Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098926.D
Acq On : 29 Sep 2017 00:20
Operator : SJ/JU
Sample : I5481-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 00:48:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	145888	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	551460	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	208035	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	302638	20.00	ng		0.00
75) Chrysene-d12	14.09	240	265670	20.00	ng		0.00
86) Perylene-d12	15.58	264	223578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	457951	49.97	ng		0.00
7) Phenol-d6	6.53	99	536370	47.44	ng		-0.01
23) Nitrobenzene-d5	7.47	82	318294	37.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	69209	40.66	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	534921	42.93	ng		-0.01
78) Terphenyl-d14	13.03	244	356207	30.49	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.44	117	9035	2.27	ng	#	1
22) Acetophenone	7.30	105	35357	2.65	ng	#	59
48) Acenaphthylene	9.82	152	63879	3.11	ng		99
49) Dimethylphthalate	9.66	163	85983	5.48	ng	#	97
53) 2,4-Dinitrophenol	10.24	184	122	5.89	ng	#	50
70) Phenanthrene	11.46	178	33185	2.05	ng		97
71) Anthracene	11.52	178	41928	2.53	ng		99
74) Fluoranthene	12.66	202	89228	5.44	ng		97
77) Pyrene	12.89	202	101463	5.01	ng		97
80) Benzo(a)anthracene	14.11	228	95289	5.92	ng		96
82) Chrysene	14.11	228	95289	6.22	ng		95
85) Indeno(1,2,3-cd)pyrene	17.09	276	65625	5.36	ng		98
87) Benzo(b)fluoranthene	15.14	252	187891	13.67	ng	#	90
88) Benzo(k)fluoranthene	15.14	252	187891	13.84	ng	#	92
89) Benzo(a)pyrene	15.52	252	94675	7.50	ng	#	89
91) Benzo(g,h,i)perylene	17.56	276	66733	6.69	ng		94

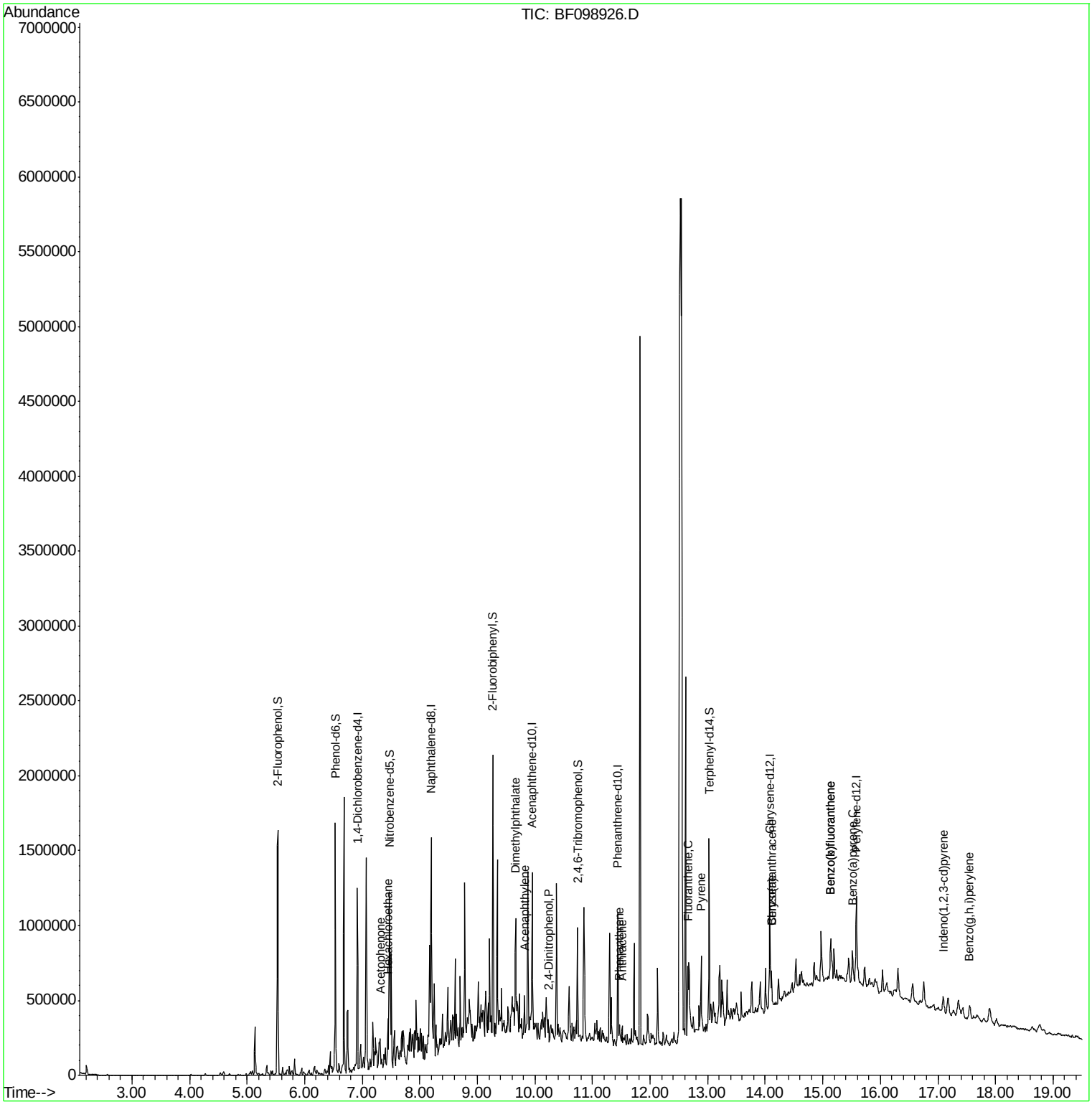
(#) = qualifier out of range (m) = manual integration (+) = signals summed

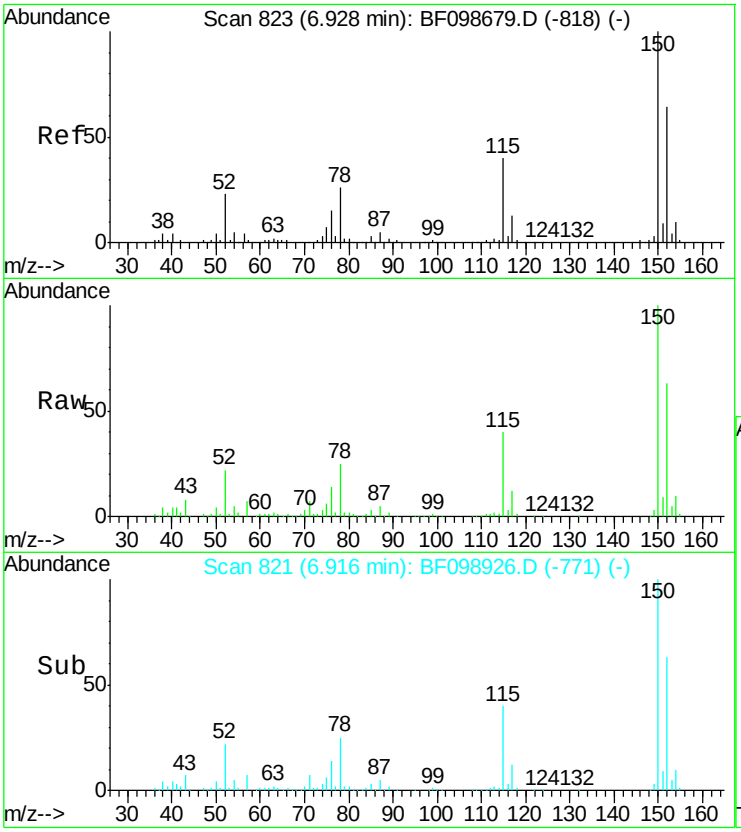
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098926.D
Acq On : 29 Sep 2017 00:20
Operator : SJ/JU
Sample : I5481-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 00:48:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



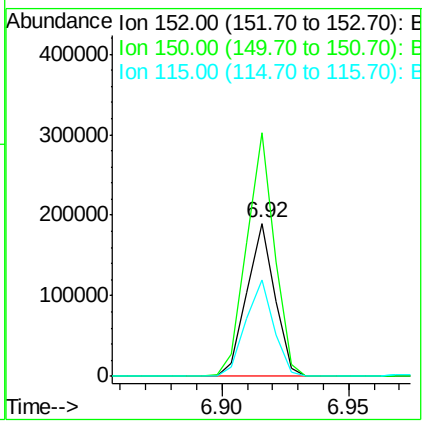


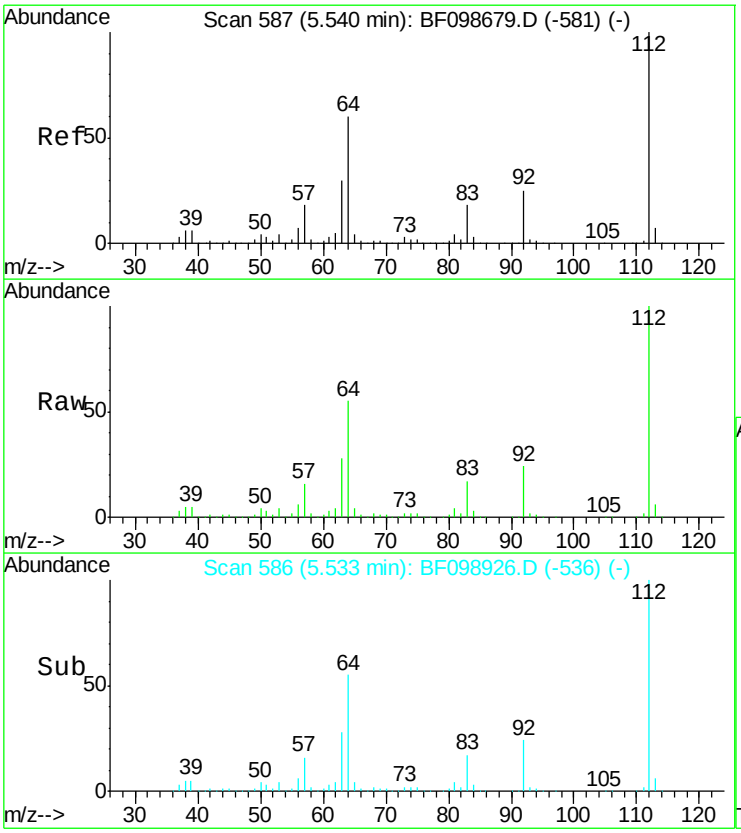
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145888

