Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103887.D
Acq On : 23 Mar 2018 18:20
Operator : JU/SJ
Sample : J2009-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 23:09:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137011	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	493498	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	187508	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	302447	20.00	ng		0.00
75) Chrysene-d12	14.17	240	250557	20.00	ng		0.00
86) Perylene-d12	15.71	264	184187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	877748	97.44	ng		0.01
7) Phenol-d6	6.60	99	1055853	95.81	ng		0.00
23) Nitrobenzene-d5	7.54	82	595185	84.11	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	181998	112.89	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	929331	79.06	ng		0.00
78) Terphenyl-d14	13.10	244	780805	72.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	17649	2.438	ng		84
10) Phenol	6.61	94	25677	2.193	ng		92
19) n-Nitroso-di-n-propylamine	7.54	70	76768	10.869	ng	#	70
25) Isophorone	7.54	82	595179	36.331	ng	#	64
47) 2-Nitroaniline	9.72	65	862	7.042	ng	#	1
49) Dimethylphthalate	9.72	163	97782	6.835	ng		99
50) 2,6-Dinitrotoluene	9.72	165	1082	4.342	ng	#	30
55) 4-Nitrophenol	10.22	139	765	5.244	ng	#	9
56) 2,4-Dinitrotoluene	10.02	165	23518	12.053	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	281	8.395	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	10953	3.527	ng	#	1
70) Phenanthrene	11.53	178	79144	4.784	ng		98
74) Fluoranthene	12.73	202	141223	8.285	ng		95
77) Pyrene	12.96	202	150572	8.183	ng		99
80) Benzo(a)anthracene	14.16	228	79634	5.021	ng		97
82) Chrysene	14.19	228	77582	5.131	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	35041	2.654	ng		93
87) Benzo(b)fluoranthene	15.25	252	101774	8.746	ng	#	91
88) Benzo(k)fluoranthene	15.25	252	101774	9.099	ng	#	93
89) Benzo(a)pyrene	15.64	252	59580	5.645	ng	#	88
91) Benzo(g,h,i)perylene	17.77	276	34822	3.917	ng		94

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

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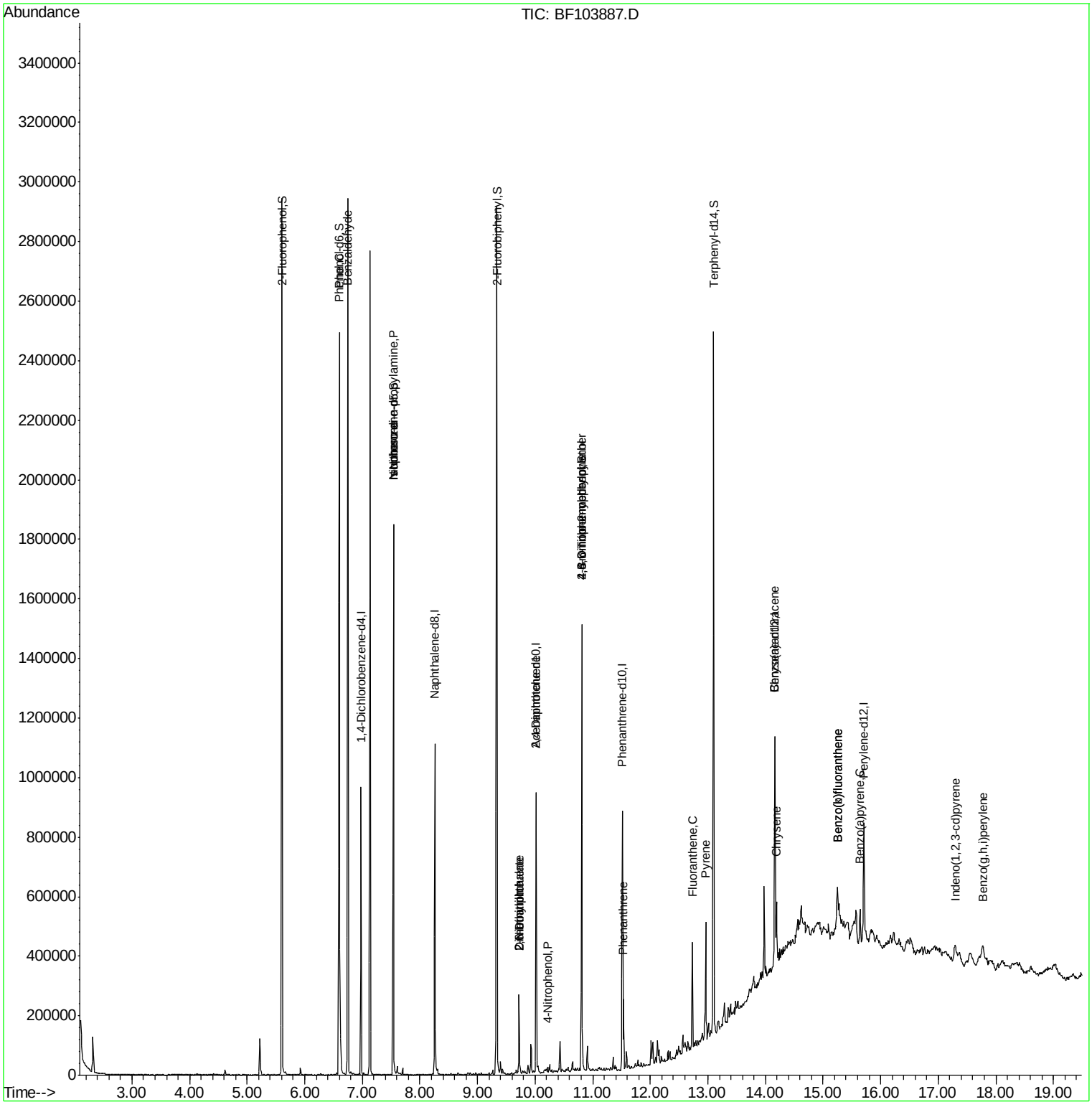
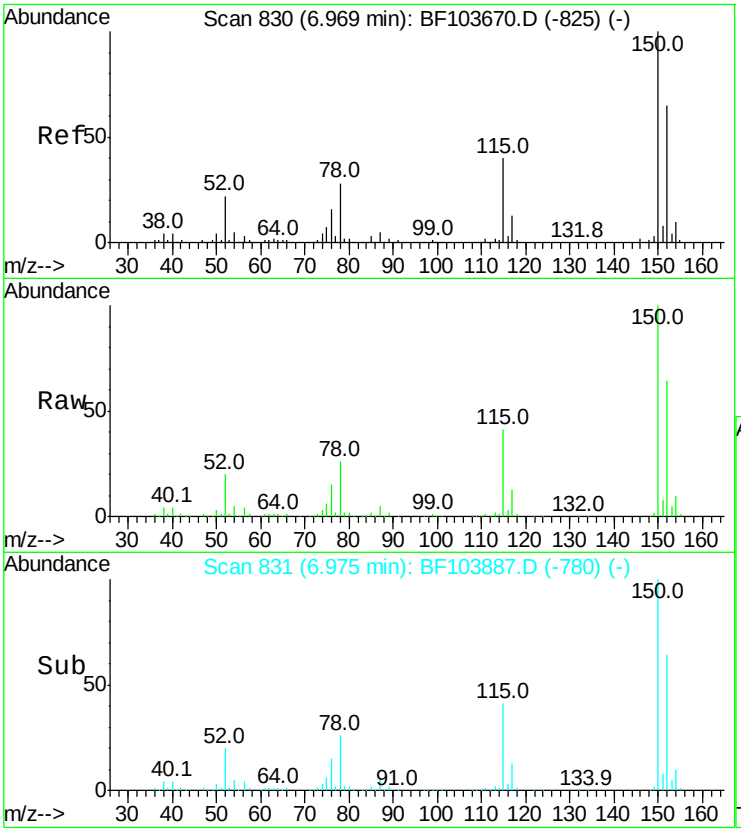


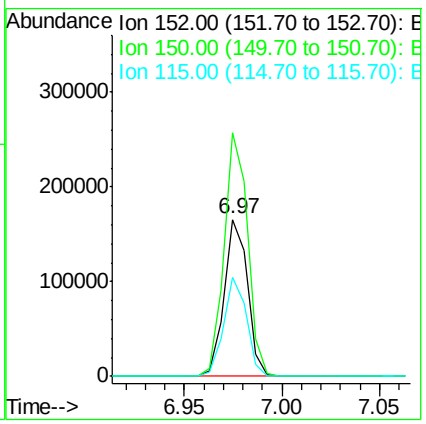


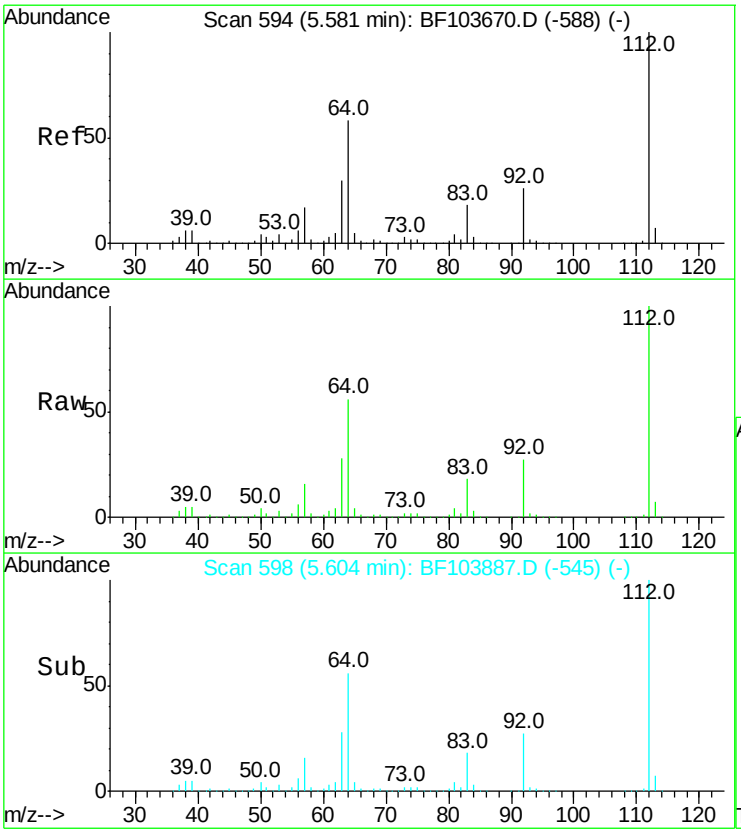
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137011

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.9	50.1	75.1

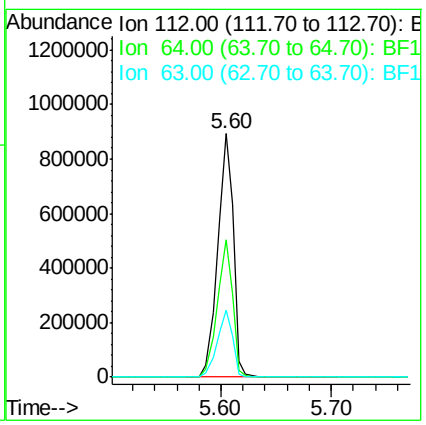


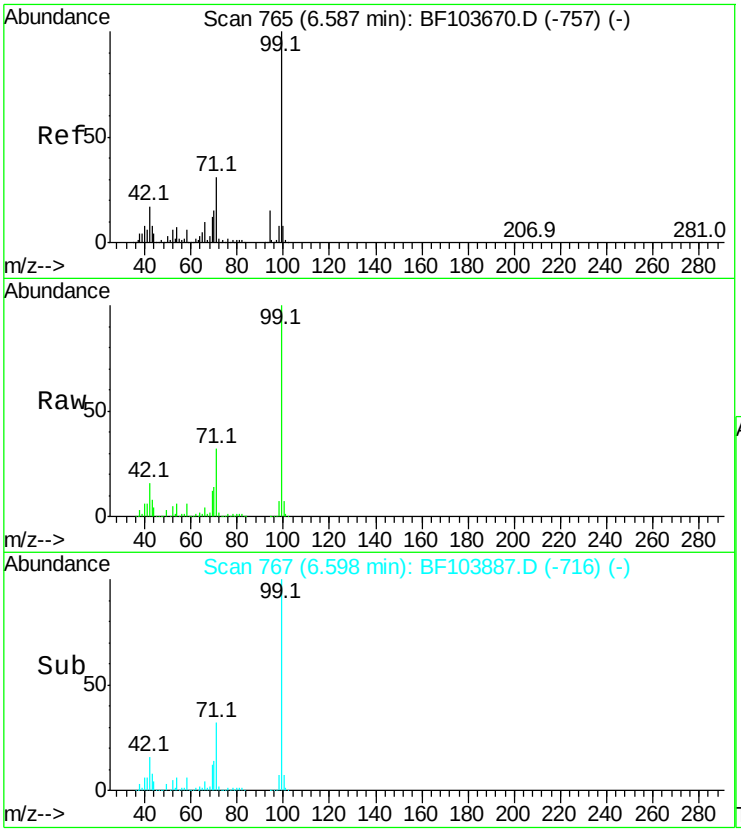


#5
2-Fluorophenol
Concen: 97.441 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:112 Resp: 877748

