Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109097.D
Acq On : 18 Sep 2018 16:00
Operator : JU/SJ
Sample : J4936-27
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 17:57:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137190	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	512525	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	233947	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	328456	20.00	ng		0.00
75) Chrysene-d12	13.86	240	292913	20.00	ng		0.00
86) Perylene-d12	15.27	264	348593	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	717410	86.85	ng		0.00
7) Phenol-d6	6.35	99	938597	88.12	ng		0.00
23) Nitrobenzene-d5	7.28	82	595913	65.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	164075	64.62	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	878808	58.85	ng		0.00
78) Terphenyl-d14	12.82	244	533034	43.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	29563	2.467	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	80910	11.492	ng	#	77
25) Isophorone	7.28	82	590738	37.608	ng	#	64
31) Naphthalene	8.02	128	48240	2.028	ng		99
37) 2-Methylnaphthalene	8.71	142	39094	2.521	ng		100
49) Dimethylphthalate	9.47	163	180311	10.783	ng	#	98
70) Phenanthrene	11.25	178	195420	12.137	ng	#	92
71) Anthracene	11.31	178	33331	2.042	ng	#	66
74) Fluoranthene	12.45	202	336125	19.775	ng		95
77) Pyrene	12.67	202	350701	16.119	ng		98
80) Benzo(a)anthracene	13.85	228	211873	11.947	ng		97
82) Chrysene	13.89	228	227962	12.848	ng		97
85) Indeno(1,2,3-cd)pyrene	16.61	276	98147	6.919	ng	#	91
87) Benzo(b)fluoranthene	14.87	252	360358	18.686	ng		95
88) Benzo(k)fluoranthene	14.87	252	360358	20.006	ng		98
89) Benzo(a)pyrene	15.21	252	167032	9.753	ng		98
91) Benzo(g,h,i)perylene	17.02	276	83237	5.786	ng		94

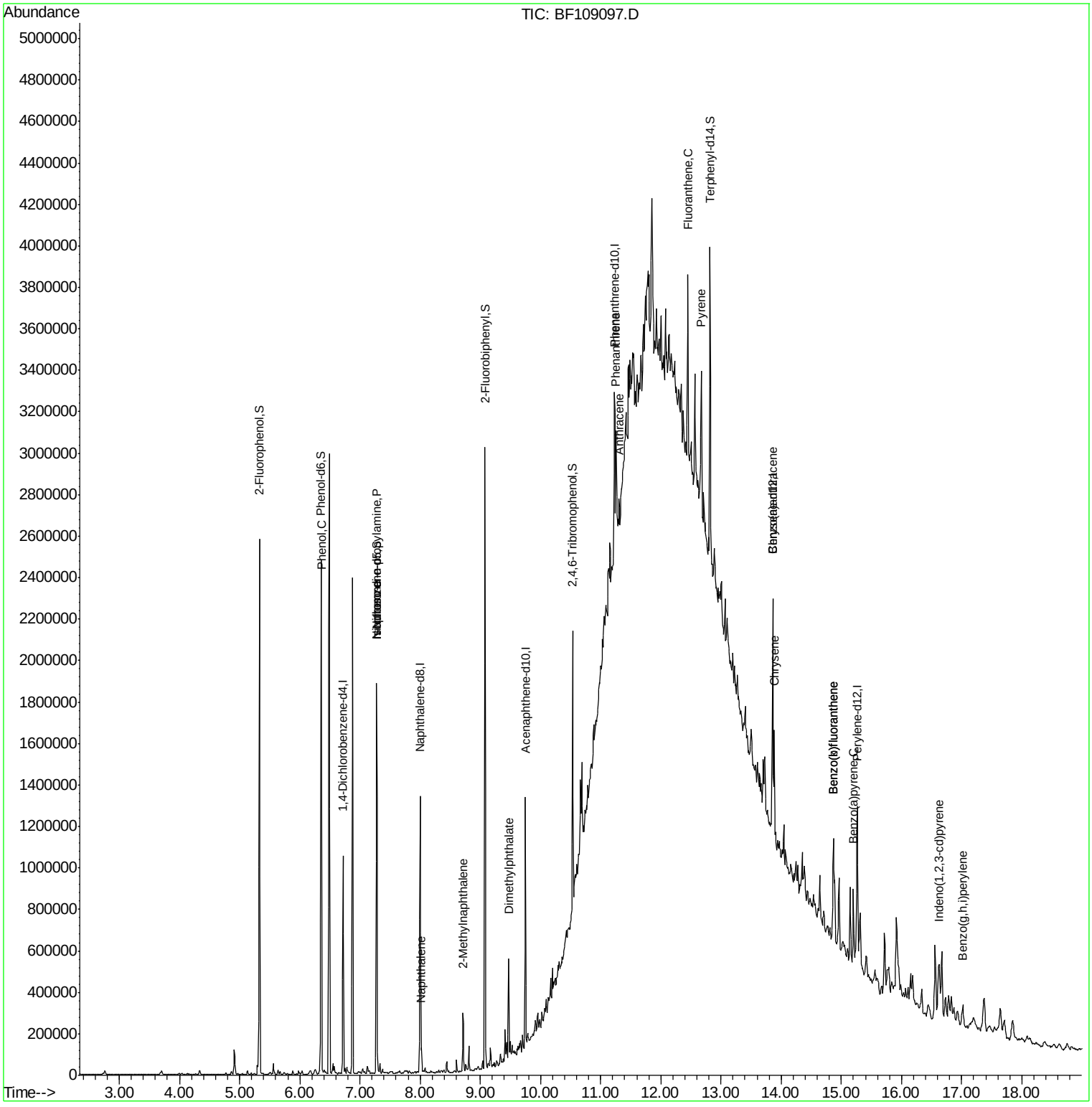
(#) = qualifier out of range (m) = manual integration (+) = signals summed

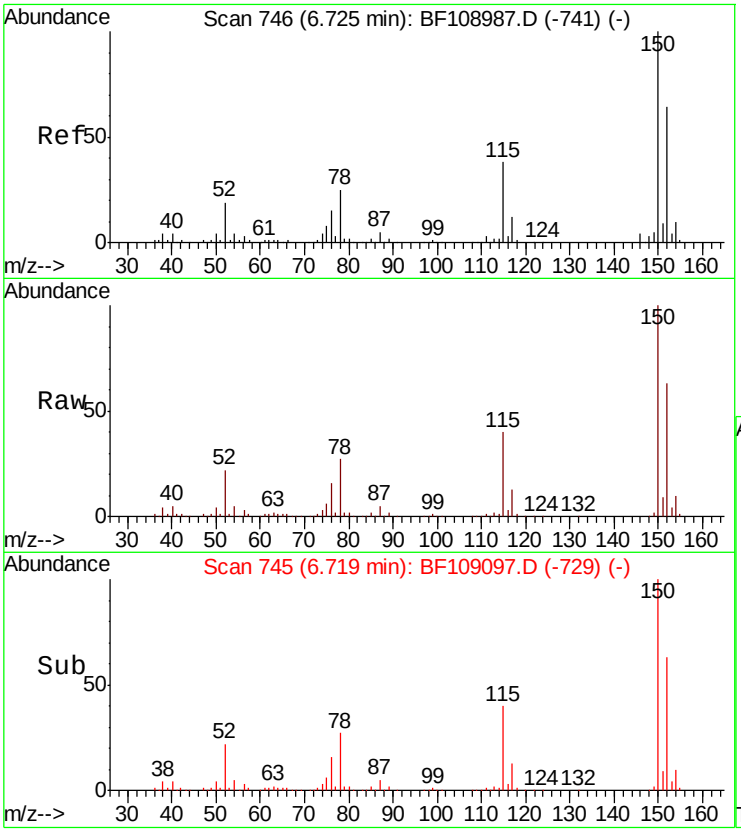
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109097.D
Acq On : 18 Sep 2018 16:00
Operator : JU/SJ
Sample : J4936-27
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 18 17:57:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



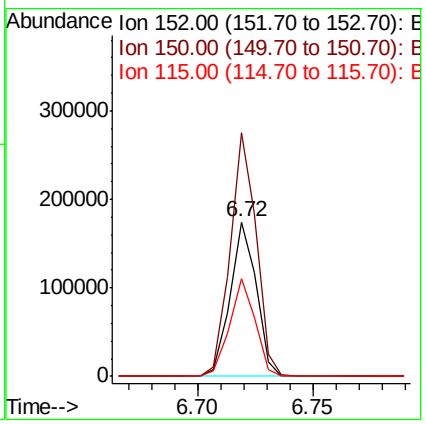


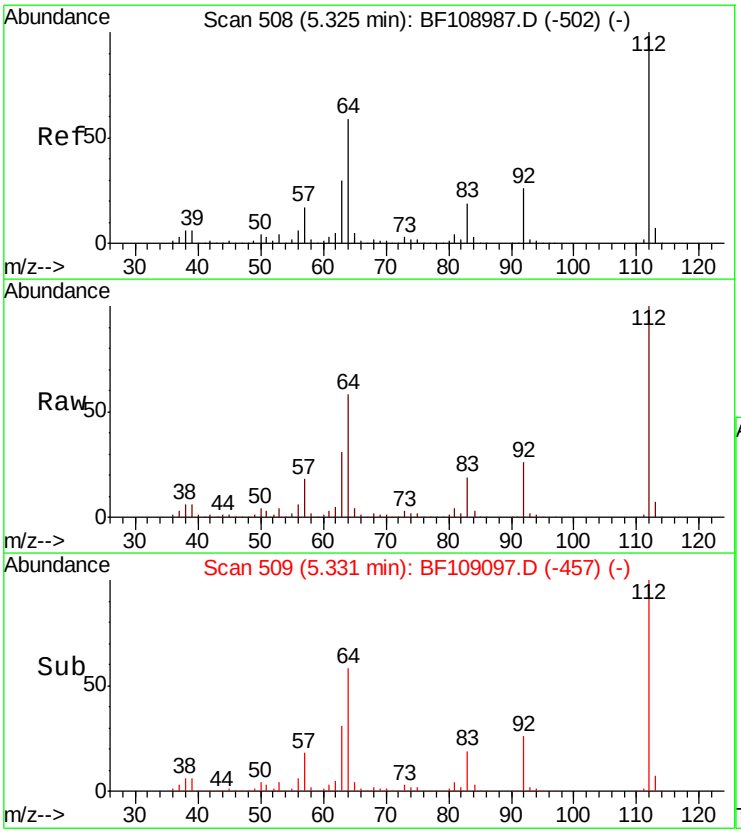
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137190

