Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

Quantitation Report (Not Reviewed)

Data File : BF100698.D
Acq On : 18 Nov 2017 2:25
Operator : SJ/JU
Sample : I6419-04 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEW-2-E(6-7)

Quant Time: Nov 18 03:29:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	100882	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	383614	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	154763	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	236148	20.00	ng		0.00
75) Chrysene-d12	14.04	240	224461	20.00	ng		0.00
86) Perylene-d12	15.52	264	187988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	336813	53.52	ng		0.00
7) Phenol-d6	6.50	99	399158	51.43	ng		0.00
23) Nitrobenzene-d5	7.44	82	238262	41.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	75321	47.76	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	451558	44.43	ng		0.00
78) Terphenyl-d14	12.99	244	314037	32.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	23484	2.88	ng		99
19) n-Nitroso-di-n-propylamine	7.44	70	31175	5.79	ng	#	80
25) Isophorone	7.44	82	238259	19.54	ng	#	64
47) 2-Nitroaniline	9.57	65	294	2.88	ng	#	2
49) Dimethylphthalate	9.63	163	60238	5.10	ng	#	99
57) Fluorene	10.46	166	21362	2.13	ng		98
62) Azobenzene	10.63	77	33481	3.01	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.73	198	106	8.64	ng	#	1
70) Phenanthrene	11.43	178	342502	27.55	ng		99
71) Anthracene	11.48	178	68474	5.43	ng		98
74) Fluoranthene	12.62	202	417139	31.66	ng		97
77) Pyrene	12.85	202	531203	33.20	ng		100
80) Benzo(a)anthracene	14.03	228	268335	19.85	ng		98
82) Chrysene	14.07	228	238504	18.22	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	66542	6.29	ng	#	92
87) Benzo(b)fluoranthene	15.09	252	276557	24.83	ng		97
88) Benzo(k)fluoranthene	15.09	252	276557	26.28	ng		100
89) Benzo(a)pyrene	15.46	252	152966	15.49	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	18355	2.27	ng	#	81
91) Benzo(g,h,i)perylene	17.45	276	71228	9.01	ng		96

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

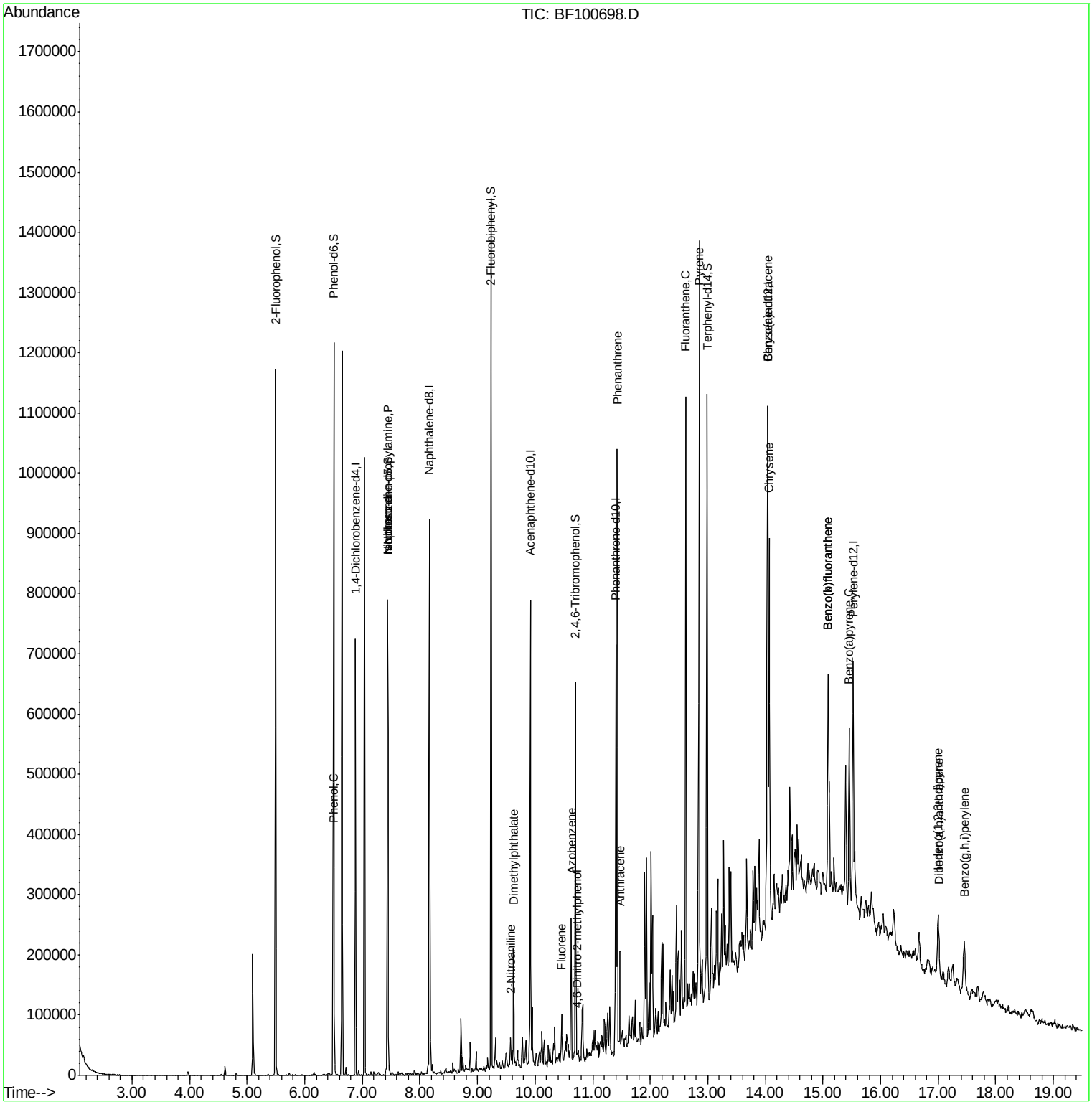
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111717\

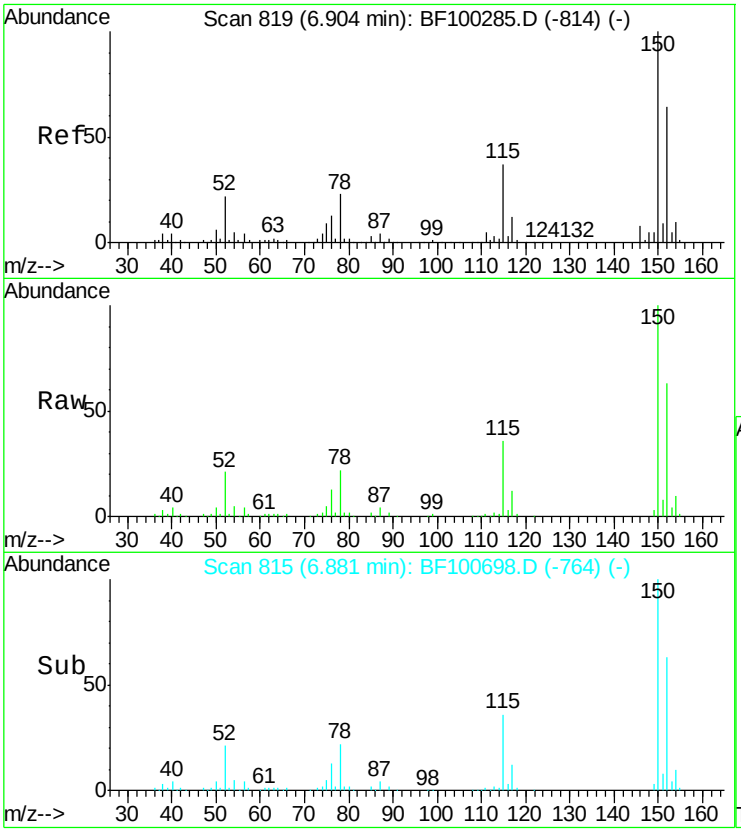
Quantitation Report (Not Reviewed)

Data File : BF100698.D
Acq On : 18 Nov 2017 2:25
Operator : SJ/JU
Sample : I6419-04 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Quant Time: Nov 18 03:29:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



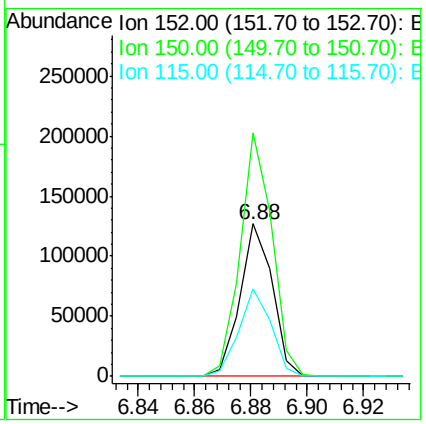


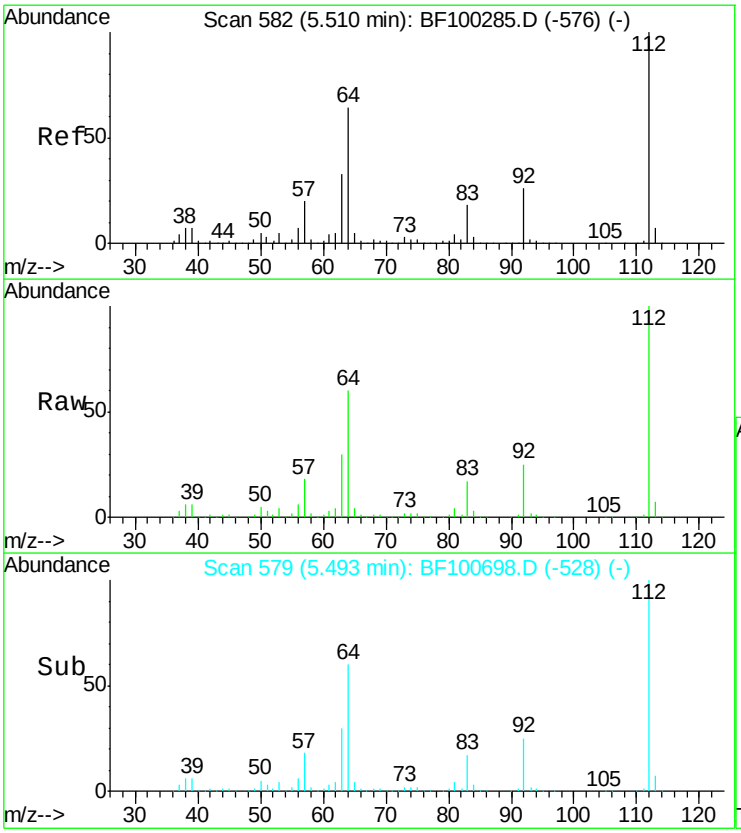
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:152 Resp: 100882