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	27.7	23.7	35.5



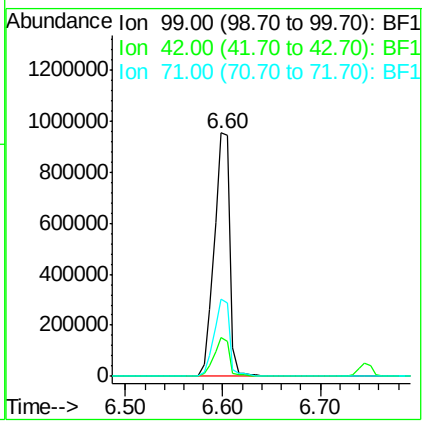


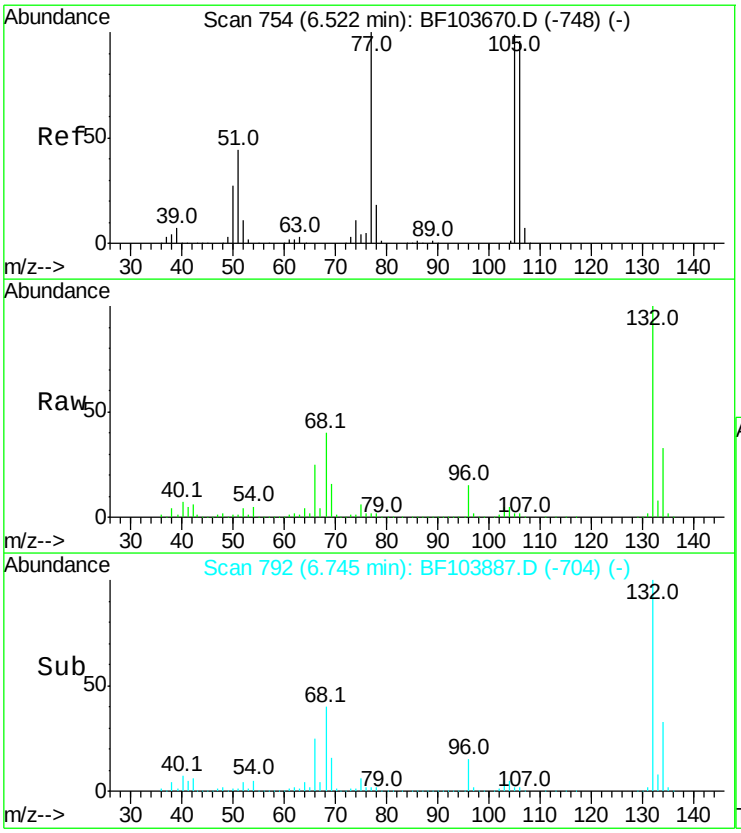
#7
Phenol-d6
Concen: 95.807 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1055853

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	31.8	25.4	38.0

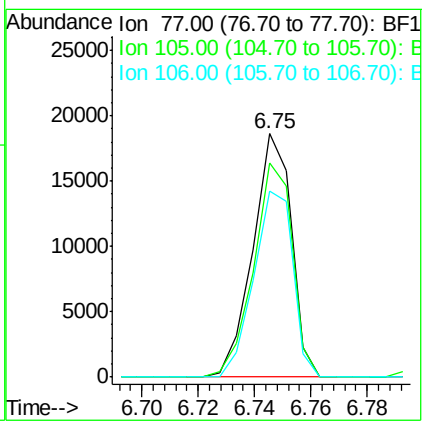


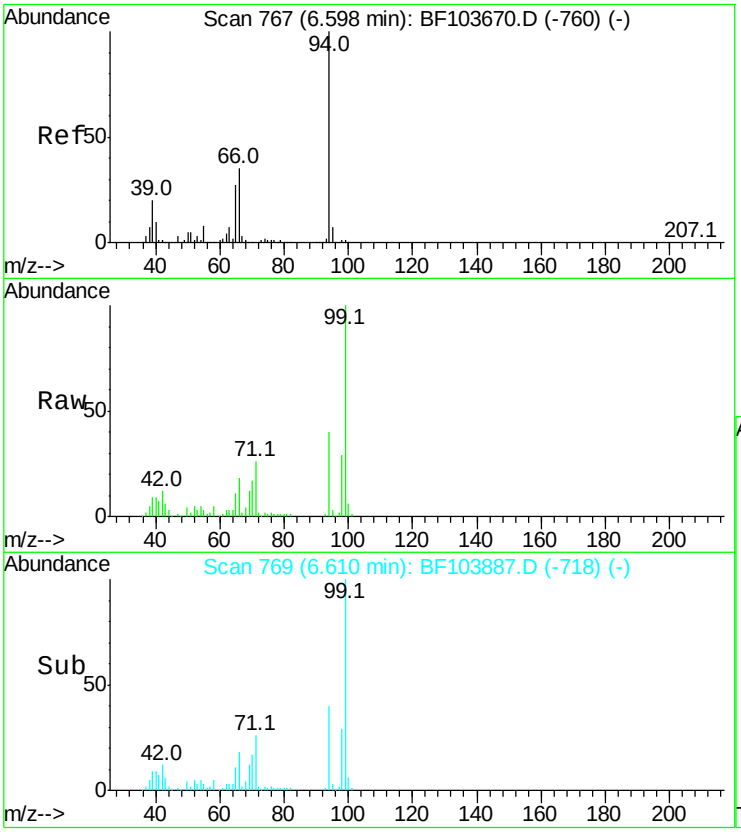


#9
Benzaldehyde
Concen: 2.438 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion: 77 Resp: 17649

Ion	Ratio	Lower	Upper
77	100		
105	87.9	81.1	121.1
106	76.5	74.5	114.5



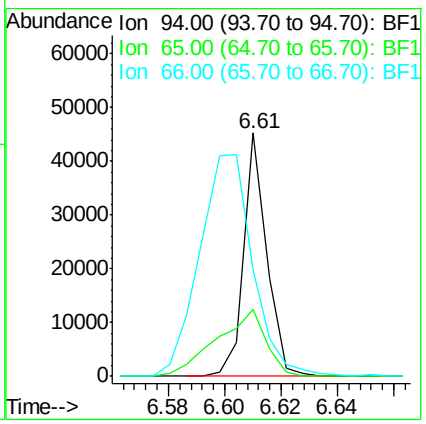


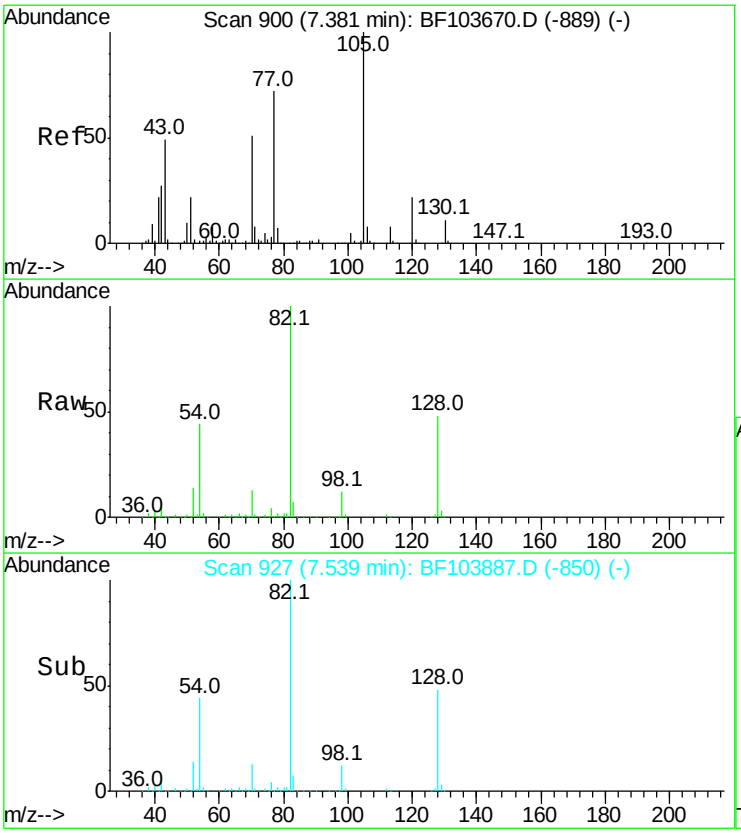
#10
Phenol
Concen: 2.193 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 25677

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	43.9	16.2	56.2

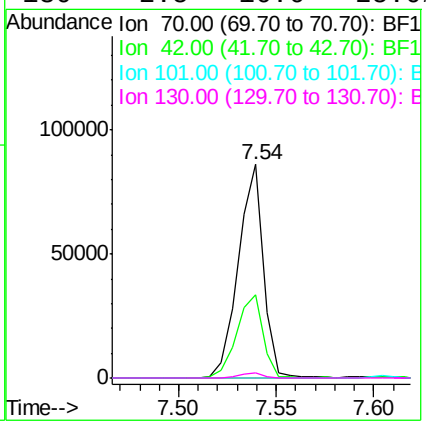


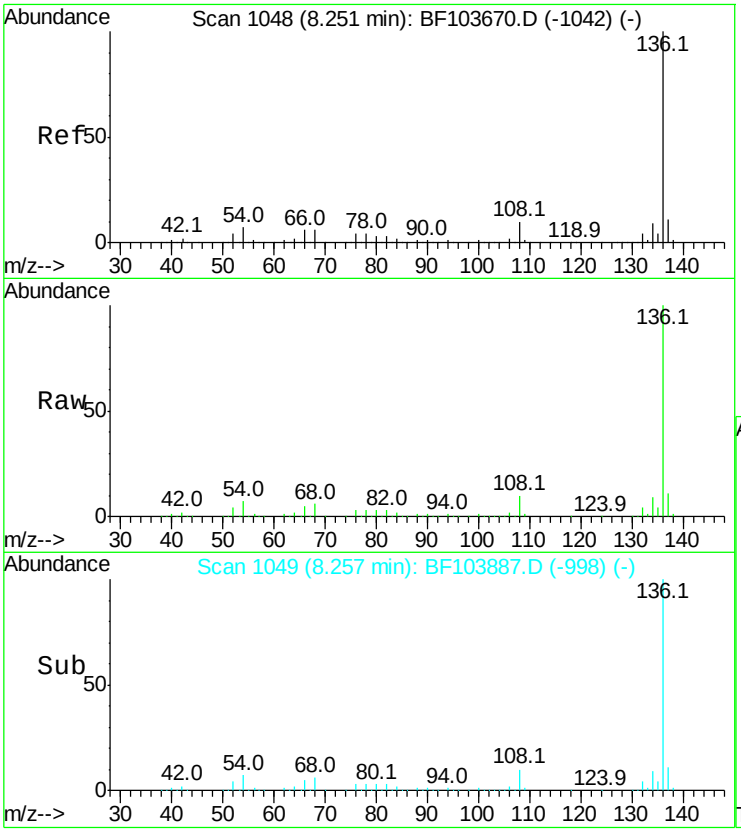


#19
n-Nitroso-di-n-propylamine
Concen: 10.869 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion: 70 Resp: 76768

