Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102884.D
Acq On : 9 Feb 2018 13:11
Operator : SJ/JU
Sample : J1475-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 13:53:08 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	167155	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	631313	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	268055	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	402710	20.00	ng		0.00
75) Chrysene-d12	14.06	240	329119	20.00	ng		0.00
86) Perylene-d12	15.54	264	315295	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	973354	88.43	ng		0.01
7) Phenol-d6	6.52	99	1151577	86.89	ng		0.01
23) Nitrobenzene-d5	7.45	82	743570	81.71	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	174721	80.98	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	981041	60.73	ng		0.00
78) Terphenyl-d14	13.00	244	719031	51.73	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	42892	3.020	ng		84
19) n-Nitroso-di-n-propylamine	7.45	70	102665	11.749	ng	#	85
25) Isophorone	7.45	82	743556	35.483	ng	#	64
47) 2-Nitroaniline	9.59	65	114	3.491	ng	#	2
49) Dimethylphthalate	9.63	163	76102	3.641	ng		99
50) 2,6-Dinitrotoluene	9.93	165	34784	8.748	ng	#	26
55) 4-Nitrophenol	10.13	139	2490	4.612	ng	#	9
56) 2,4-Dinitrotoluene	9.93	165	34784	9.180	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.72	198	334	8.977	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	12143	2.851	ng	#	1
70) Phenanthrene	11.44	178	171486	7.646	ng		97
71) Anthracene	11.49	178	47106	2.065	ng		98
74) Fluoranthene	12.63	202	305421	13.535	ng		99
77) Pyrene	12.86	202	262676	10.178	ng		99
80) Benzo(a)anthracene	14.04	228	149793	7.237	ng		98
82) Chrysene	14.08	228	122679	5.880	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	51948	3.002	ng		97
87) Benzo(b)fluoranthene	15.10	252	220312	10.778	ng	#	93
88) Benzo(k)fluoranthene	15.10	252	220312	11.280	ng	#	95
89) Benzo(a)pyrene	15.47	252	110875	6.026	ng	#	93
91) Benzo(g,h,i)perylene	17.50	276	50089	3.427	ng	#	91

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

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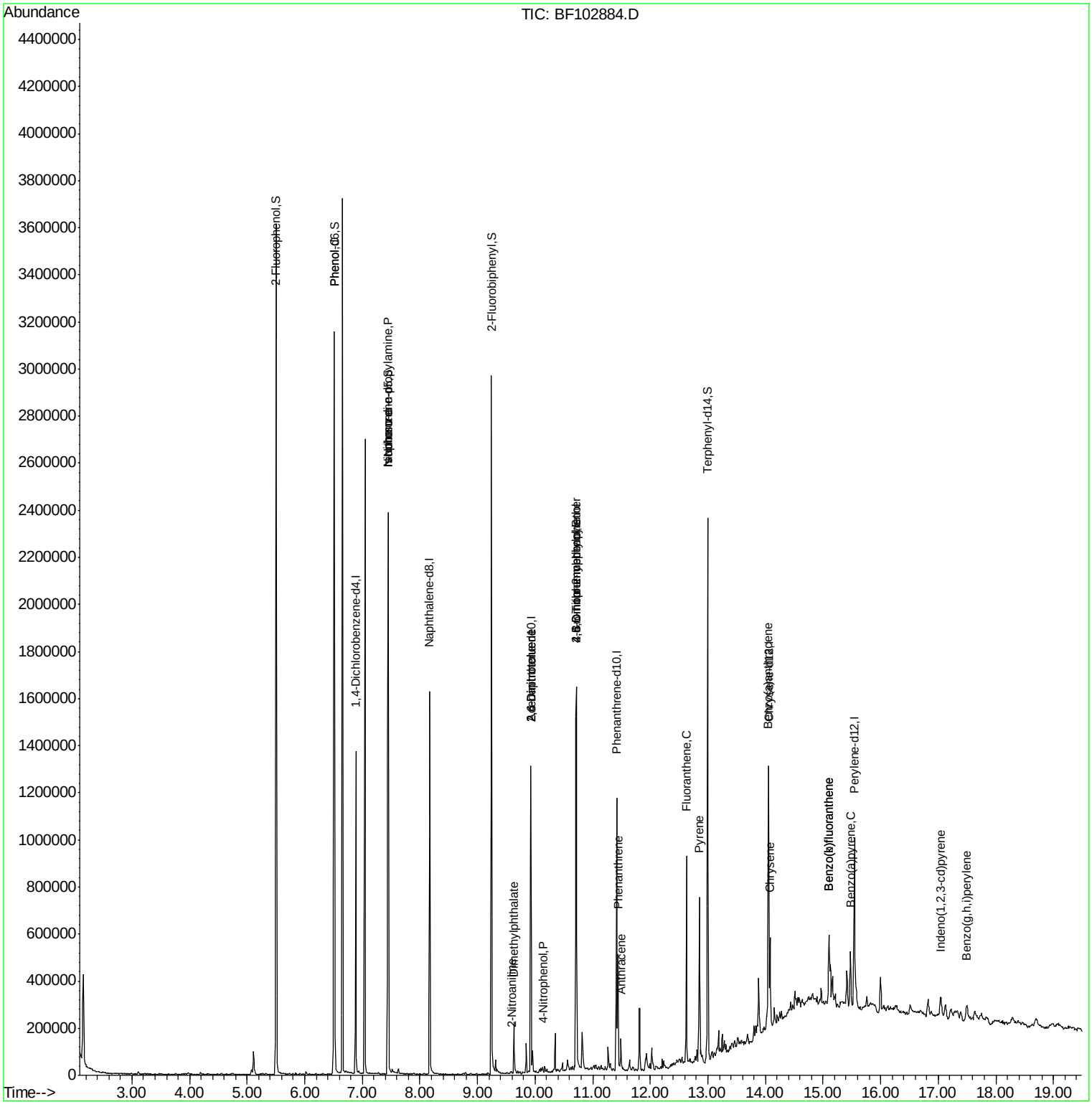
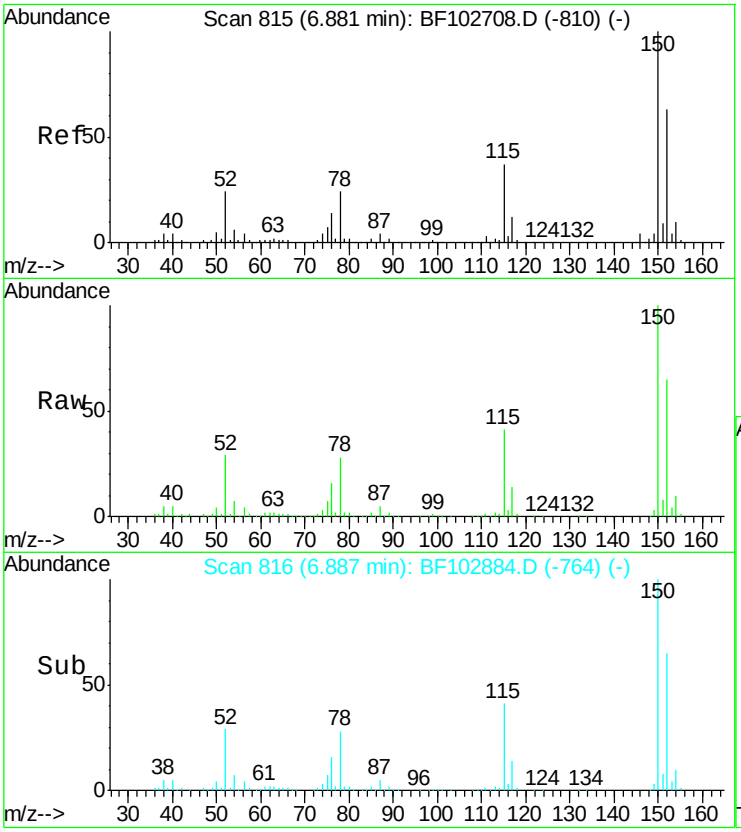


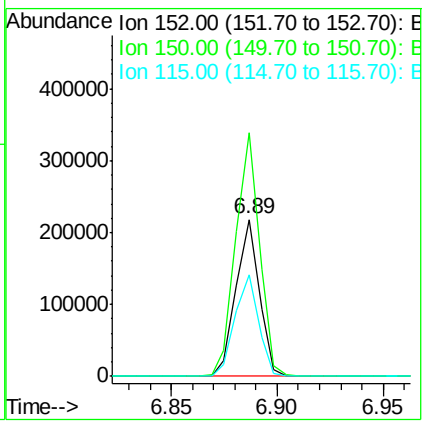


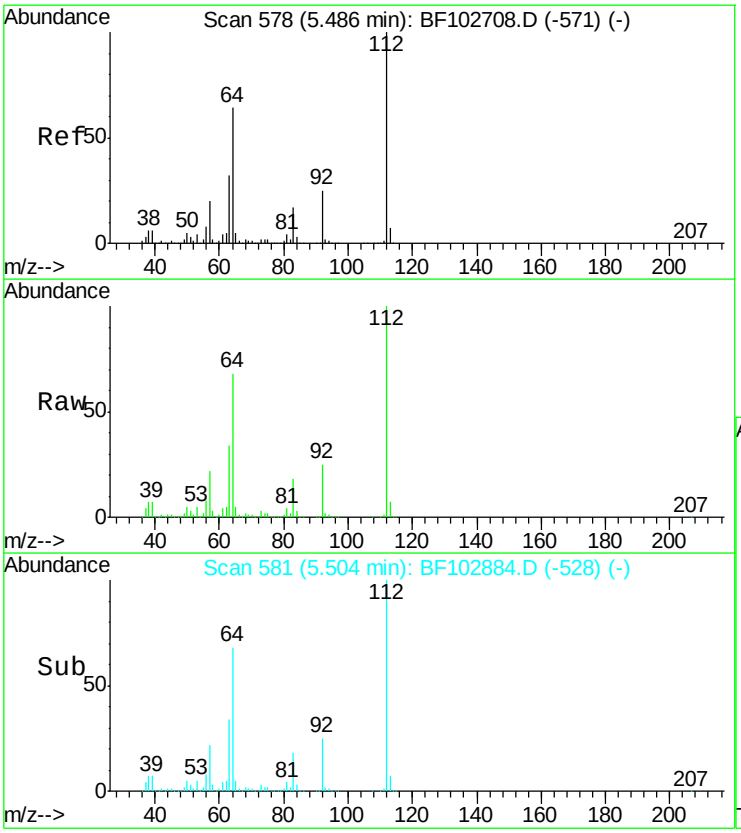
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167155

