Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109686.D
Acq On : 9 Oct 2018 9:46
Operator : JU/SJ
Sample : J5305-02DL 4X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 10:57:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	88178	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	344636	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	132810	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	223257	20.00	ng		0.00
75) Chrysene-d12	13.84	240	197888	20.00	ng		0.00
86) Perylene-d12	15.23	264	180391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	74766	15.05	ng		0.00
7) Phenol-d6	6.35	99	142119	21.42	ng		0.00
23) Nitrobenzene-d5	7.26	82	89793	14.36	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	25549	17.66	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	141114	14.63	ng		0.00
78) Terphenyl-d14	12.78	244	113037	11.06	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	10246	2.202	ng	#	80
25) Isophorone	7.26	82	89793	8.649	ng	#	67
48) Acenaphthylene	9.59	152	79668	6.148	ng		99
50) 2,6-Dinitrotoluene	9.72	165	19428	9.202	ng	#	24
51) Acenaphthene	9.76	154	395598	51.497	ng		99
54) Dibenzofuran	9.93	168	71543	6.213	ng	#	90
57) Fluorene	10.27	166	177956	20.694	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	16259	6.437	ng	#	81
68) Atrazine	11.02	200	7581	3.210	ng	#	37
69) Pentachlorophenol	11.02	266	43874	28.069	ng		98
70) Phenanthrene	11.23	178	786123	70.361	ng		100
71) Anthracene	11.28	178	229678	19.887	ng		99
74) Fluoranthene	12.44	202	3938763	337.457	ng		96
77) Pyrene	12.66	202	2773176	191.272	ng		97
80) Benzo(a)anthracene	13.83	228	911400	83.460	ng		96
82) Chrysene	13.86	228	694859	60.578	ng		97
83) Bis(2-ethylhexyl)phthalate	13.82	149	16246	2.118	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	83739	10.199	ng		95
87) Benzo(b)fluoranthene	14.84	252	626258	62.822	ng		99
88) Benzo(k)fluoranthene	14.84	252	626258	62.525	ng		98
89) Benzo(a)pyrene	15.17	252	178260	19.705	ng		99
91) Benzo(g,h,i)perylene	16.97	276	64033	8.631	ng		96

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

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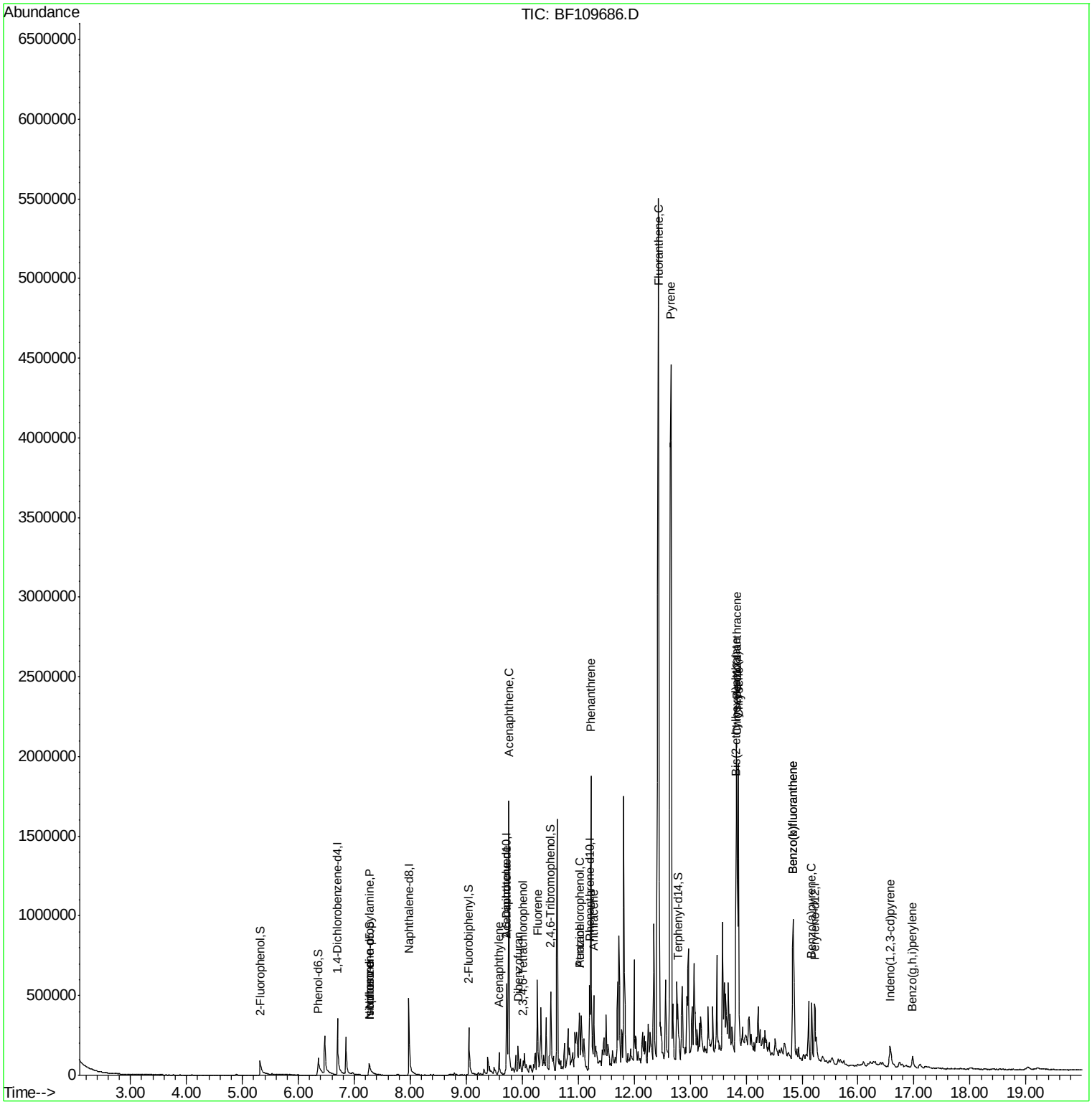
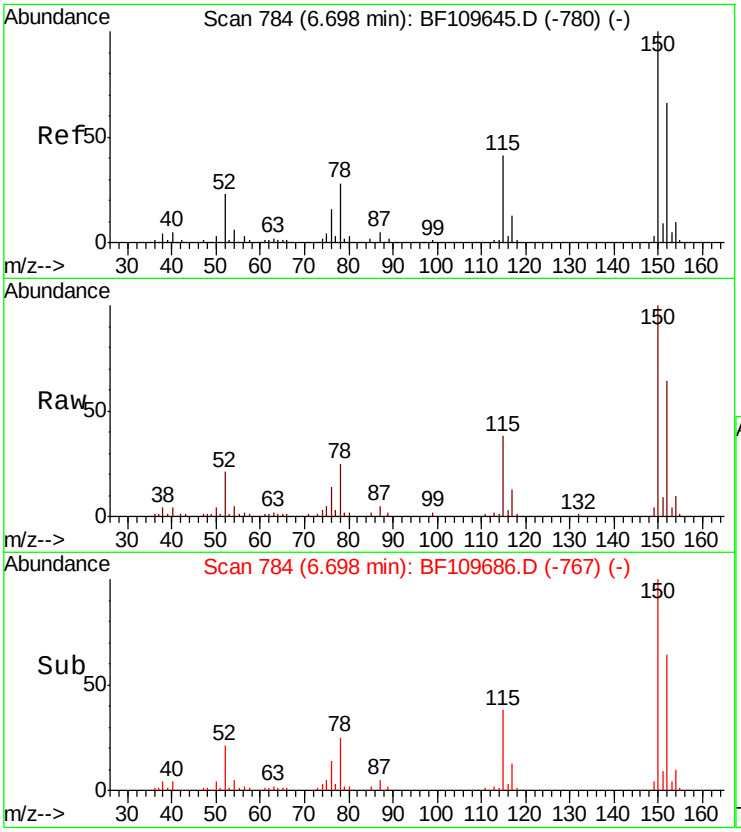


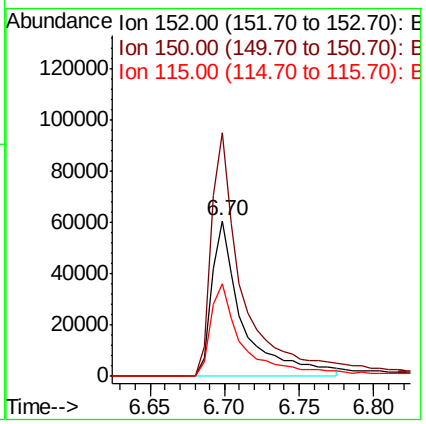


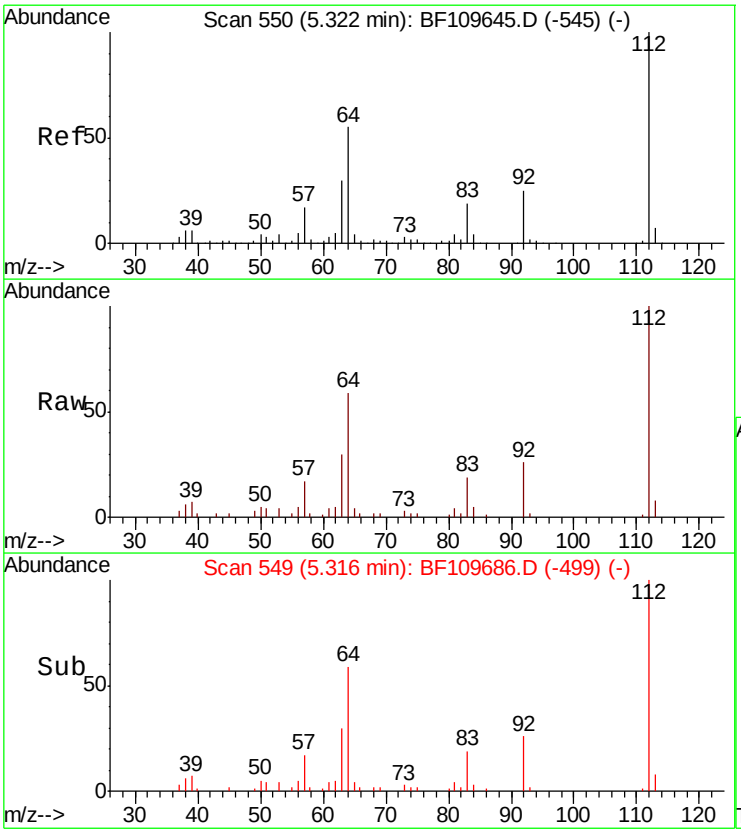
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88178

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	59.2	49.1	73.7

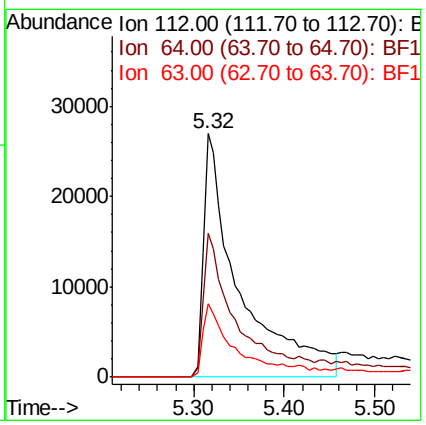


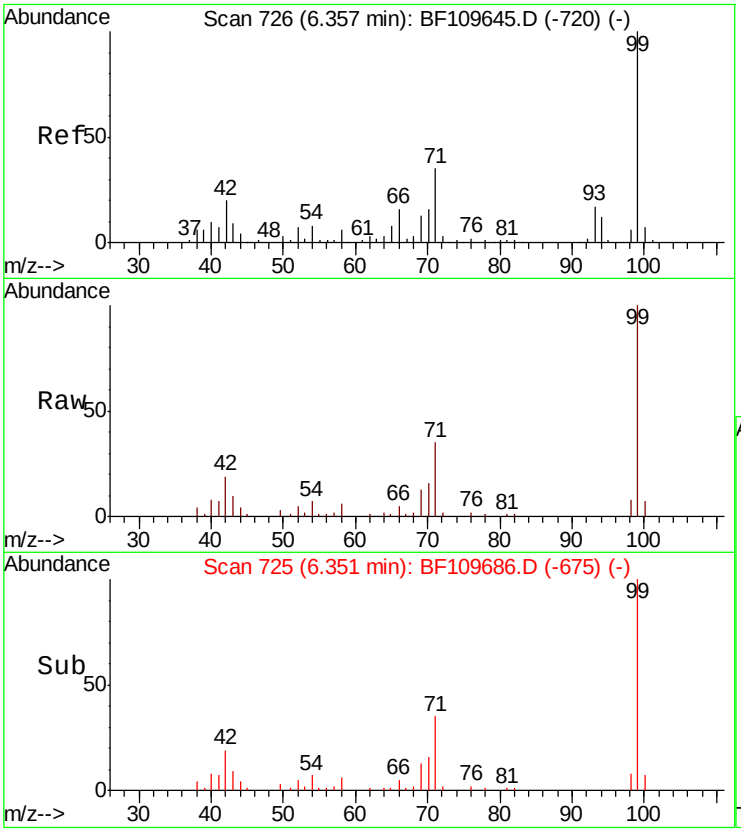


#5
2-Fluorophenol
Concen: 15.050 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:112 Resp: 74766

