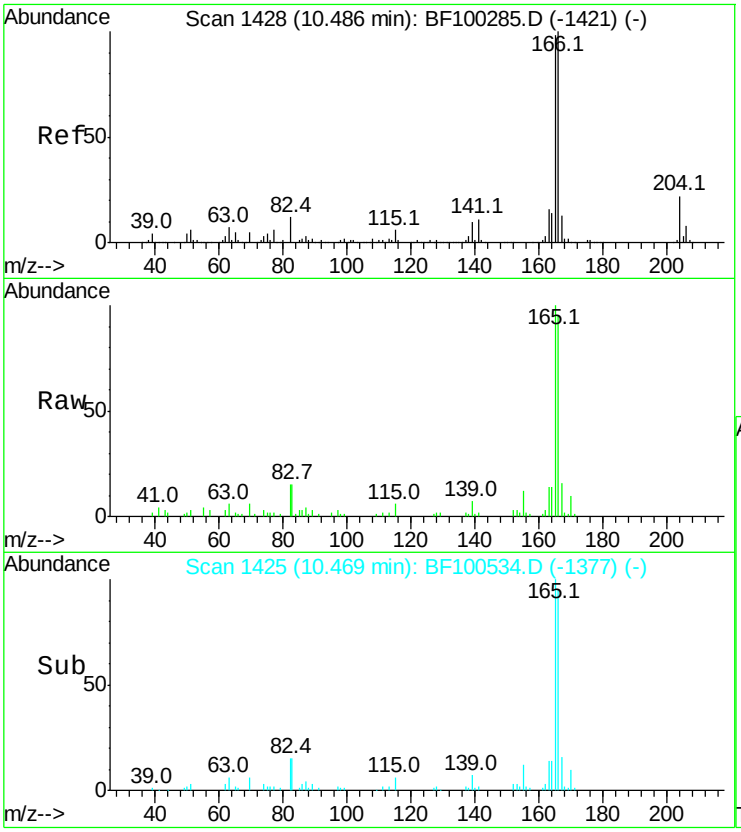


#56
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:165 Resp: 25796

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



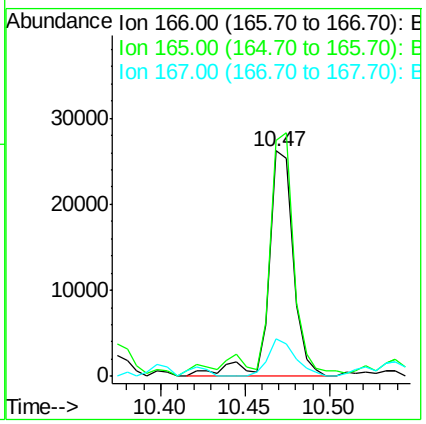


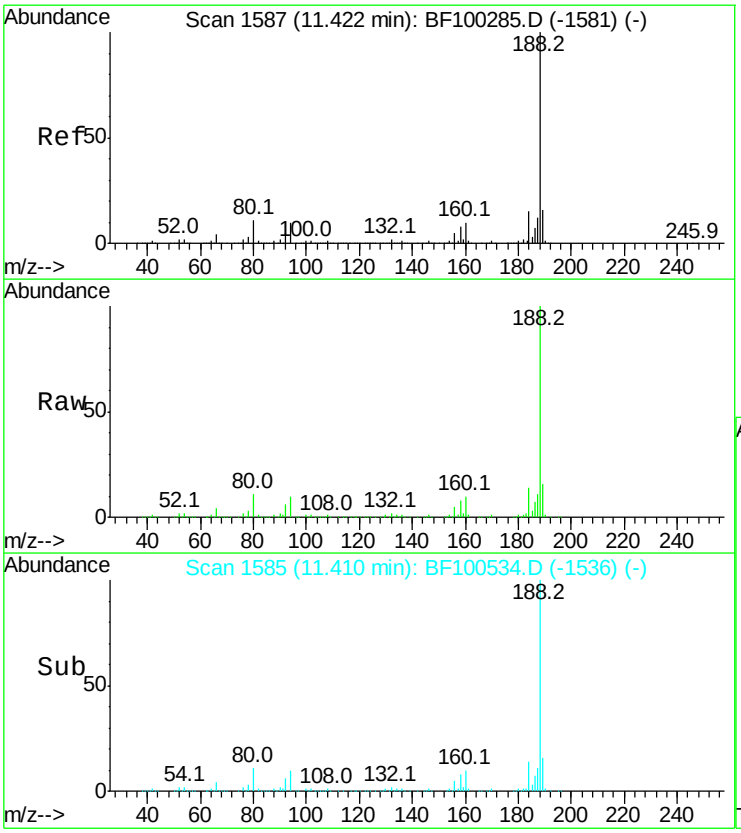
#57
Fluorene
Concen: 2.102 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 26255

