Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109248.D
Acq On : 23 Sep 2018 4:12
Operator : JU/SJ
Sample : J5017-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 24 06:53:36 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	100814	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	362145	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	148734	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	219762	20.00	ng		0.00
75) Chrysene-d12	13.84	240	201516	20.00	ng		0.00
86) Perylene-d12	15.24	264	171593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	724694	118.40	ng		0.00
7) Phenol-d6	6.35	99	944675	120.95	ng		-0.01
23) Nitrobenzene-d5	7.27	82	586790	95.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	161484	110.14	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1002546	101.66	ng		-0.01
78) Terphenyl-d14	12.80	244	680381	82.86	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	80070	15.645	ng	#	79
25) Isophorone	7.27	82	549262	49.720	ng	#	64
49) Dimethylphthalate	9.46	163	201941	18.667	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	295	6.810	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	10300	4.221	ng	#	1
70) Phenanthrene	11.23	178	125549	11.442	ng		99
71) Anthracene	11.29	178	35568	3.196	ng		96
74) Fluoranthene	12.42	202	119709	10.209	ng		95
77) Pyrene	12.65	202	124851	8.645	ng		98
80) Benzo(a)anthracene	13.83	228	66451	5.475	ng		96
82) Chrysene	13.83	228	66451	5.524	ng		94
87) Benzo(b)fluoranthene	14.84	252	63449	6.729	ng	#	83
88) Benzo(k)fluoranthene	14.84	252	63449	7.091	ng	#	86
89) Benzo(a)pyrene	15.18	252	35038	4.124	ng	#	87
91) Benzo(g,h,i)perylene	16.97	276	14758	2.154	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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Acq On : 23 Sep 2018 4:12
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Misc :
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BNA_F
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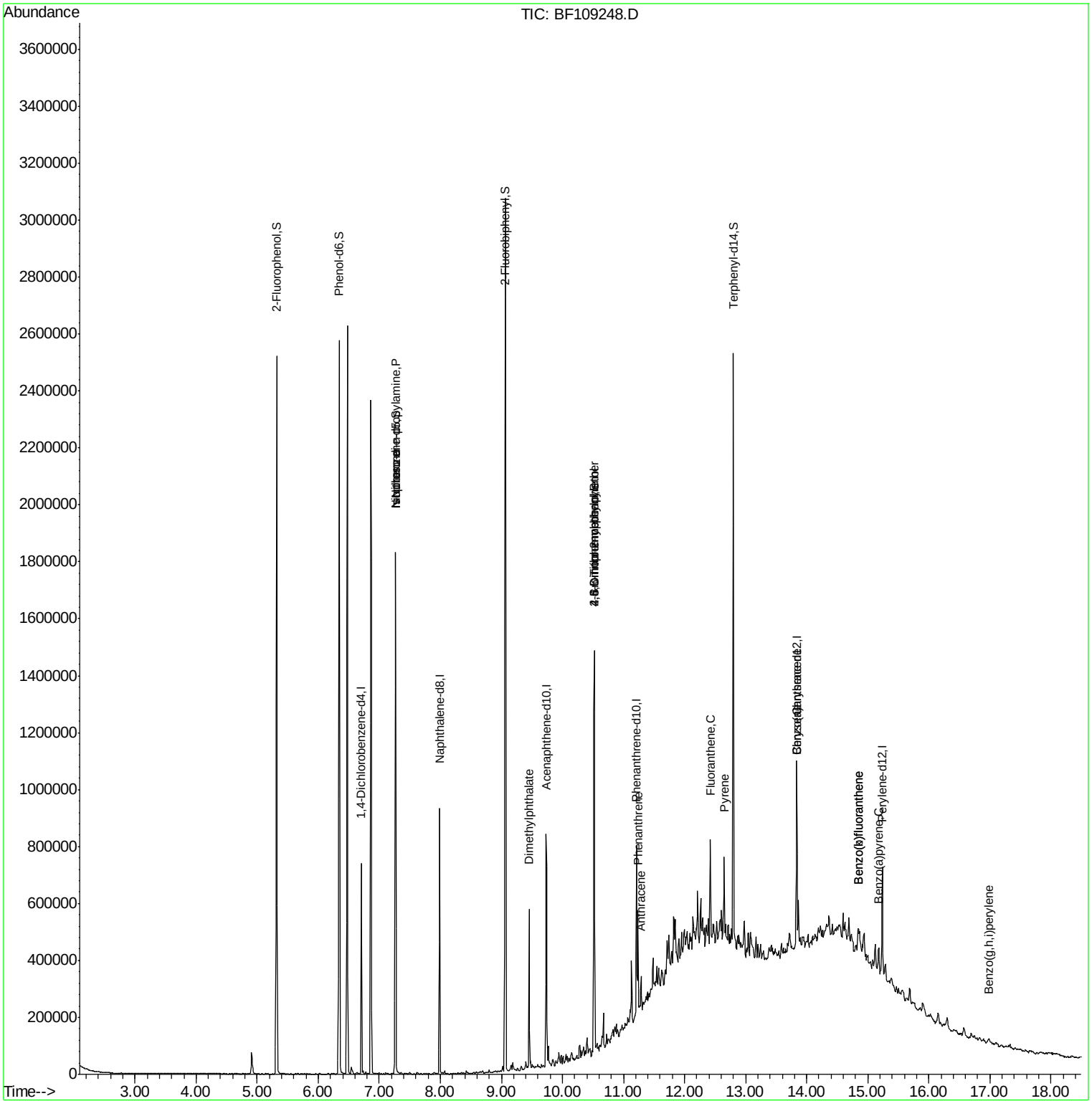
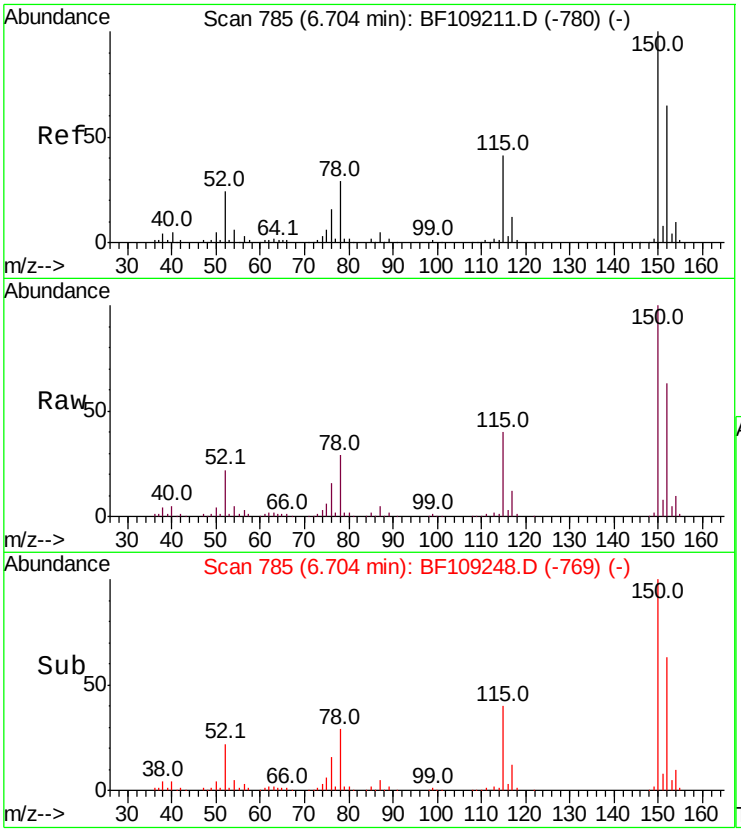


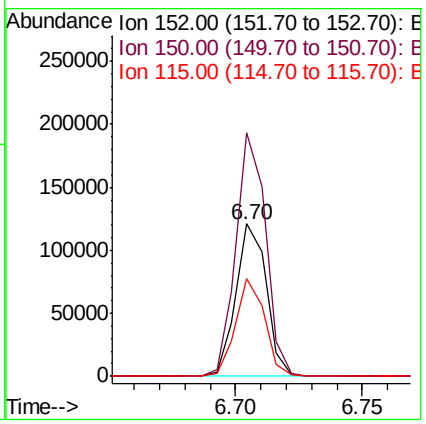


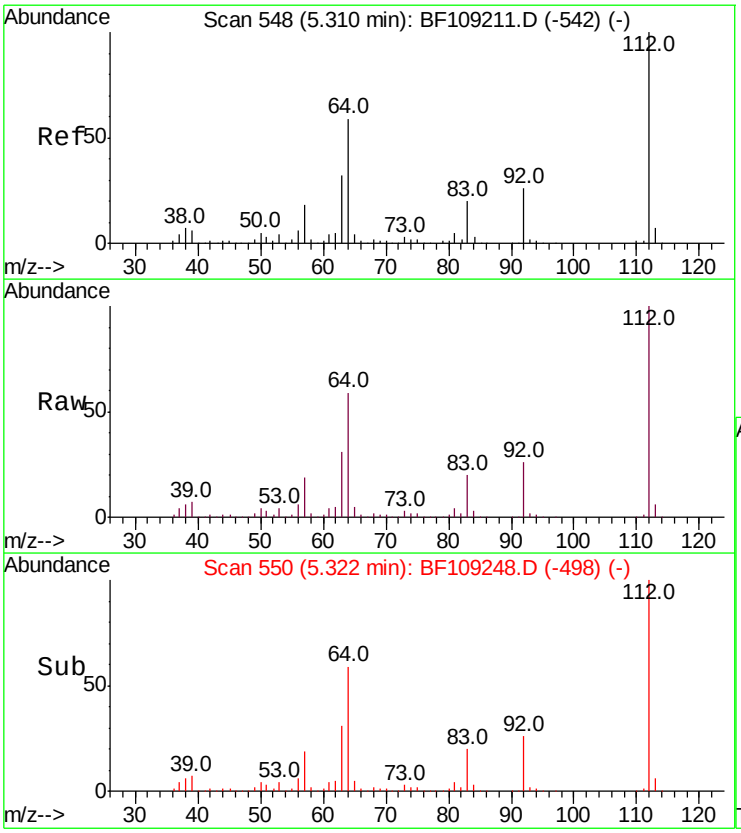
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100814

