Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099398.D
Acq On : 12 Oct 2017 16:50
Operator : SJ/JU
Sample : I5637-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 01:07:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115330	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	476751	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	217719	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	377701	20.00	ng		0.00
75) Chrysene-d12	14.02	240	194871	20.00	ng		0.00
86) Perylene-d12	15.49	264	211293	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	860522	118.78	ng		0.01
7) Phenol-d6	6.49	99	1065616	119.23	ng		0.00
23) Nitrobenzene-d5	7.42	82	626051	84.21	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	219823	123.39	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	918340	70.42	ng		0.00
78) Terphenyl-d14	12.96	244	712649	83.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	16624	3.21	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	80532	14.11	ng	#	75
25) Isophorone	7.42	82	626042	40.73	ng	#	64
37) 2-Methylnaphthalene	8.85	142	32987	2.27	ng		95
49) Dimethylphthalate	9.60	163	239427	14.57	ng		100
51) Acenaphthene	9.92	154	58520	4.30	ng		98
53) 2,4-Dinitrophenol	9.92	184	503	6.08	ng	#	1
54) Dibenzofuran	10.09	168	44026	2.43	ng	#	97
57) Fluorene	10.43	166	96339	6.61	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	14905	4.03	ng	#	1
70) Phenanthrene	11.40	178	1251496	61.90	ng		99
71) Anthracene	11.45	178	182340	8.81	ng		97
72) Carbazole	11.61	167	55089	2.72	ng		98
74) Fluoranthene	12.60	202	1080243	52.77	ng		98
77) Pyrene	12.83	202	1237875	83.30	ng		99
80) Benzo(a)anthracene	14.01	228	429925	36.43	ng		99
82) Chrysene	14.04	228	472165	42.03	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	205742	22.89	ng		98
87) Benzo(b)fluoranthene	15.06	252	566627	43.62	ng	#	94
88) Benzo(k)fluoranthene	15.06	252	566627	44.16	ng		97
89) Benzo(a)pyrene	15.43	252	343412	28.80	ng	#	95
90) Dibenzo(a,h)anthracene	17.14	278	46062	4.83	ng		96
91) Benzo(g,h,i)perylene	17.42	276	219618	23.28	ng		94

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

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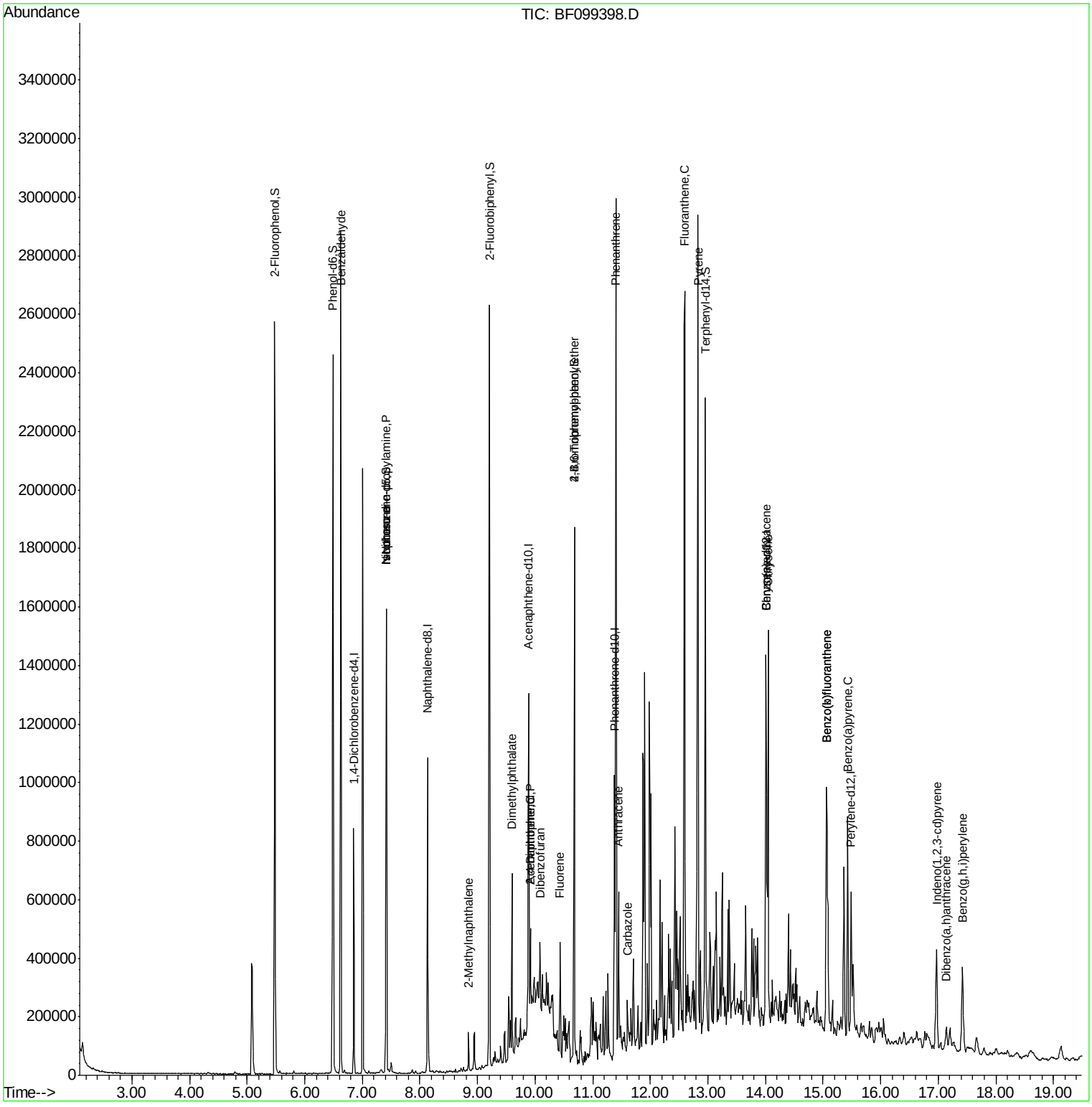
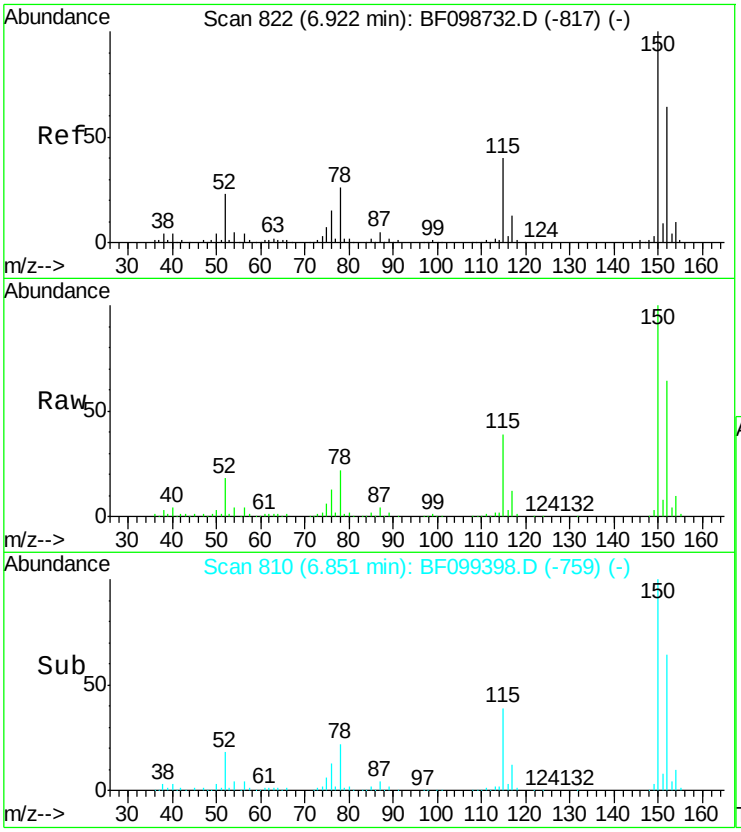


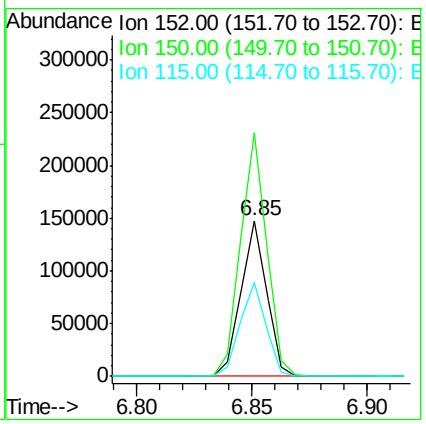


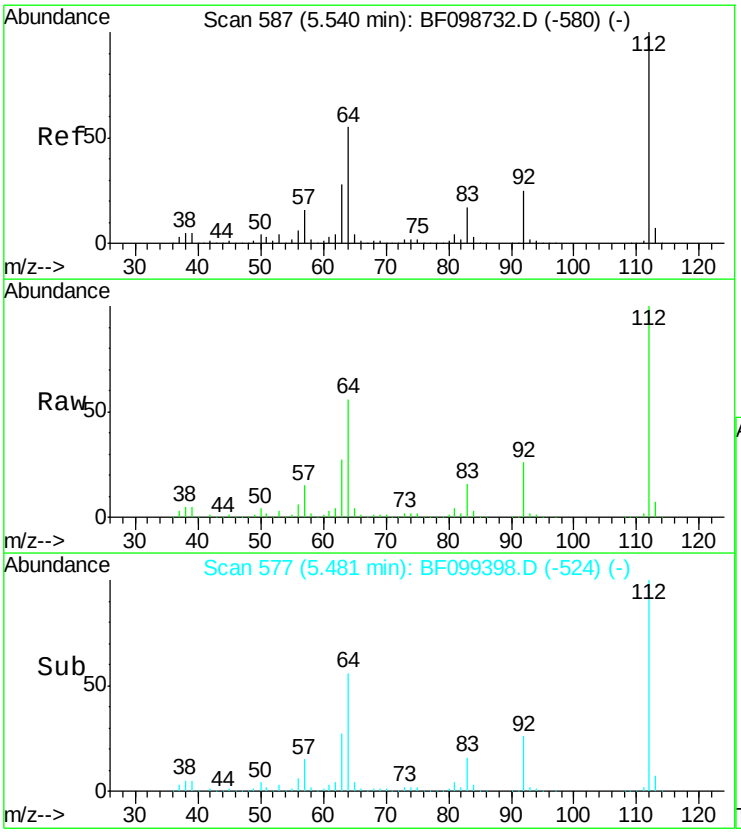
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115330

