Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103787.D
Acq On : 20 Mar 2018 6:23
Operator : JU/SJ
Sample : J1973-01 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 20 07:02:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147008	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	587103	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	257997	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	410016	20.00	ng		0.00
75) Chrysene-d12	14.16	240	291528	20.00	ng		0.00
86) Perylene-d12	15.69	264	256879	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	213344	22.07	ng		0.00
7) Phenol-d6	6.58	99	262849	22.23	ng		0.00
23) Nitrobenzene-d5	7.53	82	145086	17.23	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	51899	23.40	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	252111	15.59	ng		0.00
78) Terphenyl-d14	13.09	244	181608	14.46	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	18320	2.417	ng	#	73
25) Isophorone	7.53	82	145084	7.444	ng	#	64
47) 2-Nitroaniline	9.43	65	281	6.868	ng	#	2
50) 2,6-Dinitrotoluene	10.01	165	33635	12.084	ng	#	25
55) 4-Nitrophenol	10.22	139	846	5.190	ng	#	9
56) 2,4-Dinitrotoluene	10.01	165	33635	12.283	ng	#	23
70) Phenanthrene	11.53	178	83726	3.733	ng		96
74) Fluoranthene	12.72	202	187267	8.104	ng		97
77) Pyrene	12.95	202	169175	7.902	ng		98
80) Benzo(a)anthracene	14.15	228	83686	4.535	ng		93
82) Chrysene	14.18	228	85836	4.880	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	44748	2.913	ng		95
87) Benzo(b)fluoranthene	15.23	252	147906	9.114	ng		96
88) Benzo(k)fluoranthene	15.23	252	147906	9.481	ng		99
89) Benzo(a)pyrene	15.63	252	70541	4.792	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	40819	3.292	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103787.D
Acq On : 20 Mar 2018 6:23
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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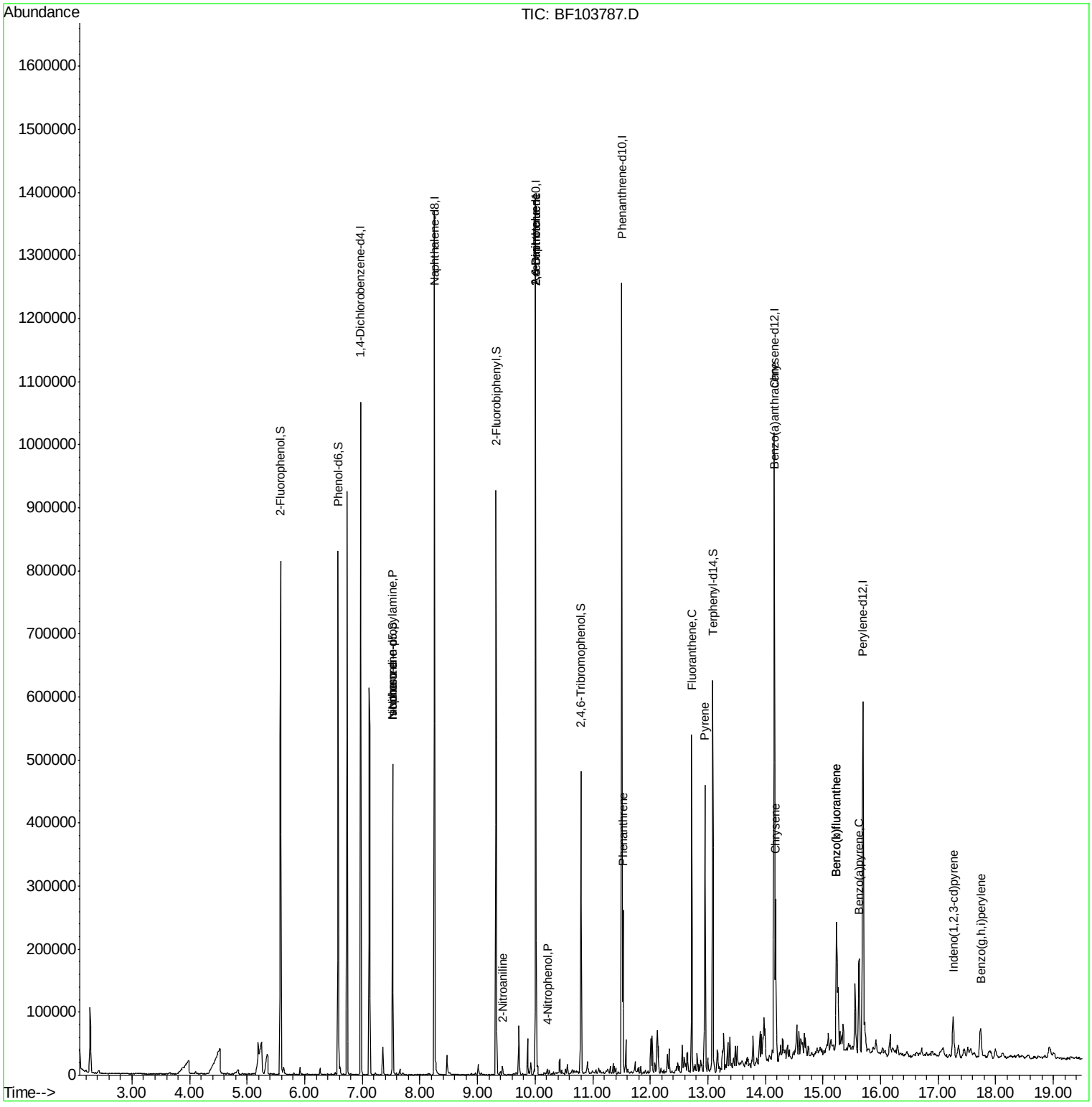
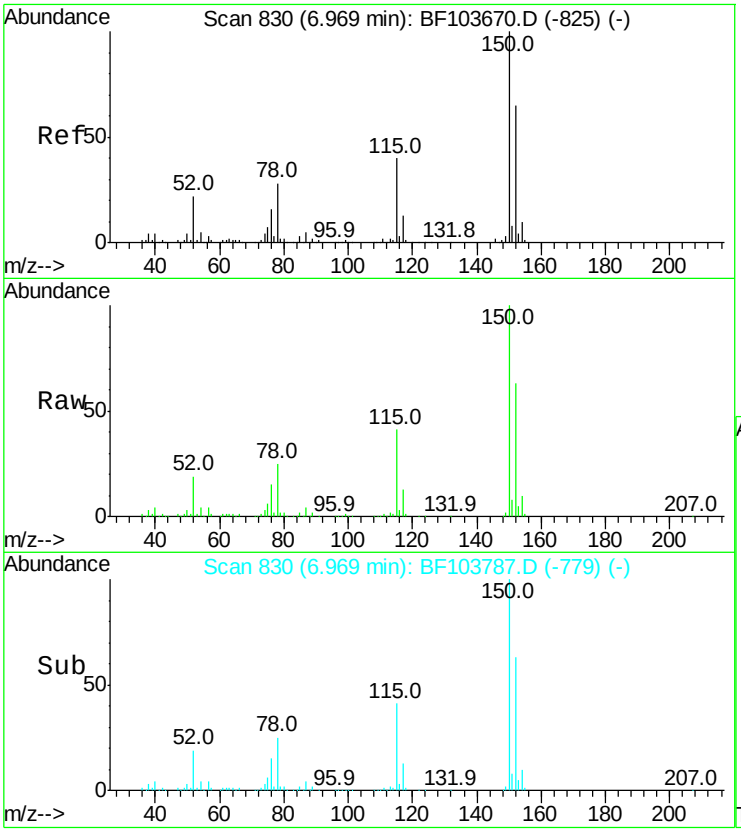


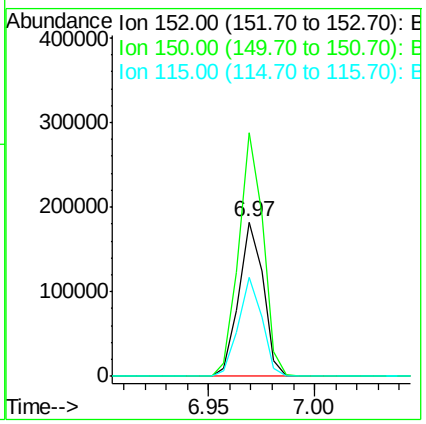


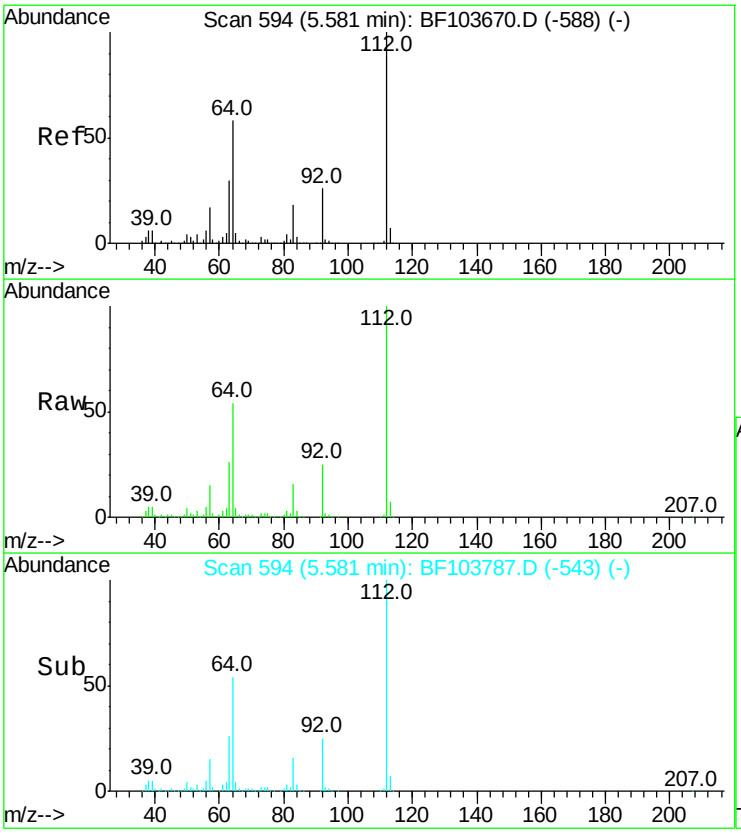
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147008

