Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103209.D
Acq On : 26 Feb 2018 11:01
Operator : SJ/JU
Sample : J1640-01RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 26 12:14:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150021	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	648916	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	290700	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	520044	20.00	ng		0.00
75) Chrysene-d12	14.04	240	351408	20.00	ng		0.00
86) Perylene-d12	15.53	264	289020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	24010	2.42	ng		0.01
7) Phenol-d6	6.49	99	396175	32.64	ng		-0.01
23) Nitrobenzene-d5	7.43	82	585697	51.54	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.22	172	977799	52.73	ng		0.00
78) Terphenyl-d14	12.98	244	911176	62.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	460	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.43	70	77299	10.233	ng	#	79
25) Isophorone	7.43	82	585691	26.171	ng	#	64
49) Dimethylphthalate	9.62	163	91857	3.939	ng		98
50) 2,6-Dinitrotoluene	9.90	165	36705	7.500	ng	#	25
56) 2,4-Dinitrotoluene	9.90	165	36699	5.929	ng	#	23
70) Phenanthrene	11.42	178	102557	3.583	ng		98
74) Fluoranthene	12.61	202	169700	5.901	ng		99
77) Pyrene	12.84	202	170855	6.236	ng		100
80) Benzo(a)anthracene	14.03	228	61054	2.678	ng		99
82) Chrysene	14.07	228	63890	2.886	ng		96
87) Benzo(b)fluoranthene	15.10	252	91358	4.808	ng	#	92
88) Benzo(k)fluoranthene	15.10	252	91358	5.105	ng	#	95
89) Benzo(a)pyrene	15.47	252	44397	2.616	ng	#	91
91) Benzo(g,h,i)perylene	17.50	276	32593	2.543	ng		95

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

Quantitation Report (Not Reviewed)

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Misc :
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BNA_F
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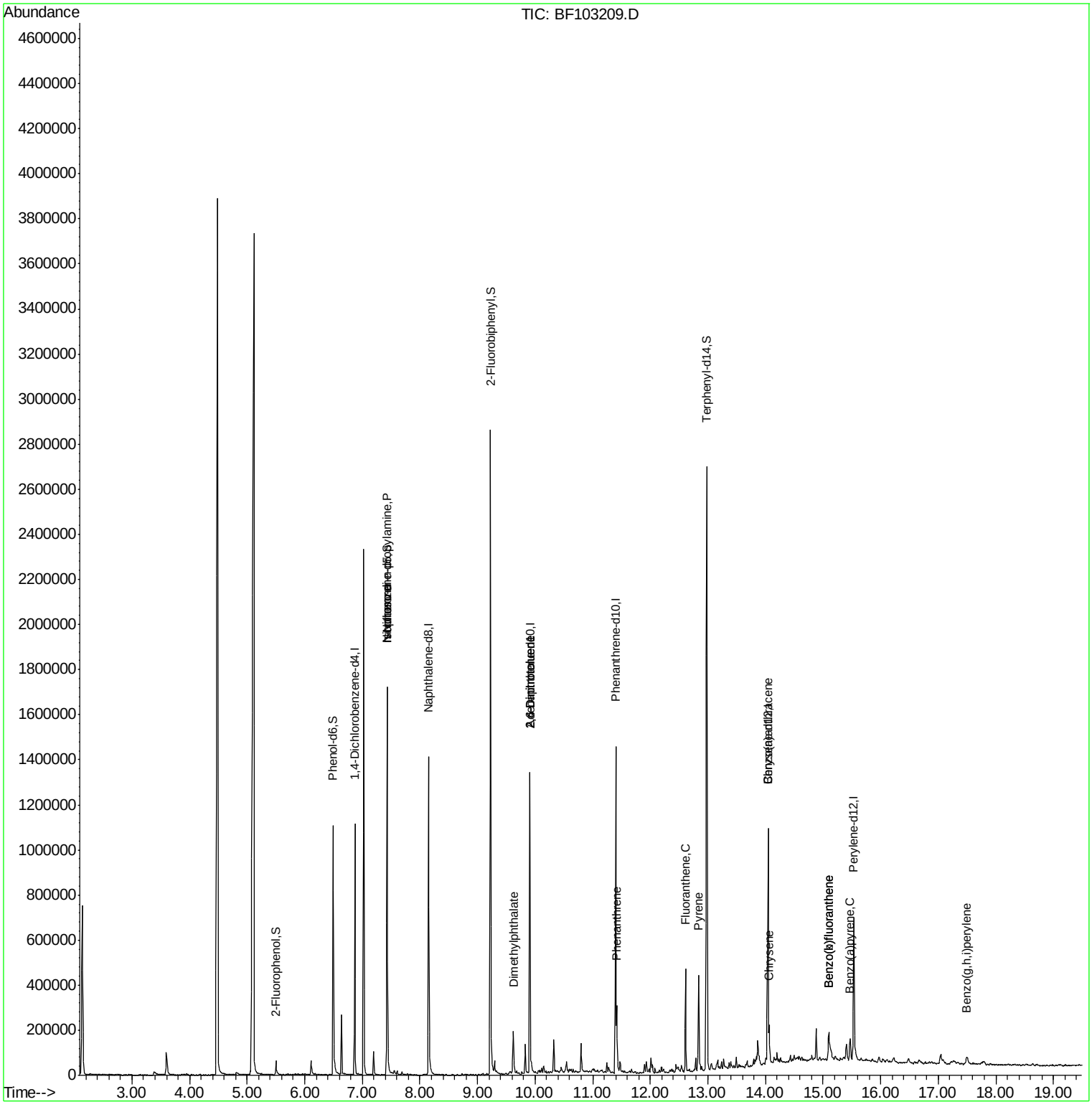
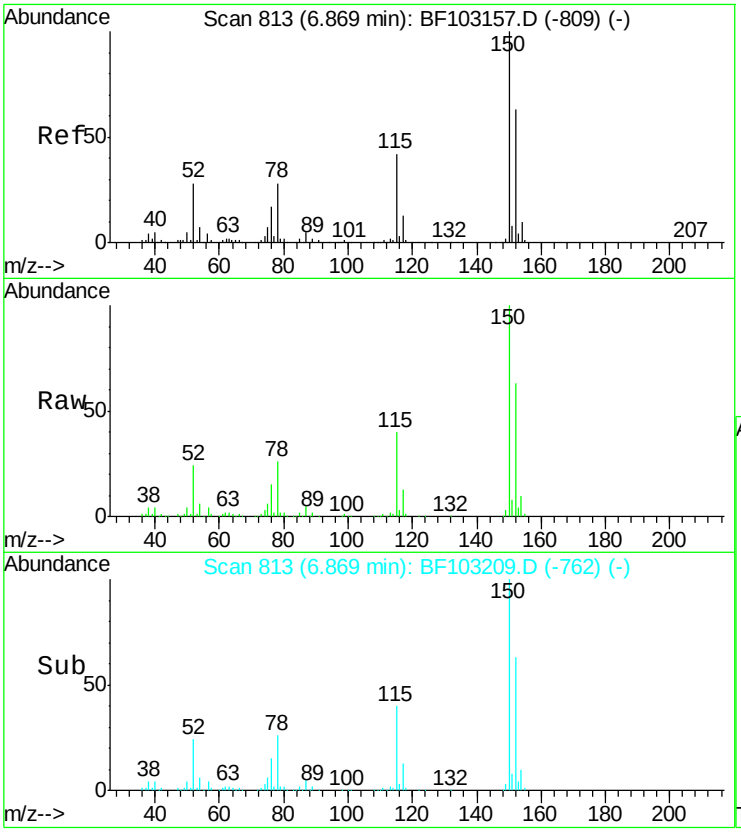


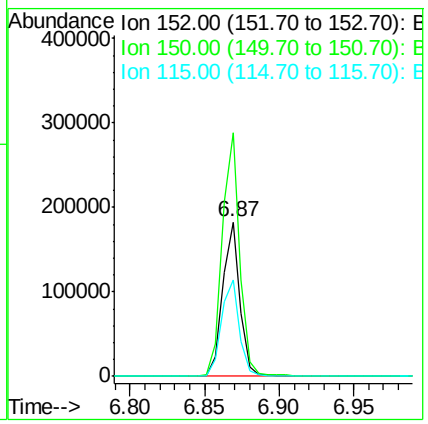


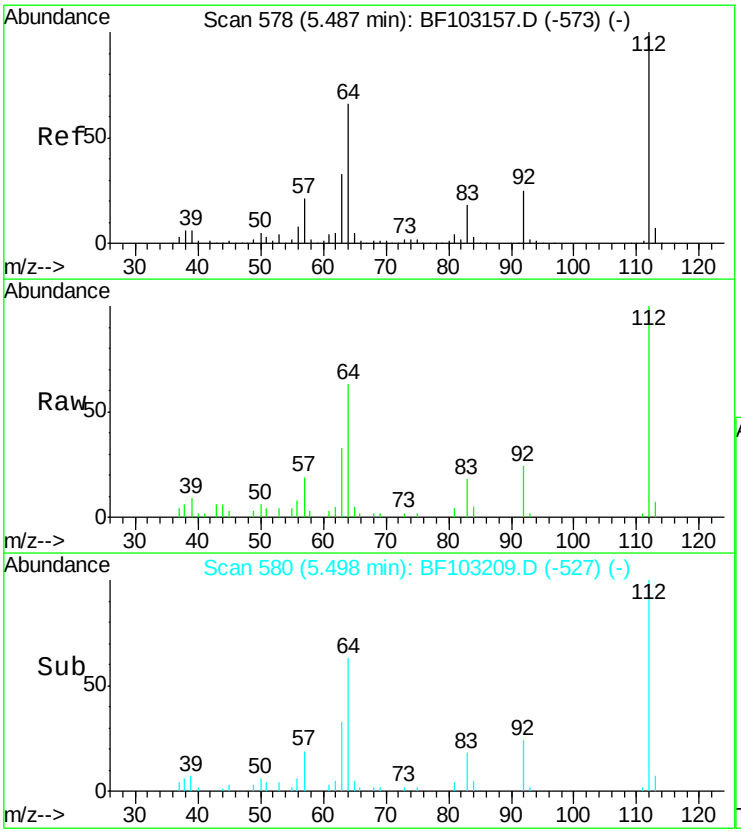
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150021