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.8	50.1	75.1

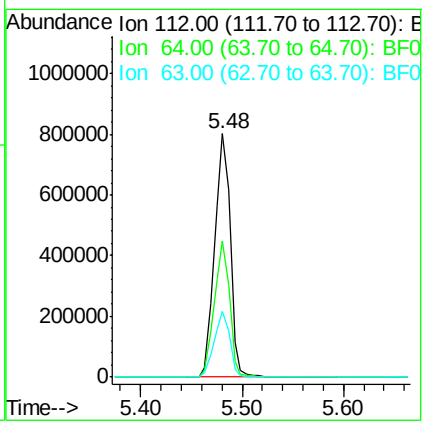


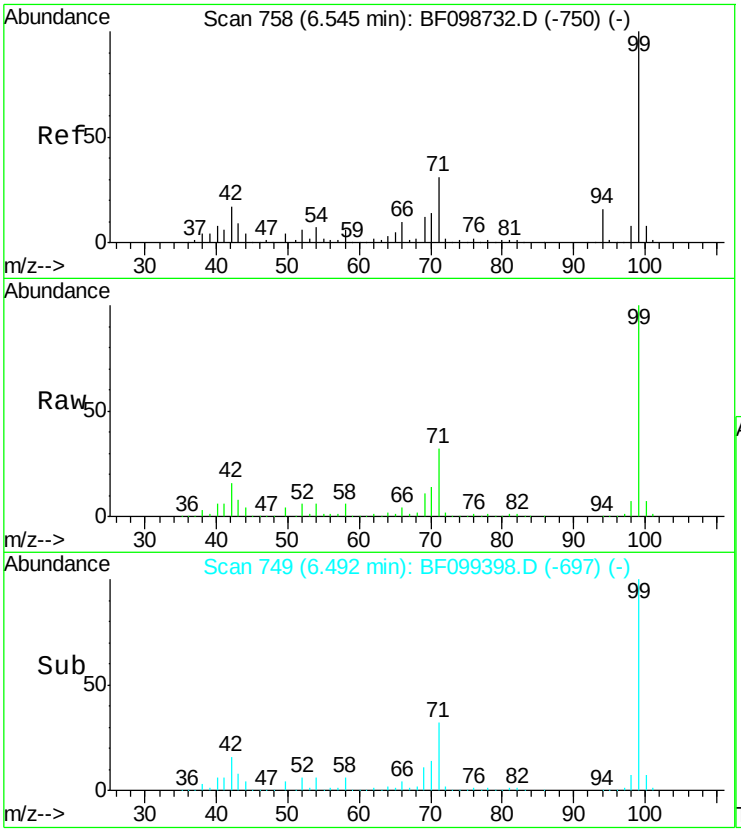


#5
2-Fluorophenol
Concen: 118.78 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:112 Resp: 860522

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	26.8	23.7	35.5



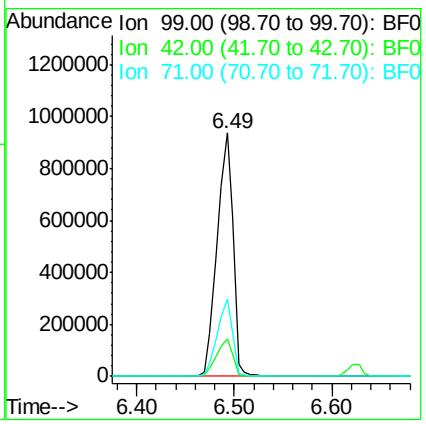


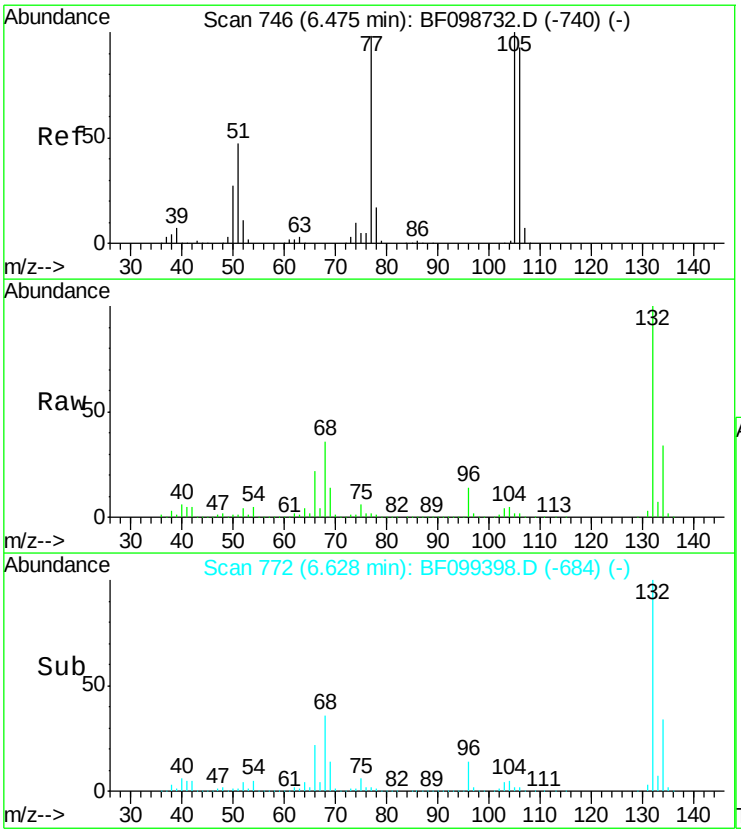
#7
Phenol-d6
Concen: 119.23 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1065616

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	31.7	25.4	38.0

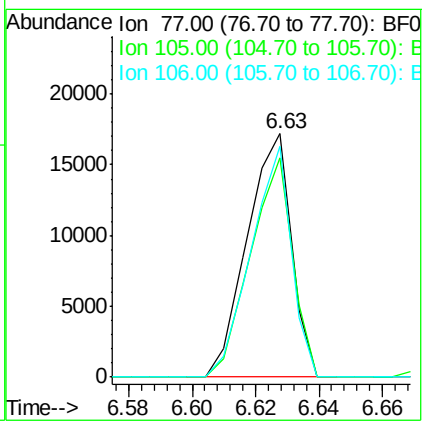


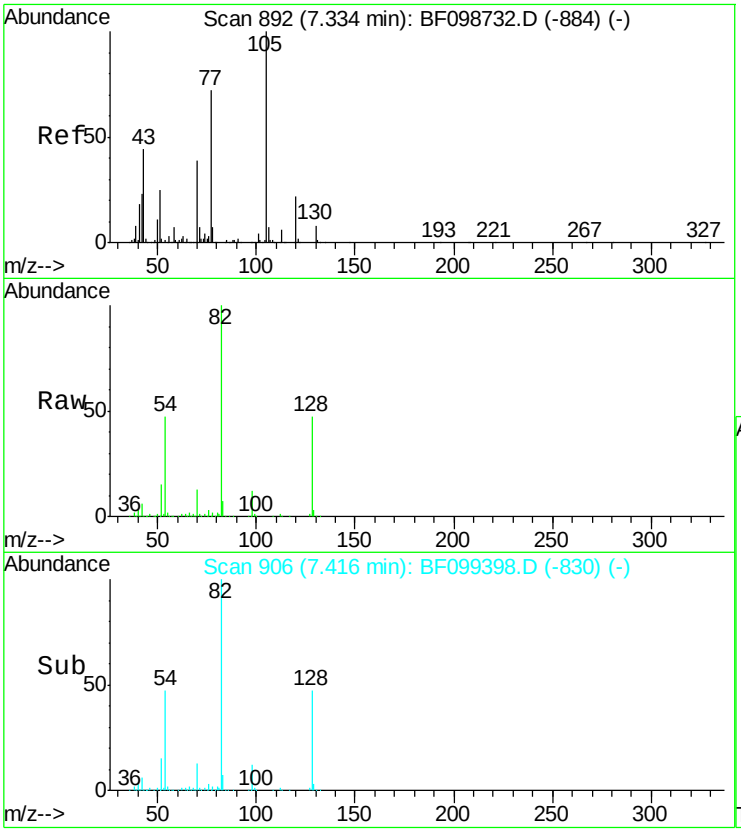


#9
Benzaldehyde
Concen: 3.21 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion: 77 Resp: 16624

Ion	Ratio	Lower	Upper
77	100		
105	90.1	81.1	121.1
106	94.8	74.5	114.5



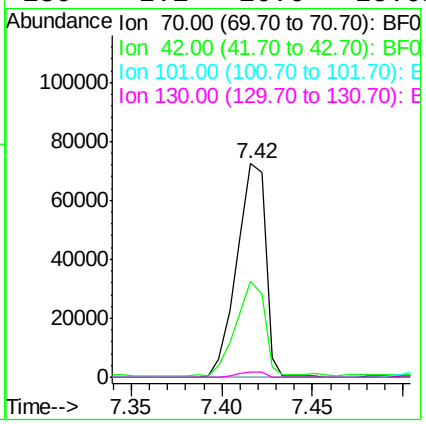


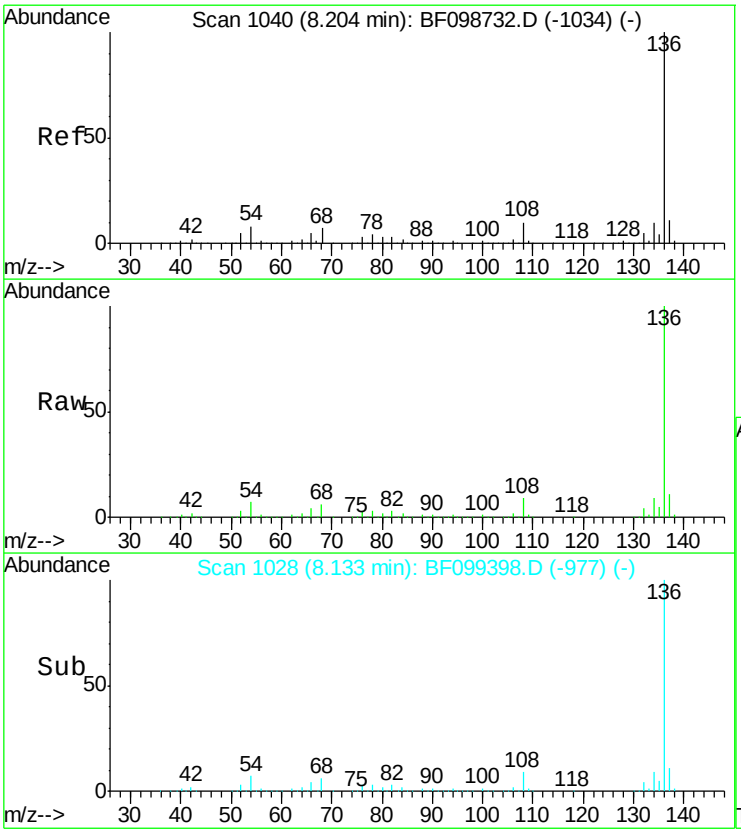
#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 80532