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	30.0	23.7	35.5



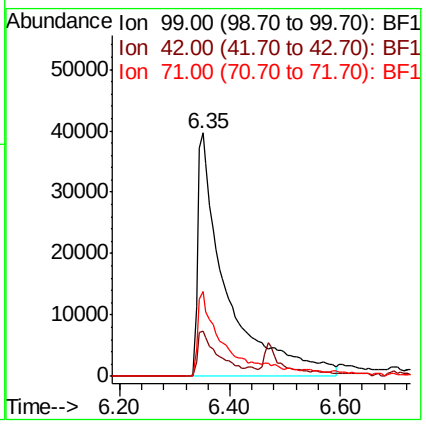


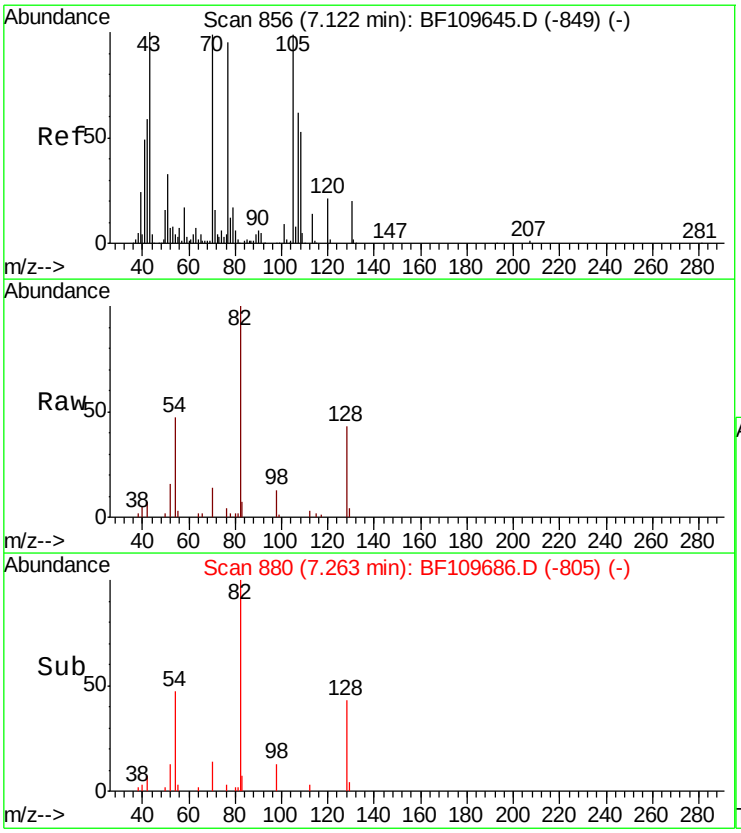
#7
Phenol-d6
Concen: 21.415 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 142119

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	35.1	28.0	42.0

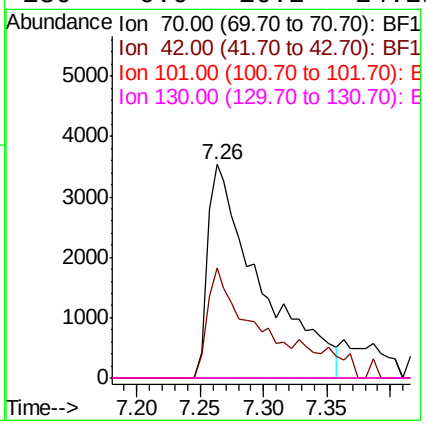


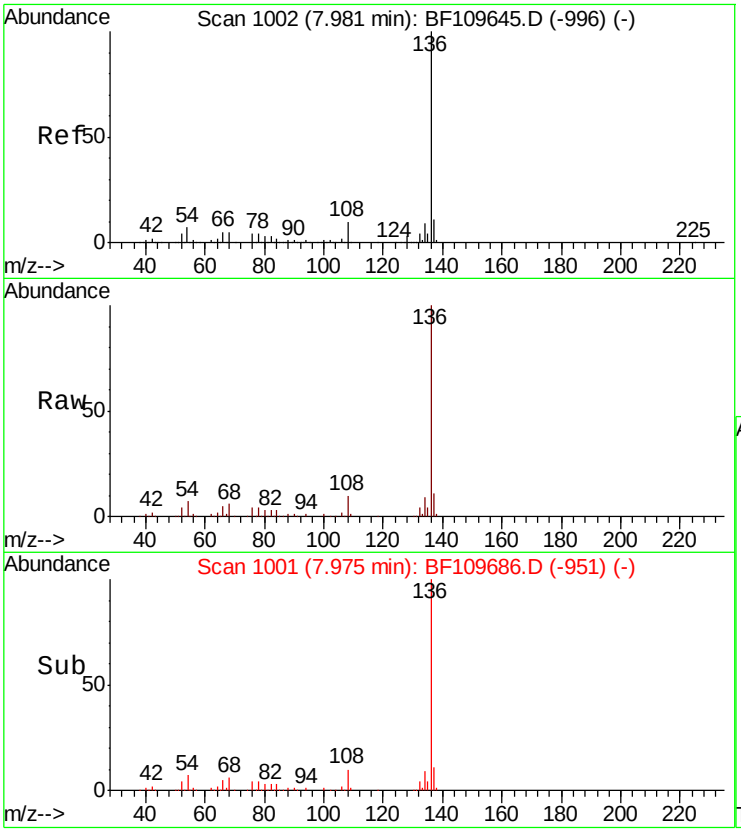


#19
n-Nitroso-di-n-propylamine
Concen: 2.202 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion: 70 Resp: 10246

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



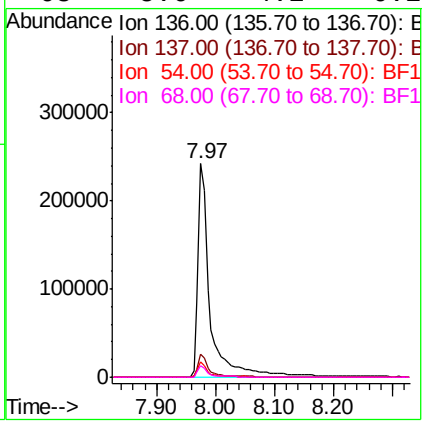


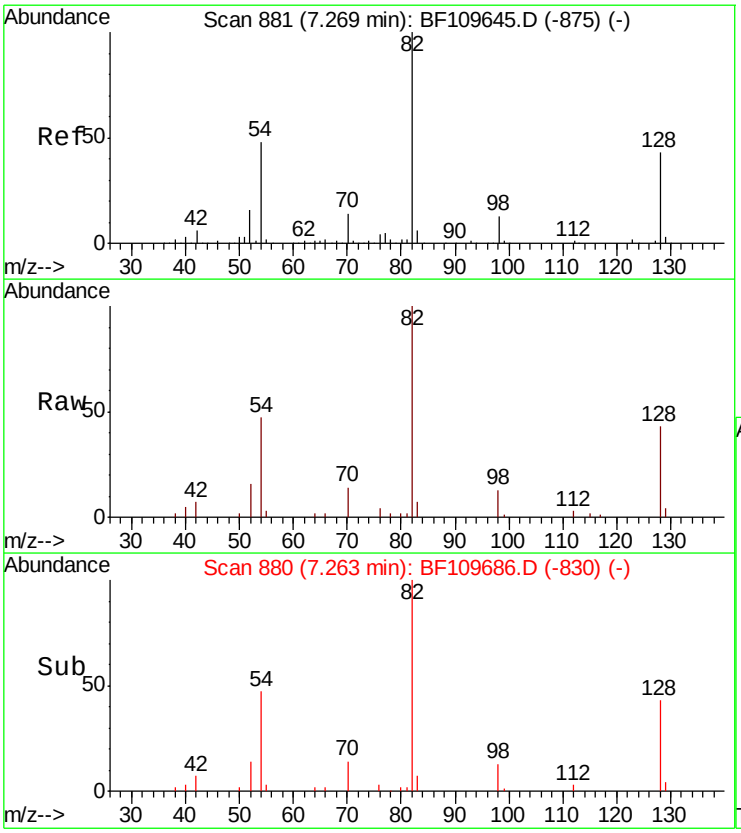
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 344636

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	5.4	8.2
68	5.6	4.2	6.2

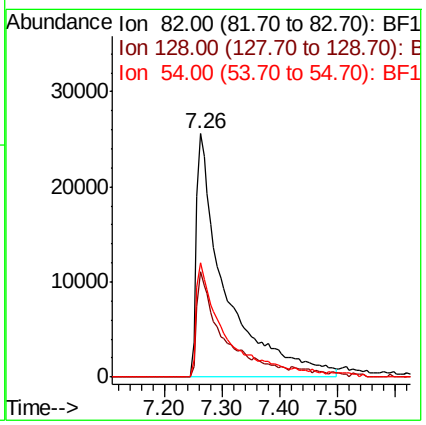


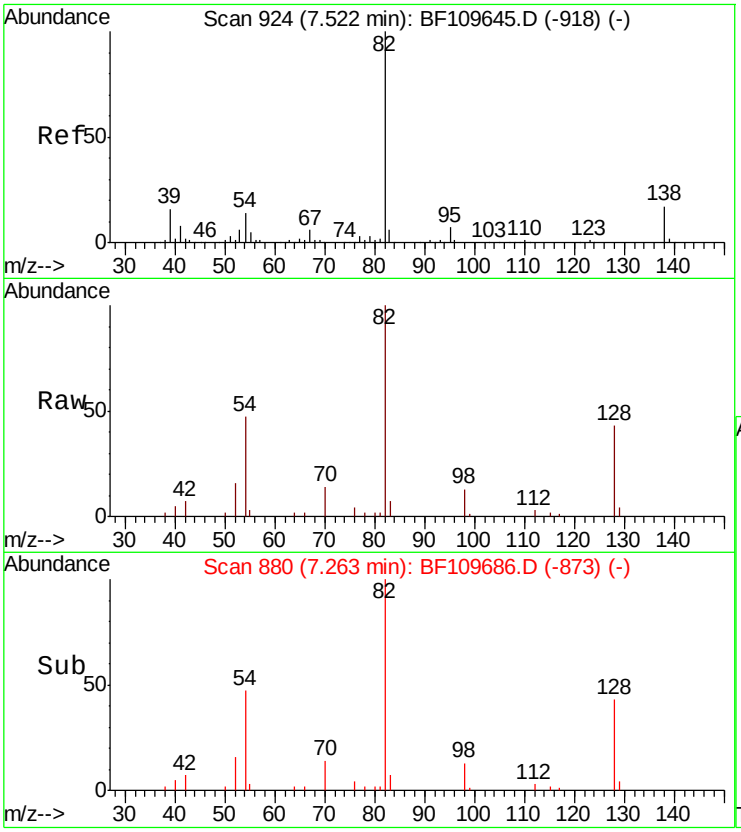


#23
Nitrobenzene-d5
Concen: 14.362 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion: 82 Resp: 89793

