Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

Quantitation Report (Not Reviewed)

Data File : BF100560.D
Acq On : 14 Nov 2017 23:11
Operator : SJ/JU
Sample : I6441-23
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A-7B

Quant Time: Nov 15 01:10:22 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 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123291	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	461475	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	180995	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	304966	20.00	ng		0.00
75) Chrysene-d12	14.04	240	259633	20.00	ng		0.00
86) Perylene-d12	15.52	264	192575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	602231	78.30	ng		0.00
7) Phenol-d6	6.51	99	762435	80.39	ng		0.00
23) Nitrobenzene-d5	7.45	82	486801	69.74	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	135981	73.73	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	779628	65.59	ng		0.00
78) Terphenyl-d14	12.99	244	560866	49.64	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	44669	4.49	ng		94
19) n-Nitroso-di-n-propylamine	7.45	70	65363	9.94	ng	#	82
25) Isophorone	7.45	82	486794	33.19	ng	#	64
47) 2-Nitroaniline	9.63	65	1477	3.20	ng	#	1
49) Dimethylphthalate	9.63	163	155742	11.27	ng		99
56) 2,4-Dinitrotoluene	9.92	165	23969	6.95	ng	#	23
62) Azobenzene	10.63	77	92886	7.13	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.71	198	177	8.66	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	8160	2.50	ng	#	1
70) Phenanthrene	11.43	178	101345	6.31	ng		99
74) Fluoranthene	12.62	202	244773	14.38	ng		99
77) Pyrene	12.84	202	222511	12.02	ng		97
80) Benzo(a)anthracene	14.03	228	140161	8.96	ng		98
82) Chrysene	14.07	228	120780	7.98	ng		95
85) Indeno(1,2,3-cd)pyrene	17.00	276	47084	3.84	ng		95
87) Benzo(b)fluoranthene	15.09	252	171649	15.04	ng		97
88) Benzo(k)fluoranthene	15.09	252	171649	15.92	ng		99
89) Benzo(a)pyrene	15.46	252	84796	8.38	ng		99
91) Benzo(g,h,i)perylene	17.44	276	48341	5.97	ng		97

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

Quantitation Report (Not Reviewed)

Data File : BF100560.D
Acq On : 14 Nov 2017 23:11
Operator : SJ/JU
Sample : I6441-23
Misc :
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Instrument :
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TP-7A-7B

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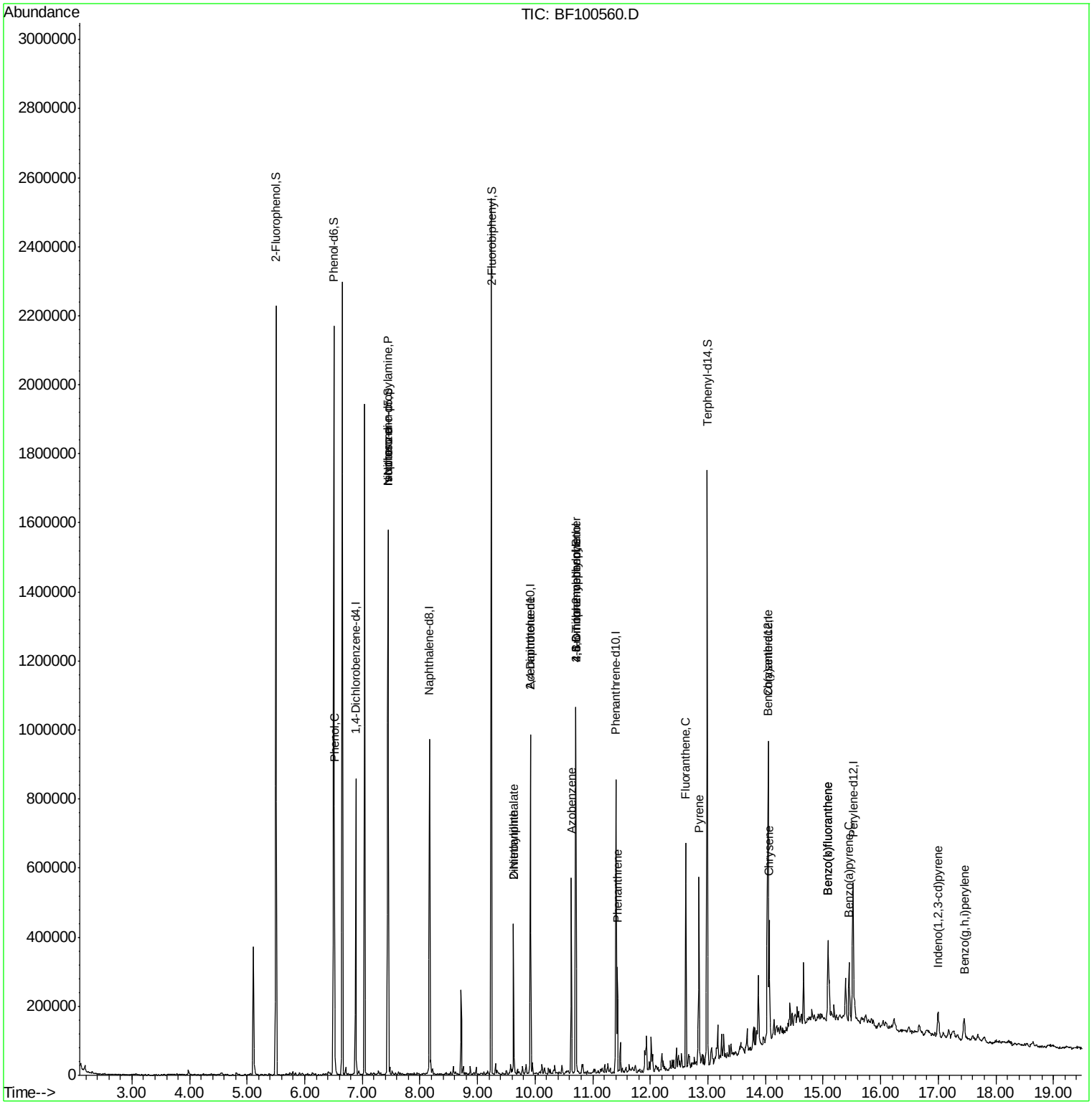
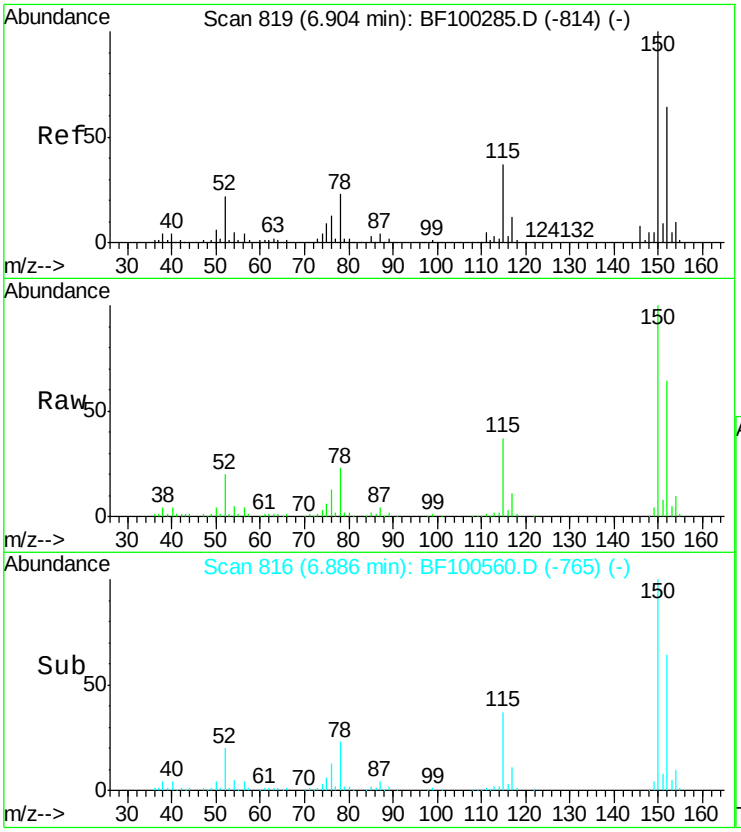


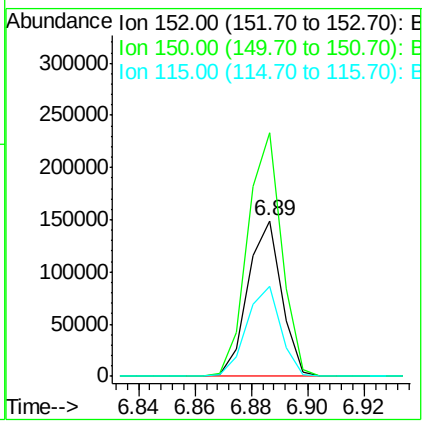


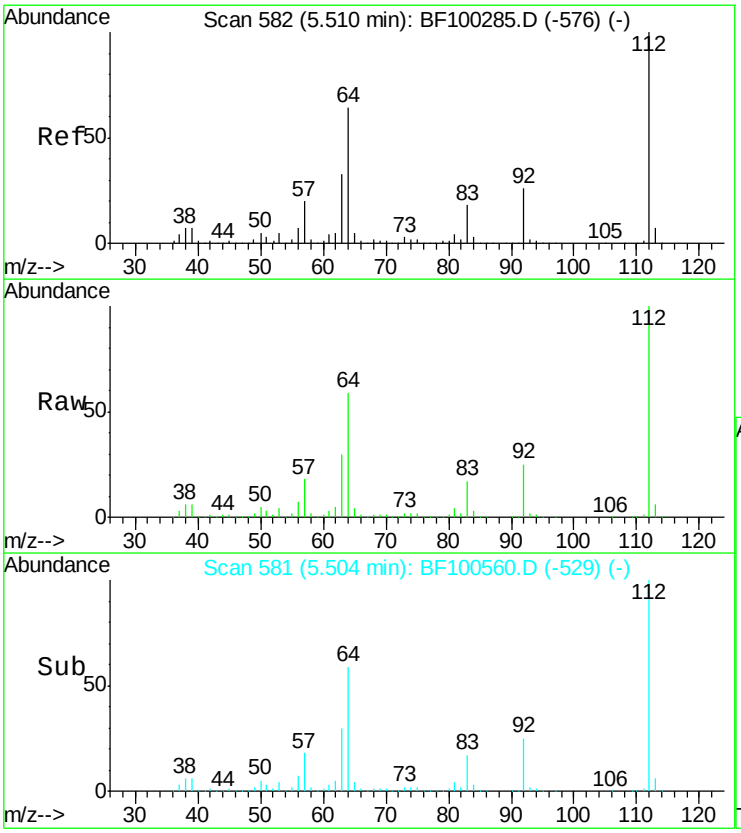
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:152 Resp: 123291