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	63.7	50.1	75.1

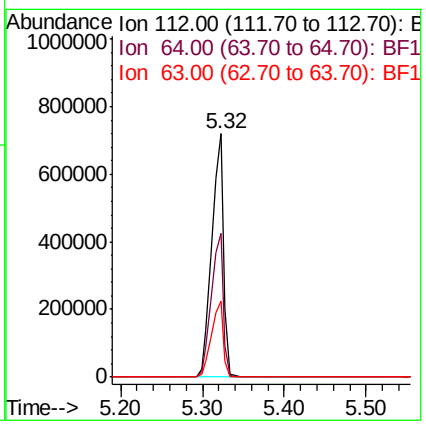


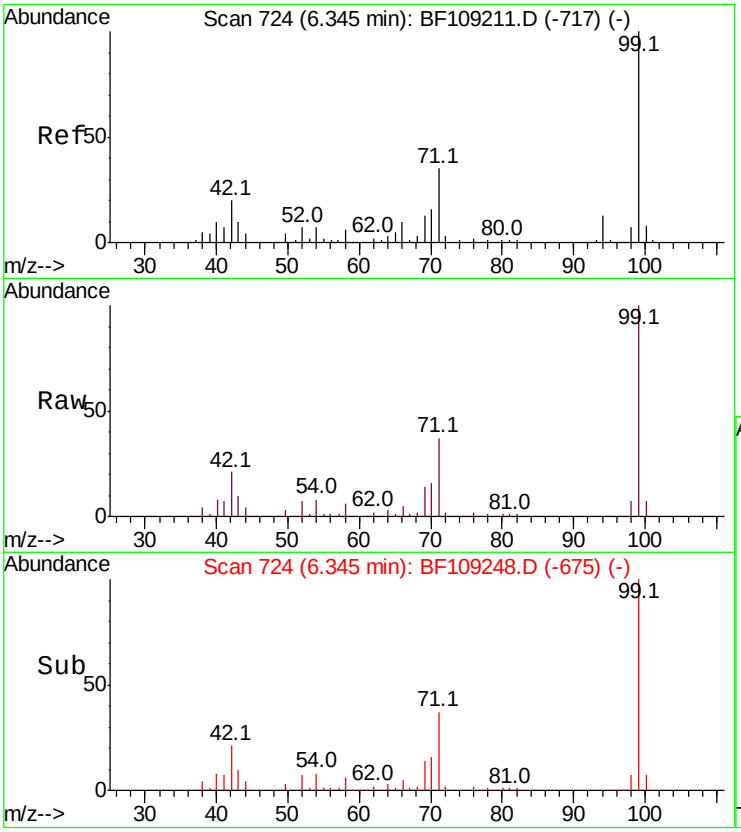


#5
2-Fluorophenol
Concen: 118.399 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:112 Resp: 724694

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.1	23.7	35.5



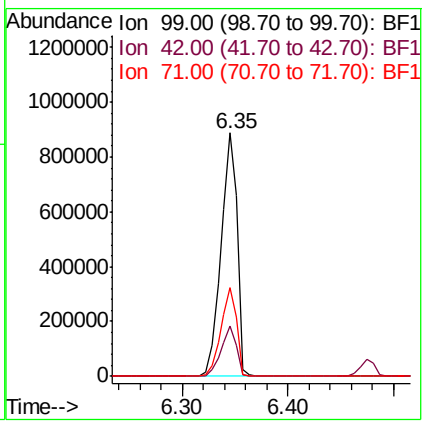


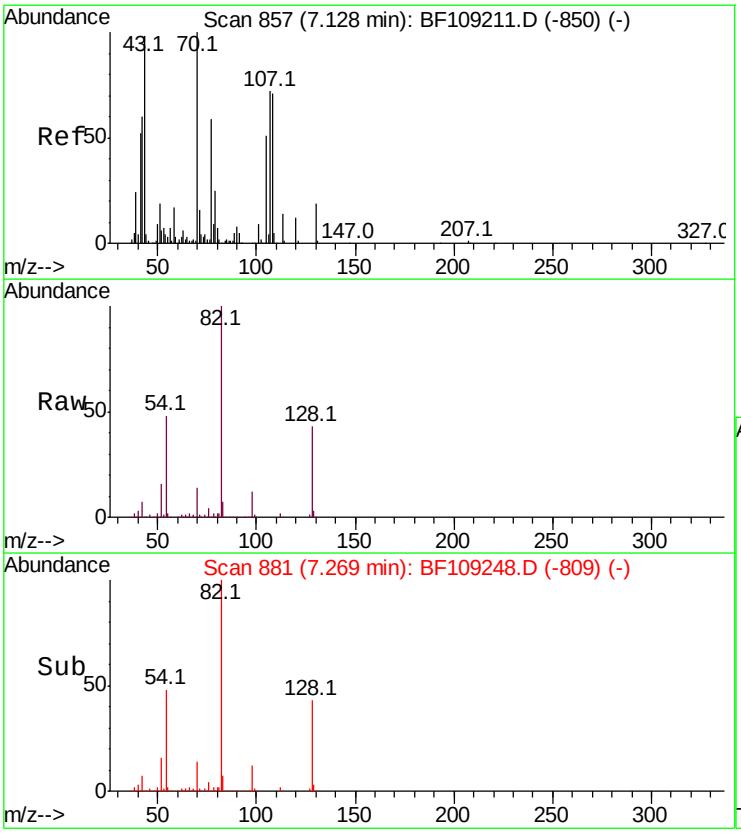
#7
Phenol-d6
Concen: 120.952 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 944675

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	36.6	25.4	38.0

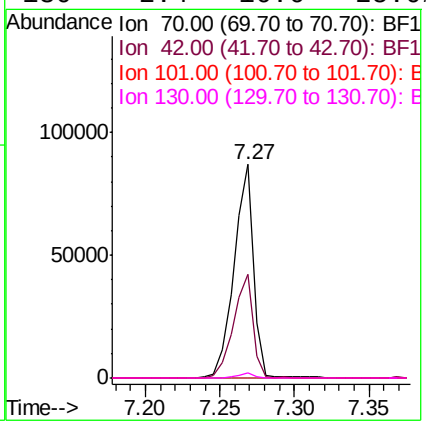


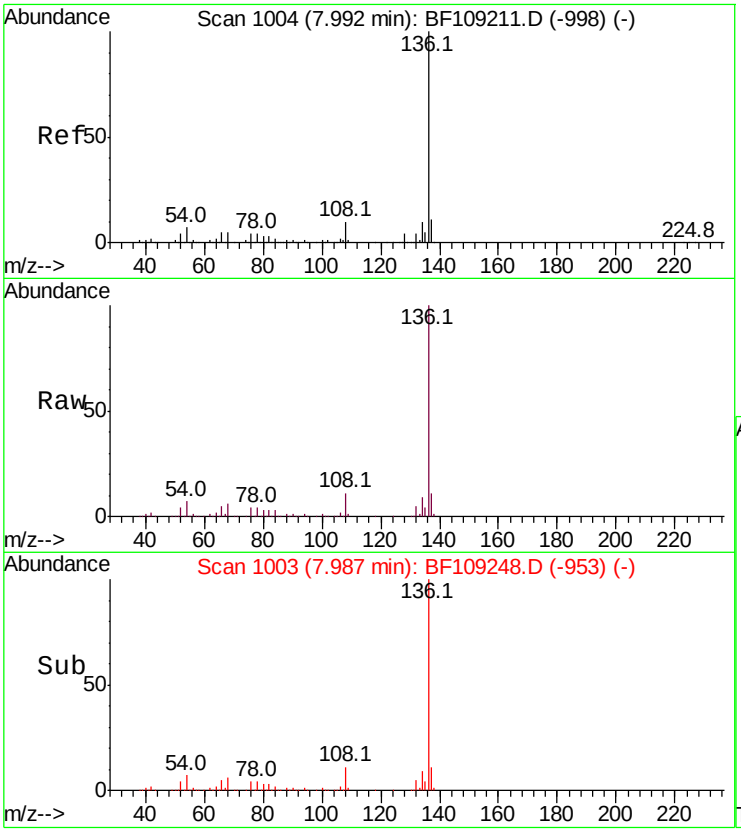


#19
n-Nitroso-di-n-propylamine
Concen: 15.645 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion: 70 Resp: 80070

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



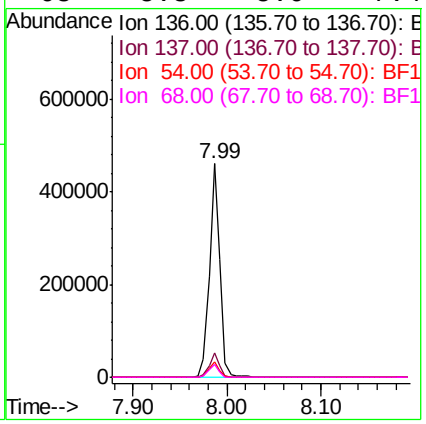


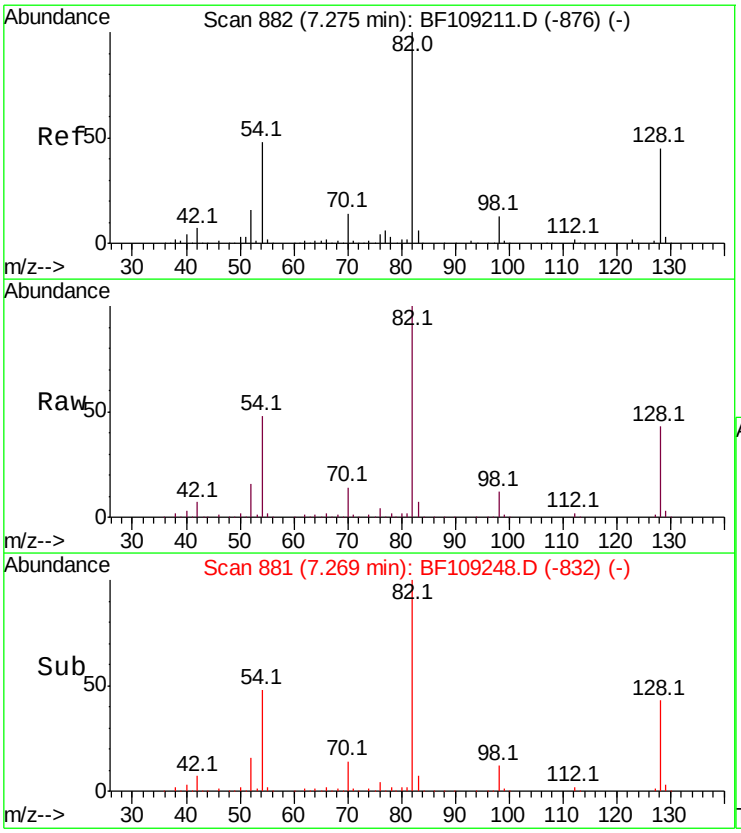
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 362145