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

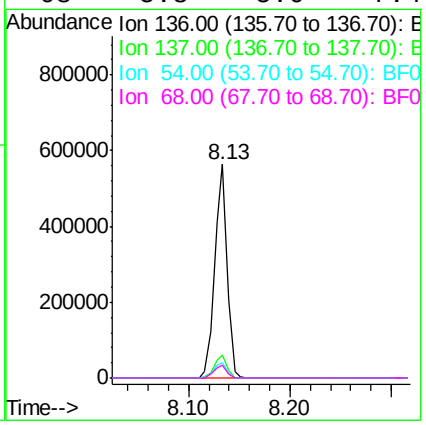


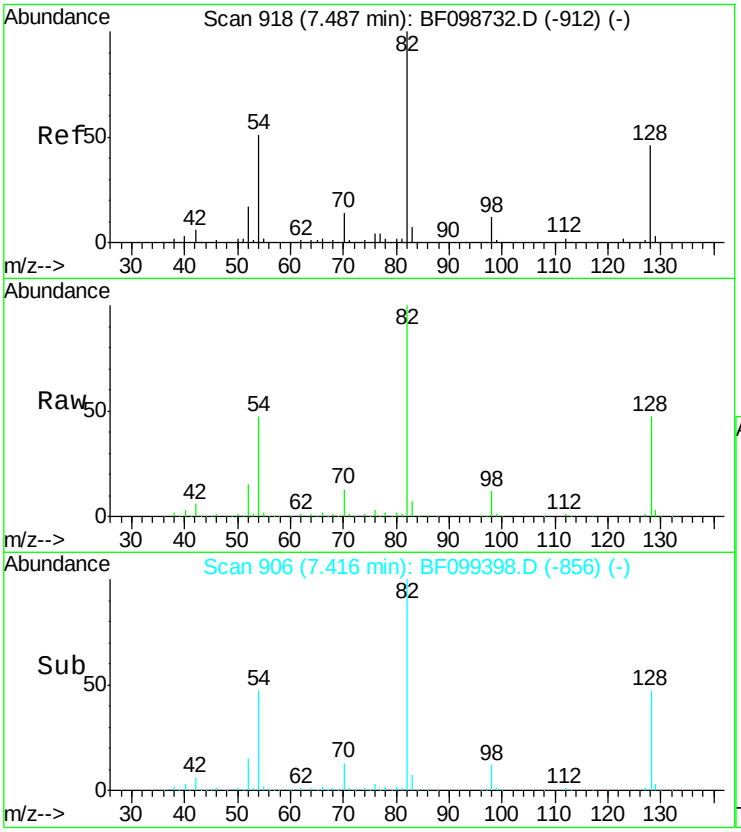


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:136 Resp: 476751

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4



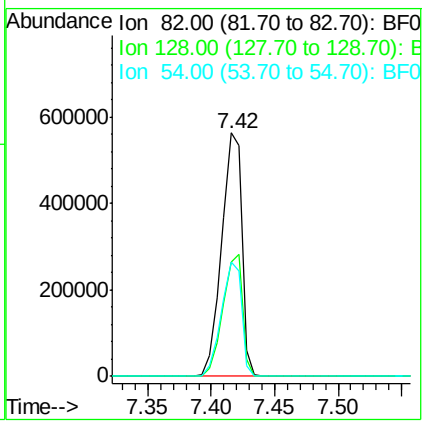


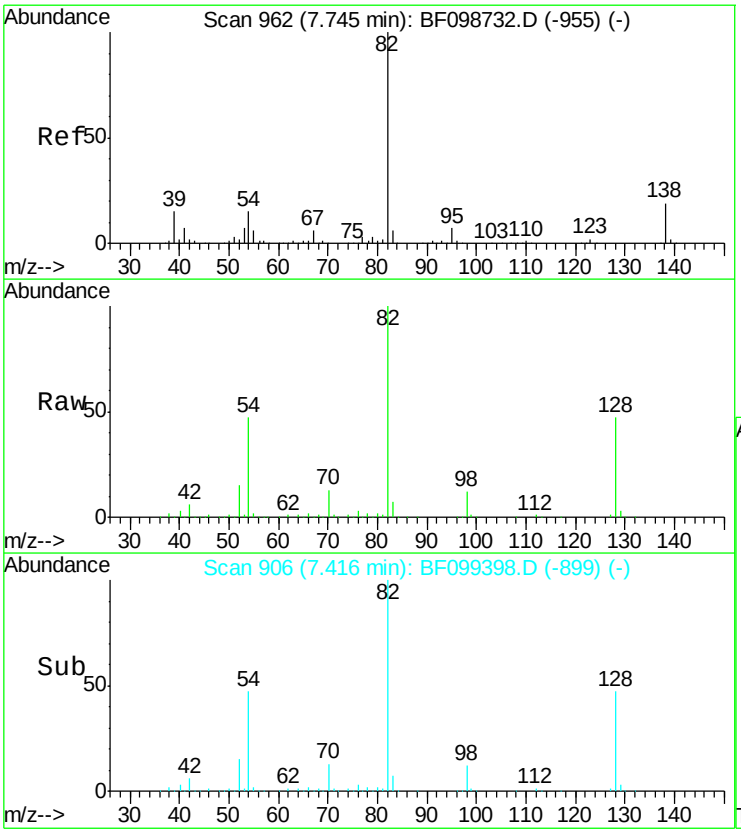
#23
Nitrobenzene-d5
Concen: 84.21 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 626051

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	46.9	41.4	62.2

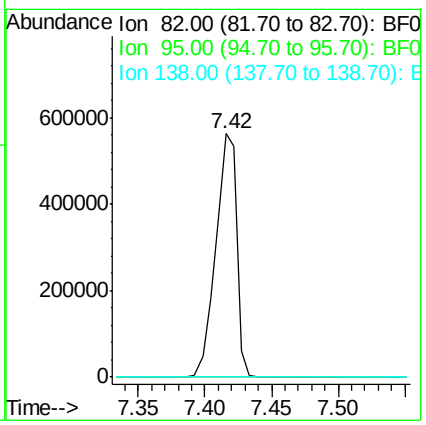


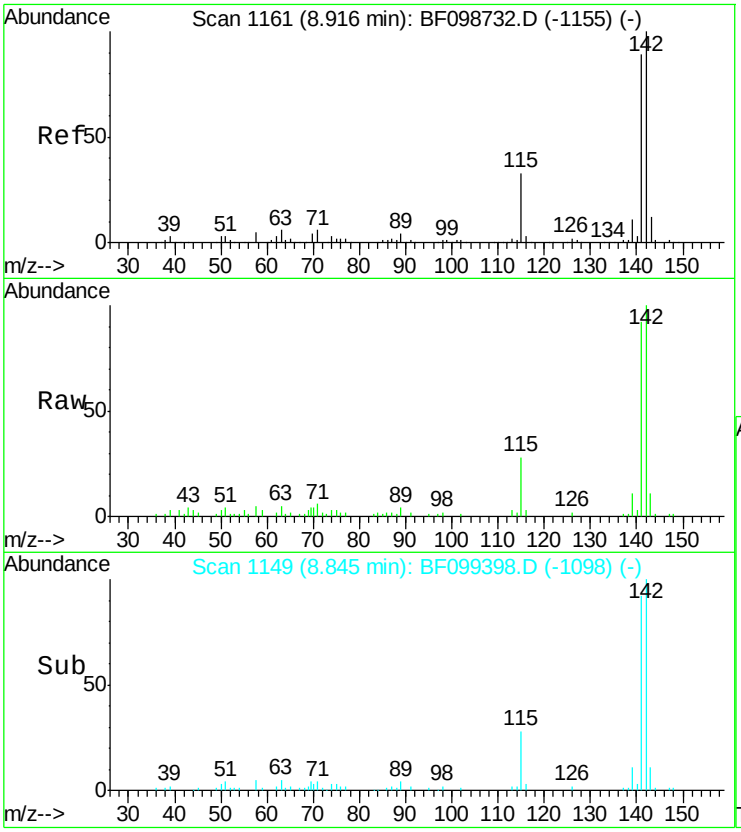


#25
Isophorone
Concen: 40.73 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion: 82 Resp: 626042

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



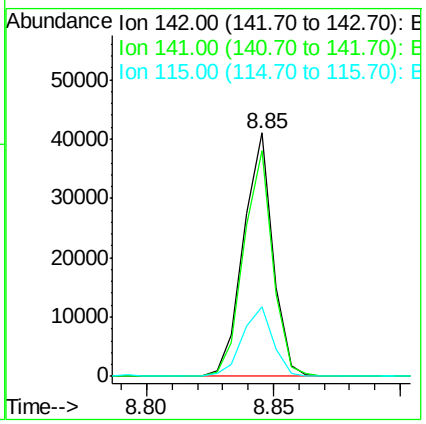


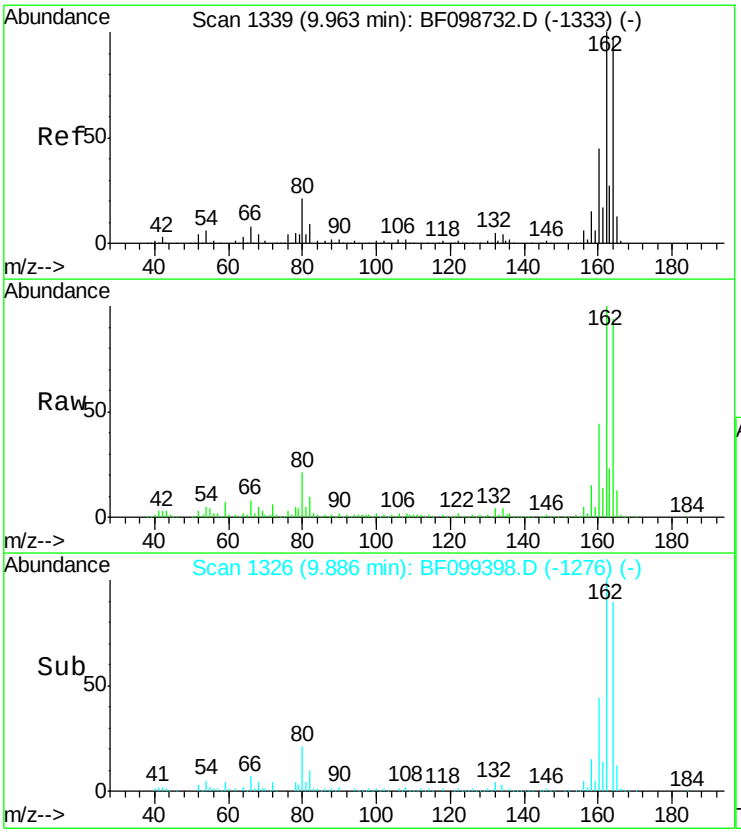
#37
2-Methylnaphthalene
Concen: 2.27 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 32987

