Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109135.D
Acq On : 19 Sep 2018 9:37
Operator : JU/SJ
Sample : J4959-01DL 2X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 11:41:57 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	132960	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	466238	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	182889	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	329716	20.00	ng		0.00
75) Chrysene-d12	13.85	240	381646	20.00	ng		0.00
86) Perylene-d12	15.26	264	342625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	262689	32.81	ng		0.00
7) Phenol-d6	6.35	99	325454	31.53	ng		-0.01
23) Nitrobenzene-d5	7.28	82	191617	23.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	63866	32.18	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	329728	28.25	ng		0.00
78) Terphenyl-d14	12.81	244	331157	20.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	24332	3.566	ng	#	79
25) Isophorone	7.28	82	191615	13.410	ng	#	64
31) Naphthalene	8.02	128	106368	4.915	ng		99
37) 2-Methylnaphthalene	8.71	142	33153	2.350	ng		99
49) Dimethylphthalate	9.47	163	41995	3.213	ng		100
50) 2,6-Dinitrotoluene	9.75	165	24967	8.613	ng	#	26
51) Acenaphthene	9.78	154	67760	6.159	ng		98
54) Dibenzofuran	9.95	168	116714	7.341	ng		99
55) 4-Nitrophenol	9.95	139	42957	17.081	ng	#	10
57) Fluorene	10.30	166	128203	12.101	ng		98
70) Phenanthrene	11.25	178	993550	61.472	ng		99
71) Anthracene	11.30	178	486454	29.691	ng		100
72) Carbazole	11.45	167	158688	9.784	ng		99
74) Fluoranthene	12.44	202	952563	55.826	ng		98
77) Pyrene	12.67	202	853159	30.096	ng		100
80) Benzo(a)anthracene	13.85	228	427623	18.507	ng		99
82) Chrysene	13.88	228	389060	16.830	ng		98
87) Benzo(b)fluoranthene	14.87	252	488765	25.786	ng		97
88) Benzo(k)fluoranthene	14.87	252	488765	27.608	ng		98
89) Benzo(a)pyrene	15.20	252	269593	16.016	ng		97
91) Benzo(g,h,i)perylene	17.01	276	105866	7.488	ng		94

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

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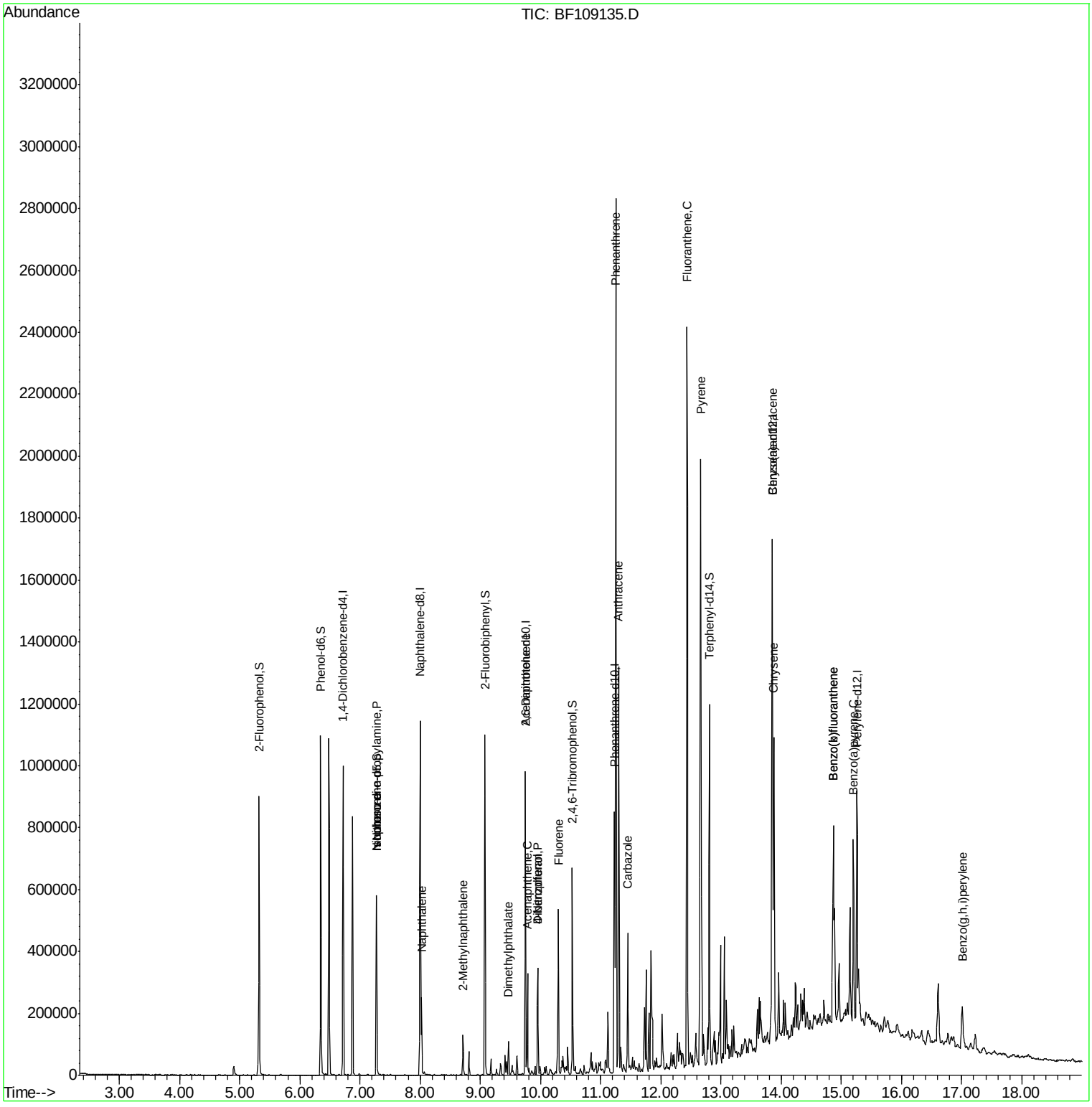
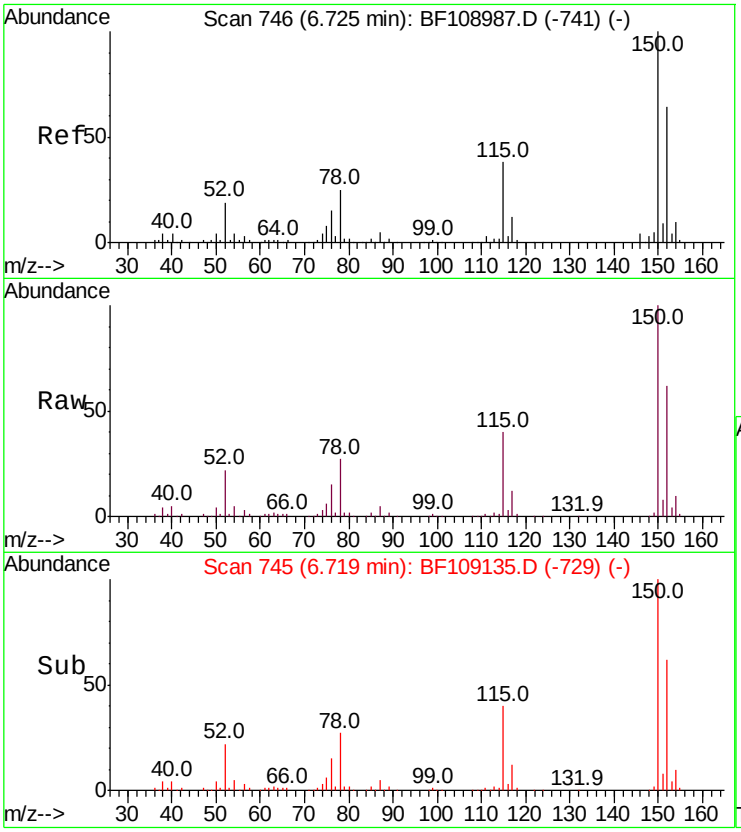


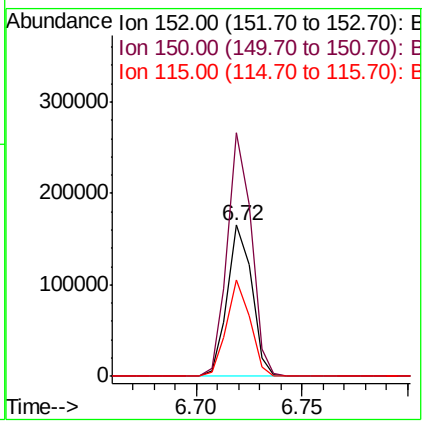


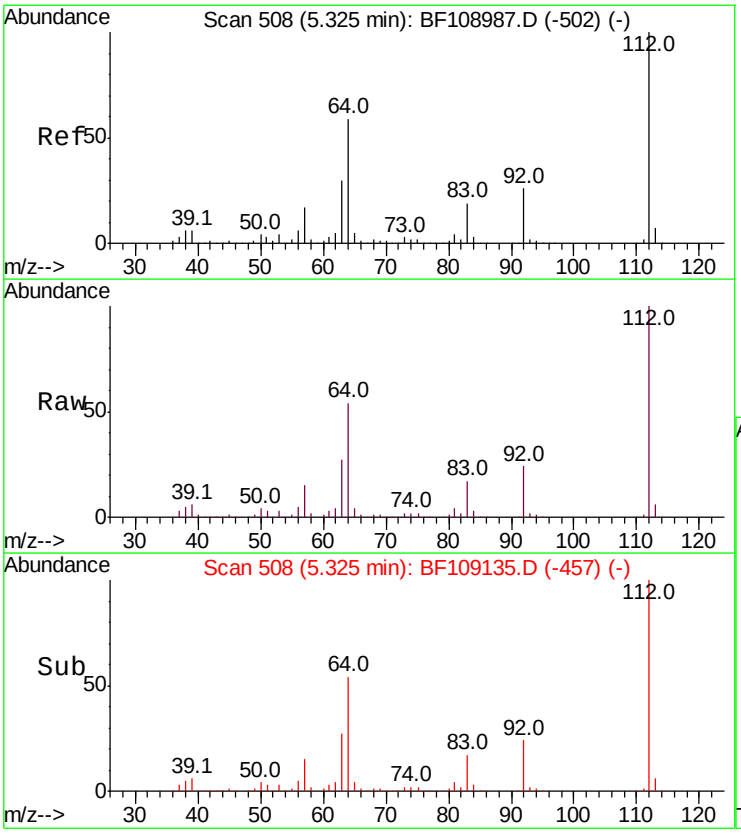
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132960