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

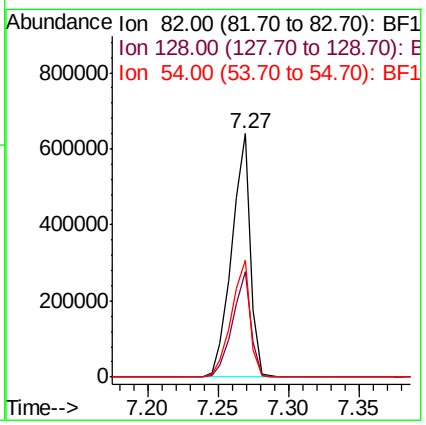


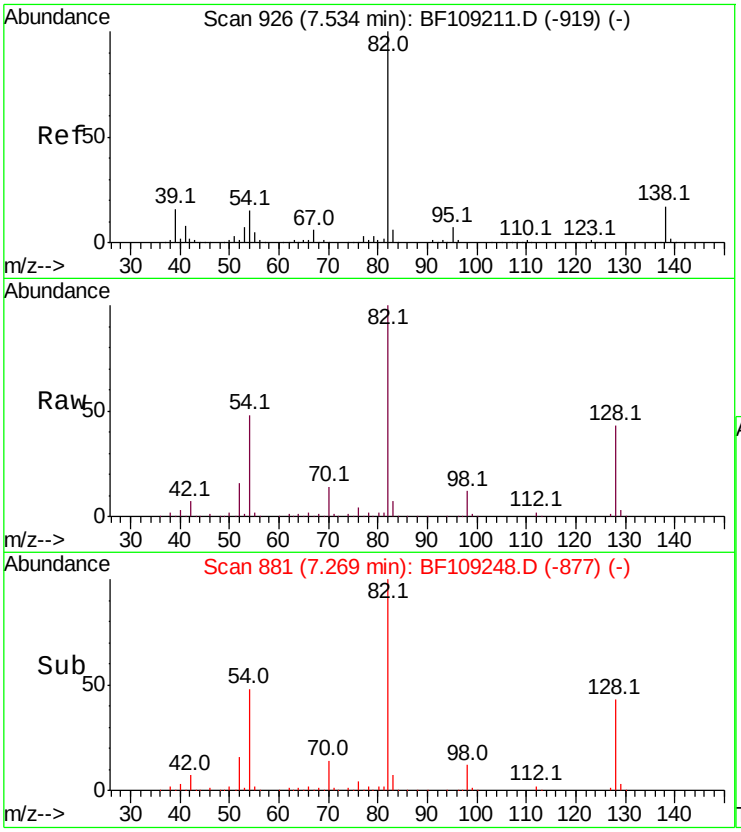


#23
Nitrobenzene-d5
Concen: 95.650 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion: 82 Resp: 586790

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	47.9	41.4	62.2



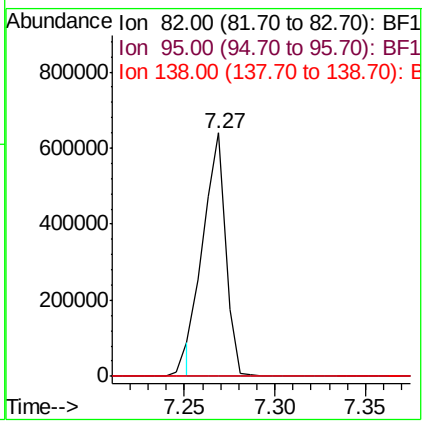


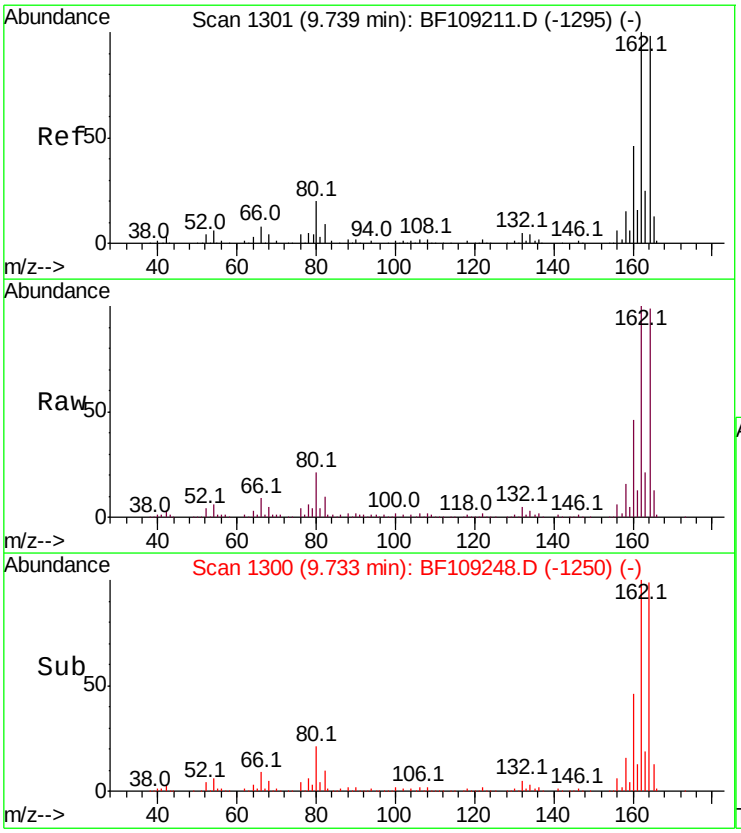
#25
Isophorone
Concen: 49.720 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 549262

