Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102898.D
Acq On : 9 Feb 2018 19:32
Operator : SJ/JU
Sample : J1512-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 22:08:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	175542	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	695779	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	279042	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	419327	20.00	ng		0.00
75) Chrysene-d12	14.05	240	351776	20.00	ng		0.00
86) Perylene-d12	15.54	264	340938	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1152655	99.72	ng		0.01
7) Phenol-d6	6.52	99	1353826	97.27	ng		0.01
23) Nitrobenzene-d5	7.45	82	881301	87.87	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	210948	93.92	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1211846	72.06	ng		0.00
78) Terphenyl-d14	13.00	244	854979	57.55	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	25181	2.44	ng		82
10) Phenol	6.52	94	80769	5.42	ng		79
19) n-Nitroso-di-n-propylamine	7.45	70	118219	12.88	ng	#	87
25) Isophorone	7.45	82	881286	38.16	ng	#	64
32) Benzoic acid	8.16	122	132	8.56	ng	#	1
47) 2-Nitroaniline	9.63	65	2063	3.81	ng	#	1
49) Dimethylphthalate	9.63	163	157497	7.24	ng		99
55) 4-Nitrophenol	10.13	139	757	4.20	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	36075	9.16	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	409	9.01	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13587	3.06	ng	#	1
70) Phenanthrene	11.43	178	58351	2.50	ng		100
74) Fluoranthene	12.63	202	143853	6.12	ng		97
77) Pyrene	12.86	202	137121	4.97	ng		98
80) Benzo(a)anthracene	14.04	228	86540	3.91	ng		96
82) Chrysene	14.07	228	87359	3.92	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	43898	2.60	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	45012	2.43	ng		97
87) Benzo(b)fluoranthene	15.10	252	169892	7.69	ng	#	94
88) Benzo(k)fluoranthene	15.10	252	169892	8.04	ng	#	97
89) Benzo(a)pyrene	15.47	252	78895	3.97	ng		97
91) Benzo(g,h,i)perylene	17.49	276	39444	2.50	ng		96

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

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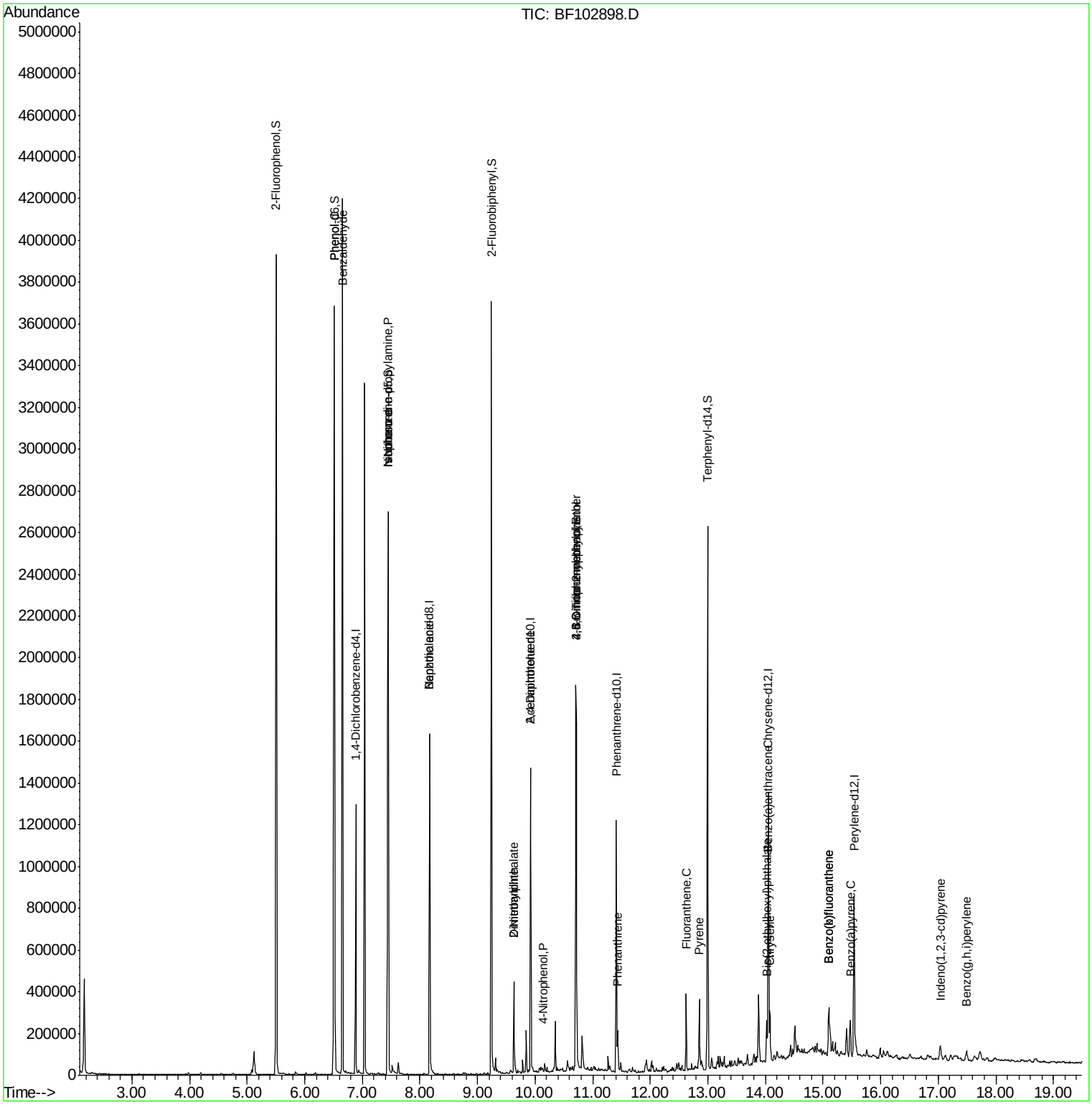
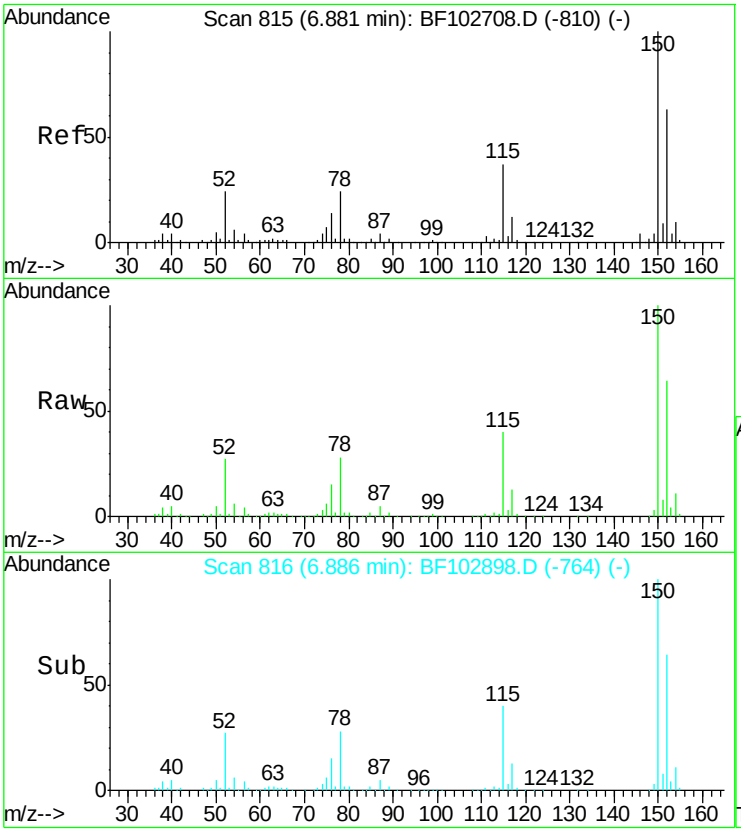


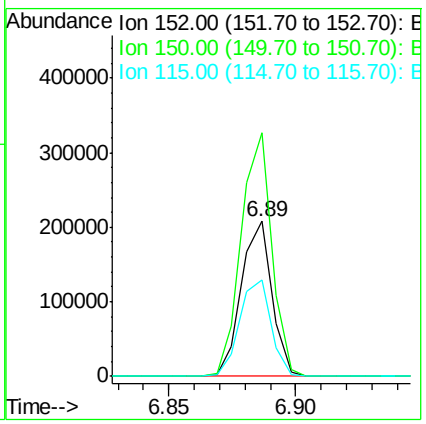


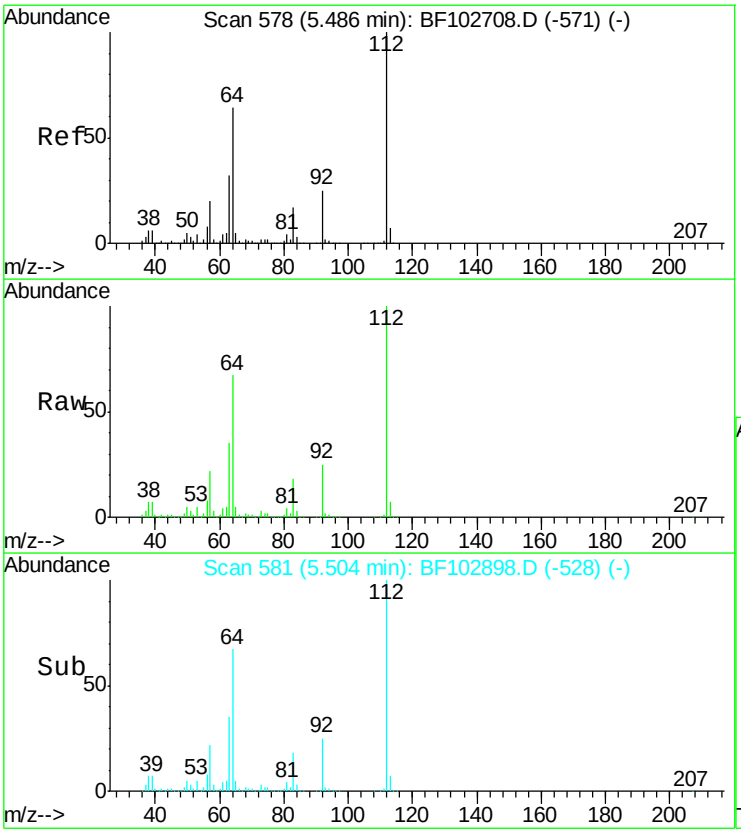
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 175542

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.6	50.1	75.1

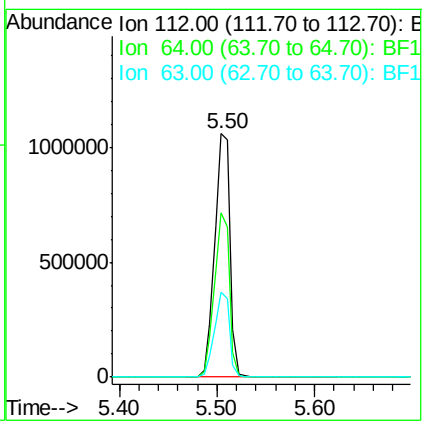


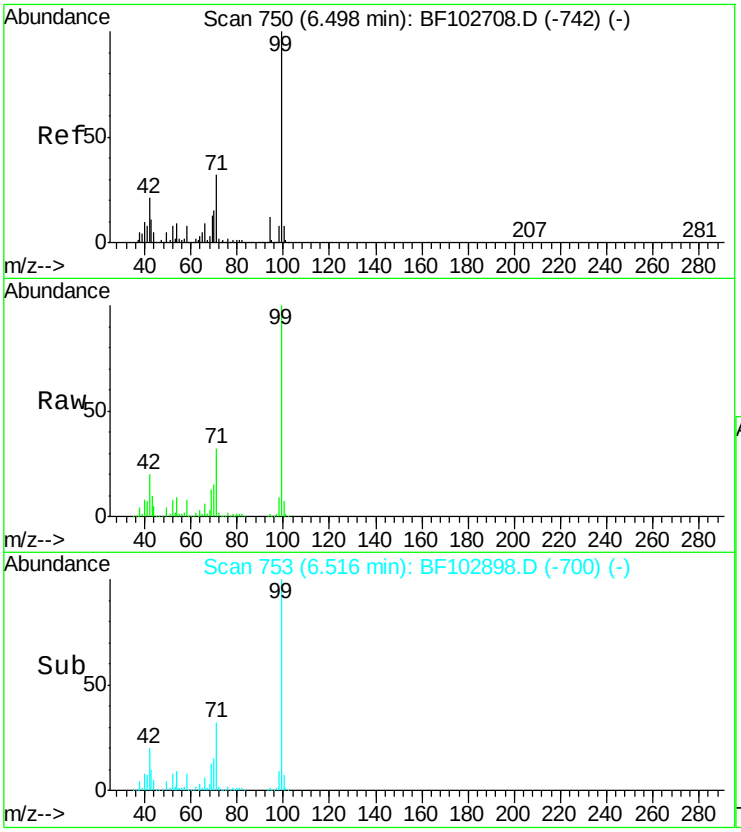


#5
2-Fluorophenol
Concen: 99.72 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:112 Resp: 1152655

Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.0	23.7	35.5



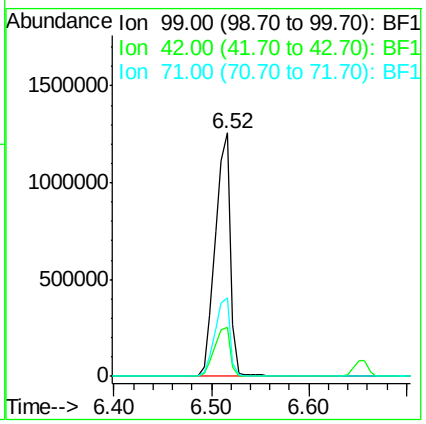


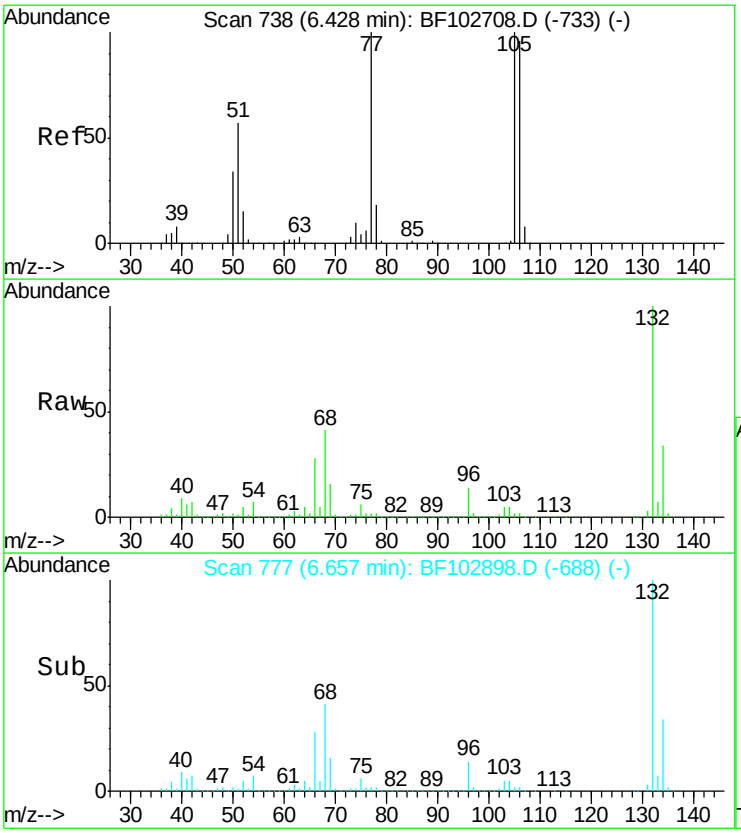
#7
Phenol-d6
Concen: 97.27 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1353826

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	32.1	25.4	38.0

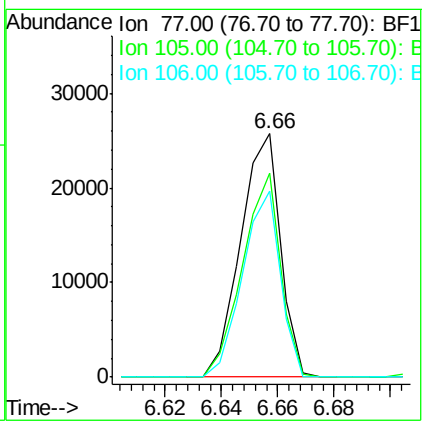


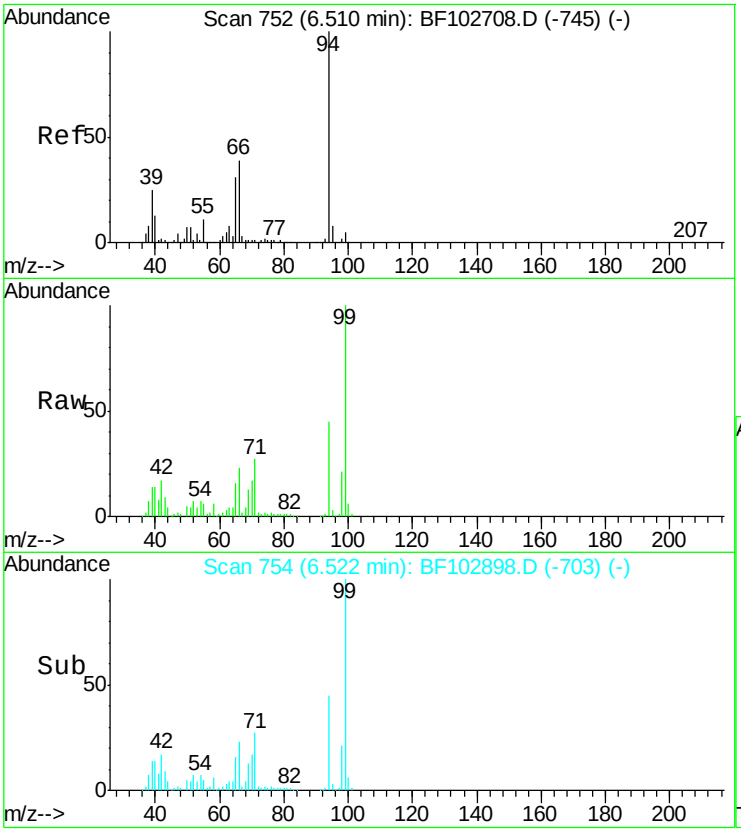


#9
Benzaldehyde
Concen: 2.44 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion: 77 Resp: 25181

Ion	Ratio	Lower	Upper
77	100		
105	83.8	81.1	121.1
106	76.2	74.5	114.5



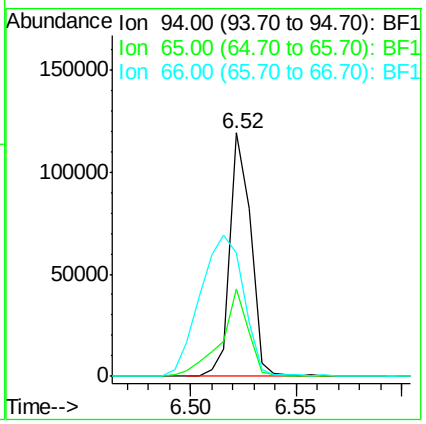


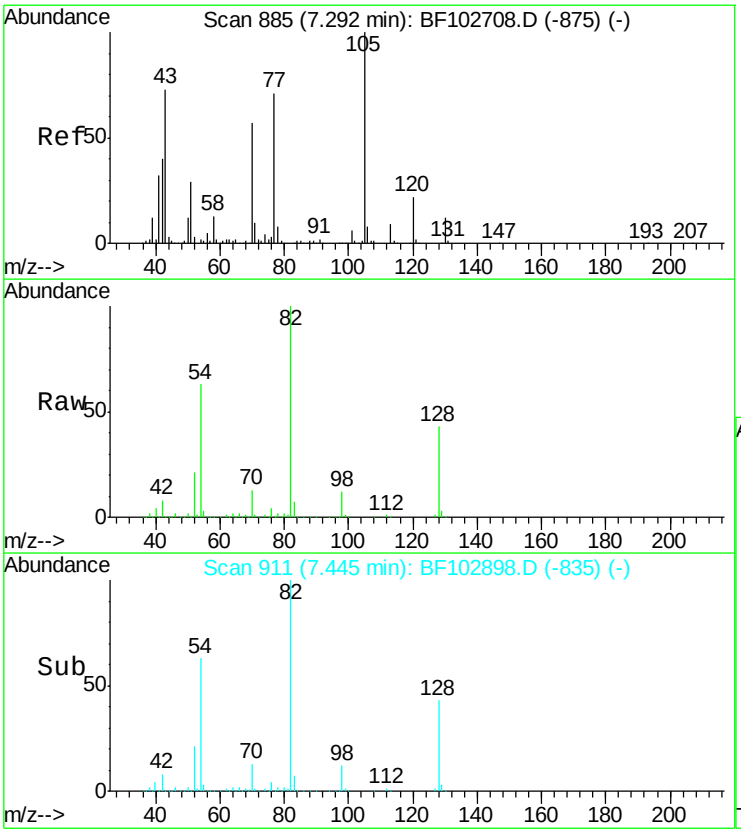
#10
Phenol
Concen: 5.42 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 80769

Ion	Ratio	Lower	Upper
94	100		
65	36.2	7.9	47.9
66	50.8	16.2	56.2

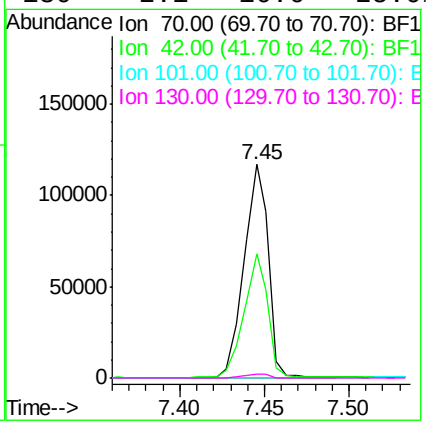


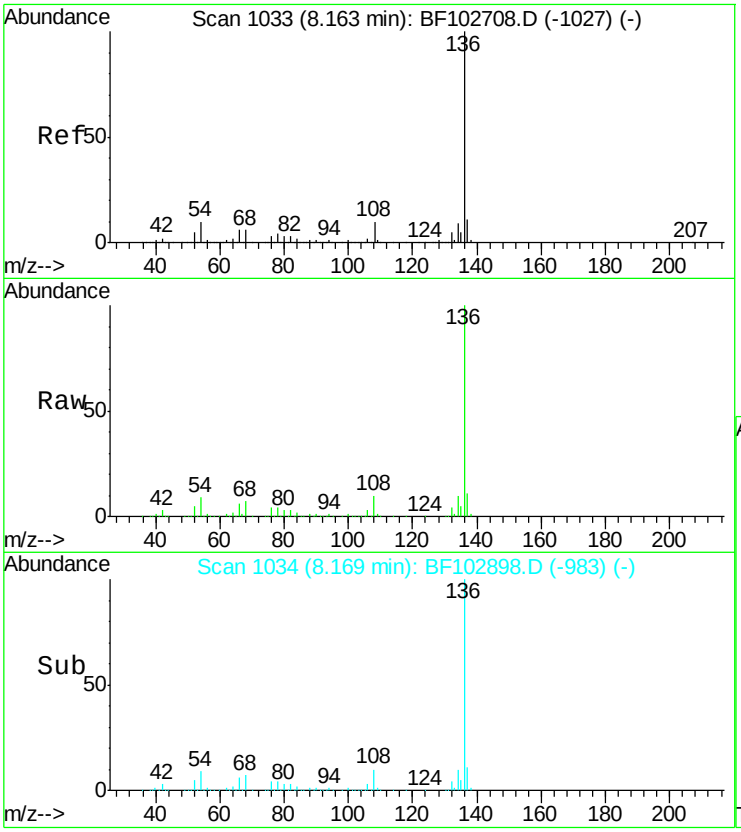


#19
n-Nitroso-di-n-propylamine
Concen: 12.88 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion: 70 Resp: 118219

Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



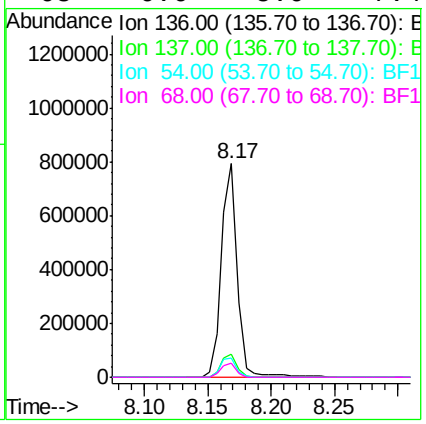


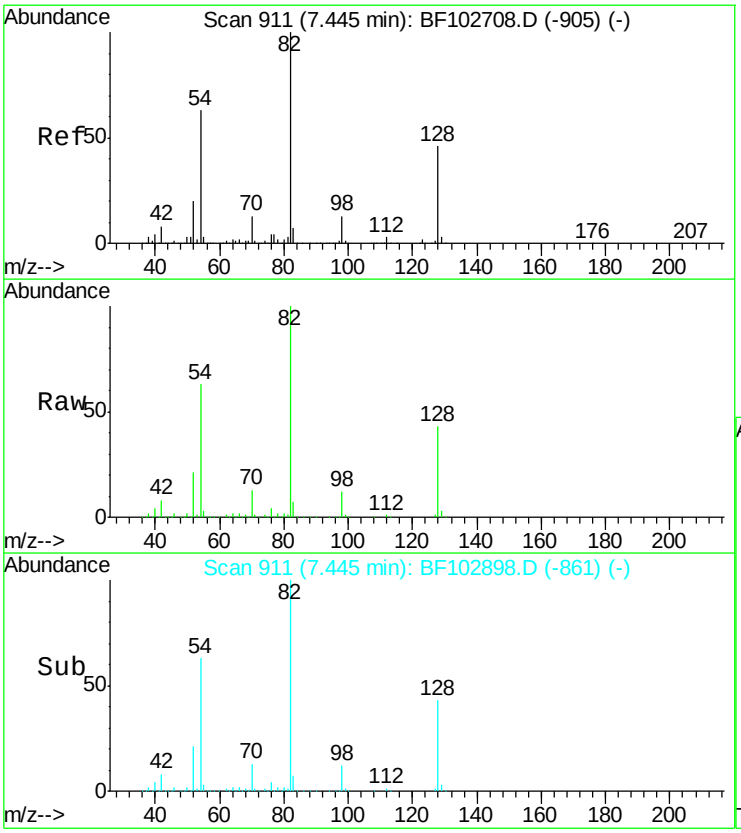
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 695779

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4

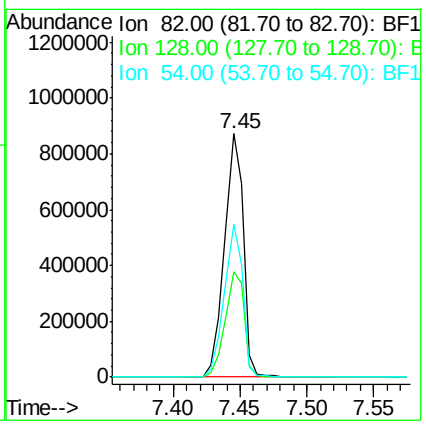


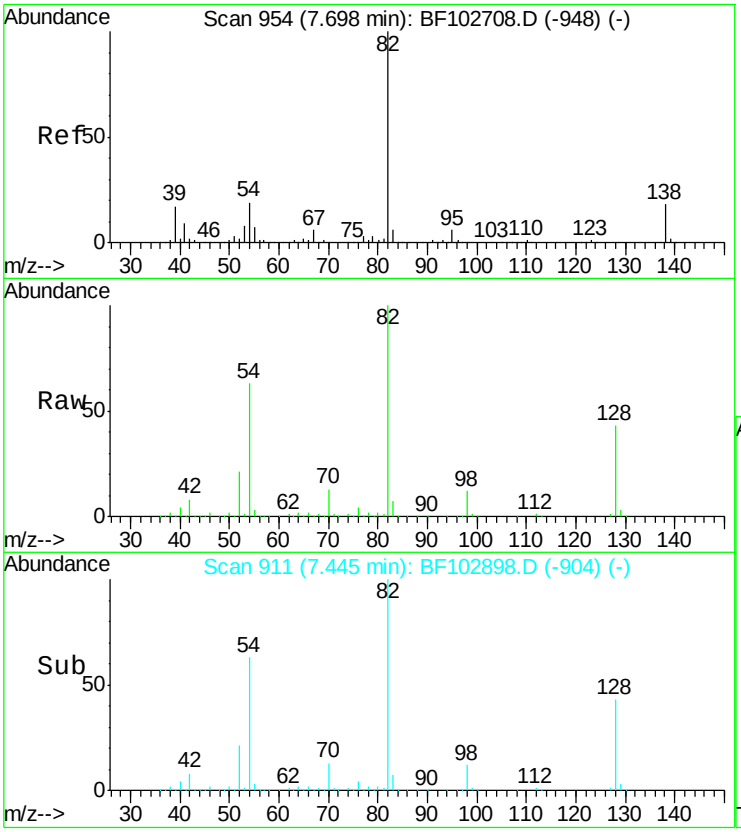


#23
Nitrobenzene-d5
Concen: 87.87 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion: 82 Resp: 881301

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	62.8	41.4	62.2#



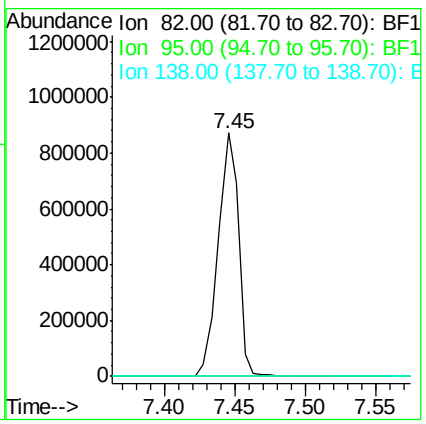


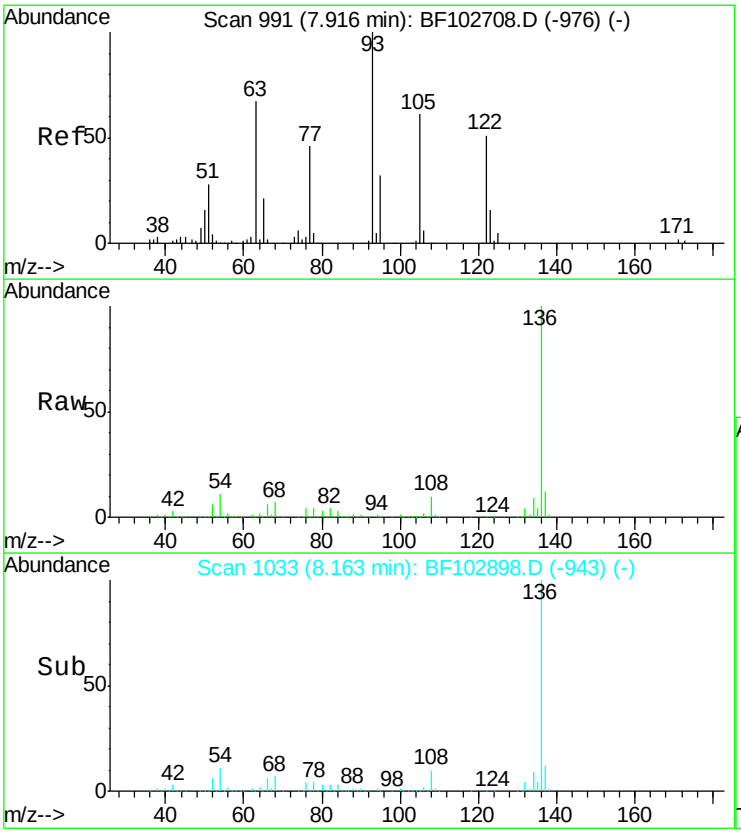
#25
Isophorone
Concen: 38.16 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 881286

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

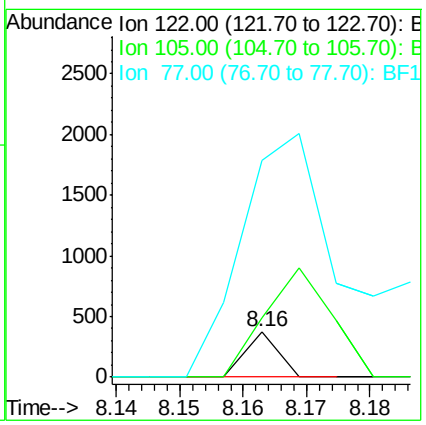


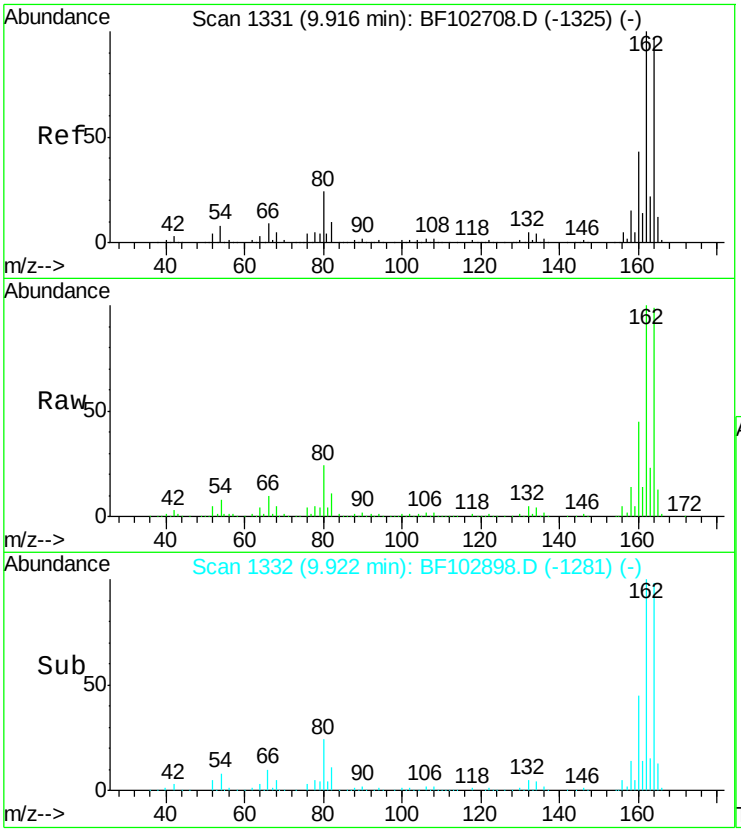


#32
Benzoic acid
Concen: 8.56 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.23 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	131.0	101.1	141.1
77	477.8	70.7	110.7#



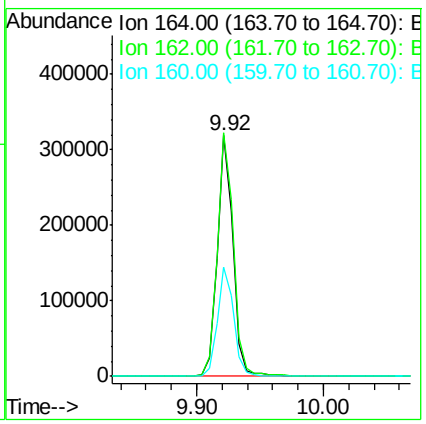


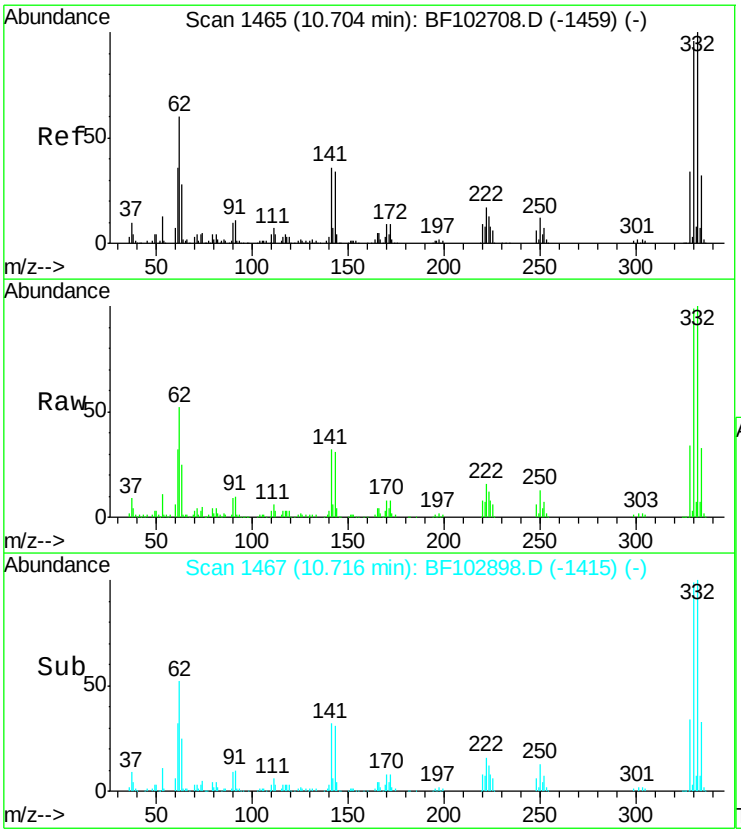
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 279042

