Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109407.D
Acq On : 28 Sep 2018 1:45
Operator : JU/SJ
Sample : J5084-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-13(1-1.5)

Quant Time: Sep 28 05:16:36 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	123424	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	471038	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	221688	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	376829	20.00	ng	0.00
75) Chrysene-d12	13.84	240	267896	20.00	ng	0.00
86) Perylene-d12	15.24	264	232977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	631521	84.28	ng	0.00
7) Phenol-d6	6.35	99	816844	85.43	ng	0.00
23) Nitrobenzene-d5	7.27	82	536382	67.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	196744	90.03	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	952088	64.77	ng	-0.01
78) Terphenyl-d14	12.80	244	706396	64.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	72843	11.626	ng	# 76
25) Isophorone	7.27	82	510540	35.531	ng	# 64
49) Dimethylphthalate	9.46	163	301666	18.709	ng	100
56) 2,4-Dinitrotoluene	9.74	165	28279	6.999	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	465	6.786	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11872	2.837	ng	# 1
70) Phenanthrene	11.24	178	117666	6.254	ng	97
74) Fluoranthene	12.42	202	147745	7.348	ng	95
77) Pyrene	12.64	202	150854	7.857	ng	98
80) Benzo(a)anthracene	13.83	228	61880	3.835	ng	96
82) Chrysene	13.86	228	70280	4.394	ng	98
87) Benzo(b)fluoranthene	14.84	252	87749	6.854	ng	94
88) Benzo(k)fluoranthene	14.84	252	87749	7.223	ng	97
89) Benzo(a)pyrene	15.18	252	46476	4.029	ng	99
91) Benzo(g,h,i)perylene	16.99	276	24885	2.676	ng	91

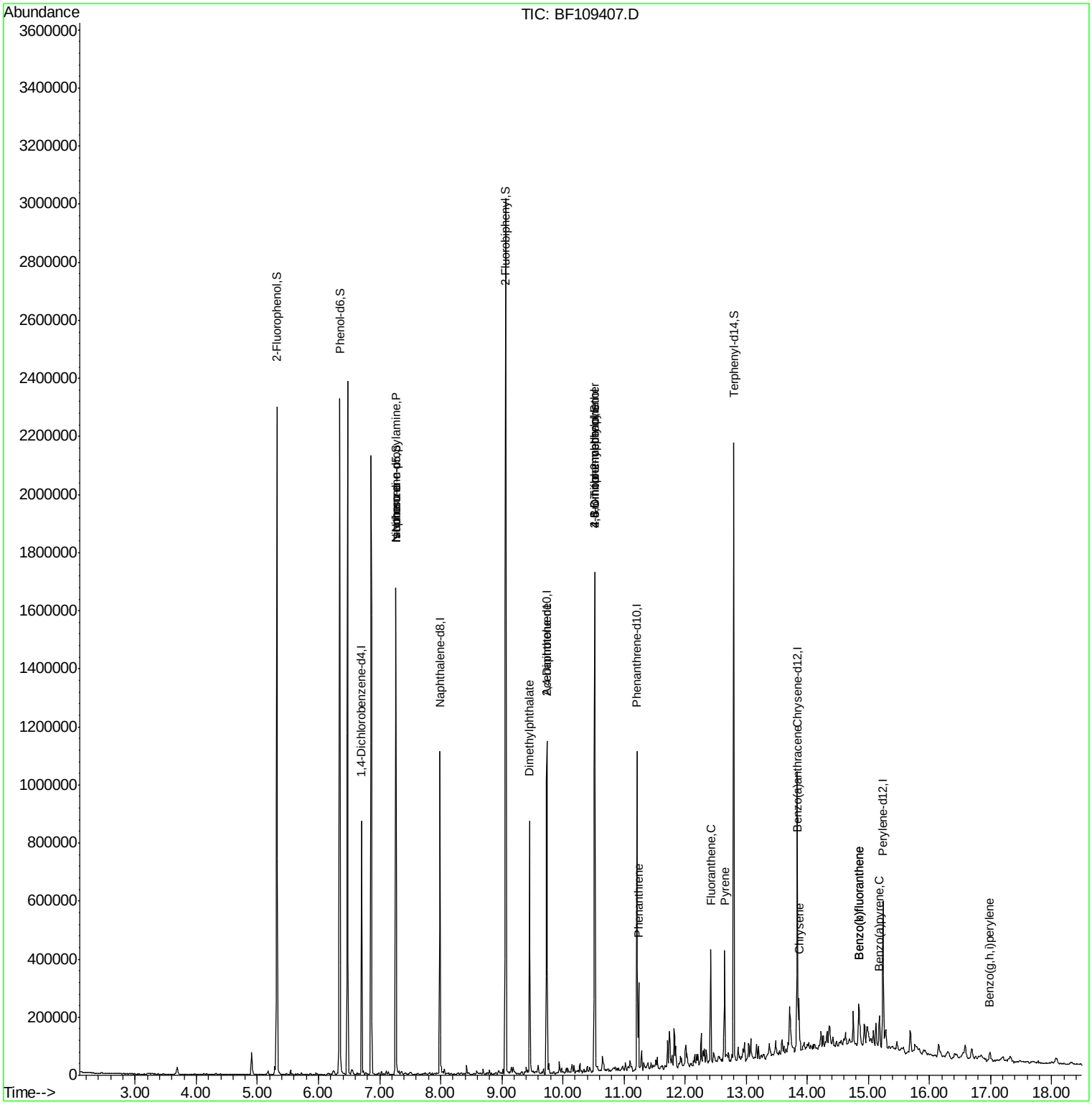
(#) = qualifier out of range (m) = manual integration (+) = signals summed

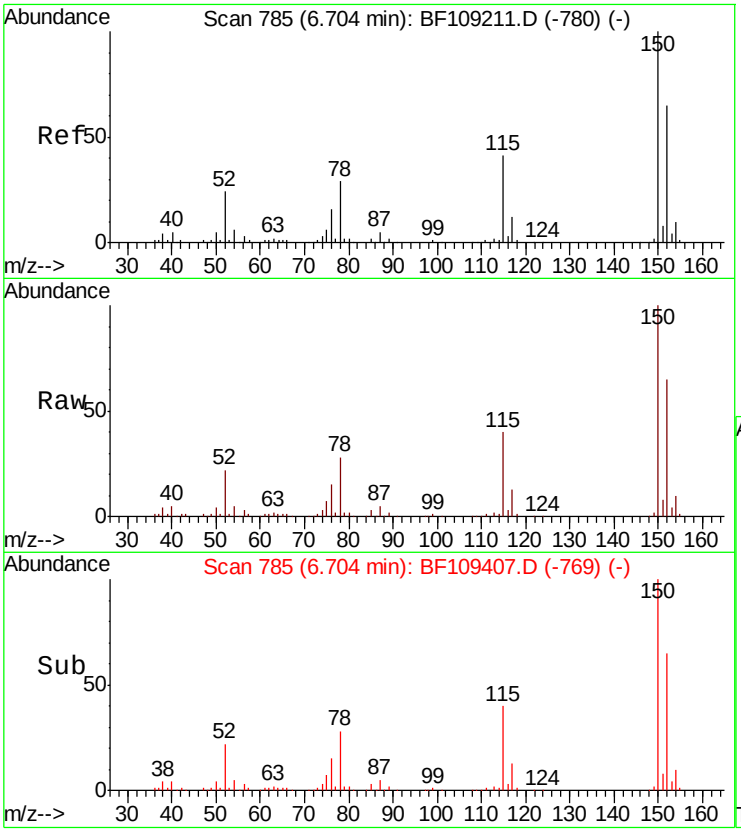
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109407.D
Acq On : 28 Sep 2018 1:45
Operator : JU/SJ
Sample : J5084-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Quant Time: Sep 28 05:16:36 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



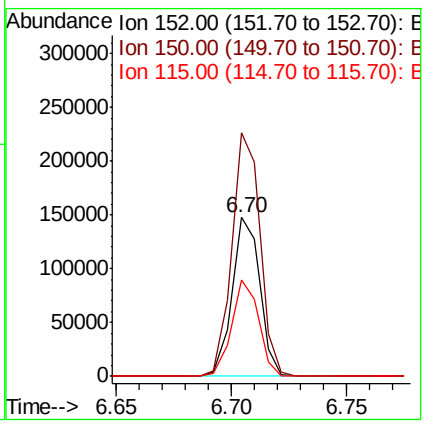


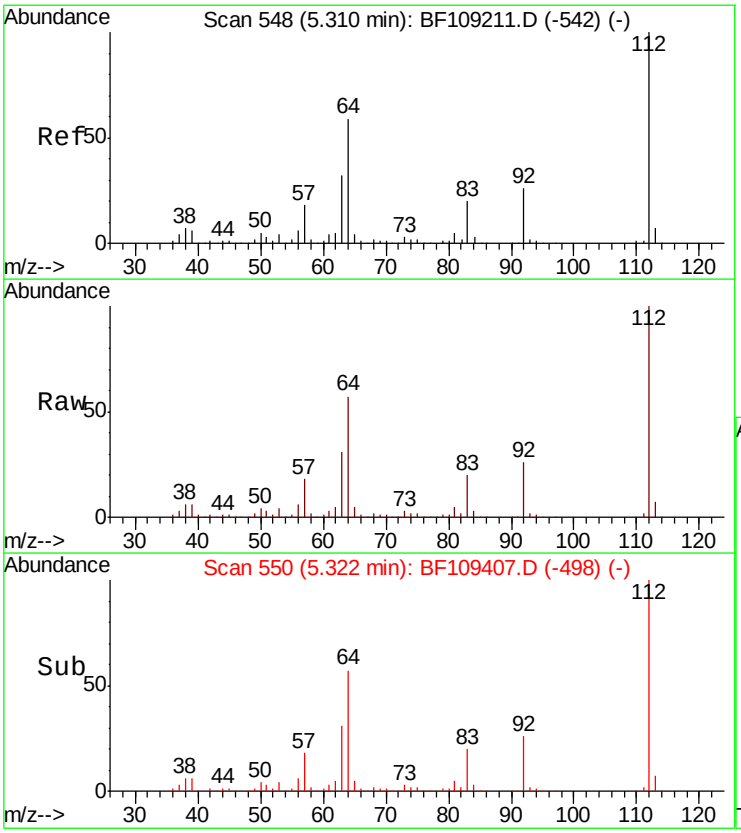
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:152 Resp: 123424