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	64.2	50.1	75.1

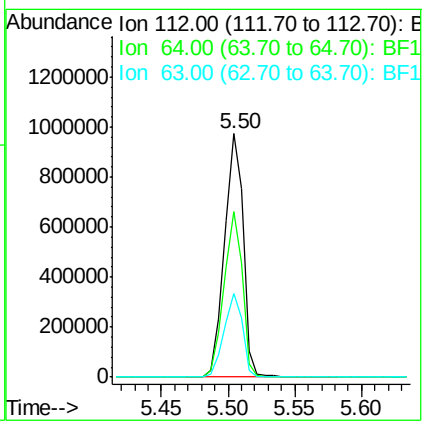


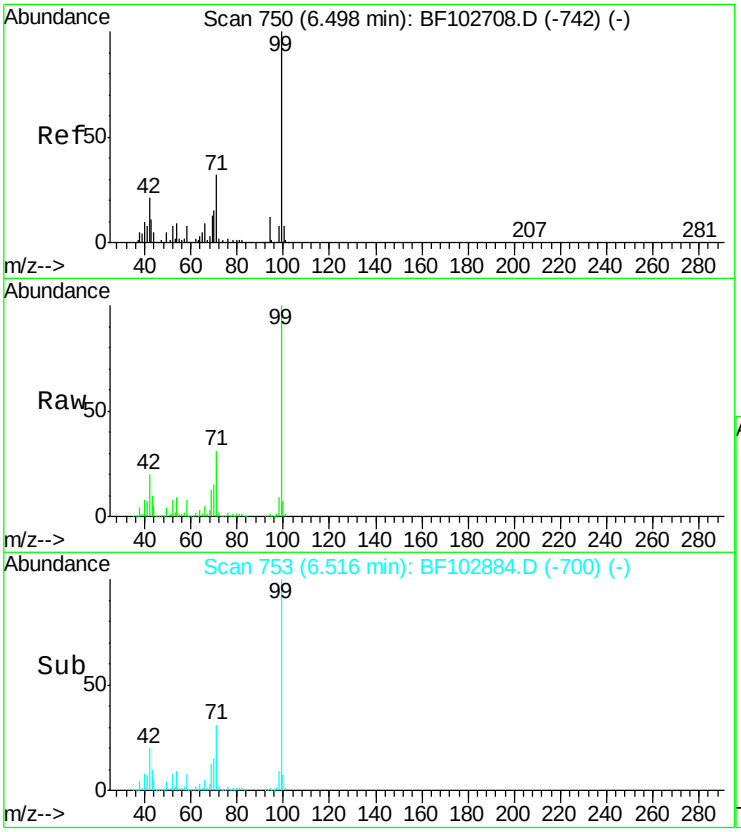


#5
2-Fluorophenol
Concen: 88.433 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:112 Resp: 973354

Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	34.5	23.7	35.5



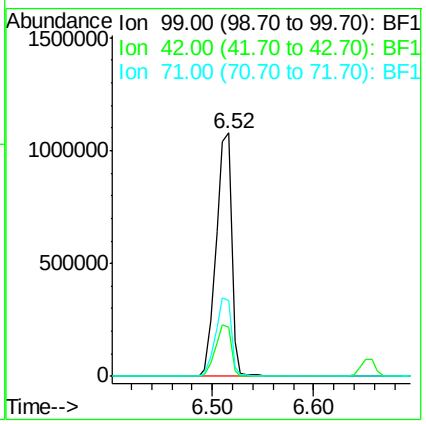


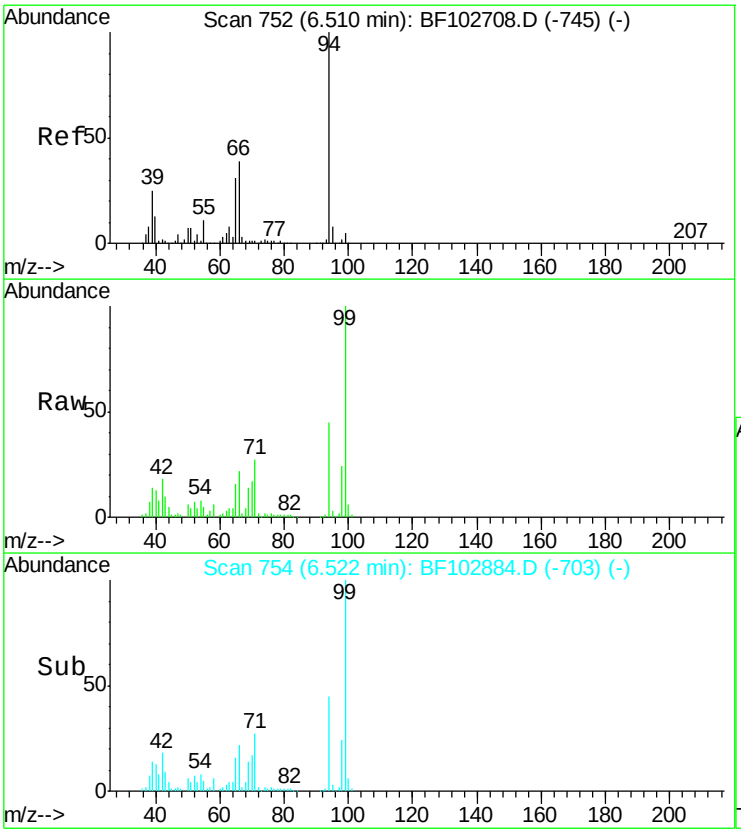
#7
Phenol-d6
Concen: 86.893 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1151577

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	31.4	25.4	38.0

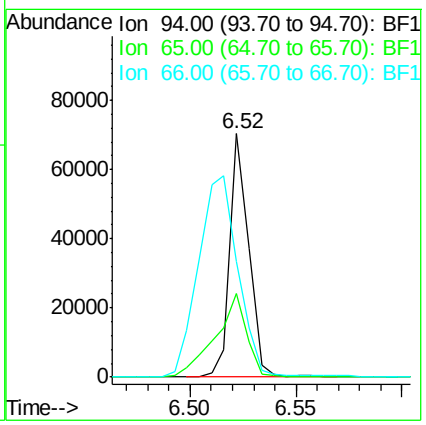


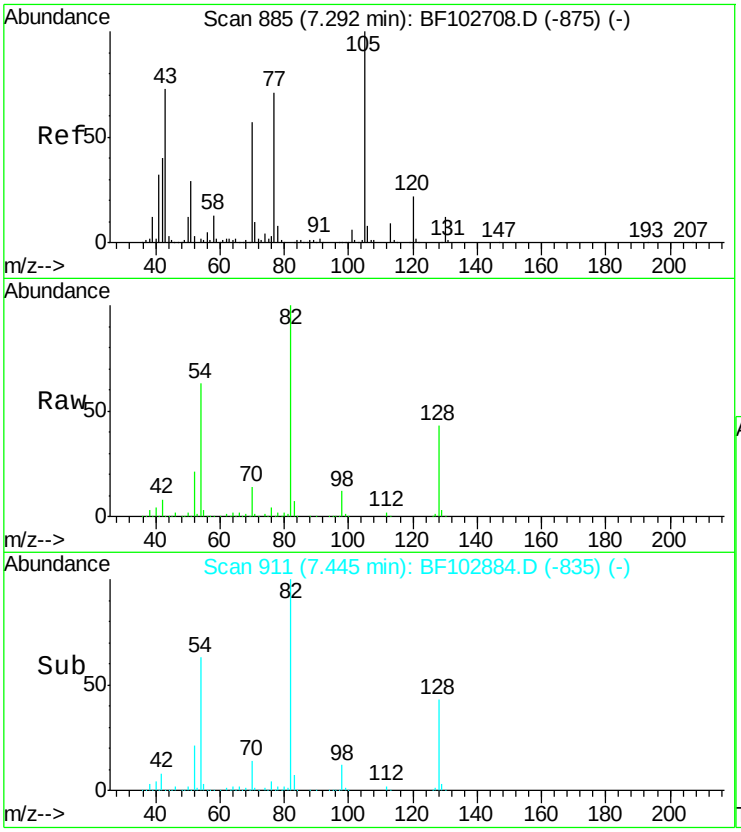


#10
Phenol
Concen: 3.020 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion: 94 Resp: 42892

Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	47.7	16.2	56.2



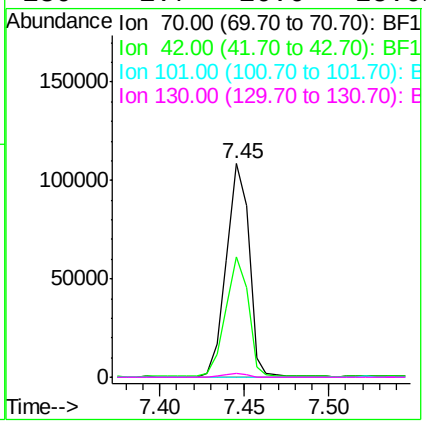


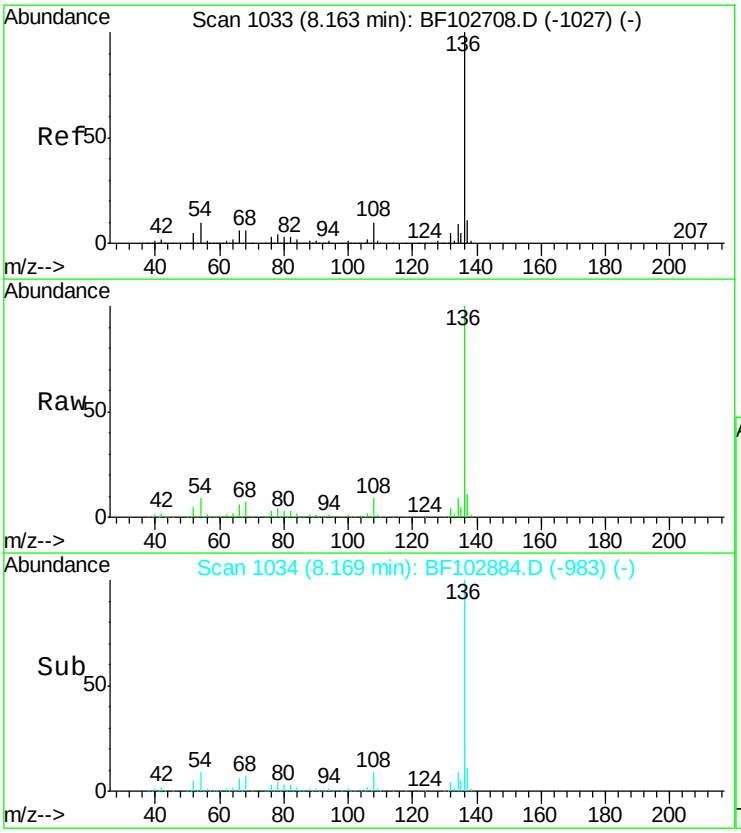
#19
n-Nitroso-di-n-propylamine
Concen: 11.749 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 102665

Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

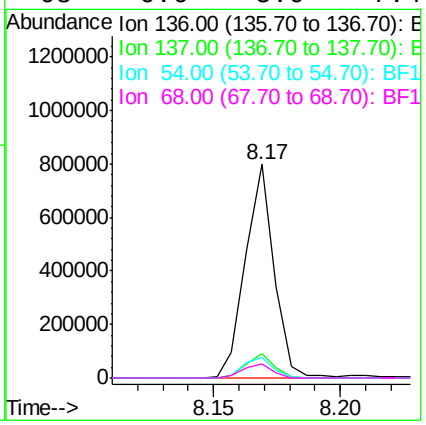


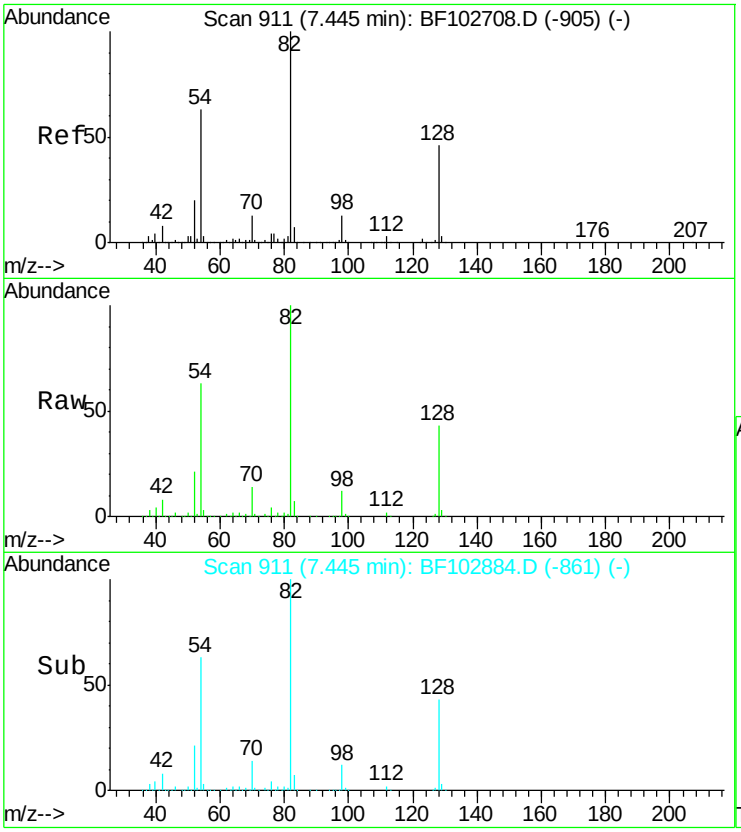


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:136 Resp: 631313

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	6.6	5.0	7.4



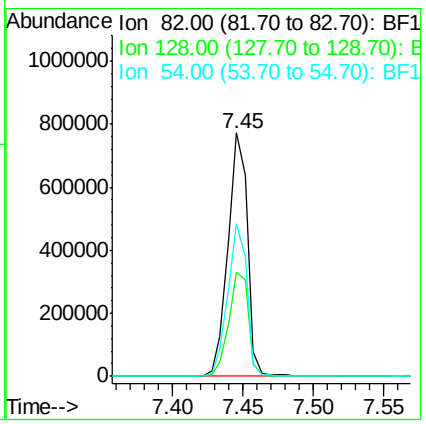


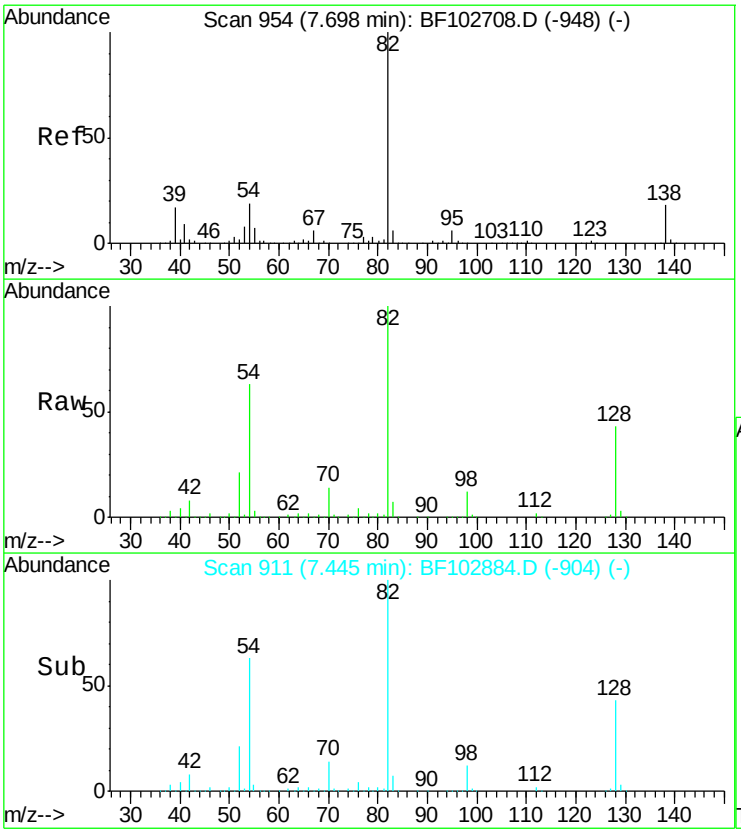
#23
Nitrobenzene-d5
Concen: 81.706 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 743570

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	62.6	41.4	62.2#

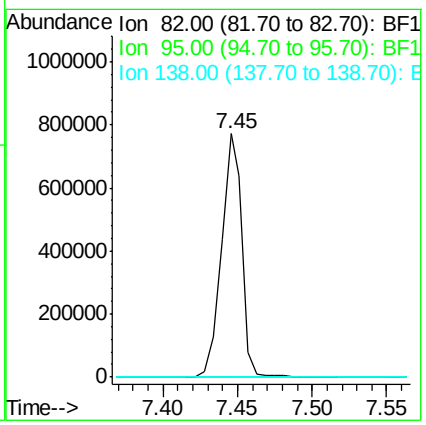


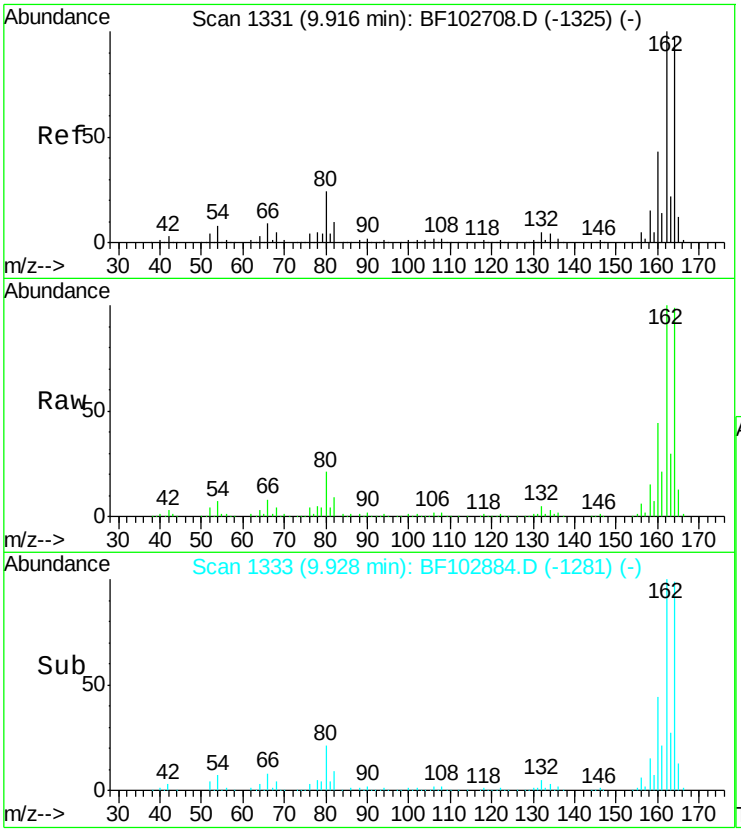


#25
Isophorone
Concen: 35.483 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion: 82 Resp: 743556

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



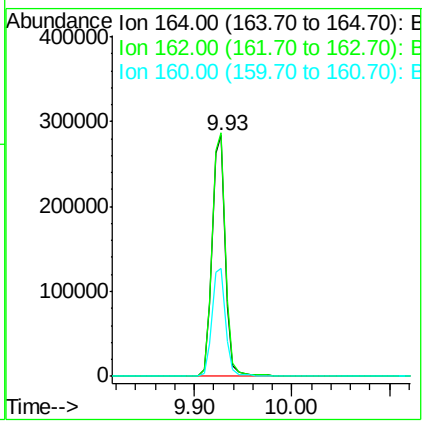


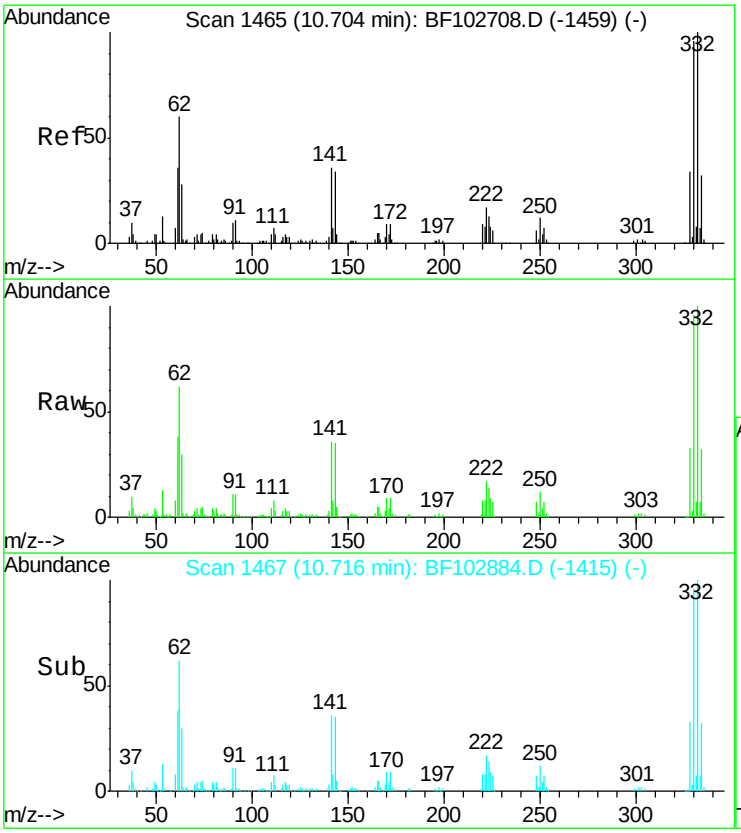
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 268055

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.0	38.3	57.5

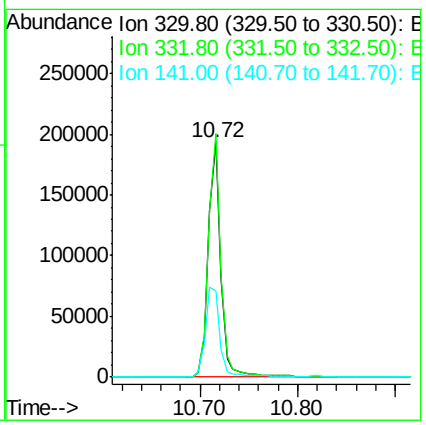


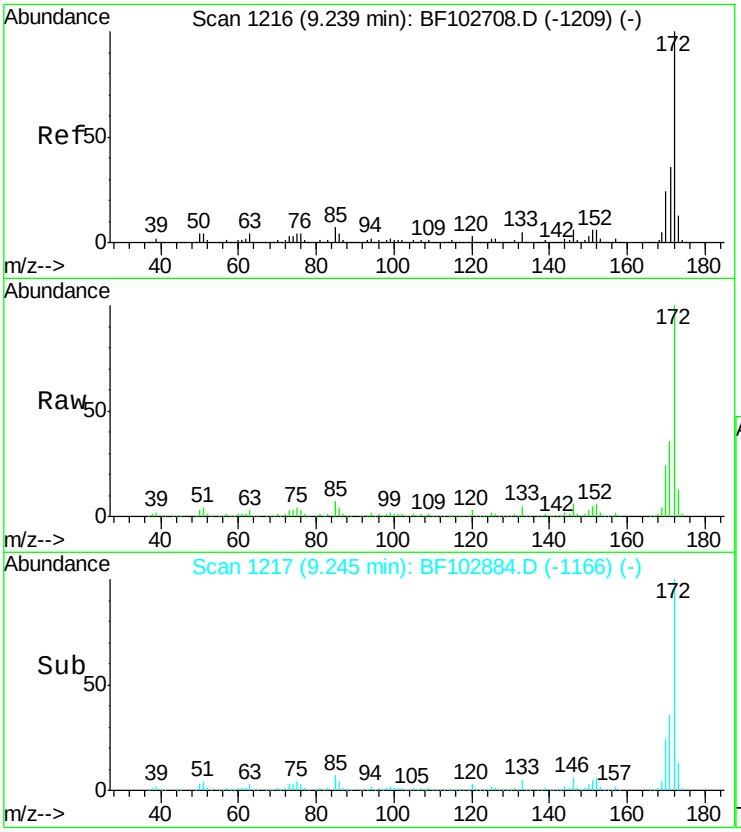


#41
2,4,6-Tribromophenol
Concen: 80.982 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:330 Resp: 174721

