Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109445.D
Acq On : 28 Sep 2018 22:03
Operator : JU/SJ
Sample : J5102-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1

Quant Time: Sep 29 02:14:14 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	6.71	152	104662	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	356311	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	139423	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	248562	20.00	ng		0.00
75) Chrysene-d12	13.85	240	195603	20.00	ng		0.00
86) Perylene-d12	15.24	264	149391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	483021	76.01	ng		0.00
7) Phenol-d6	6.35	99	597118	73.64	ng		0.00
23) Nitrobenzene-d5	7.27	82	350307	58.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	108225	78.74	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	583118	63.08	ng		-0.01
78) Terphenyl-d14	12.80	244	493645	61.94	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	47133	8.871	ng	#	78
25) Isophorone	7.27	82	306041	28.157	ng	#	64
49) Dimethylphthalate	9.46	163	149287	14.722	ng		99
56) 2,4-Dinitrotoluene	9.74	165	17858	7.027	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.52	198	117	6.621	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	6684	2.422	ng	#	1
70) Phenanthrene	11.24	178	122407	9.863	ng		97
74) Fluoranthene	12.42	202	133719	10.082	ng		97
77) Pyrene	12.65	202	138120	9.853	ng		99
80) Benzo(a)anthracene	13.83	228	50554	4.291	ng		92
82) Chrysene	13.87	228	58850	5.040	ng		98
87) Benzo(b)fluoranthene	14.85	252	52774	6.429	ng		96
88) Benzo(k)fluoranthene	14.85	252	52774	6.775	ng		99
89) Benzo(a)pyrene	15.19	252	28452	3.846	ng		95
91) Benzo(g,h,i)perylene	17.00	276	15346	2.573	ng	#	88

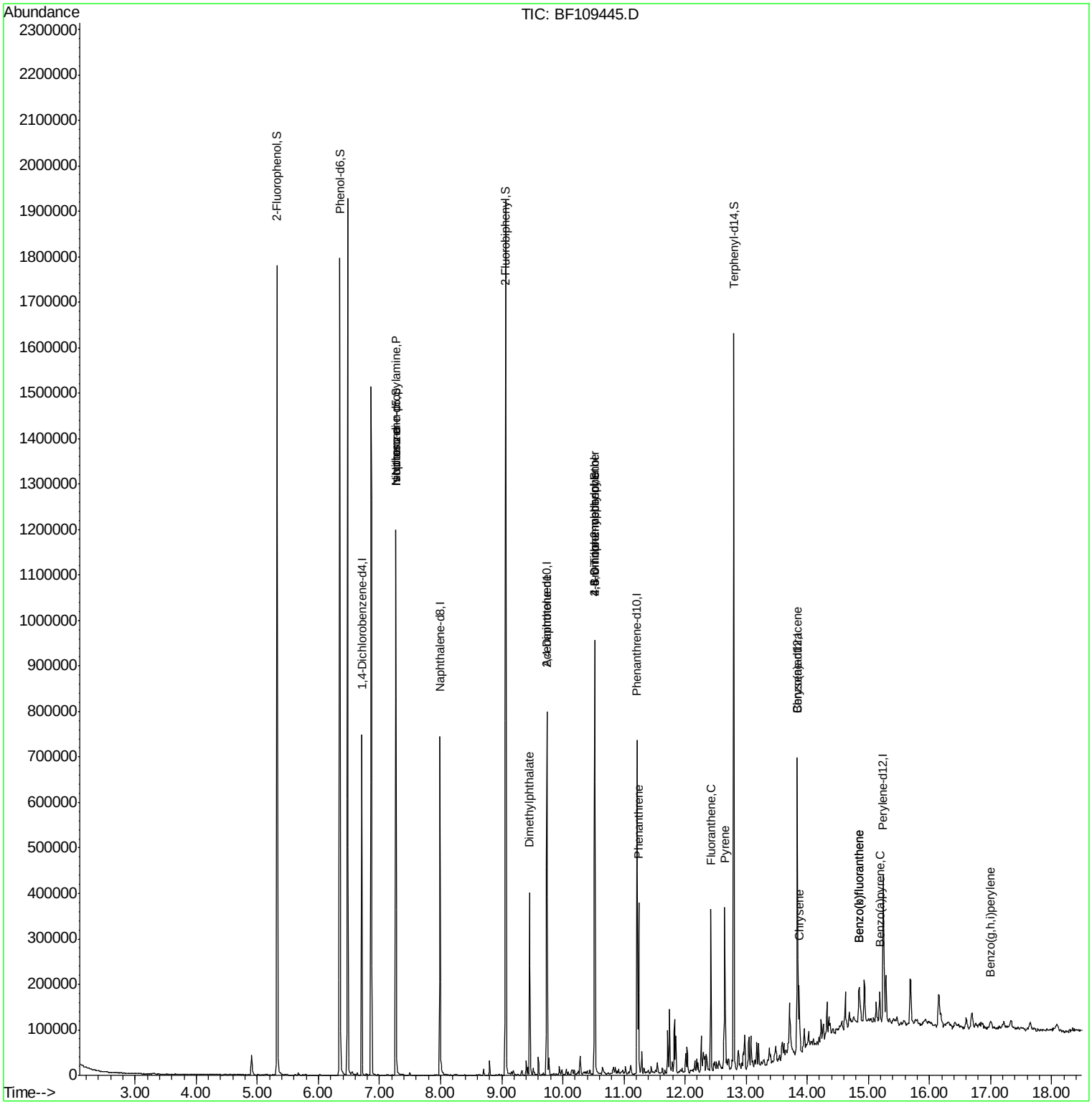
(#) = qualifier out of range (m) = manual integration (+) = signals summed

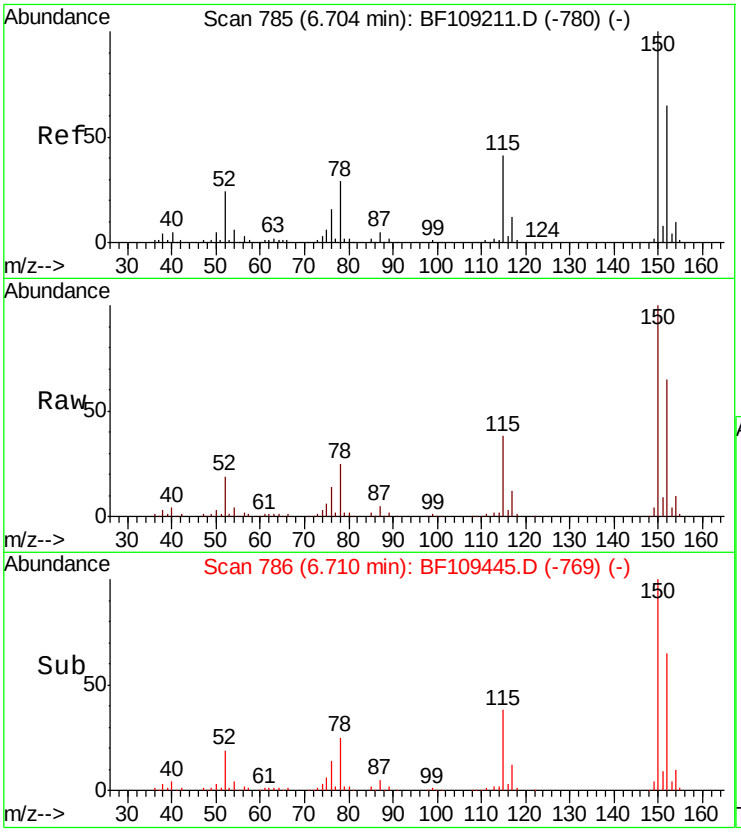
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109445.D
Acq On : 28 Sep 2018 22:03
Operator : JU/SJ
Sample : J5102-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1

Quant Time: Sep 29 02:14:14 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



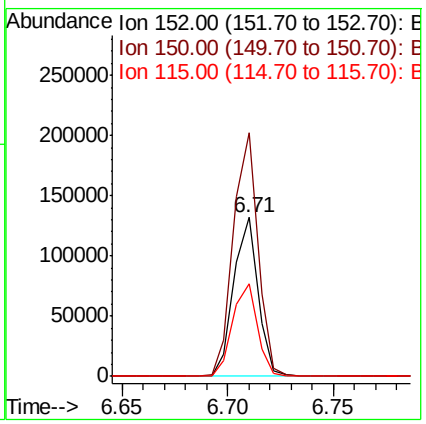


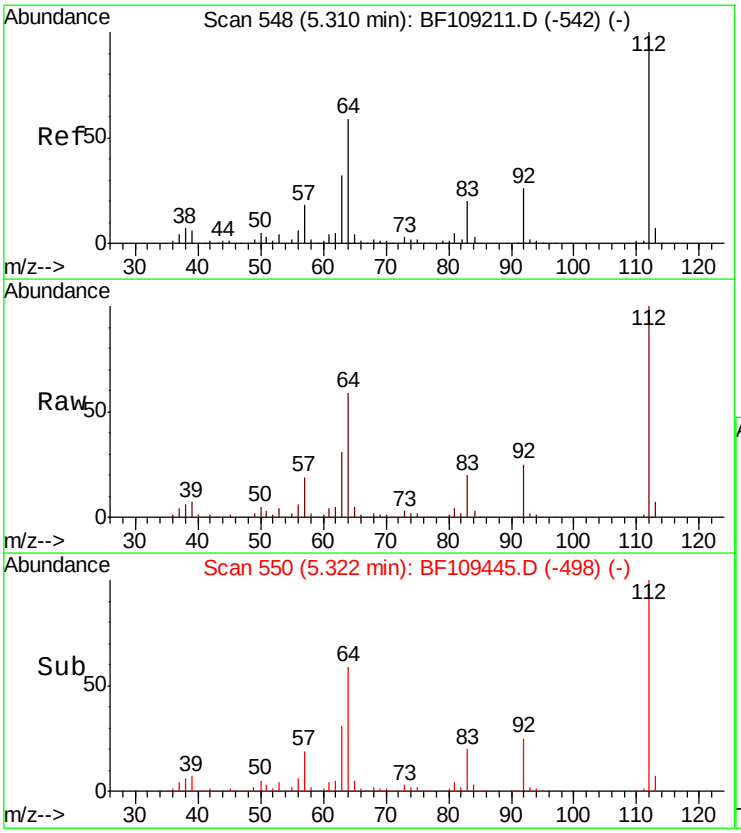
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:152 Resp: 104662