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.8	106.2
115	28.5	26.1	39.1

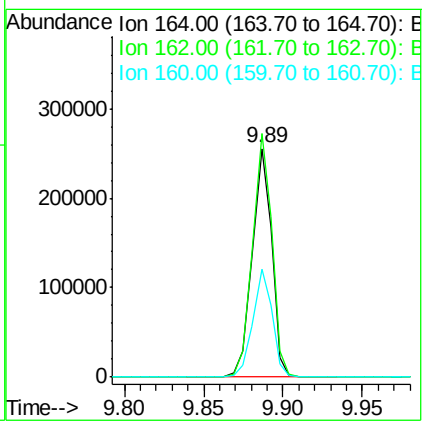


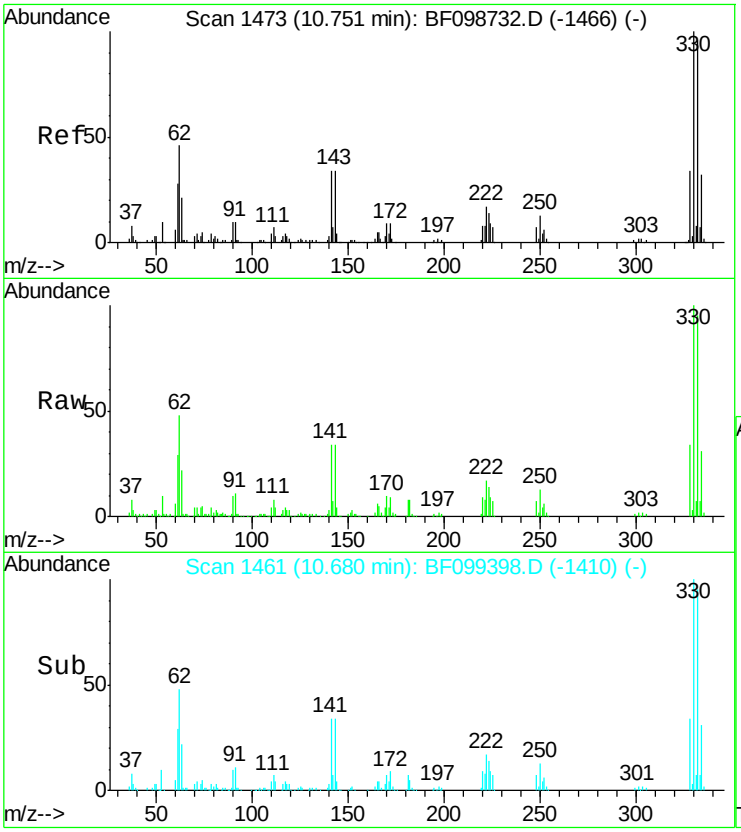


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:164 Resp: 217719

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	47.1	38.3	57.5



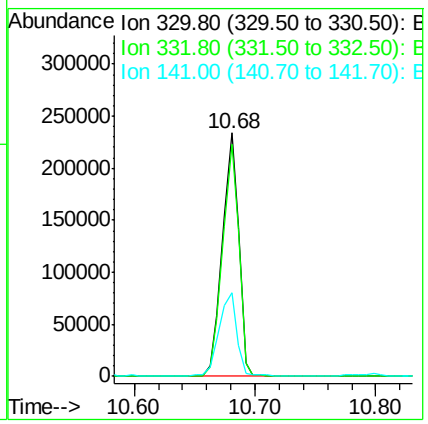


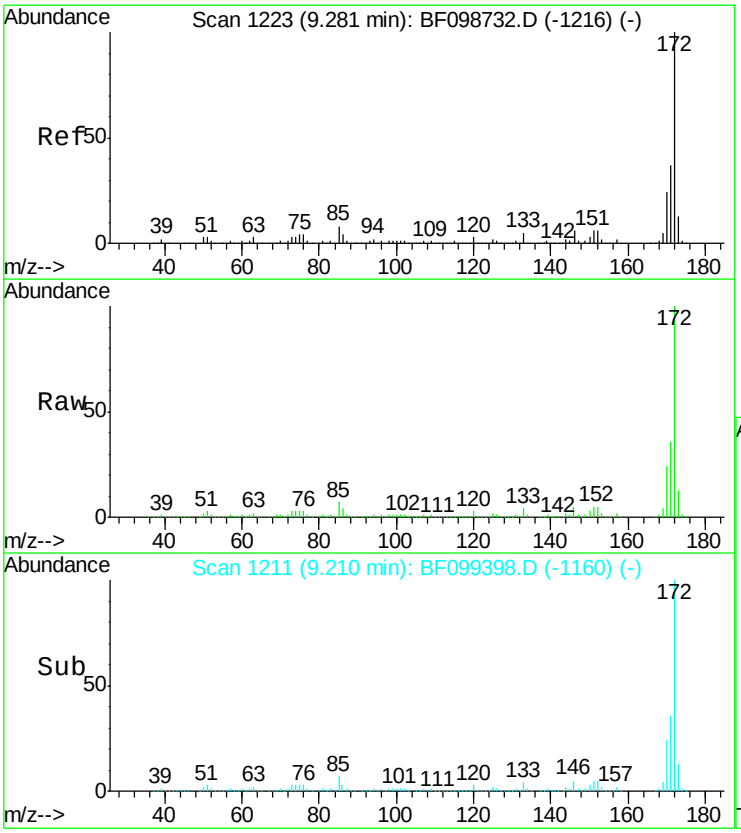
#41
2,4,6-Tribromophenol
Concen: 123.39 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 219823

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	37.0	29.9	44.9

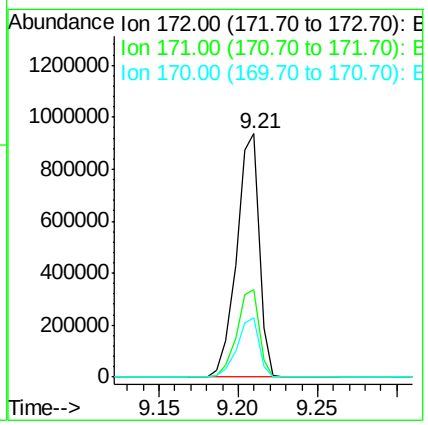


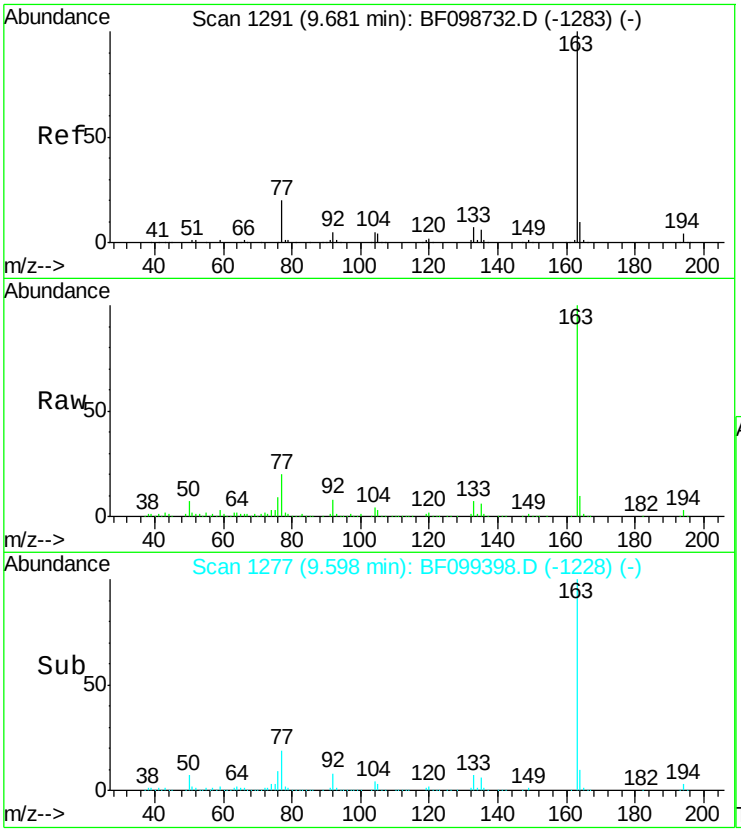


#44
2-Fluorobiphenyl
Concen: 70.42 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:172 Resp: 918340

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



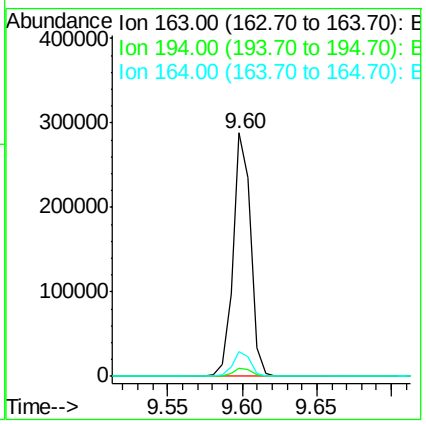


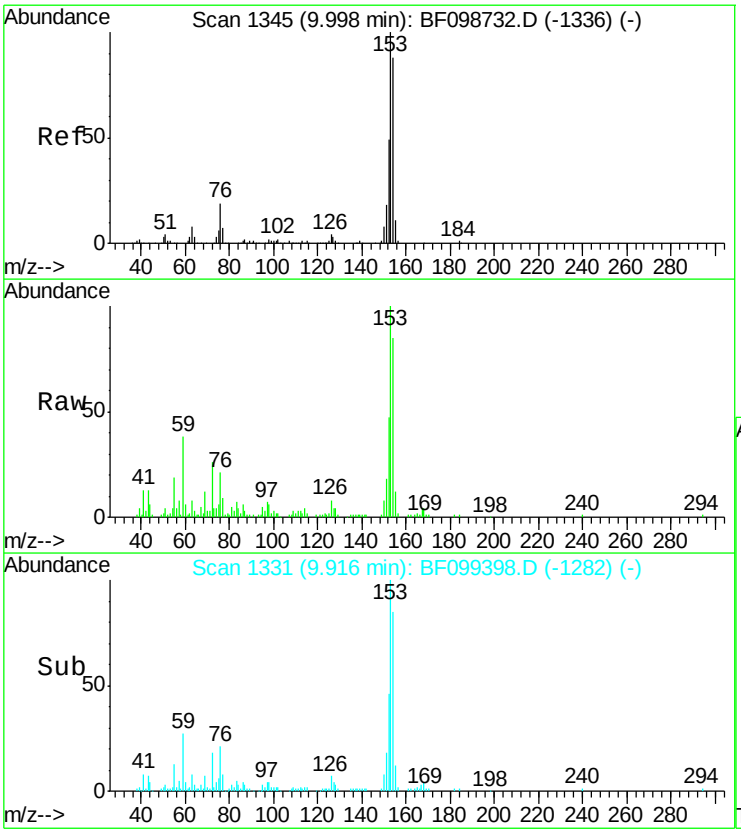
#49
Dimethylphthalate
Concen: 14.57 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 239427

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.3	8.2	12.2

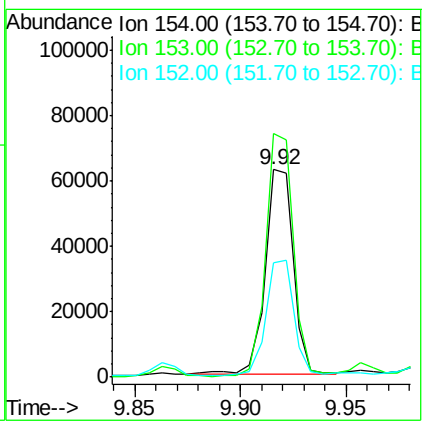


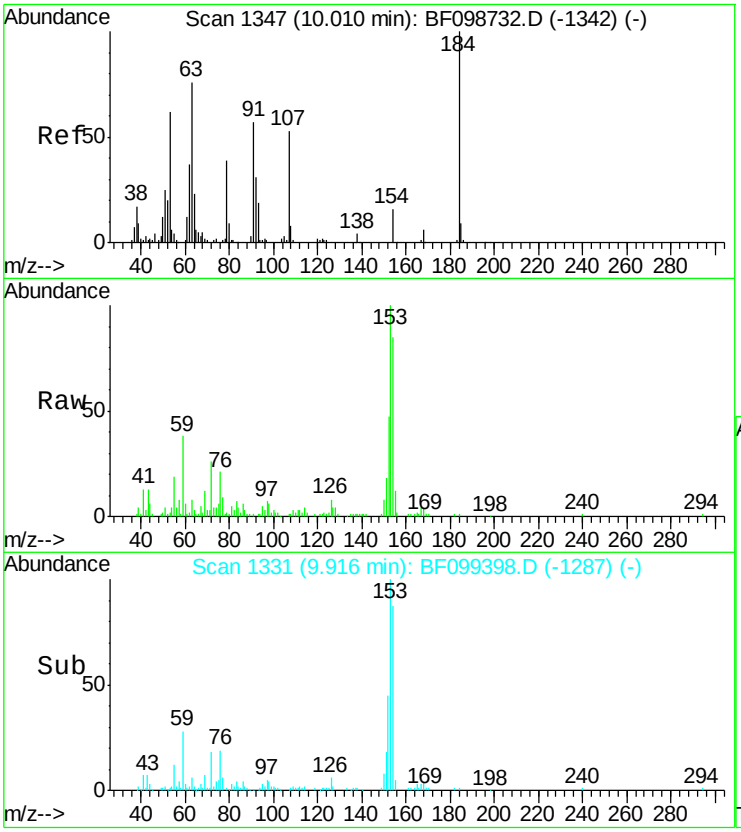


#51
Acenaphthene
Concen: 4.30 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:154 Resp: 58520

Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.2	136.8
152	55.4	43.8	65.8



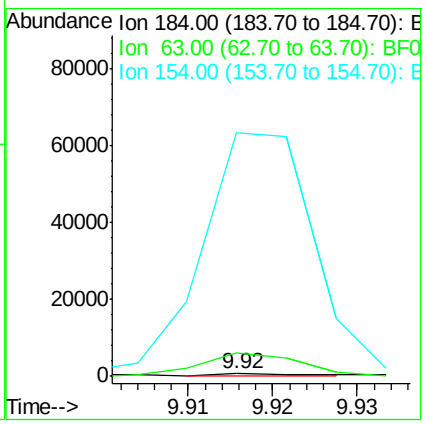


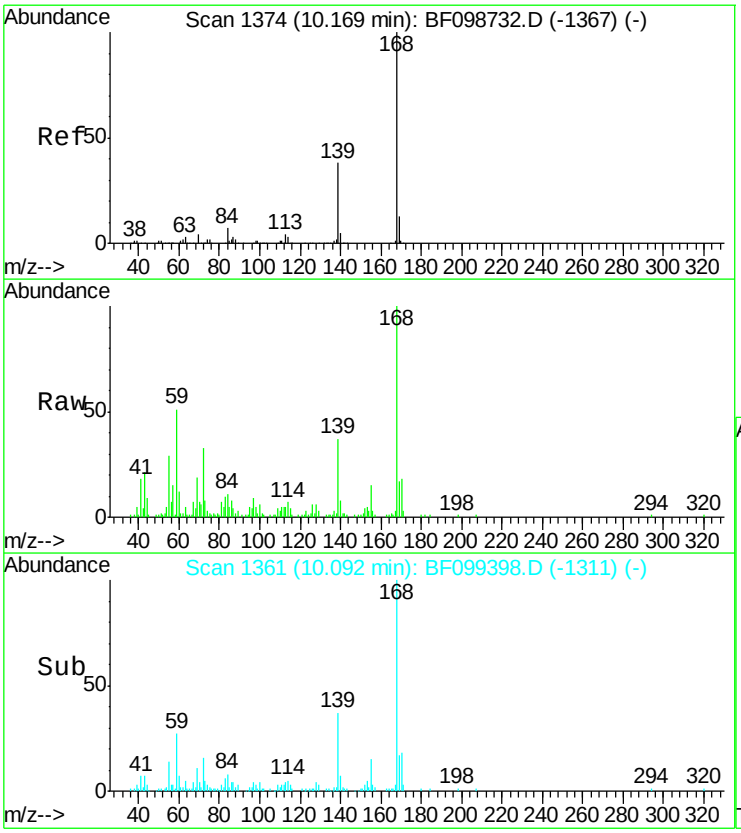
#53
2,4-Dinitrophenol
Concen: 6.08 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.04 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 503

Ion	Ratio	Lower	Upper
184	100		
63	968.7	54.2	81.2#
154	10061.0	53.5	80.3#

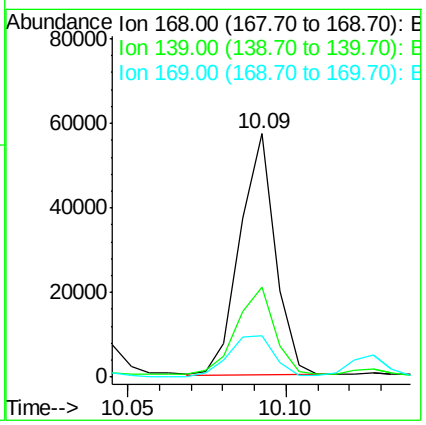


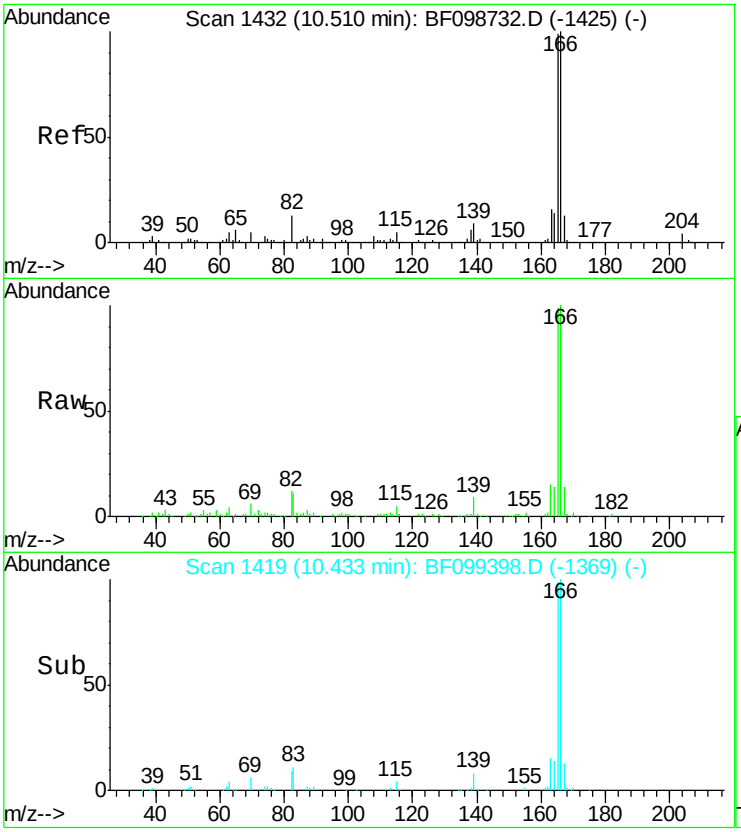


#54
Dibenzofuran
Concen: 2.43 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:168 Resp: 44026

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	16.9	10.9	16.3#



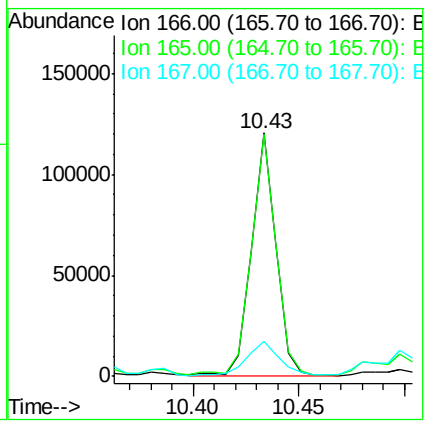


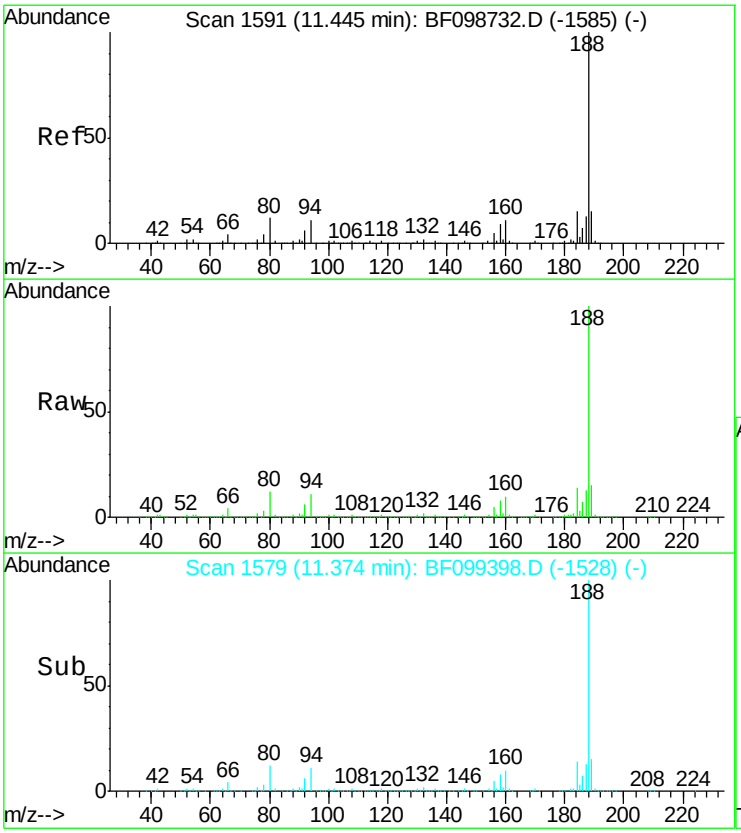
#57
Fluorene
Concen: 6.61 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 96339