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.6	50.1	75.1

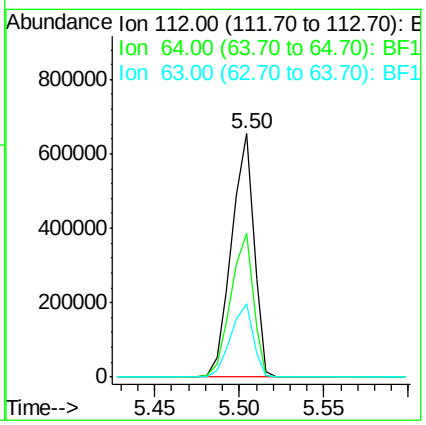


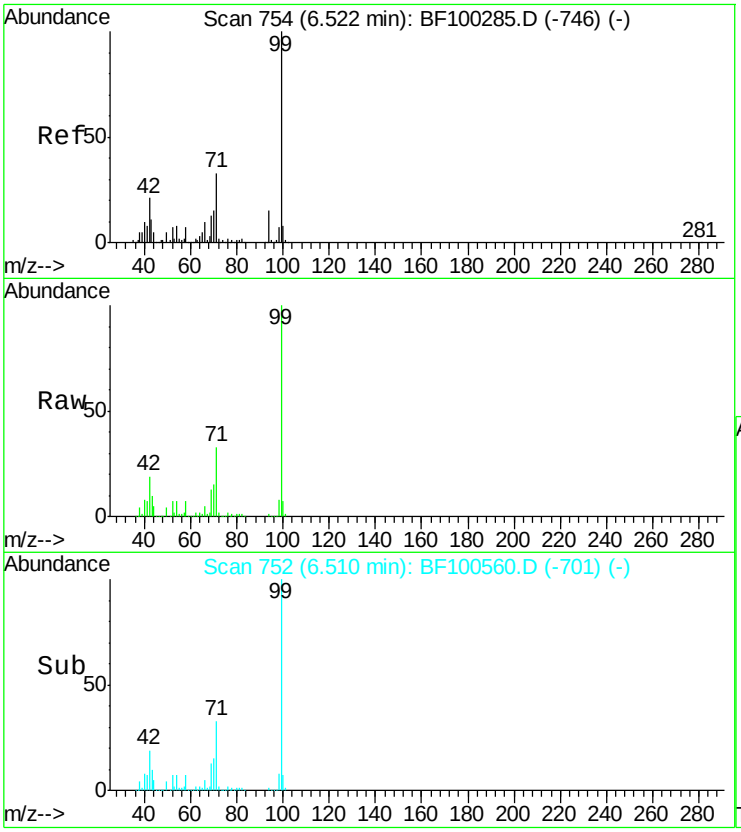


#5
2-Fluorophenol
Concen: 78.30 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:112 Resp: 602231

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.3	23.7	35.5



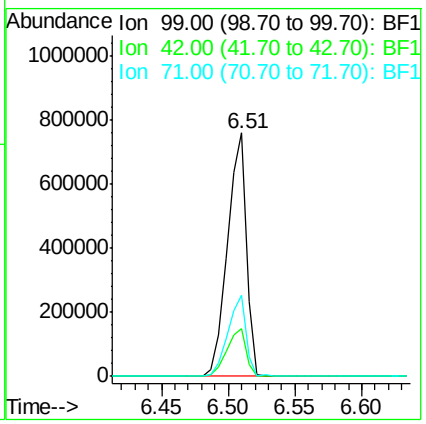


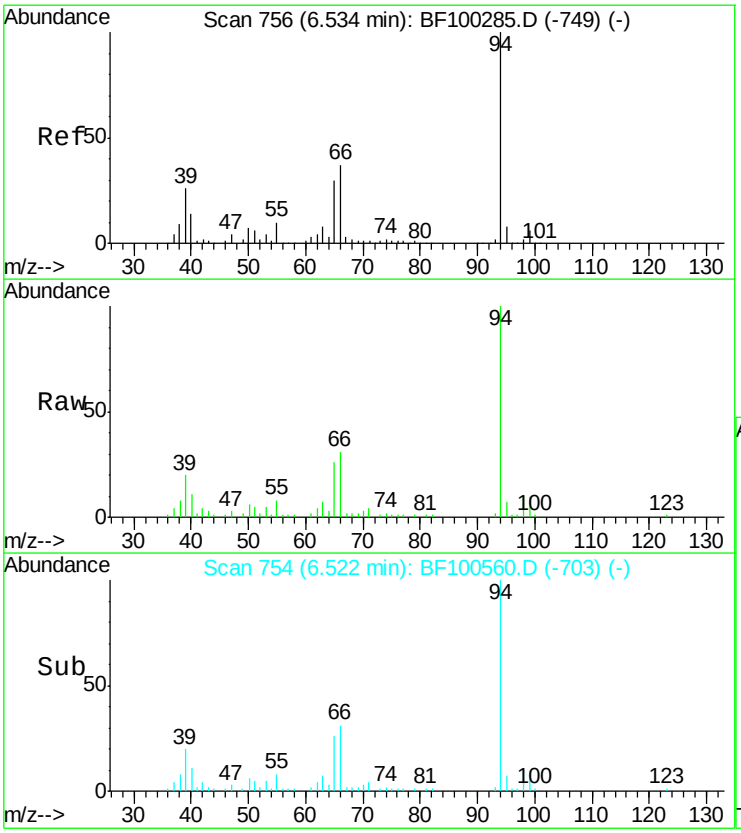
#7
Phenol-d6
Concen: 80.39 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion: 99 Resp: 762435

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.1	25.4	38.0

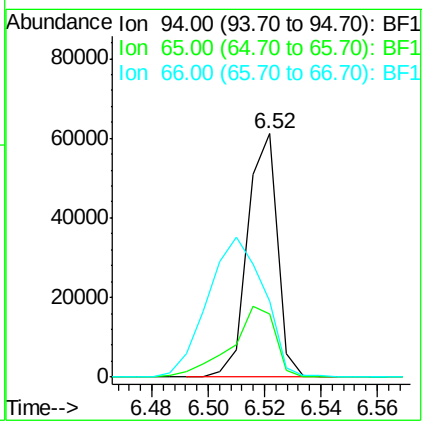


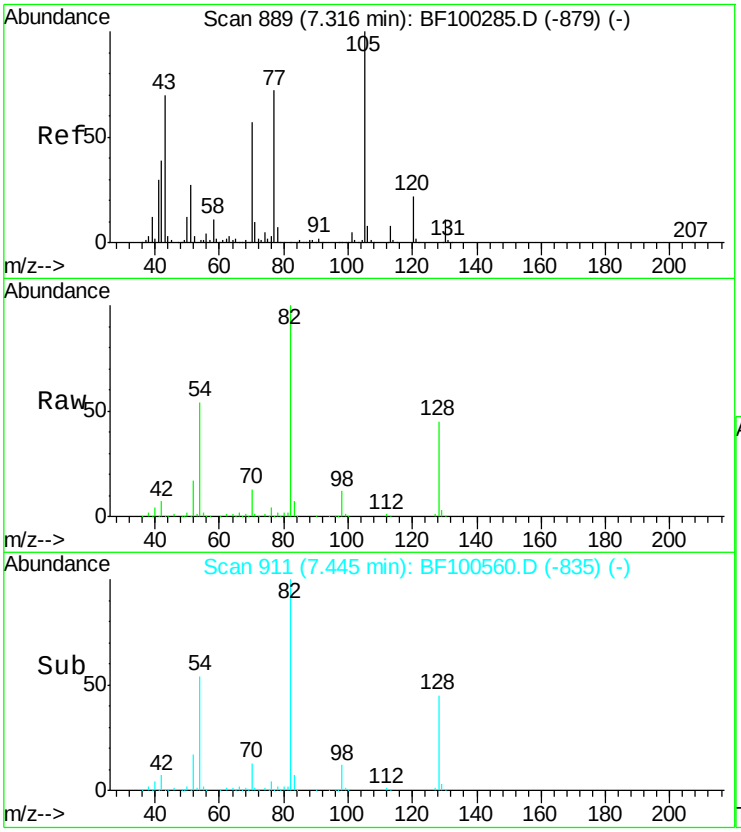


#10
Phenol
Concen: 4.49 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion: 94 Resp: 44669

Ion	Ratio	Lower	Upper
94	100		
65	25.8	7.9	47.9
66	31.3	16.2	56.2



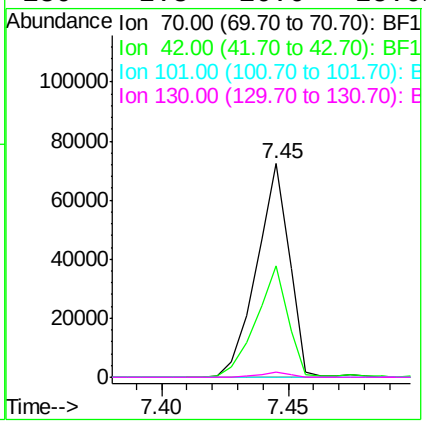


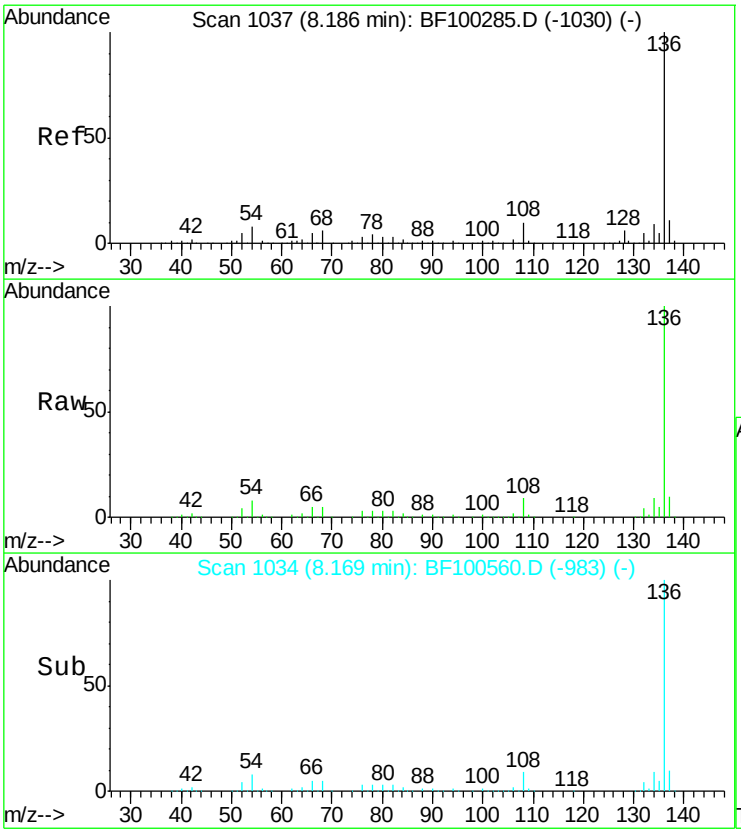
#19
n-Nitroso-di-n-propylamine
Concen: 9.94 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion: 70 Resp: 65363