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	64.6	50.1	75.1

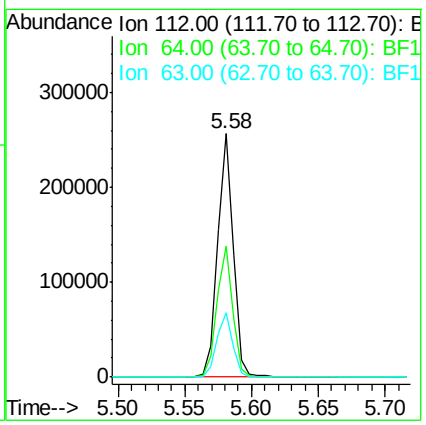


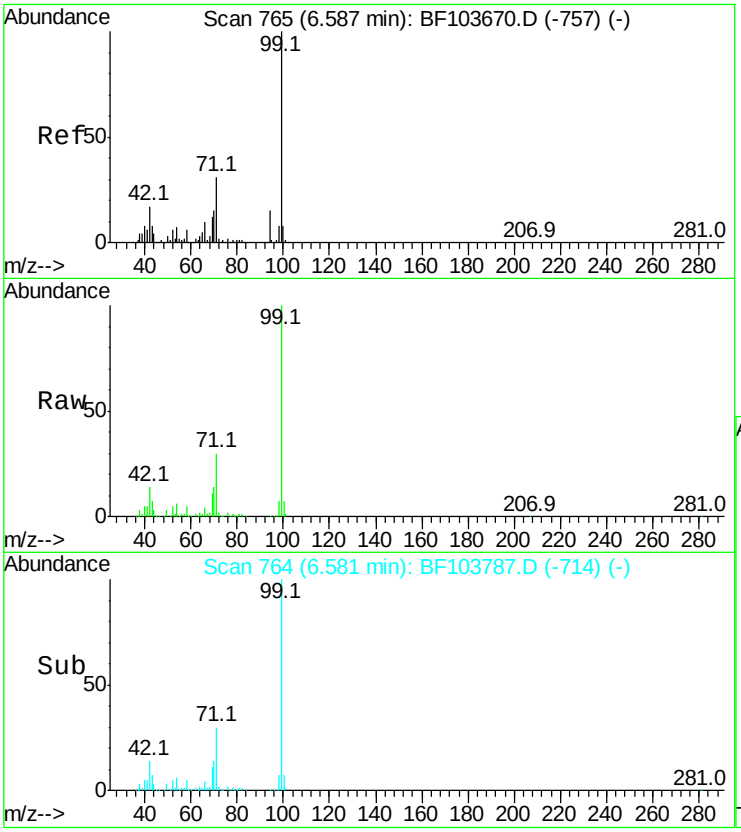


#5
2-Fluorophenol
Concen: 22.073 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:112 Resp: 213344

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.4	23.7	35.5



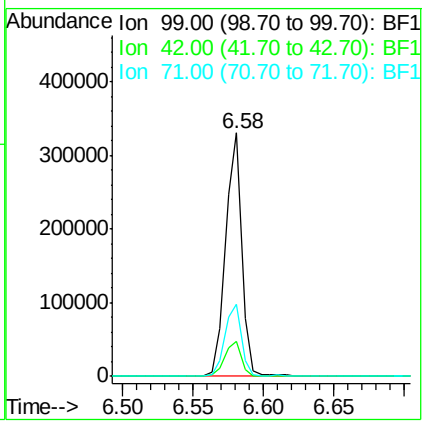


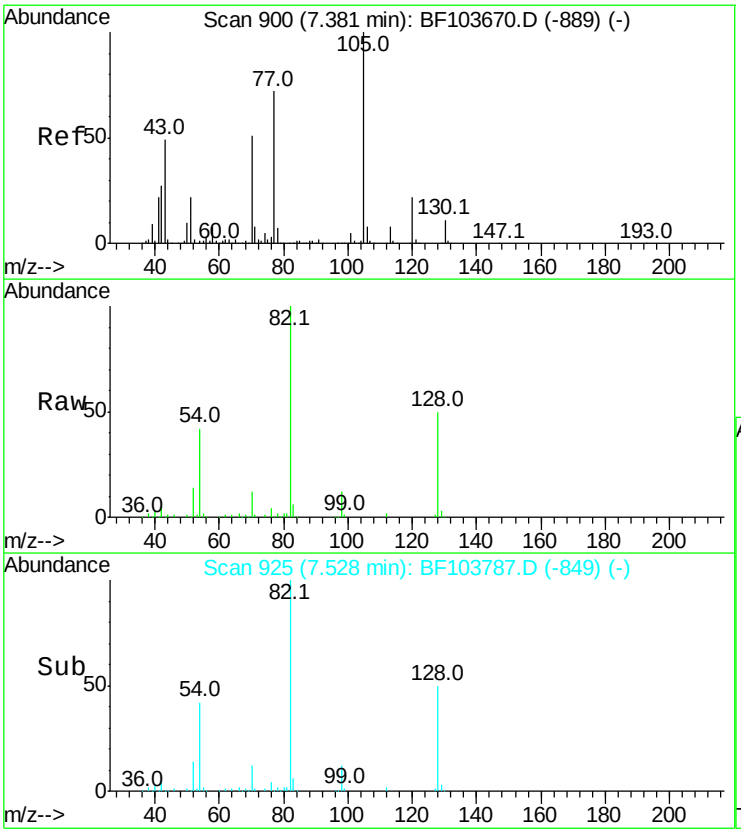
#7
Phenol-d6
Concen: 22.229 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 262849

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	29.6	25.4	38.0

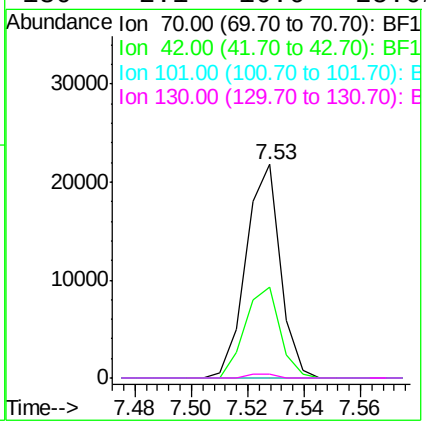


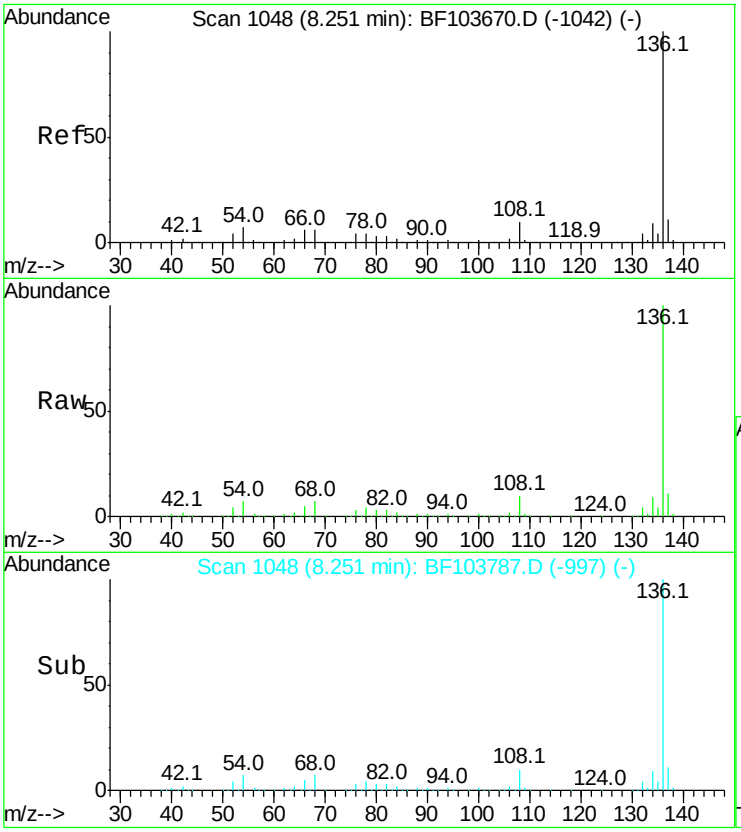


#19
n-Nitroso-di-n-propylamine
Concen: 2.417 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion: 70 Resp: 18320

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



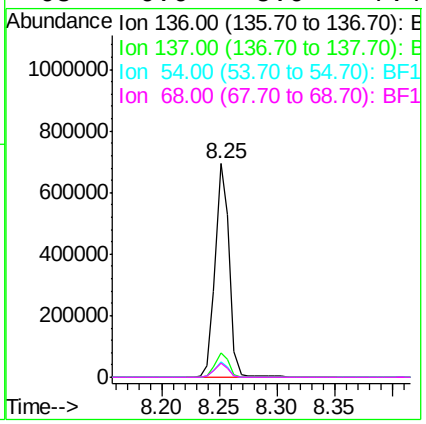


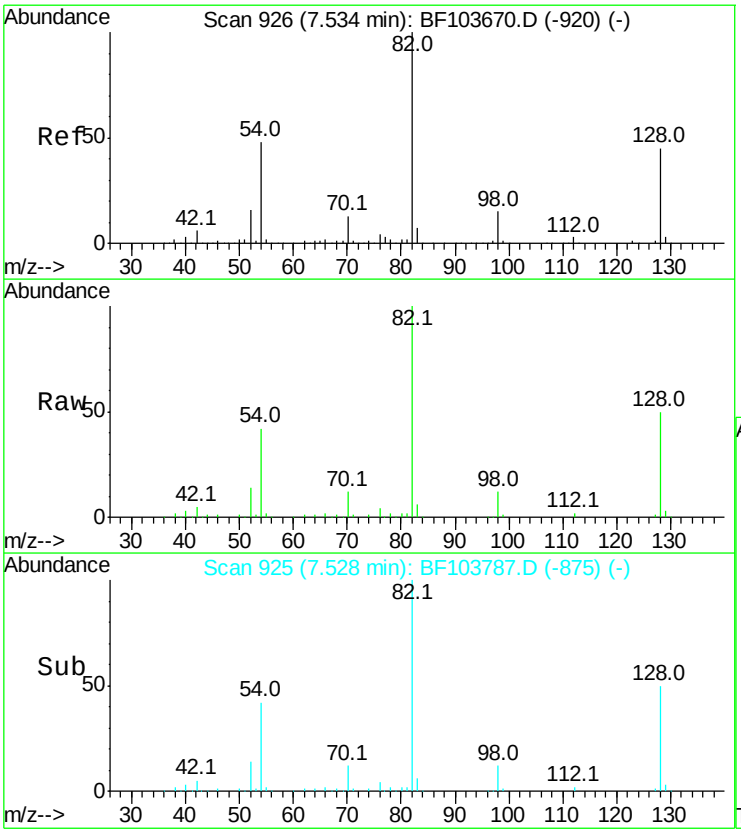
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 587103