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	63.8	50.1	75.1

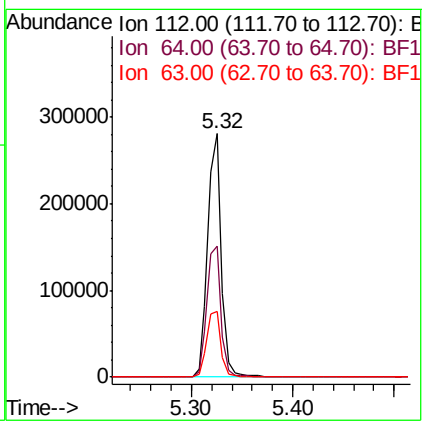


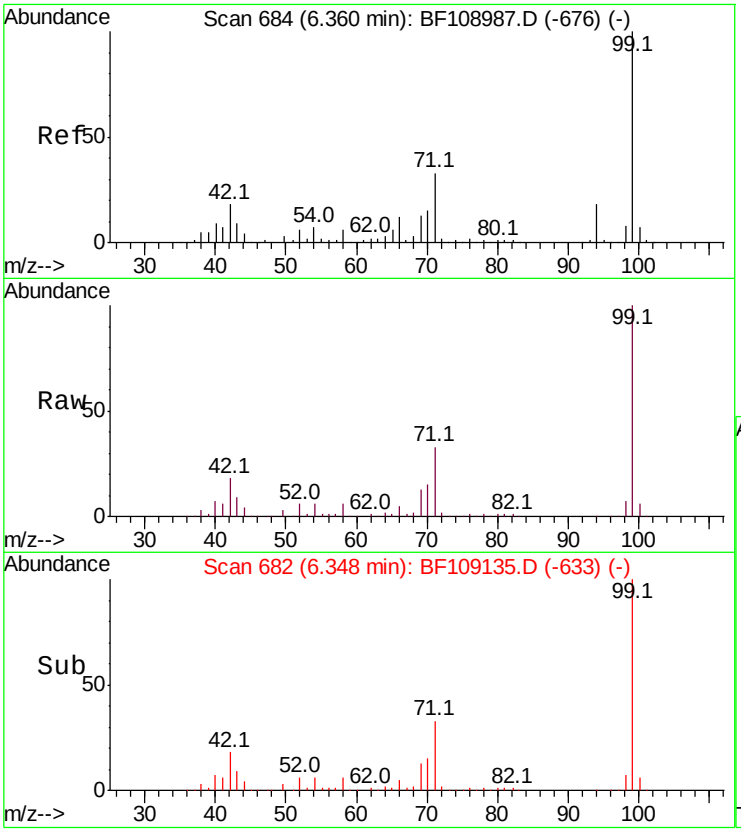


#5
2-Fluorophenol
Concen: 32.814 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:112 Resp: 262689

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.0	23.7	35.5



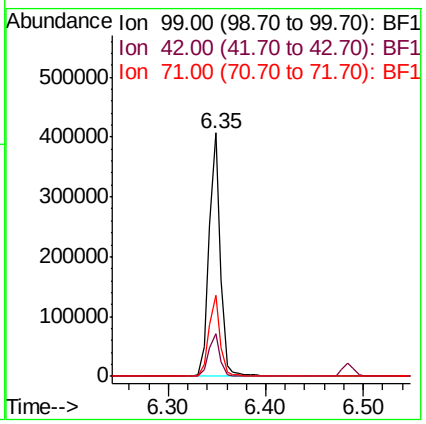


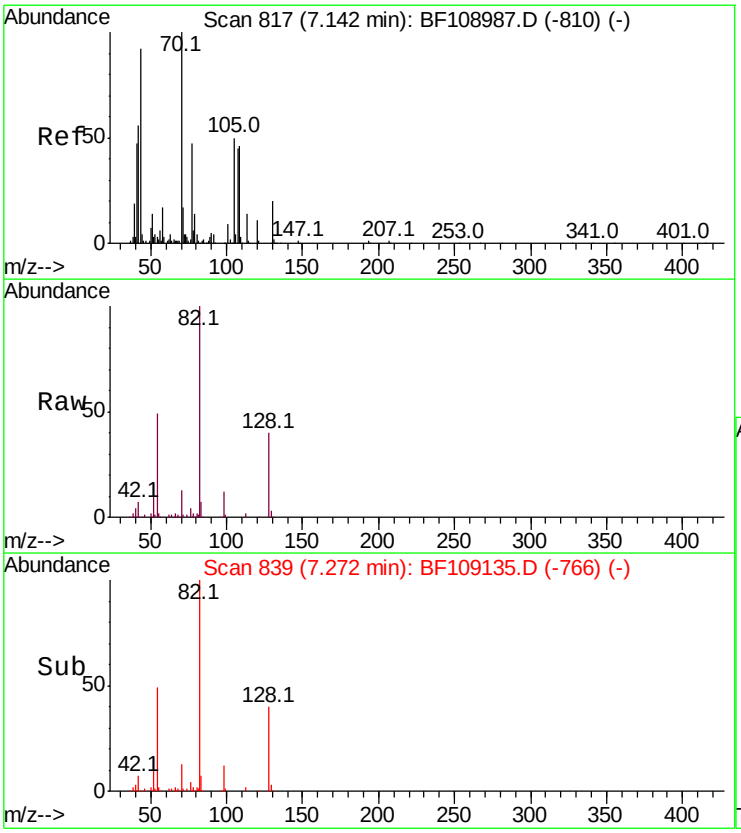
#7
Phenol-d6
Concen: 31.528 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 325454

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	33.0	25.4	38.0

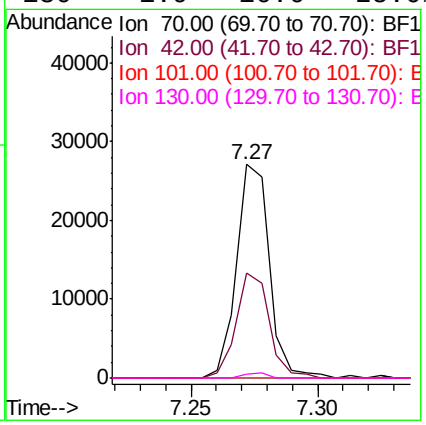


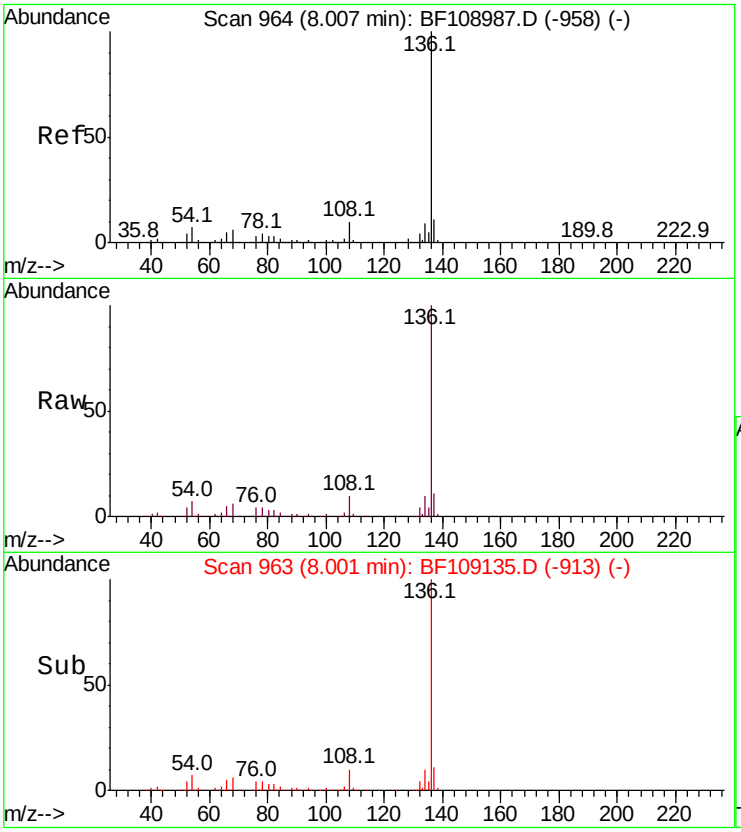


#19
n-Nitroso-di-n-propylamine
Concen: 3.566 ng
RT: 7.27 min Scan# 839
Delta R.T. 0.13 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion: 70 Resp: 24332

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

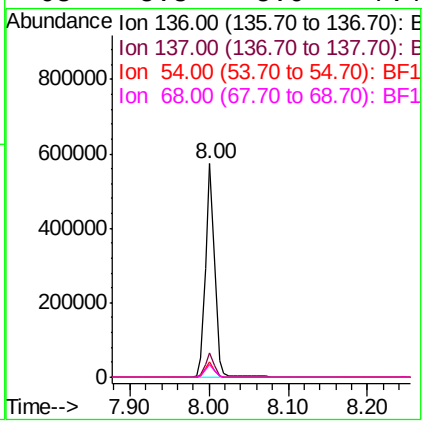




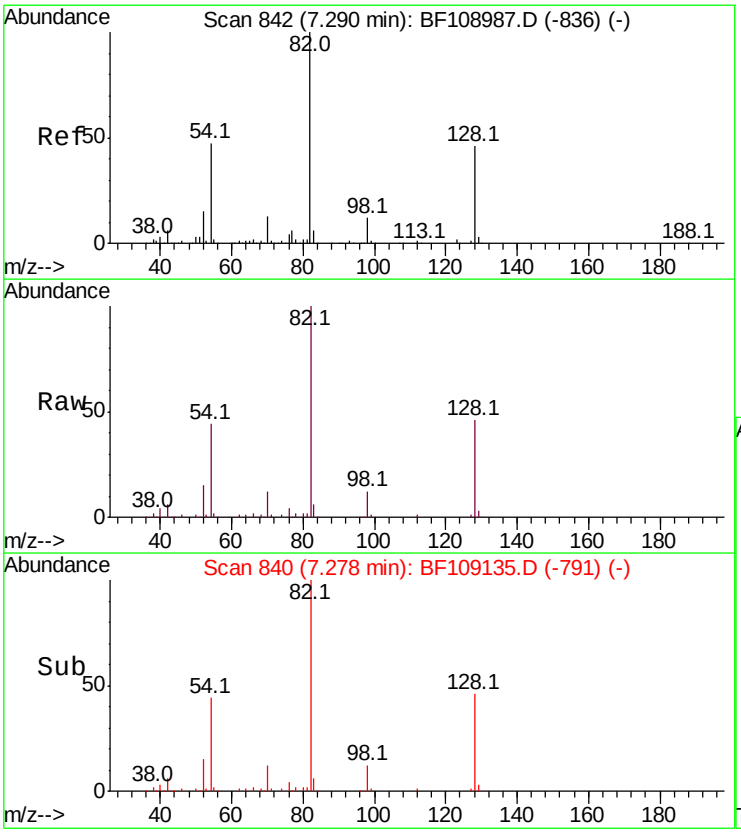
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:136 Resp: 466238

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4



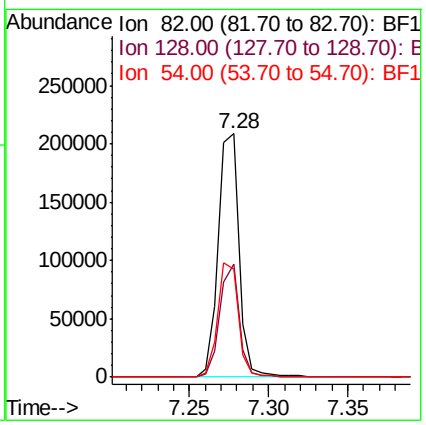
Instrument :
BNA_F
ClientSampleId :

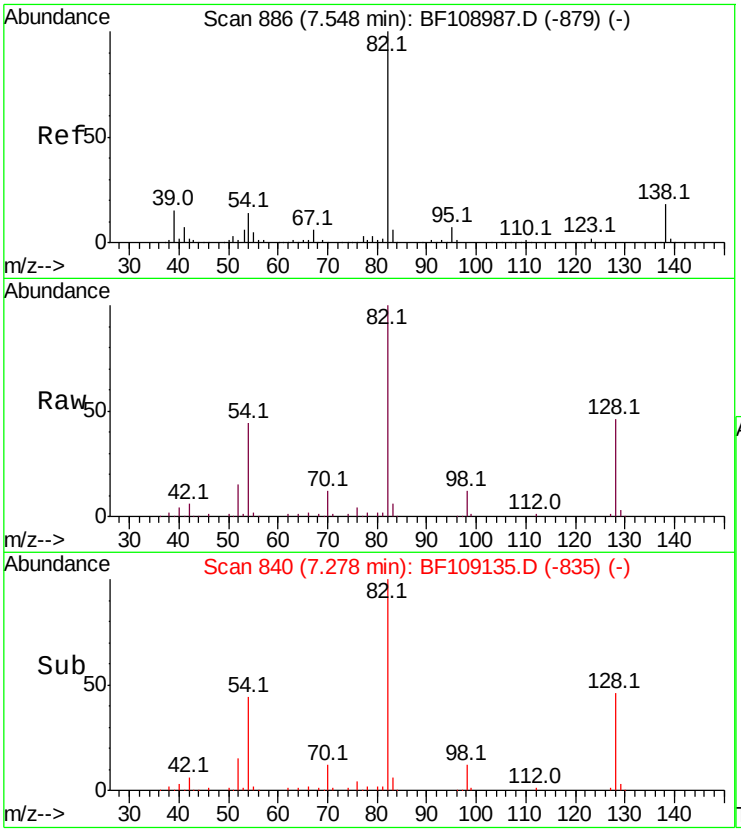


#23
Nitrobenzene-d5
Concen: 23.051 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion: 82 Resp: 191617