Ion	Ratio	Lower	Upper
70	100		
42	38.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



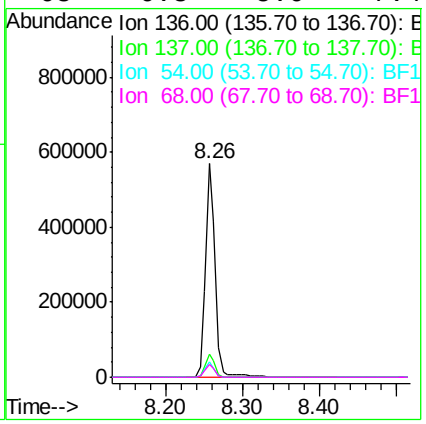


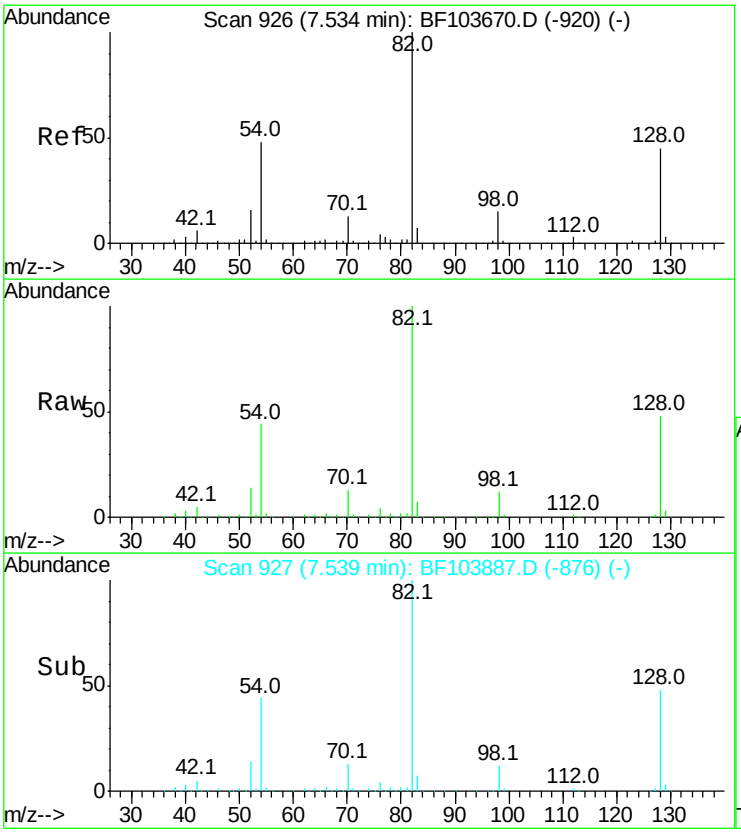
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 493498

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.3	5.0	7.4

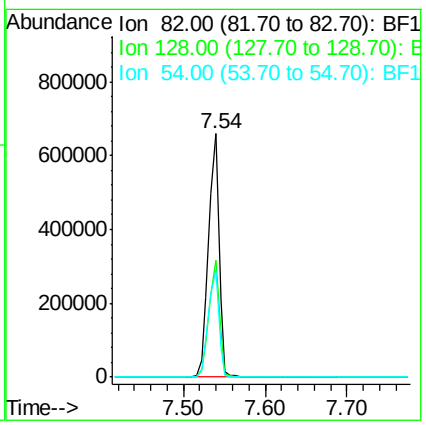


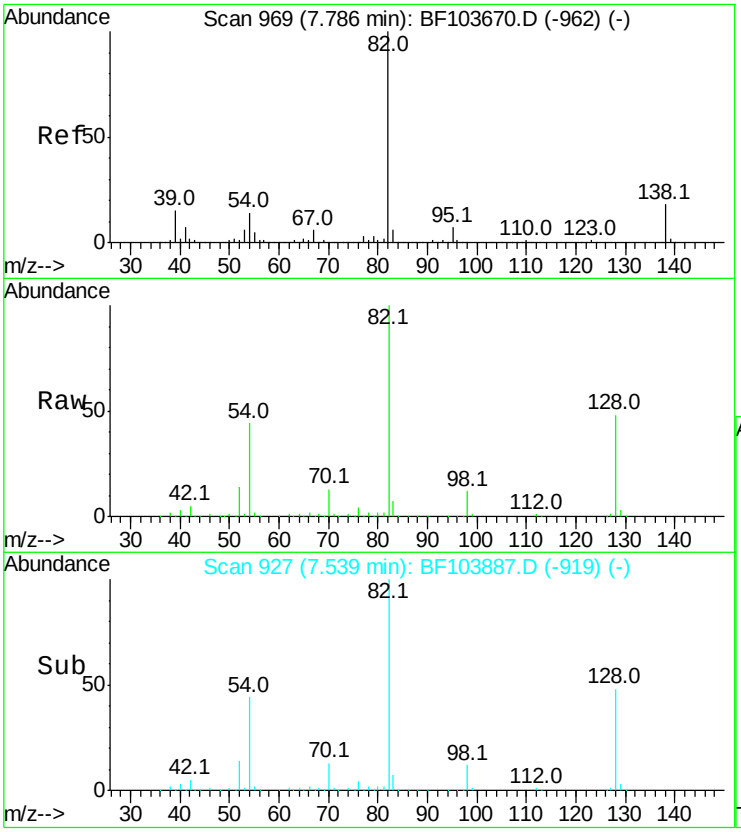


#23
Nitrobenzene-d5
Concen: 84.105 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion: 82 Resp: 595185

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	43.6	41.4	62.2



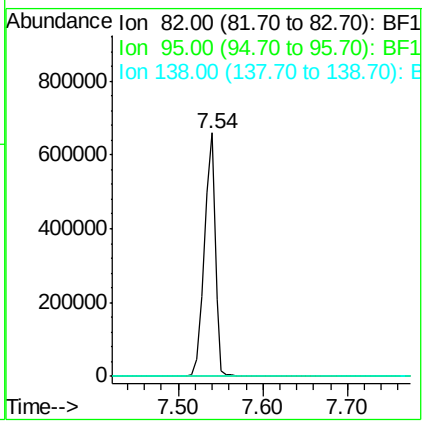


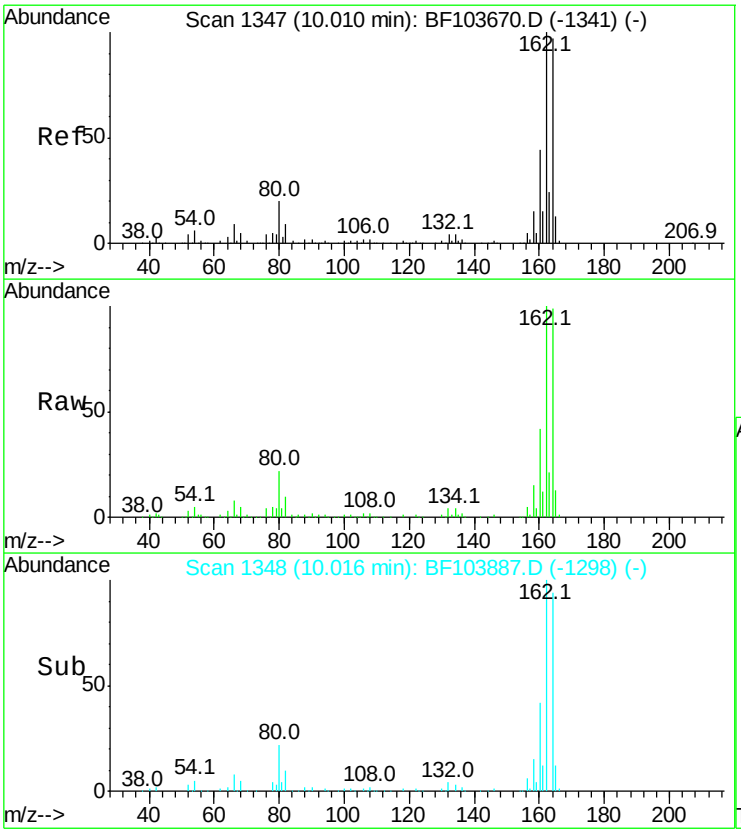
#25
Isophorone
Concen: 36.331 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 595179

