Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
Data File : BF103057.D
Acq On : 16 Feb 2018 17:26
Operator : SJ/JU
Sample : J1399-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 16 23:16:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171546	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	681151	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	267873	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	399461	20.00	ng		0.00
75) Chrysene-d12	14.04	240	307553	20.00	ng		-0.01
86) Perylene-d12	15.54	264	242860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	247400	21.90	ng		0.00
7) Phenol-d6	6.50	99	308603	22.69	ng		-0.01
23) Nitrobenzene-d5	7.43	82	173844	17.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	42201	19.57	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	291691	18.07	ng		-0.01
78) Terphenyl-d14	12.98	244	210268	16.19	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	23277	2.60	ng	#	87
25) Isophorone	7.43	82	173842	7.69	ng	#	64
47) 2-Nitroaniline	9.45	65	345	3.53	ng	#	2
50) 2,6-Dinitrotoluene	9.91	165	35482	8.93	ng	#	26
55) 4-Nitrophenol	10.12	139	6900	5.65	ng	#	14
56) 2,4-Dinitrotoluene	9.91	165	35482	9.31	ng	#	24
70) Phenanthrene	11.43	178	112357	5.05	ng		100
74) Fluoranthene	12.62	202	182747	8.16	ng		99
77) Pyrene	12.85	202	161059	6.68	ng		99
80) Benzo(a)anthracene	14.03	228	78510	4.06	ng		98
82) Chrysene	14.03	228	78510	4.03	ng		95
87) Benzo(b)fluoranthene	15.10	252	97813	6.21	ng	#	83
88) Benzo(k)fluoranthene	15.10	252	97685	6.49	ng	#	86
89) Benzo(a)pyrene	15.47	252	52671	3.72	ng	#	85
91) Benzo(g,h,i)perylene	17.50	276	27371	2.43	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
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Acq On : 16 Feb 2018 17:26
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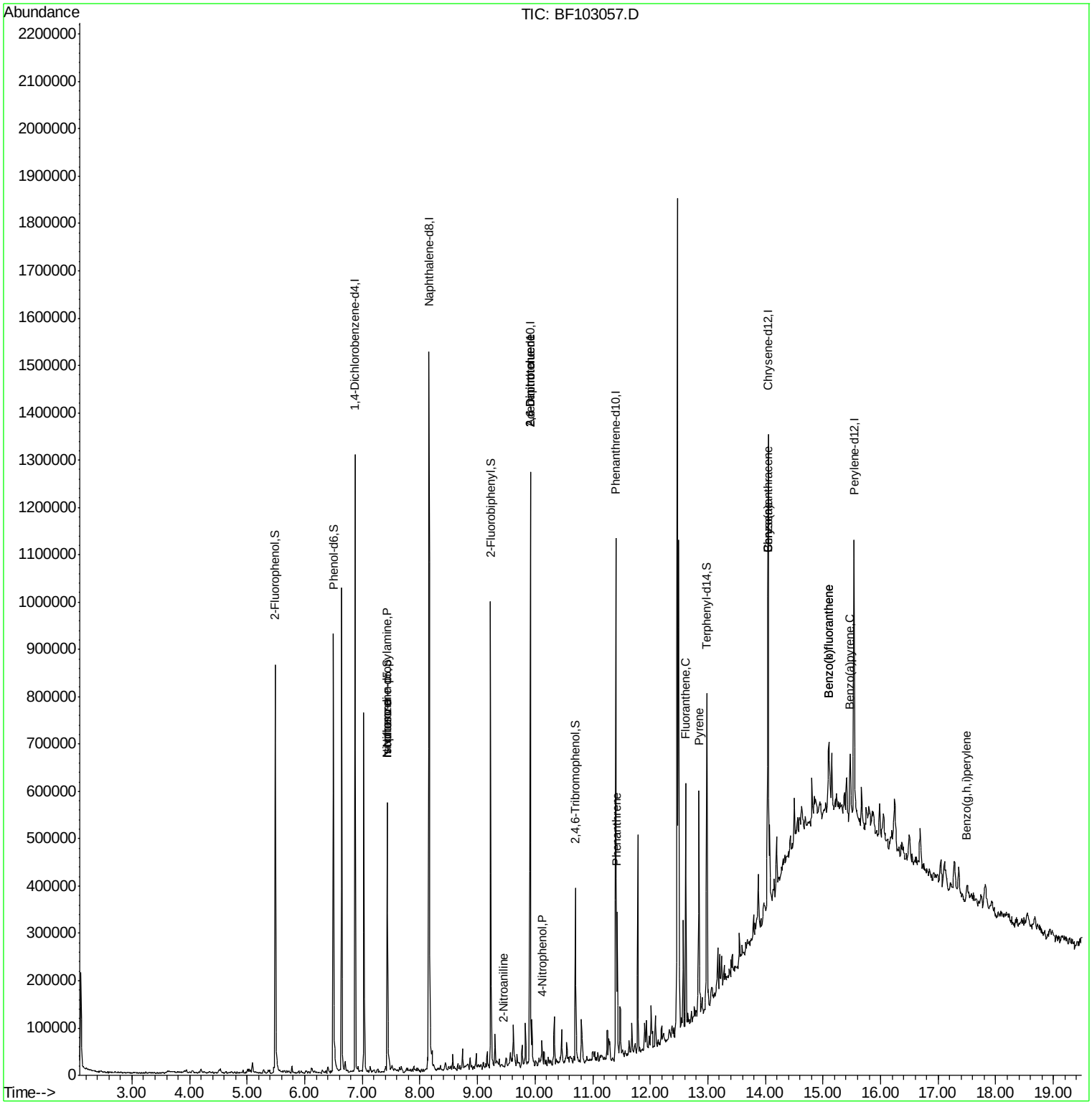
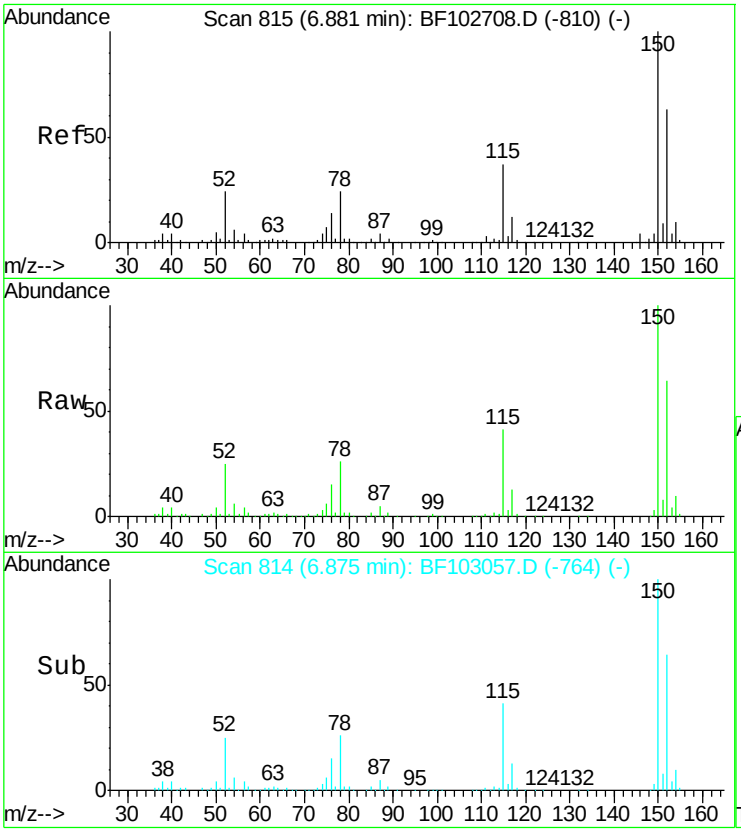
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 16 23:16:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



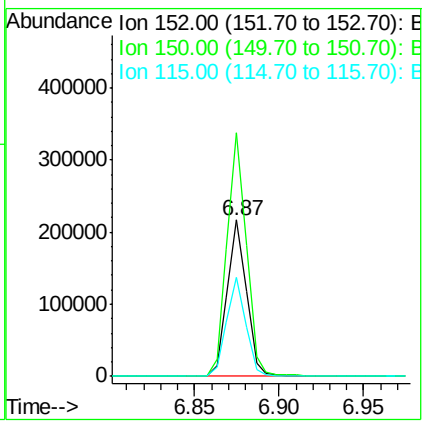


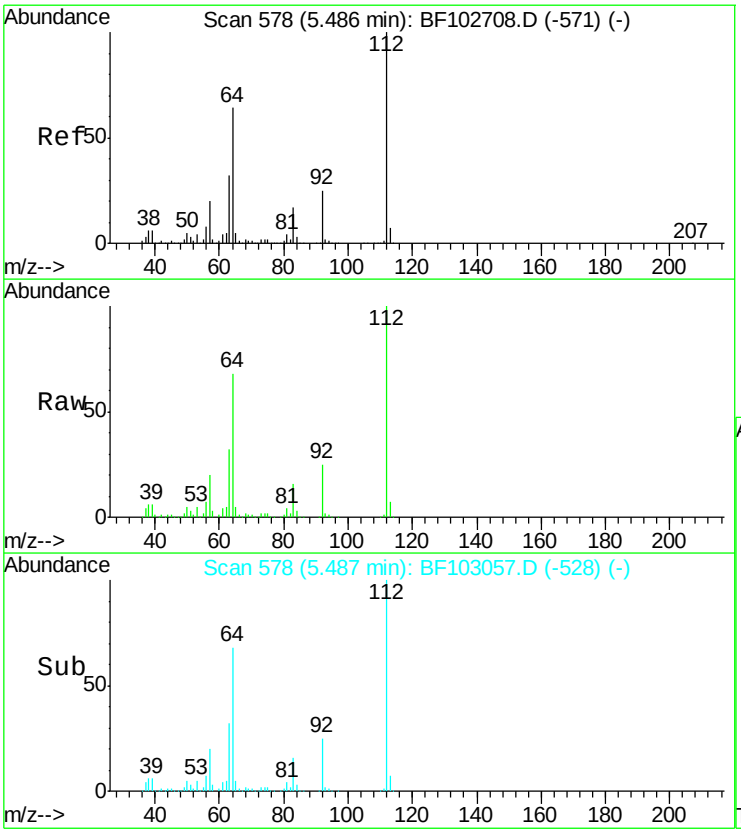
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171546

