Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103727.D
Acq On : 17 Mar 2018 7:41
Operator : JU/SJ
Sample : J1885-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 19 07:00:33 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	161134	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	629169	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	253717	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	357775	20.00	ng		0.00
75) Chrysene-d12	14.16	240	315487	20.00	ng		0.00
86) Perylene-d12	15.69	264	252577	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1029872	97.21	ng		0.02
7) Phenol-d6	6.59	99	1262565	97.41	ng		0.00
23) Nitrobenzene-d5	7.53	82	753067	83.47	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	200897	92.09	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1085611	68.25	ng		0.00
78) Terphenyl-d14	13.09	244	697903	51.35	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.60	94	34179	2.482	ng		98
19) n-Nitroso-di-n-propylamine	7.53	70	99944	12.032	ng	#	74
25) Isophorone	7.53	82	753058	36.056	ng	#	64
47) 2-Nitroaniline	9.72	65	962	7.002	ng	#	1
49) Dimethylphthalate	9.72	163	100867	5.211	ng		99
50) 2,6-Dinitrotoluene	10.01	165	32887	12.037	ng	#	25
55) 4-Nitrophenol	10.22	139	317	5.054	ng	#	33
56) 2,4-Dinitrotoluene	10.01	165	32887	12.249	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	373	8.429	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	12318	3.353	ng	#	1
74) Fluoranthene	12.72	202	69443	3.444	ng		97
77) Pyrene	12.95	202	67600	2.918	ng		98
80) Benzo(a)anthracene	14.14	228	42527	2.130	ng		96
82) Chrysene	14.18	228	47143	2.476	ng		97
87) Benzo(b)fluoranthene	15.23	252	74544	4.671	ng	#	94
88) Benzo(k)fluoranthene	15.23	252	74544	4.860	ng	#	97
89) Benzo(a)pyrene	15.62	252	32891	2.273	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
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Acq On : 17 Mar 2018 7:41
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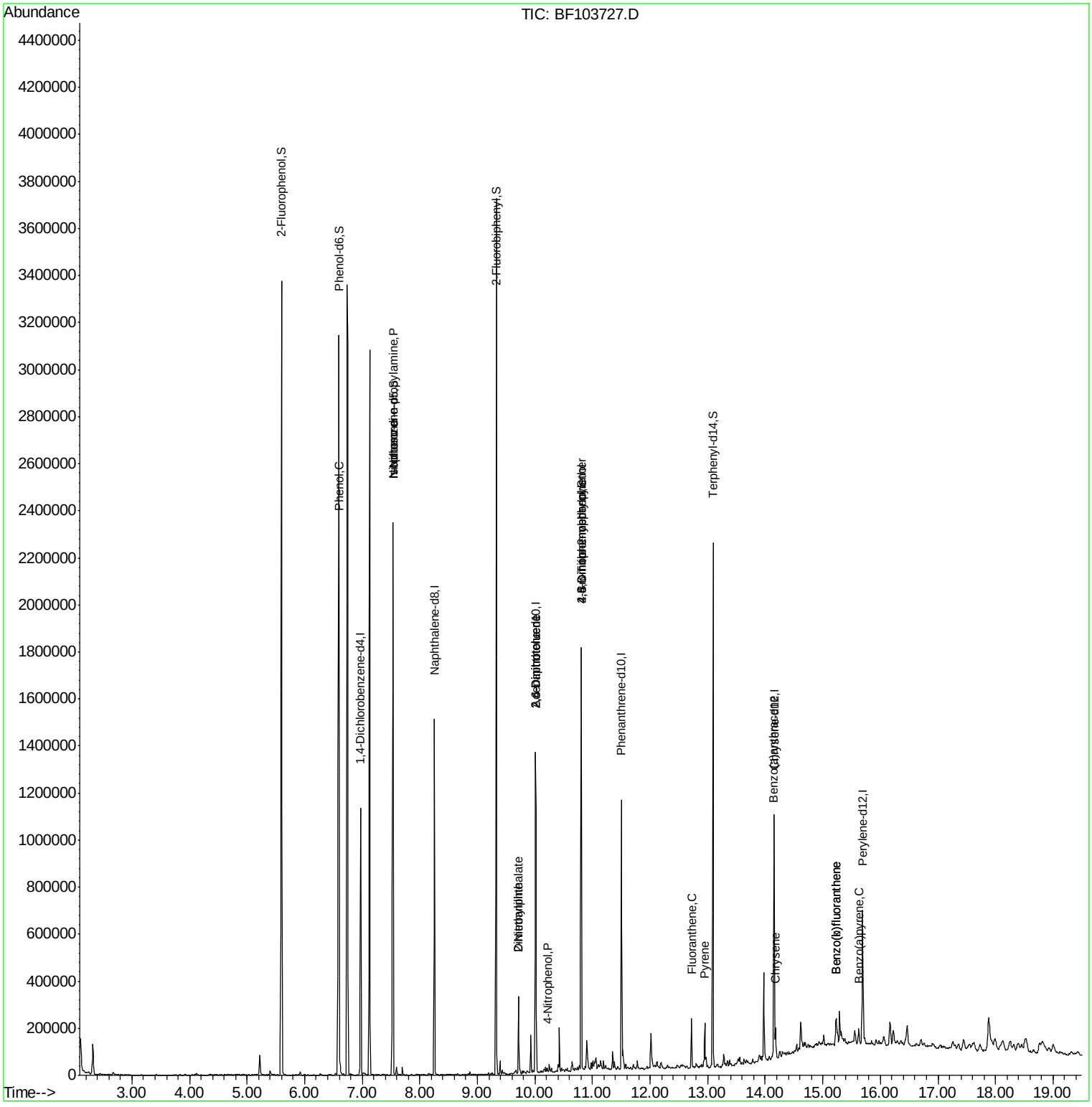
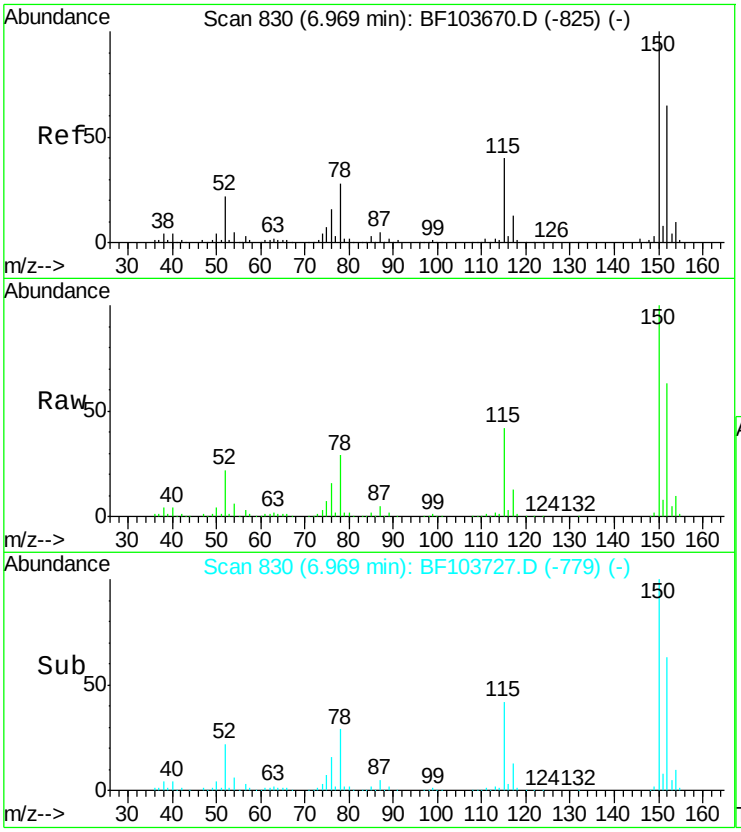


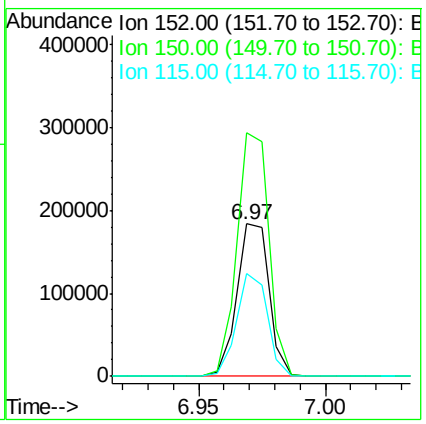


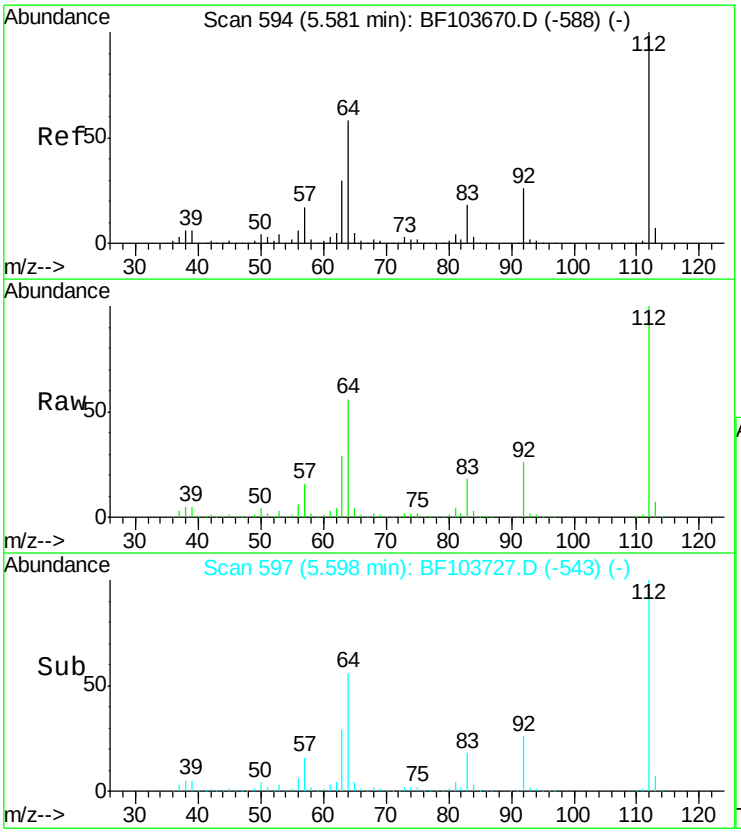
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 161134