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.5	50.1	75.1

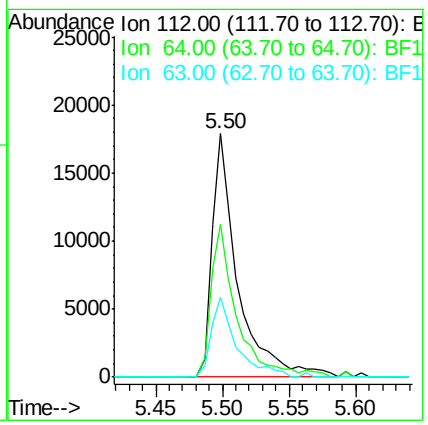


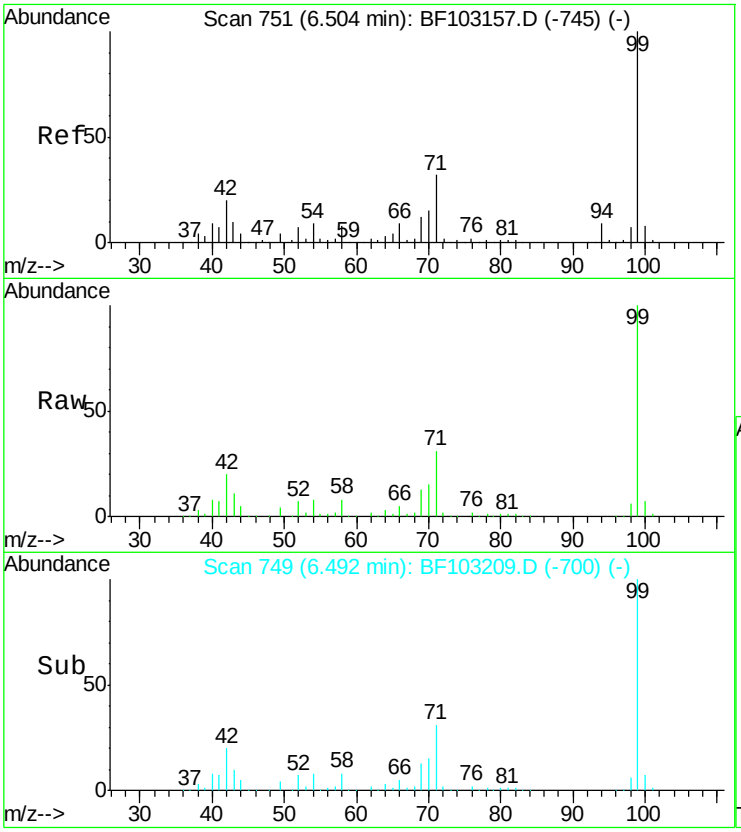


#5
2-Fluorophenol
Concen: 2.421 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:112 Resp: 24010

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	33.0	23.7	35.5



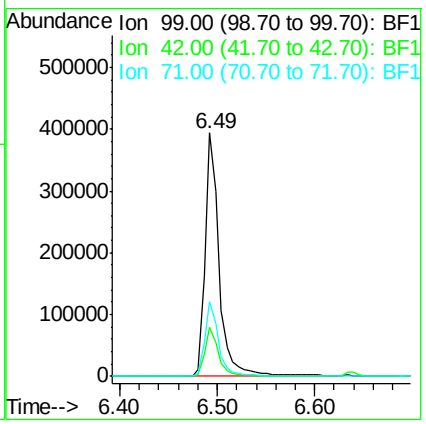


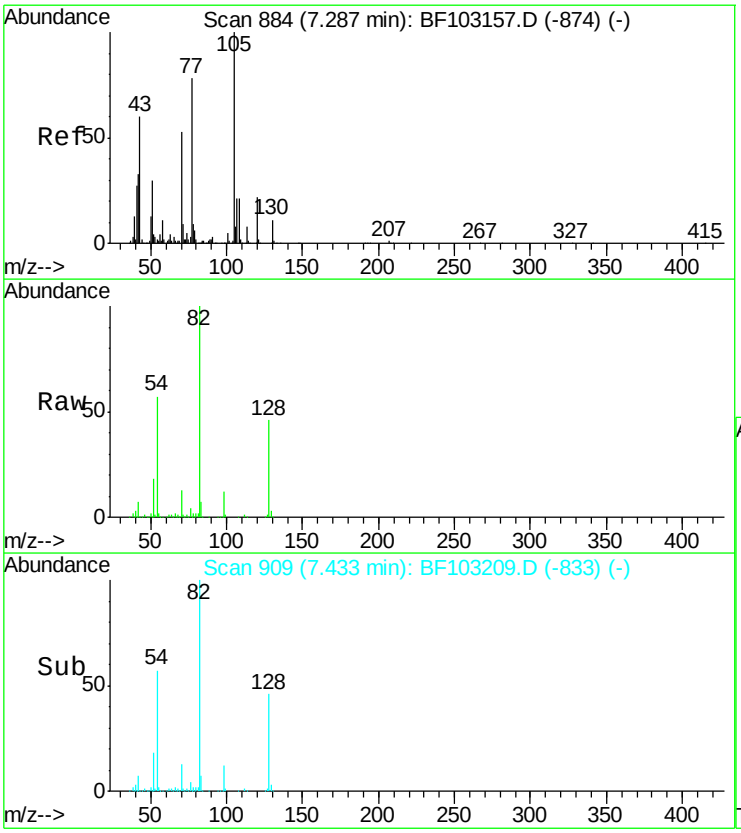
#7
Phenol-d6
Concen: 32.640 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 396175

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	30.7	25.4	38.0

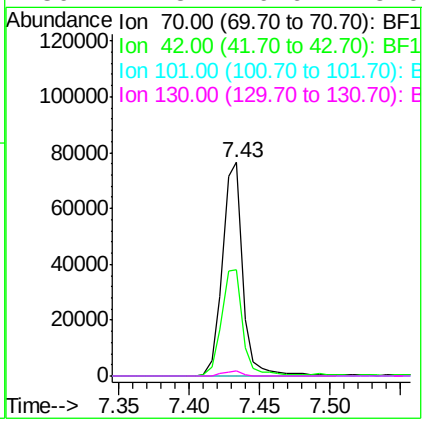


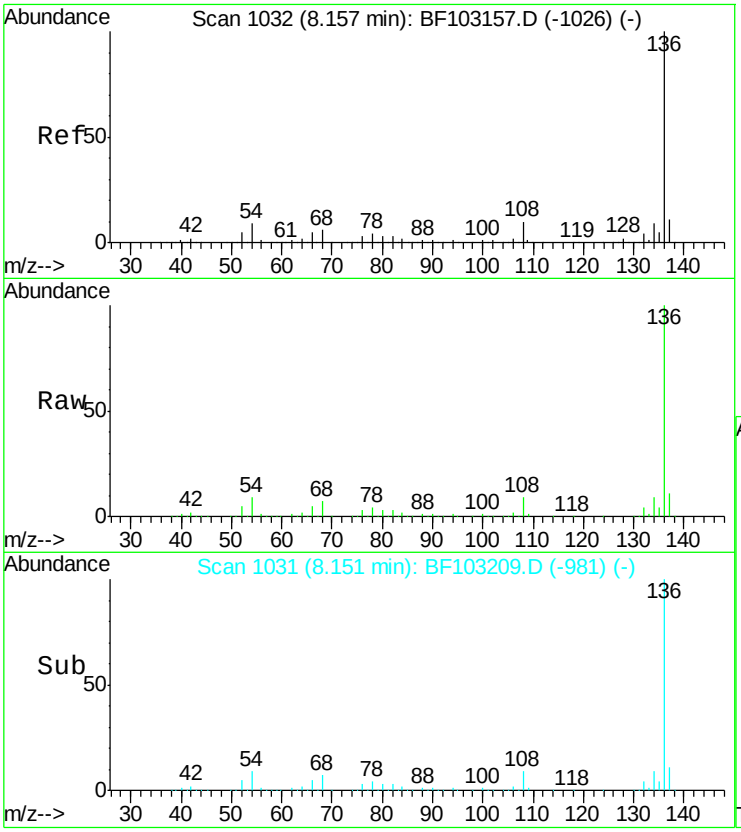


#19
n-Nitroso-di-n-propylamine
Concen: 10.233 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion: 70 Resp: 77299