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	6.6	9.8
68	6.6	5.0	7.4

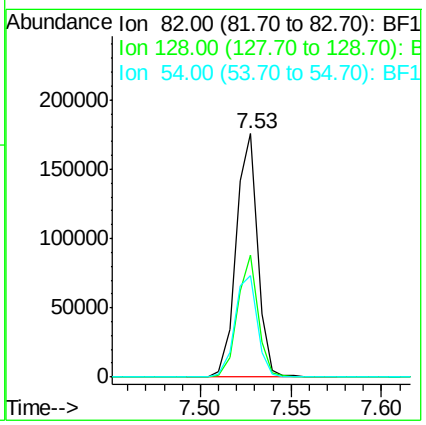


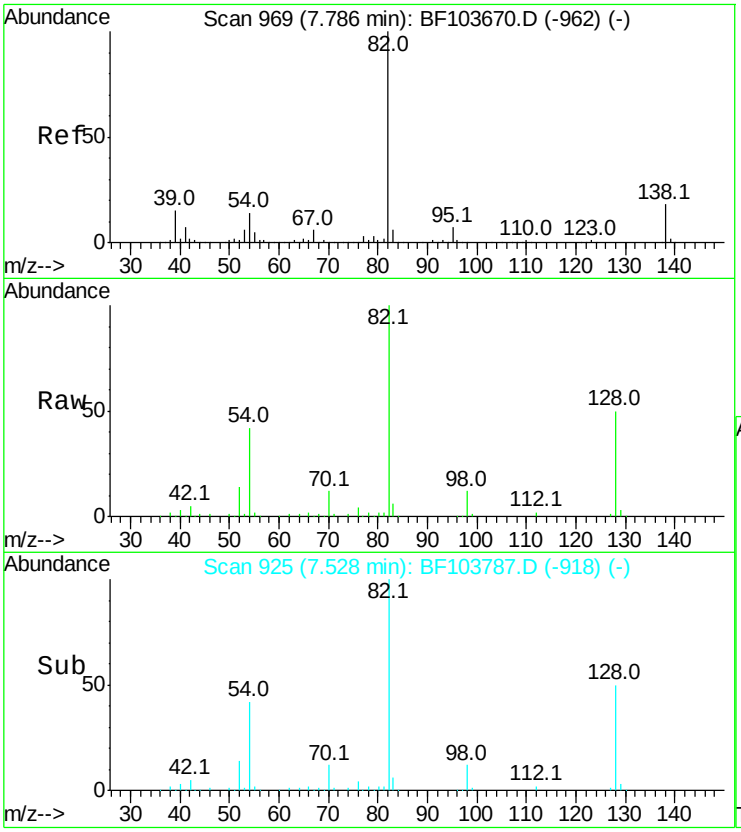


#23
Nitrobenzene-d5
Concen: 17.233 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion: 82 Resp: 145086

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	41.8	41.4	62.2



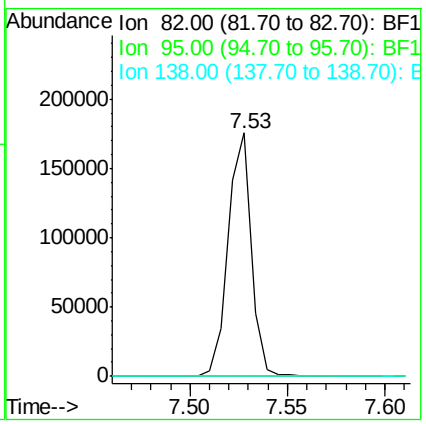


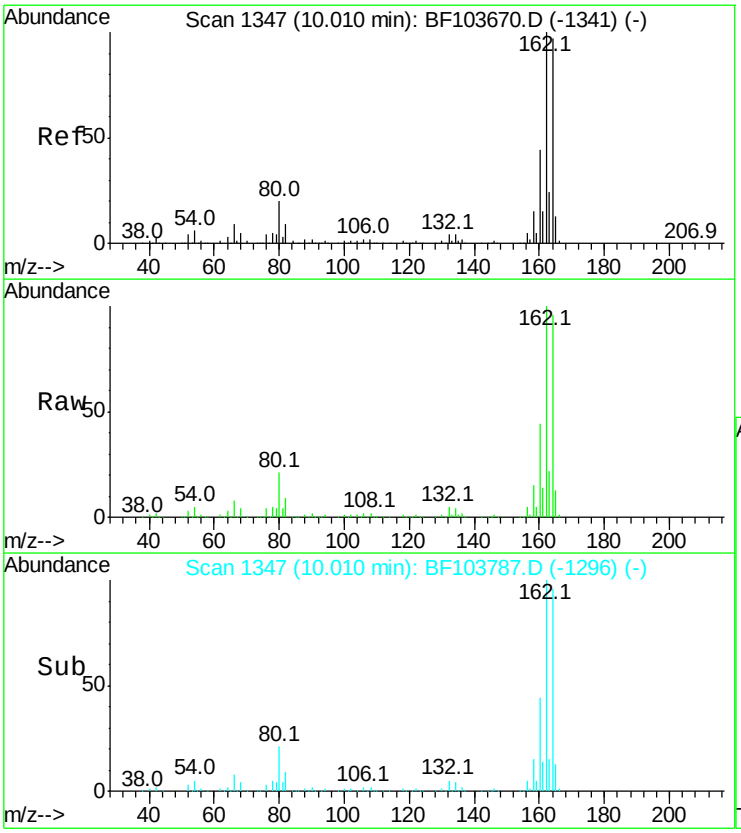
#25
Isophorone
Concen: 7.444 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 145084

