Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103083.D
Acq On : 19 Feb 2018 15:38
Operator : SJ/JU
Sample : J1604-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 19 17:03:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166457	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	699751	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	295287	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	479203	20.00	ng		0.00
75) Chrysene-d12	14.05	240	304145	20.00	ng		0.00
86) Perylene-d12	15.54	264	320818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1073121	97.91	ng		0.01
7) Phenol-d6	6.51	99	1290075	97.75	ng		0.00
23) Nitrobenzene-d5	7.44	82	833119	82.59	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	249202	104.85	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1247100	70.08	ng		0.00
78) Terphenyl-d14	12.99	244	914074	71.16	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	108489	12.468	ng	#	78
25) Isophorone	7.44	82	833114	35.868	ng	#	64
47) 2-Nitroaniline	9.62	65	935	3.616	ng	#	1
49) Dimethylphthalate	9.62	163	82868	3.599	ng		99
50) 2,6-Dinitrotoluene	9.92	165	38306	8.745	ng	#	25
55) 4-Nitrophenol	10.12	139	4002	4.882	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	38306	9.178	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	546	9.045	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	16927	3.339	ng	#	1
70) Phenanthrene	11.43	178	234558	8.789	ng		99
74) Fluoranthene	12.62	202	254375	9.473	ng		97
77) Pyrene	12.85	202	203119	8.517	ng		97
80) Benzo(a)anthracene	14.04	228	68906	3.602	ng		98
82) Chrysene	14.07	228	78266	4.059	ng		100
85) Indeno(1,2,3-cd)pyrene	17.04	276	38765	2.424	ng		95
87) Benzo(b)fluoranthene	15.10	252	132488	6.370	ng	#	96
88) Benzo(k)fluoranthene	15.10	252	132488	6.666	ng		98
89) Benzo(a)pyrene	15.47	252	67335	3.596	ng	#	95
91) Benzo(g,h,i)perylene	17.50	276	35656	2.397	ng		94

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

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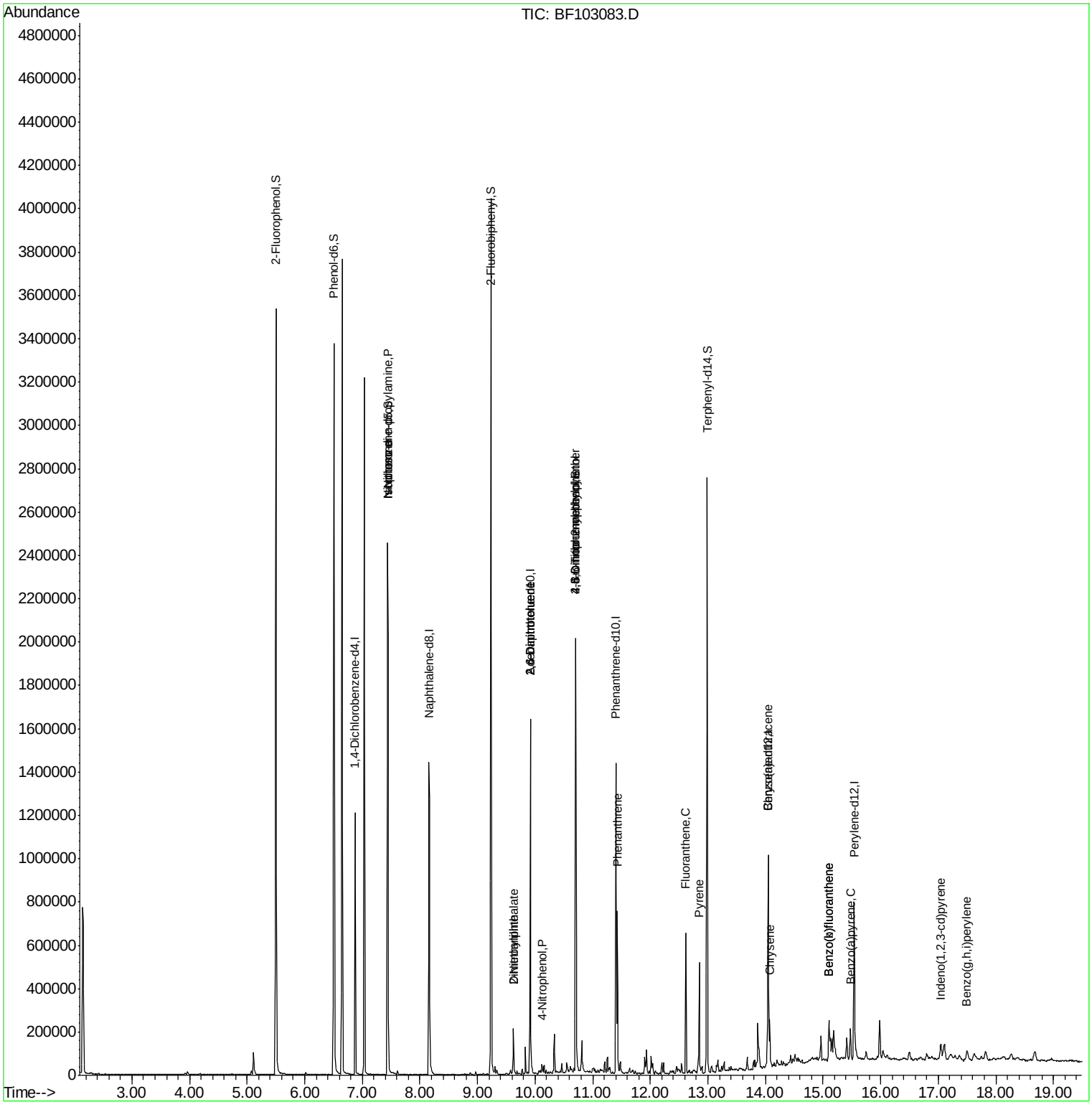
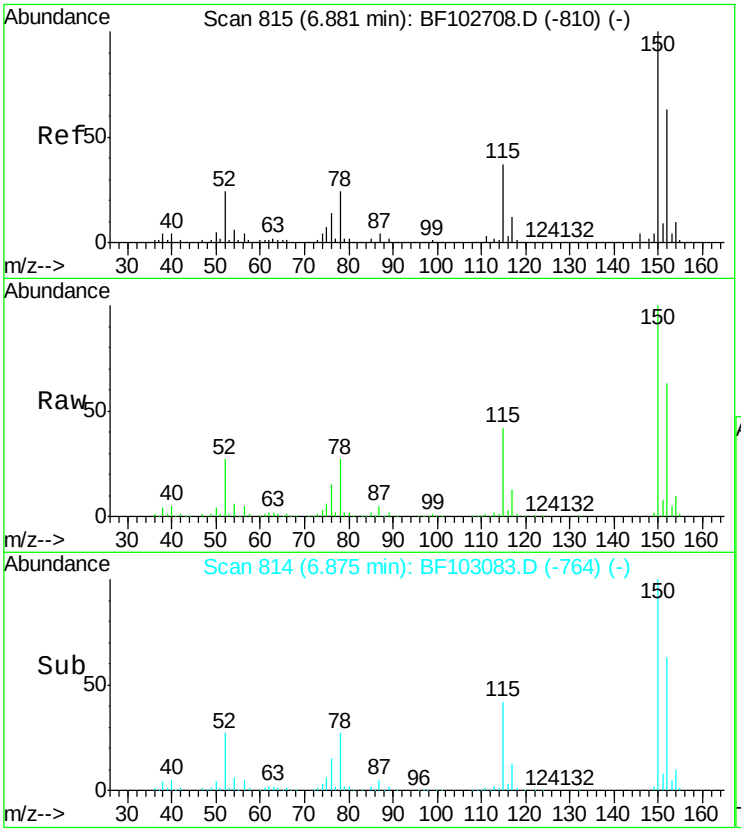


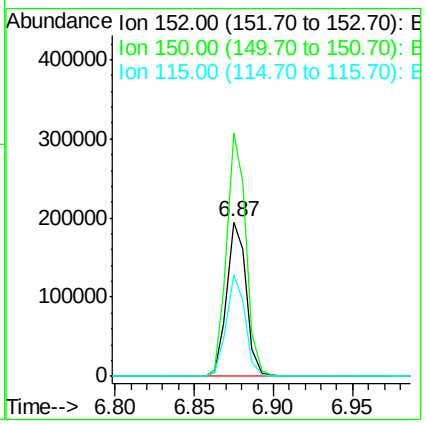


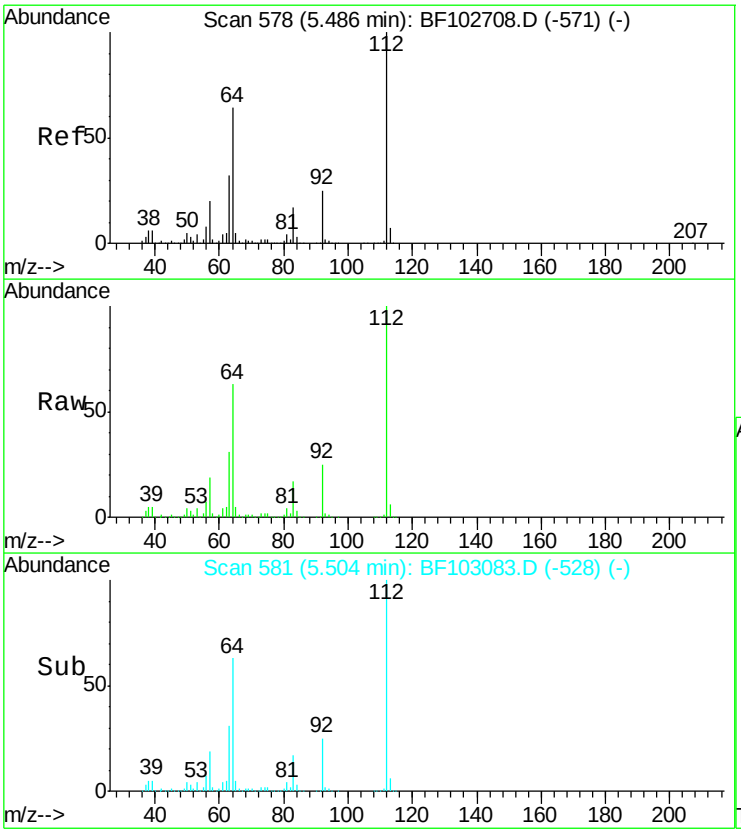
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 166457