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	57.7	50.1	75.1

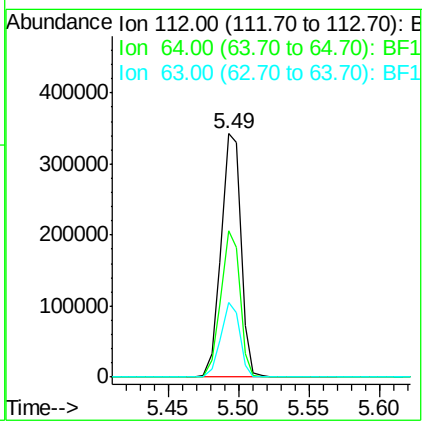


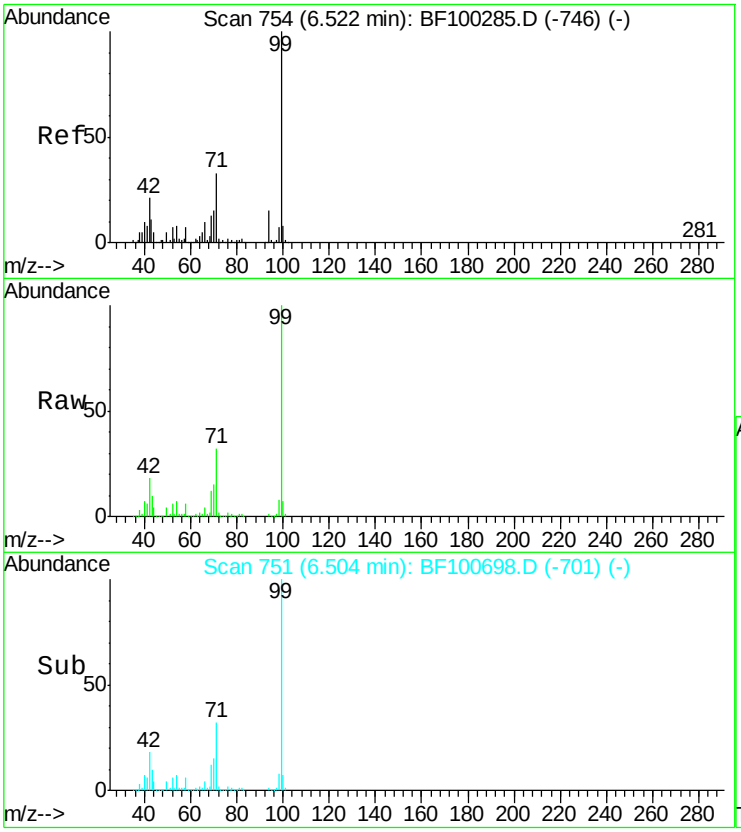


#5
2-Fluorophenol
Concen: 53.52 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:112 Resp: 336813

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.5	23.7	35.5



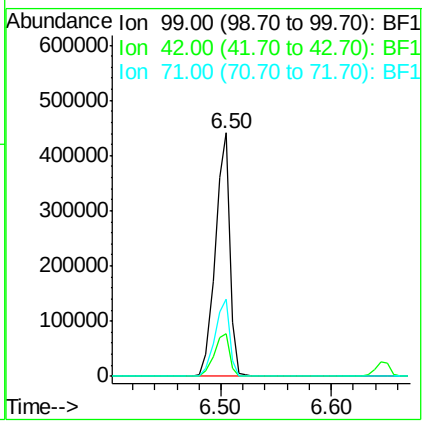


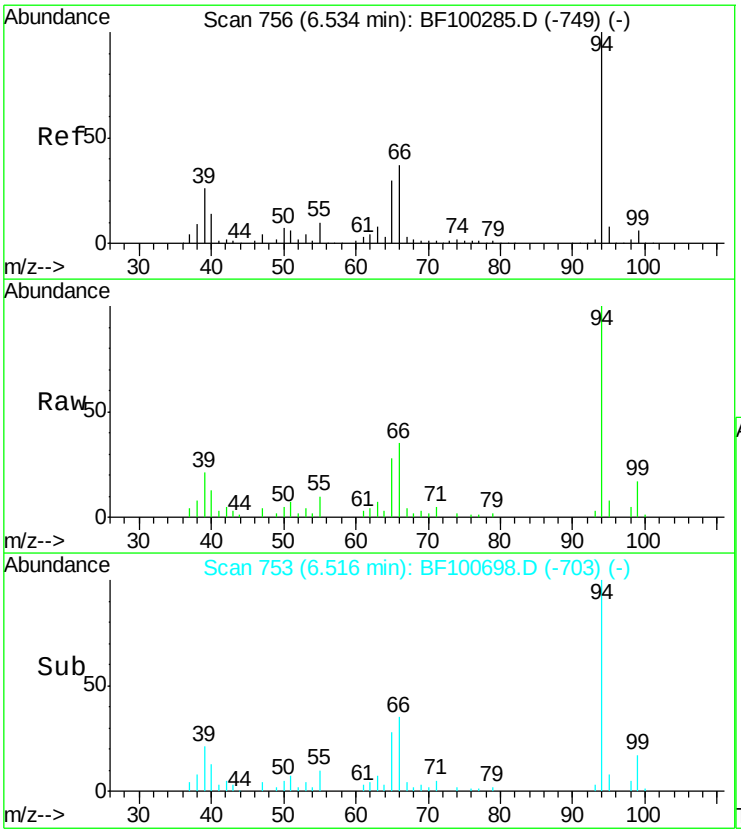
#7
Phenol-d6
Concen: 51.43 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion: 99 Resp: 399158

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	31.6	25.4	38.0

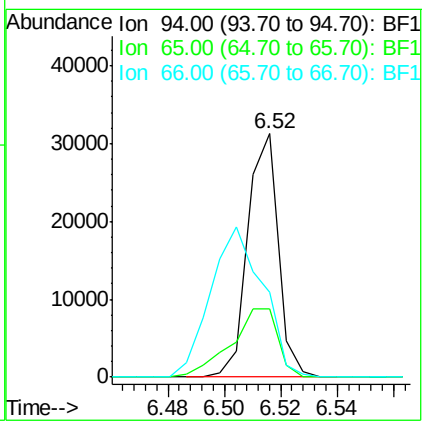


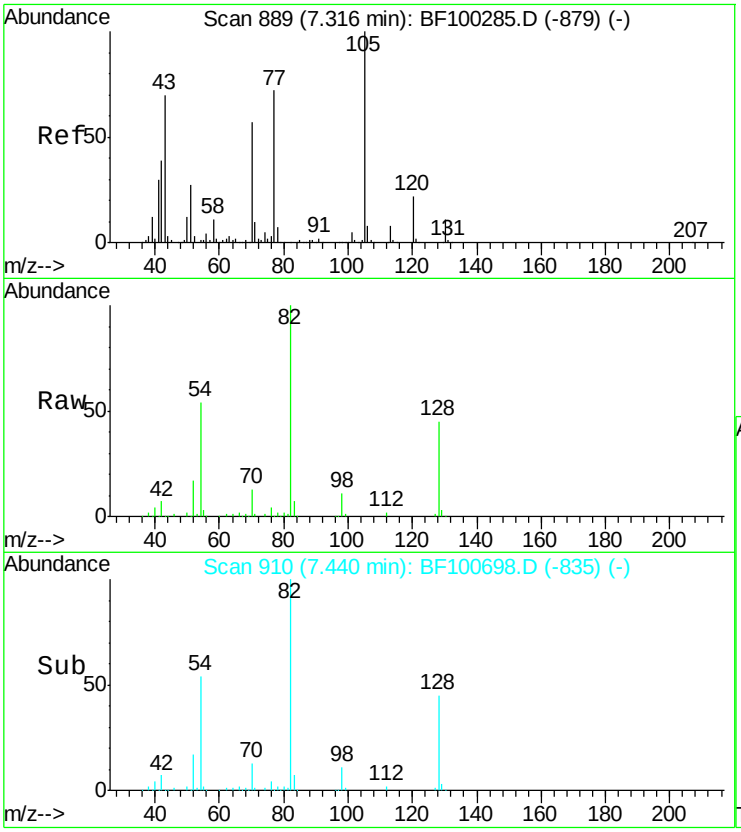


#10
Phenol
Concen: 2.88 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion: 94 Resp: 23484

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	34.7	16.2	56.2



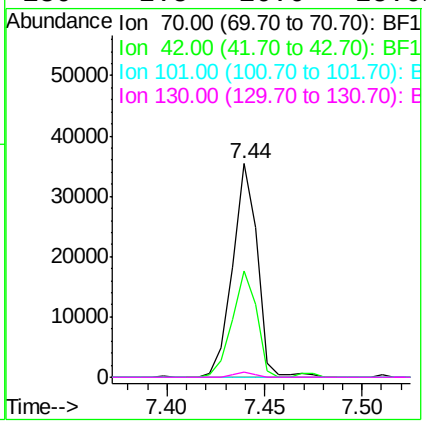


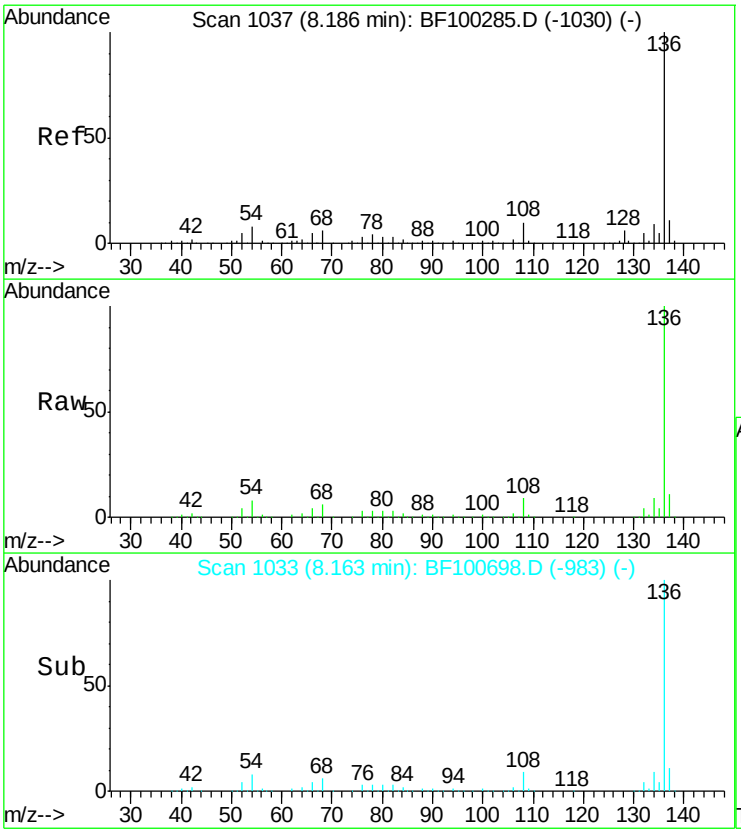
#19
n-Nitroso-di-n-propylamine
Concen: 5.79 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion: 70 Resp: 31175

