Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109233.D
Acq On : 22 Sep 2018 20:35
Operator : JU/SJ
Sample : J4777-23 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 06:50:42 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	124373	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	475530	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	215529	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	364013	20.00	ng		0.00
75) Chrysene-d12	13.83	240	251521	20.00	ng		-0.01
86) Perylene-d12	15.23	264	238578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	138500	18.34	ng		-0.01
7) Phenol-d6	6.33	99	179302	18.61	ng		-0.02
23) Nitrobenzene-d5	7.26	82	105069	13.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	36324	17.10	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	215498	15.08	ng		-0.01
78) Terphenyl-d14	12.79	244	156210	15.24	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	13622	2.158	ng	#	85
25) Isophorone	7.26	82	91640	6.317	ng	#	64
49) Dimethylphthalate	9.46	163	54043	3.447	ng		98
50) 2,6-Dinitrotoluene	9.73	165	27168	8.751	ng	#	26
56) 2,4-Dinitrotoluene	9.73	165	27168	6.916	ng	#	23
74) Fluoranthene	12.42	202	61260	3.154	ng		95
77) Pyrene	12.64	202	61117	3.390	ng		98
80) Benzo(a)anthracene	13.86	228	31130	2.055	ng		96
82) Chrysene	13.86	228	31130	2.073	ng		97
87) Benzo(b)fluoranthene	14.84	252	52714	4.021	ng		93
88) Benzo(k)fluoranthene	14.84	252	52714	4.237	ng		96
89) Benzo(a)pyrene	15.17	252	27699	2.345	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109233.D
Acq On : 22 Sep 2018 20:35
Operator : JU/SJ
Sample : J4777-23 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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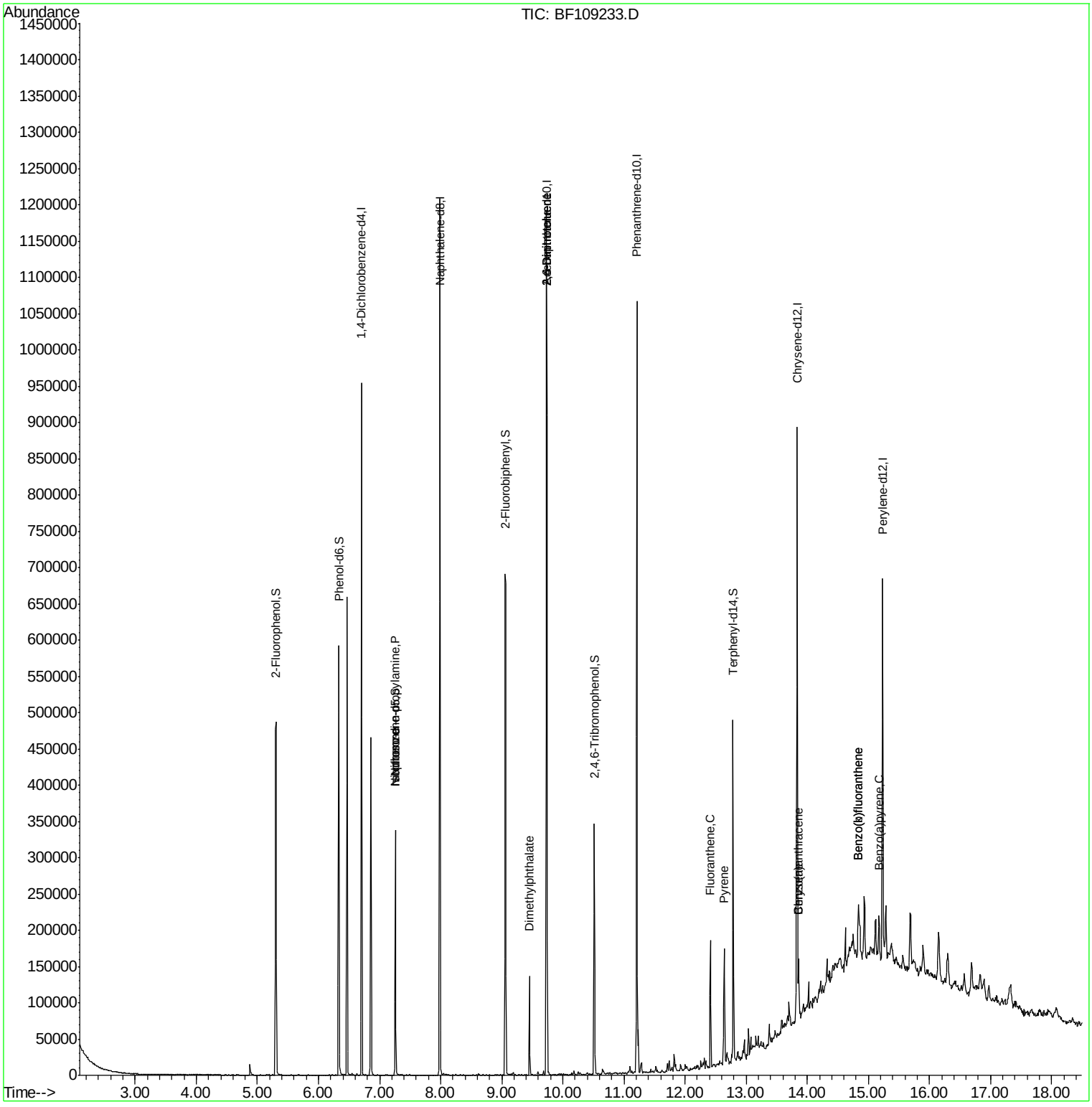
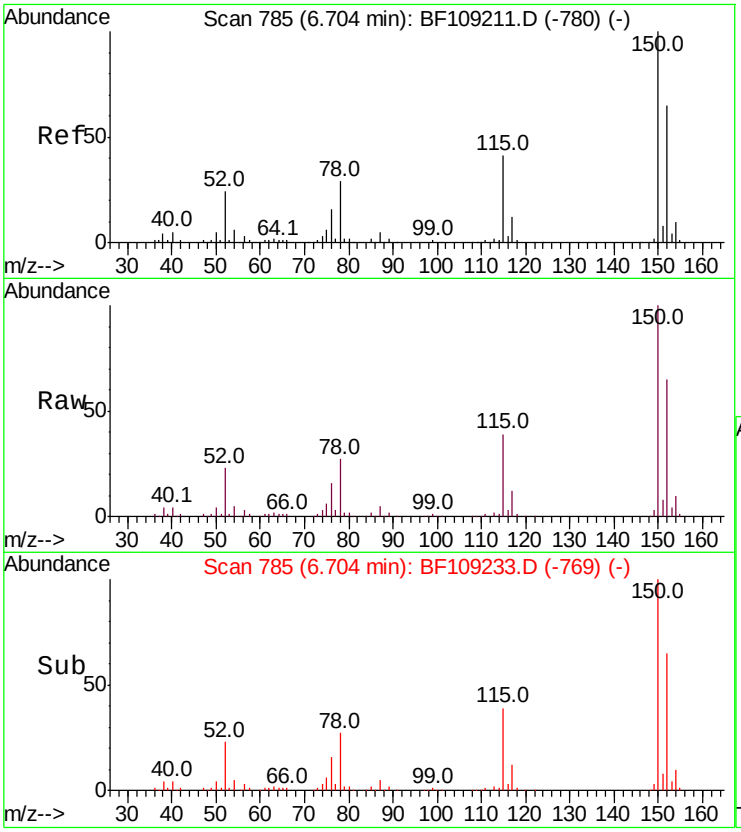
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