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	44.4	41.4	62.2



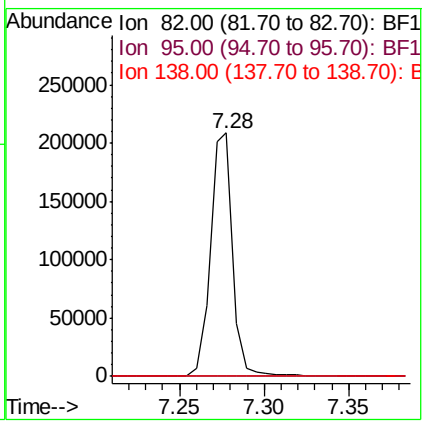


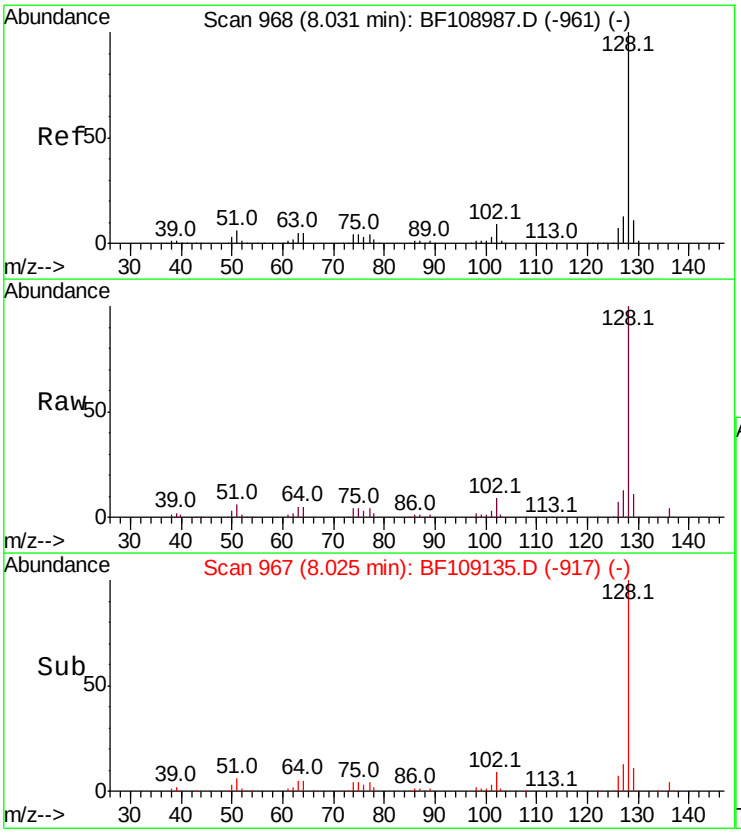
#25
Isophorone
Concen: 13.410 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 191615

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

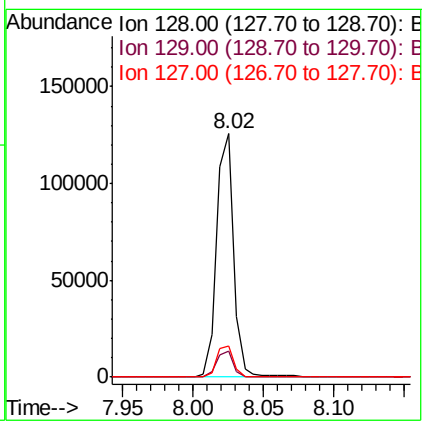


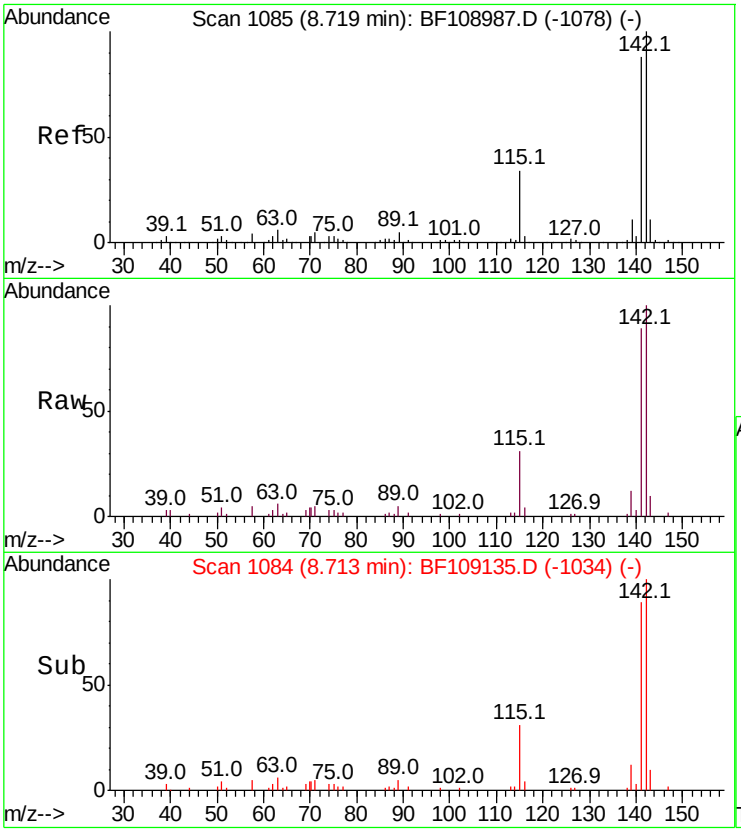


#31
Naphthalene
Concen: 4.915 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:128 Resp: 106368

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.9	16.3



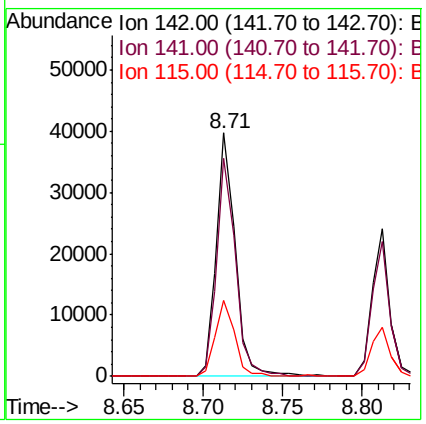


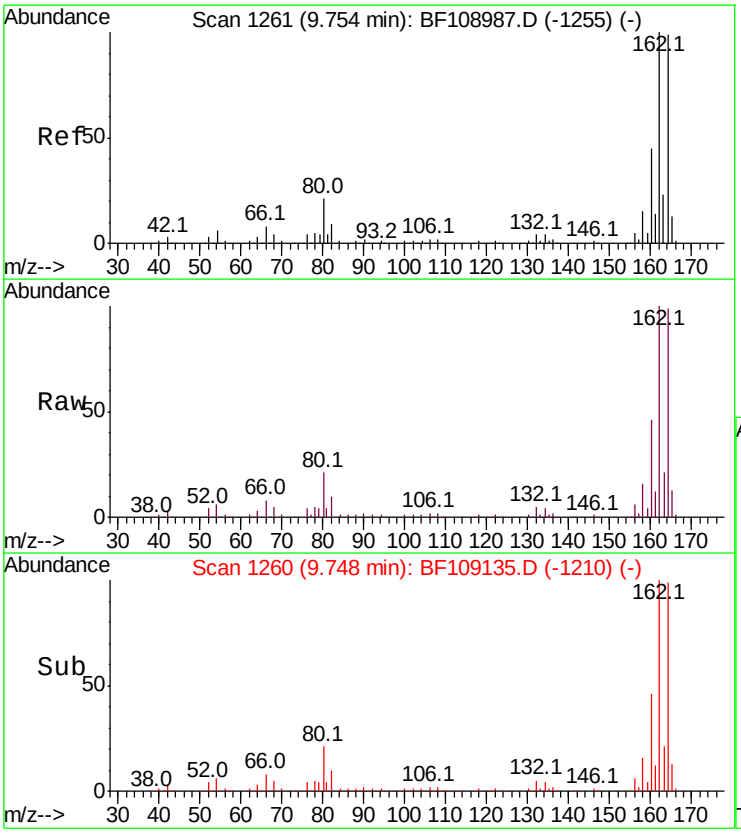
#37
2-Methylnaphthalene
Concen: 2.350 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 33153