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

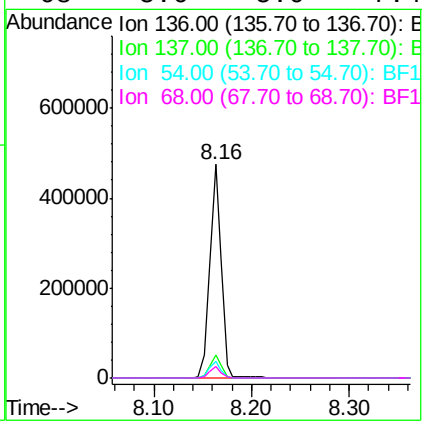


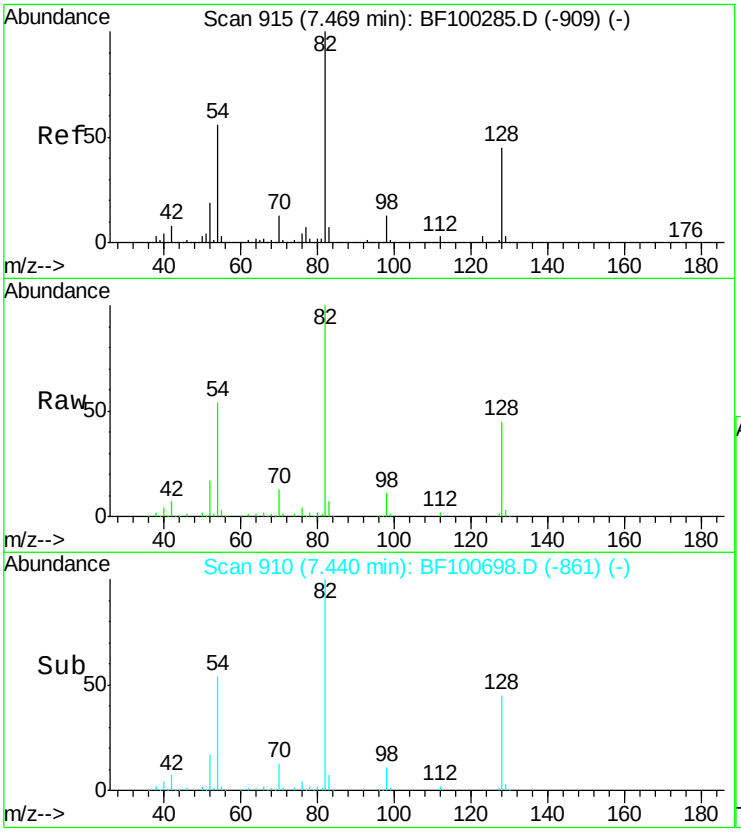


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:136 Resp: 383614

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	5.6	5.0	7.4



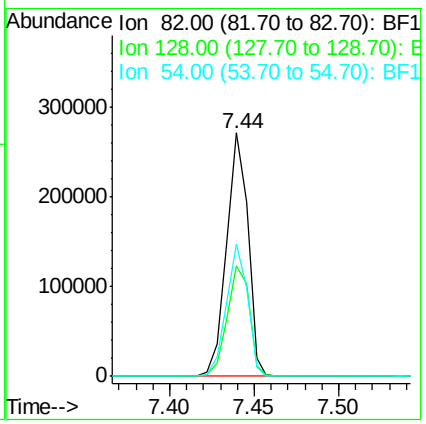


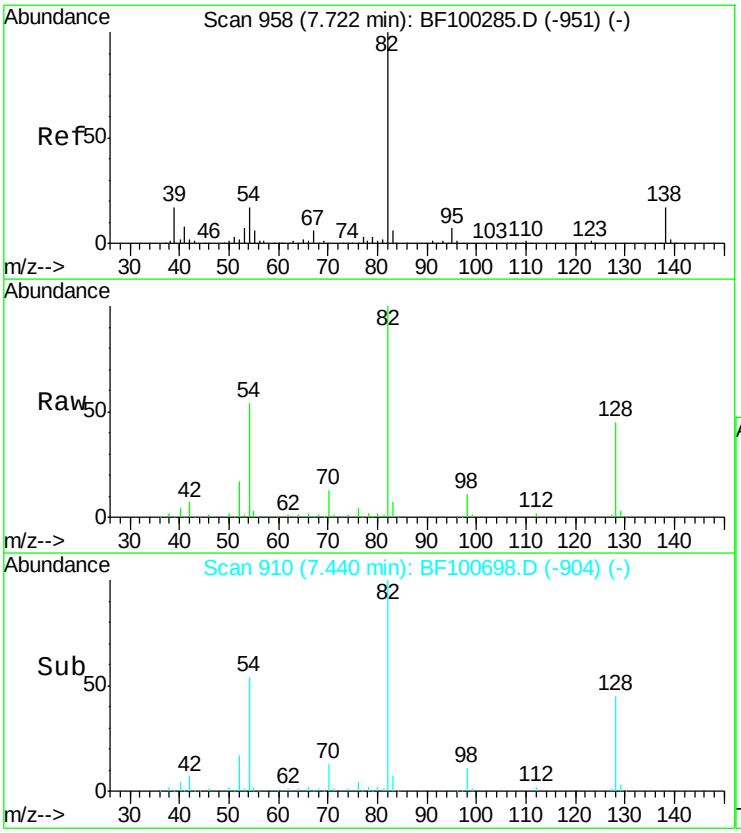
#23
Nitrobenzene-d5
Concen: 41.06 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion: 82 Resp: 238262

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.1	41.4	62.2

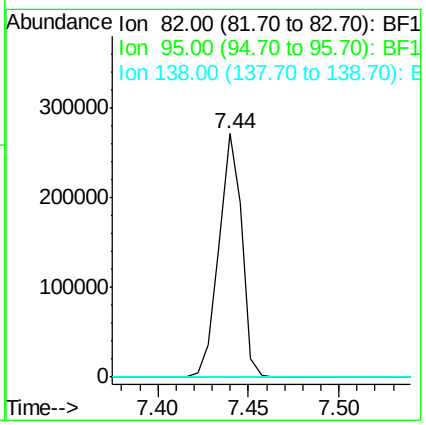


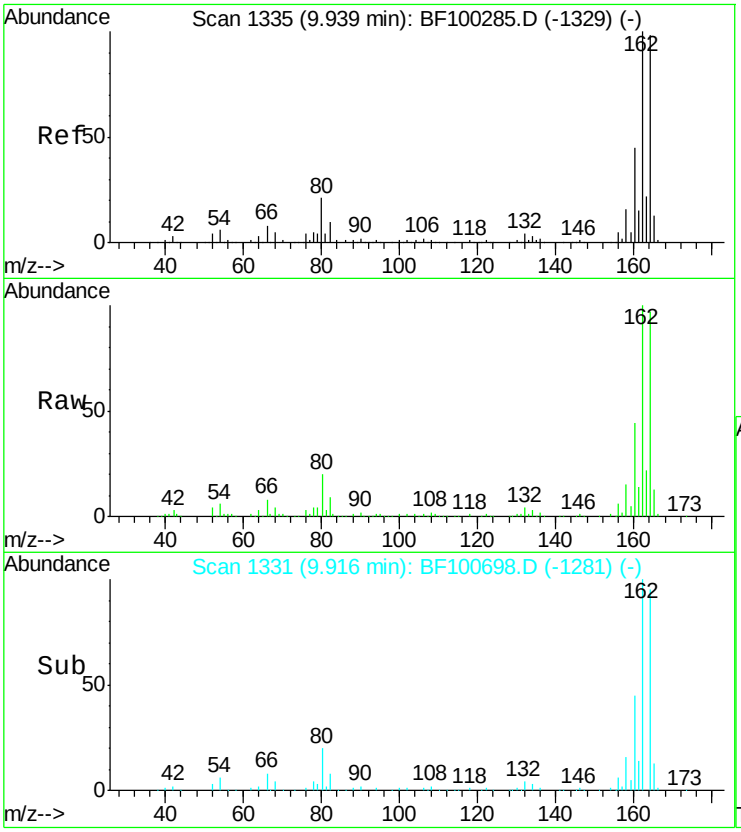


#25
Isophorone
Concen: 19.54 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion: 82 Resp: 238259

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



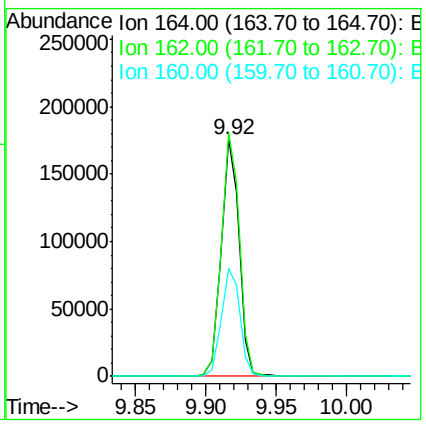


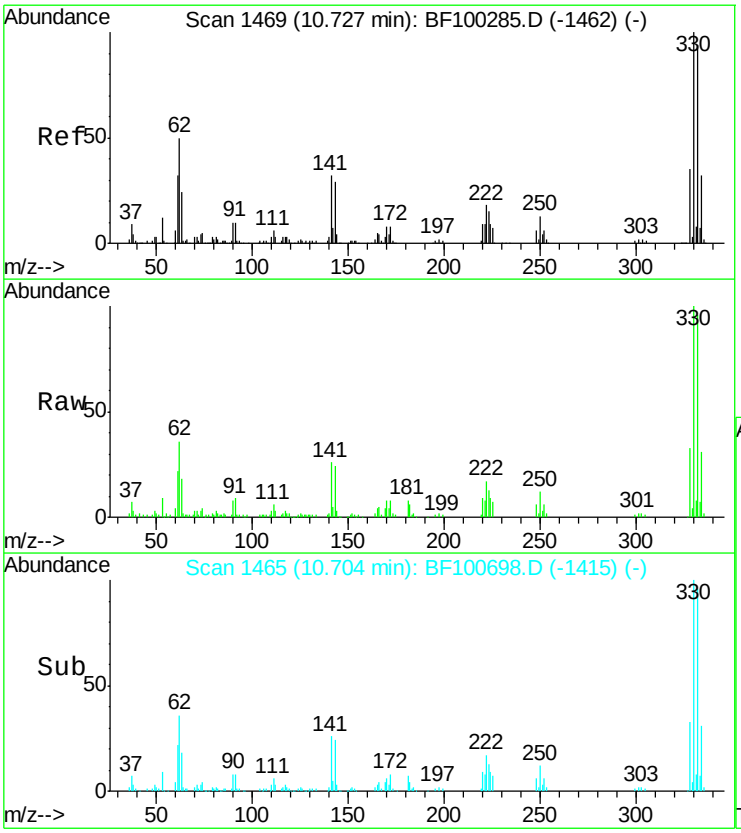
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:164 Resp: 154763

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.6	38.3	57.5

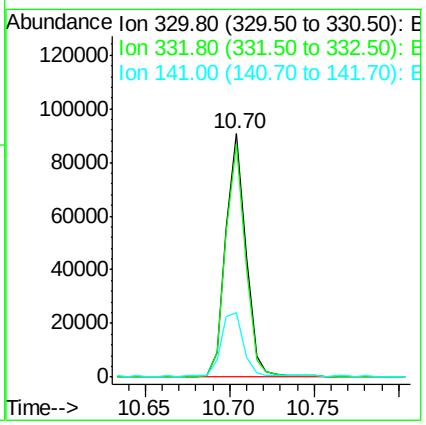


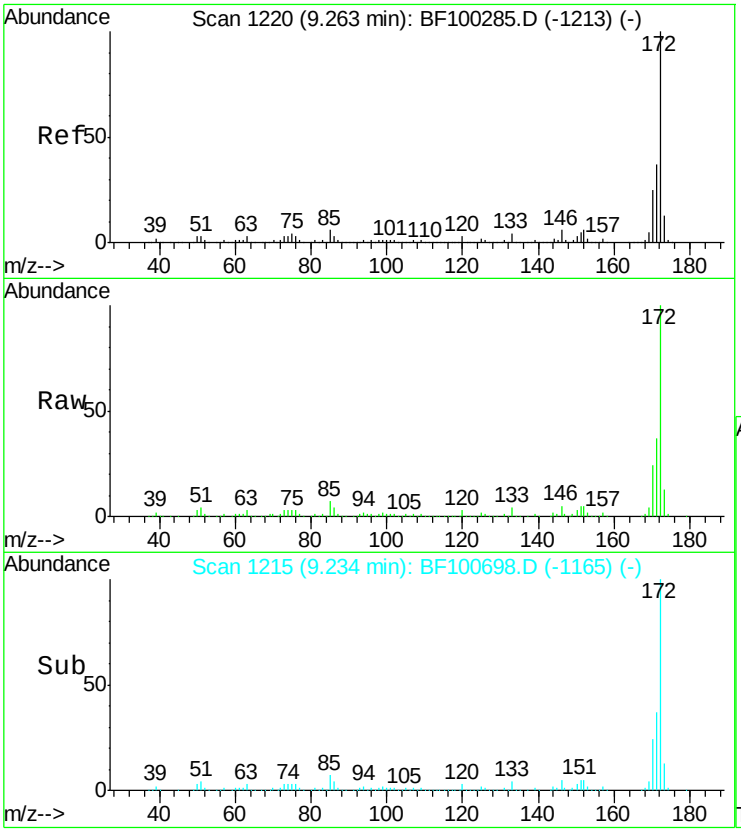


#41
2,4,6-Tribromophenol
Concen: 47.76 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:330 Resp: 75321