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	44.5	29.9	44.9



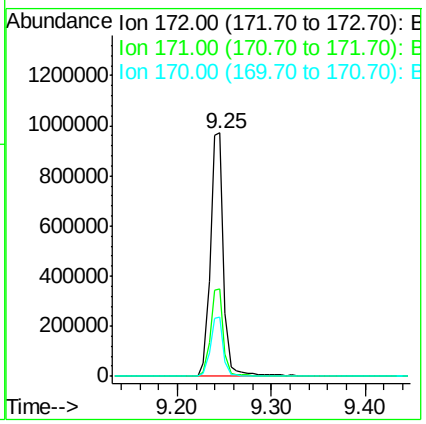


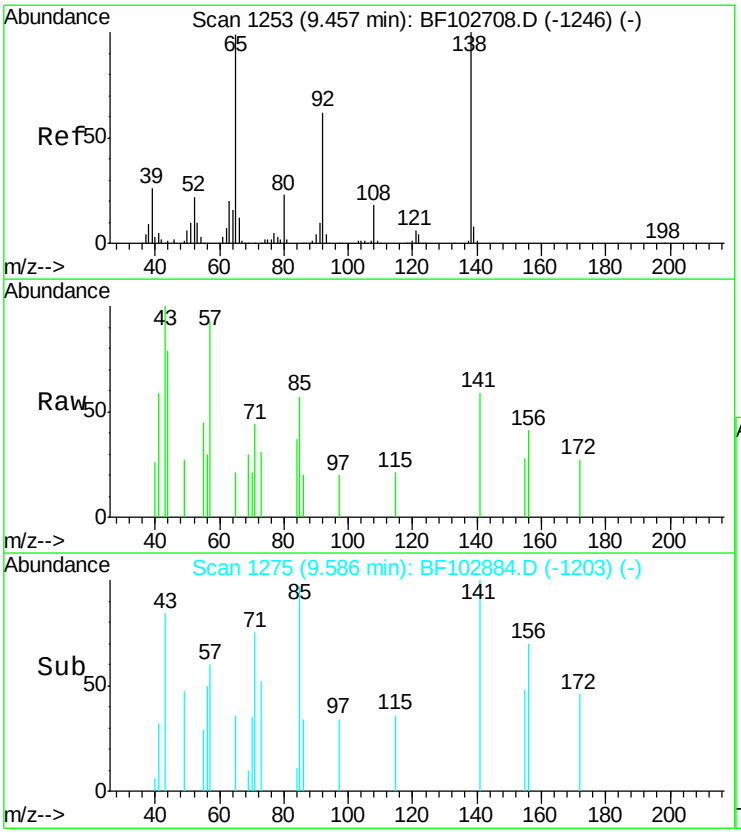
#44
2-Fluorobiphenyl
Concen: 60.730 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 981041

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	19.6	29.4

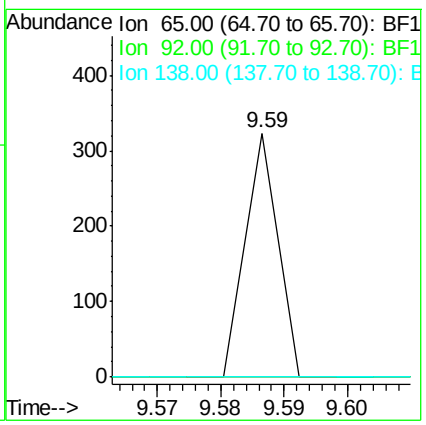


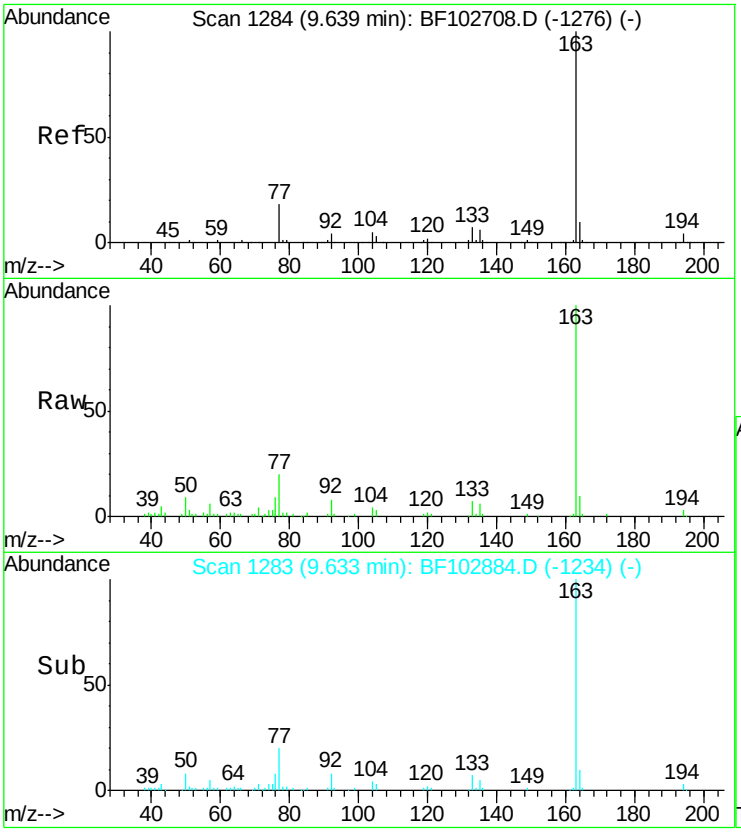


#47
2-Nitroaniline
Concen: 3.491 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.12 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion: 65 Resp: 114

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



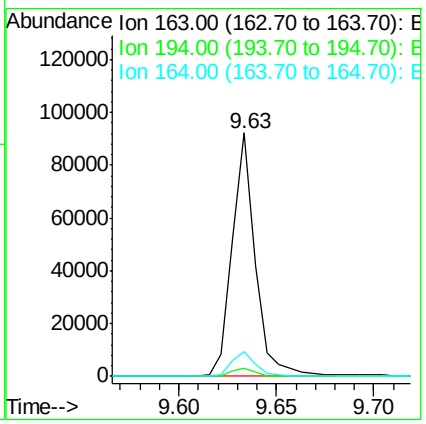


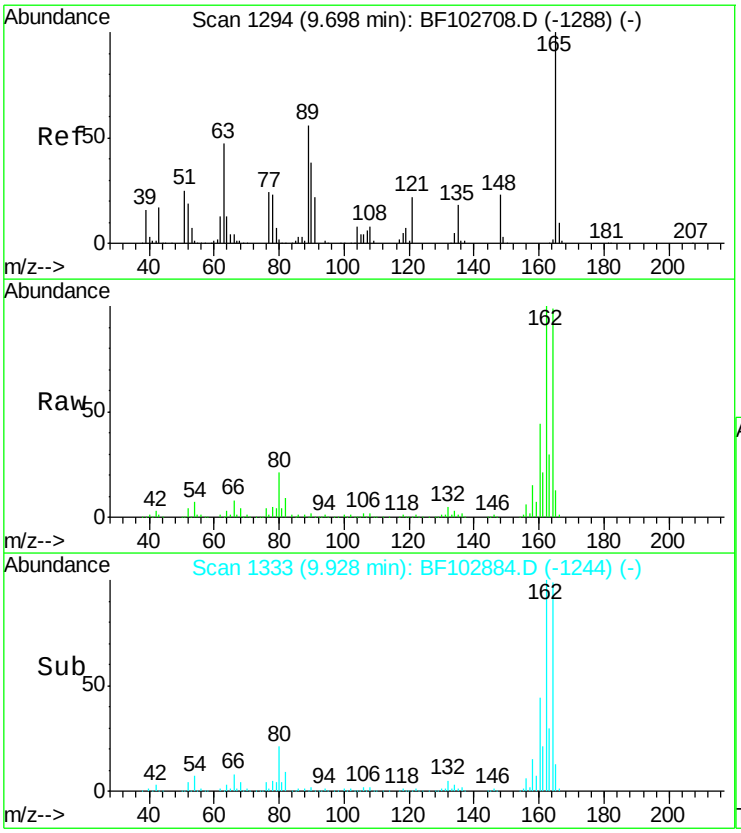
#49
Dimethylphthalate
Concen: 3.641 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 76102

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2

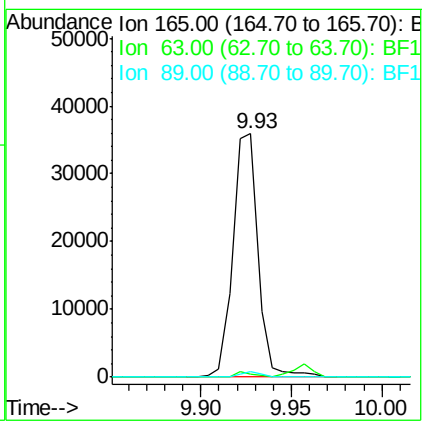


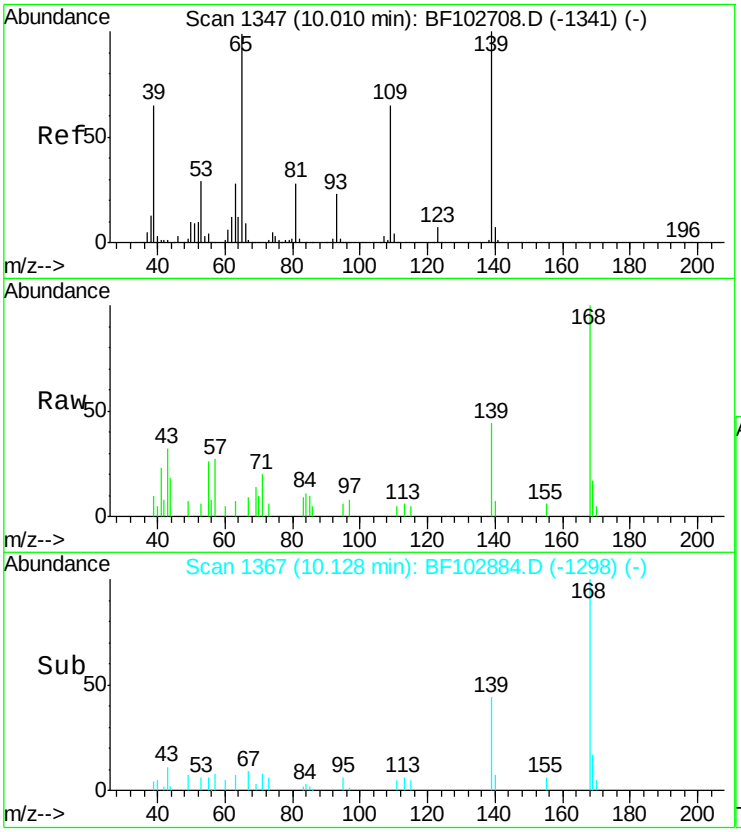


#50
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:165 Resp: 34784

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	2.1	44.0	66.0#



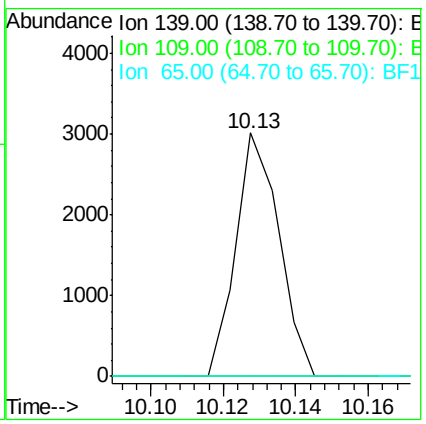


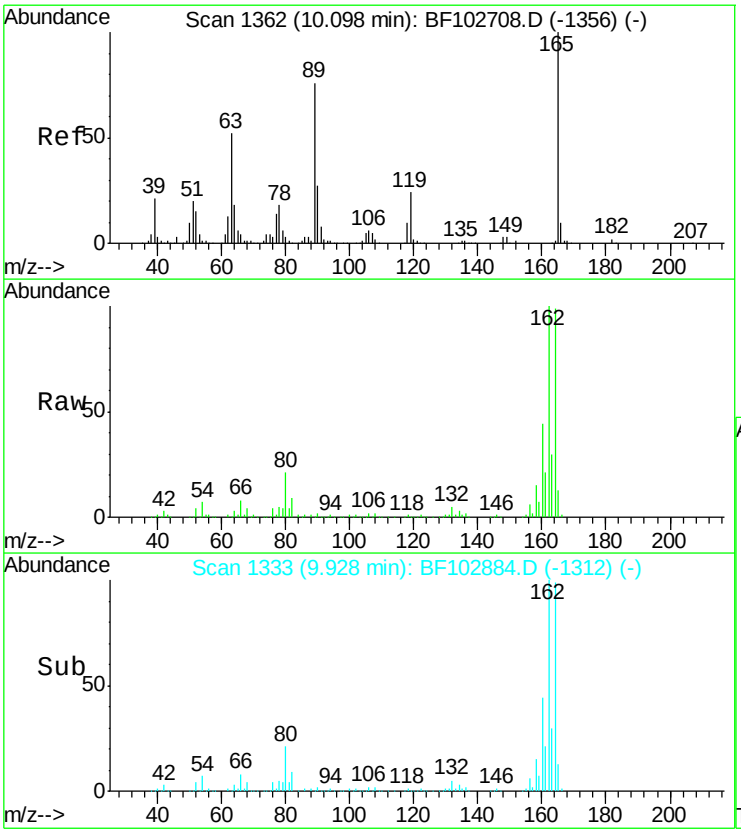
#55
4-Nitrophenol
Concen: 4.612 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2490