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

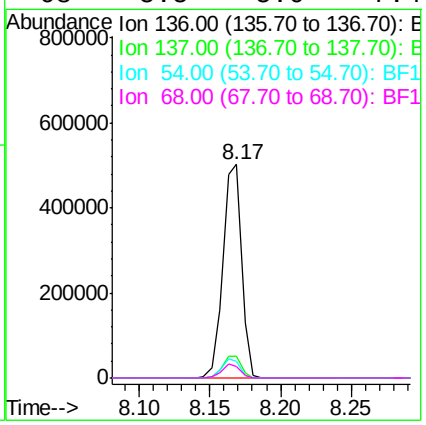


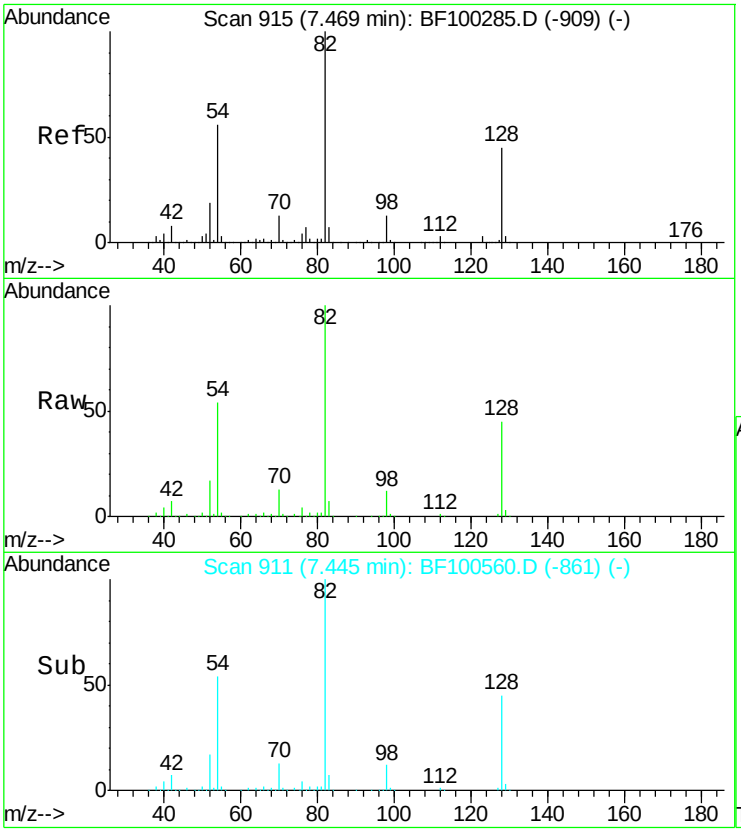


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:136 Resp: 461475

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	7.7	6.6	9.8
68	5.5	5.0	7.4



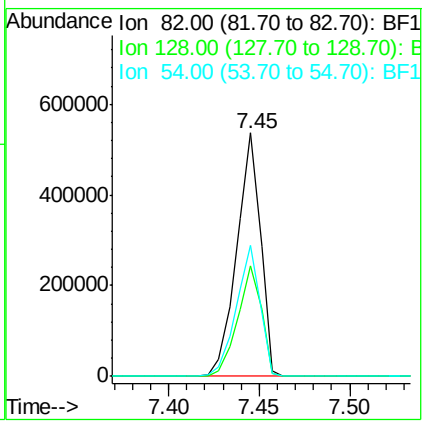


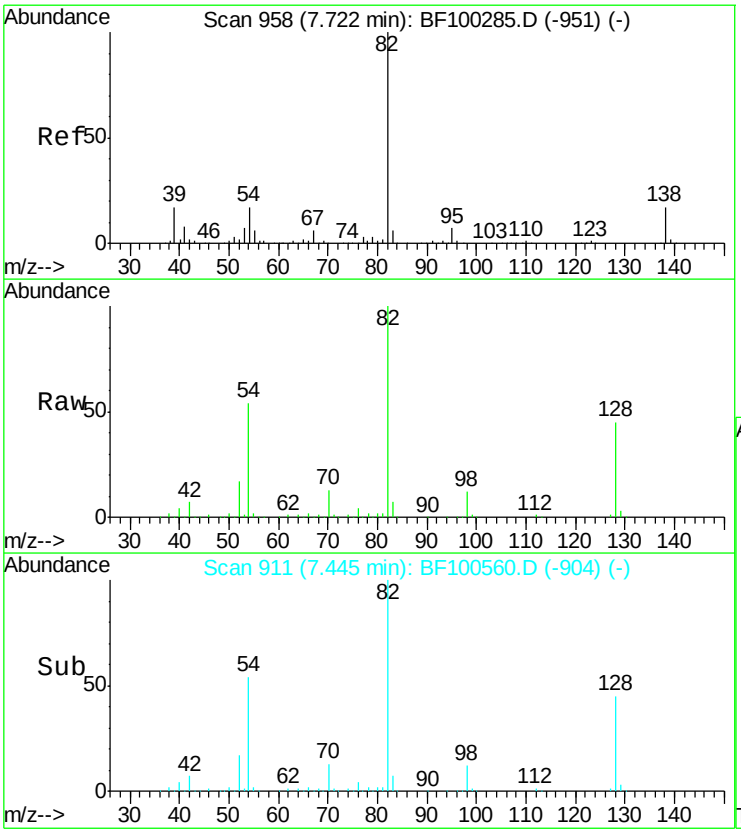
#23
Nitrobenzene-d5
Concen: 69.74 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion: 82 Resp: 486801

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.9	41.4	62.2

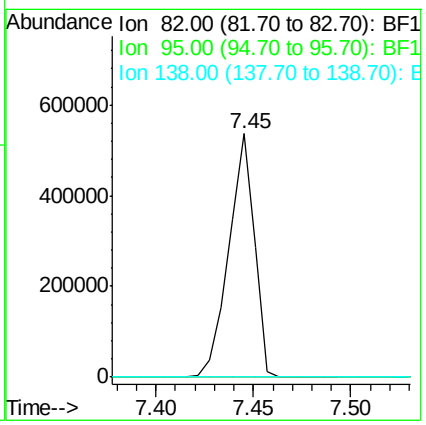


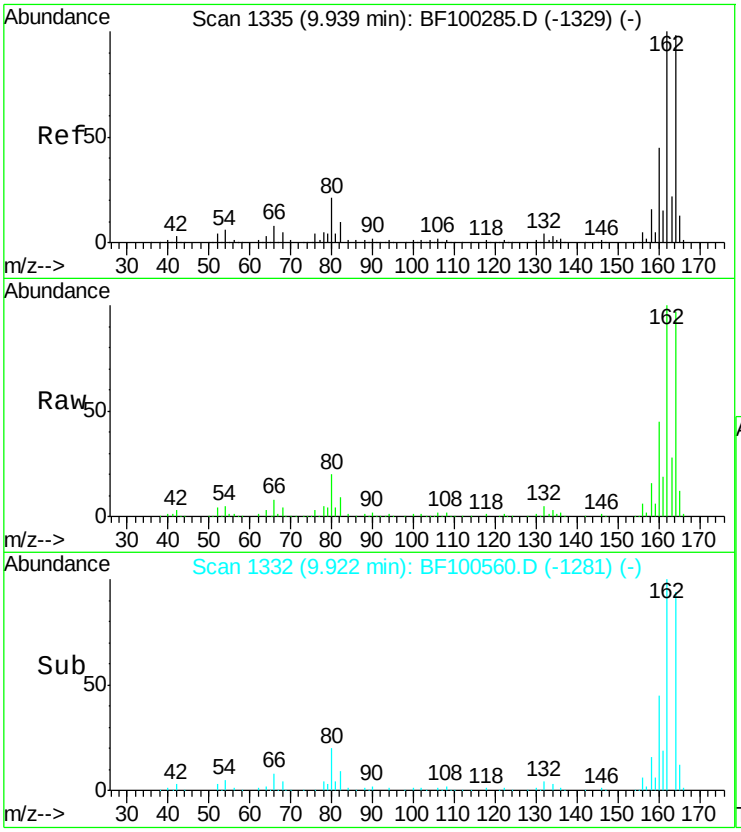


#25
Isophorone
Concen: 33.19 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion: 82 Resp: 486794

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



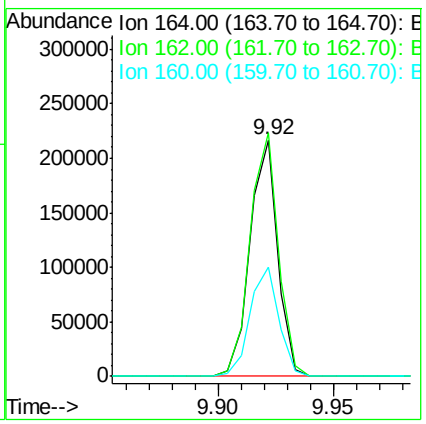


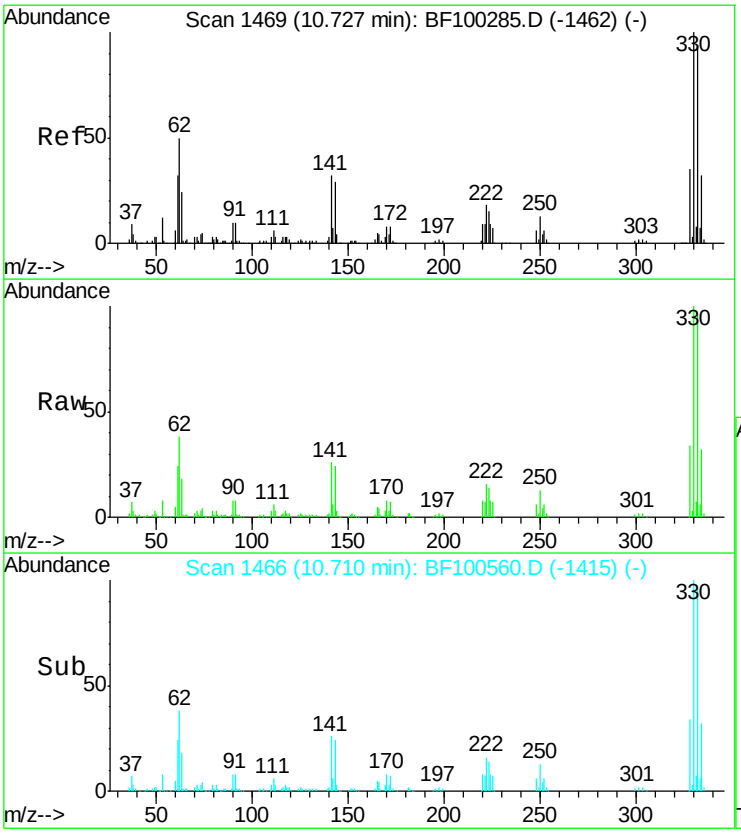
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:164 Resp: 180995