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	30.6	29.9	44.9



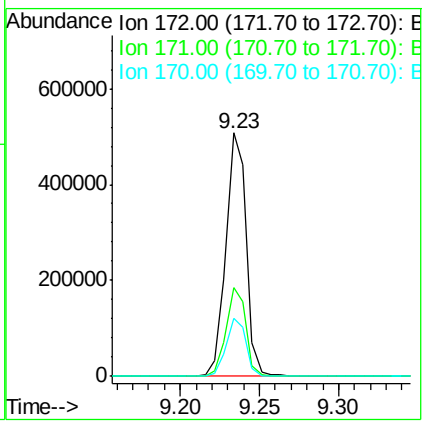


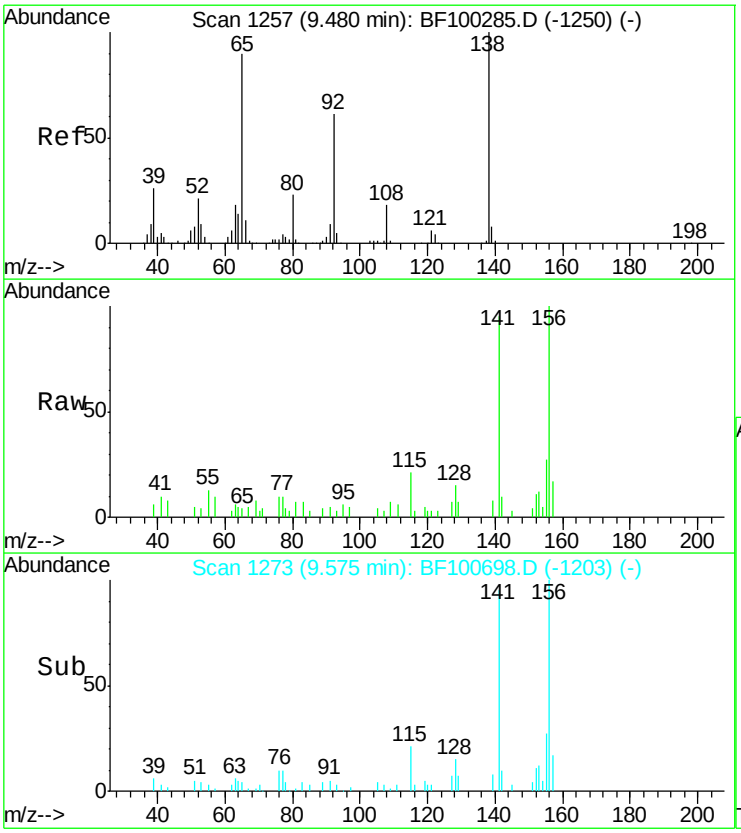
#44
2-Fluorobiphenyl
Concen: 44.43 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:172 Resp: 451558

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.6	19.6	29.4

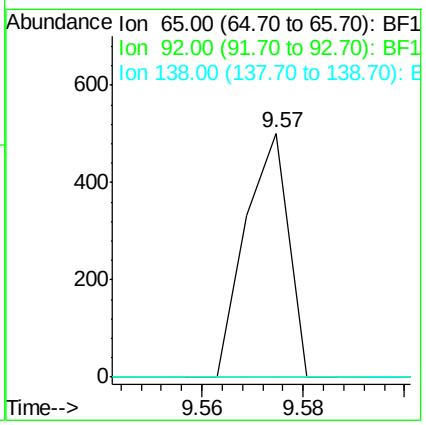


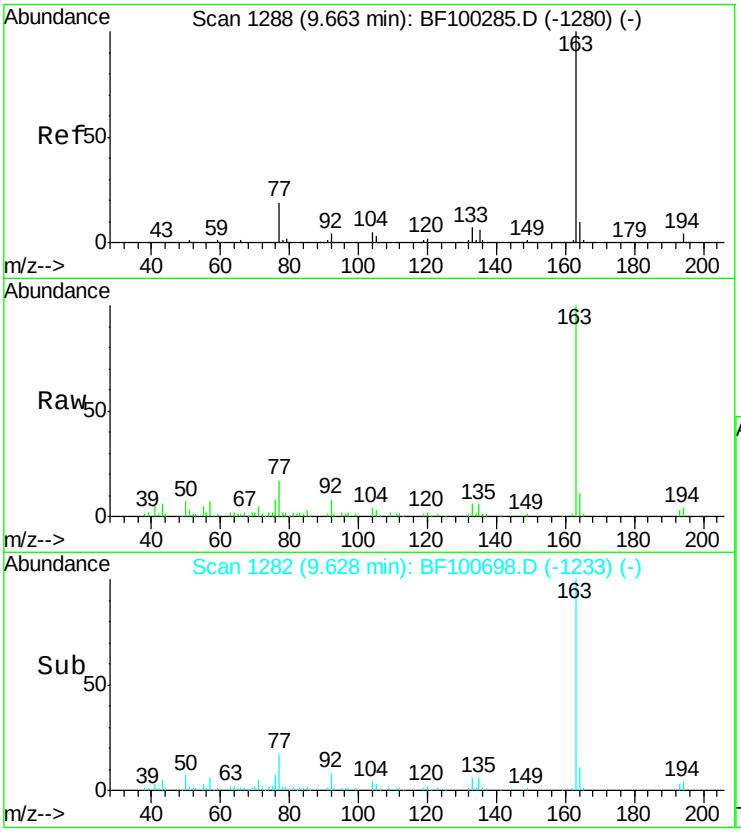


#47
2-Nitroaniline
Concen: 2.88 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.11 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion: 65 Resp: 294

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



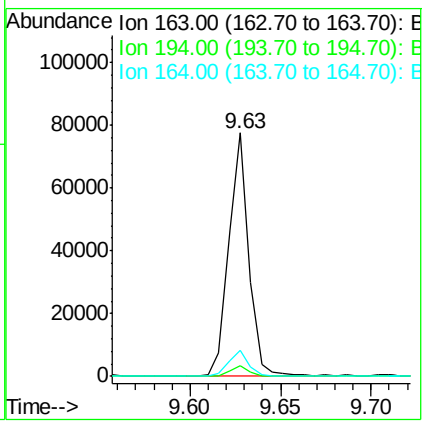


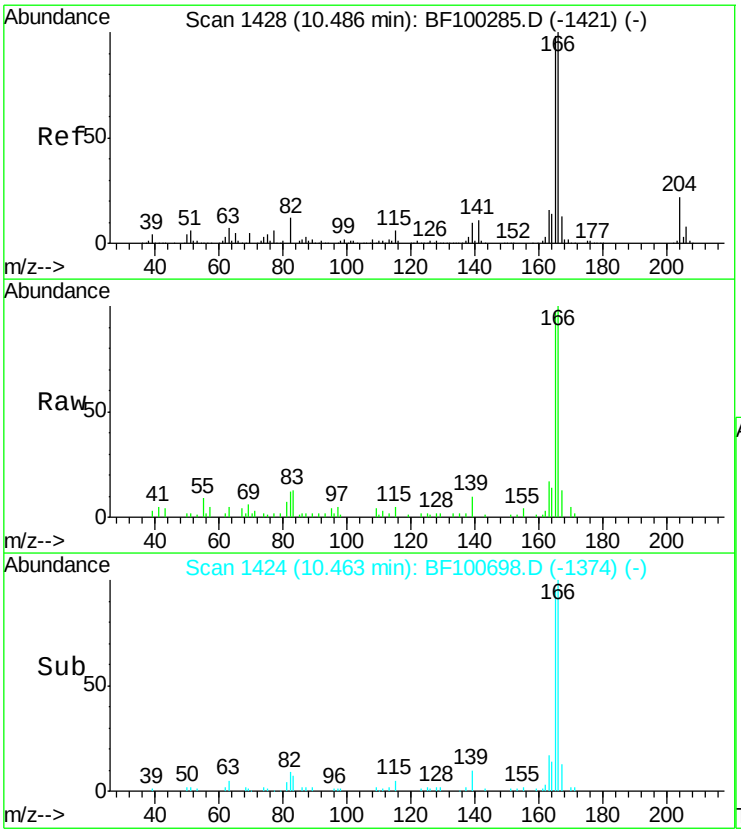
#49
Dimethylphthalate
Concen: 5.10 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:163 Resp: 60238

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2

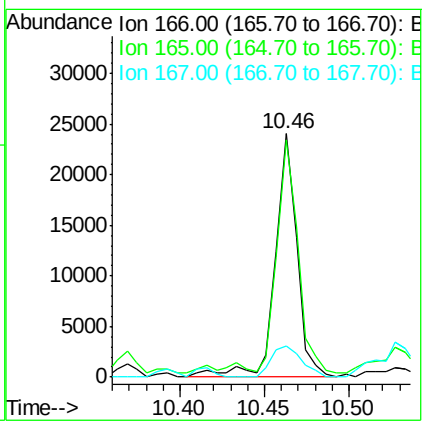


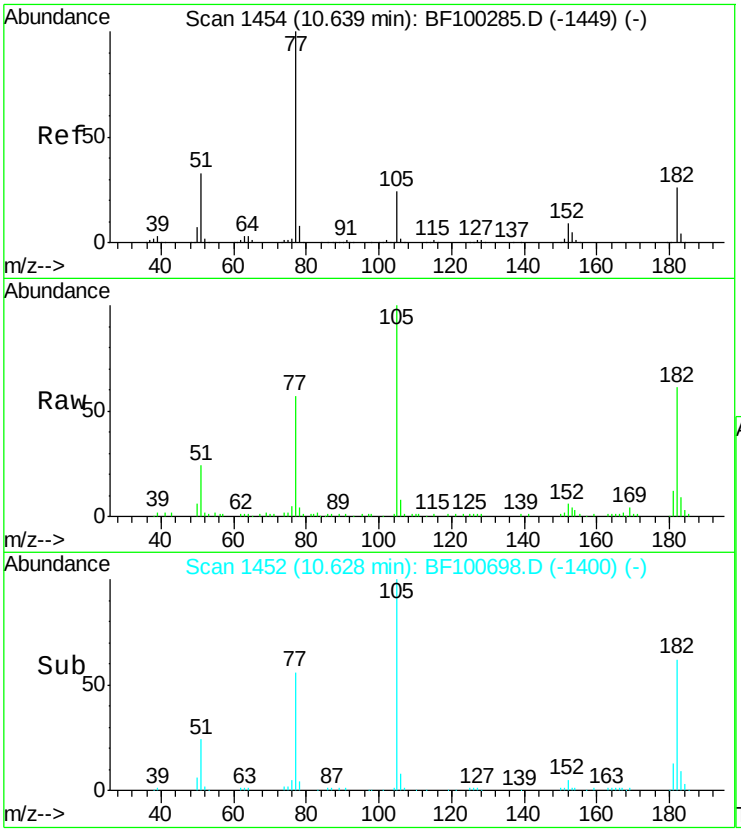


#57
Fluorene
Concen: 2.13 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:166 Resp: 21362