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.5	50.1	75.1

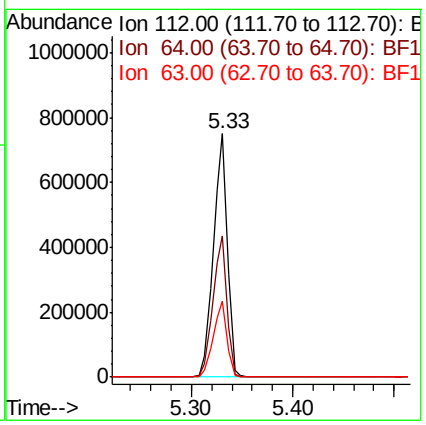


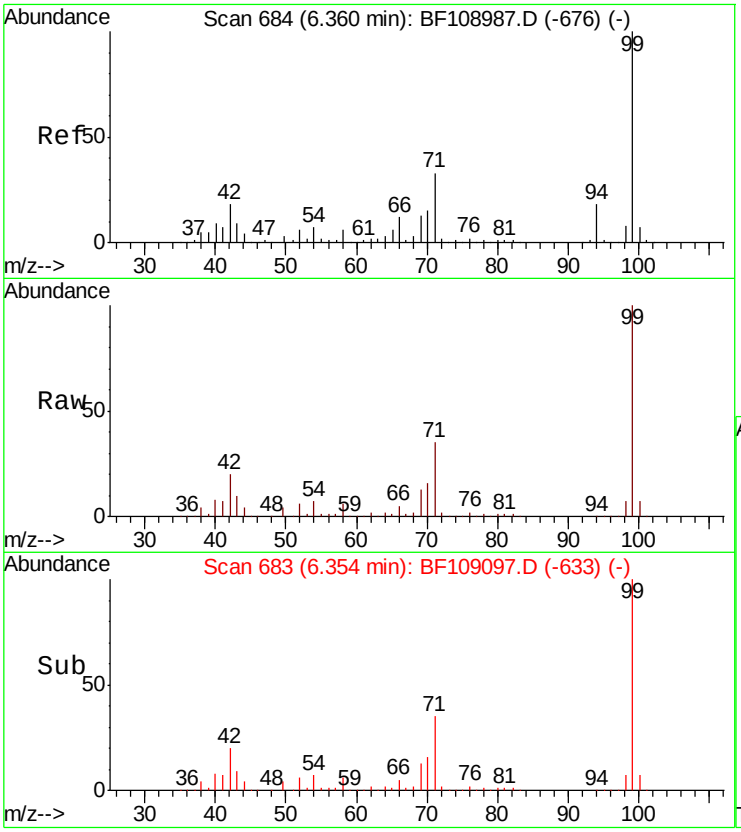


#5
2-Fluorophenol
Concen: 86.853 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:112 Resp: 717410

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	31.0	23.7	35.5



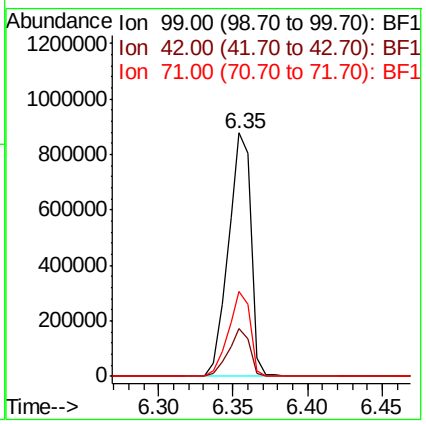


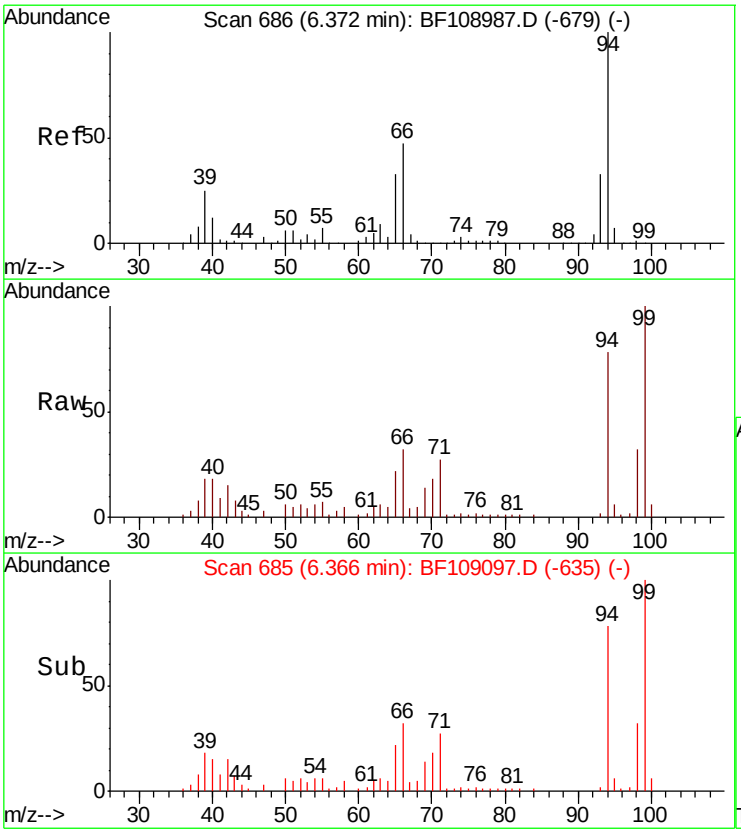
#7
Phenol-d6
Concen: 88.123 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 938597

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.8	25.4	38.0

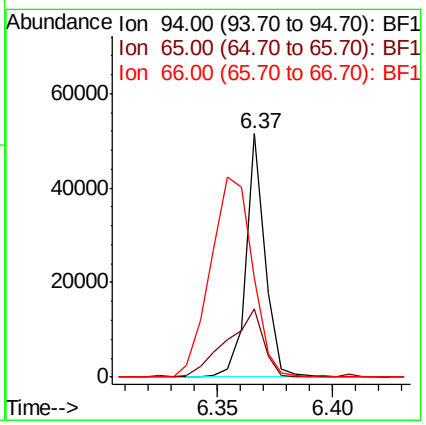


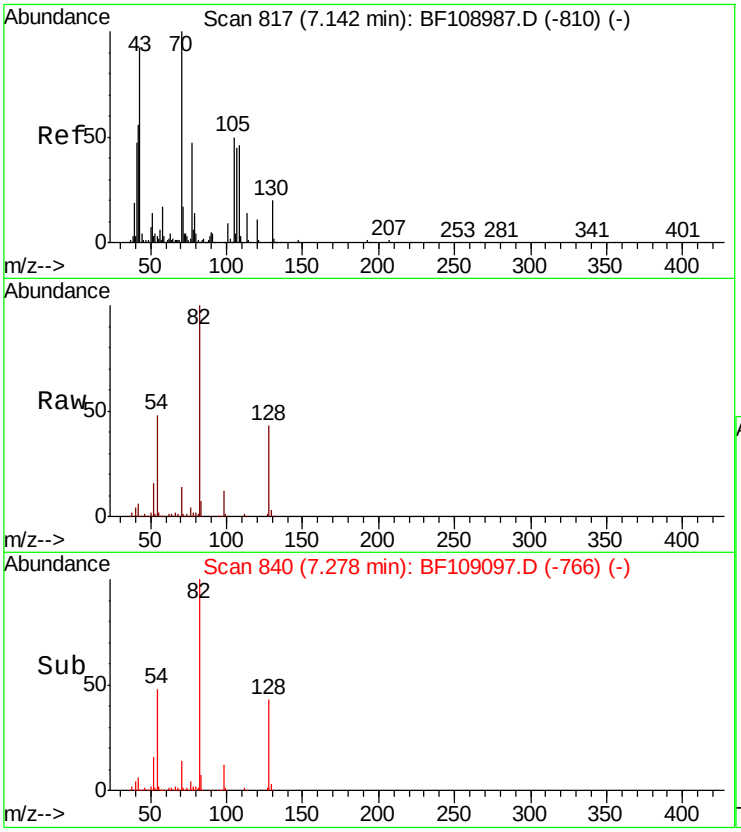


#10
Phenol
Concen: 2.467 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion: 94 Resp: 29563

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	40.8	16.2	56.2



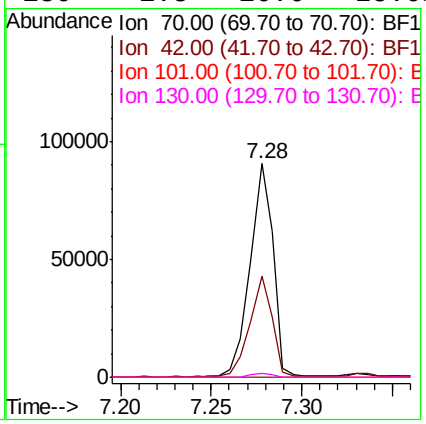


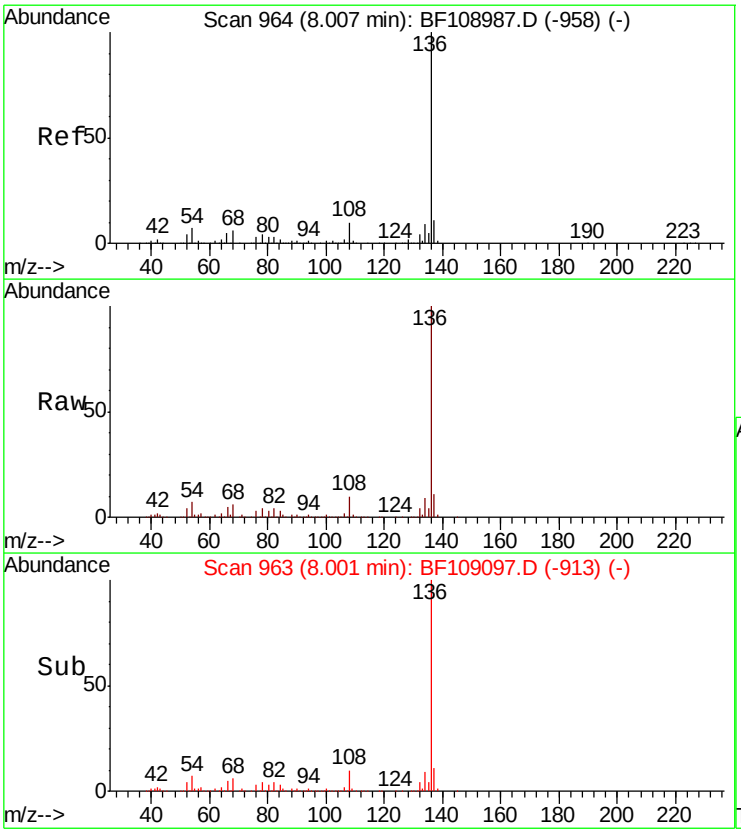
#19
n-Nitroso-di-n-propylamine
Concen: 11.492 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 80910