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	63.2	50.1	75.1

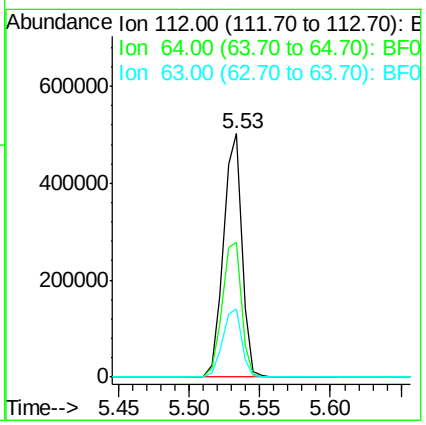


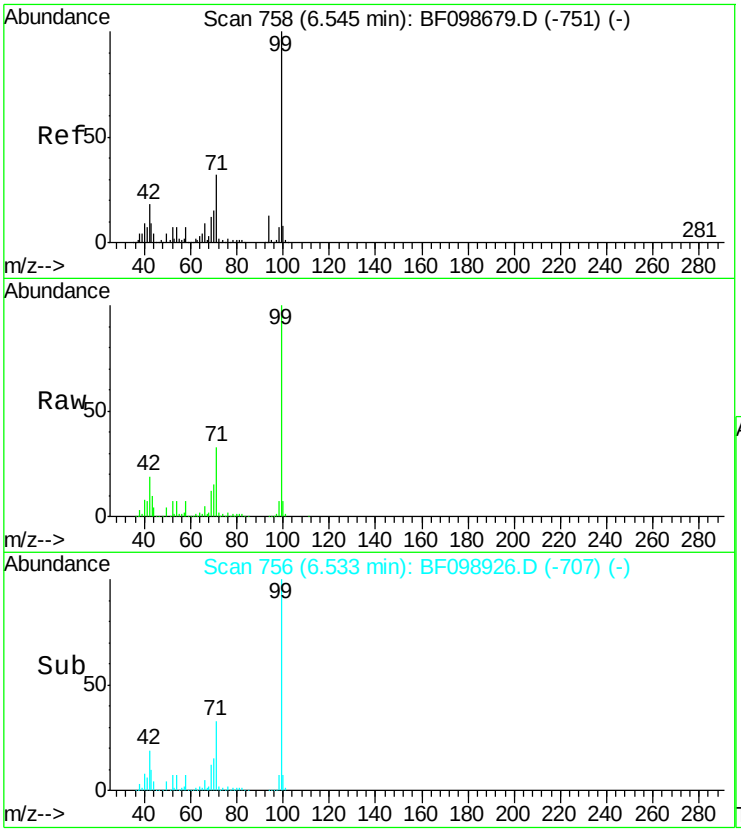


#5
2-Fluorophenol
Concen: 49.97 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:112 Resp: 457951

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.9	23.7	35.5



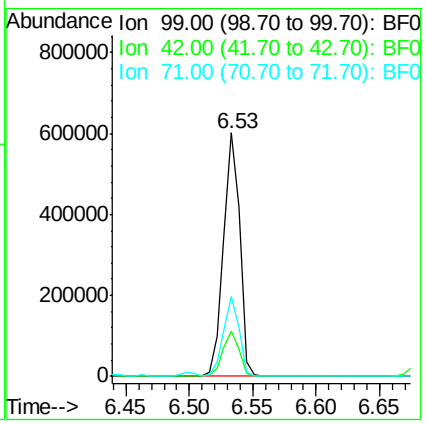


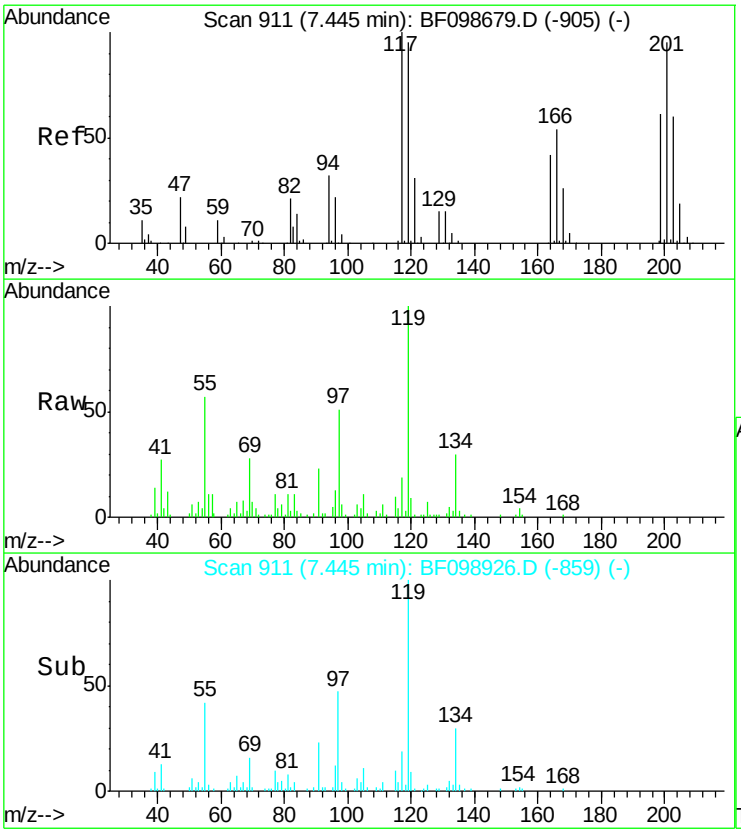
#7
Phenol-d6
Concen: 47.44 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 536370

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.7	25.4	38.0

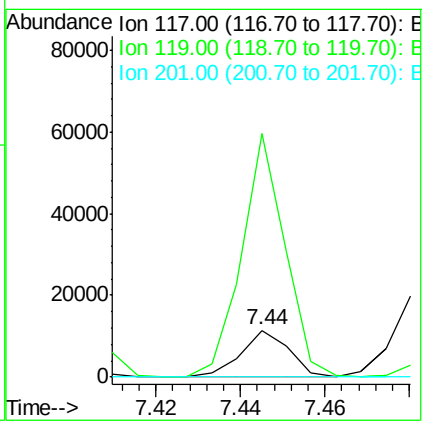


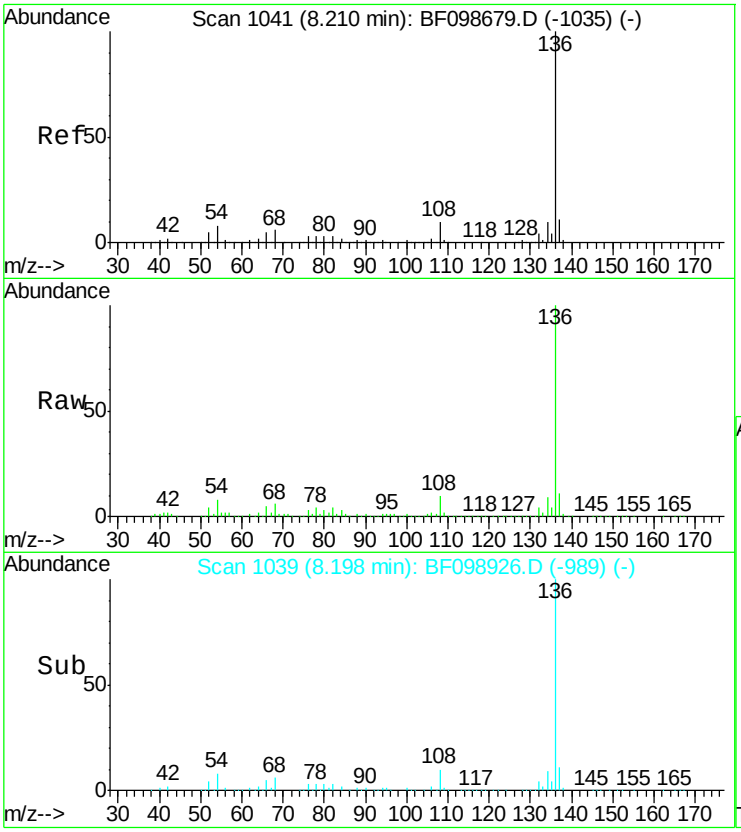


#18
Hexachloroethane
Concen: 2.27 ng
RT: 7.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:117 Resp: 9035

Ion	Ratio	Lower	Upper
117	100		
119	523.3	75.8	113.8#
201	0.0	75.7	113.5#



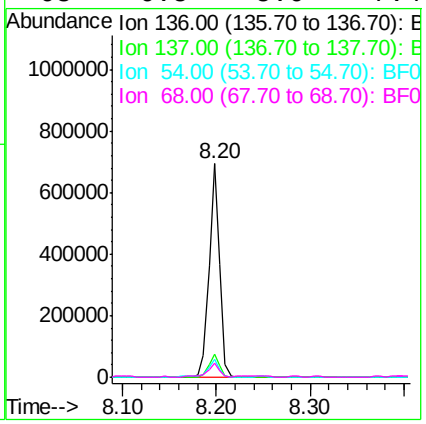


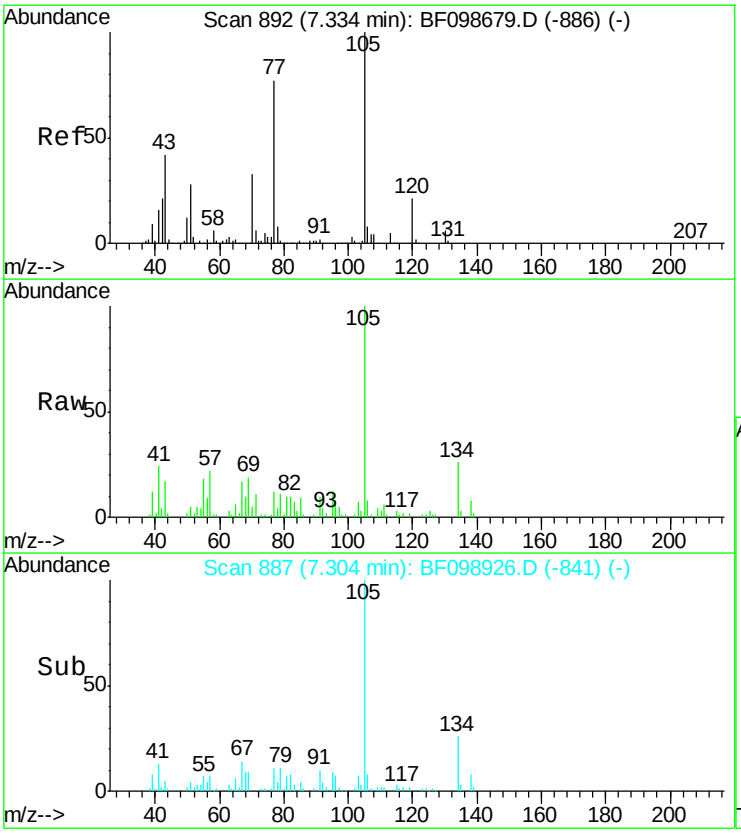
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 551460