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.4	26.1	39.1

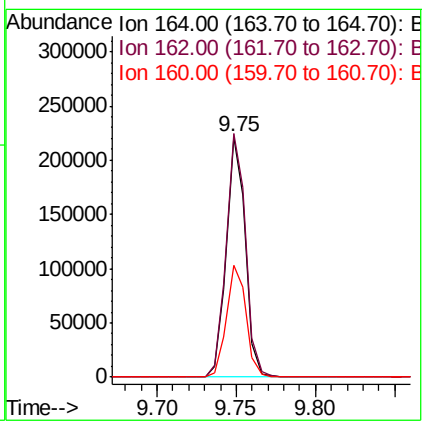


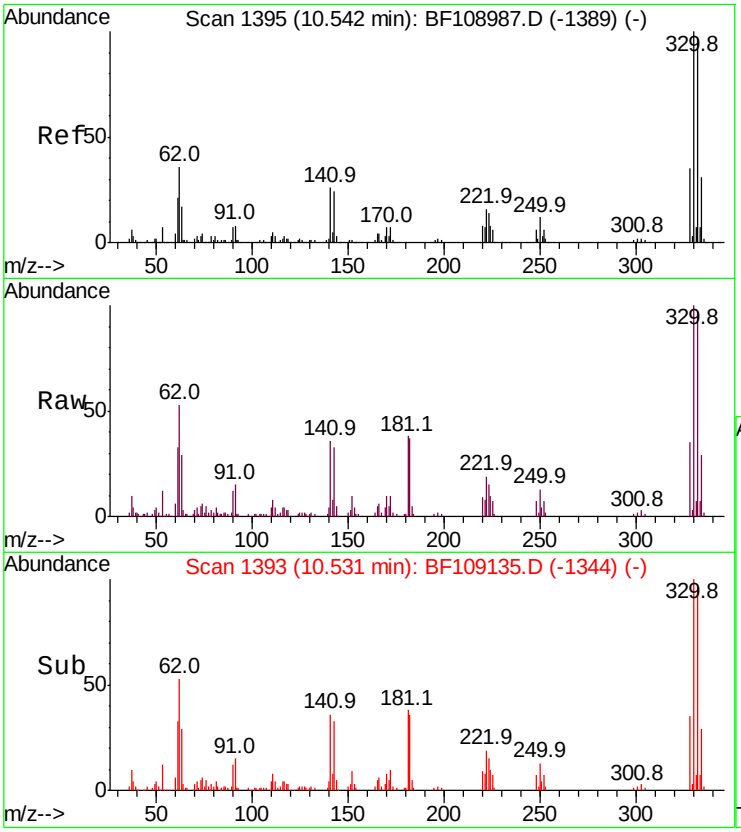


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:164 Resp: 182889

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.6	38.3	57.5



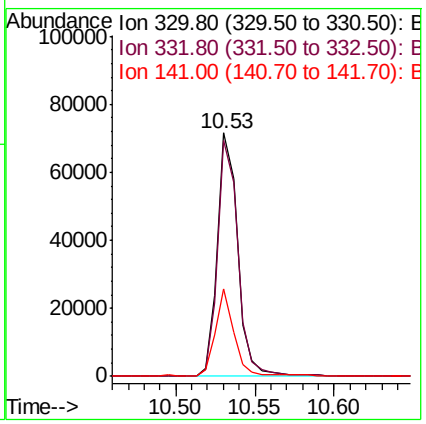


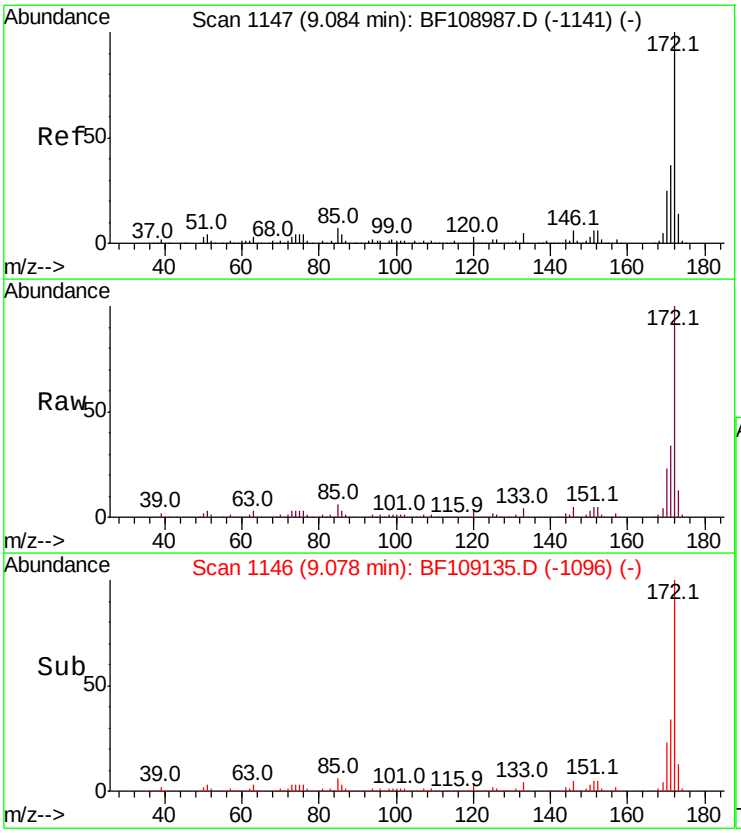
#41
2,4,6-Tribromophenol
Concen: 32.177 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 63866

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.4	29.9	44.9

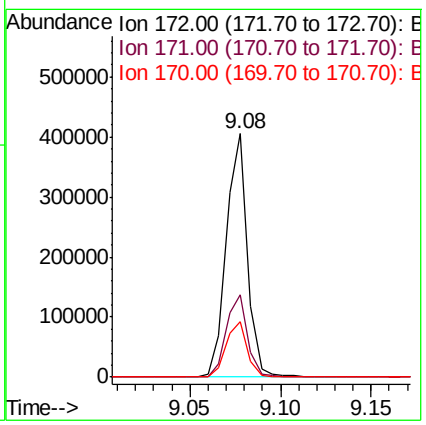


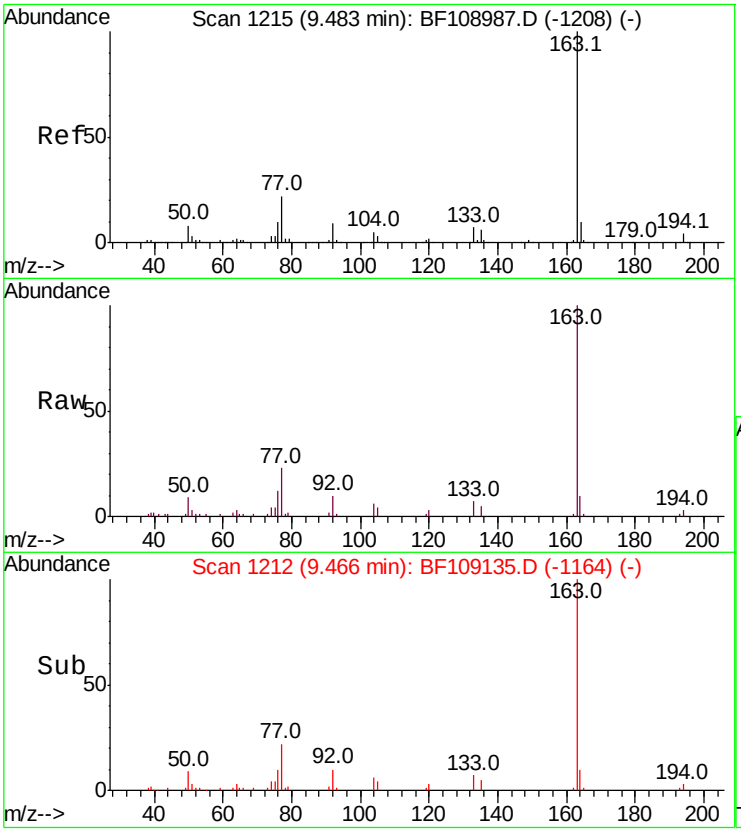


#44
2-Fluorobiphenyl
Concen: 28.246 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:172 Resp: 329728

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	22.9	19.6	29.4



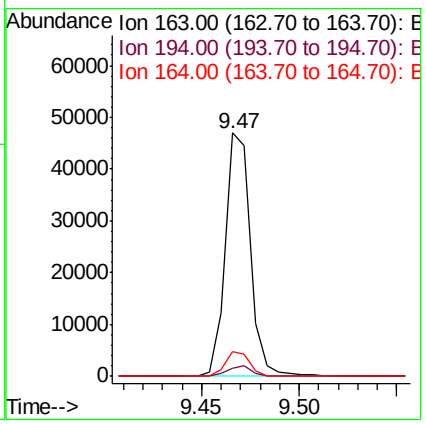


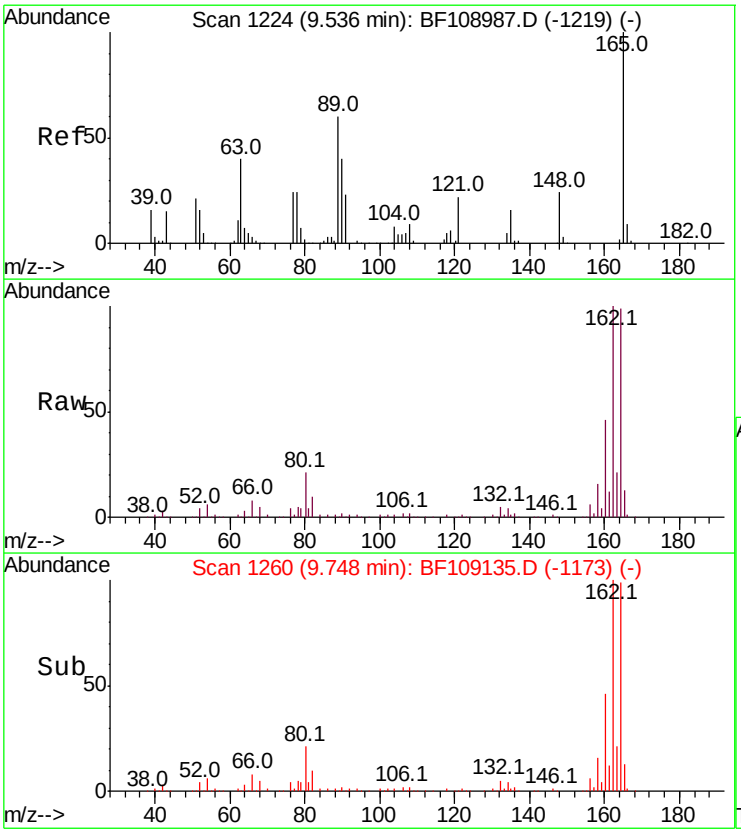
#49
Dimethylphthalate
Concen: 3.213 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 41995

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

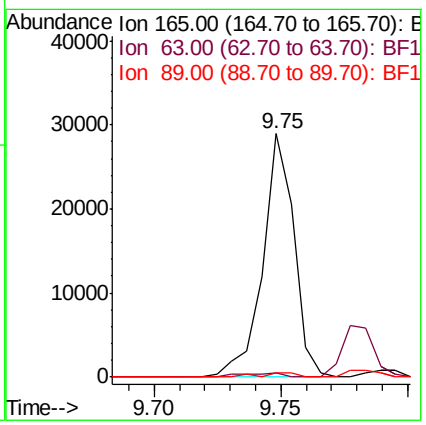


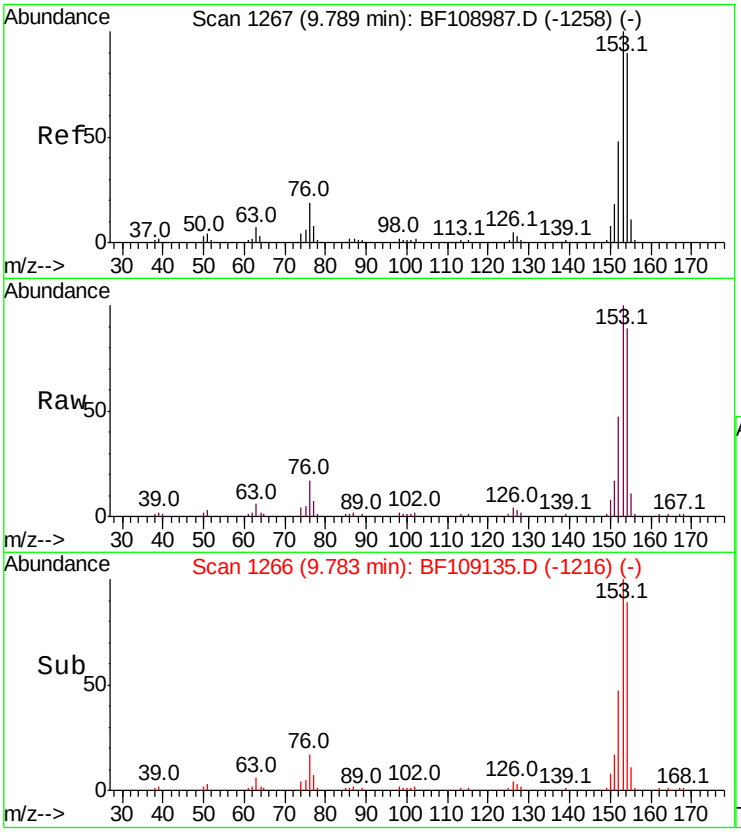


#50
2,6-Dinitrotoluene
Concen: 8.613 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:165 Resp: 24967

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.5	44.0	66.0#



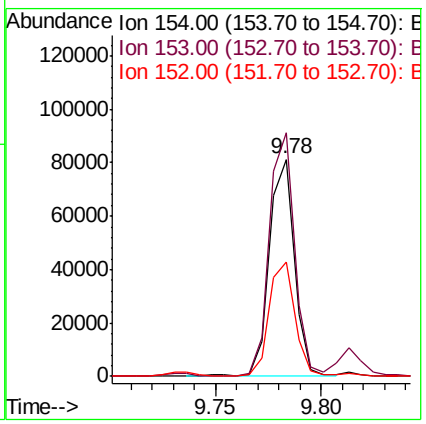


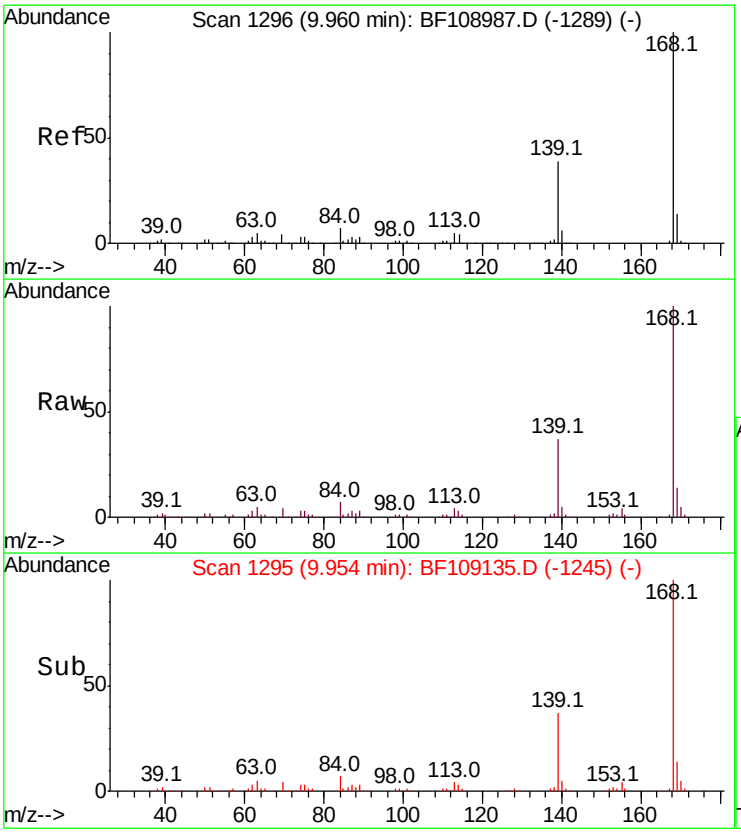
#51
Acenaphthene
Concen: 6.159 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 67760