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

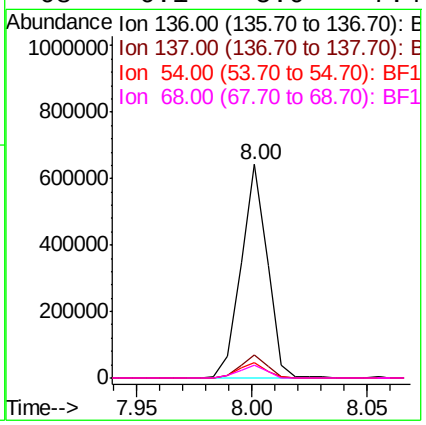


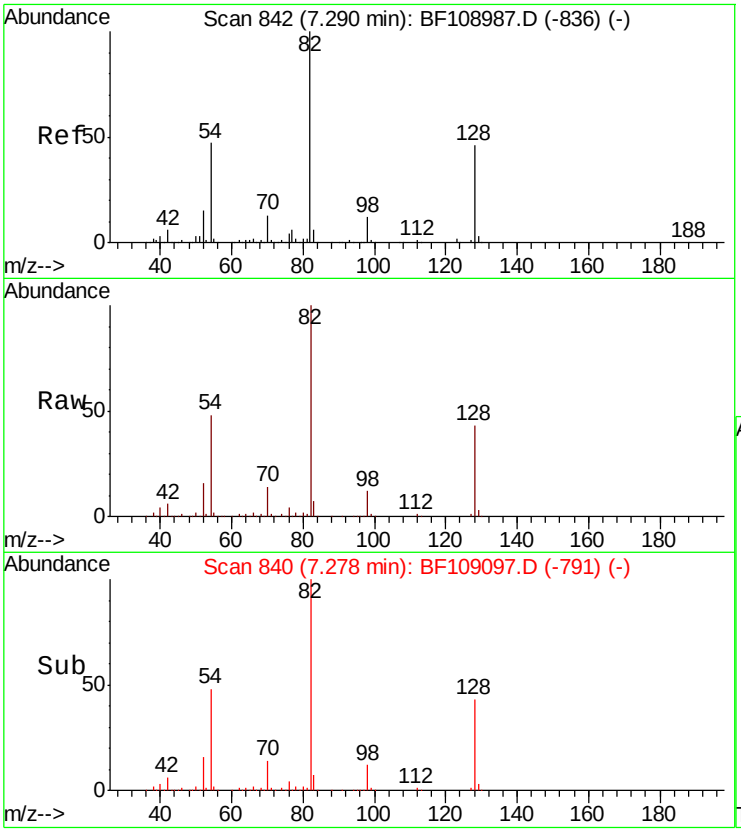


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:136 Resp: 512525

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4



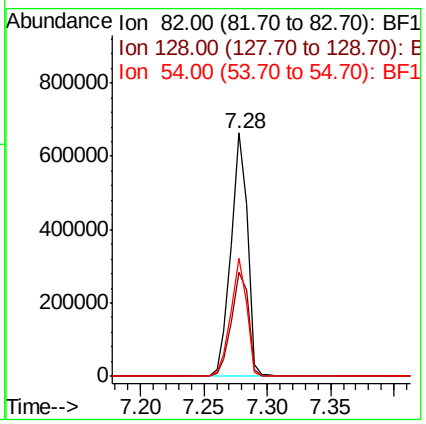


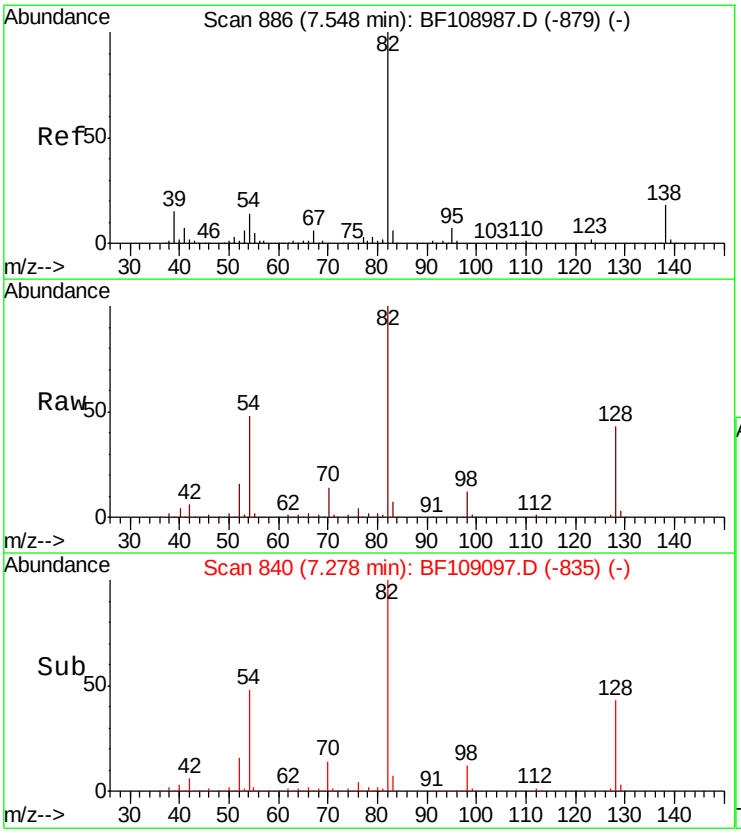
#23
Nitrobenzene-d5
Concen: 65.214 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 595913

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.4	41.4	62.2

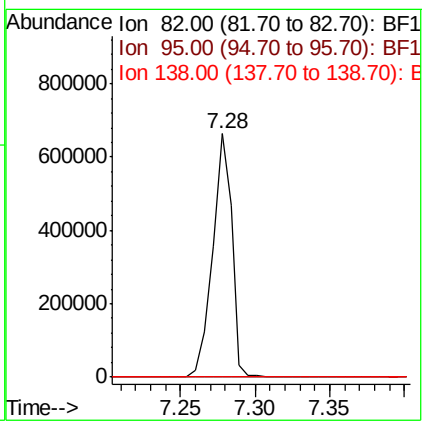


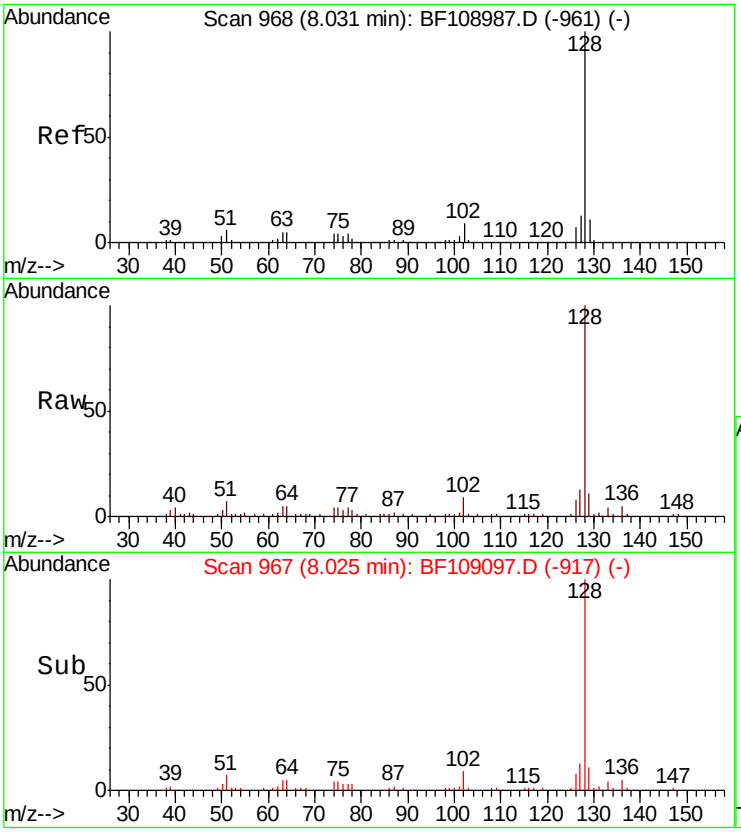


#25
Isophorone
Concen: 37.608 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion: 82 Resp: 590738

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



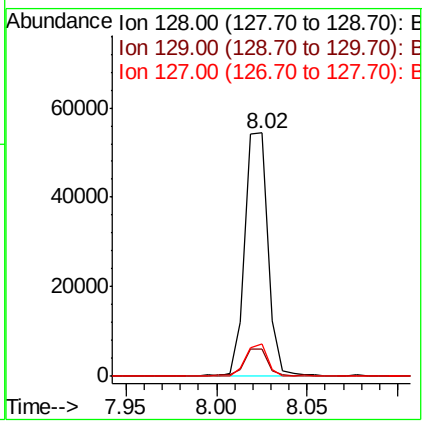


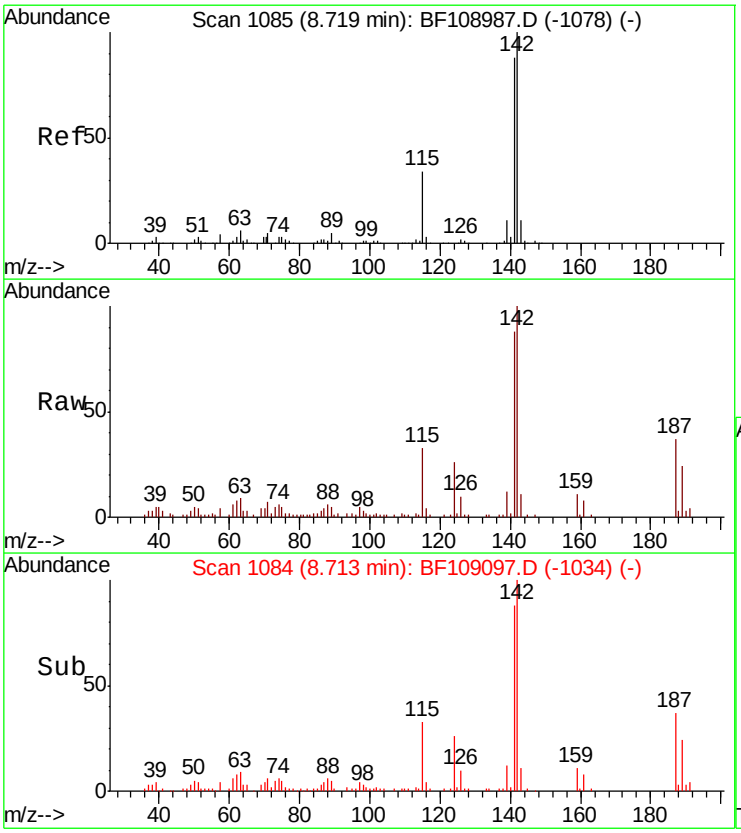
#31
Naphthalene
Concen: 2.028 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 48240