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	61.0	50.1	75.1

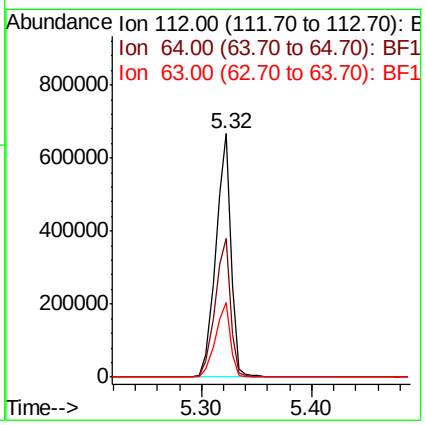


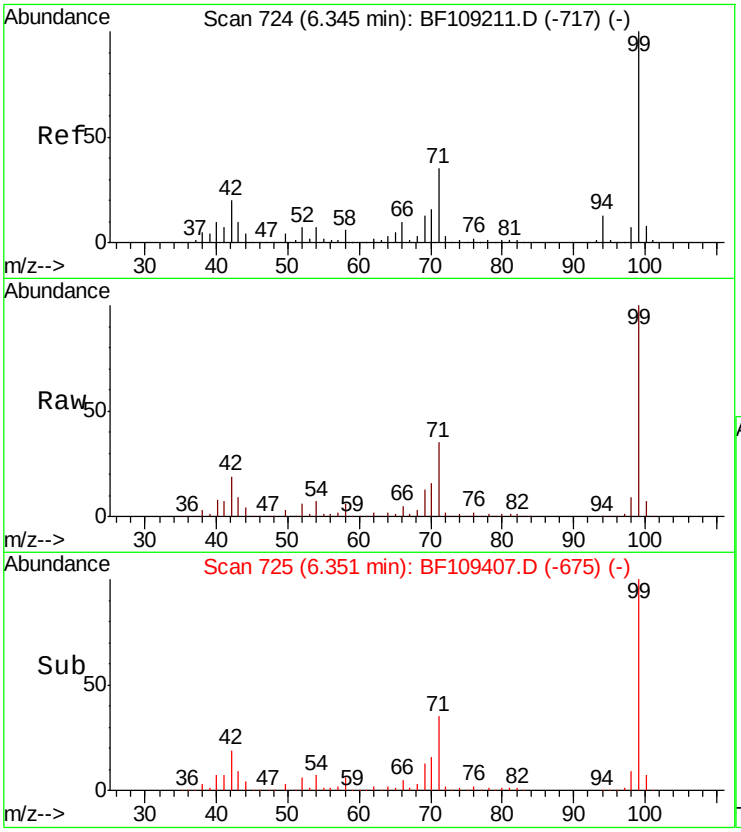


#5
2-Fluorophenol
Concen: 84.276 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:112 Resp: 631521

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	30.8	23.7	35.5



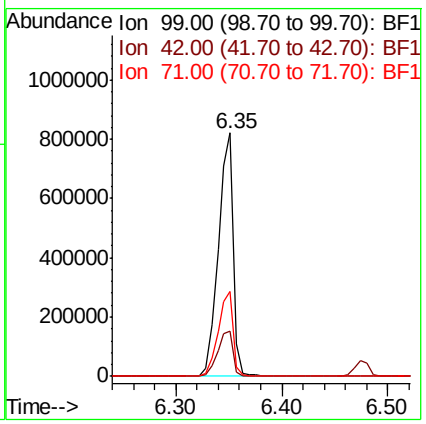


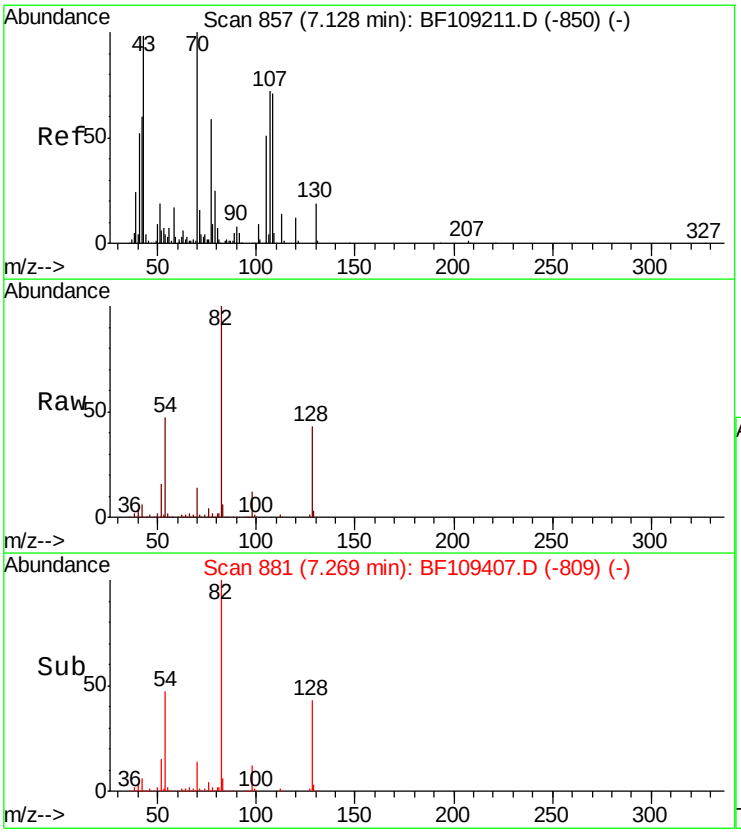
#7
Phenol-d6
Concen: 85.426 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion: 99 Resp: 816844

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	35.0	25.4	38.0

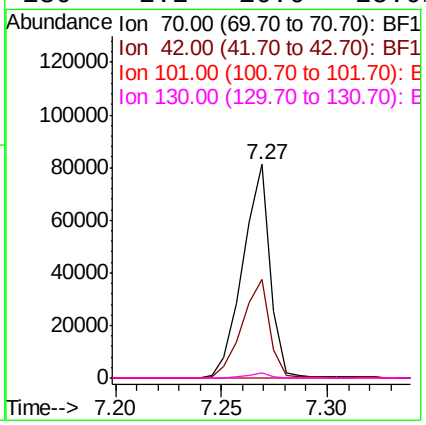


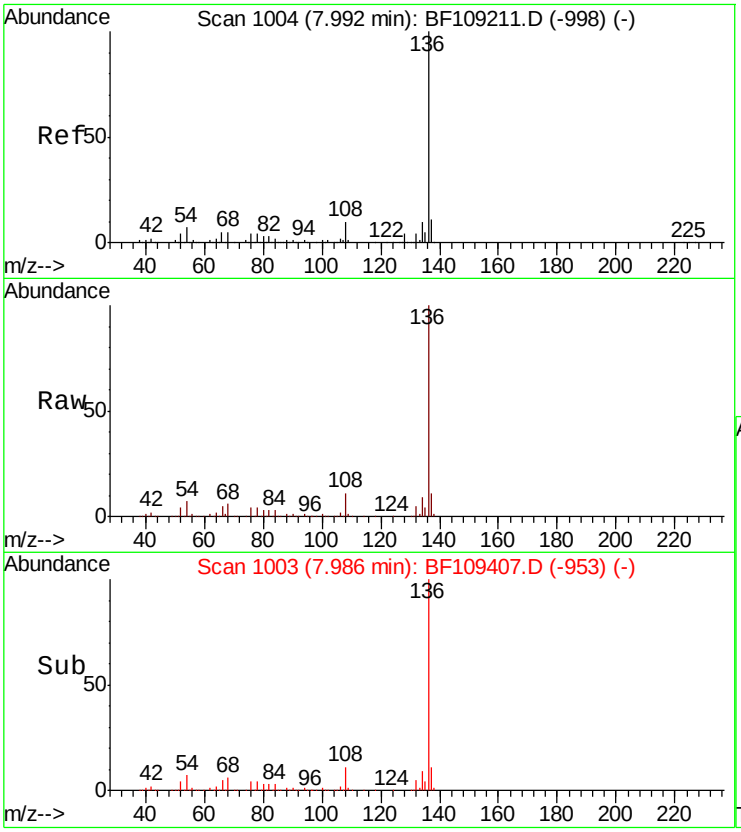


#19
n-Nitroso-di-n-propylamine
Concen: 11.626 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion: 70 Resp: 72843