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	6.6	9.8
68	6.5	5.0	7.4

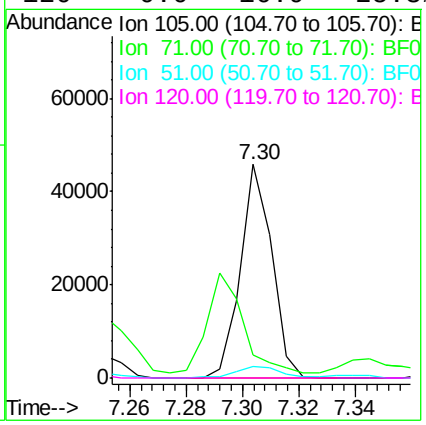


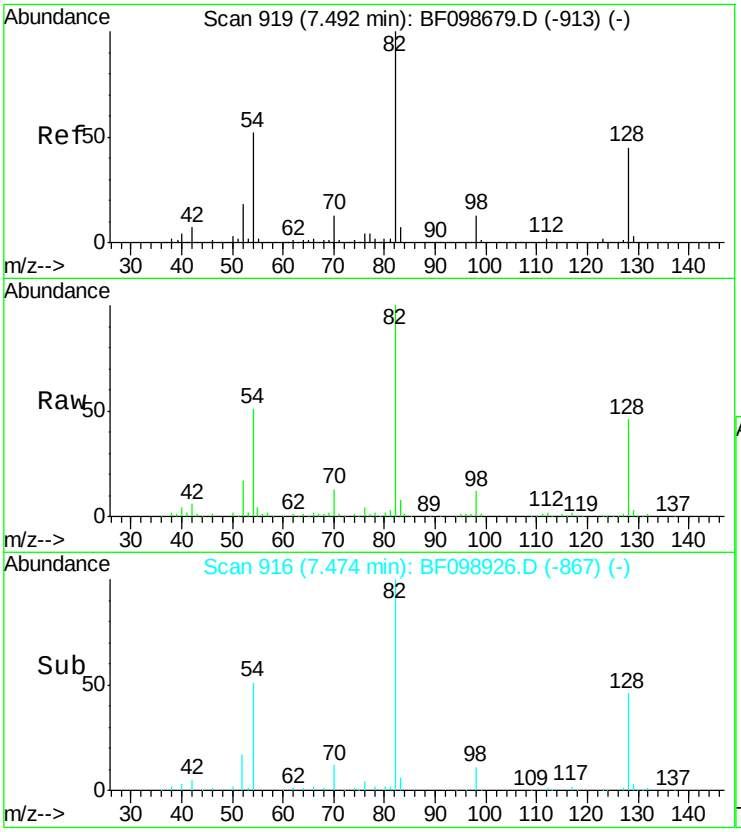


#22
Acetophenone
Concen: 2.65 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:105 Resp: 35357

Ion	Ratio	Lower	Upper
105	100		
71	10.9	4.4	6.6#
51	5.2	22.3	33.5#
120	0.0	16.9	25.3#



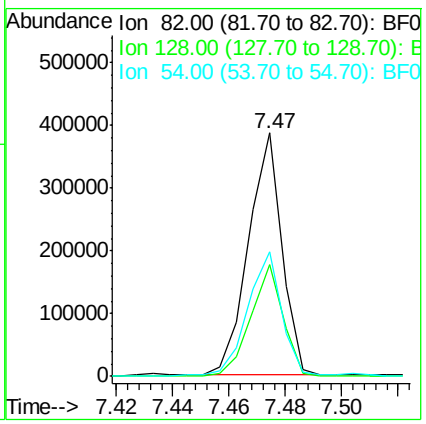


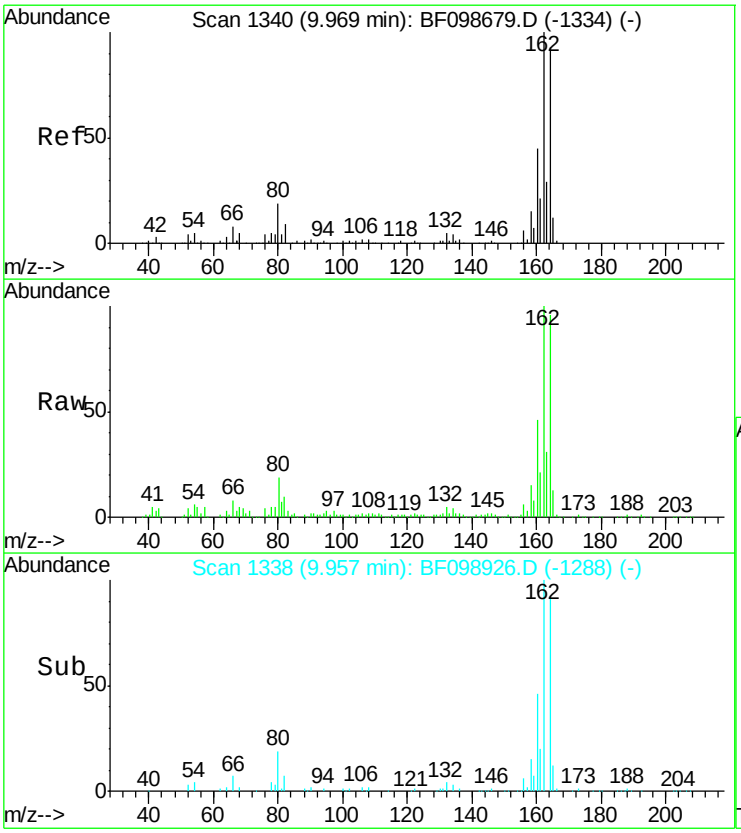
#23
Nitrobenzene-d5
Concen: 37.01 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 318294