Ion	Ratio	Lower	Upper
166	100		
165	105.0	79.8	119.8
167	16.7	10.6	16.0#

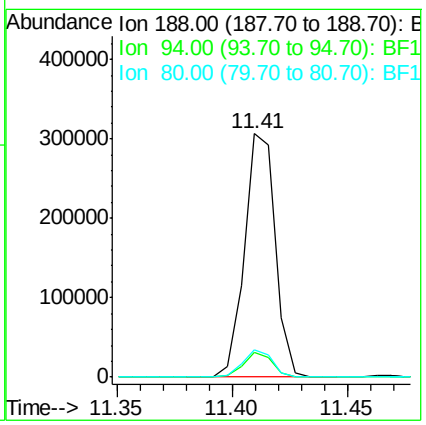


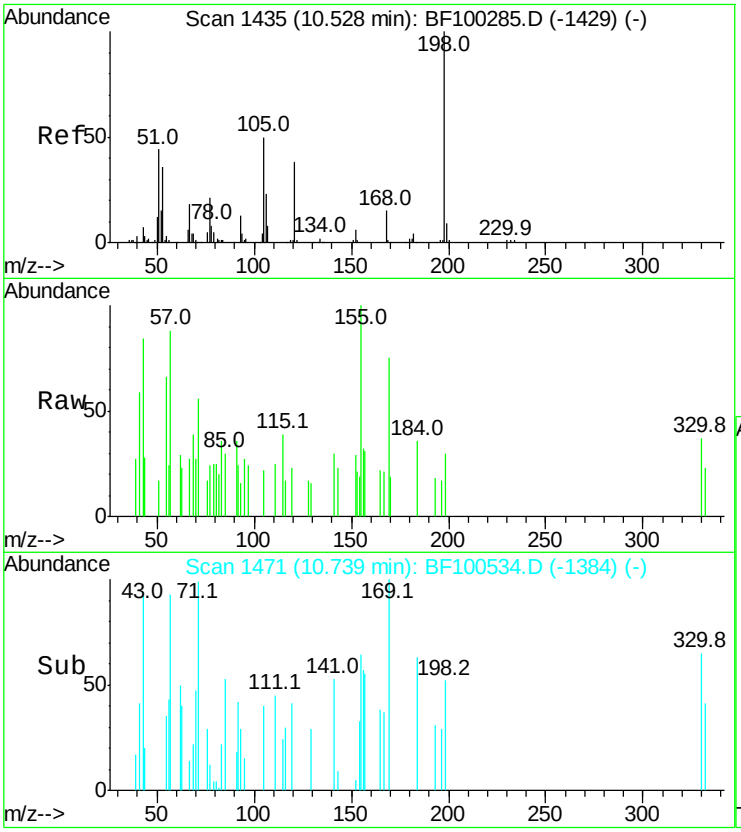


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:188 Resp: 285773

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.5	9.2	13.8



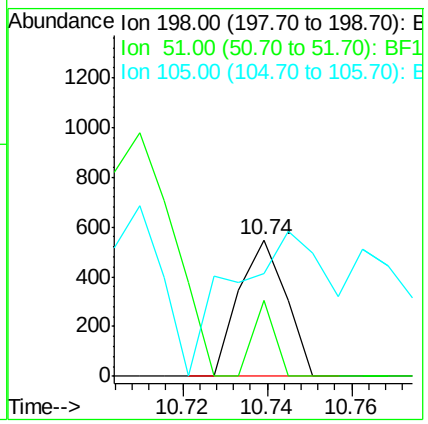


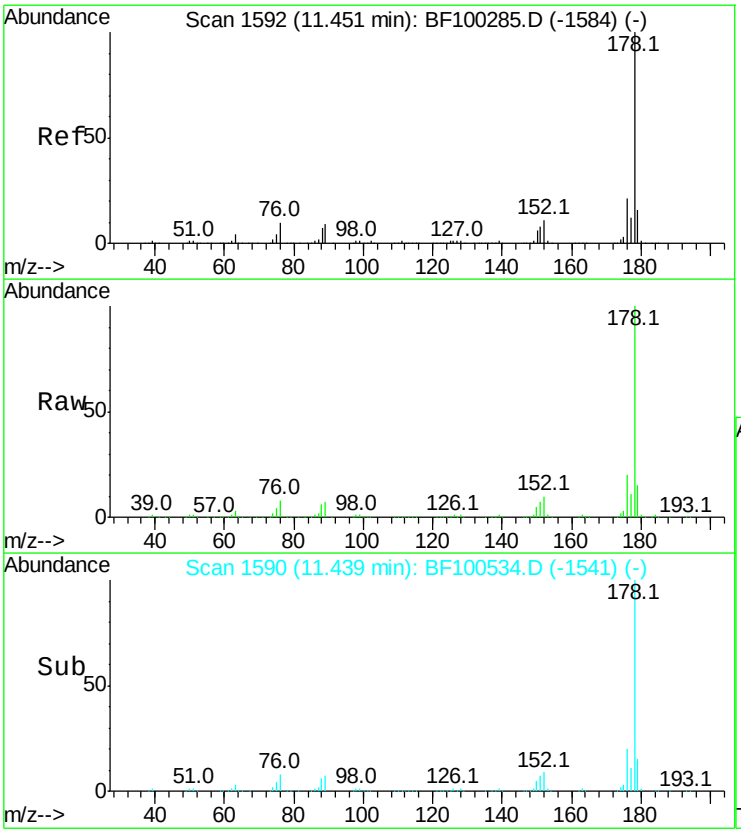
#64
4,6-Dinitro-2-methylphenol
Concen: 8.811 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.21 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 423