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	58.5	50.1	75.1

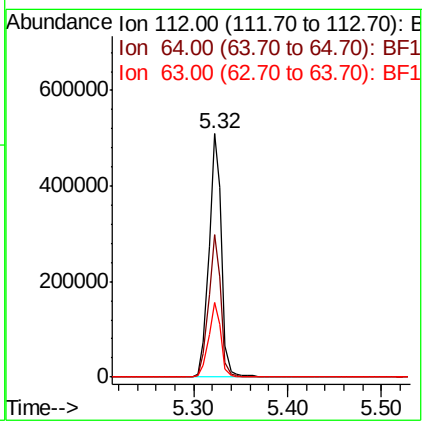


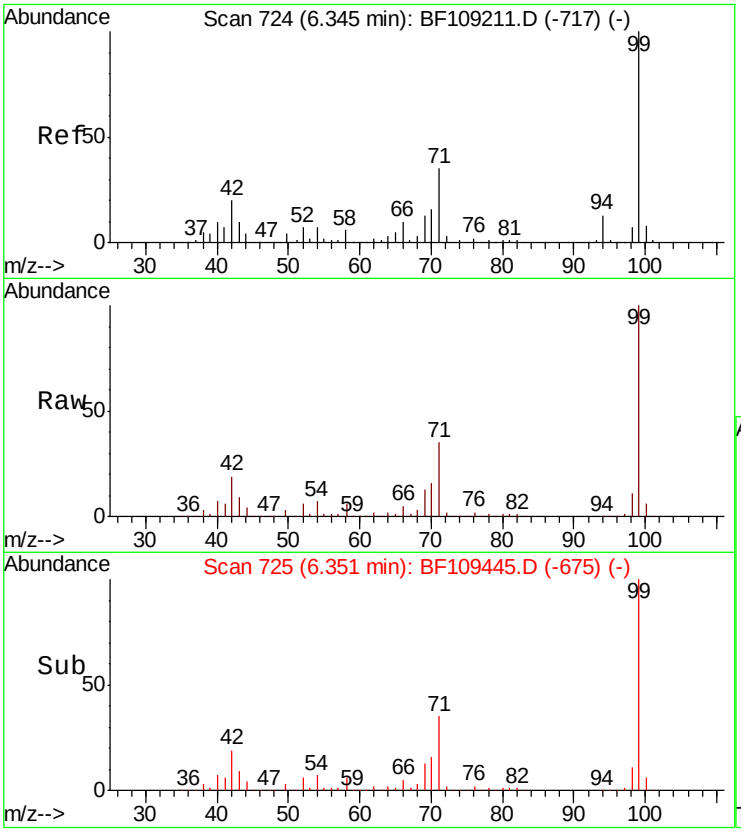


#5
2-Fluorophenol
Concen: 76.014 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:112 Resp: 483021

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	30.9	23.7	35.5



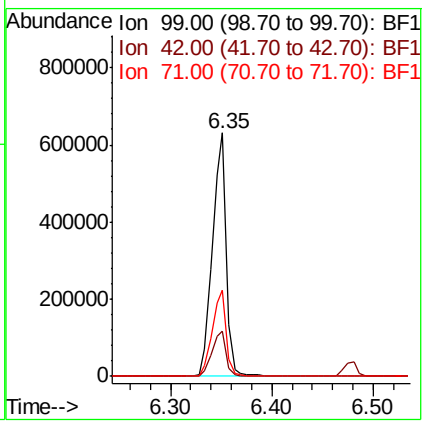


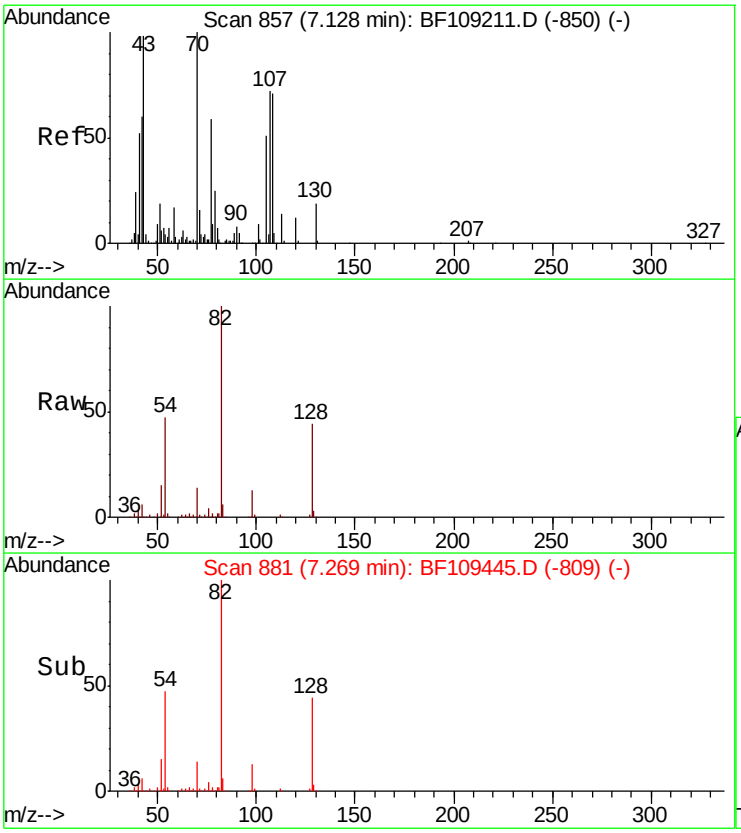
#7
Phenol-d6
Concen: 73.641 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion: 99 Resp: 597118

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	35.3	25.4	38.0

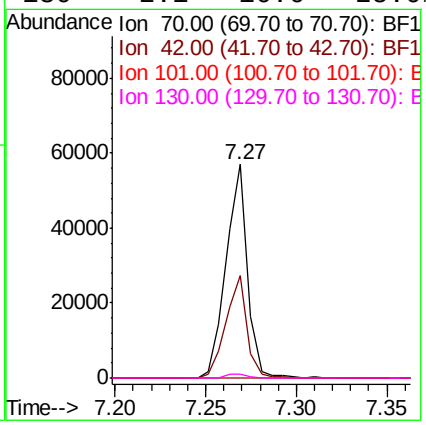


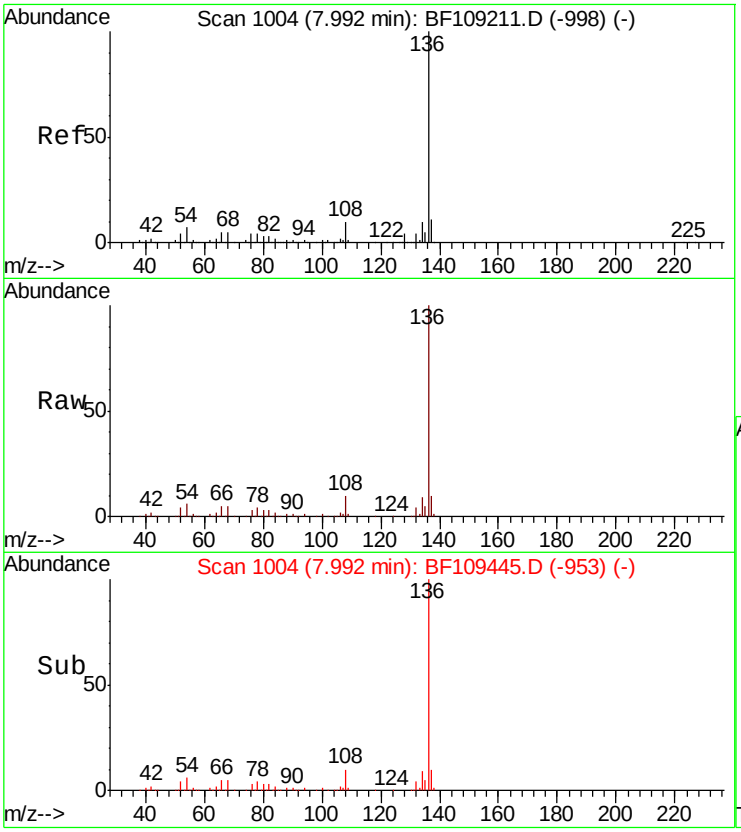


#19
n-Nitroso-di-n-propylamine
Concen: 8.871 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion: 70 Resp: 47133