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.4	38.3	57.5

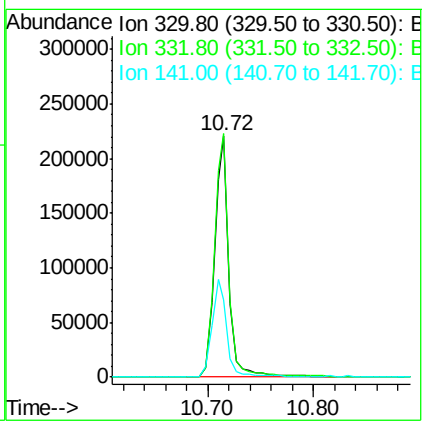


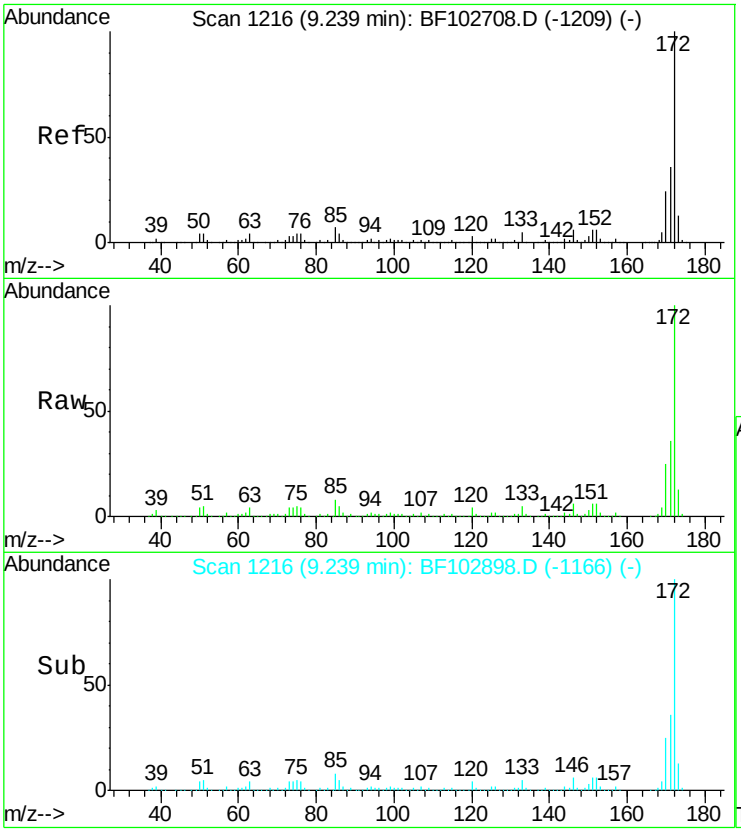


#41
2,4,6-Tribromophenol
Concen: 93.92 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:330 Resp: 210948

Ion	Ratio	Lower	Upper
330	100		
332	103.7	77.0	115.6
141	43.0	29.9	44.9



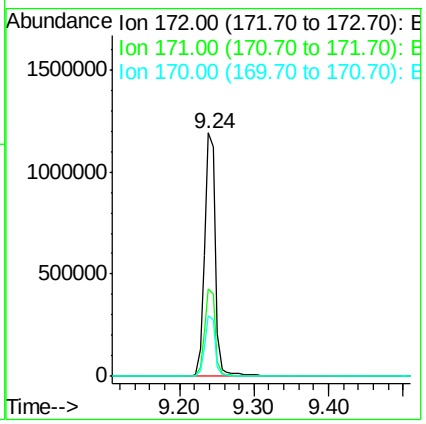


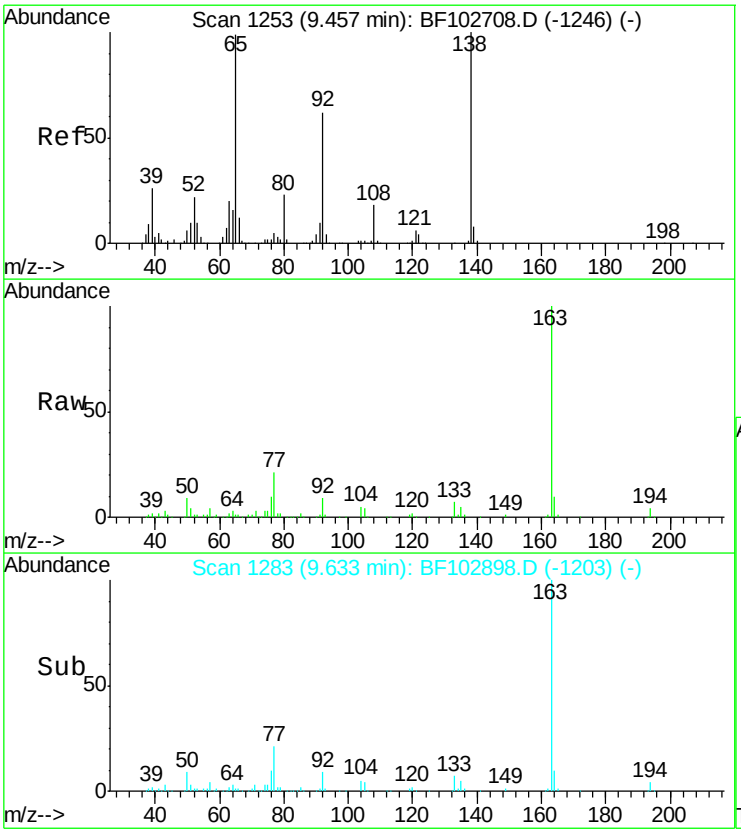
#44
2-Fluorobiphenyl
Concen: 72.06 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1211846

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.8	19.6	29.4

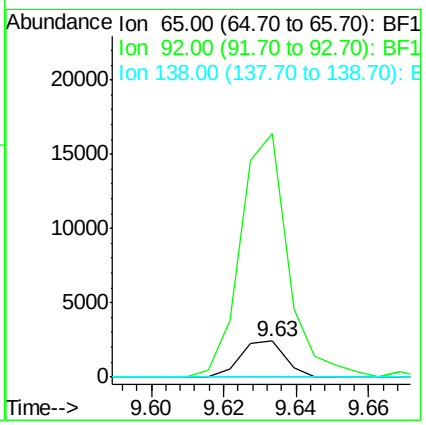


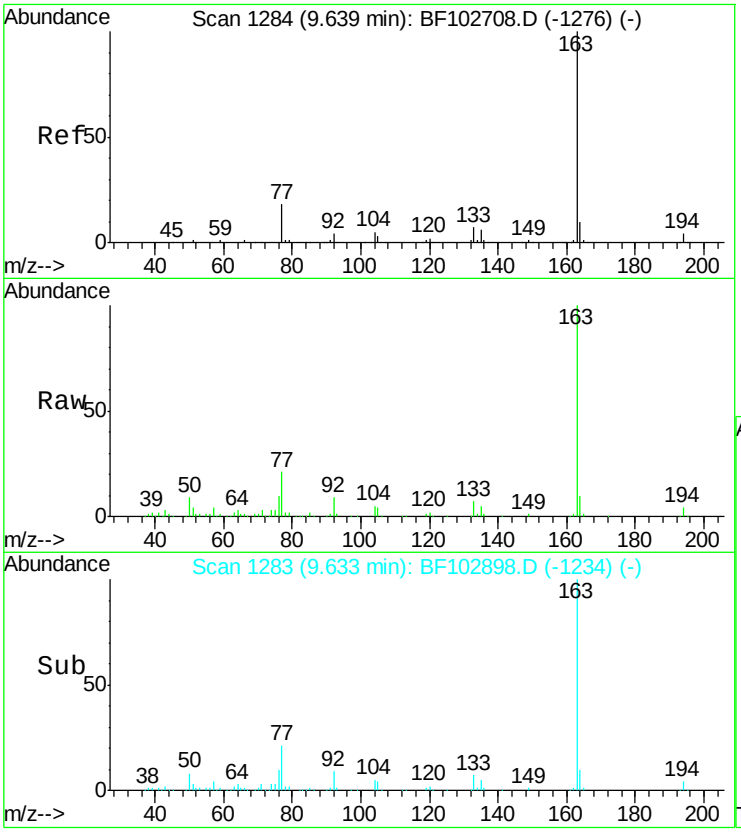


#47
2-Nitroaniline
Concen: 3.81 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.17 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion: 65 Resp: 2063

Ion	Ratio	Lower	Upper
65	100		
92	679.5	55.8	83.6#
138	0.0	91.2	136.8#



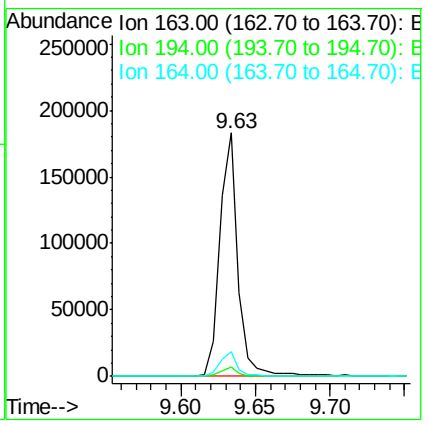


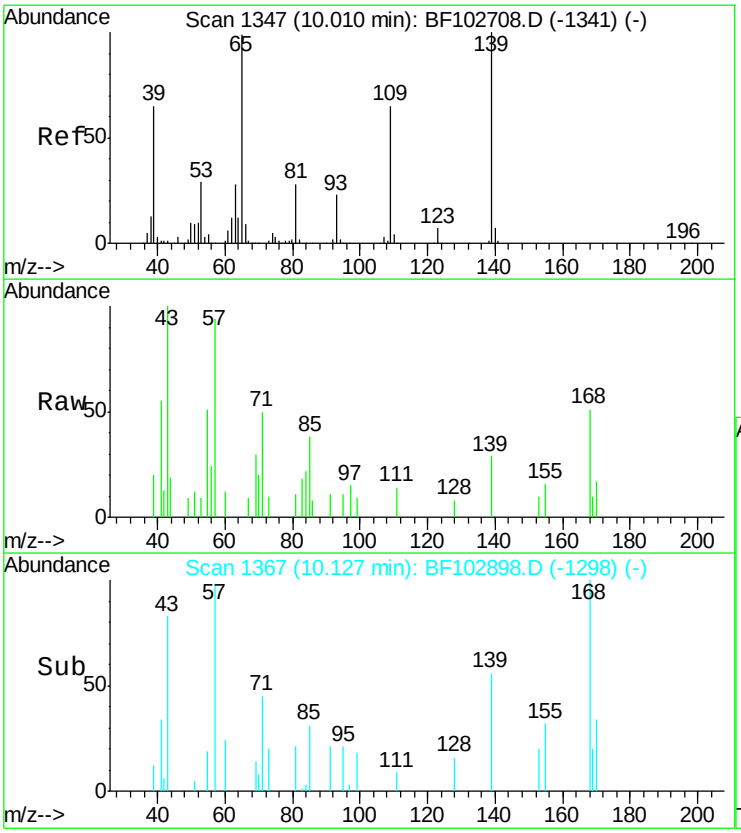
#49
Dimethylphthalate
Concen: 7.24 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 157497