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	52.8	43.8	65.8

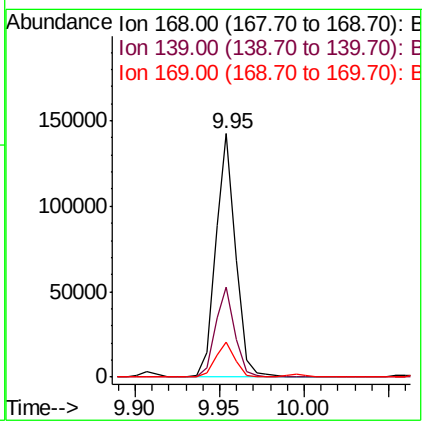


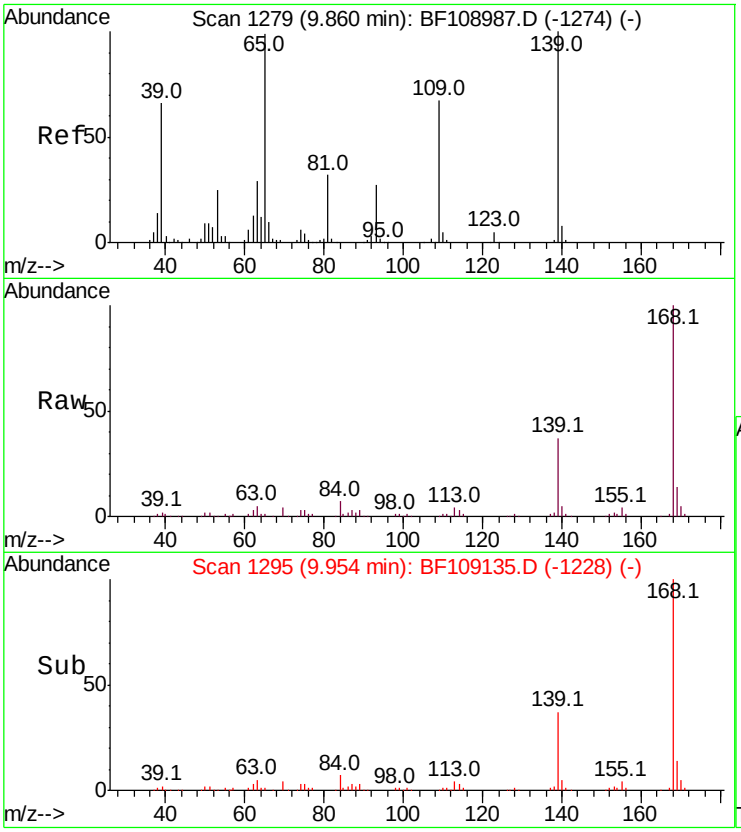


#54
Dibenzofuran
Concen: 7.341 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:168 Resp: 116714

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	14.5	10.9	16.3



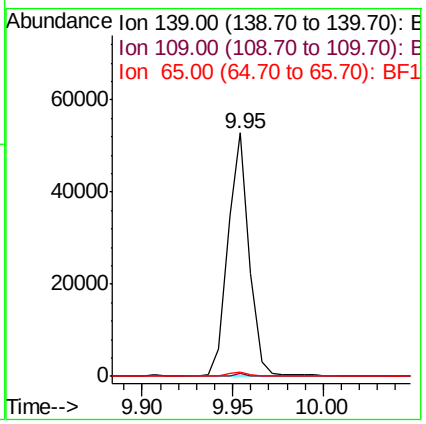


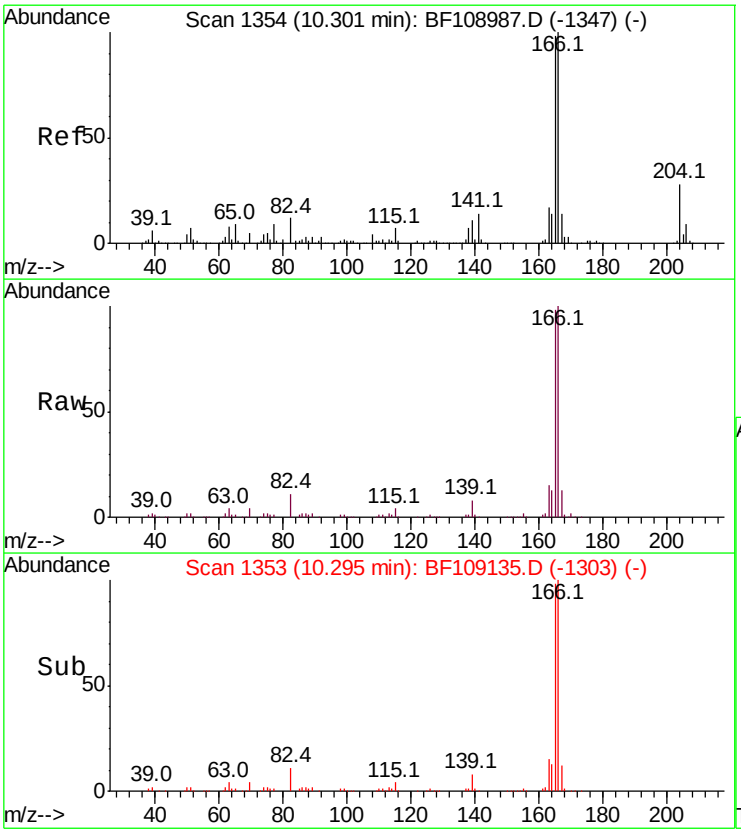
#55
4-Nitrophenol
Concen: 17.081 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.09 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 42957

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.5	72.6	112.6#

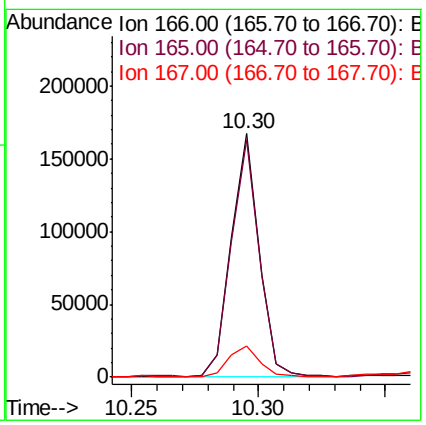


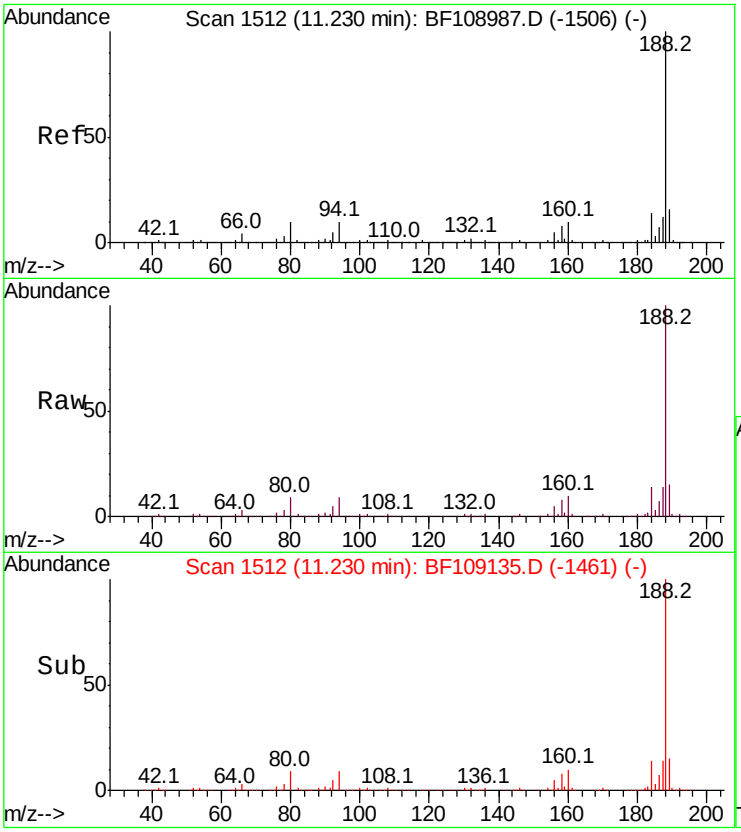


#57
Fluorene
Concen: 12.101 ng
RT: 10.30 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:166 Resp: 128203

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	12.7	10.6	16.0



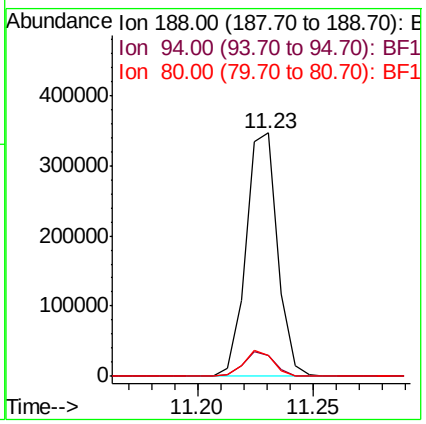


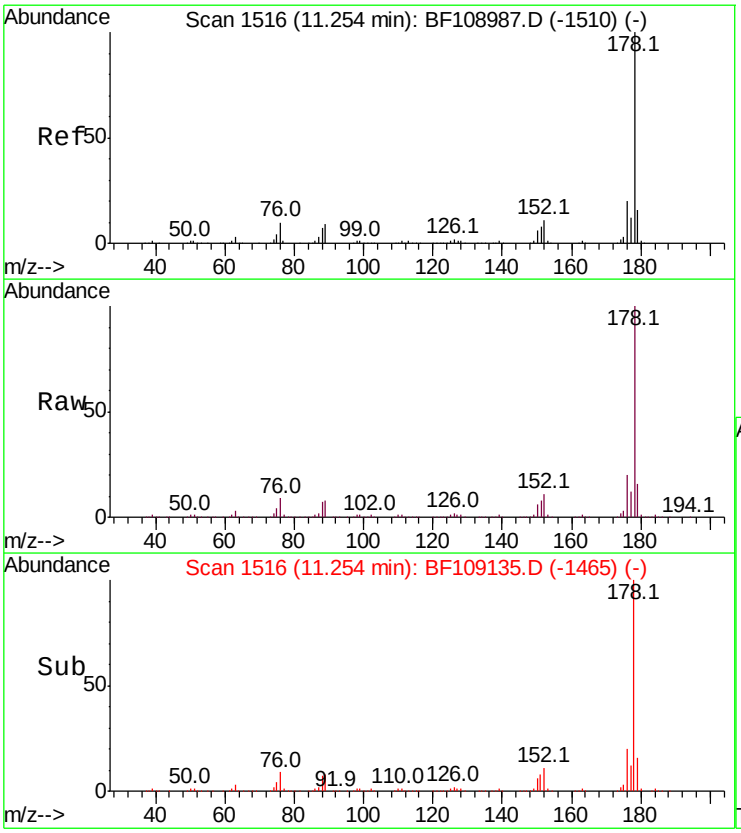
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 329716