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	66.3	50.1	75.1

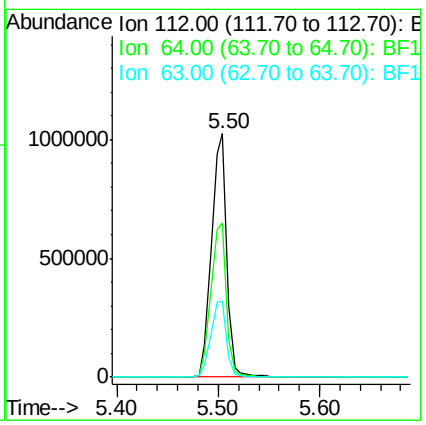


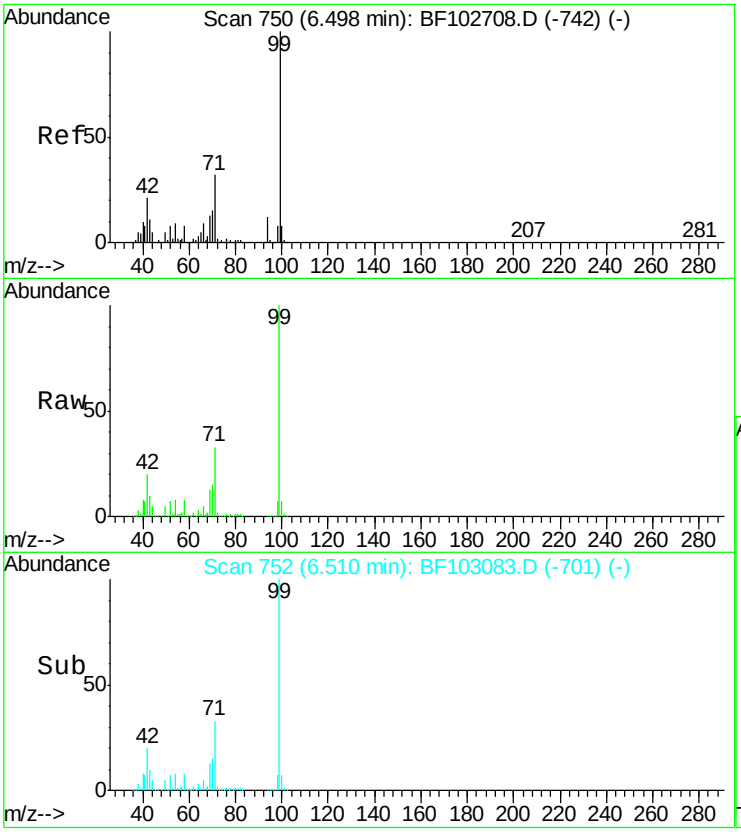


#5
2-Fluorophenol
Concen: 97.906 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:112 Resp: 1073121

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	31.1	23.7	35.5



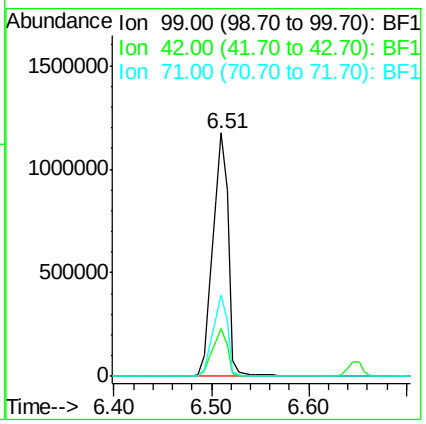


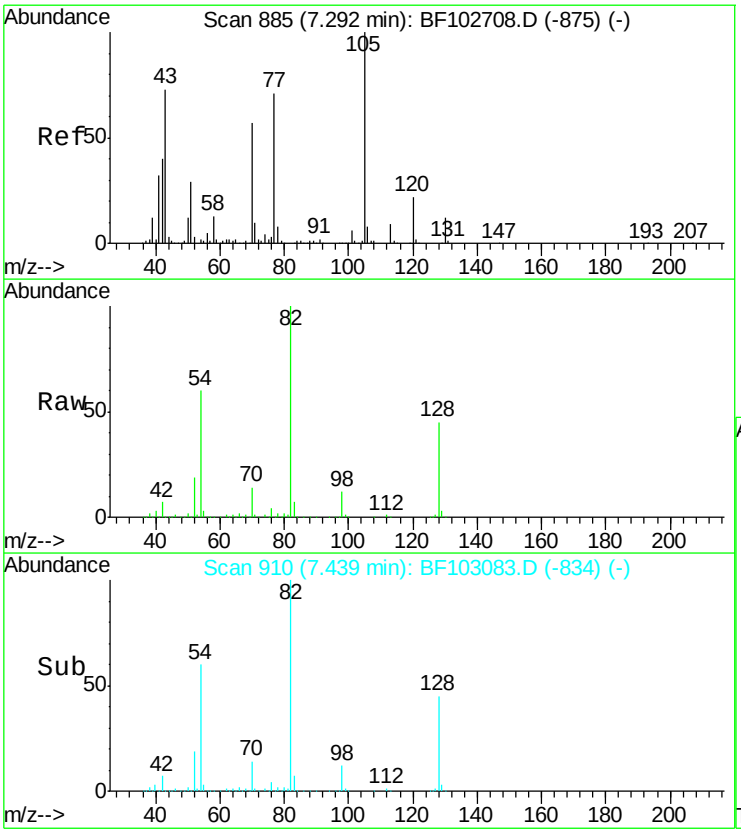
#7
Phenol-d6
Concen: 97.752 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1290075

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.4	25.4	38.0

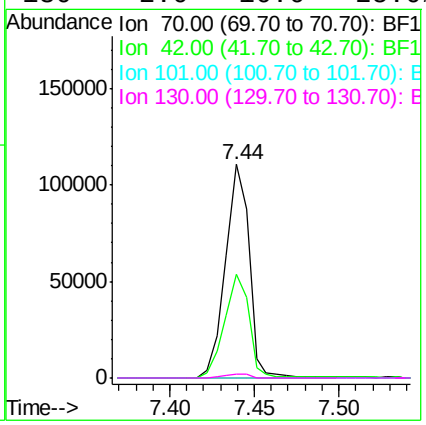


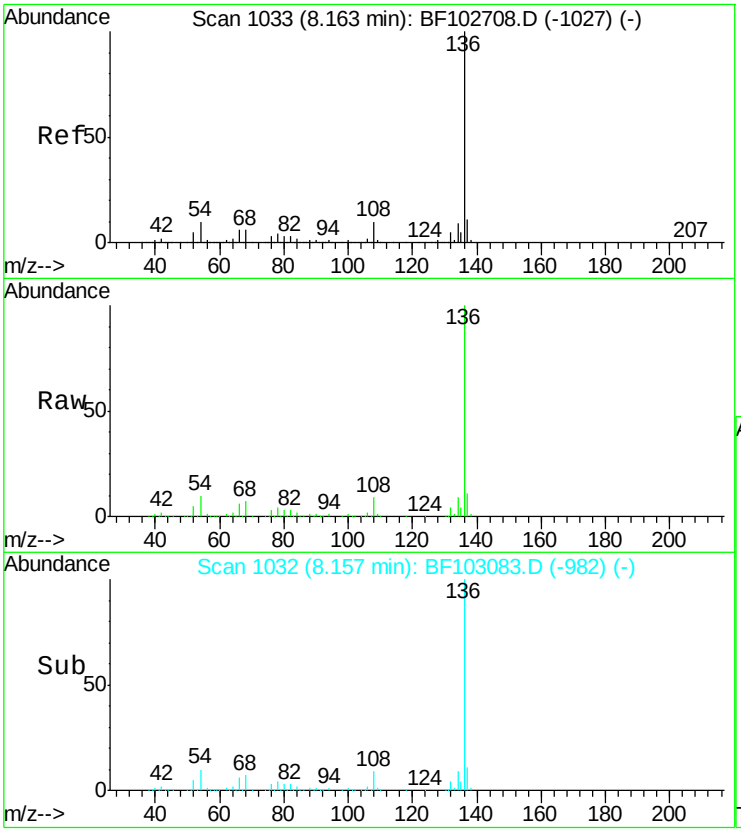


#19
n-Nitroso-di-n-propylamine
Concen: 12.468 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion: 70 Resp: 108489

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



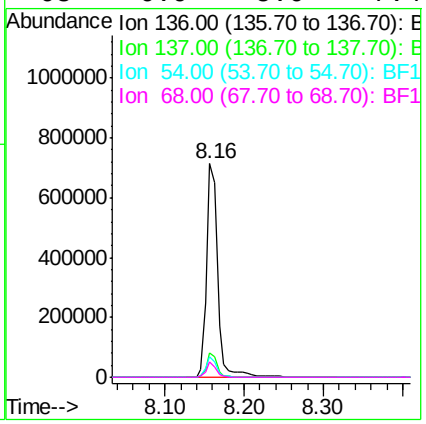


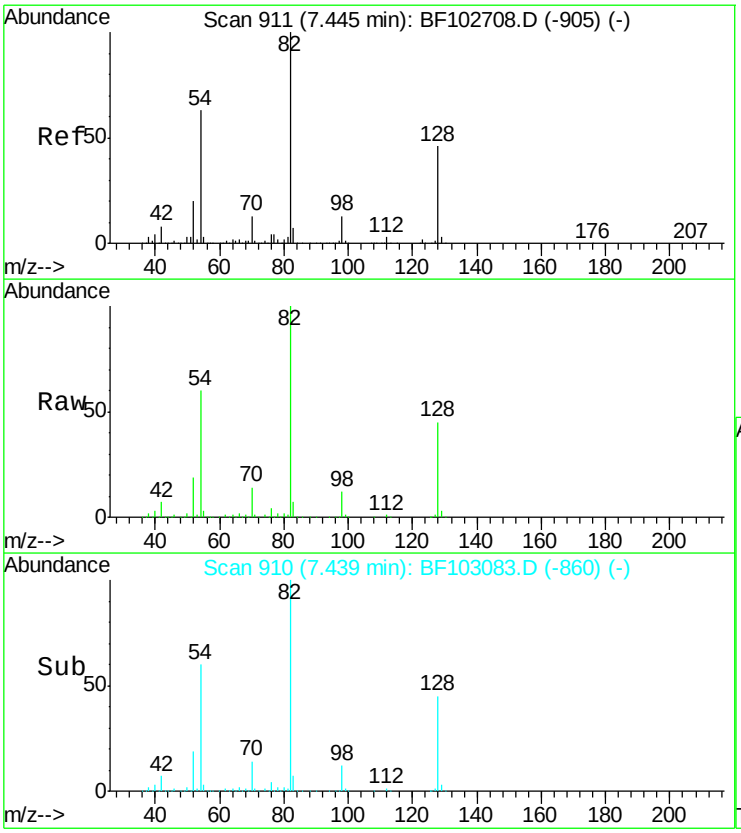
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 699751