Ion	Ratio	Lower	Upper
198	100		
51	56.1	37.7	77.7
105	75.7	36.3	76.3

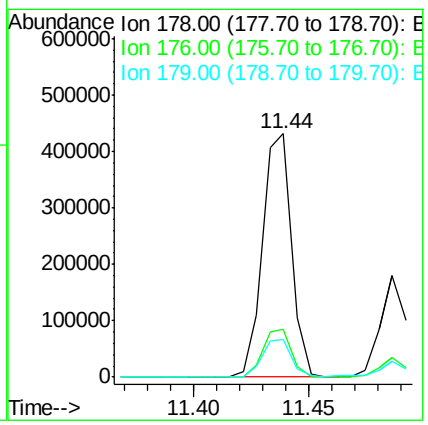


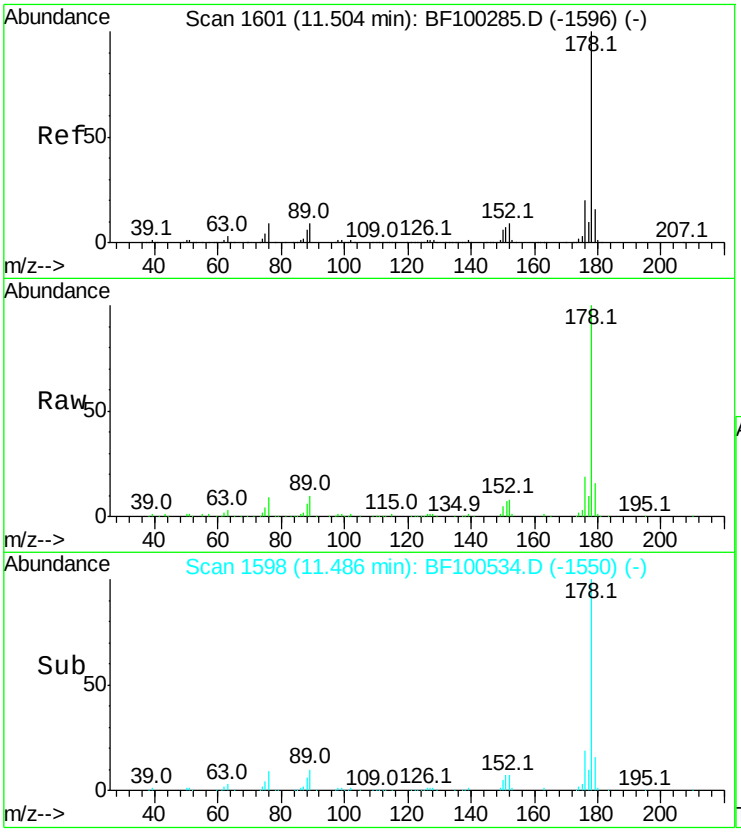


#70
Phenanthrene
Concen: 25.156 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:178 Resp: 378503

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6



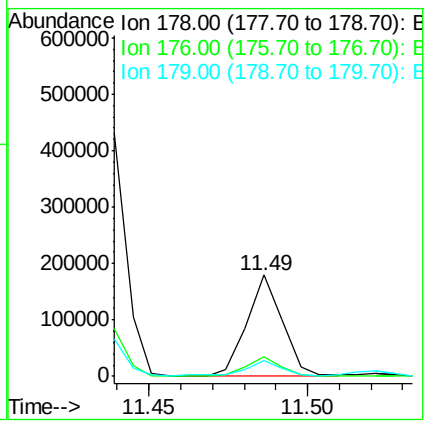


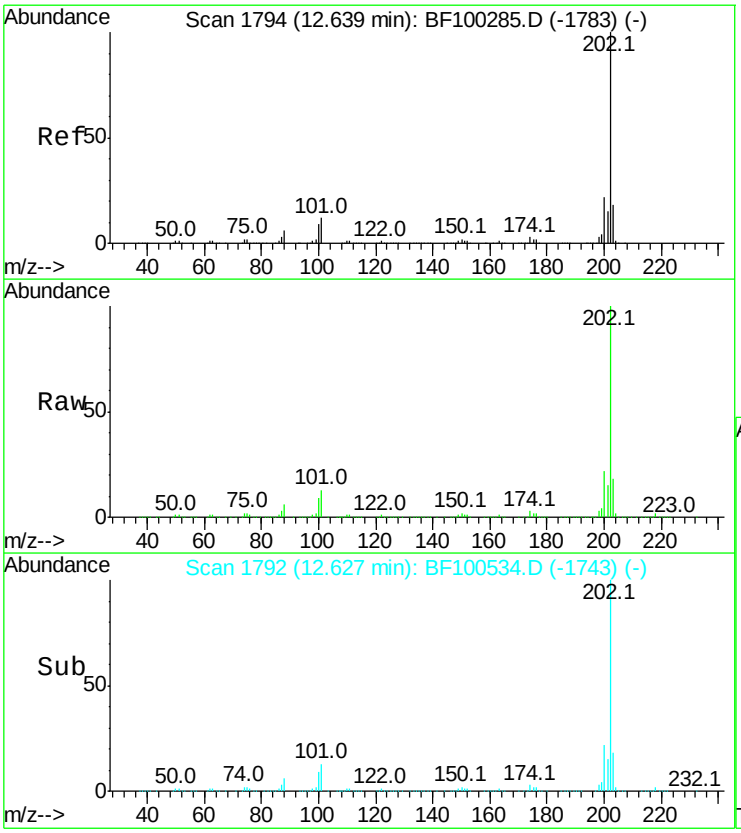
#71
Anthracene
Concen: 8.982 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 137107

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

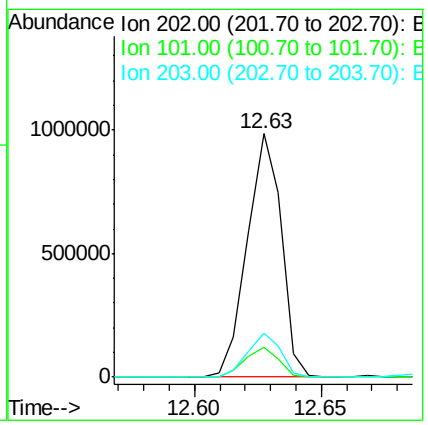


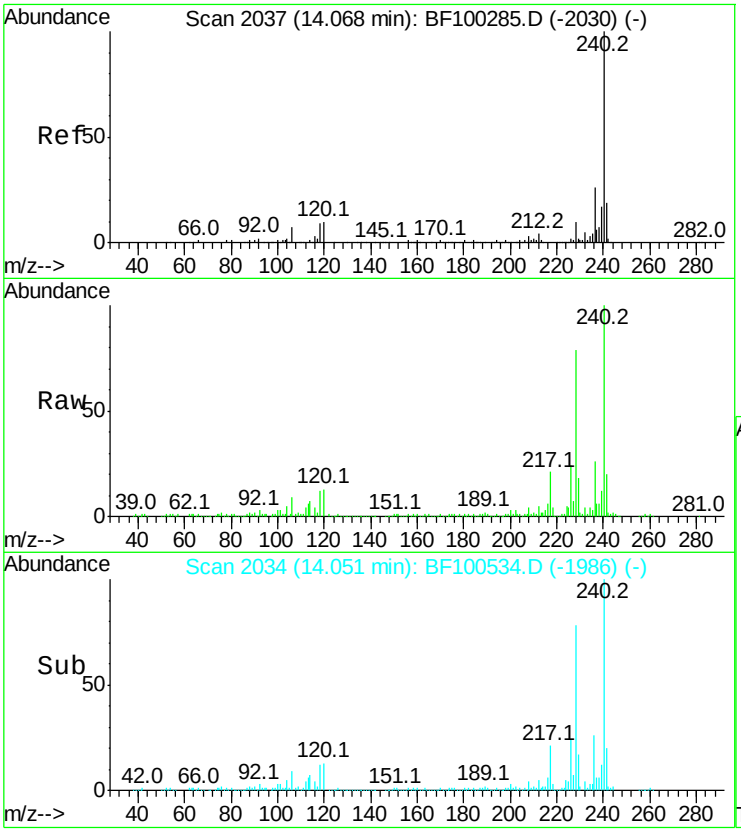


#74
Fluoranthene
Concen: 57.525 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:202 Resp: 917316