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	51.2	41.4	62.2

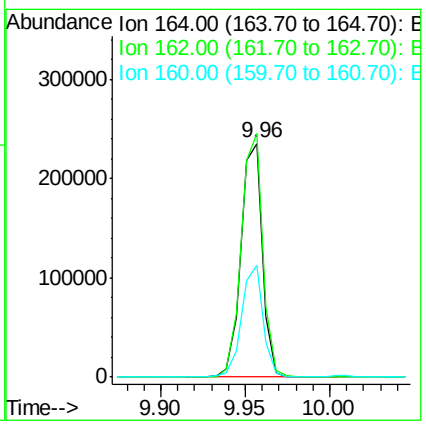


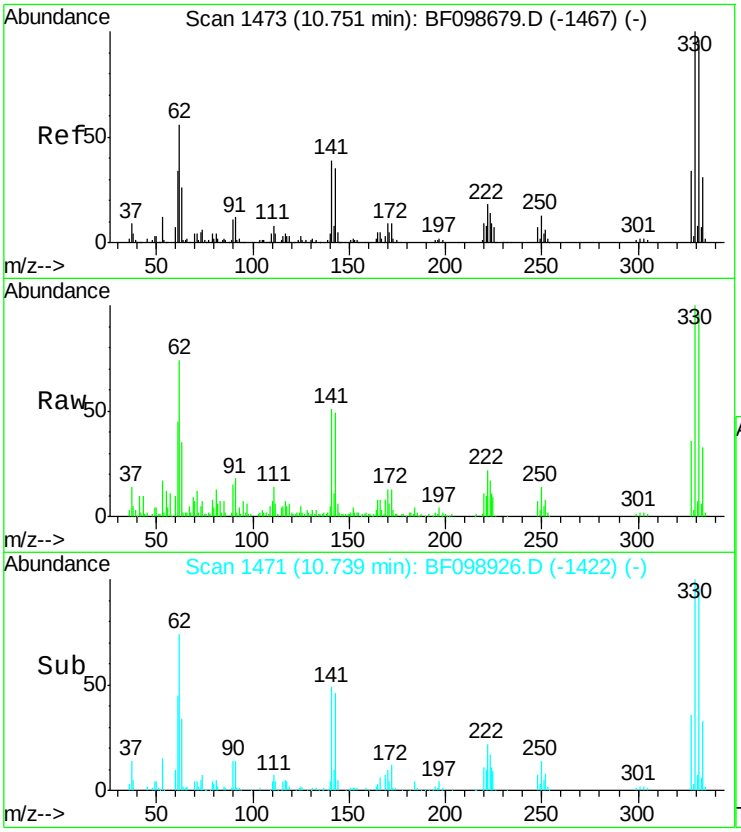


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:164 Resp: 208035

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.7	38.3	57.5



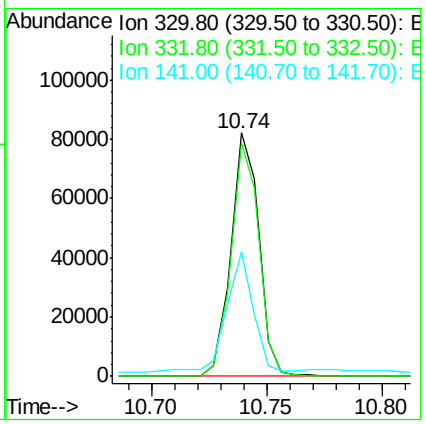


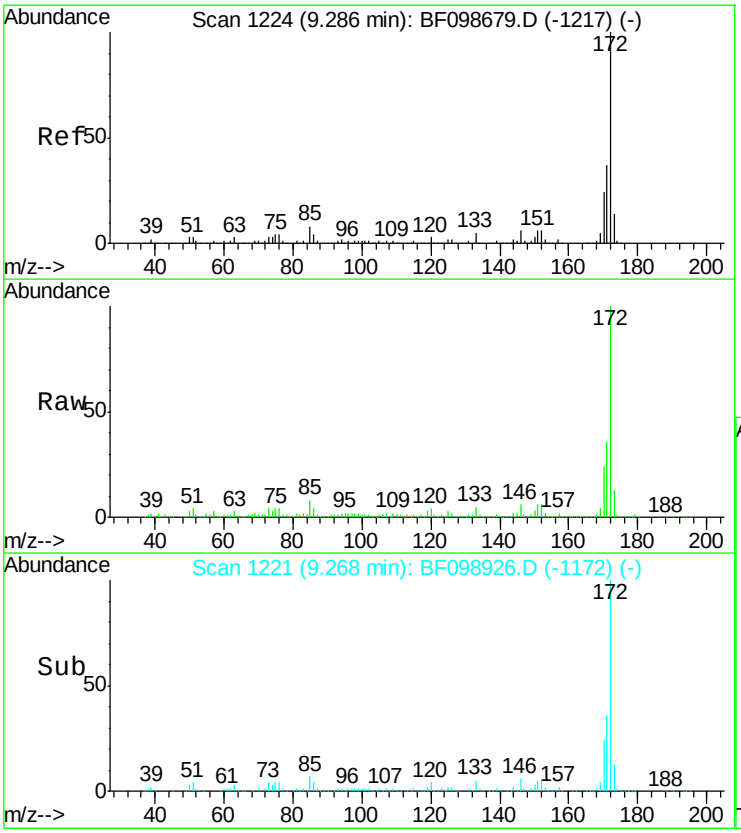
#41
2,4,6-Tribromophenol
Concen: 40.66 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 69209

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	48.1	29.9	44.9#

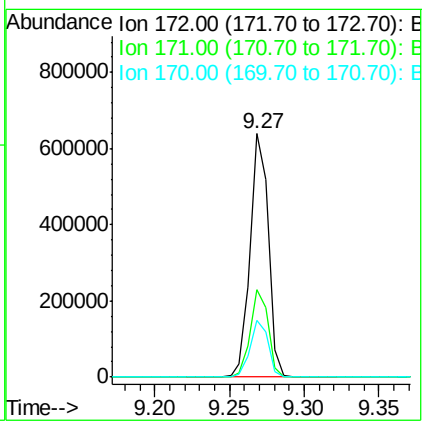


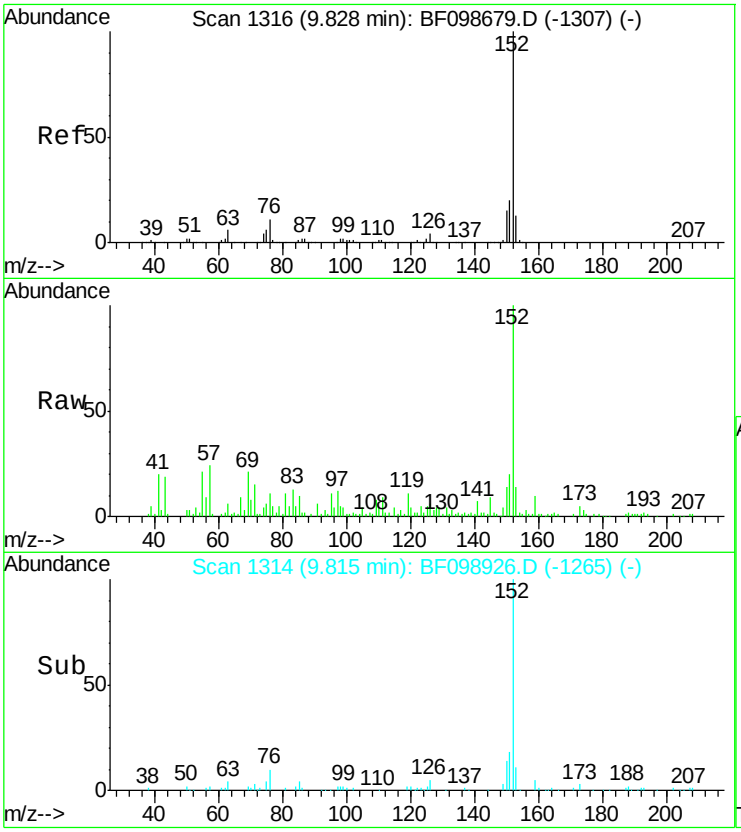


#44
2-Fluorobiphenyl
Concen: 42.93 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:172 Resp: 534921

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4



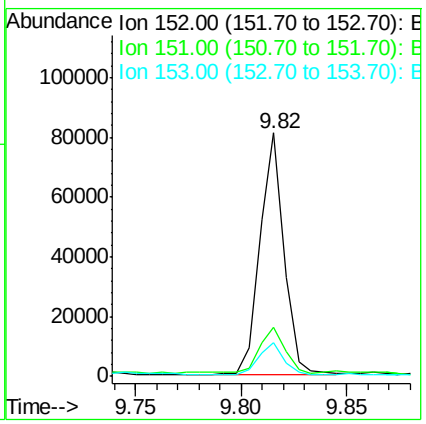


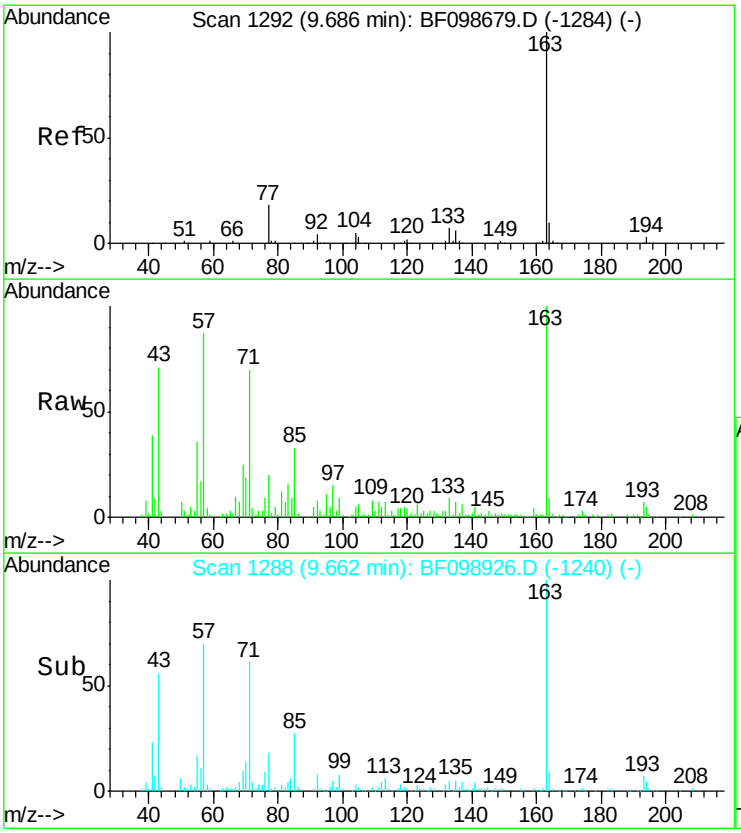
#48
Acenaphthylene
Concen: 3.11 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63879

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.8	10.7	16.1

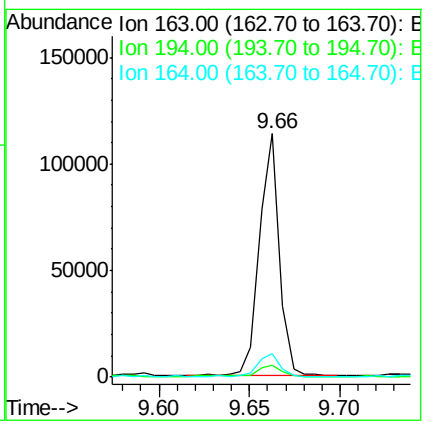


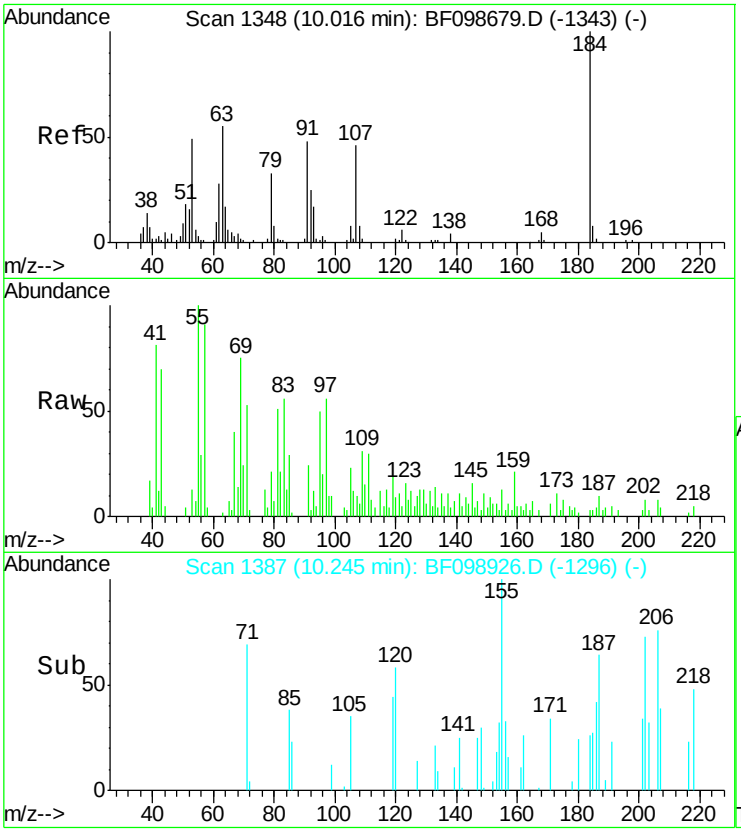


#49
Dimethylphthalate
Concen: 5.48 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:163 Resp: 85983