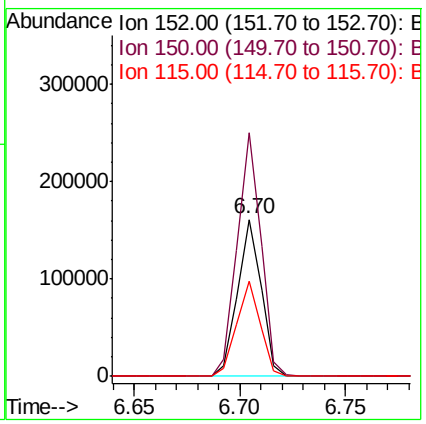


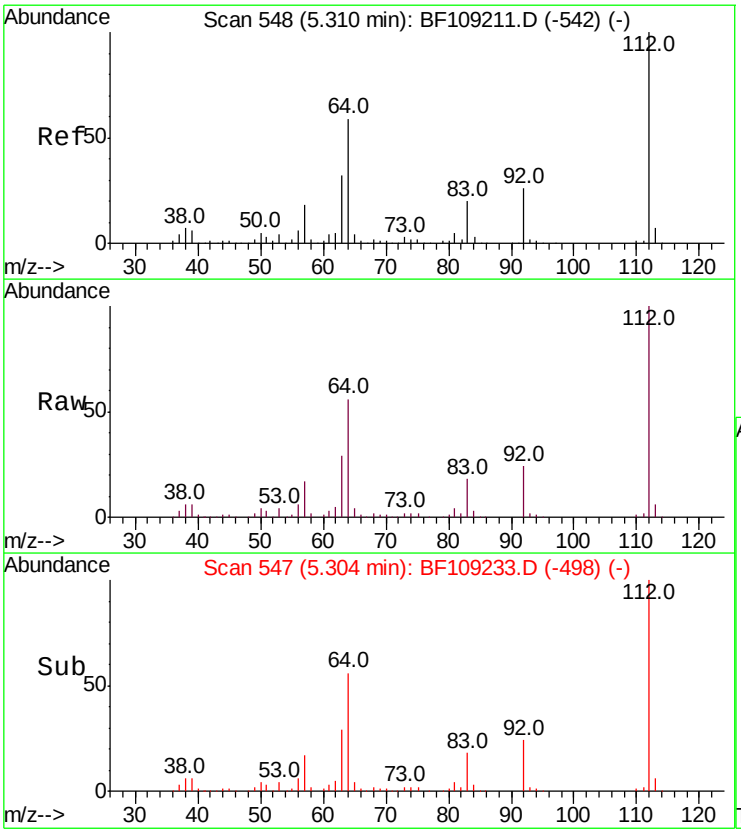
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124373

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	60.9	50.1	75.1

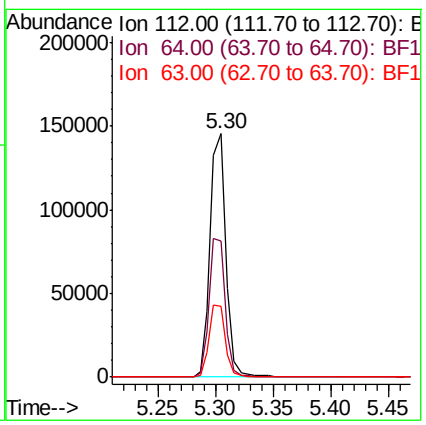


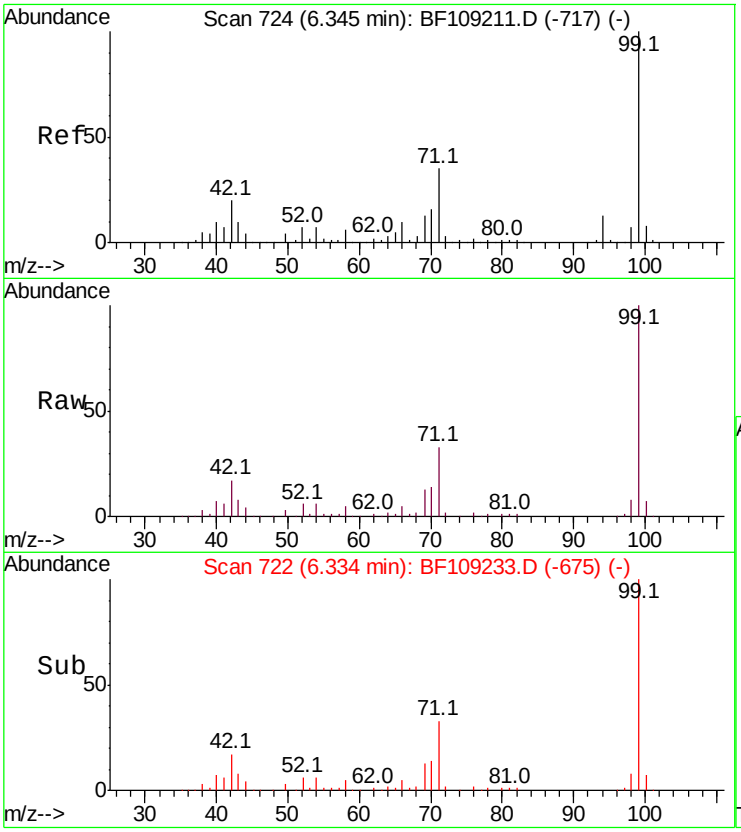


#5
2-Fluorophenol
Concen: 18.342 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:112 Resp: 138500

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	29.1	23.7	35.5



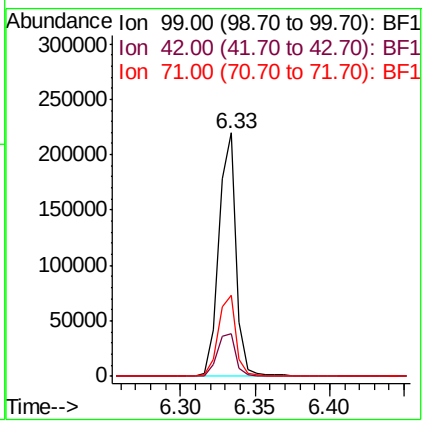


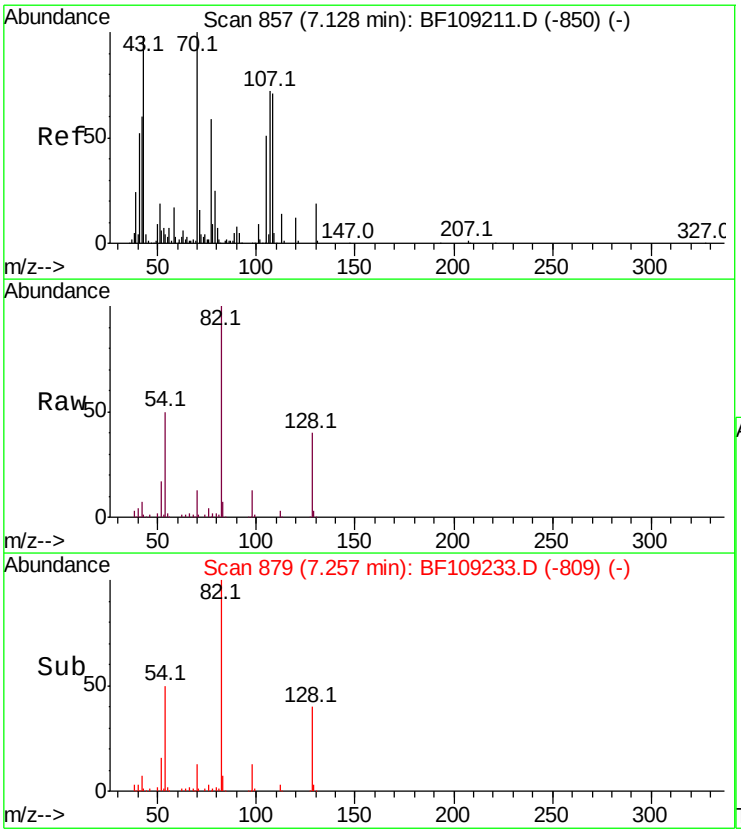
#7
Phenol-d6
Concen: 18.608 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 179302

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	33.2	25.4	38.0

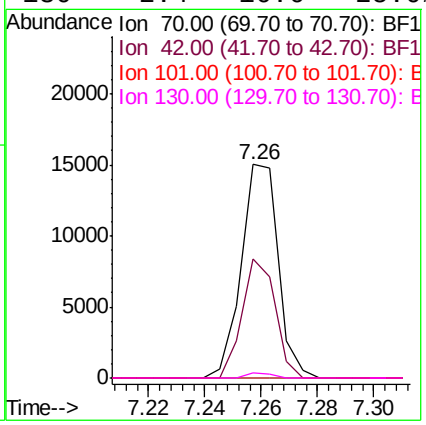


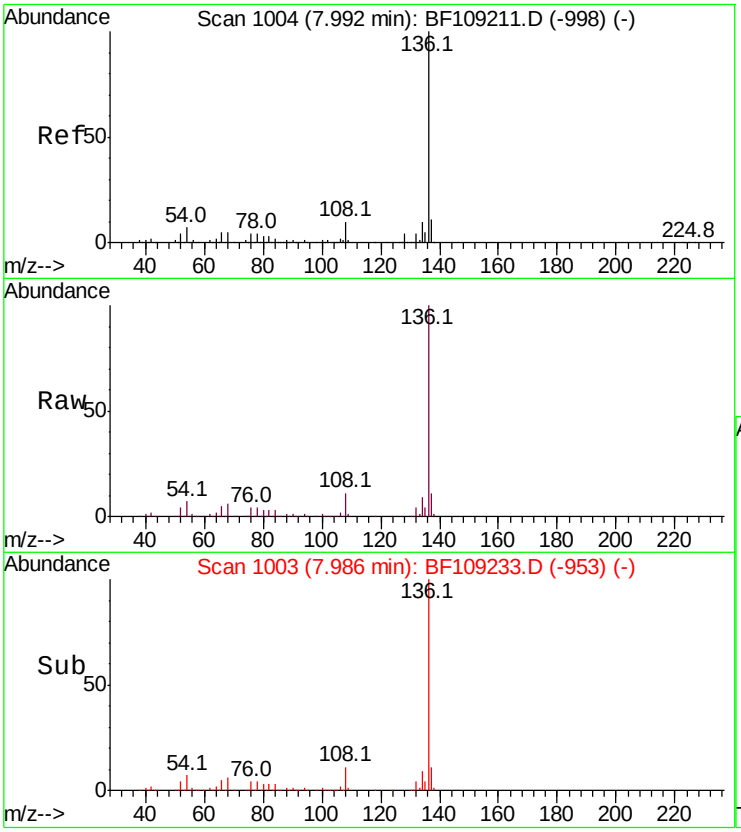


#19
n-Nitroso-di-n-propylamine
Concen: 2.158 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.11 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion: 70 Resp: 13622

Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



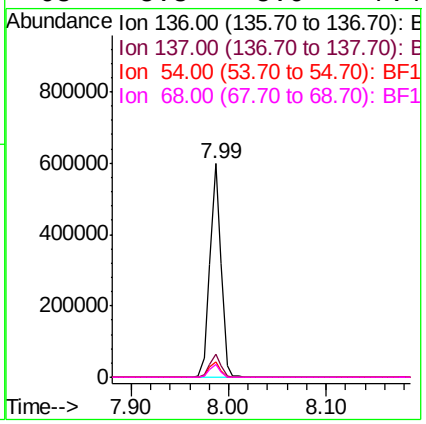


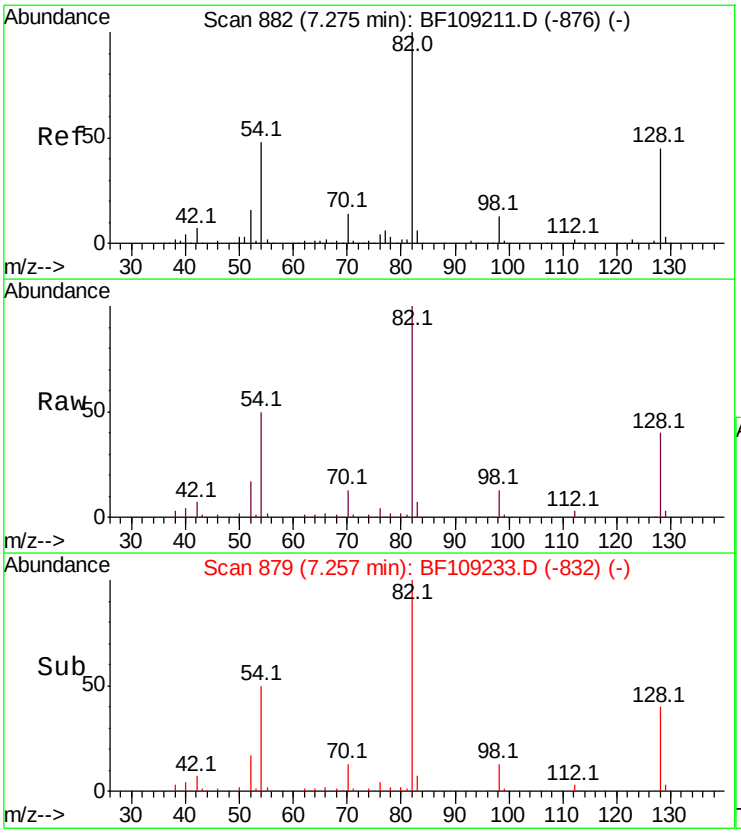
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 475530

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	5.8	5.0	7.4

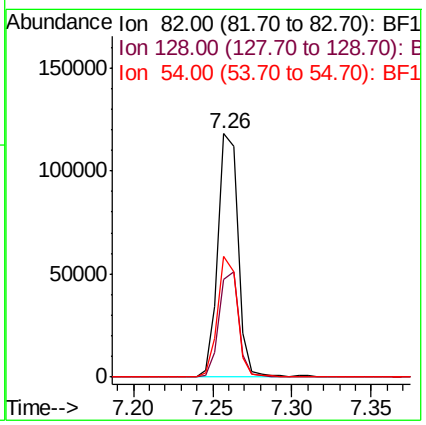


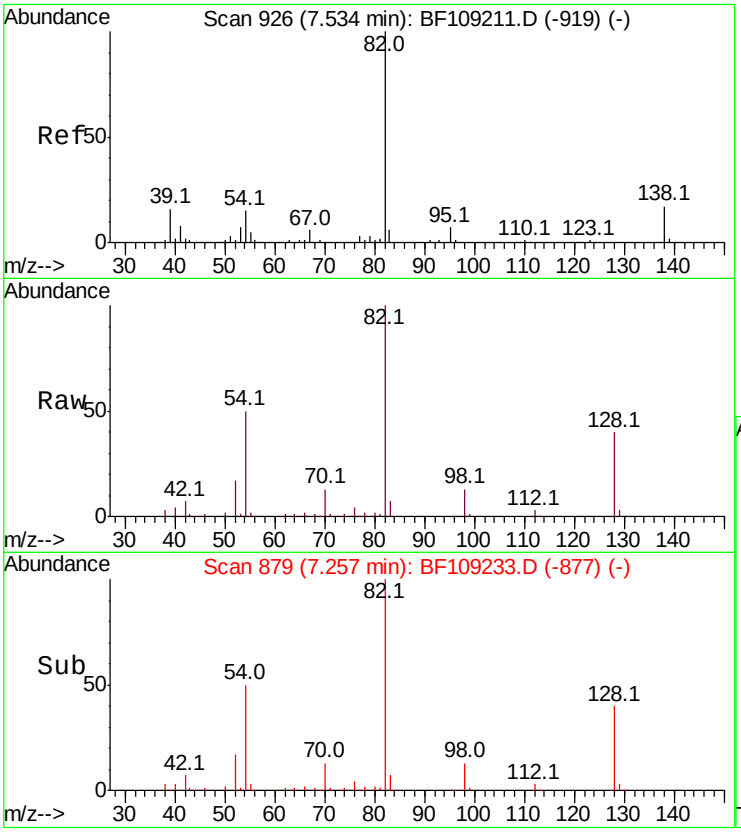


#23
Nitrobenzene-d5
Concen: 13.043 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion: 82 Resp: 105069

Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	49.8	41.4	62.2



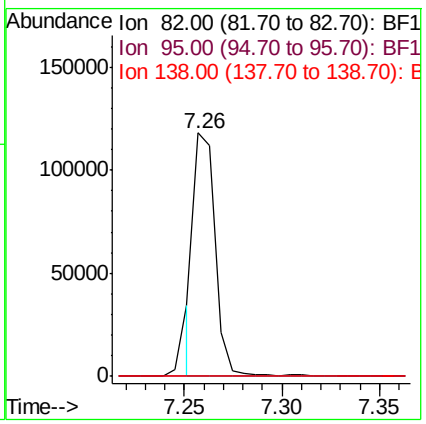


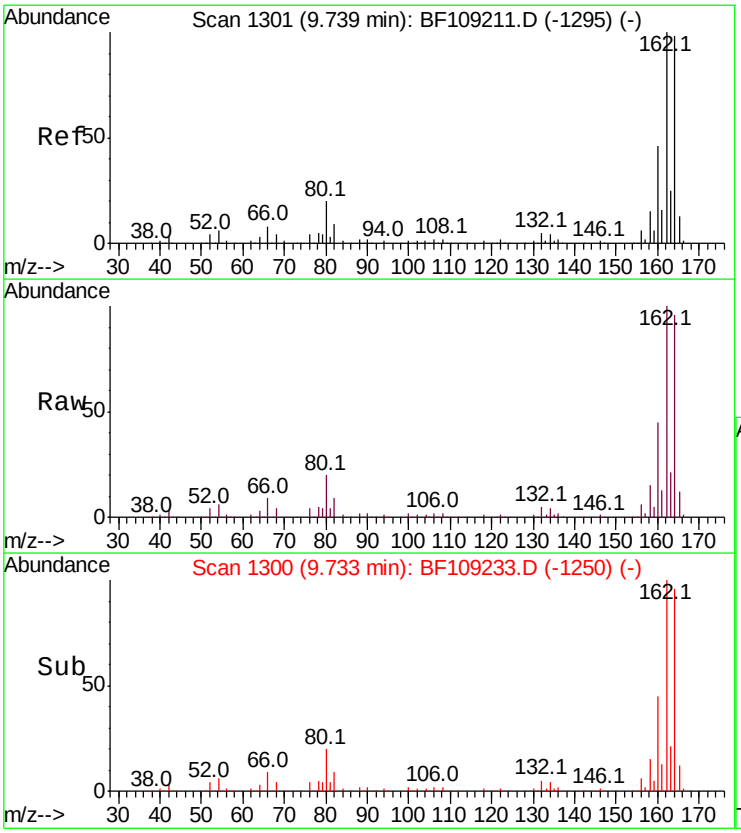
#25
Isophorone
Concen: 6.317 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.29 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 91640