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.1	0.0	38.1



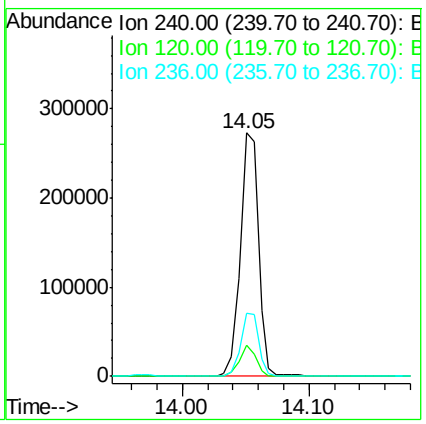


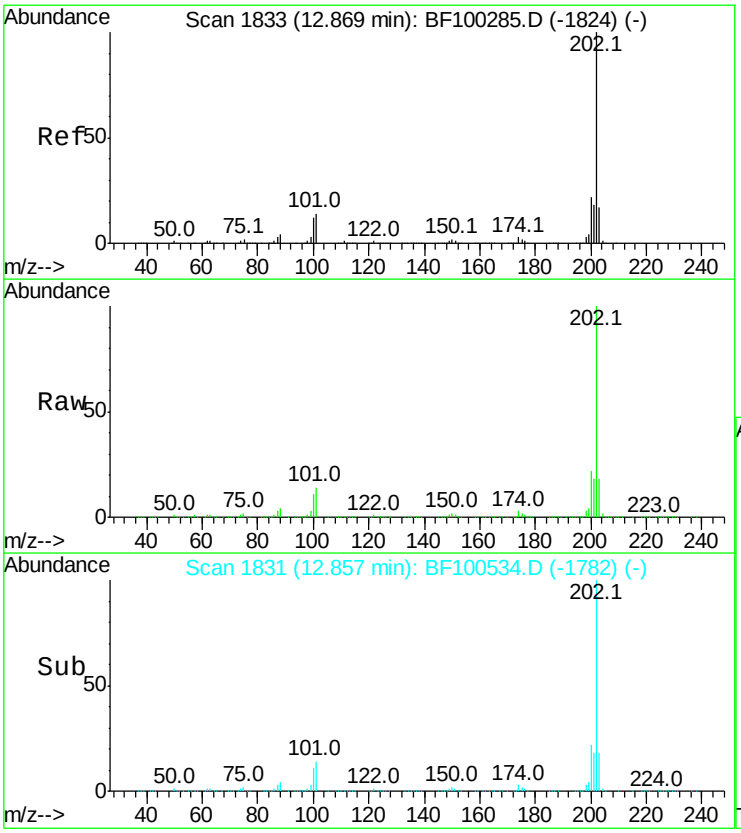
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 270262

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.7	20.7	31.1

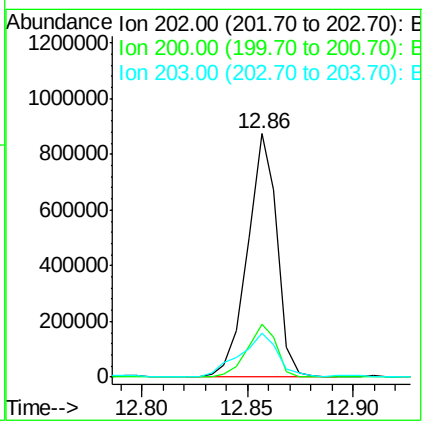


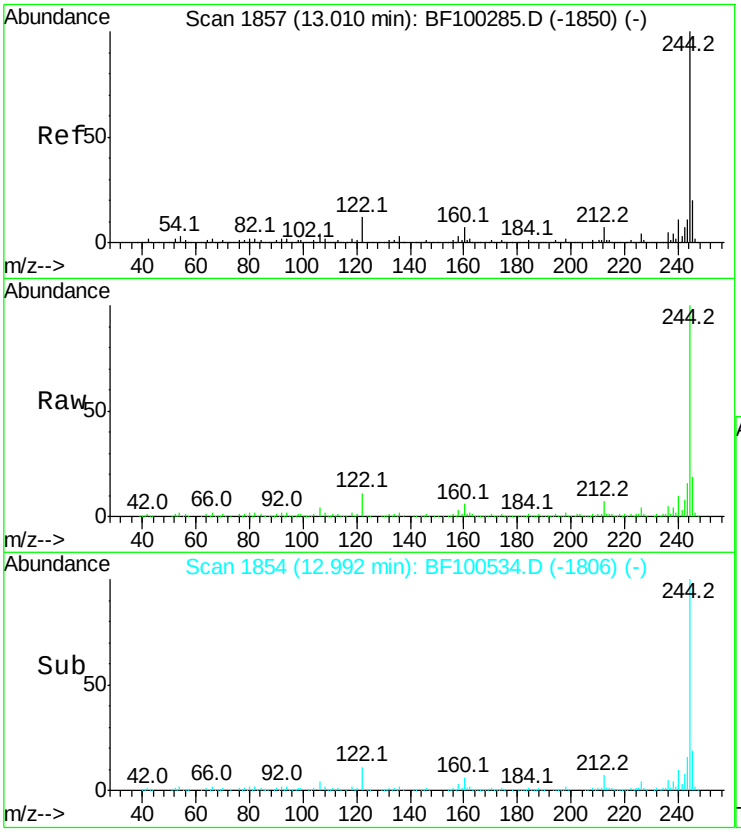


#77
Pyrene
Concen: 43.967 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:202 Resp: 847045