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



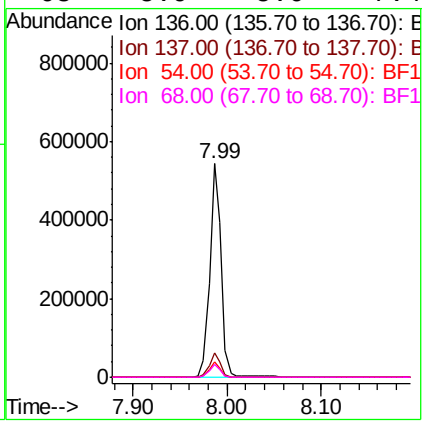


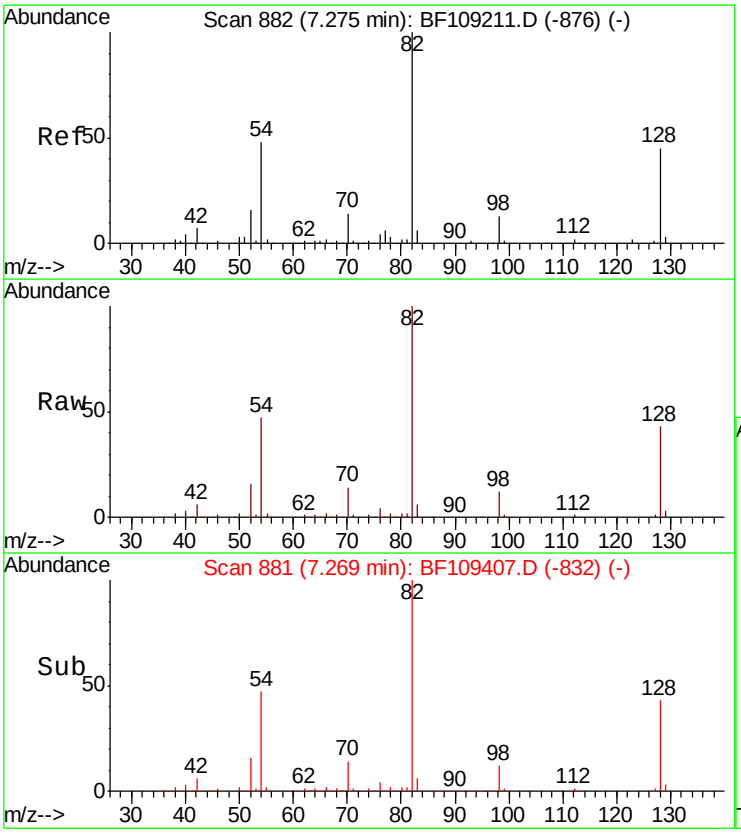
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:136 Resp: 471038

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

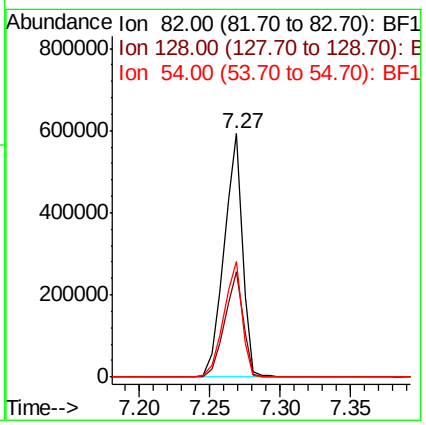


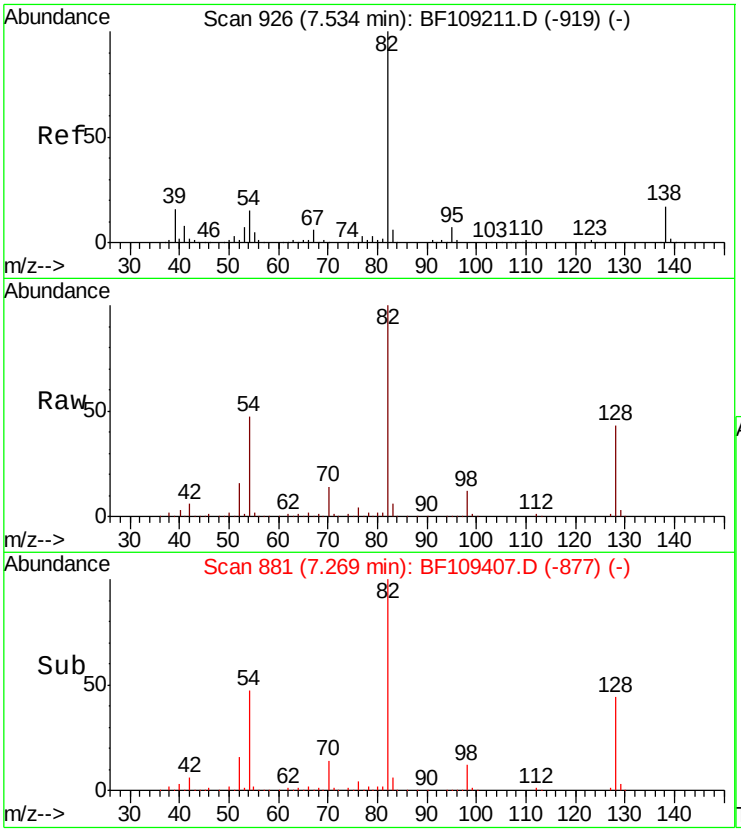


#23
Nitrobenzene-d5
Concen: 67.221 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion: 82 Resp: 536382

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	47.3	41.4	62.2



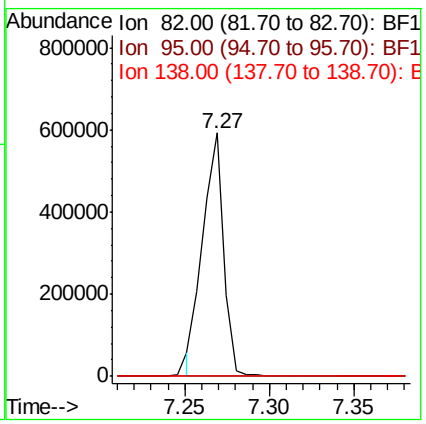


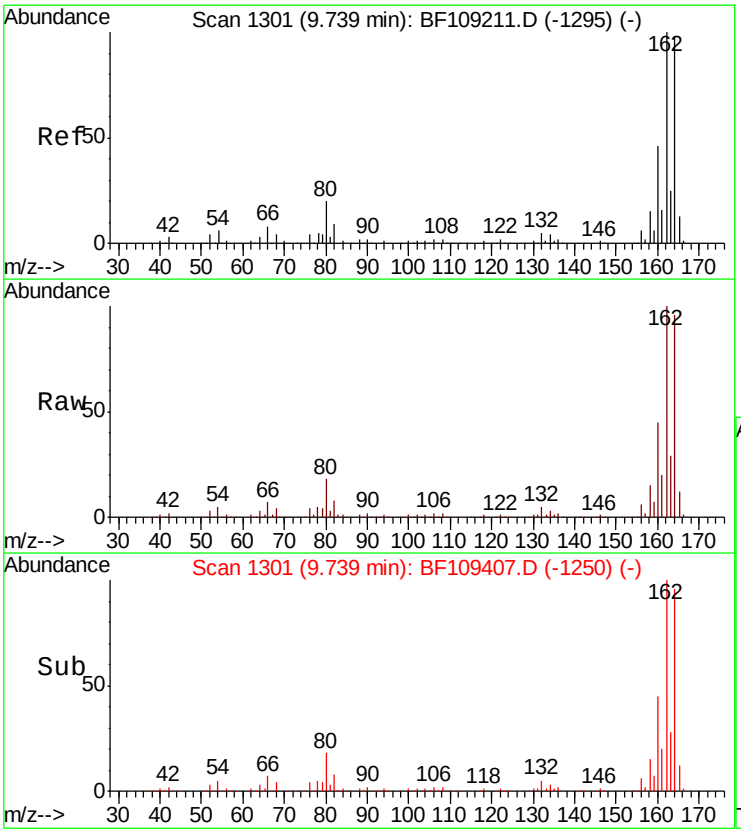
#25
Isophorone
Concen: 35.531 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion: 82 Resp: 510540