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	67.6	50.1	75.1

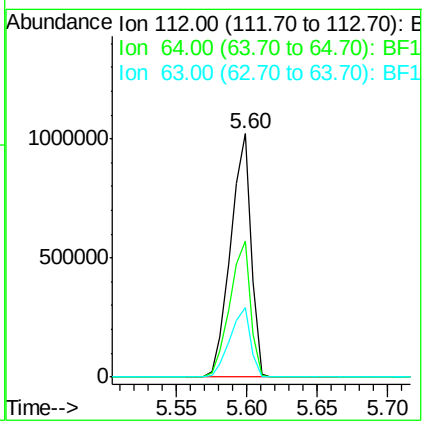


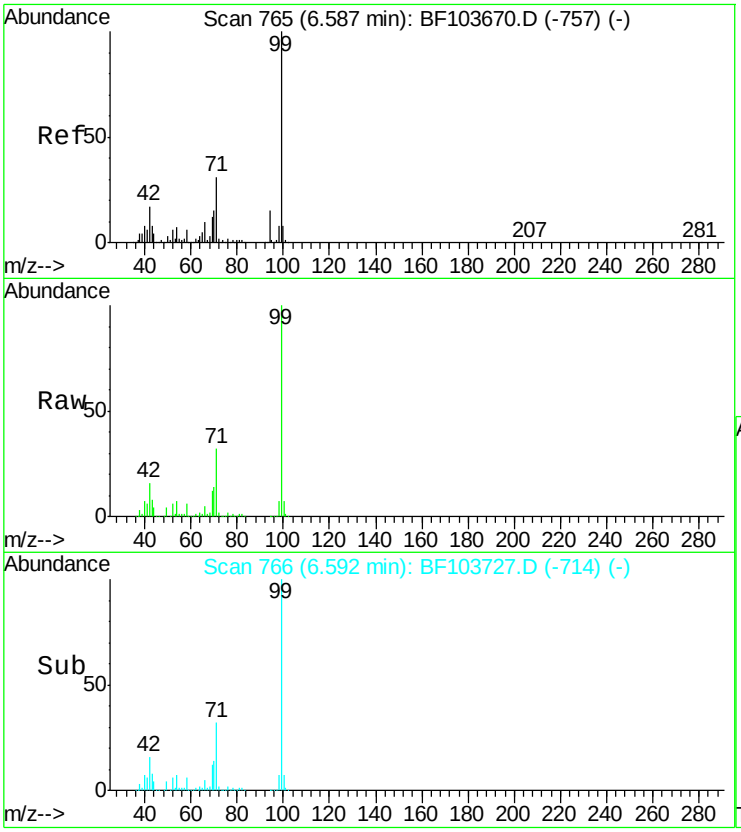


#5
2-Fluorophenol
Concen: 97.213 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:112 Resp: 1029872

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.6	23.7	35.5



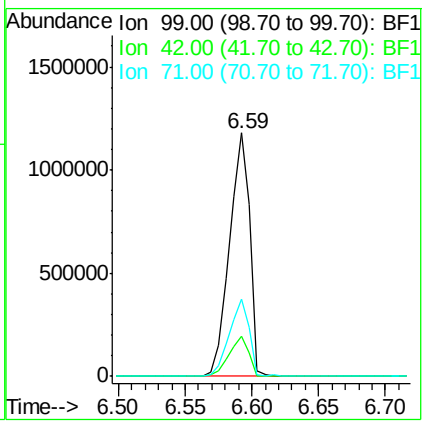


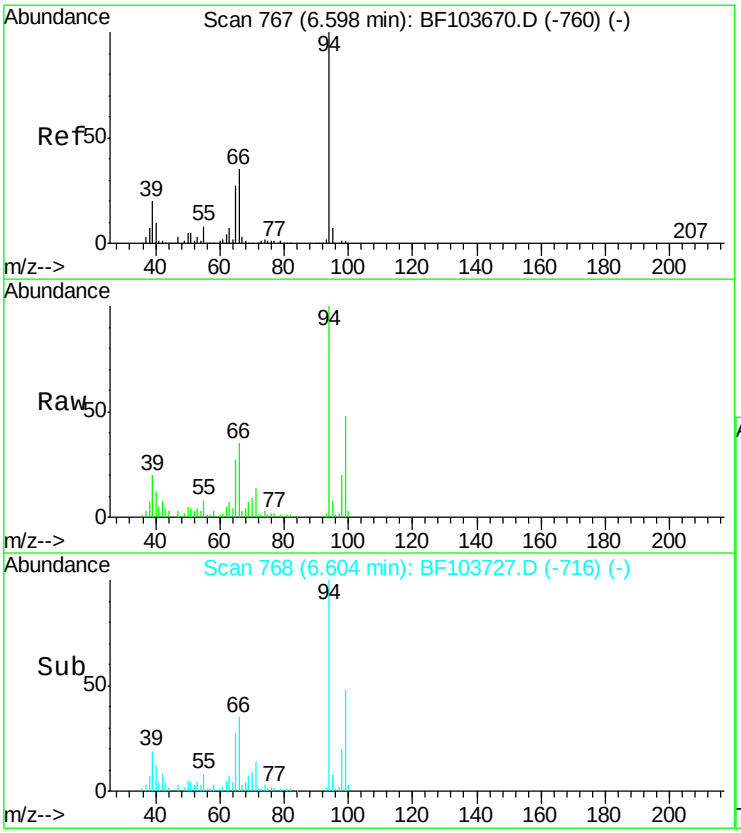
#7
Phenol-d6
Concen: 97.413 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1262565

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	31.9	25.4	38.0

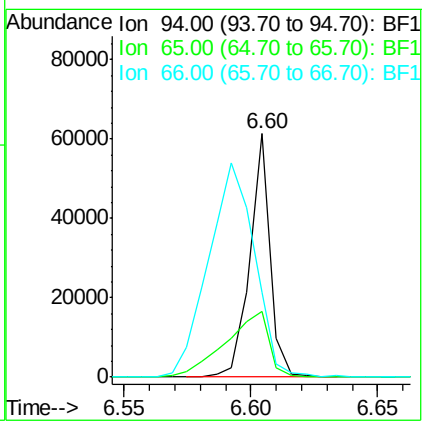


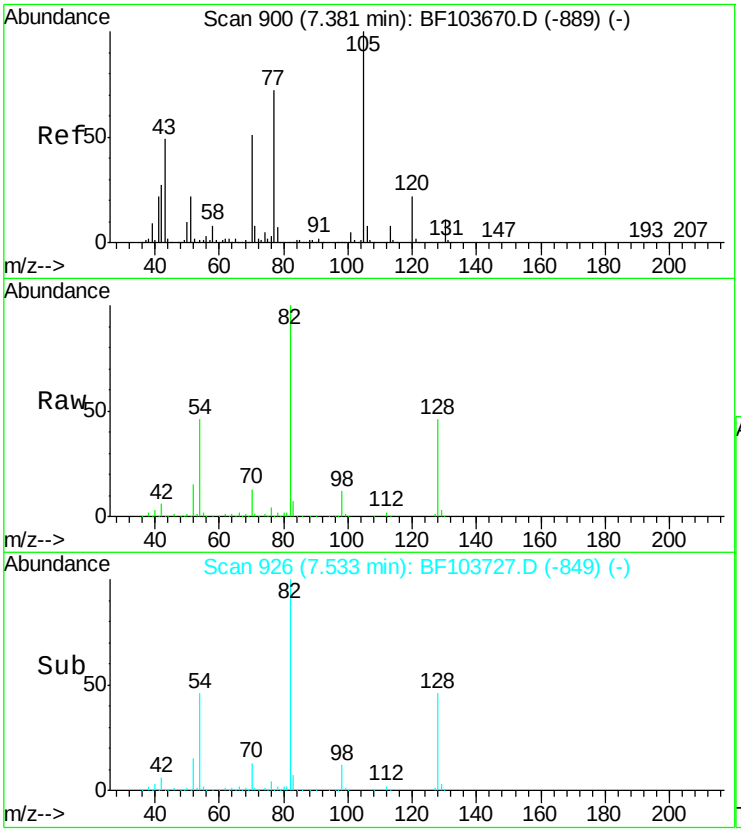


#10
Phenol
Concen: 2.482 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion: 94 Resp: 34179

Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	34.8	16.2	56.2



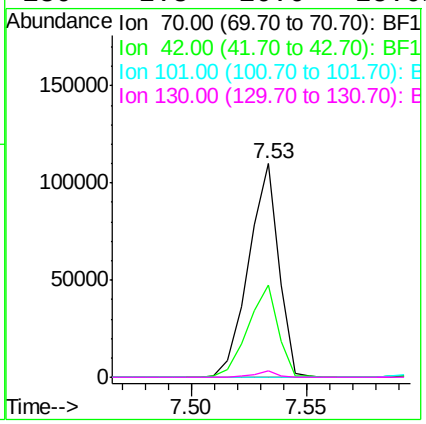


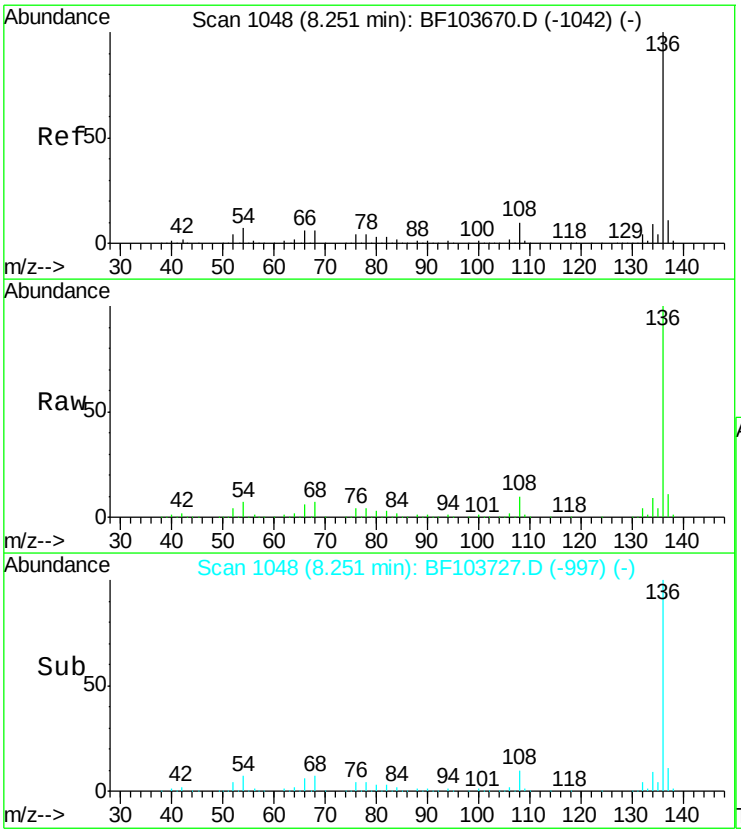
#19
n-Nitroso-di-n-propylamine
Concen: 12.032 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 99944