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	9.5	8.2	12.2



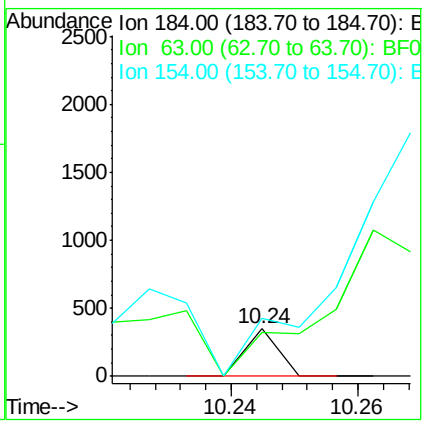


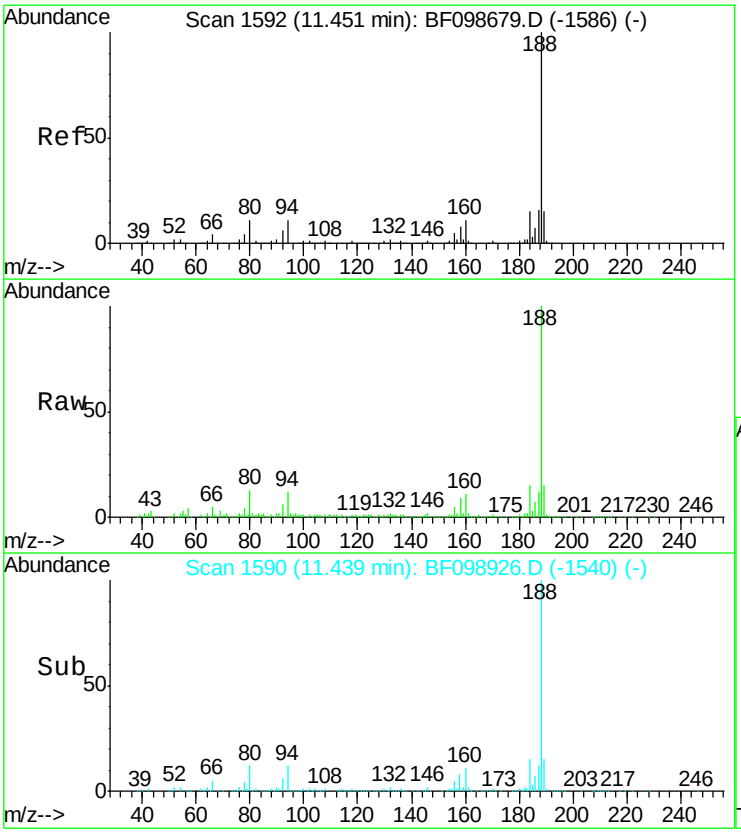
#53
2,4-Dinitrophenol
Concen: 5.89 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.24 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 122

Ion	Ratio	Lower	Upper
184	100		
63	91.9	54.2	81.2#
154	123.6	53.5	80.3#

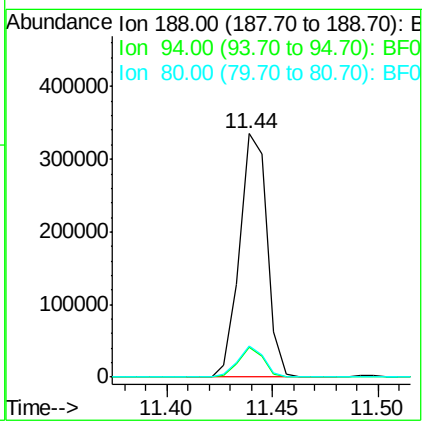


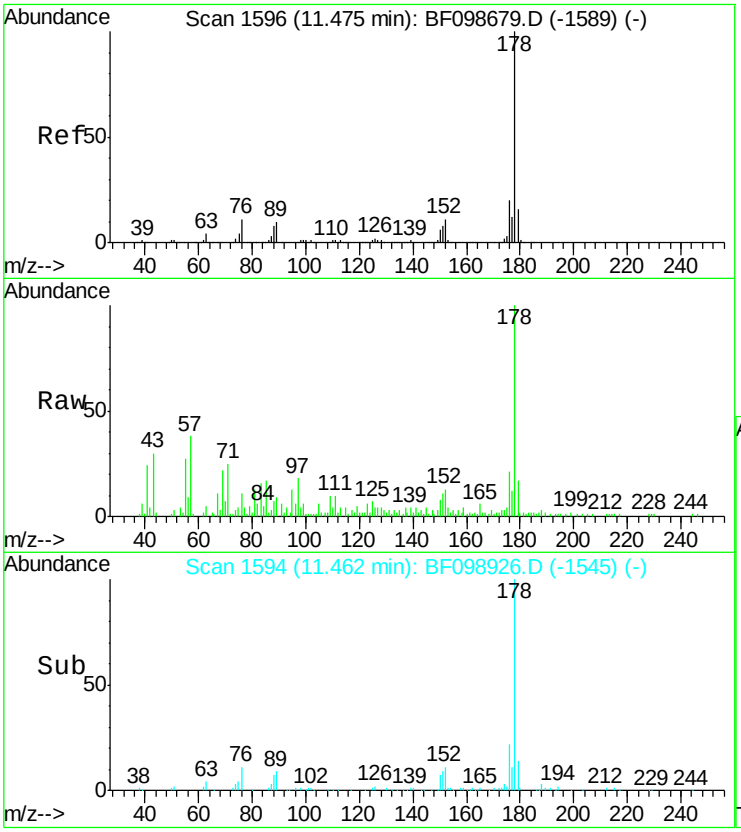


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:188 Resp: 302638

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	12.6	9.2	13.8



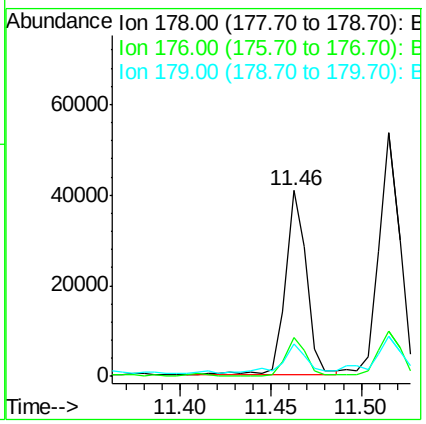


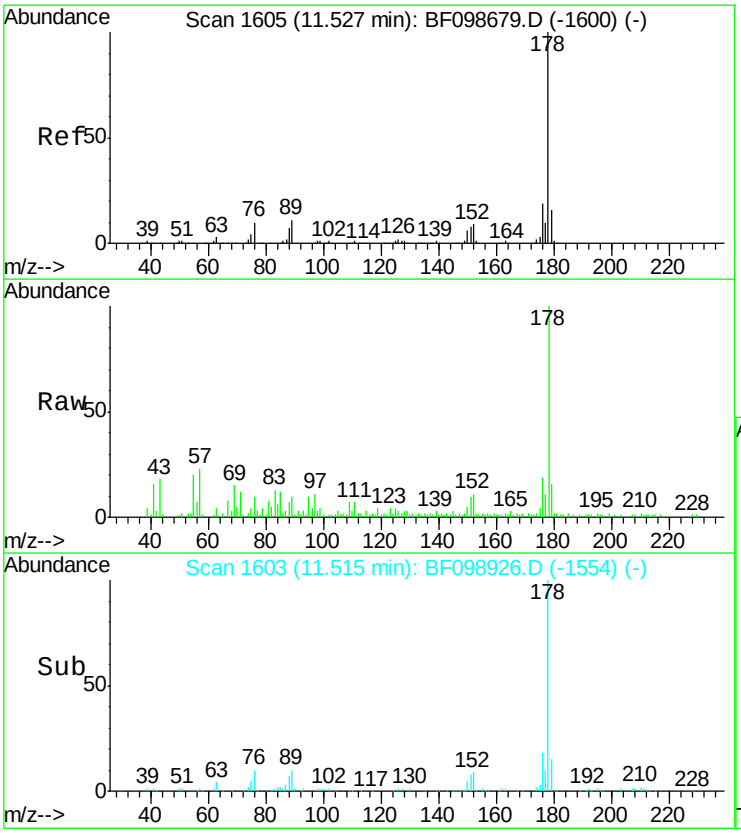
#70
Phenanthrene
Concen: 2.05 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 33185

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	17.3	13.0	19.6

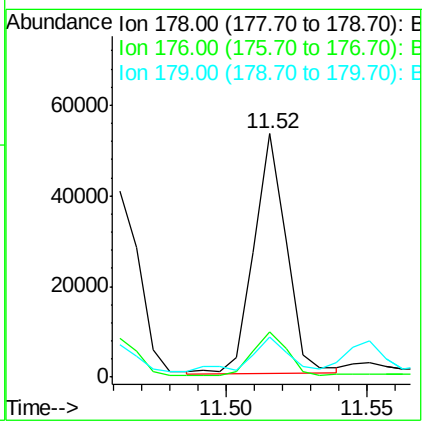


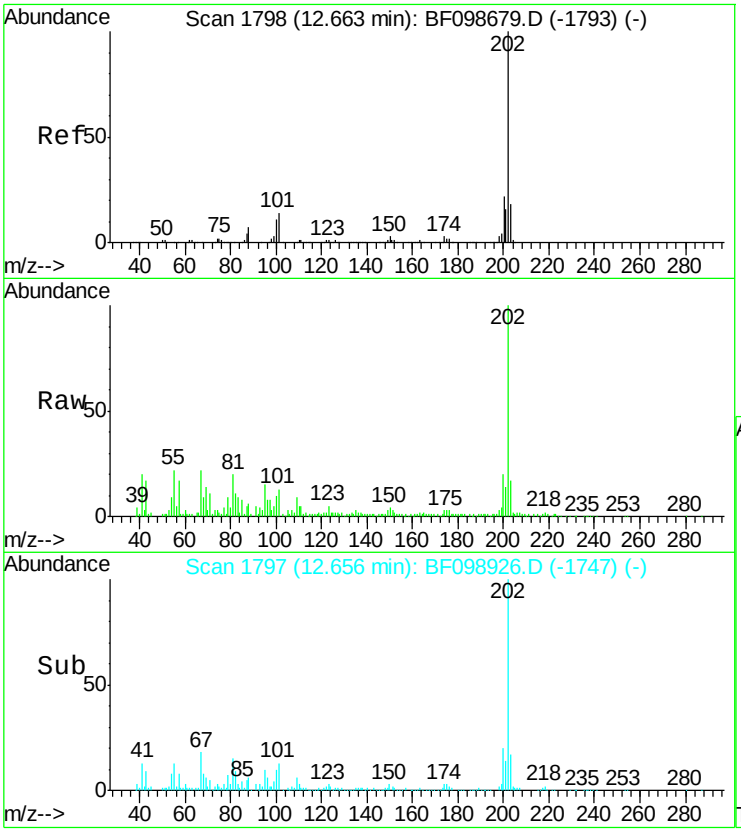


#71
Anthracene
Concen: 2.53 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:178 Resp: 41928