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

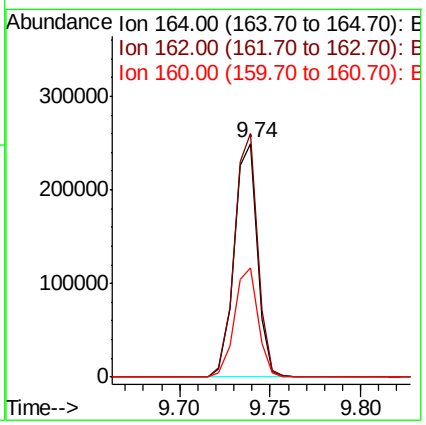


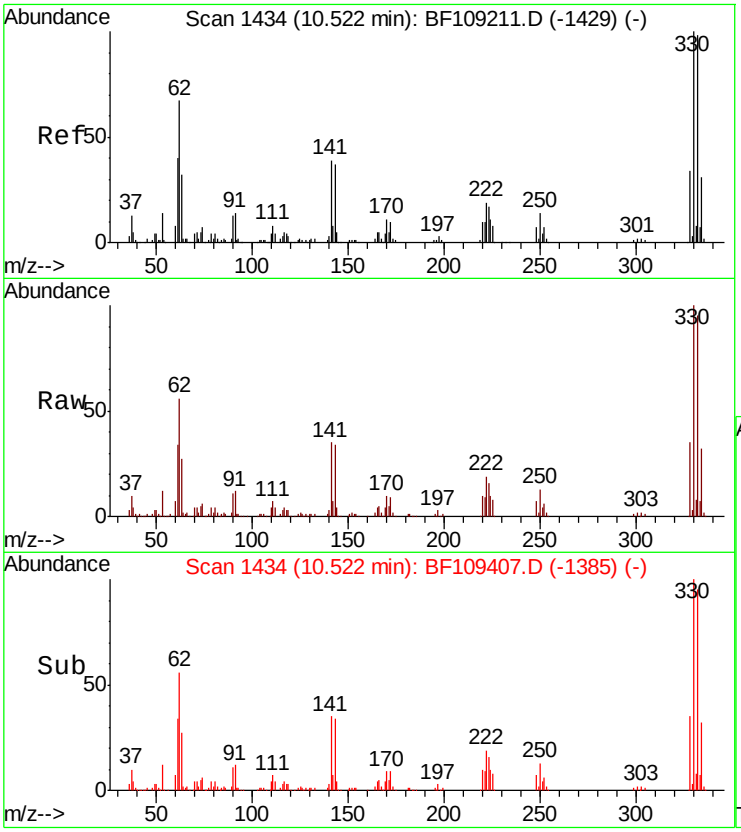


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:164 Resp: 221688

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.9	38.3	57.5



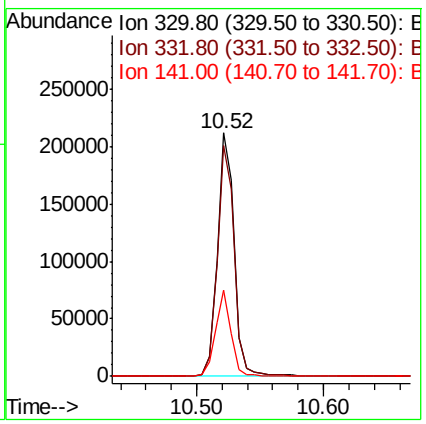


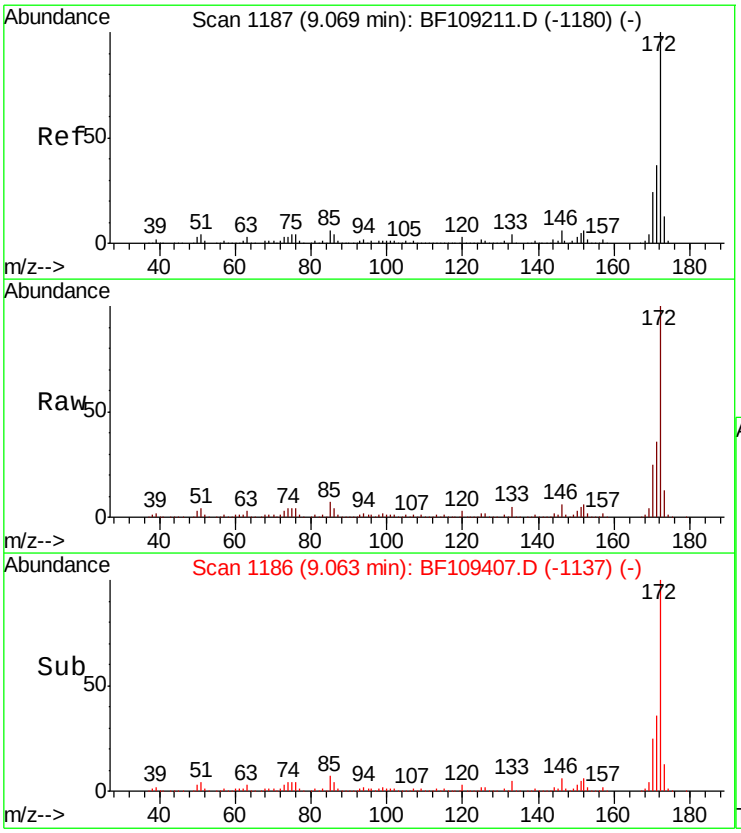
#41
2,4,6-Tribromophenol
Concen: 90.027 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:330 Resp: 196744

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.8	29.9	44.9

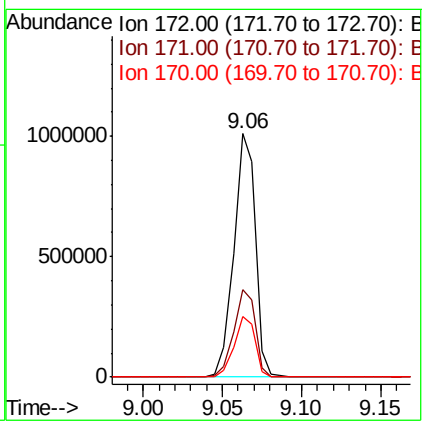


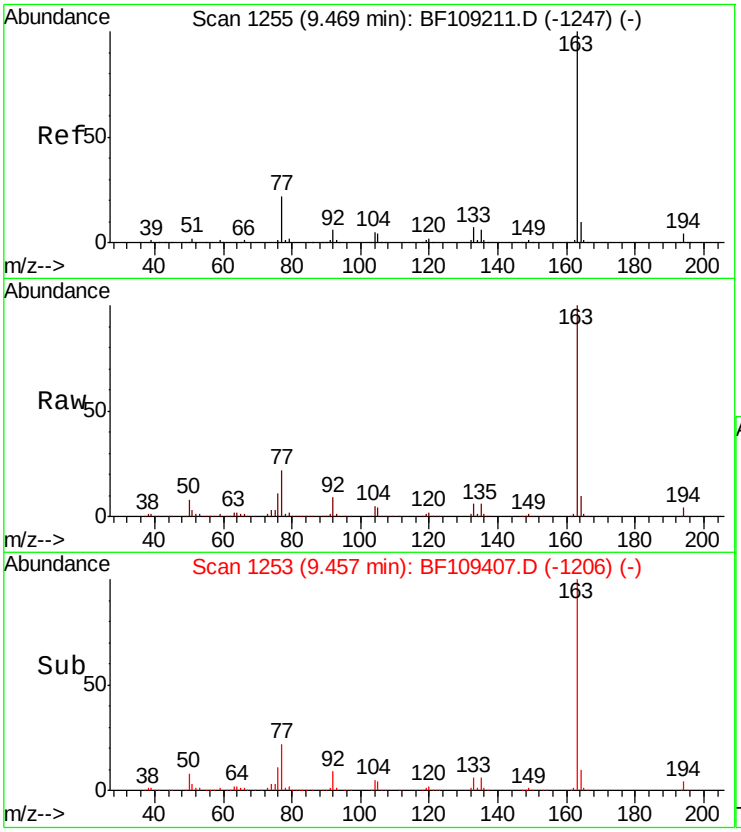


#44
2-Fluorobiphenyl
Concen: 64.773 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:172 Resp: 952088

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.6	19.6	29.4



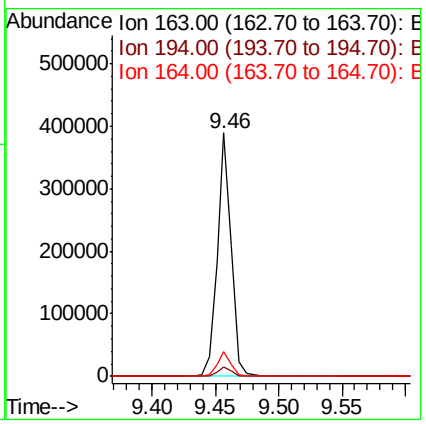


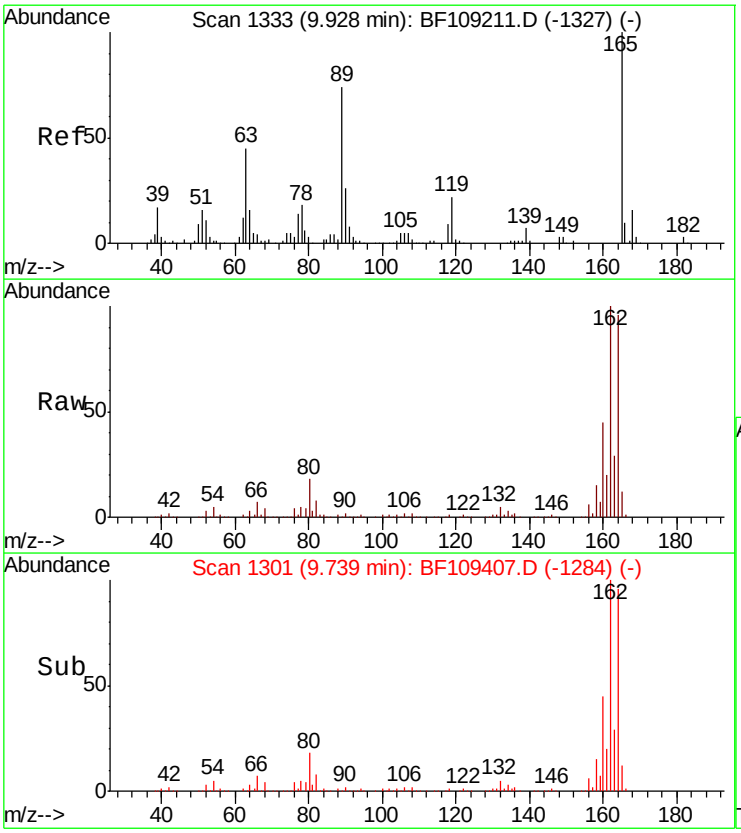
#49
Dimethylphthalate
Concen: 18.709 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:163 Resp: 301666

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

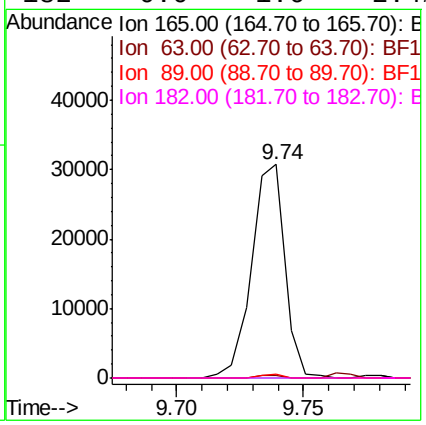


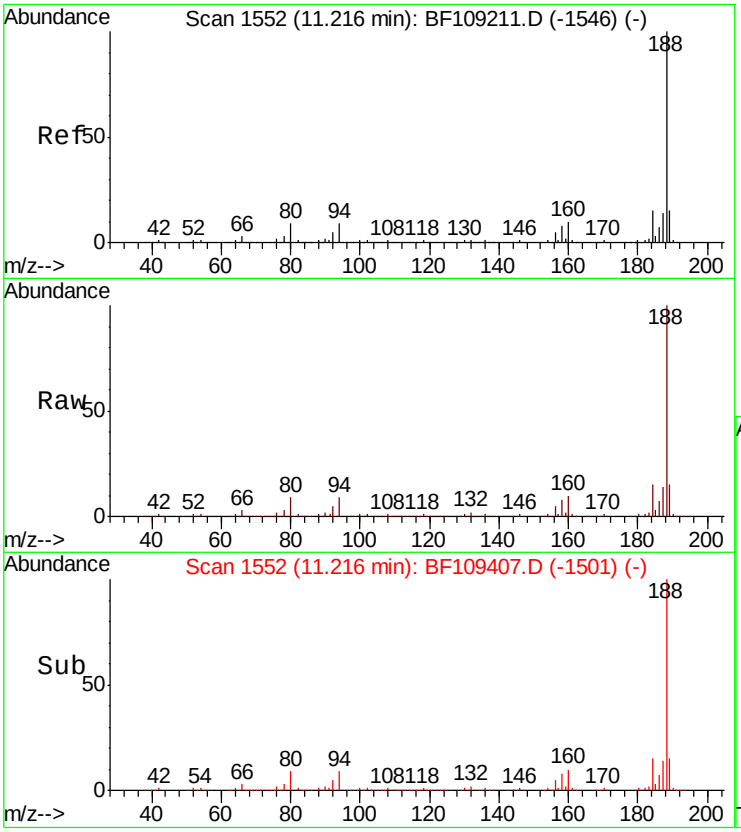


#56
2,4-Dinitrotoluene
Concen: 6.999 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:165 Resp: 28279