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	63.4	50.1	75.1

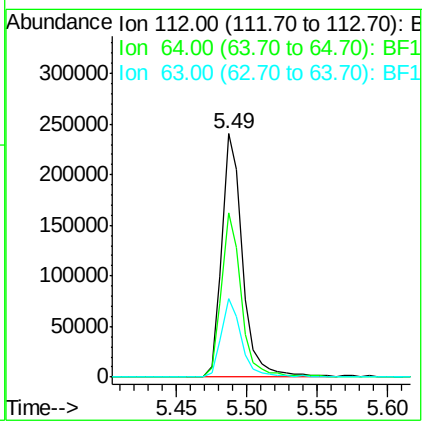


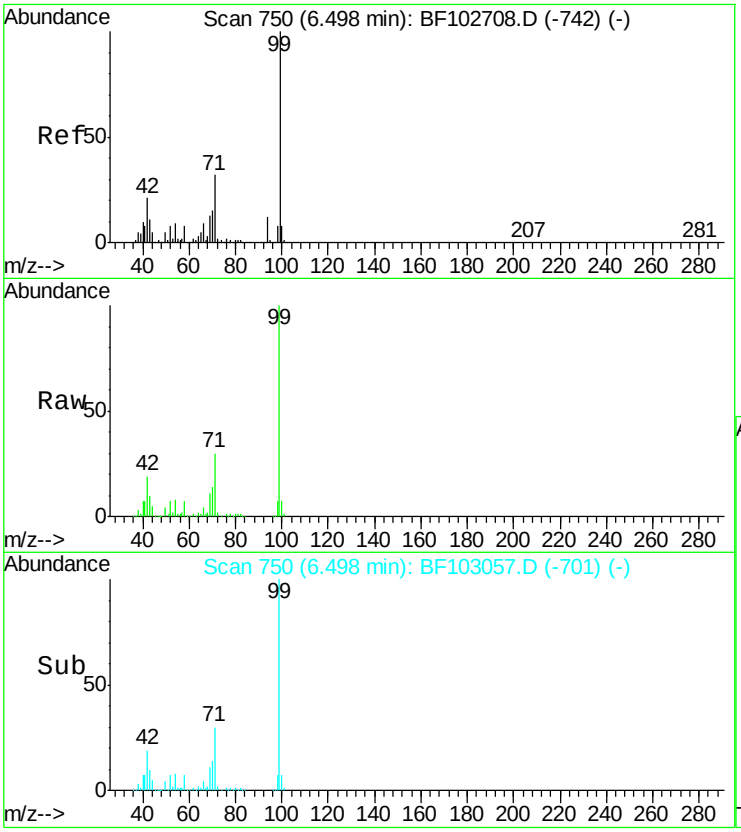


#5
2-Fluorophenol
Concen: 21.90 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:112 Resp: 247400

Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	32.1	23.7	35.5



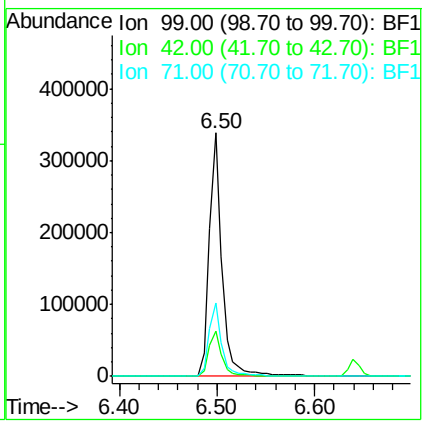


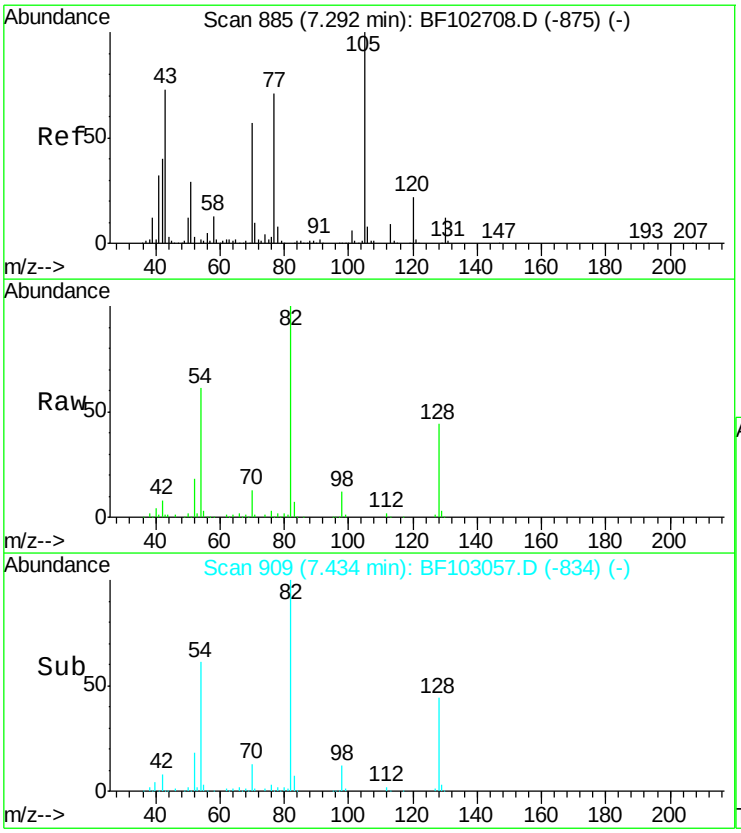
#7
Phenol-d6
Concen: 22.69 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 308603

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	30.2	25.4	38.0

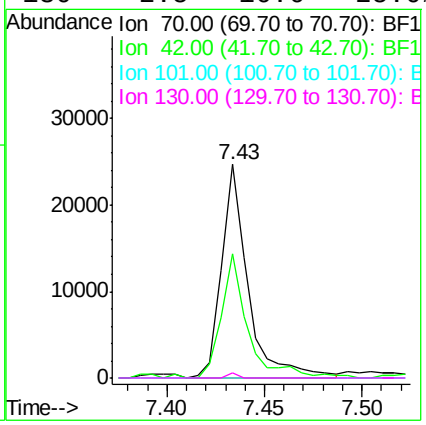


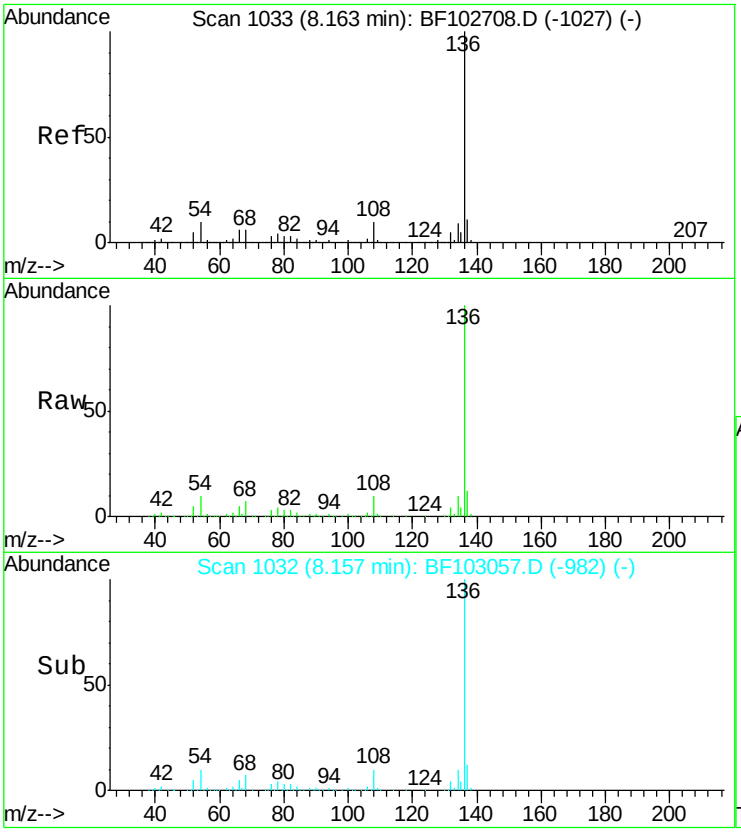


#19
n-Nitroso-di-n-propylamine
Concen: 2.60 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion: 70 Resp: 23277

Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



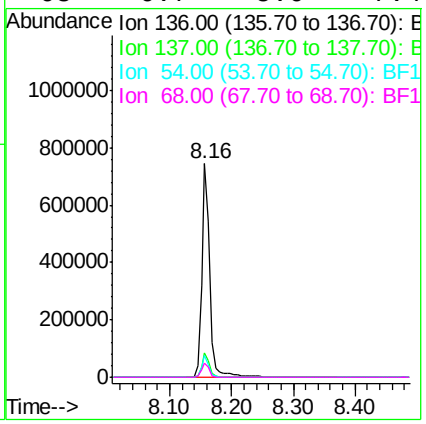


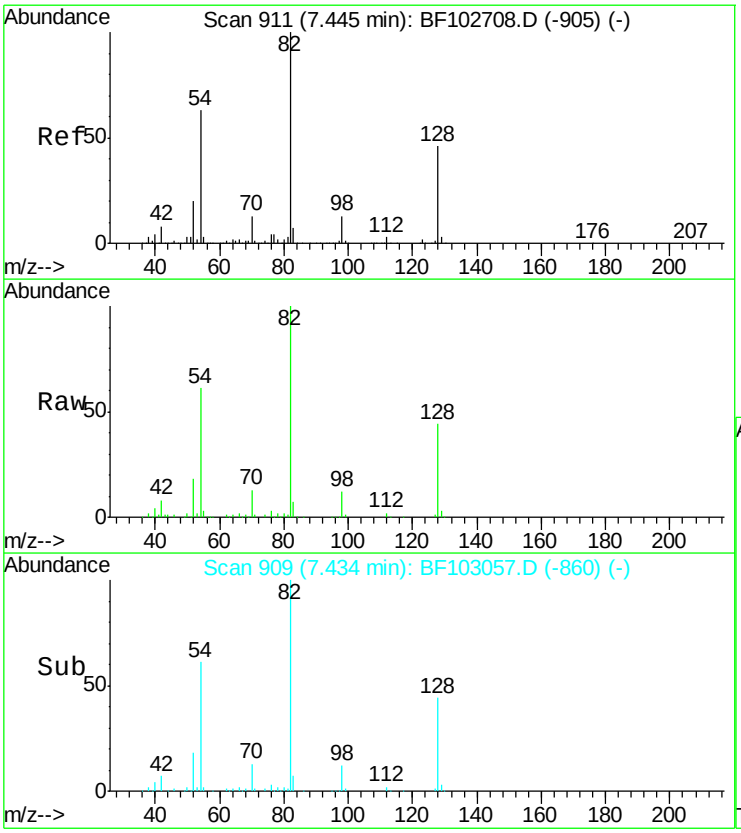
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 681151

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.1	6.6	9.8#
68	6.7	5.0	7.4

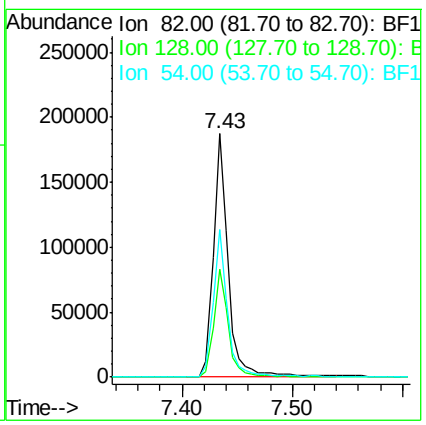


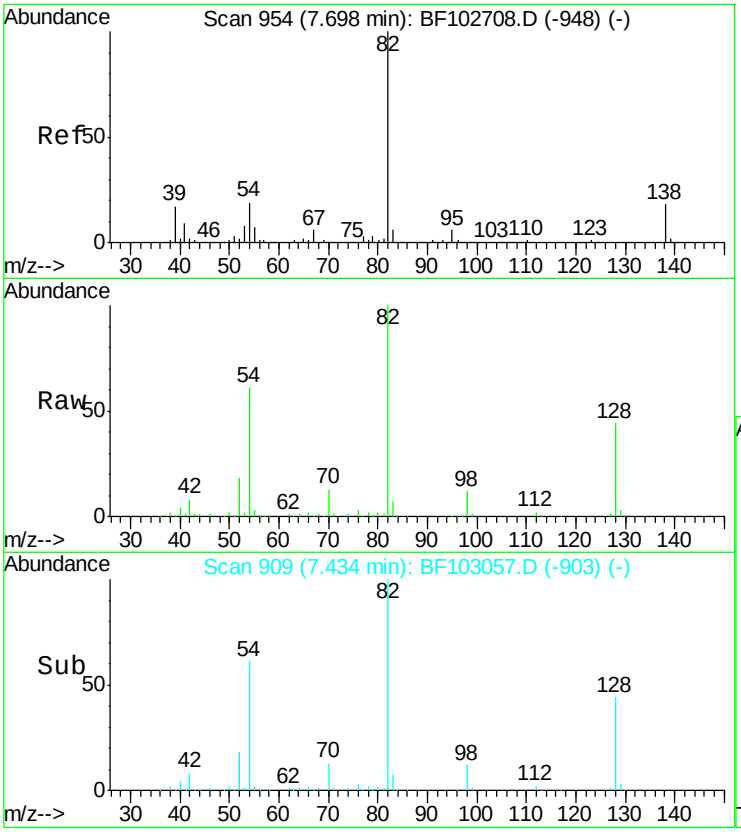


#23
Nitrobenzene-d5
Concen: 17.70 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion: 82 Resp: 173844

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	60.6	41.4	62.2



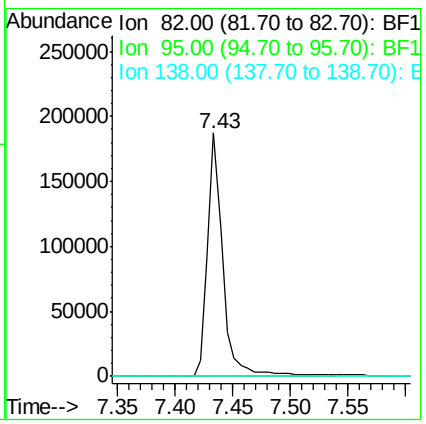


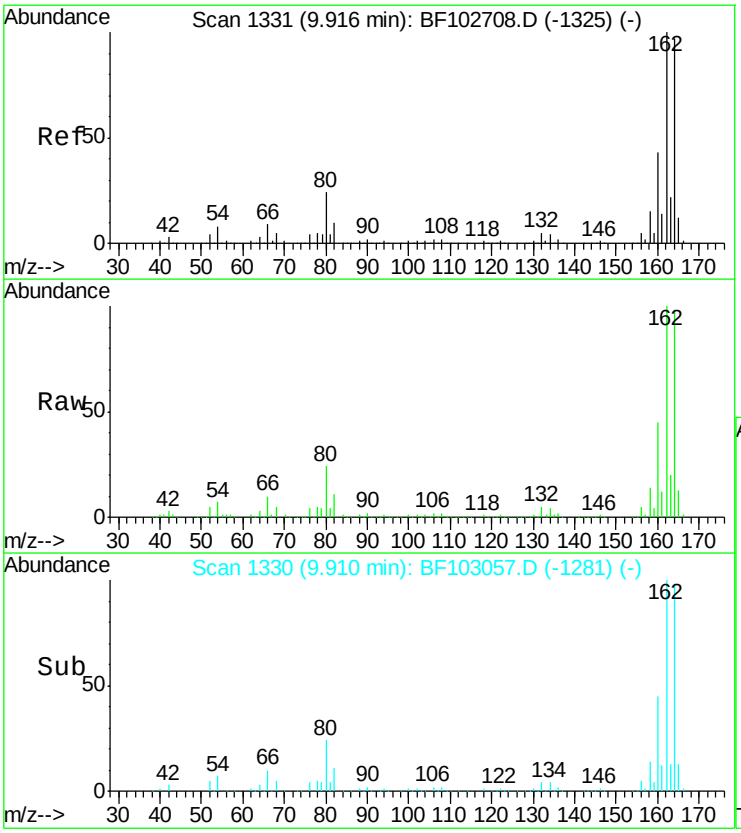
#25
Isophorone
Concen: 7.69 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 173842