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

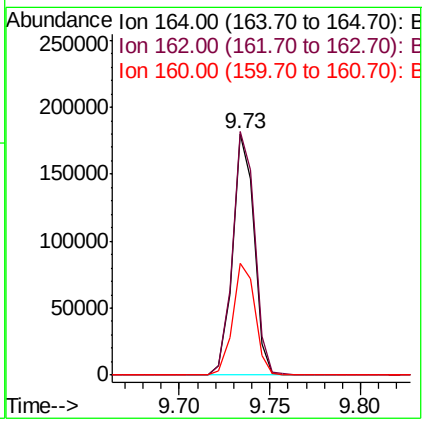


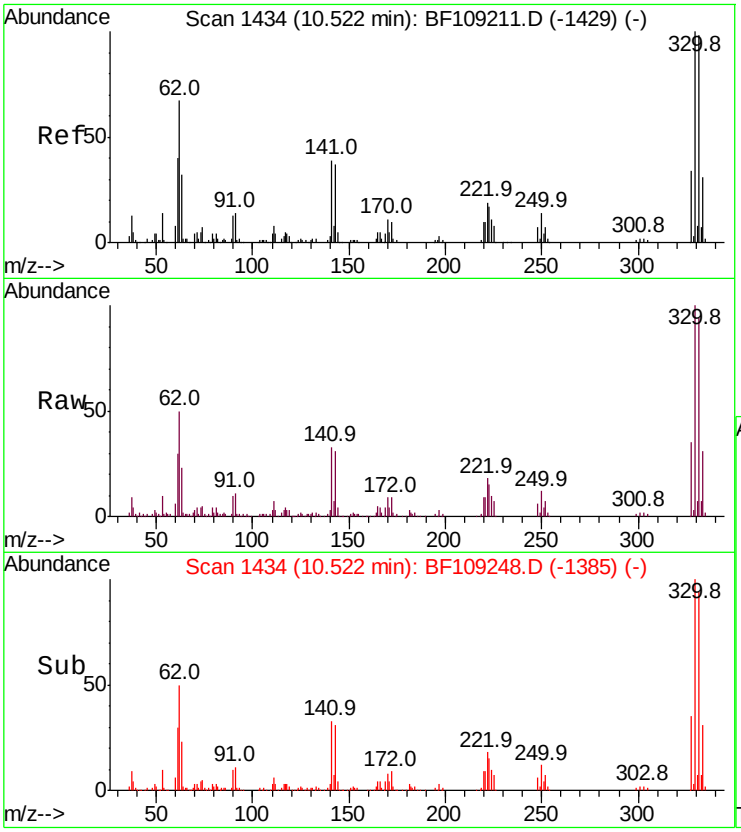


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:164 Resp: 148734

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.1	38.3	57.5



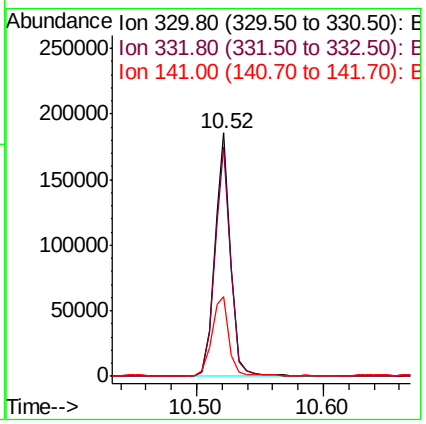


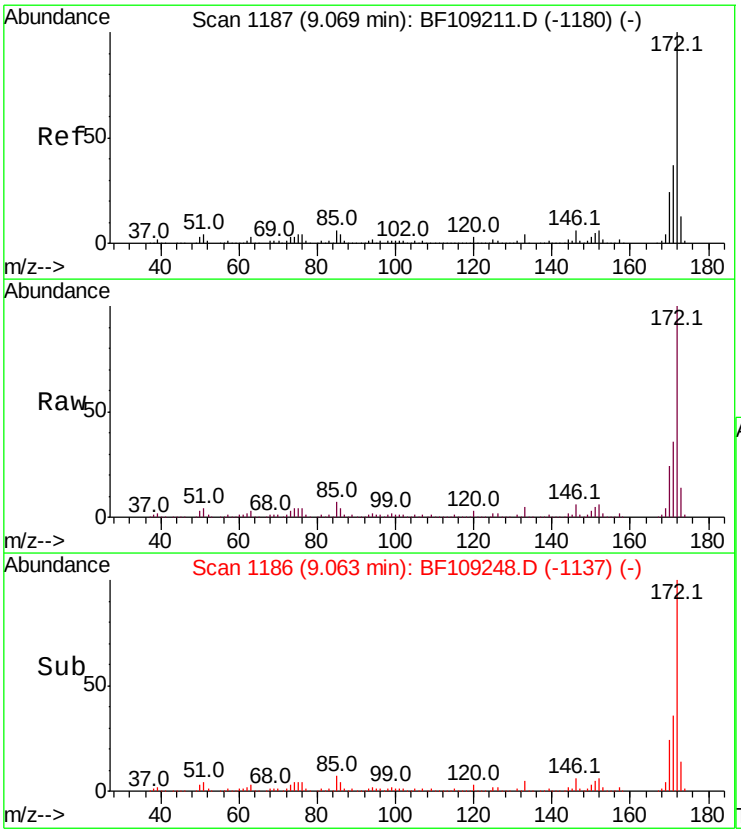
#41
2,4,6-Tribromophenol
Concen: 110.137 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 161484

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	36.2	29.9	44.9

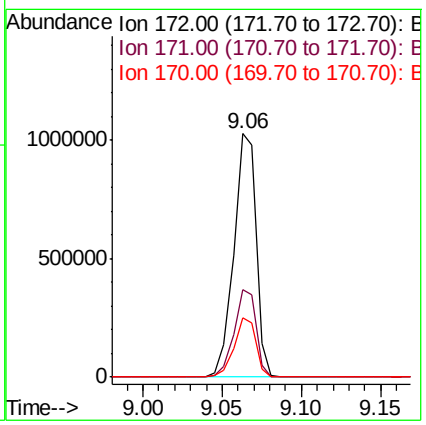


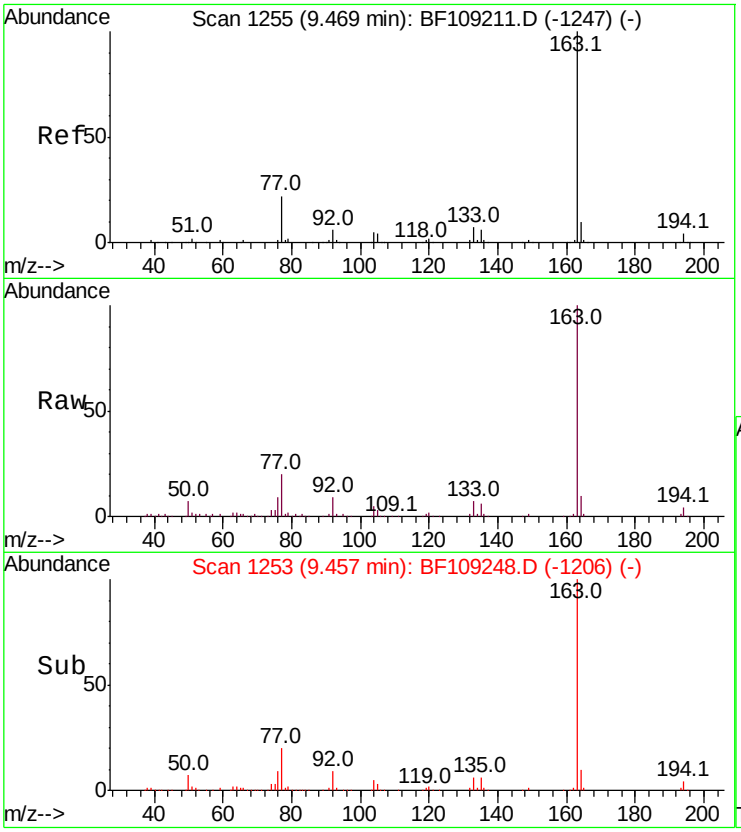


#44
2-Fluorobiphenyl
Concen: 101.660 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:172 Resp: 1002546

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4



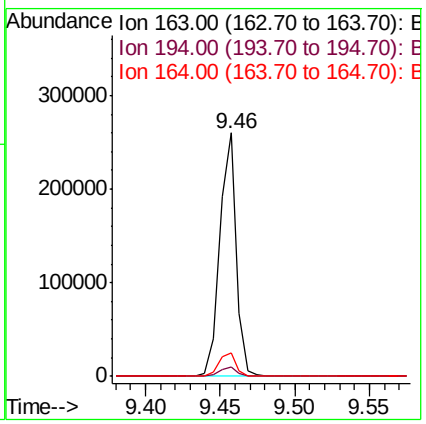


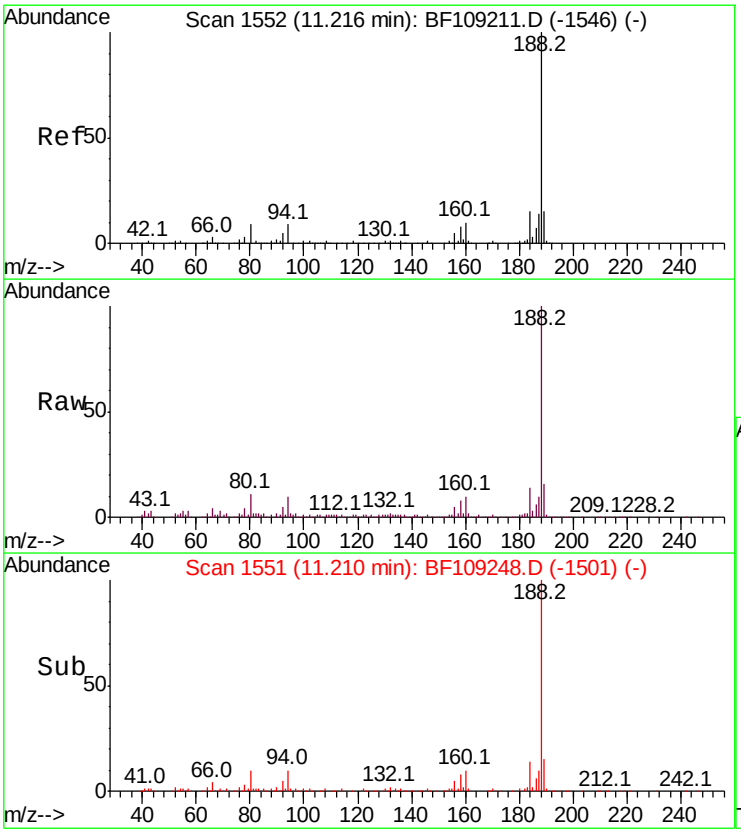
#49
Dimethylphthalate
Concen: 18.667 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:163 Resp: 201941

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2

Instrument :
BNA_F
ClientSampleId :