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.3	12.6	19.0



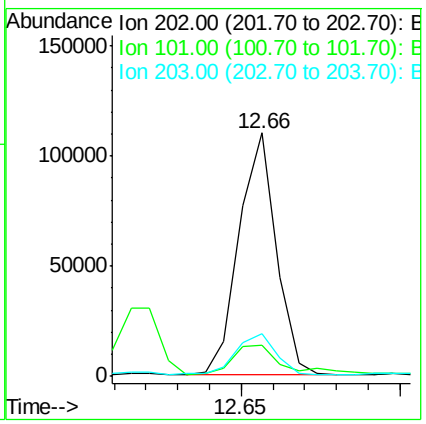


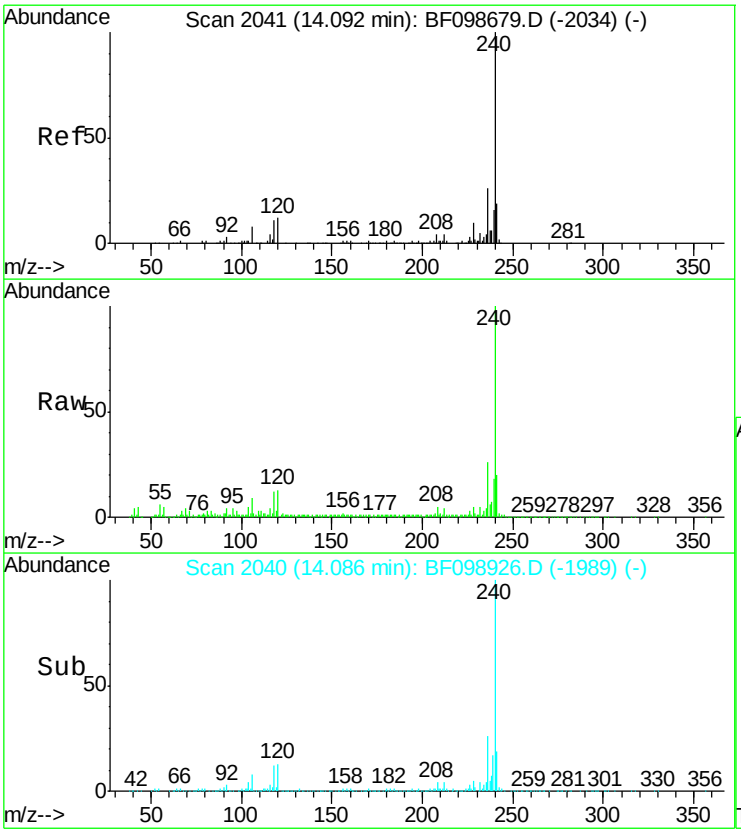
#74
Fluoranthene
Concen: 5.44 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 89228

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.4	0.0	38.1

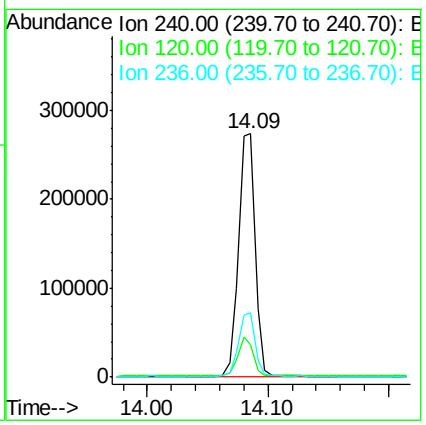


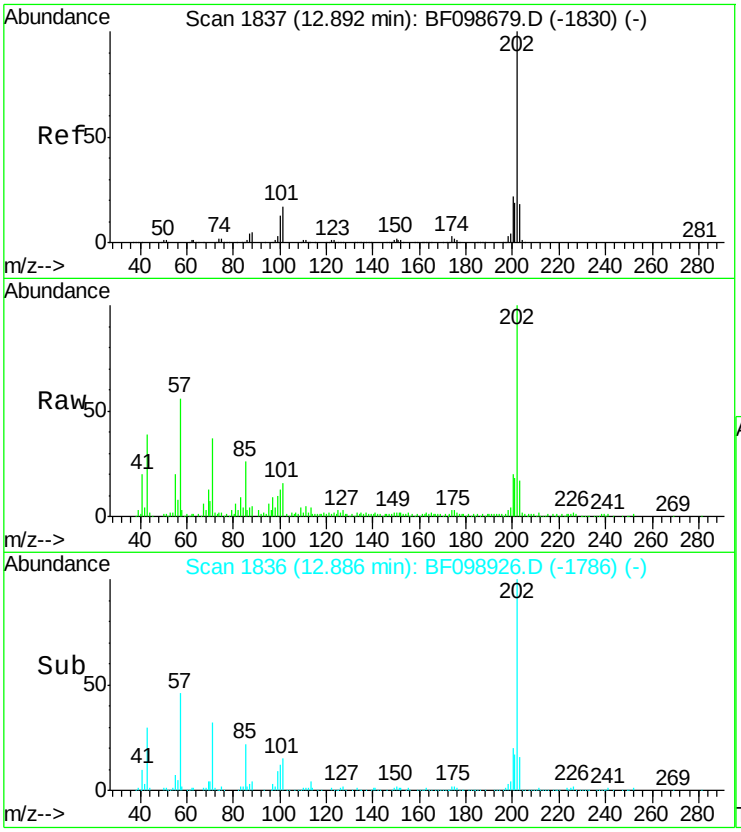


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:240 Resp: 265670

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.4	20.7	31.1



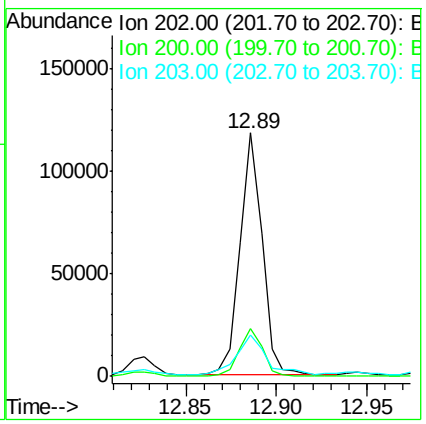


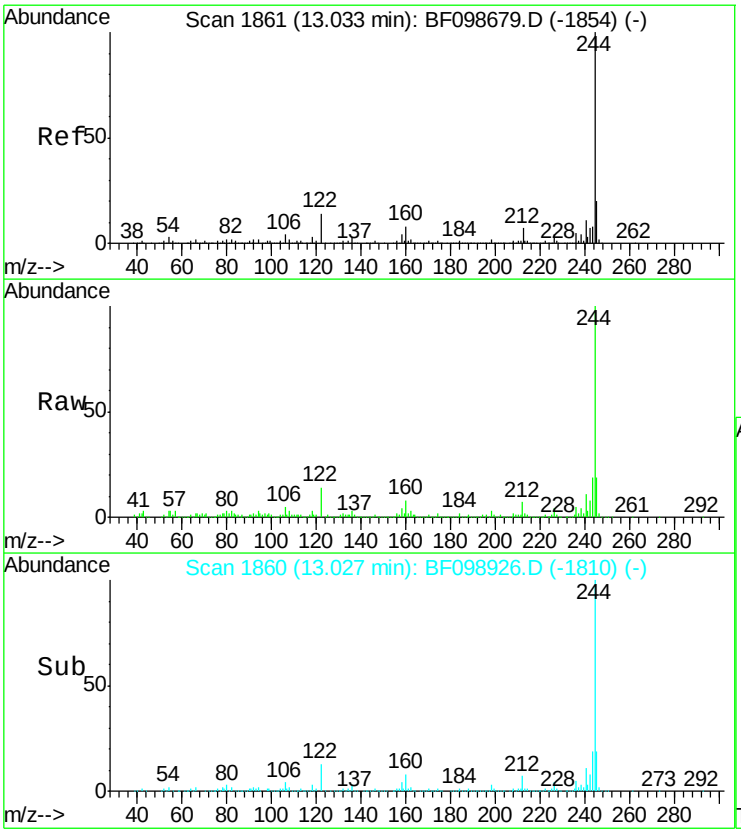
#77
Pyrene
Concen: 5.01 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 101463

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.0	14.3	21.5

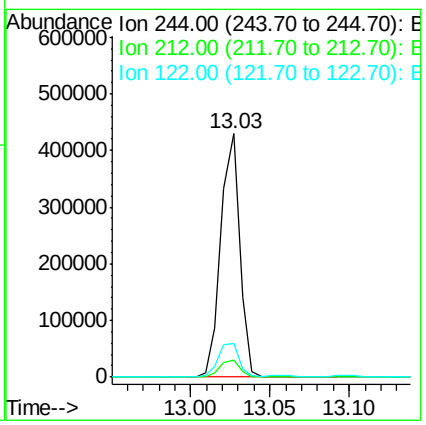


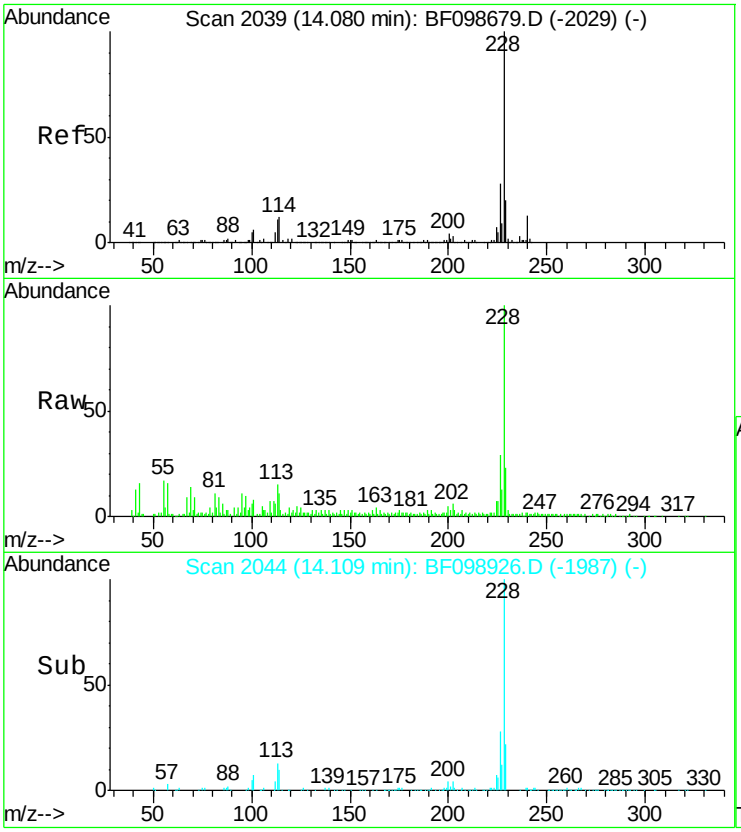


#78
Terphenyl-d14
Concen: 30.49 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:244 Resp: 356207