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

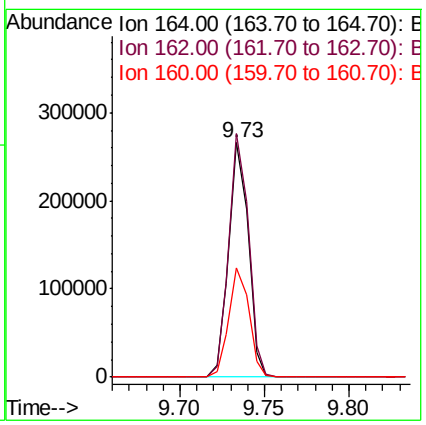


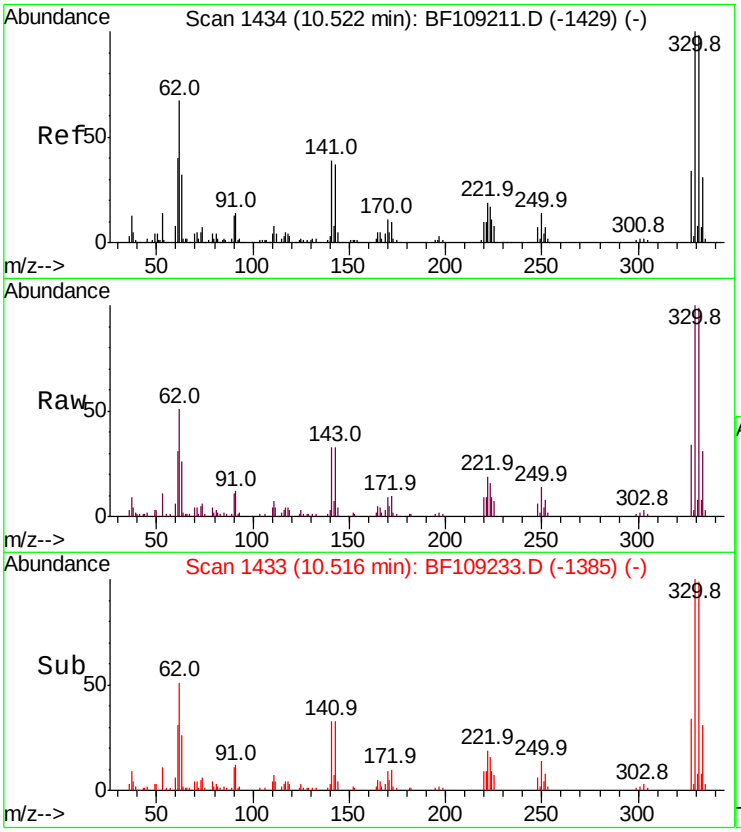


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:164 Resp: 215529

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.4	38.3	57.5



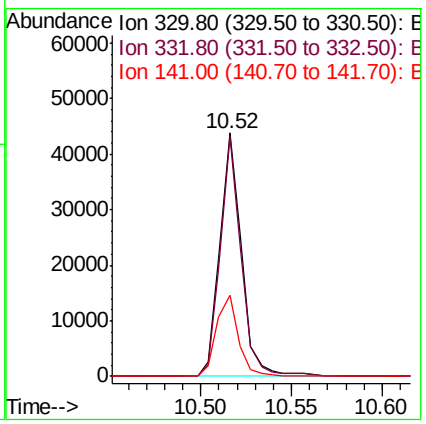


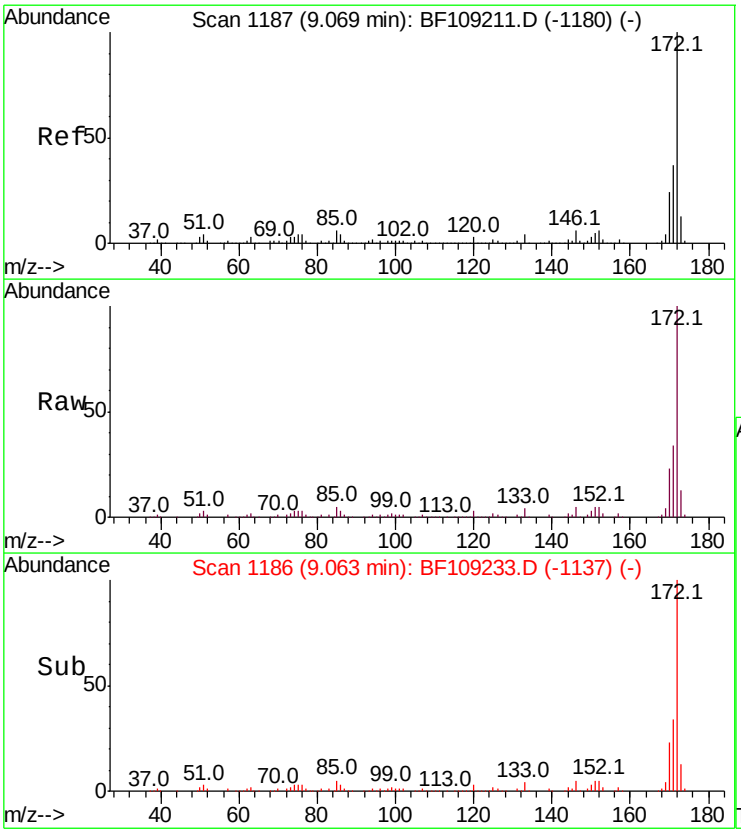
#41
2,4,6-Tribromophenol
Concen: 17.096 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 36324

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.6	29.9	44.9

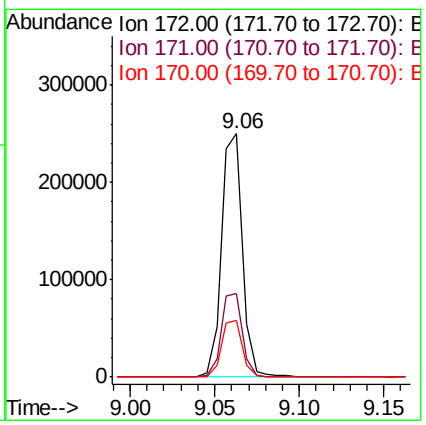


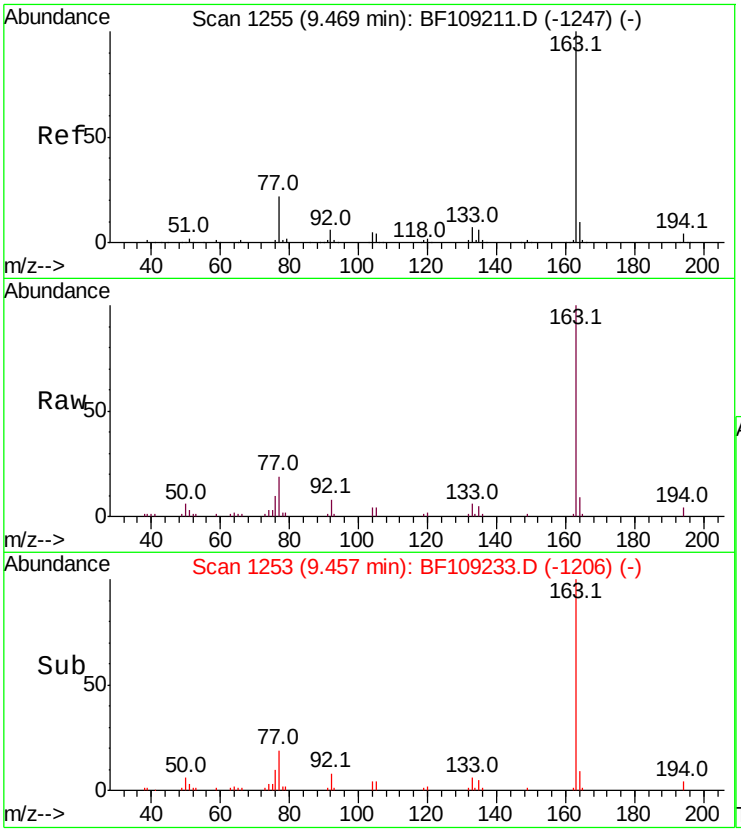


#44
2-Fluorobiphenyl
Concen: 15.080 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:172 Resp: 215498