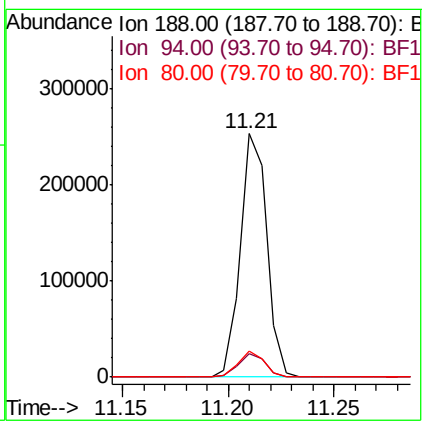


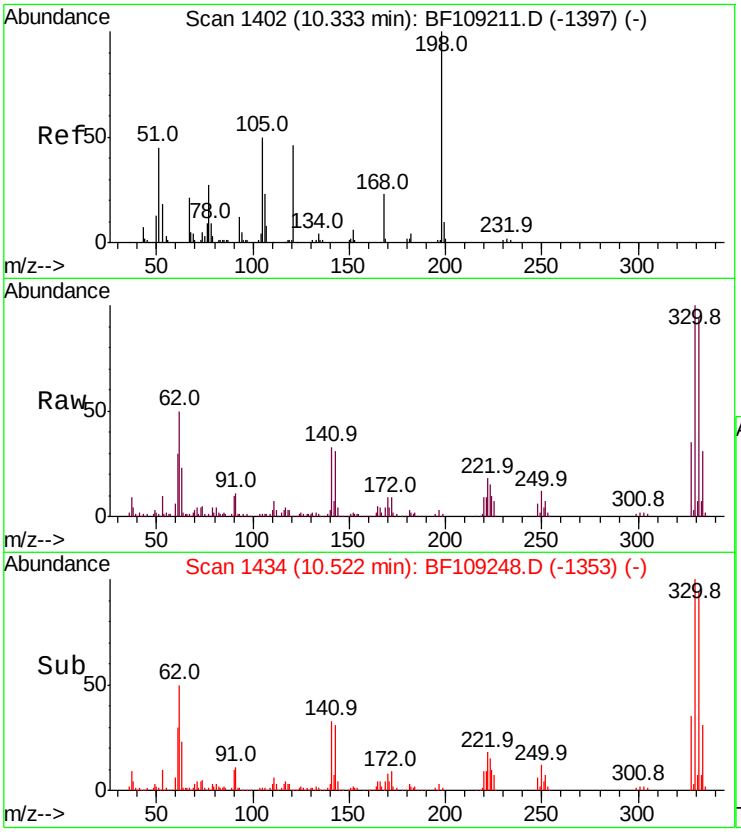


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:188 Resp: 219762

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.5	9.2	13.8



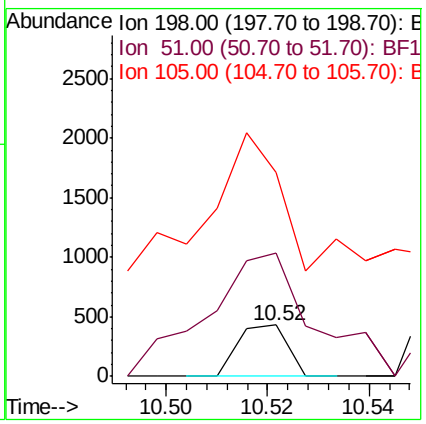


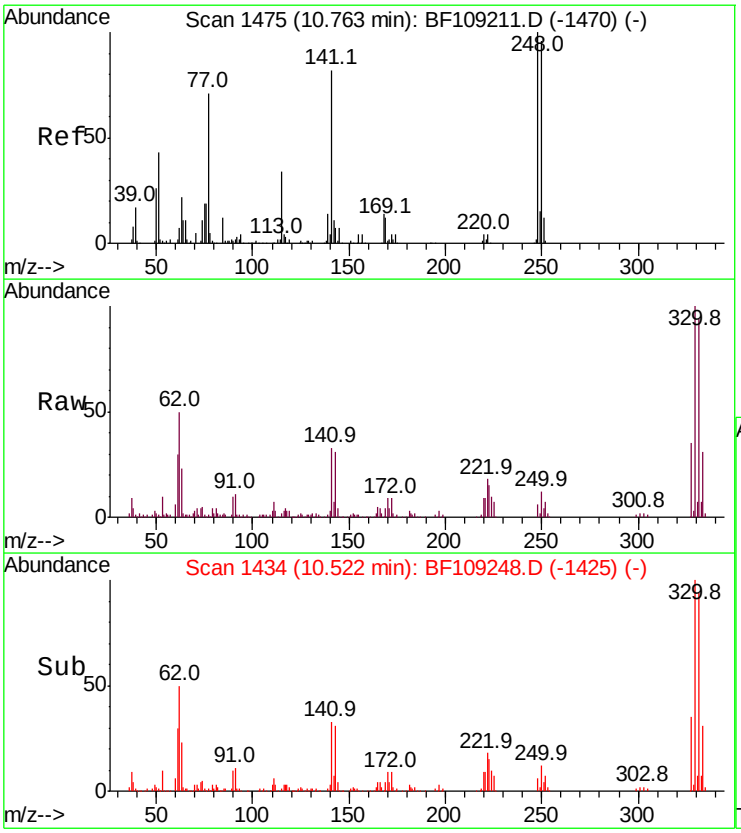
#64
4,6-Dinitro-2-methylphenol
Concen: 6.810 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 295

Ion	Ratio	Lower	Upper
198	100		
51	239.3	37.7	77.7#
105	396.5	36.3	76.3#

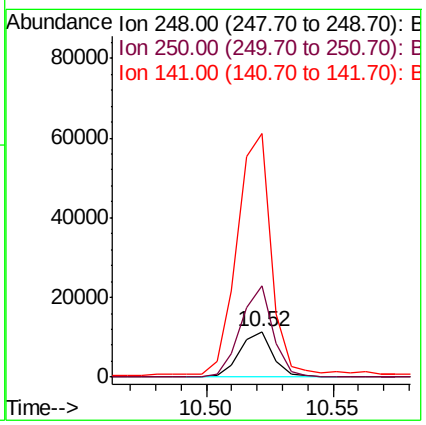


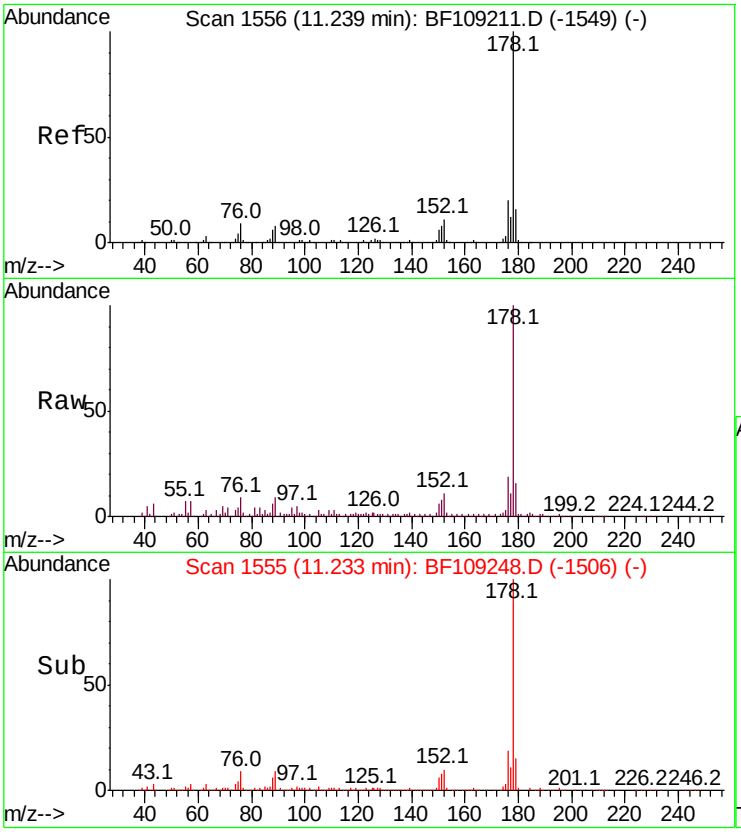


#66
4-Bromophenyl-phenylether
Concen: 4.221 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:248 Resp: 10300

Ion	Ratio	Lower	Upper
248	100		
250	201.5	76.9	115.3#
141	535.9	74.4	111.6#



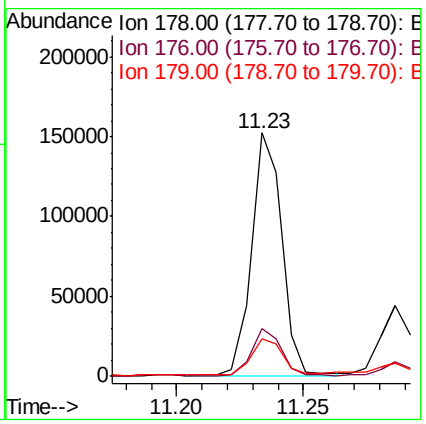


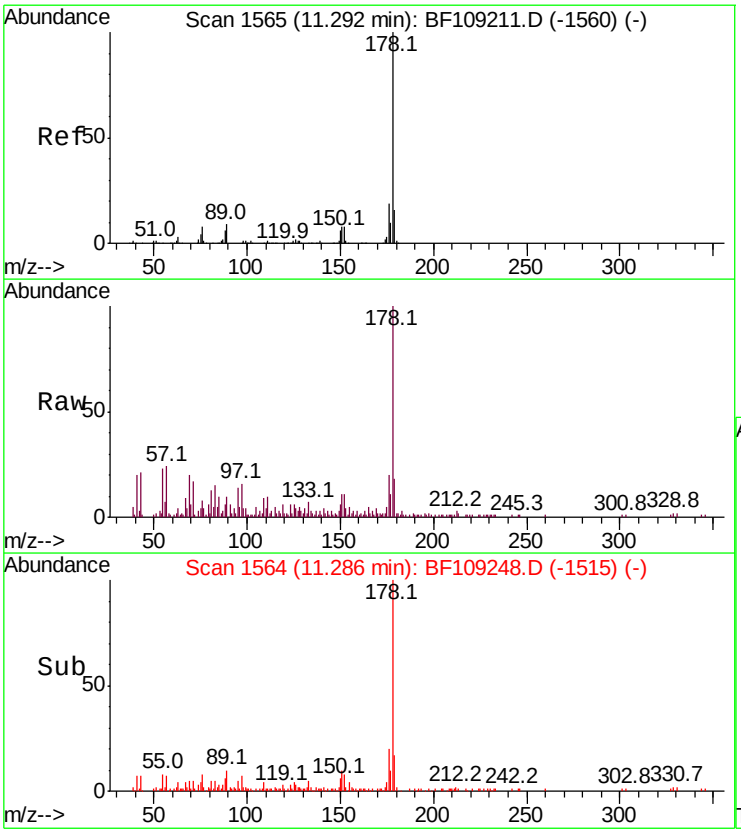
#70
Phenanthrene
Concen: 11.442 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 125549