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4



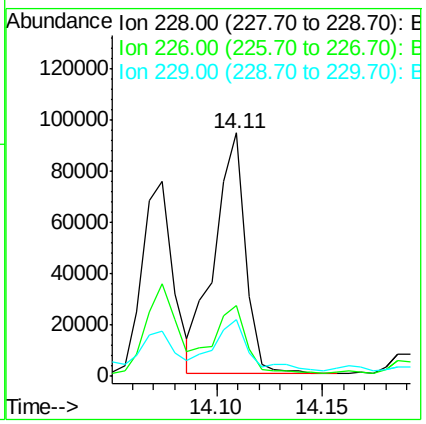


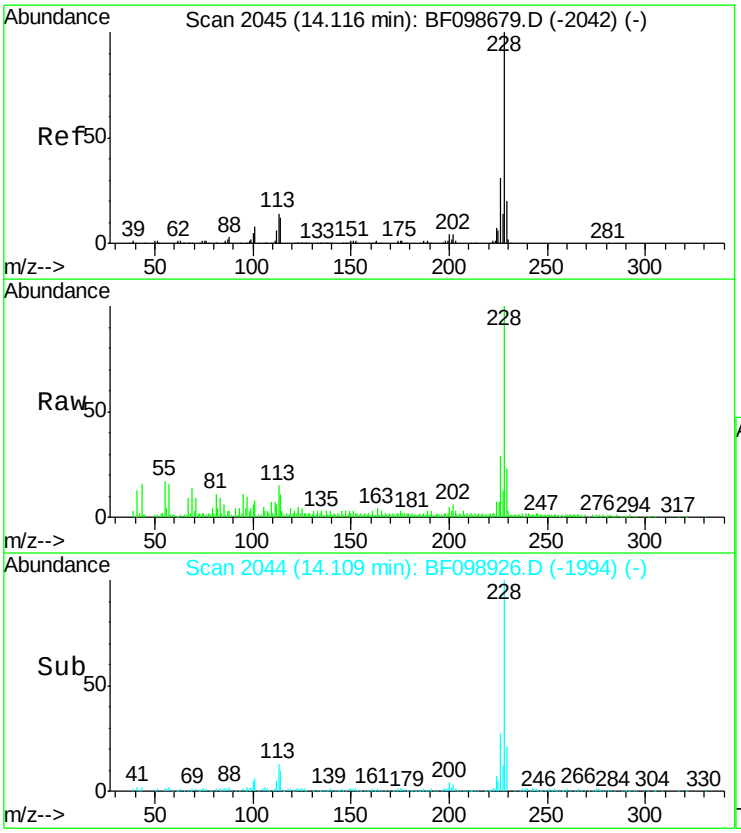
#80
Benzo(a)anthracene
Concen: 5.92 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.03 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 95289

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	23.4	15.8	23.6

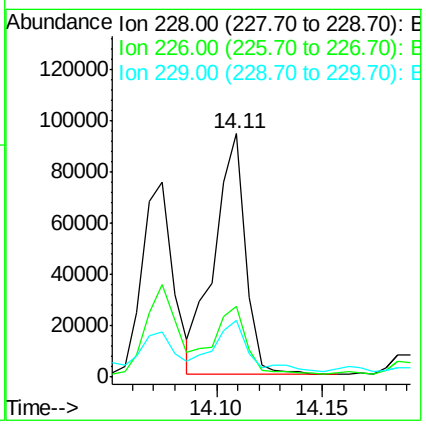


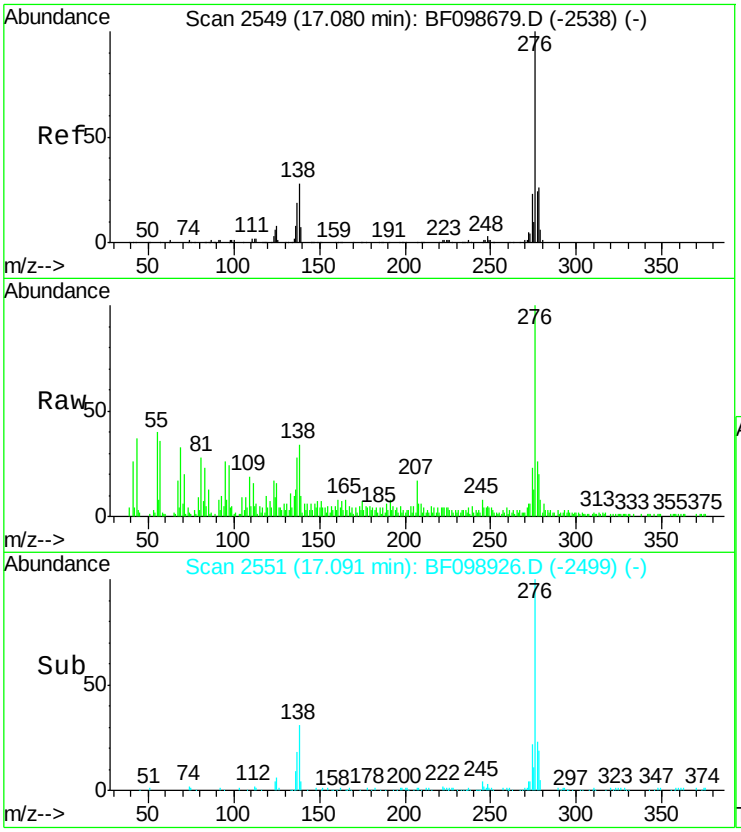


#82
Chrysene
Concen: 6.22 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:228 Resp: 95289

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	23.4	16.2	24.4



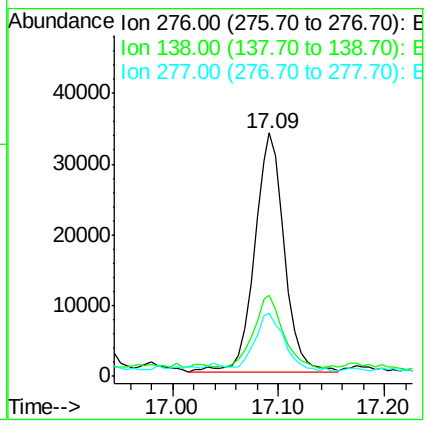


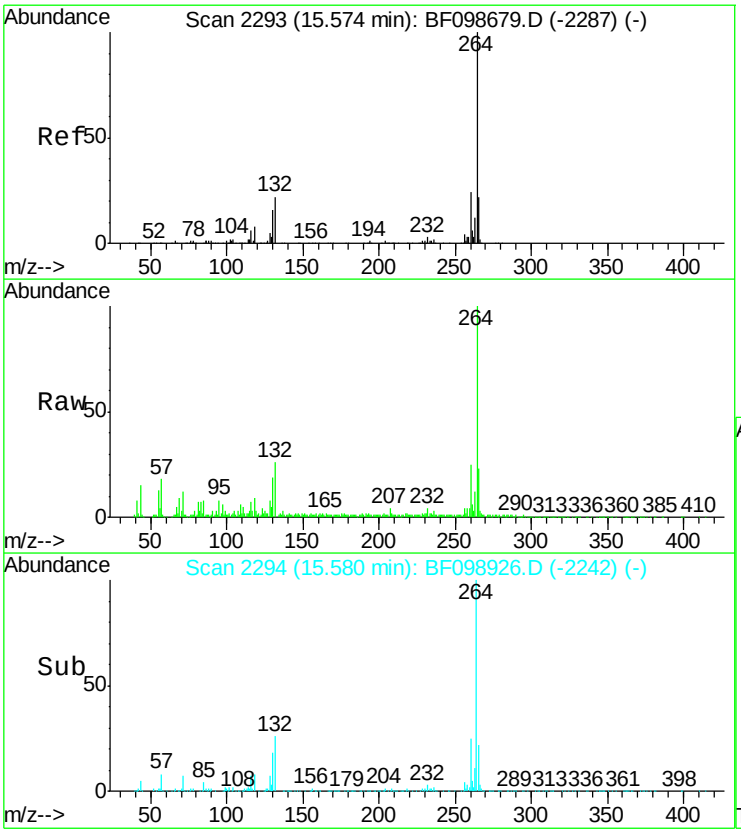
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.36 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 65625

Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	24.7	20.1	30.1

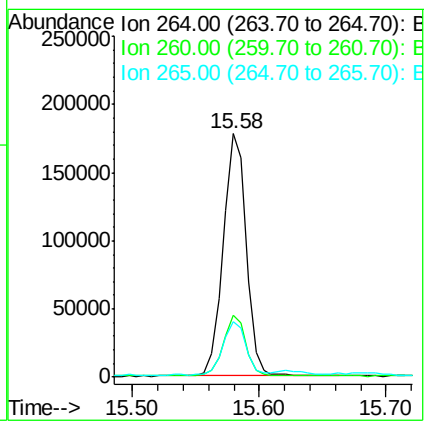


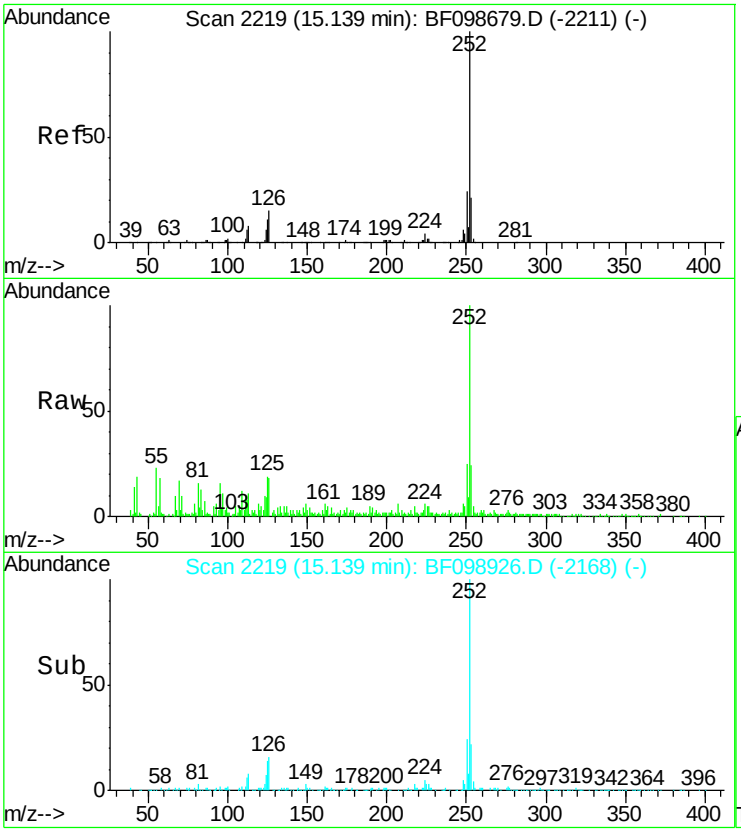


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:264 Resp: 223578

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.6	17.5	26.3



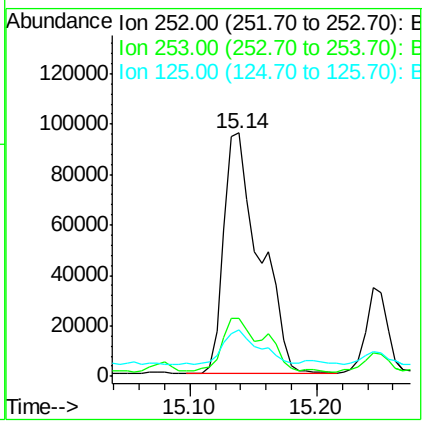


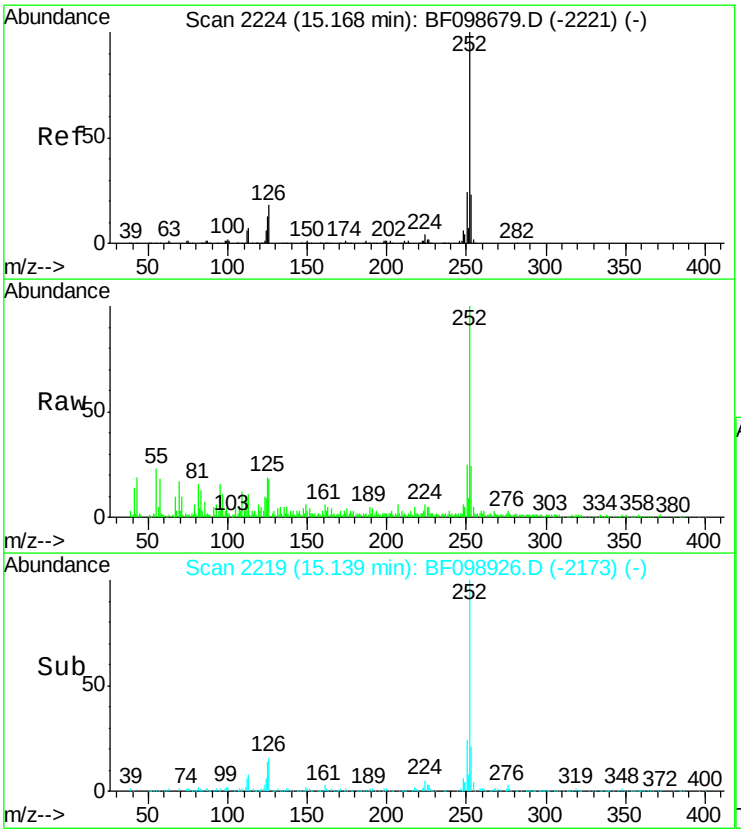
#87
Benzo(b)fluoranthene
Concen: 13.67 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 187891

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	19.2	9.0	13.6#

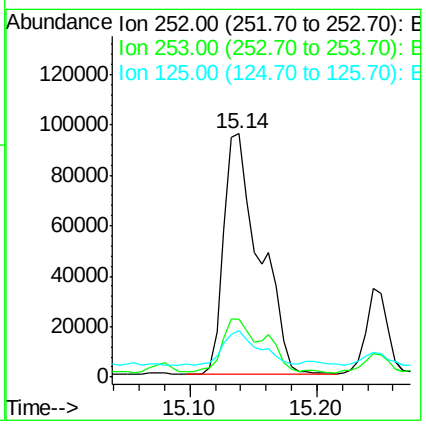


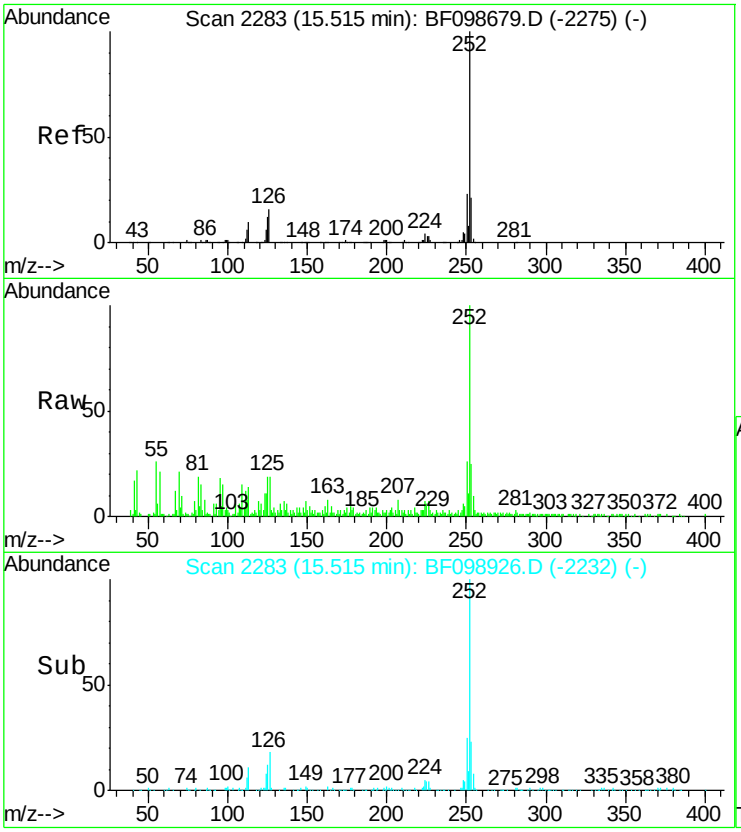


#88
Benzo(k)fluoranthene
Concen: 13.84 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:252 Resp: 187891

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	19.2	10.2	15.2#



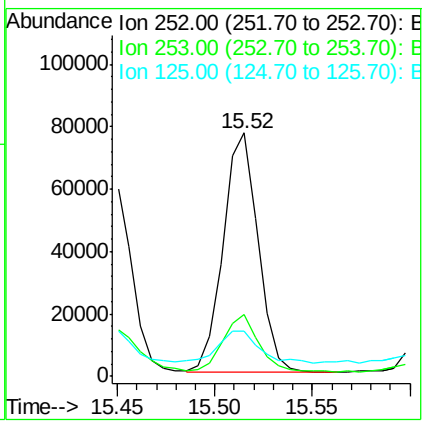


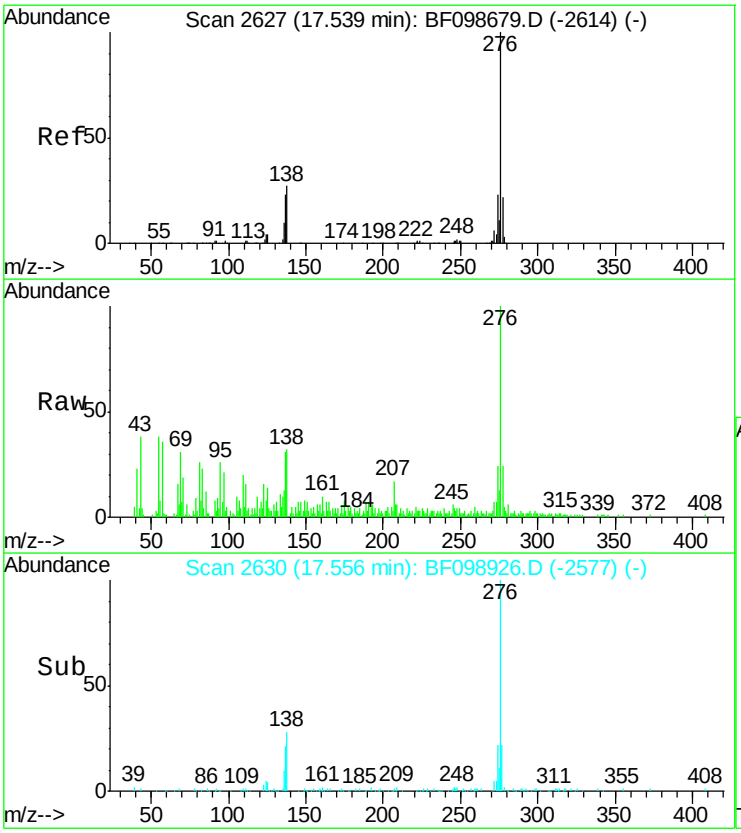
#89
Benzo(a)pyrene
Concen: 7.50 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 94675

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	18.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.69 ng
RT: 17.56 min Scan# 2630
Delta R.T. 0.01 min
Lab File: BF098926.D
Acq: 29 Sep 2017 00:20

Tgt Ion:276 Resp: 66733

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	32.0	21.8	32.8