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	23.4	19.6	29.4



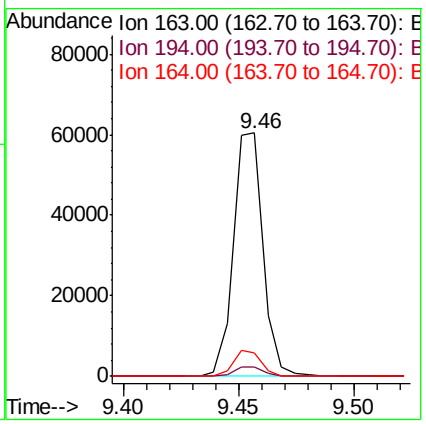


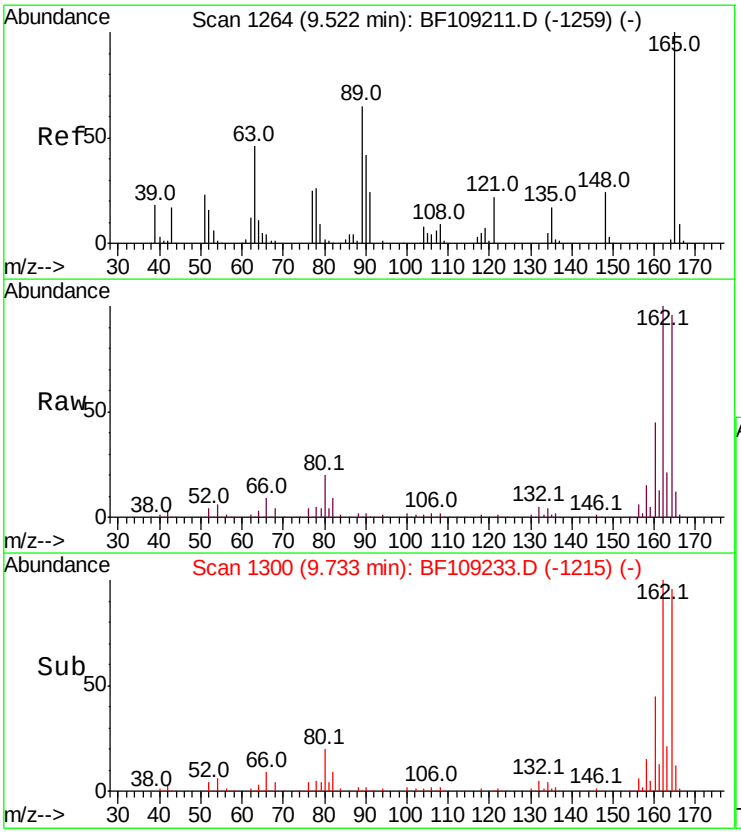
#49
Dimethylphthalate
Concen: 3.447 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54043

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.4	8.2	12.2

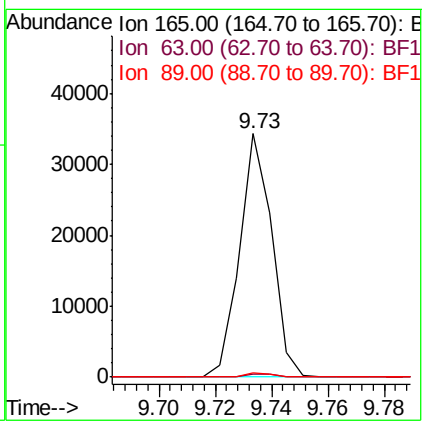


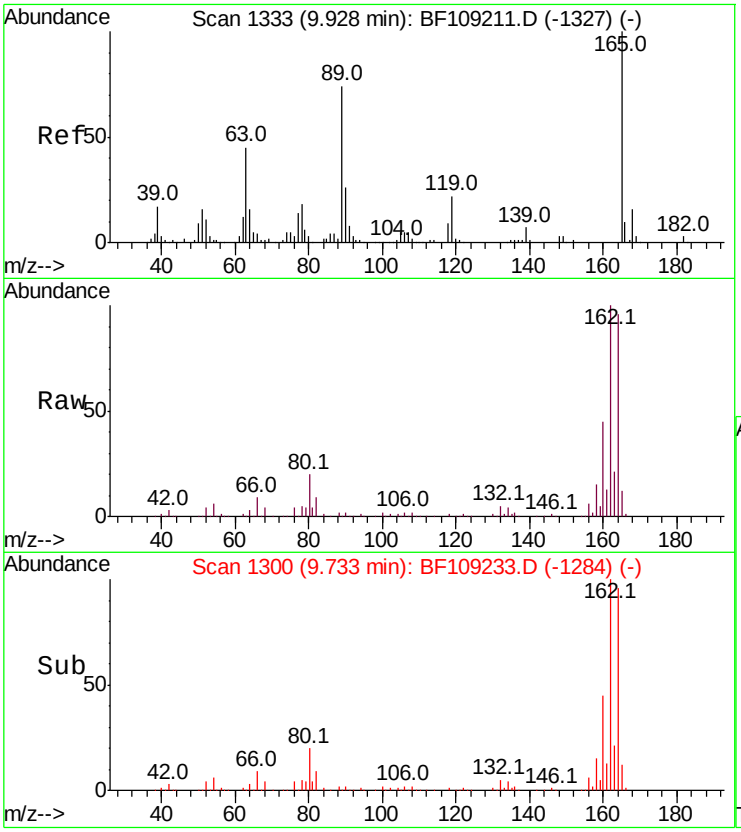


#50
2,6-Dinitrotoluene
Concen: 8.751 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:165 Resp: 27168

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



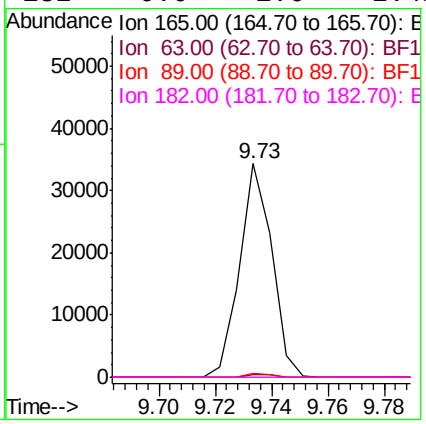


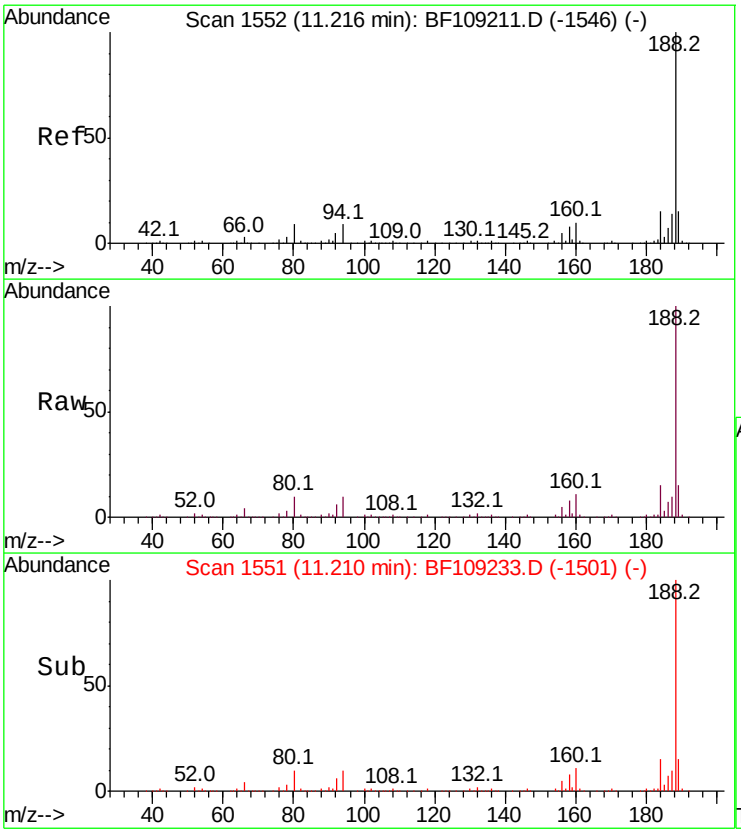
#56
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27168