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



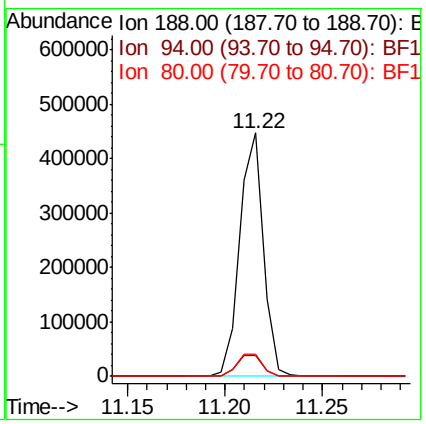


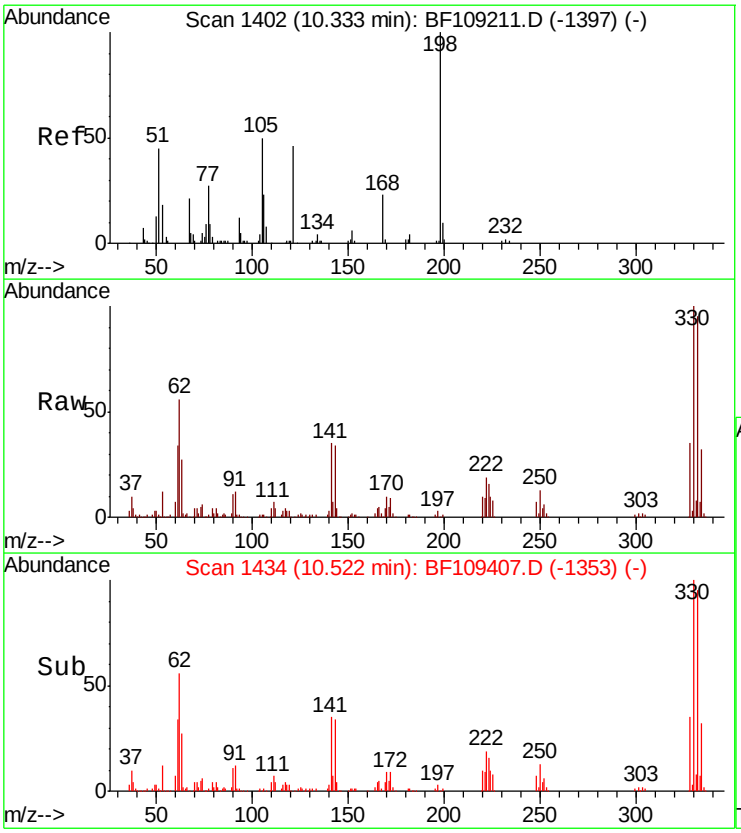
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:188 Resp: 376829

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.0	9.2	13.8#

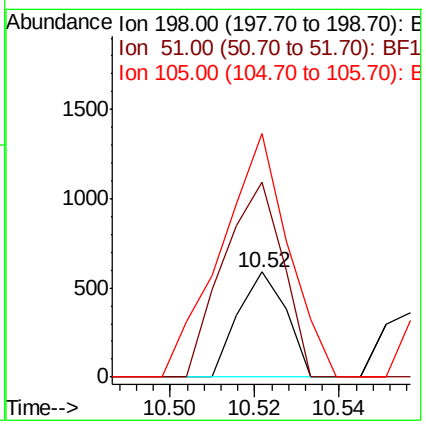


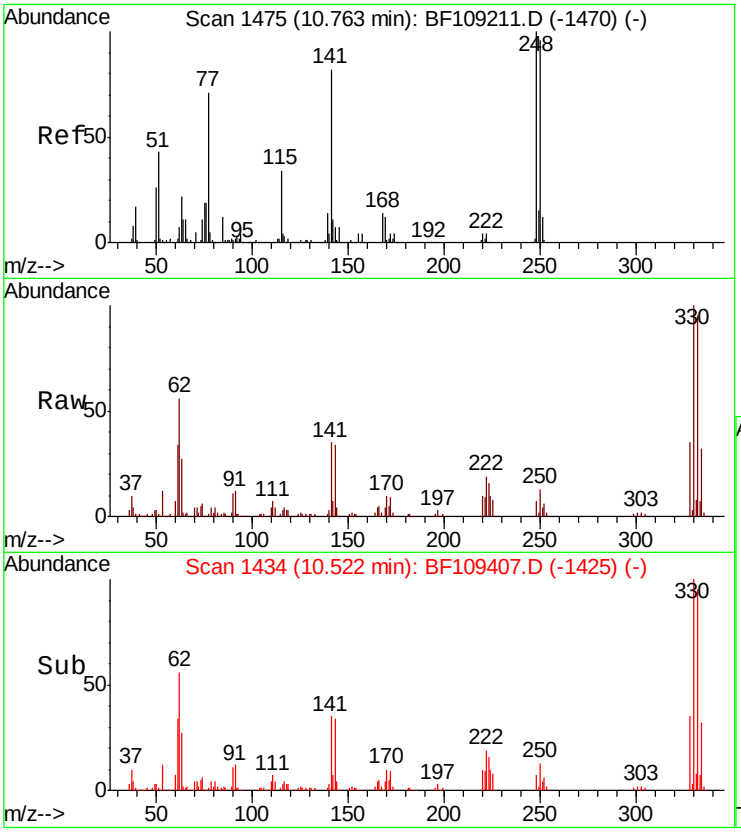


#64
4,6-Dinitro-2-methylphenol
Concen: 6.786 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:198 Resp: 465

Ion	Ratio	Lower	Upper
198	100		
51	186.2	37.7	77.7#
105	232.1	36.3	76.3#



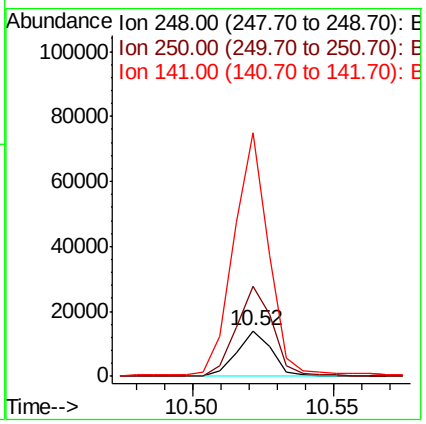


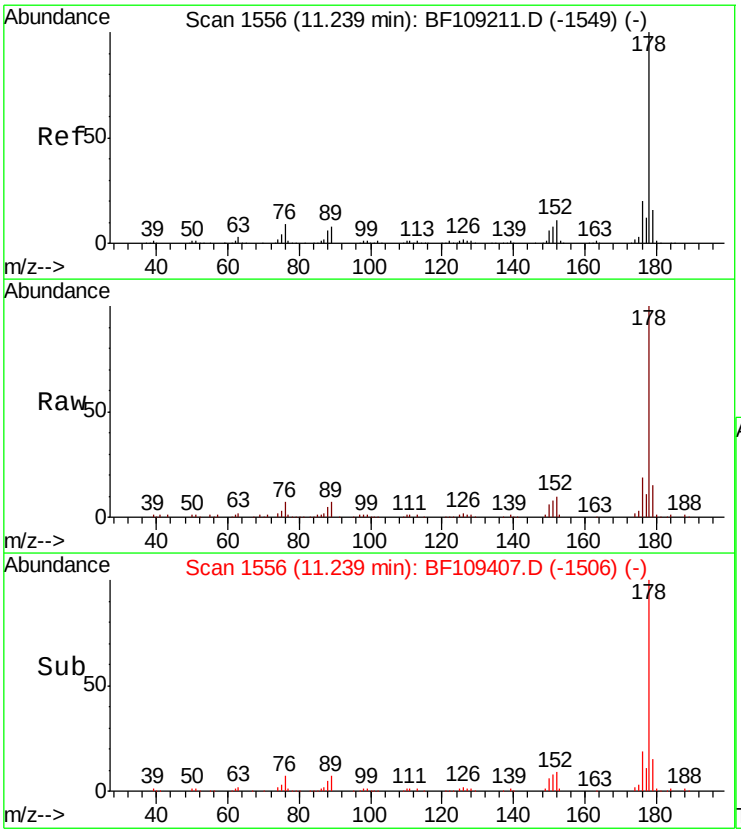
#66
4-Bromophenyl-phenylether
Concen: 2.837 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:248 Resp: 11872