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



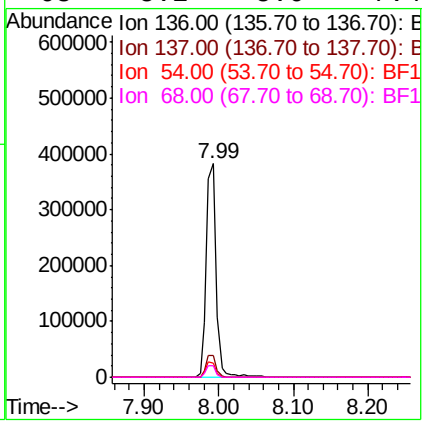


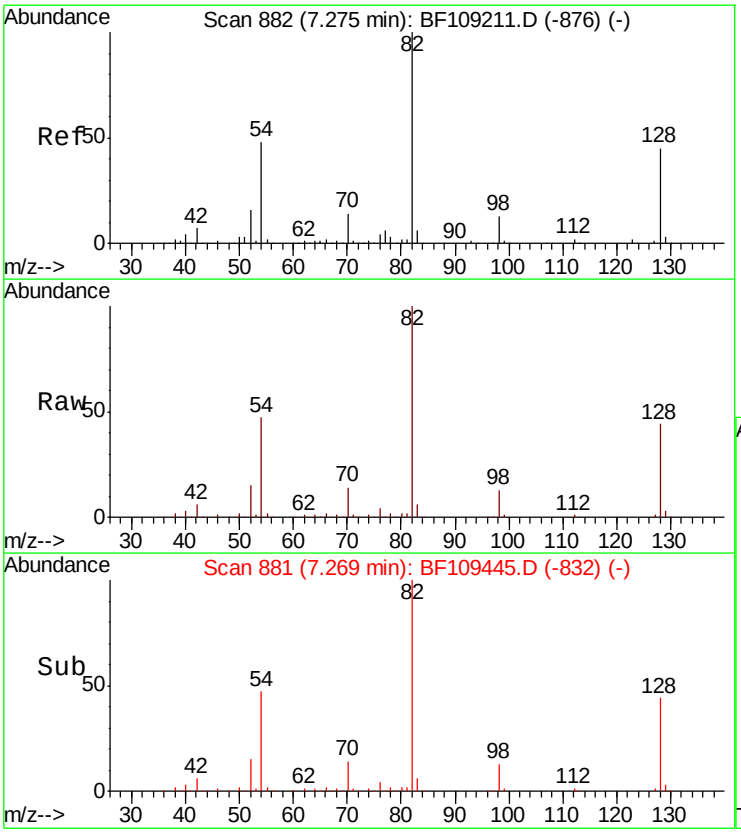
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:136 Resp: 356311

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.4	6.6	9.8#
68	5.2	5.0	7.4

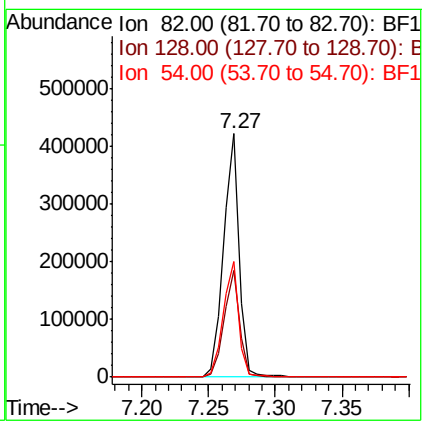


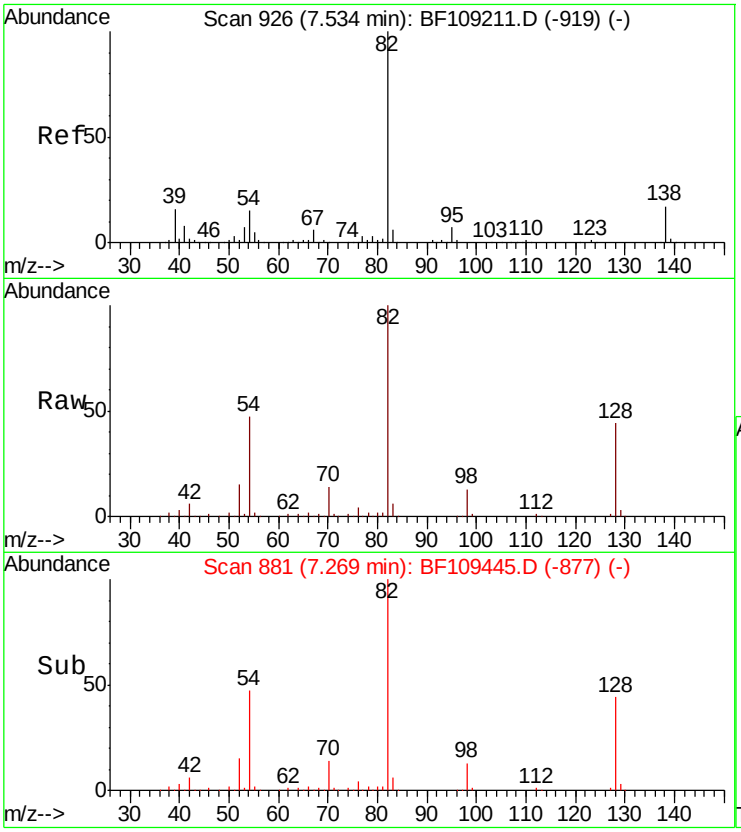


#23
Nitrobenzene-d5
Concen: 58.037 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion: 82 Resp: 350307

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	47.4	41.4	62.2



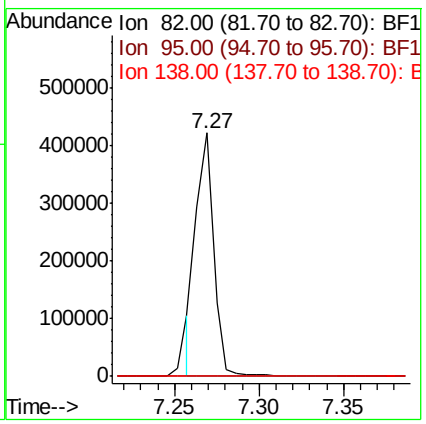


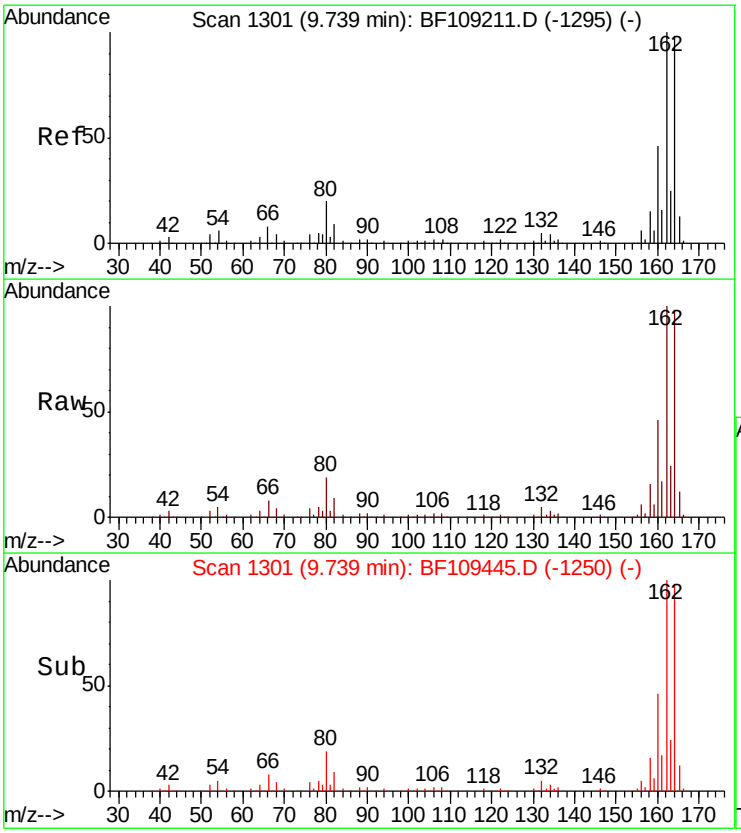
#25
Isophorone
Concen: 28.157 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion: 82 Resp: 306041