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6

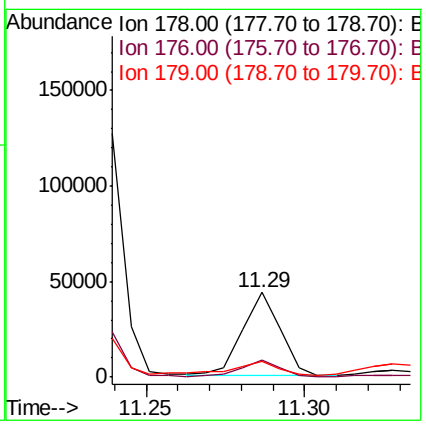


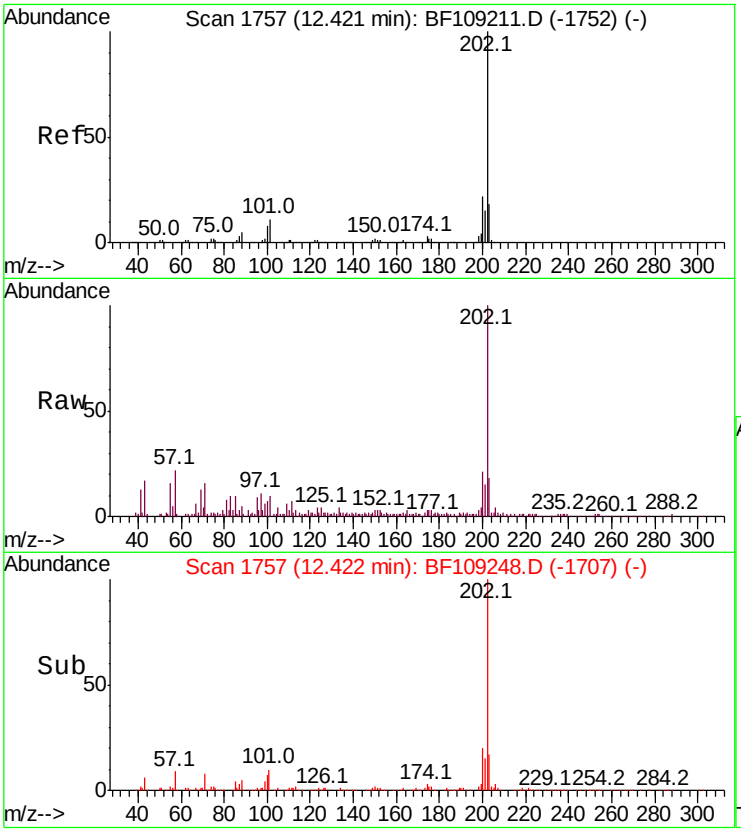


#71
Anthracene
Concen: 3.196 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:178 Resp: 35568

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	18.2	12.6	19.0



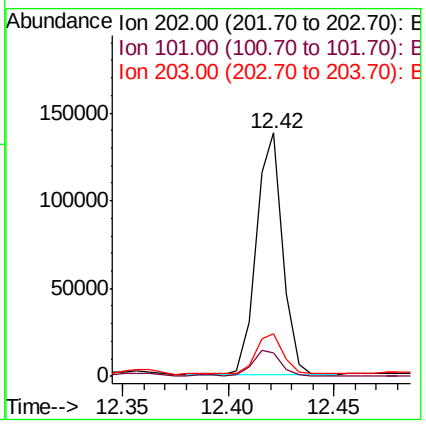


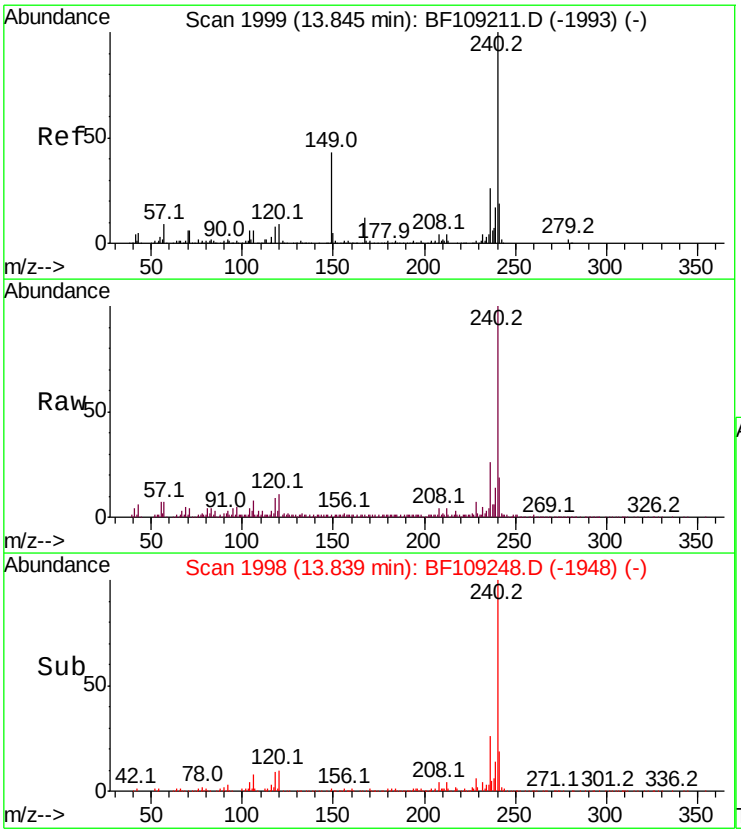
#74
Fluoranthene
Concen: 10.209 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 119709

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.6	0.0	38.1

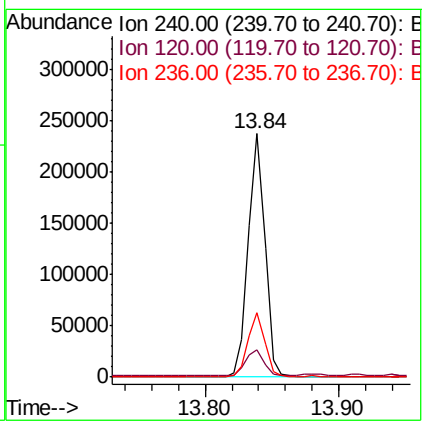


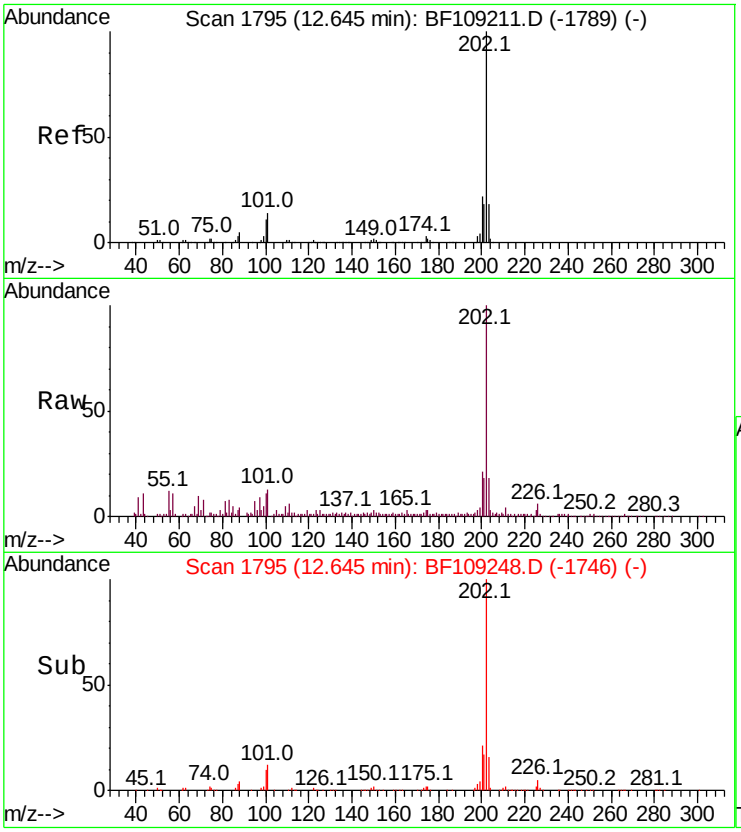


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:240 Resp: 201516

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.3	20.7	31.1



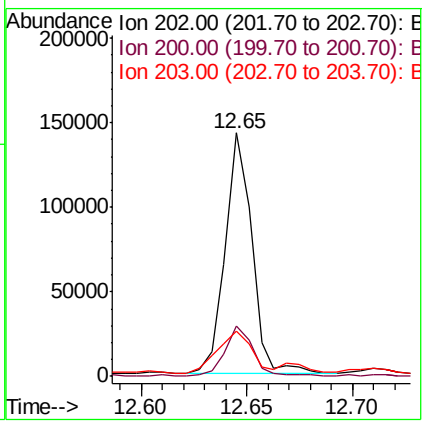


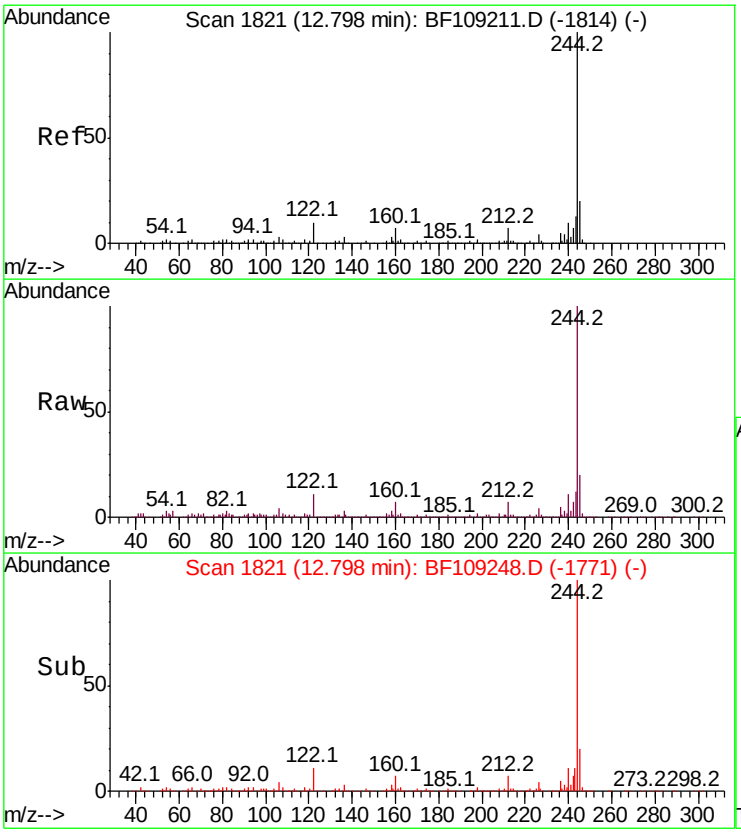
#77
Pyrene
Concen: 8.645 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 124851