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

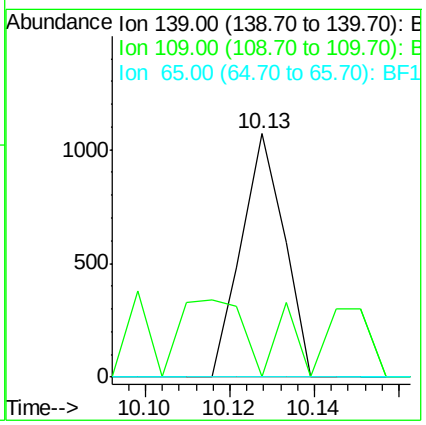


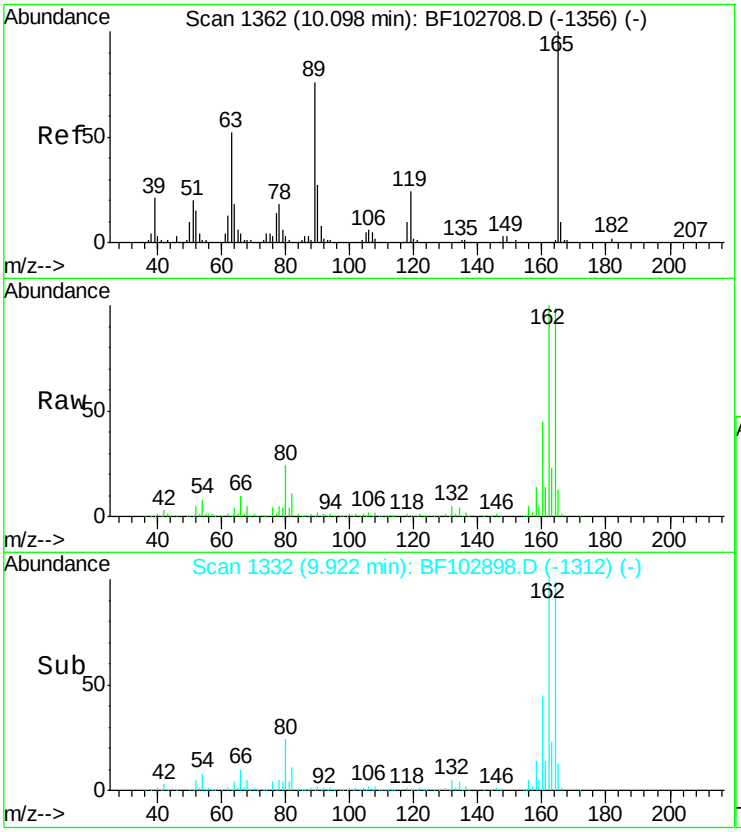


#55
4-Nitrophenol
Concen: 4.20 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:139 Resp: 757

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



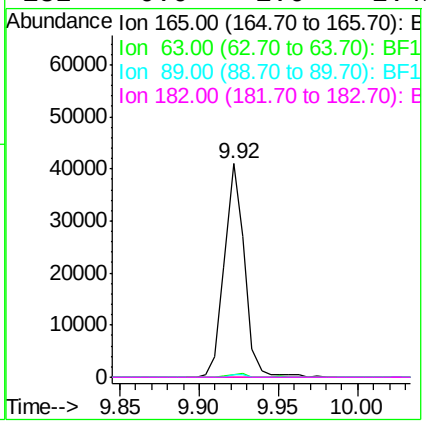


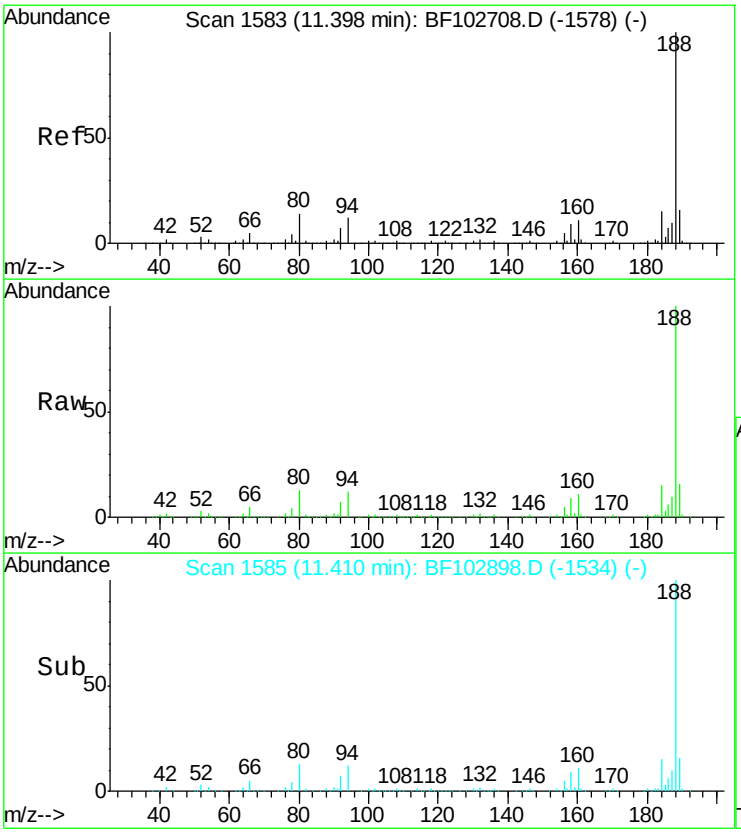
#56
2,4-Dinitrotoluene
Concen: 9.16 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36075

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

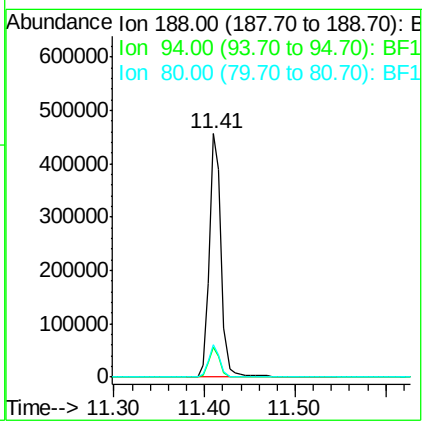


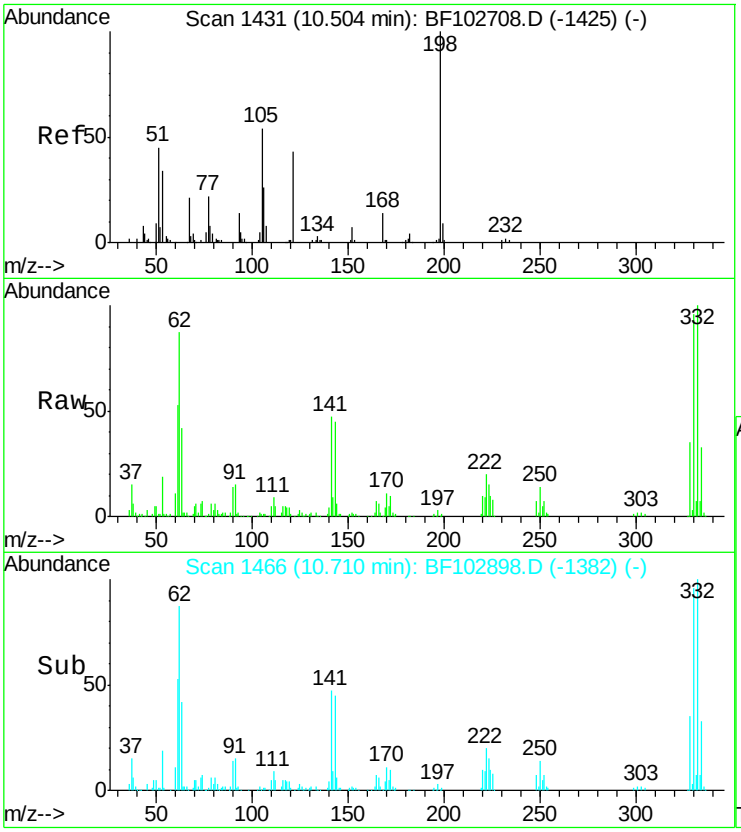


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:188 Resp: 419327

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	13.5	9.2	13.8



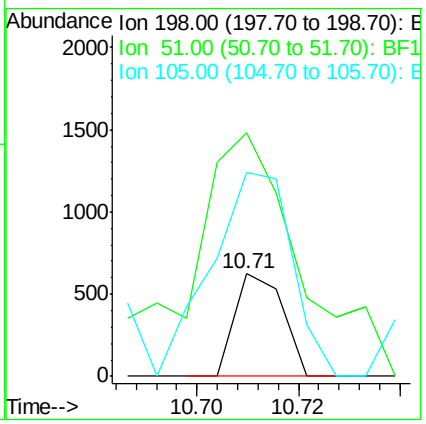


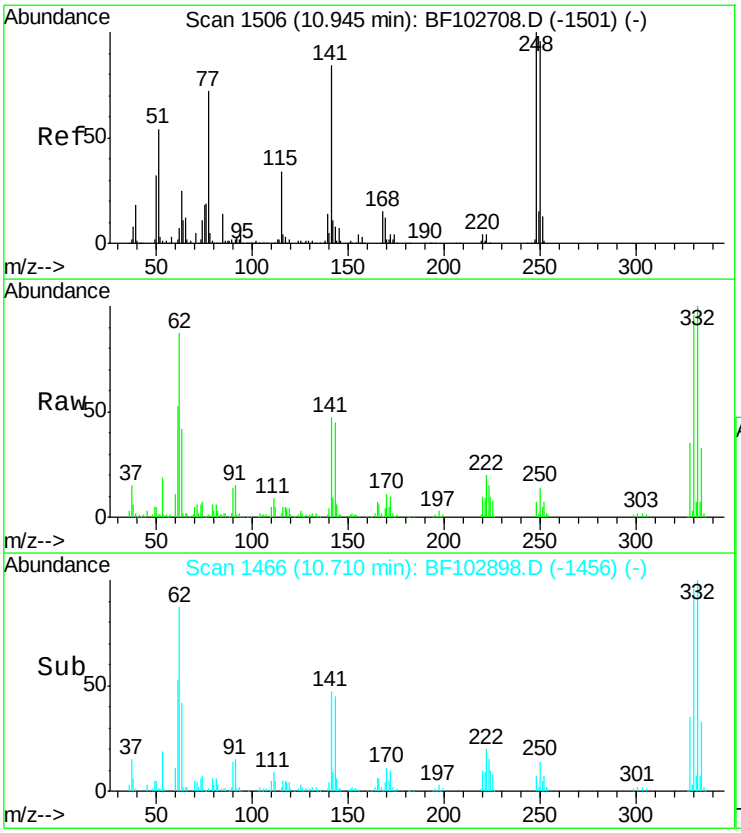
#64
4,6-Dinitro-2-methylphenol
Concen: 9.01 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 409