Ion	Ratio	Lower	Upper
248	100		
250	197.7	76.9	115.3#
141	537.4	74.4	111.6#

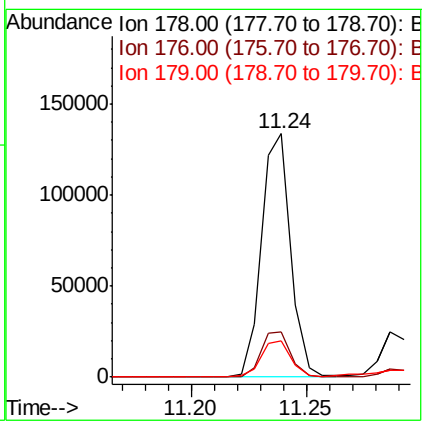


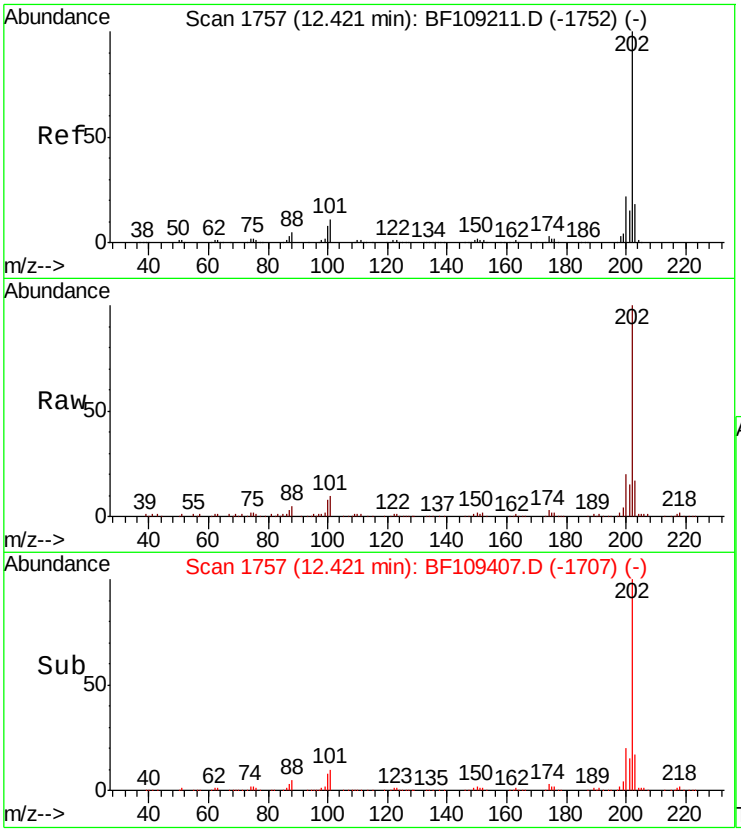


#70
Phenanthrene
Concen: 6.254 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:178 Resp: 117666

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	13.0	19.6



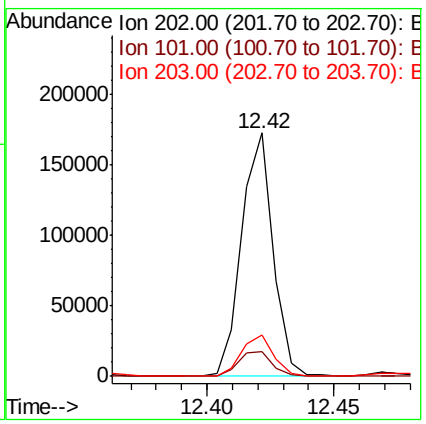


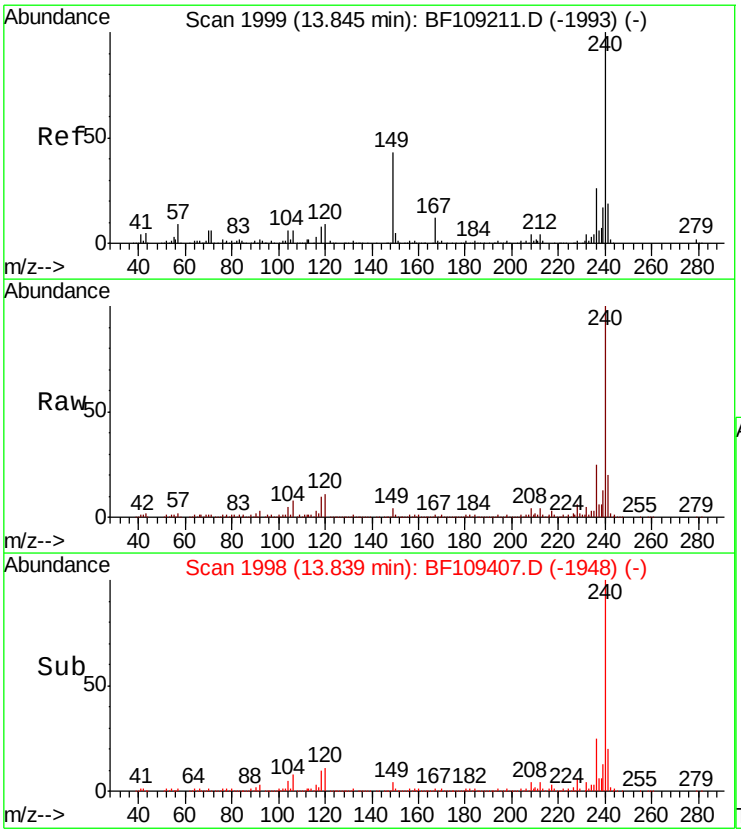
#74
Fluoranthene
Concen: 7.348 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:202 Resp: 147745

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.2	0.0	38.1

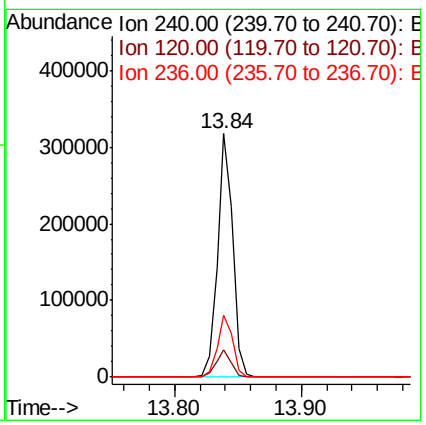


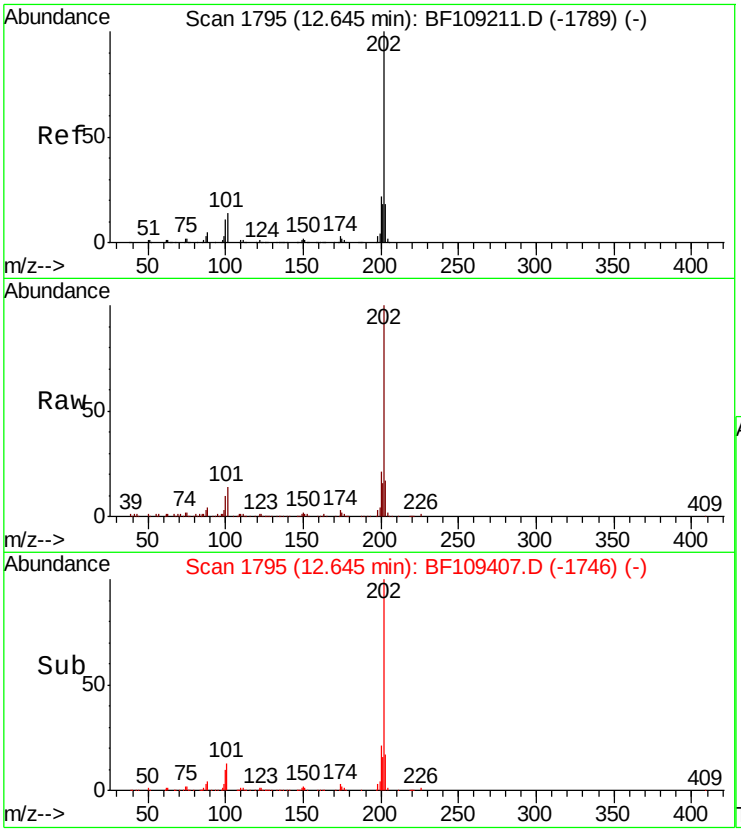


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:240 Resp: 267896

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.5	20.7	31.1



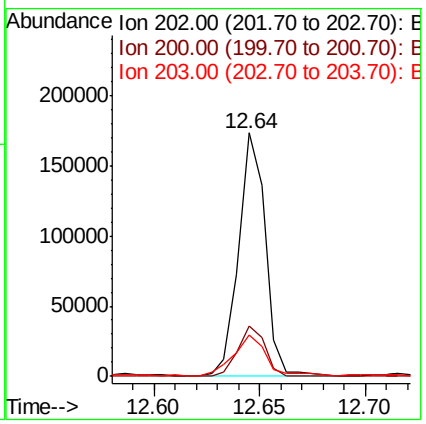


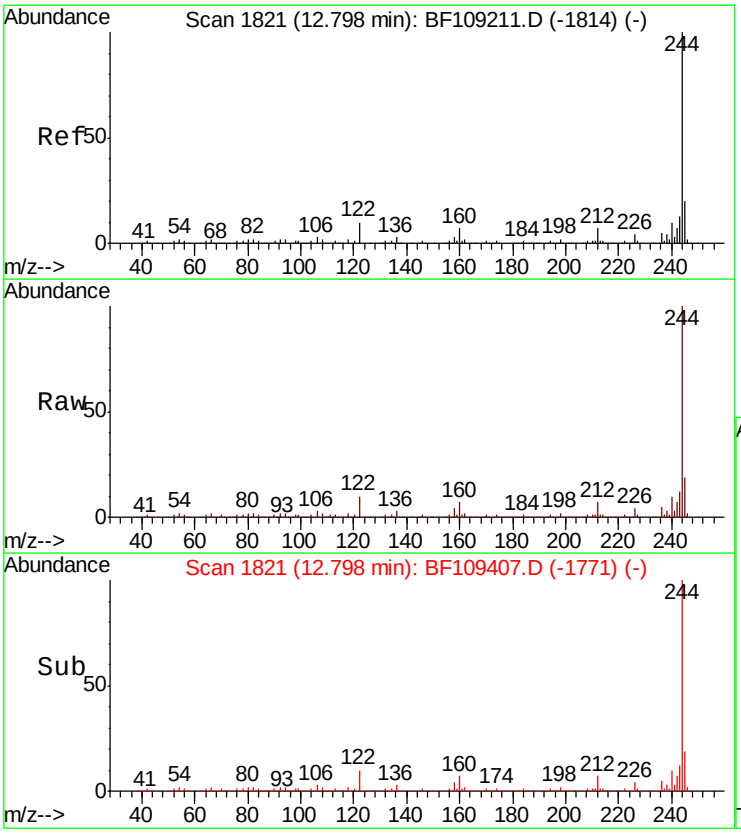
#77
Pyrene
Concen: 7.857 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:202 Resp: 150854