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	47.2	38.6	58.0



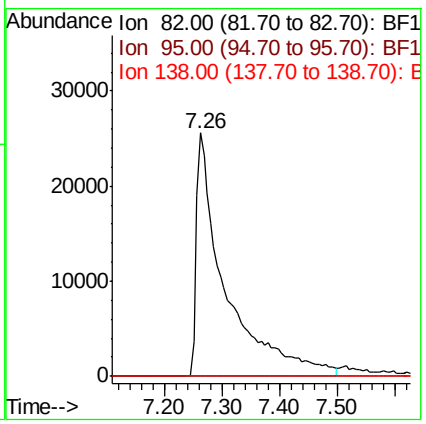


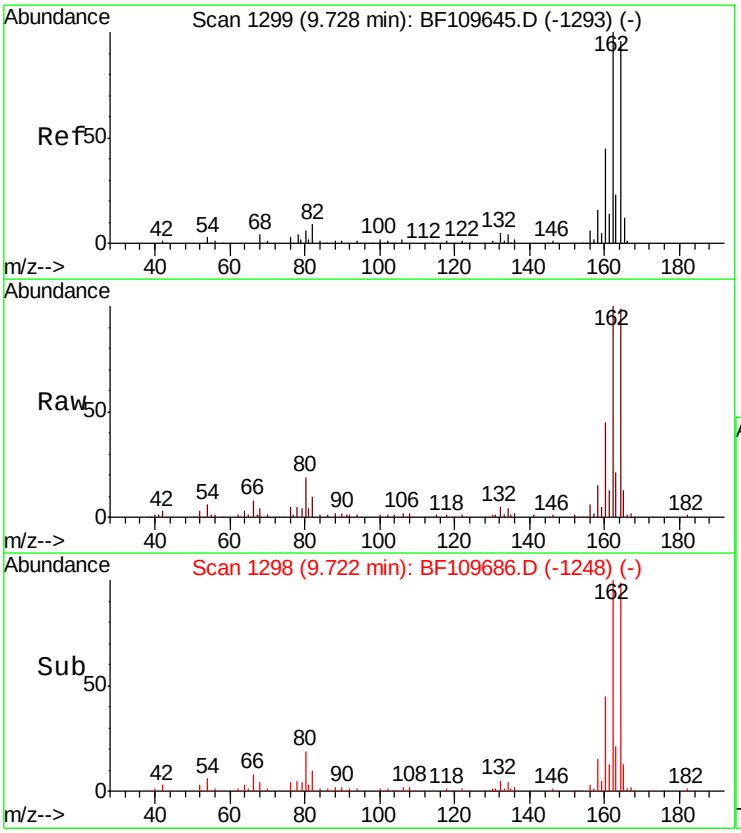
#25
Isophorone
Concen: 8.649 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 89793

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

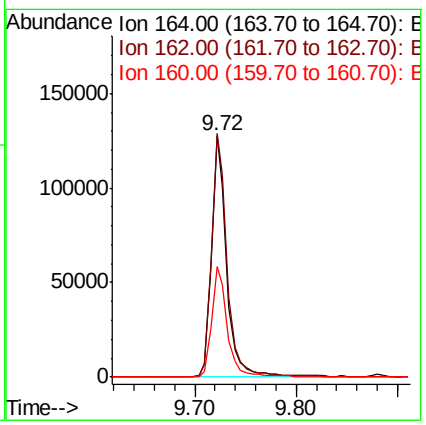


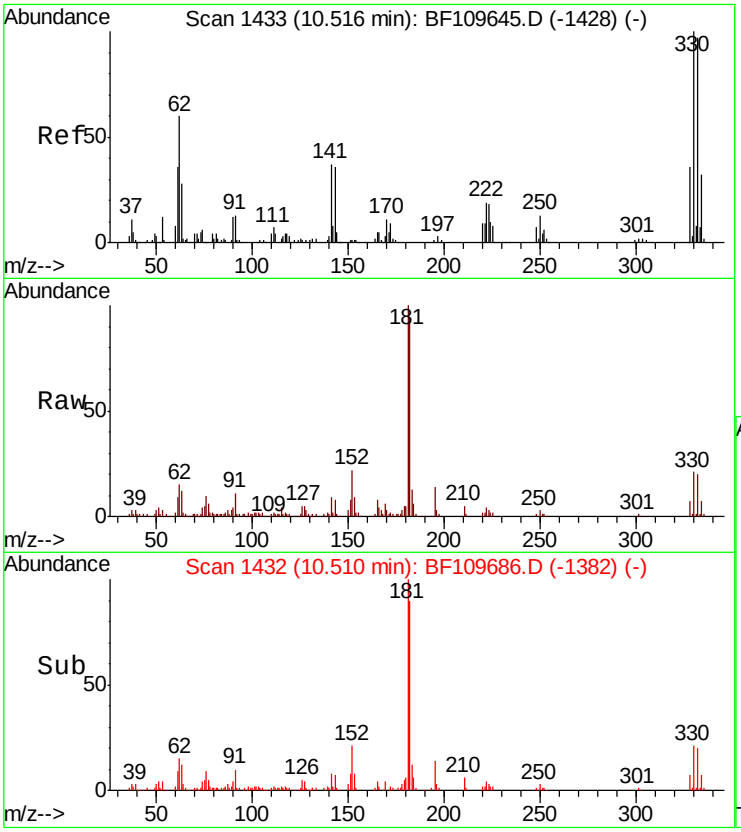


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:164 Resp: 132810

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.6
160	45.6	37.0	55.6



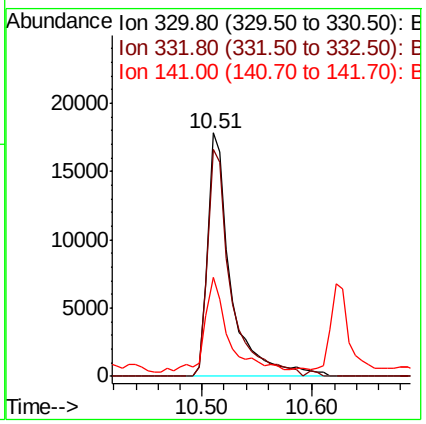


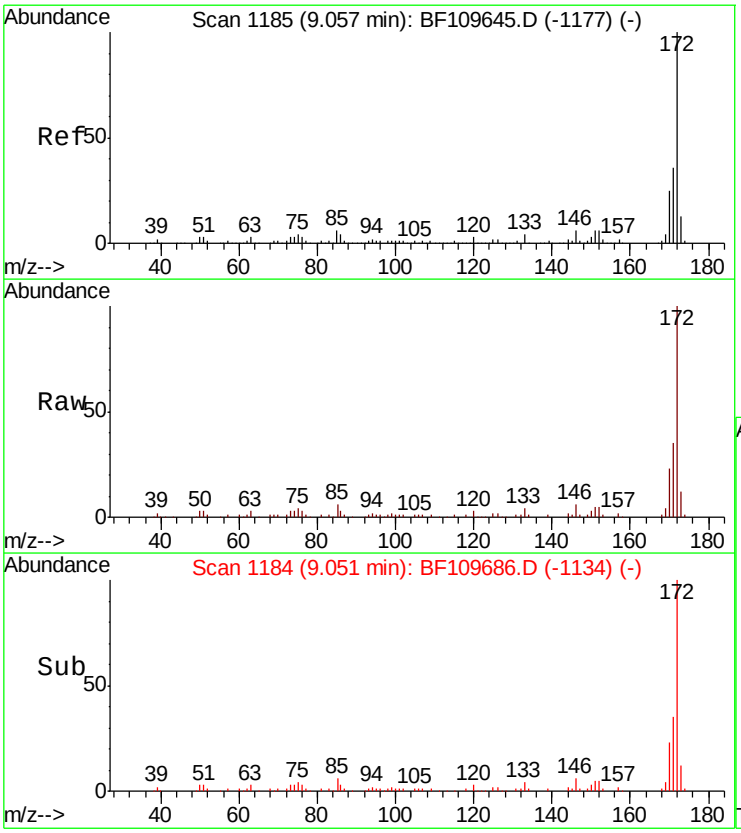
#41
2,4,6-Tribromophenol
Concen: 17.655 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 25549

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.1	115.7
141	39.4	27.0	40.4

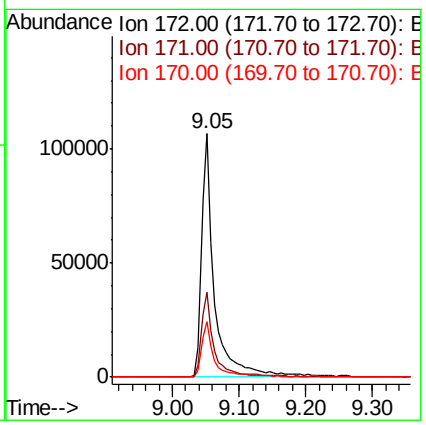


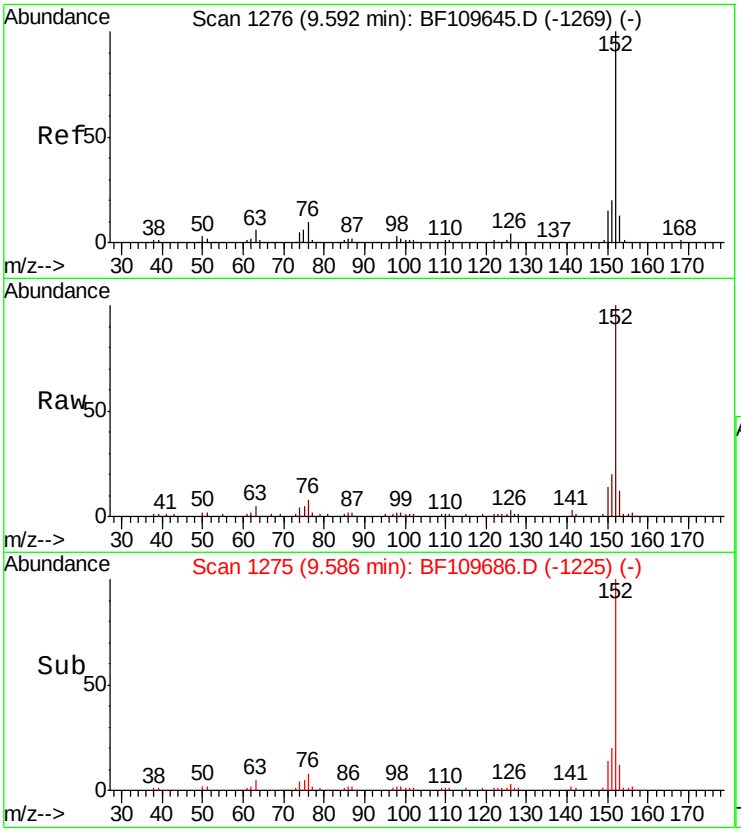


#44
2-Fluorobiphenyl
Concen: 14.634 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:172 Resp: 141114

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.0	19.7	29.5



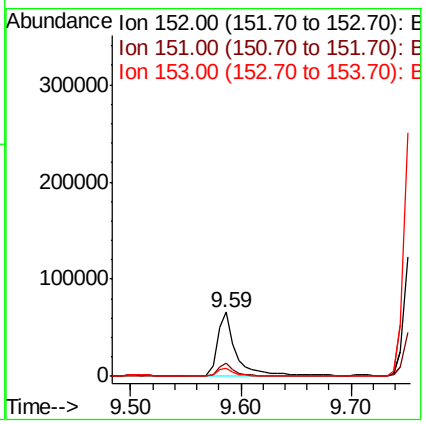


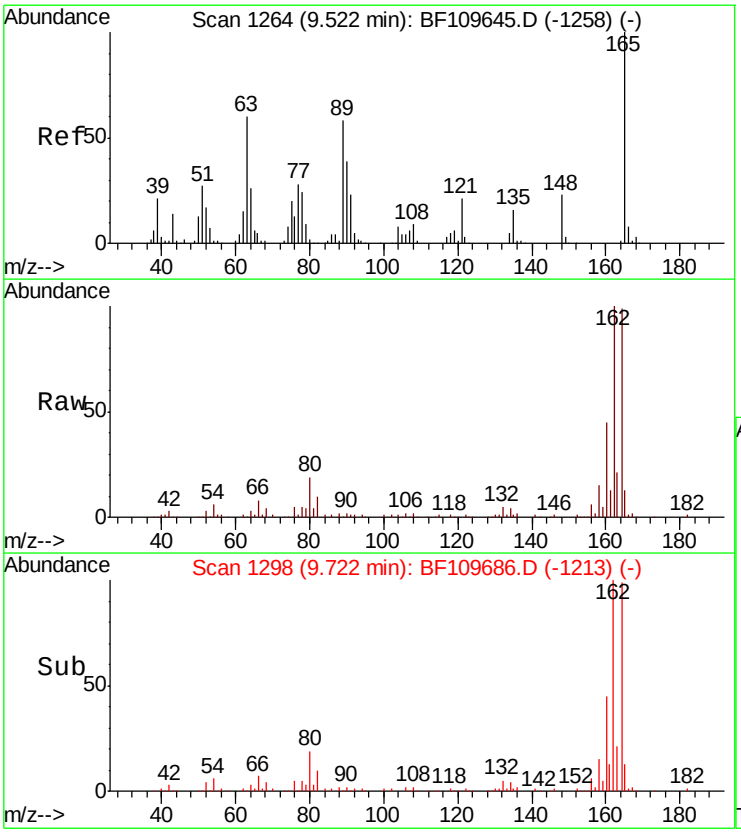
#48
Acenaphthylene
Concen: 6.148 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79668