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.9	6.6	9.8#
68	6.9	5.0	7.4

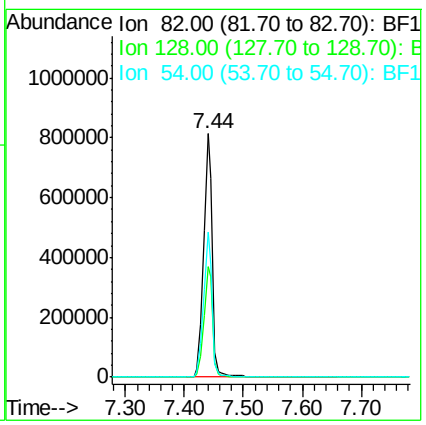


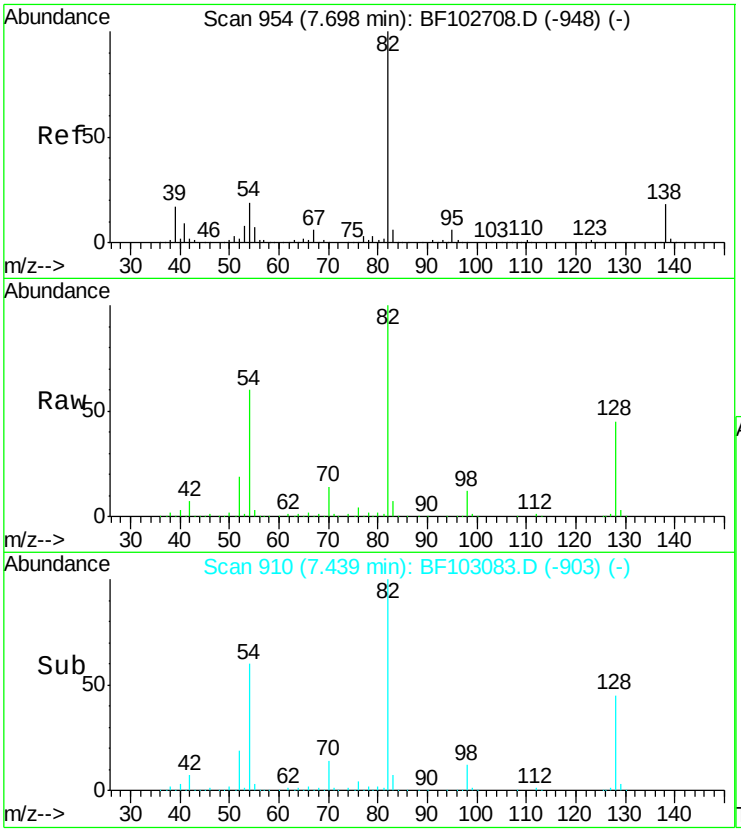


#23
Nitrobenzene-d5
Concen: 82.592 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion: 82 Resp: 833119

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	59.6	41.4	62.2



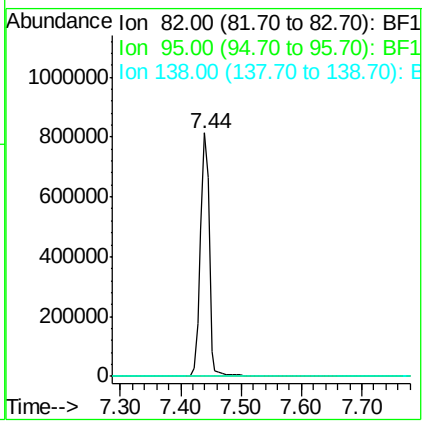


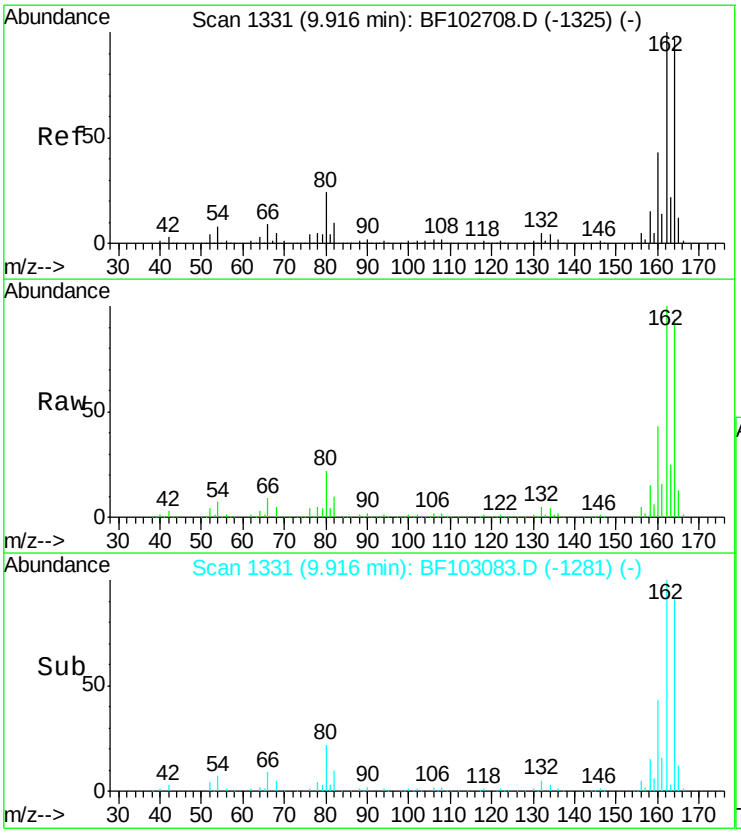
#25
Isophorone
Concen: 35.868 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 833114

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

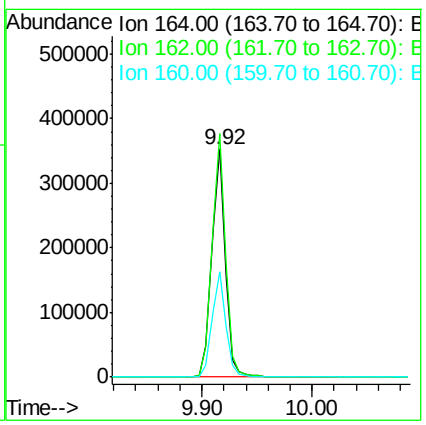


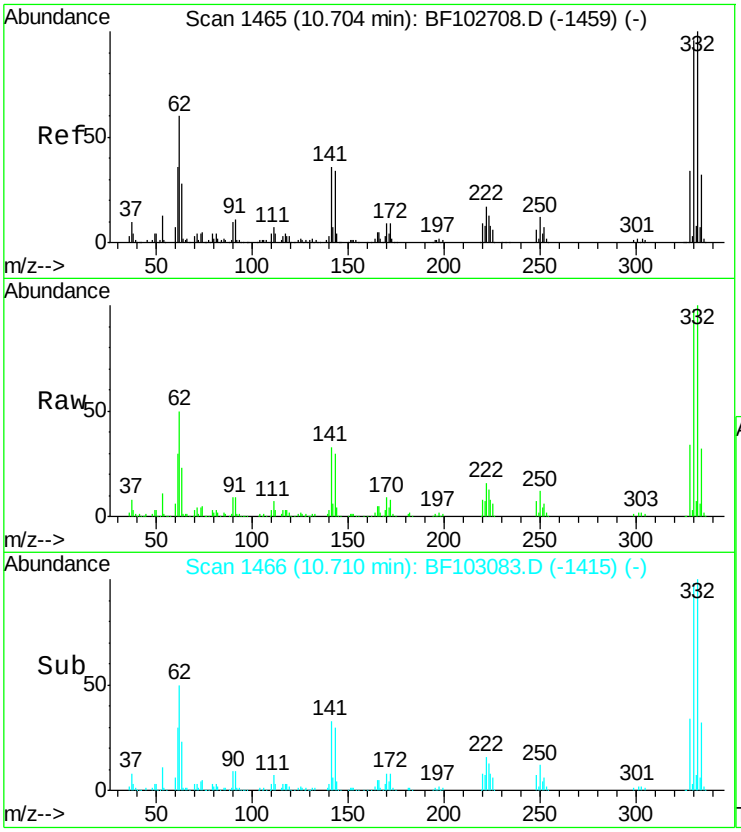


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:164 Resp: 295287

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.3	38.3	57.5



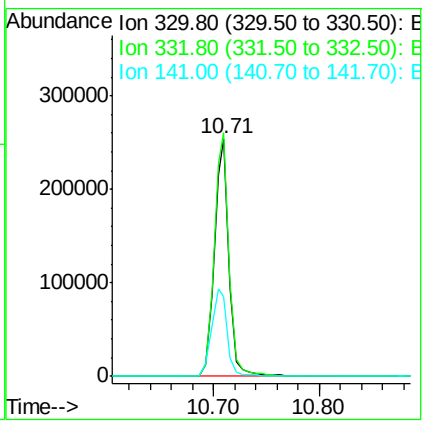


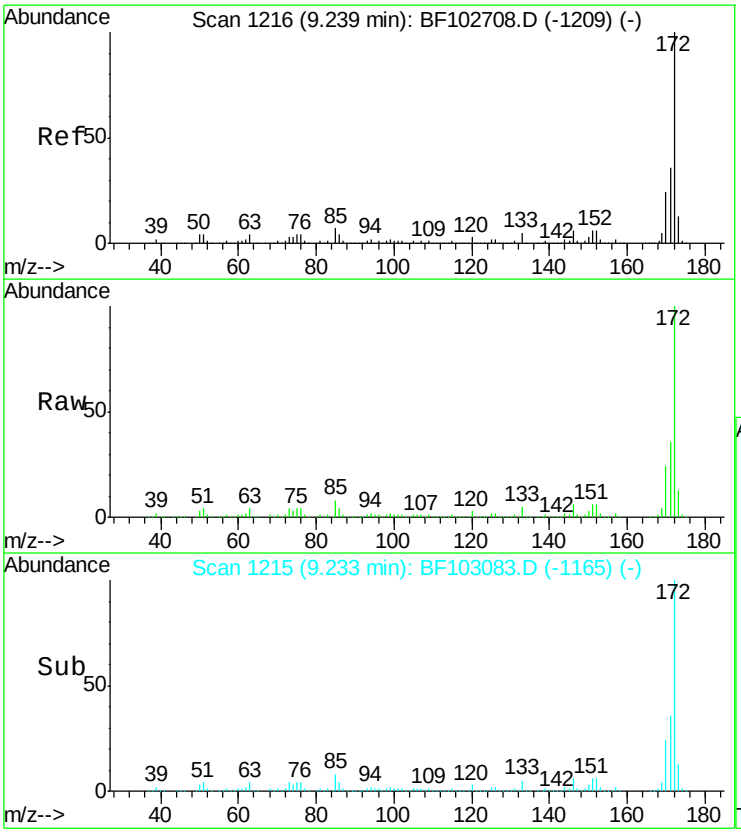
#41
2,4,6-Tribromophenol
Concen: 104.851 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 249202

Ion	Ratio	Lower	Upper
330	100		
332	104.0	77.0	115.6
141	39.4	29.9	44.9

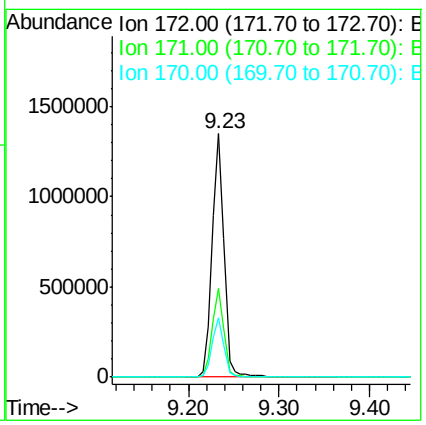


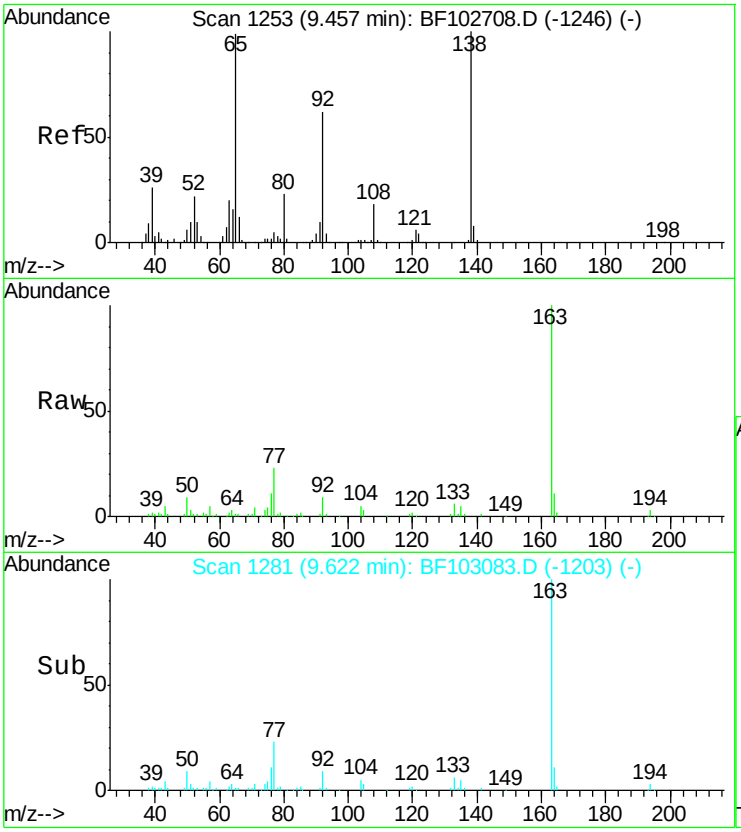


#44
2-Fluorobiphenyl
Concen: 70.080 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:172 Resp: 1247100

