Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109230.D
Acq On : 22 Sep 2018 19:14
Operator : JU/SJ
Sample : J4777-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 06:50:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	122917	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	466204	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	215138	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	364926	20.00	ng		0.00
75) Chrysene-d12	13.83	240	249445	20.00	ng		-0.01
86) Perylene-d12	15.23	264	251293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	127810	17.13	ng		-0.02
7) Phenol-d6	6.33	99	166040	17.44	ng		-0.03
23) Nitrobenzene-d5	7.26	82	98990	12.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	32611	15.38	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	191776	13.44	ng		-0.02
78) Terphenyl-d14	12.79	244	134181	13.20	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	13104	2.100	ng	#	78
25) Isophorone	7.26	82	79948	5.622	ng	#	64
49) Dimethylphthalate	9.45	163	47950	3.064	ng		99
50) 2,6-Dinitrotoluene	9.73	165	26964	8.701	ng	#	25
56) 2,4-Dinitrotoluene	9.73	165	26964	6.876	ng	#	23
70) Phenanthrene	11.23	178	91857	5.041	ng		97
74) Fluoranthene	12.42	202	109179	5.607	ng		96
77) Pyrene	12.64	202	173347	9.696	ng		99
80) Benzo(a)anthracene	13.82	228	56165	3.738	ng		95
82) Chrysene	13.86	228	74644	5.012	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	27545	2.282	ng	#	91
87) Benzo(b)fluoranthene	14.84	252	85369	6.182	ng	#	89
88) Benzo(k)fluoranthene	14.84	252	85369	6.515	ng	#	92
89) Benzo(a)pyrene	15.17	252	57561	4.626	ng		97
91) Benzo(g,h,i)perylene	16.97	276	32656	3.255	ng	#	90

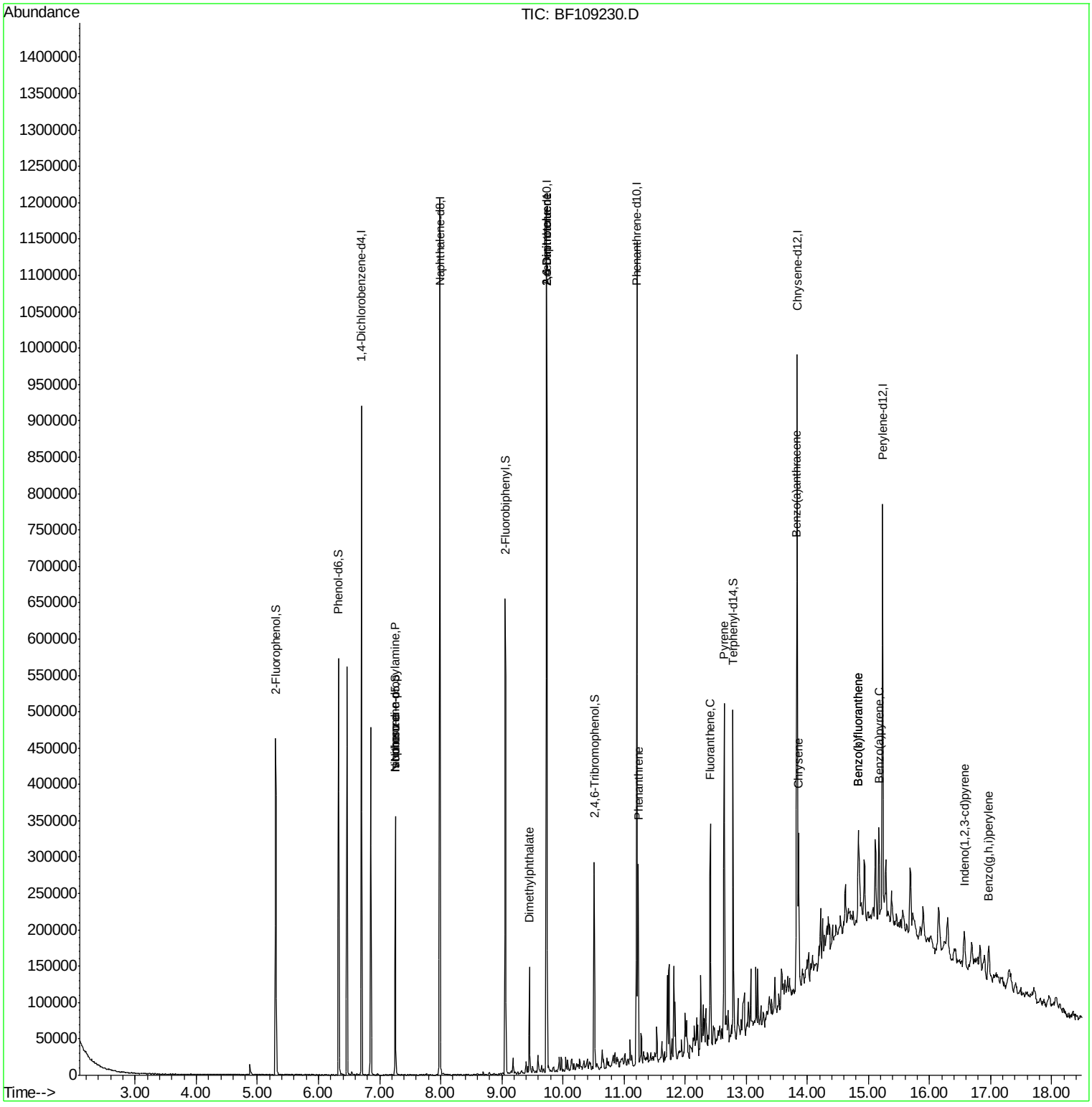
(#) = qualifier out of range (m) = manual integration (+) = signals summed

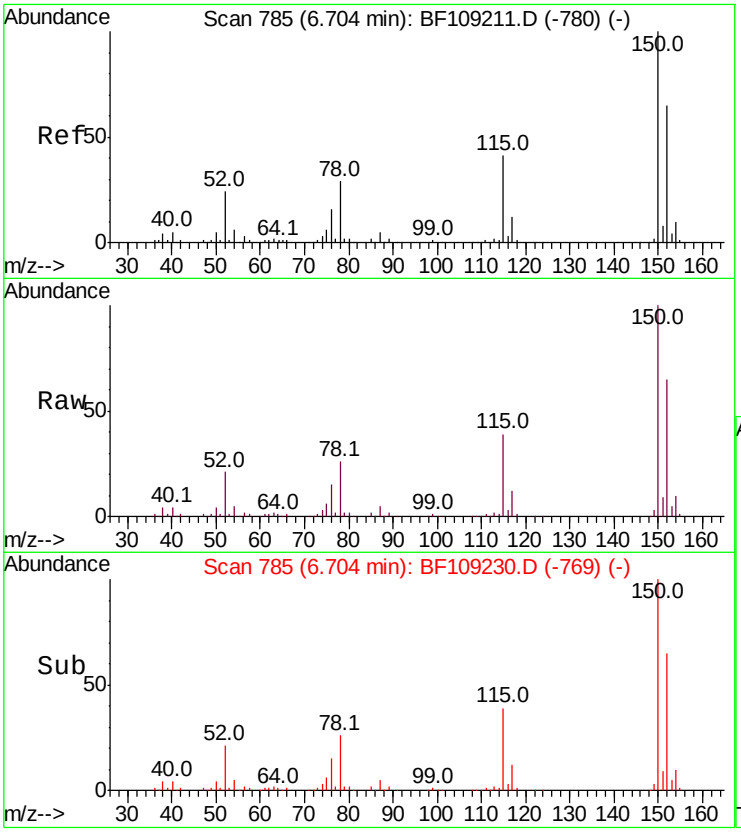
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109230.D
Acq On : 22 Sep 2018 19:14
Operator : JU/SJ
Sample : J4777-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 24 06:50:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



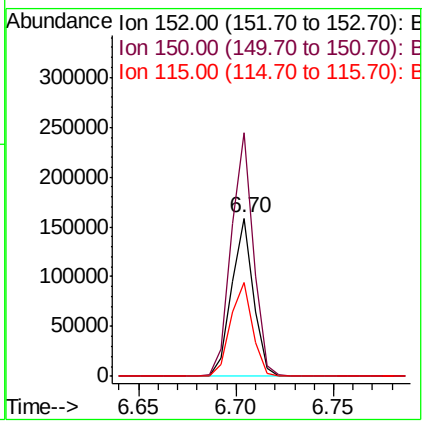


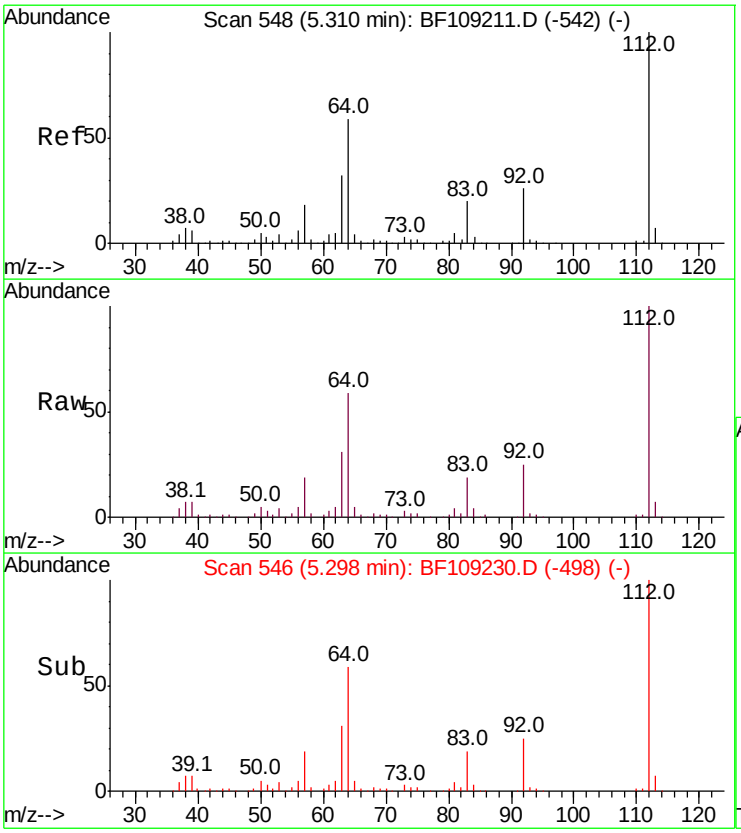
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122917