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

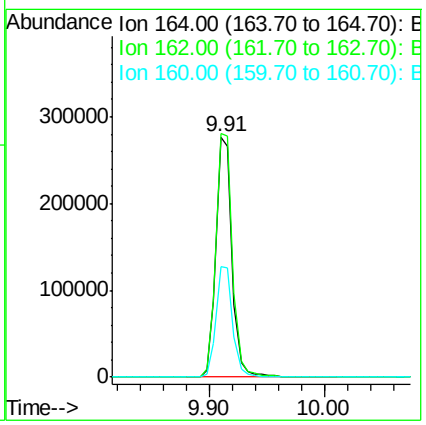


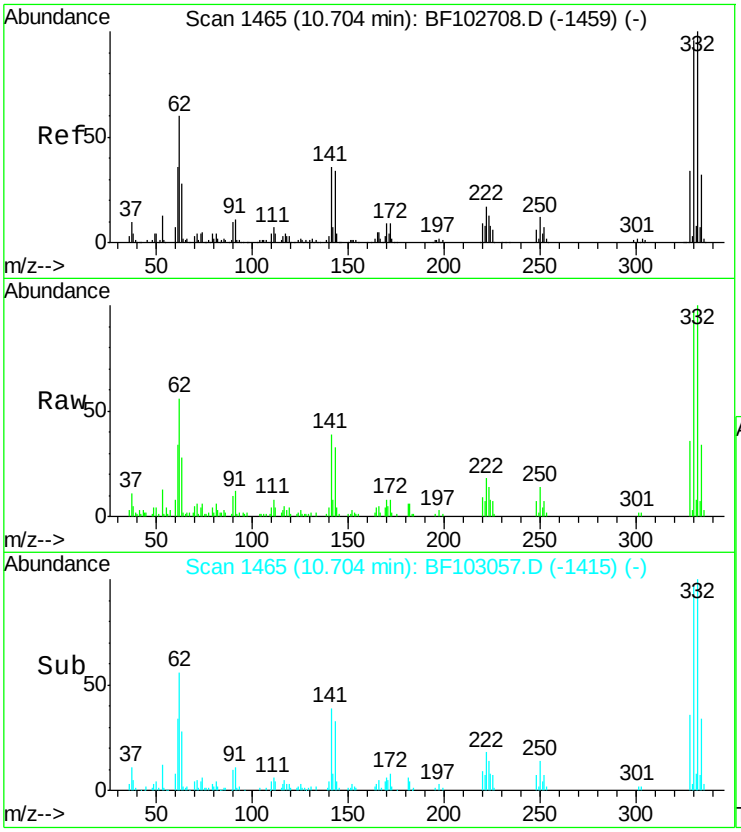


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:164 Resp: 267873

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.0	38.3	57.5



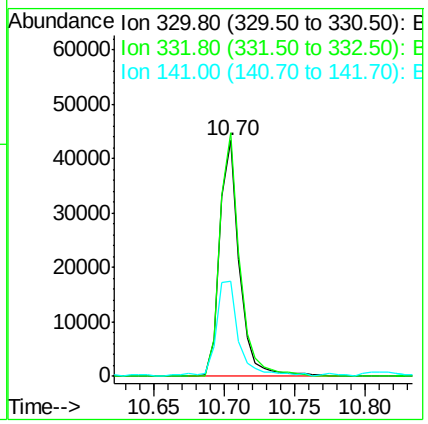


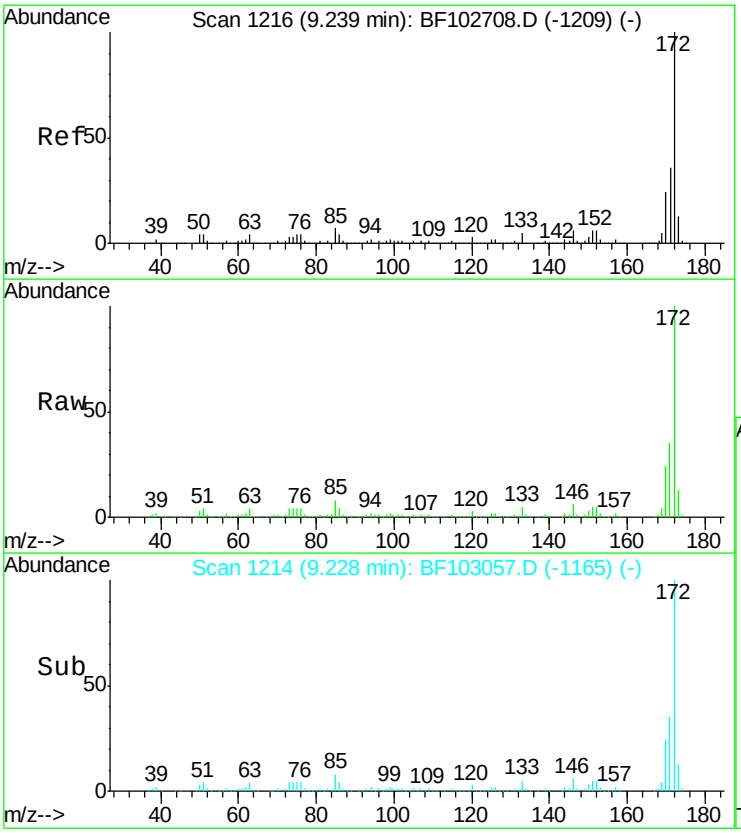
#41
2,4,6-Tribromophenol
Concen: 19.57 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 42201

Ion	Ratio	Lower	Upper
330	100		
332	103.9	77.0	115.6
141	46.8	29.9	44.9#

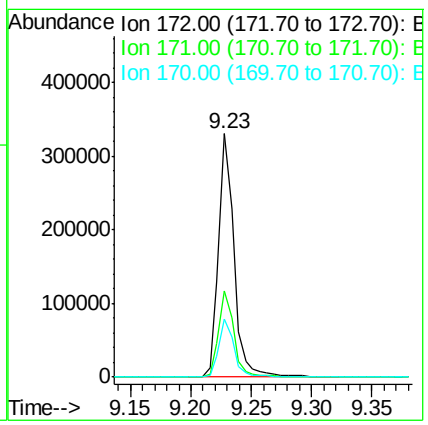


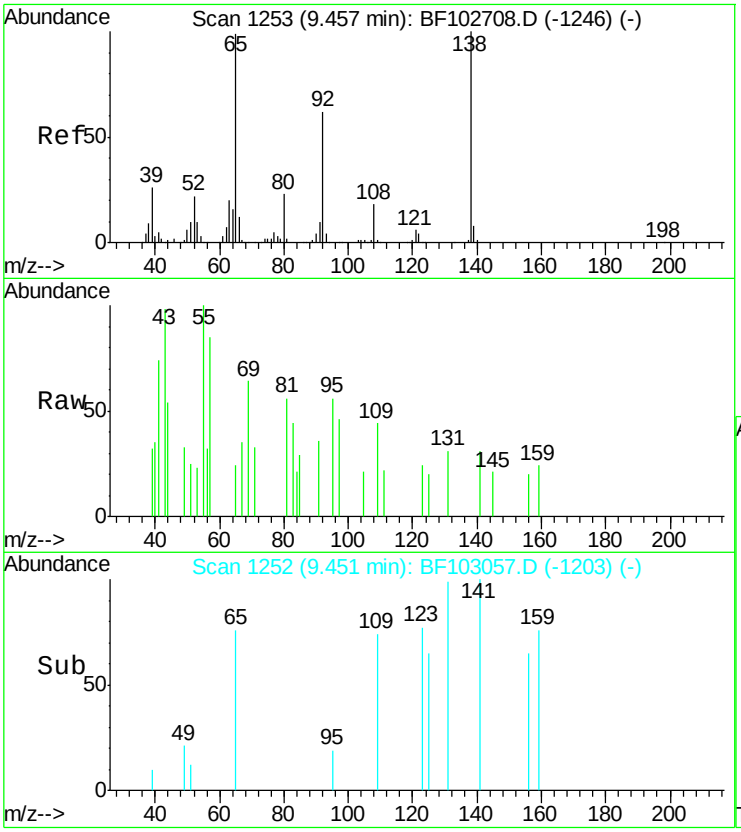


#44
2-Fluorobiphenyl
Concen: 18.07 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:172 Resp: 291691

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.7	19.6	29.4



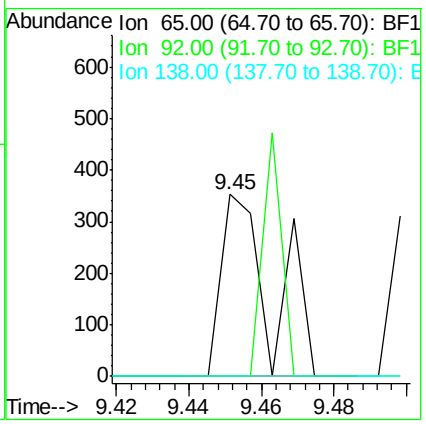


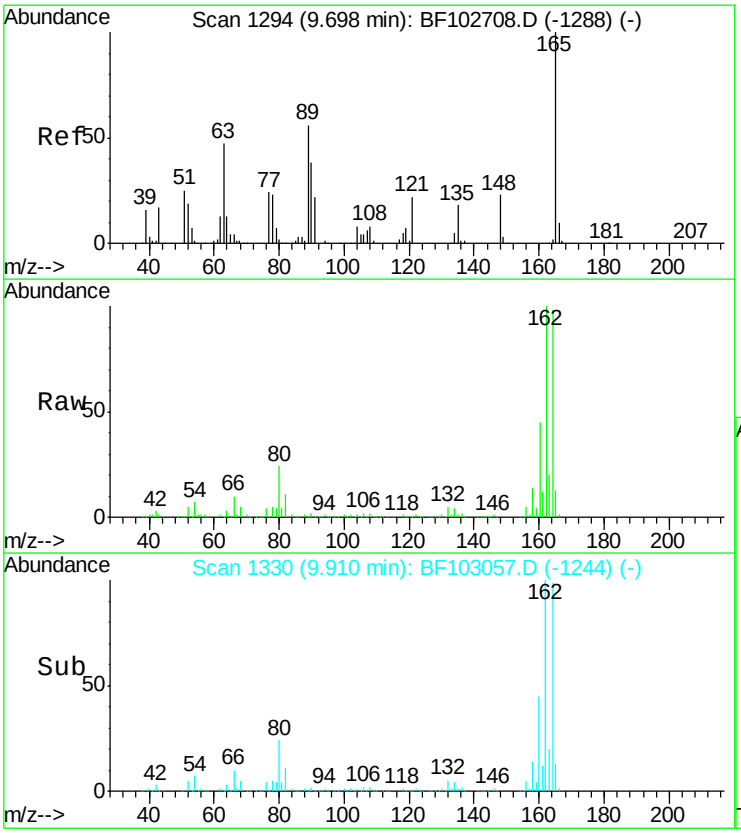
#47
2-Nitroaniline
Concen: 3.53 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 345

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

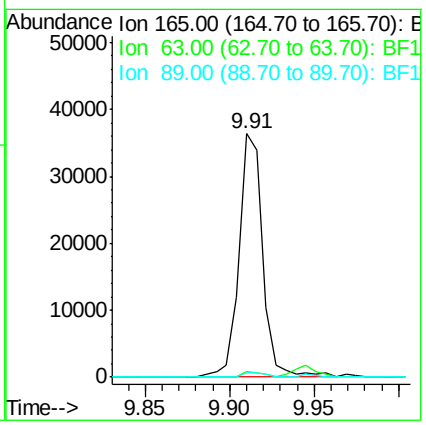


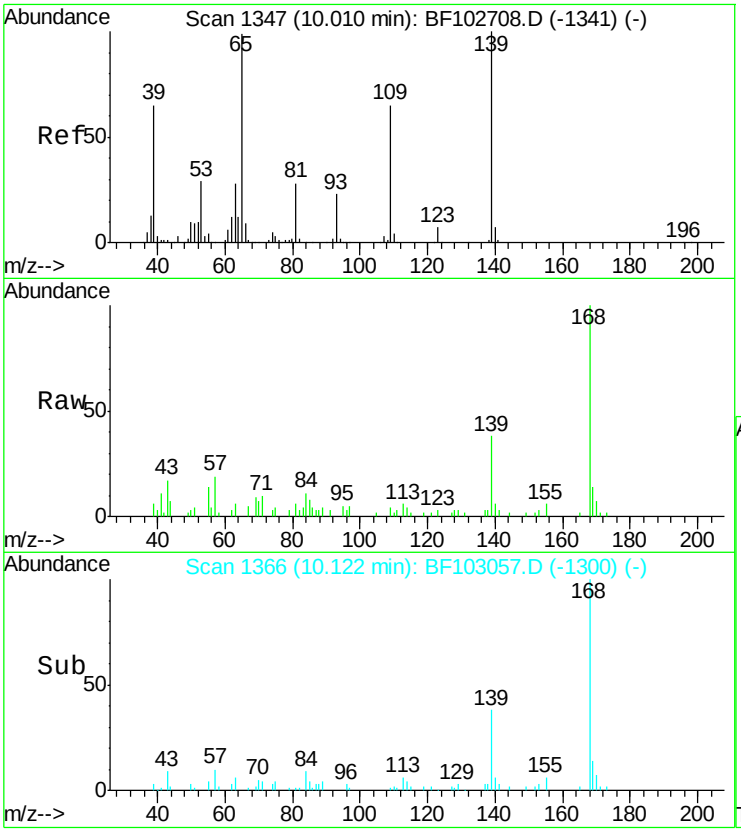


#50
2,6-Dinitrotoluene
Concen: 8.93 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:165 Resp: 35482