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

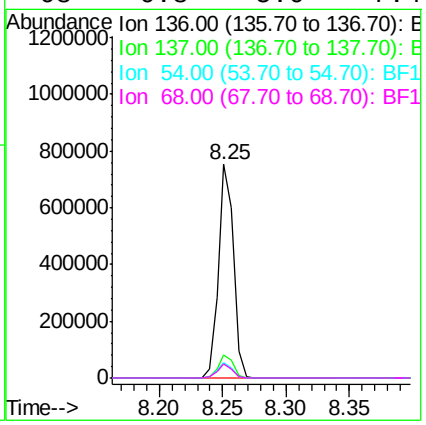


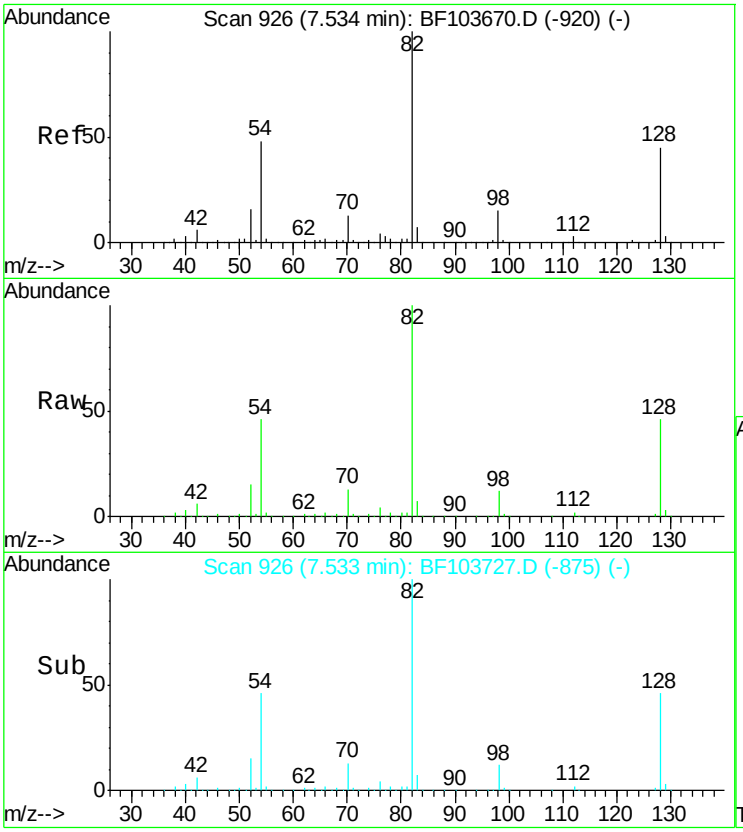


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:136 Resp: 629169

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.8	5.0	7.4



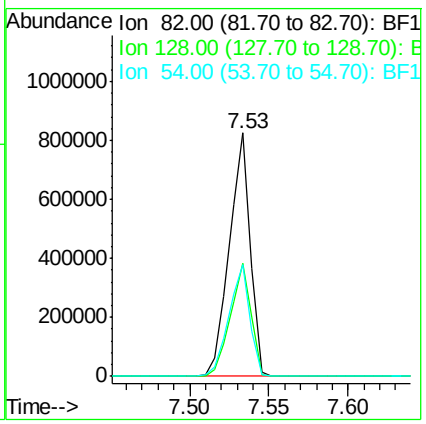


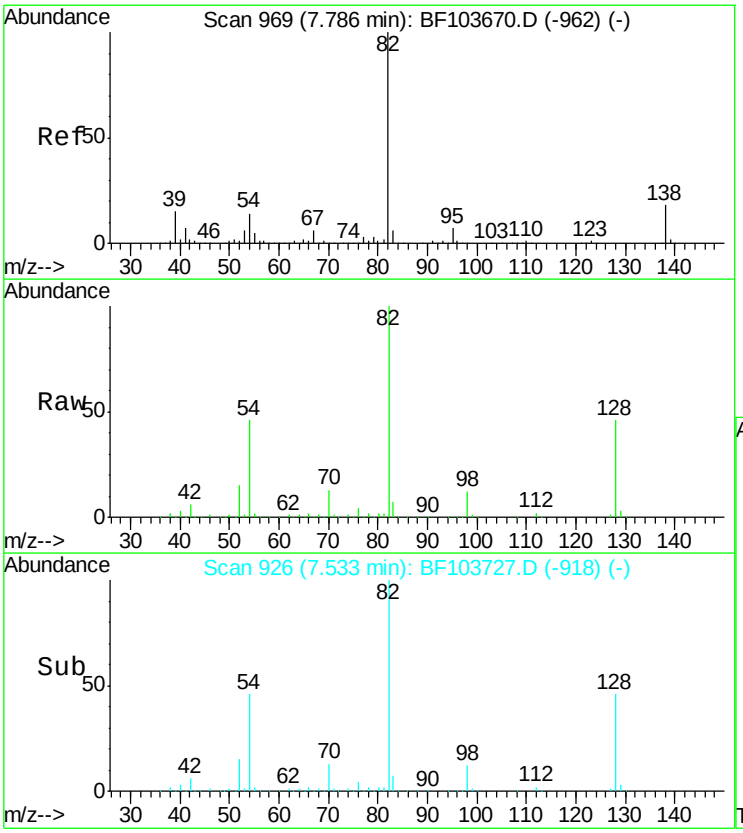
#23
Nitrobenzene-d5
Concen: 83.469 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 753067

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	46.0	41.4	62.2

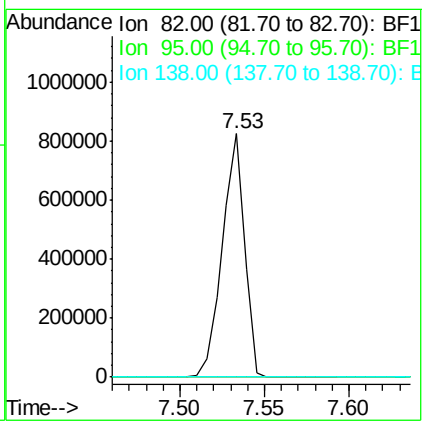


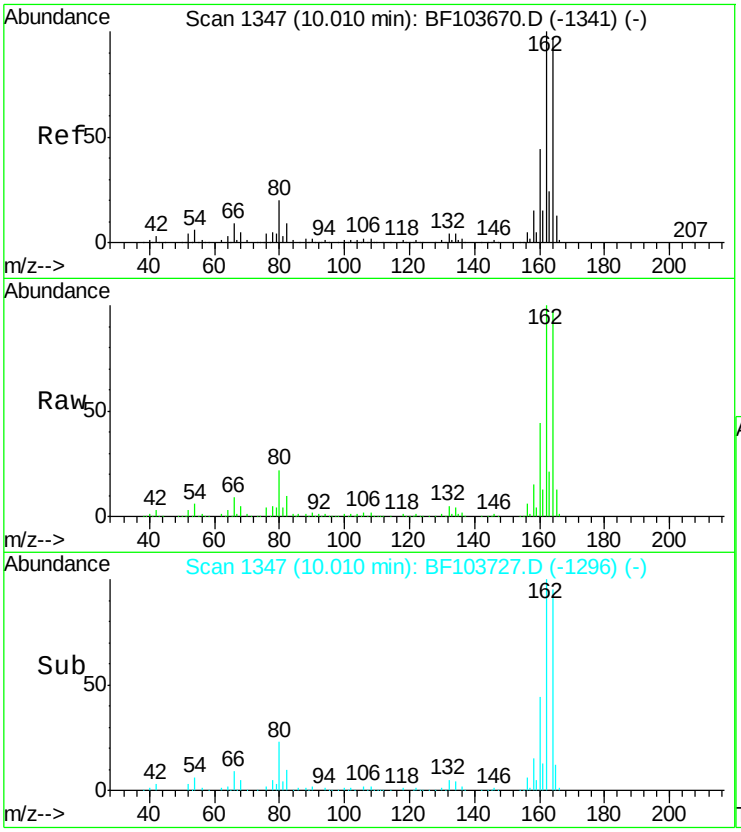


#25
Isophorone
Concen: 36.056 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion: 82 Resp: 753058

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



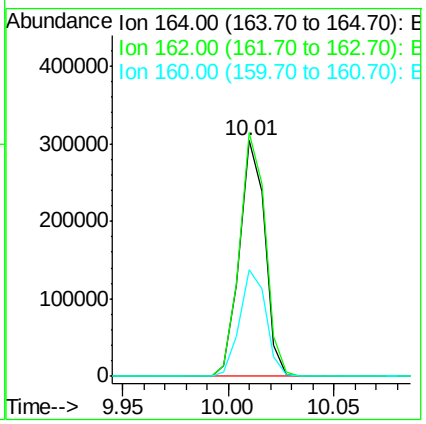


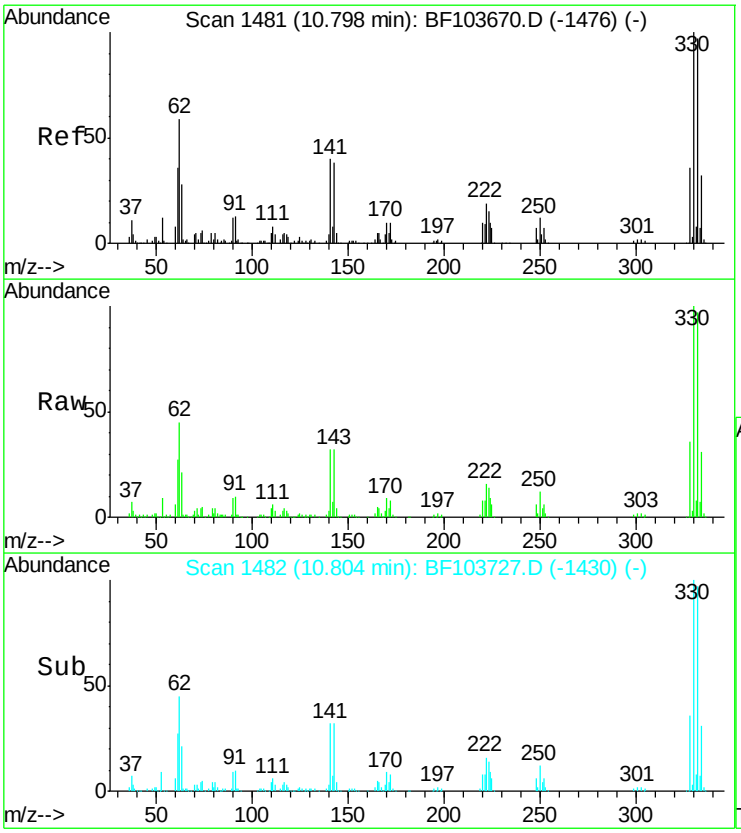
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 253717