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

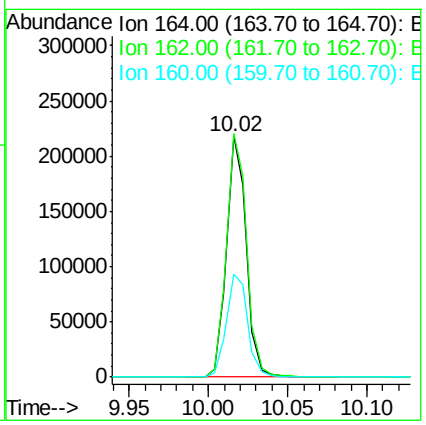


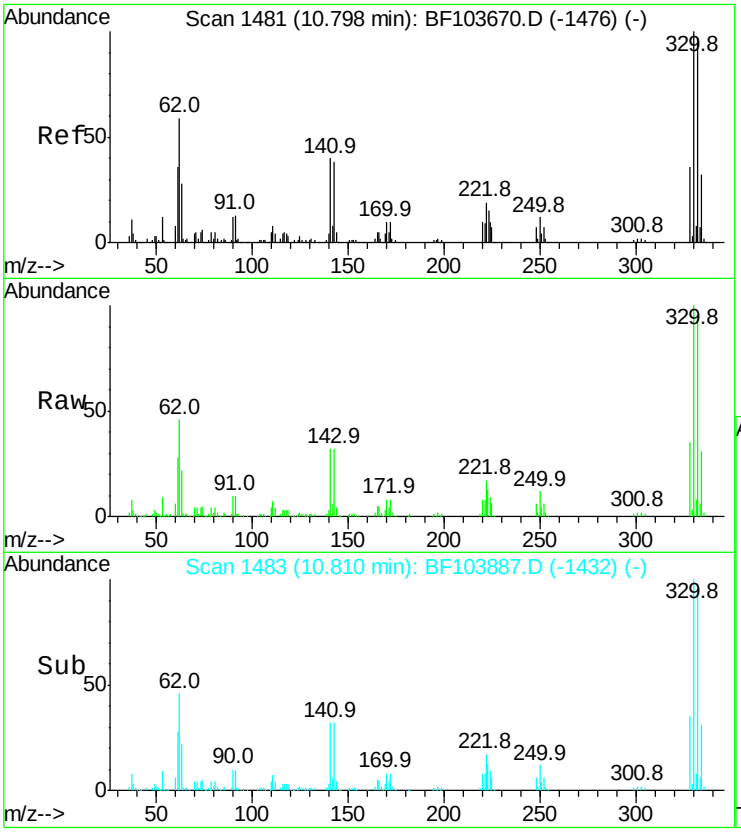


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:164 Resp: 187508

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	42.6	38.3	57.5



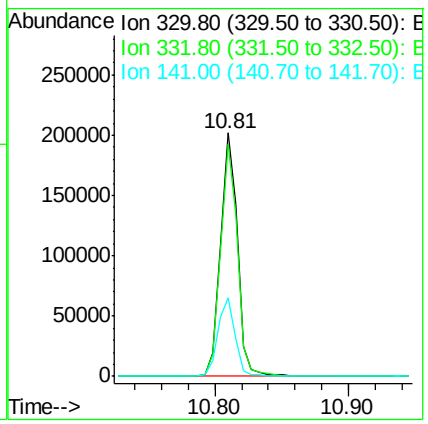


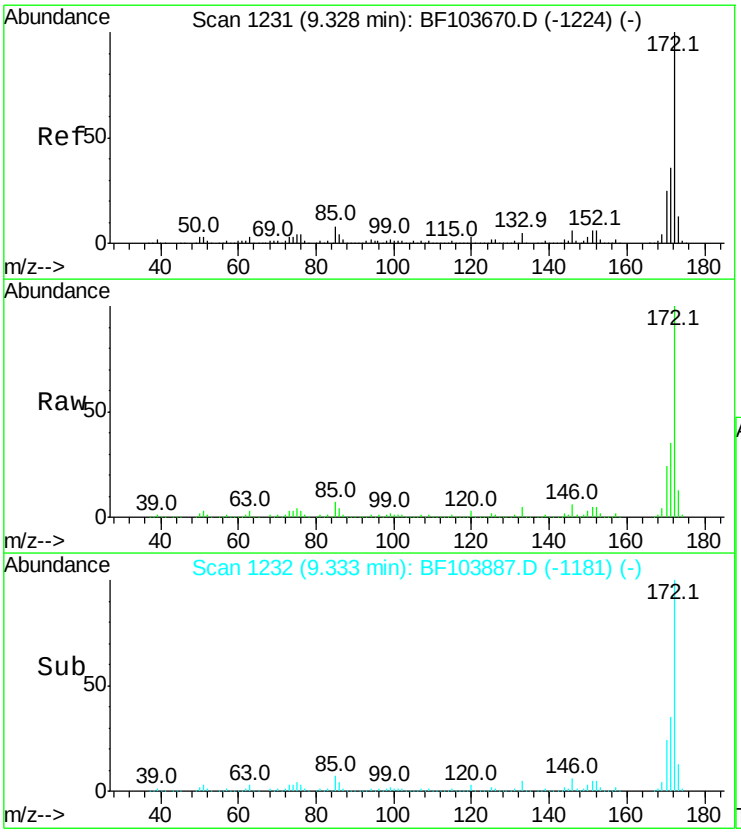
#41
2,4,6-Tribromophenol
Concen: 112.888 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 181998

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.2	29.9	44.9

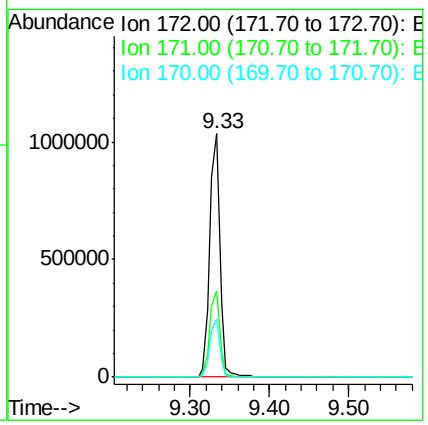


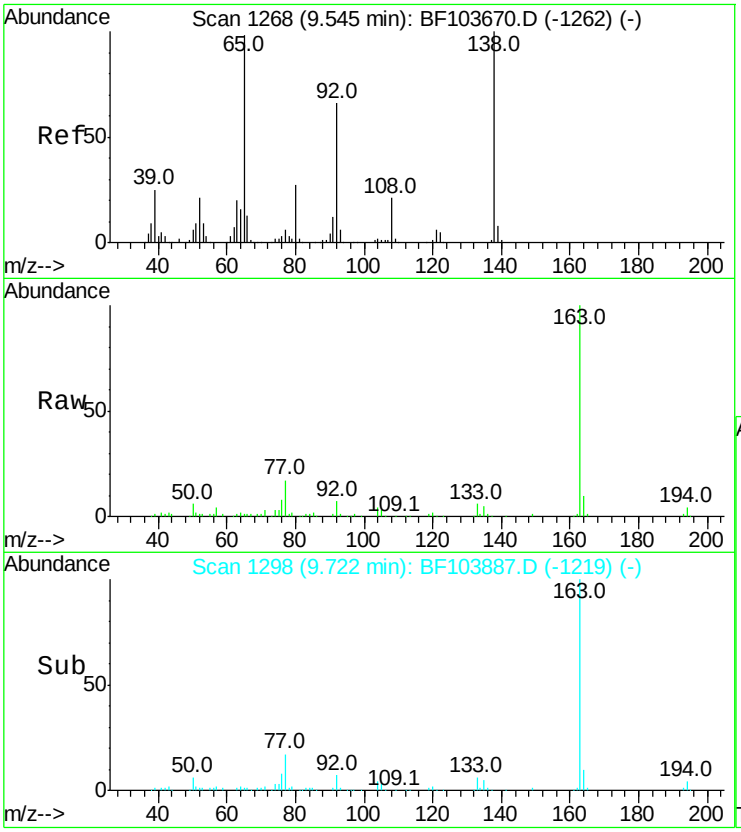


#44
2-Fluorobiphenyl
Concen: 79.059 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:172 Resp: 929331

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4



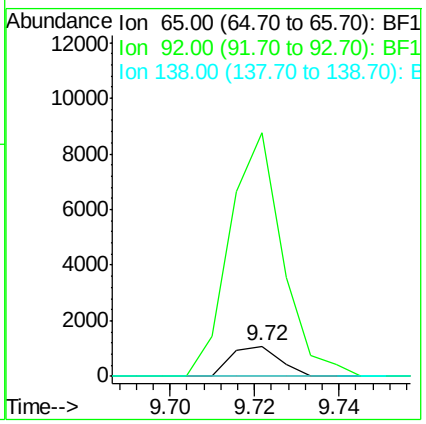


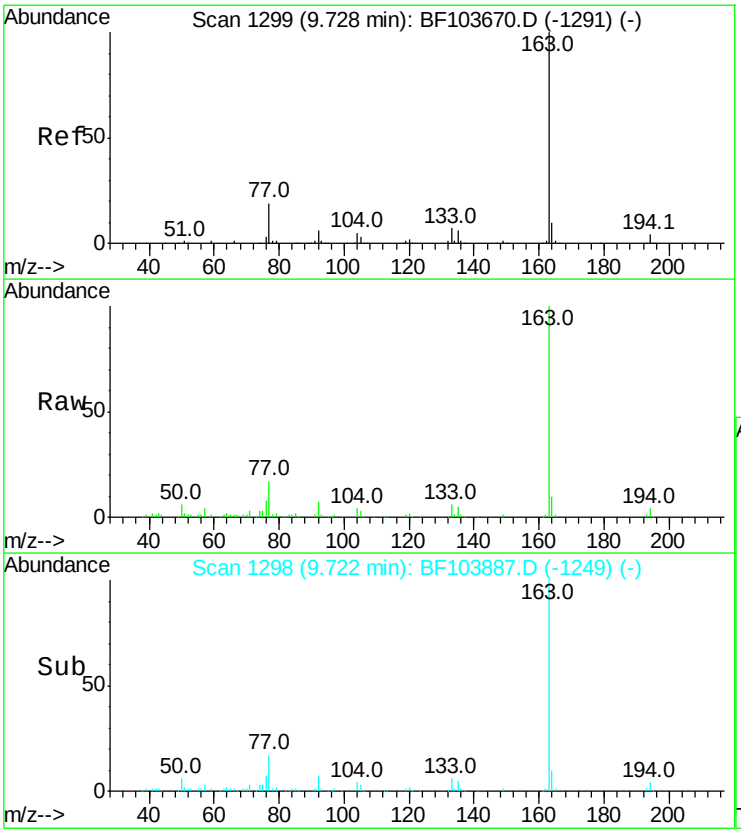
#47
2-Nitroaniline
Concen: 7.042 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.16 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 862

Ion	Ratio	Lower	Upper
65	100		
92	810.1	55.8	83.6#
138	0.0	91.2	136.8#

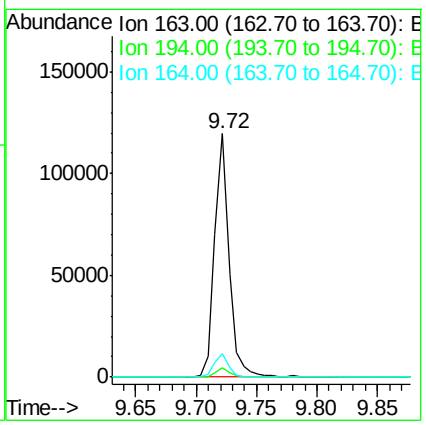


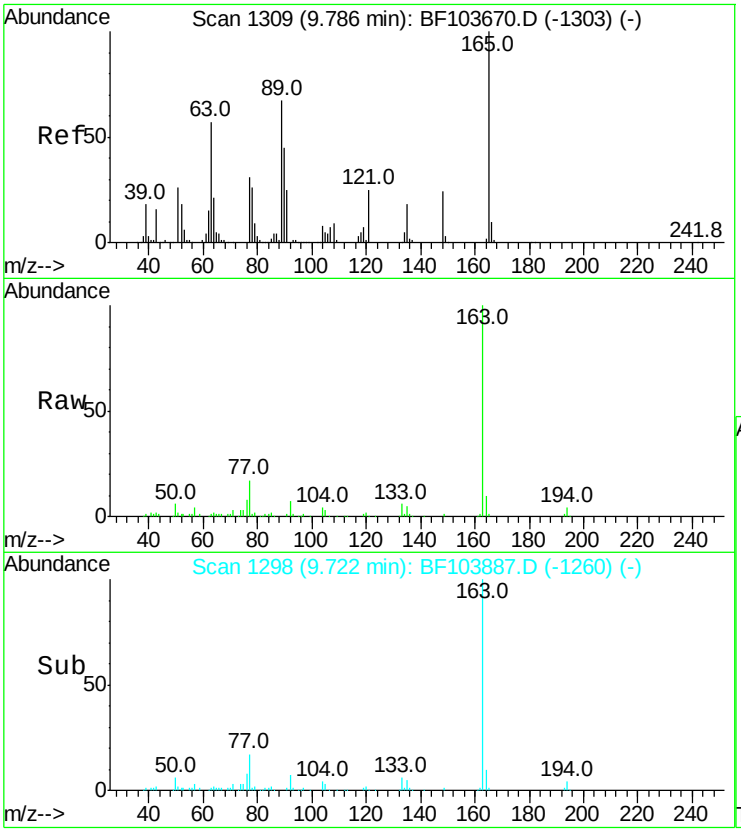


#49
Dimethylphthalate
Concen: 6.835 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:163 Resp: 97782

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2



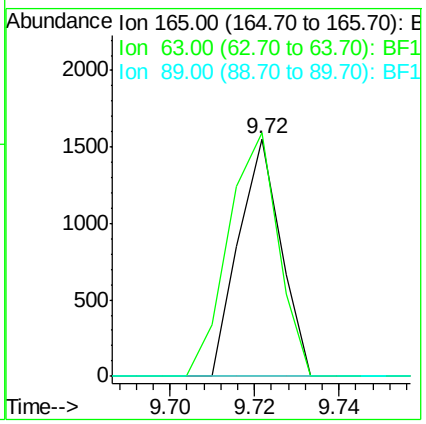


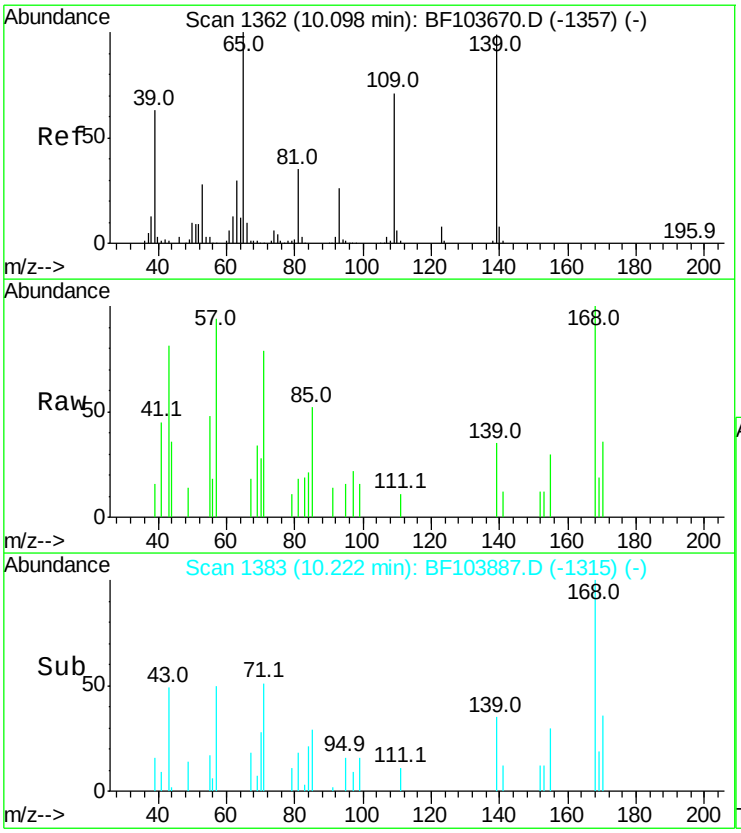
#50
2,6-Dinitrotoluene
Concen: 4.342 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.08 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1082