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.4	50.1	75.1

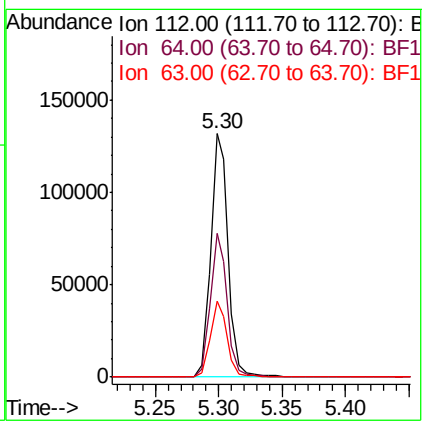


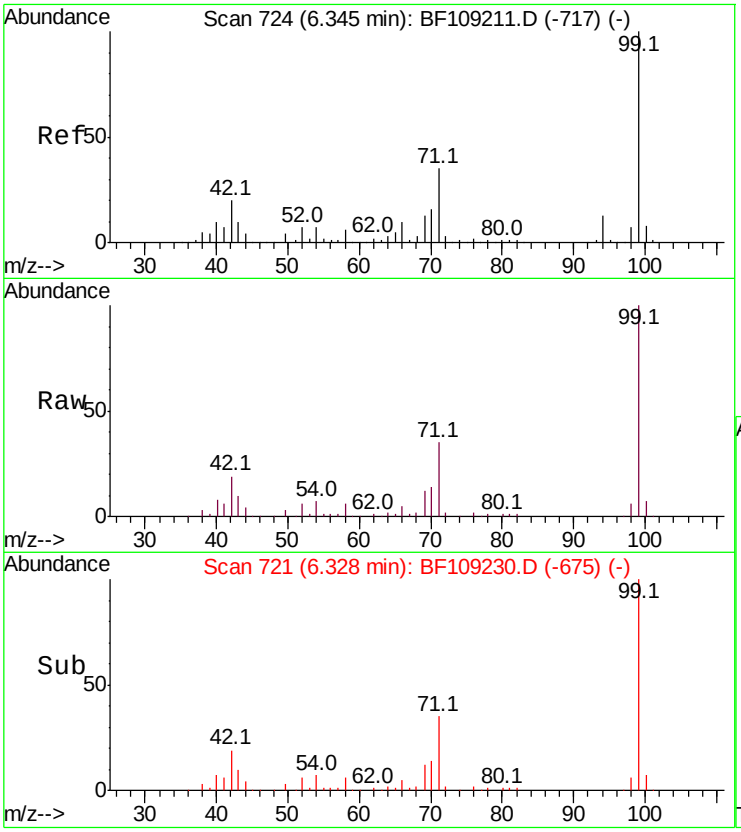


#5
2-Fluorophenol
Concen: 17.126 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:112 Resp: 127810

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.4	23.7	35.5



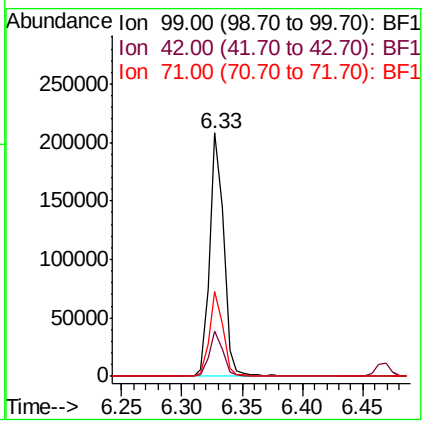


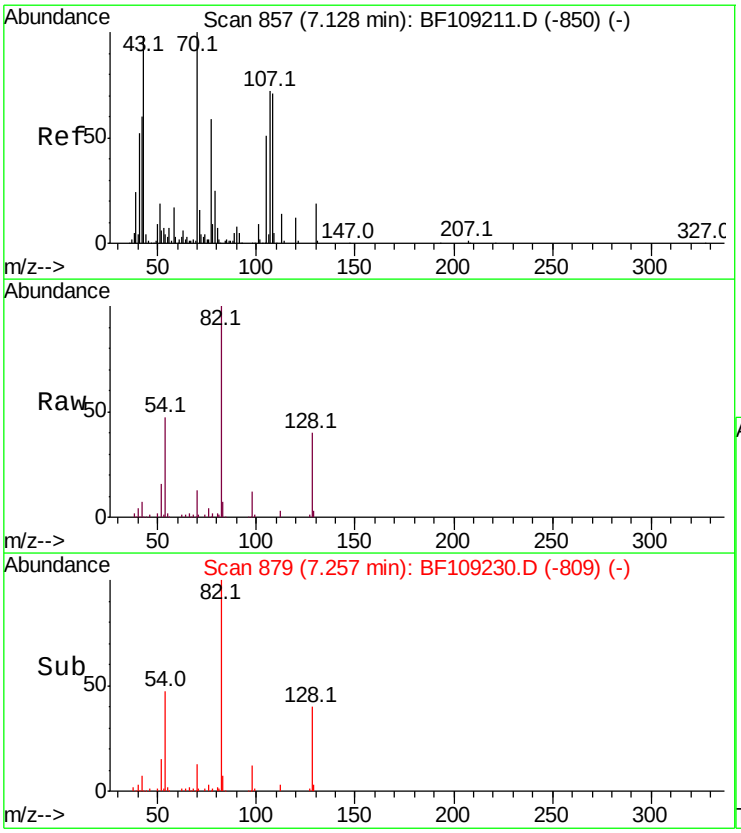
#7
Phenol-d6
Concen: 17.436 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 166040

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.8	25.4	38.0

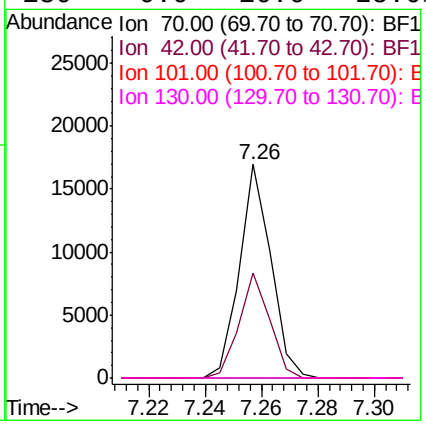


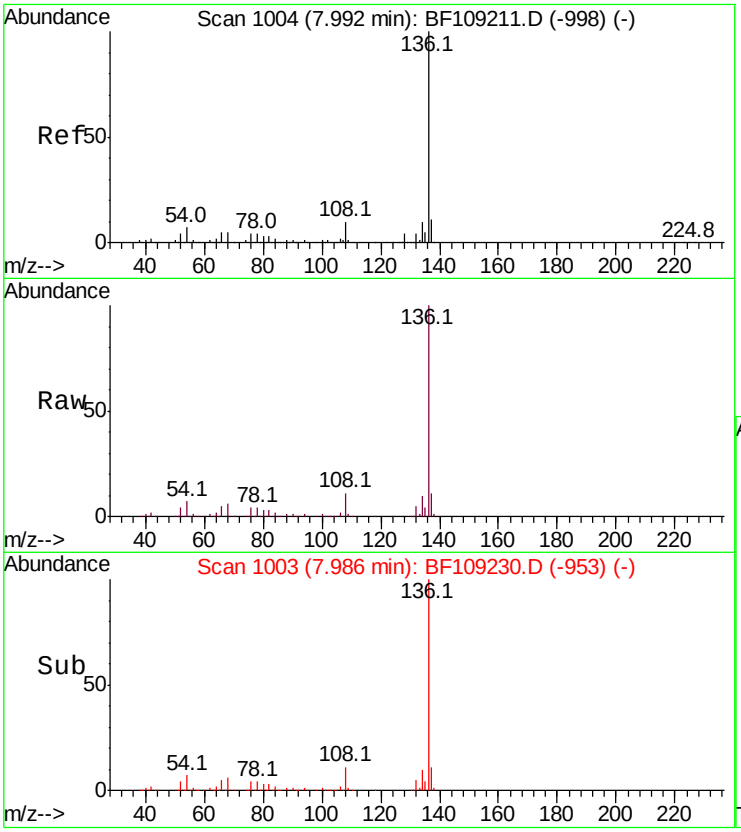


#19
n-Nitroso-di-n-propylamine
Concen: 2.100 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.11 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion: 70 Resp: 13104