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4



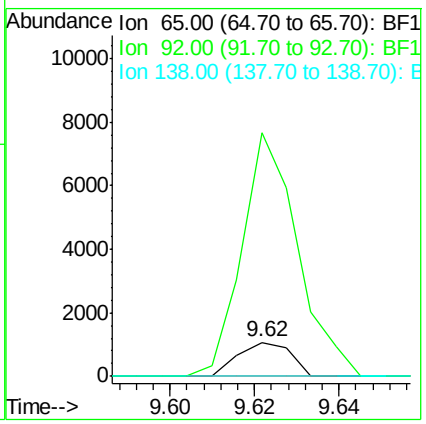


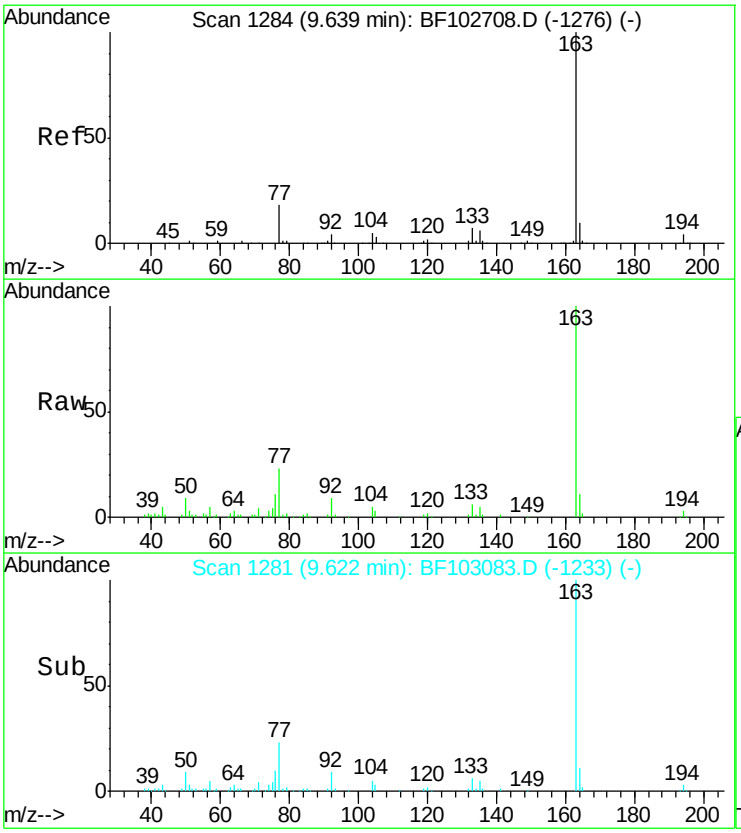
#47
2-Nitroaniline
Concen: 3.616 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 935

Ion	Ratio	Lower	Upper
65	100		
92	711.3	55.8	83.6#
138	0.0	91.2	136.8#

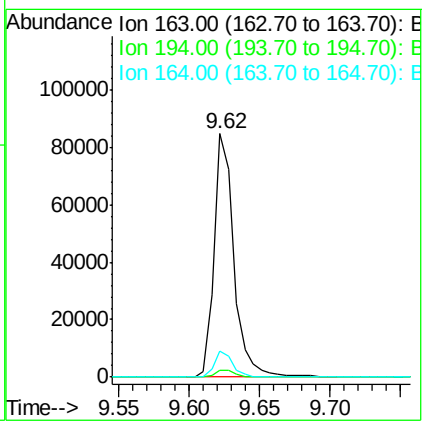


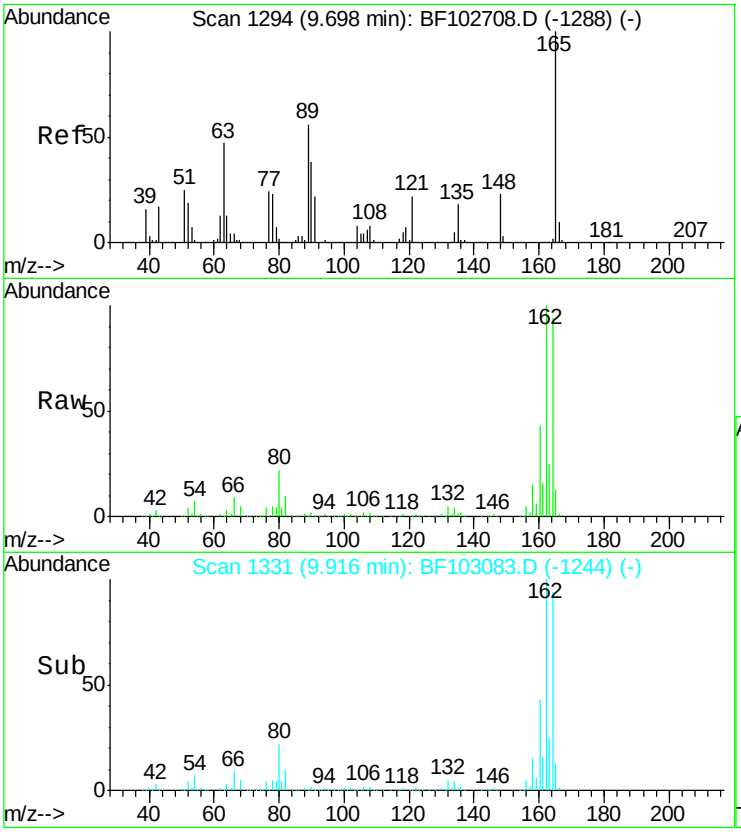


#49
Dimethylphthalate
Concen: 3.599 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:163 Resp: 82868

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.5	8.2	12.2



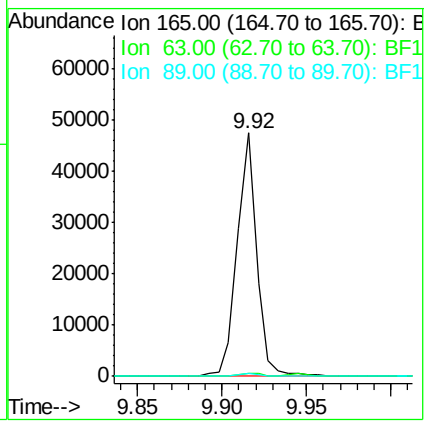


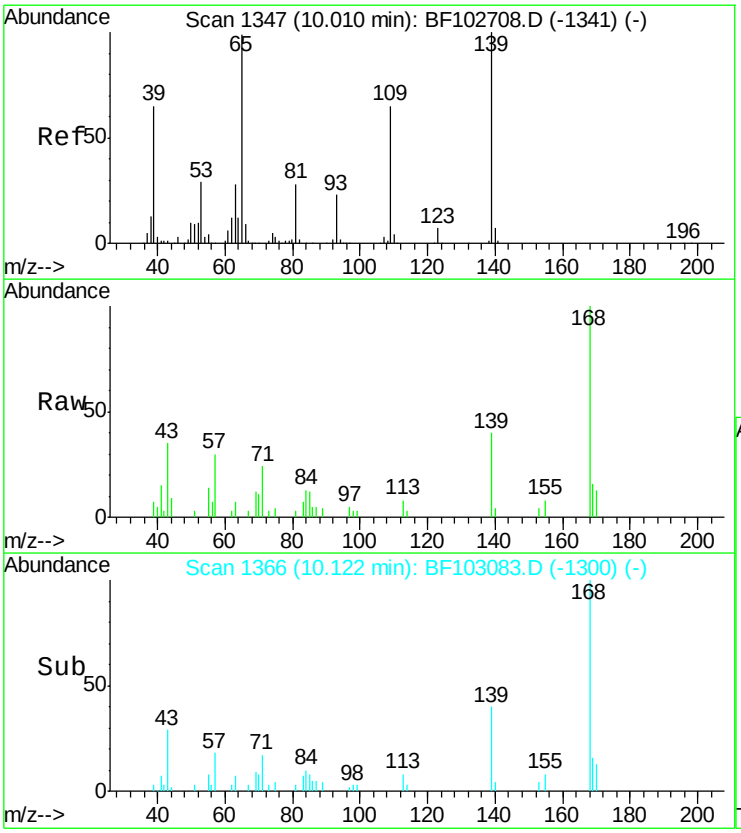
#50
2,6-Dinitrotoluene
Concen: 8.745 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38306

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

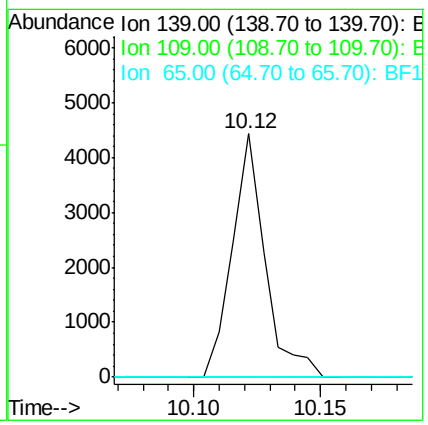


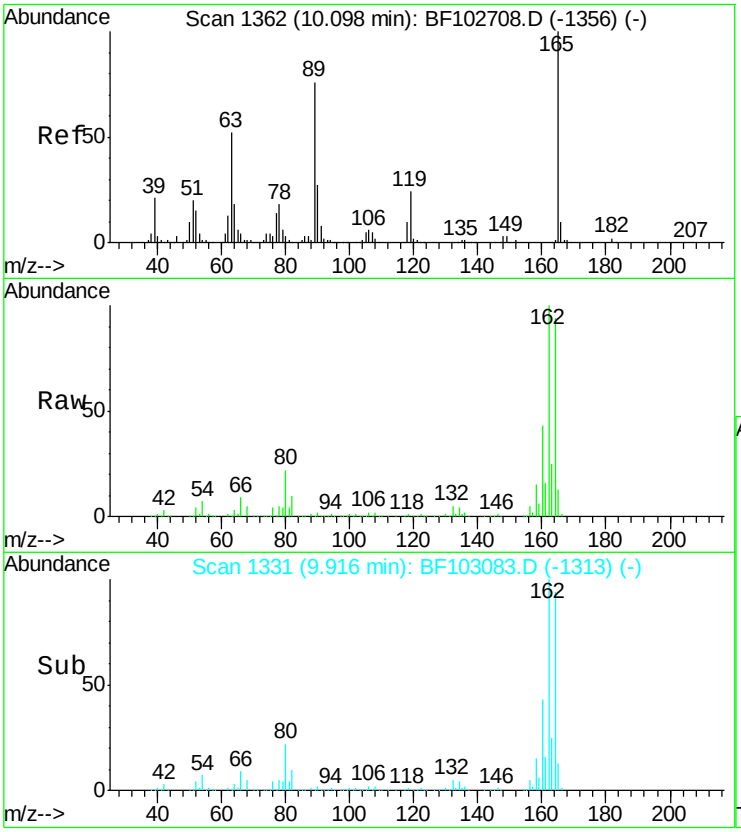


#55
4-Nitrophenol
Concen: 4.882 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:139 Resp: 4002