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	12.7	10.6	16.0



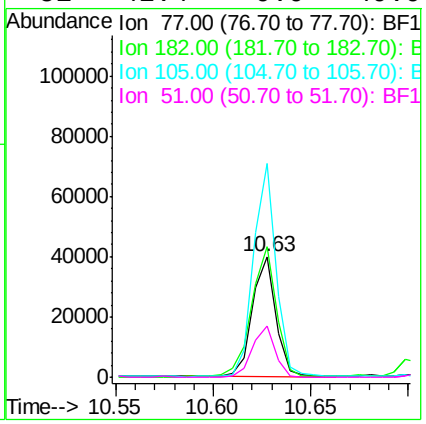


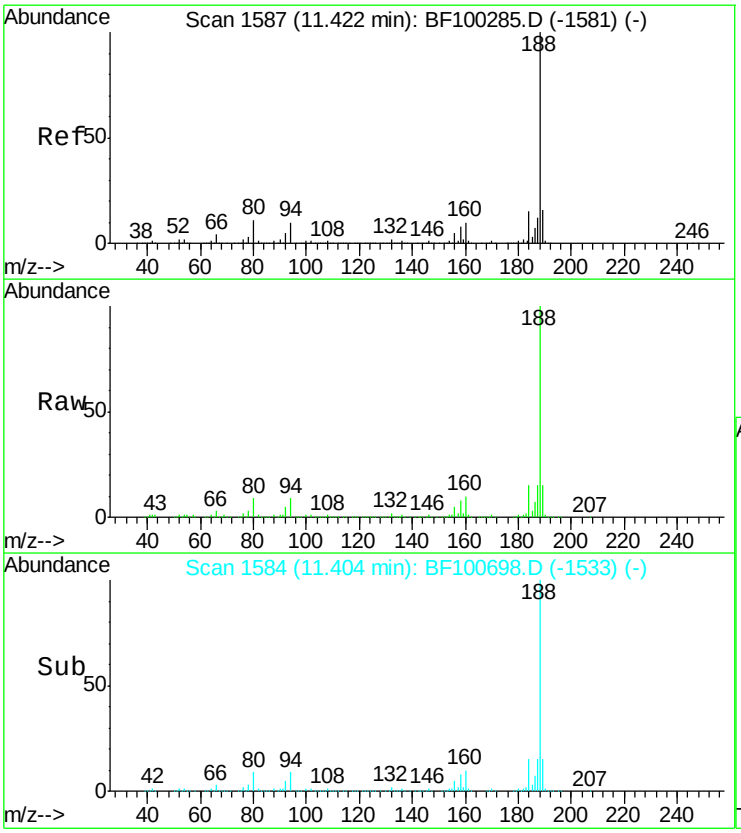
#62
Azobenzene
Concen: 3.01 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion: 77 Resp: 33481

Ion	Ratio	Lower	Upper
77	100		
182	108.6	1.7	41.7#
105	176.7	3.0	43.0#
51	42.4	9.9	49.9

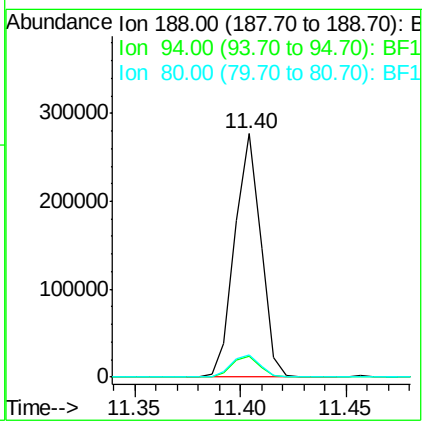


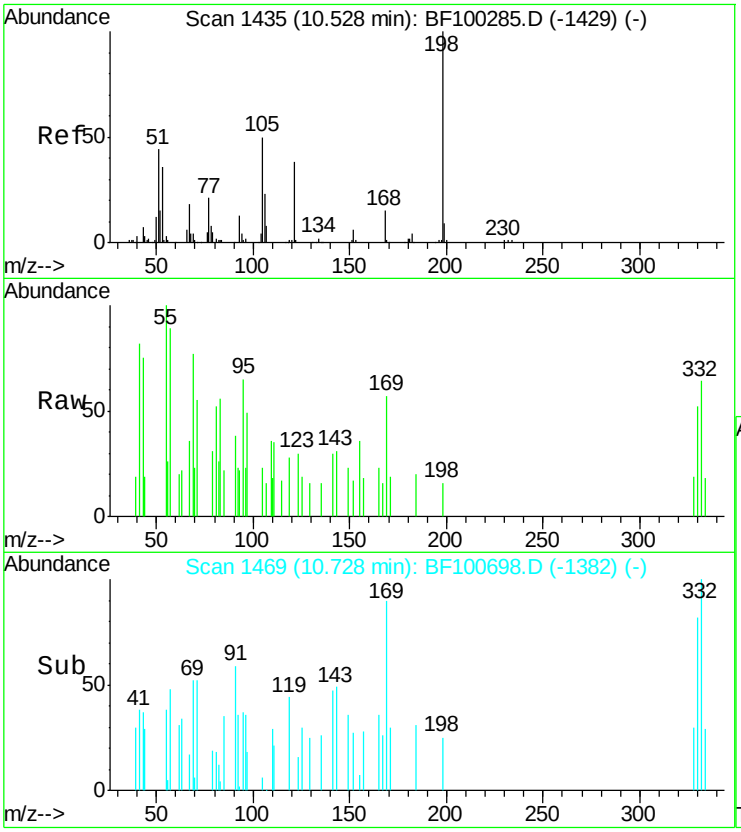


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:188 Resp: 236148

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.3	9.2	13.8



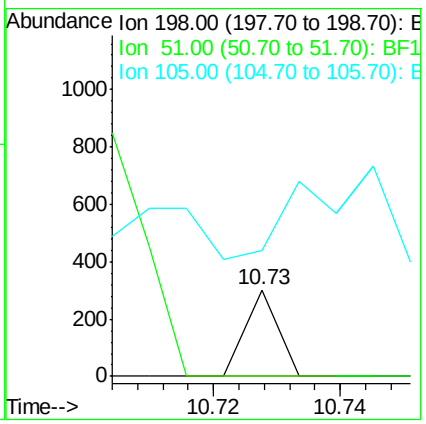


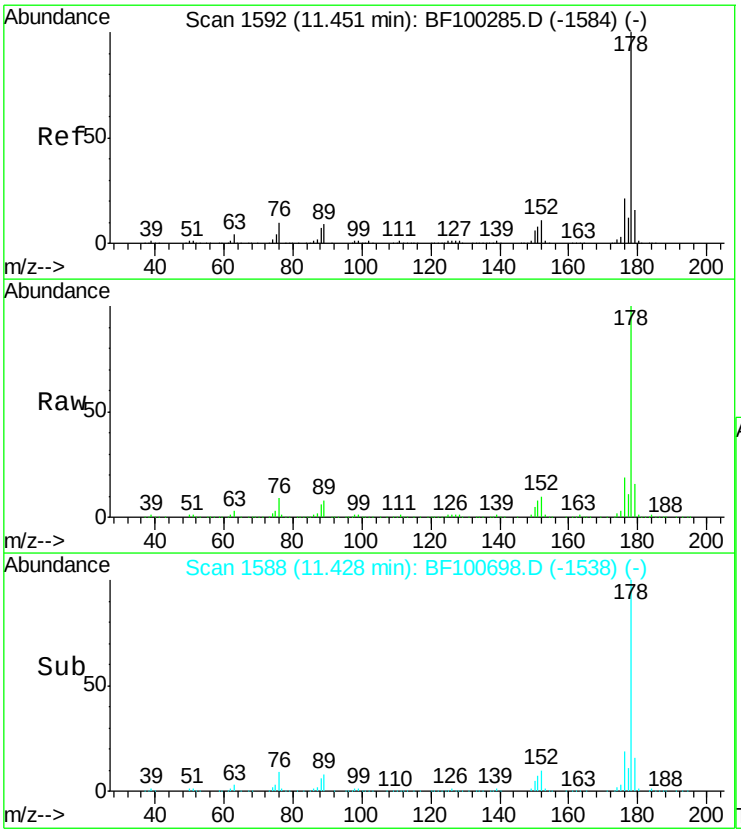
#64
4,6-Dinitro-2-methylphenol
Concen: 8.64 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:198 Resp: 106

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	145.8	36.3	76.3#

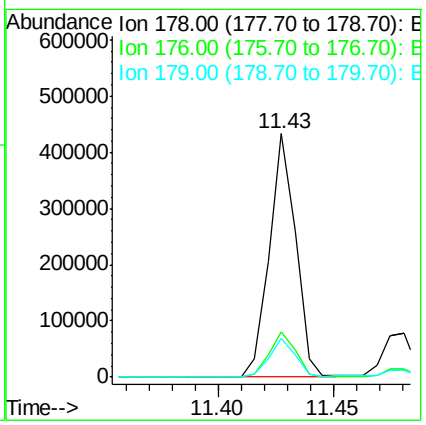


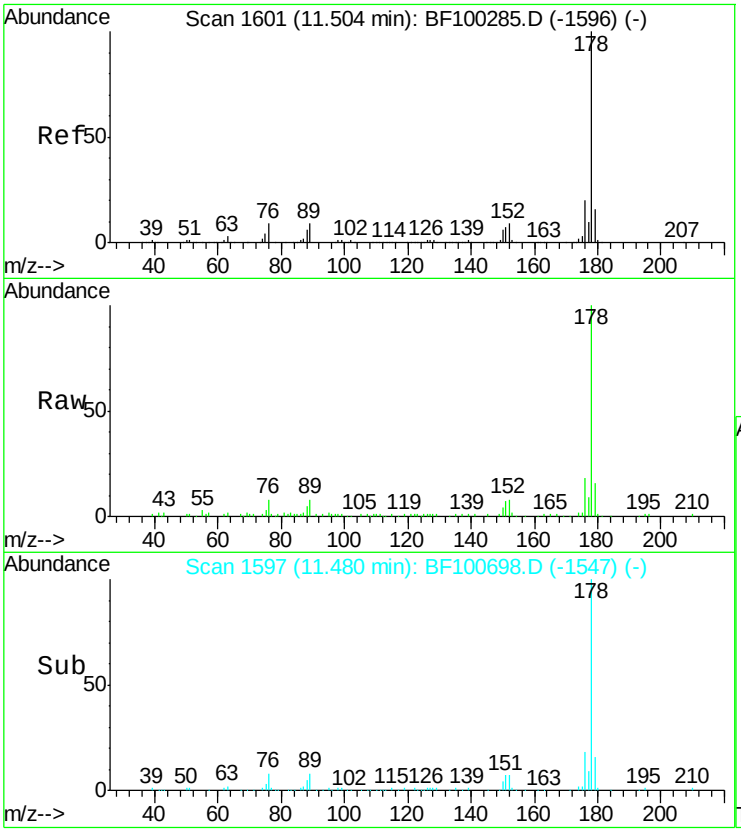


#70
Phenanthrene
Concen: 27.55 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:178 Resp: 342502