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.2	14.3	21.5

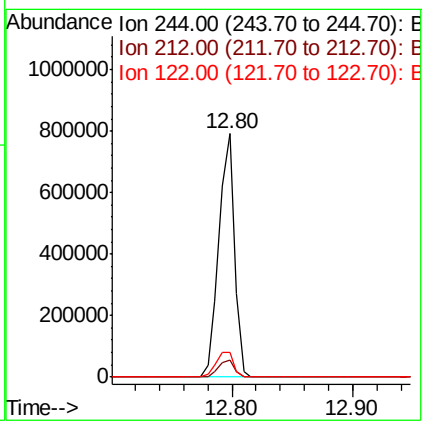


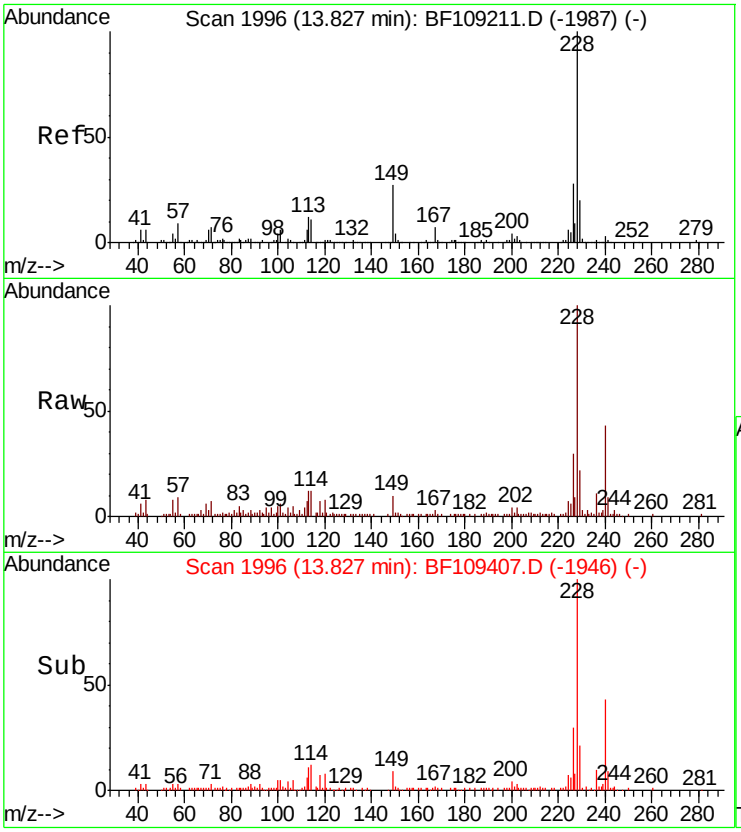


#78
Terphenyl-d14
Concen: 64.712 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:244 Resp: 706396

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.4	11.0	16.4#



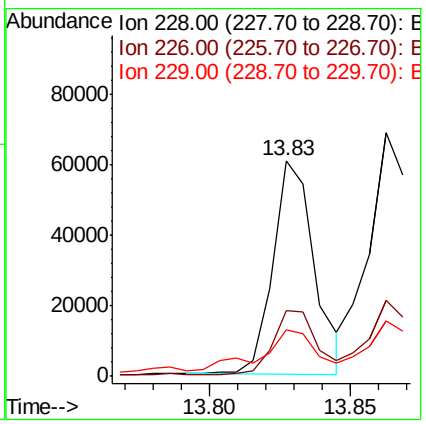


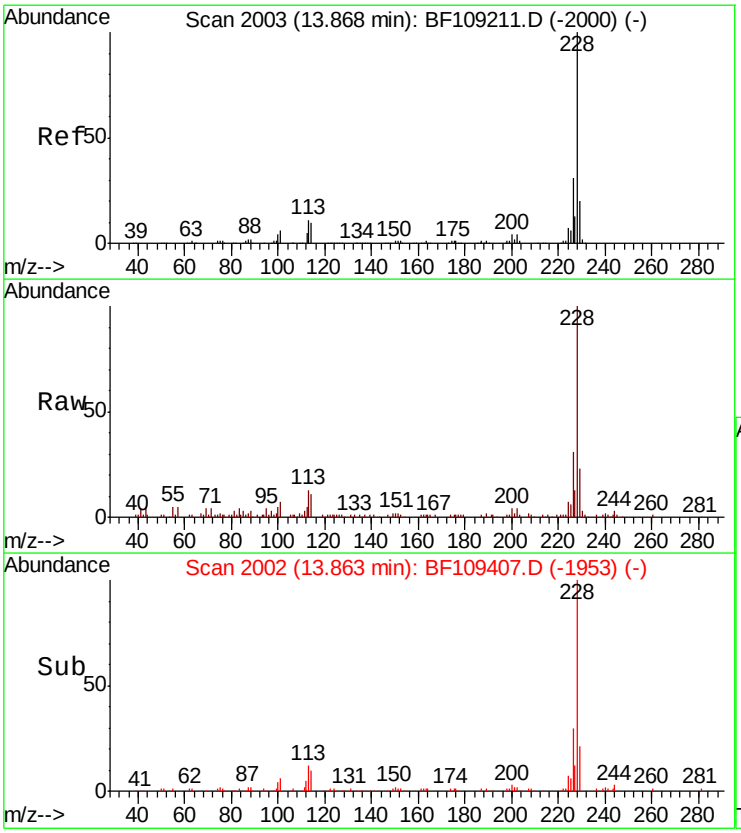
#80
Benzo(a)anthracene
Concen: 3.835 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:228 Resp: 61880

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.6	15.8	23.6

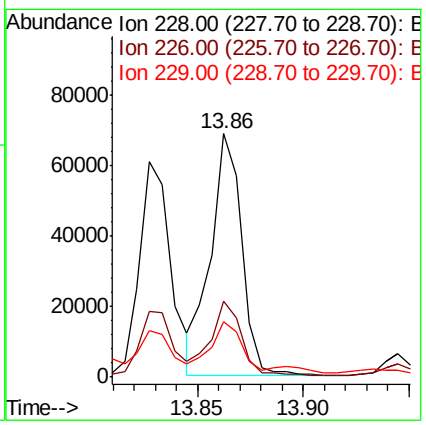


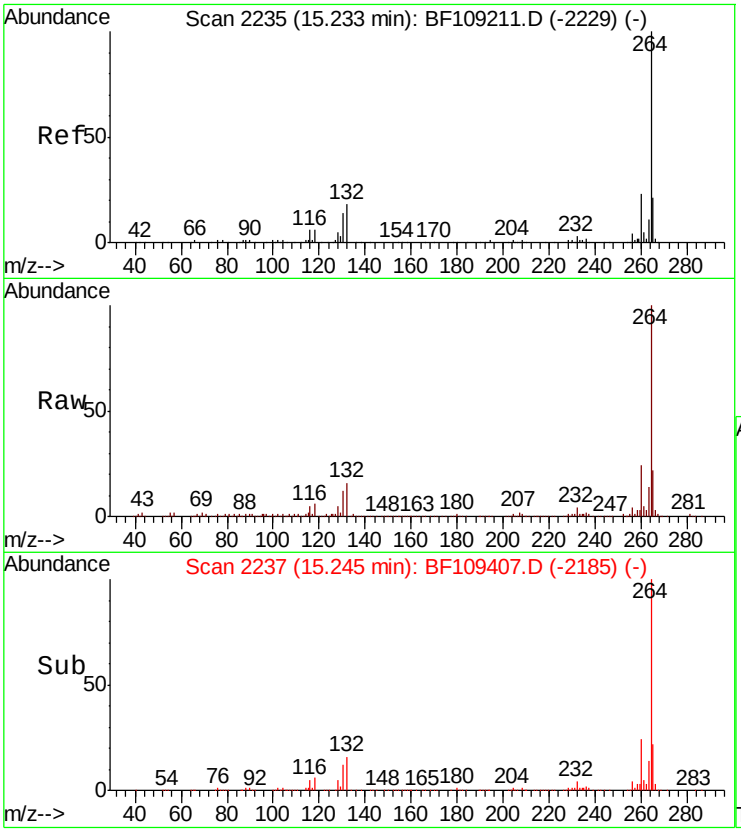


#82
Chrysene
Concen: 4.394 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:228 Resp: 70280