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

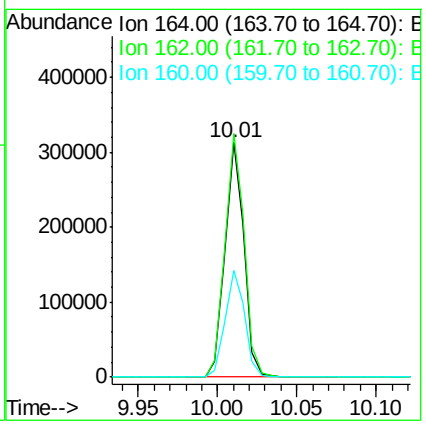


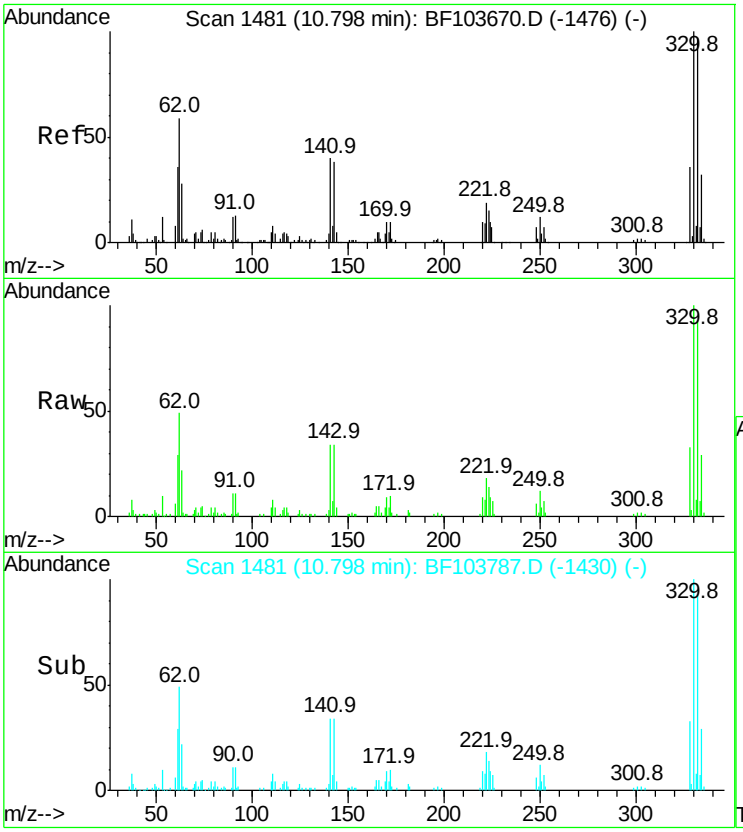


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:164 Resp: 257997

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5



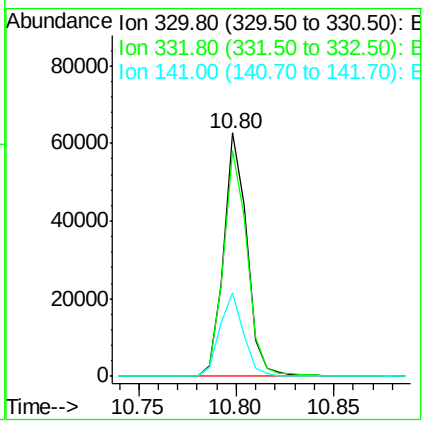


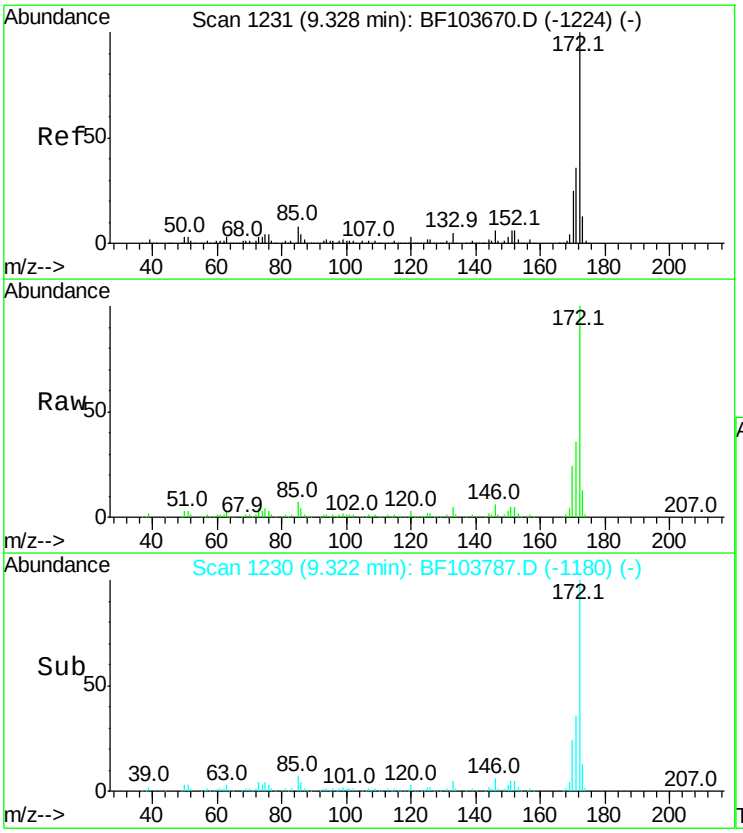
#41
2,4,6-Tribromophenol
Concen: 23.396 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 51899

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.5	29.9	44.9

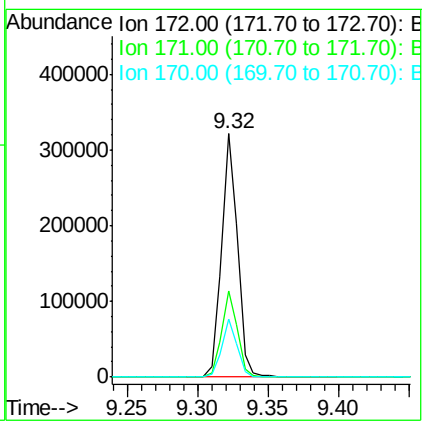


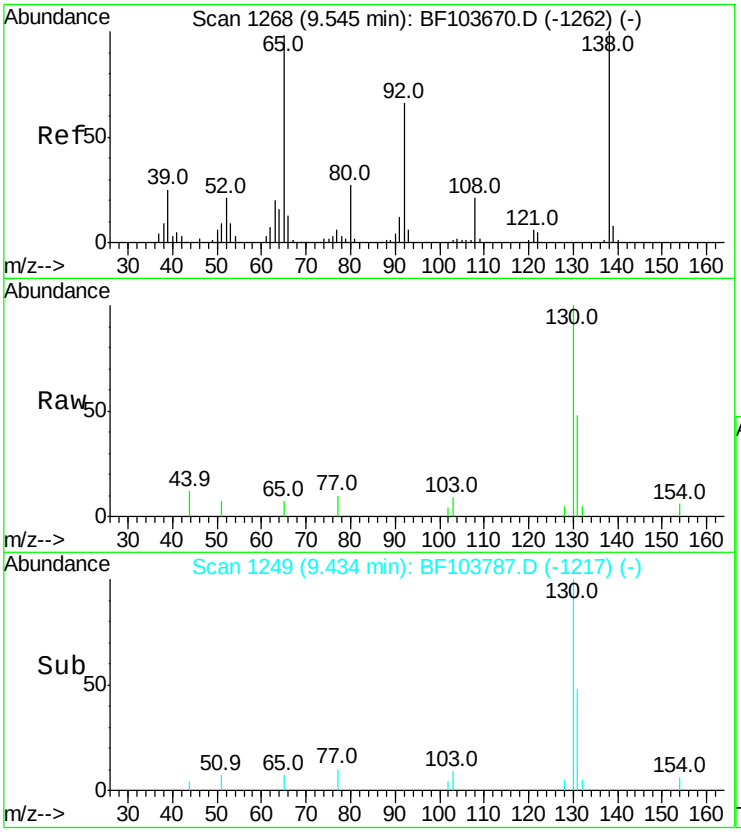


#44
2-Fluorobiphenyl
Concen: 15.588 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:172 Resp: 252111

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4



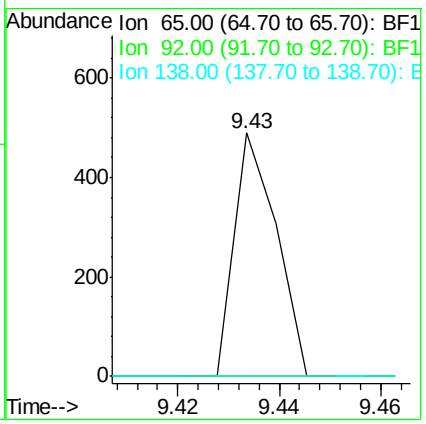


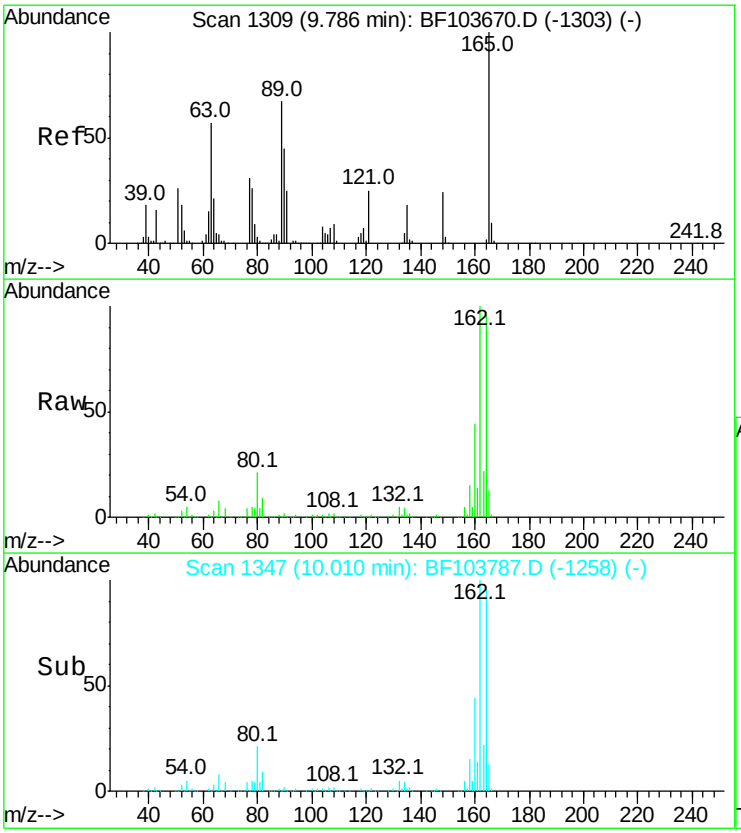
#47
2-Nitroaniline
Concen: 6.868 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.11 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 281

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

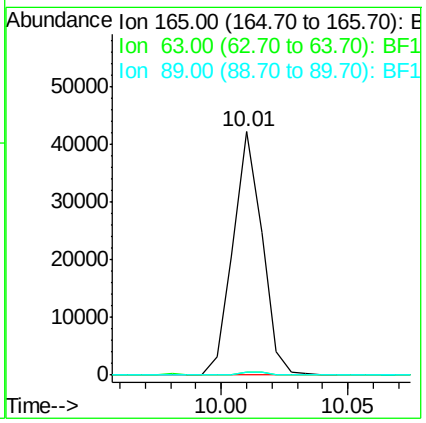


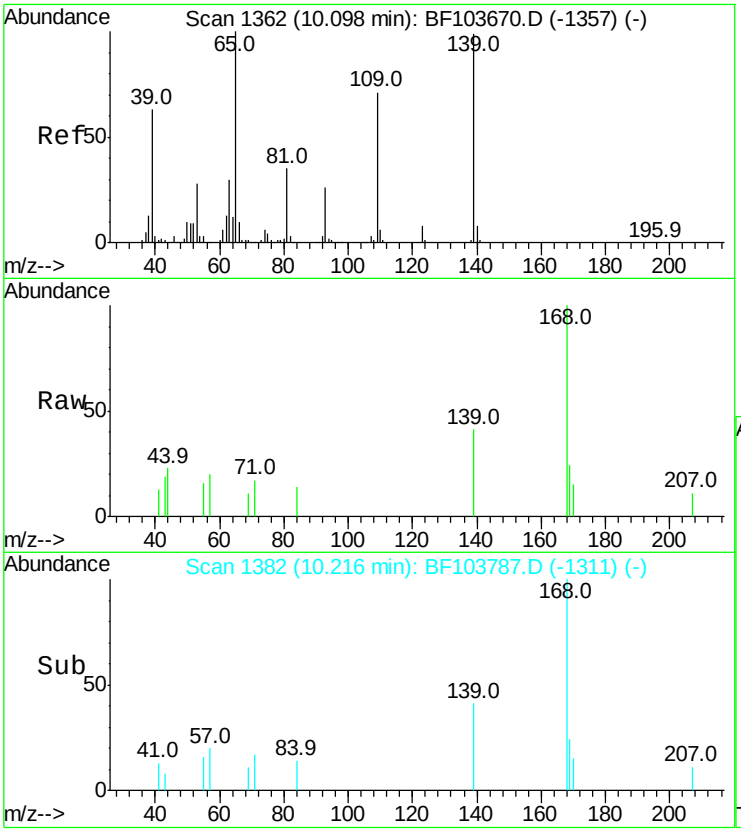


#50
2,6-Dinitrotoluene
Concen: 12.084 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:165 Resp: 33635