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	12.3	10.4	15.6

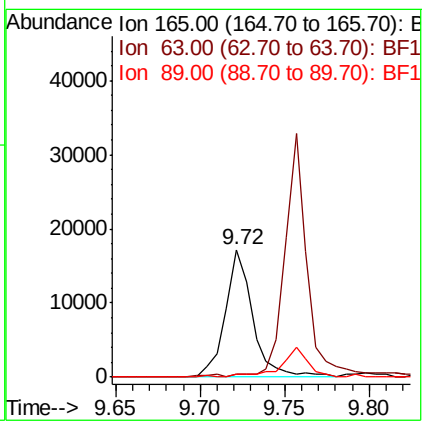


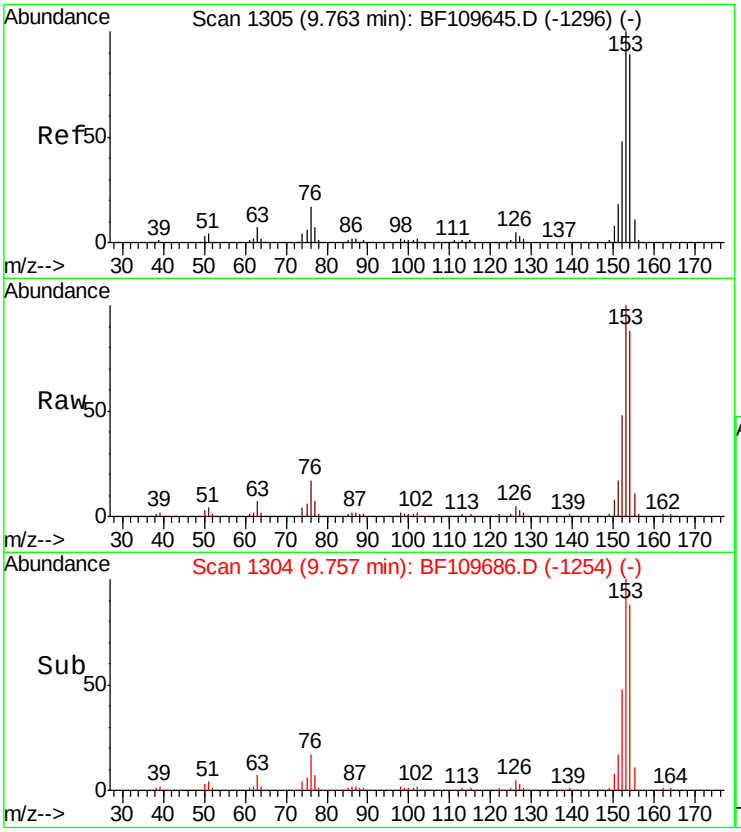


#50
2,6-Dinitrotoluene
Concen: 9.202 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:165 Resp: 19428

Ion	Ratio	Lower	Upper
165	100		
63	2.3	48.9	73.3#
89	1.9	46.6	69.8#



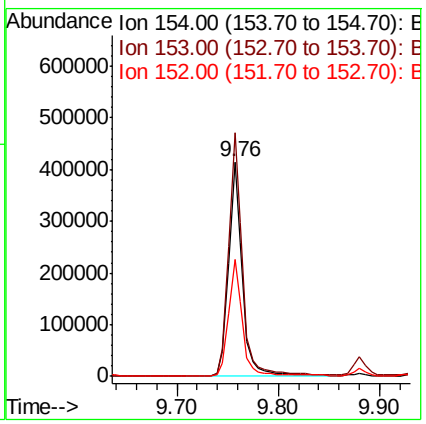


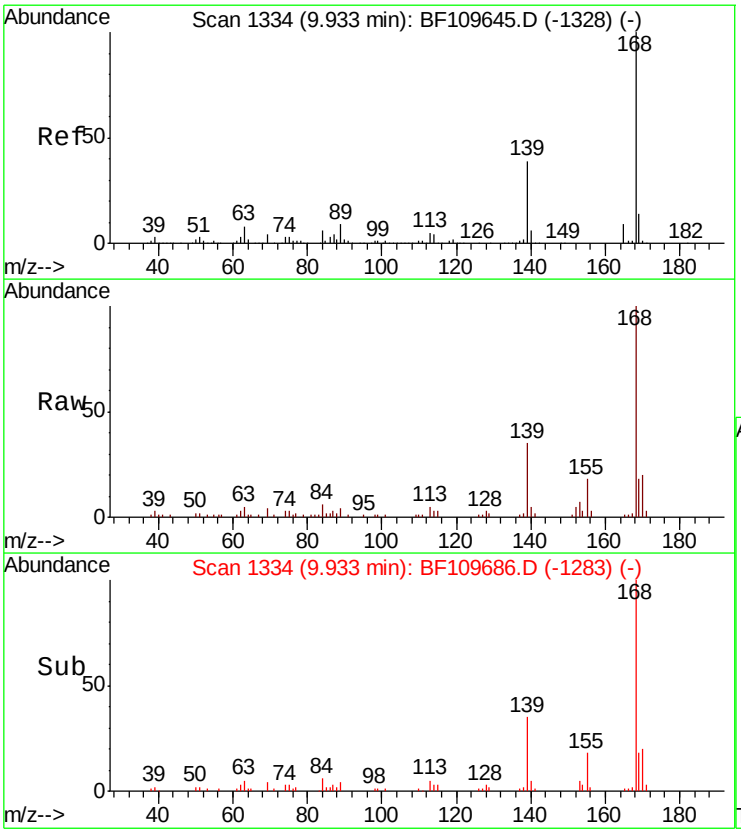
#51
Acenaphthene
Concen: 51.497 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 395598

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.1	135.1
152	54.6	43.4	65.2

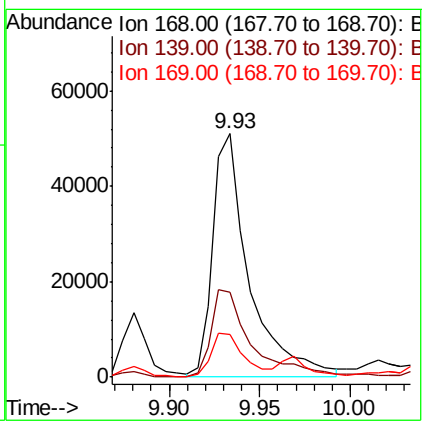


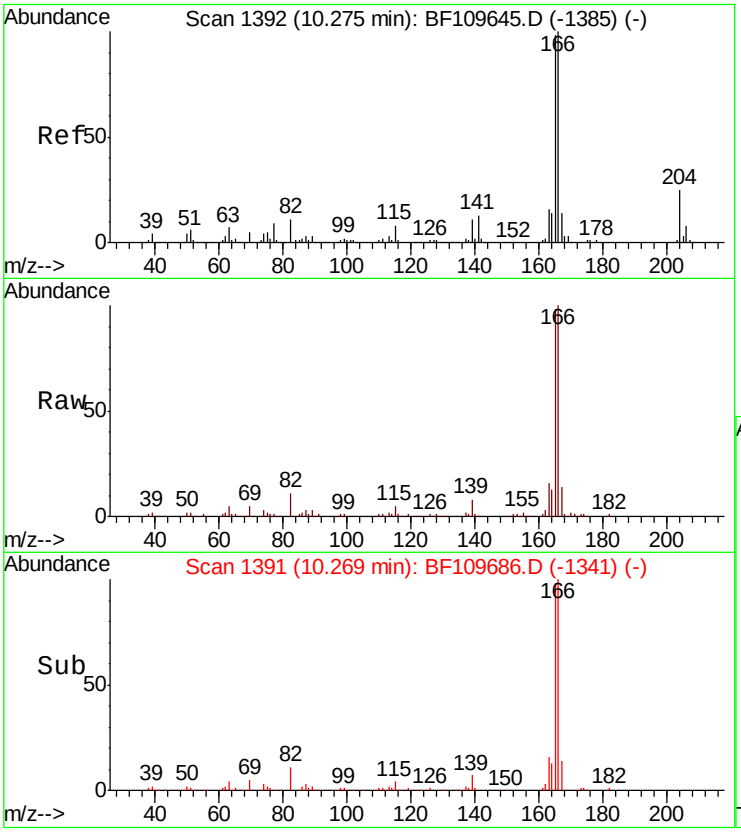


#54
Dibenzofuran
Concen: 6.213 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:168 Resp: 71543

Ion	Ratio	Lower	Upper
168	100		
139	35.1	33.0	49.6
169	17.7	11.3	16.9#



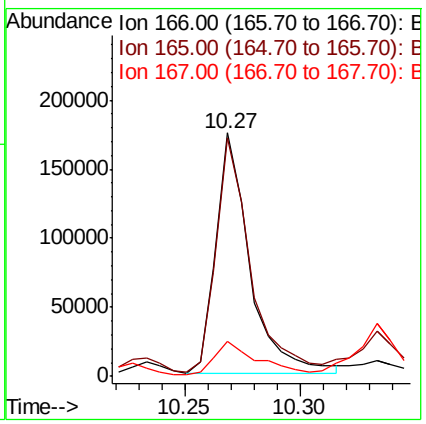


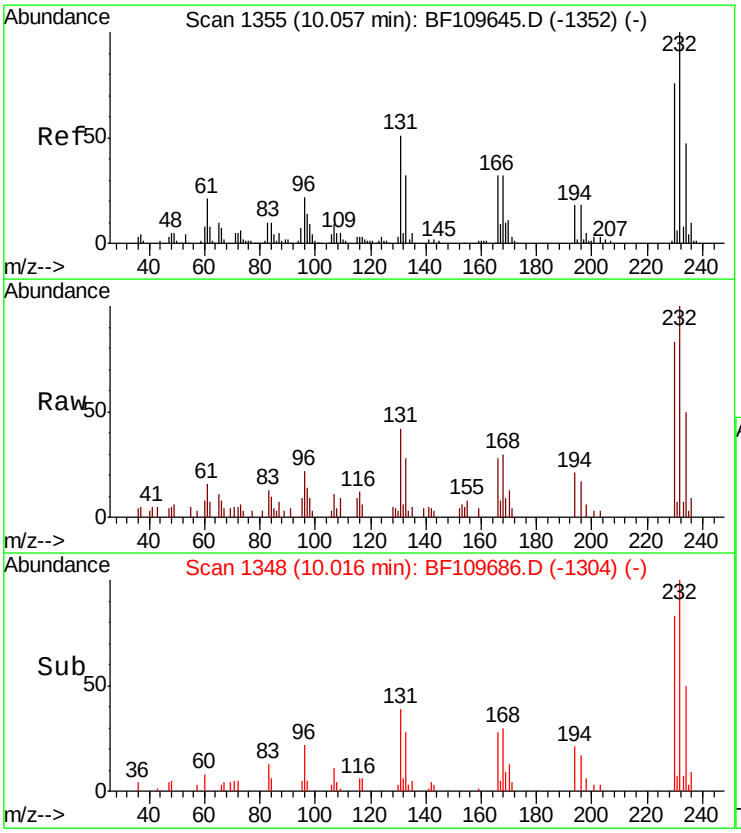
#57
Fluorene
Concen: 20.694 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 177956