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.1	38.3	57.5

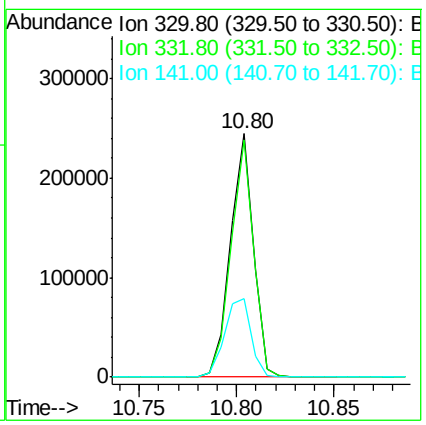


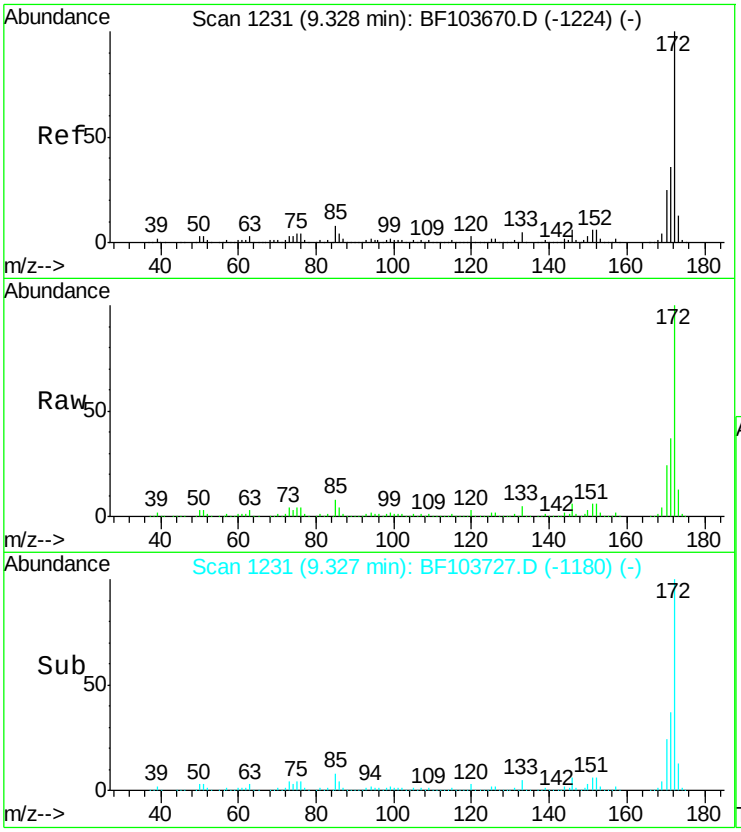


#41
2,4,6-Tribromophenol
Concen: 92.092 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:330 Resp: 200897

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.1	29.9	44.9



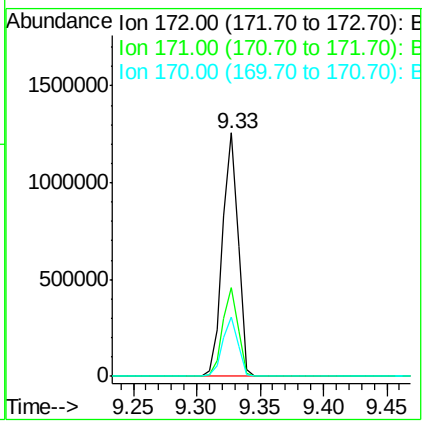


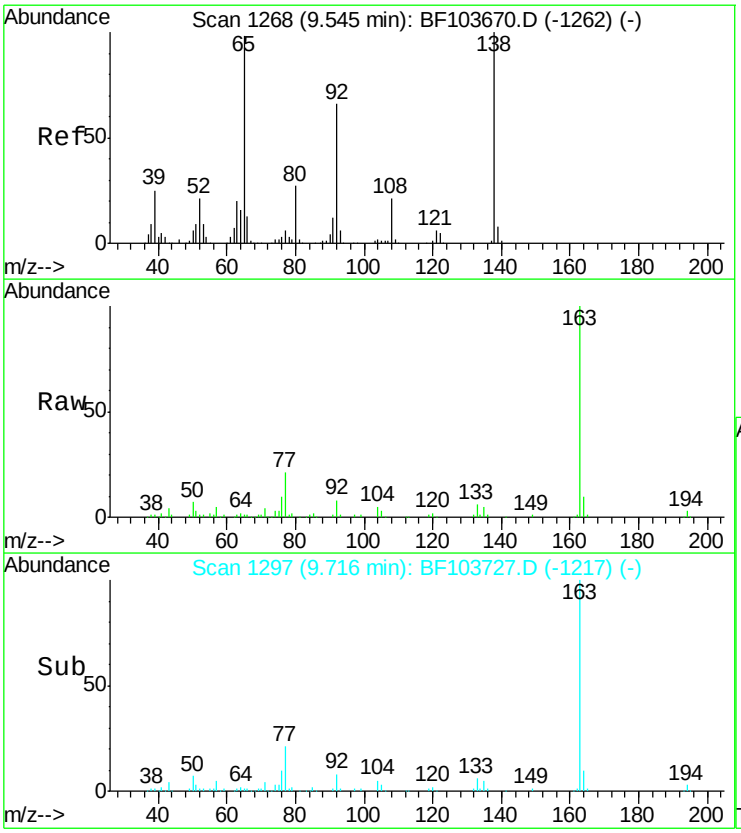
#44
2-Fluorobiphenyl
Concen: 68.254 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1085611

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

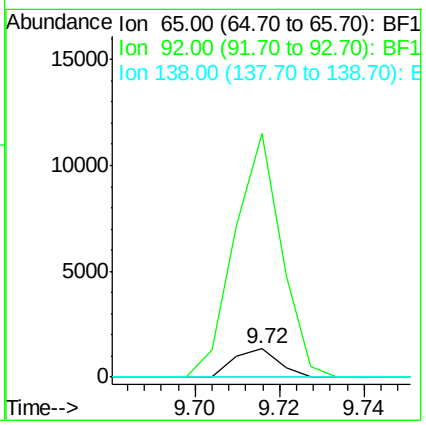


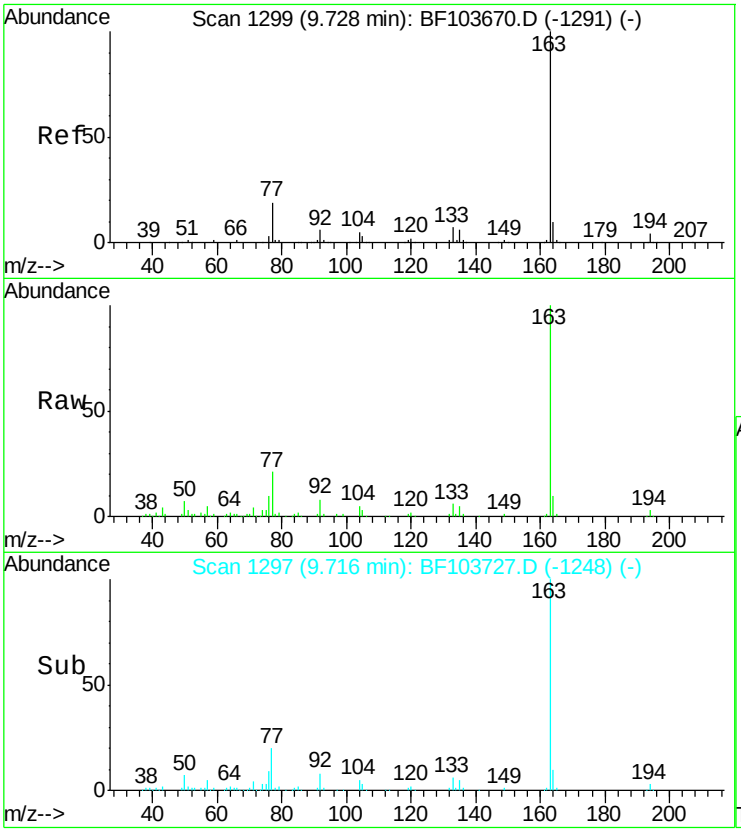


#47
2-Nitroaniline
Concen: 7.002 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion: 65 Resp: 962

Ion	Ratio	Lower	Upper
65	100		
92	866.5	55.8	83.6#
138	0.0	91.2	136.8#



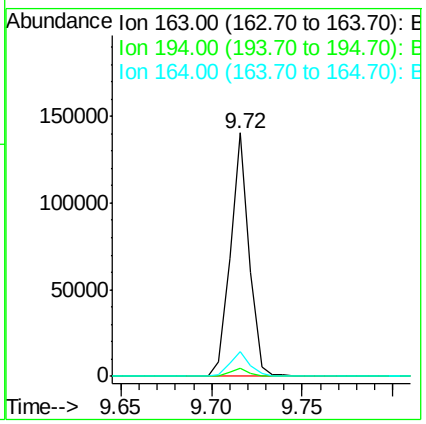


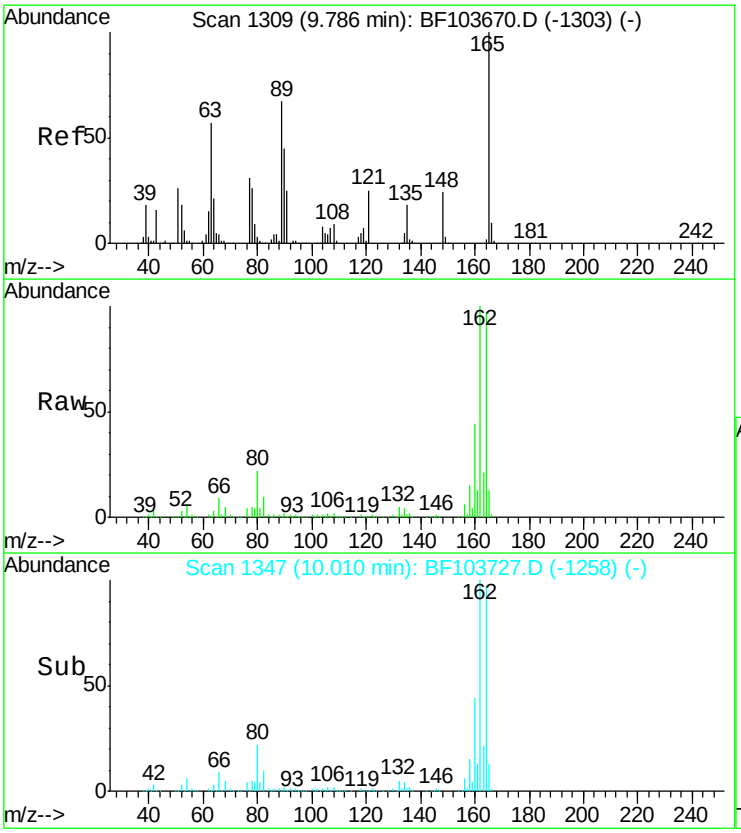
#49
Dimethylphthalate
Concen: 5.211 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 100867