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



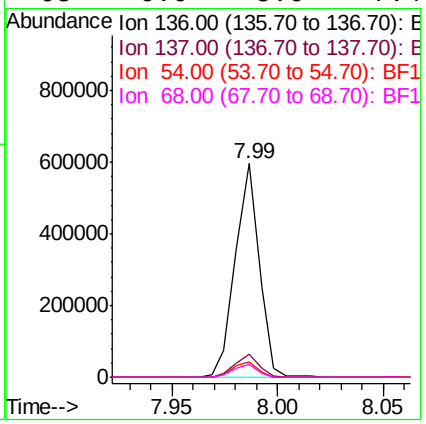


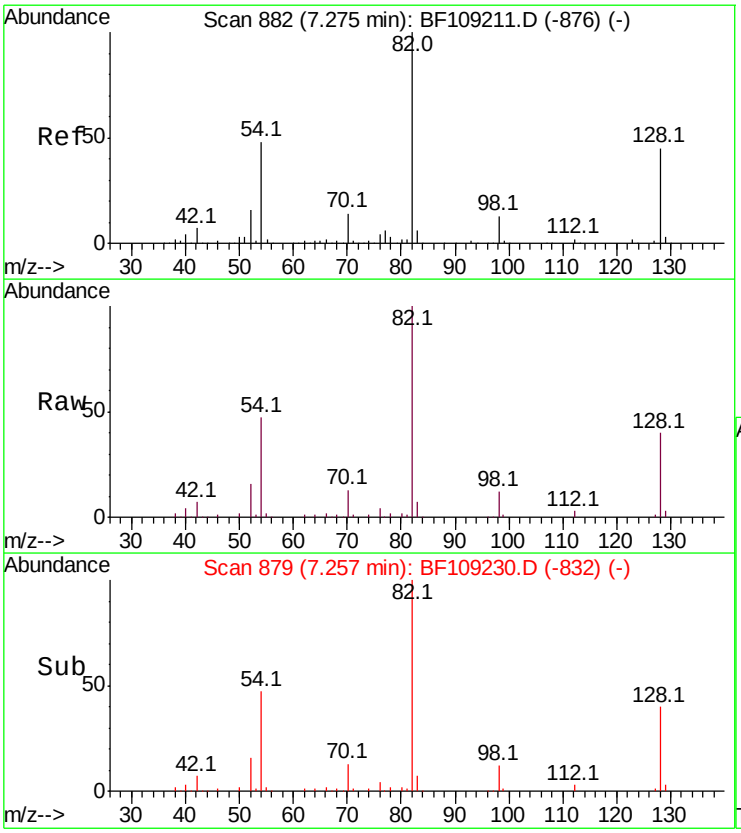
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 466204

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

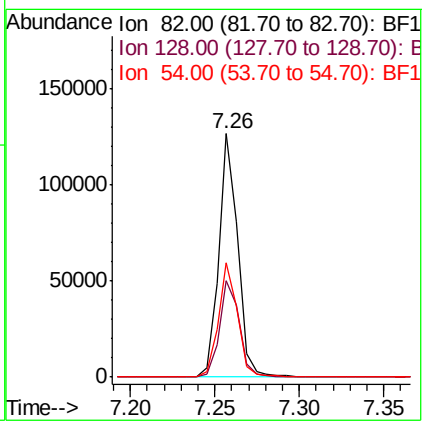


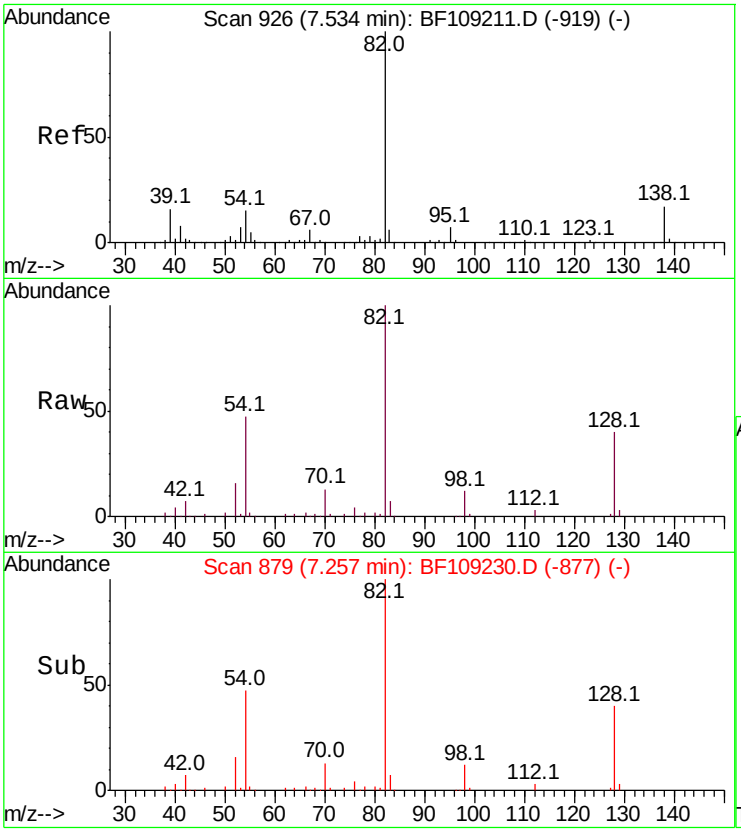


#23
Nitrobenzene-d5
Concen: 12.534 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion: 82 Resp: 98990

Ion	Ratio	Lower	Upper
82	100		
128	39.6	36.1	54.1
54	47.2	41.4	62.2



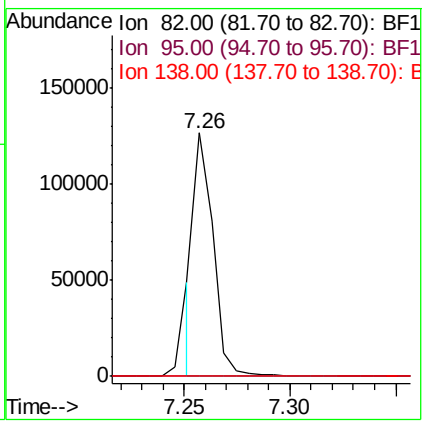


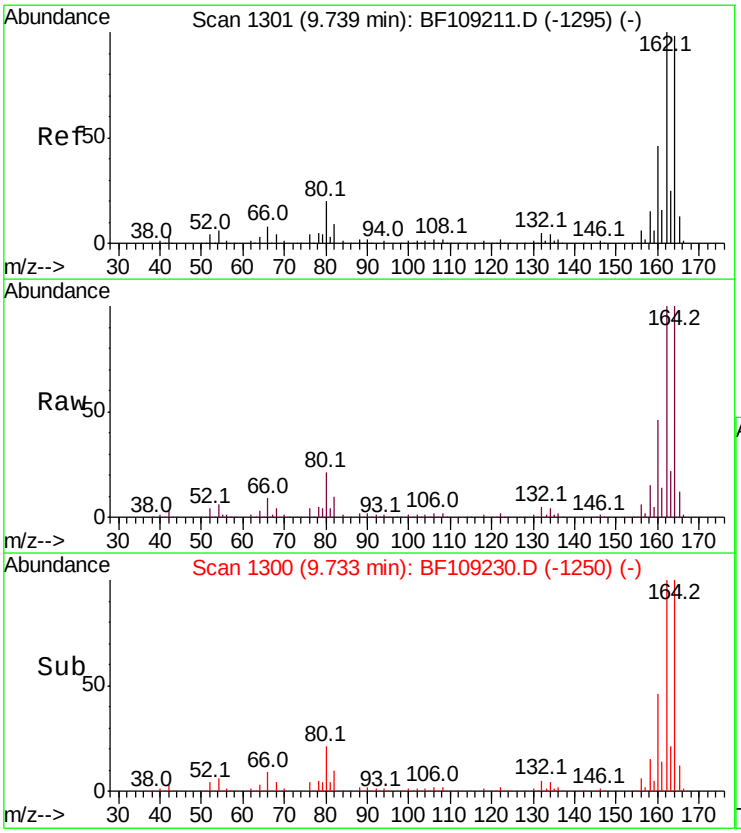
#25
Isophorone
Concen: 5.622 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.29 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 79948