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.0	38.3	57.5

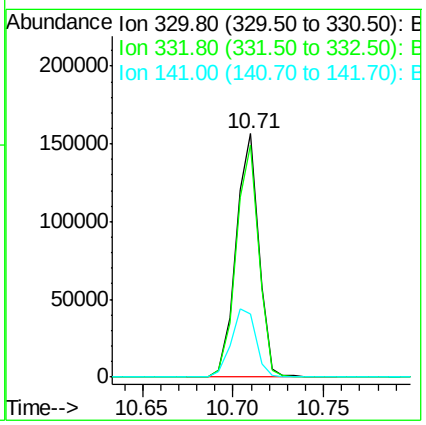


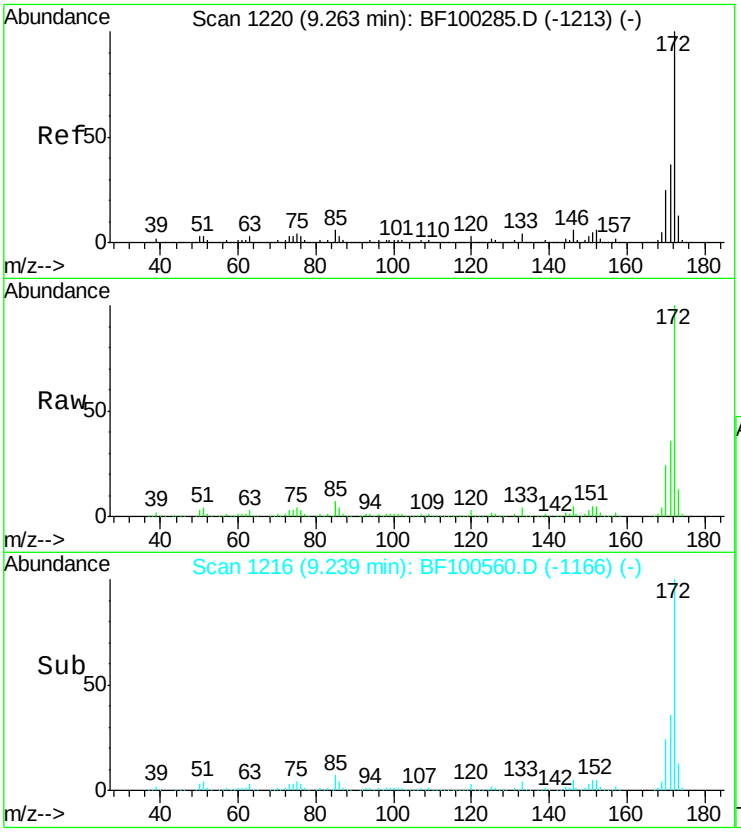


#41
2,4,6-Tribromophenol
Concen: 73.73 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:330 Resp: 135981

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.1	29.9	44.9



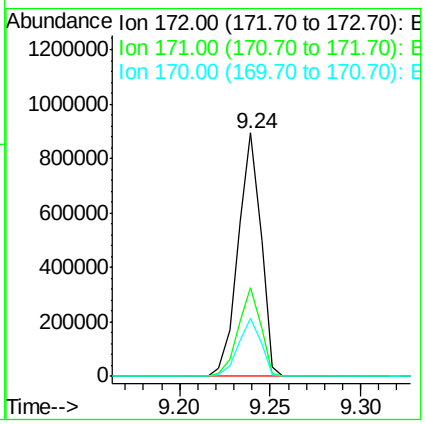


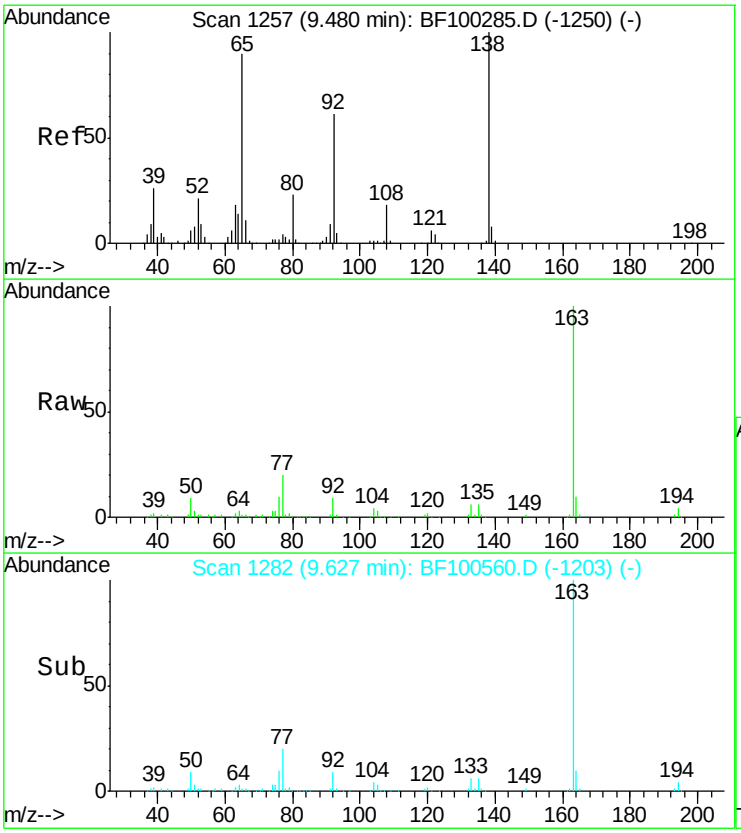
#44
2-Fluorobiphenyl
Concen: 65.59 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:172 Resp: 779628

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

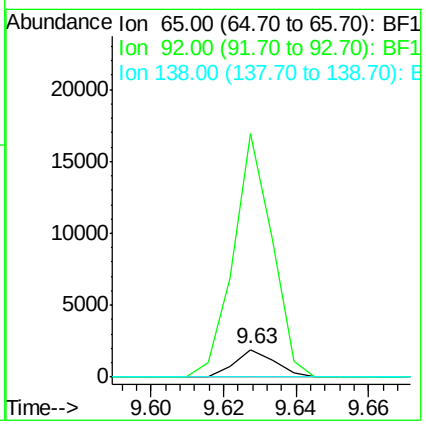


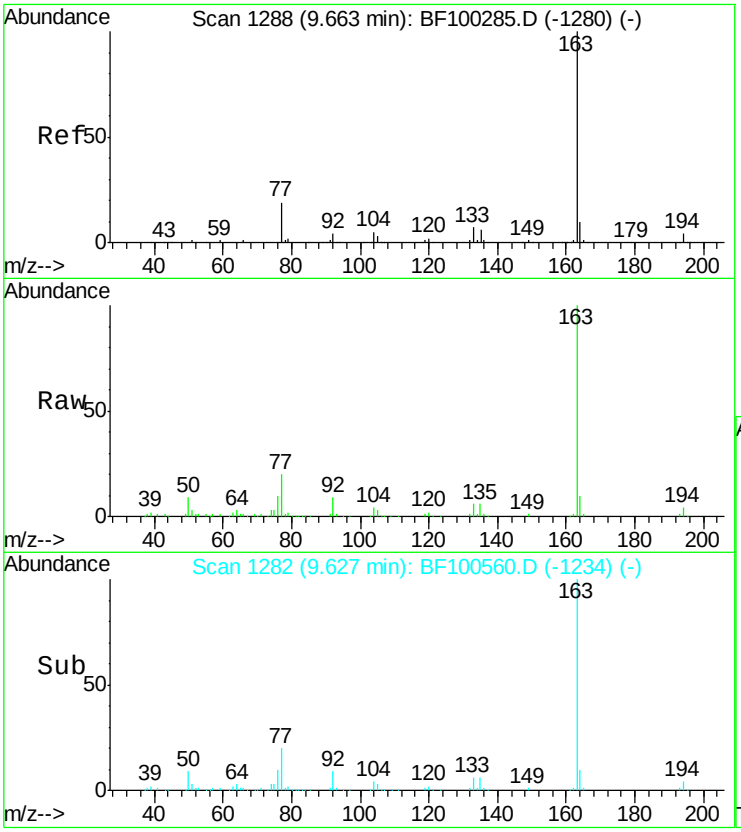


#47
2-Nitroaniline
Concen: 3.20 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion: 65 Resp: 1477

Ion	Ratio	Lower	Upper
65	100		
92	884.4	55.8	83.6#
138	0.0	91.2	136.8#



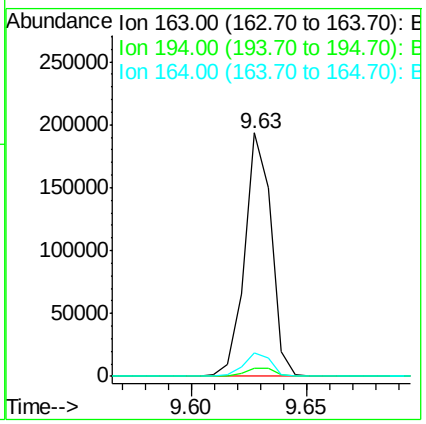


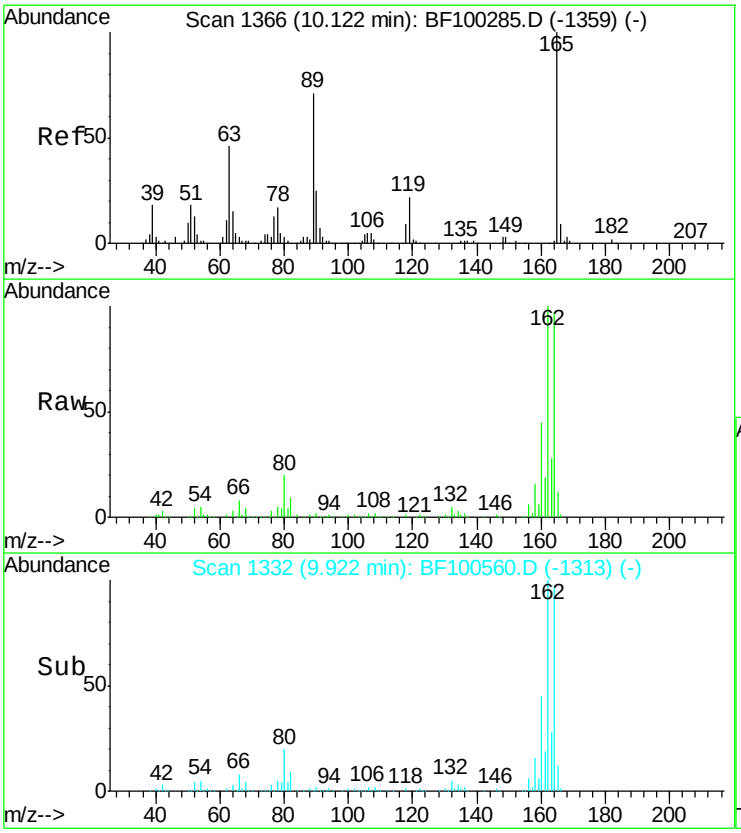
#49
Dimethylphthalate
Concen: 11.27 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:163 Resp: 155742