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2

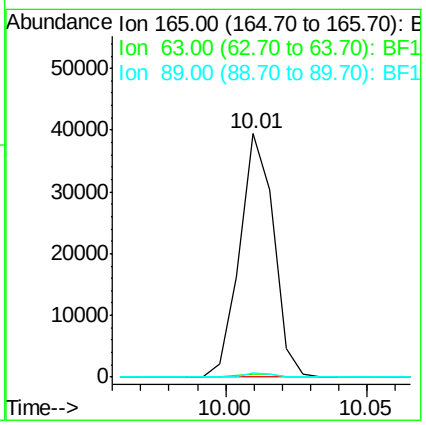


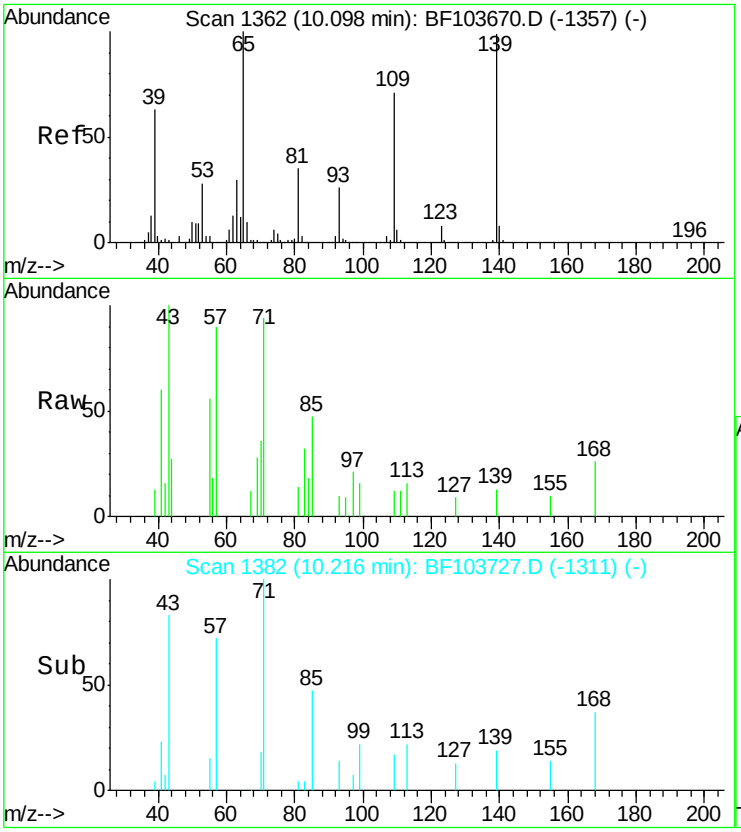


#50
2,6-Dinitrotoluene
Concen: 12.037 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:165 Resp: 32887

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.6	44.0	66.0#



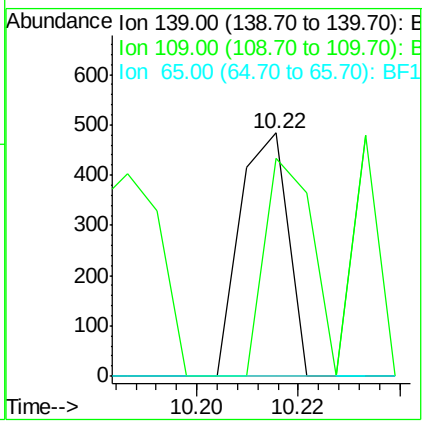


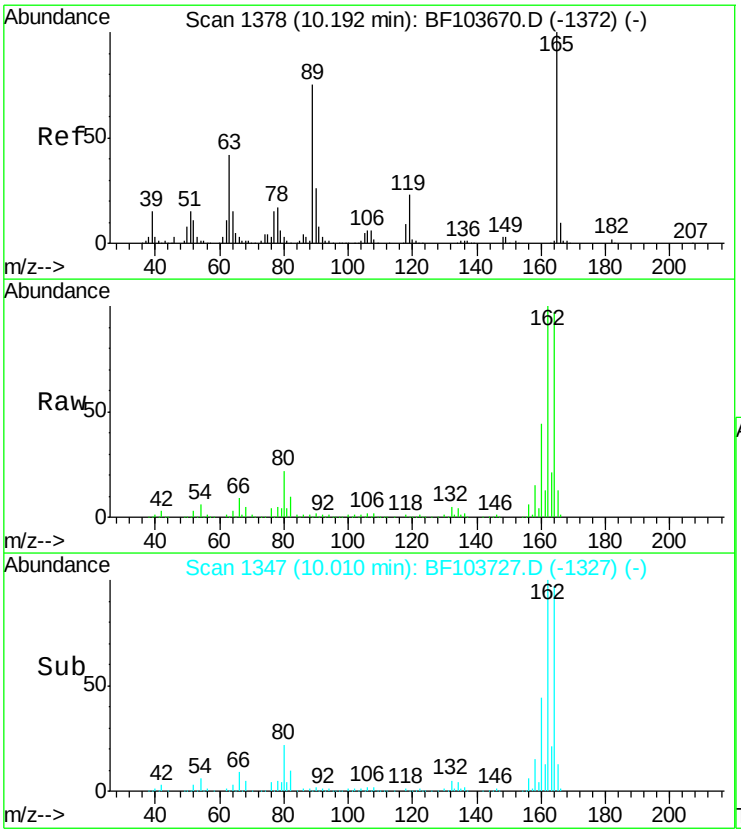
#55
4-Nitrophenol
Concen: 5.054 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 317

Ion	Ratio	Lower	Upper
139	100		
109	89.5	48.4	88.4#
65	0.0	72.6	112.6#

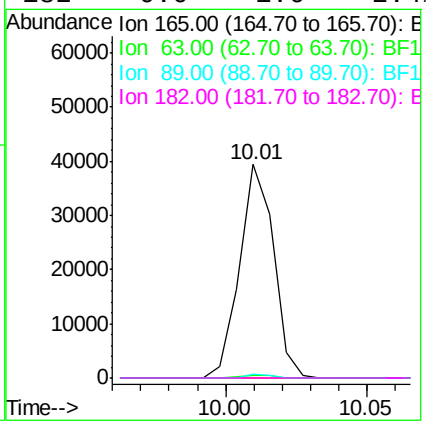


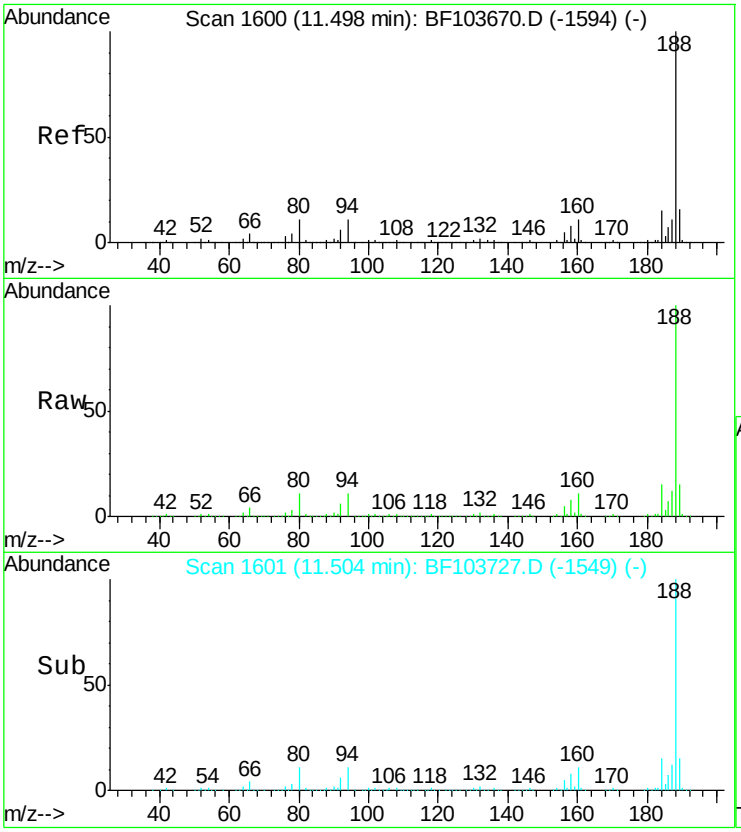


#56
2,4-Dinitrotoluene
Concen: 12.249 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:165 Resp: 32887