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	14.2	10.6	16.0

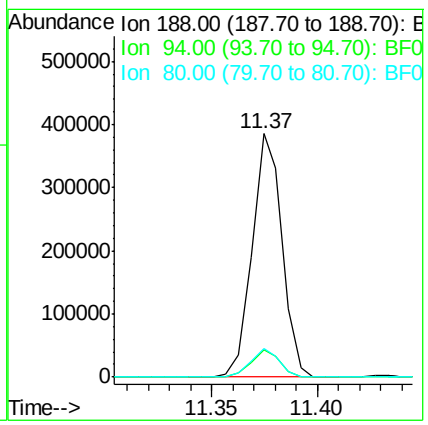


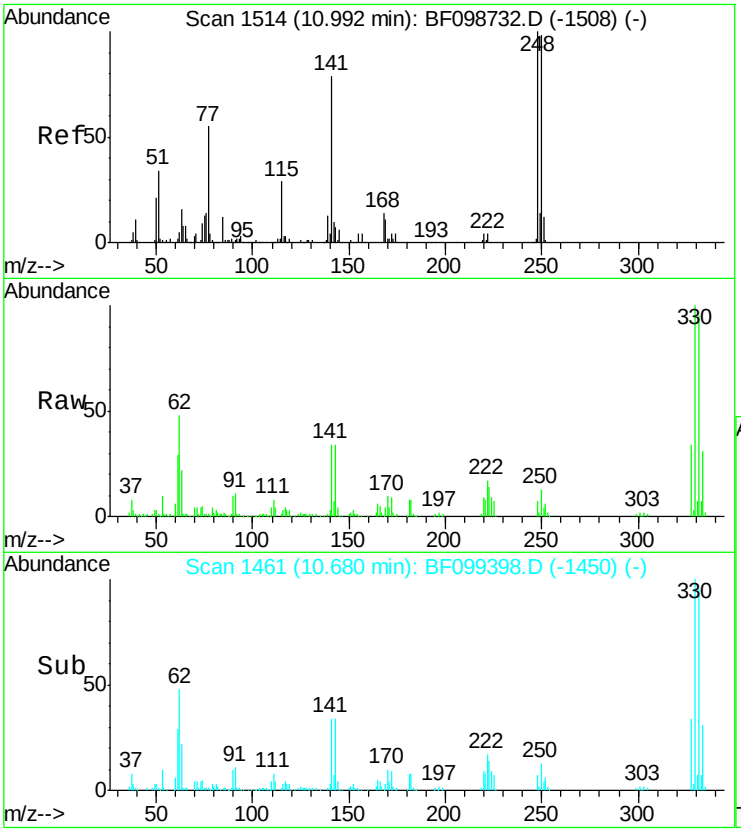


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:188 Resp: 377701

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8



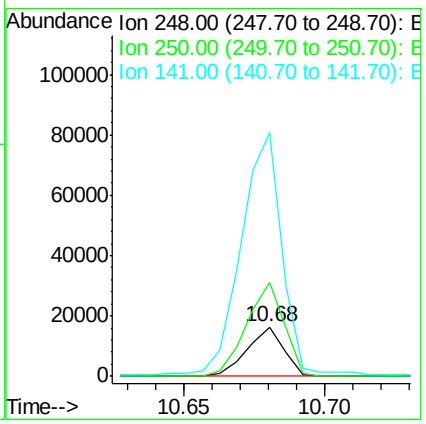


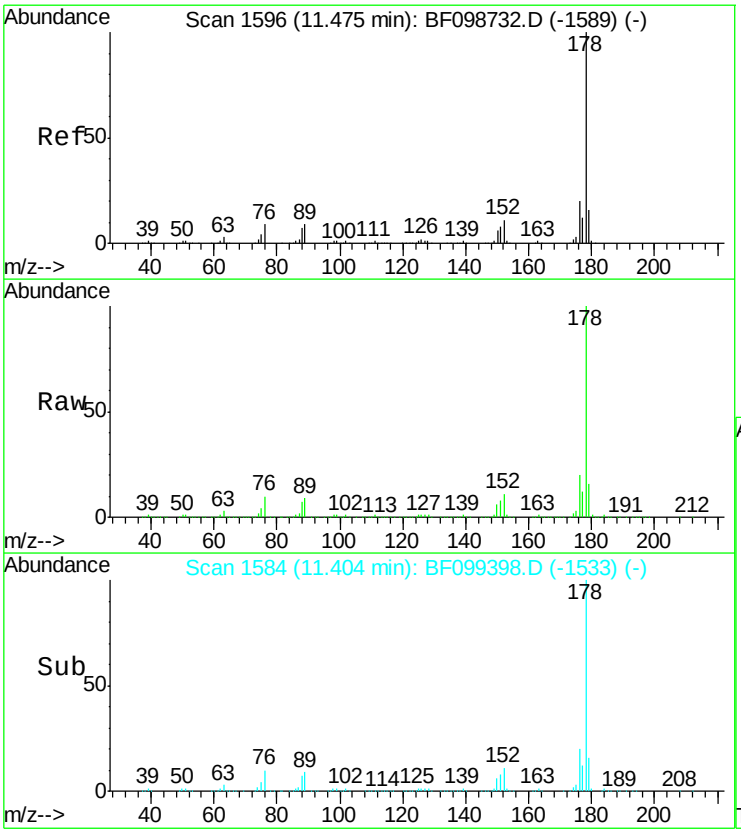
#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14905

Ion	Ratio	Lower	Upper
248	100		
250	189.1	76.9	115.3#
141	493.0	74.4	111.6#

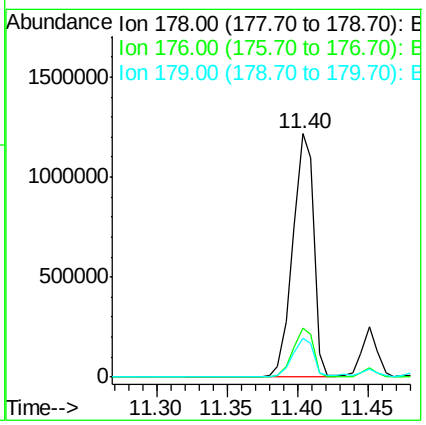


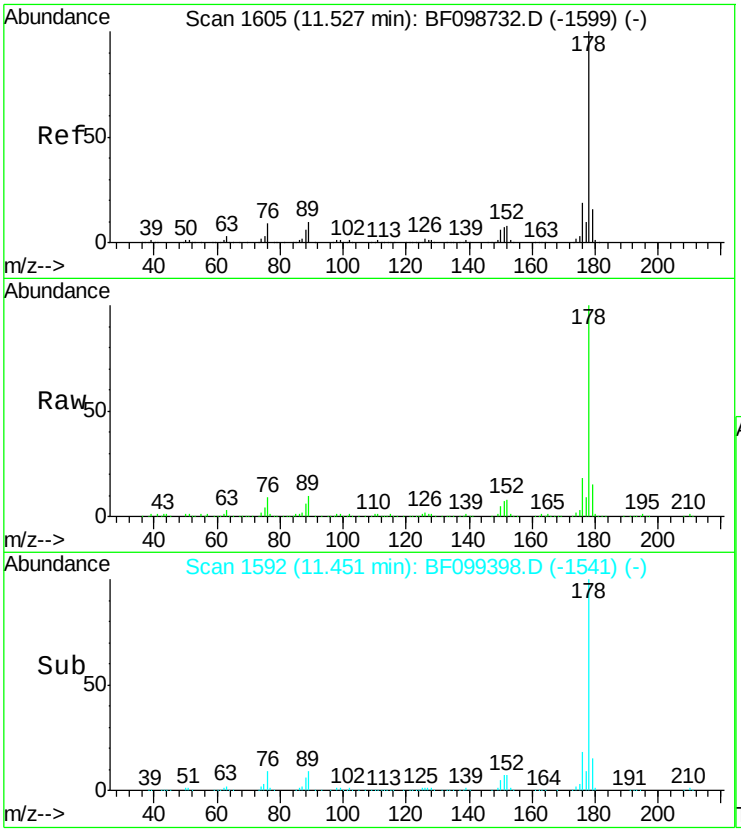


#70
Phenanthrene
Concen: 61.90 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:178 Resp: 1251496

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6



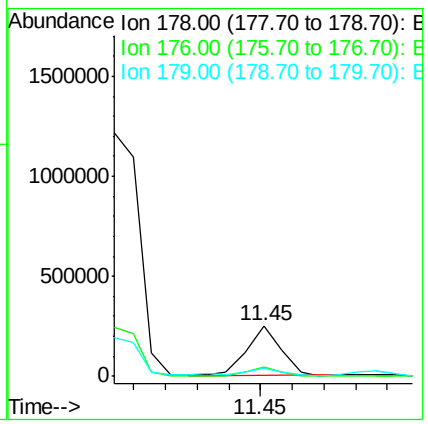


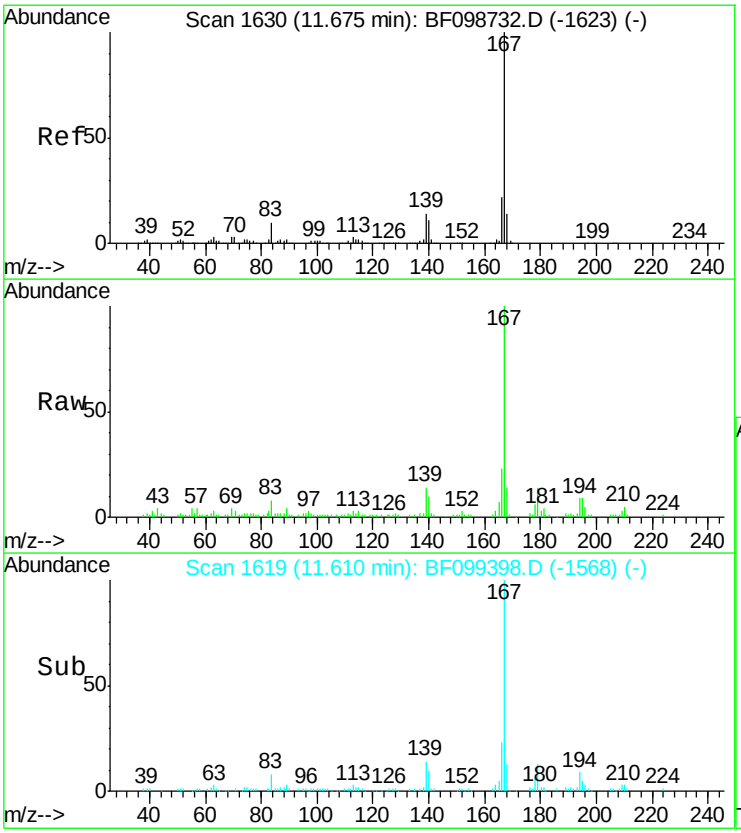
#71
Anthracene
Concen: 8.81 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 182340

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.8	12.6	19.0

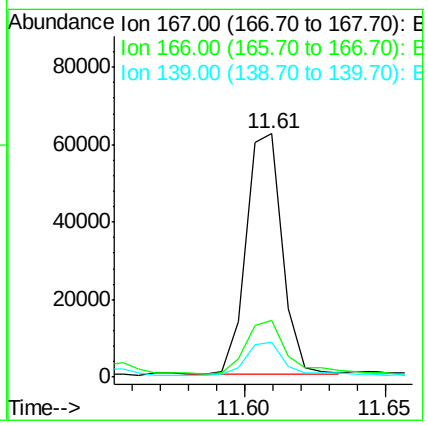


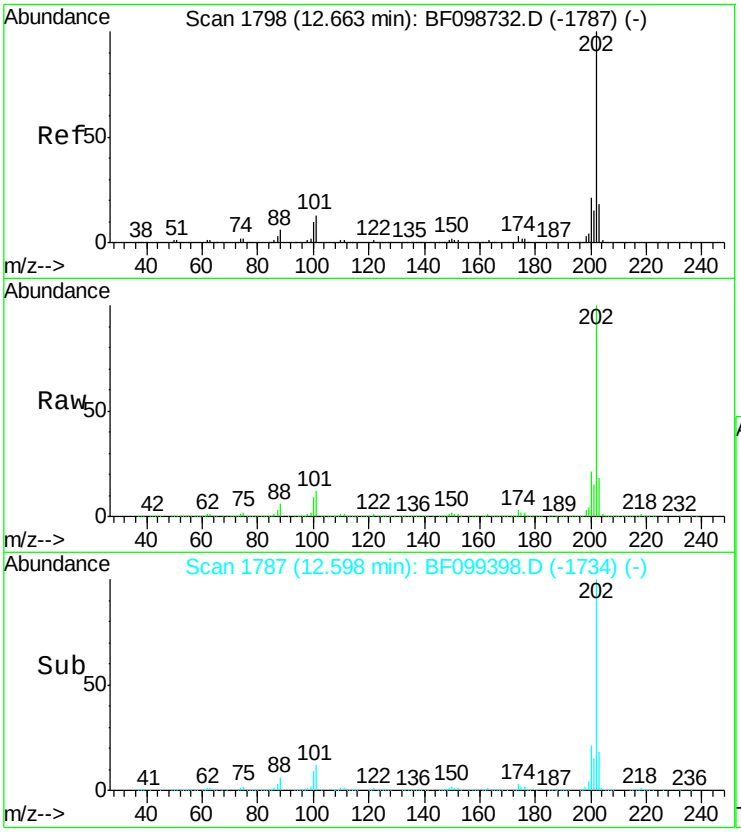


#72
Carbazole
Concen: 2.72 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:167 Resp: 55089