Ion	Ratio	Lower	Upper
165	100		
63	102.6	44.7	67.1#
89	0.0	44.0	66.0#

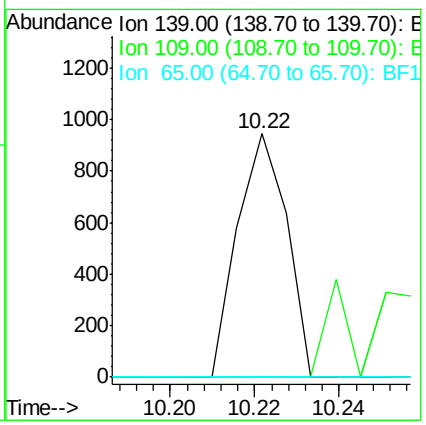


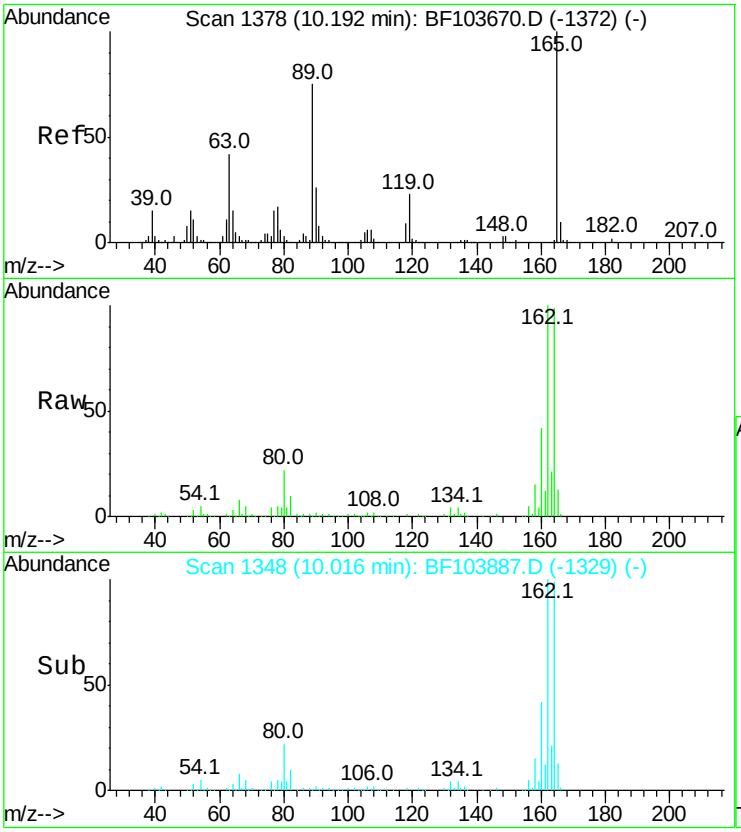


#55
4-Nitrophenol
Concen: 5.244 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.10 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:139 Resp: 765

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



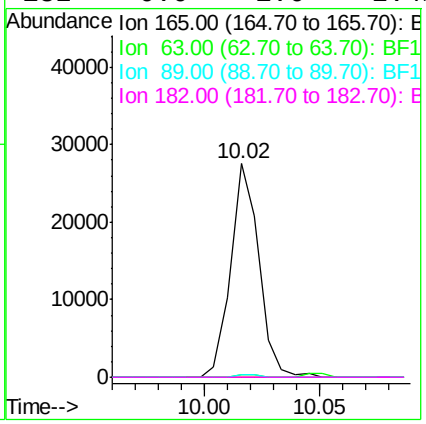


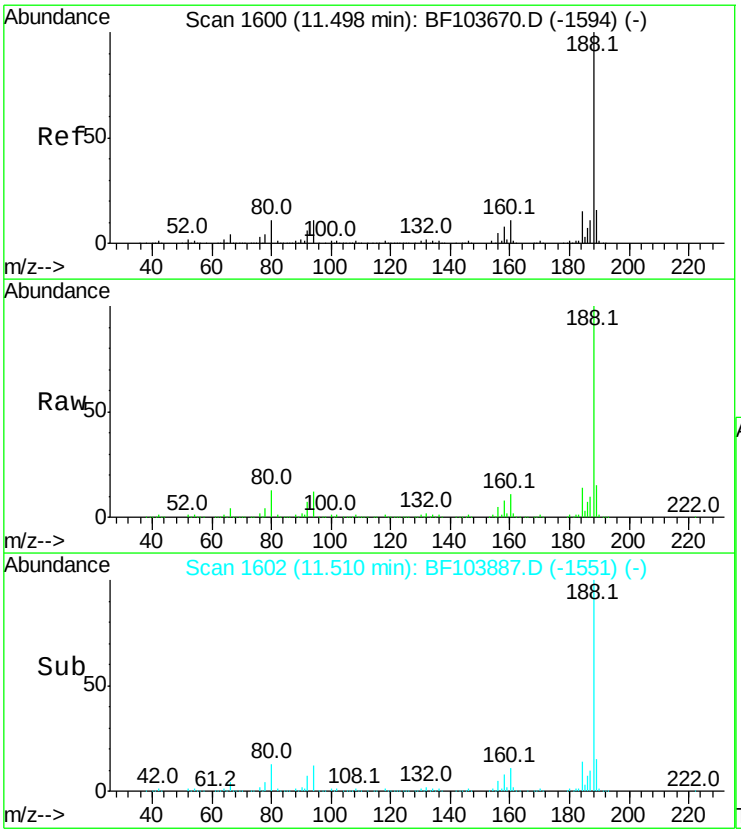
#56
2,4-Dinitrotoluene
Concen: 12.053 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23518

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

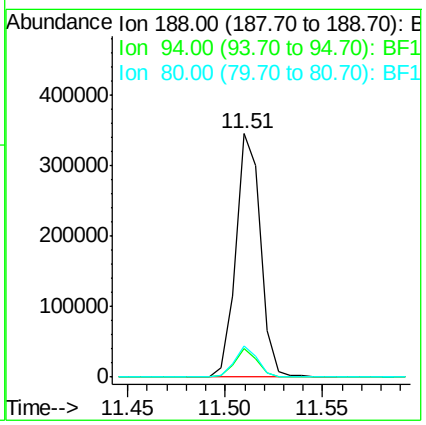


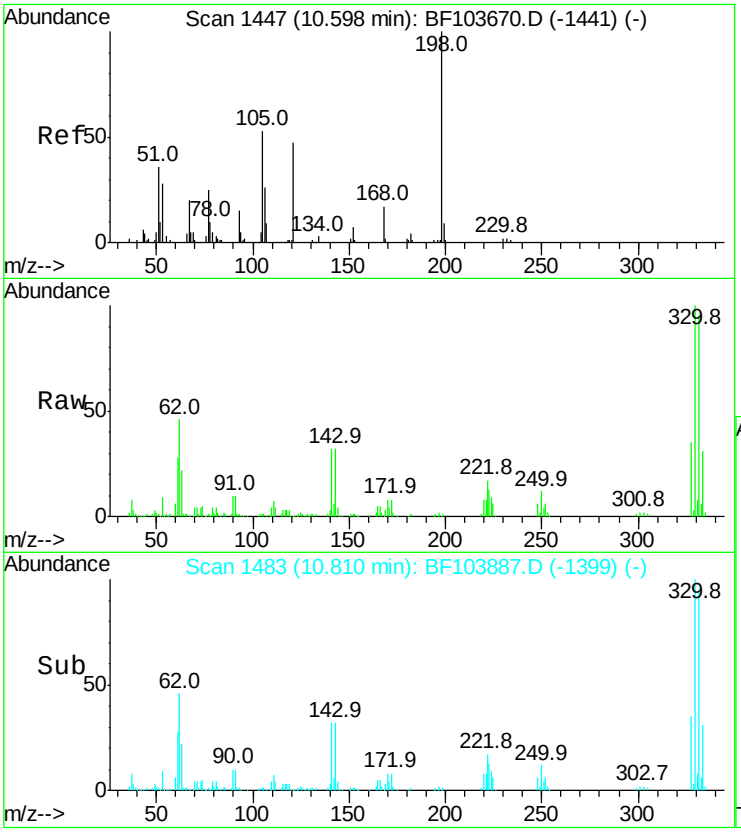


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:188 Resp: 302447

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.7	9.2	13.8



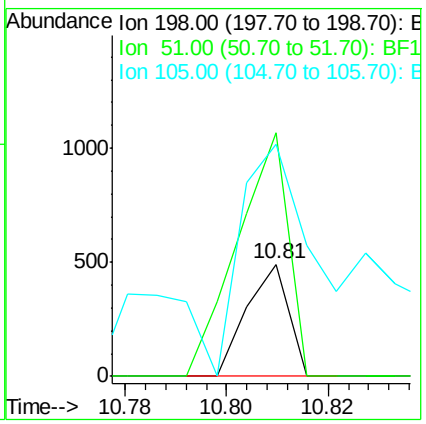


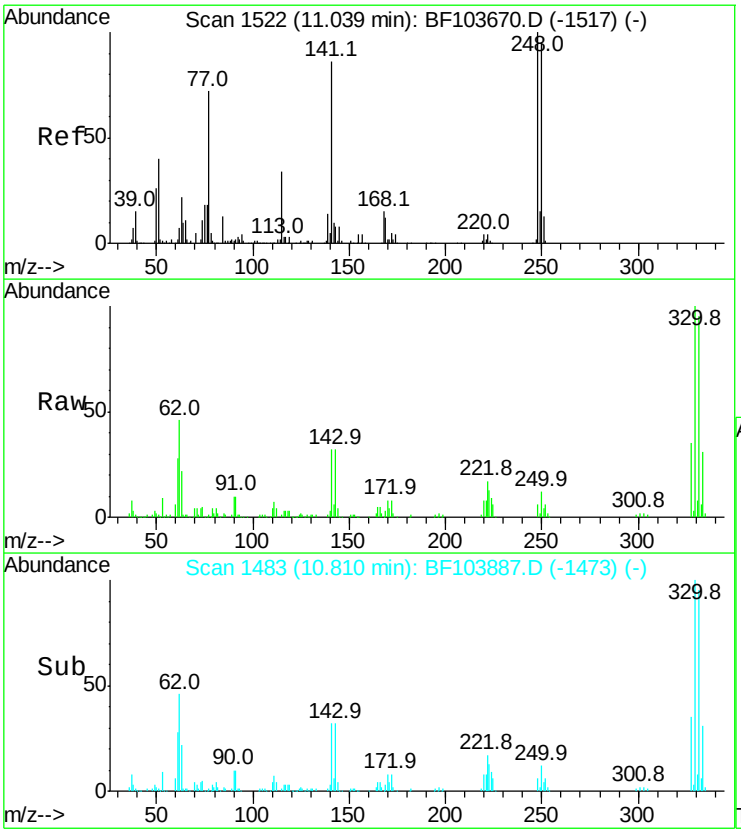
#64
4,6-Dinitro-2-methylphenol
Concen: 8.395 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 281