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5



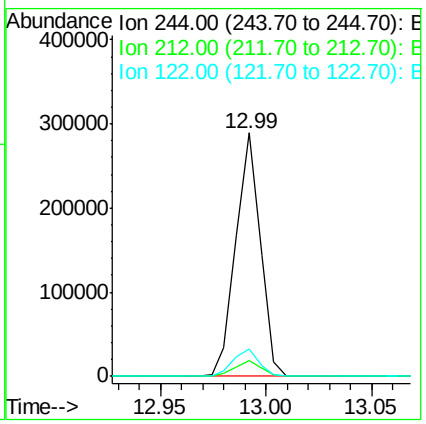


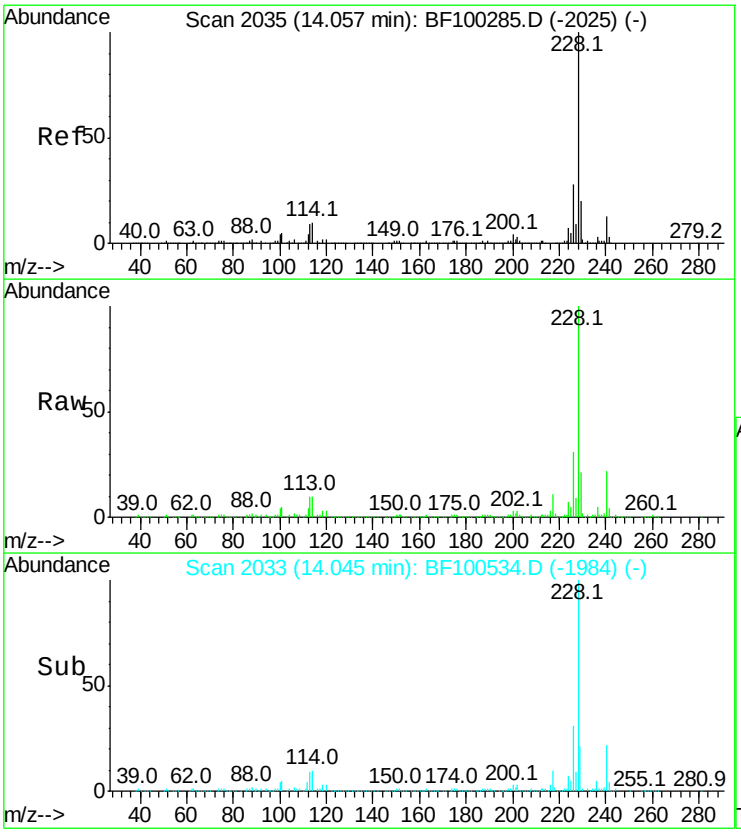
#78
Terphenyl-d14
Concen: 19.681 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 231487

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.3	11.0	16.4

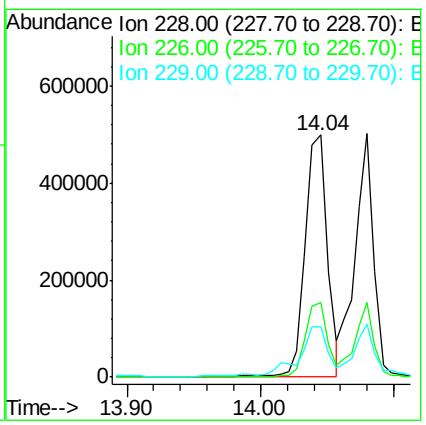


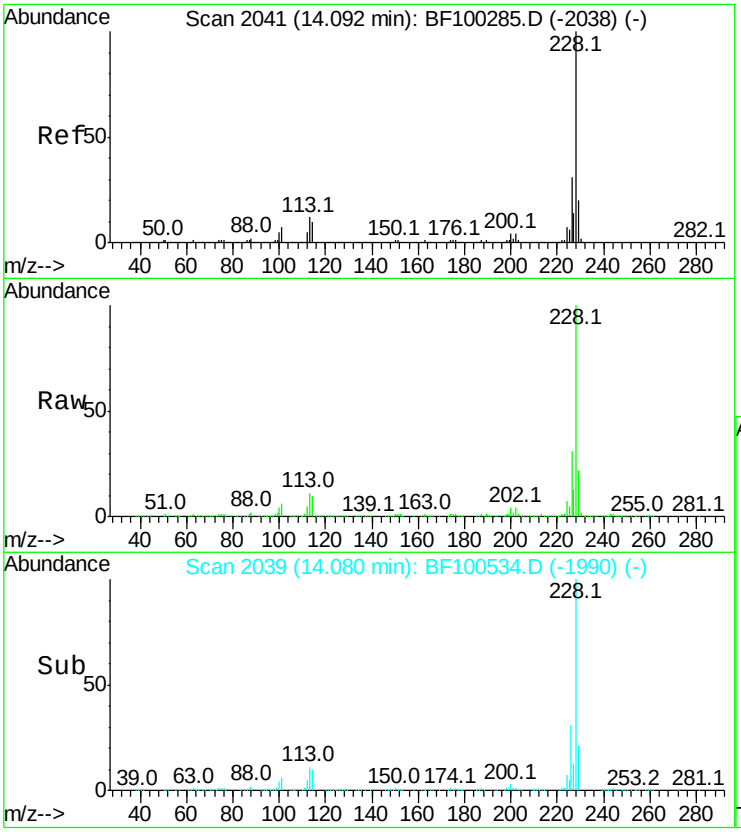


#80
Benzo(a)anthracene
Concen: 34.716 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:228 Resp: 565004