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



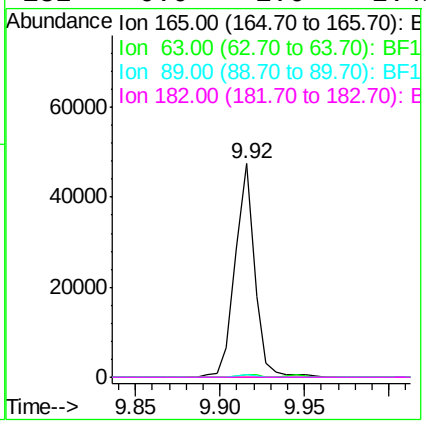


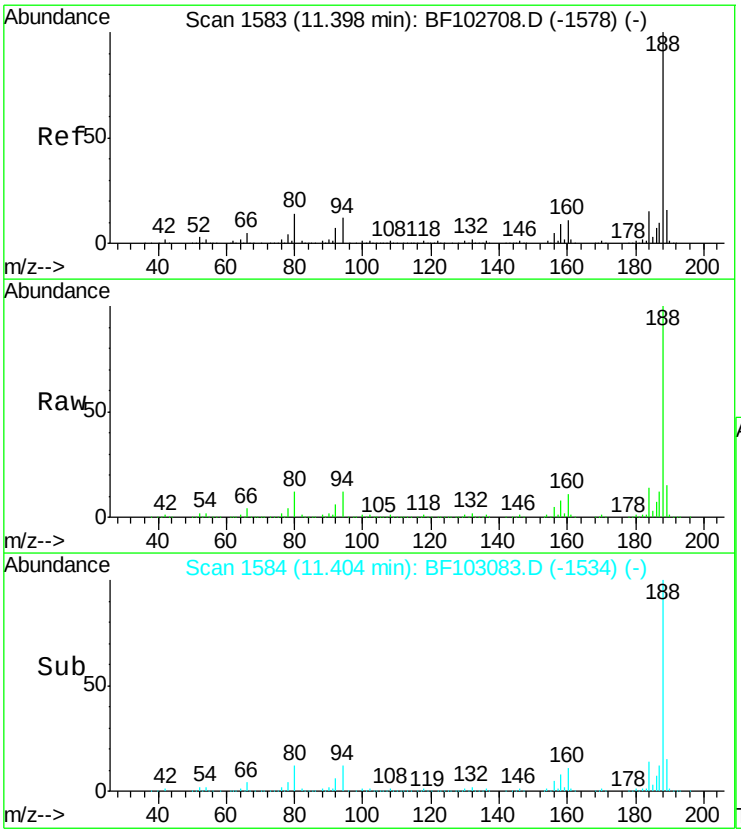
#56
2,4-Dinitrotoluene
Concen: 9.178 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38306

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

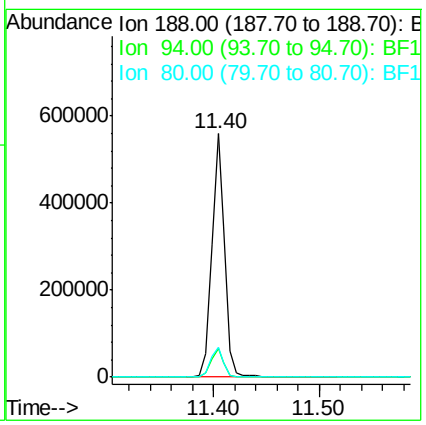


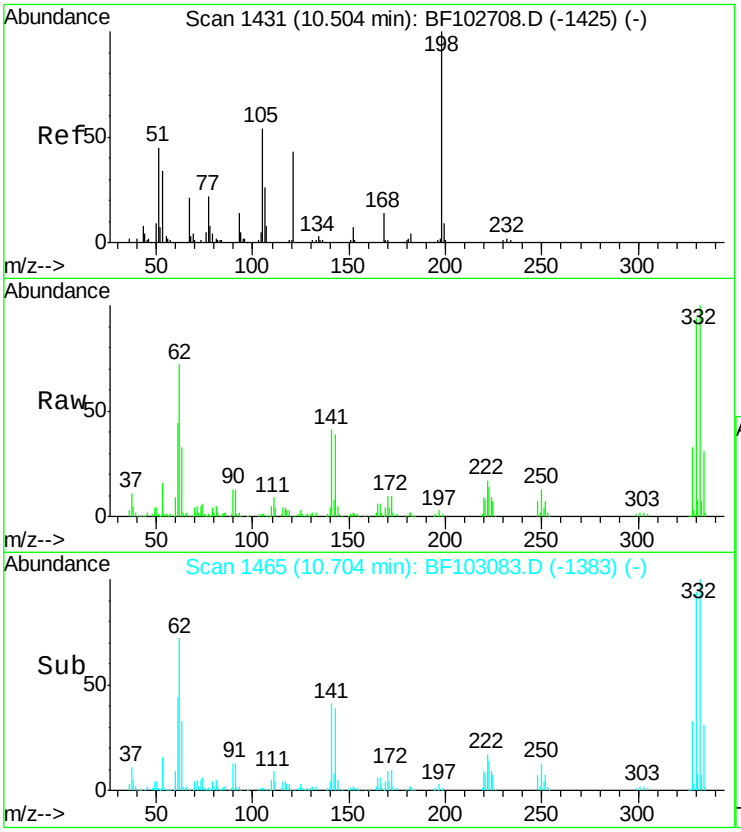


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:188 Resp: 479203

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	9.2	13.8



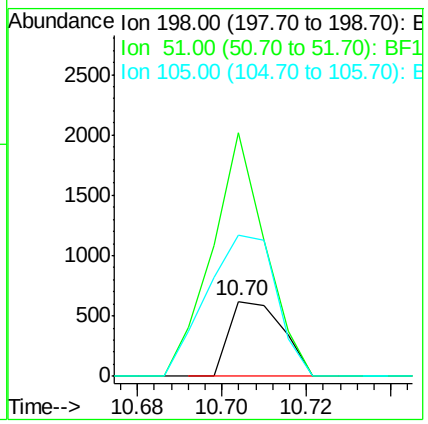


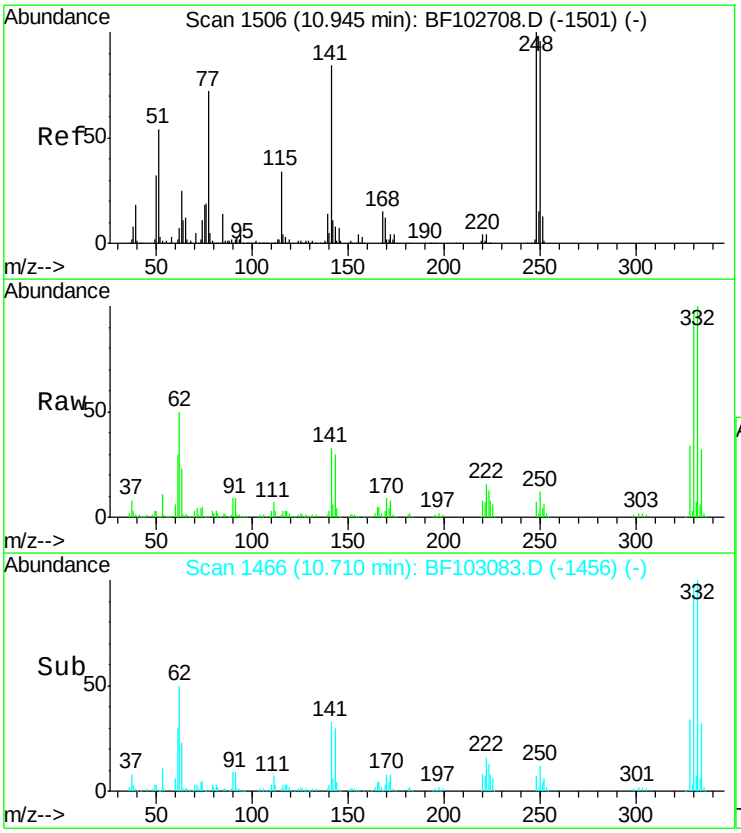
#64
4,6-Dinitro-2-methylphenol
Concen: 9.045 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 546

Ion	Ratio	Lower	Upper
198	100		
51	325.8	37.7	77.7#
105	188.9	36.3	76.3#

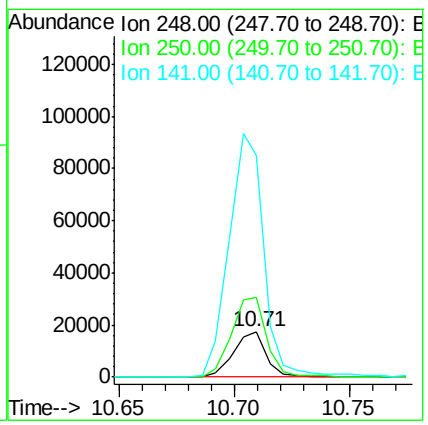


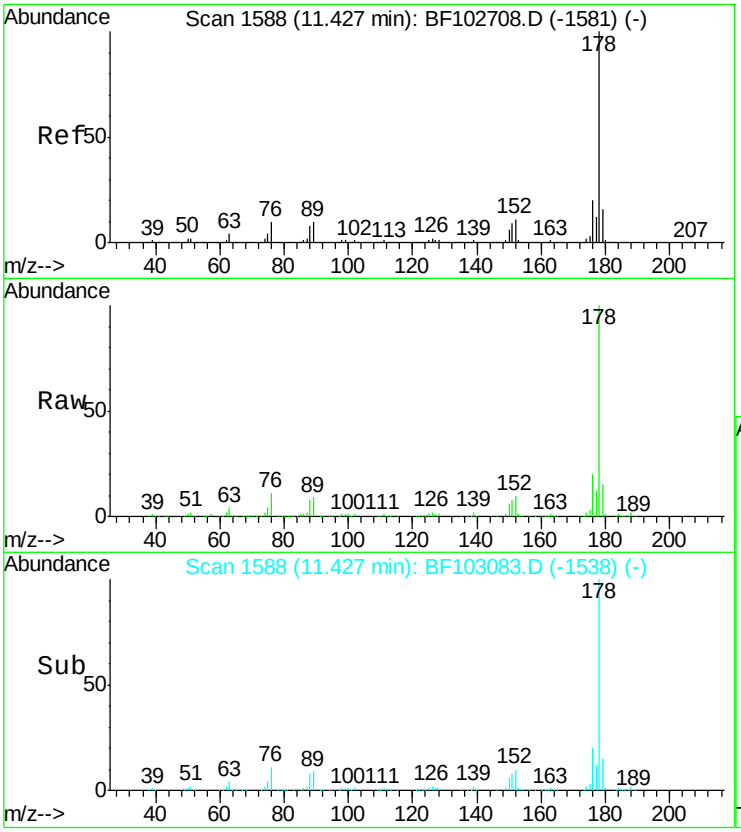


#66
4-Bromophenyl-phenylether
Concen: 3.339 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:248 Resp: 16927