Ion	Ratio	Lower	Upper
198	100		
51	217.3	37.7	77.7#
105	206.9	36.3	76.3#

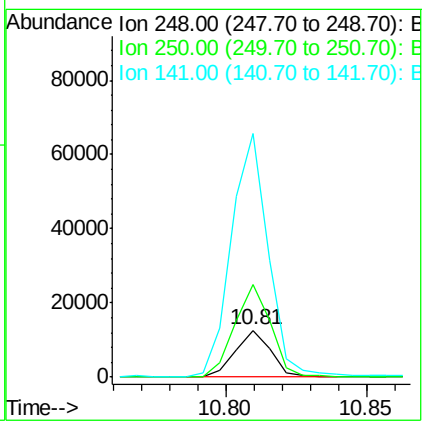


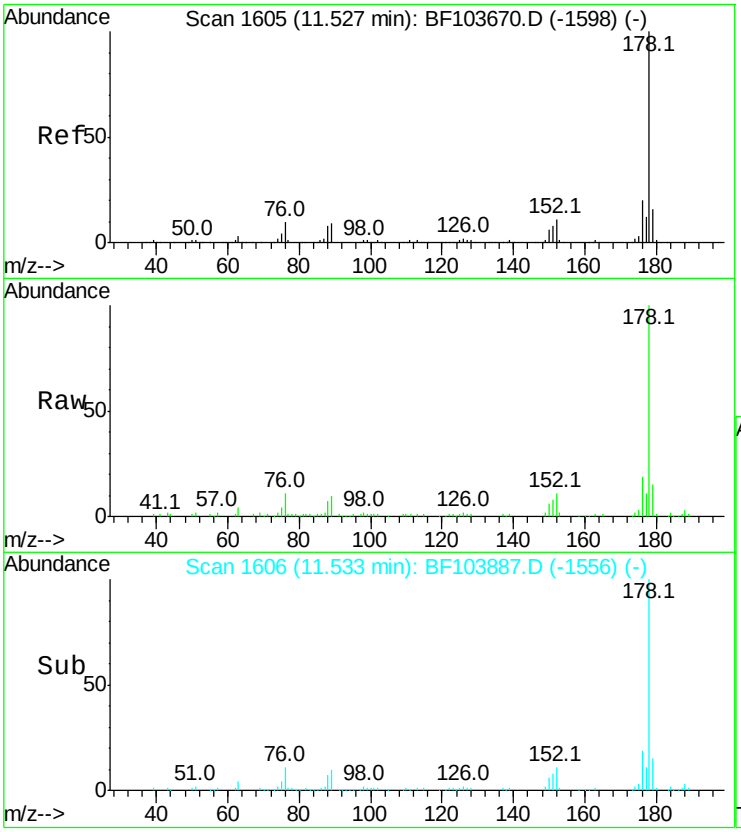


#66
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:248 Resp: 10953

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.9	115.3#
141	516.8	74.4	111.6#



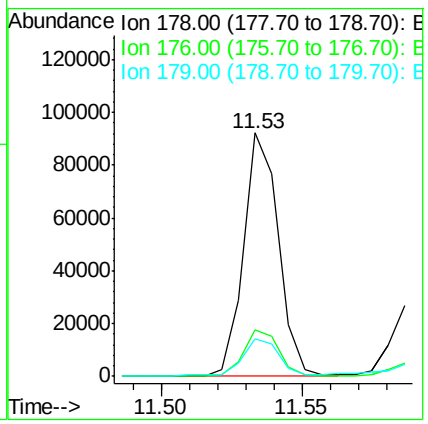


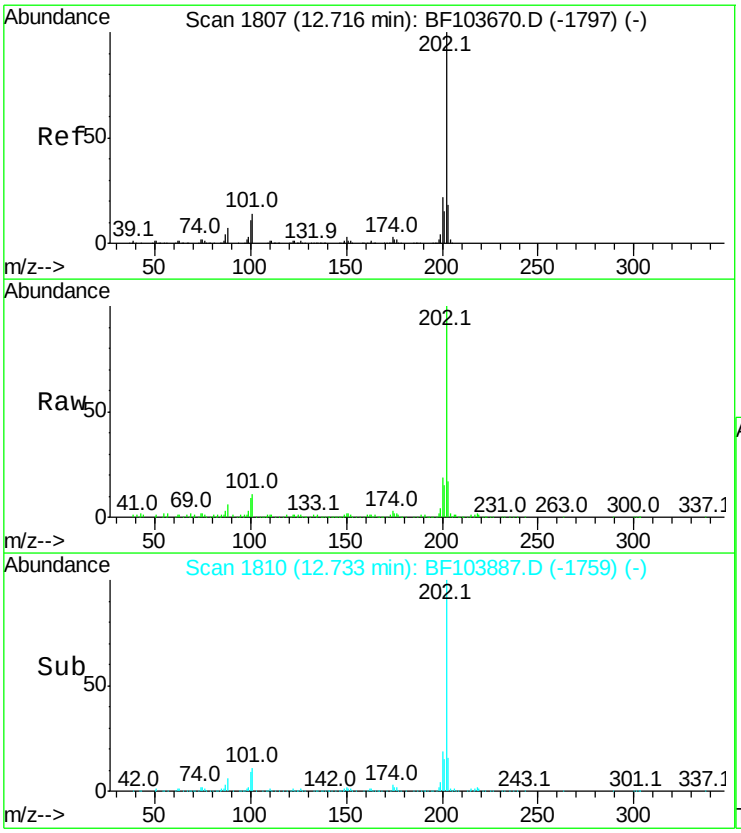
#70
Phenanthrene
Concen: 4.784 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 79144

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

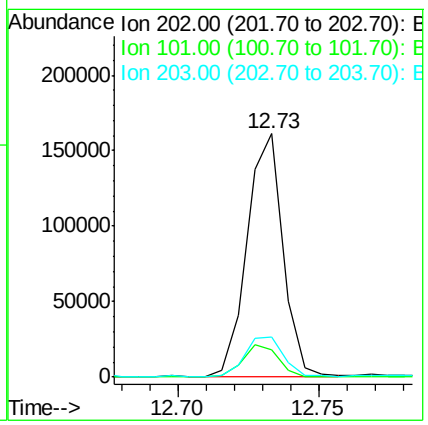


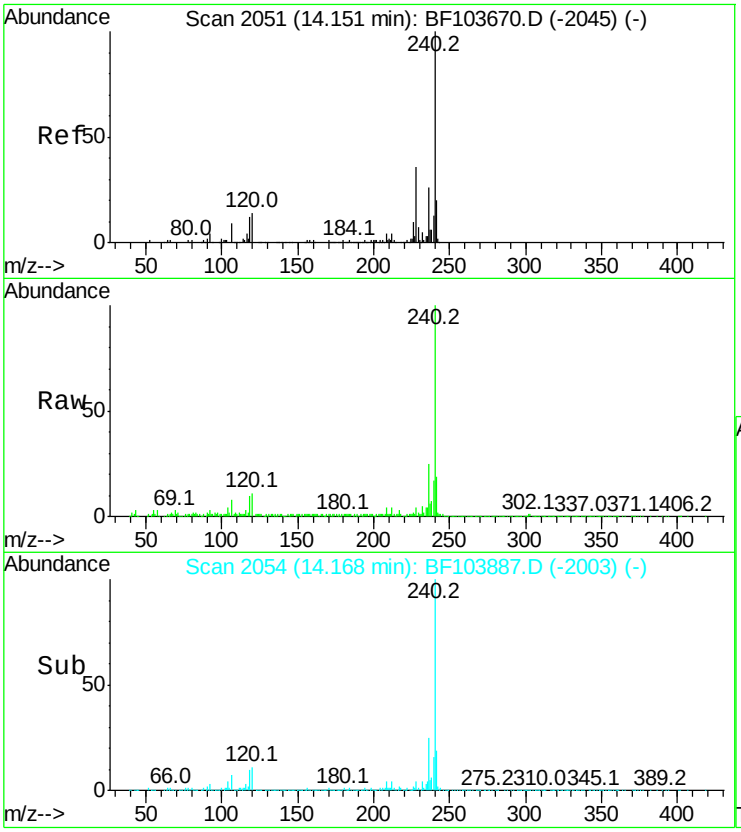


#74
Fluoranthene
Concen: 8.285 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:202 Resp: 141223

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	16.6	0.0	38.1



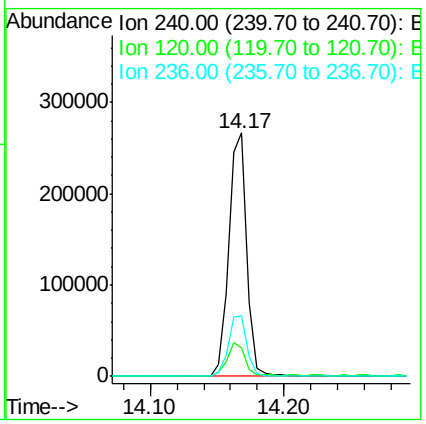


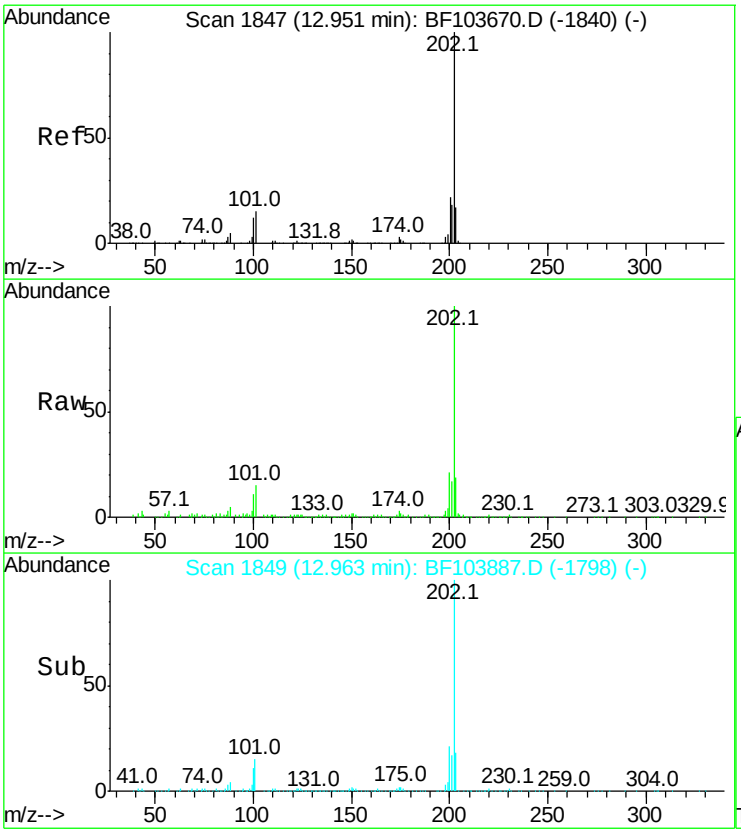
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 250557