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



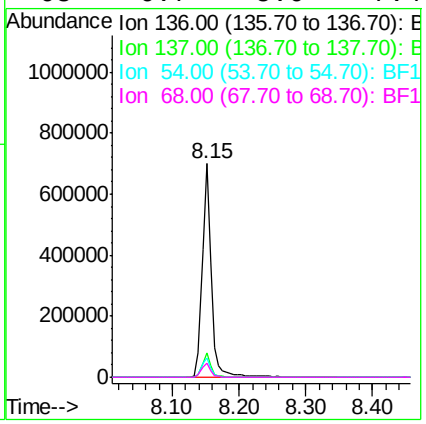


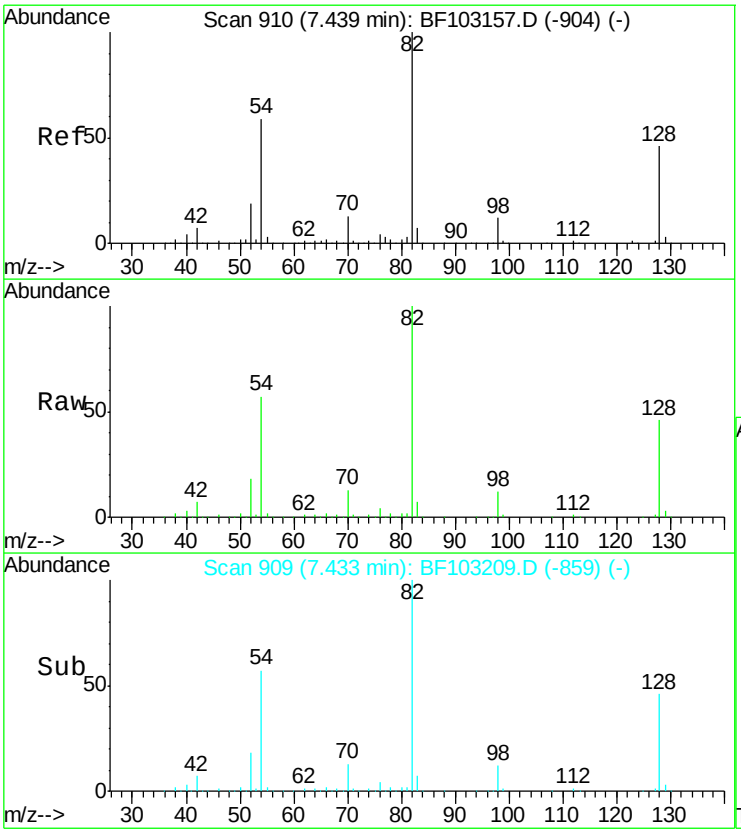
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 648916

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.0	6.6	9.8
68	6.7	5.0	7.4

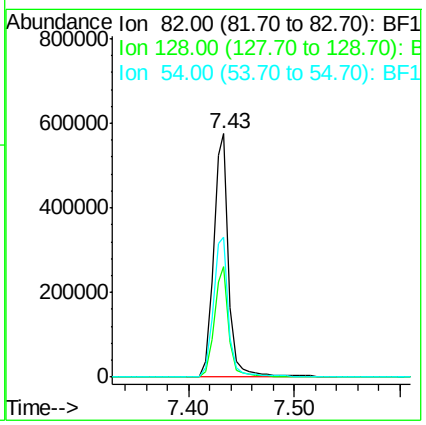


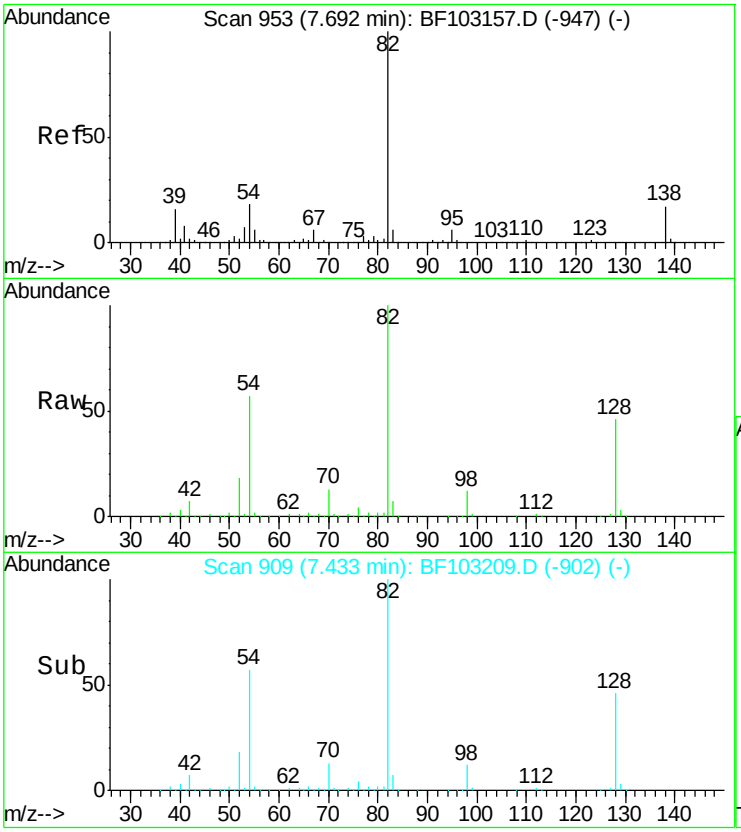


#23
Nitrobenzene-d5
Concen: 51.545 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion: 82 Resp: 585697

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	57.5	41.4	62.2



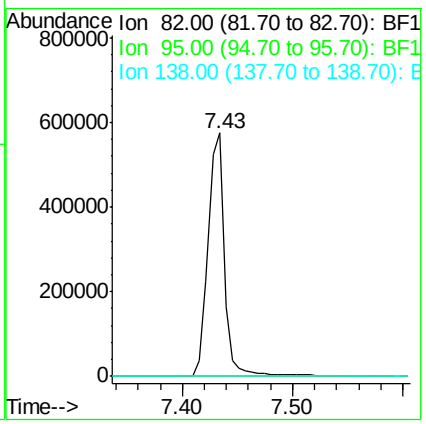


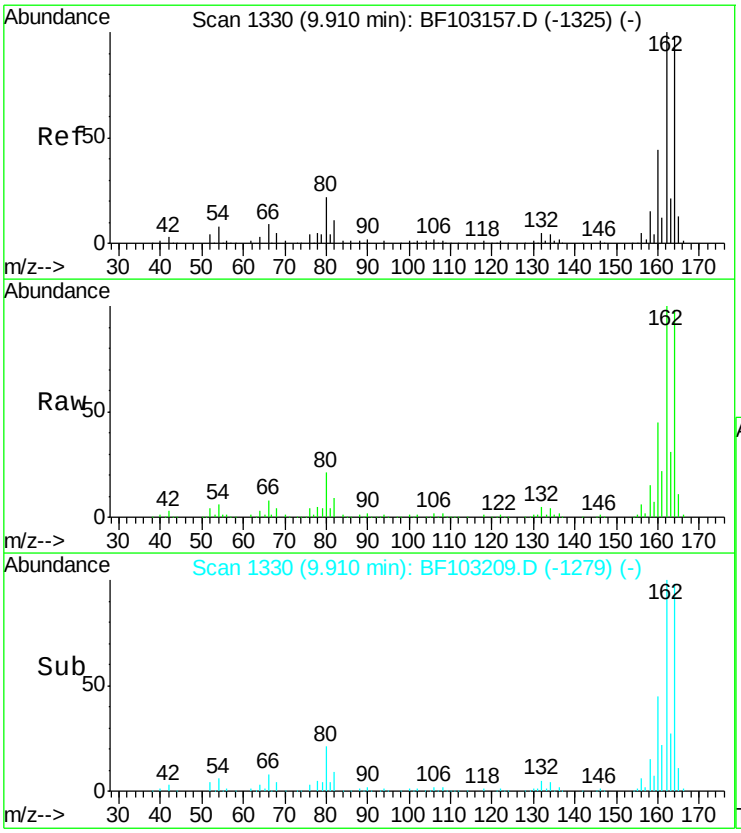
#25
Isophorone
Concen: 26.171 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 585691

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

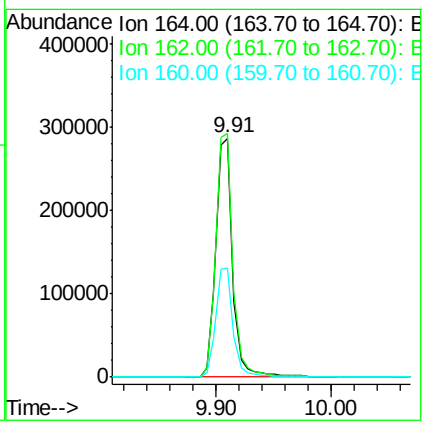


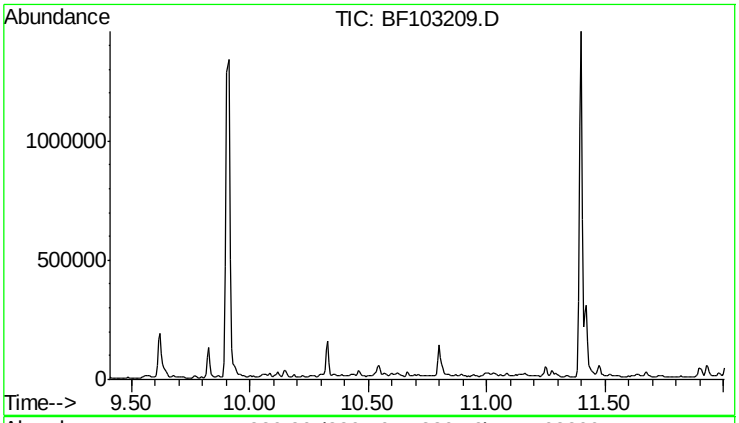


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:164 Resp: 290700

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	46.0	38.3	57.5





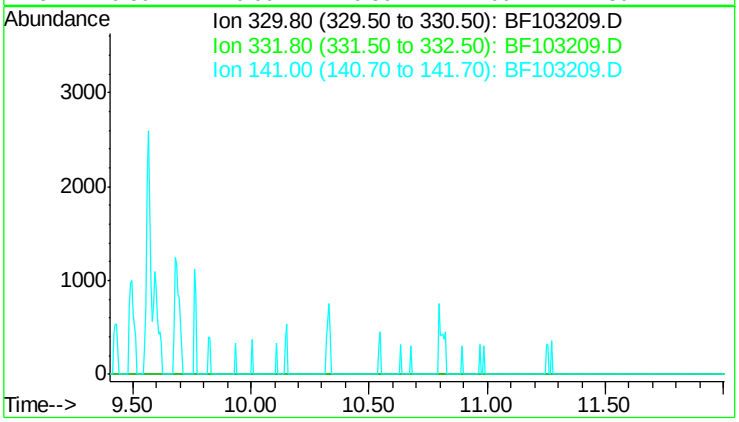
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