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.4	44.0	66.0#



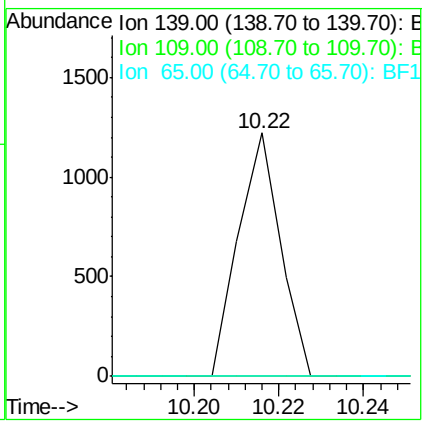


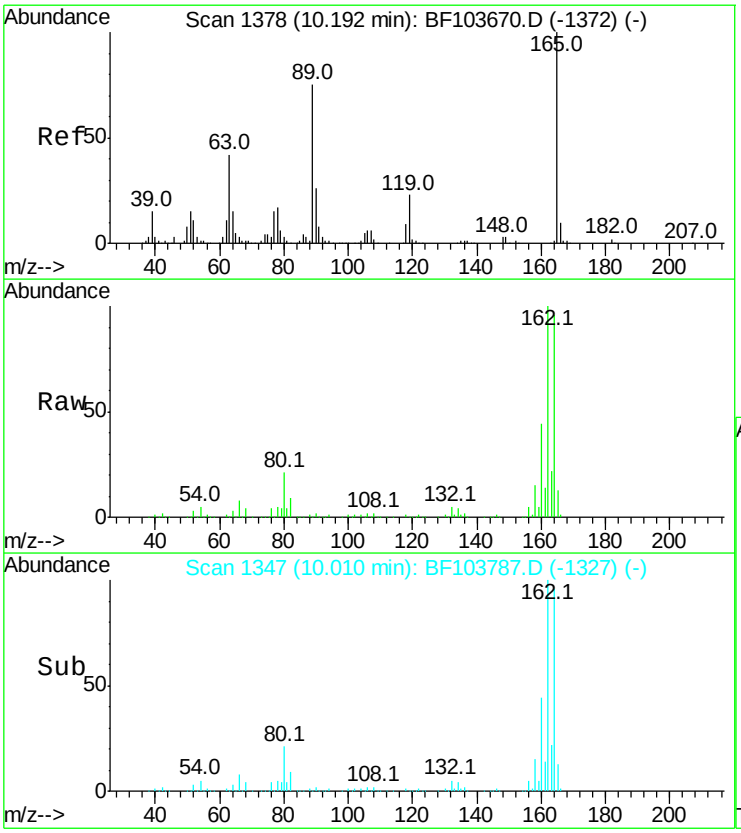
#55
4-Nitrophenol
Concen: 5.190 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 846

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

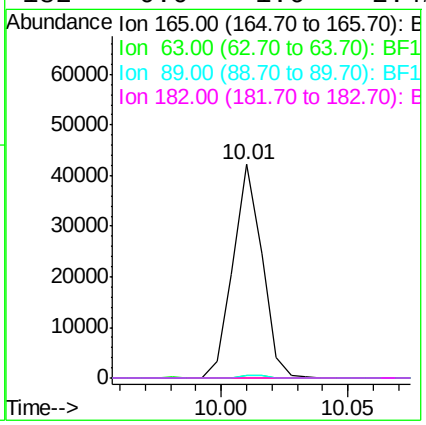


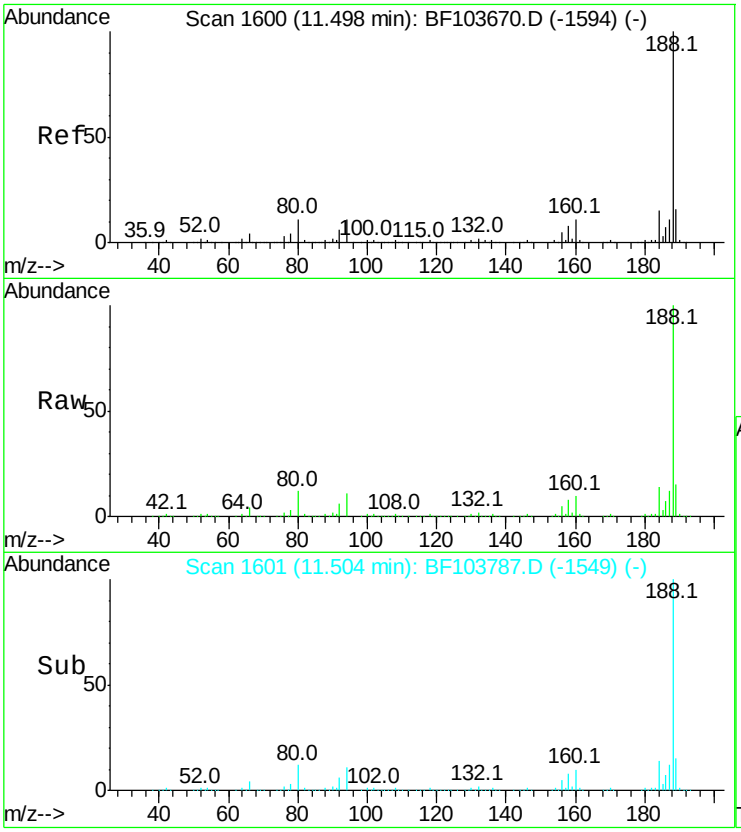


#56
2,4-Dinitrotoluene
Concen: 12.283 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:165 Resp: 33635

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#



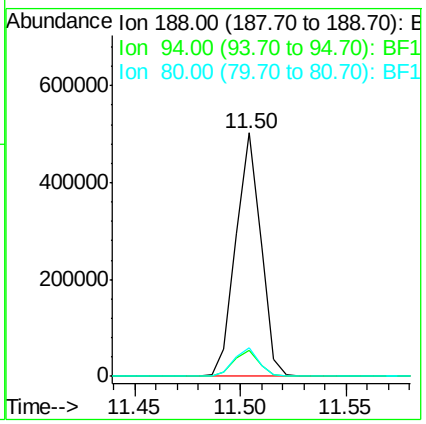


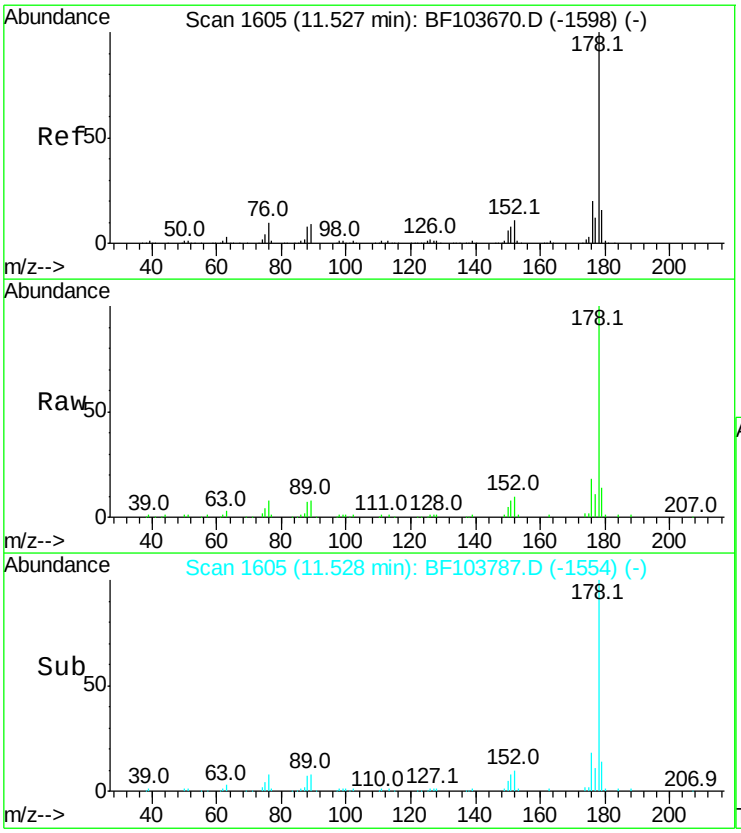
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 410016

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.6	9.2	13.8

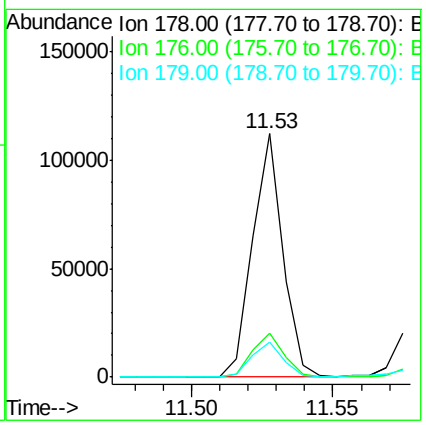


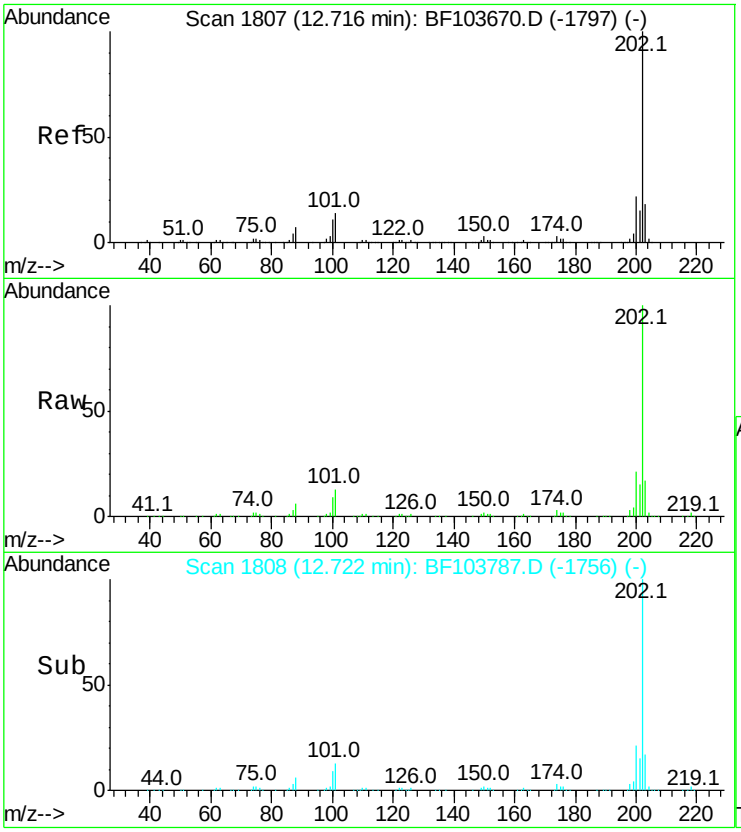


#70
Phenanthrene
Concen: 3.733 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:178 Resp: 83726