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



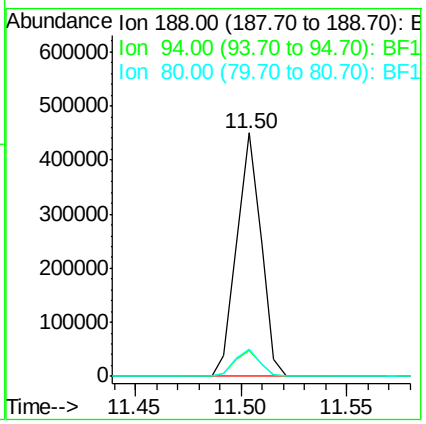


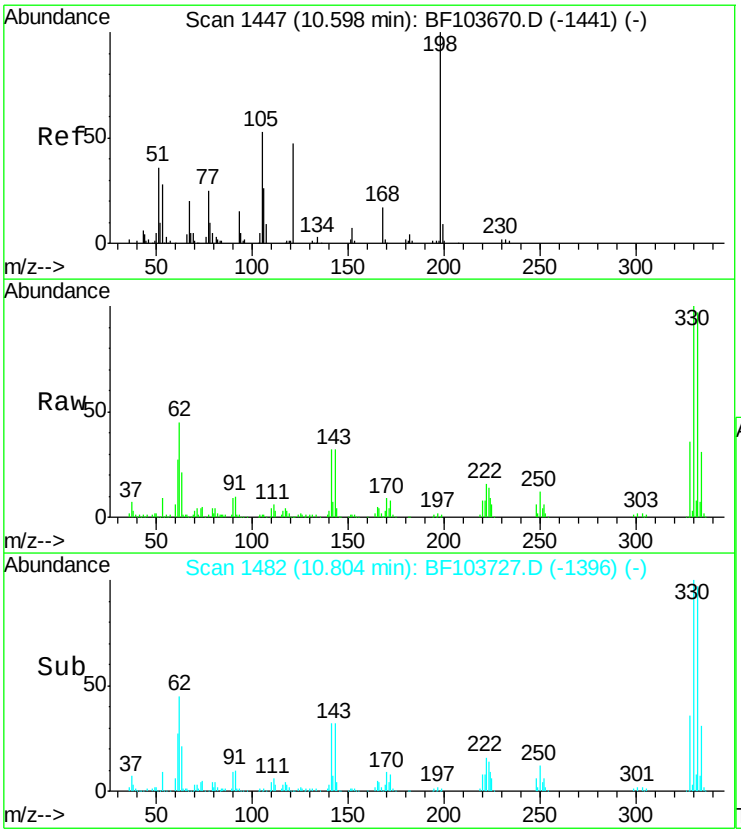
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 357775

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.4	9.2	13.8

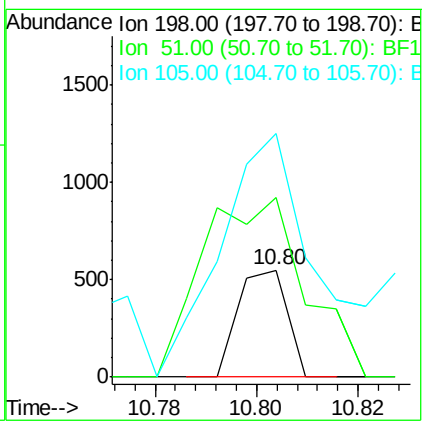


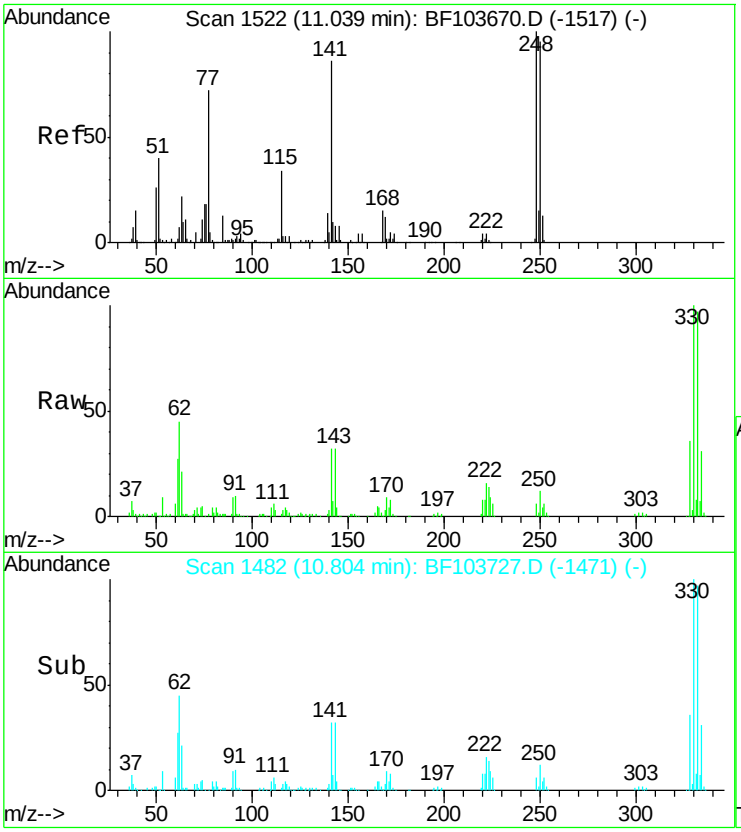


#64
4,6-Dinitro-2-methylphenol
Concen: 8.429 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:198 Resp: 373

Ion	Ratio	Lower	Upper
198	100		
51	168.8	37.7	77.7#
105	228.3	36.3	76.3#



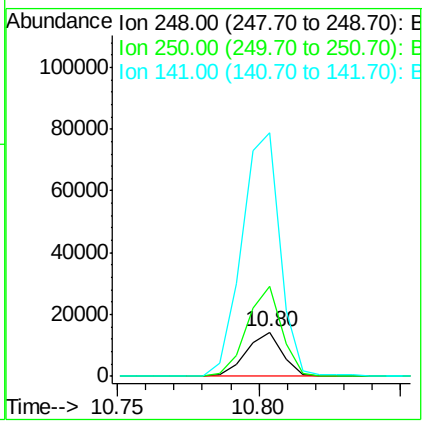


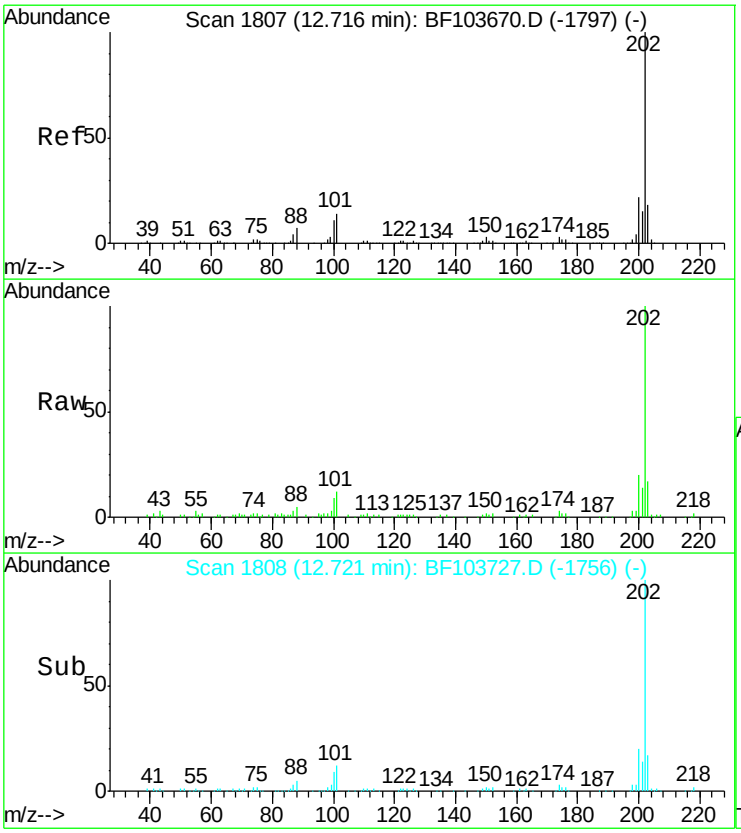
#66
4-Bromophenyl-phenylether
Concen: 3.353 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12318

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.9	115.3#
141	548.6	74.4	111.6#

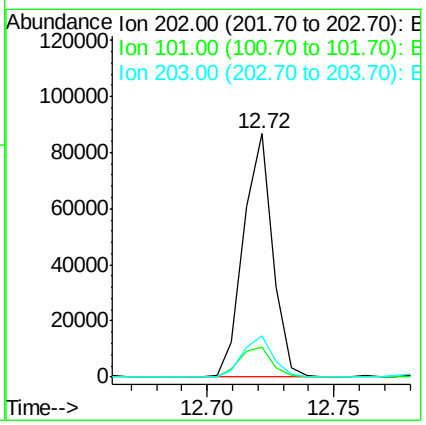


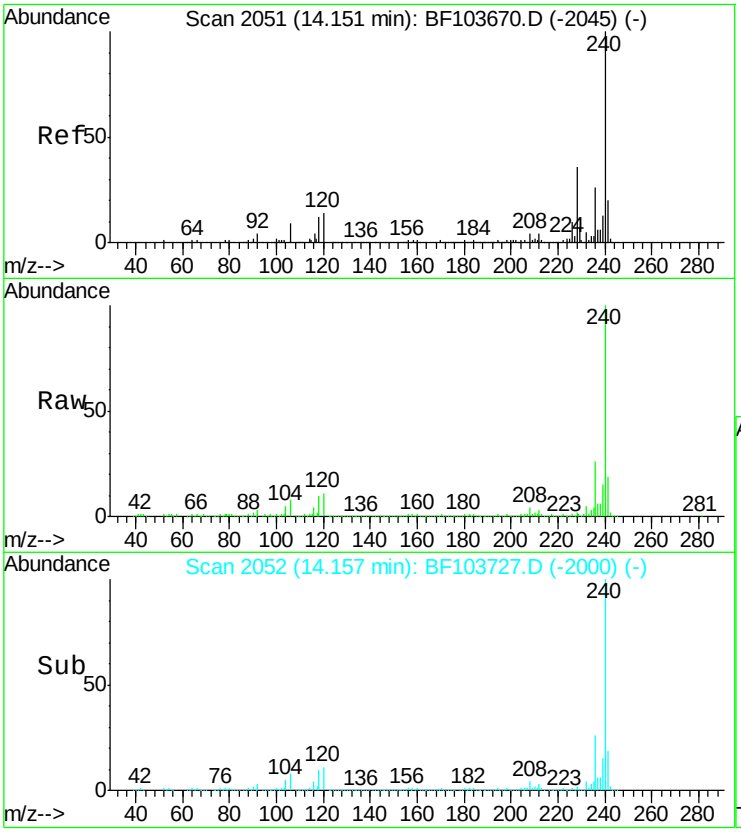


#74
Fluoranthene
Concen: 3.444 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:202 Resp: 69443