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

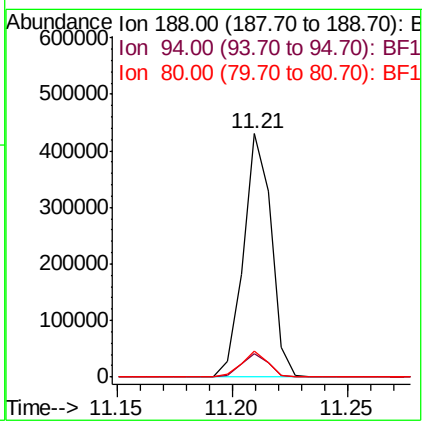


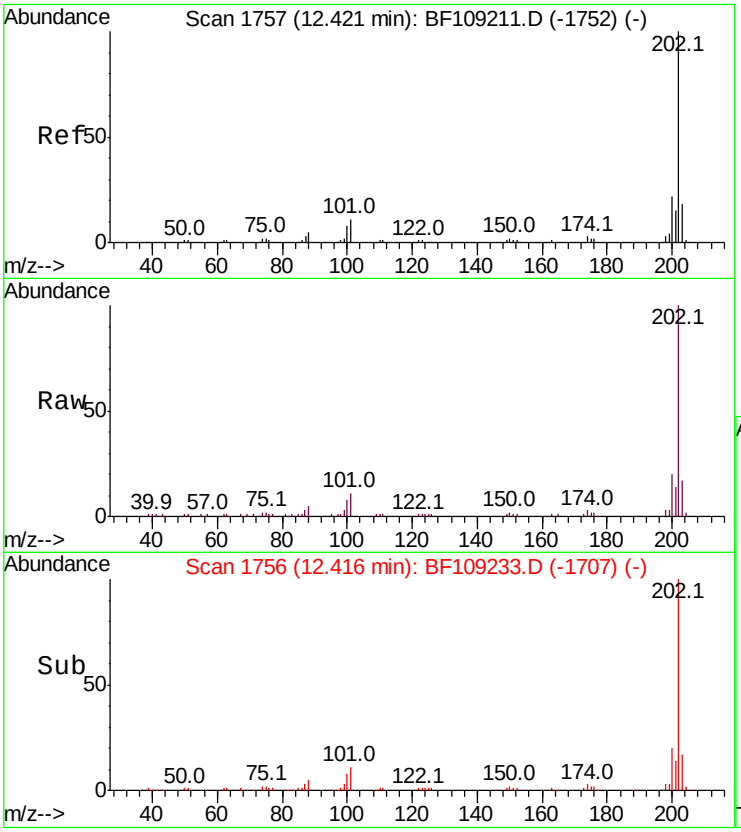


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:188 Resp: 364013

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8



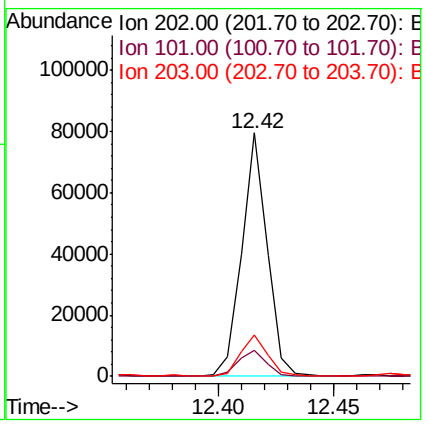


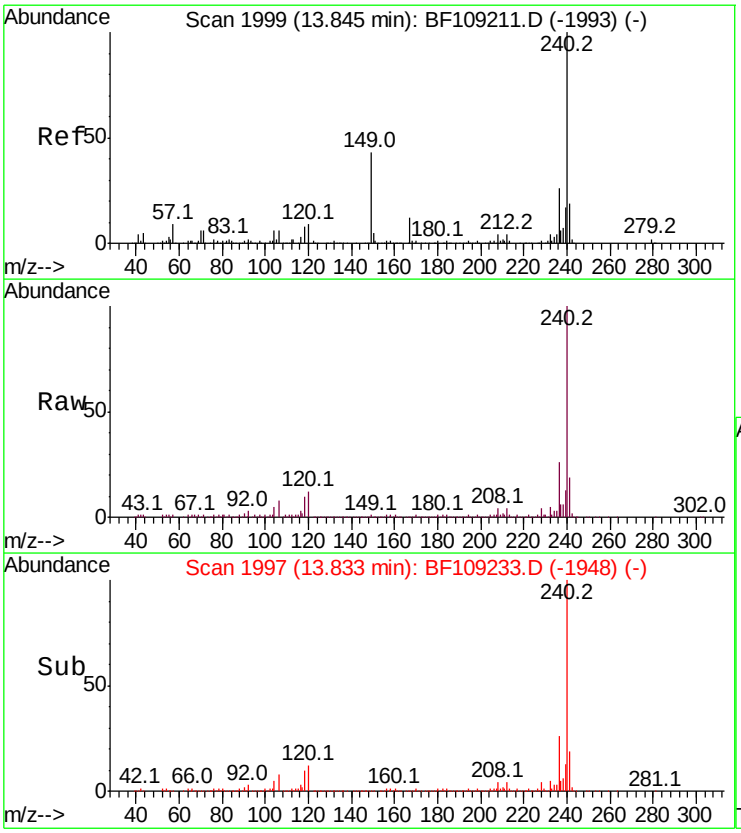
#74
Fluoranthene
Concen: 3.154 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 61260

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.1	0.0	38.1

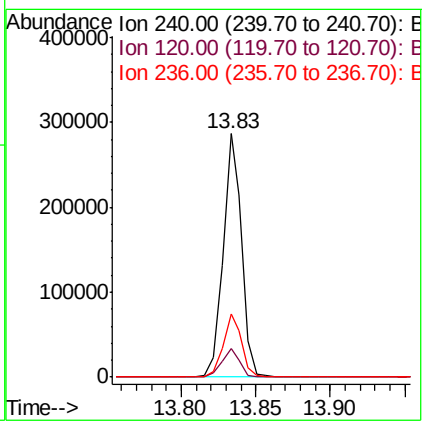


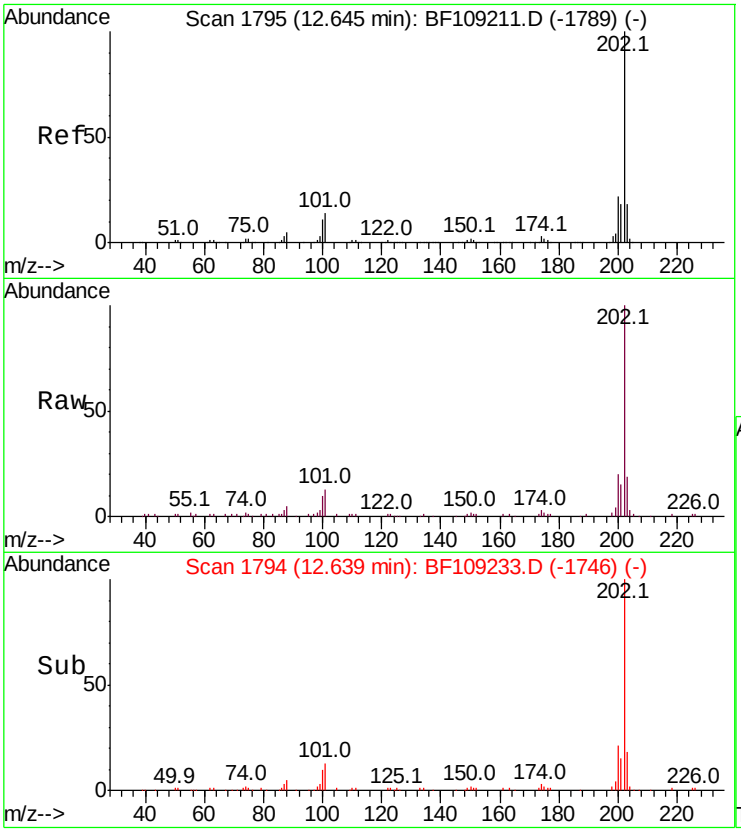


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:240 Resp: 251521

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.0	20.7	31.1



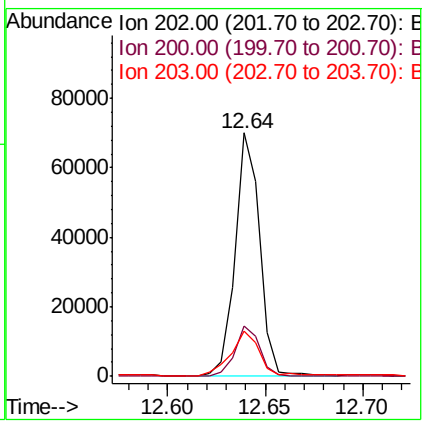


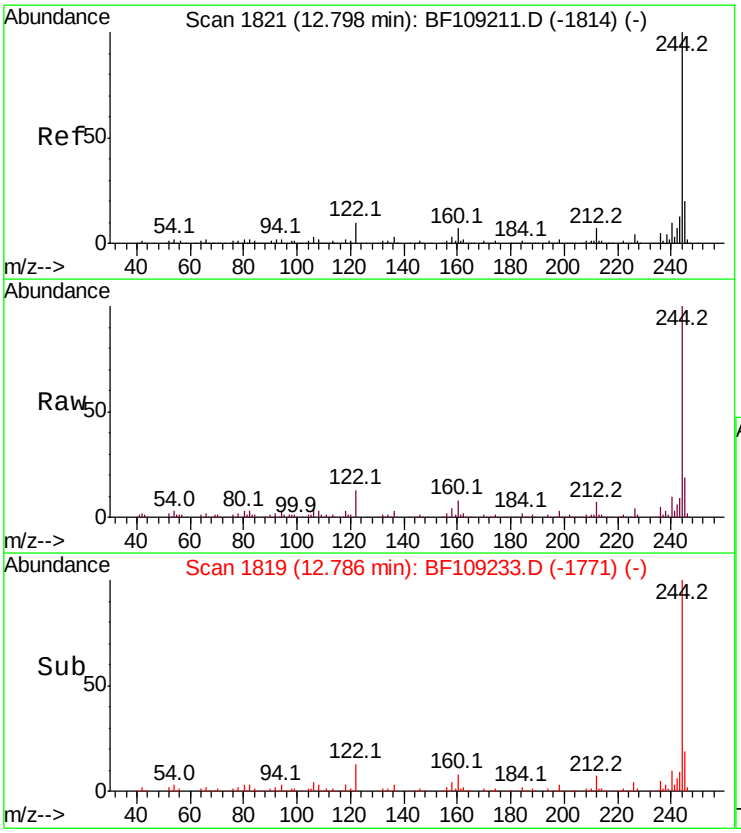
#77
Pyrene
Concen: 3.390 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 61117