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.9	16.2	24.4



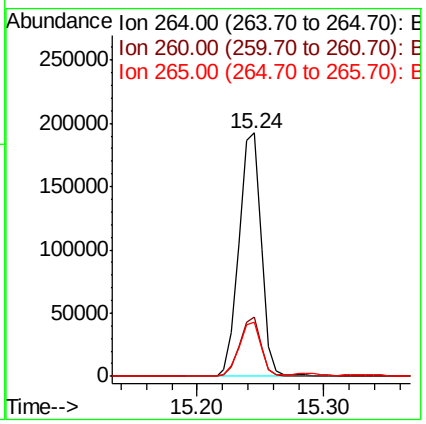


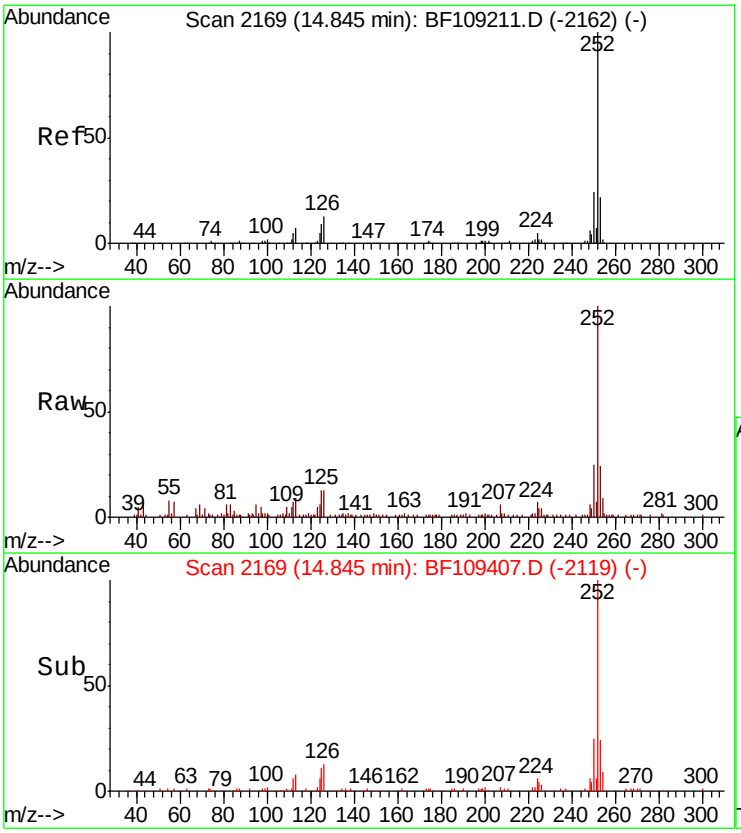
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:264 Resp: 232977

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

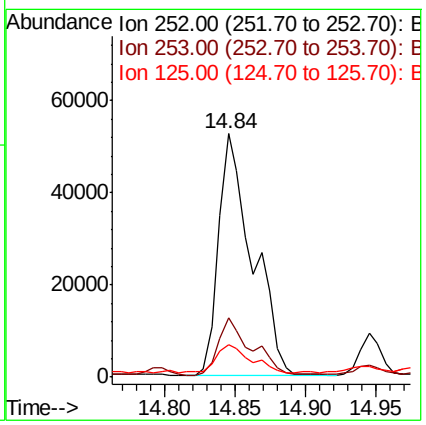


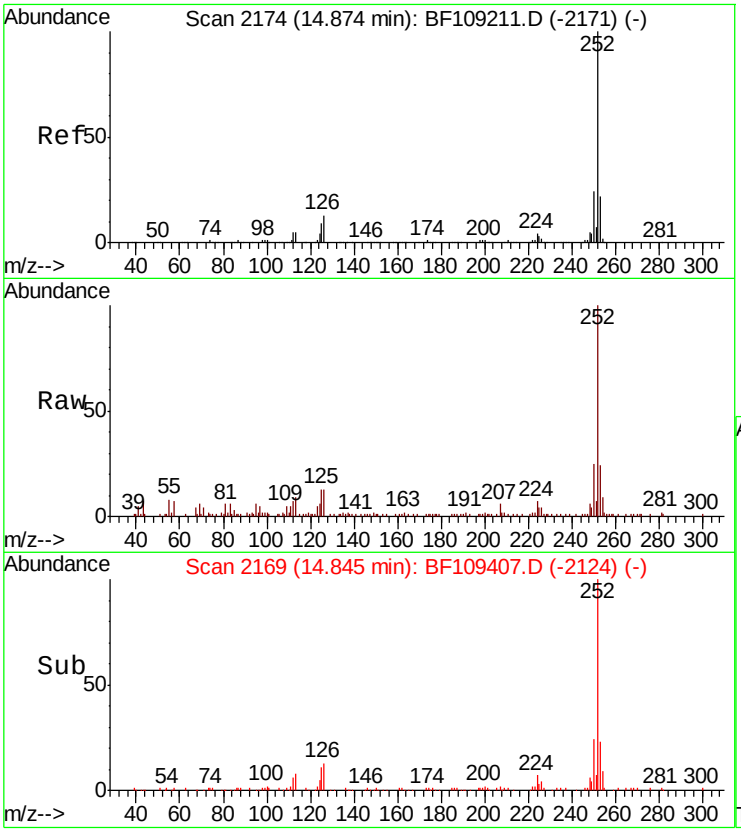


#87
Benzo(b)fluoranthene
Concen: 6.854 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:252 Resp: 87749

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	13.1	9.0	13.6



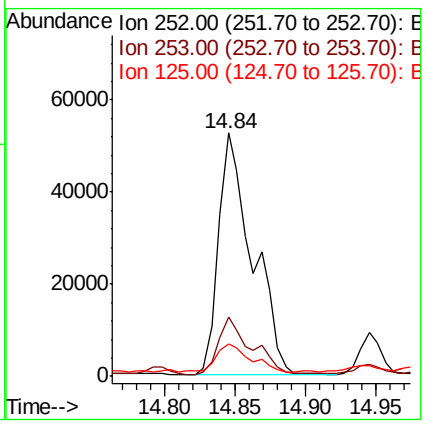


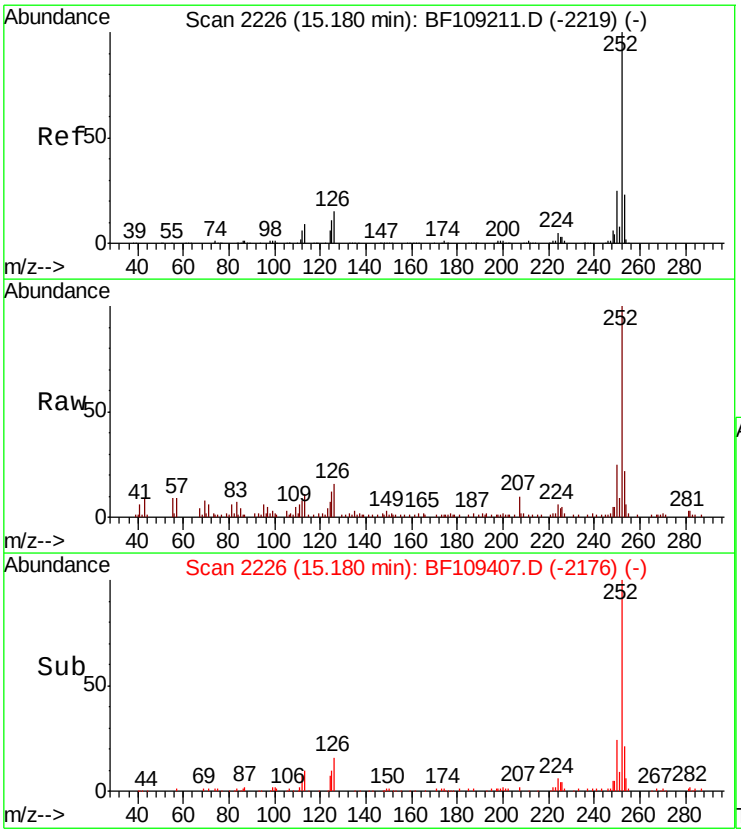
#88
Benzo(k)fluoranthene
Concen: 7.223 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:252 Resp: 87749

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	13.1	10.2	15.2

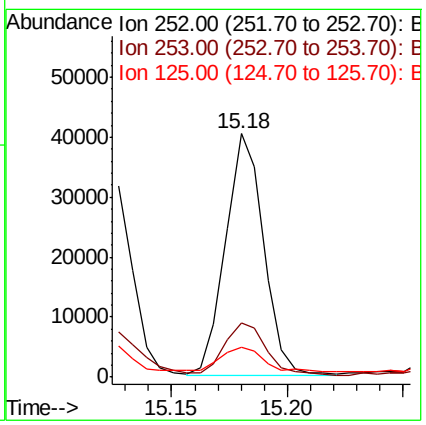


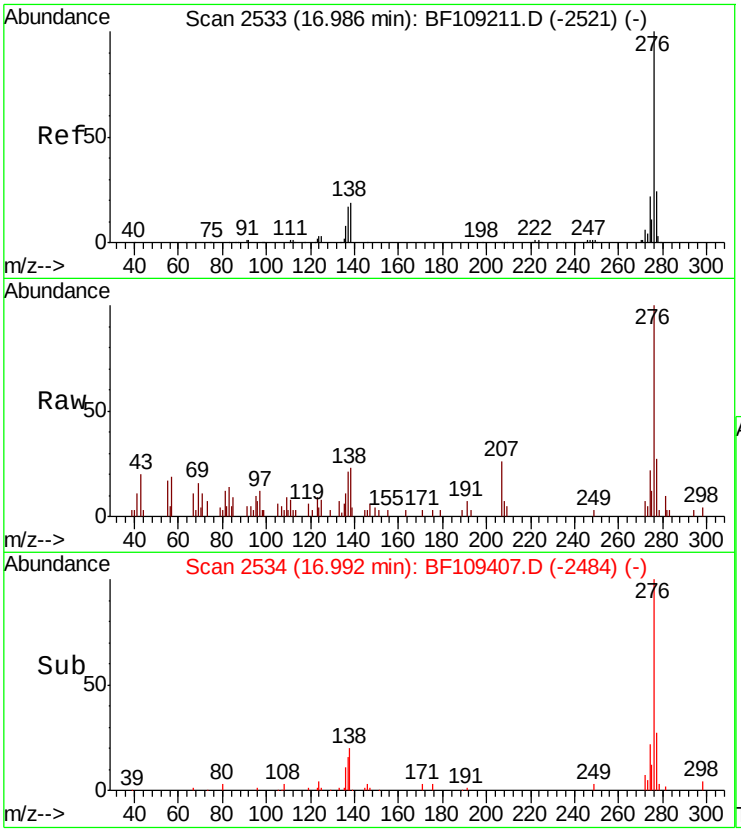


#89
Benzo(a)pyrene
Concen: 4.029 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Tgt Ion:252 Resp: 46476

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.676 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF109407.D
Acq: 28 Sep 2018 1:45

Instrument :
BNA_F
ClientSampleId :
B-13(1-1.5)

Tgt Ion:276 Resp: 24885

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9
138	22.7	21.8	32.8