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

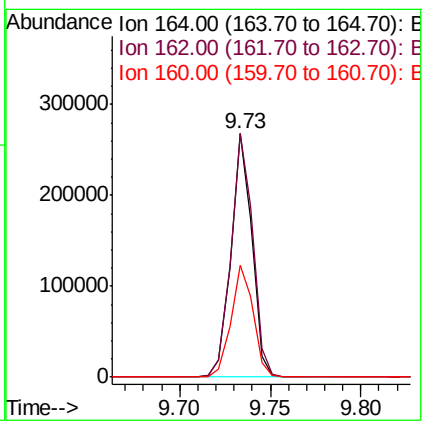


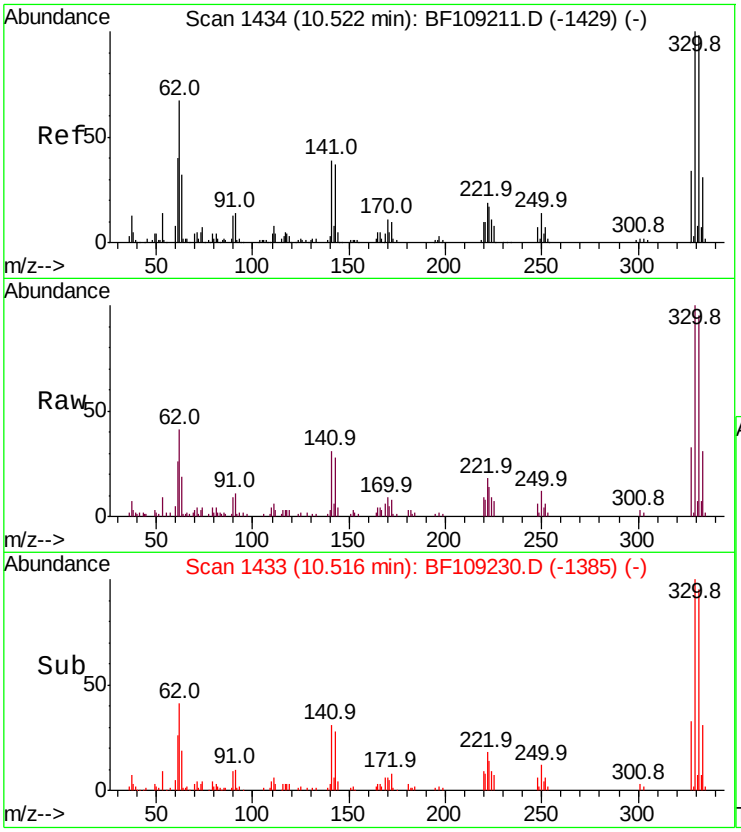


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:164 Resp: 215138

Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	45.9	38.3	57.5



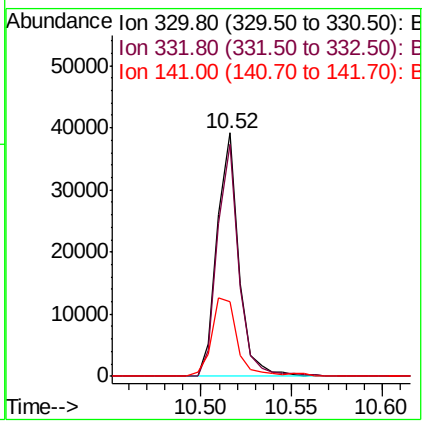


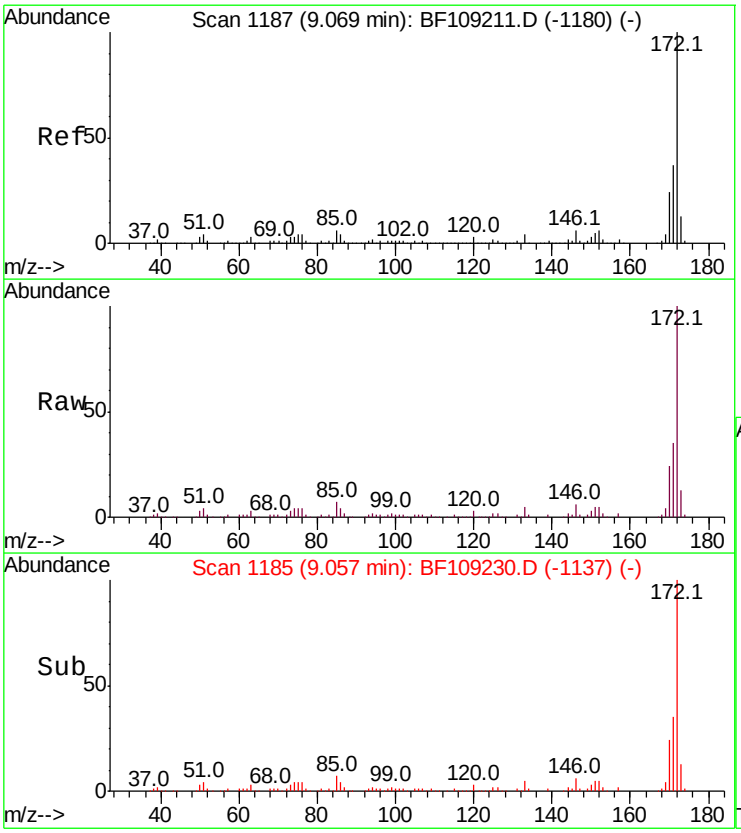
#41
2,4,6-Tribromophenol
Concen: 15.377 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32611

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.5	29.9	44.9

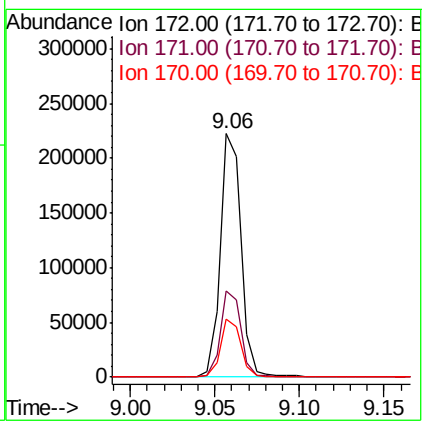


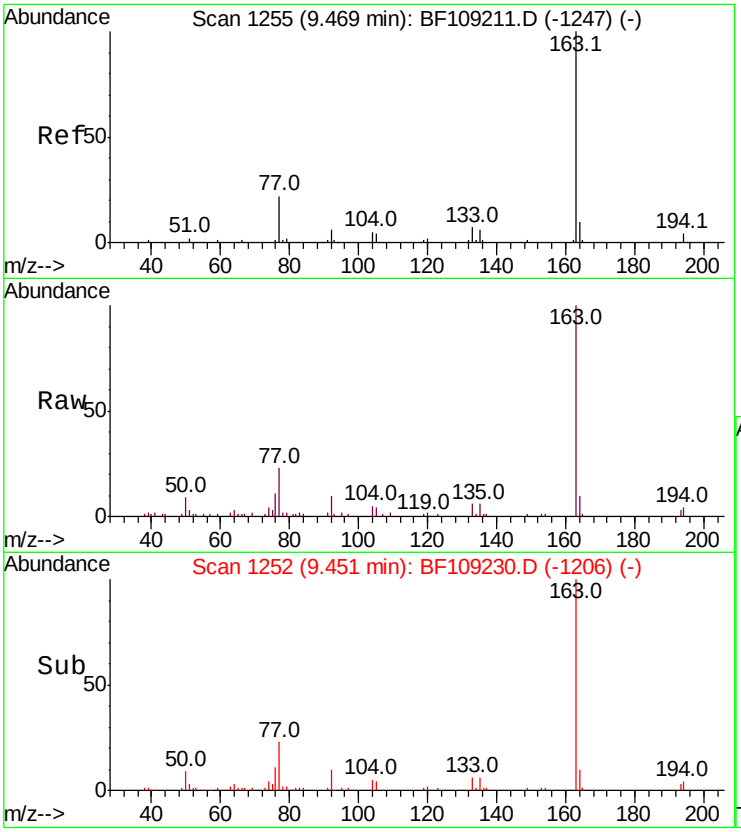


#44
2-Fluorobiphenyl
Concen: 13.444 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:172 Resp: 191776

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4

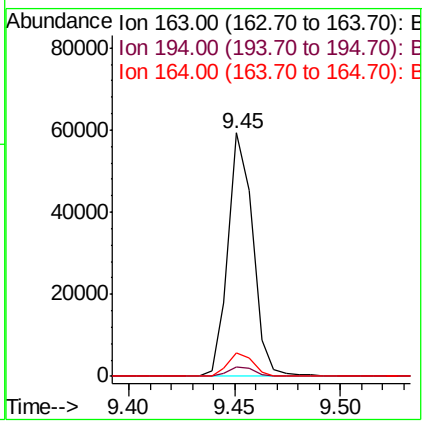




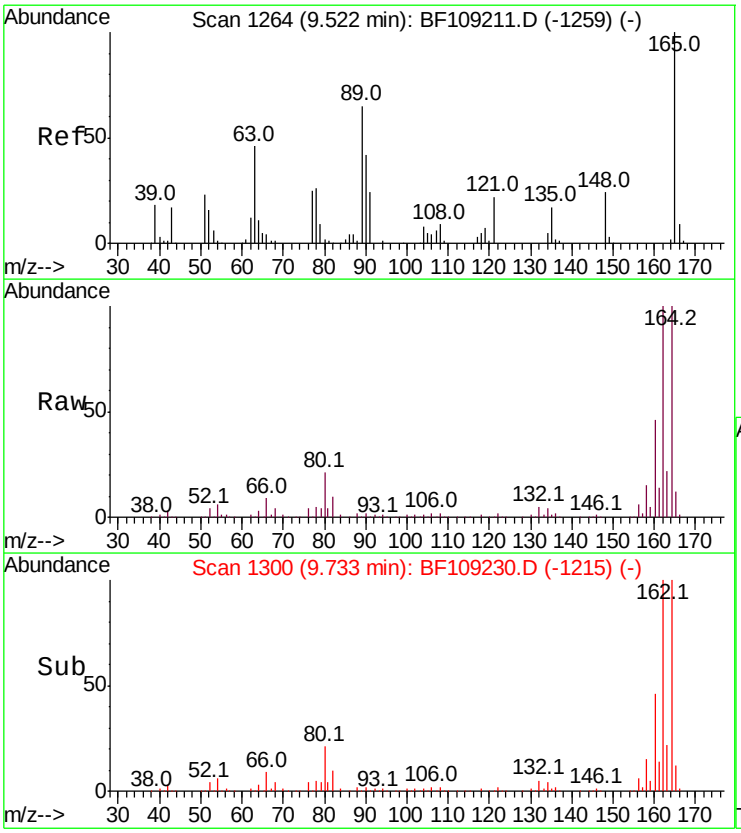
#49
Dimethylphthalate
Concen: 3.064 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:163 Resp: 47950

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



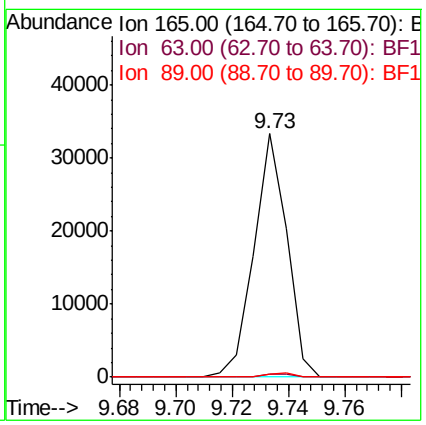
Instrument :
BNA_F
ClientSampleId :