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	9.2	13.8#

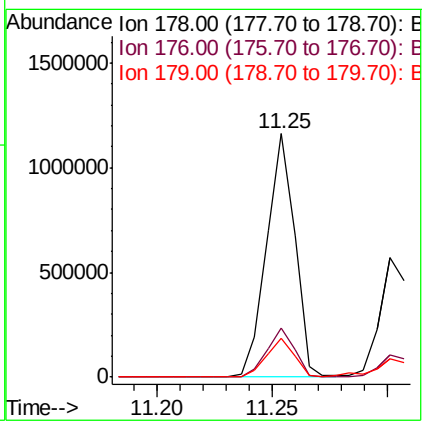


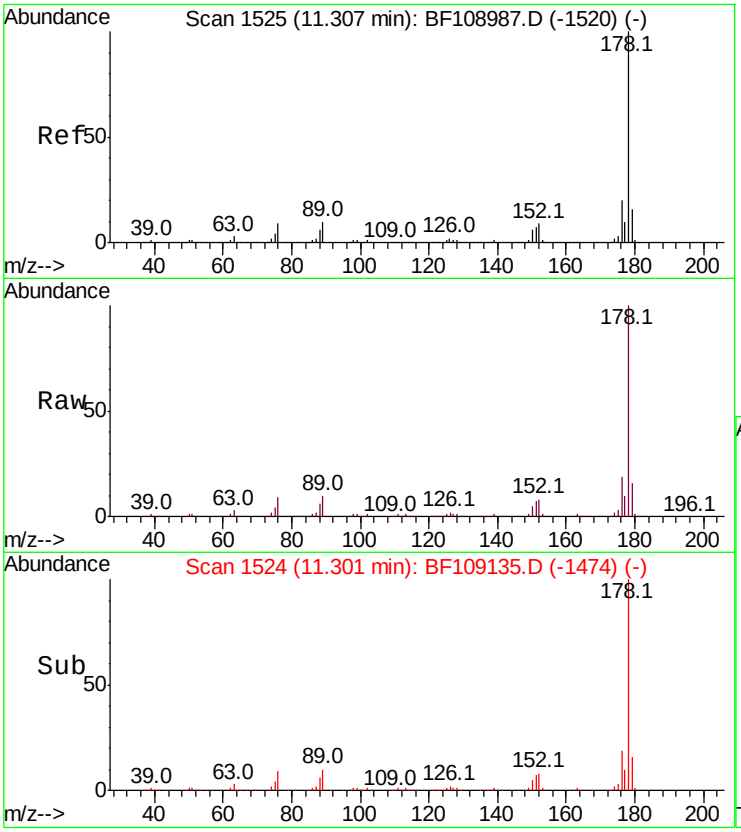


#70
Phenanthrene
Concen: 61.472 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:178 Resp: 993550

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6



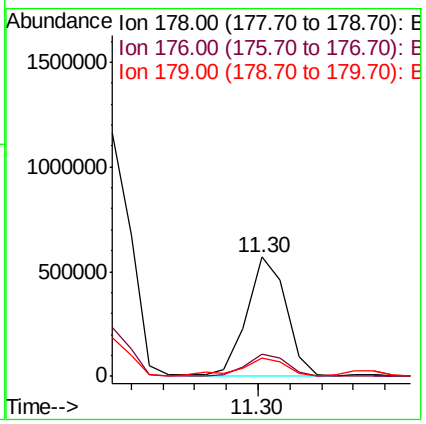


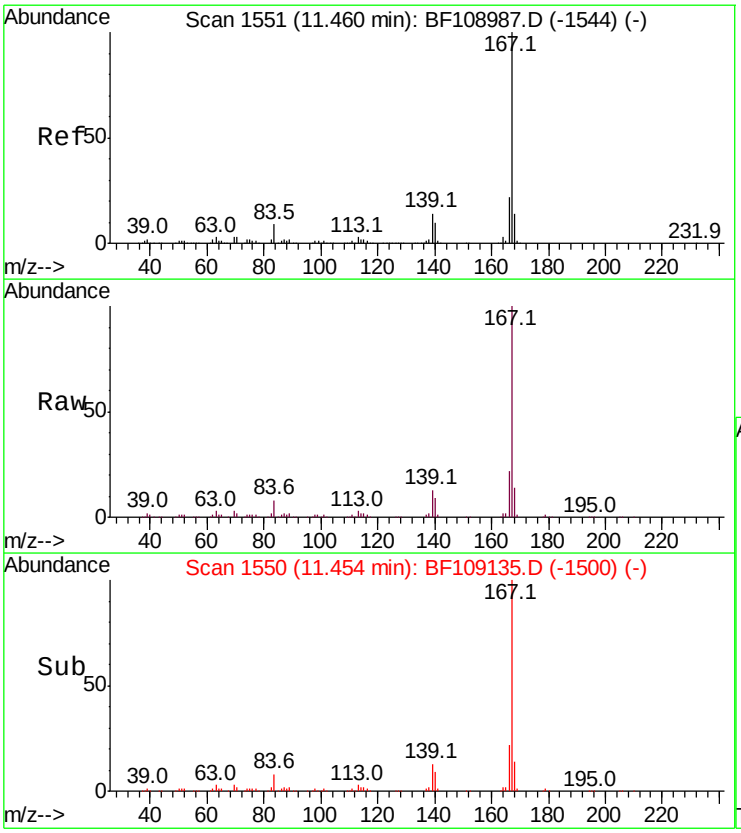
#71
Anthracene
Concen: 29.691 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 486454

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	19.0

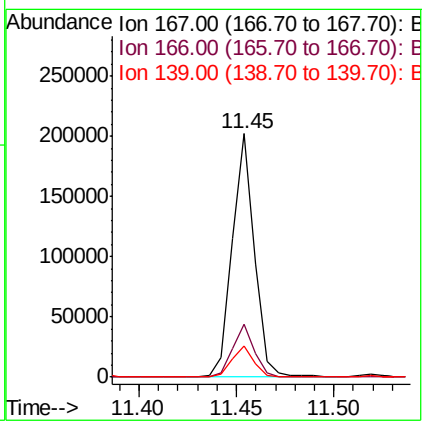


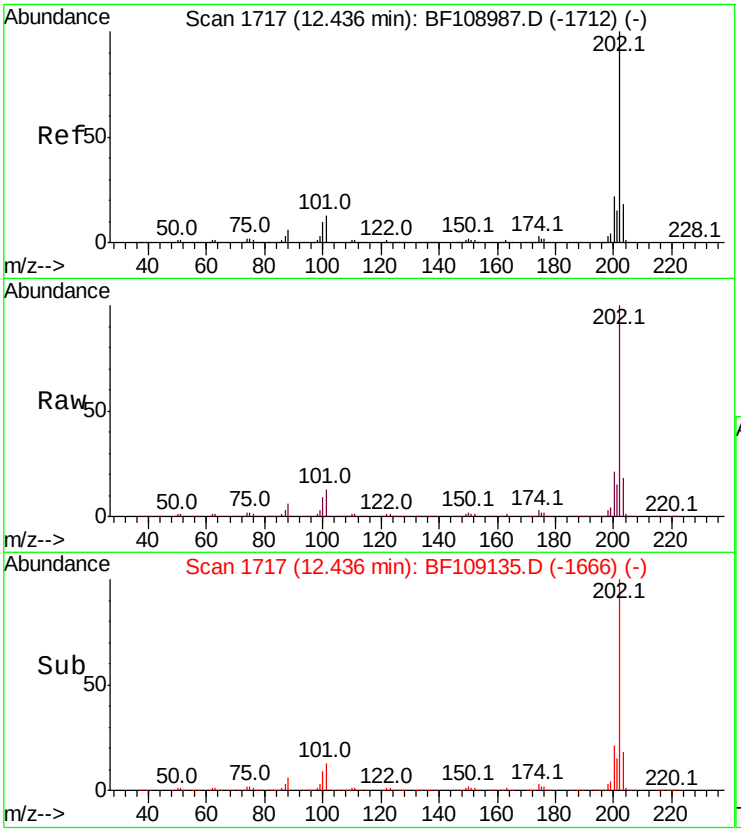


#72
Carbazole
Concen: 9.784 ng
RT: 11.45 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:167 Resp: 158688

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.6	10.9	16.3



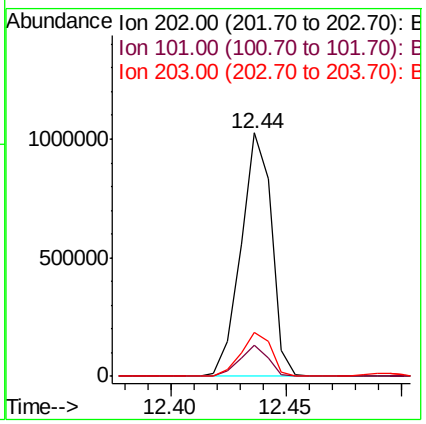


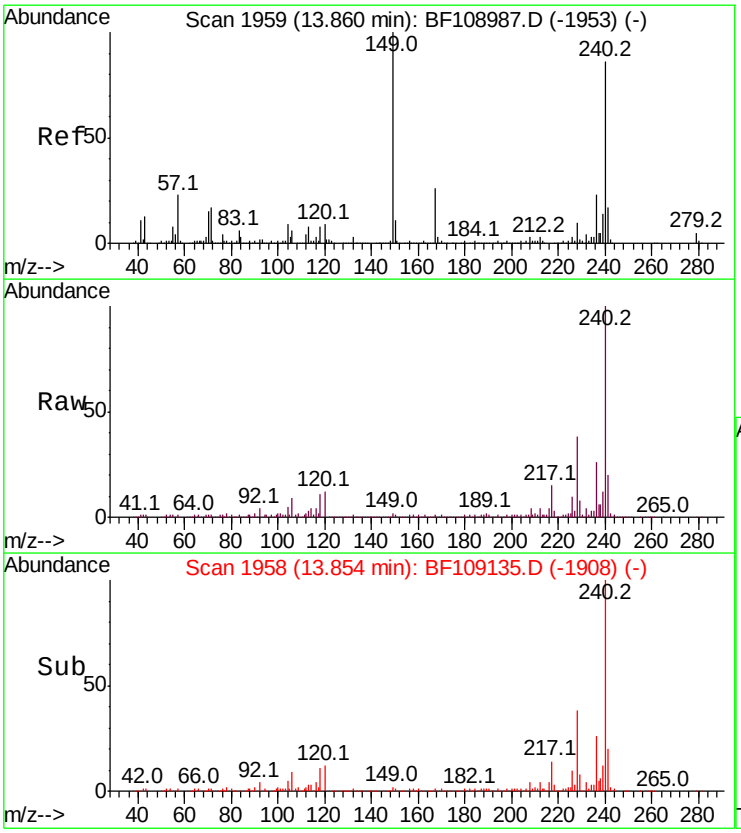
#74
Fluoranthene
Concen: 55.826 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 952563