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.5	44.0	66.0#



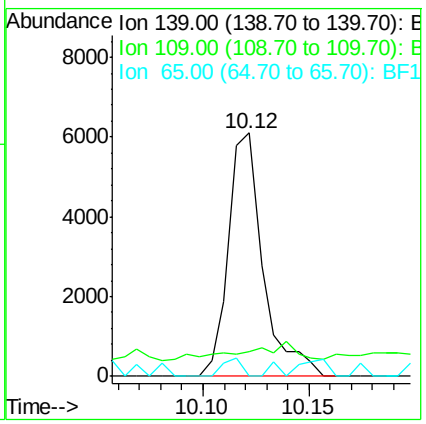


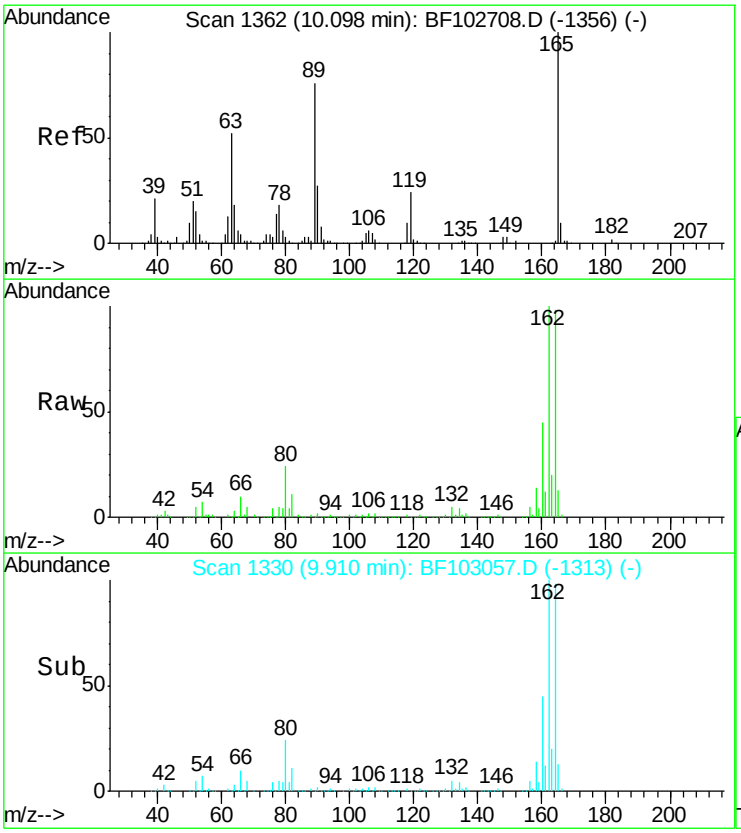
#55
4-Nitrophenol
Concen: 5.65 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6900

Ion	Ratio	Lower	Upper
139	100		
109	10.4	48.4	88.4#
65	0.0	72.6	112.6#

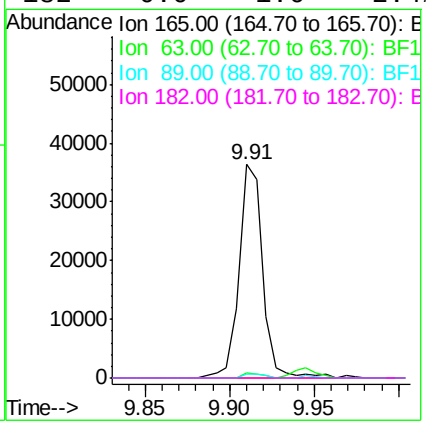


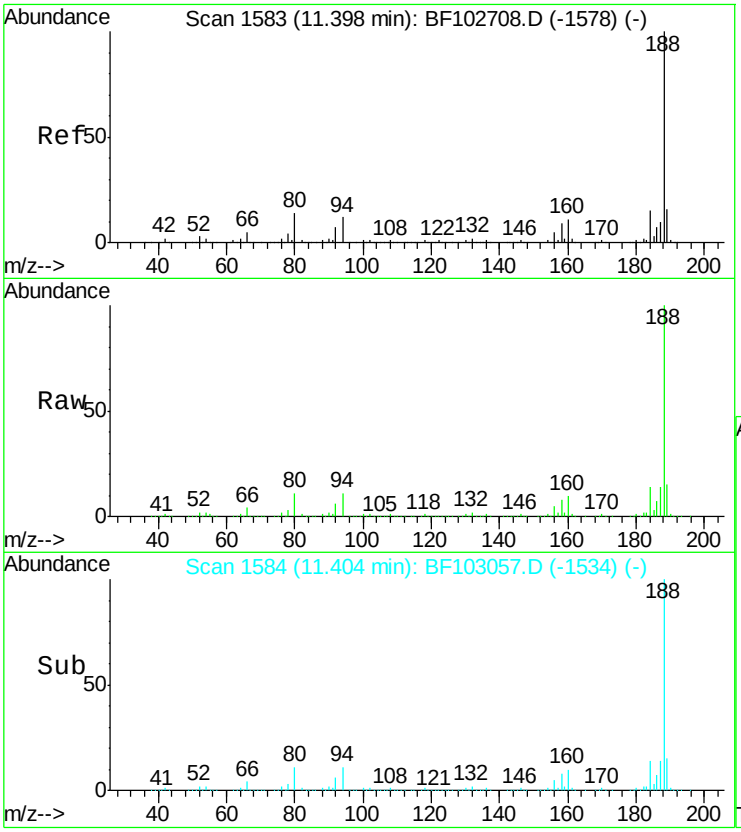


#56
2,4-Dinitrotoluene
Concen: 9.31 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:165 Resp: 35482

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



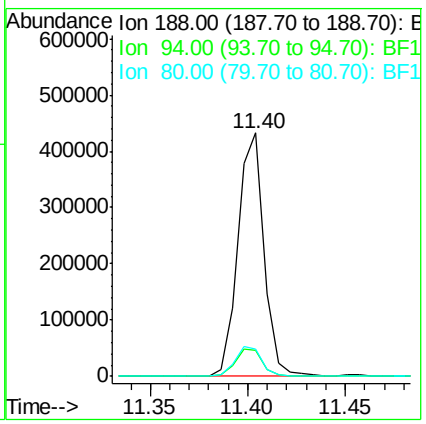


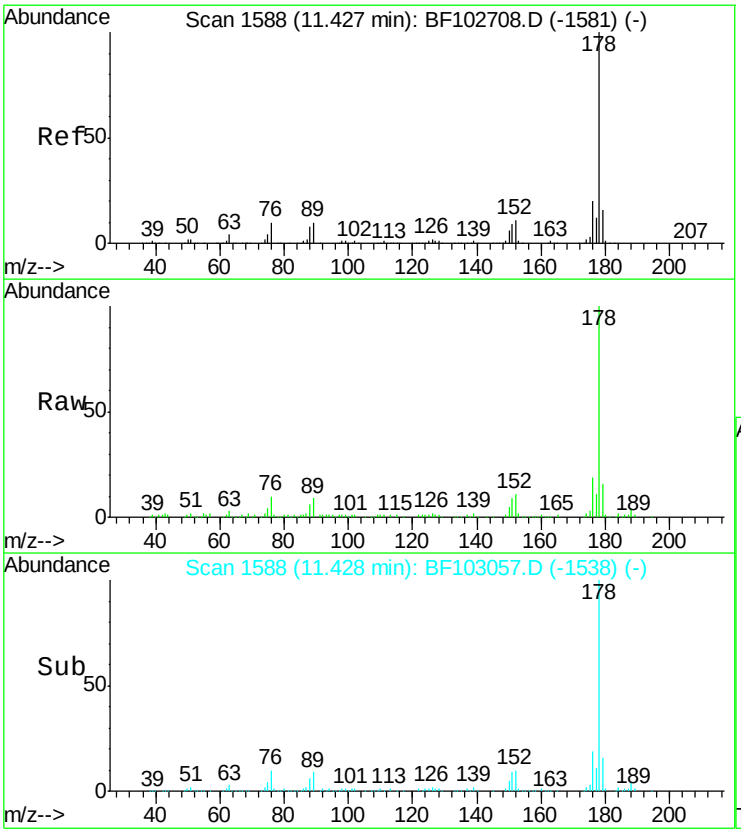
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 399461