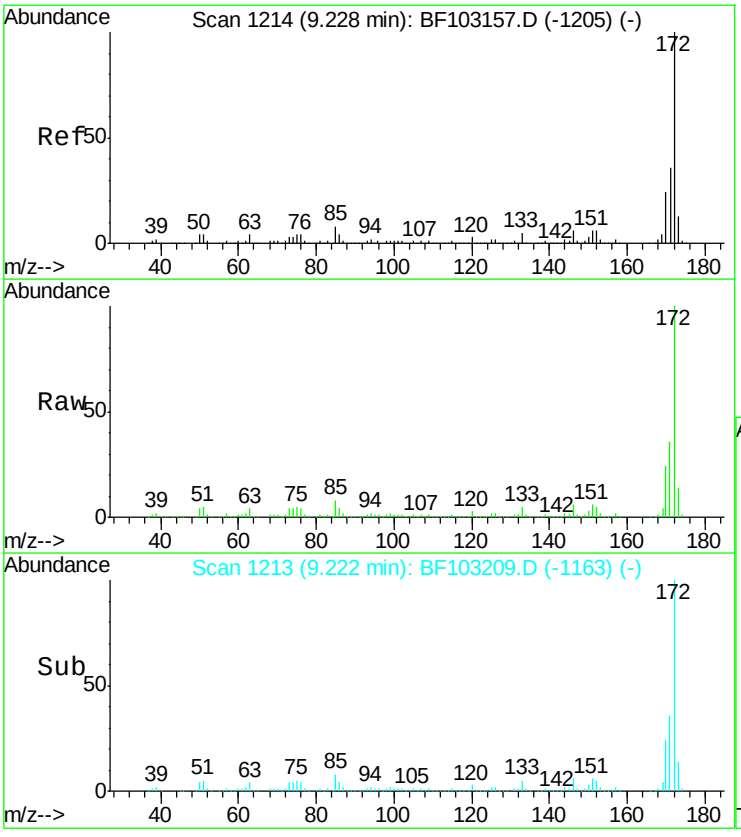
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

Instrument :
BNA_F
ClientSampleId :

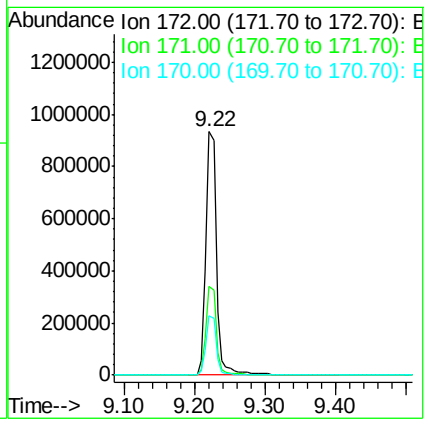


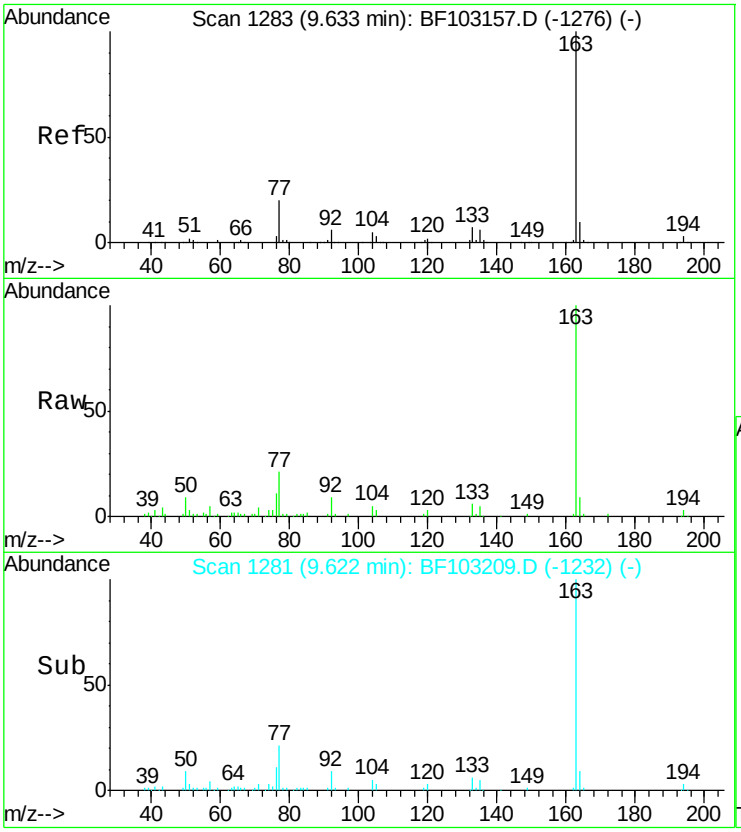


#44
2-Fluorobiphenyl
Concen: 52.730 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:172 Resp: 977799

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



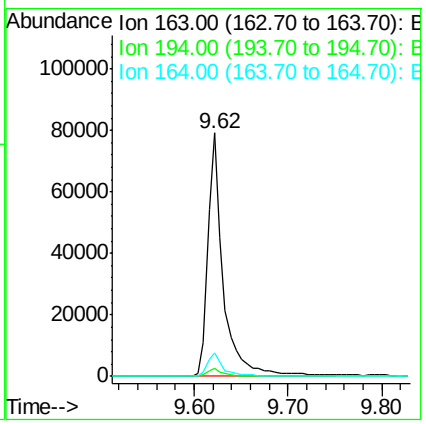


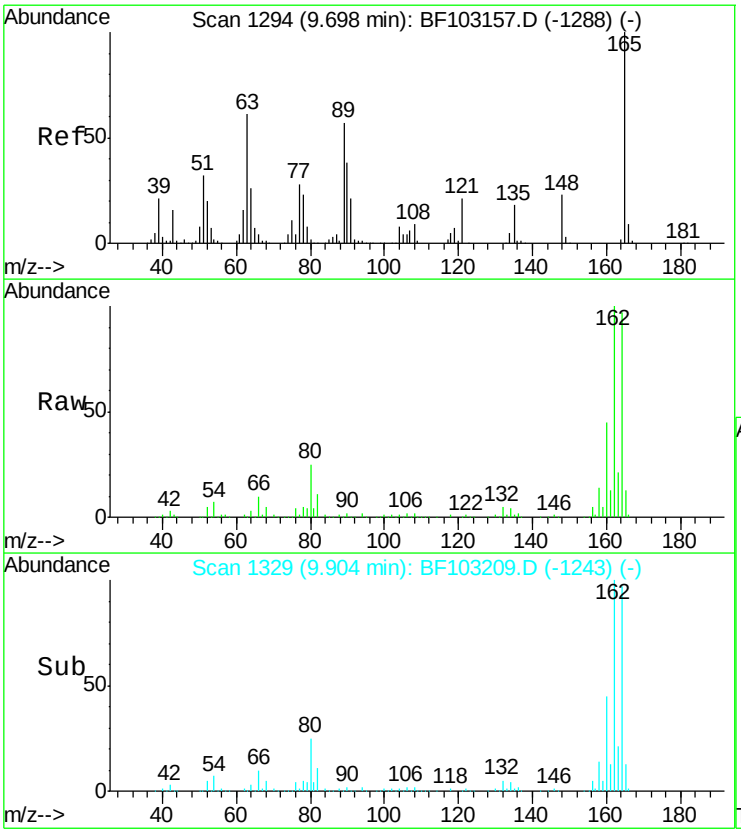
#49
Dimethylphthalate
Concen: 3.939 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 91857