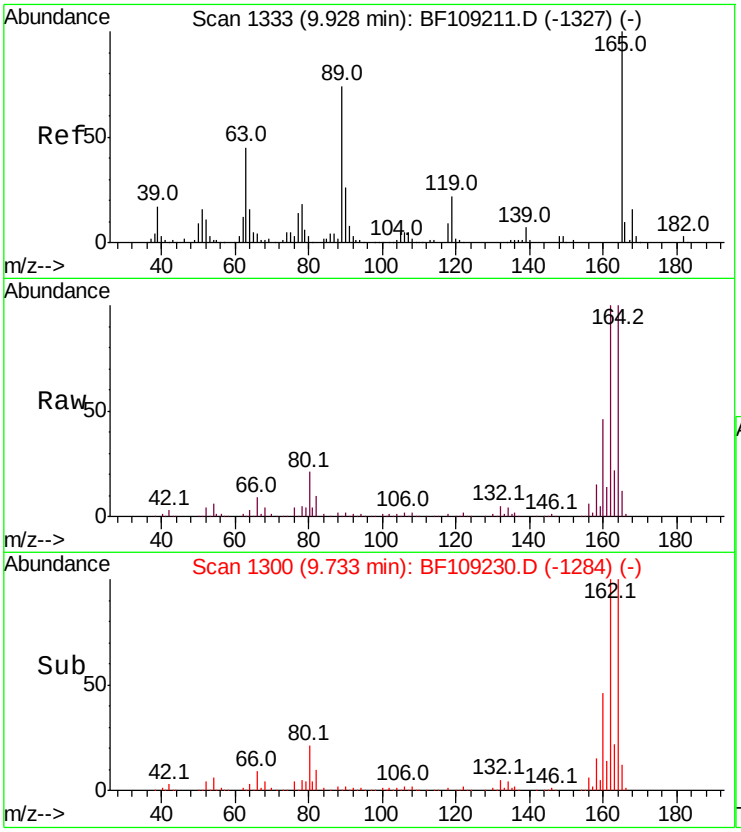


#50
2,6-Dinitrotoluene
Concen: 8.701 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:165 Resp: 26964

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



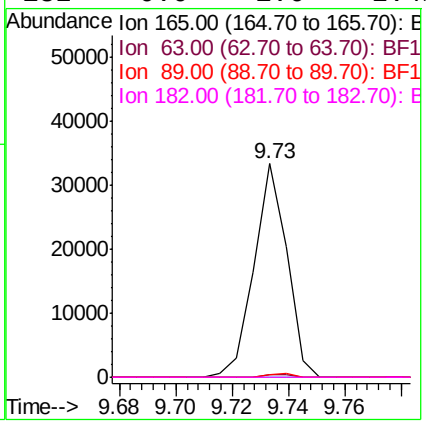


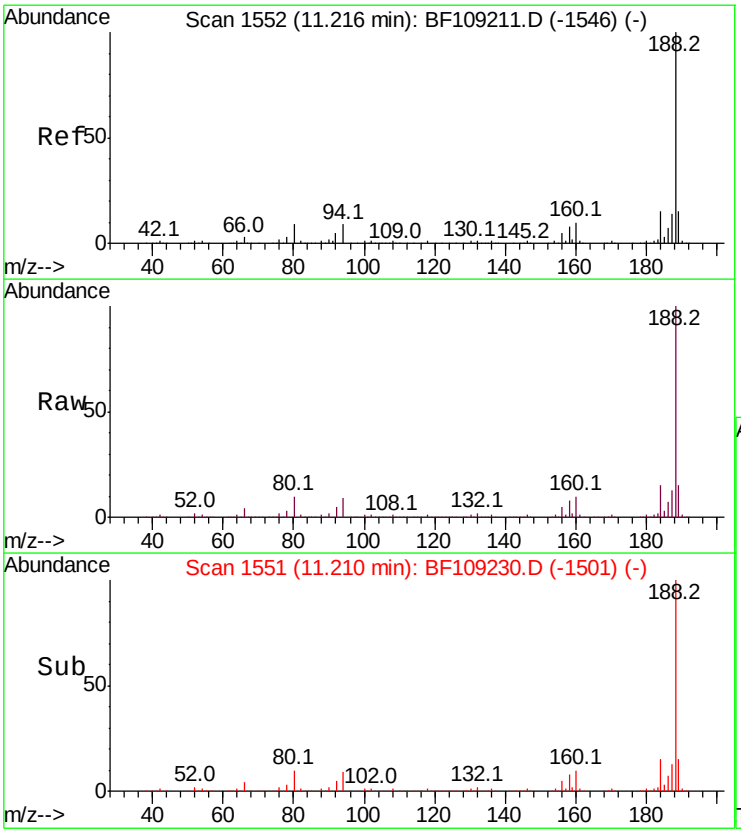
#56
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26964

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

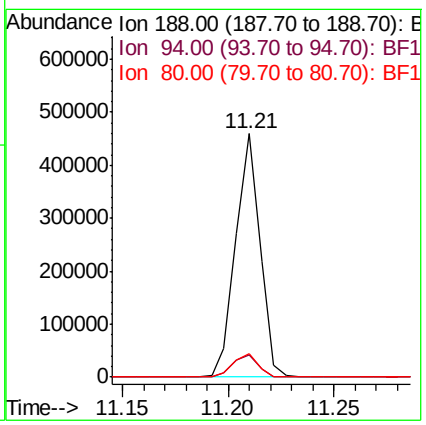


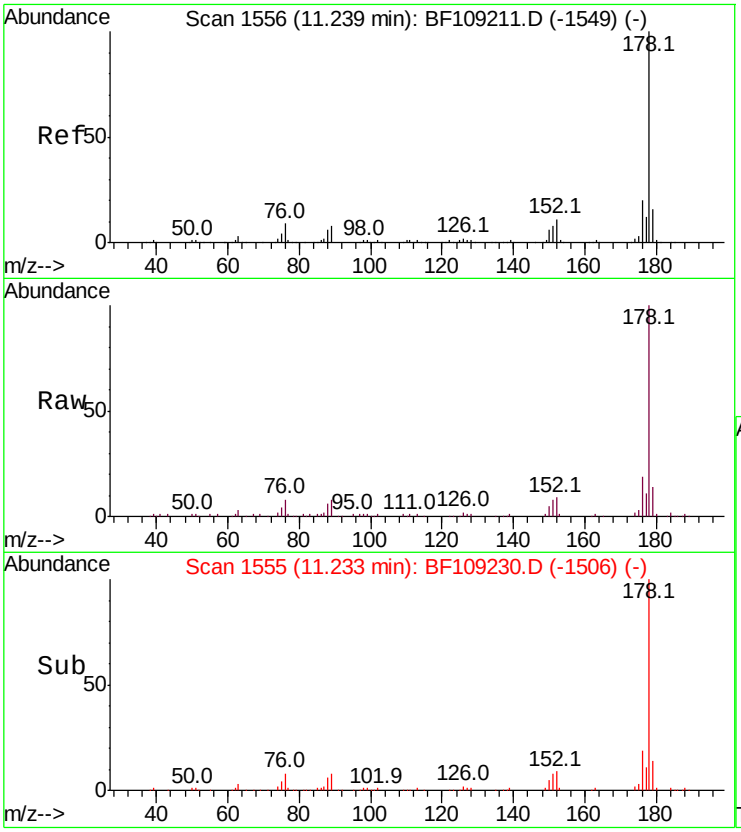


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:188 Resp: 364926

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.9	9.2	13.8



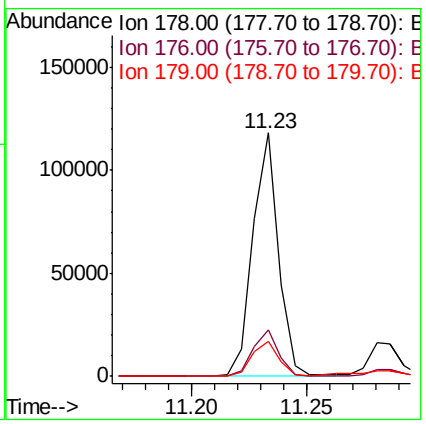


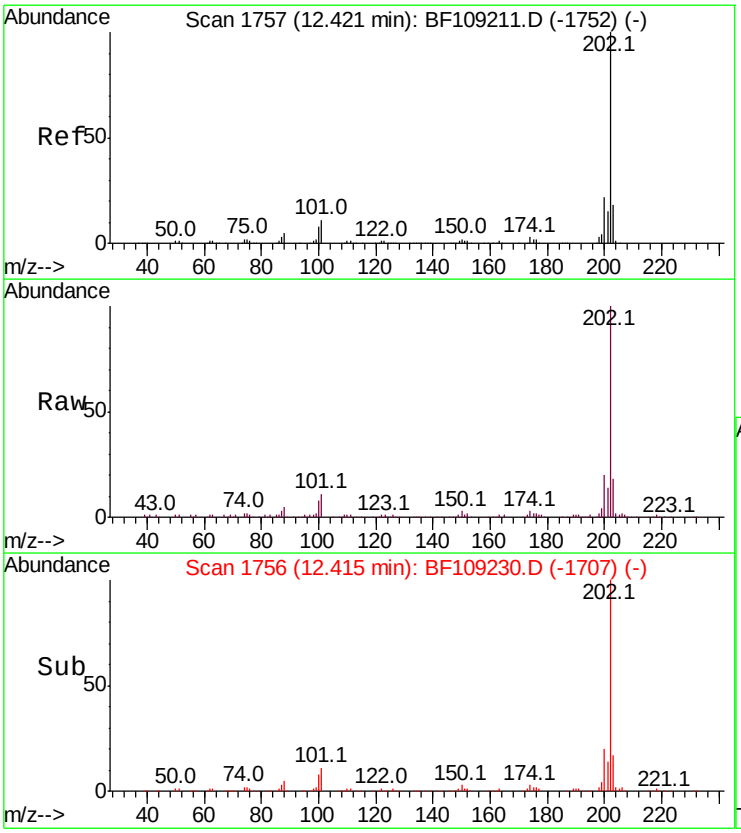
#70
Phenanthrene
Concen: 5.041 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 91857