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.2	13.8

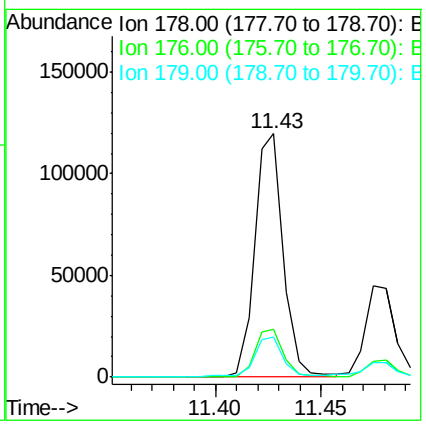


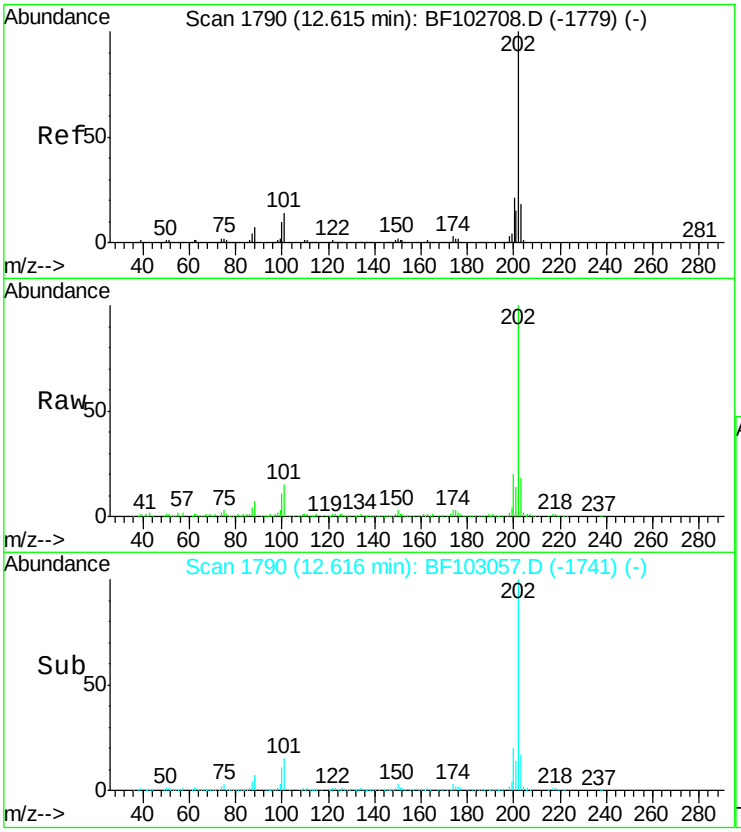


#70
Phenanthrene
Concen: 5.05 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:178 Resp: 112357

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.3	13.0	19.6



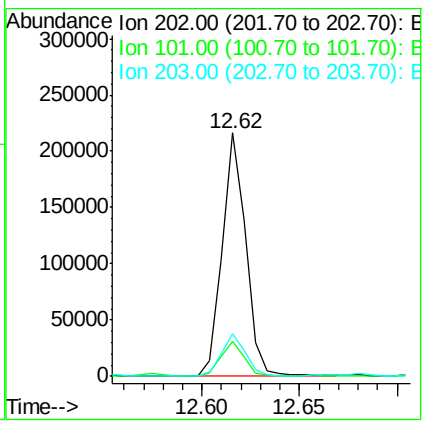


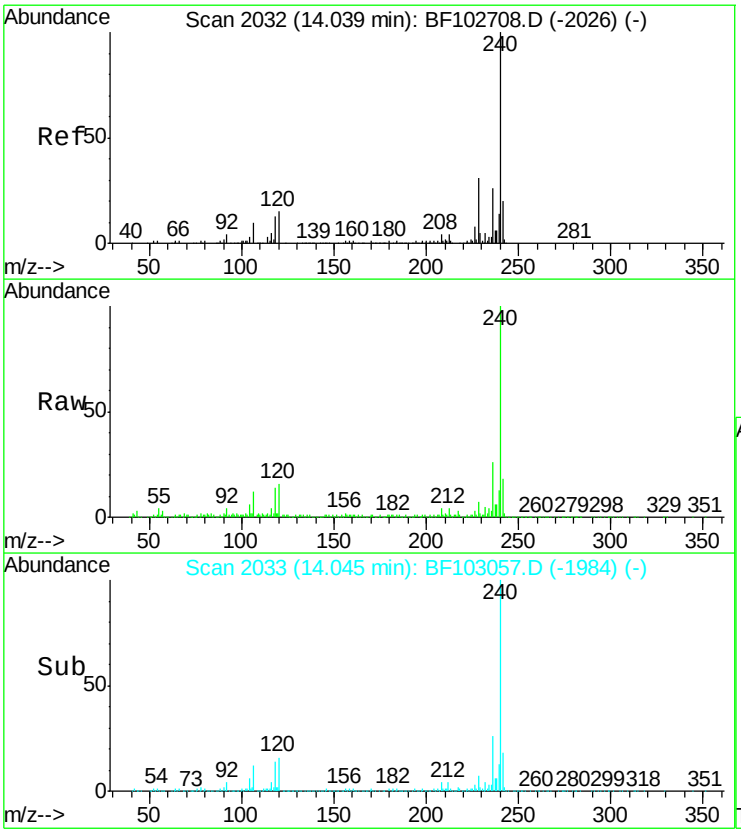
#74
Fluoranthene
Concen: 8.16 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 182747

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.6	0.0	38.1

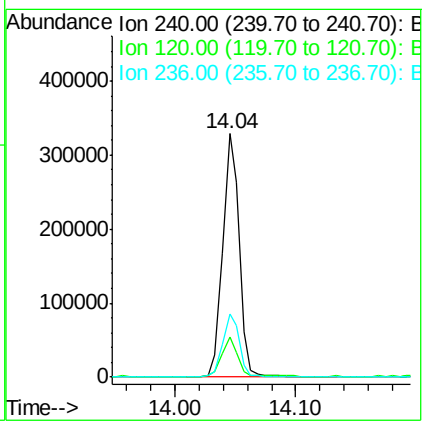


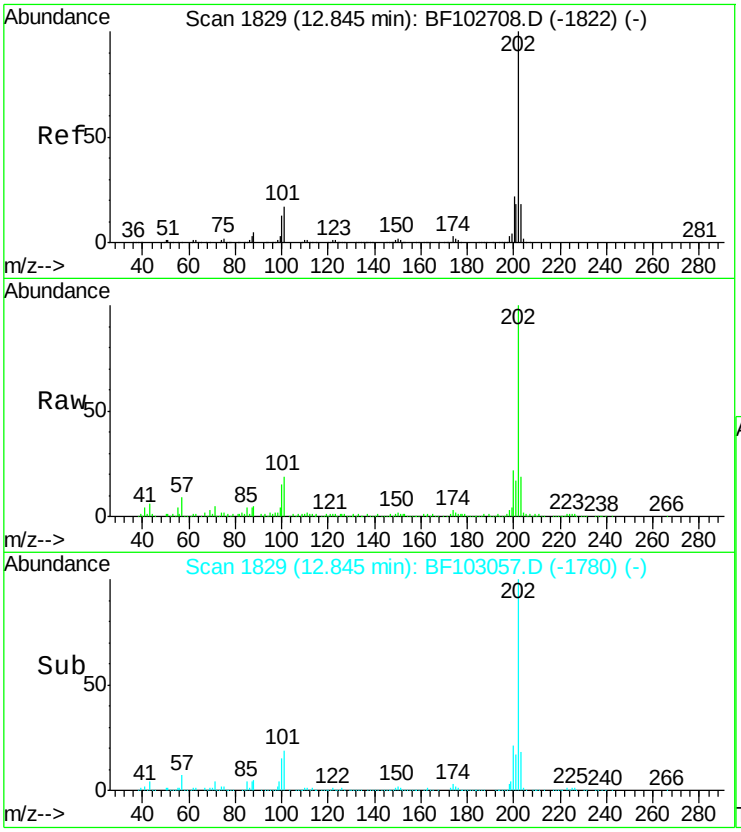


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:240 Resp: 307553

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	26.2	20.7	31.1



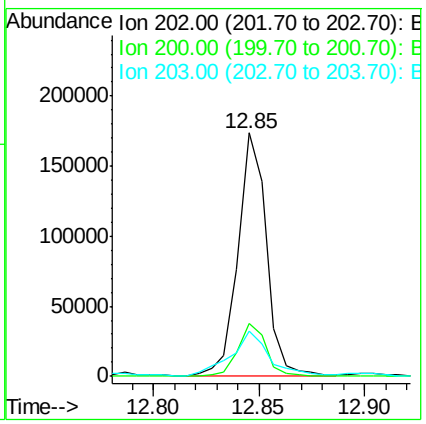


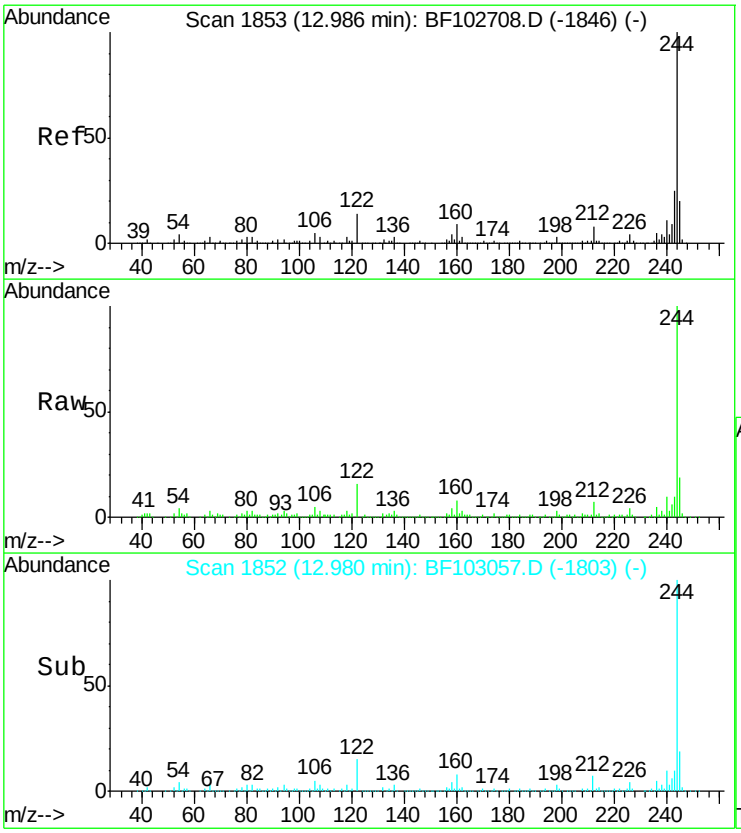
#77
Pyrene
Concen: 6.68 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 161059