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.1	10.9	16.3

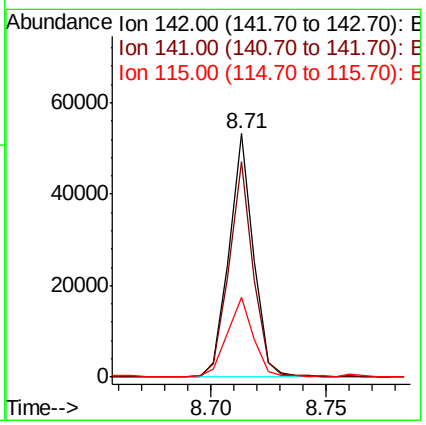


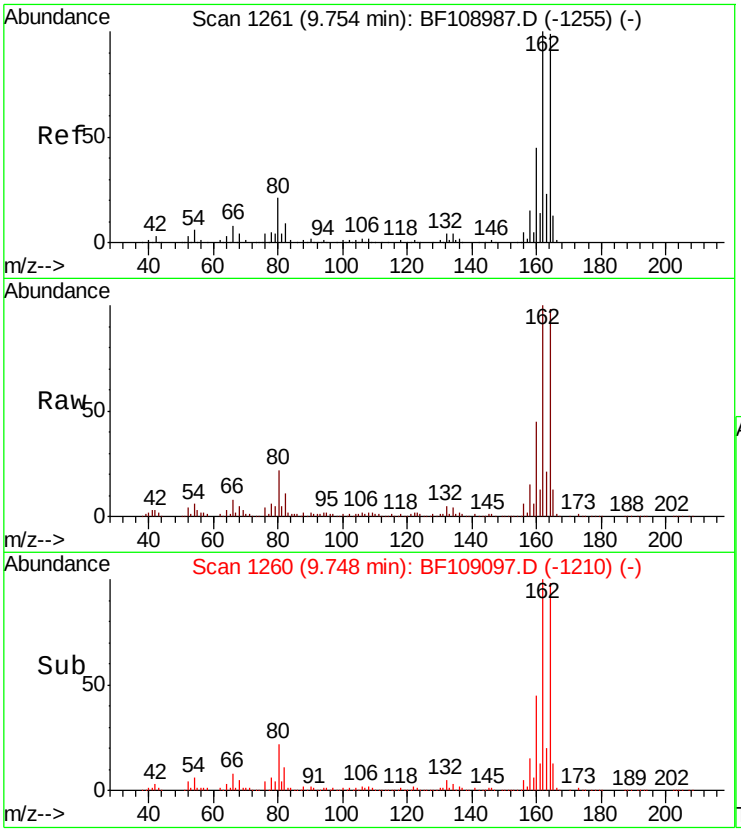


#37
2-Methylnaphthalene
Concen: 2.521 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:142 Resp: 39094

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	33.0	26.1	39.1



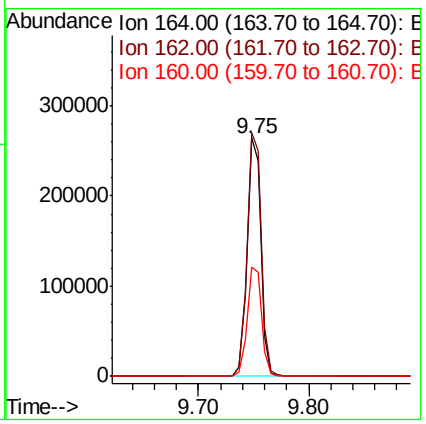


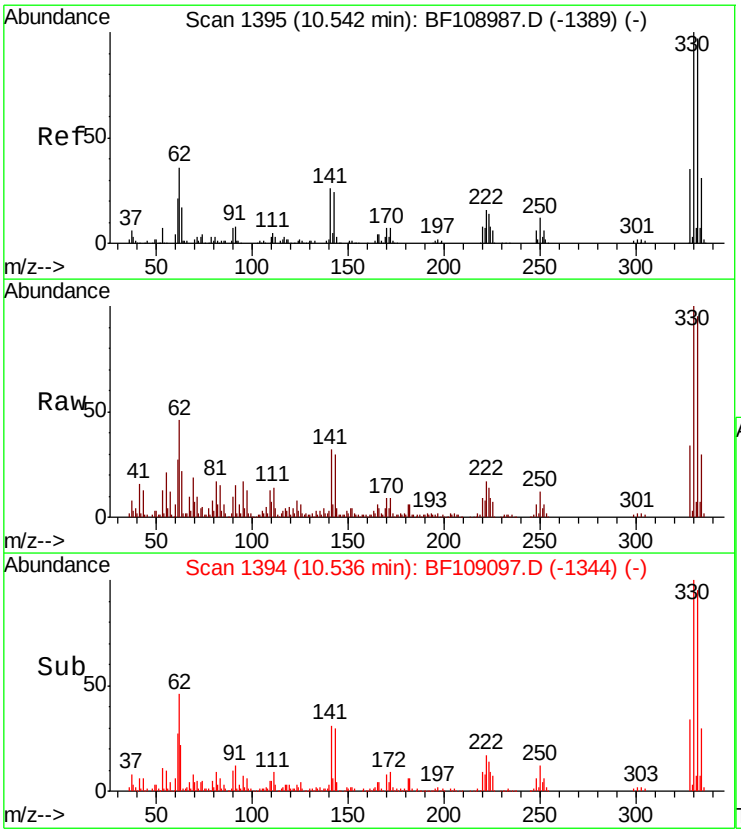
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 233947

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.0	38.3	57.5

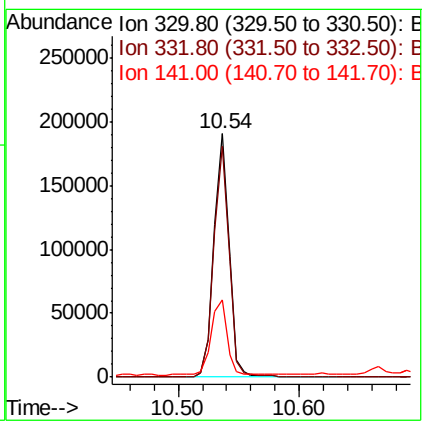


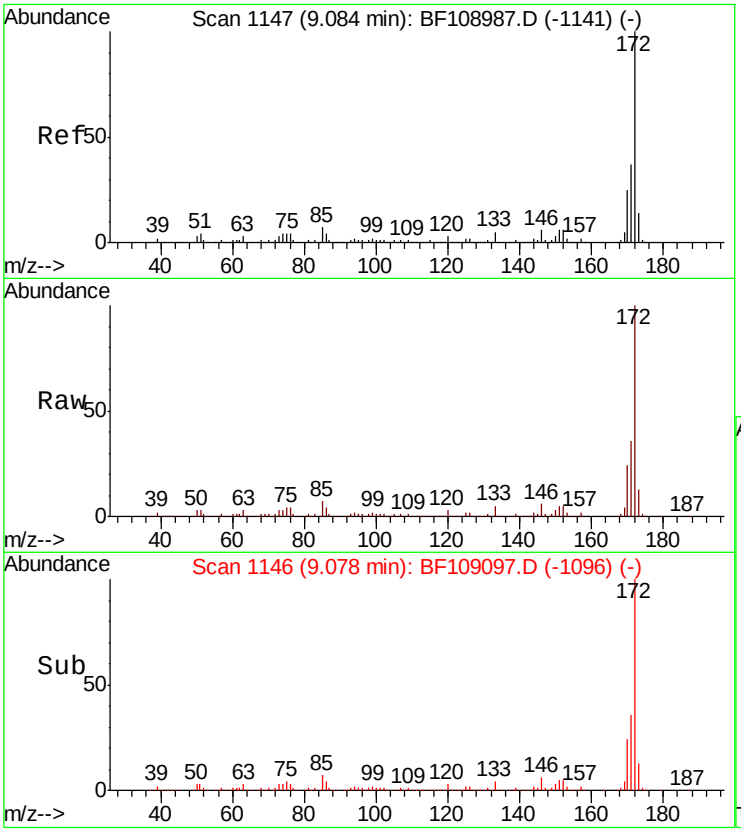


#41
2,4,6-Tribromophenol
Concen: 64.623 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:330 Resp: 164075

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.8	29.9	44.9



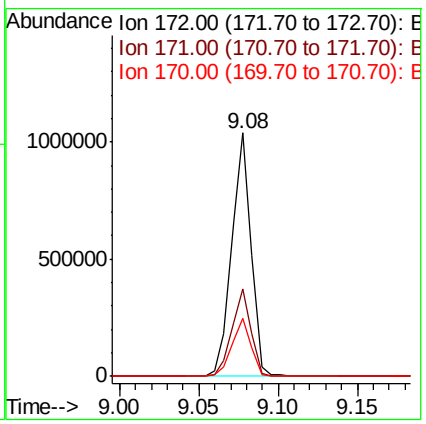


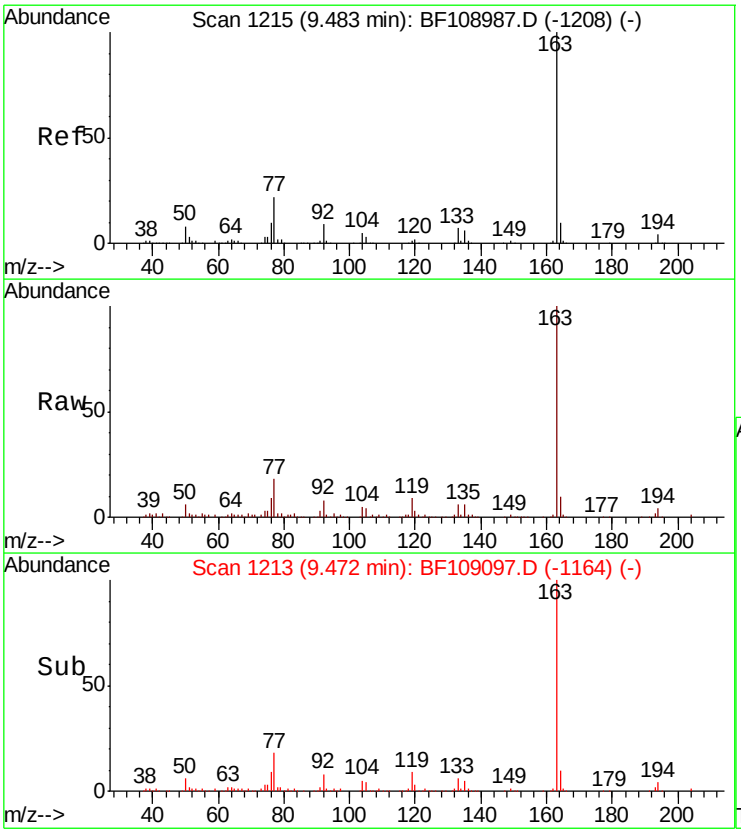
#44
2-Fluorobiphenyl
Concen: 58.853 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 878808