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.1	0.0	38.1

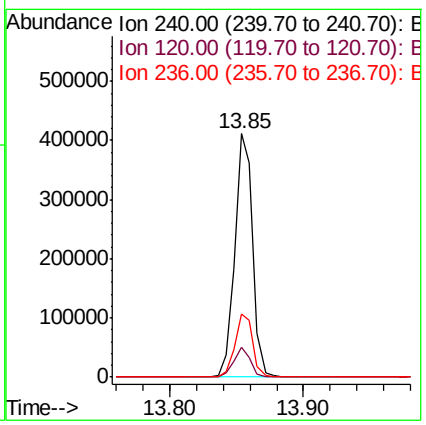


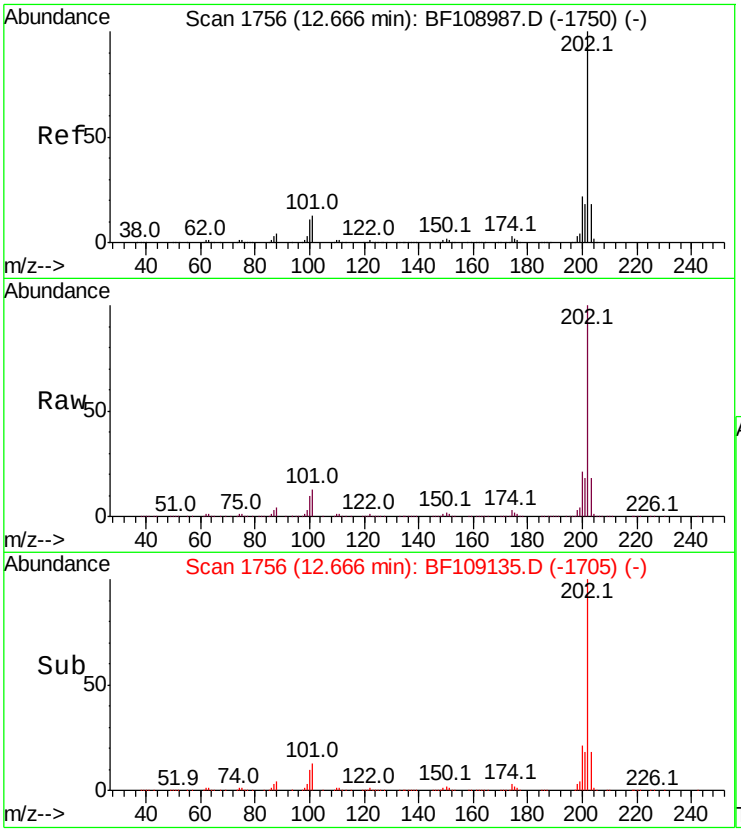


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:240 Resp: 381646

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.8	20.7	31.1



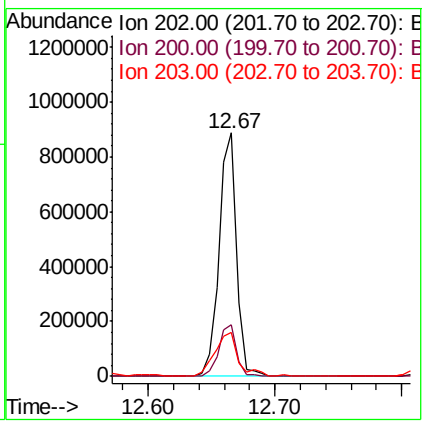


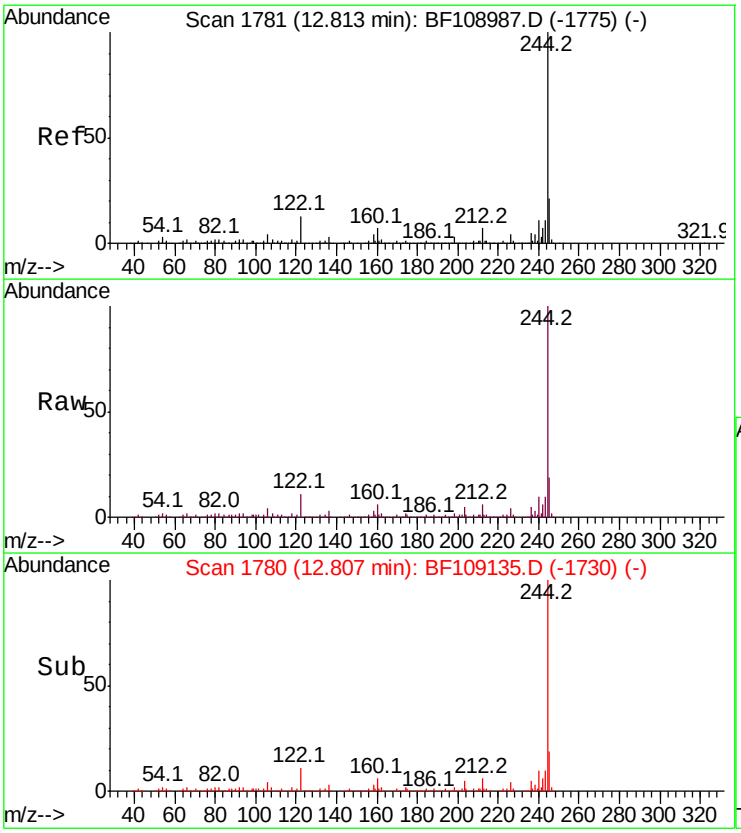
#77
Pyrene
Concen: 30.096 ng
RT: 12.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 853159

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.9	14.3	21.5

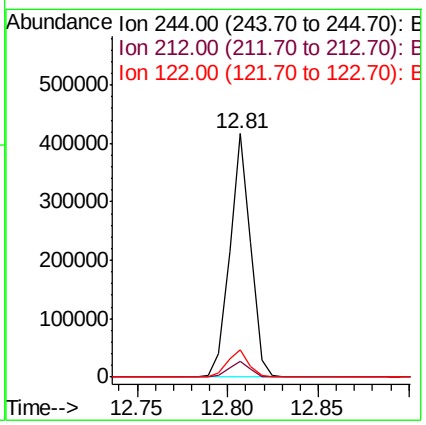


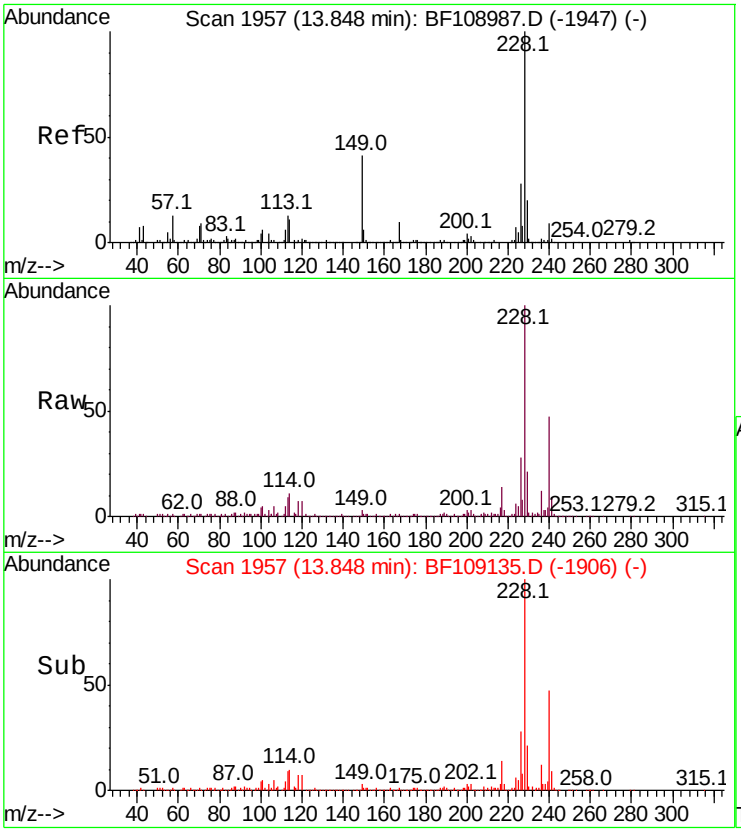


#78
Terphenyl-d14
Concen: 20.567 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:244 Resp: 331157

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.4	11.0	16.4



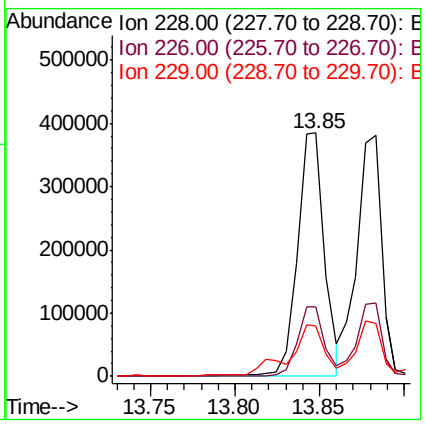


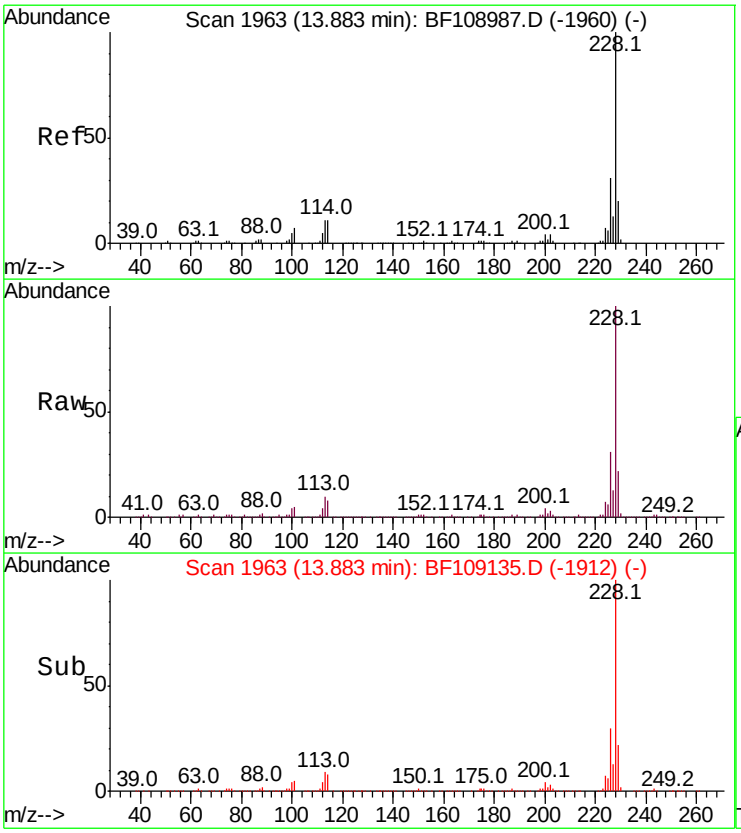
#80
Benzo(a)anthracene
Concen: 18.507 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 427623

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.9	15.8	23.6

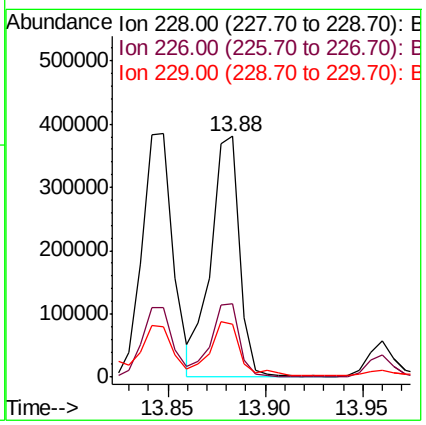


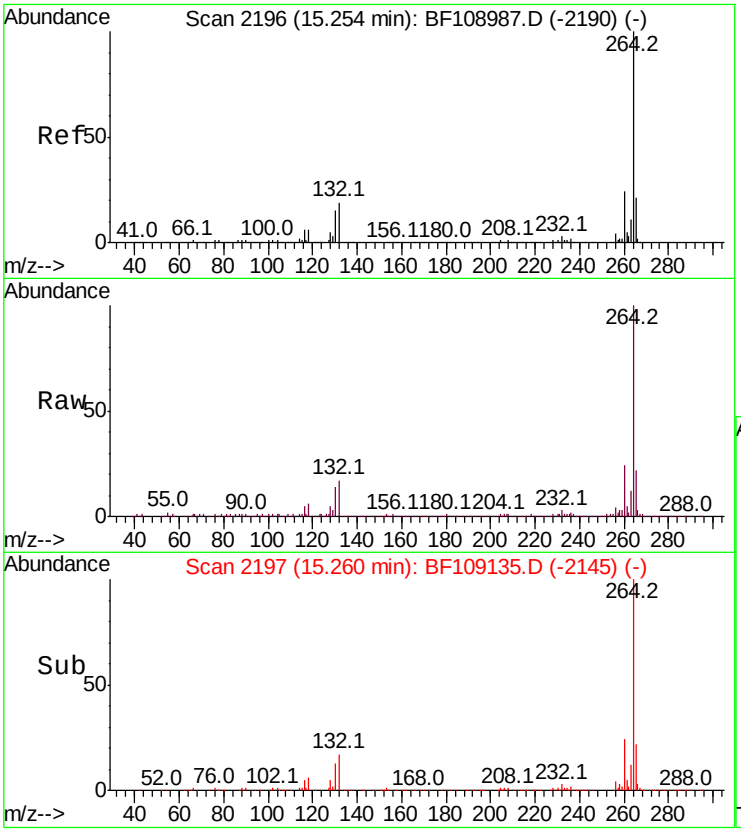


#82
Chrysene
Concen: 16.830 ng
RT: 13.88 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:228 Resp: 389060