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.5	14.3	21.5

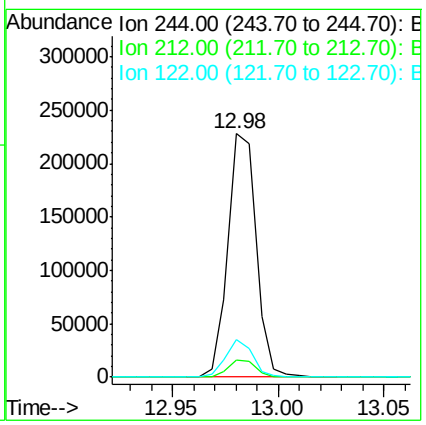


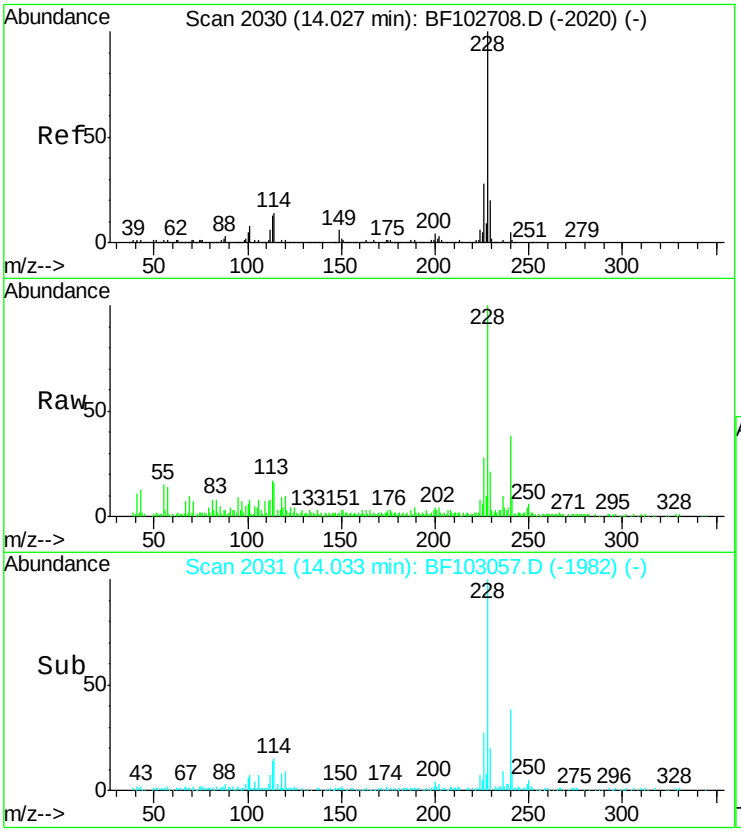


#78
Terphenyl-d14
Concen: 16.19 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:244 Resp: 210268

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.5	11.0	16.4



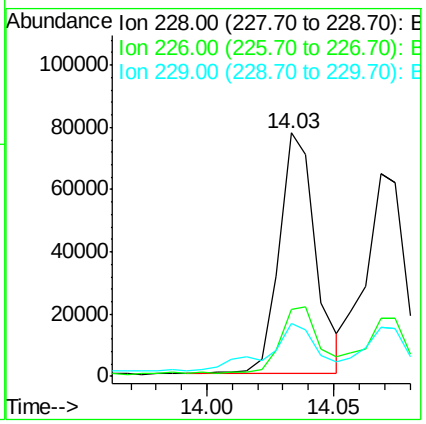


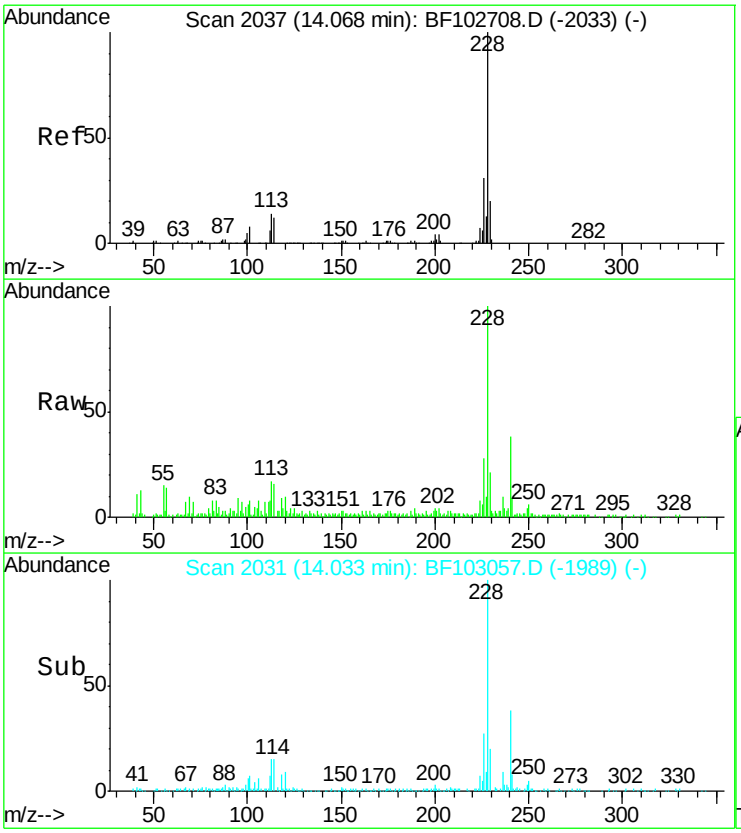
#80
Benzo(a)anthracene
Concen: 4.06 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 78510

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.5	15.8	23.6

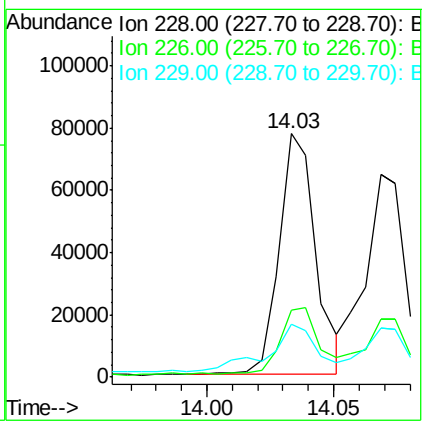


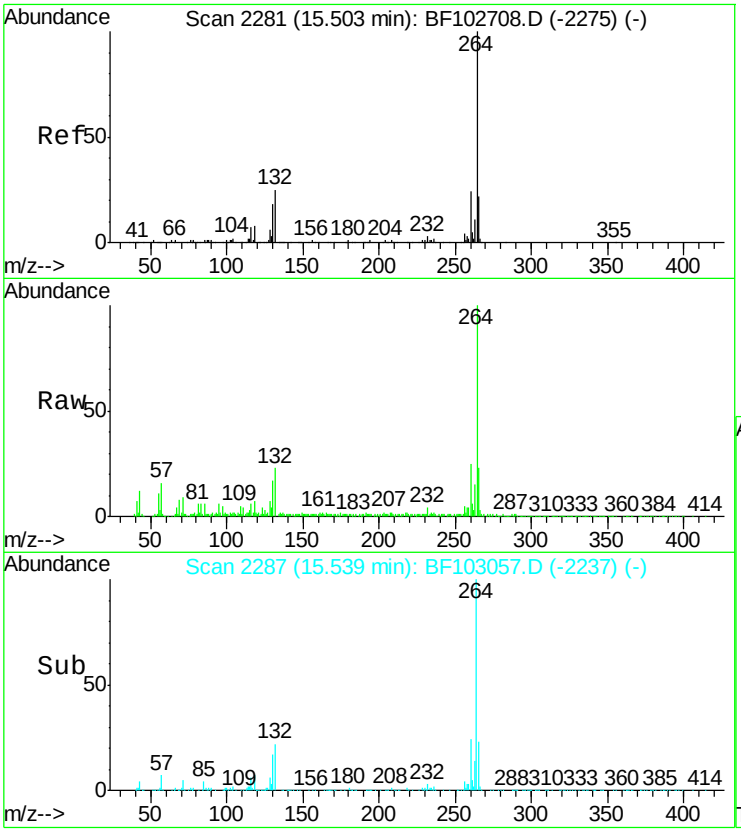


#82
Chrysene
Concen: 4.03 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:228 Resp: 78510