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.0	20.7	31.1

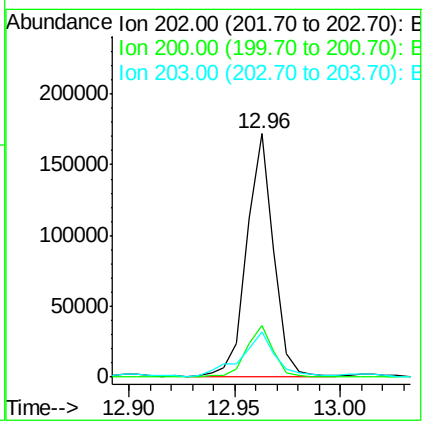


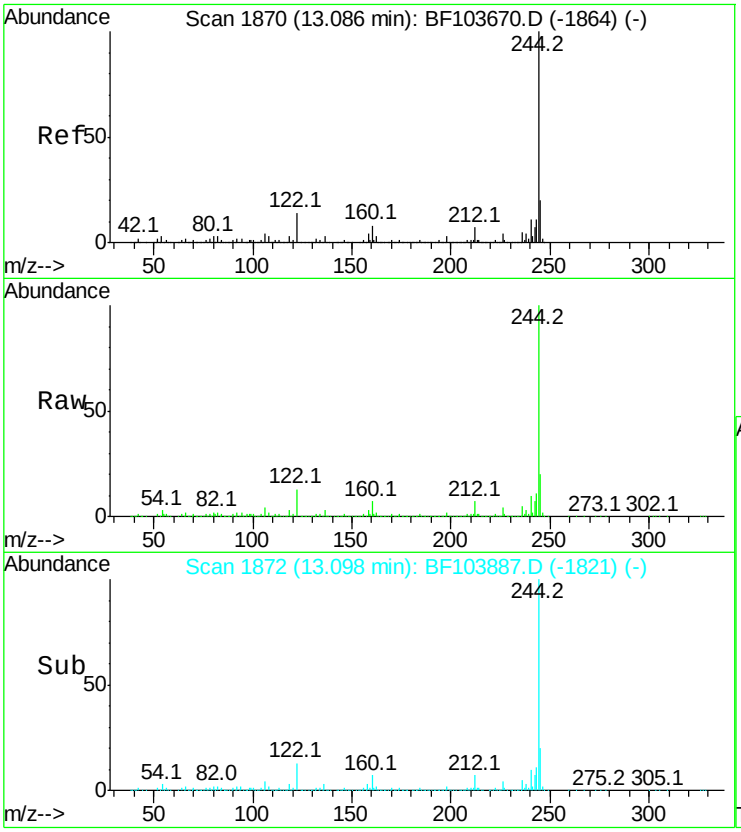


#77
Pyrene
Concen: 8.183 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:202 Resp: 150572

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.7	14.3	21.5



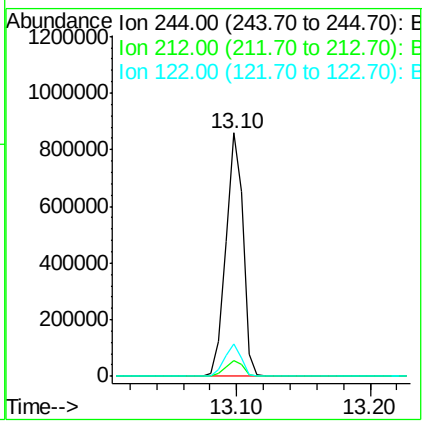


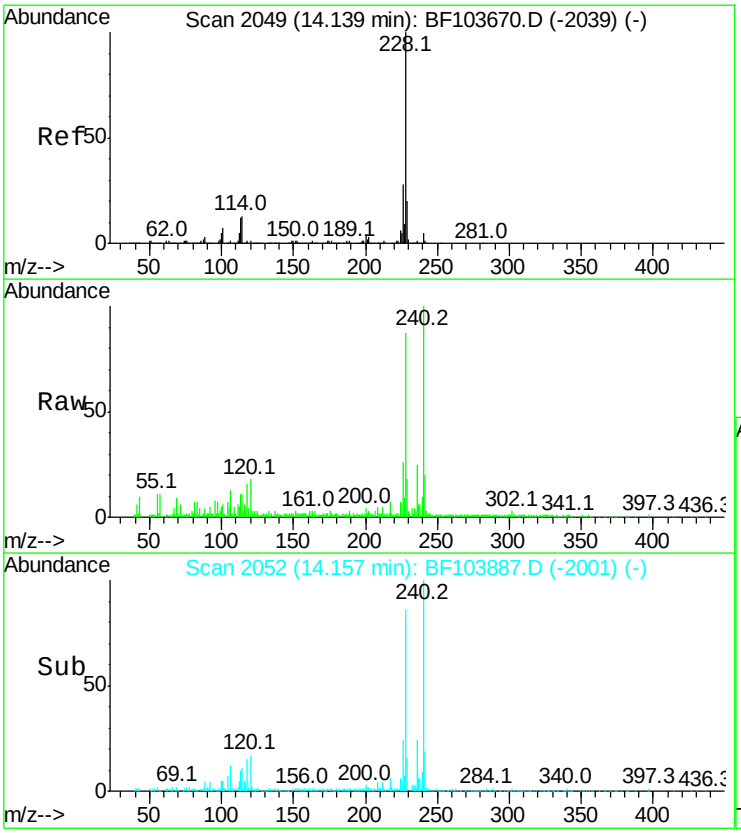
#78
Terphenyl-d14
Concen: 72.333 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 780805

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.2	11.0	16.4

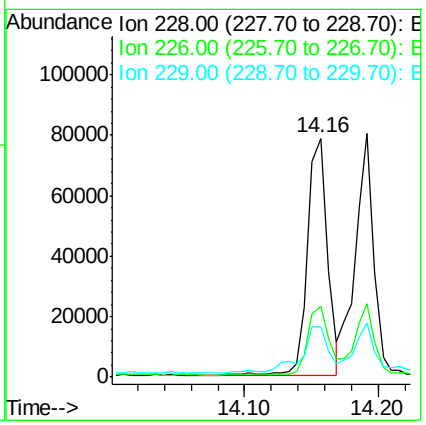


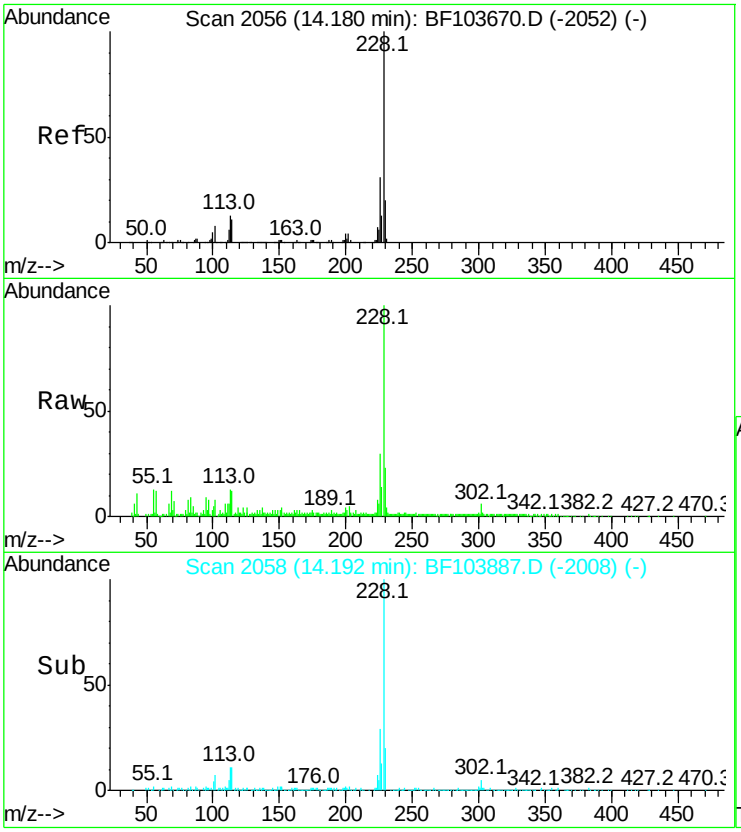


#80
Benzo(a)anthracene
Concen: 5.021 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:228 Resp: 79634

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.9	15.8	23.6



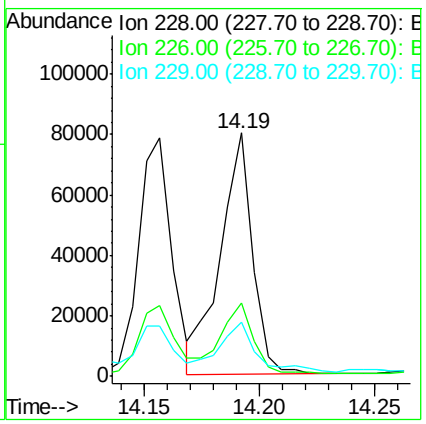


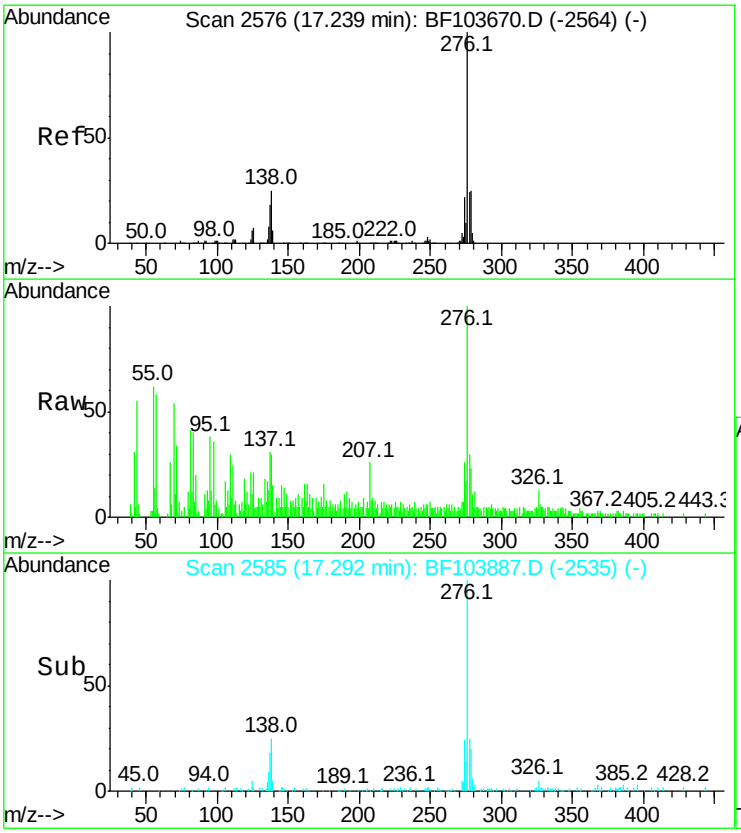
#82
Chrysene
Concen: 5.131 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77582

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.5	16.2	24.4

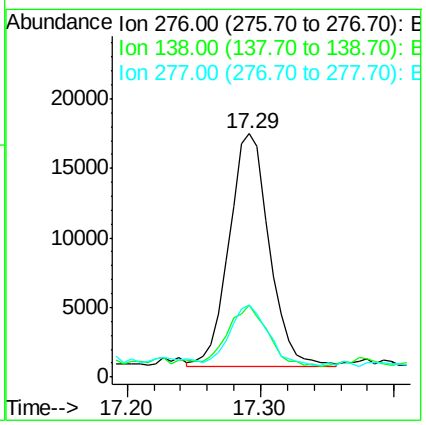


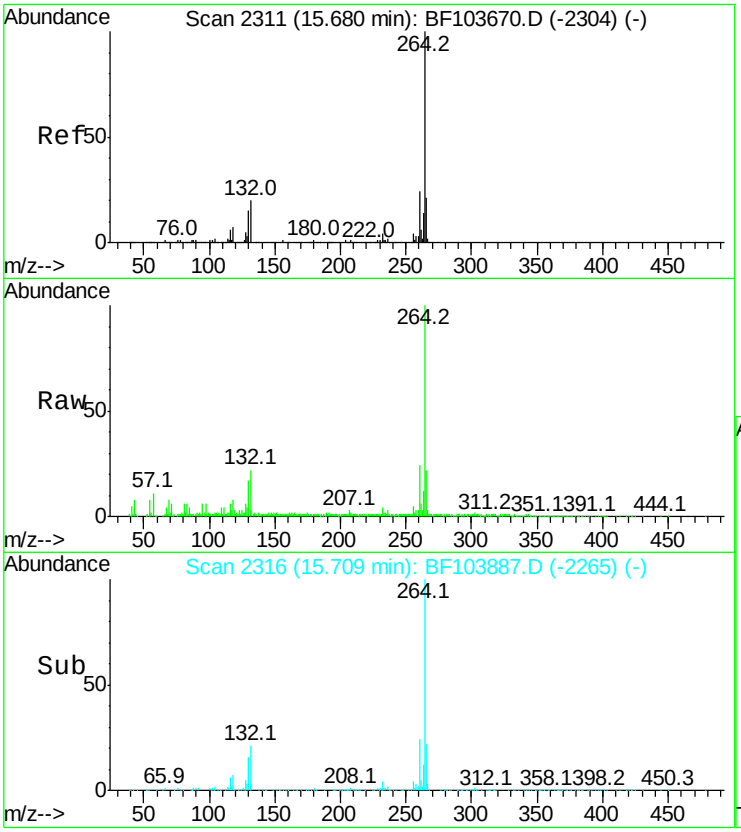


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.654 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:276 Resp: 35041