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

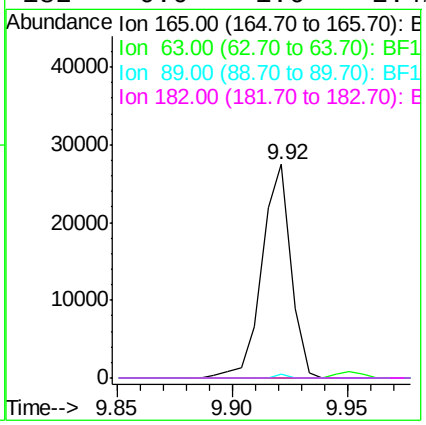


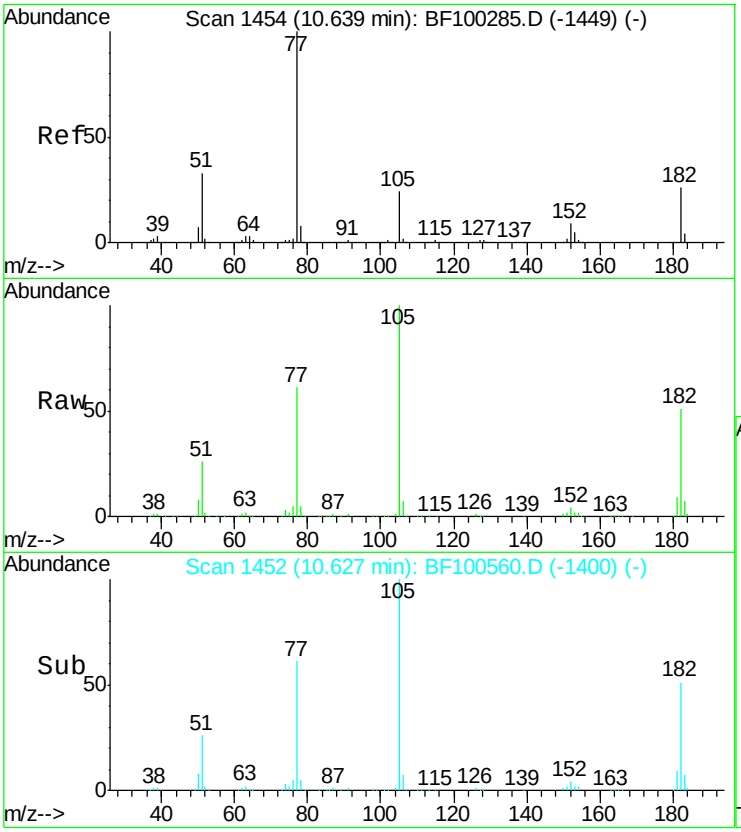


#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:165 Resp: 23969

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



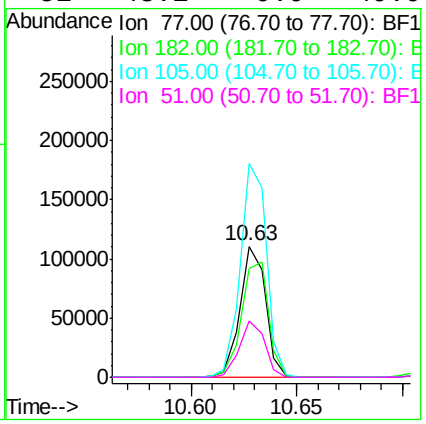


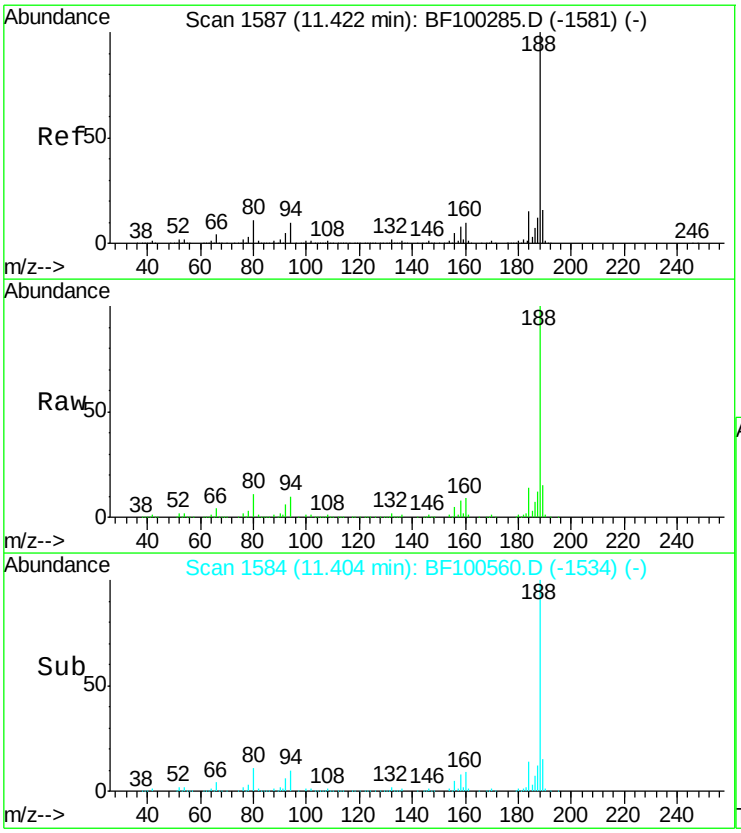
#62
Azobenzene
Concen: 7.13 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion: 77 Resp: 92886

Ion	Ratio	Lower	Upper
77	100		
182	82.6	1.7	41.7#
105	162.9	3.0	43.0#
51	43.1	9.9	49.9

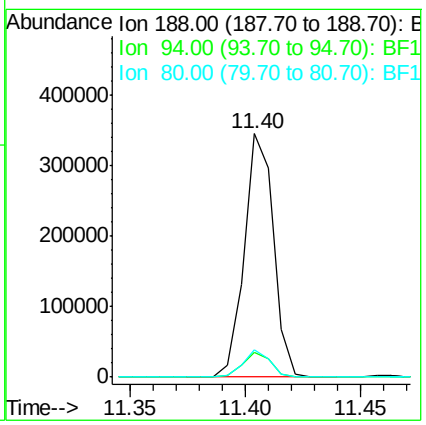


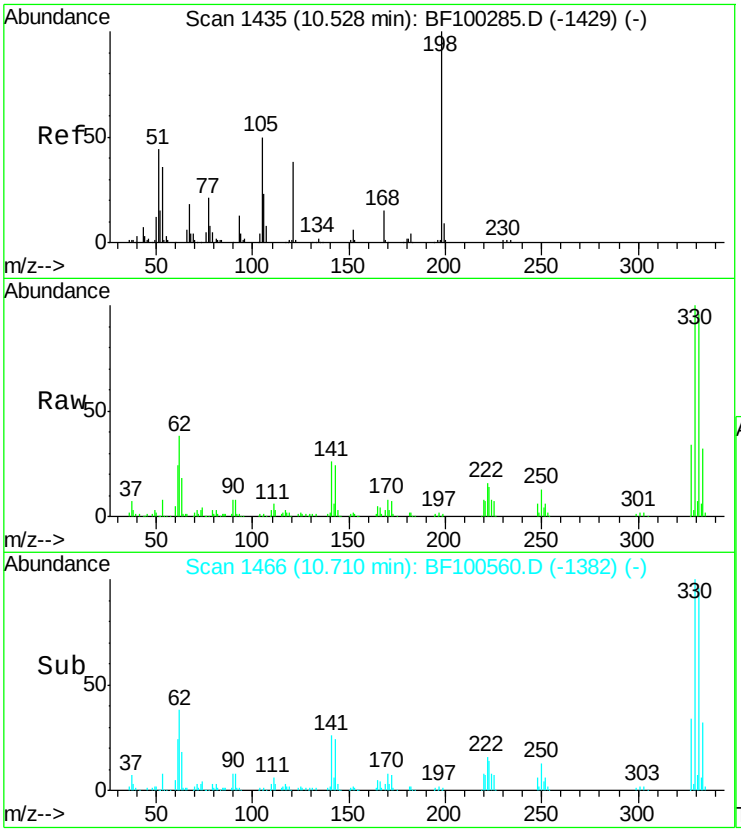


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:188 Resp: 304966

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8



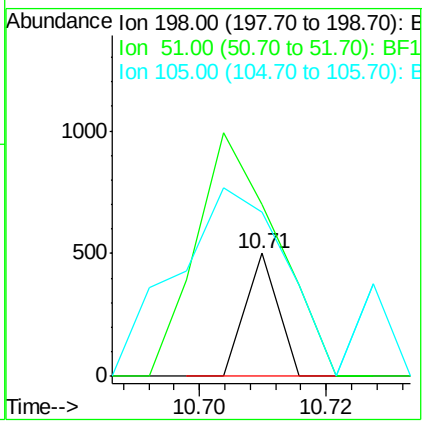


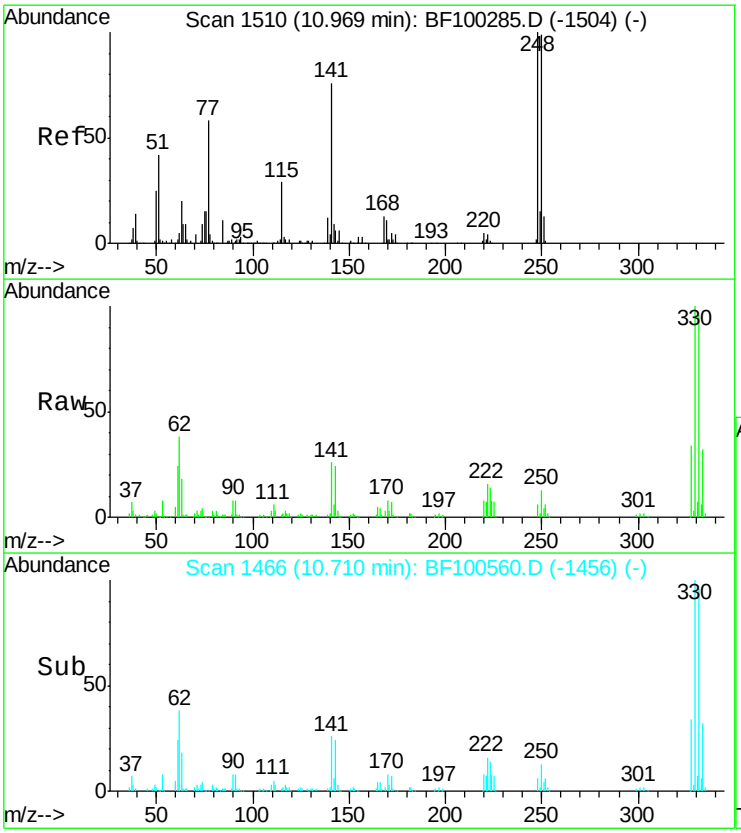
#64
4,6-Dinitro-2-methylphenol
Concen: 8.66 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:198 Resp: 177

Ion	Ratio	Lower	Upper
198	100		
51	139.8	37.7	77.7#
105	133.1	36.3	76.3#

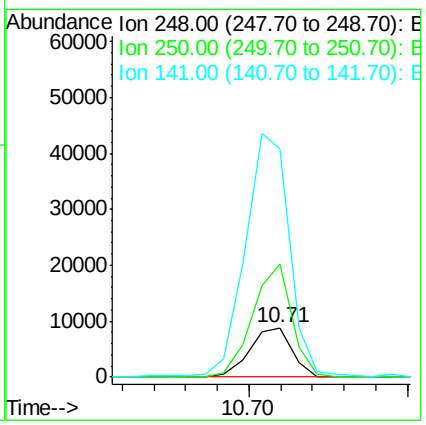


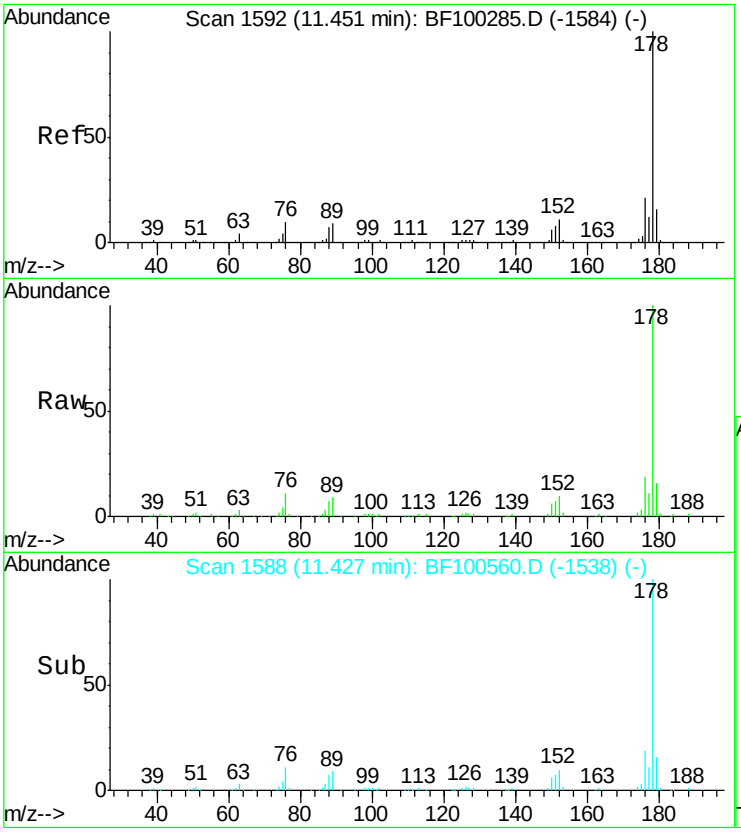


#66
4-Bromophenyl-phenylether
Concen: 2.50 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:248 Resp: 8160