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	14.4	13.0	19.6



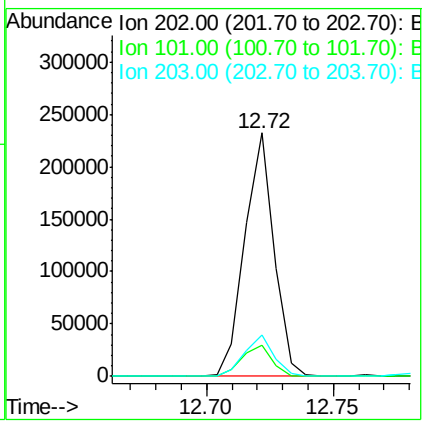


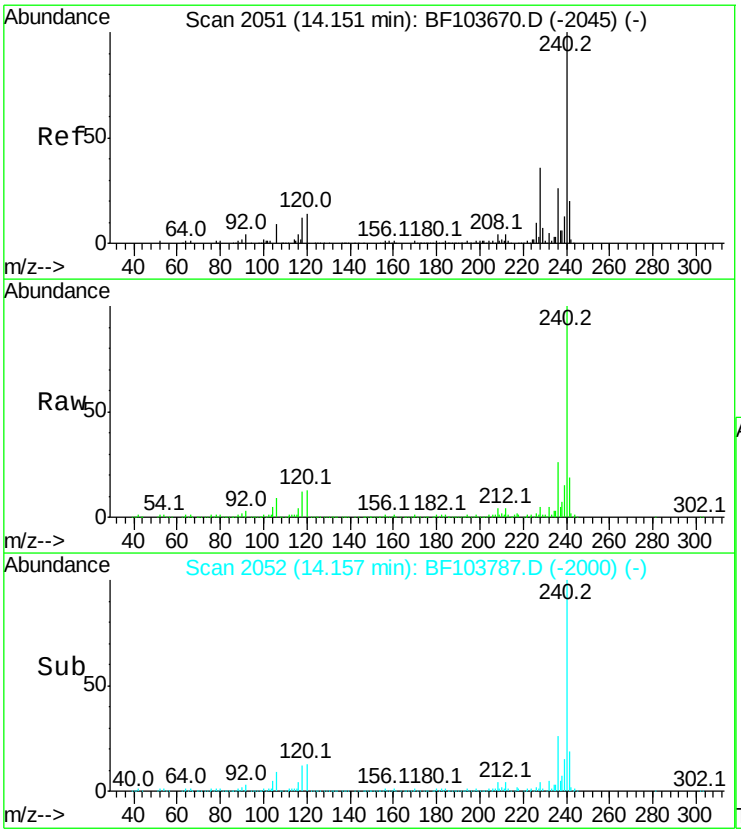
#74
Fluoranthene
Concen: 8.104 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 187267

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.0	0.0	38.1

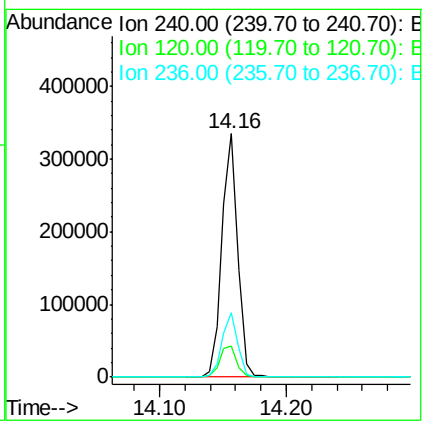


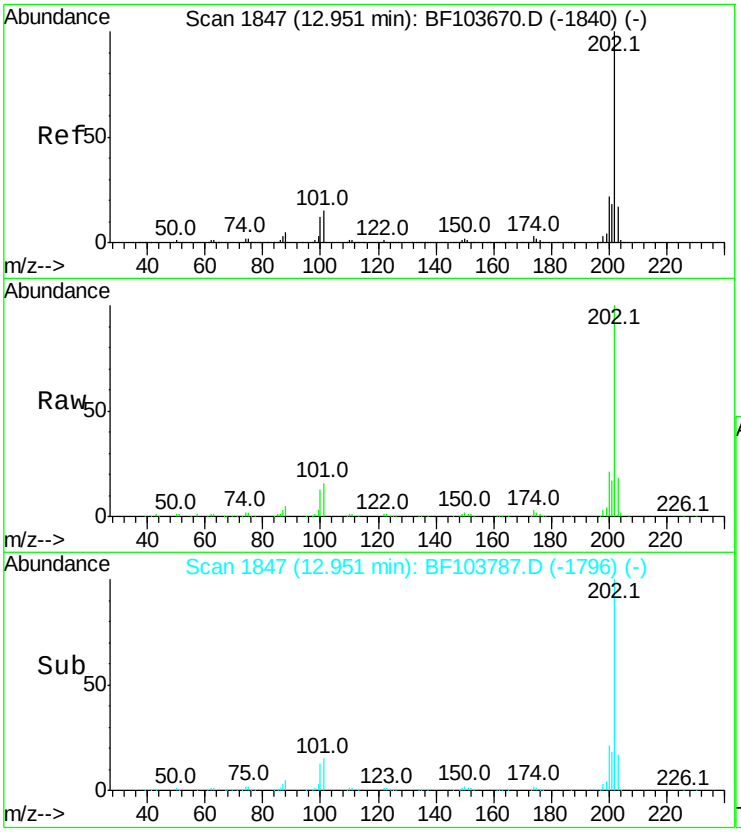


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:240 Resp: 291528

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.3	20.7	31.1



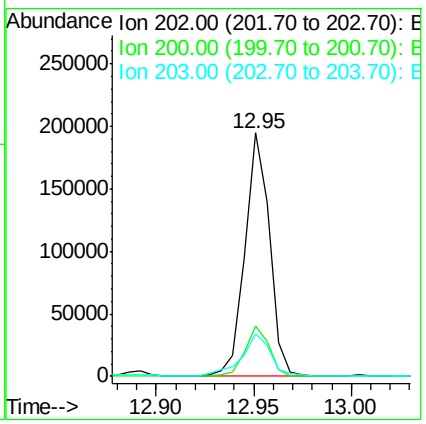


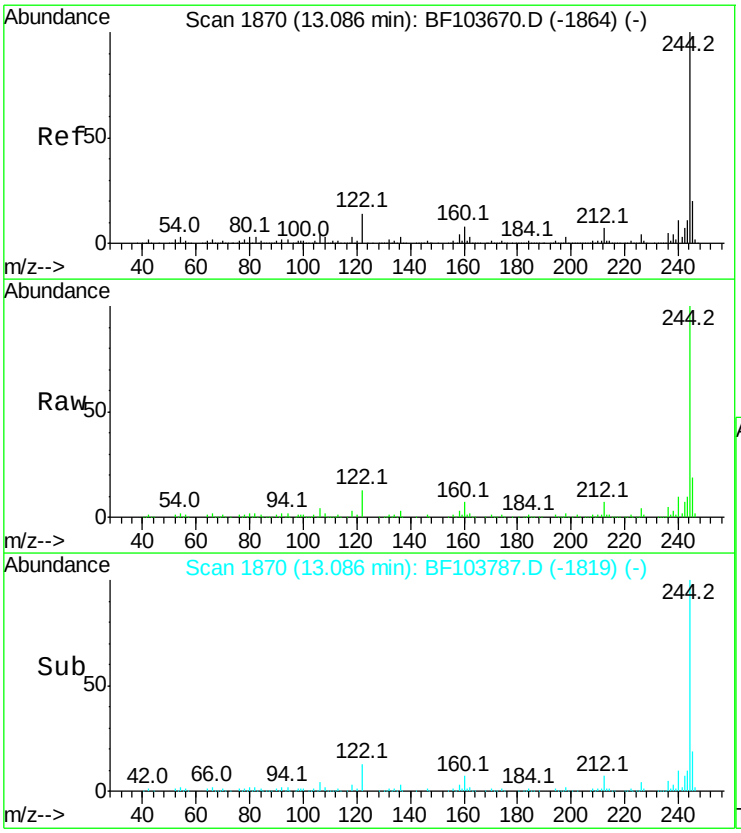
#77
Pyrene
Concen: 7.902 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 169175

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5

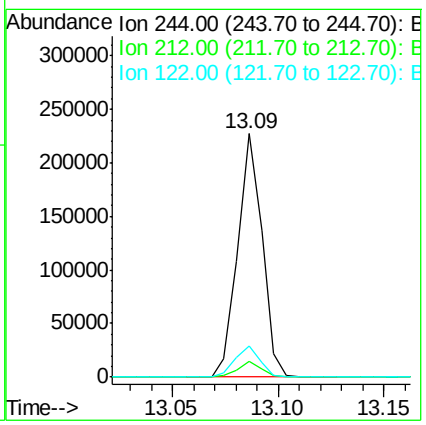


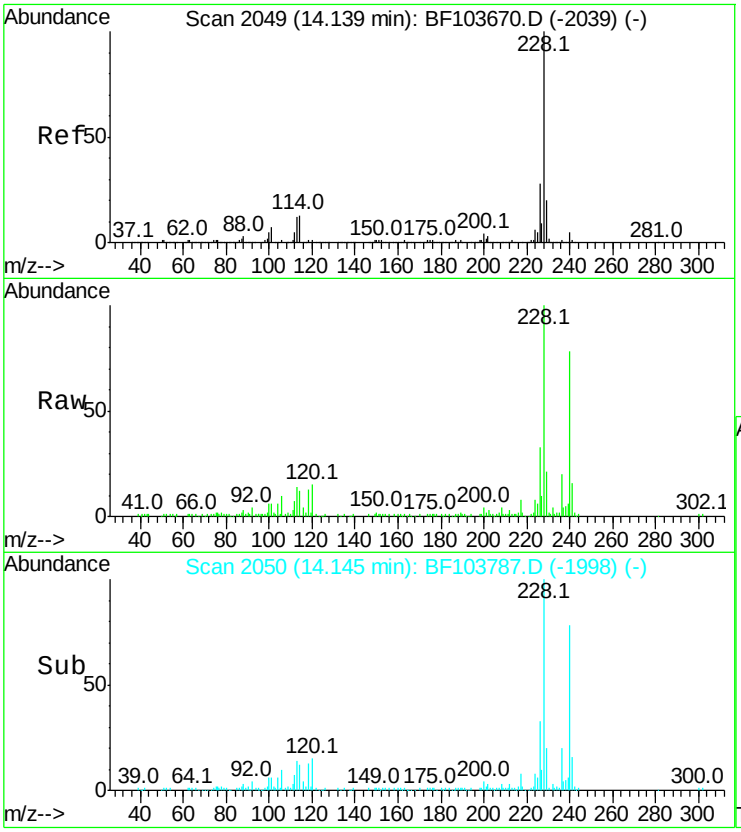


#78
Terphenyl-d14
Concen: 14.460 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:244 Resp: 181608