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

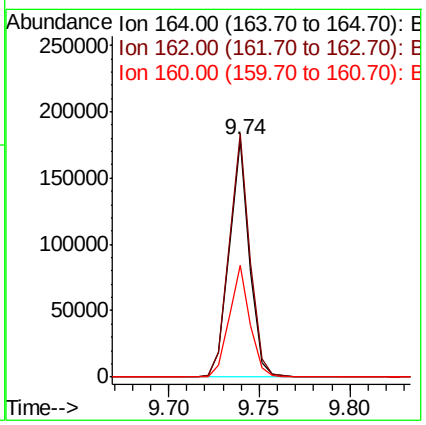


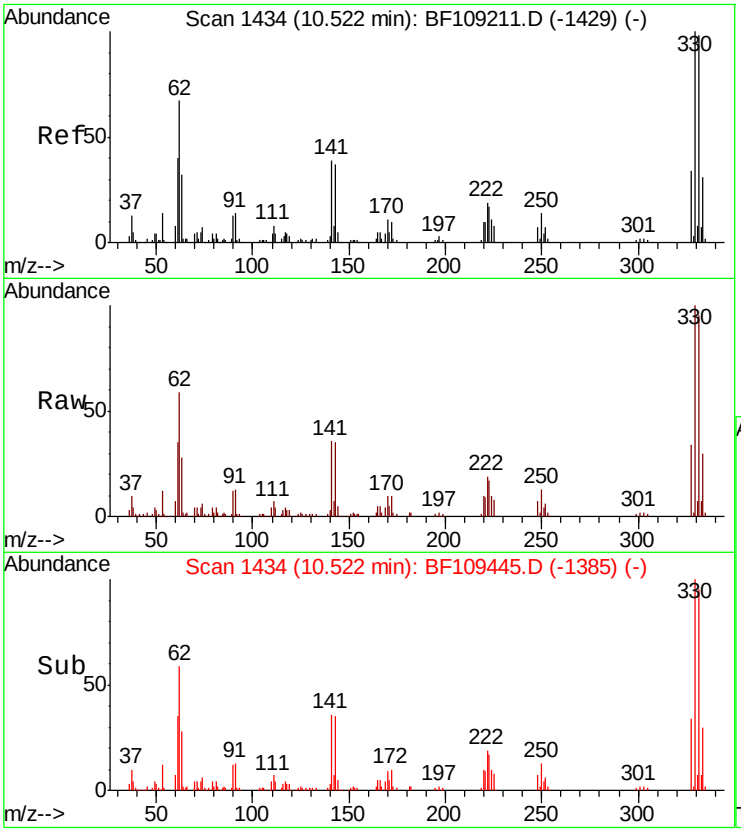


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:164 Resp: 139423

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.8	38.3	57.5



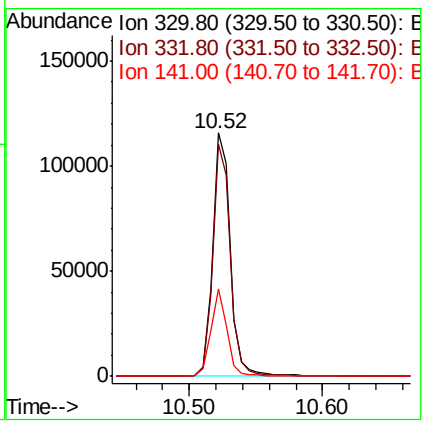


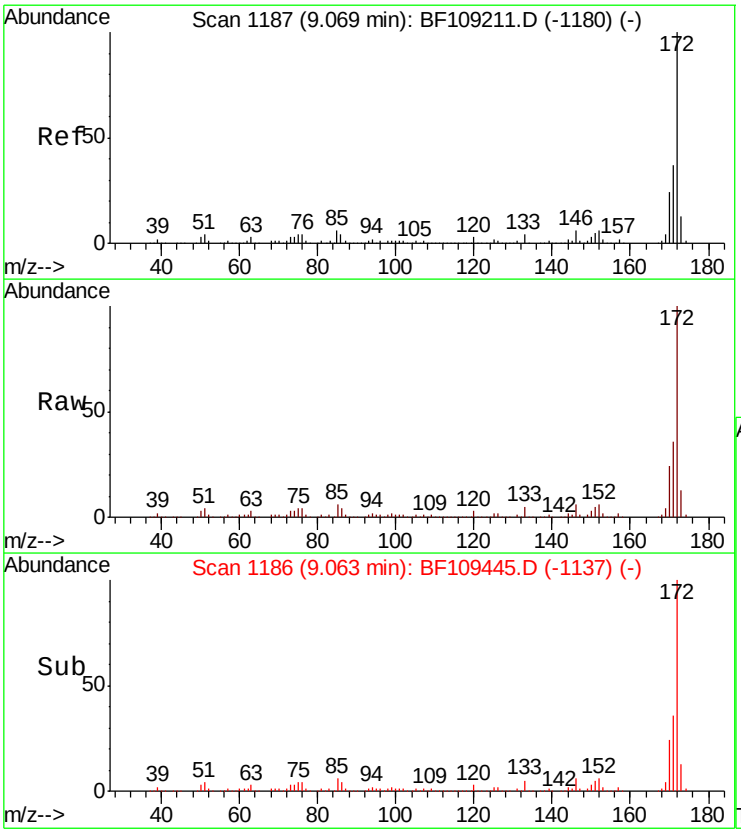
#41
2,4,6-Tribromophenol
Concen: 78.742 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:330 Resp: 108225

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.1	29.9	44.9

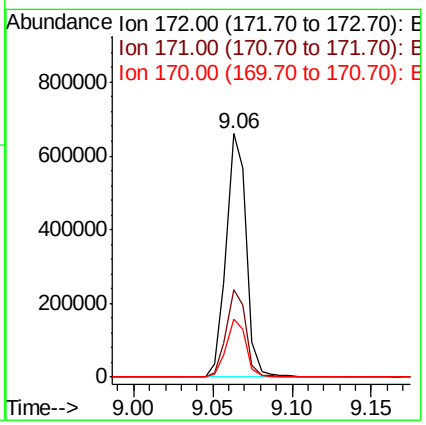


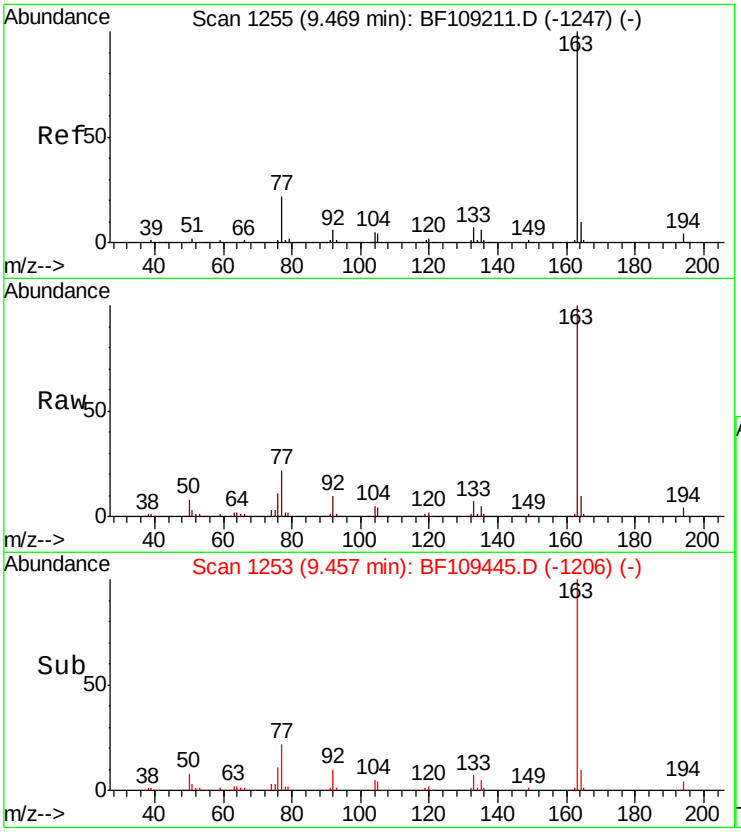


#44
2-Fluorobiphenyl
Concen: 63.078 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:172 Resp: 583118

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



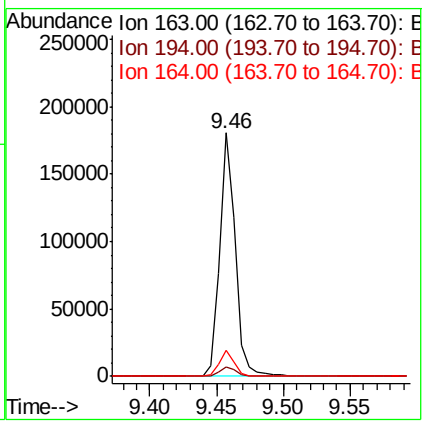


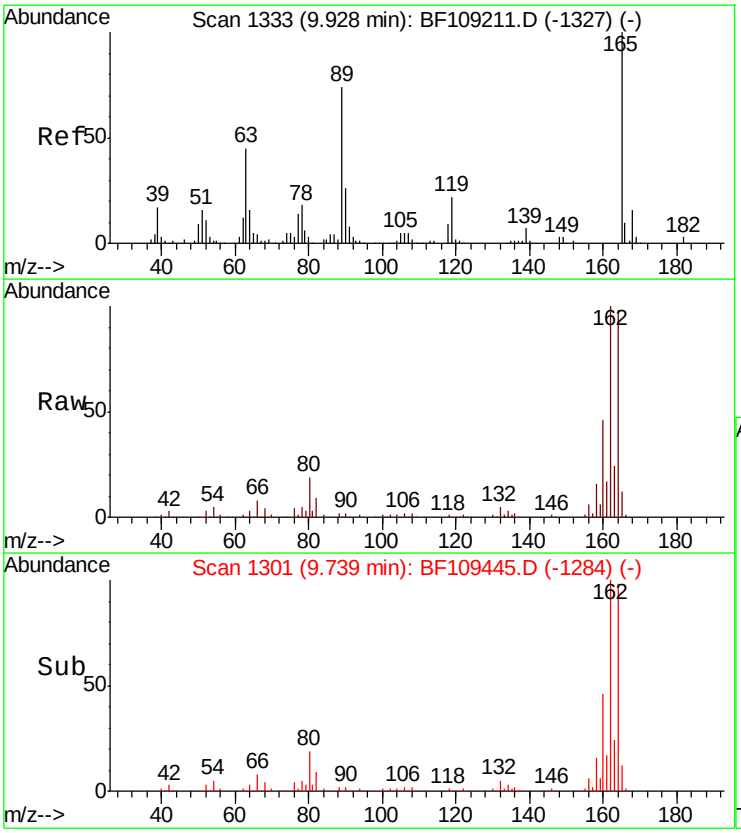
#49
Dimethylphthalate
Concen: 14.722 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:163 Resp: 149287

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2

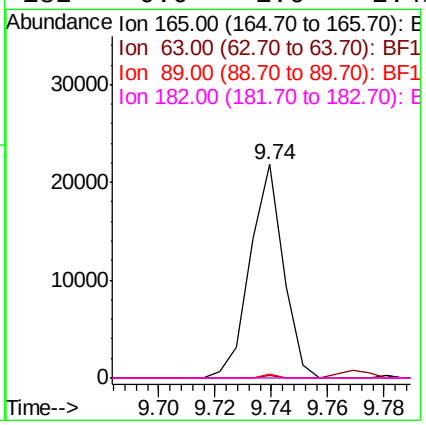


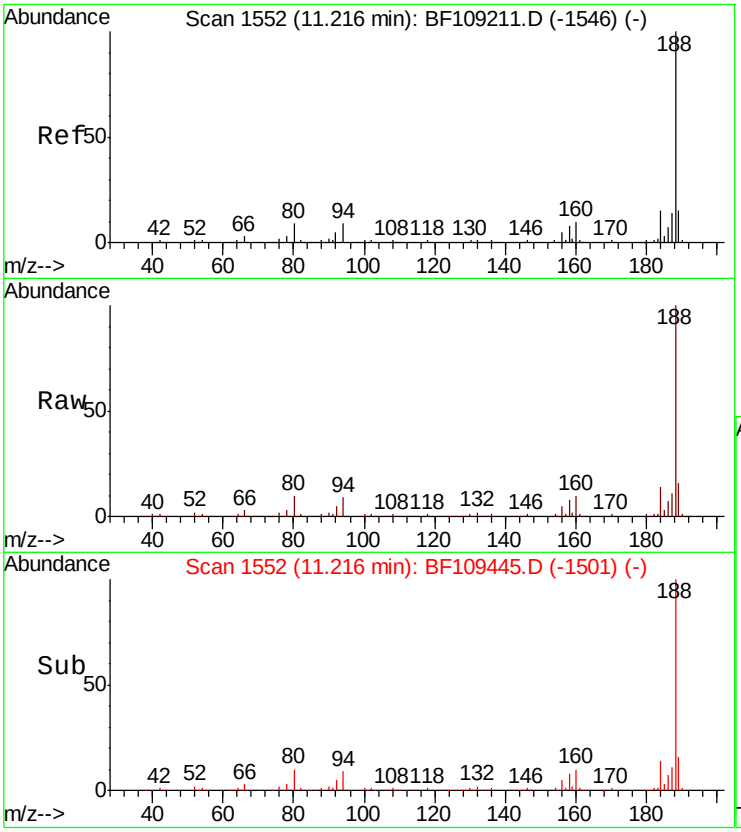


#56
2,4-Dinitrotoluene
Concen: 7.027 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:165 Resp: 17858