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.6	14.3	21.5

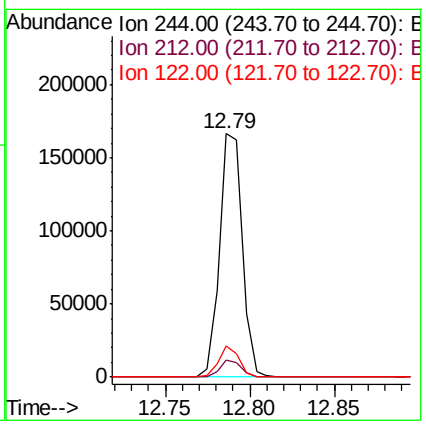


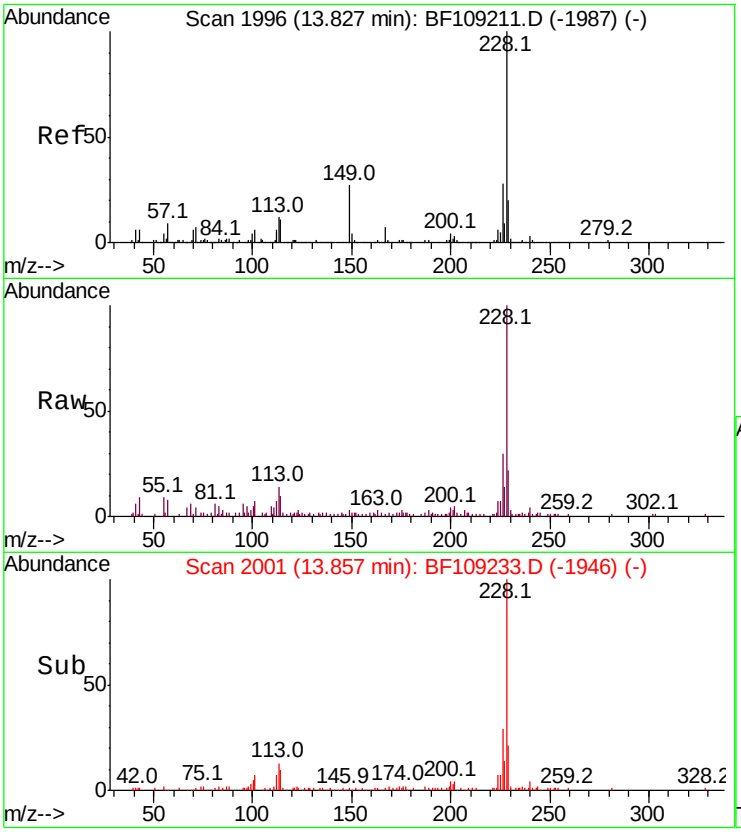


#78
Terphenyl-d14
Concen: 15.242 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:244 Resp: 156210

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	11.0	16.4



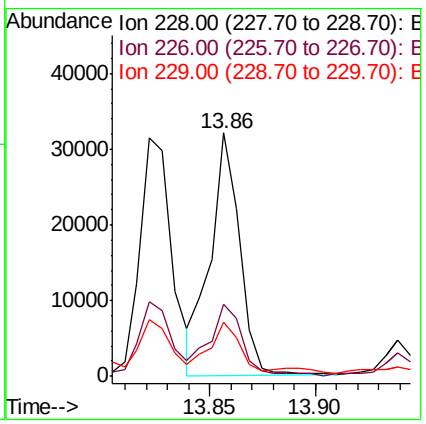


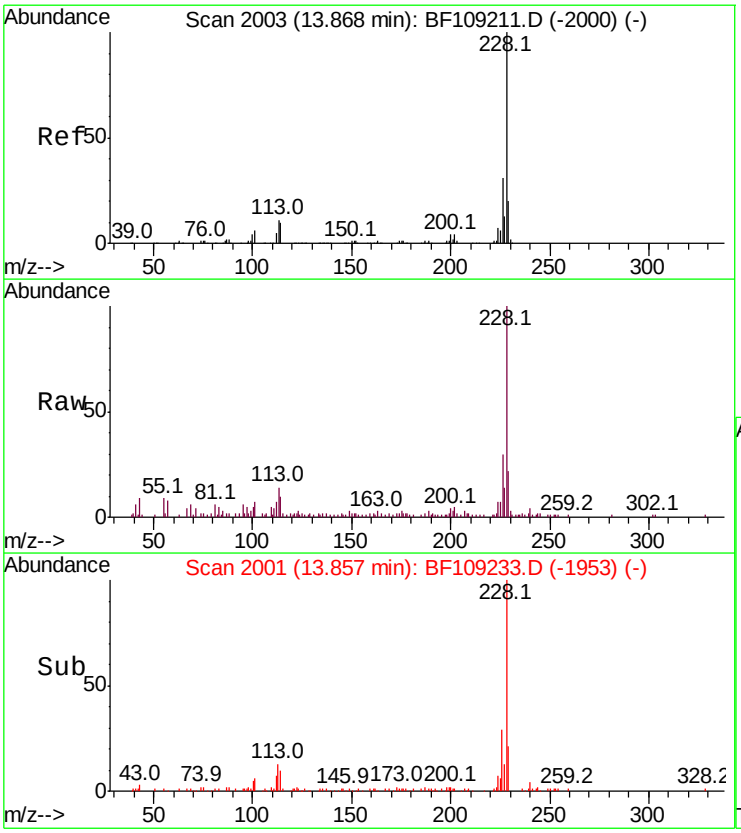
#80
Benzo(a)anthracene
Concen: 2.055 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 31130

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	22.5	15.8	23.6

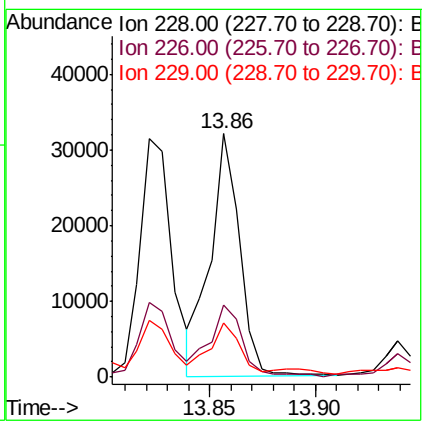


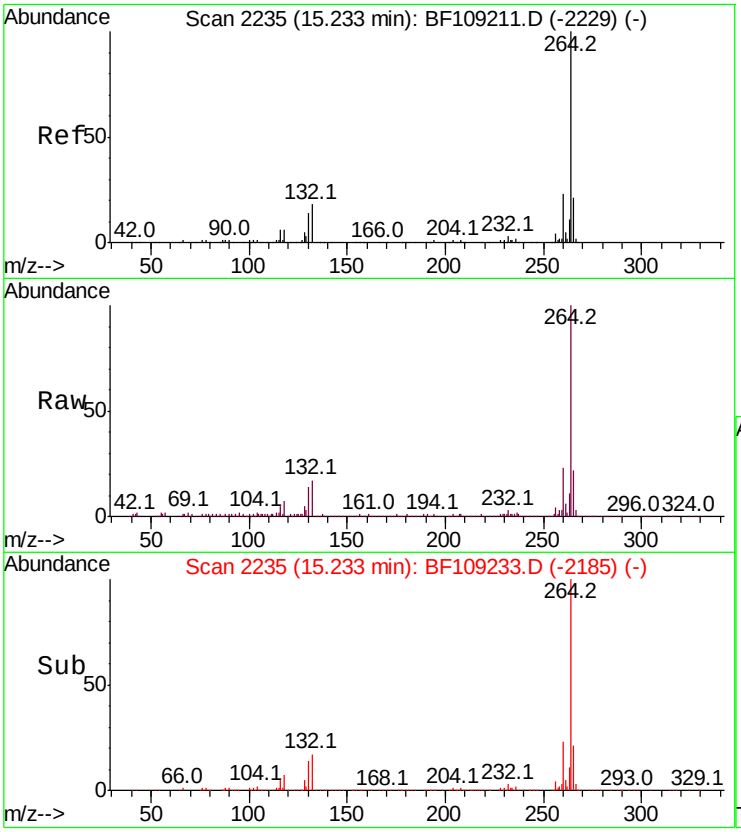


#82
Chrysene
Concen: 2.073 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:228 Resp: 31130