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

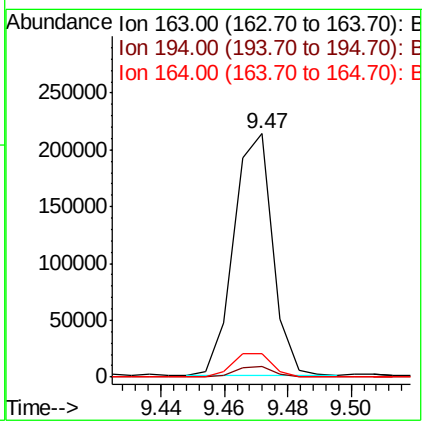


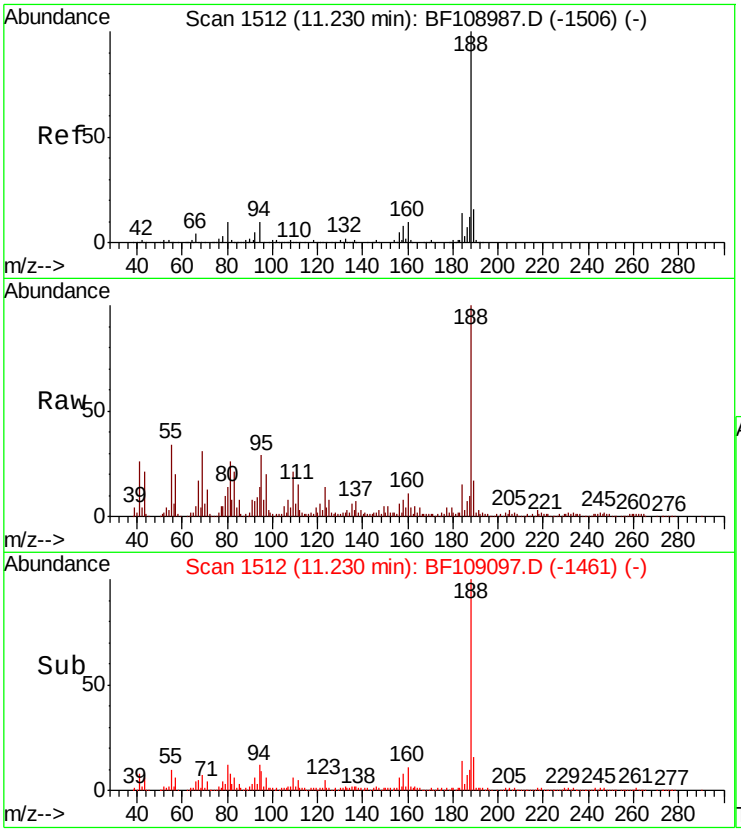


#49
Dimethylphthalate
Concen: 10.783 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:163 Resp: 180311

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.8	8.2	12.2



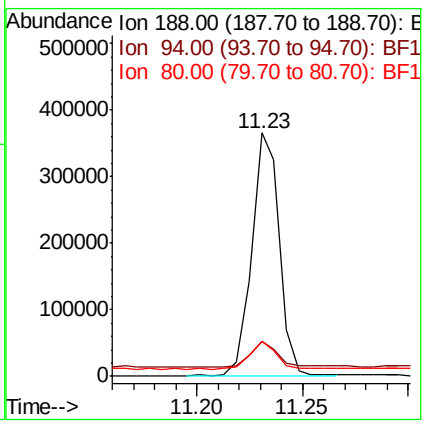


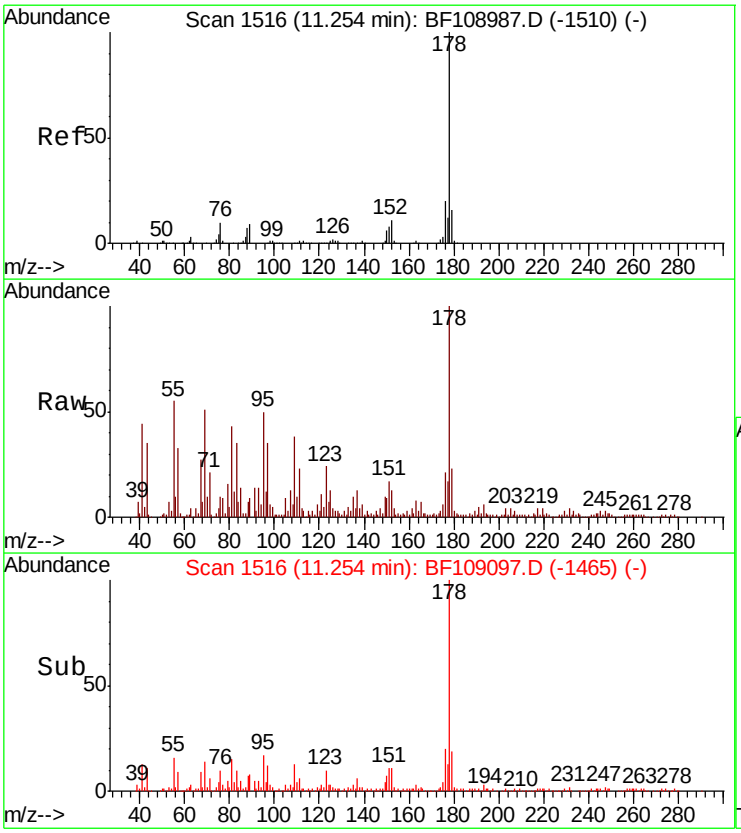
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 328456

Ion	Ratio	Lower	Upper
188	100		
94	14.3	8.5	12.7#
80	14.4	9.2	13.8#

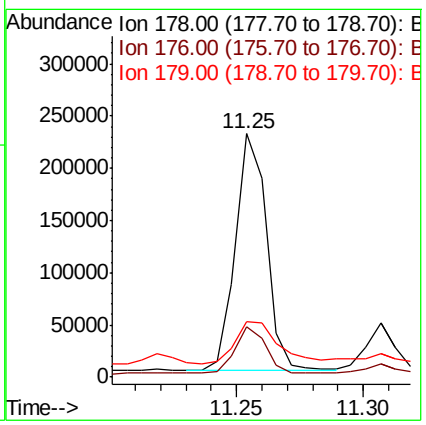


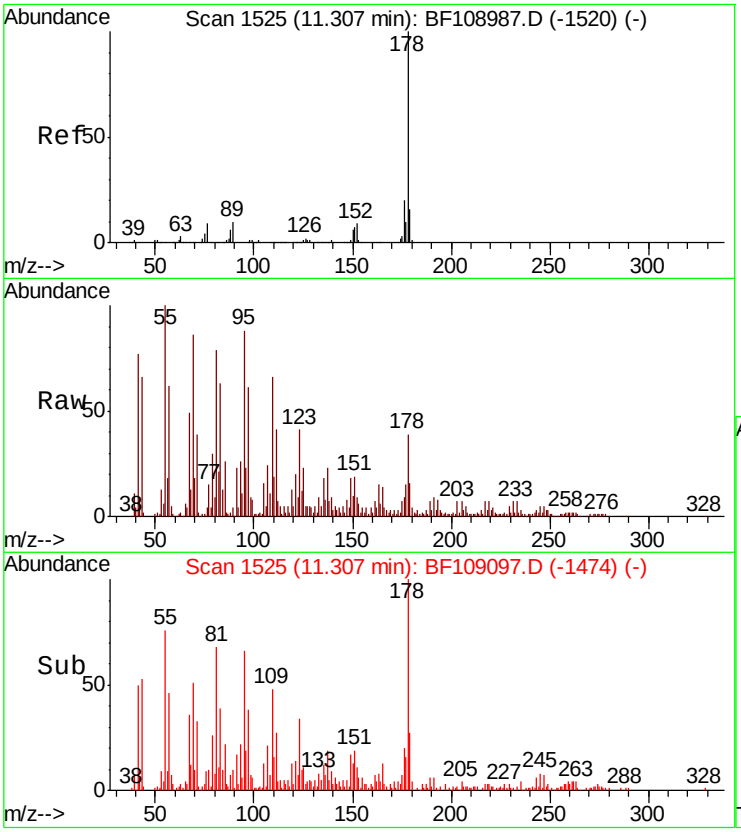


#70
Phenanthrene
Concen: 12.137 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:178 Resp: 195420

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	22.8	13.0	19.6#



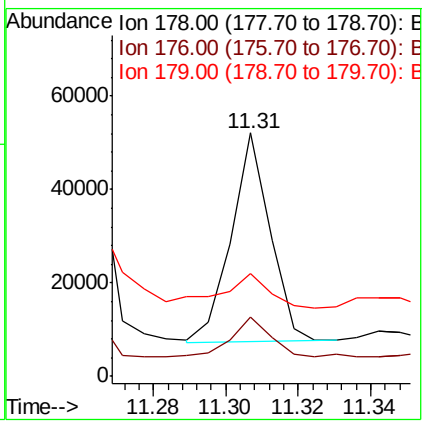


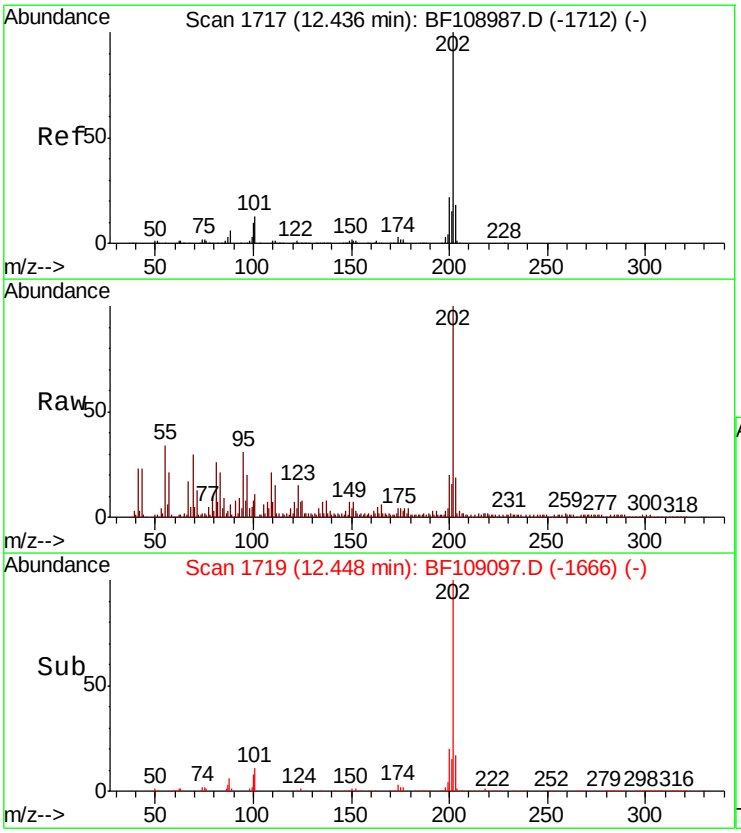
#71
Anthracene
Concen: 2.042 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 33331