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.2	13.0	19.6



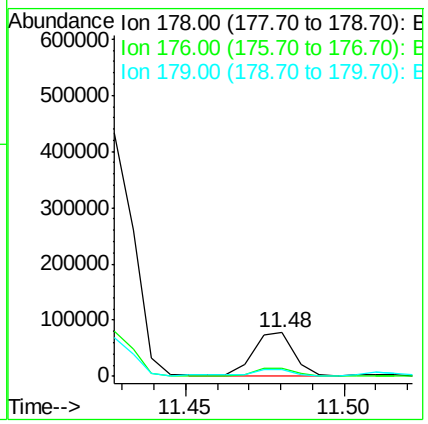


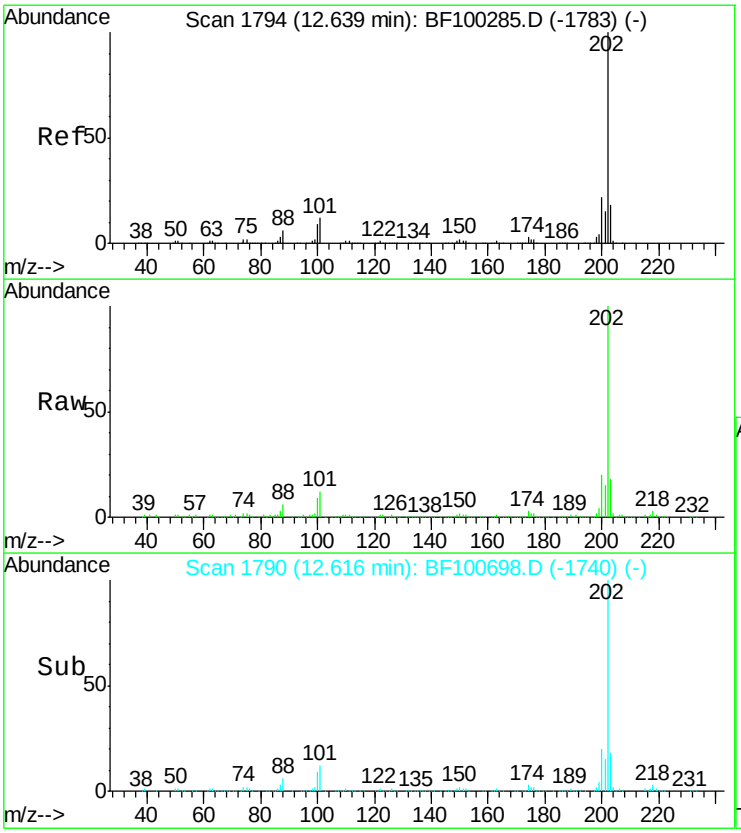
#71
Anthracene
Concen: 5.43 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:178 Resp: 68474

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	16.3	12.6	19.0

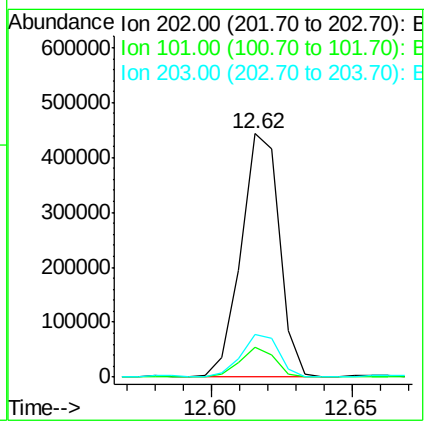


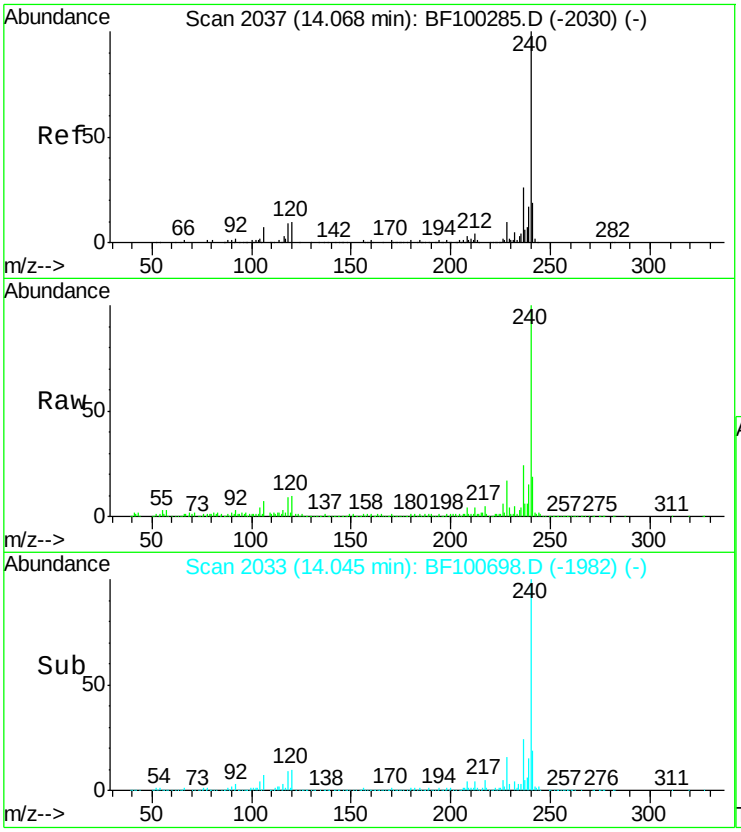


#74
Fluoranthene
Concen: 31.66 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:202 Resp: 417139

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.7	0.0	38.1



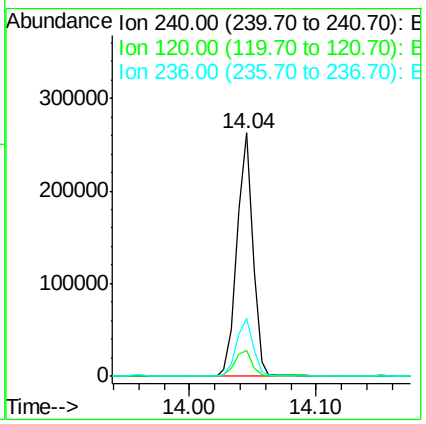


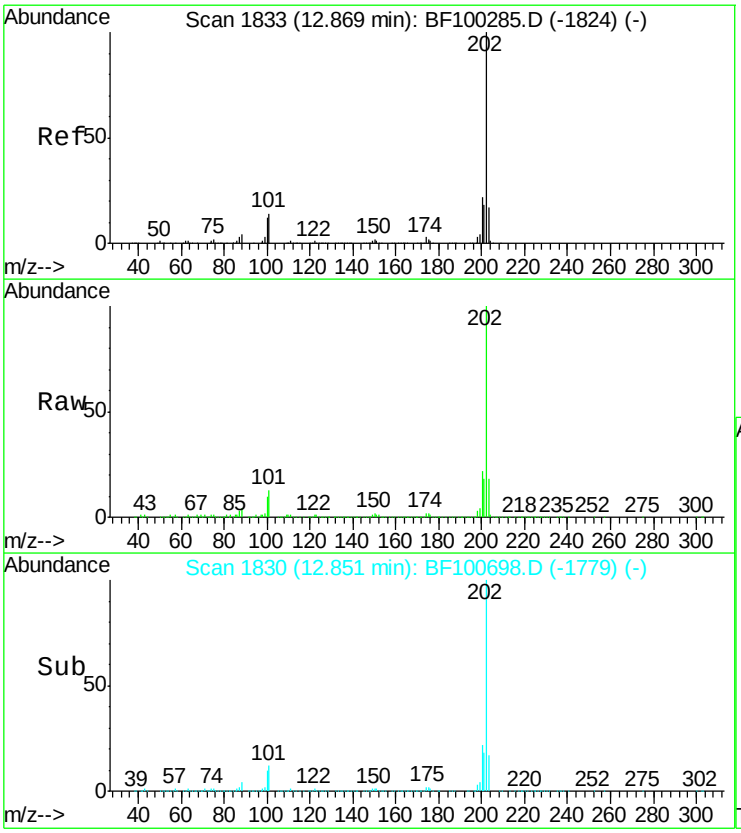
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:240 Resp: 224461

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	23.9	20.7	31.1

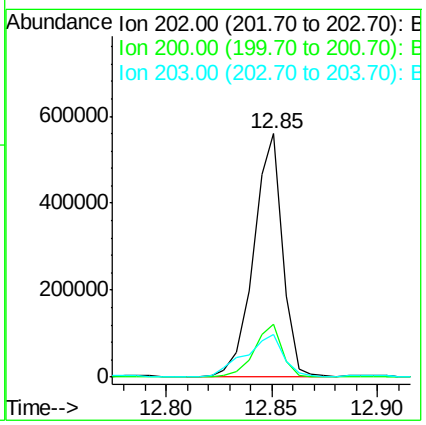


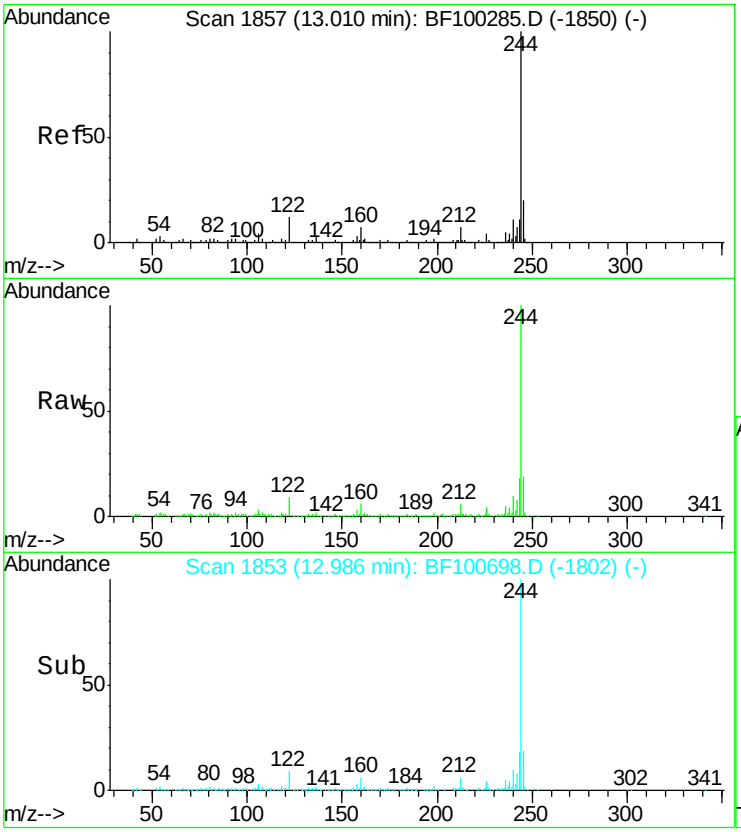


#77
Pyrene
Concen: 33.20 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:202 Resp: 531203

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5



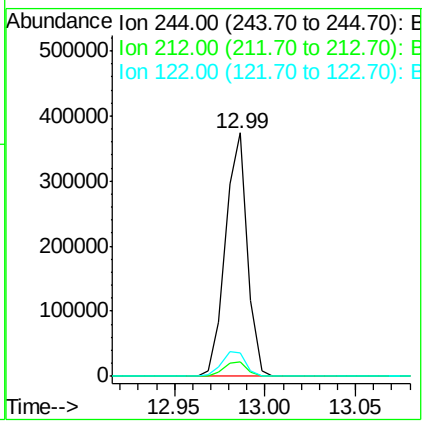


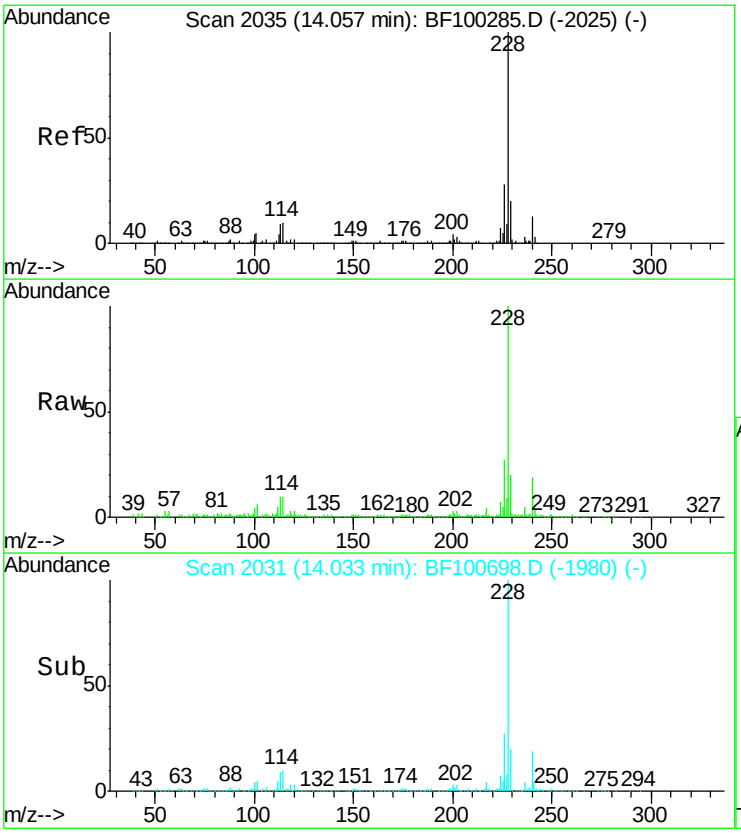
#78
Terphenyl-d14
Concen: 32.15 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:244 Resp: 314037