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



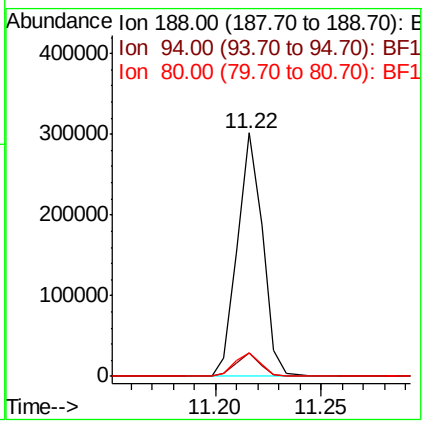


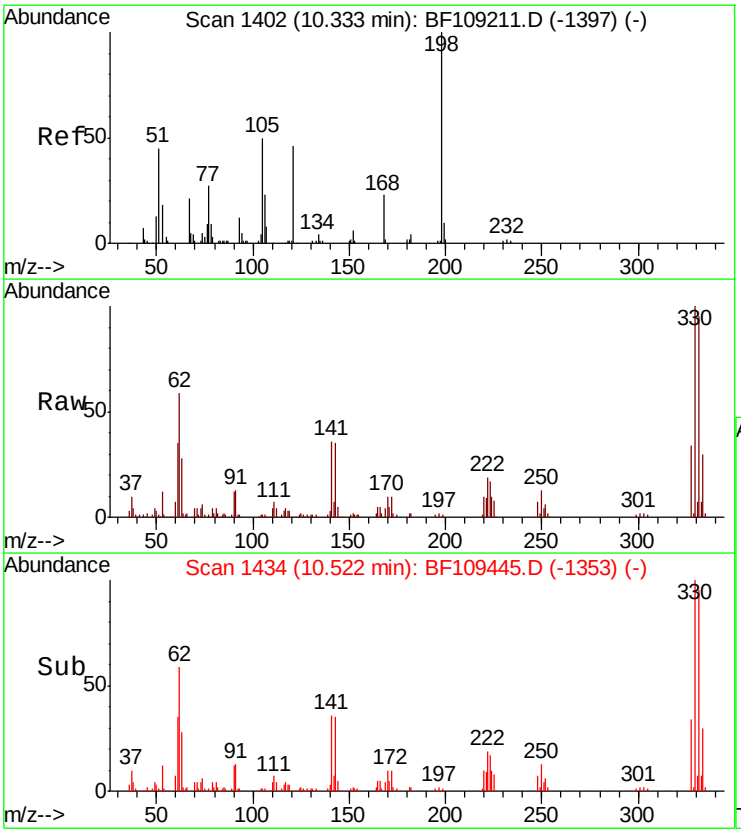
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:188 Resp: 248562

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.8	9.2	13.8

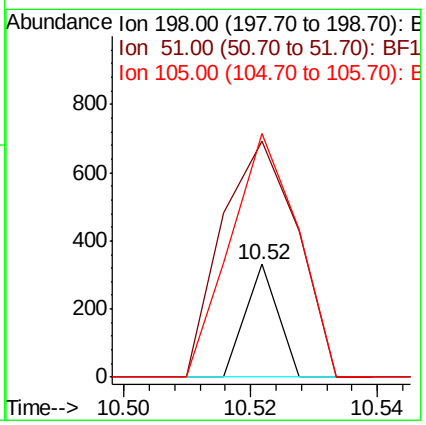


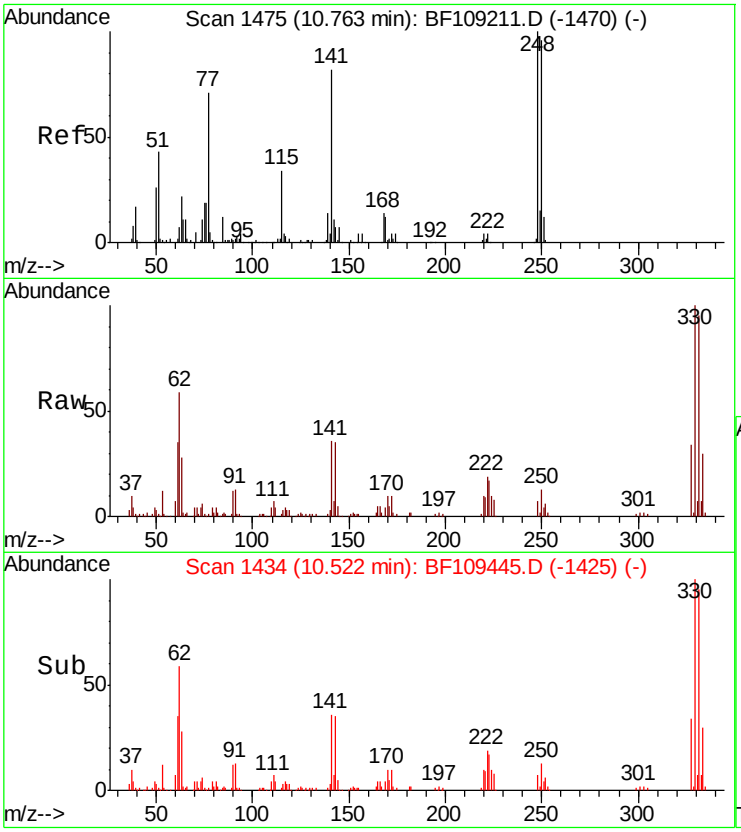


#64
4,6-Dinitro-2-methylphenol
Concen: 6.621 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:198 Resp: 117

Ion	Ratio	Lower	Upper
198	100		
51	209.1	37.7	77.7#
105	215.7	36.3	76.3#



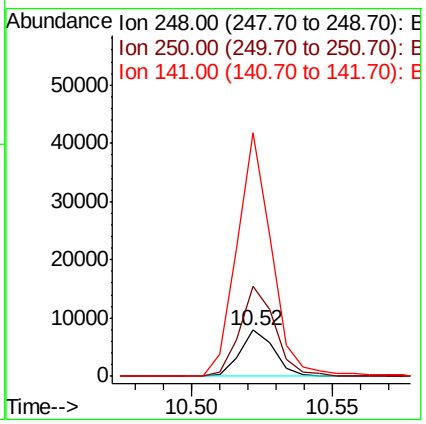


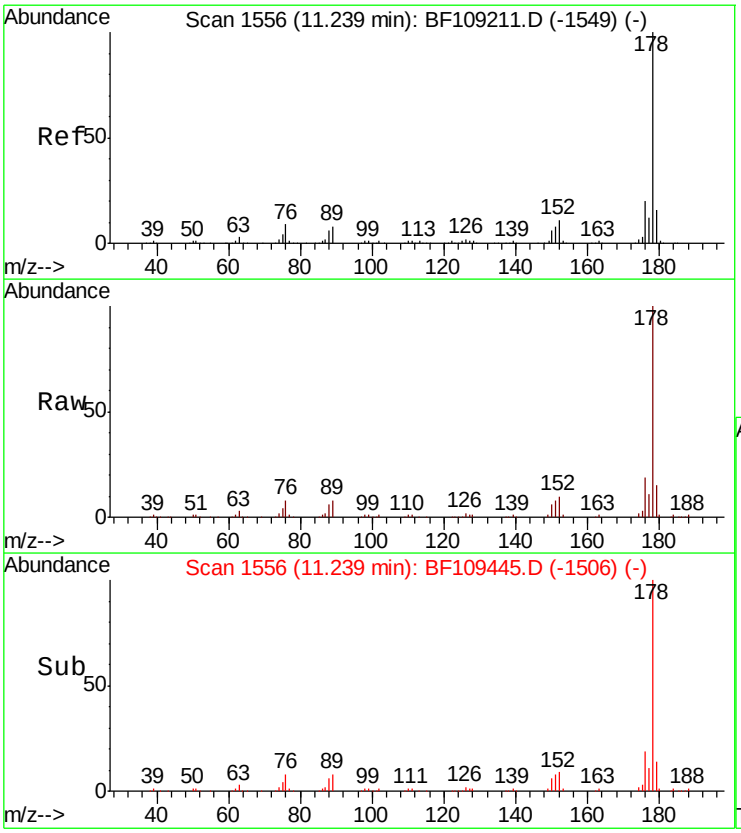
#66
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:248 Resp: 6684

Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.9	115.3#
141	529.8	74.4	111.6#