Ion	Ratio	Lower	Upper
228	100		
226	27.7	25.0	37.6
229	21.5	16.2	24.4



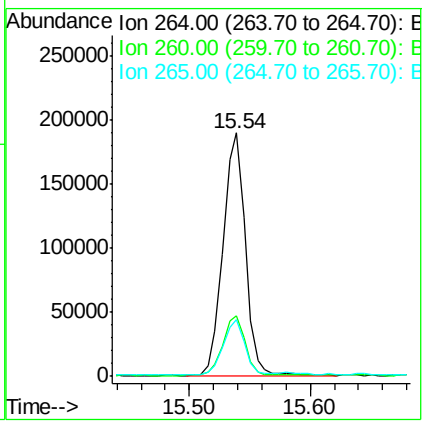


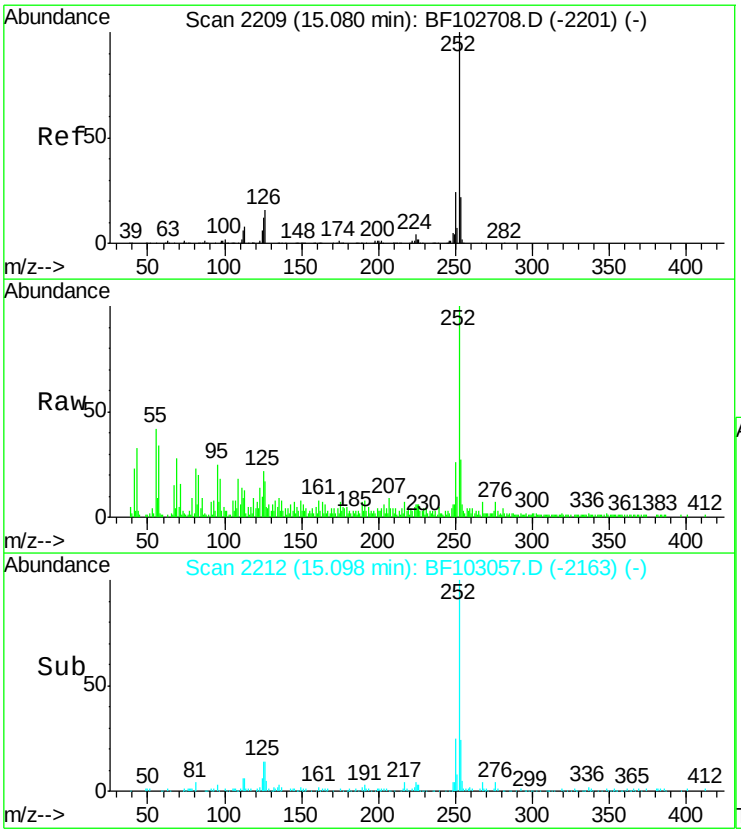
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 242860

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	23.1	17.5	26.3

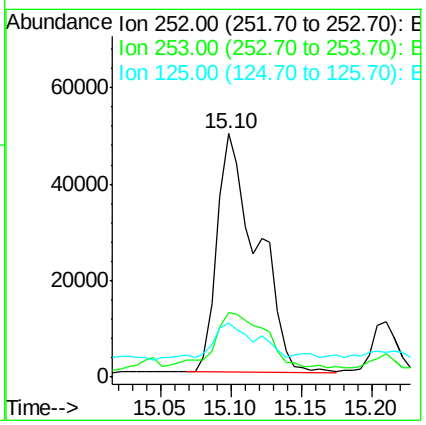


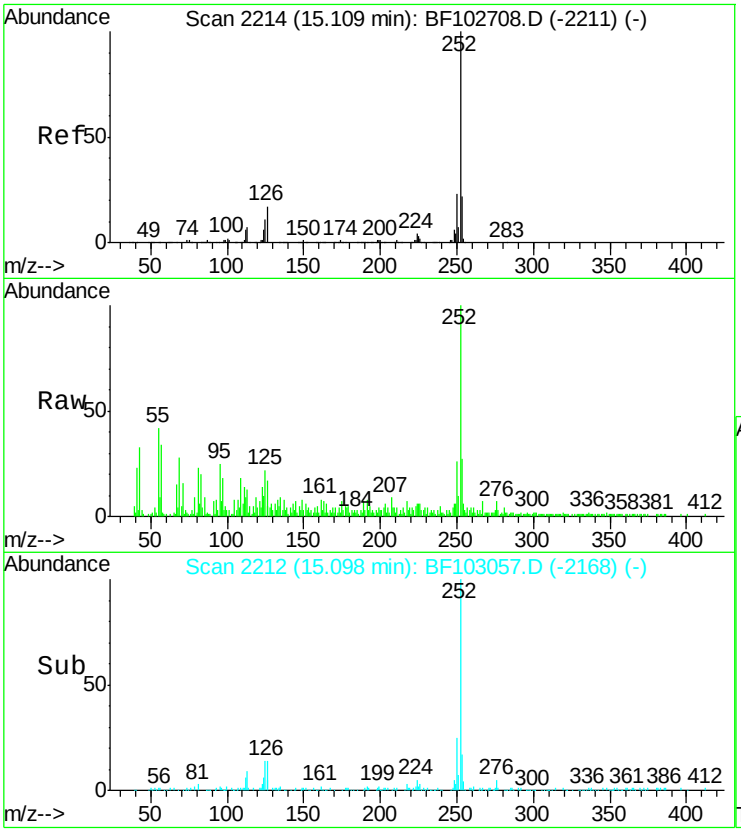


#87
Benzo(b)fluoranthene
Concen: 6.21 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:252 Resp: 97813

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	22.1	9.0	13.6#



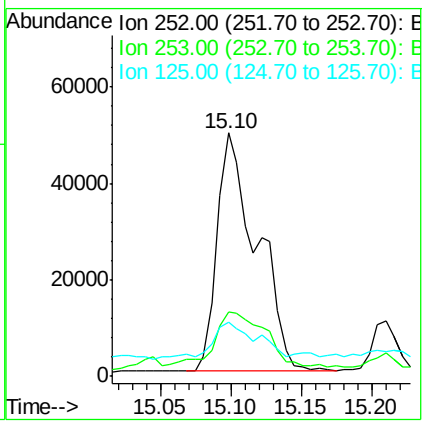


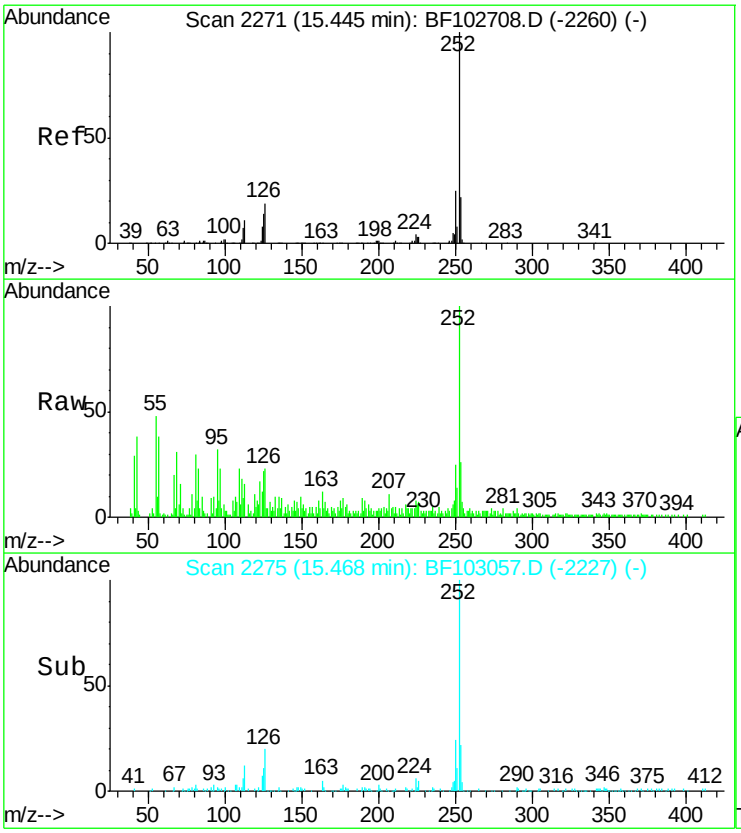
#88
Benzo(k)fluoranthene
Concen: 6.49 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 97685

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	22.1	10.2	15.2#

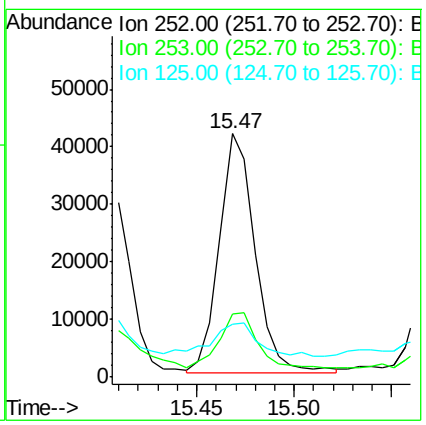


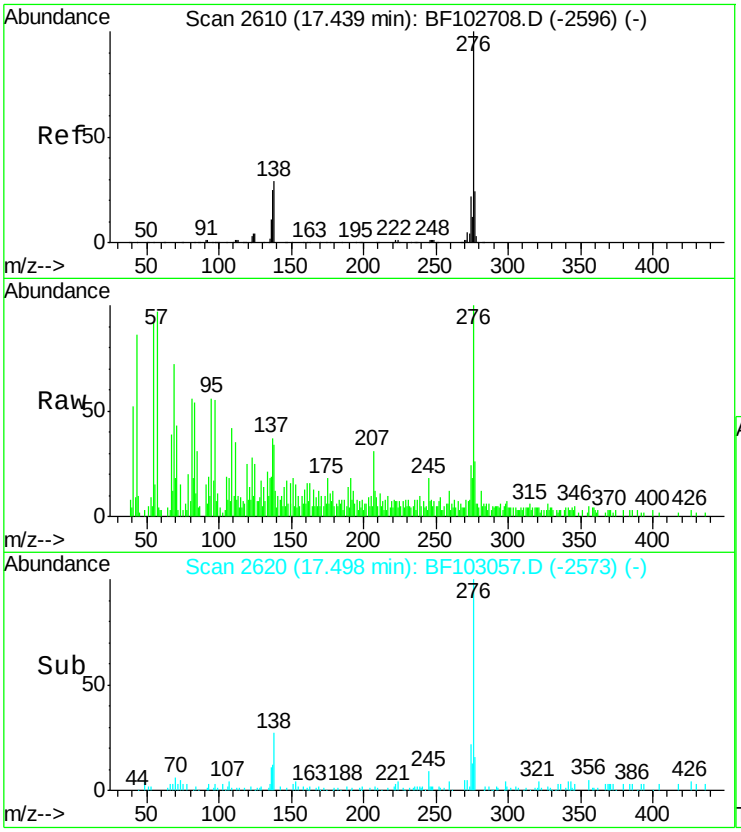


#89
Benzo(a)pyrene
Concen: 3.72 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Tgt Ion:252 Resp: 52671

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	21.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF103057.D
Acq: 16 Feb 2018 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 27371

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	33.5	21.8	32.8#