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	9.5	11.0	16.4#

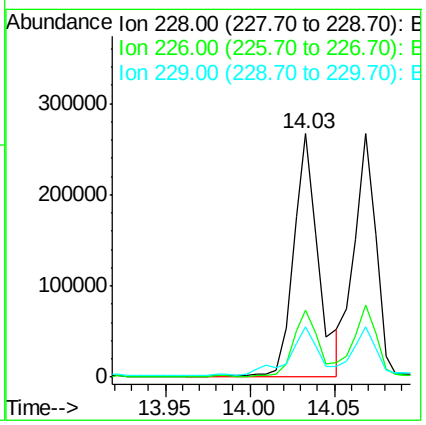


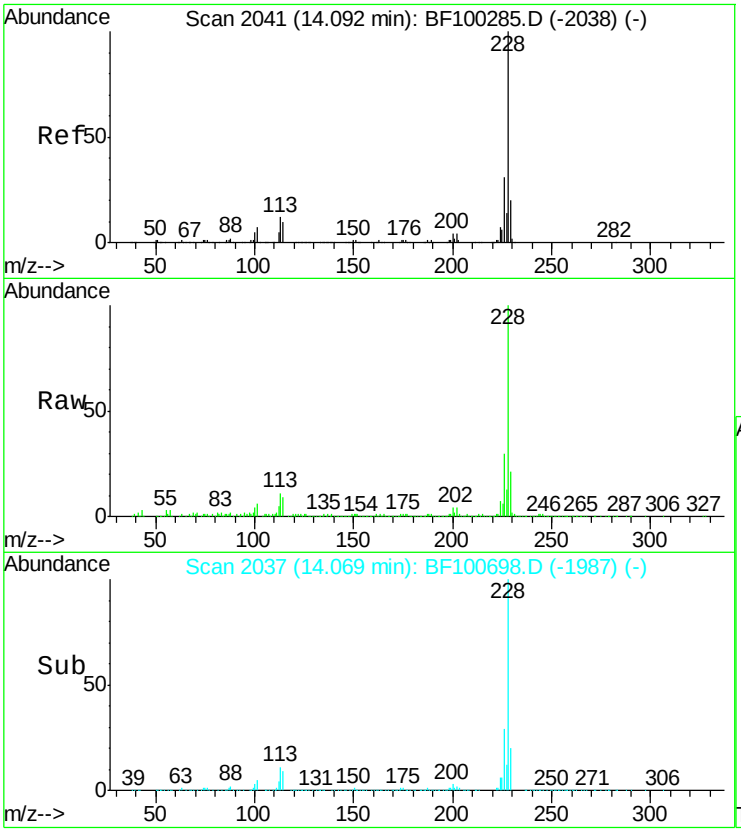


#80
Benzo(a)anthracene
Concen: 19.85 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:228 Resp: 268335

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.5	15.8	23.6



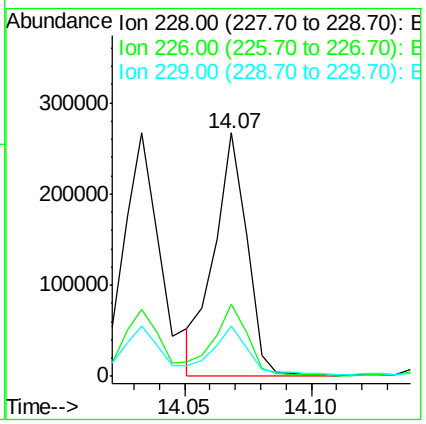


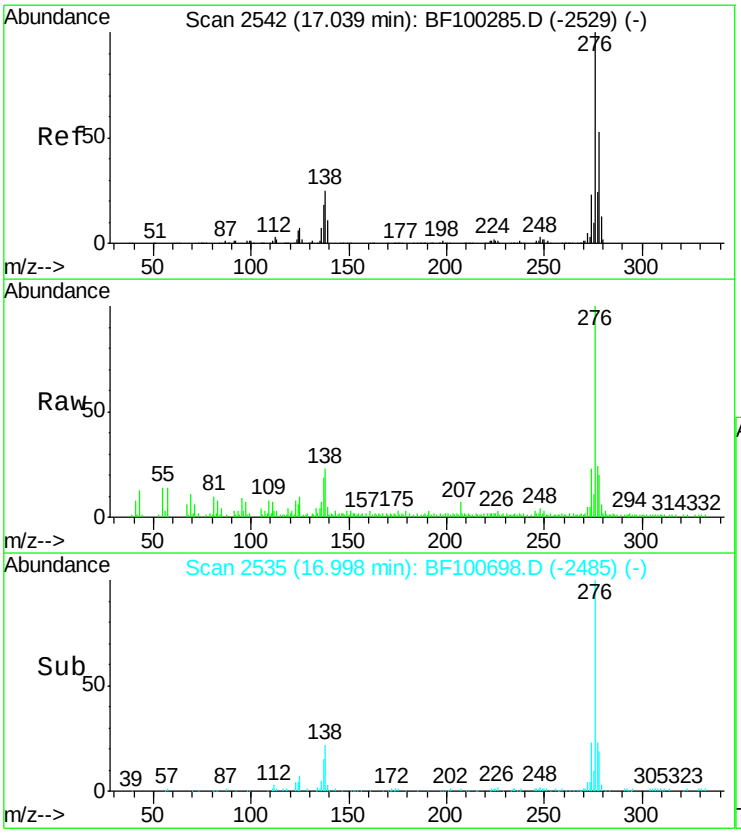
#82
Chrysene
Concen: 18.22 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:228 Resp: 238504

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.9	16.2	24.4

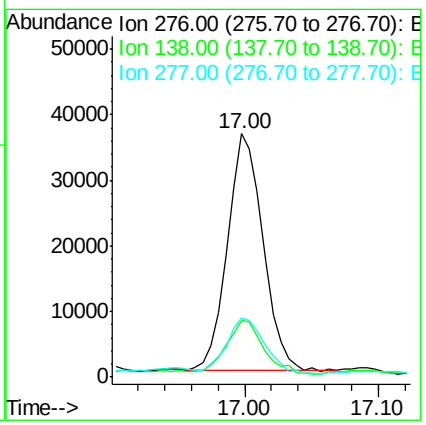


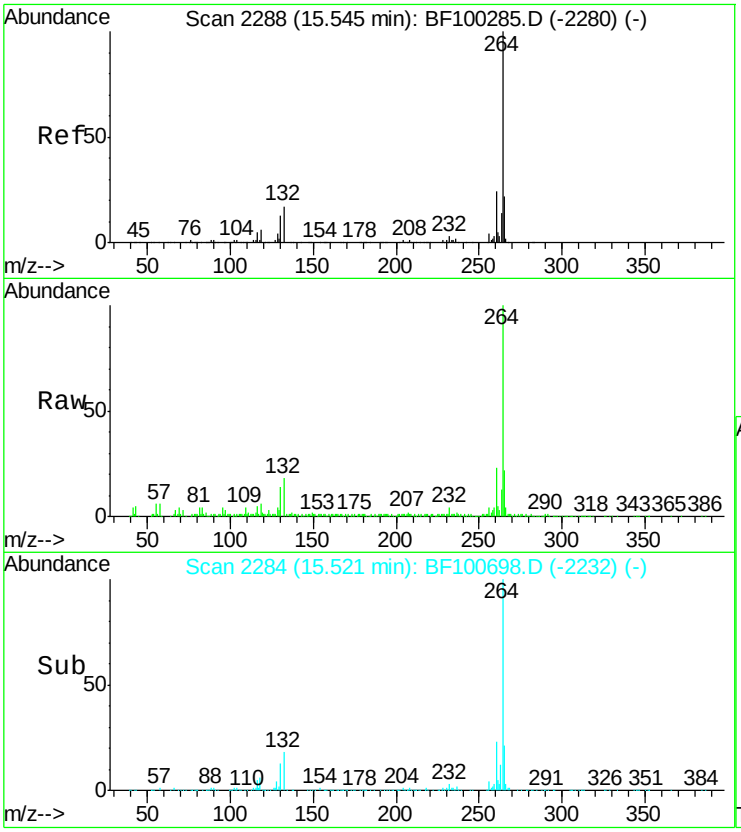


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.29 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:276 Resp: 66542

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	26.0	20.1	30.1



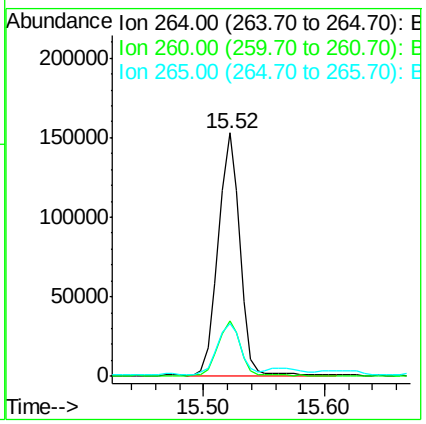


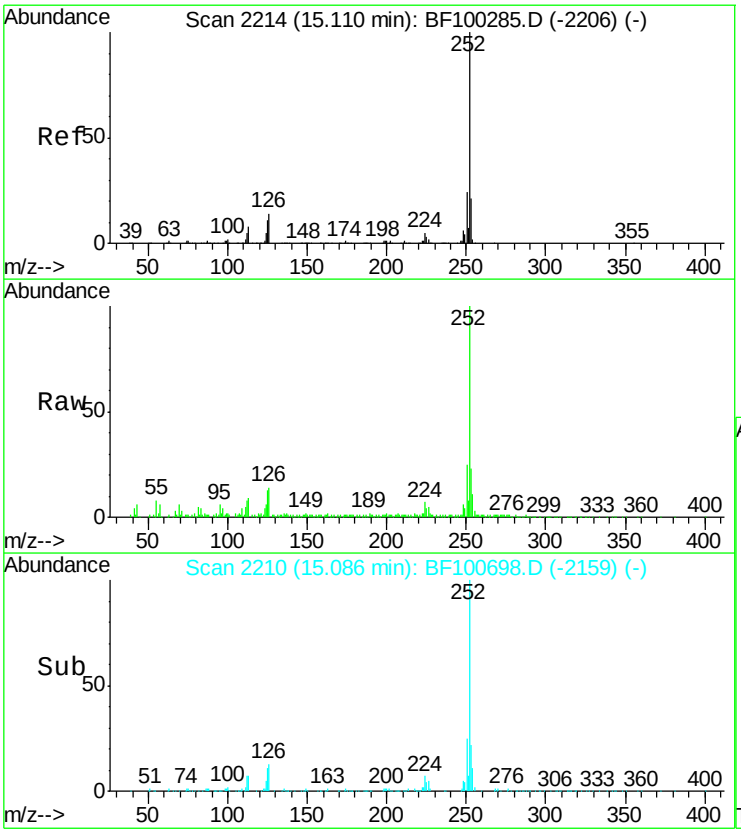
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:264 Resp: 187988