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

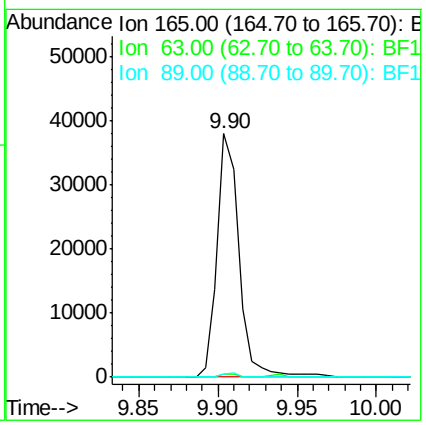


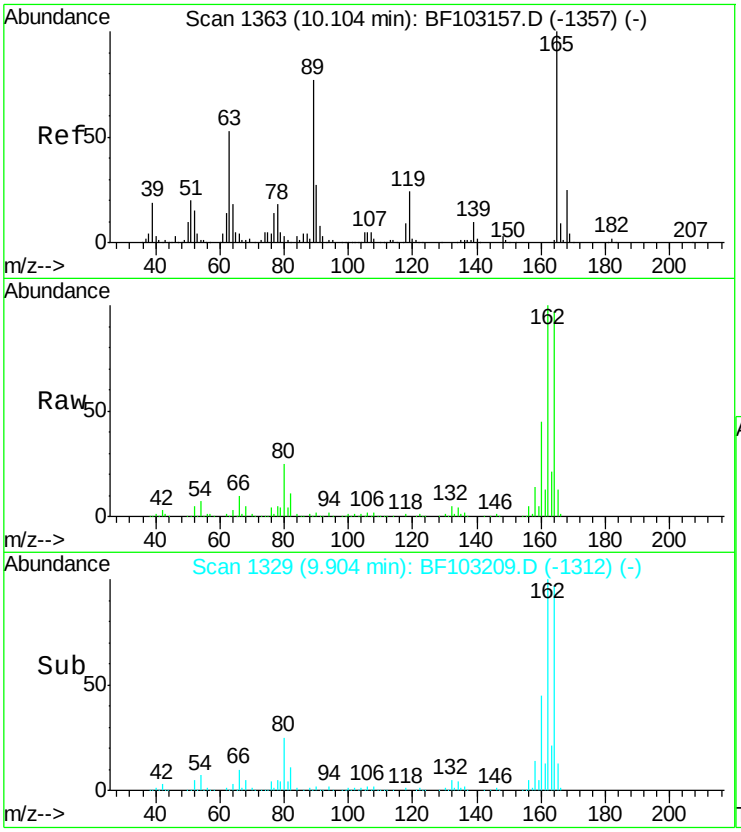


#50
2,6-Dinitrotoluene
Concen: 7.500 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:165 Resp: 36705

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.1	44.0	66.0#



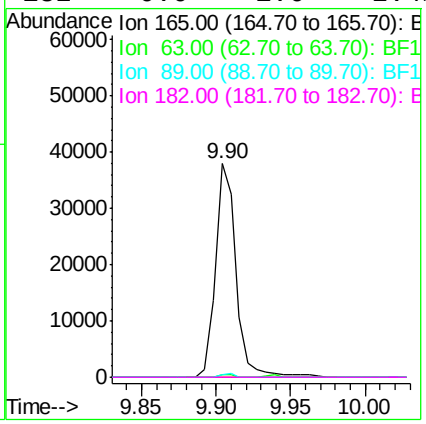


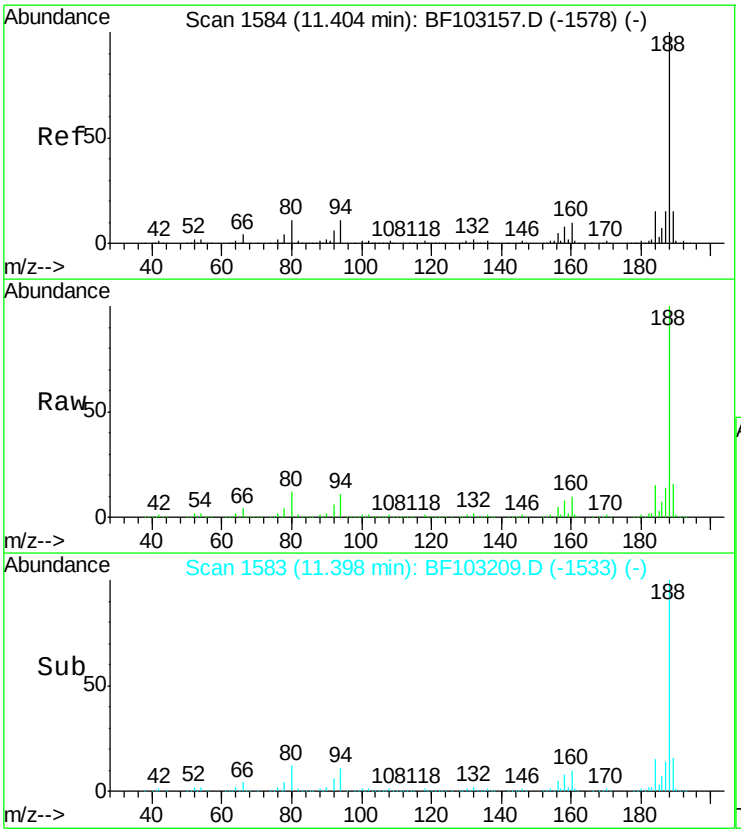
#56
2,4-Dinitrotoluene
Concen: 5.929 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.20 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36699

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

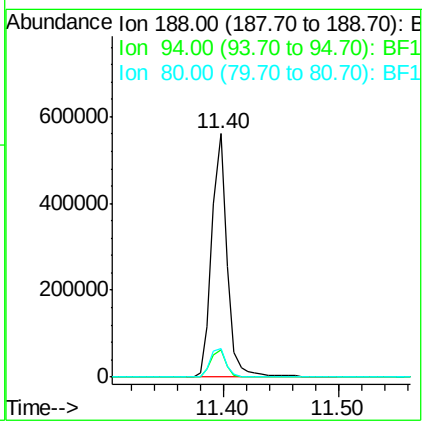


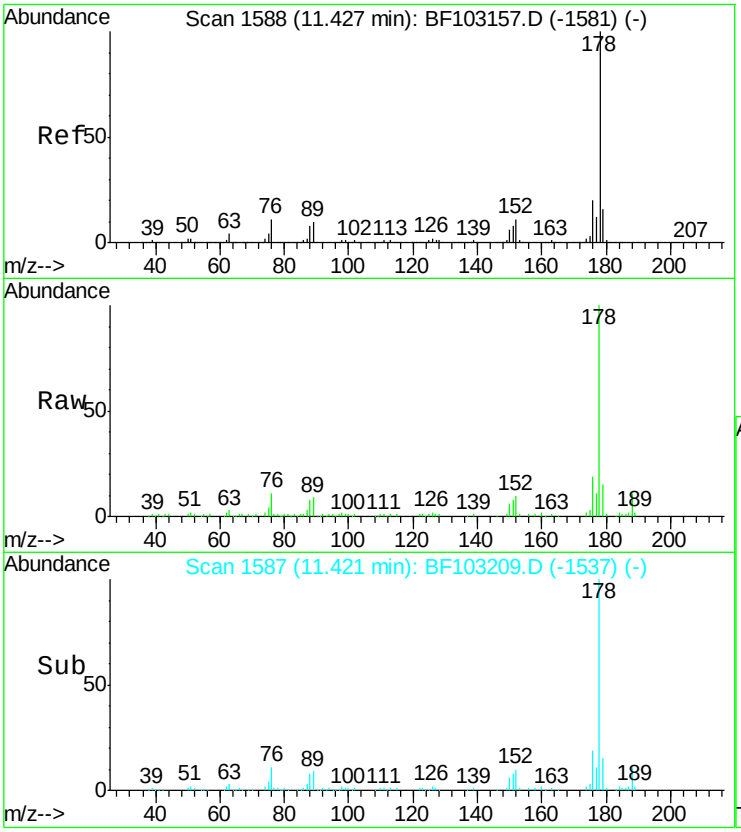


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:188 Resp: 520044

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.9	9.2	13.8



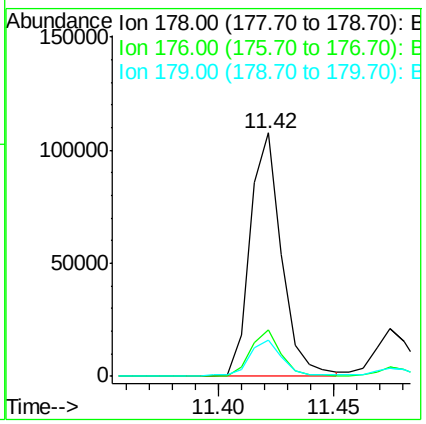


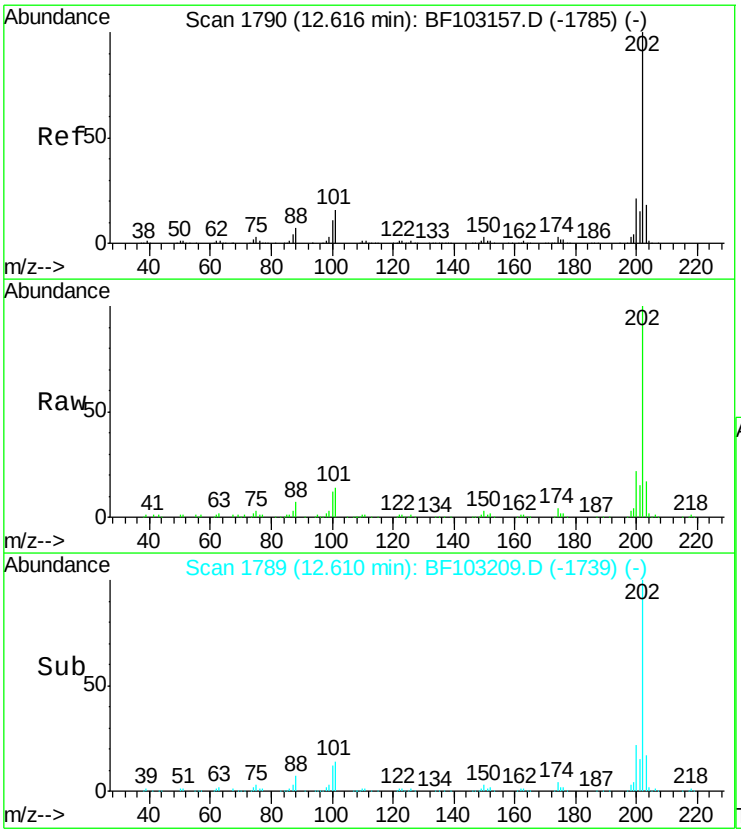
#70
Phenanthrene
Concen: 3.583 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 102557