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.5	13.0	19.6

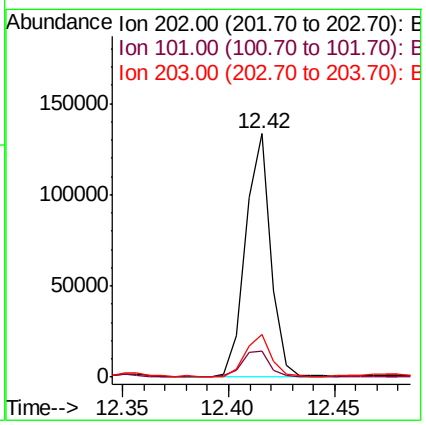


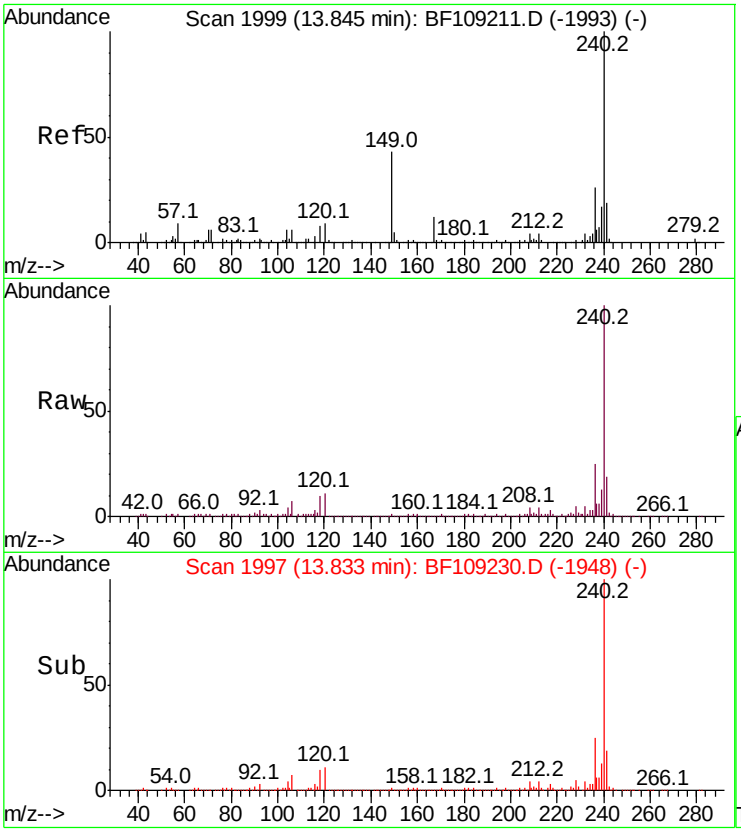


#74
Fluoranthene
Concen: 5.607 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:202 Resp: 109179

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.6	0.0	38.1



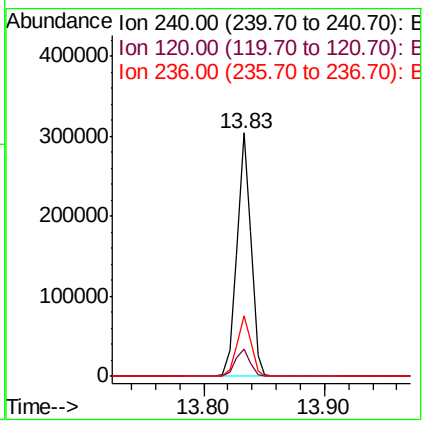


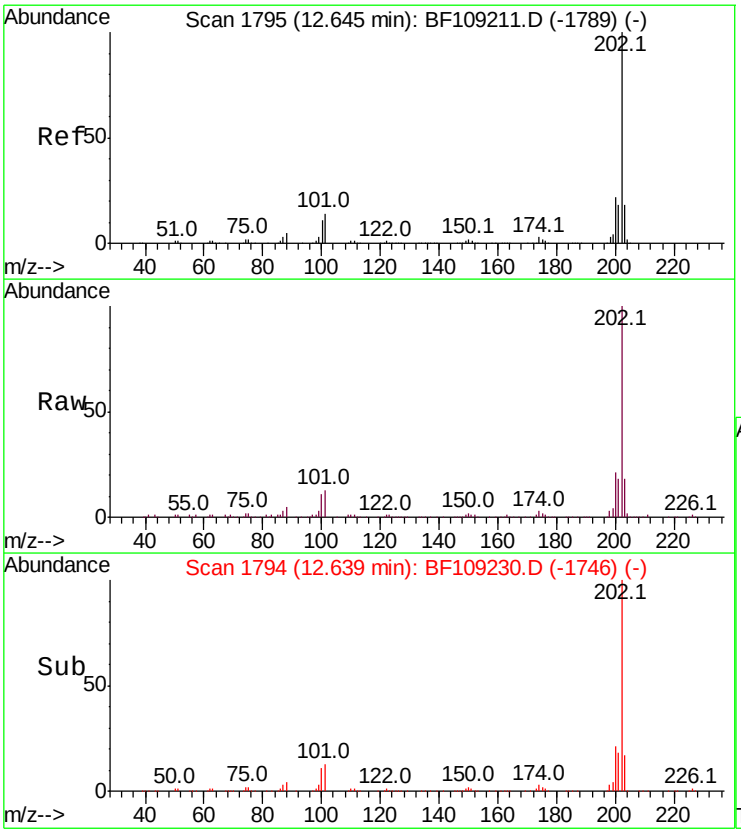
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 249445

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	24.8	20.7	31.1

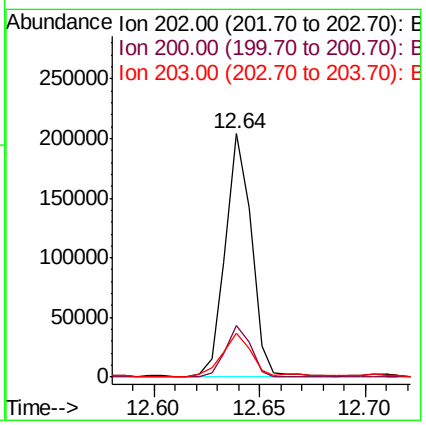


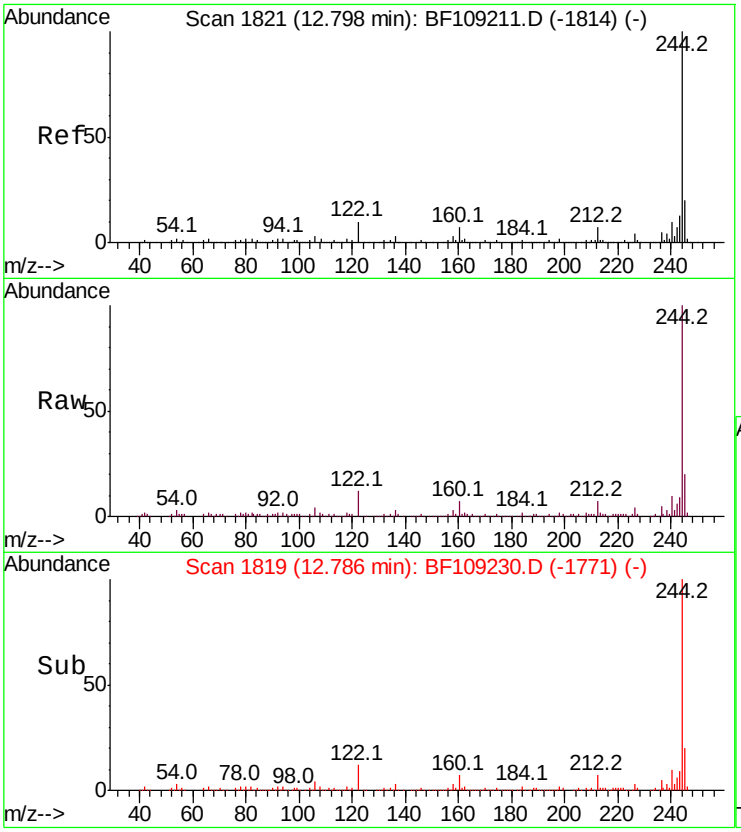


#77
Pyrene
Concen: 9.696 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:202 Resp: 173347

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.1	14.3	21.5



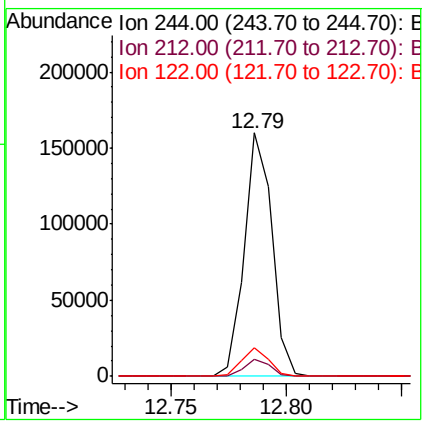


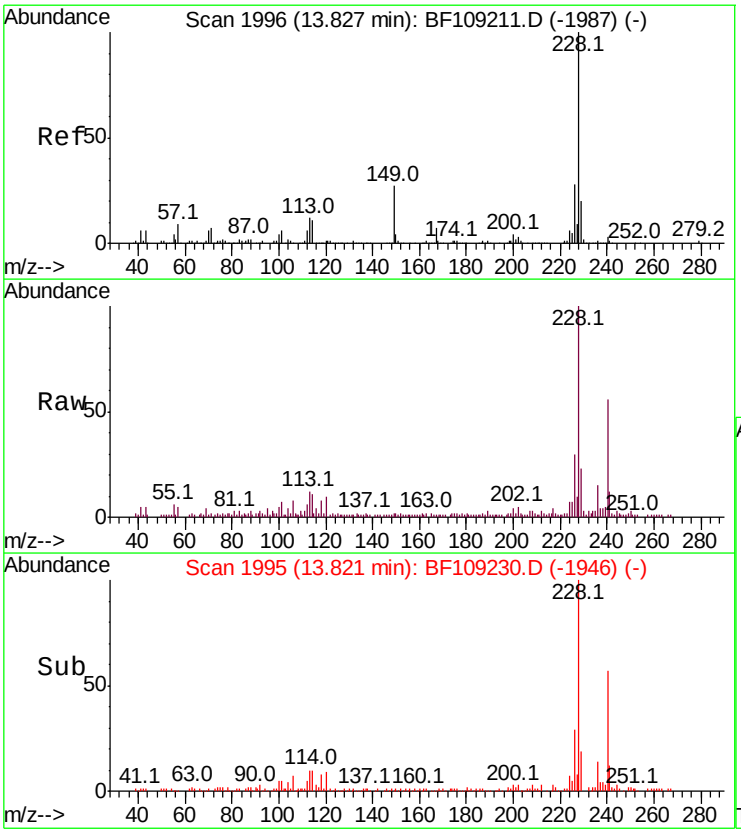
#78
Terphenyl-d14
Concen: 13.201 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 134181