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	20.8	15.8	23.6



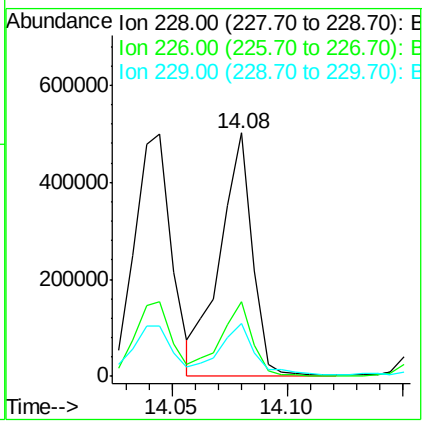


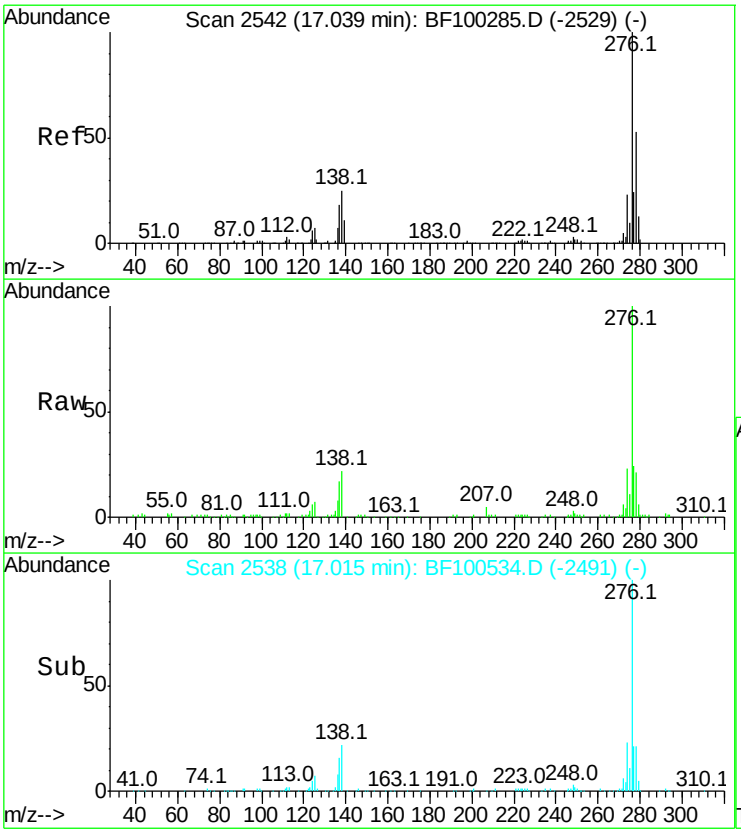
#82
Chrysene
Concen: 31.025 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 488961

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.9	16.2	24.4

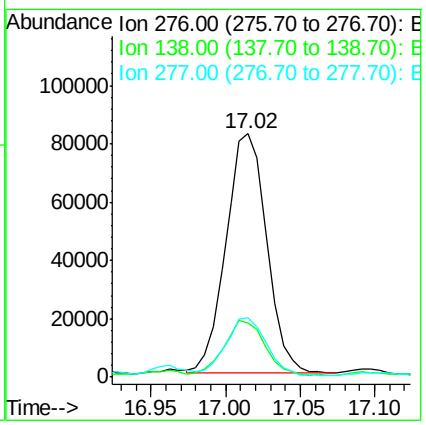


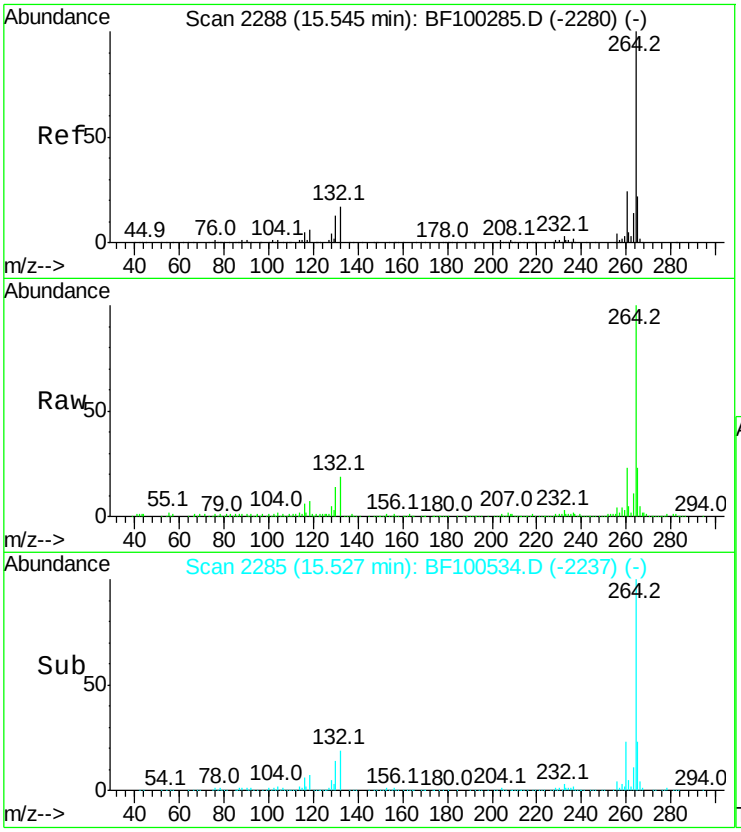


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.268 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:276 Resp: 156383

Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	23.9	20.1	30.1



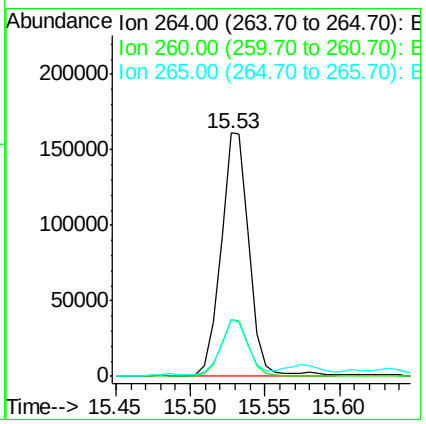


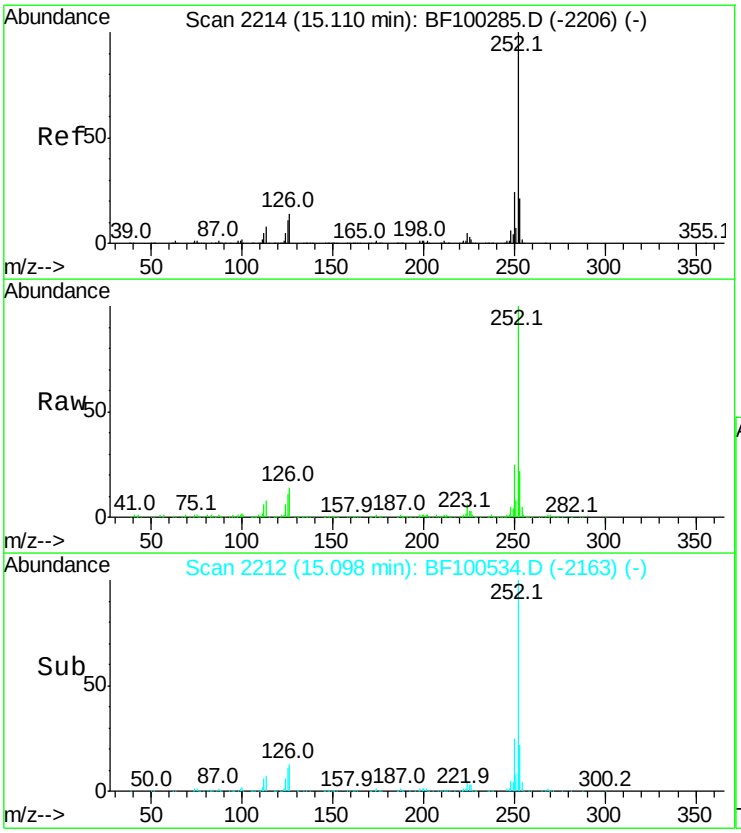
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 210431