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.3	10.8	16.2

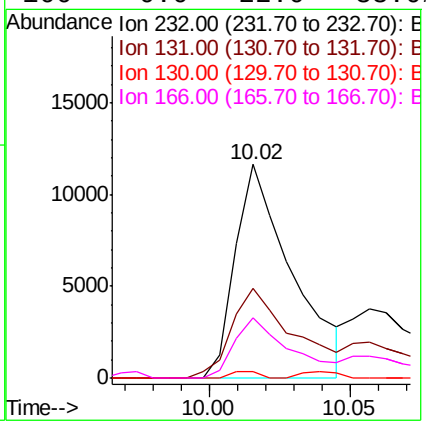


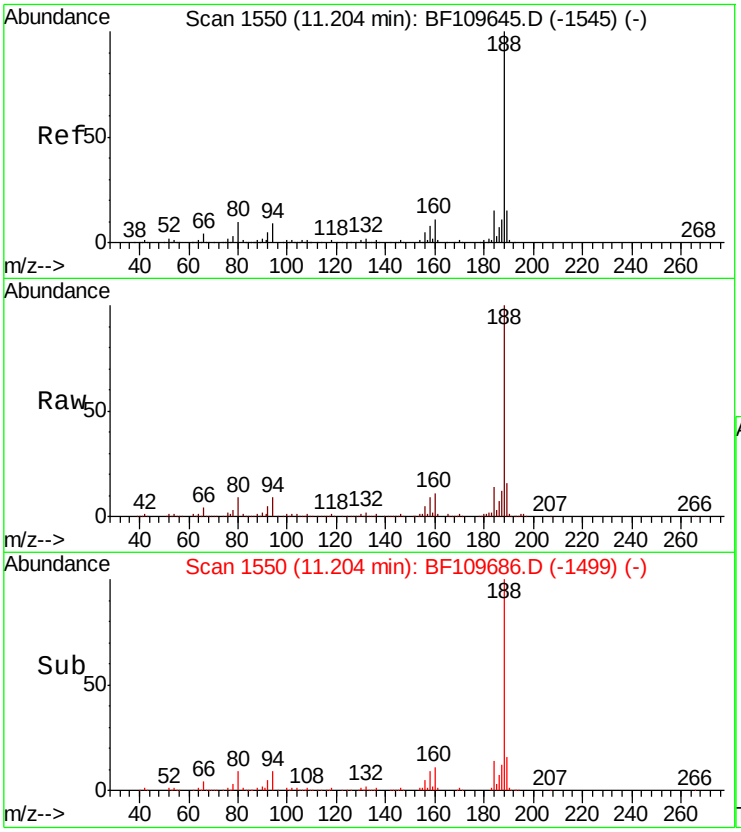


#58
2,3,4,6-Tetrachlorophenol
Concen: 6.437 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:232 Resp: 16259

Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.0	55.4
130	1.5	1.8	2.6#
166	0.0	22.0	33.0#



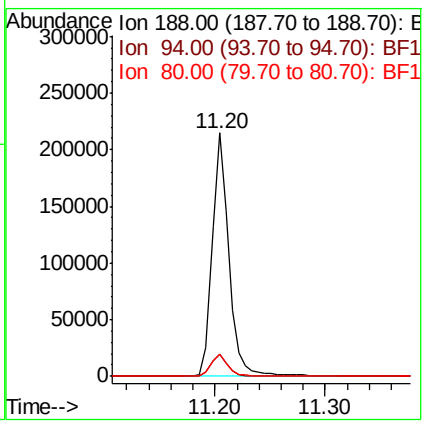


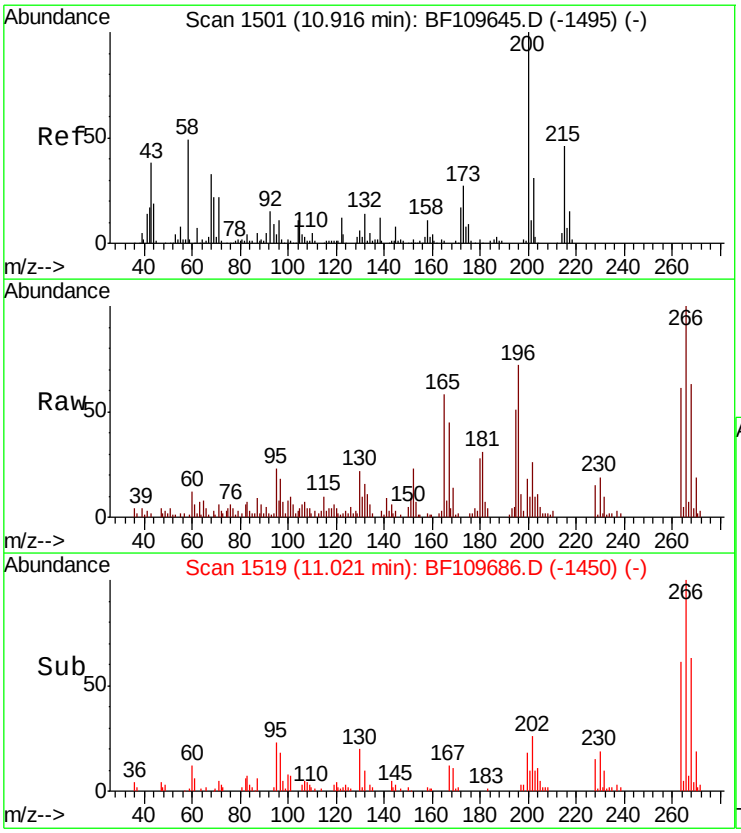
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 223257

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.2	7.9	11.9

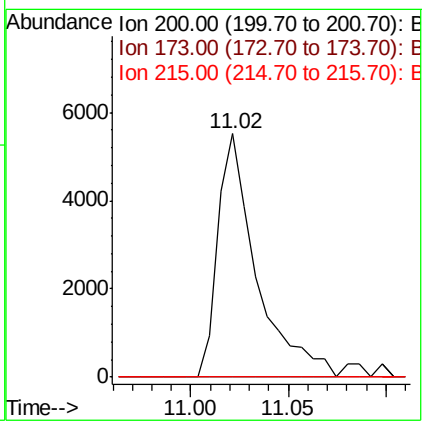


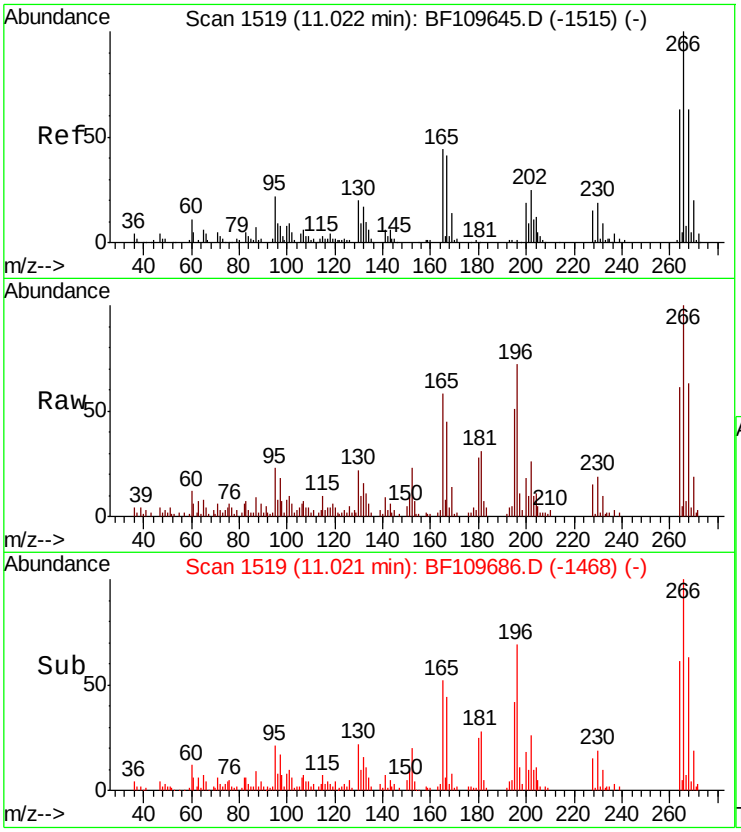


#68
Atrazine
Concen: 3.210 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.11 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:200 Resp: 7581

Ion	Ratio	Lower	Upper
200	100		
173	0.0	6.6	46.6#
215	0.0	26.3	66.3#



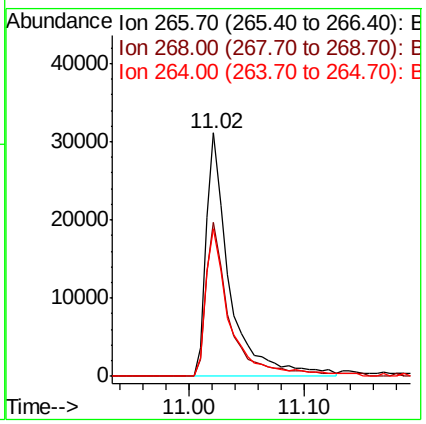


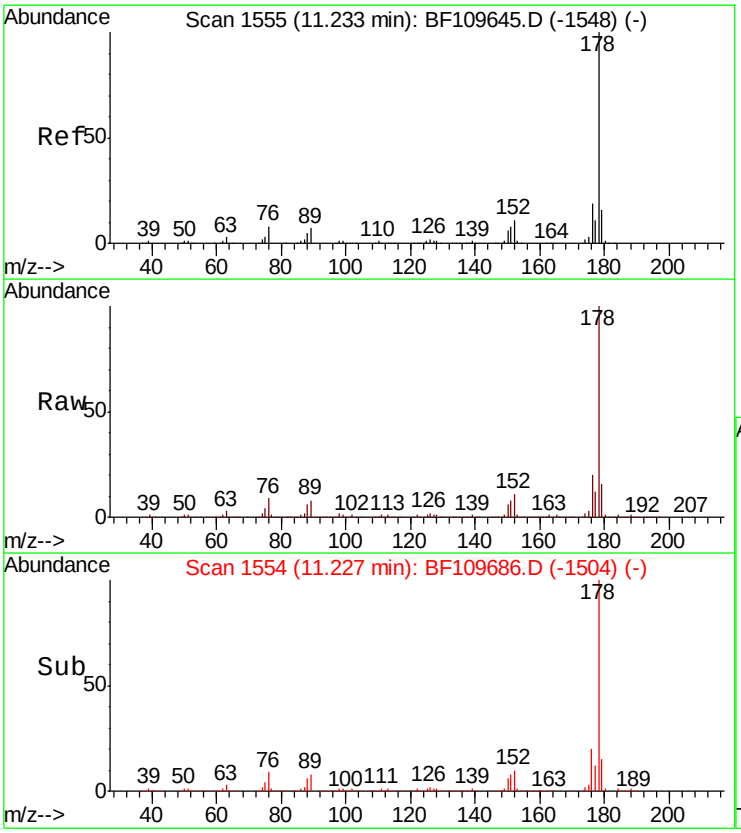
#69
Pentachlorophenol
Concen: 28.069 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 43874

Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.6	75.8
264	60.5	50.6	75.8

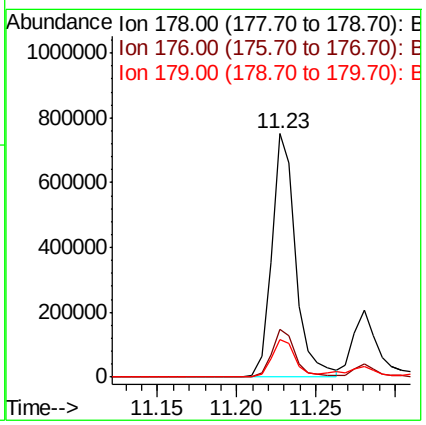


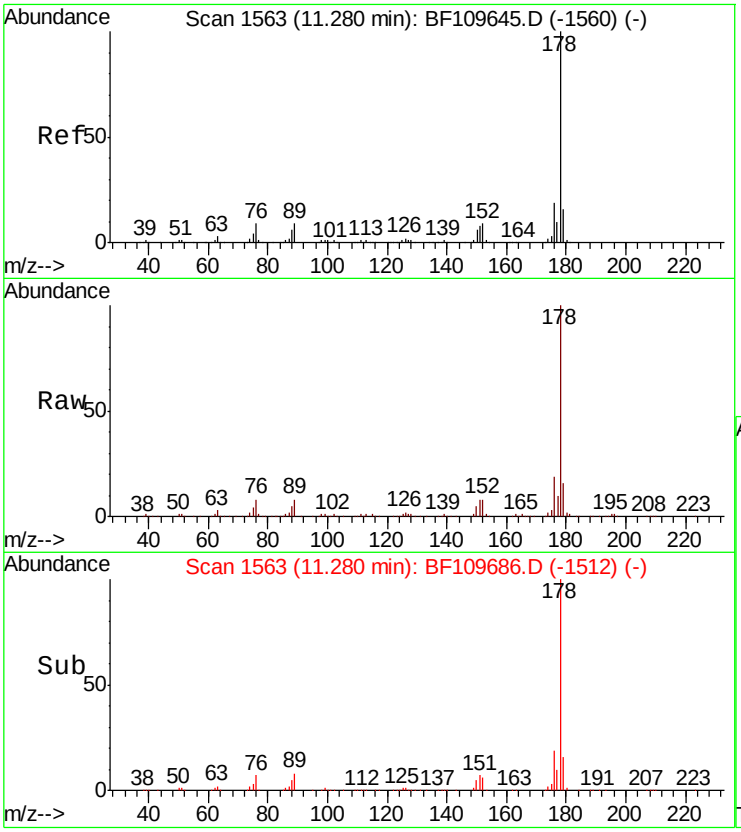


#70
Phenanthrene
Concen: 70.361 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:178 Resp: 786123