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

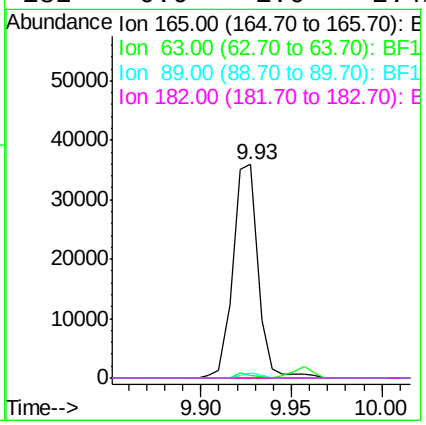


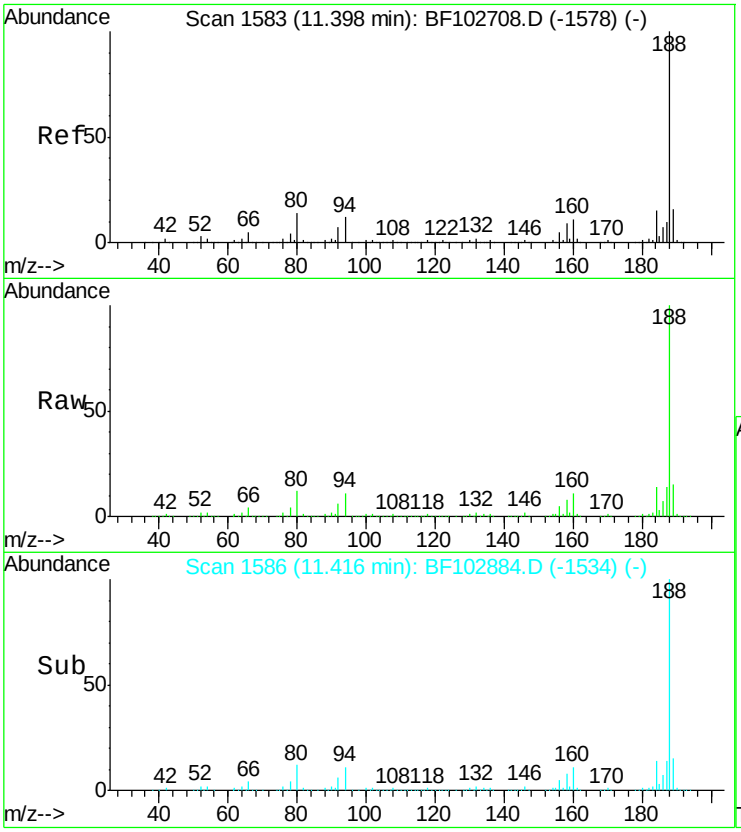


#56
2,4-Dinitrotoluene
Concen: 9.180 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:165 Resp: 34784

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



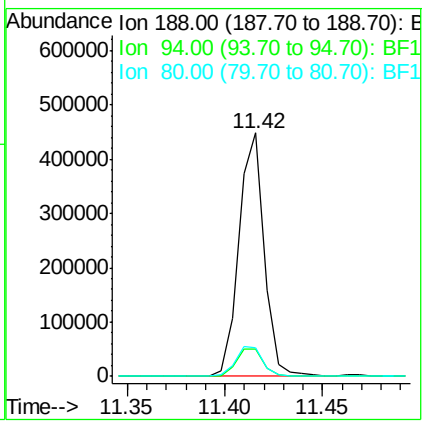


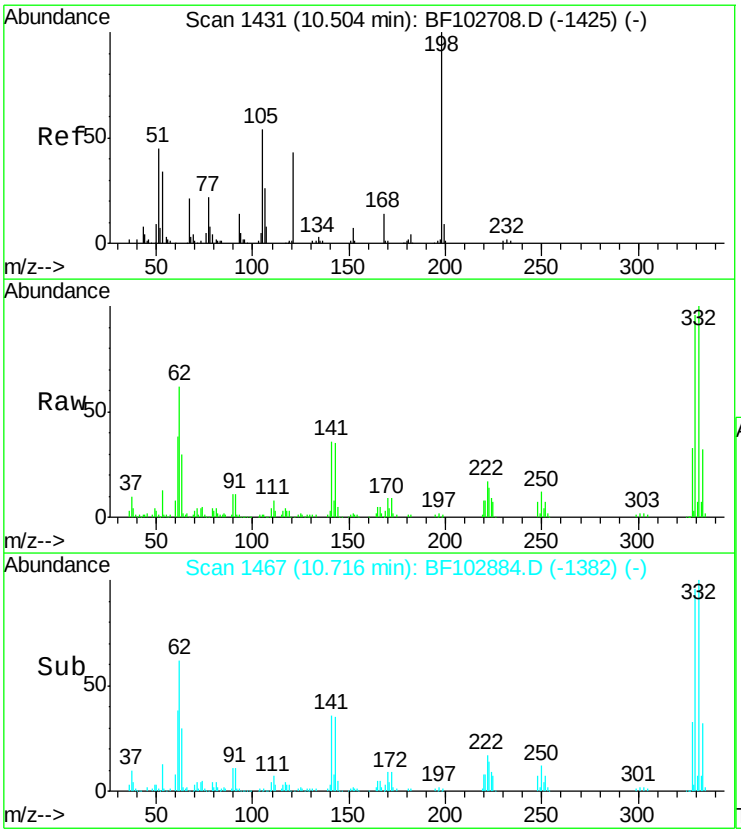
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 402710

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

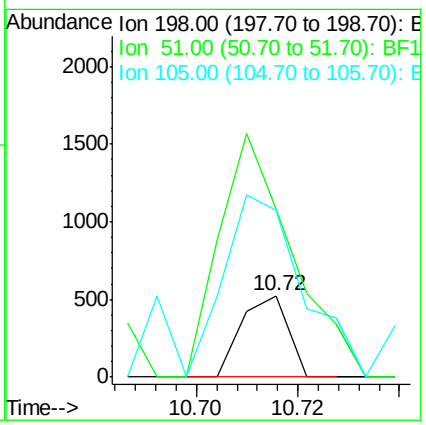


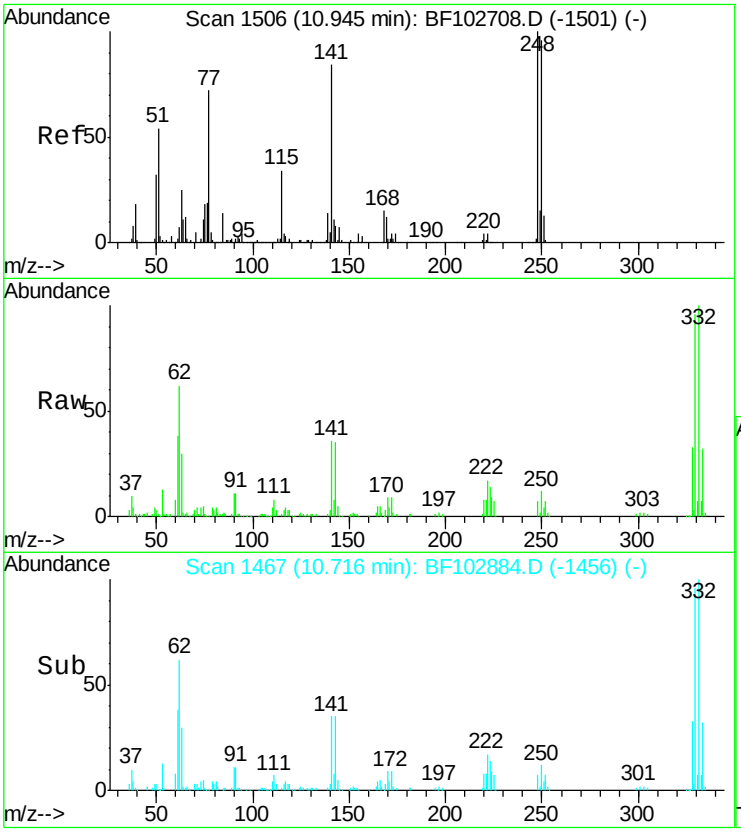


#64
4,6-Dinitro-2-methylphenol
Concen: 8.977 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	206.7	37.7	77.7#
105	206.3	36.3	76.3#



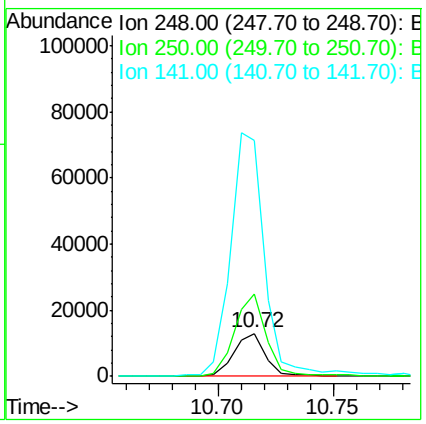


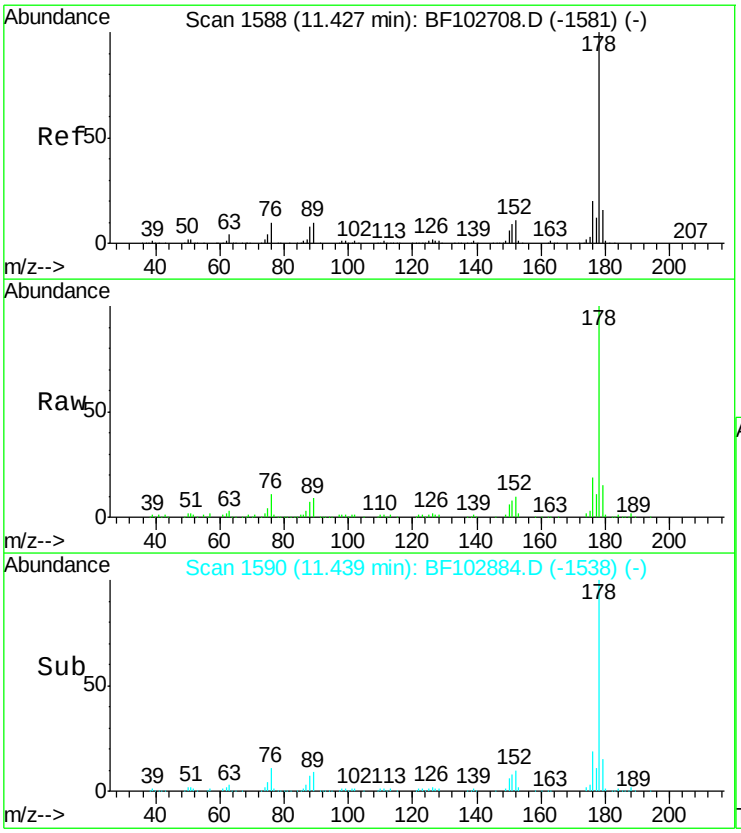
#66
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12143