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	16.8	0.0	38.1



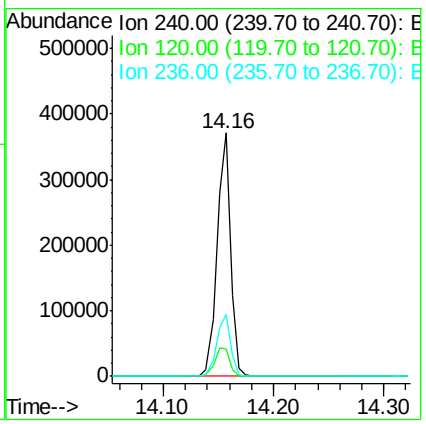


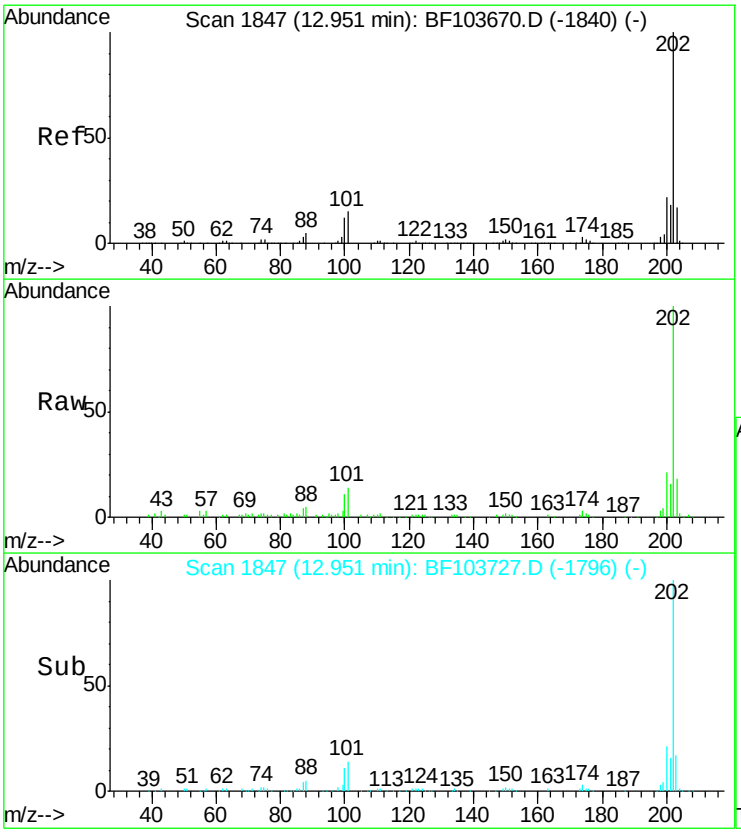
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 315487

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.6	20.7	31.1

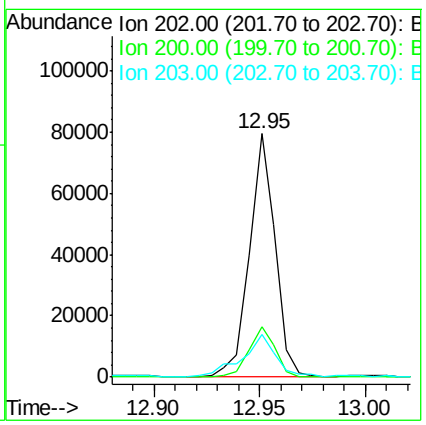


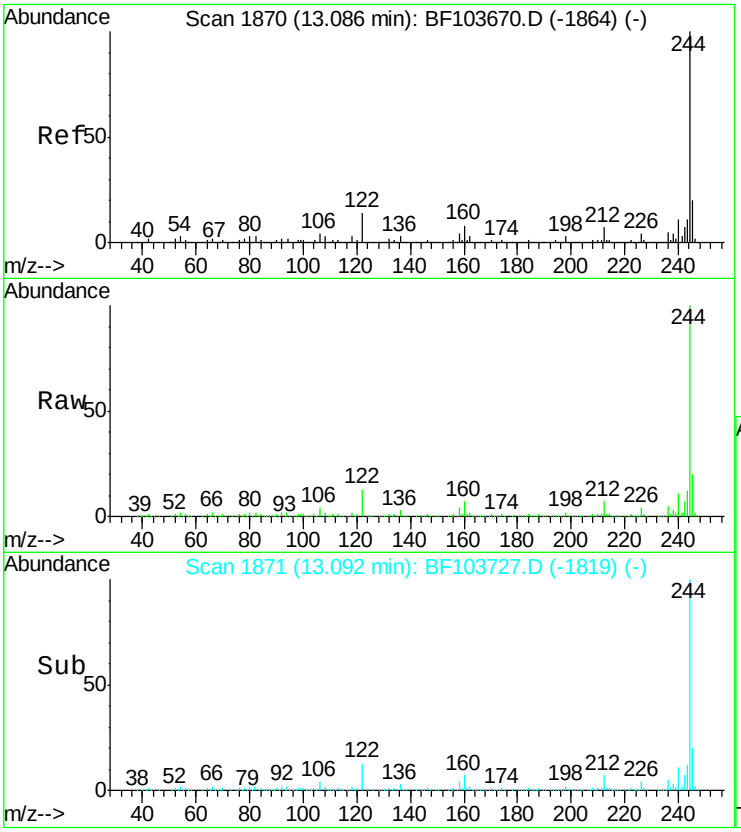


#77
Pyrene
Concen: 2.918 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:202 Resp: 67600

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.5	14.3	21.5



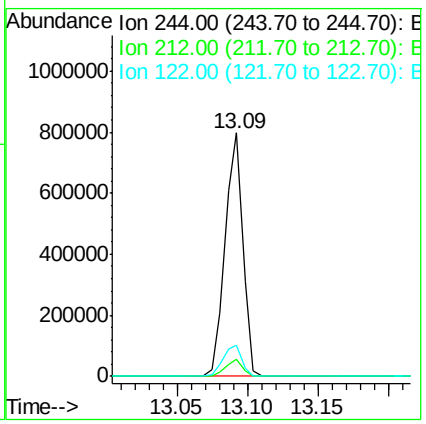


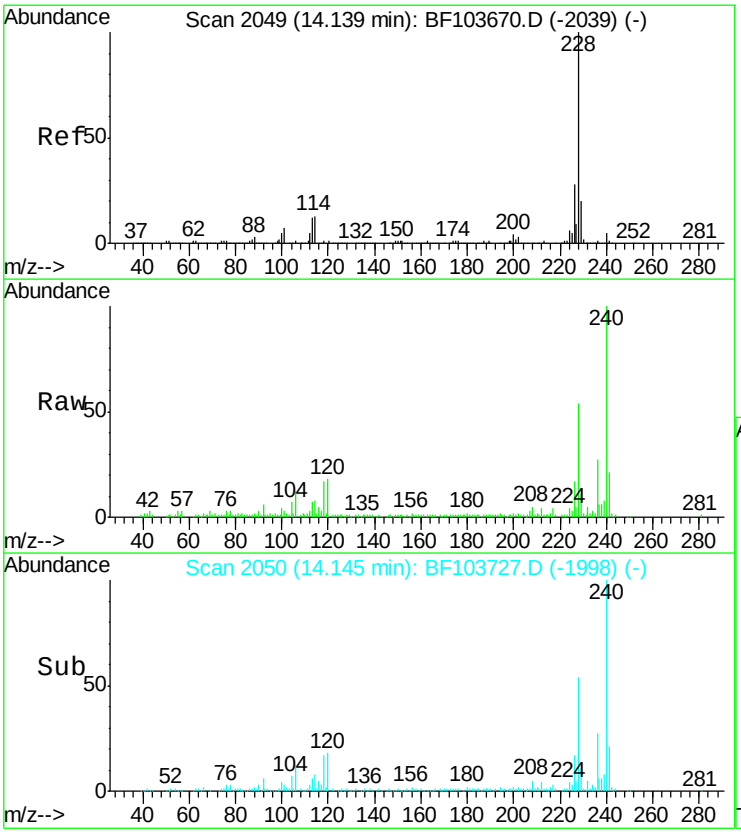
#78
Terphenyl-d14
Concen: 51.347 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 697903

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4

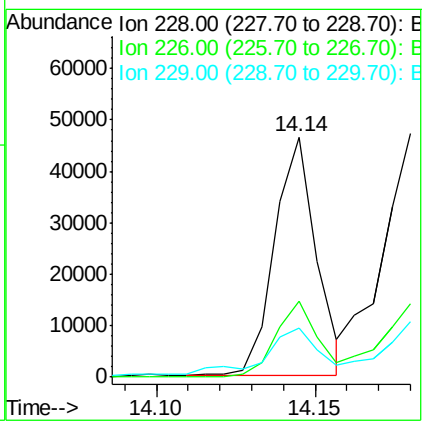


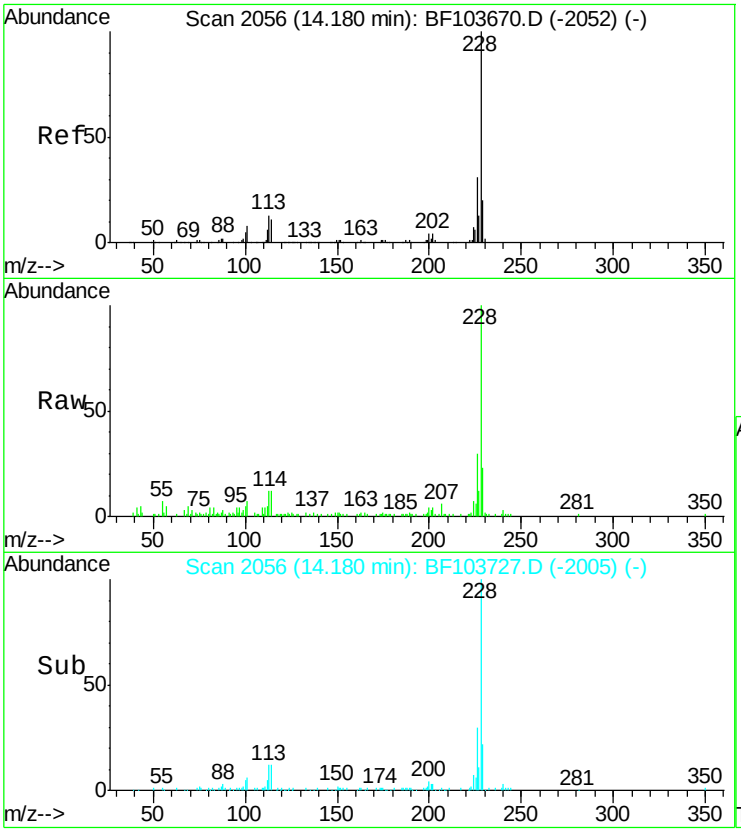


#80
Benzo(a)anthracene
Concen: 2.130 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:228 Resp: 42527