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.1	13.0	19.6

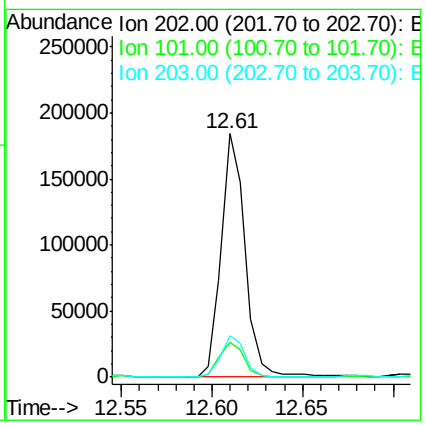


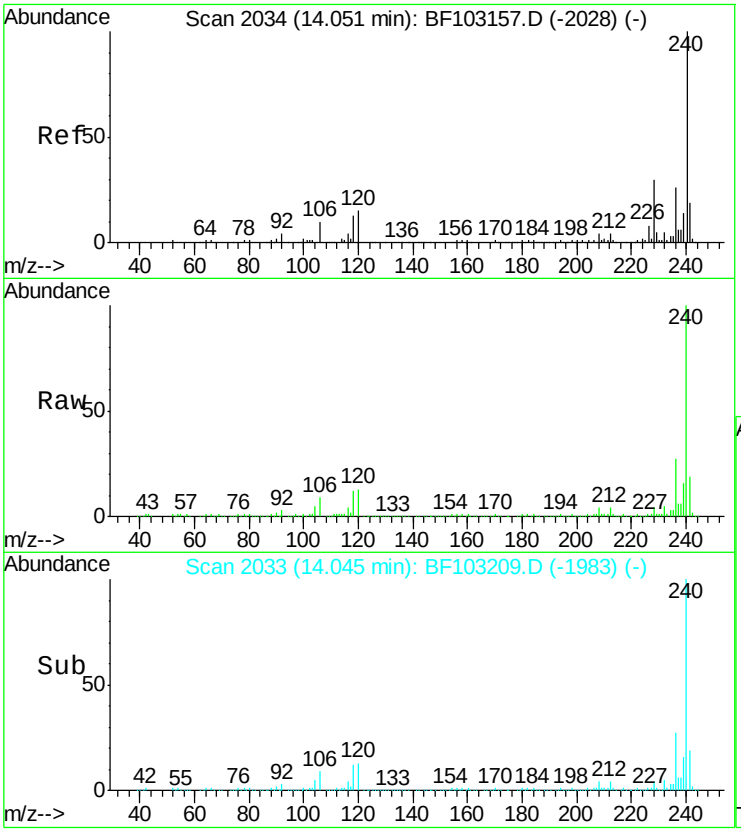


#74
Fluoranthene
Concen: 5.901 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:202 Resp: 169700

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.2	0.0	38.1



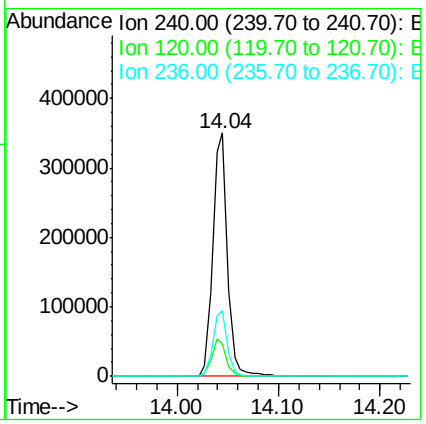


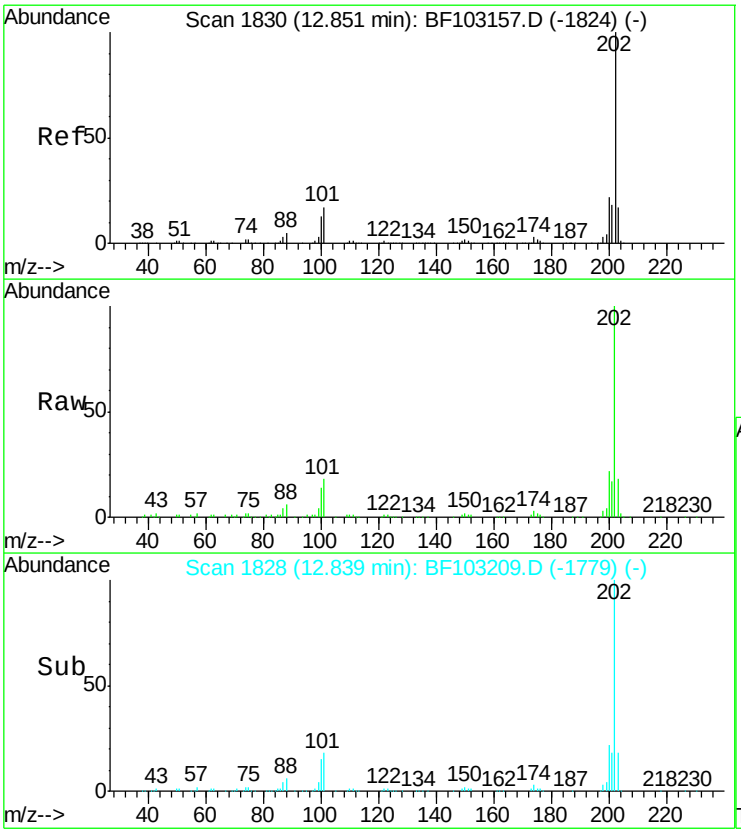
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 351408

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	27.2	20.7	31.1

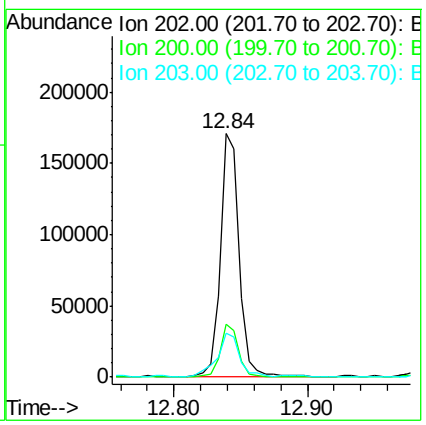


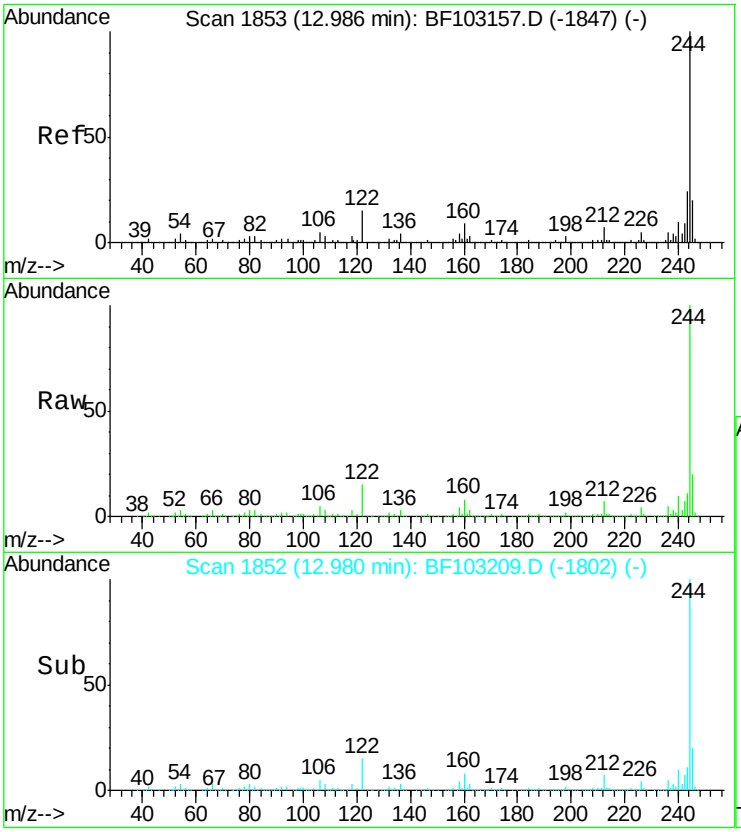


#77
Pyrene
Concen: 6.236 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:202 Resp: 170855