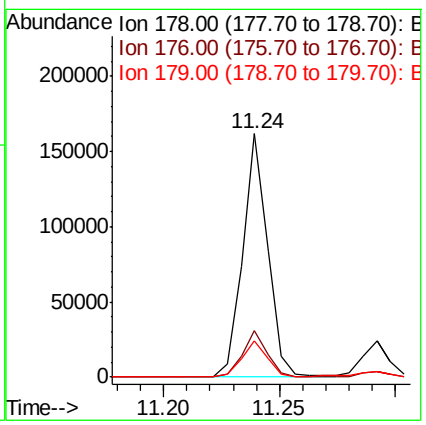


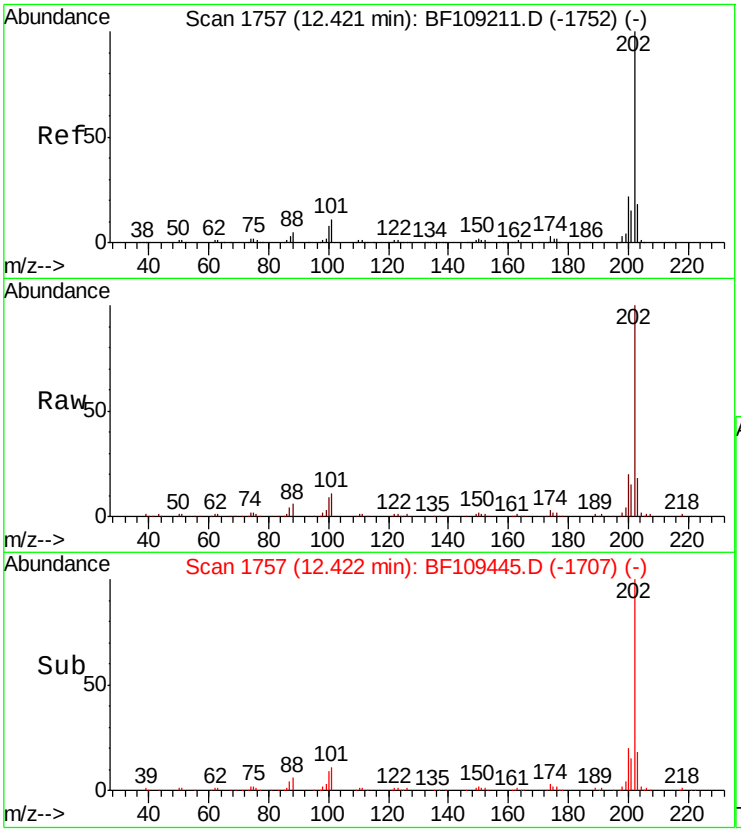


#70
Phenanthrene
Concen: 9.863 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:178 Resp: 122407

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.6	13.0	19.6



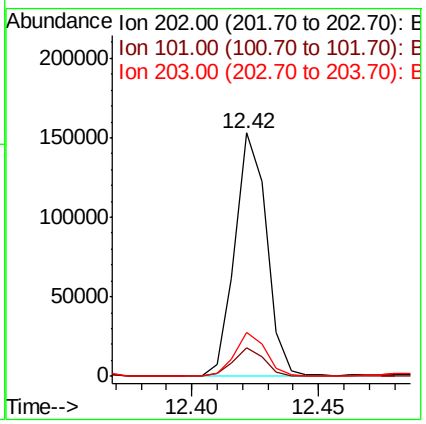


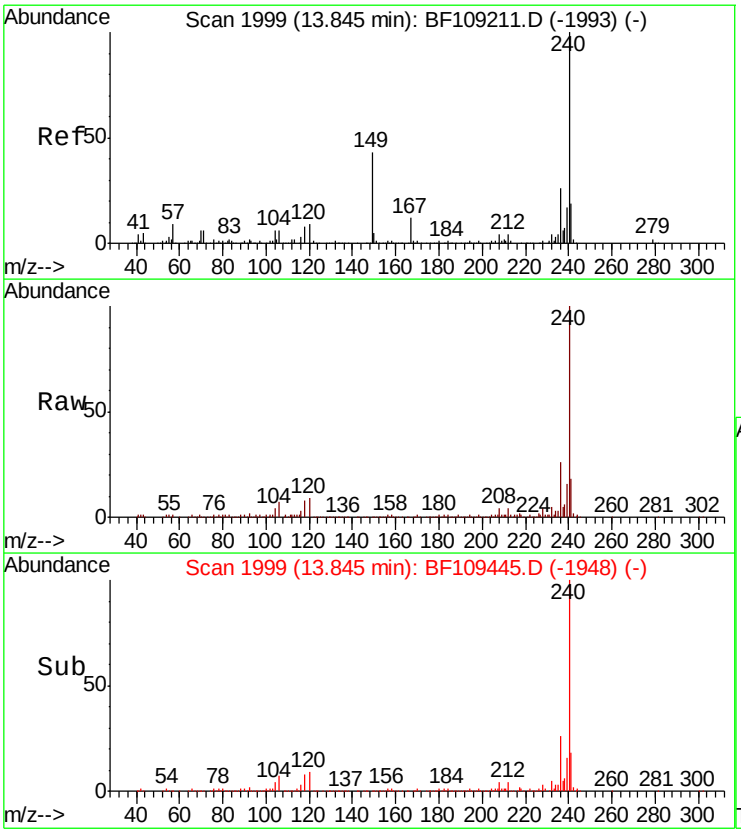
#74
Fluoranthene
Concen: 10.082 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:202 Resp: 133719

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.9	0.0	38.1

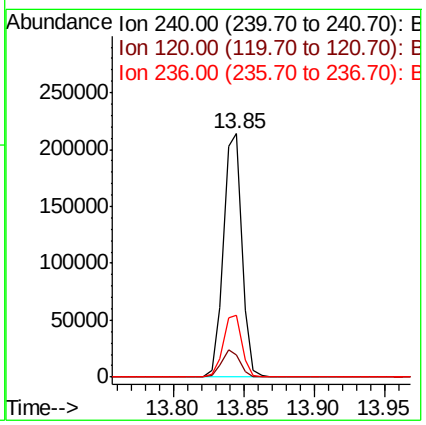


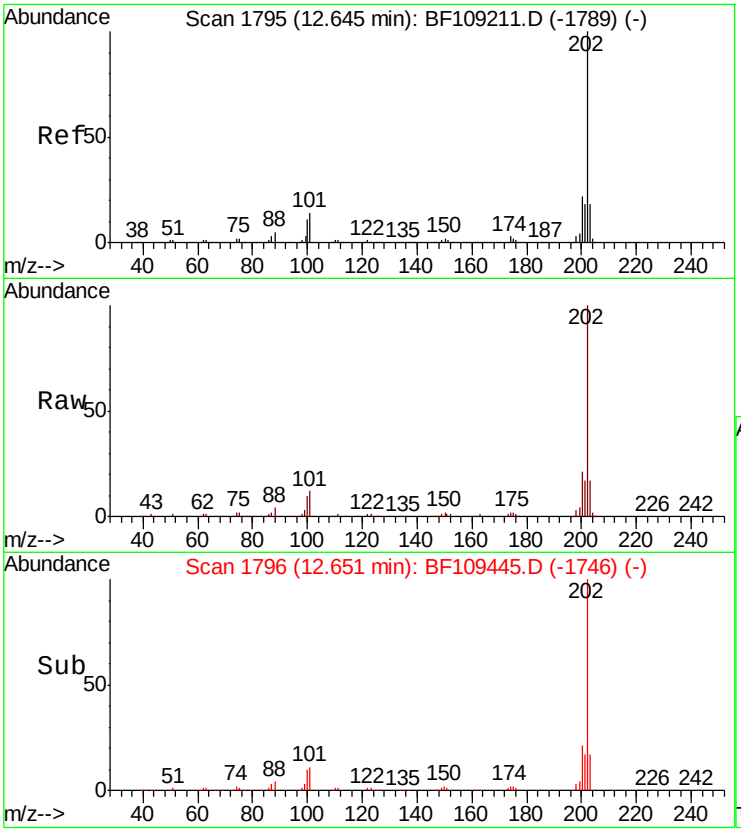


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:240 Resp: 195603

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.5	20.7	31.1



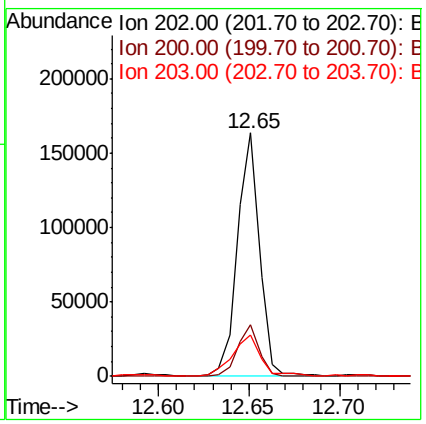


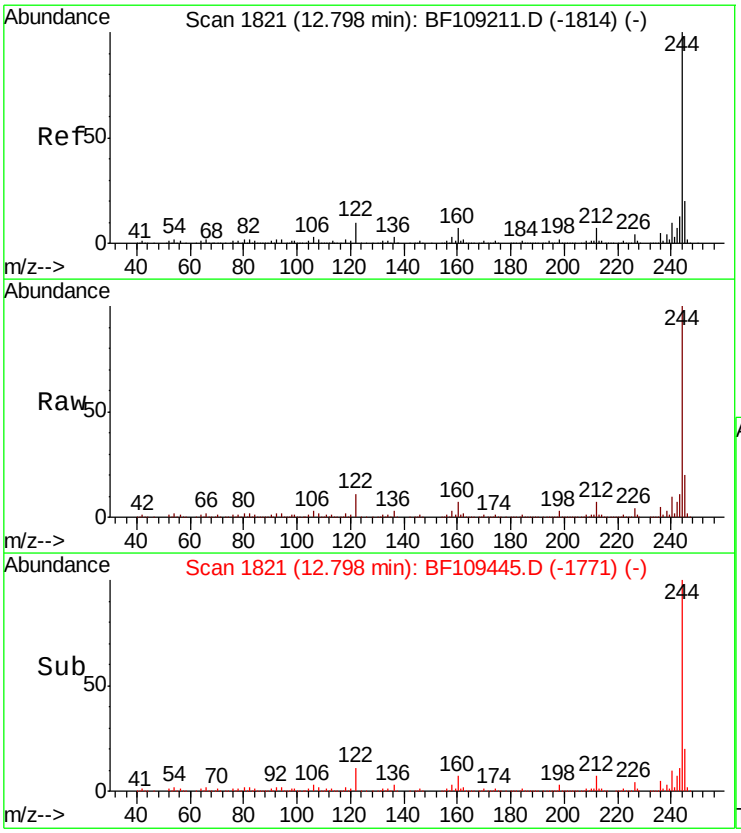
#77
Pyrene
Concen: 9.853 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:202 Resp: 138120