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4

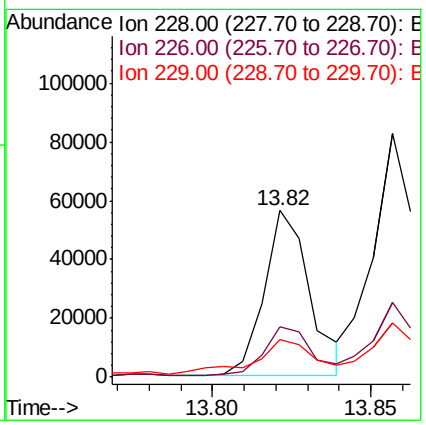


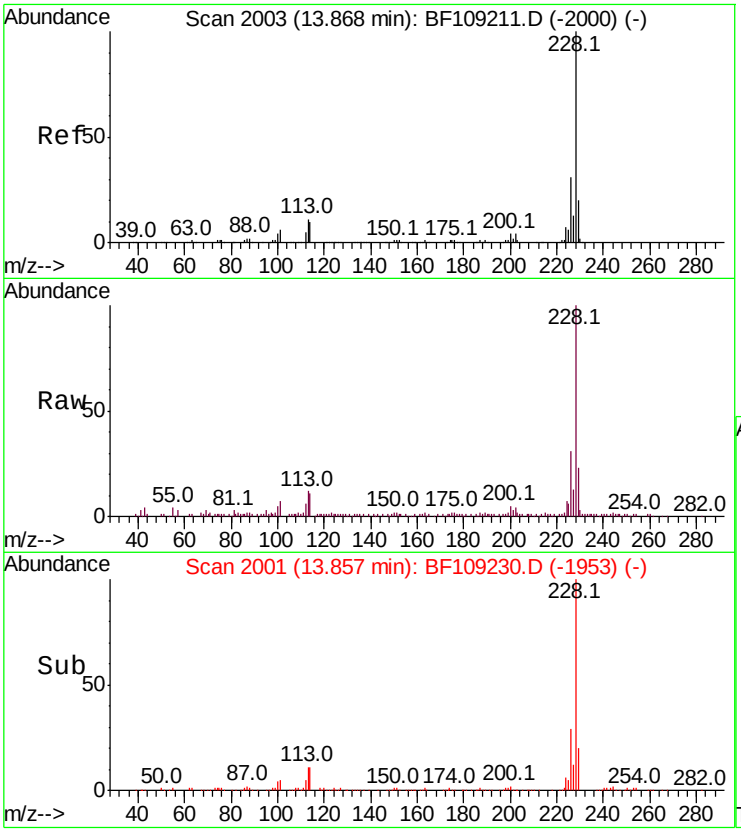


#80
Benzo(a)anthracene
Concen: 3.738 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:228 Resp: 56165

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	22.5	15.8	23.6



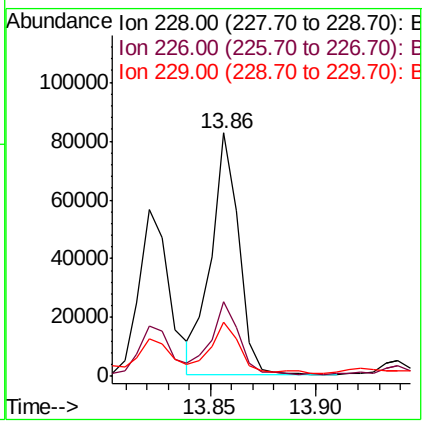


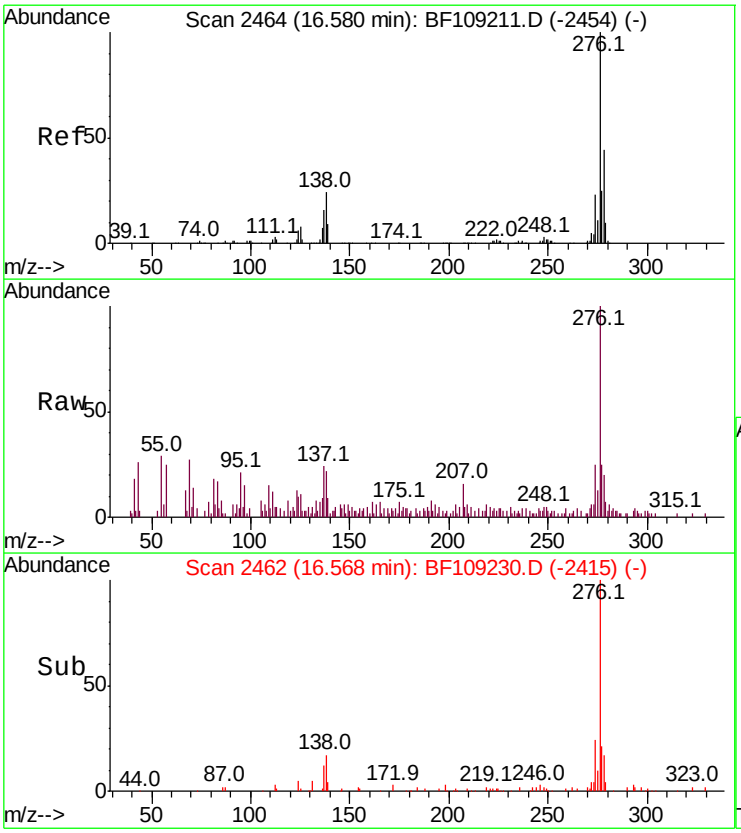
#82
Chrysene
Concen: 5.012 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 74644

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.5	16.2	24.4

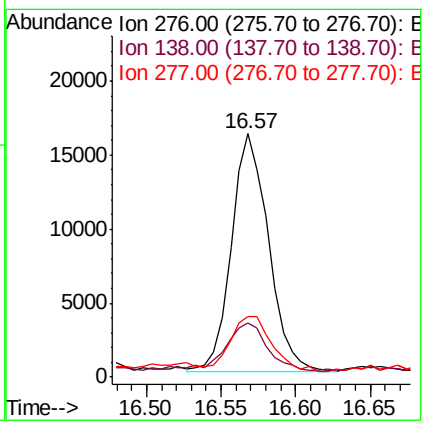


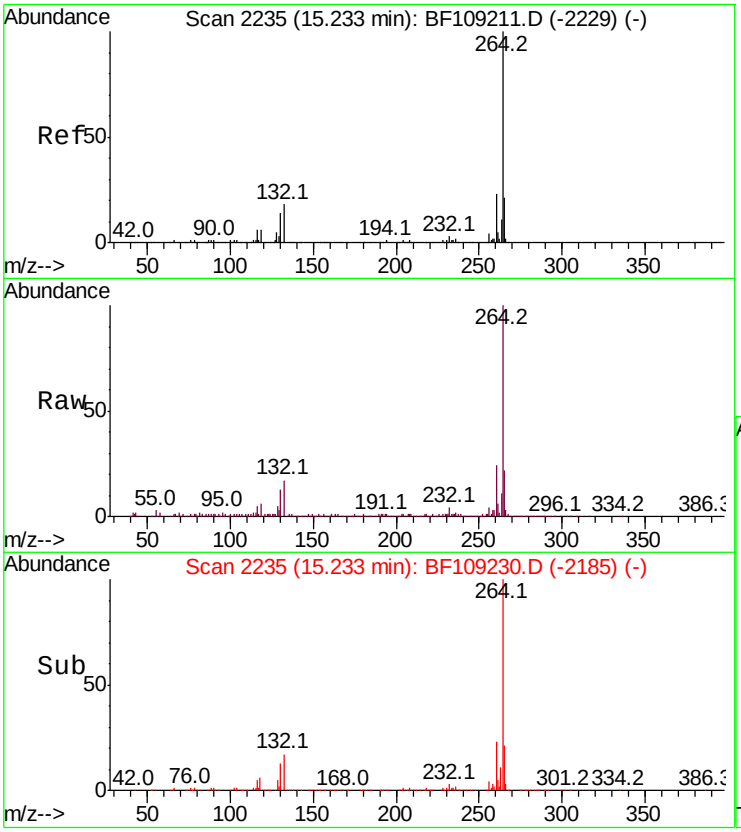


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.282 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:276 Resp: 27545