Ion	Ratio	Lower	Upper
198	100		
51	237.7	37.7	77.7#
105	199.2	36.3	76.3#

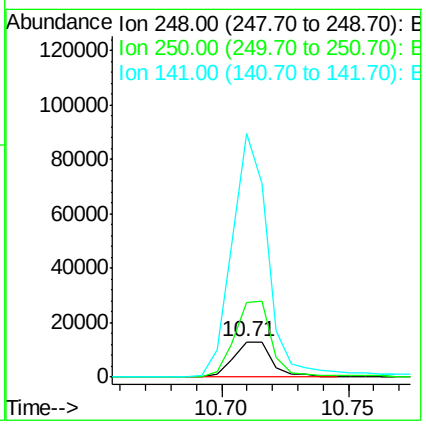


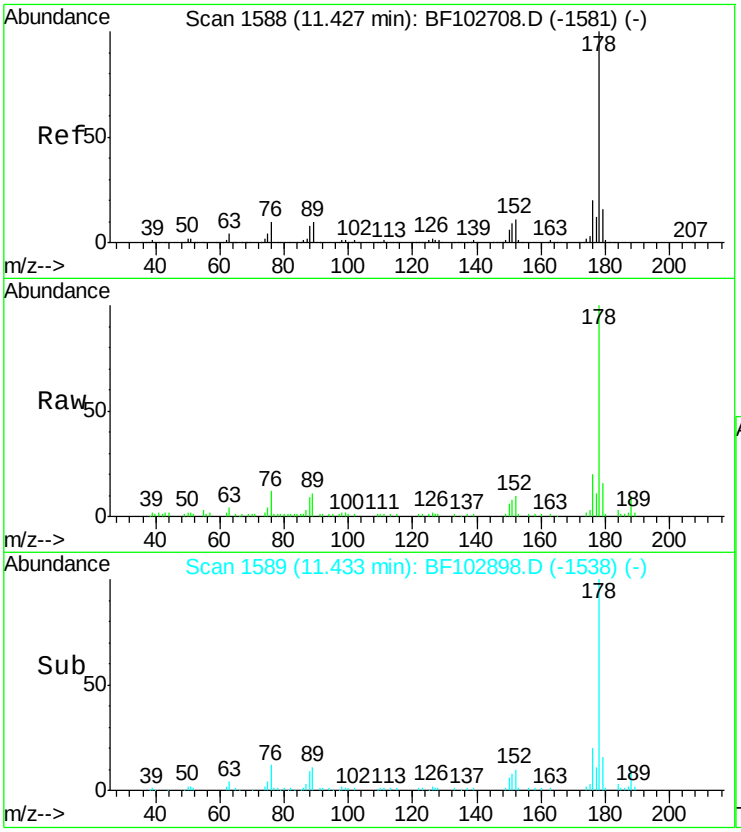


#66
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:248 Resp: 13587

Ion	Ratio	Lower	Upper
248	100		
250	211.1	76.9	115.3#
141	692.6	74.4	111.6#



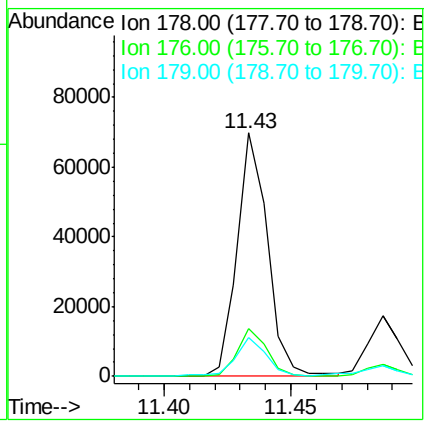


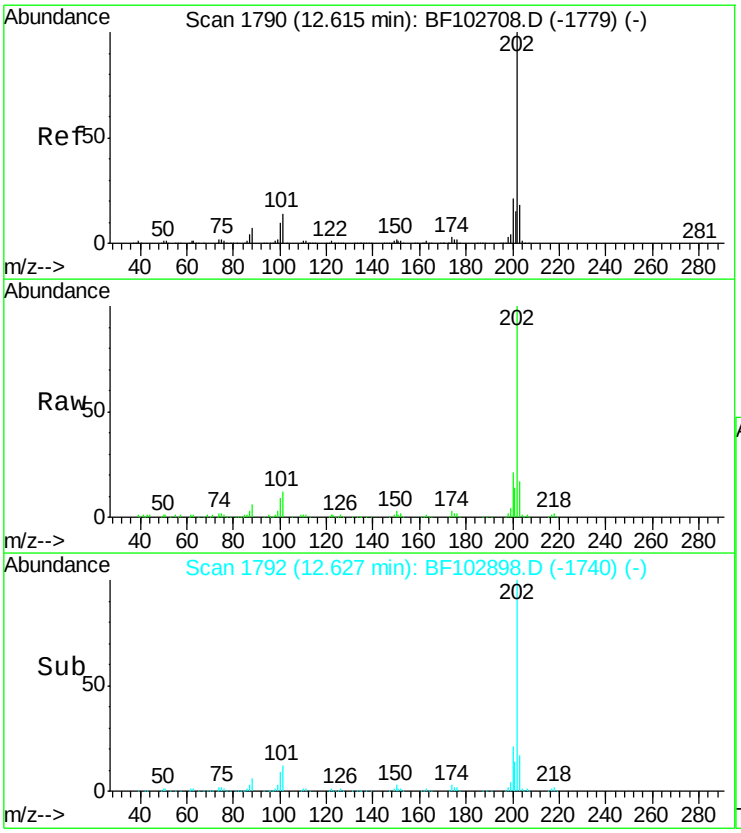
#70
Phenanthrene
Concen: 2.50 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58351

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	13.0	19.6

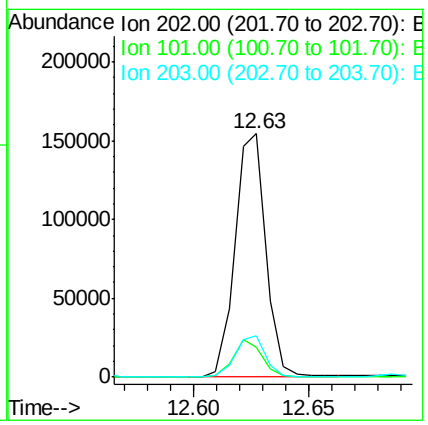


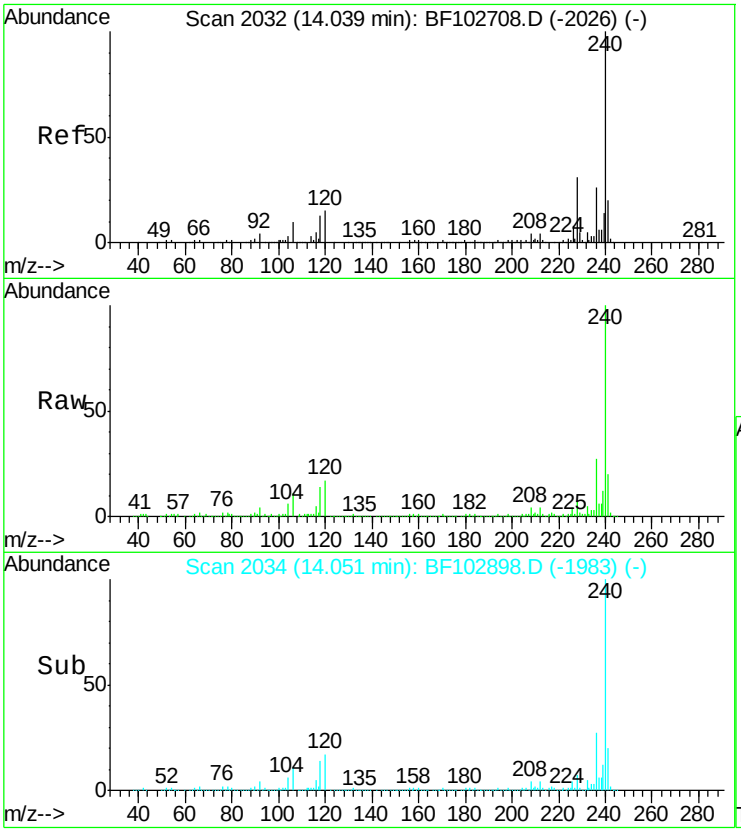


#74
Fluoranthene
Concen: 6.12 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:202 Resp: 143853

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.1	0.0	38.1



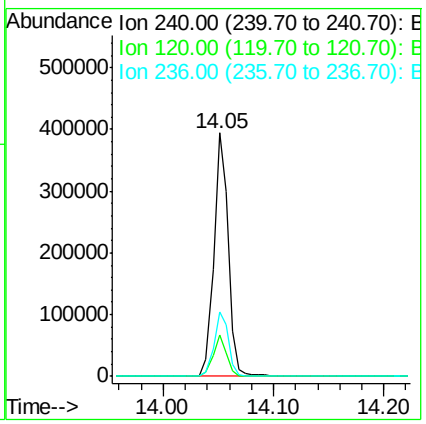


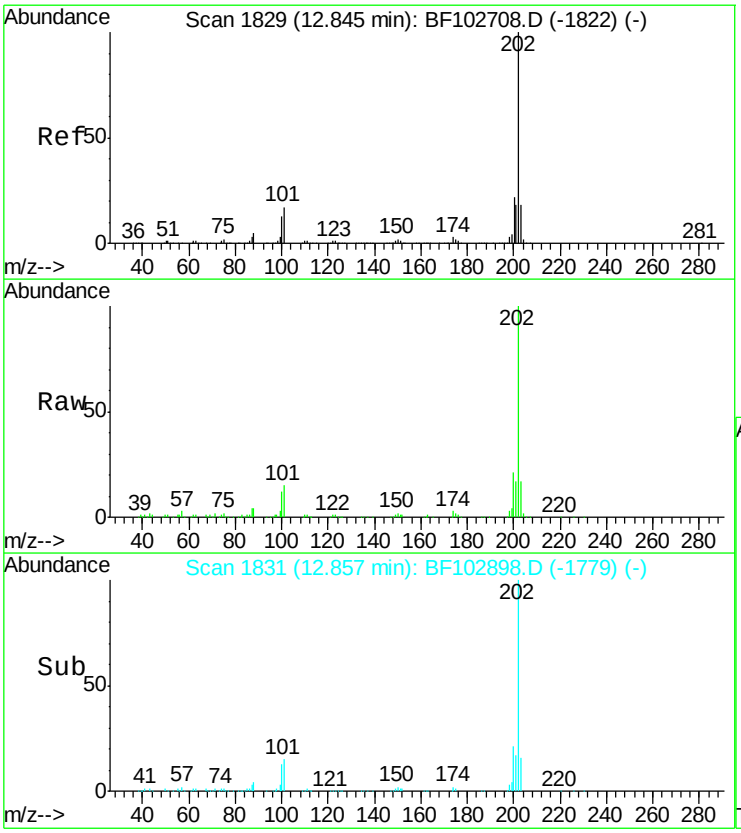
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 351776

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.5	14.3#
236	26.7	20.7	31.1

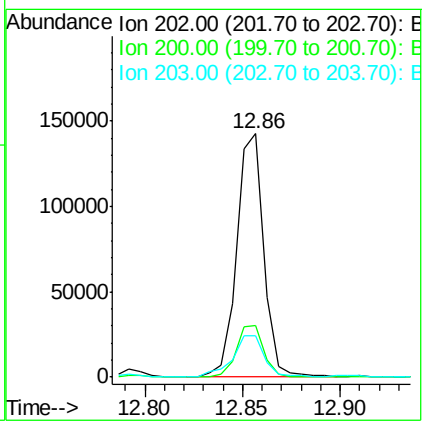


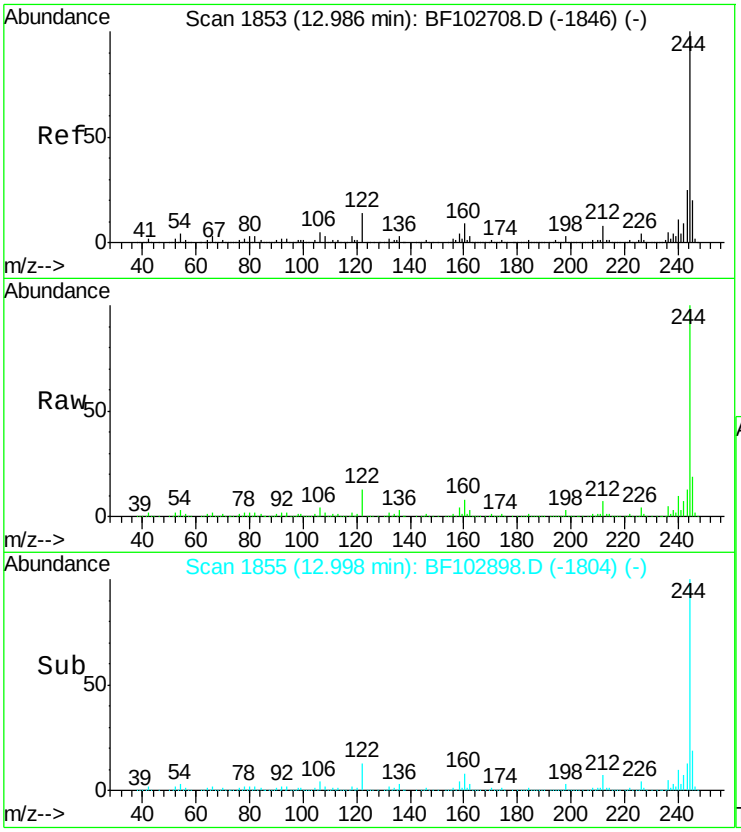


#77
Pyrene
Concen: 4.97 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:202 Resp: 137121