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.1	17.5	26.3

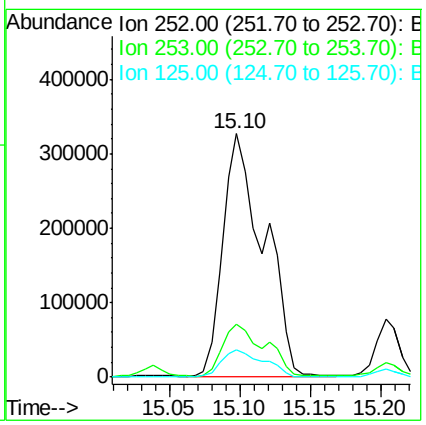


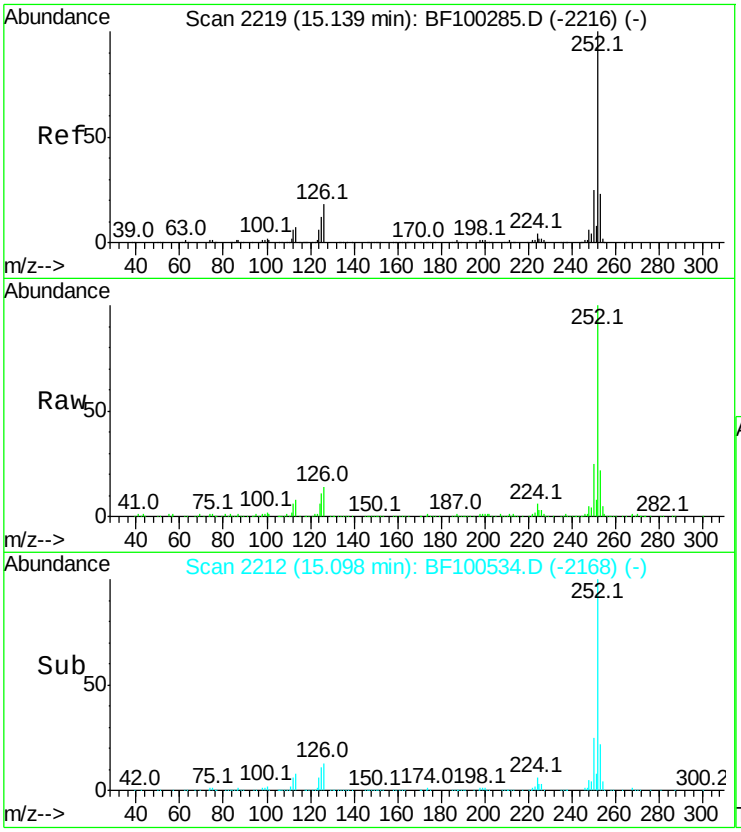


#87
Benzo(b)fluoranthene
Concen: 53.254 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:252 Resp: 663917

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.2	9.0	13.6



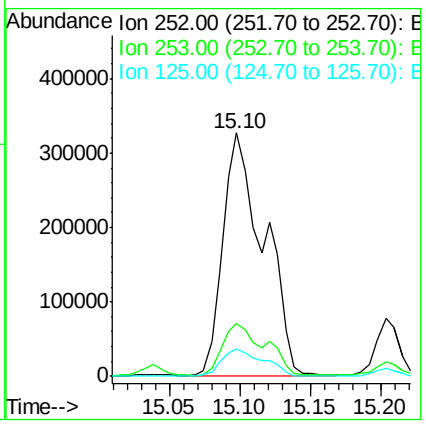


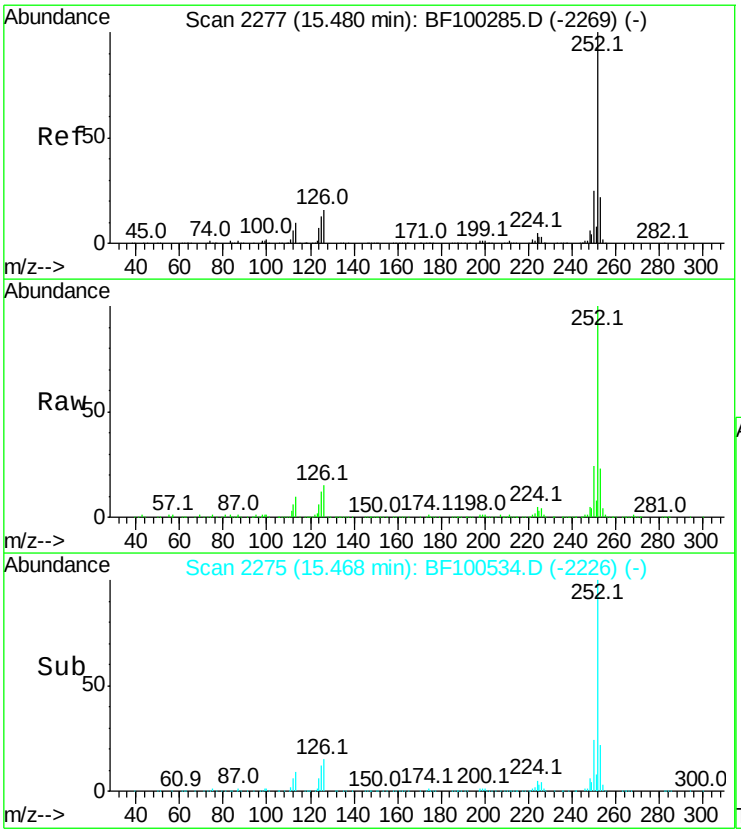
#88
Benzo(k)fluoranthene
Concen: 56.362 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 663917