Ion	Ratio	Lower	Upper
248	100		
250	229.5	76.9	115.3#
141	465.5	74.4	111.6#



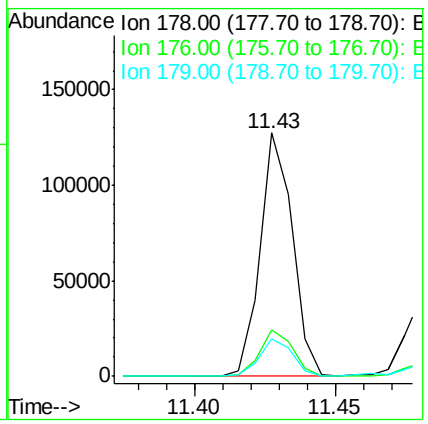


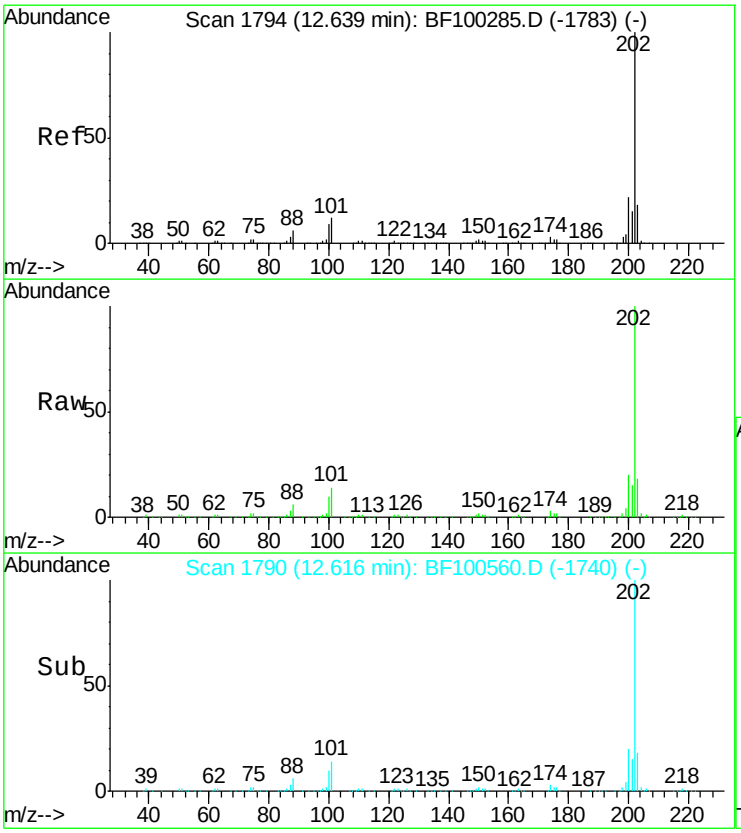
#70
Phenanthrene
Concen: 6.31 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:178 Resp: 101345

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6

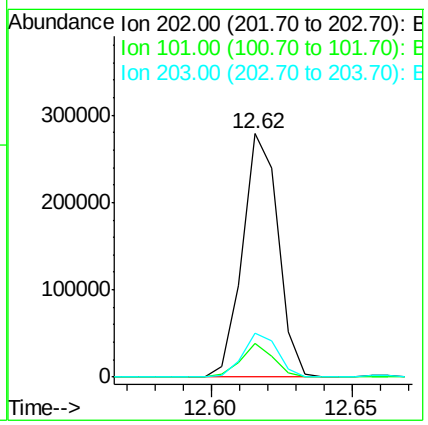


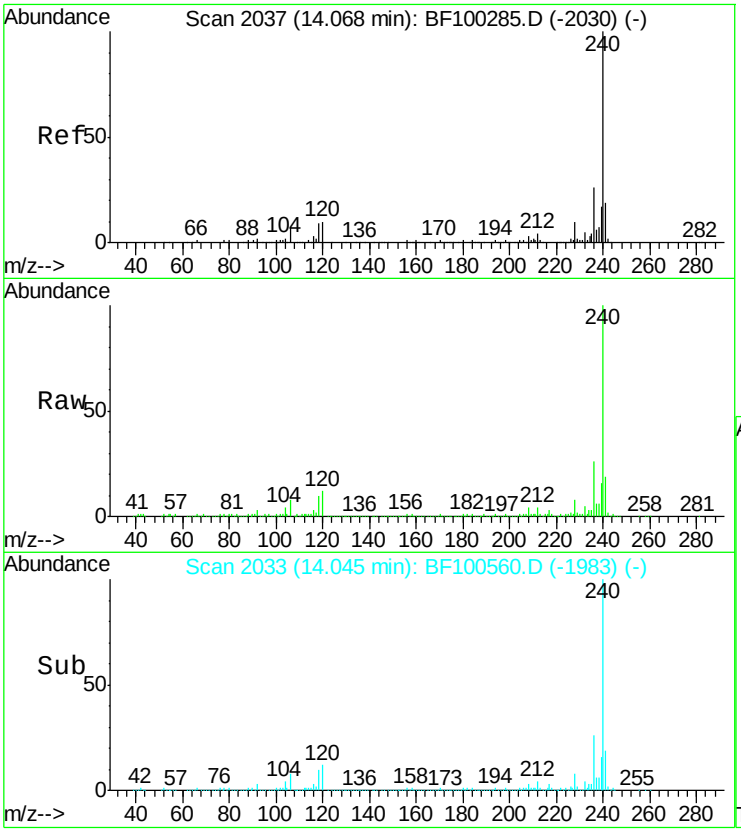


#74
Fluoranthene
Concen: 14.38 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:202 Resp: 244773

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.9	0.0	38.1



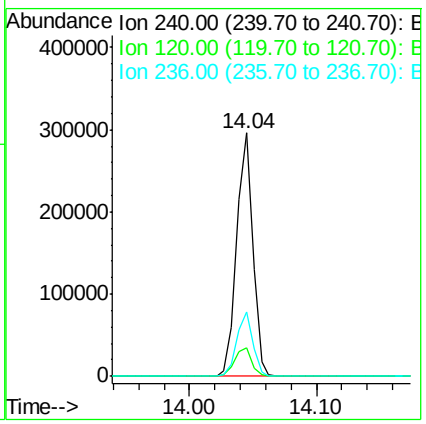


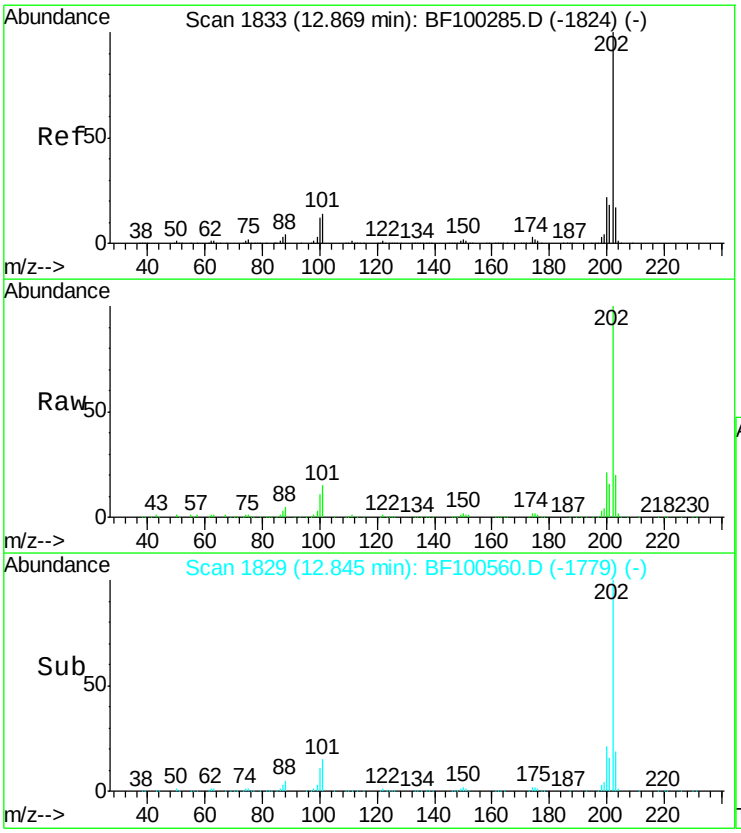
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:240 Resp: 259633

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.2	20.7	31.1

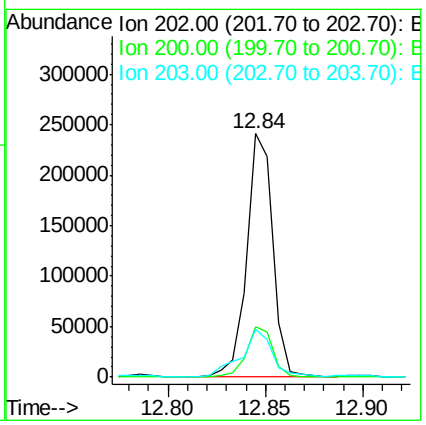


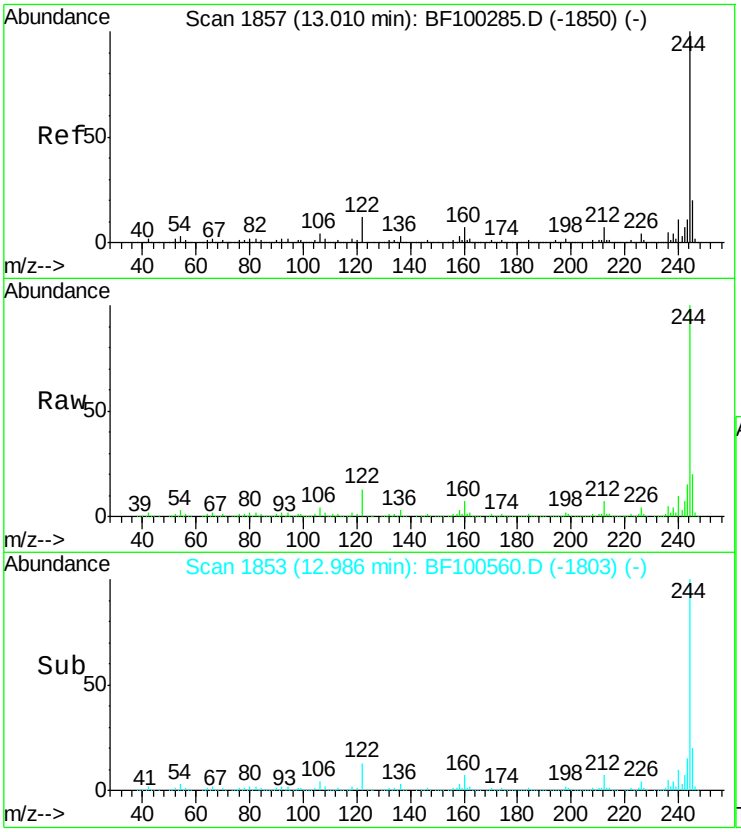


#77
Pyrene
Concen: 12.02 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:202 Resp: 222511