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.1	16.2	24.4



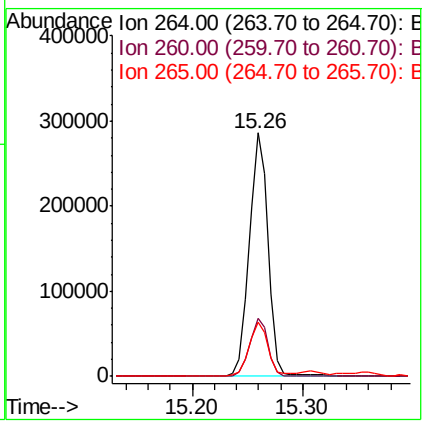


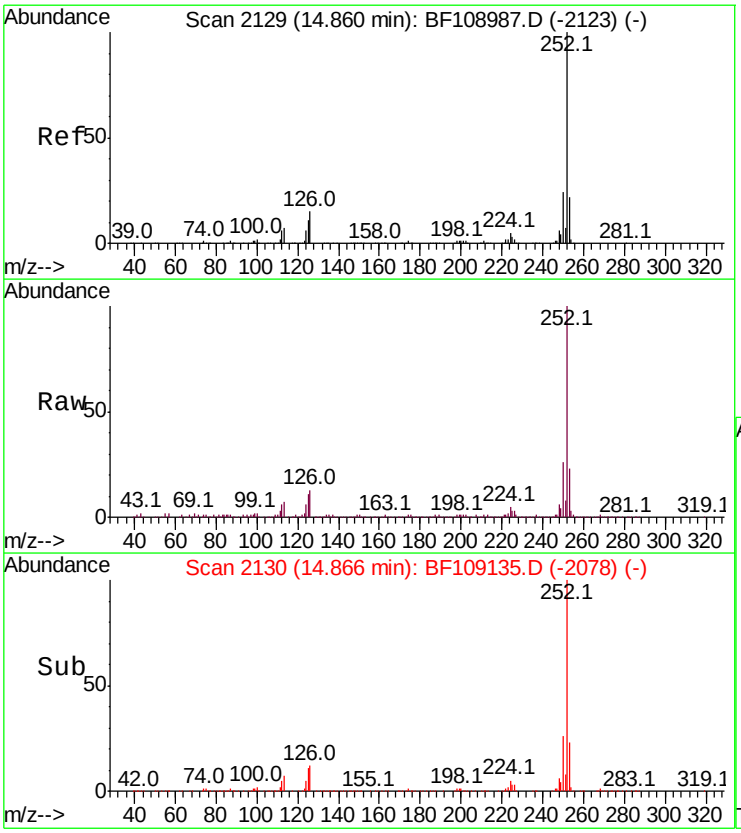
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 342625

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3

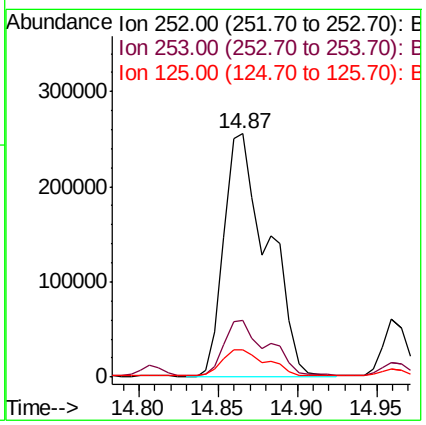


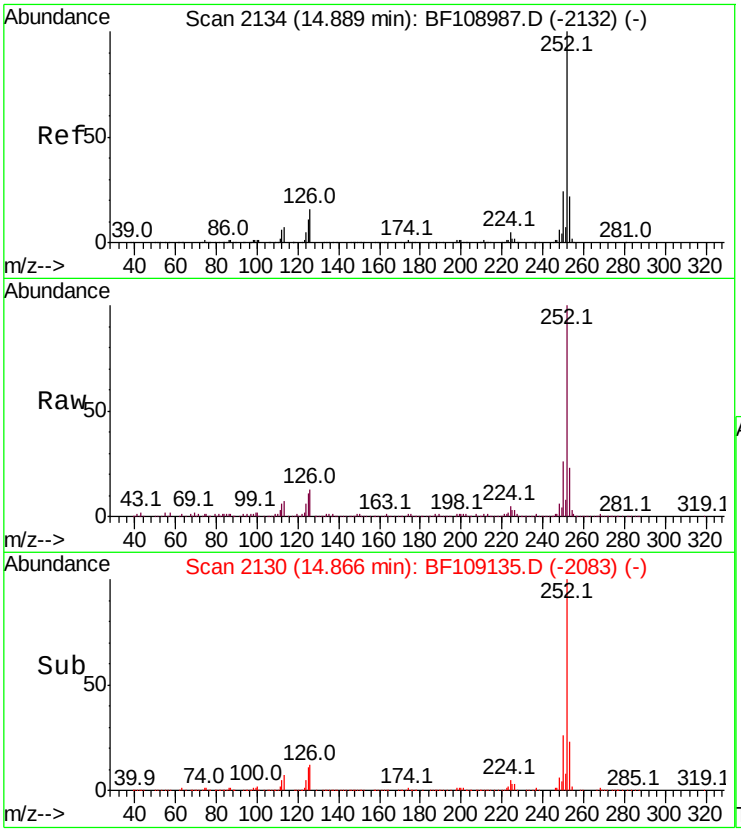


#87
Benzo(b)fluoranthene
Concen: 25.786 ng
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:252 Resp: 488765

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.4	9.0	13.6



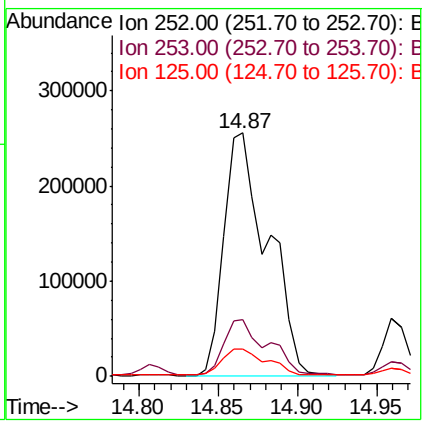


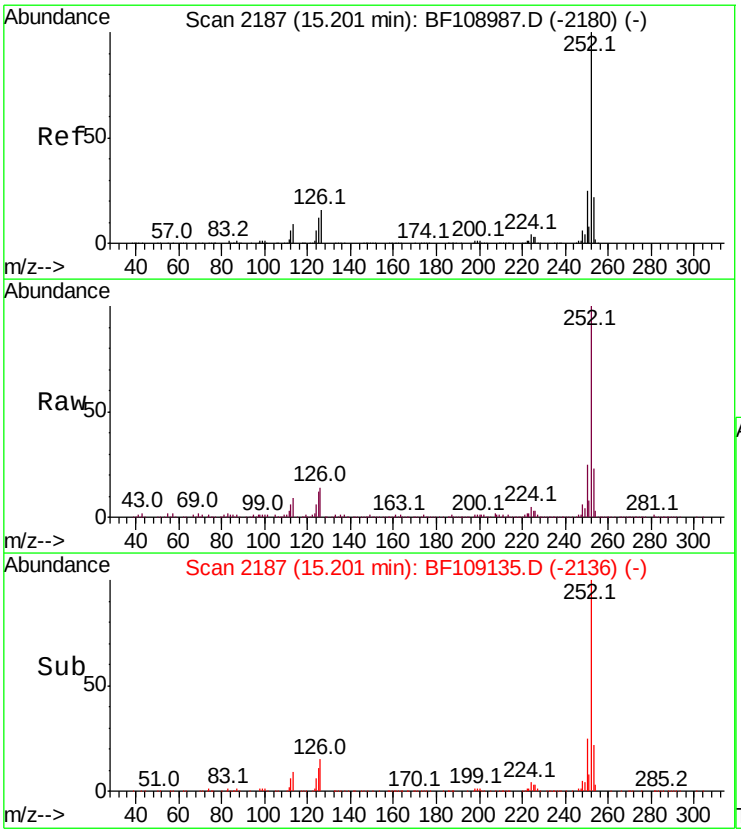
#88
Benzo(k)fluoranthene
Concen: 27.608 ng
RT: 14.87 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 488765

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.4	10.2	15.2

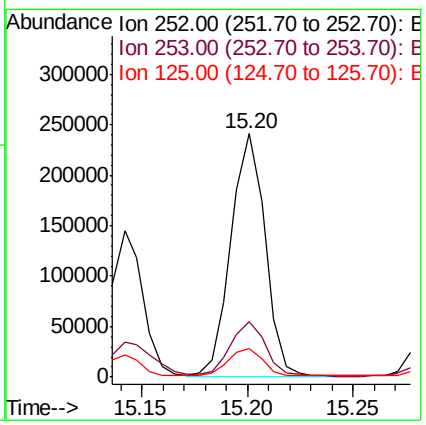


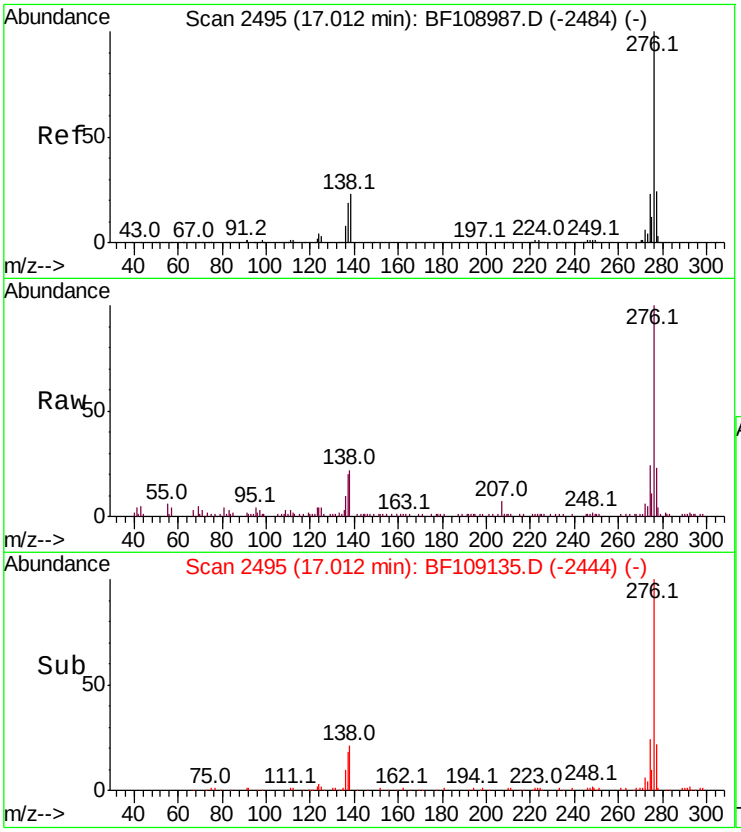


#89
Benzo(a)pyrene
Concen: 16.016 ng
RT: 15.20 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Tgt Ion:252 Resp: 269593

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.488 ng
RT: 17.01 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF109135.D
Acq: 19 Sep 2018 9:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 105866

Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	22.3	21.8	32.8