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	23.8	20.1	30.1



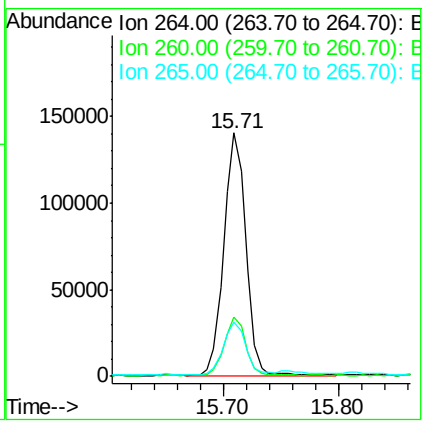


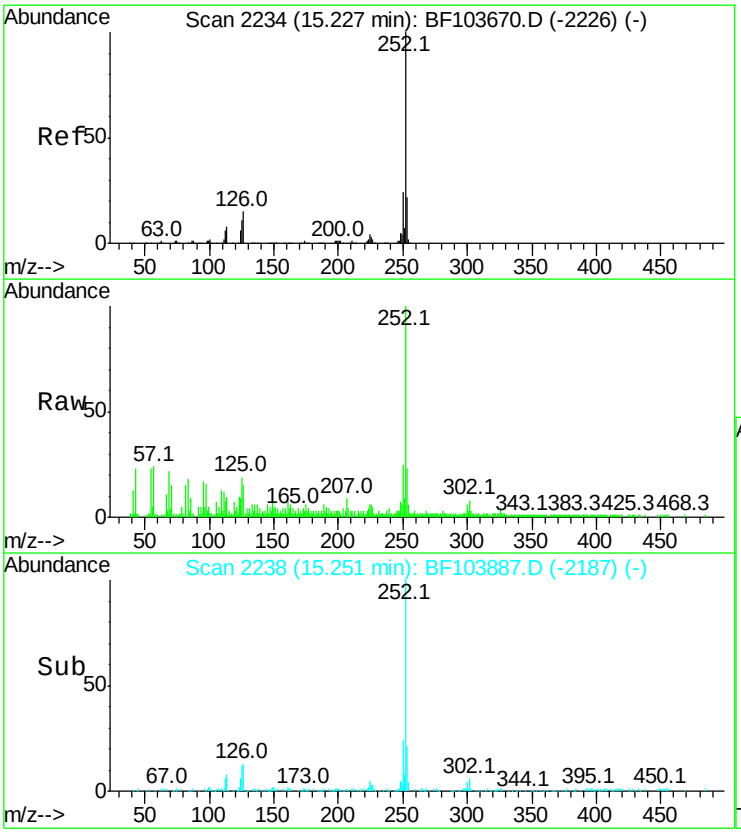
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 184187

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3

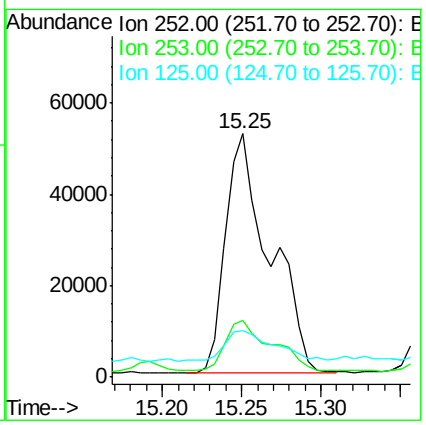


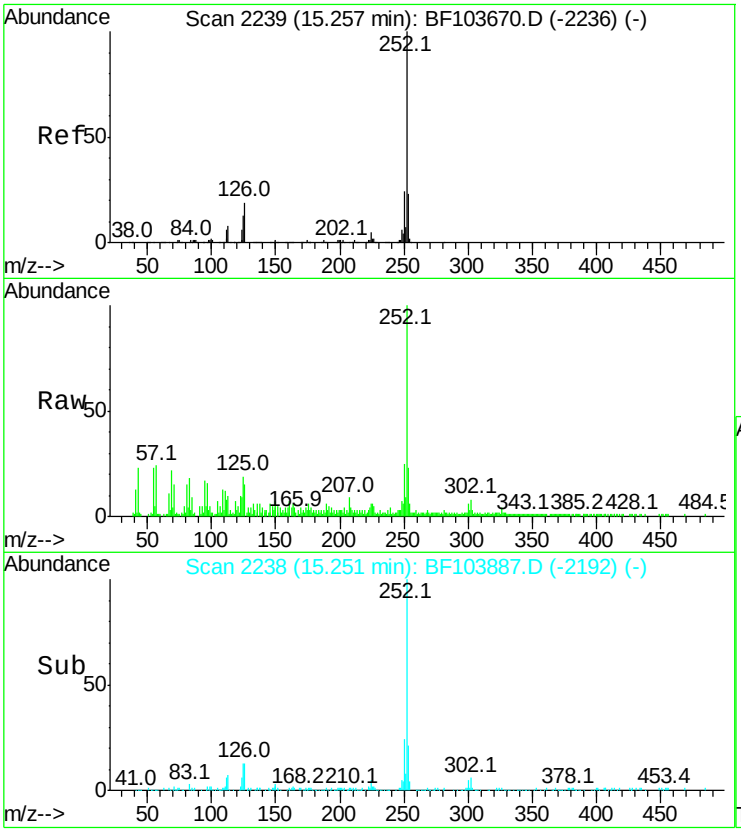


#87
Benzo(b)fluoranthene
Concen: 8.746 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:252 Resp: 101774

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	18.9	9.0	13.6#



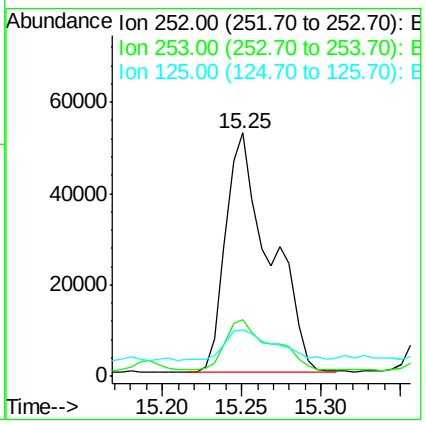


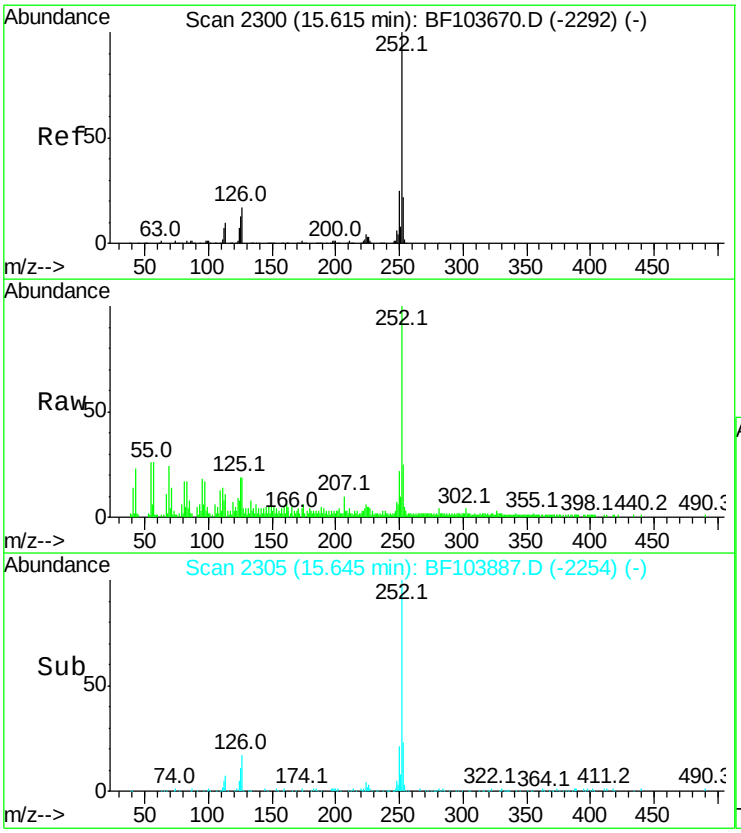
#88
Benzo(k)fluoranthene
Concen: 9.099 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.03 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 101774

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	18.9	10.2	15.2#

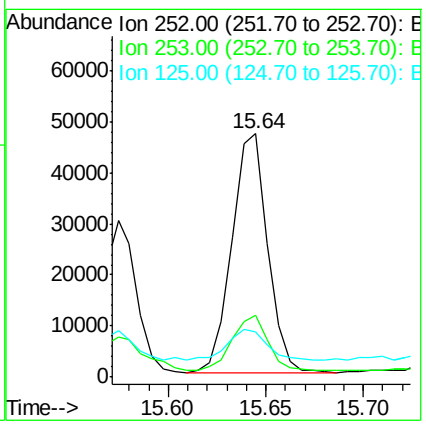


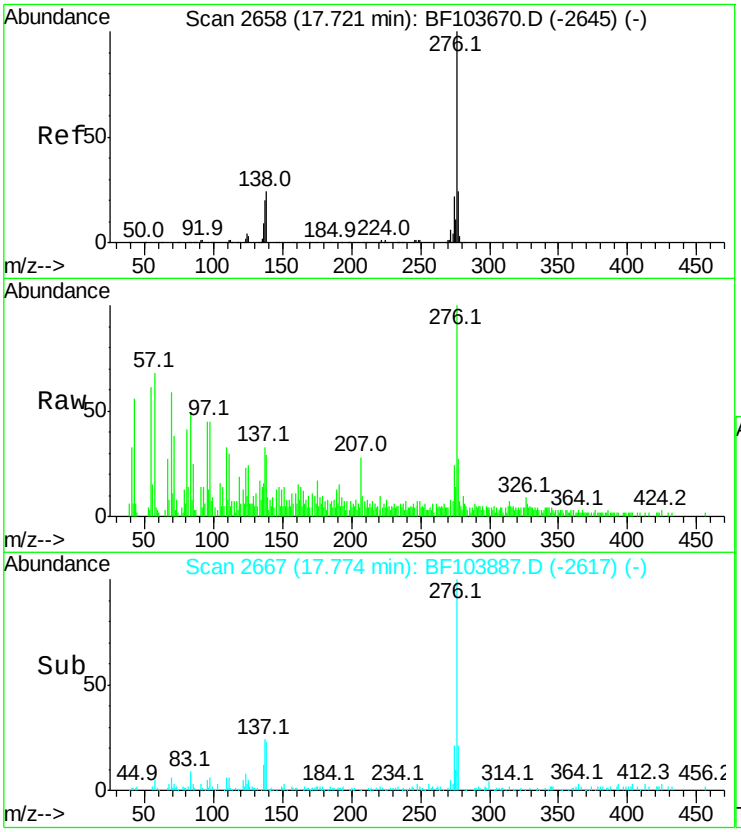


#89
Benzo(a)pyrene
Concen: 5.645 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Tgt Ion:252 Resp: 59580

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	18.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.917 ng
RT: 17.77 min Scan# 2667
Delta R.T. -0.01 min
Lab File: BF103887.D
Acq: 23 Mar 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34822

Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	29.2	21.8	32.8