Ion	Ratio	Lower	Upper
178	100		
176	24.5	15.4	23.2#
179	42.1	12.6	19.0#

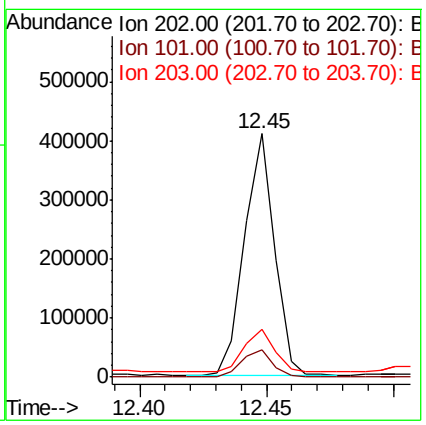


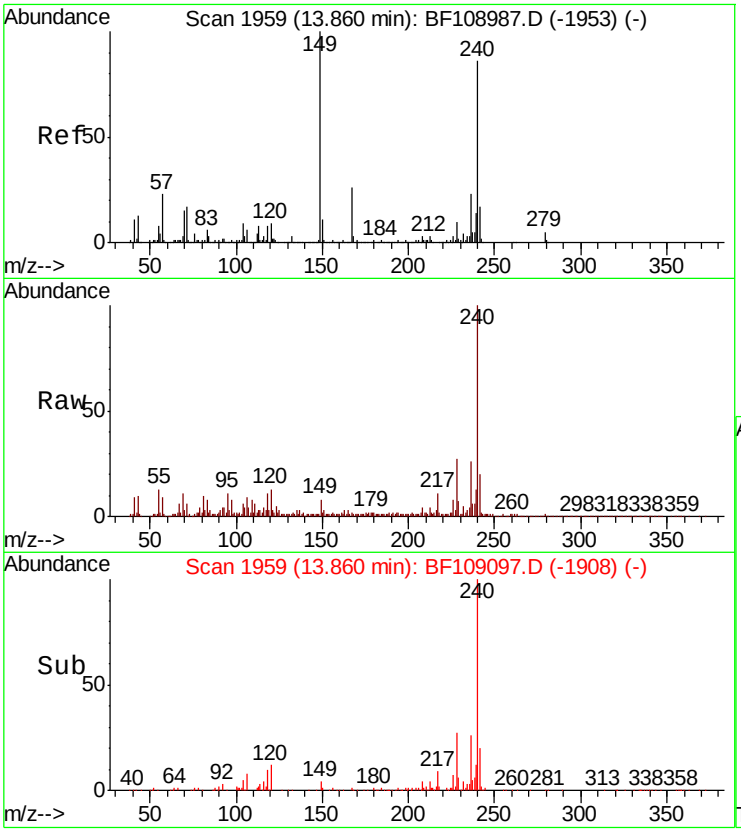


#74
Fluoranthene
Concen: 19.775 ng
RT: 12.45 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:202 Resp: 336125

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	19.5	0.0	38.1



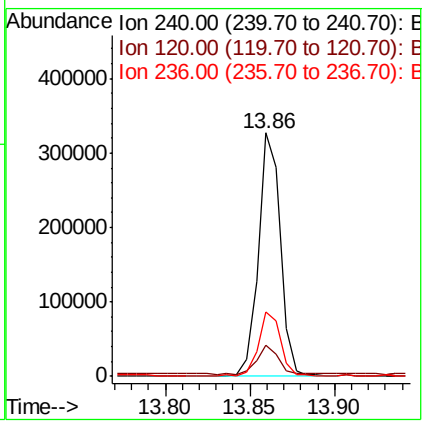


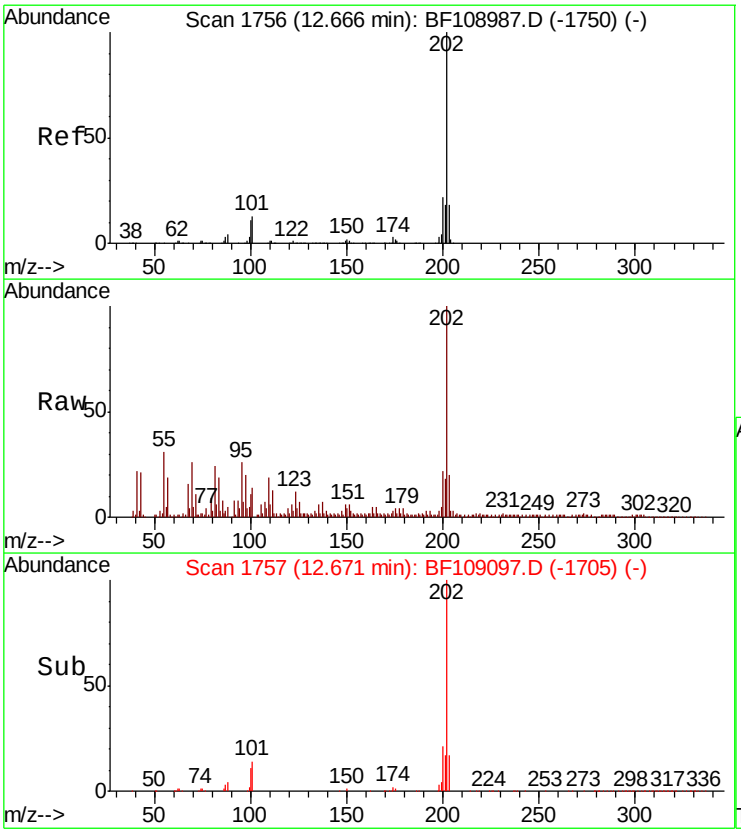
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 292913

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.4	20.7	31.1

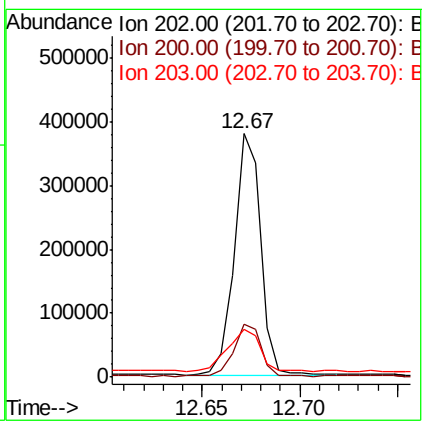


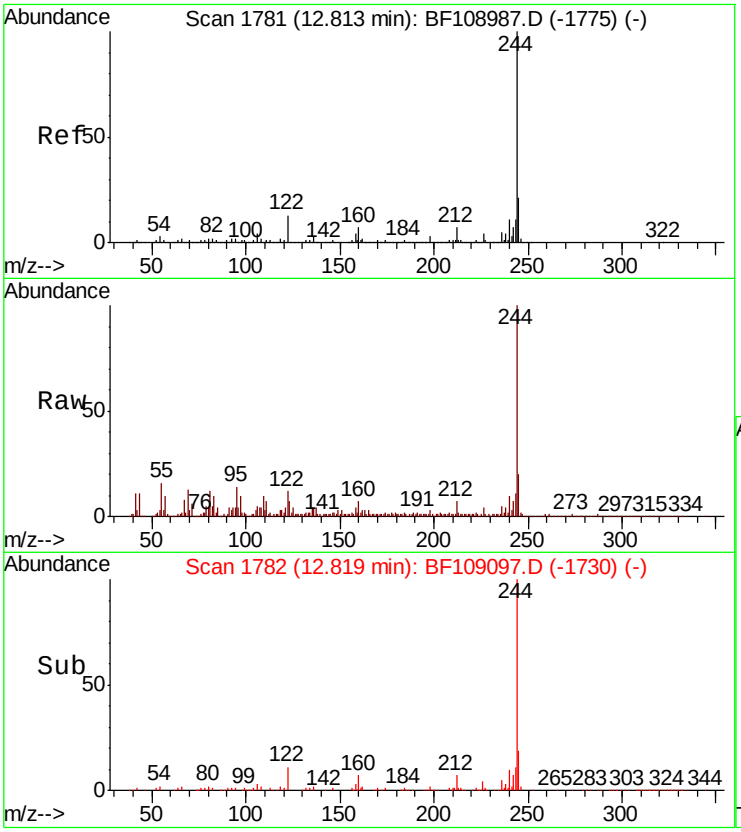


#77
Pyrene
Concen: 16.119 ng
RT: 12.67 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:202 Resp: 350701