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	20.2	15.8	23.6



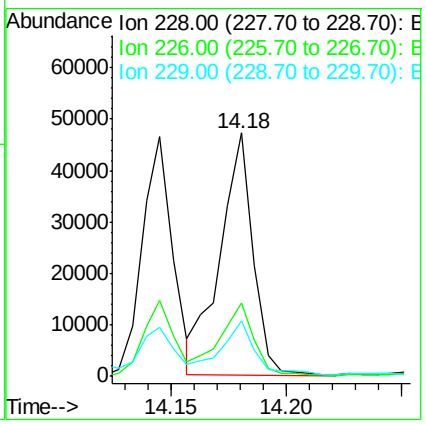


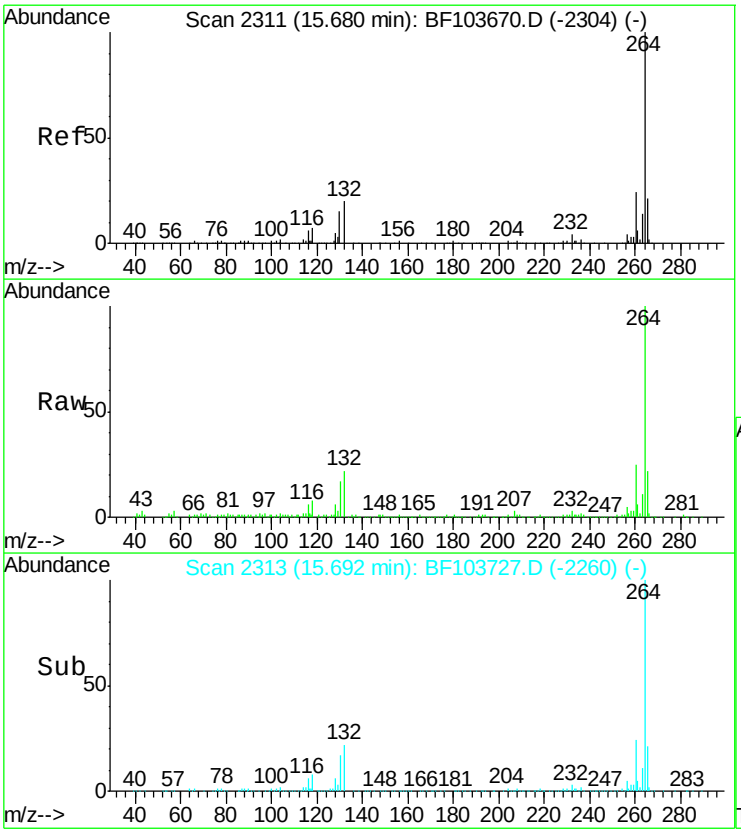
#82
Chrysene
Concen: 2.476 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 47143

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.7	16.2	24.4

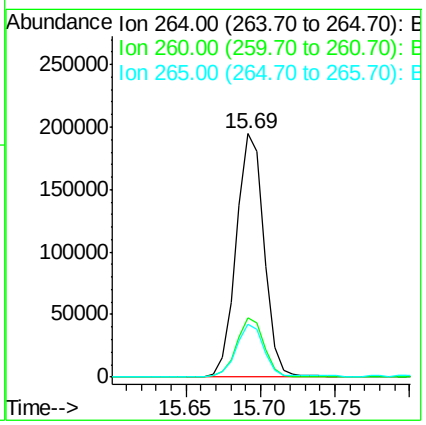


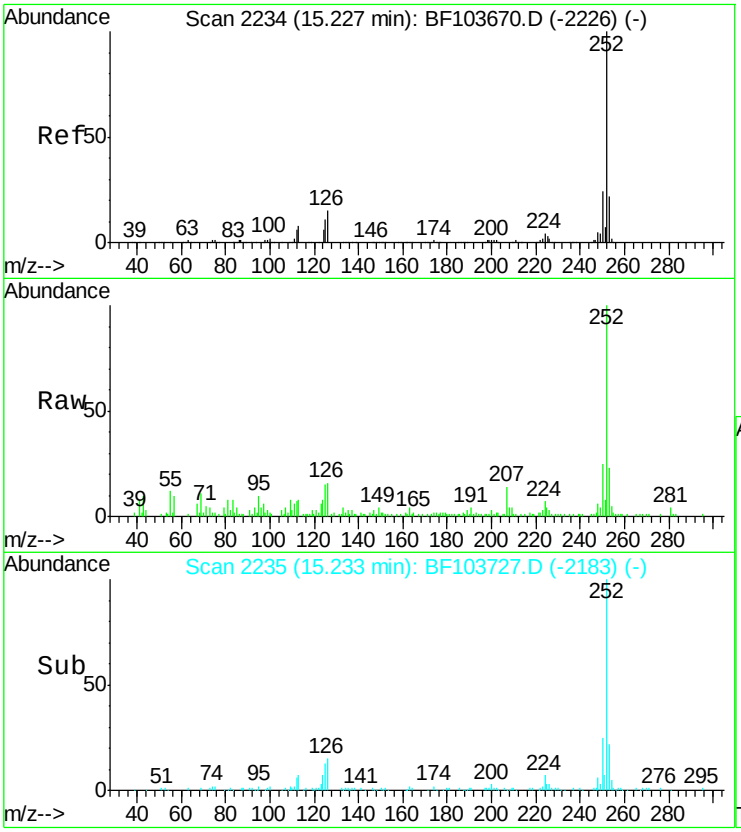


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:264 Resp: 252577

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3



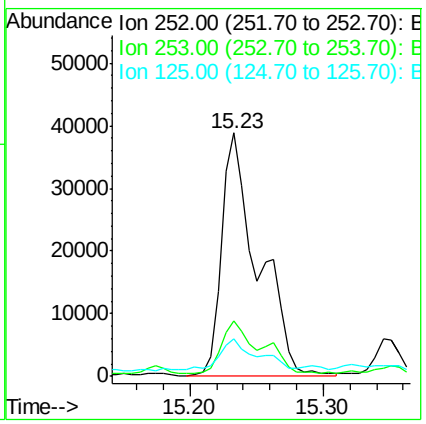


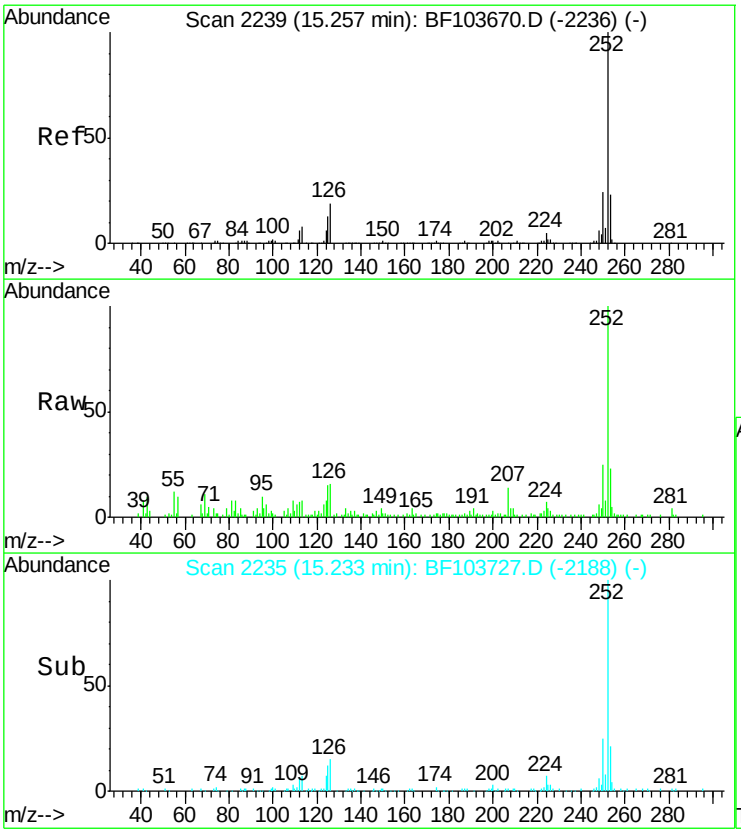
#87
Benzo(b)fluoranthene
Concen: 4.671 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 74544

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	15.3	9.0	13.6#

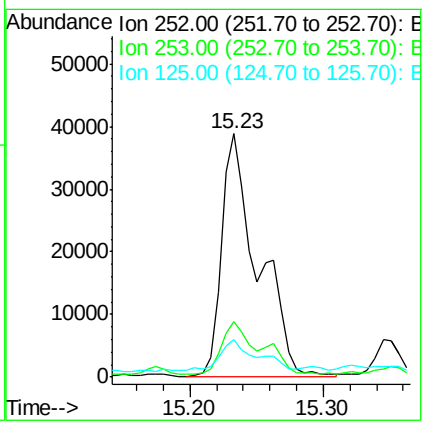


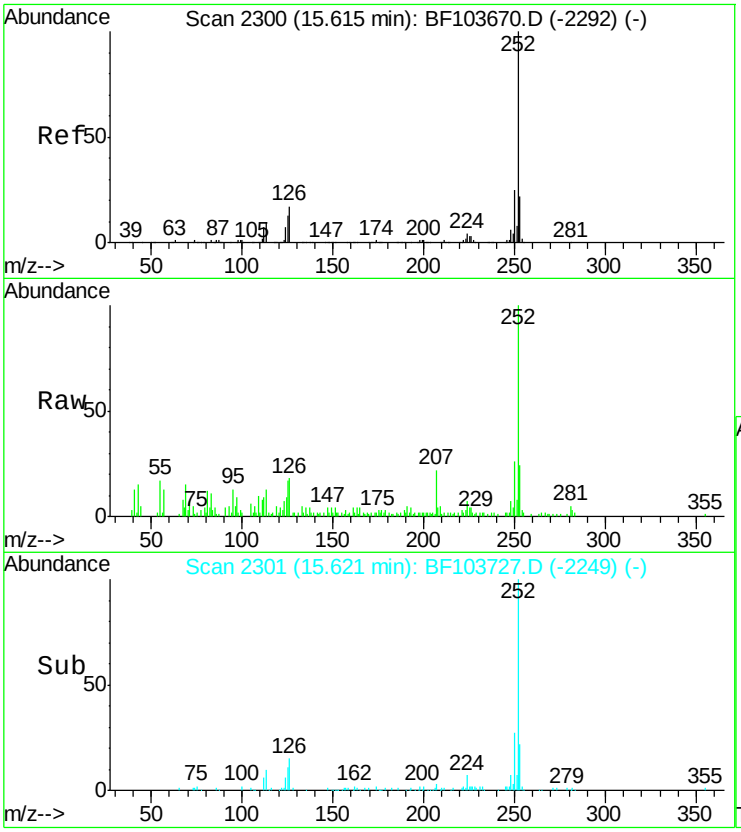


#88
Benzo(k)fluoranthene
Concen: 4.860 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:252 Resp: 74544

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	15.3	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.273 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32891

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	17.5	9.8	14.6#