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.2	14.3	21.5

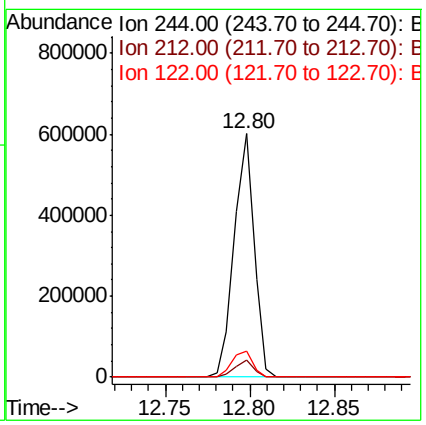


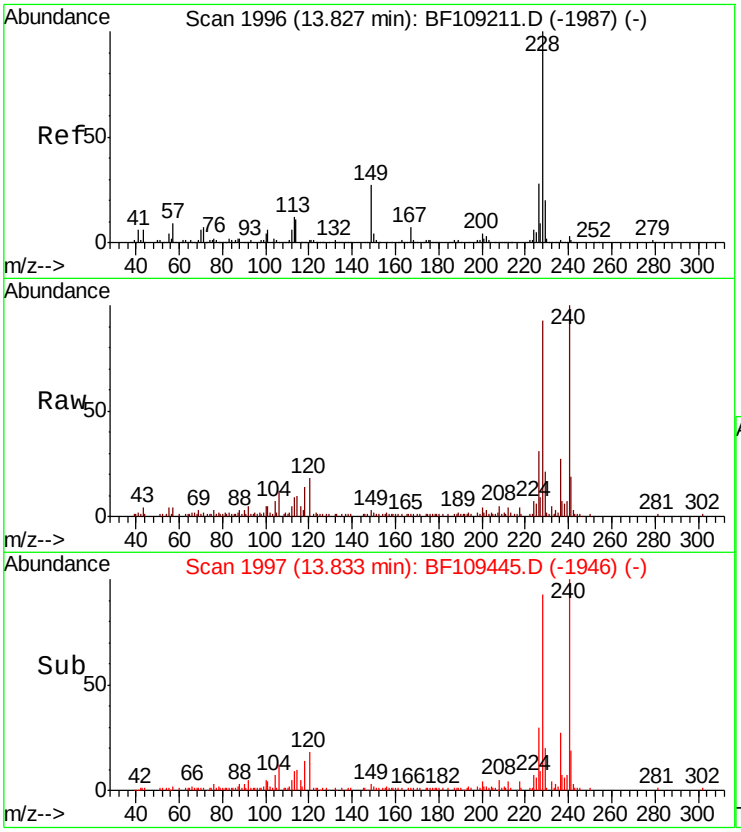


#78
Terphenyl-d14
Concen: 61.936 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:244 Resp: 493645

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.6	11.0	16.4#



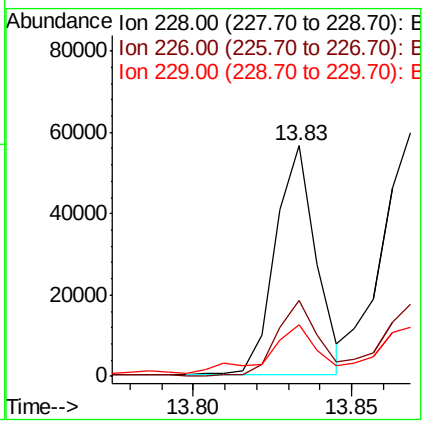


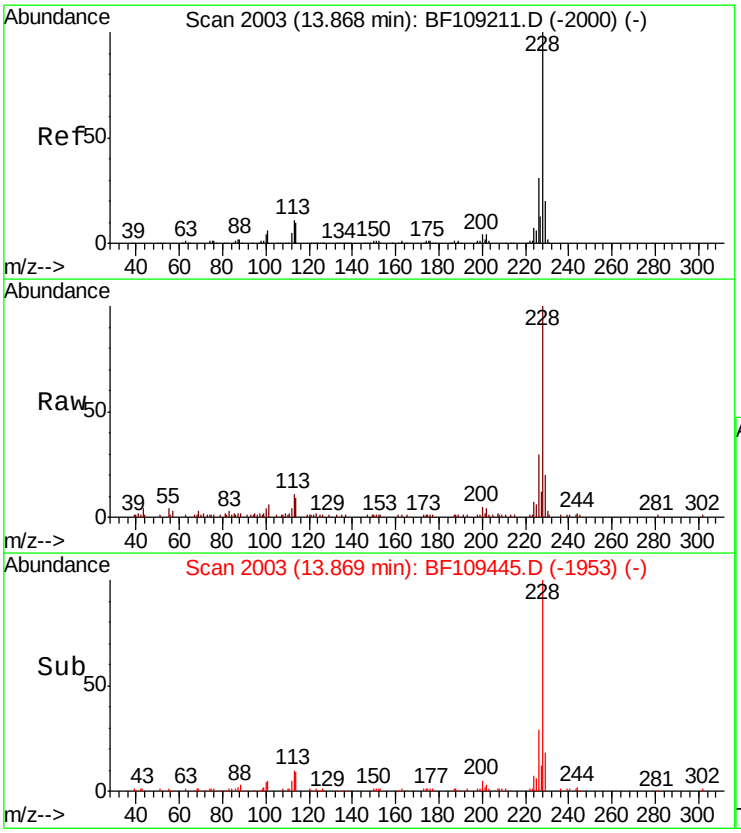
#80
Benzo(a)anthracene
Concen: 4.291 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:228 Resp: 50554

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	22.6	15.8	23.6

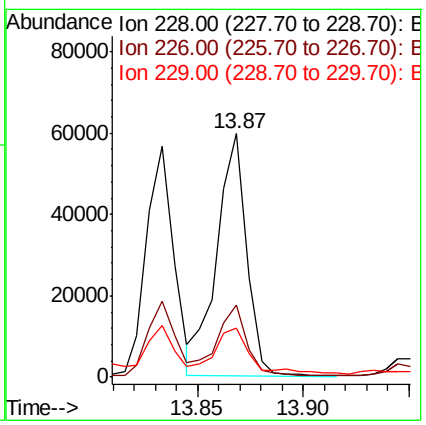


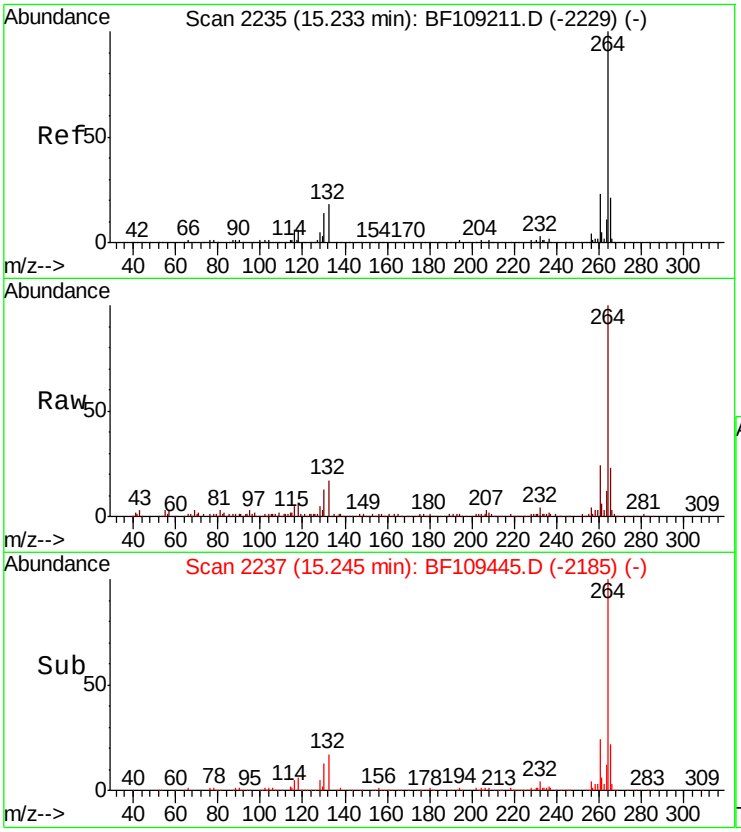


#82
Chrysene
Concen: 5.040 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:228 Resp: 58850