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.2	14.3	21.5



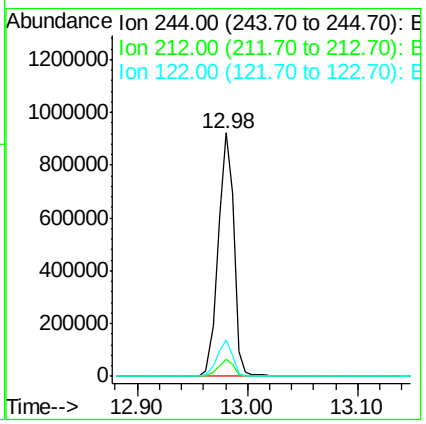


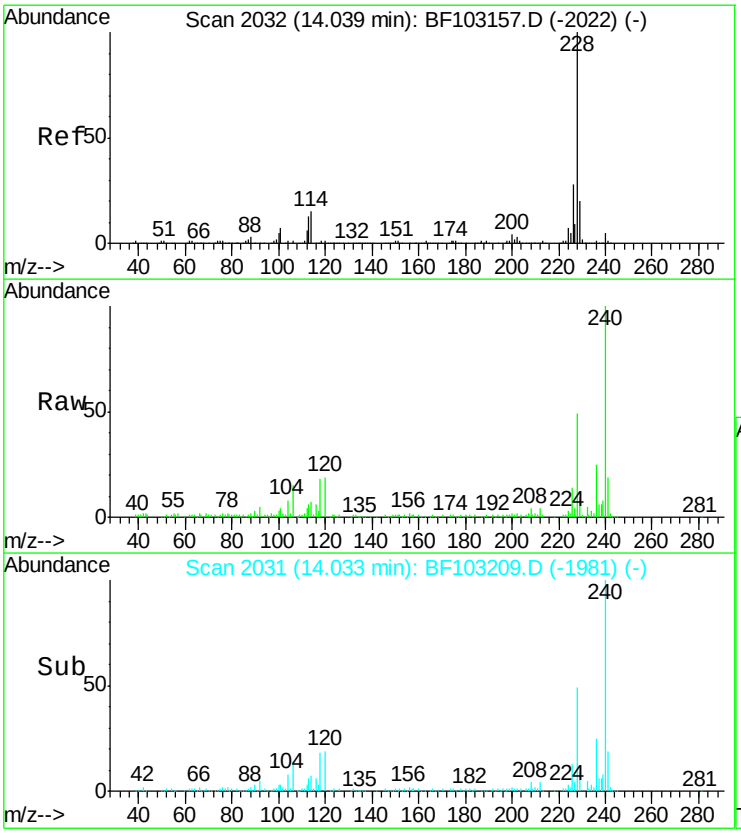
#78
Terphenyl-d14
Concen: 62.331 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 911176

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.8	11.0	16.4

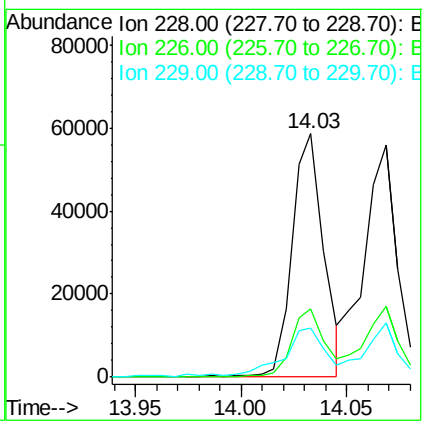


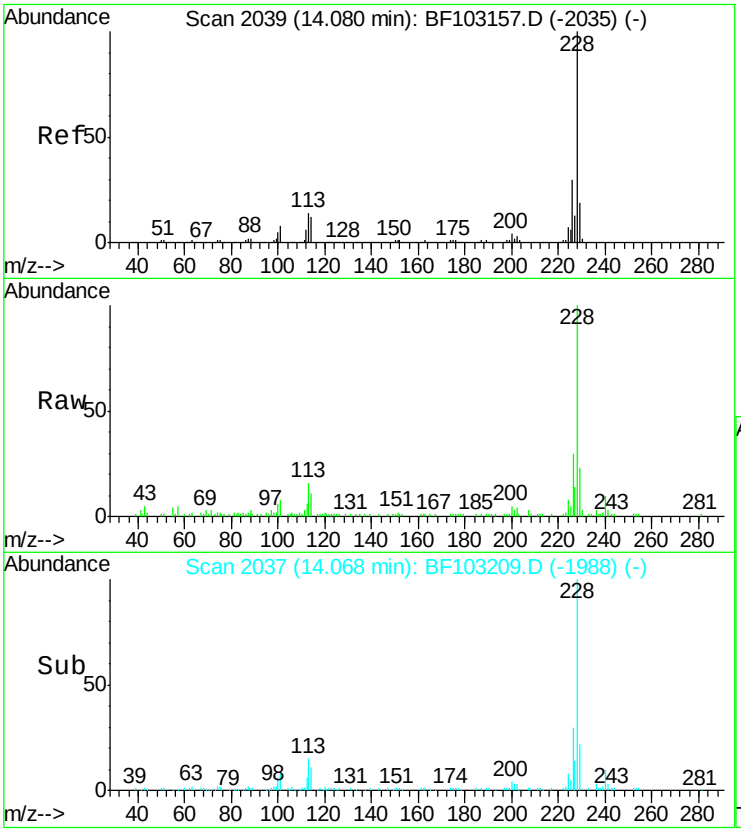


#80
Benzo(a)anthracene
Concen: 2.678 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:228 Resp: 61054

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6



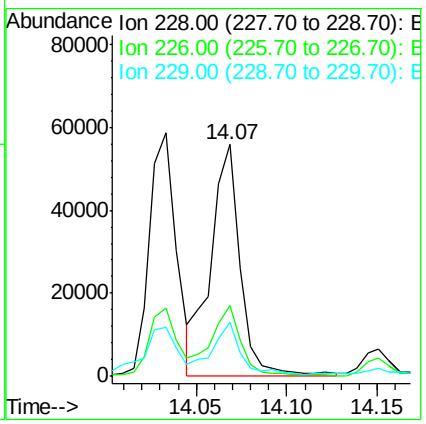


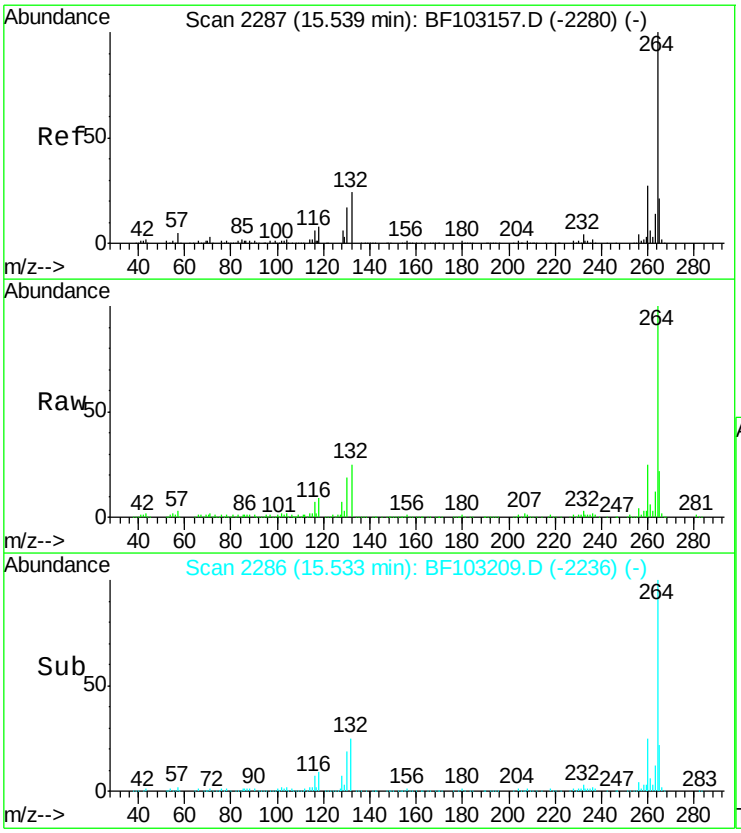
#82
Chrysene
Concen: 2.886 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 63890