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.5	16.2	24.4



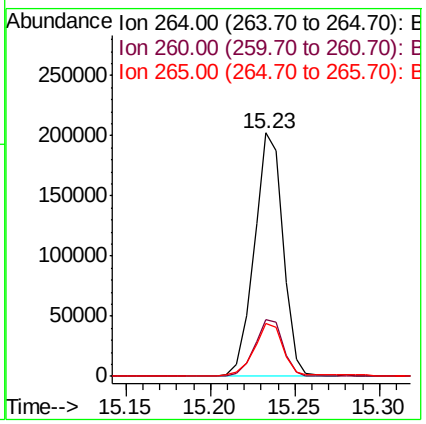


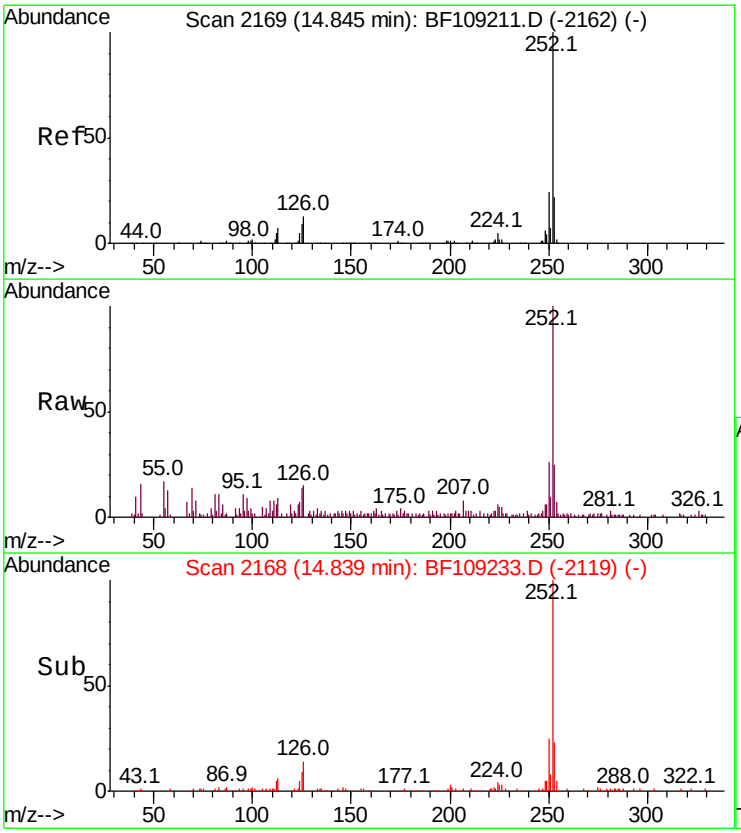
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 238578

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

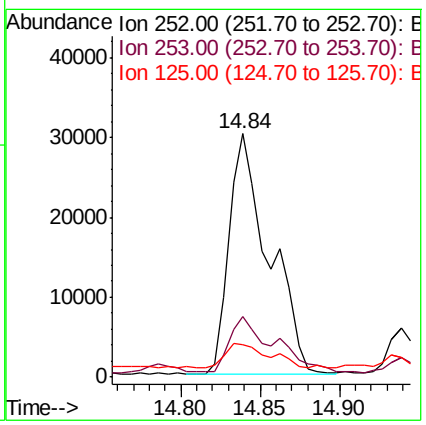


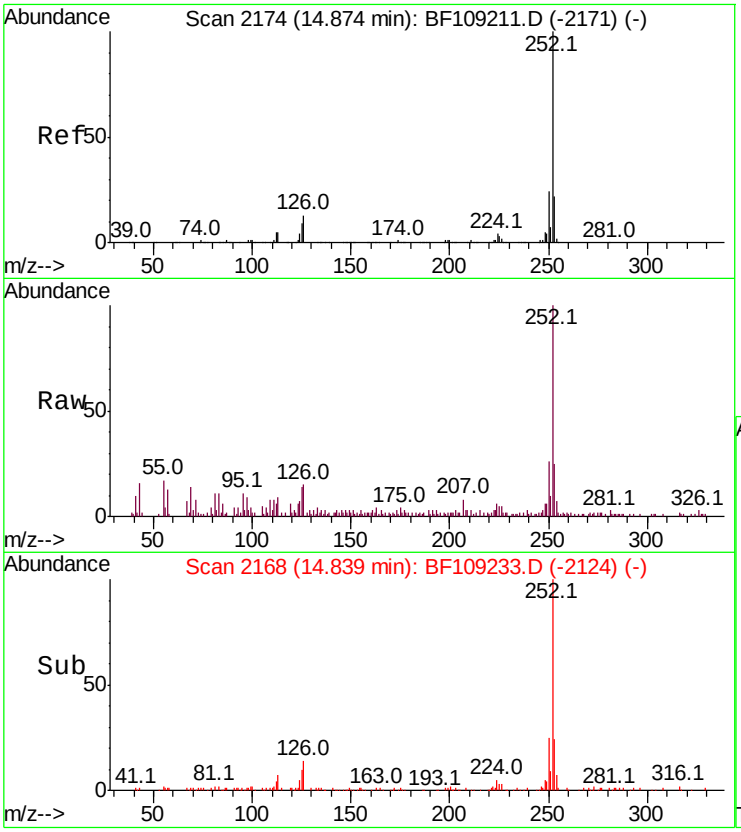


#87
Benzo(b)fluoranthene
Concen: 4.021 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:252 Resp: 52714

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	13.6	9.0	13.6



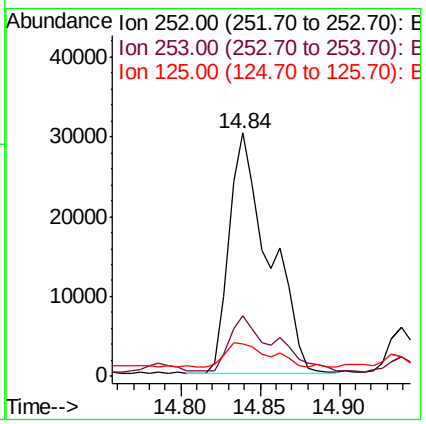


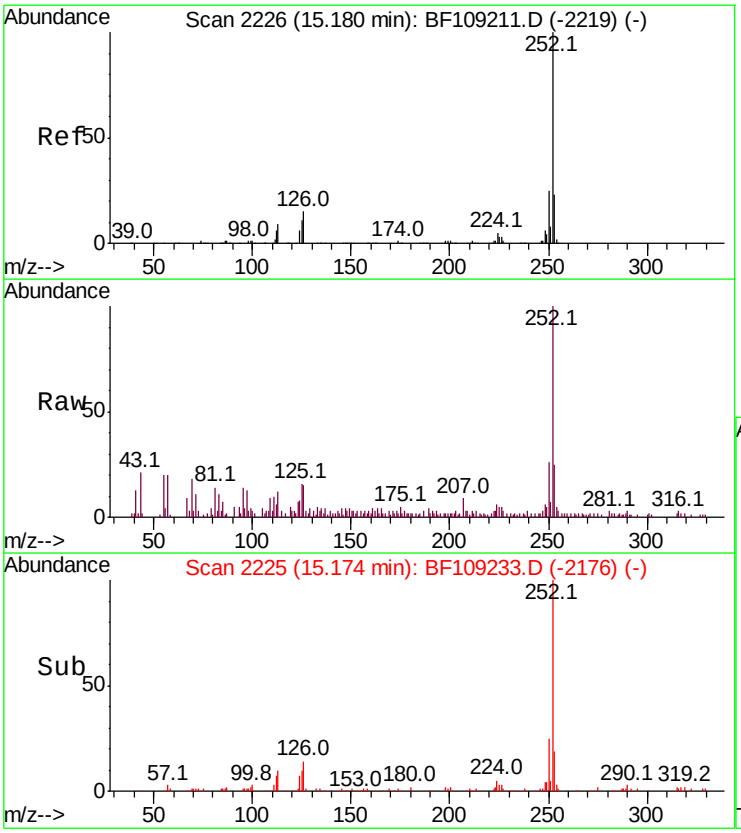
#88
Benzo(k)fluoranthene
Concen: 4.237 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52714

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	13.6	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.345 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion:252 Resp: 27699

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	15.7	9.8	14.6#