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.2	10.2	15.2

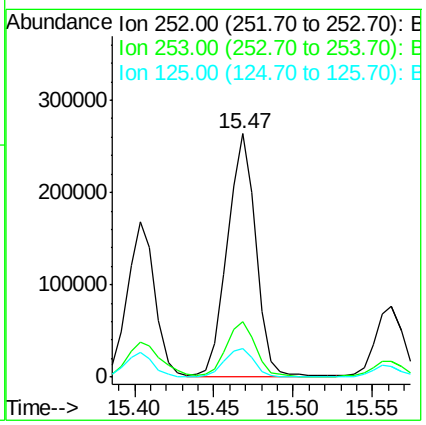


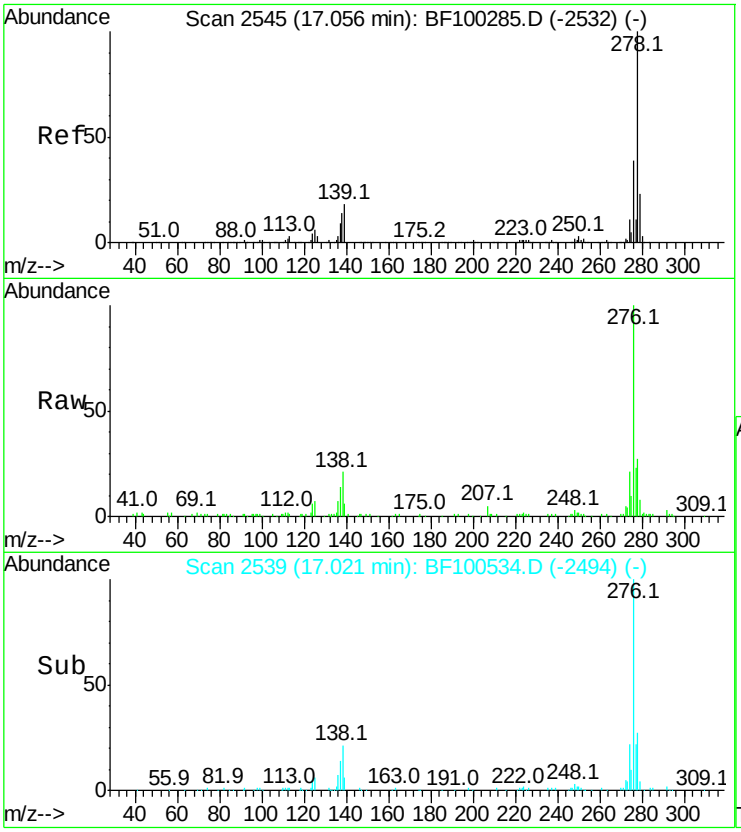


#89
Benzo(a)pyrene
Concen: 29.376 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:252 Resp: 324679

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.9	9.8	14.6



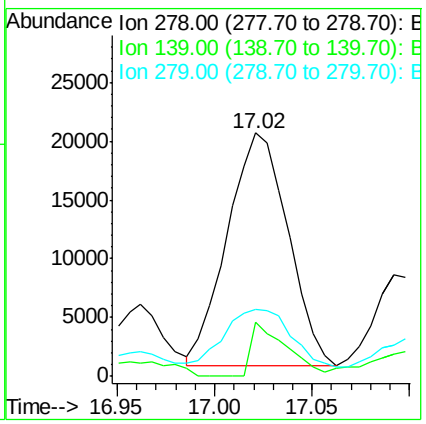


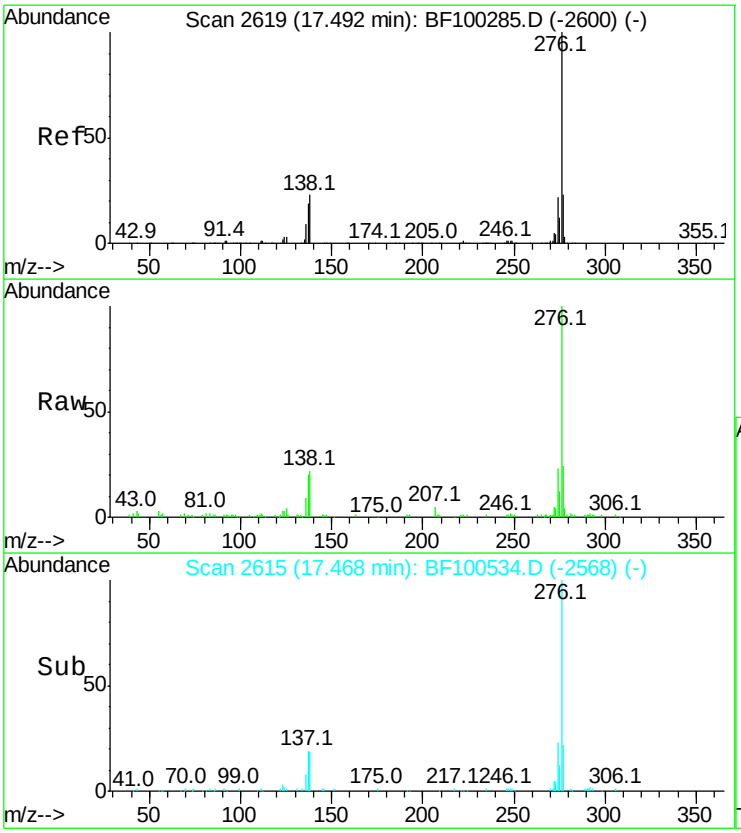
#90
Dibenzo(a,h)anthracene
Concen: 4.698 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 42468

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.9	23.9
279	27.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 15.669 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.02 min
Lab File: BF100534.D
Acq: 14 Nov 2017 9:26

Tgt Ion:276 Resp: 138635

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	21.7	21.8	32.8#