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	17.5	26.3

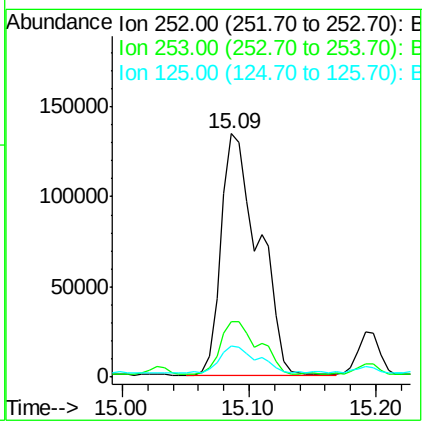


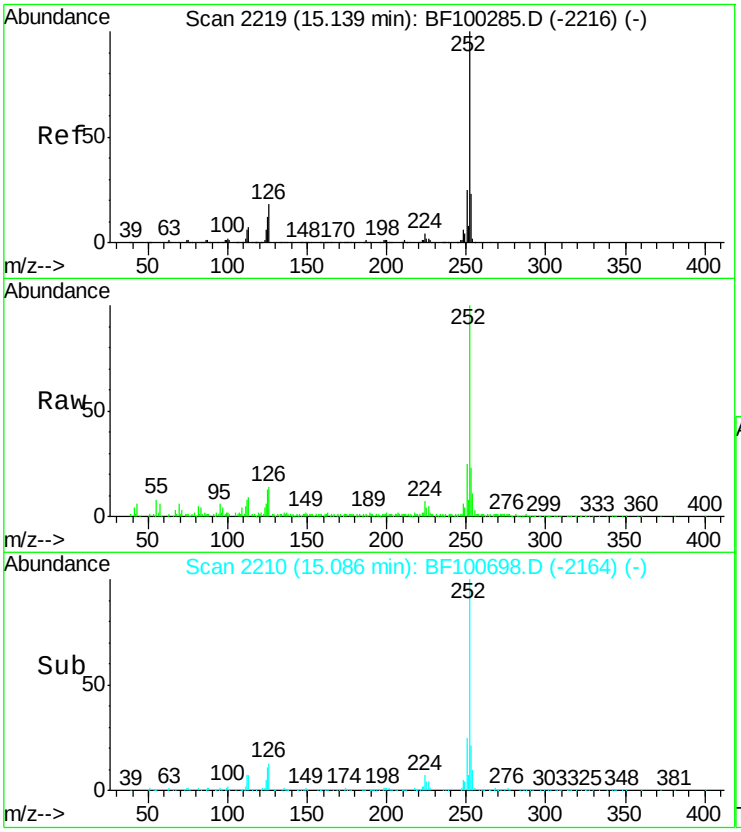


#87
Benzo(b)fluoranthene
Concen: 24.83 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:252 Resp: 276557

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.5	9.0	13.6



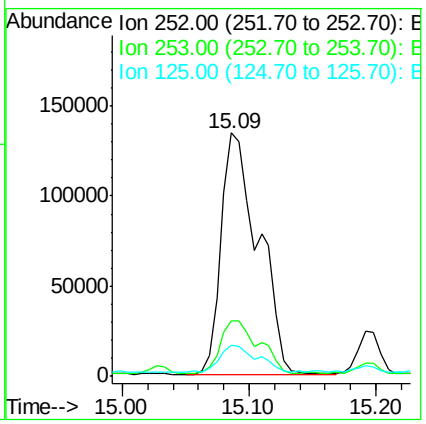


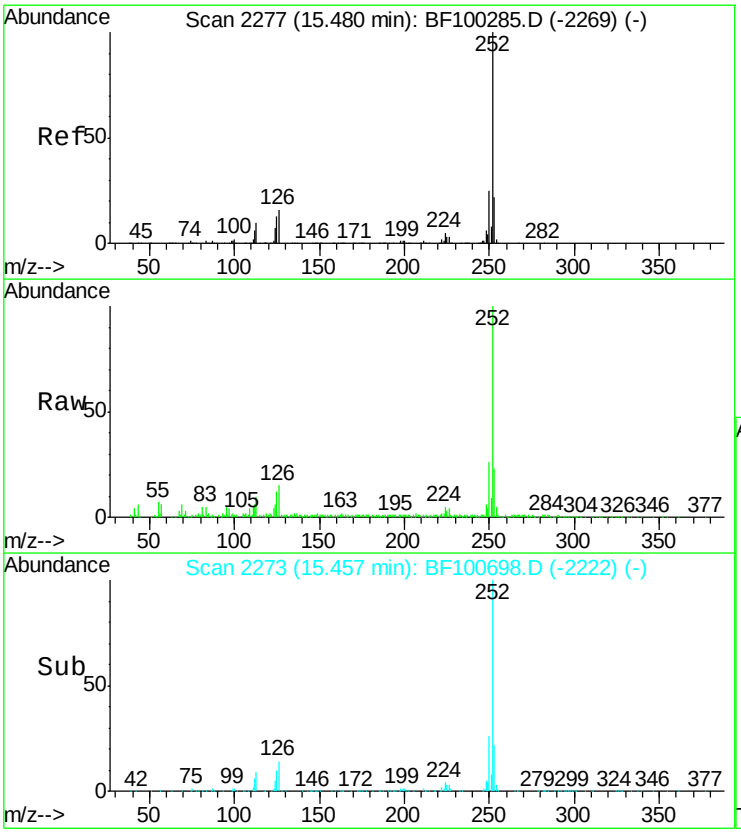
#88
Benzo(k)fluoranthene
Concen: 26.28 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:252 Resp: 276557

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.5	10.2	15.2

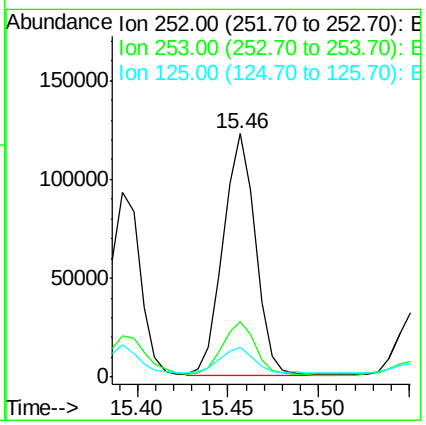


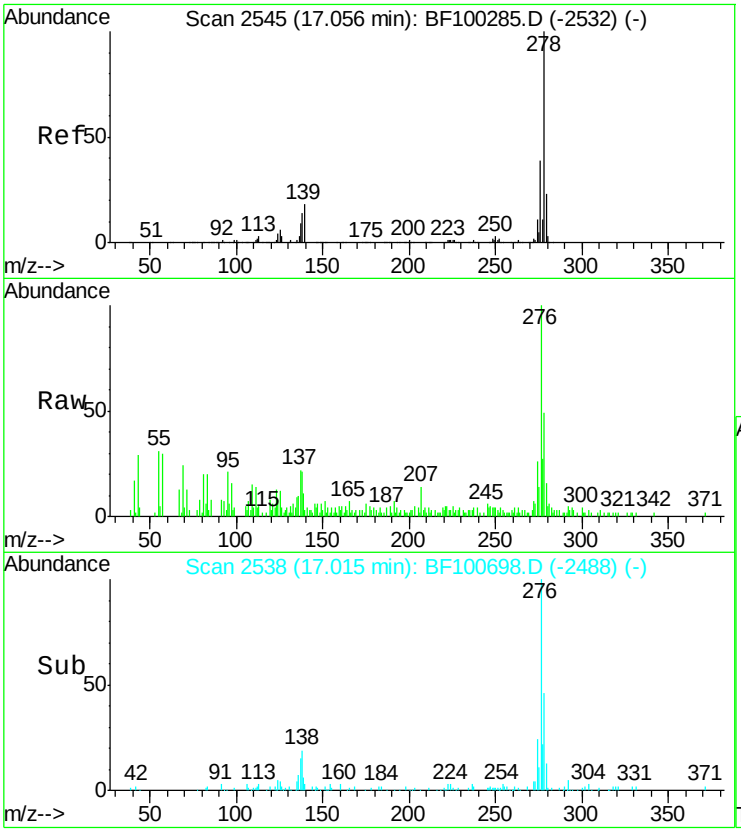


#89
Benzo(a)pyrene
Concen: 15.49 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:252 Resp: 152966

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	12.0	9.8	14.6



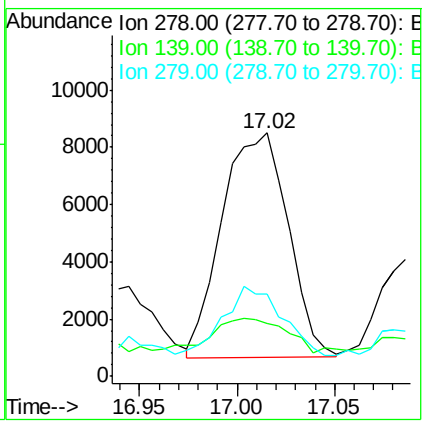


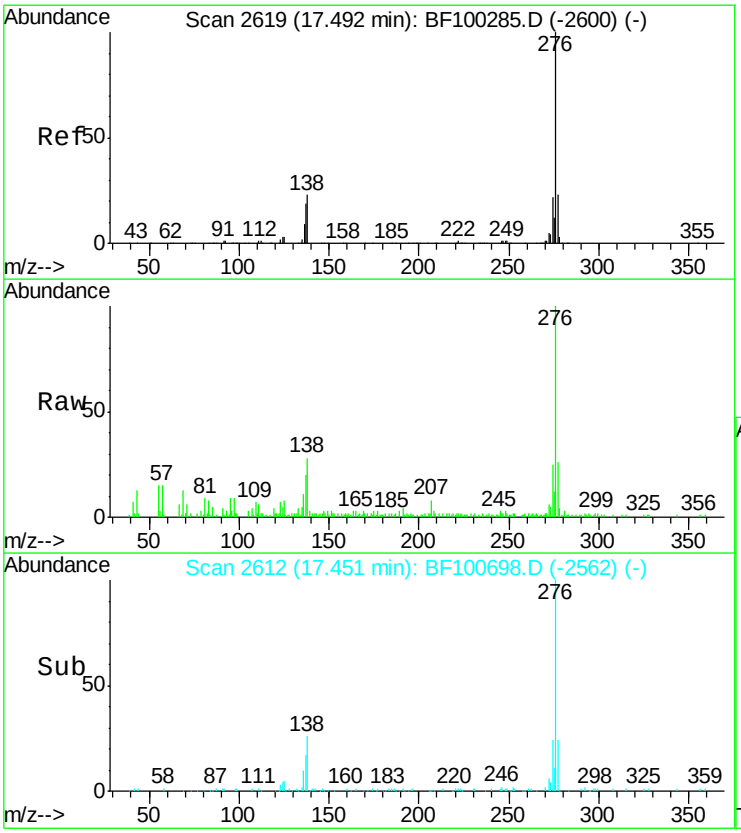
#90
Dibenzo(a,h)anthracene
Concen: 2.27 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Instrument :
BNA_F
ClientSampleId :
LEW-2-E(6-7)

Tgt Ion:278 Resp: 18355

Ion	Ratio	Lower	Upper
278	100		
139	27.2	15.9	23.9#
279	33.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.01 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF100698.D
Acq: 18 Nov 2017 2:25

Tgt Ion:276 Resp: 71228

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	27.7	21.8	32.8