Ion	Ratio	Lower	Upper
248	100		
250	189.2	76.9	115.3#
141	544.7	74.4	111.6#

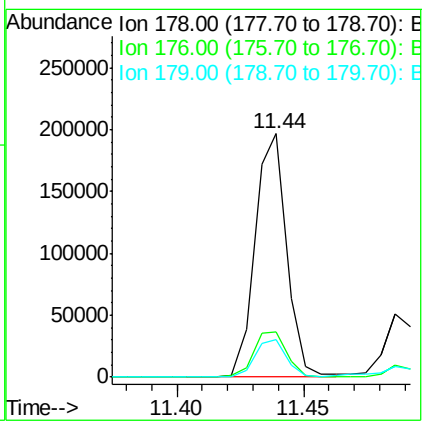


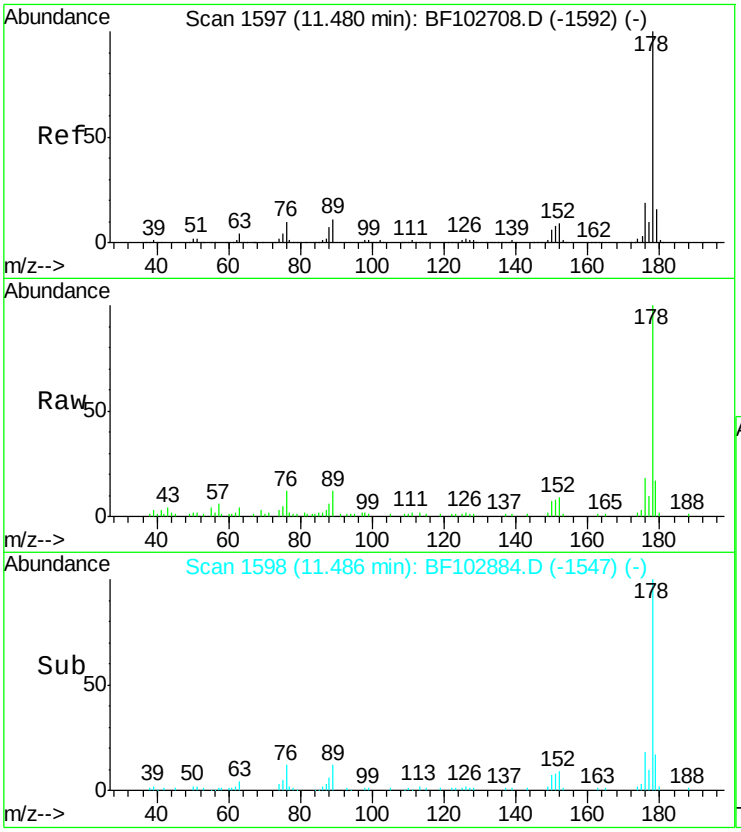


#70
Phenanthrene
Concen: 7.646 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:178 Resp: 171486

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	13.0	19.6



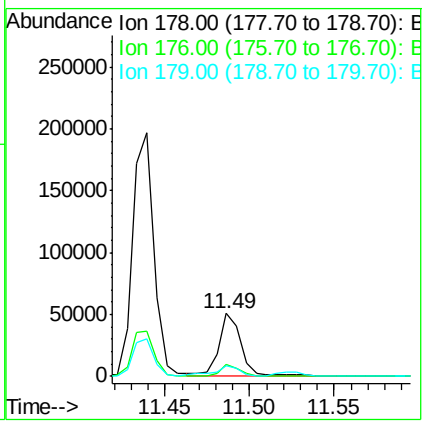


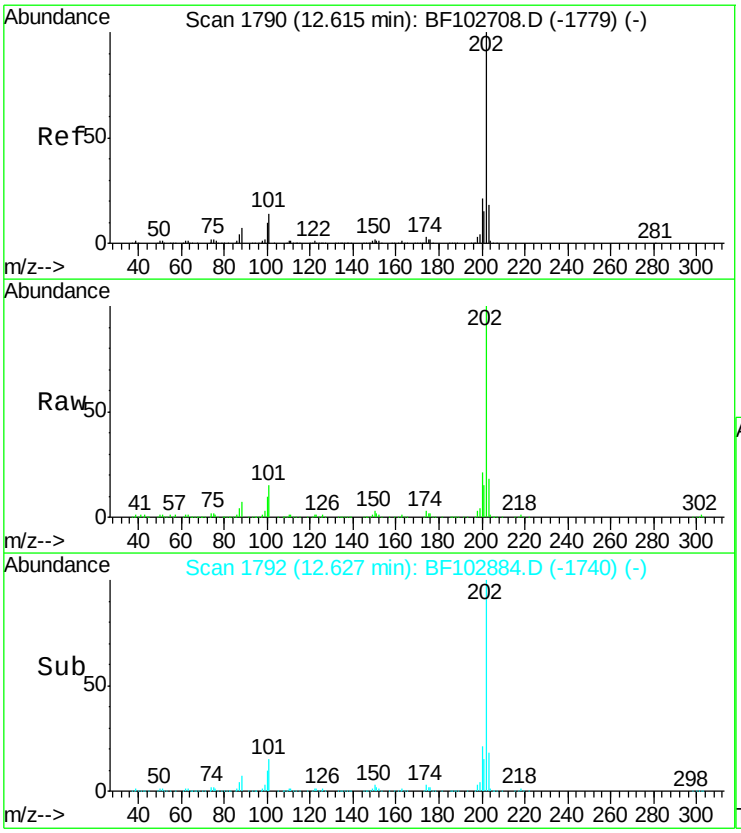
#71
Anthracene
Concen: 2.065 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47106

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	17.0	12.6	19.0

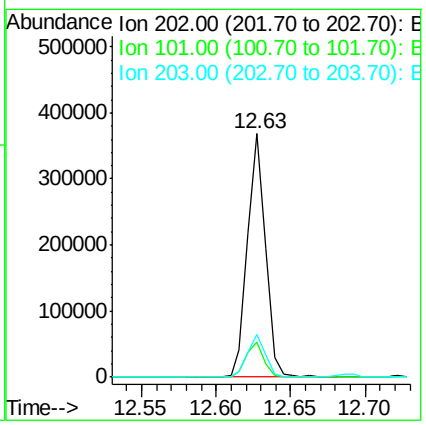


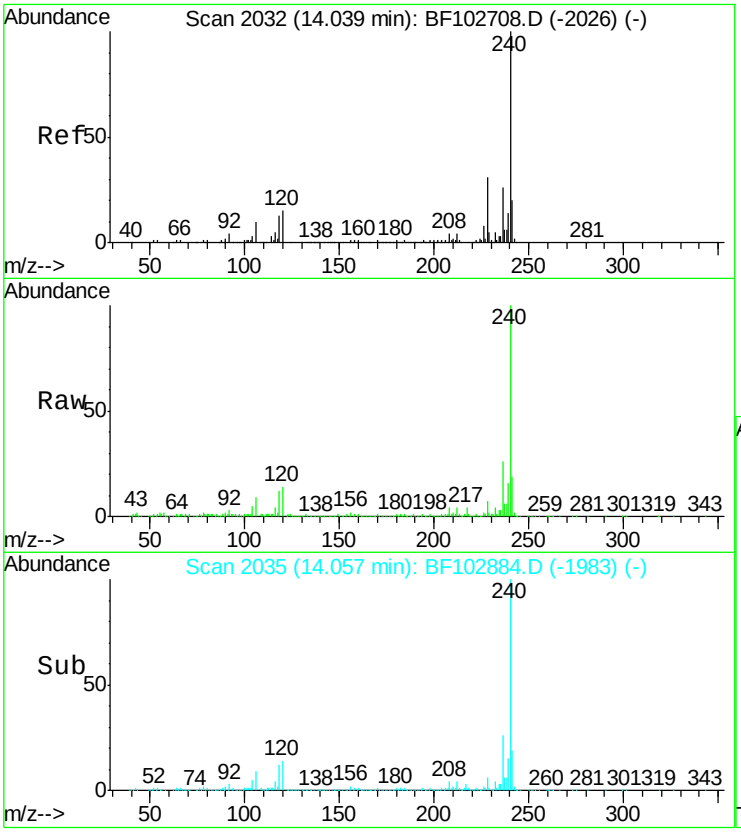


#74
Fluoranthene
Concen: 13.535 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:202 Resp: 305421

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.7	0.0	38.1



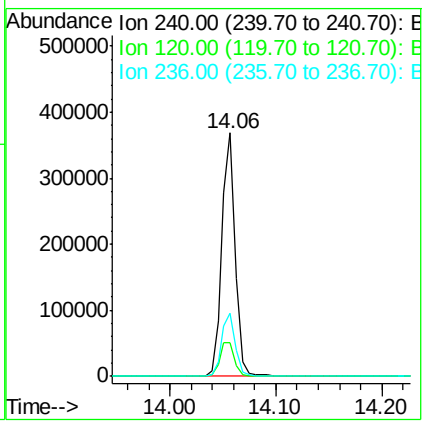


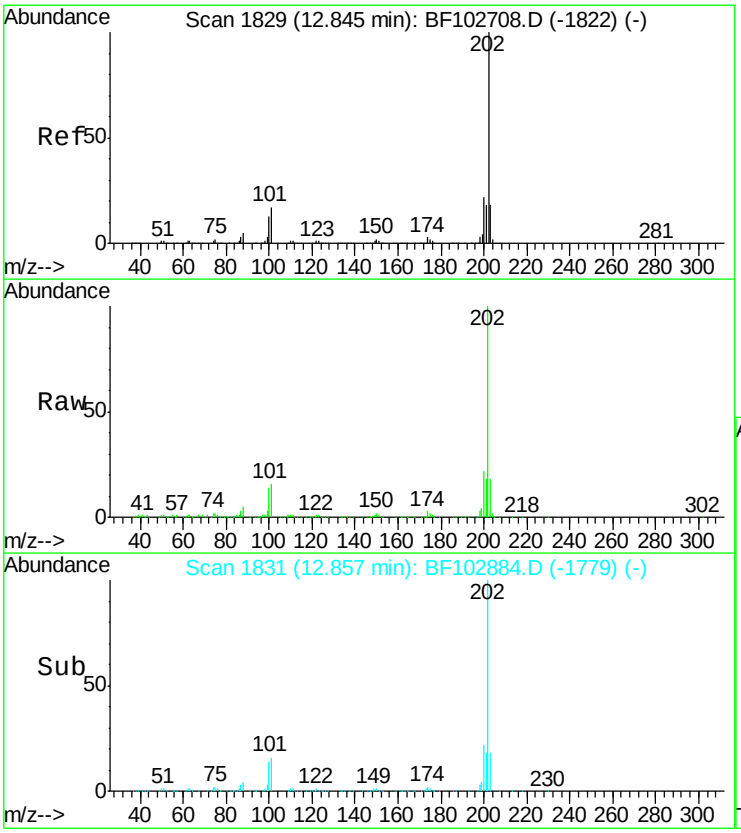
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 329119