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	26.1	20.1	30.1



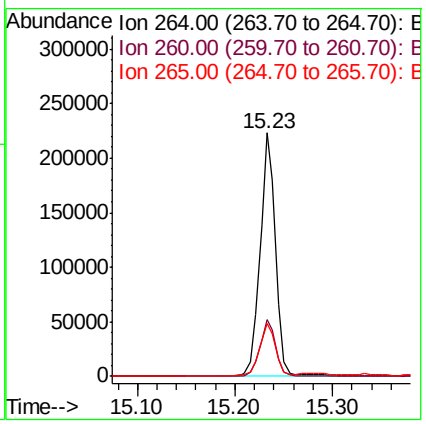


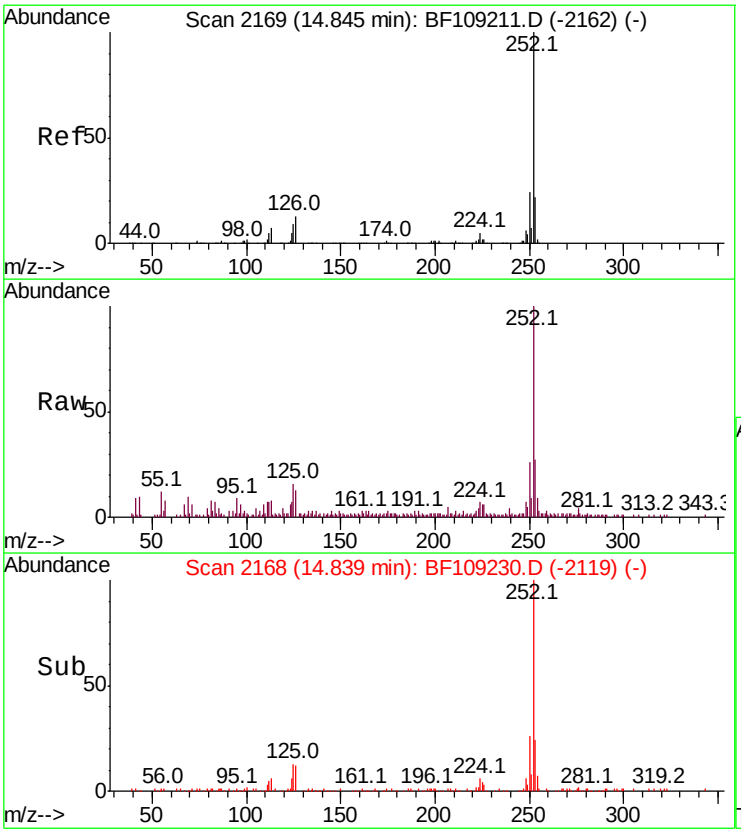
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 251293

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

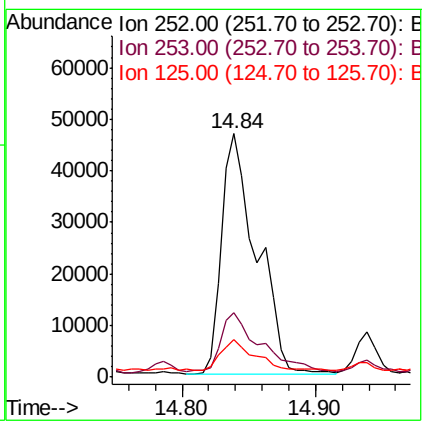


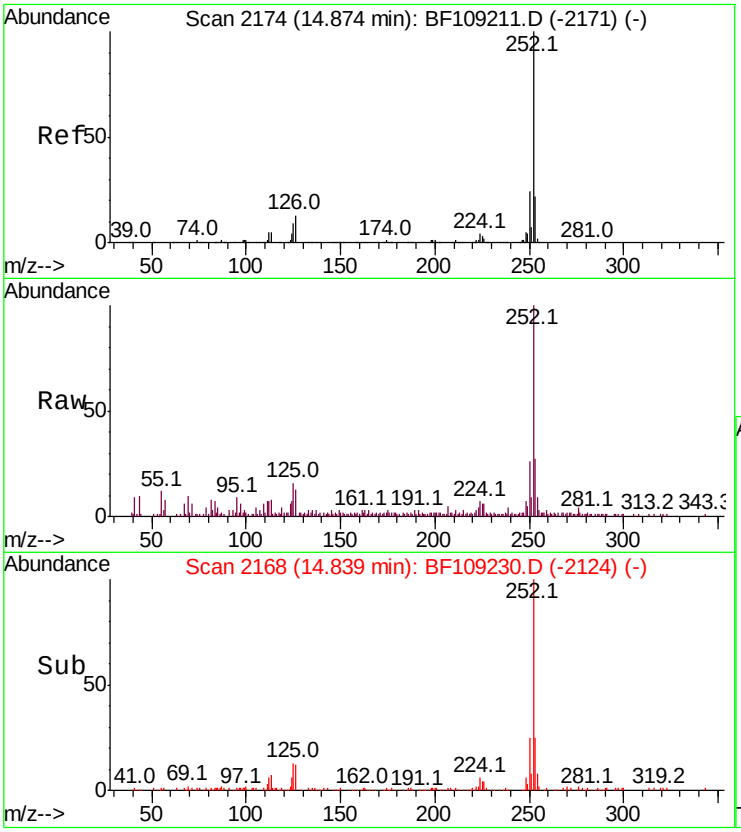


#87
Benzo(b)fluoranthene
Concen: 6.182 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:252 Resp: 85369

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	15.7	9.0	13.6#



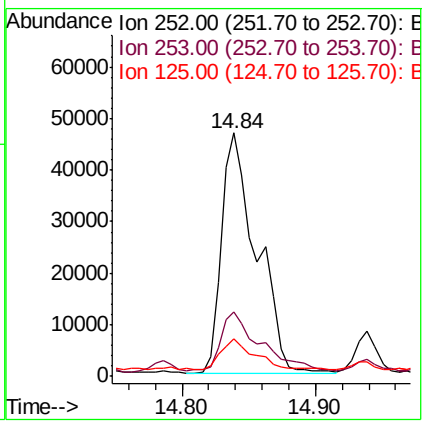


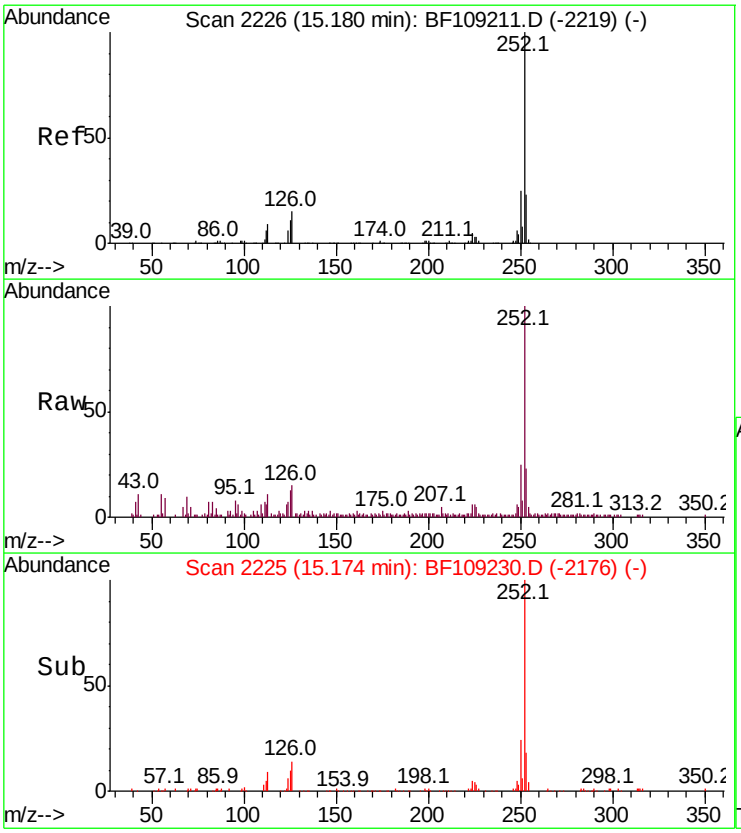
#88
Benzo(k)fluoranthene
Concen: 6.515 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 85369

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	15.7	10.2	15.2#

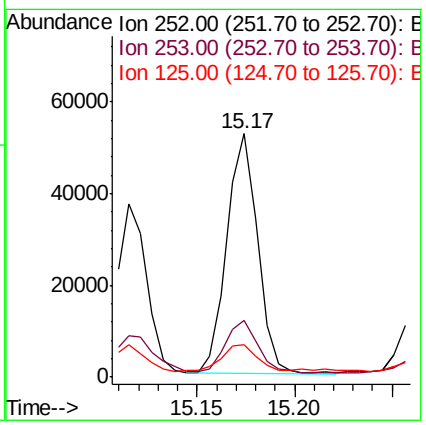


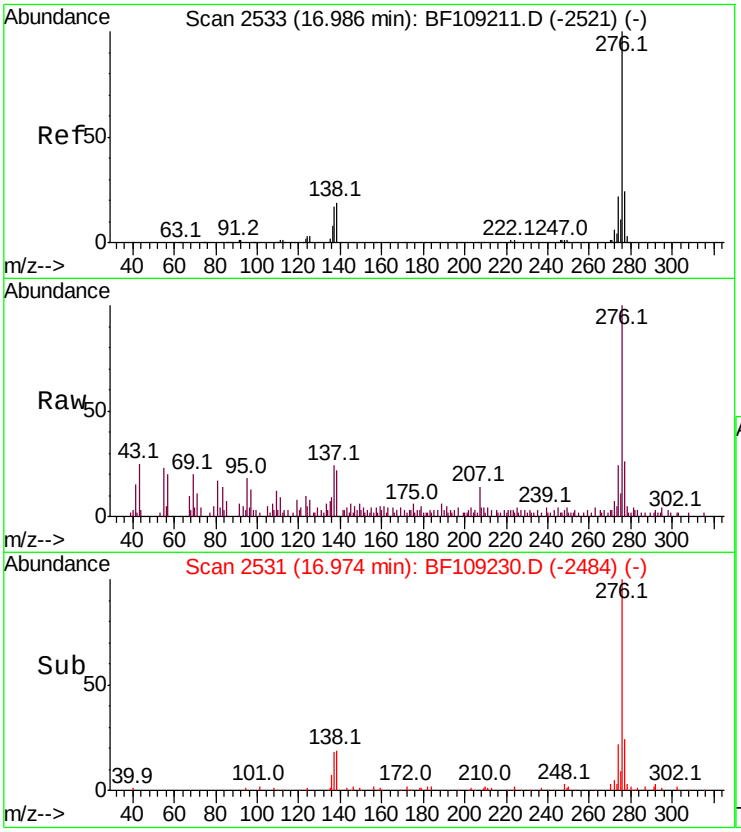


#89
Benzo(a)pyrene
Concen: 4.626 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Tgt Ion:252 Resp: 57561

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.255 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF109230.D
Acq: 22 Sep 2018 19:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32656

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	21.6	21.8	32.8#