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.3	16.2	24.4



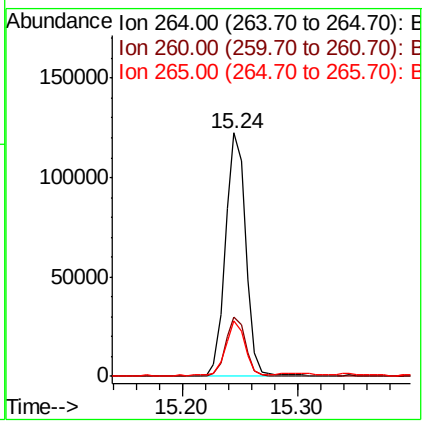


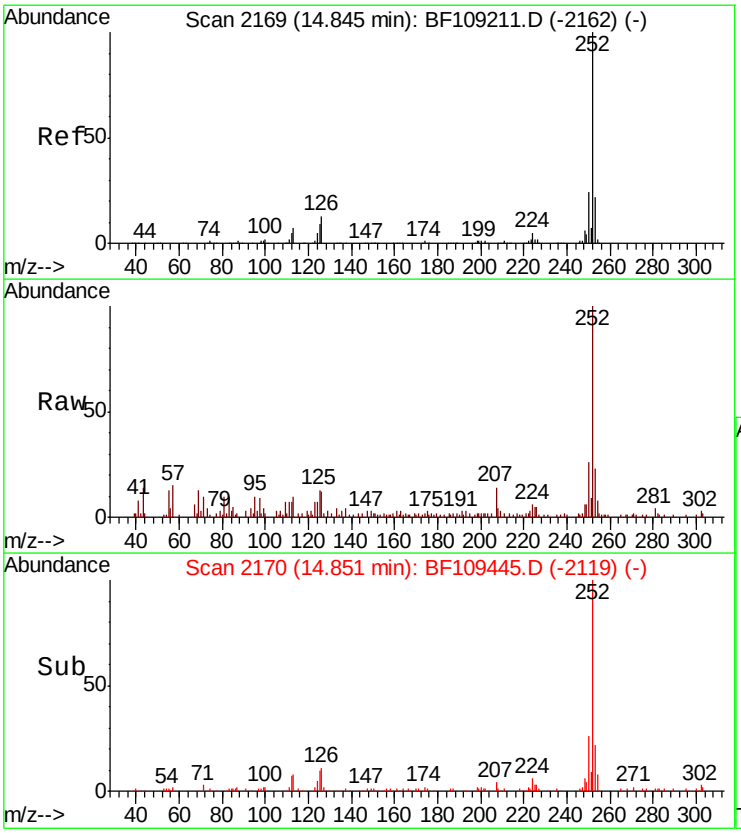
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:264 Resp: 149391

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.5	26.3

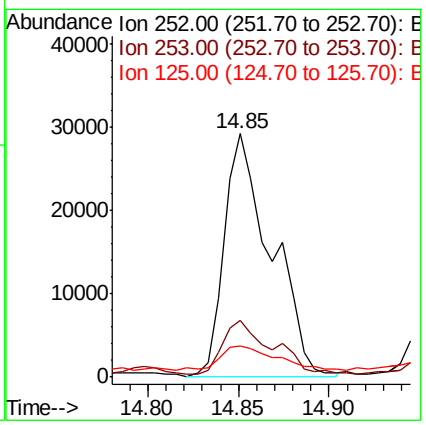


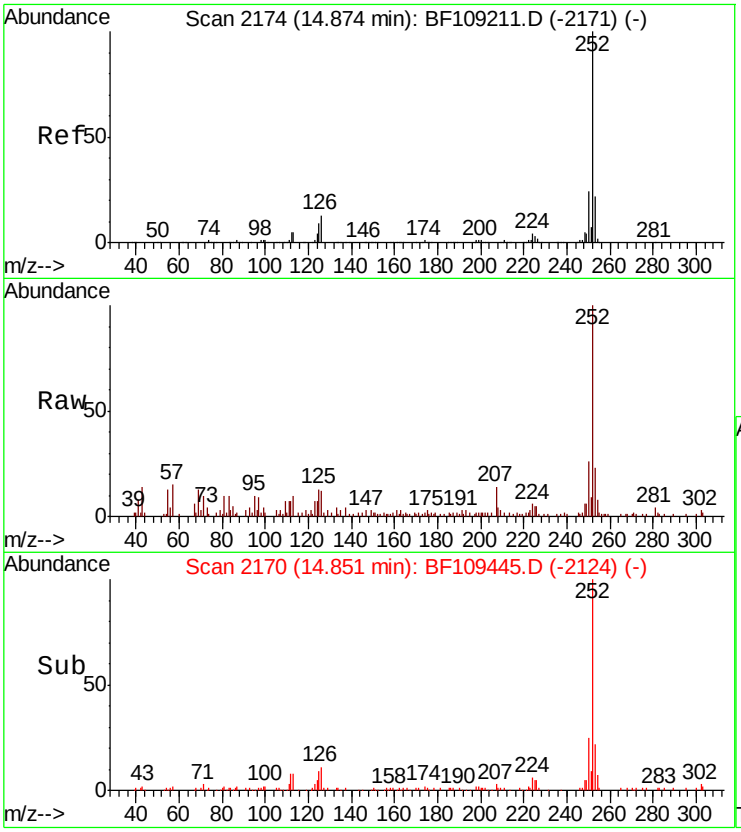


#87
Benzo(b)fluoranthene
Concen: 6.429 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:252 Resp: 52774

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.8	9.0	13.6



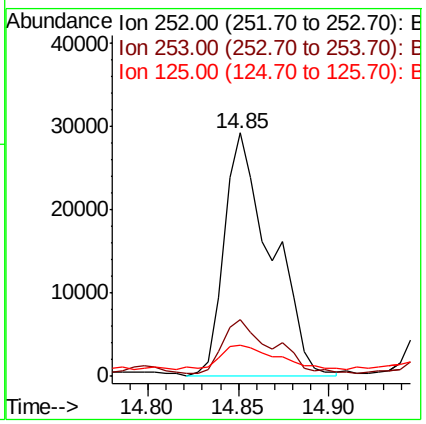


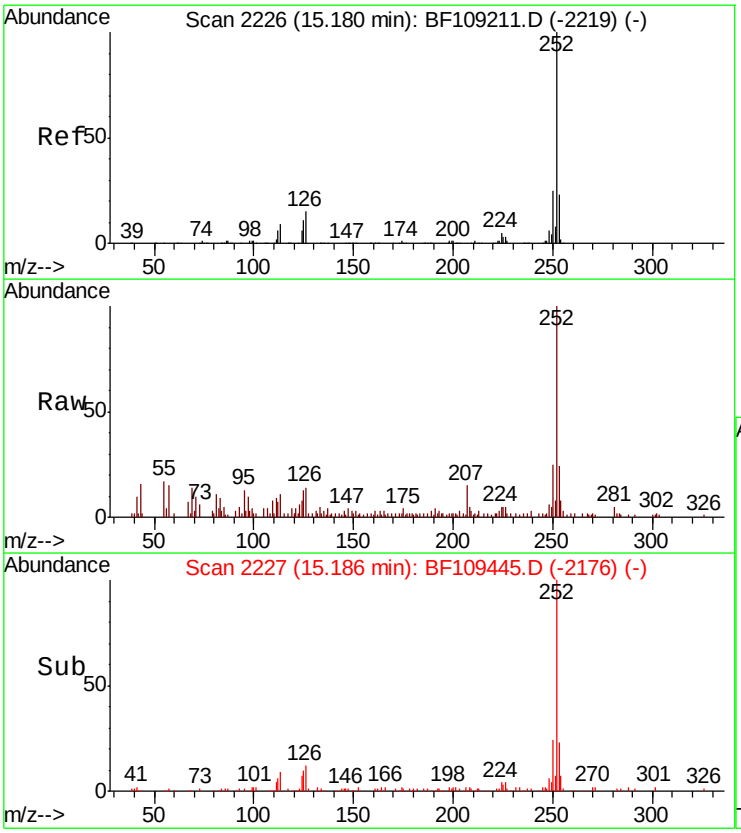
#88
Benzo(k)fluoranthene
Concen: 6.775 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:252 Resp: 52774

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.8	10.2	15.2

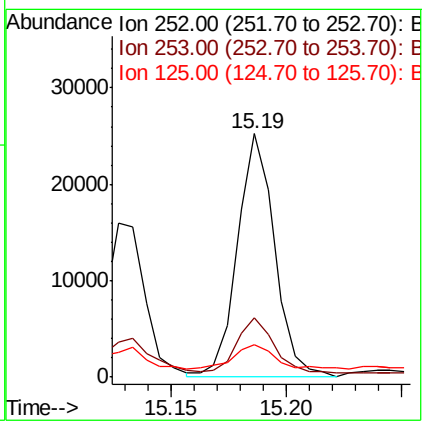


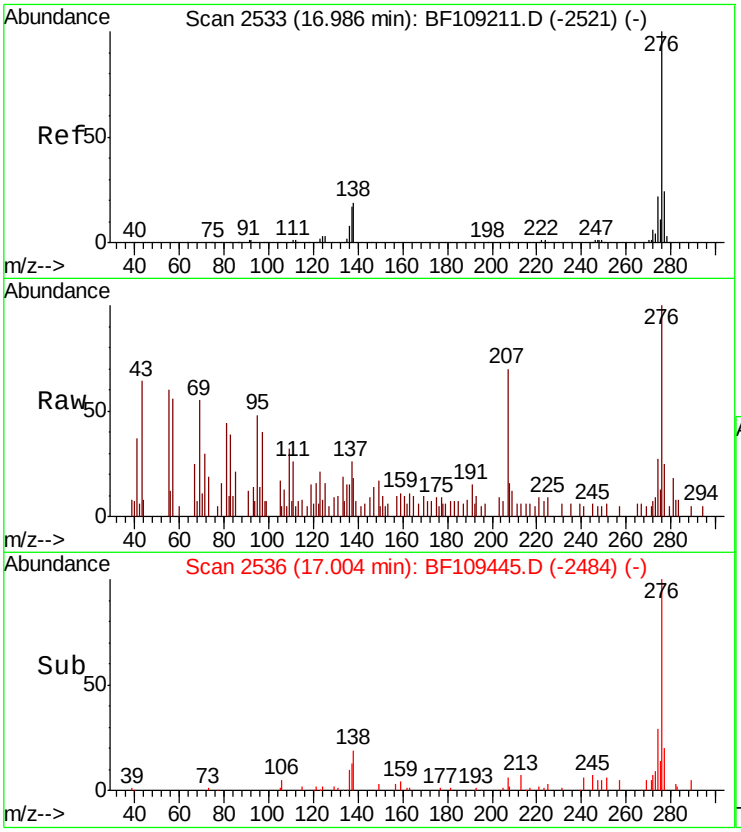


#89
Benzo(a)pyrene
Concen: 3.846 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Tgt Ion:252 Resp: 28452

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.573 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109445.D
Acq: 28 Sep 2018 22:03

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:276 Resp: 15346

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	17.7	21.8	32.8#