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.8	14.3	21.5



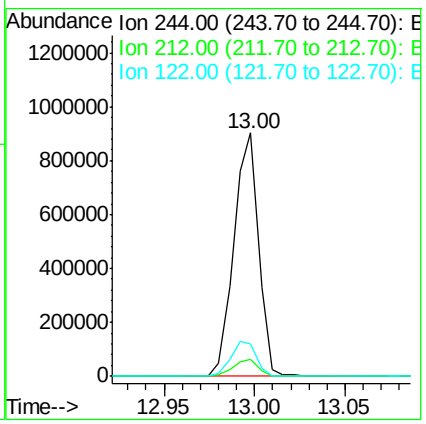


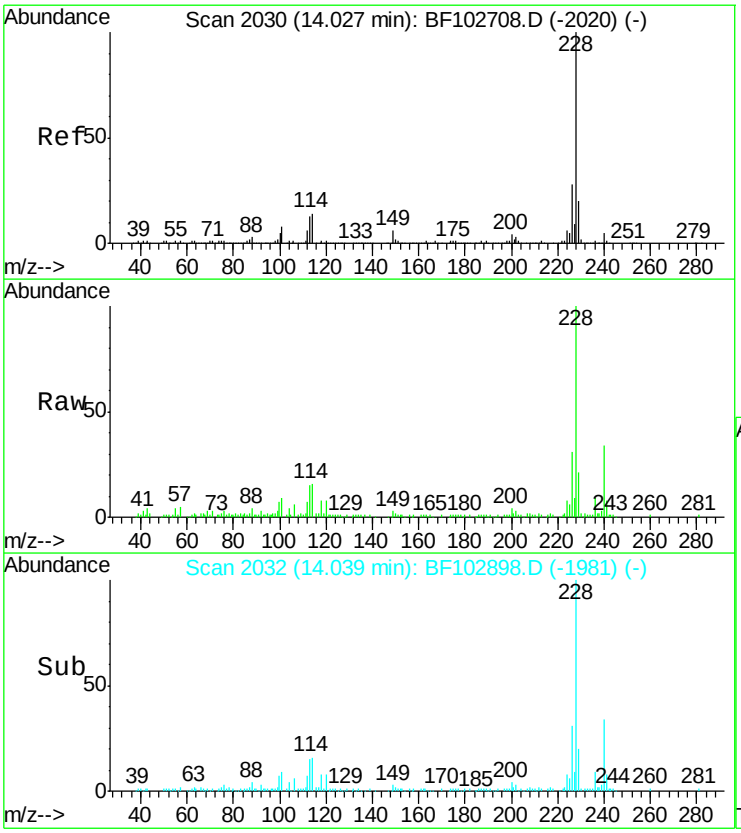
#78
Terphenyl-d14
Concen: 57.55 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 854979

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.4	11.0	16.4

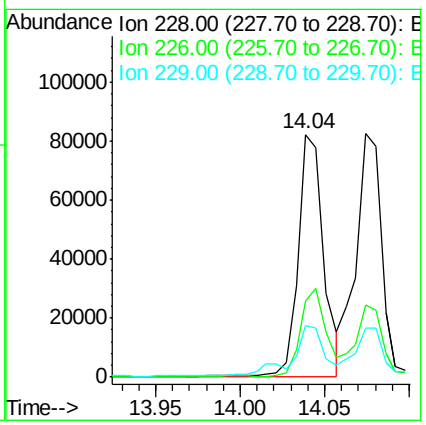


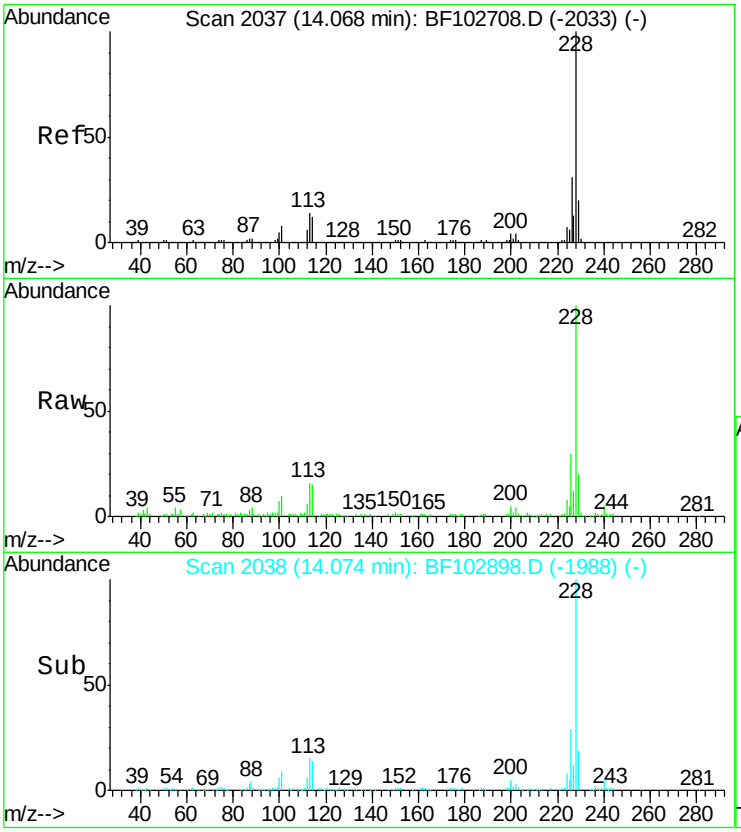


#80
Benzo(a)anthracene
Concen: 3.91 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:228 Resp: 86540

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	21.0	15.8	23.6



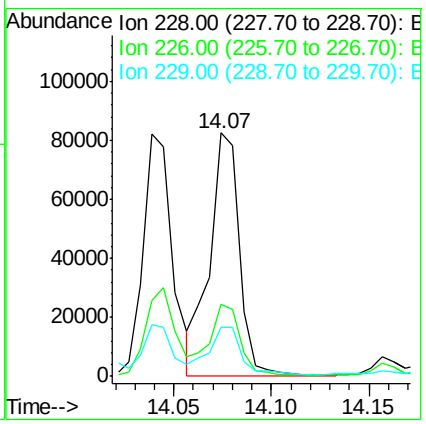


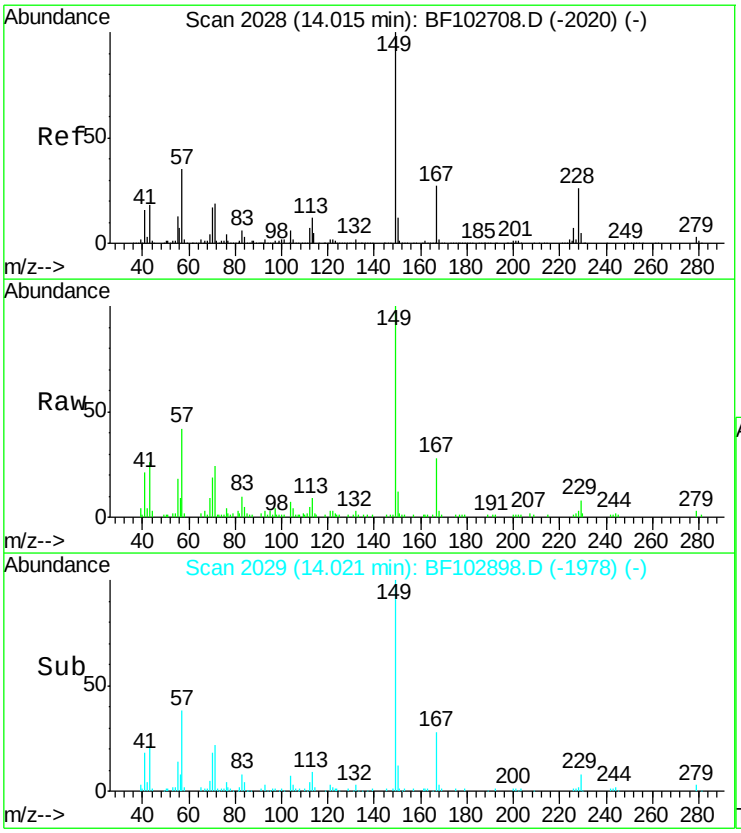
#82
Chrysene
Concen: 3.92 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 87359

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.3	16.2	24.4

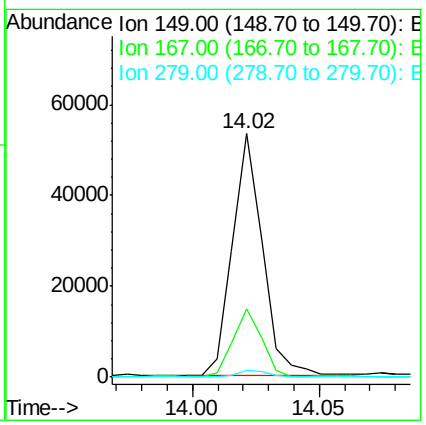


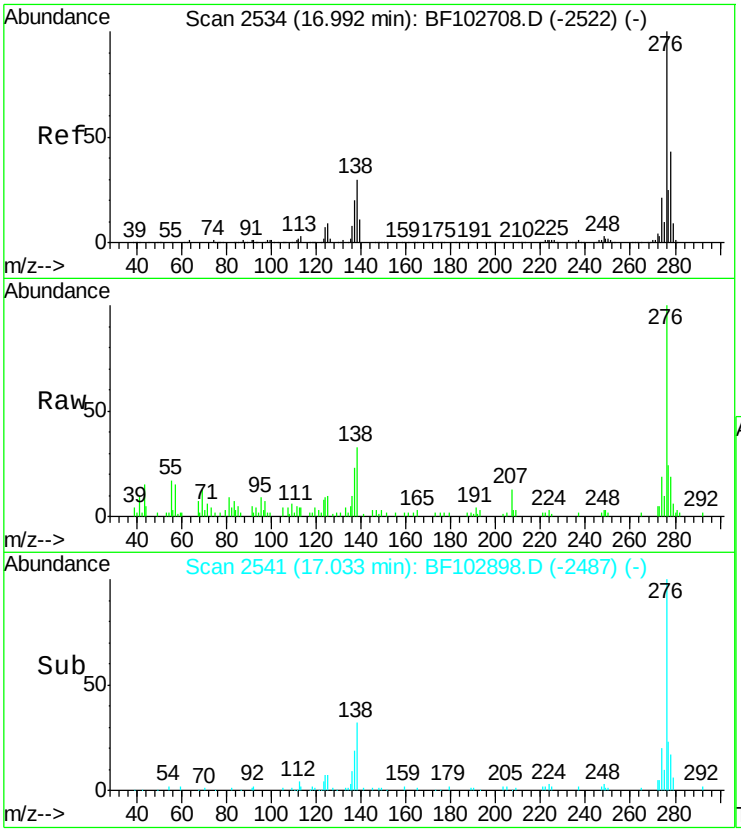


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.60 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:149 Resp: 43898

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	2.8	3.0	4.4#



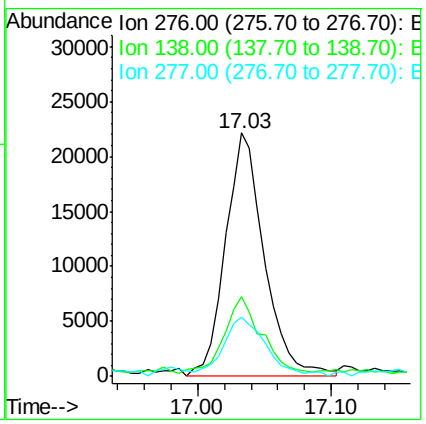


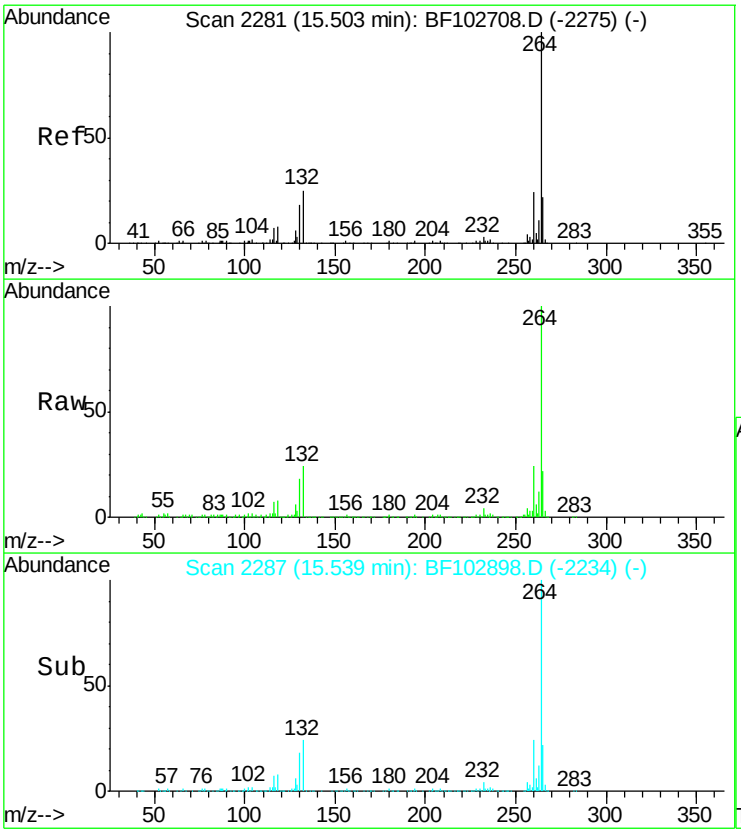
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.43 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45012