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.6	11.0	16.4



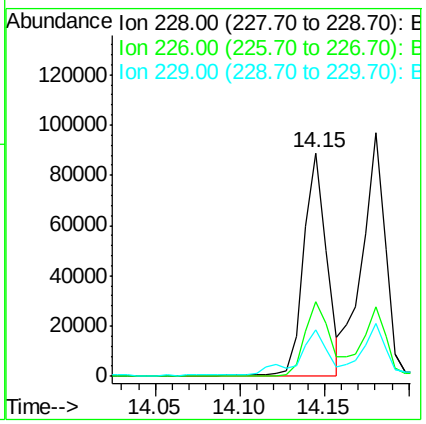


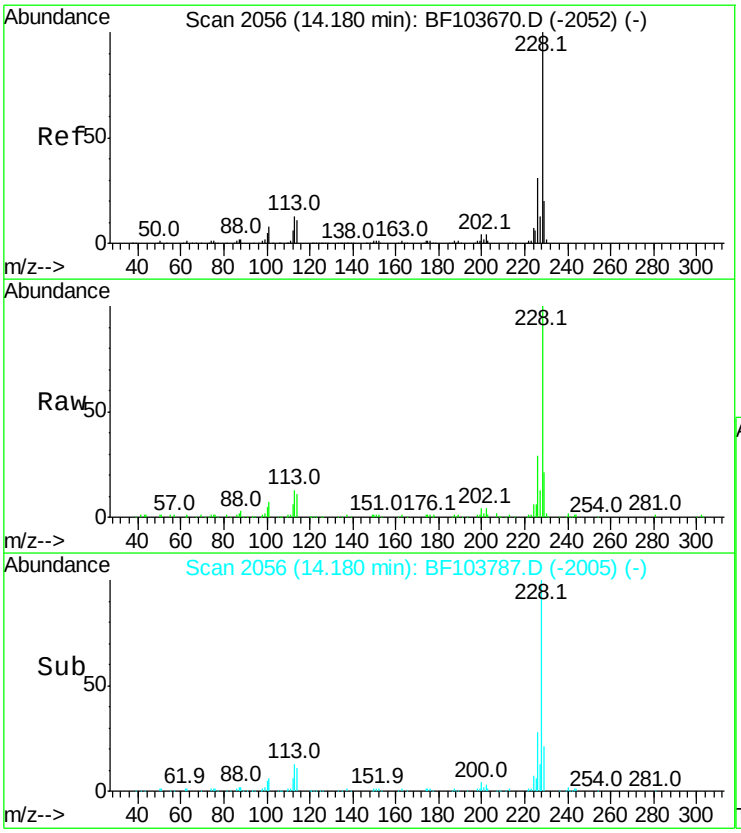
#80
Benzo(a)anthracene
Concen: 4.535 ng
RT: 14.15 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 83686

Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	20.9	15.8	23.6

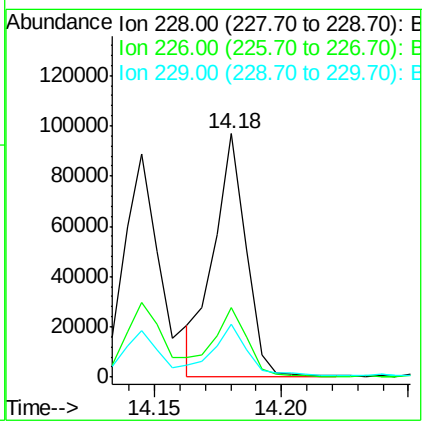


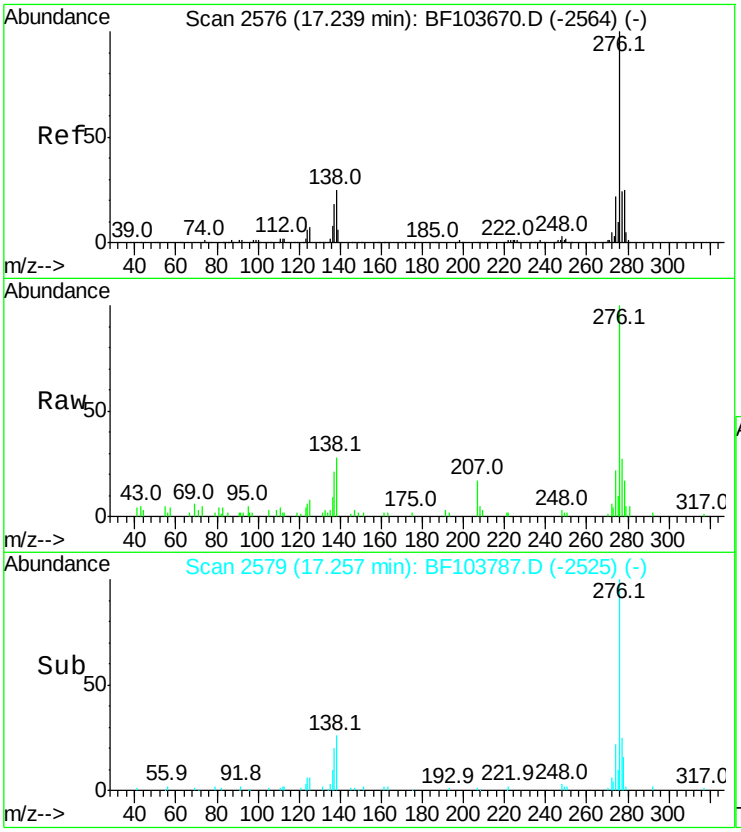


#82
Chrysene
Concen: 4.880 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:228 Resp: 85836

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.5	16.2	24.4



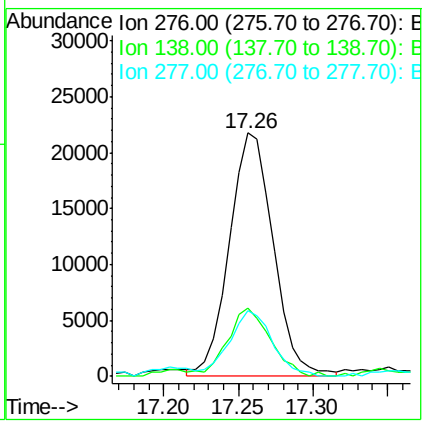


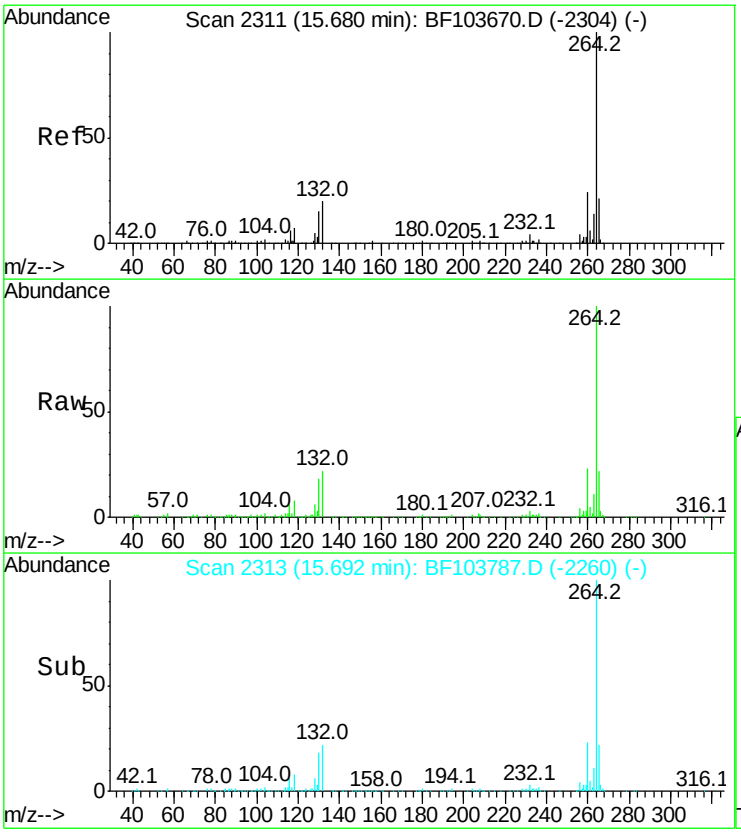
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.913 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.02 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 44748