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	14.2	10.9	16.3



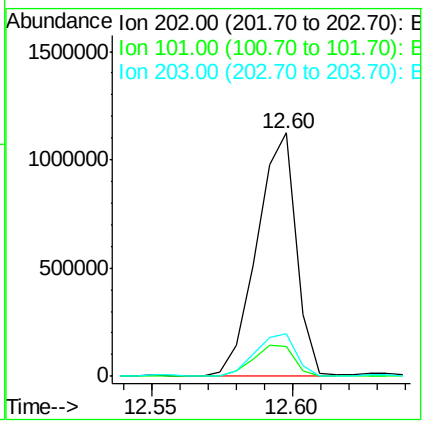


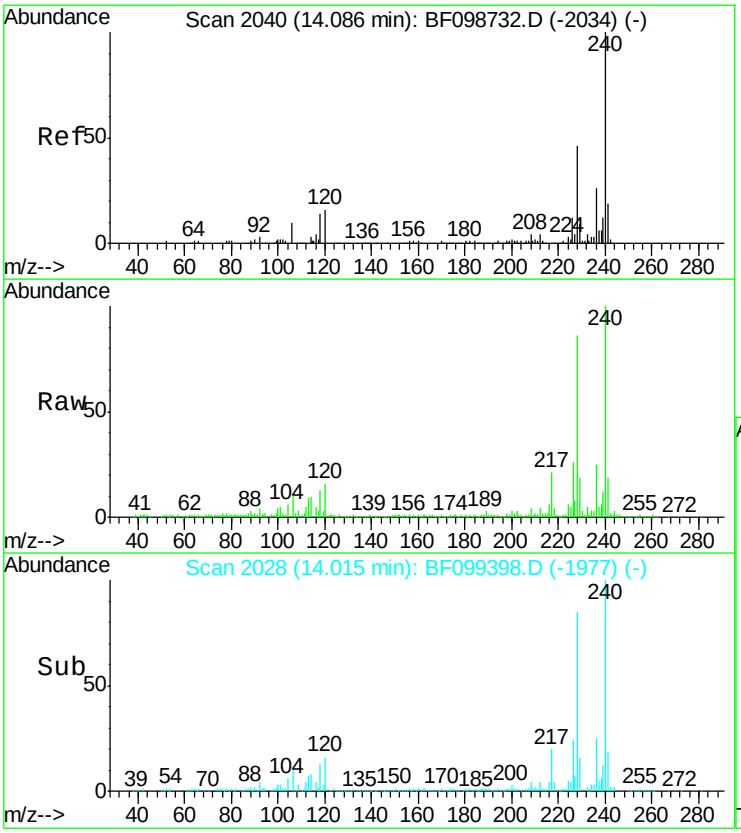
#74
Fluoranthene
Concen: 52.77 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1080243

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.6	0.0	38.1

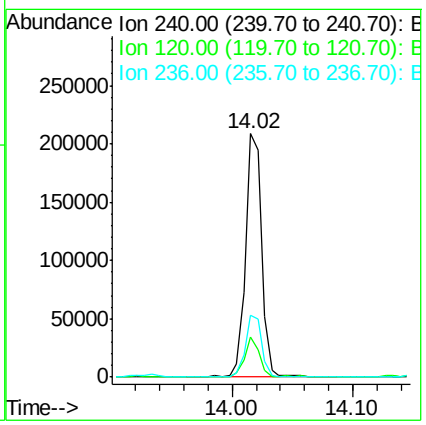


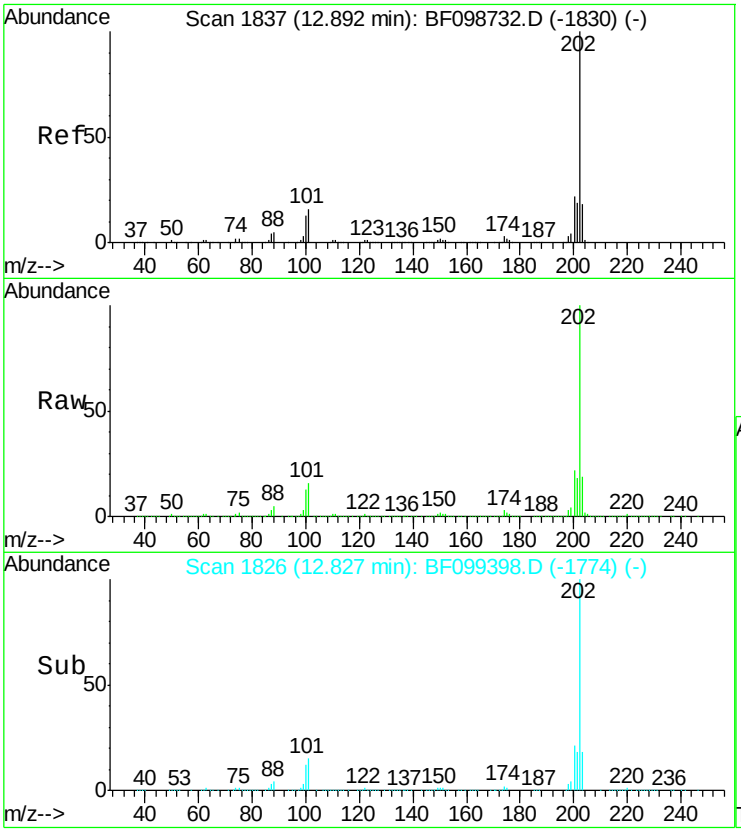


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:240 Resp: 194871

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	25.4	20.7	31.1



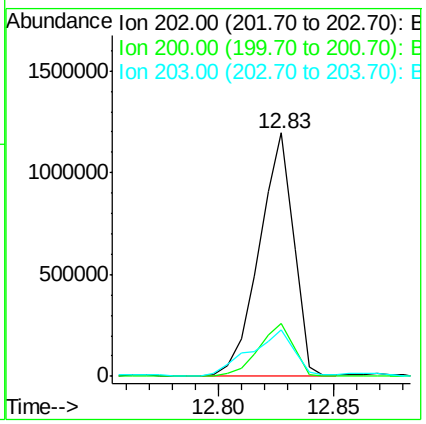


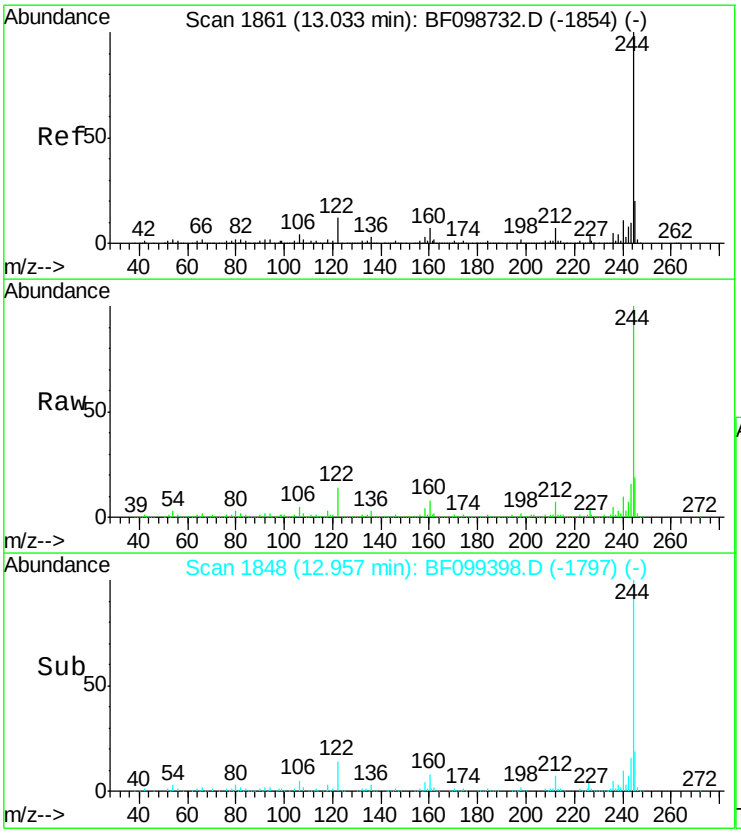
#77
Pyrene
Concen: 83.30 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1237875

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.9	14.3	21.5

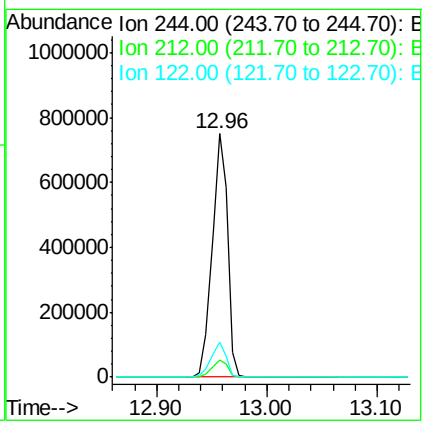


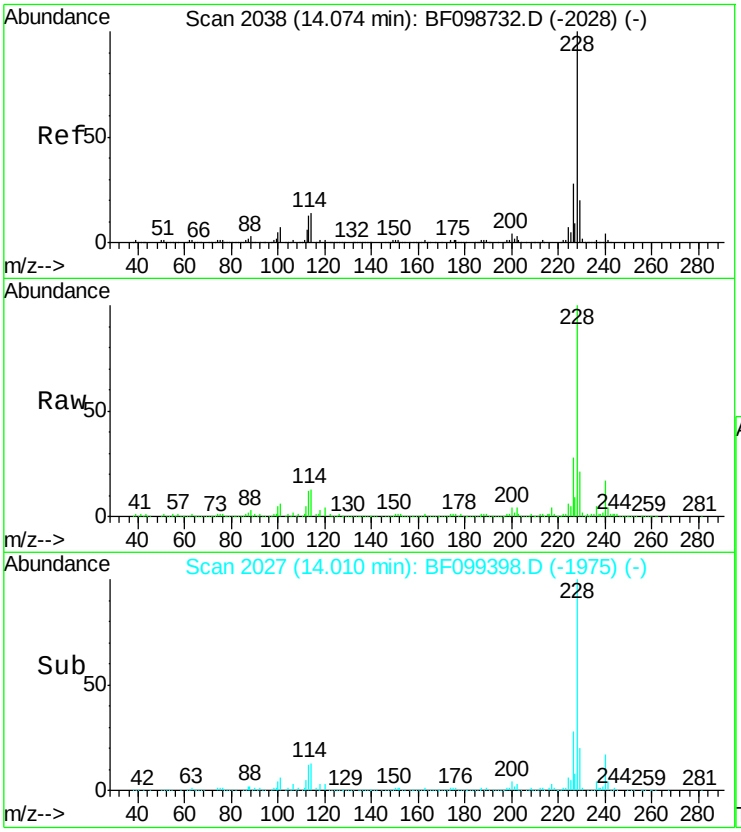


#78
Terphenyl-d14
Concen: 83.17 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:244 Resp: 712649