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.4	14.3	21.5

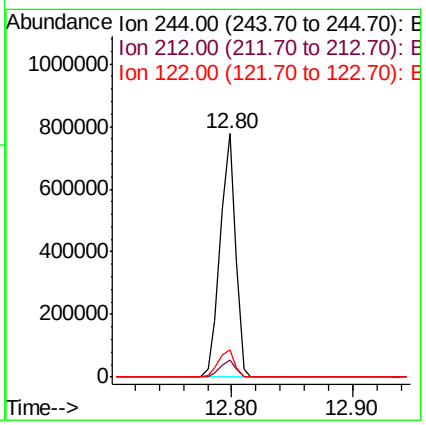


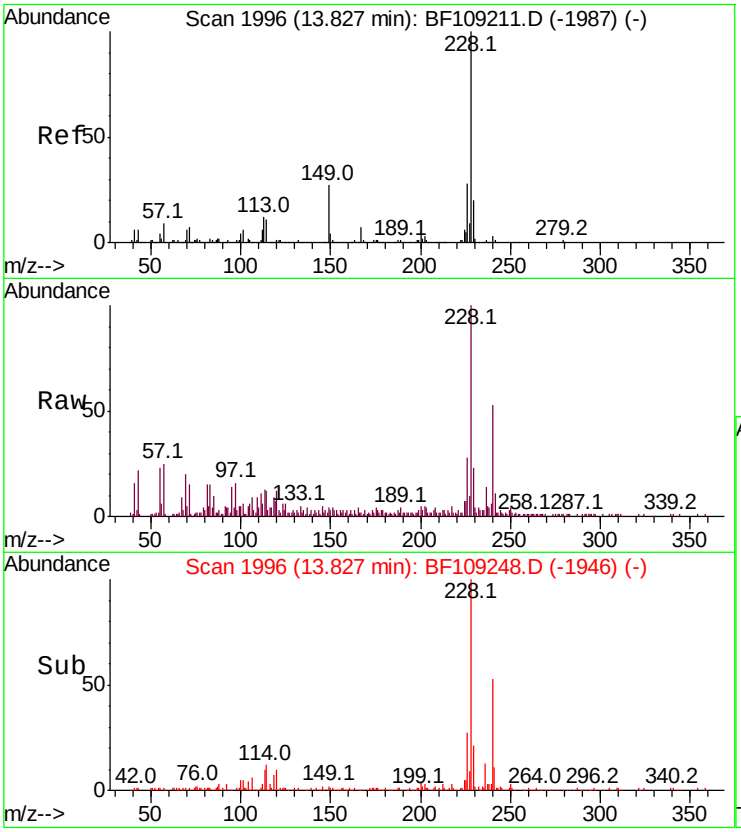


#78
Terphenyl-d14
Concen: 82.860 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:244 Resp: 680381

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4



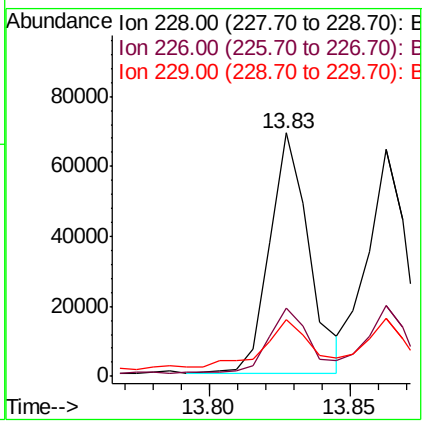


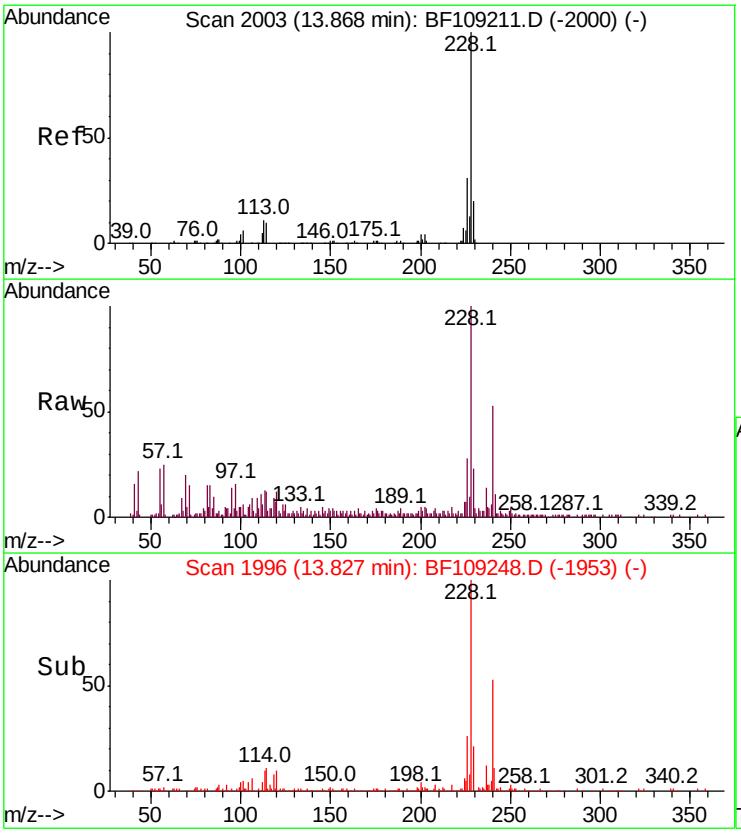
#80
Benzo(a)anthracene
Concen: 5.475 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 66451

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.1	15.8	23.6

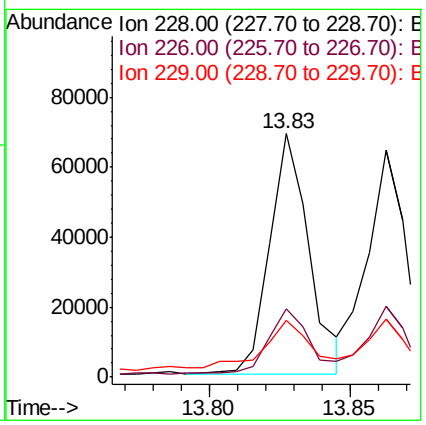


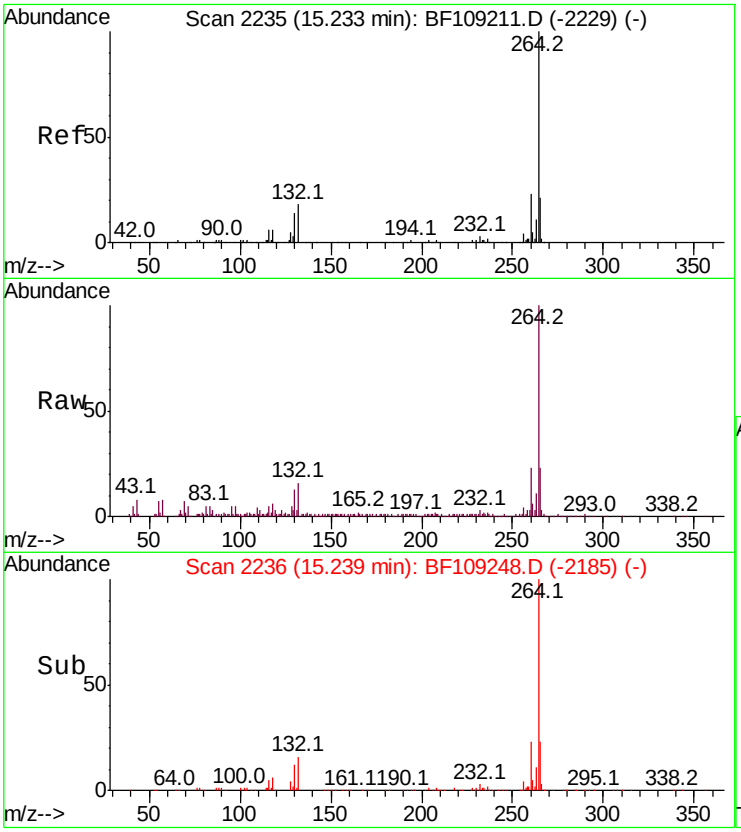


#82
Chrysene
Concen: 5.524 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.05 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:228 Resp: 66451

Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	23.1	16.2	24.4



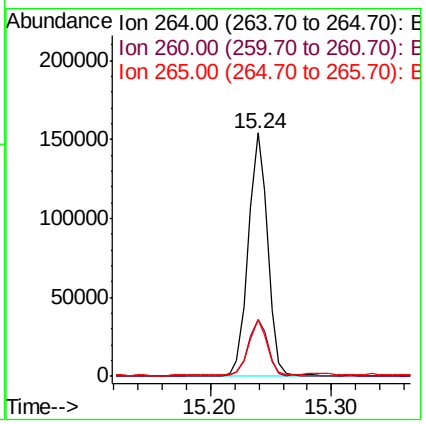


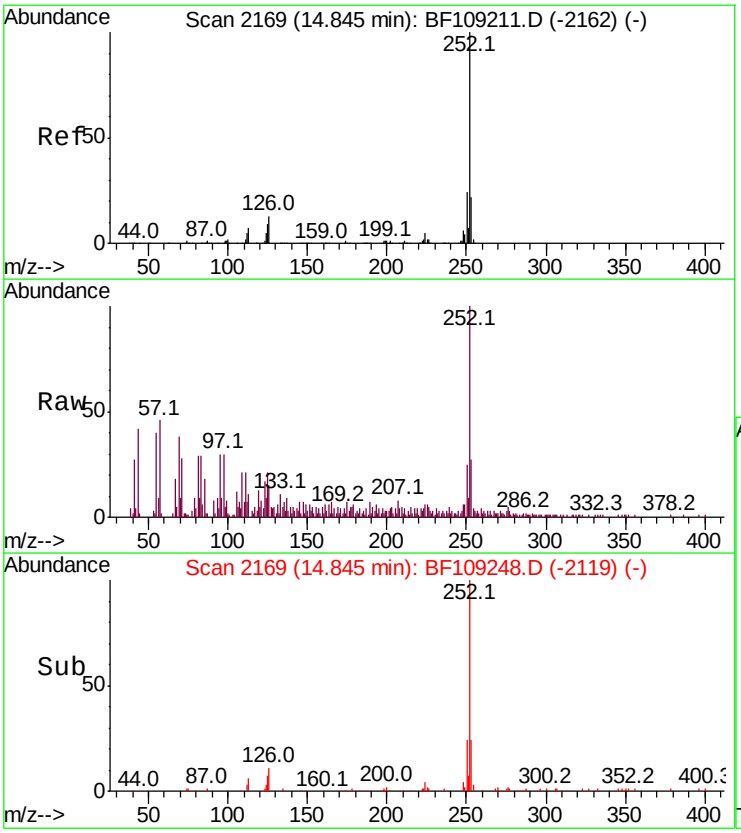
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 171593