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.3	16.2	24.4

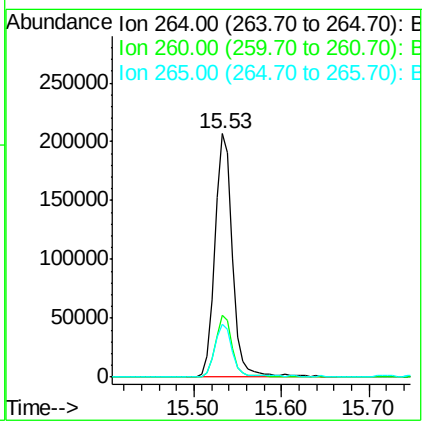


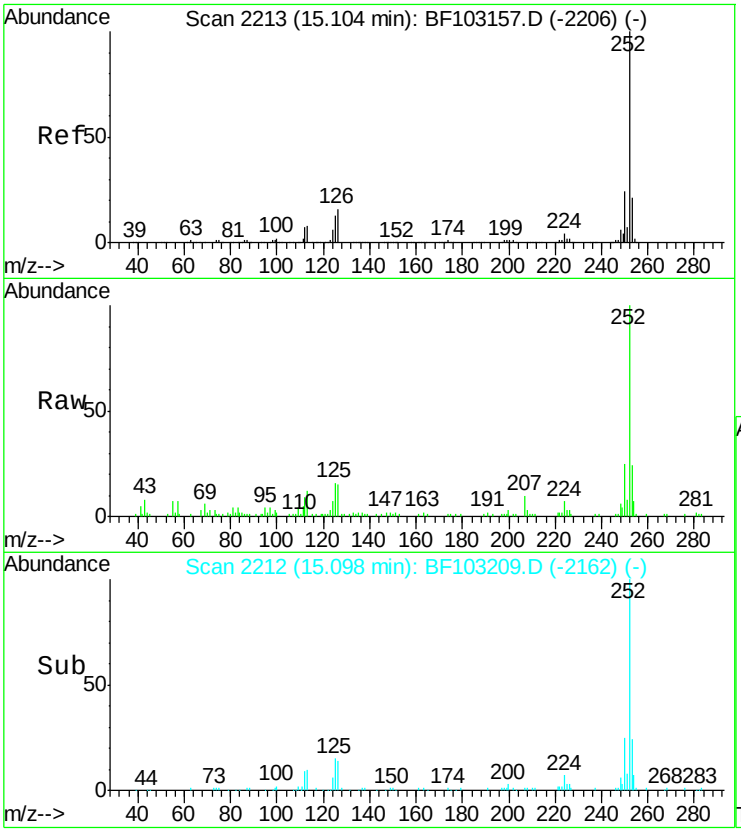


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:264 Resp: 289020

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.5	17.5	26.3



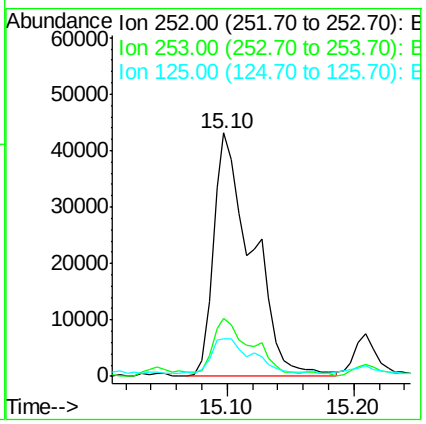


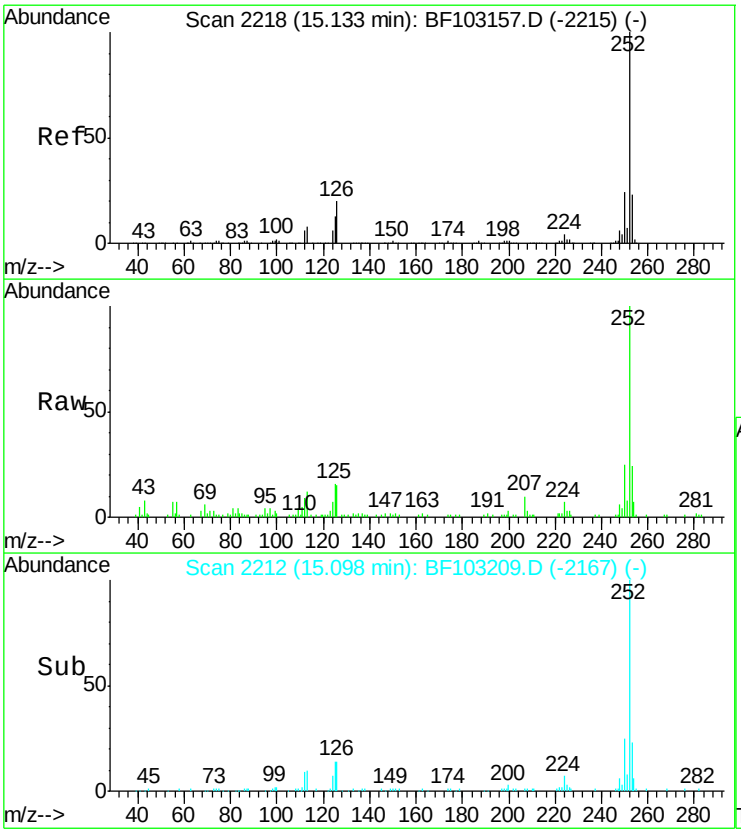
#87
Benzo(b)fluoranthene
Concen: 4.808 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91358

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	15.6	9.0	13.6#

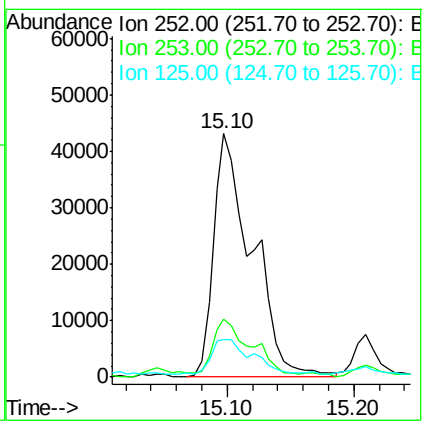


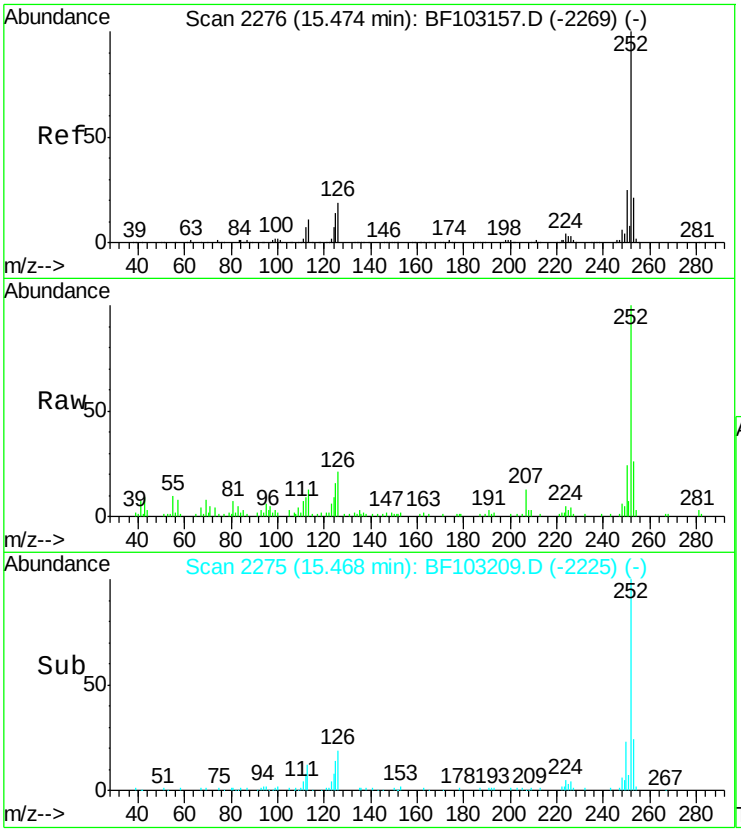


#88
Benzo(k)fluoranthene
Concen: 5.105 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:252 Resp: 91358

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	15.6	10.2	15.2#



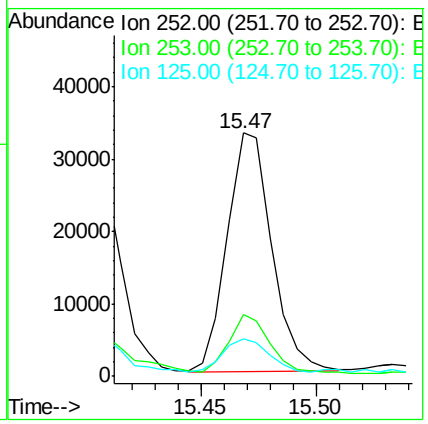


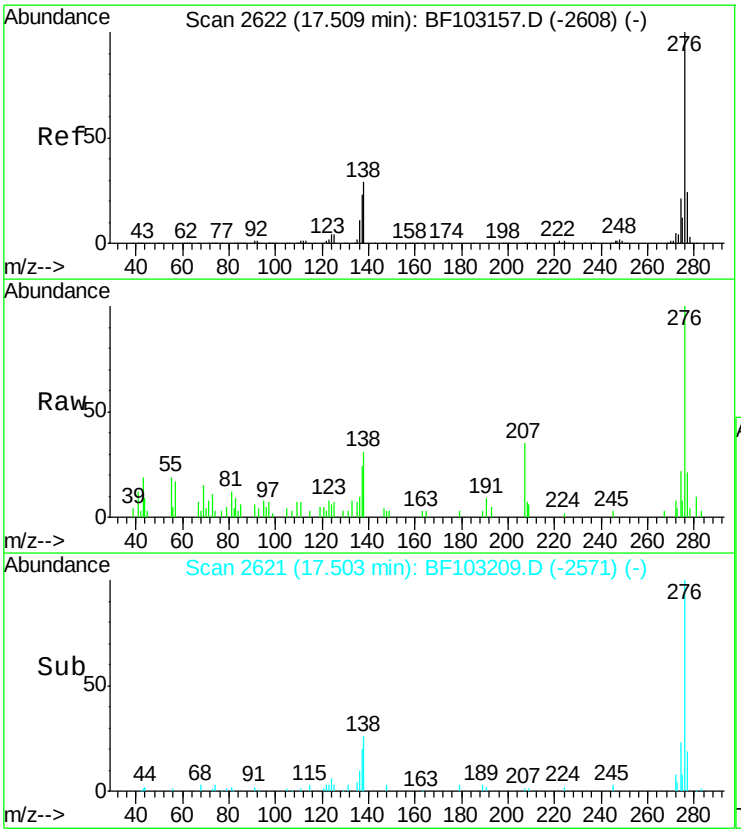
#89
Benzo(a)pyrene
Concen: 2.616 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44397

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	15.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.543 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF103209.D
Acq: 26 Feb 2018 11:01

Tgt Ion:276 Resp: 32593

Ion	Ratio	Lower	Upper
276	100		
277	21.0	17.9	26.9
138	30.8	21.8	32.8