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.5	14.3	21.5



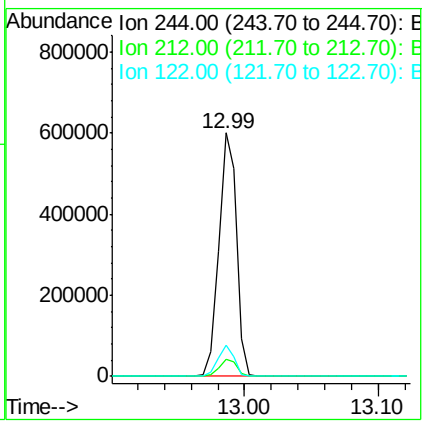


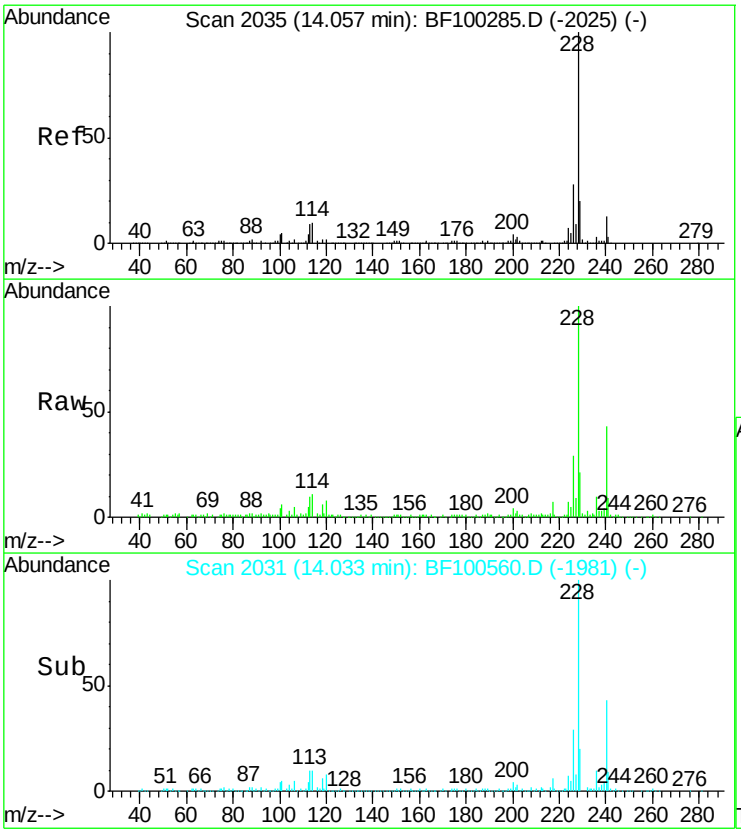
#78
Terphenyl-d14
Concen: 49.64 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:244 Resp: 560866

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4

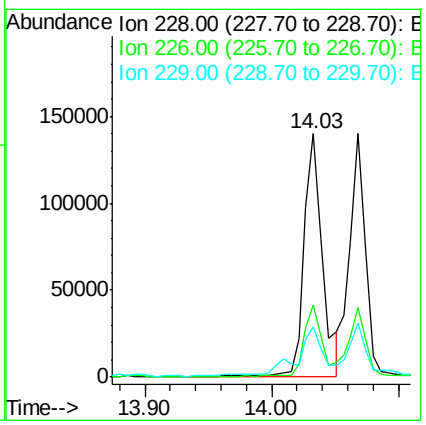


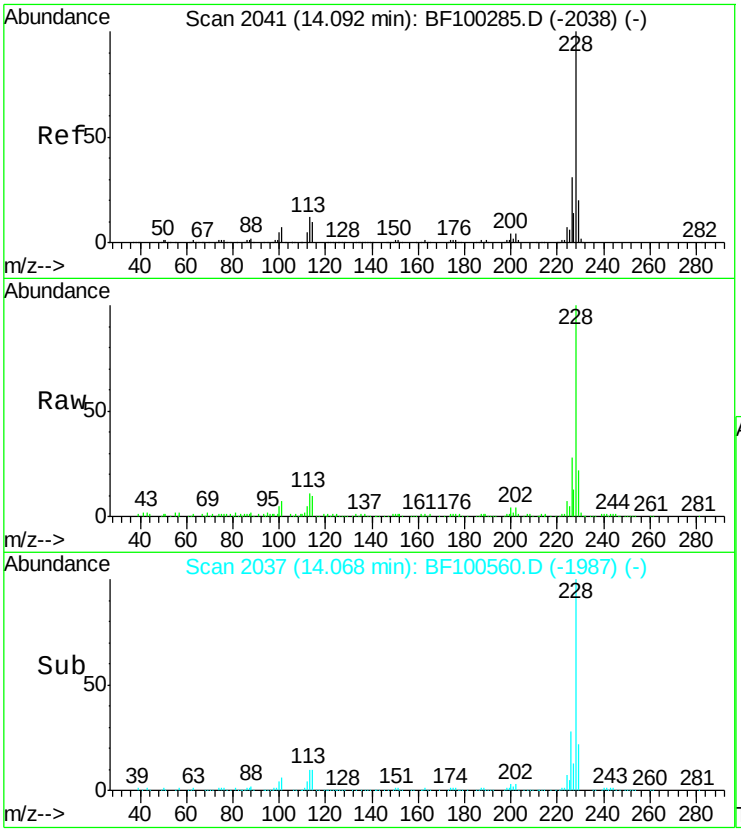


#80
Benzo(a)anthracene
Concen: 8.96 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:228 Resp: 140161

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.9	15.8	23.6



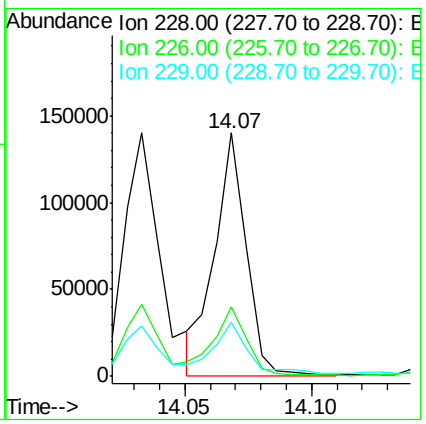


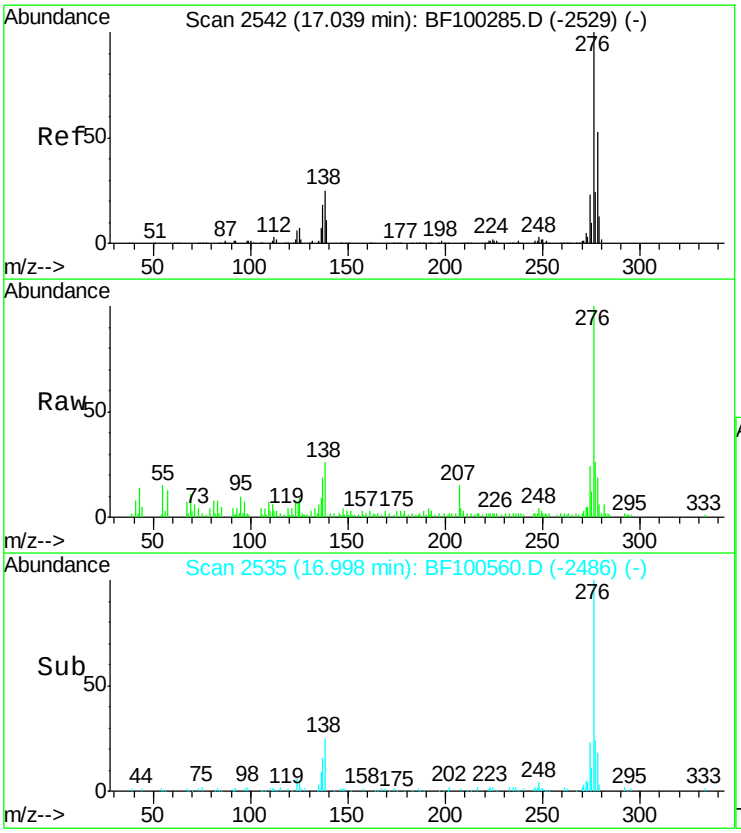
#82
Chrysene
Concen: 7.98 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:228 Resp: 120780

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	22.2	16.2	24.4

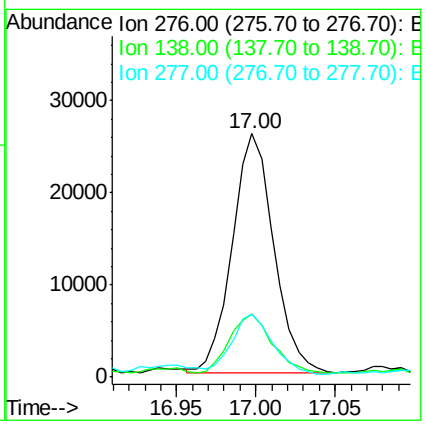


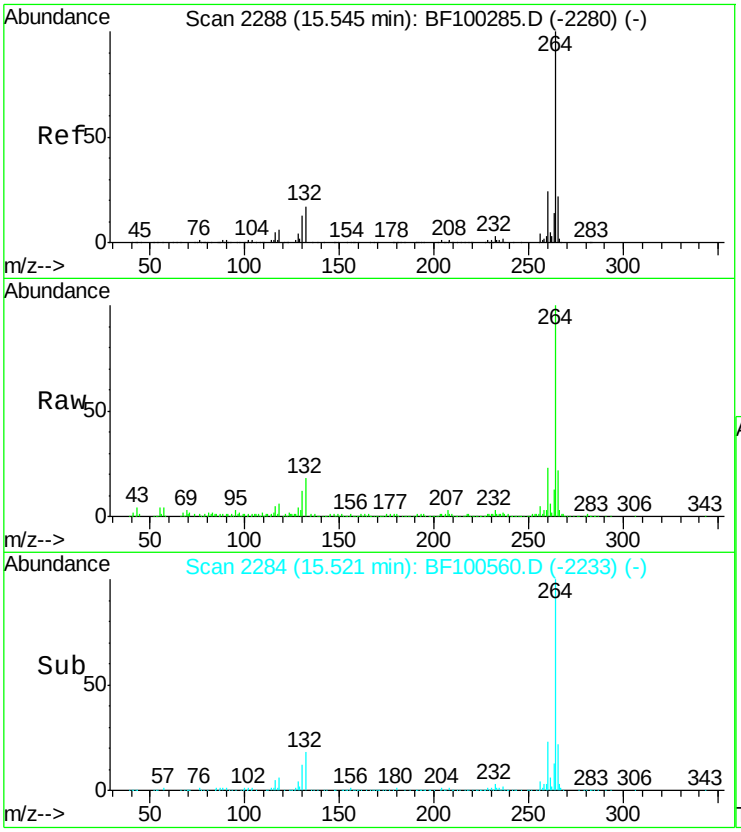


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.84 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:276 Resp: 47084

Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	24.5	20.1	30.1



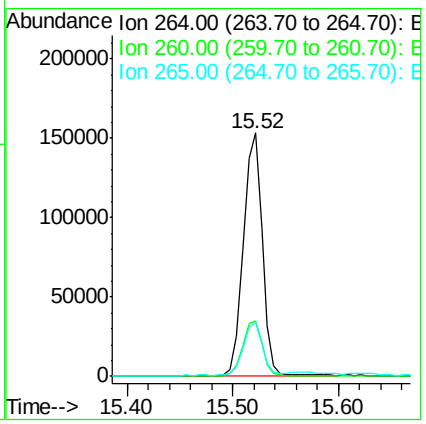


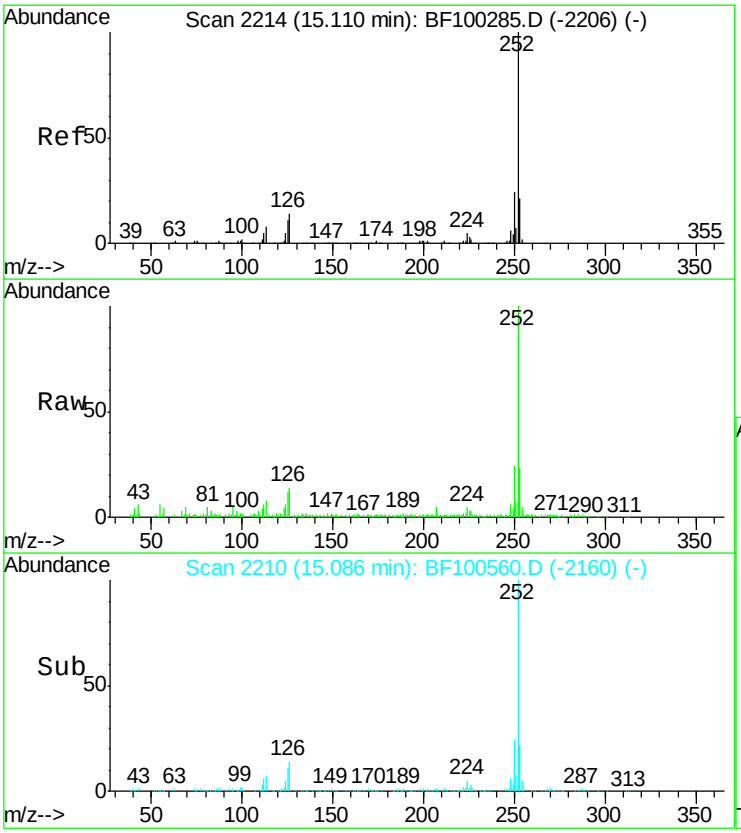
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:264 Resp: 192575

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3

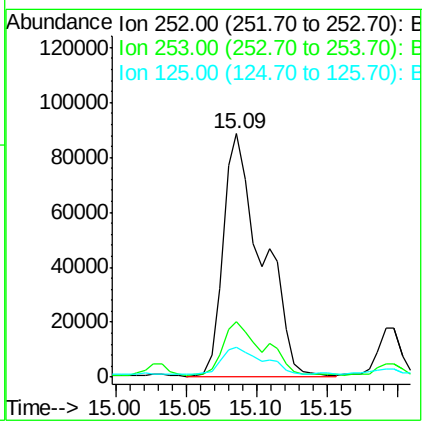


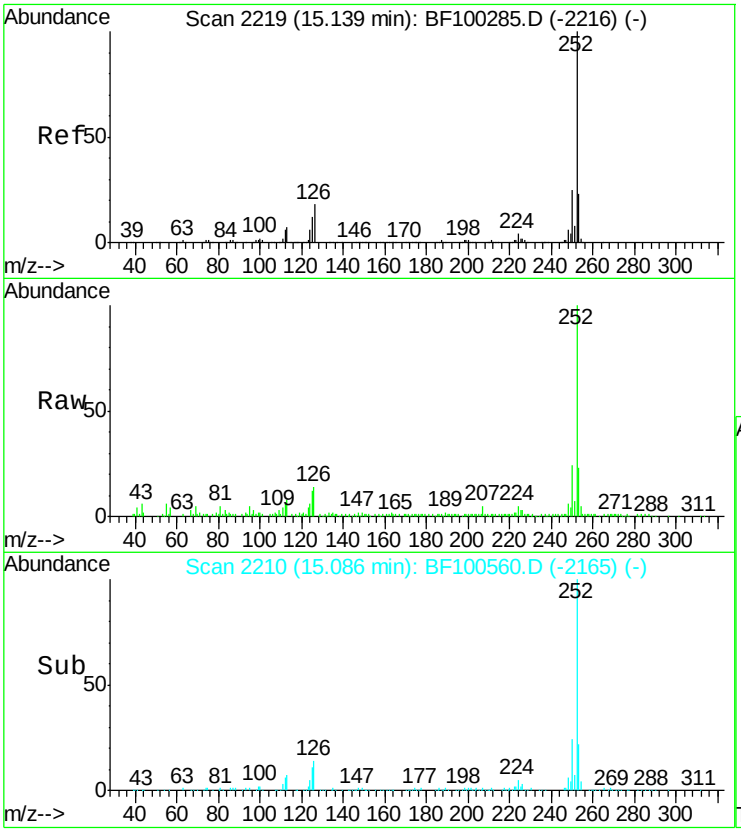


#87
Benzo(b)fluoranthene
Concen: 15.04 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:252 Resp: 171649

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.4	9.0	13.6



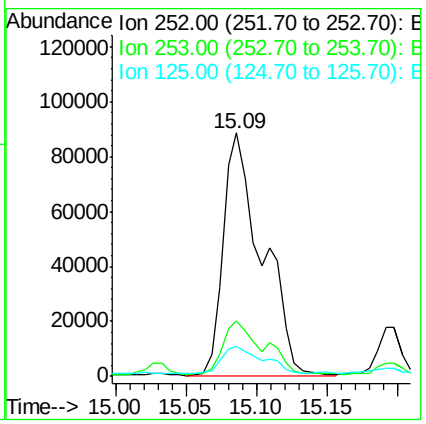


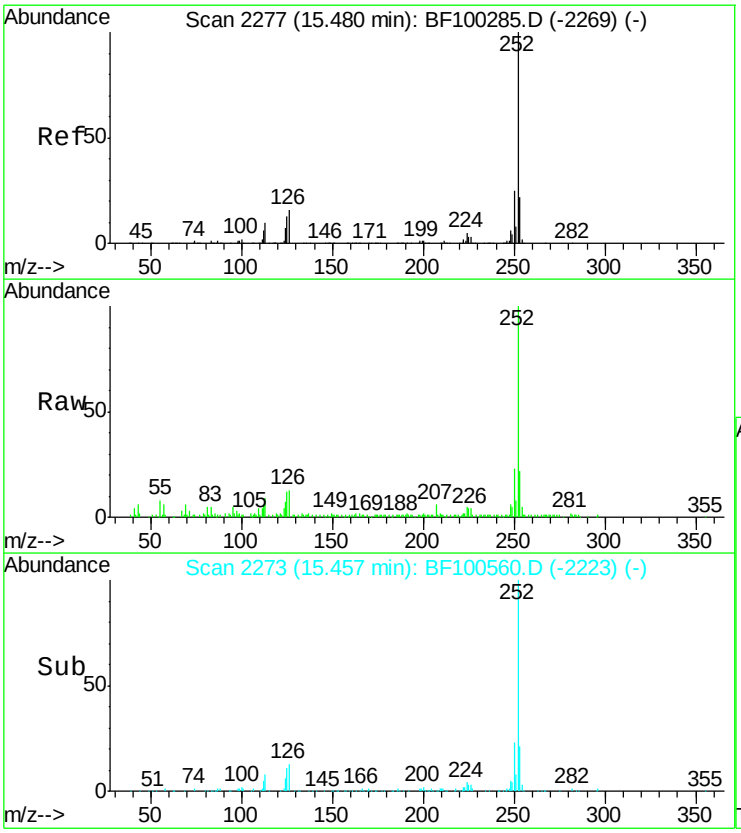
#88
Benzo(k)fluoranthene
Concen: 15.92 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:252 Resp: 171649

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.4	10.2	15.2

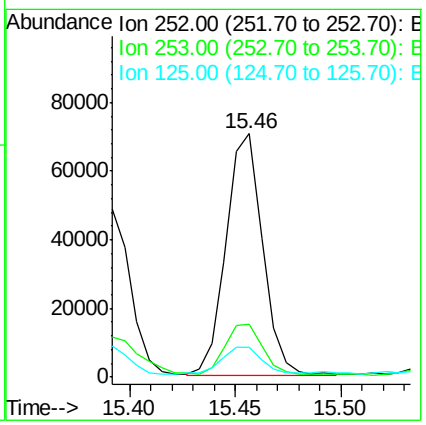


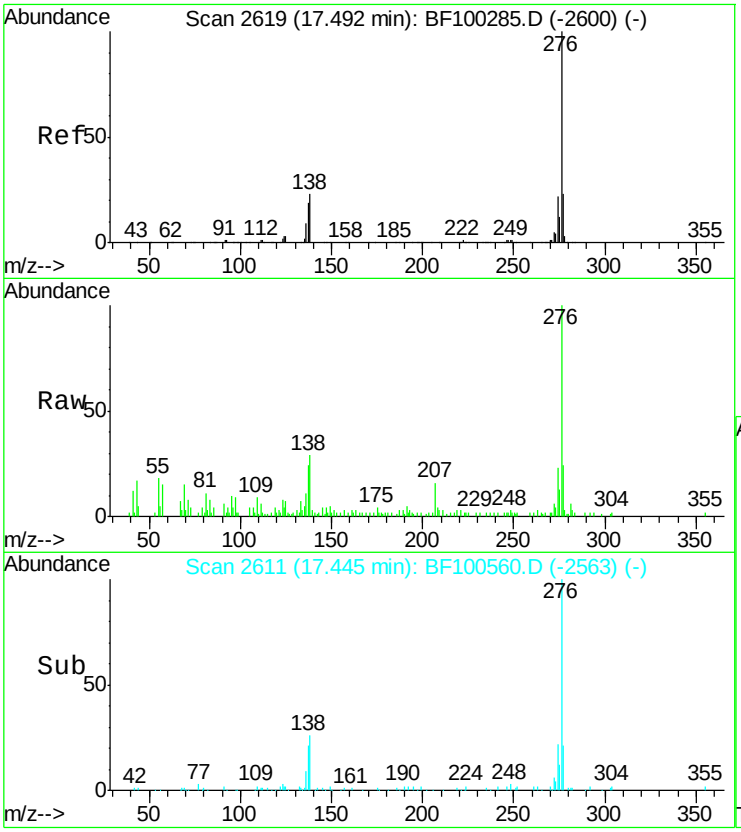


#89
Benzo(a)pyrene
Concen: 8.38 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion:252 Resp: 84796

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.97 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:276 Resp: 48341

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	28.6	21.8	32.8