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.1	17.5	26.3

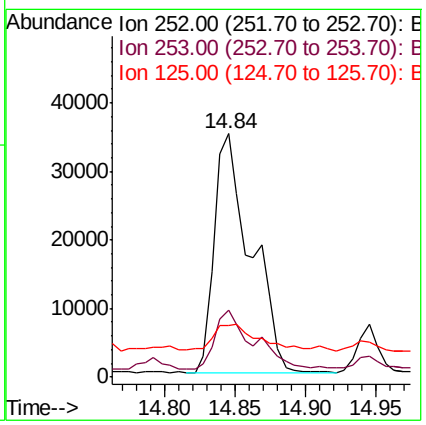


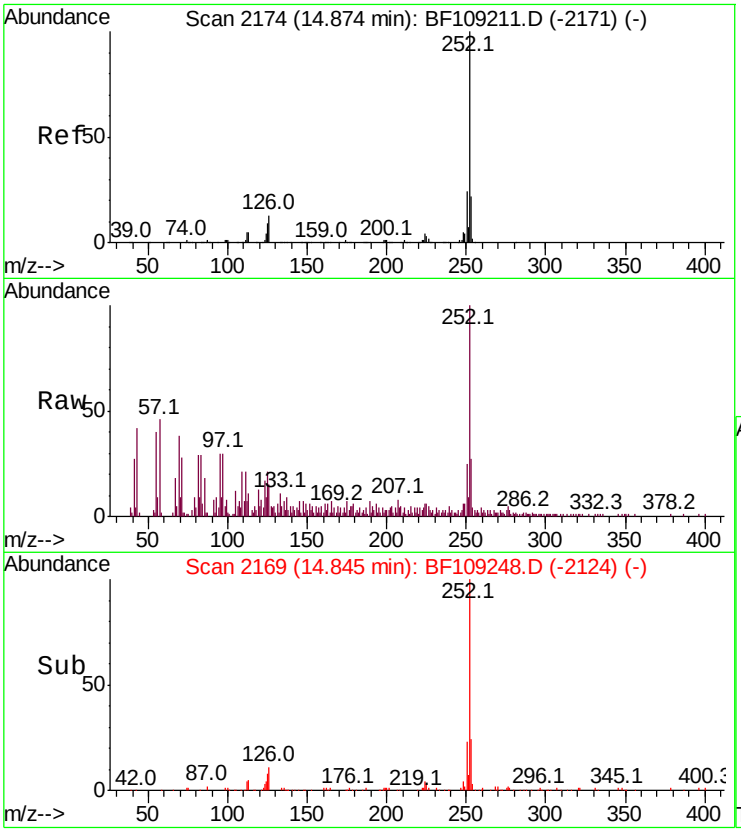


#87
Benzo(b)fluoranthene
Concen: 6.729 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:252 Resp: 63449

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	21.2	9.0	13.6#



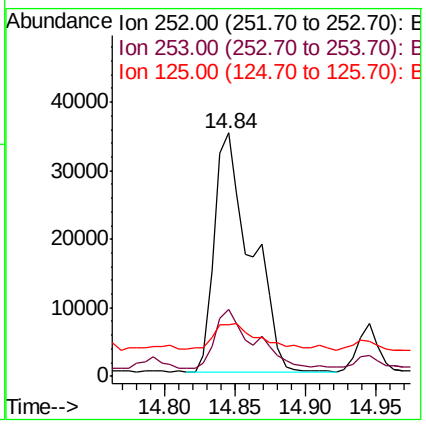


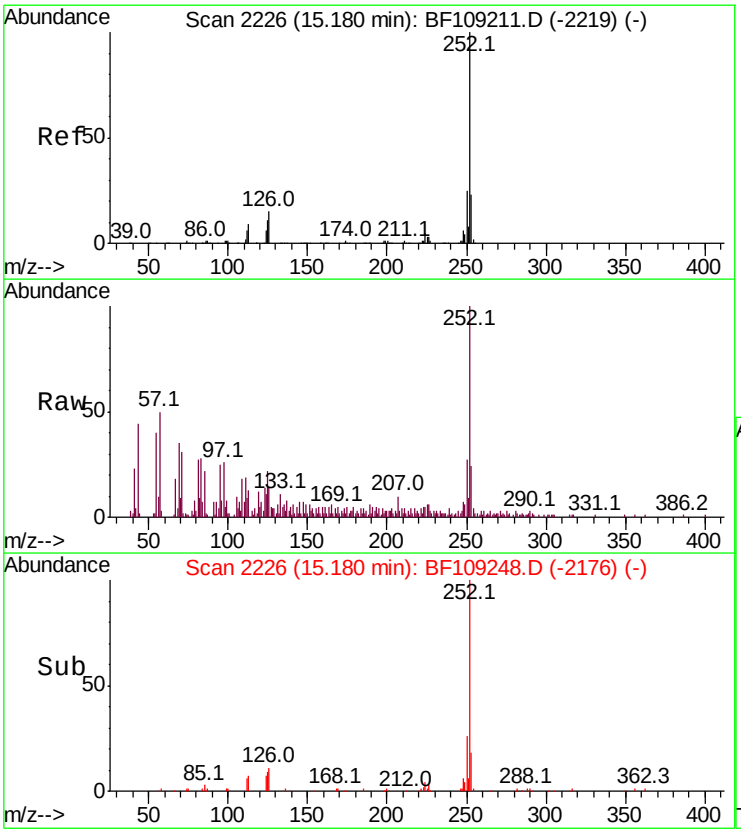
#88
Benzo(k)fluoranthene
Concen: 7.091 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 63449

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.9	26.9#
125	21.2	10.2	15.2#

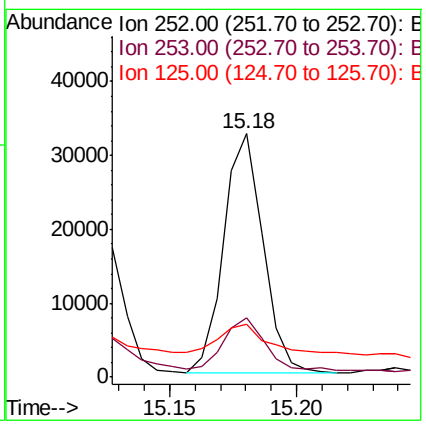


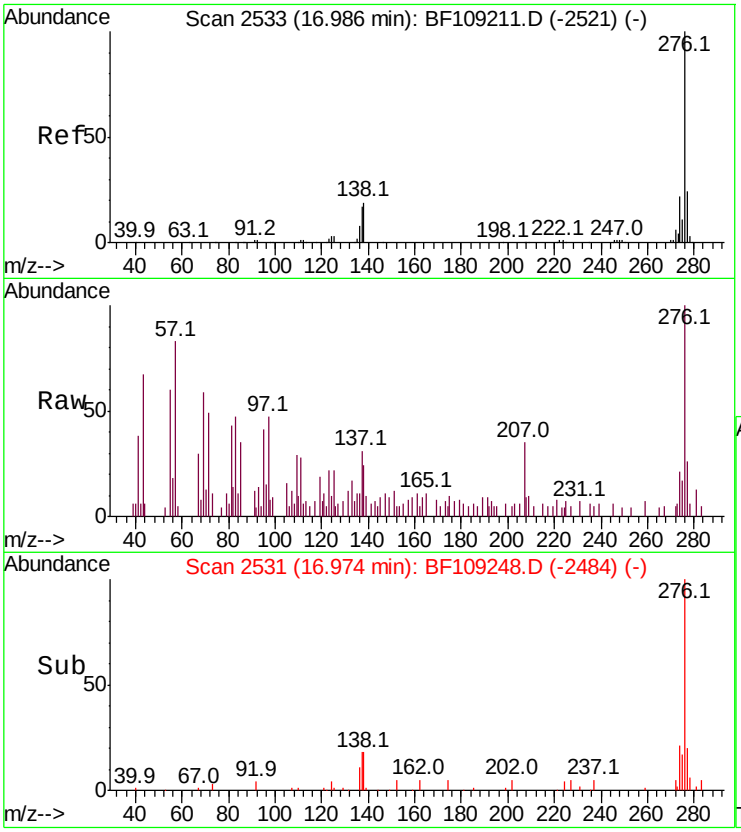


#89
Benzo(a)pyrene
Concen: 4.124 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:252 Resp: 35038

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	21.6	9.8	14.6#

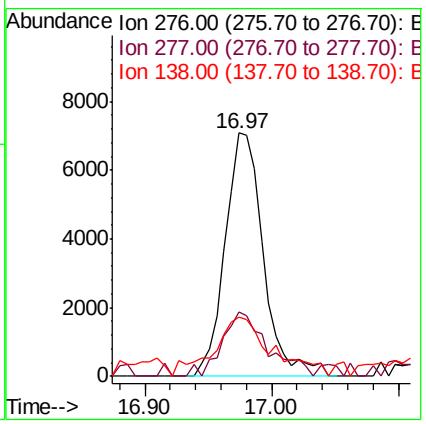




#91
Benzo(g,h,i)perylene
Concen: 2.154 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF109248.D
Acq: 23 Sep 2018 4:12

Tgt Ion:276 Resp: 14758

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	24.2	21.8	32.8



Instrument :
BNA_F
ClientSampleId :