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	26.5	20.1	30.1

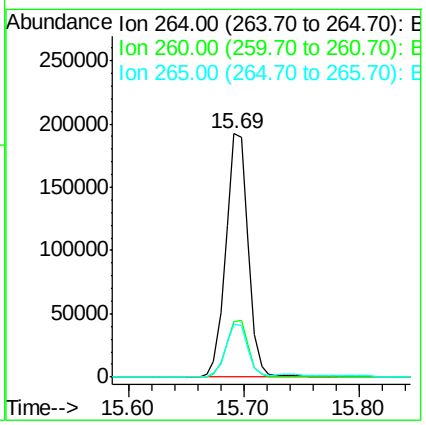


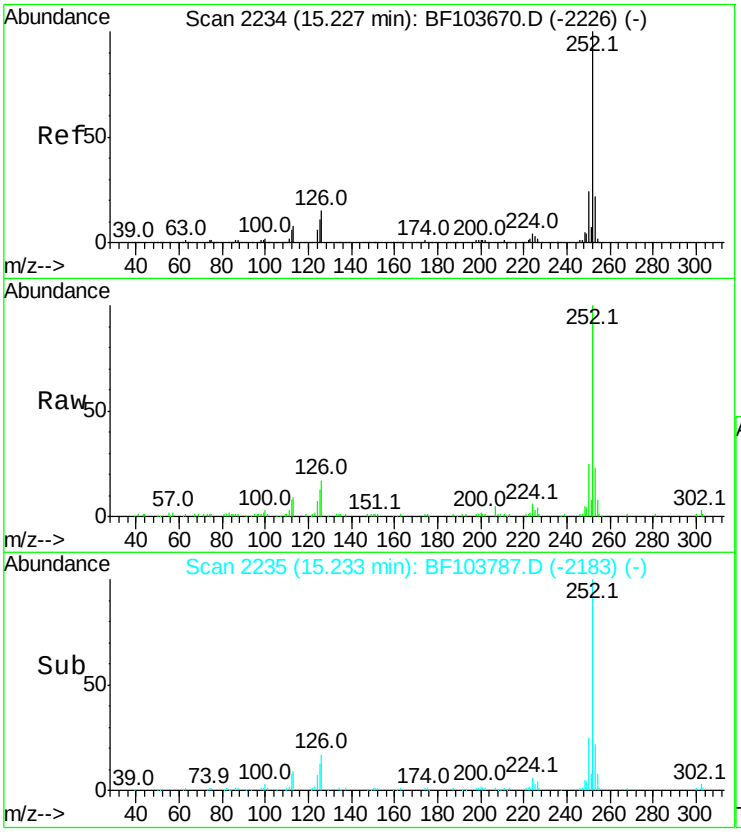


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:264 Resp: 256879

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	17.5	26.3



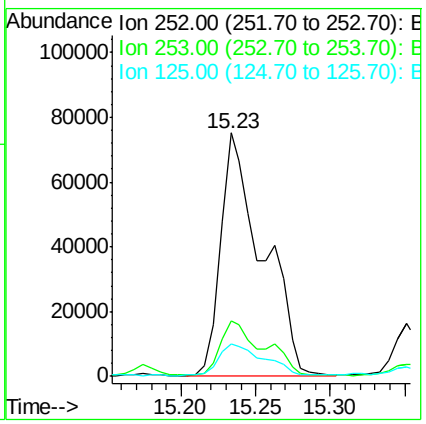


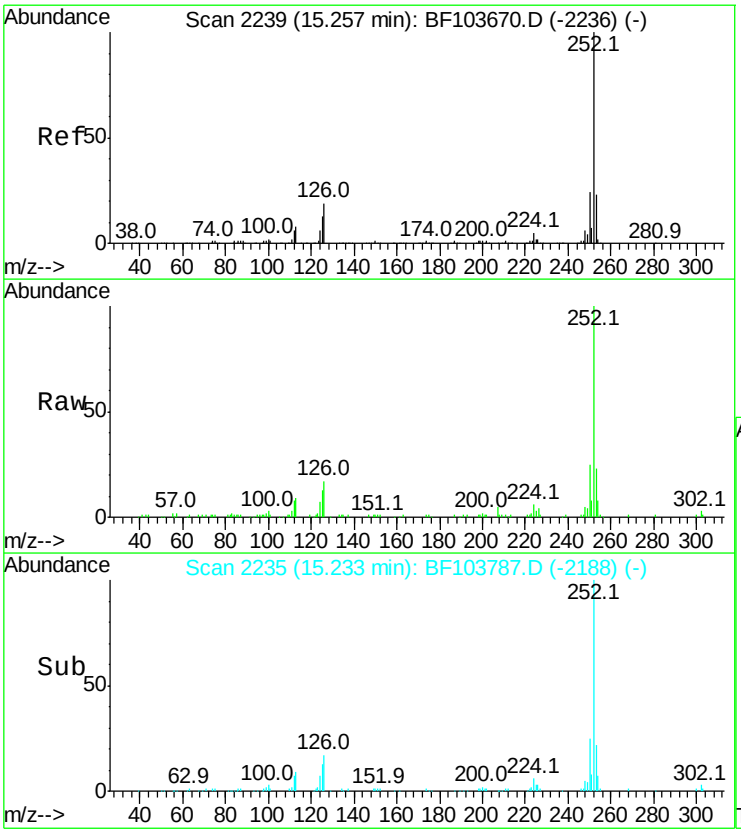
#87
Benzo(b)fluoranthene
Concen: 9.114 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 147906

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.4	9.0	13.6

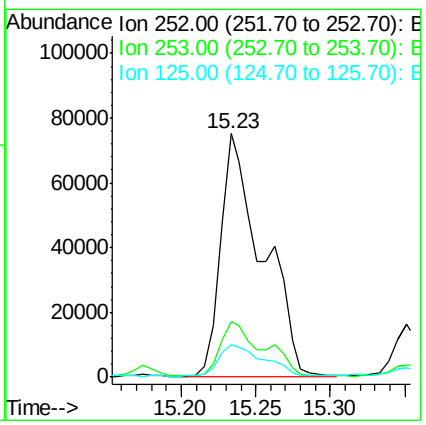


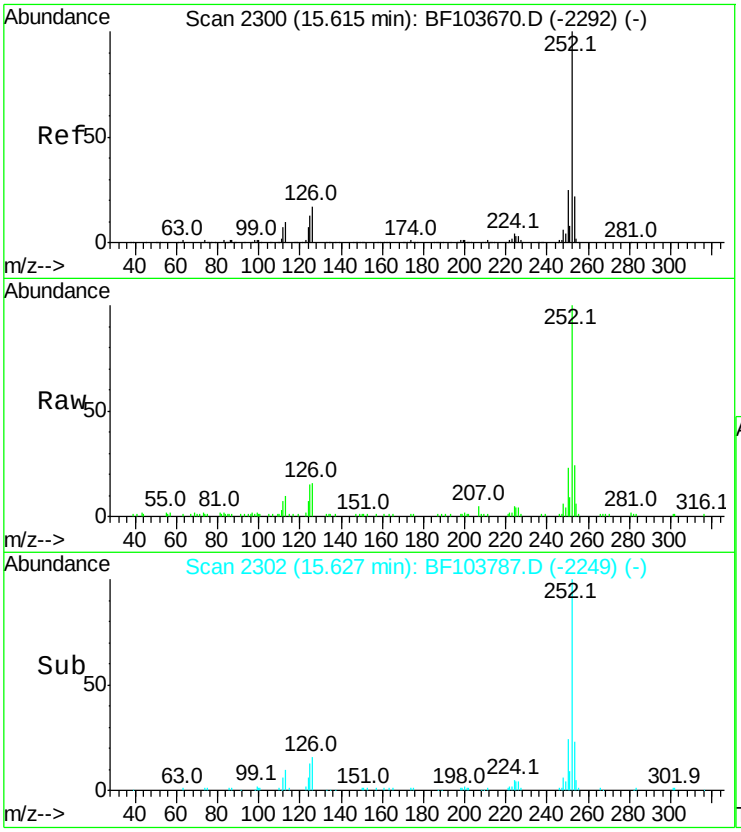


#88
Benzo(k)fluoranthene
Concen: 9.481 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:252 Resp: 147906

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.4	10.2	15.2



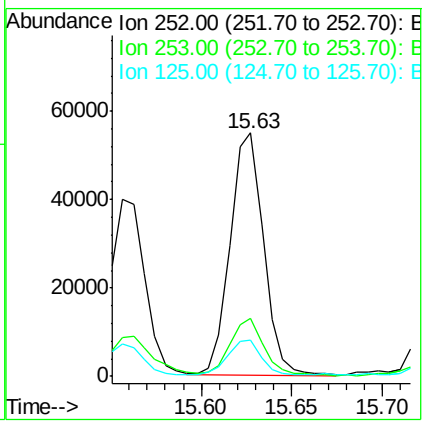


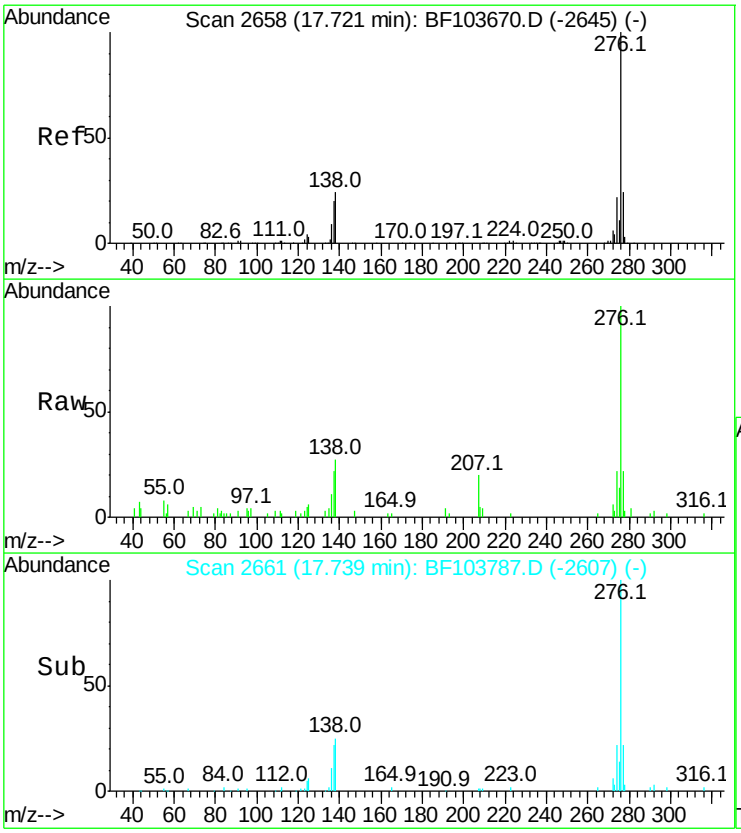
#89
Benzo(a)pyrene
Concen: 4.792 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 70541

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	14.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.292 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.02 min
Lab File: BF103787.D
Acq: 20 Mar 2018 6:23

Tgt Ion:276 Resp: 40819

Ion	Ratio	Lower	Upper
276	100		
277	21.8	17.9	26.9
138	27.3	21.8	32.8