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.6	12.5	18.7



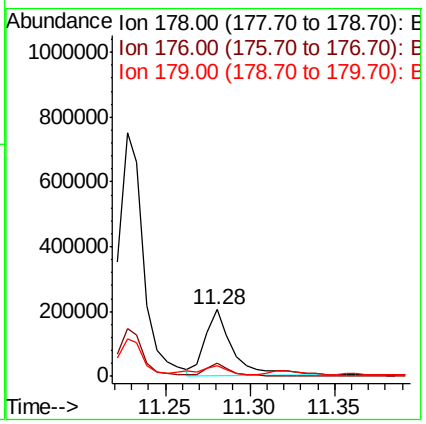


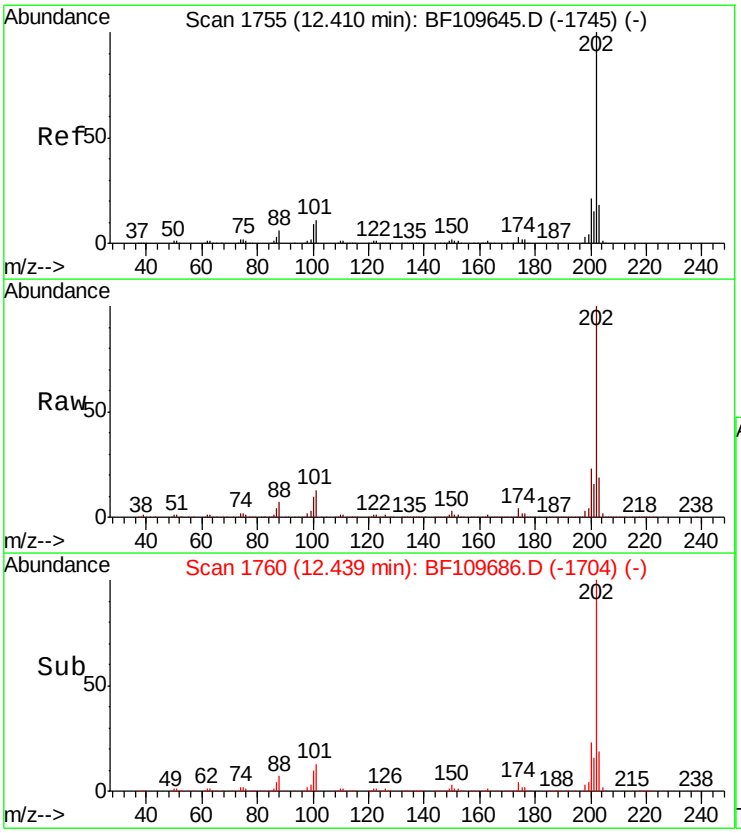
#71
Anthracene
Concen: 19.887 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 229678

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.1	12.6	18.8

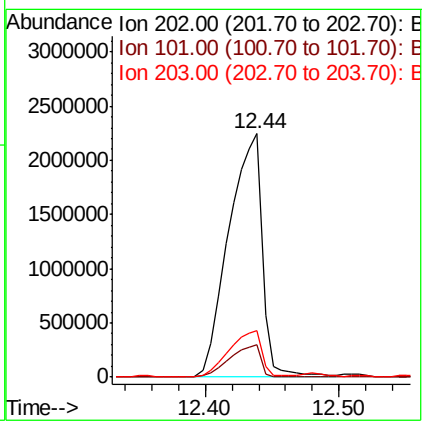


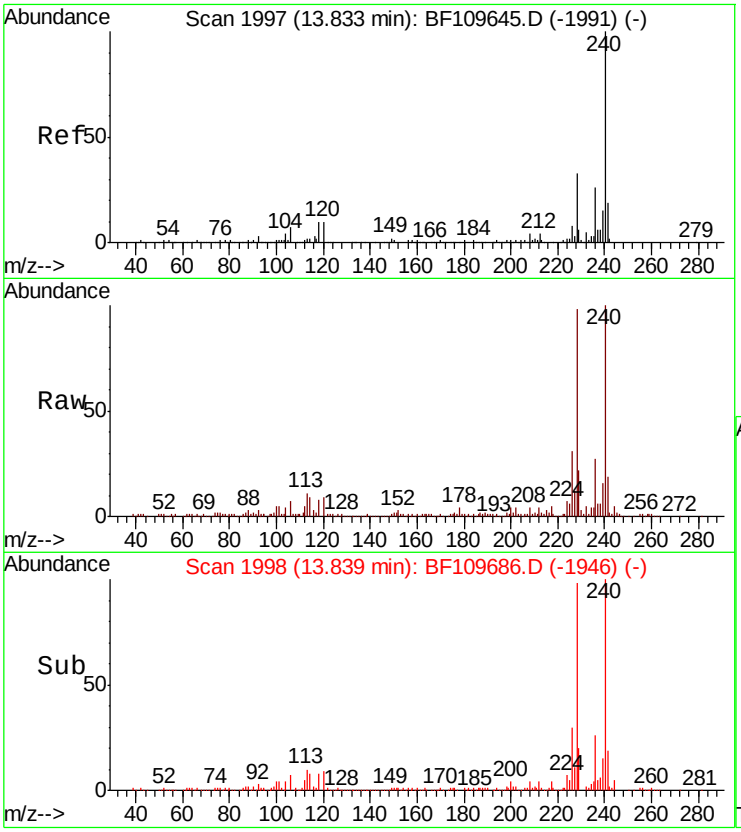


#74
Fluoranthene
Concen: 337.457 ng
RT: 12.44 min Scan# 1760
Delta R.T. 0.03 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:202 Resp: 3938763

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.4
203	19.1	0.0	37.7



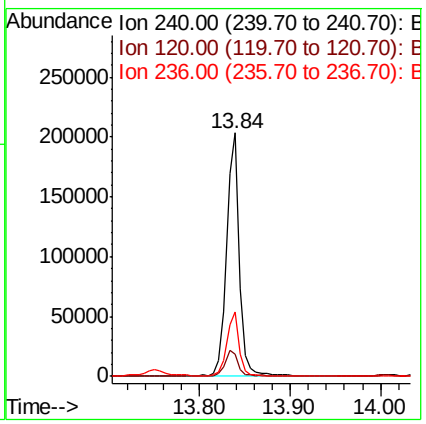


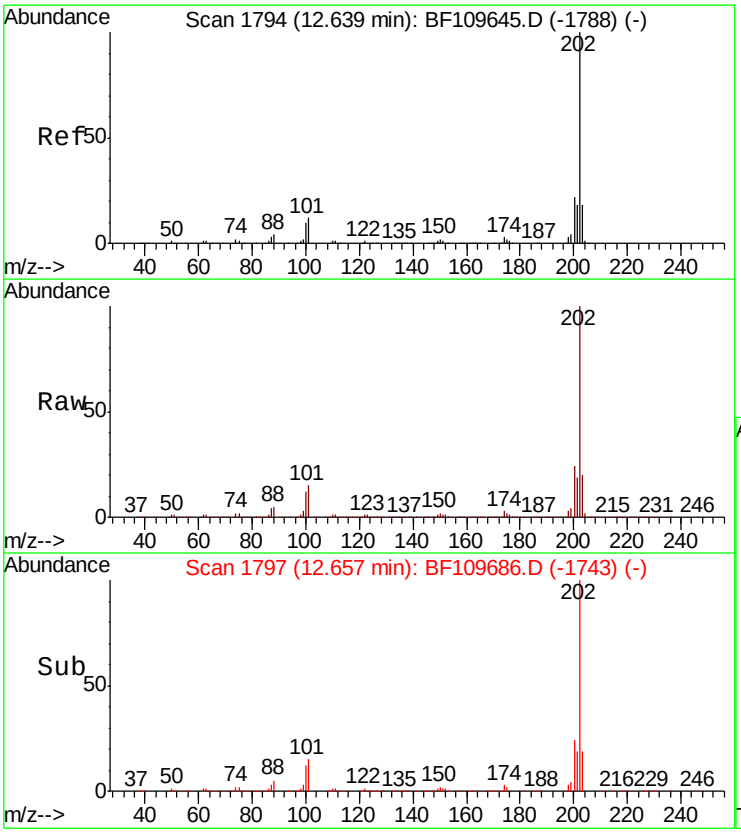
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 197888

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.7	21.2	31.8

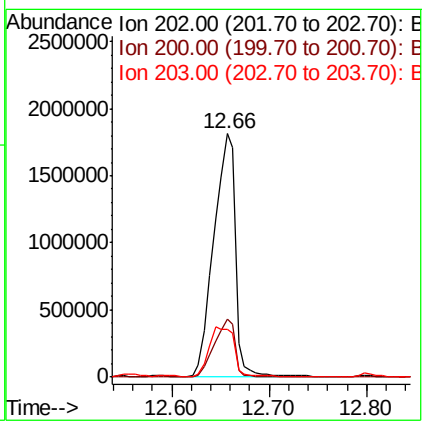


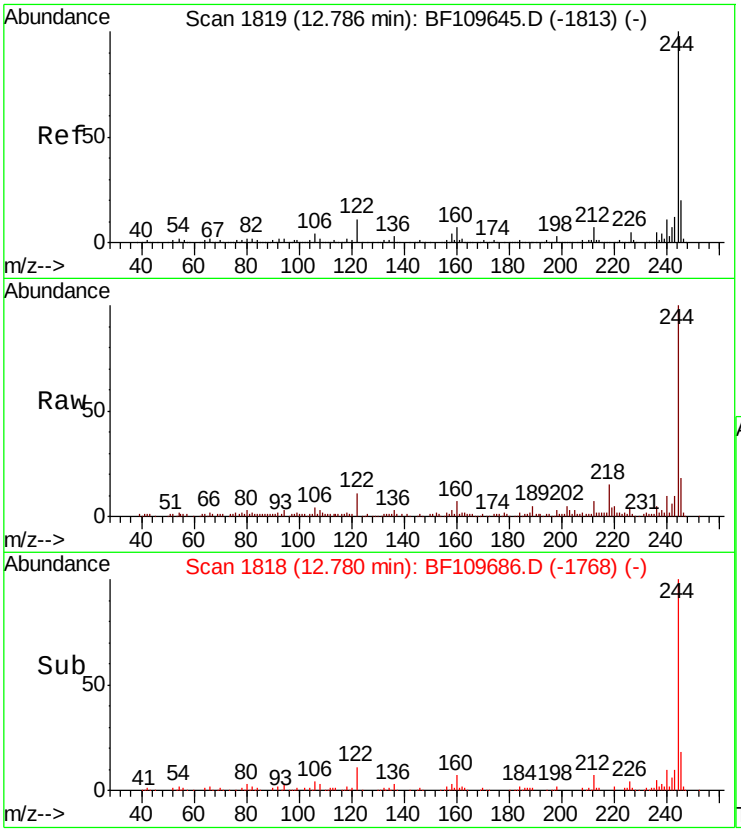


#77
Pyrene
Concen: 191.272 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.02 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:202 Resp: 2773176

Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.8	26.6
203	19.6	14.2	21.4



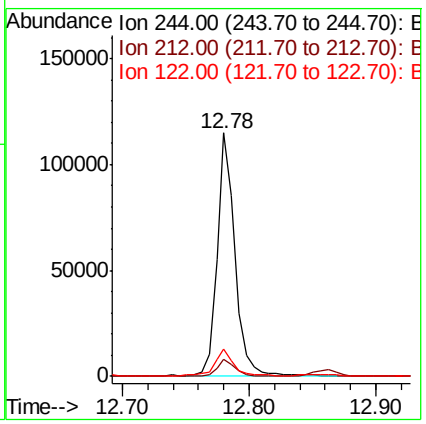


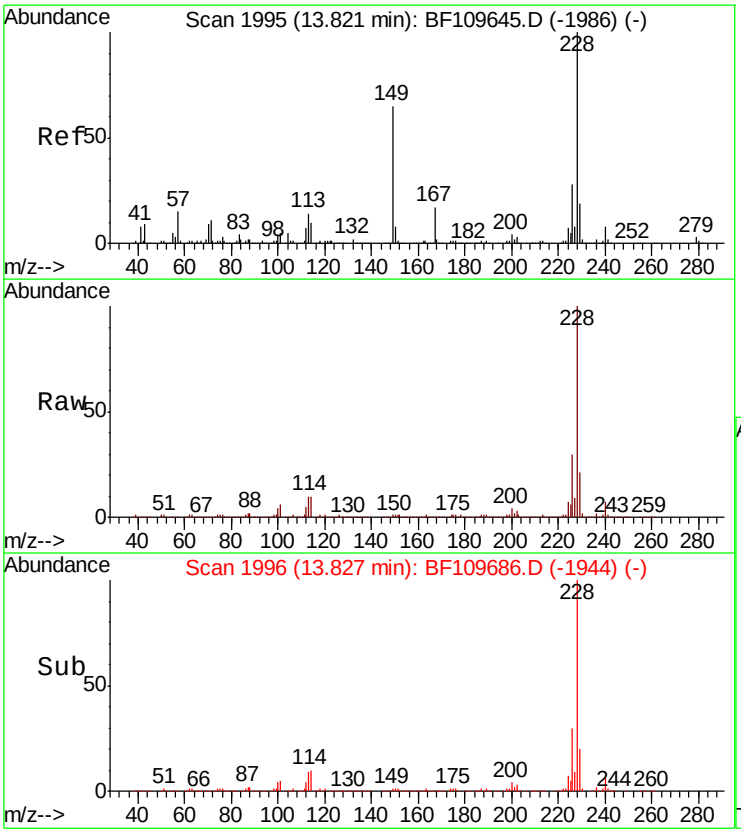
#78
Terphenyl-d14
Concen: 11.058 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 113037

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.3	8.7	13.1

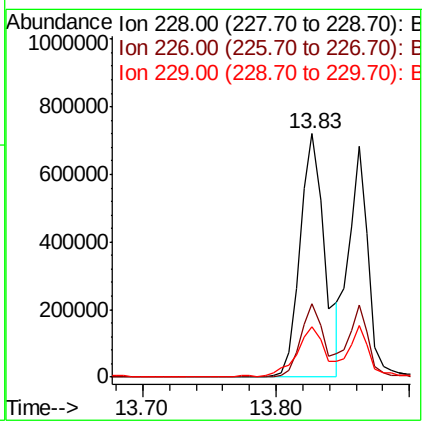


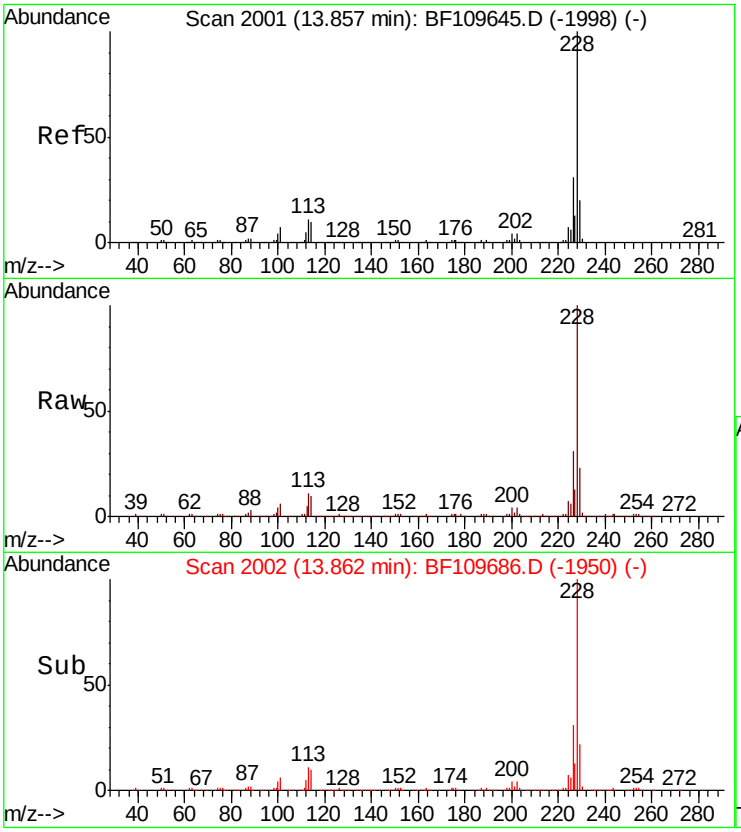


#80
Benzo(a)anthracene
Concen: 83.460 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:228 Resp: 911400

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.1	33.1
229	20.6	15.6	23.4



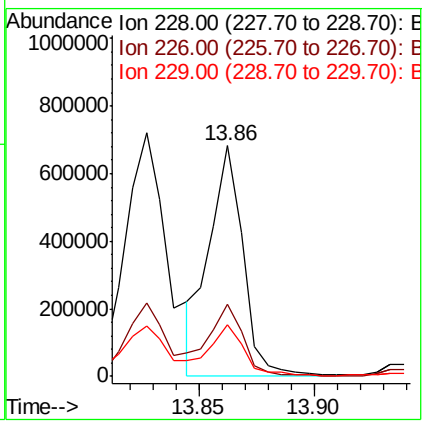


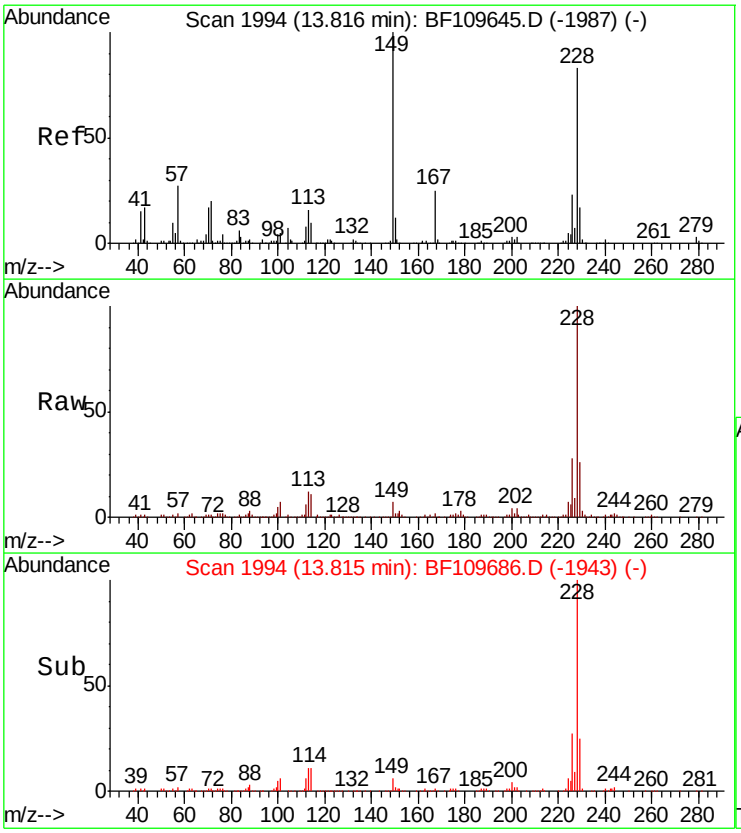
#82
Chrysene
Concen: 60.578 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 694859

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	22.6	15.9	23.9

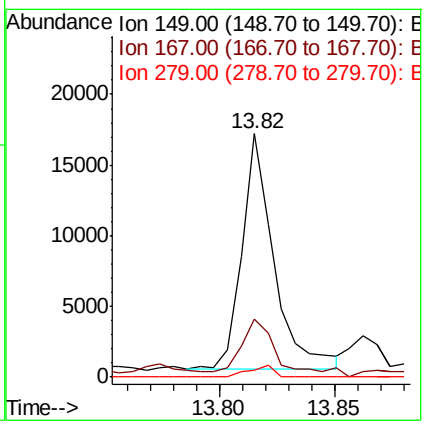


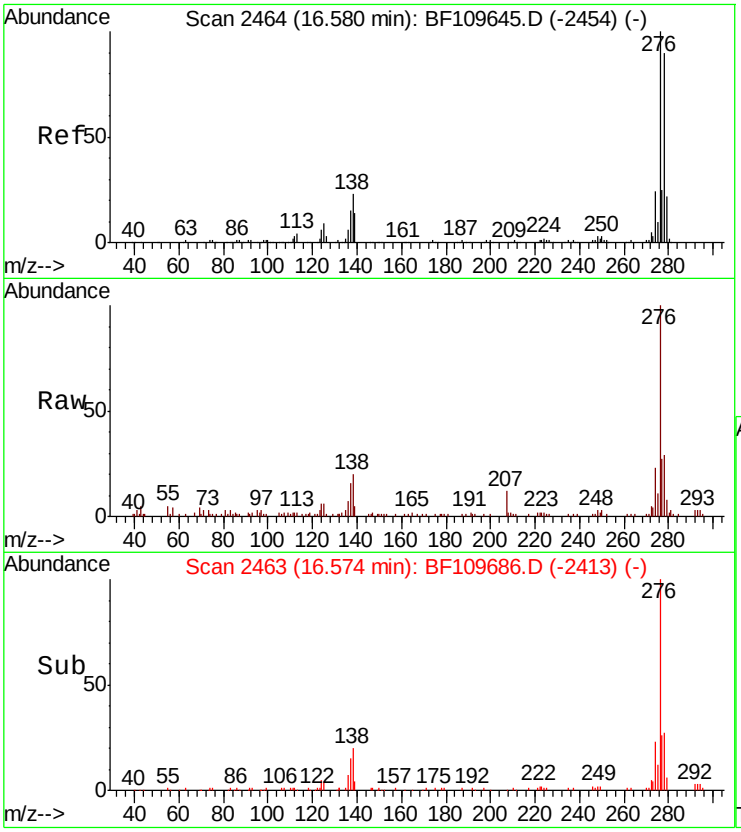


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.118 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:149 Resp: 16246

Ion	Ratio	Lower	Upper
149	100		
167	24.0	19.8	29.8
279	3.0	2.7	4.1



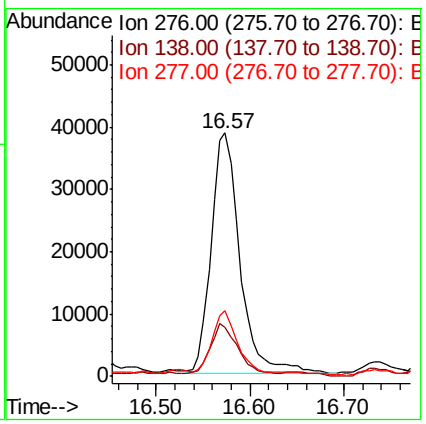


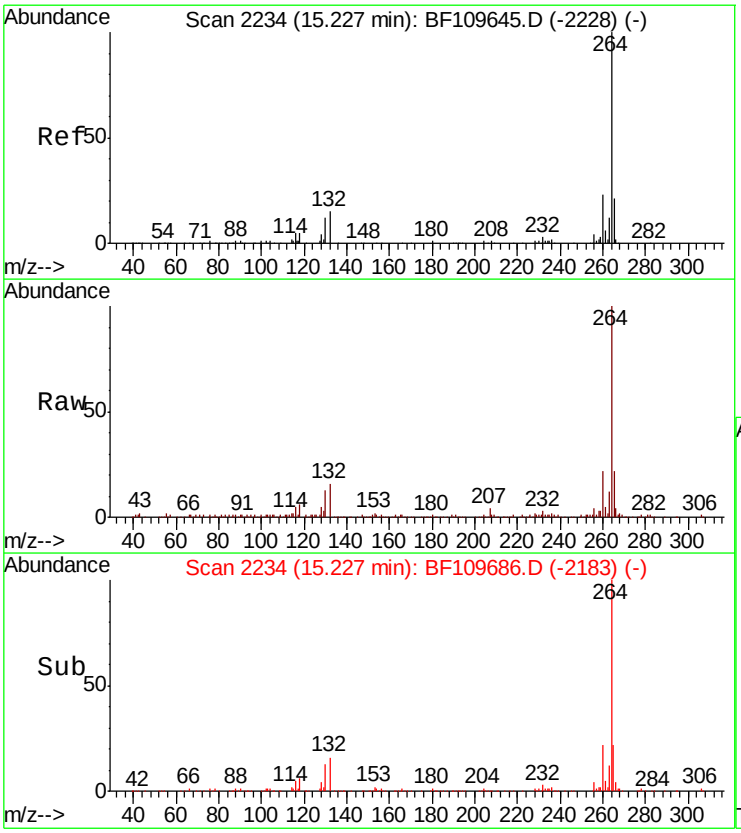
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.199 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 83739

Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.5	27.7
277	23.3	20.0	30.0

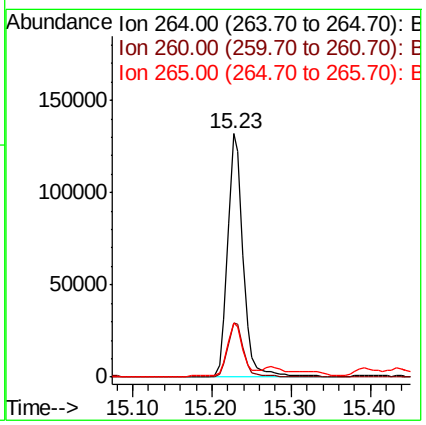


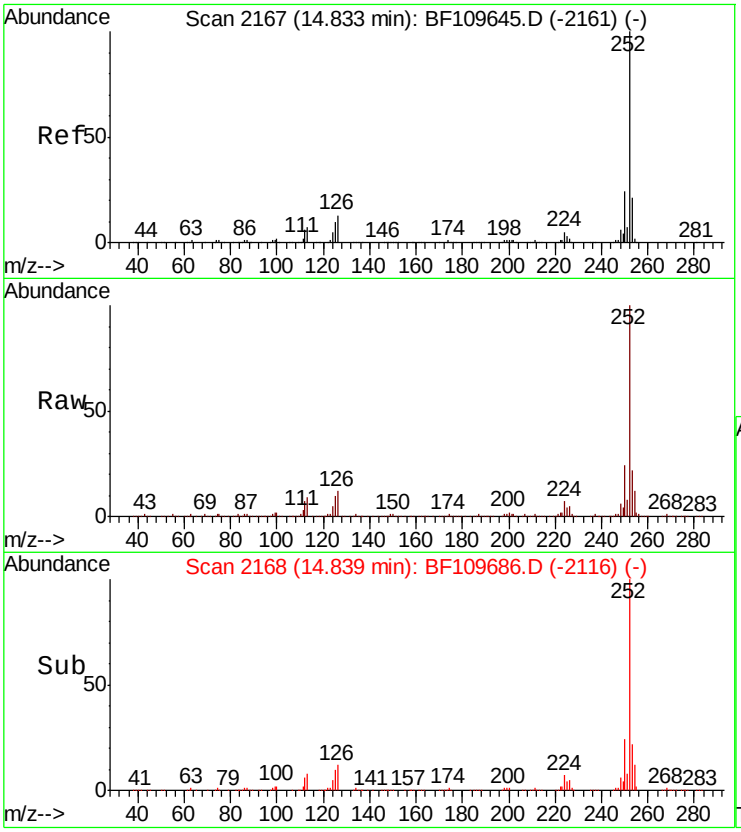


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:264 Resp: 180391

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	22.0	16.7	25.1



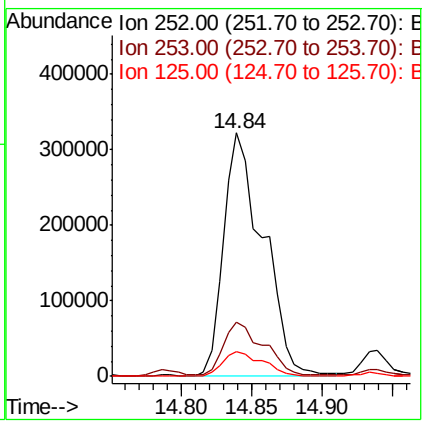


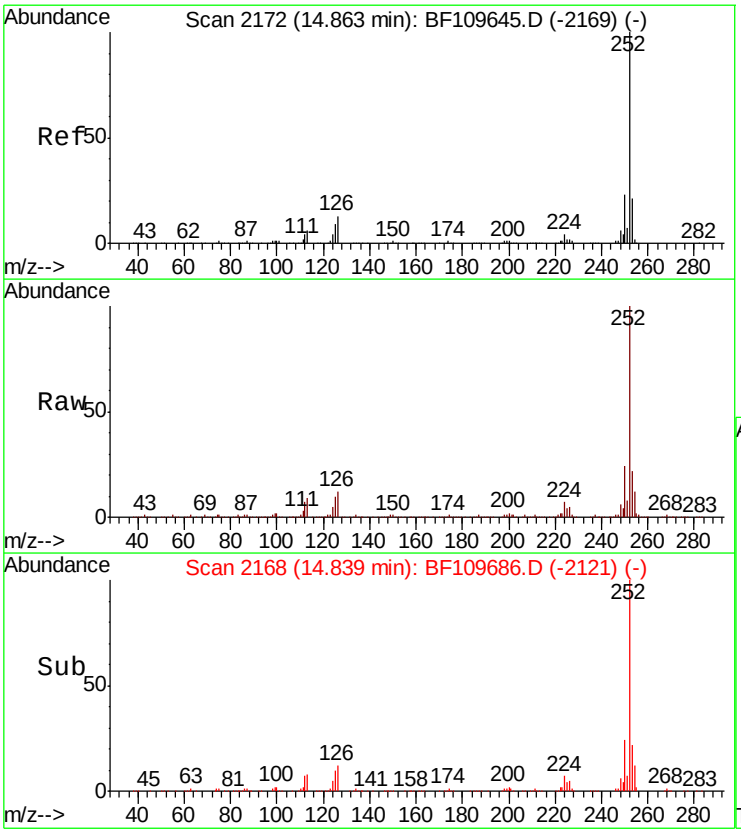
#87
Benzo(b)fluoranthene
Concen: 62.822 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 626258

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.4	8.2	12.4

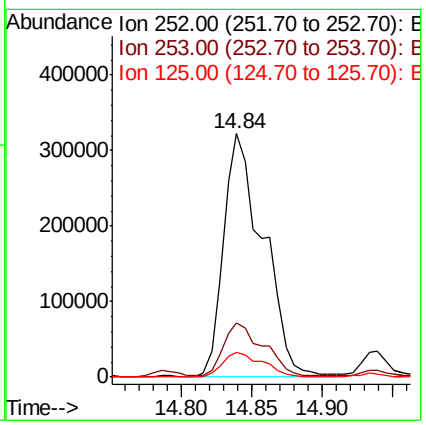


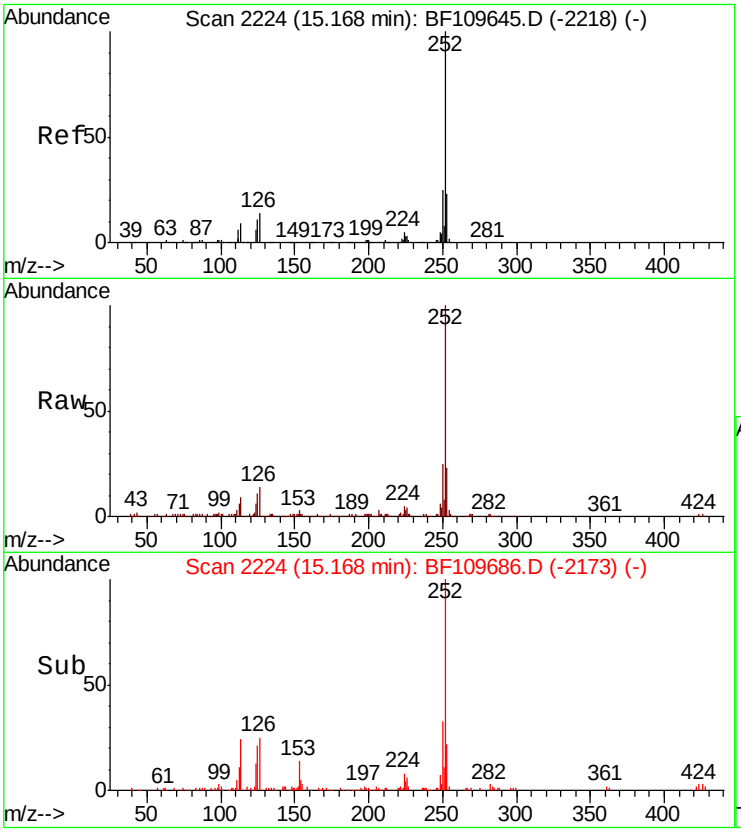


#88
Benzo(k)fluoranthene
Concen: 62.525 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:252 Resp: 626258

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.4	7.4	11.0



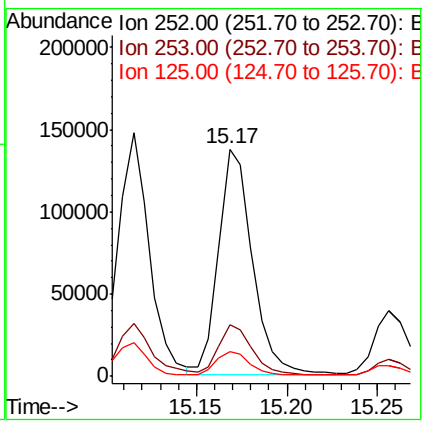


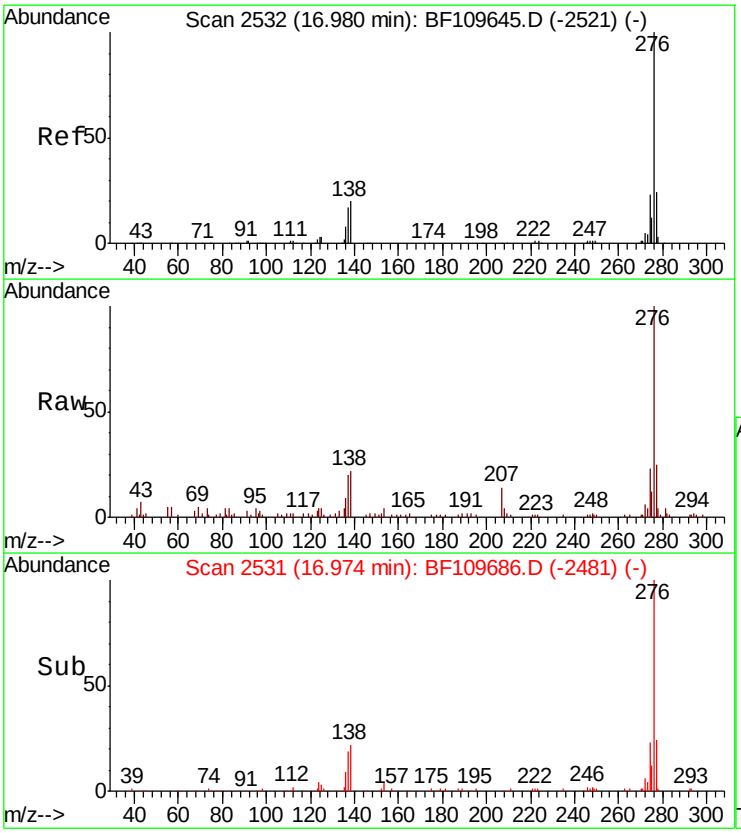
#89
Benzo(a)pyrene
Concen: 19.705 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 178260

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.7	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 8.631 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF109686.D
Acq: 9 Oct 2018 9:46

Tgt Ion:276 Resp: 64033

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	22.5	16.0	24.0