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.8	14.3	21.5



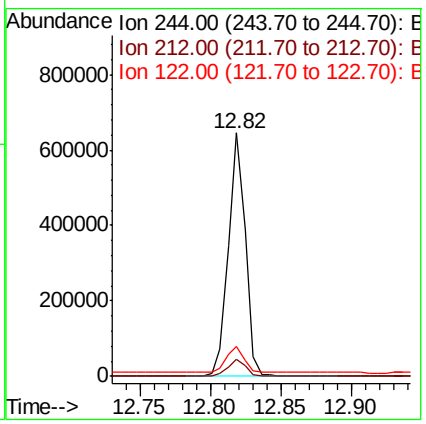


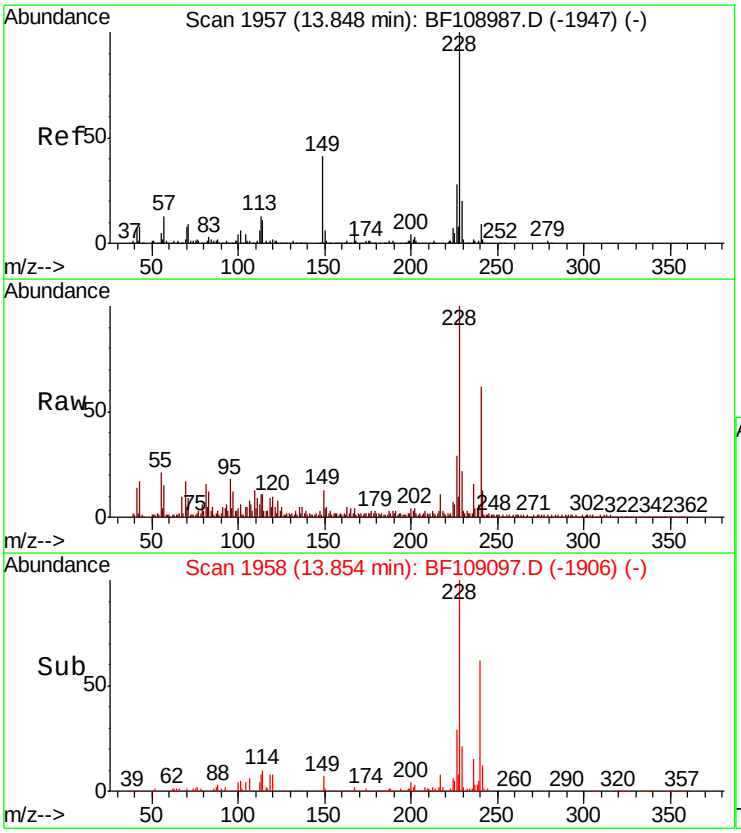
#78
Terphenyl-d14
Concen: 43.133 ng
RT: 12.82 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 533034

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4

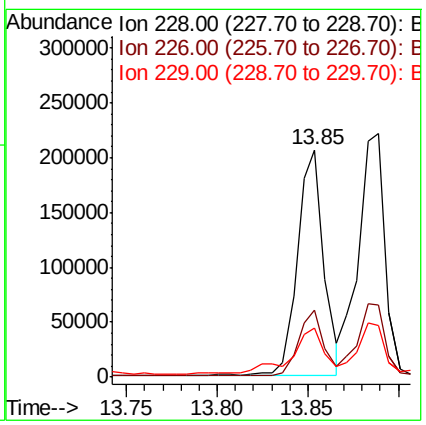


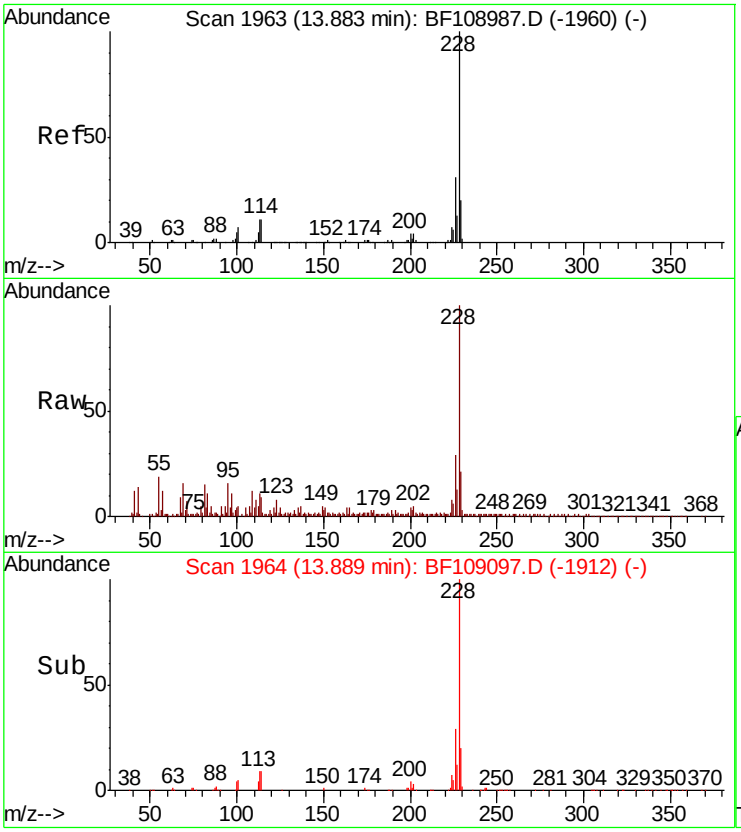


#80
Benzo(a)anthracene
Concen: 11.947 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:228 Resp: 211873

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.8	15.8	23.6



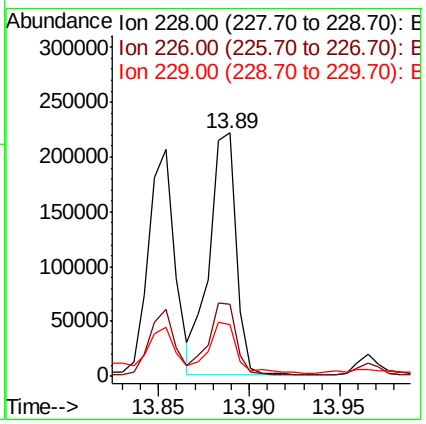


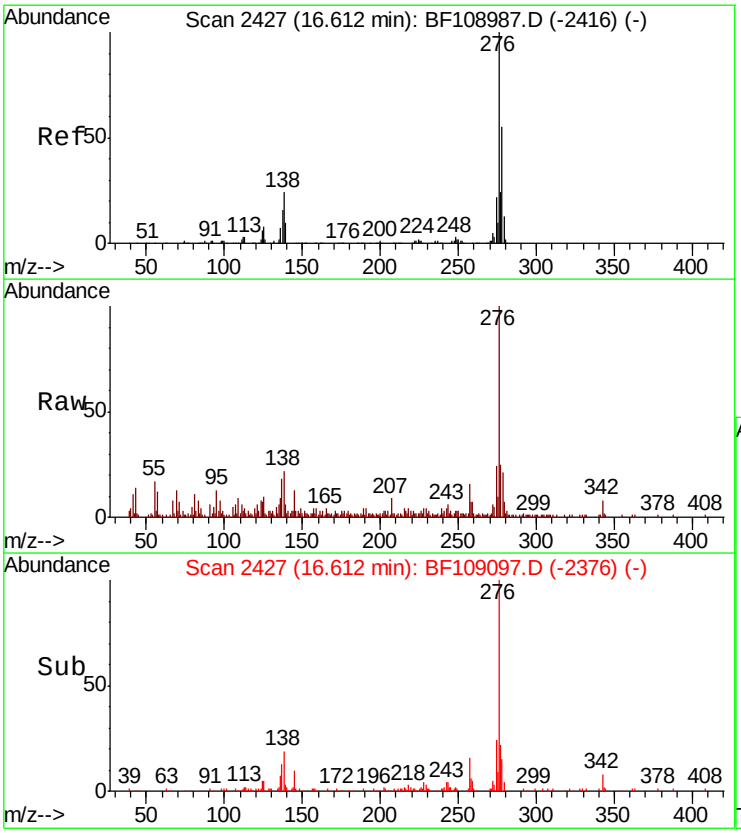
#82
Chrysene
Concen: 12.848 ng
RT: 13.89 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 227962

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	21.3	16.2	24.4

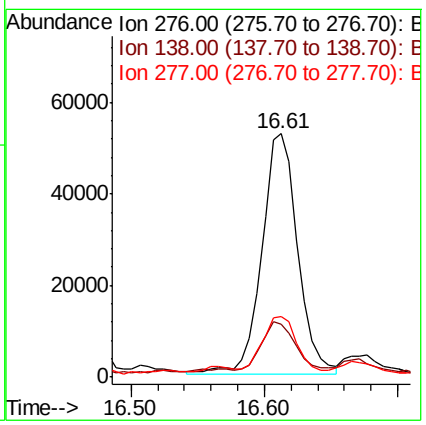


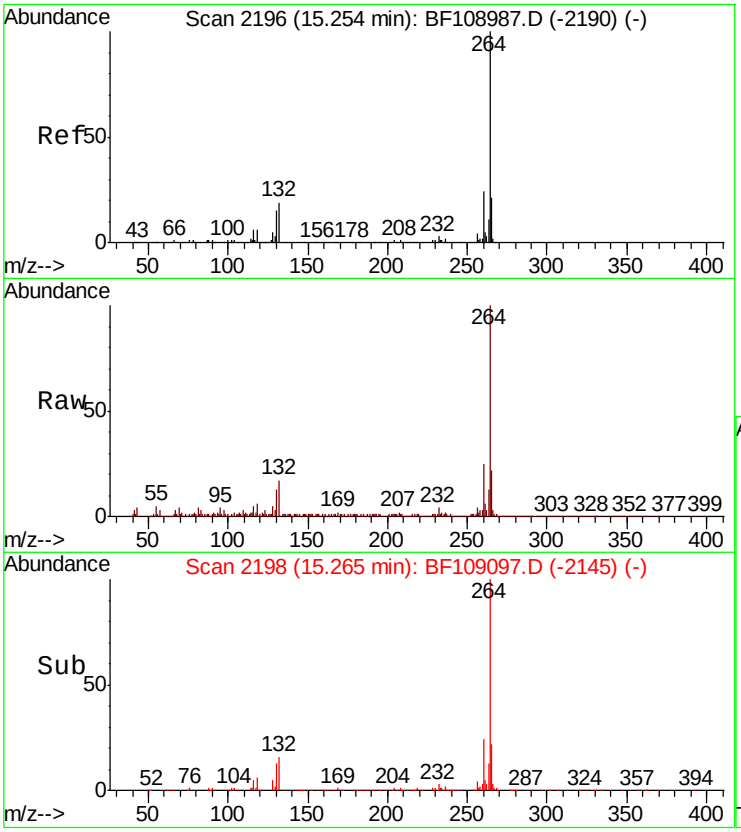


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.919 ng
RT: 16.61 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:276 Resp: 98147

Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.0	37.6#
277	23.8	20.1	30.1



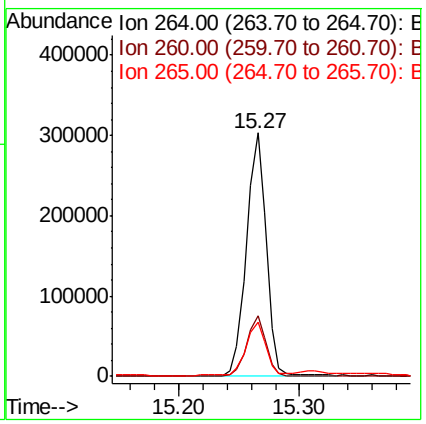


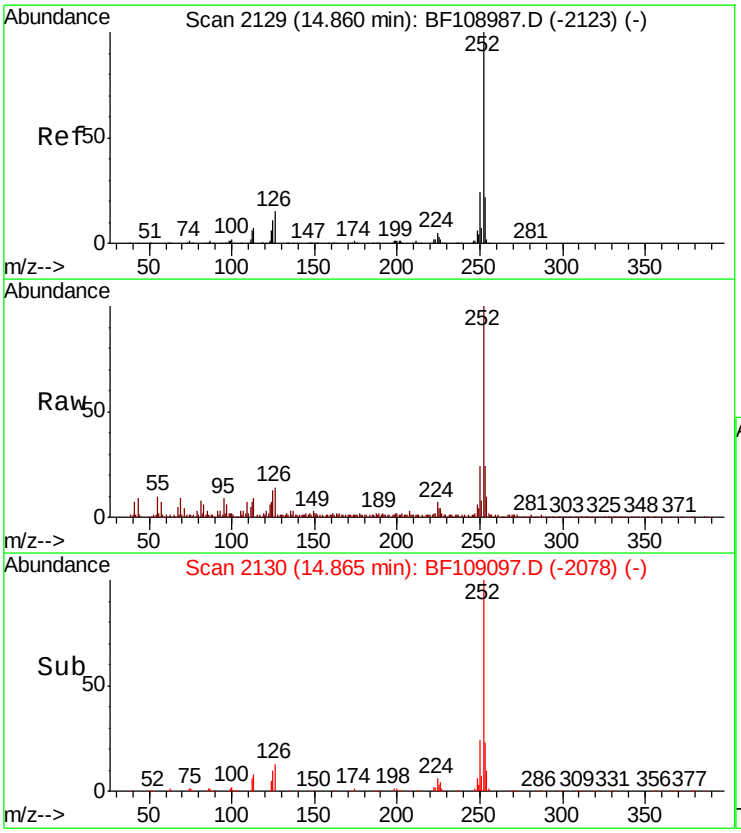
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 348593

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.5	26.3

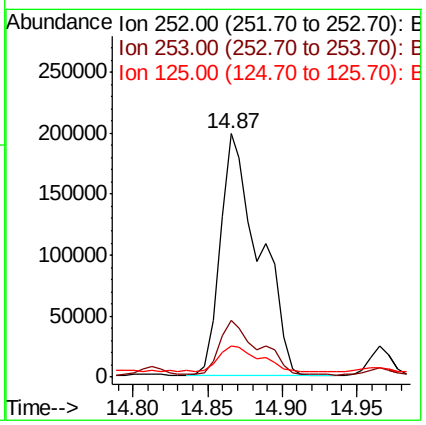


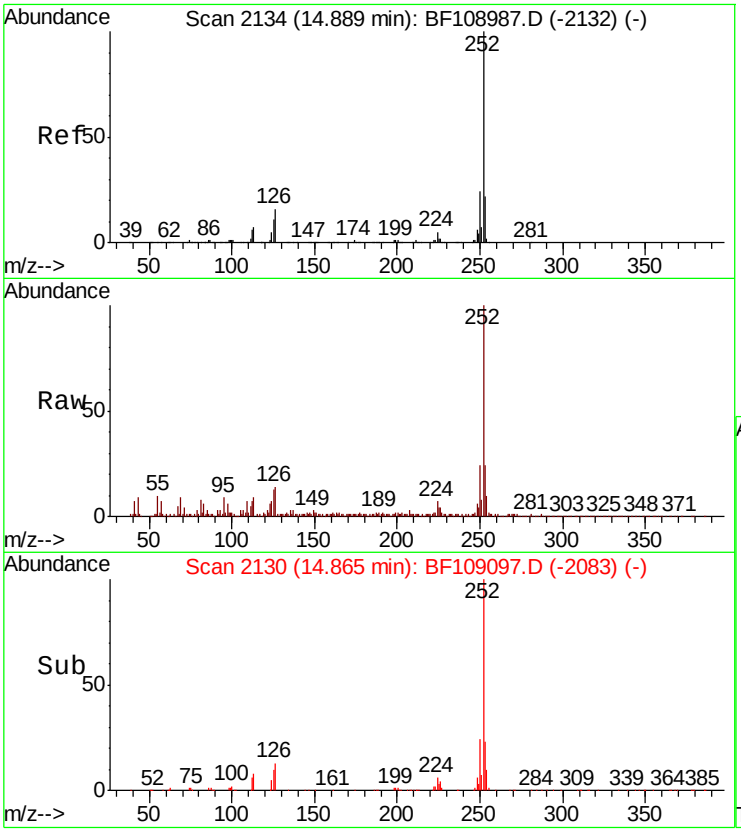


#87
Benzo(b)fluoranthene
Concen: 18.686 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:252 Resp: 360358

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	12.9	9.0	13.6



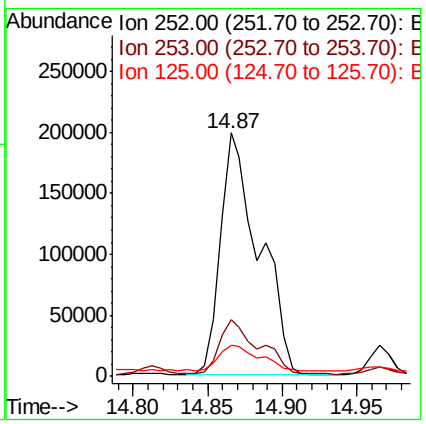


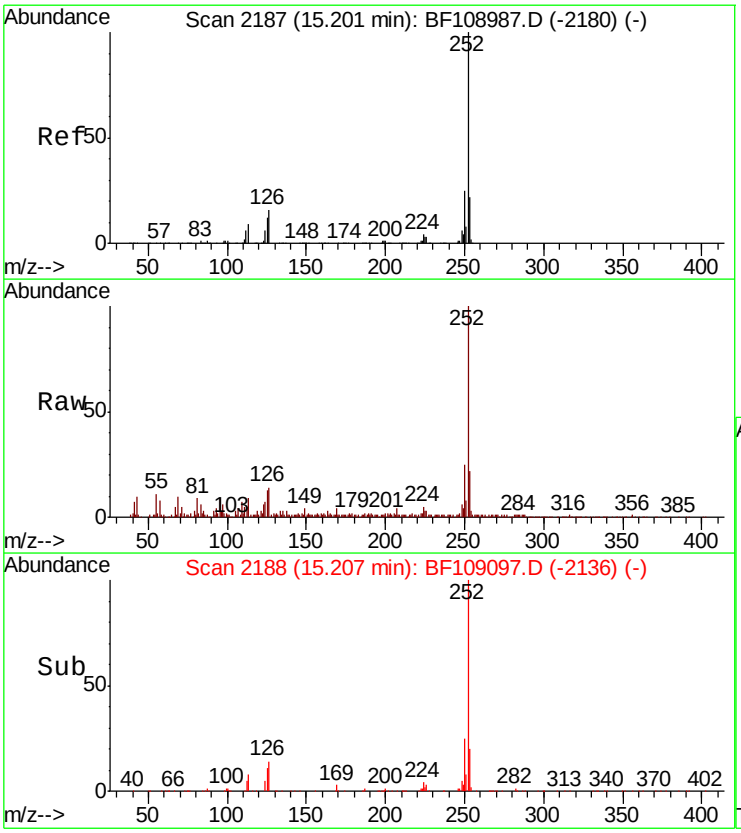
#88
Benzo(k)fluoranthene
Concen: 20.006 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 360358

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	12.9	10.2	15.2

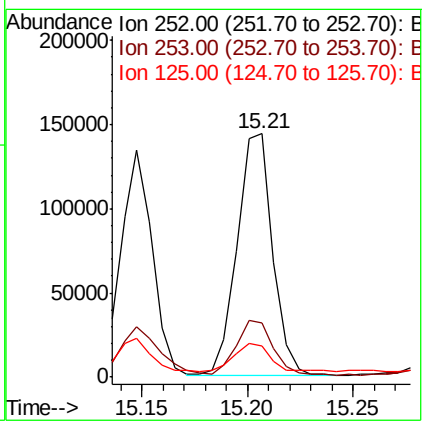


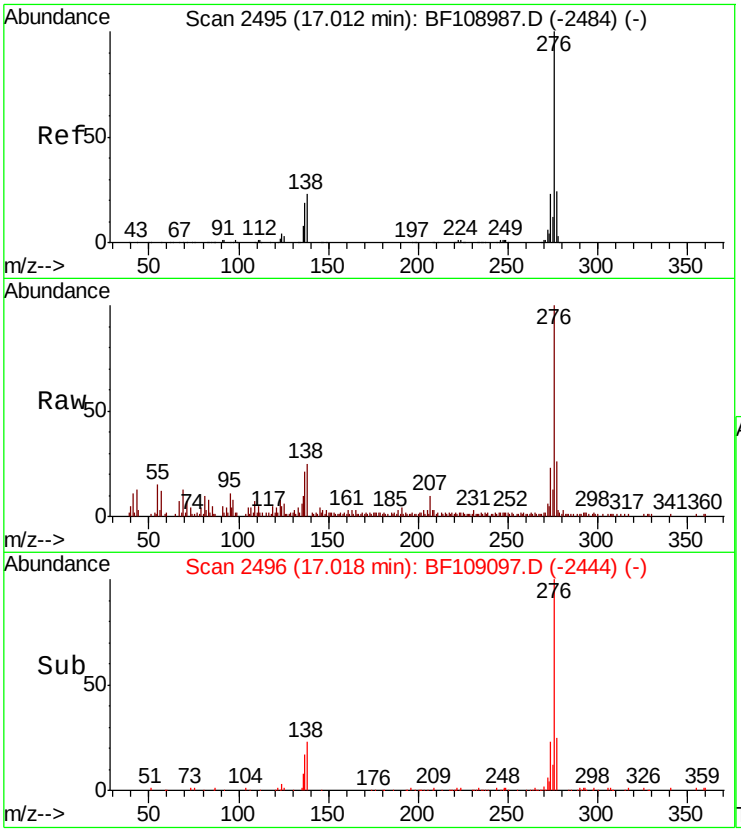


#89
Benzo(a)pyrene
Concen: 9.753 ng
RT: 15.21 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Tgt Ion:252 Resp: 167032

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.786 ng
RT: 17.02 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BF109097.D
Acq: 18 Sep 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 83237

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	25.2	21.8	32.8