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	26.4	20.1	30.1

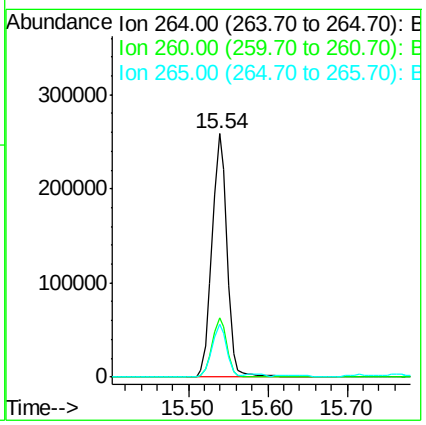


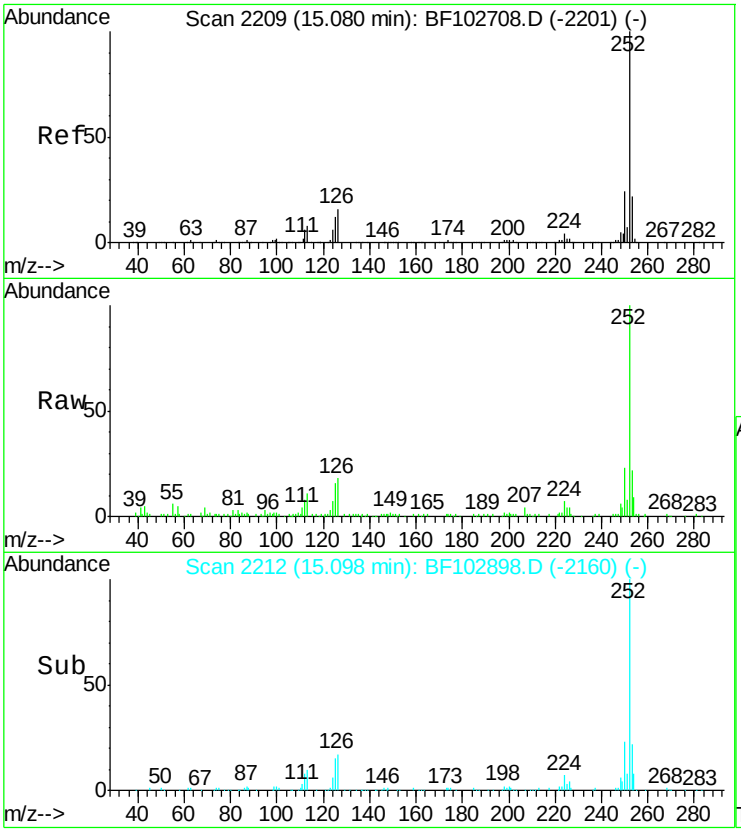


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:264 Resp: 340938

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3



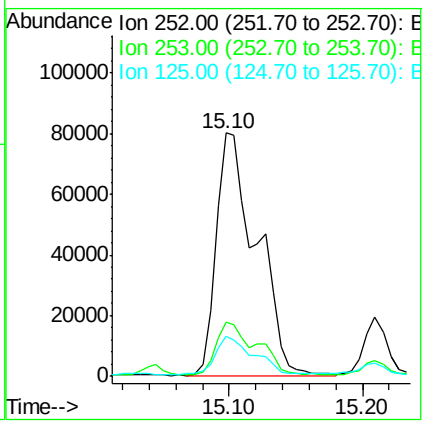


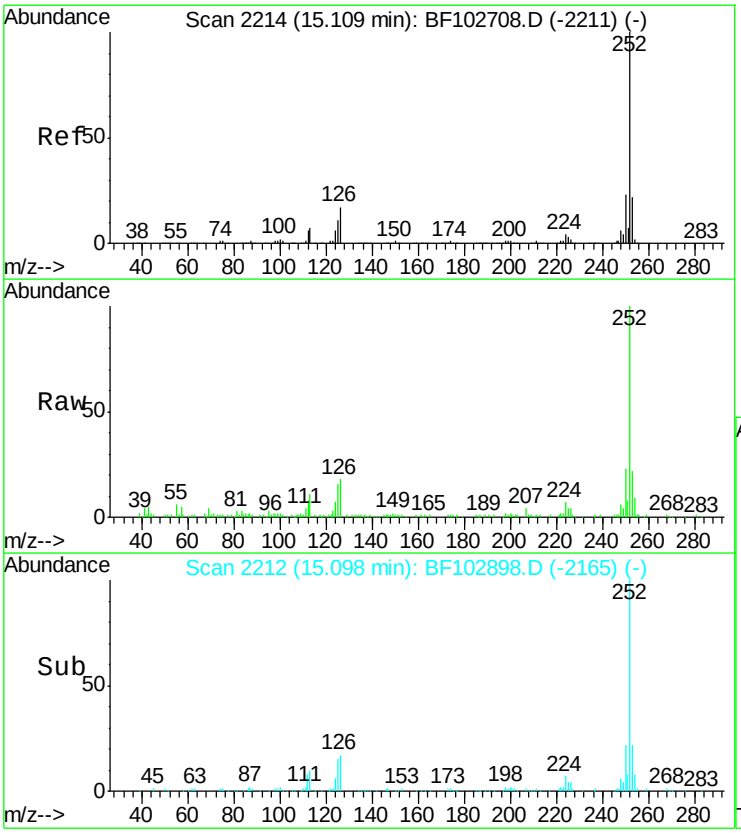
#87
Benzo(b)fluoranthene
Concen: 7.69 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 169892

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	16.4	9.0	13.6#

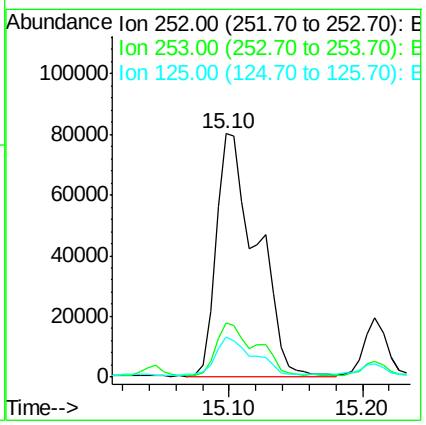


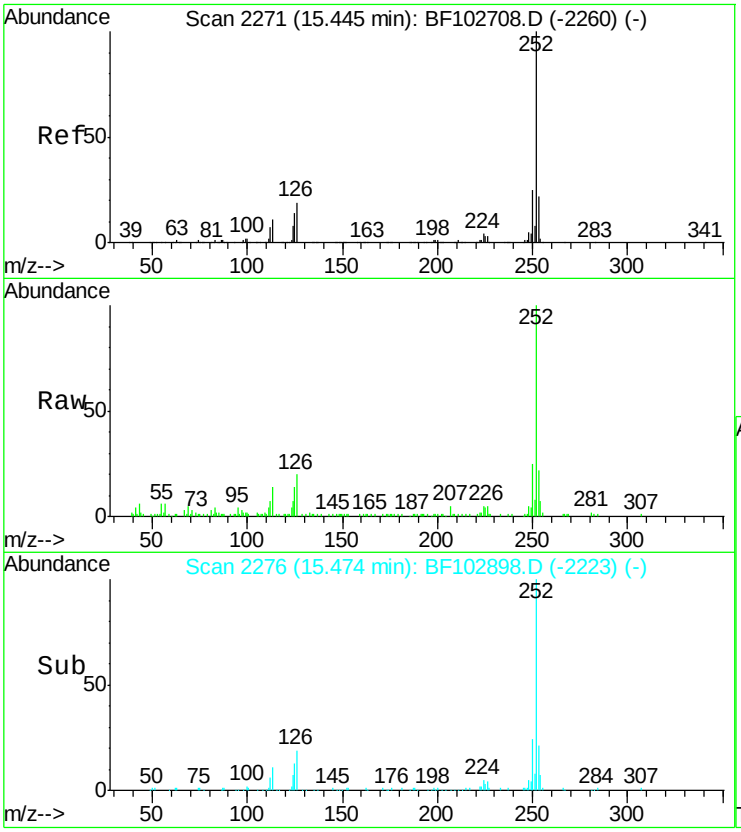


#88
Benzo(k)fluoranthene
Concen: 8.04 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:252 Resp: 169892

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	16.4	10.2	15.2#



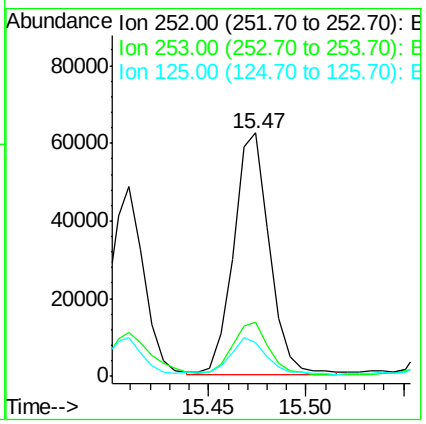


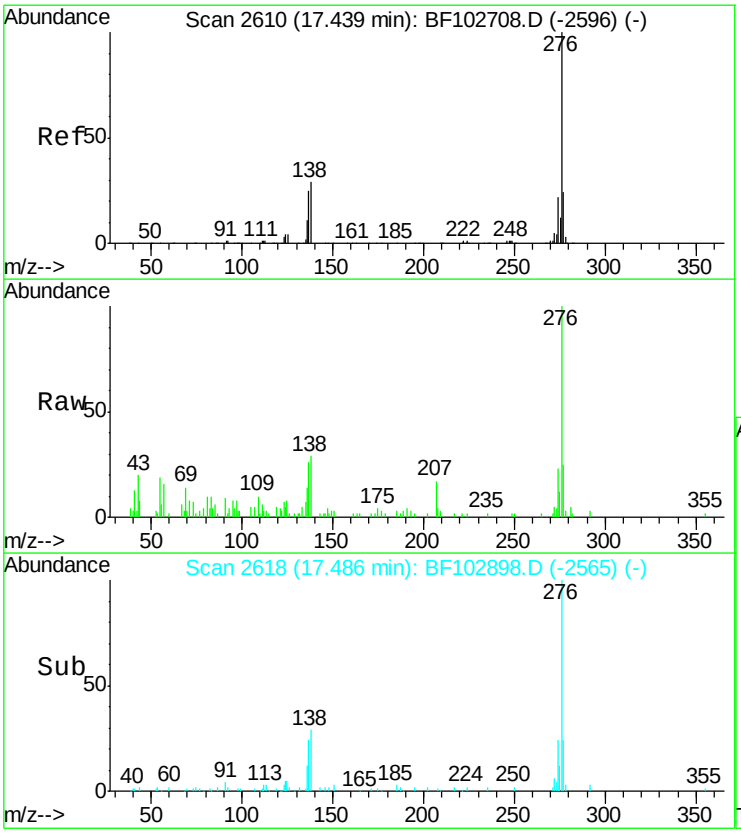
#89
Benzo(a)pyrene
Concen: 3.97 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 78895

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.50 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF102898.D
Acq: 9 Feb 2018 19:32

Tgt Ion:276 Resp: 39444

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	28.6	21.8	32.8