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.2	20.7	31.1

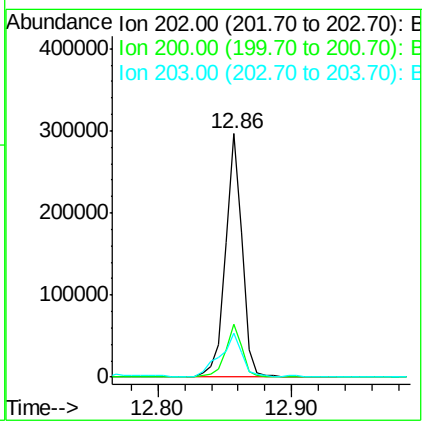


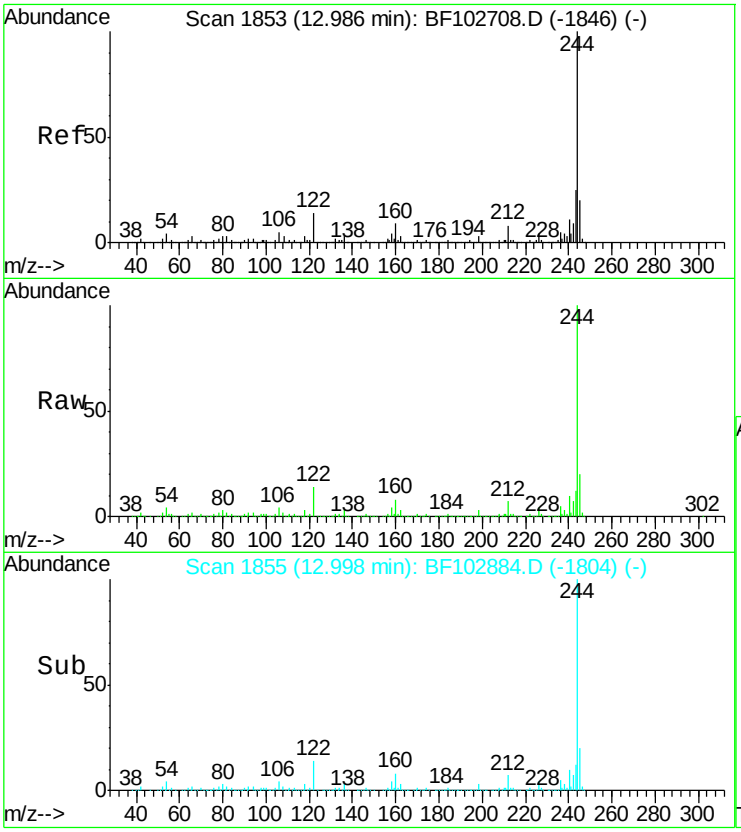


#77
Pyrene
Concen: 10.178 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:202 Resp: 262676

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5



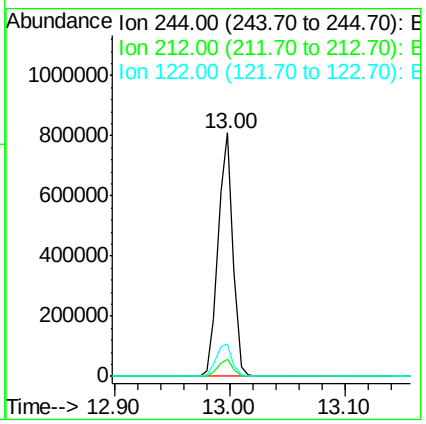


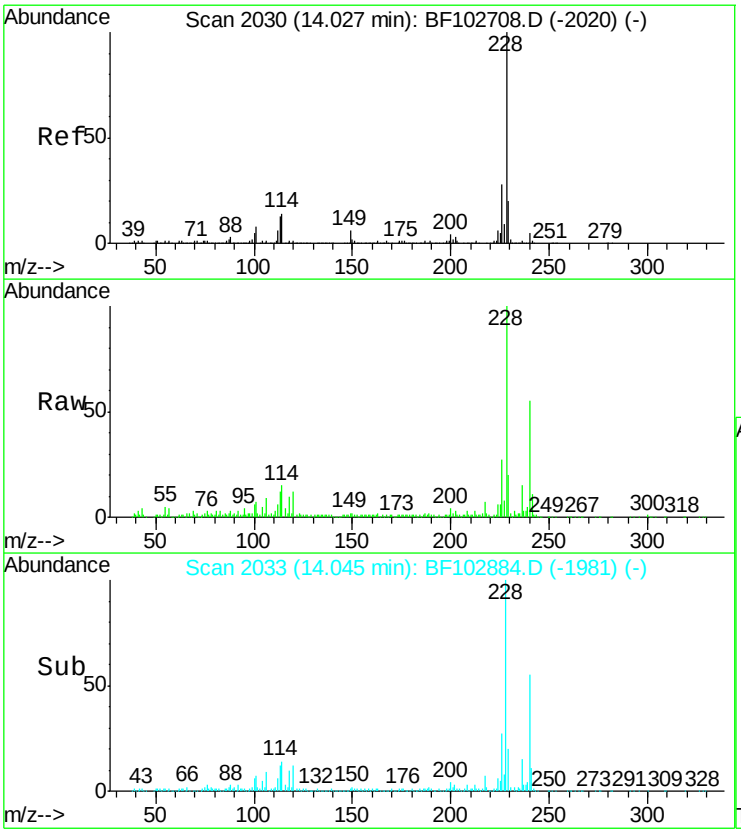
#78
Terphenyl-d14
Concen: 51.729 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 719031

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4

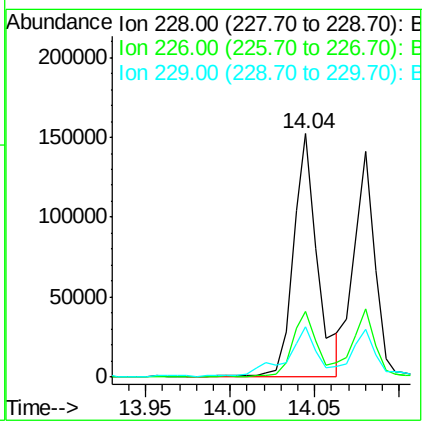


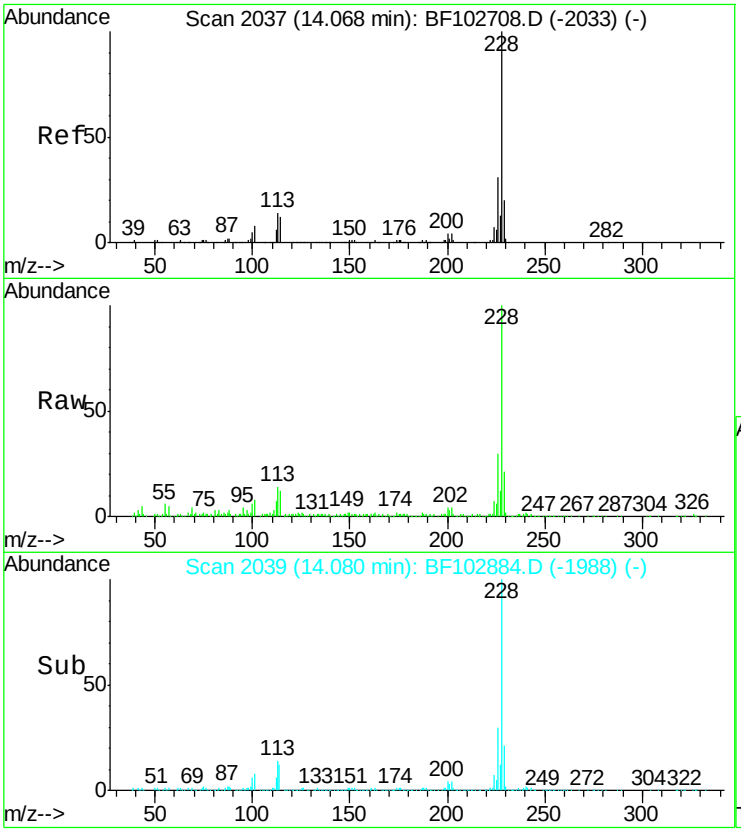


#80
Benzo(a)anthracene
Concen: 7.237 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:228 Resp: 149793

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.4	15.8	23.6



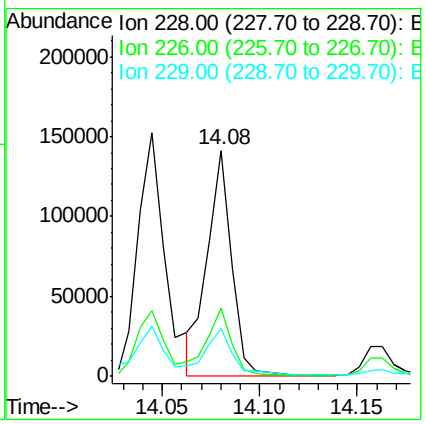


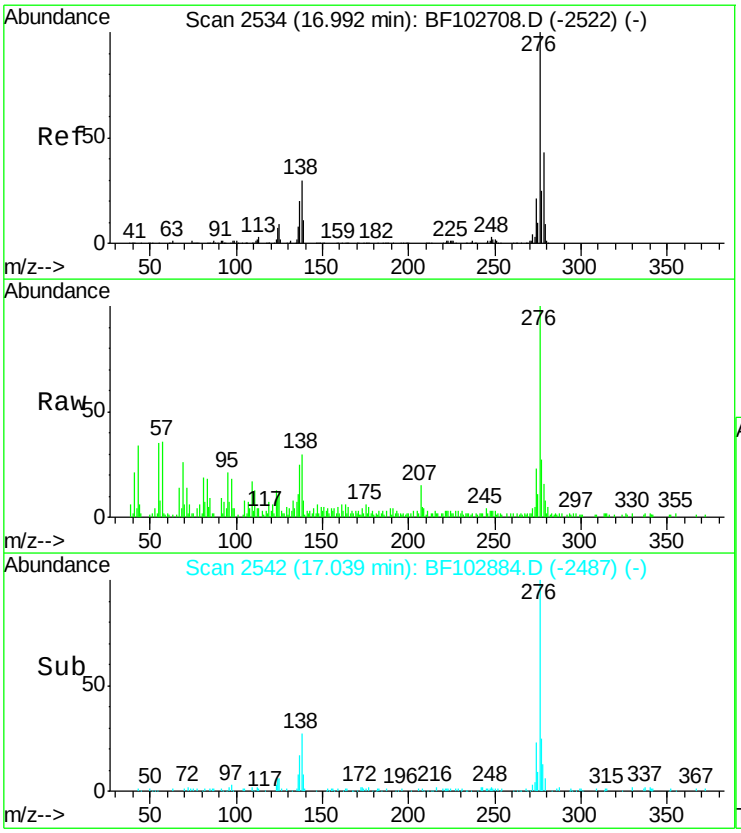
#82
Chrysene
Concen: 5.880 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 122679

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.1	16.2	24.4

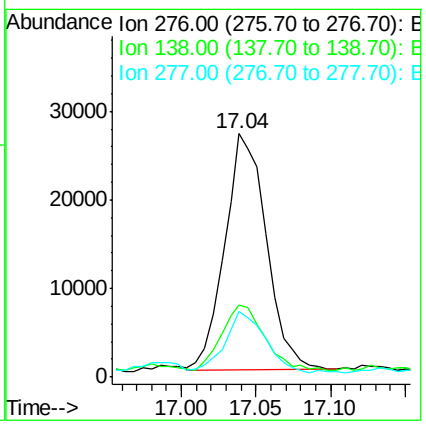


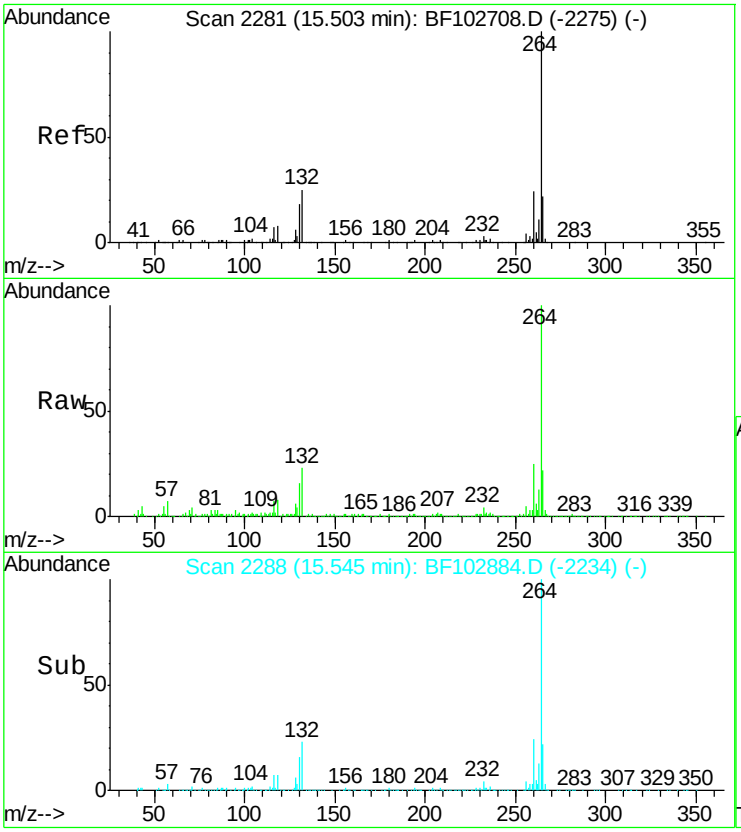


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.002 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:276 Resp: 51948

Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	24.9	20.1	30.1



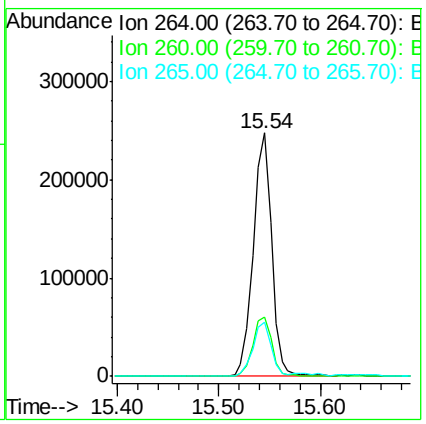


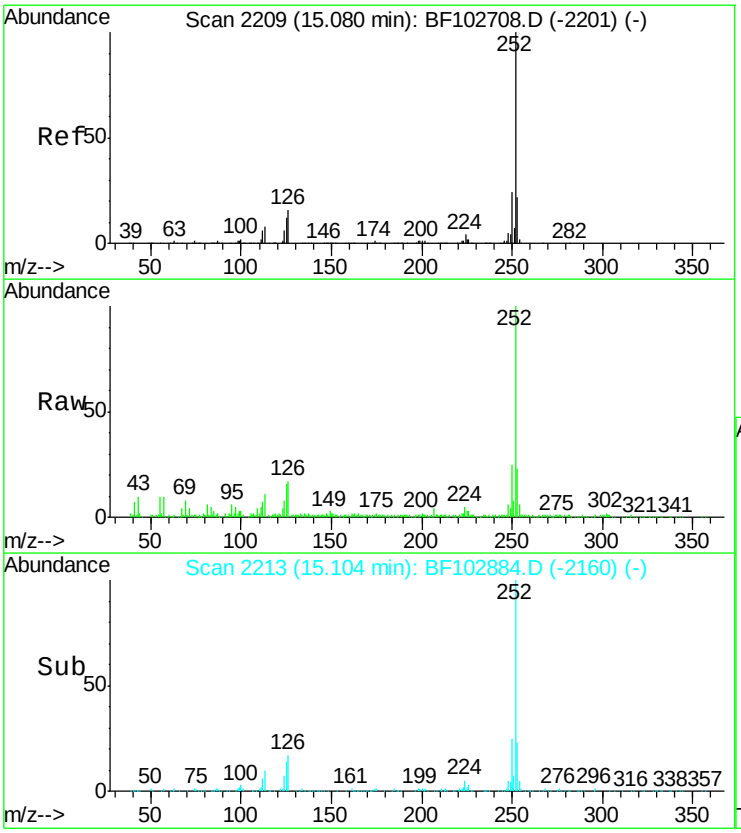
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 315295

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.5	26.3

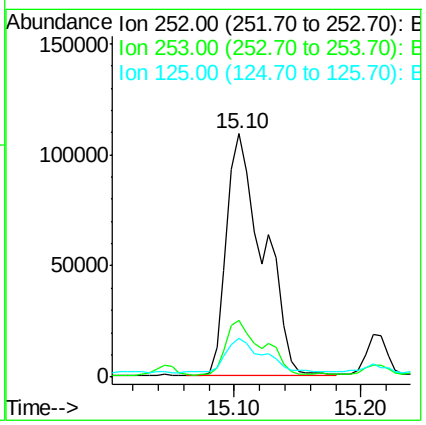


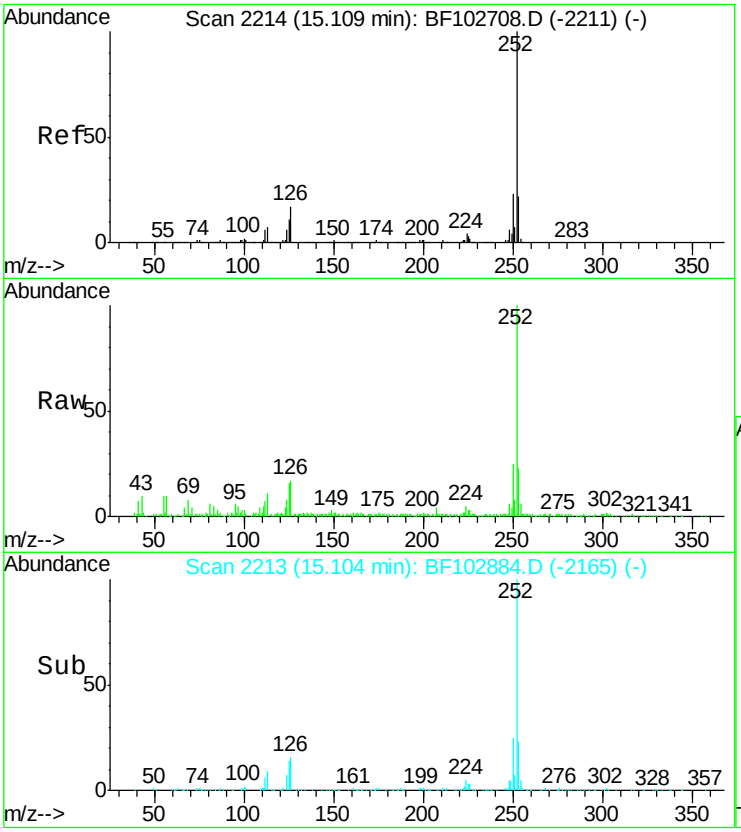


#87
Benzo(b)fluoranthene
Concen: 10.778 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:252 Resp: 220312

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	16.1	9.0	13.6#



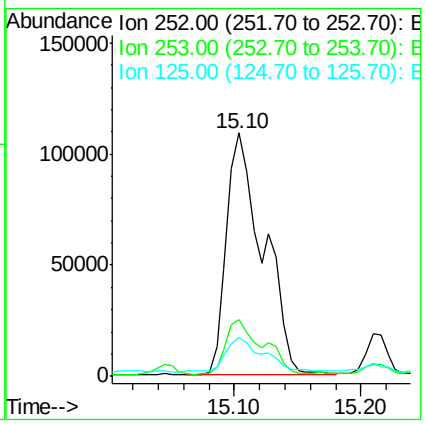


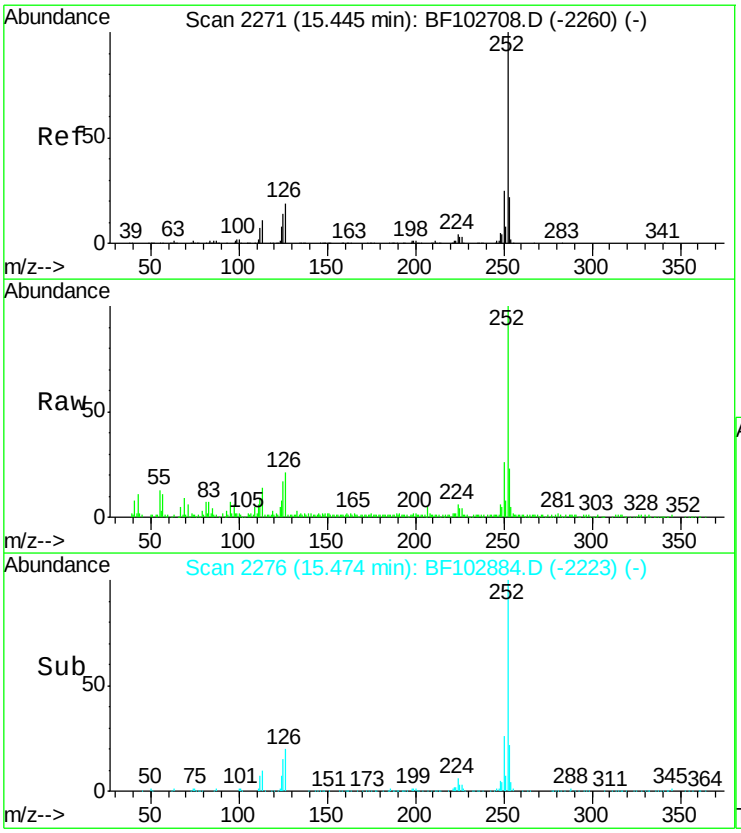
#88
Benzo(k)fluoranthene
Concen: 11.280 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 220312

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	16.1	10.2	15.2#

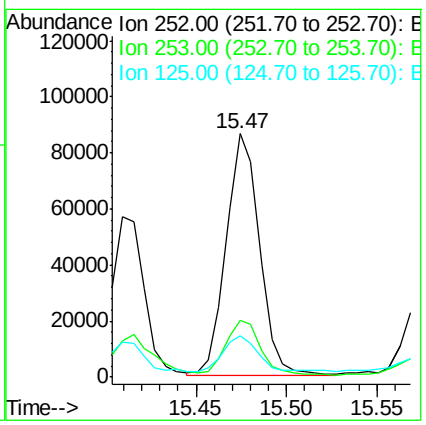


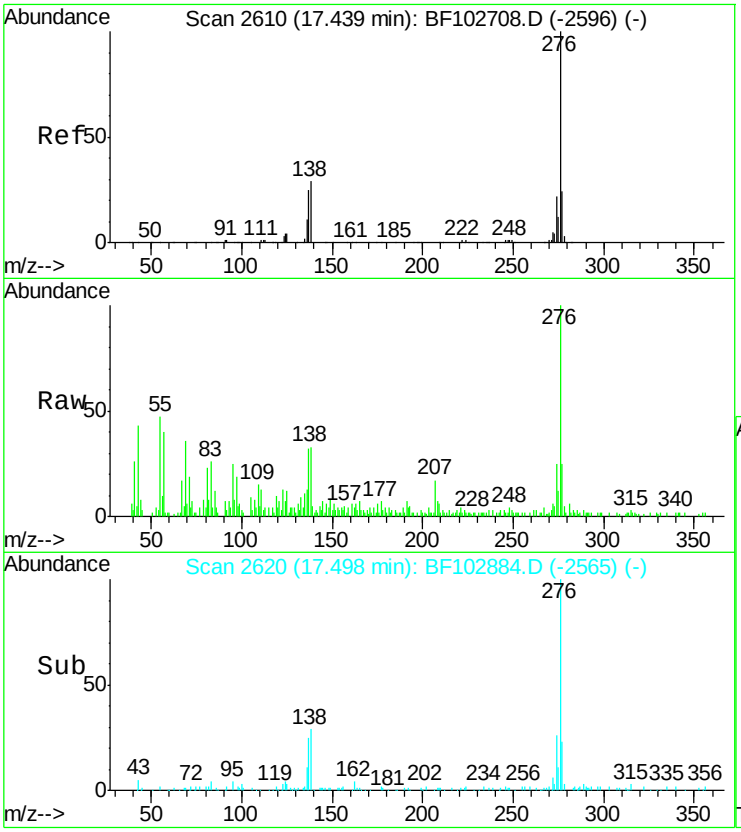


#89
Benzo(a)pyrene
Concen: 6.026 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Tgt Ion:252 Resp: 110875

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	17.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.427 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF102884.D
Acq: 9 Feb 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 50089

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	33.0	21.8	32.8#