Ion	Ratio	Lower	Upper
248	100		
250	174.7	76.9	115.3#
141	487.0	74.4	111.6#



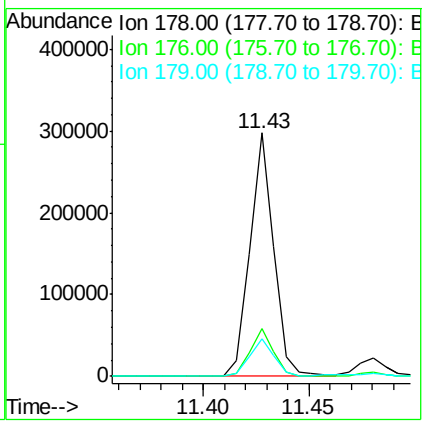


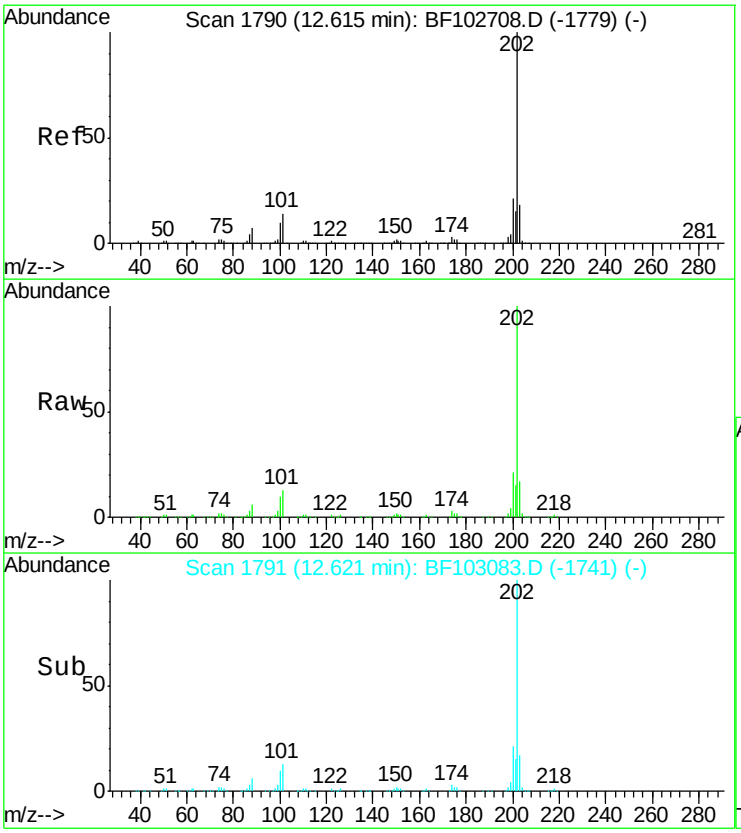
#70
Phenanthrene
Concen: 8.789 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 234558

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	13.0	19.6

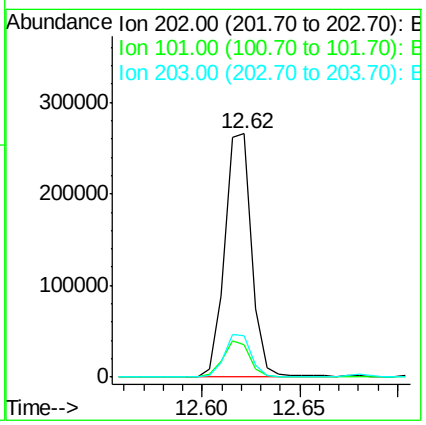


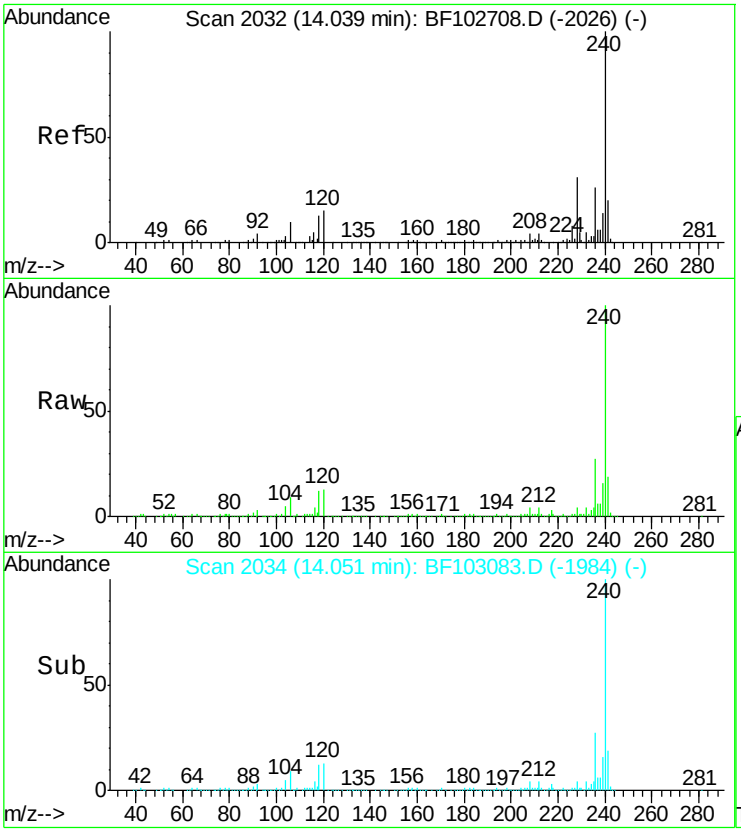


#74
Fluoranthene
Concen: 9.473 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:202 Resp: 254375

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	16.8	0.0	38.1



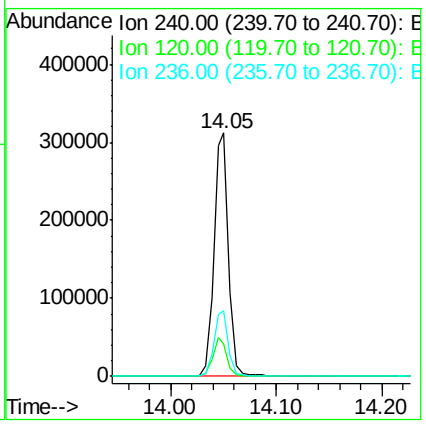


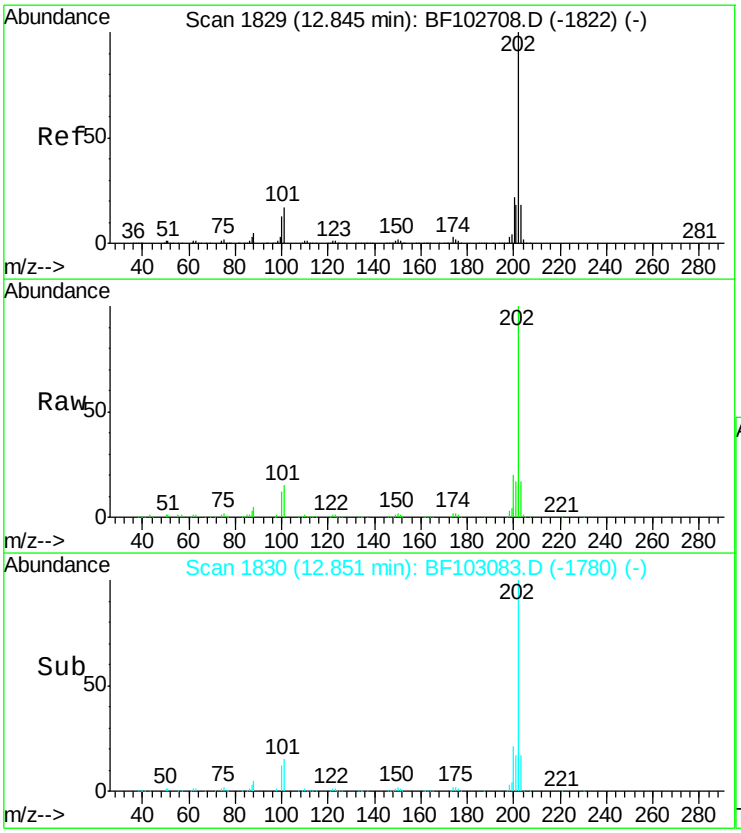
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 304145

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	27.0	20.7	31.1

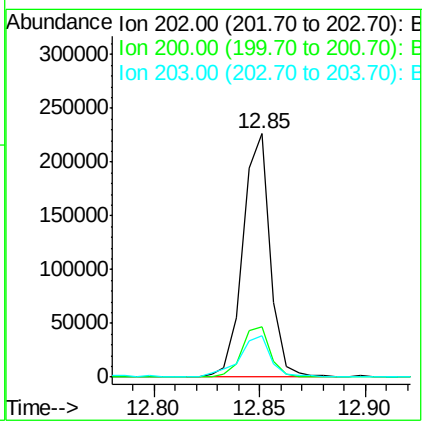


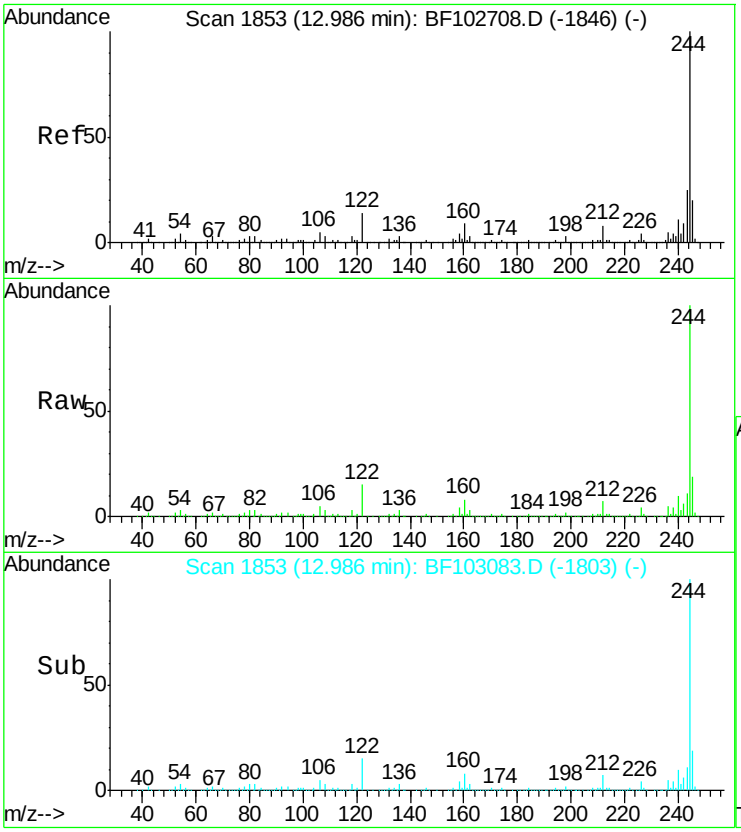


#77
Pyrene
Concen: 8.517 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:202 Resp: 203119

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.9	14.3	21.5



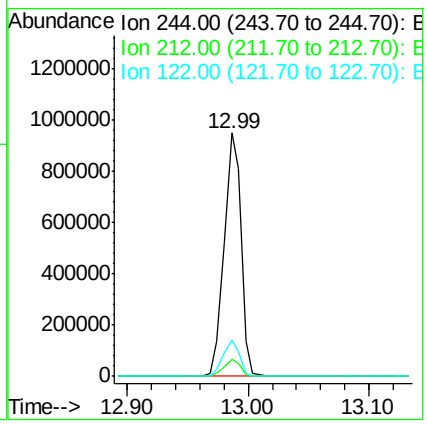


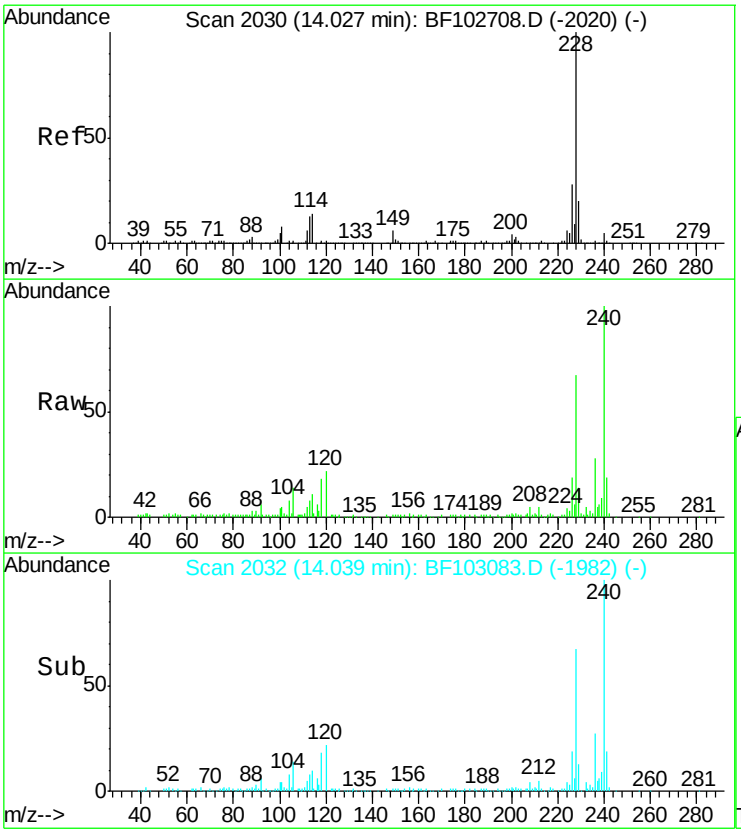
#78
Terphenyl-d14
Concen: 71.161 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 914074

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.0	11.0	16.4

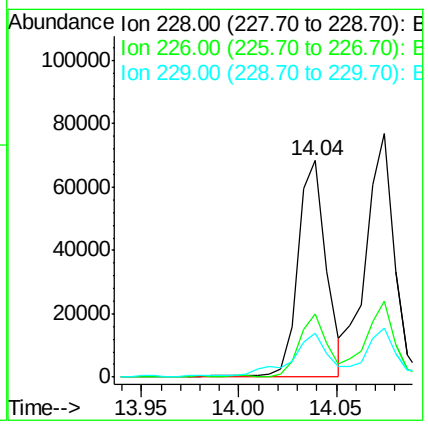


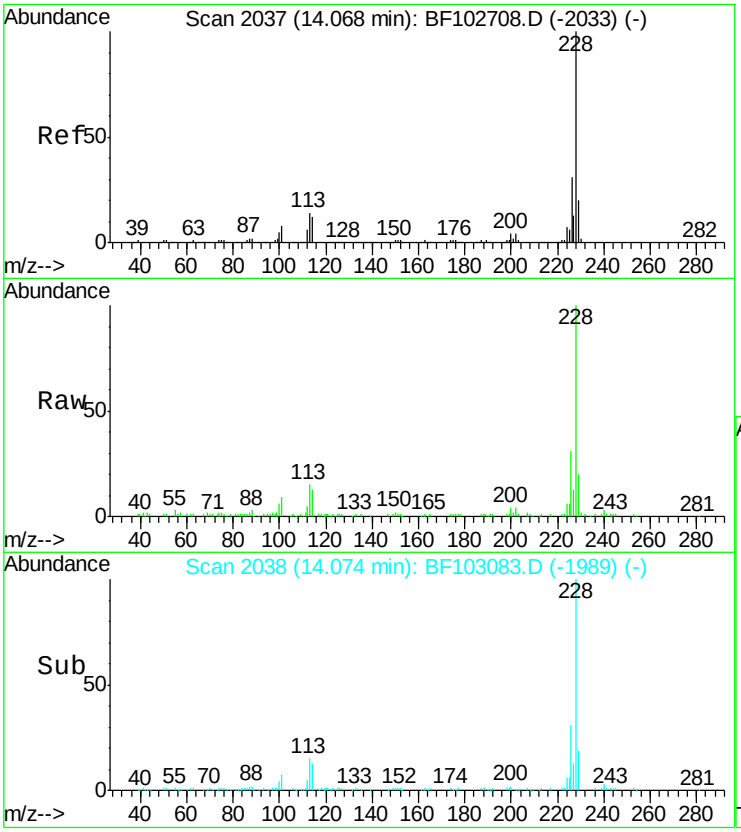


#80
Benzo(a)anthracene
Concen: 3.602 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:228 Resp: 68906

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.5	15.8	23.6



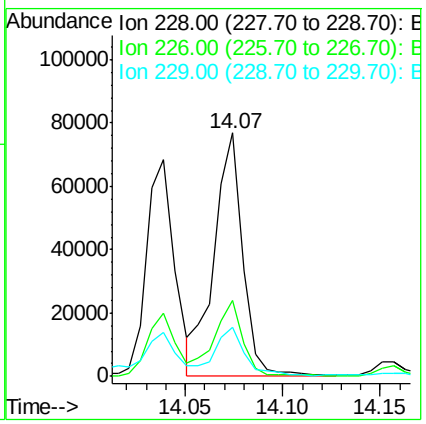


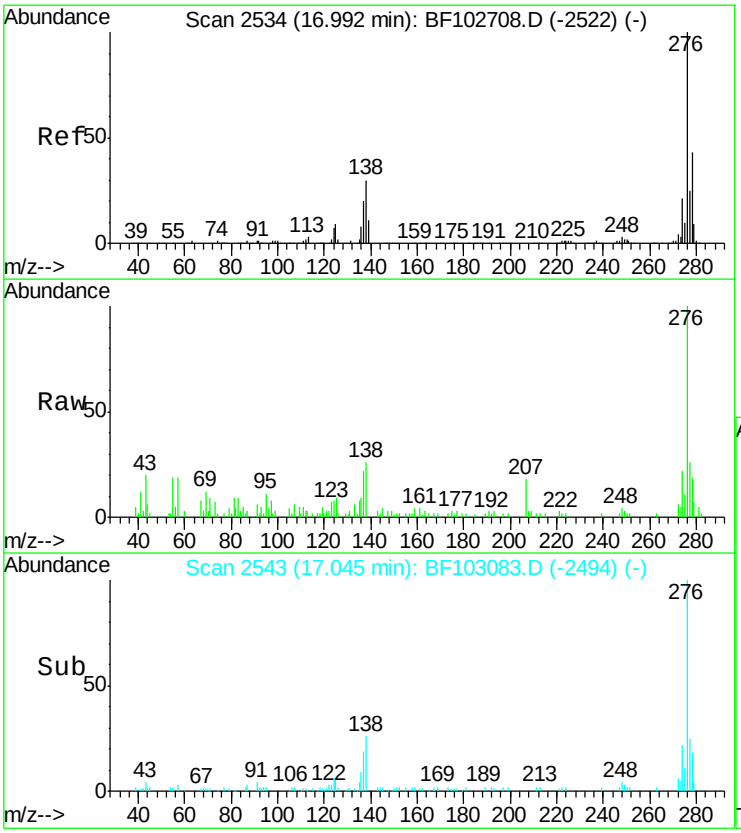
#82
Chrysene
Concen: 4.059 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 78266

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.2	24.4

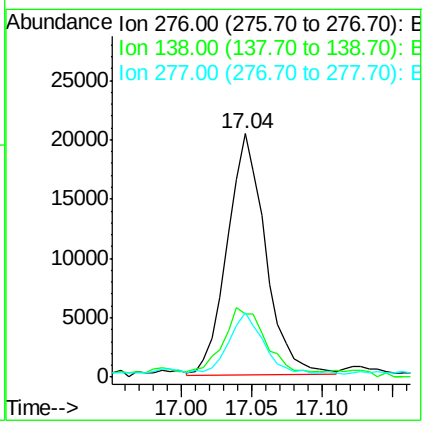


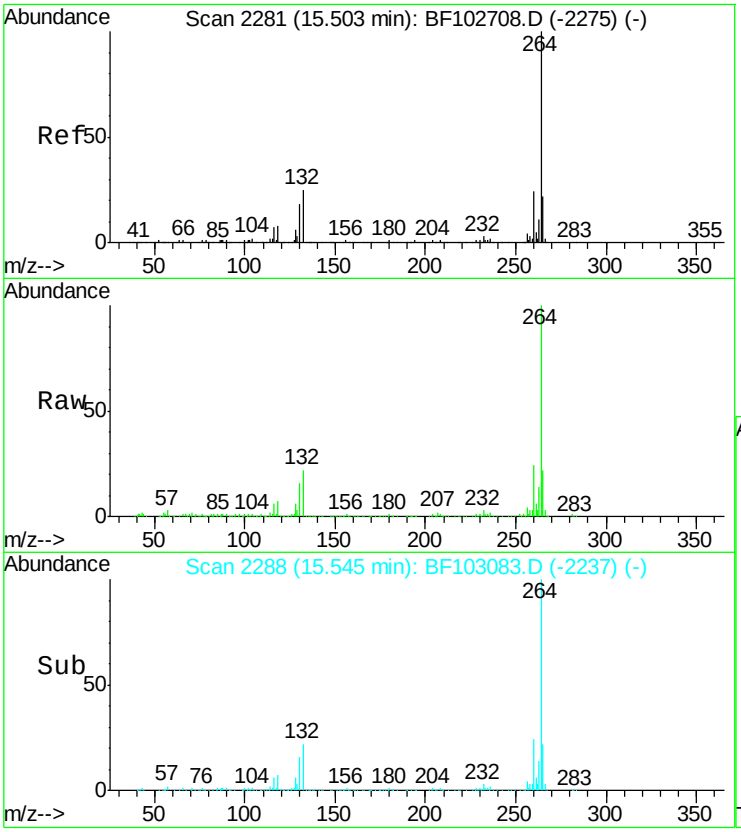


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.424 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:276 Resp: 38765

Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	22.5	20.1	30.1



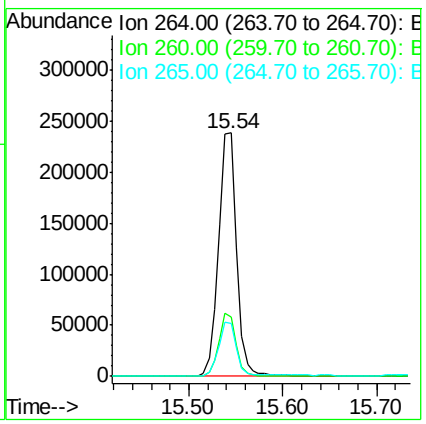


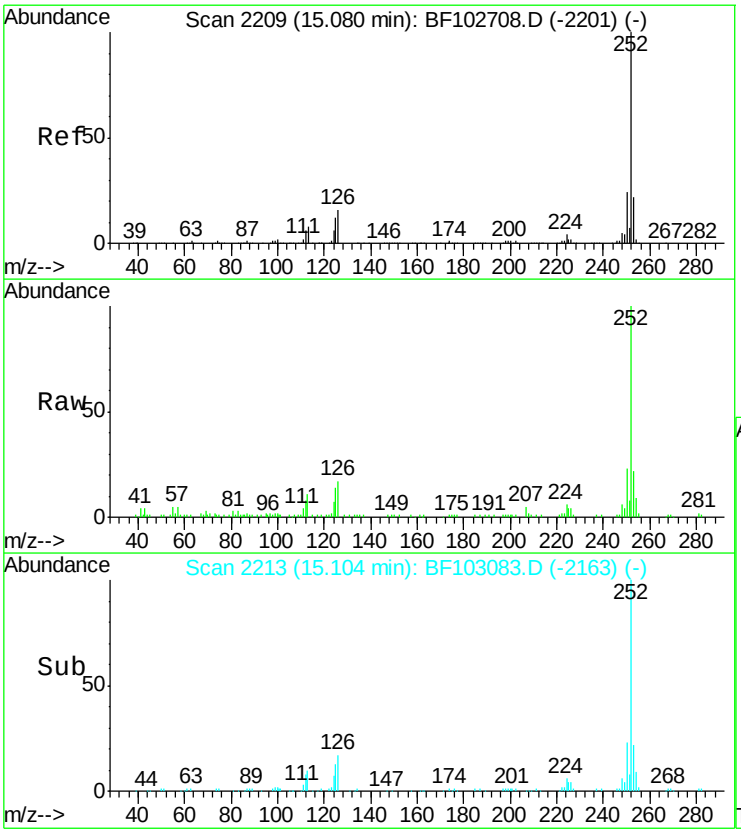
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 320818

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

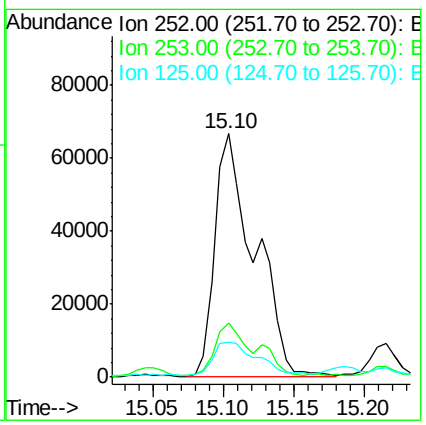


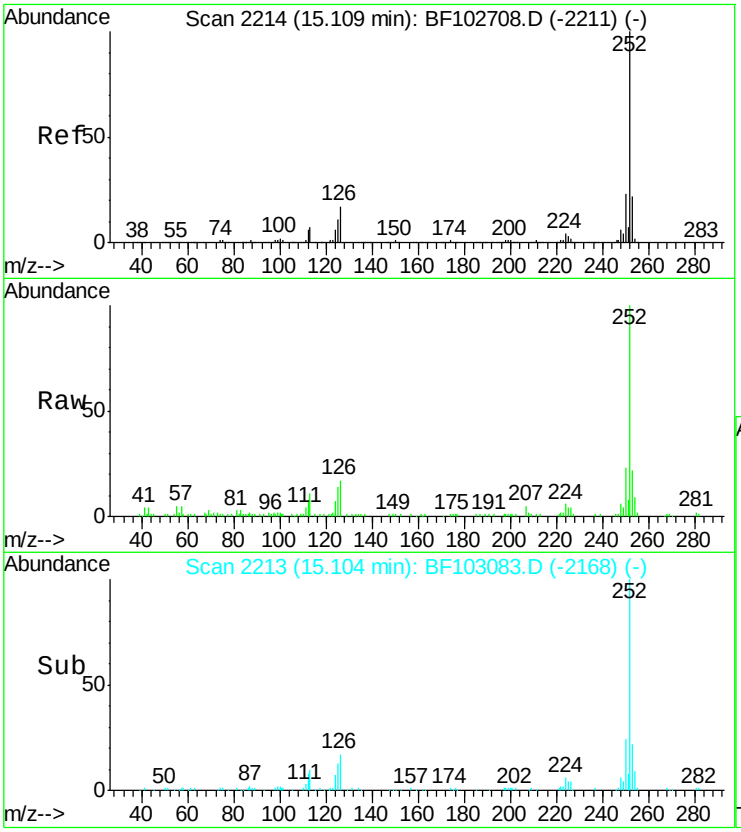


#87
Benzo(b)fluoranthene
Concen: 6.370 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:252 Resp: 132488

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.2	9.0	13.6#



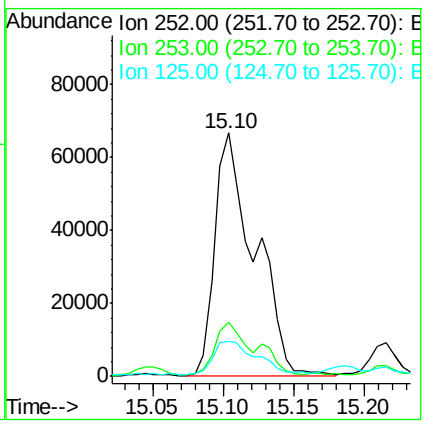


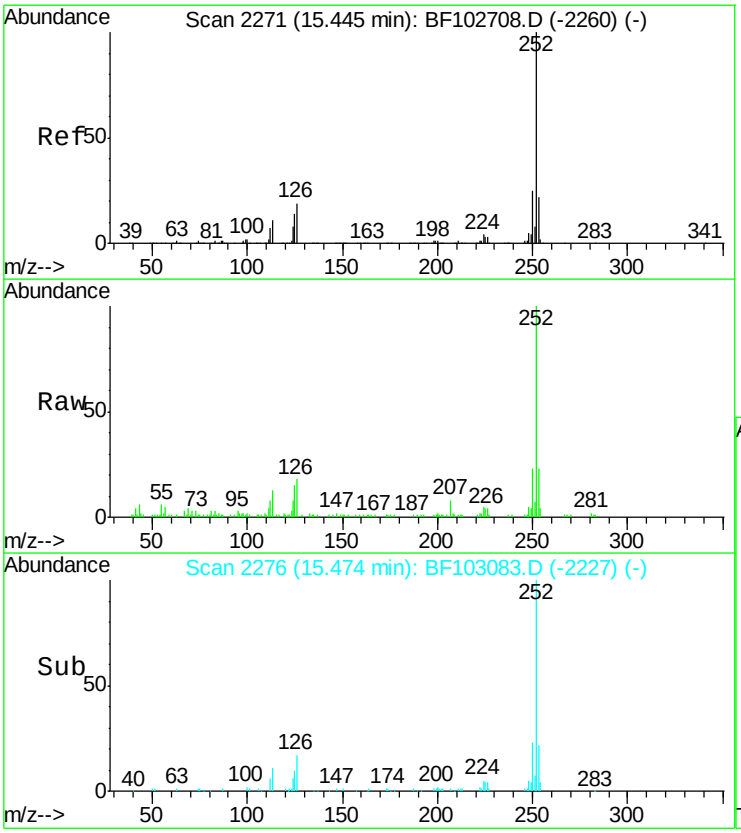
#88
Benzo(k)fluoranthene
Concen: 6.666 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 132488

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.2	10.2	15.2

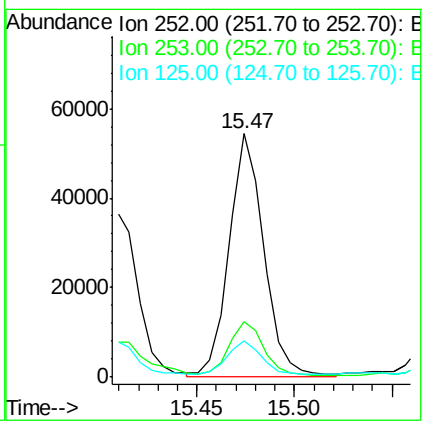


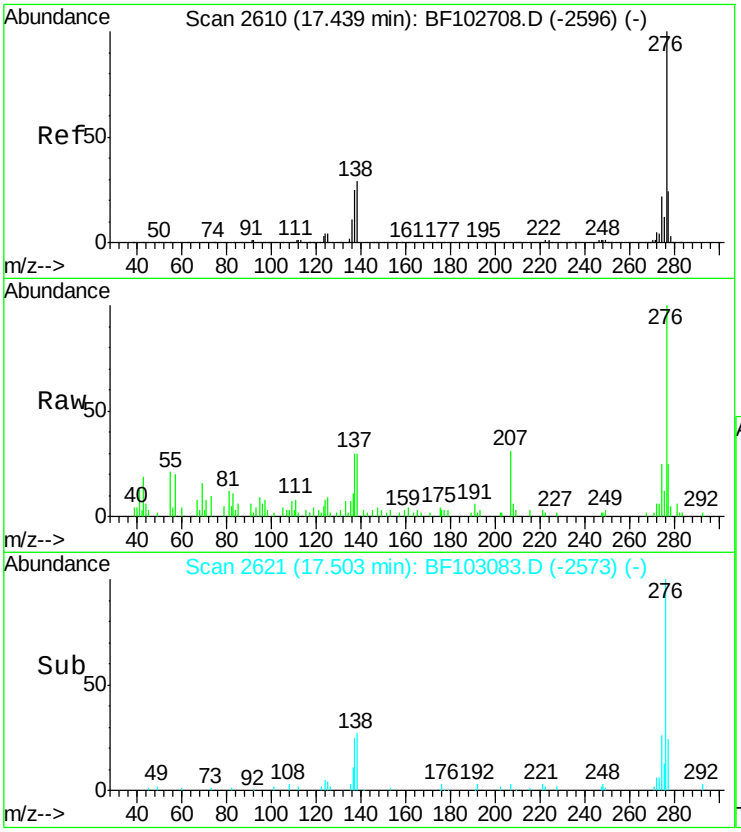


#89
Benzo(a)pyrene
Concen: 3.596 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion:252 Resp: 67335

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.397 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 35656

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	30.2	21.8	32.8