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.1	11.0	16.4



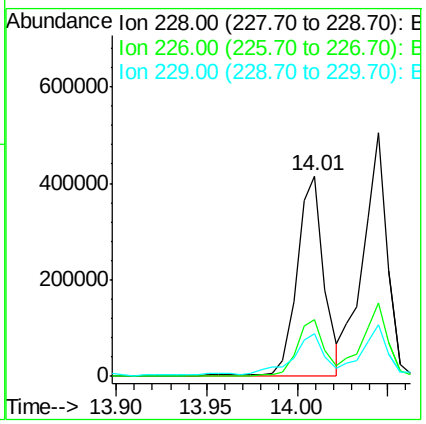


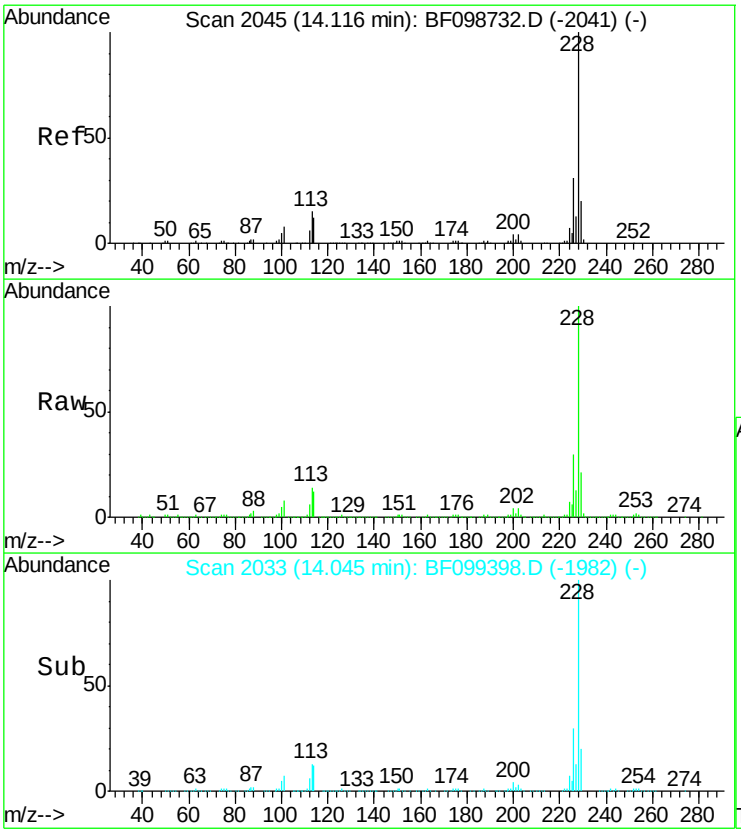
#80
Benzo(a)anthracene
Concen: 36.43 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 429925

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.0	15.8	23.6

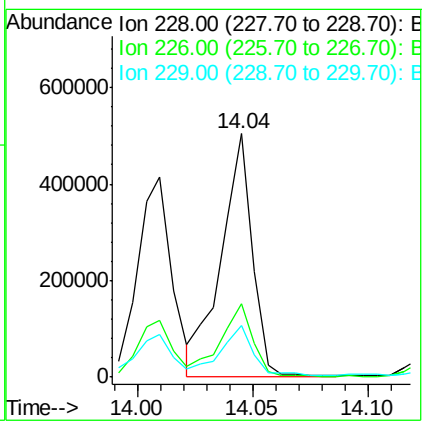


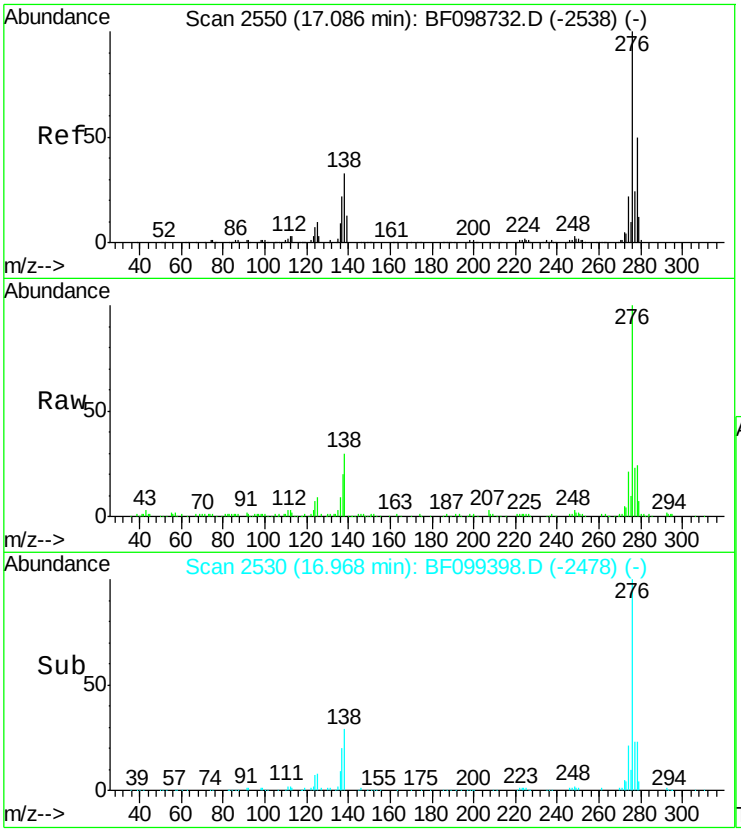


#82
Chrysene
Concen: 42.03 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:228 Resp: 472165

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.3	16.2	24.4



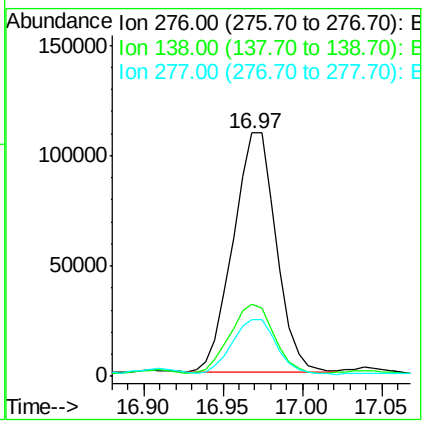


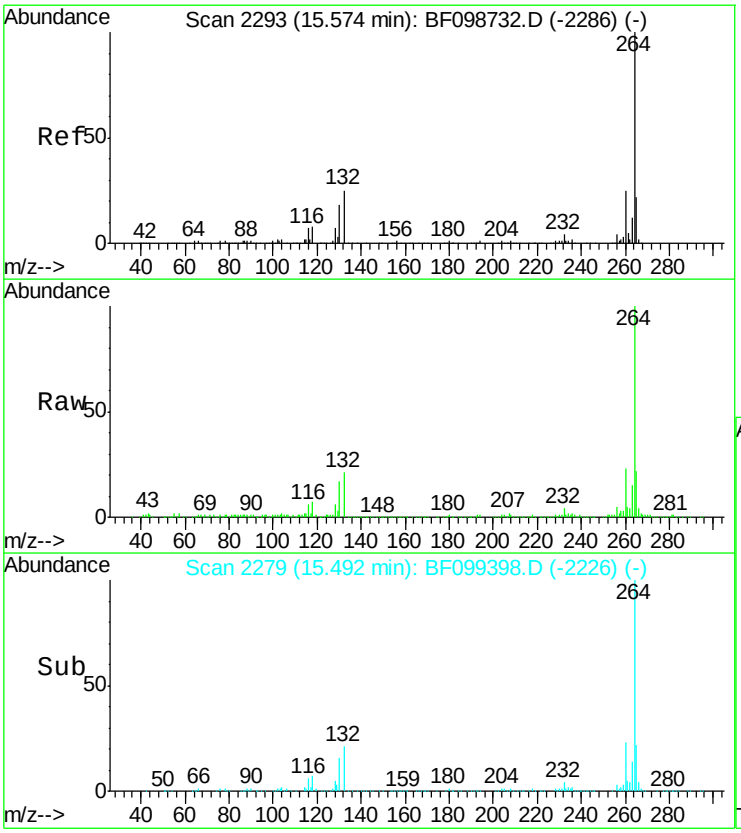
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.89 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 205742

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	23.9	20.1	30.1

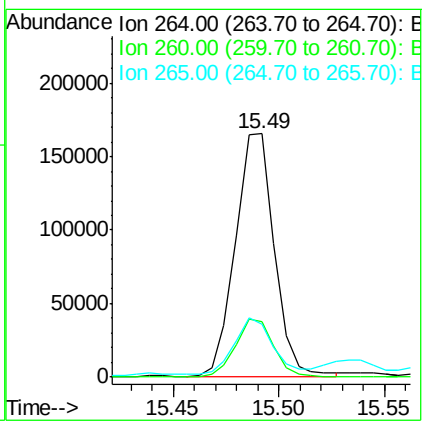


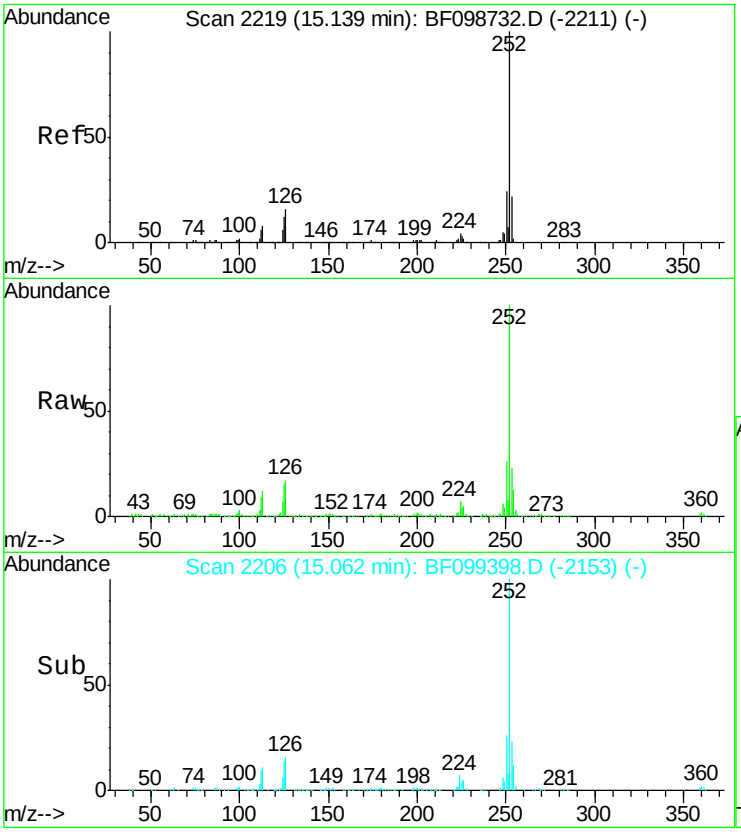


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:264 Resp: 211293

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.0	17.5	26.3



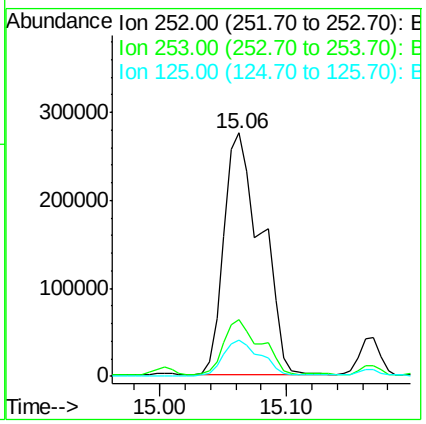


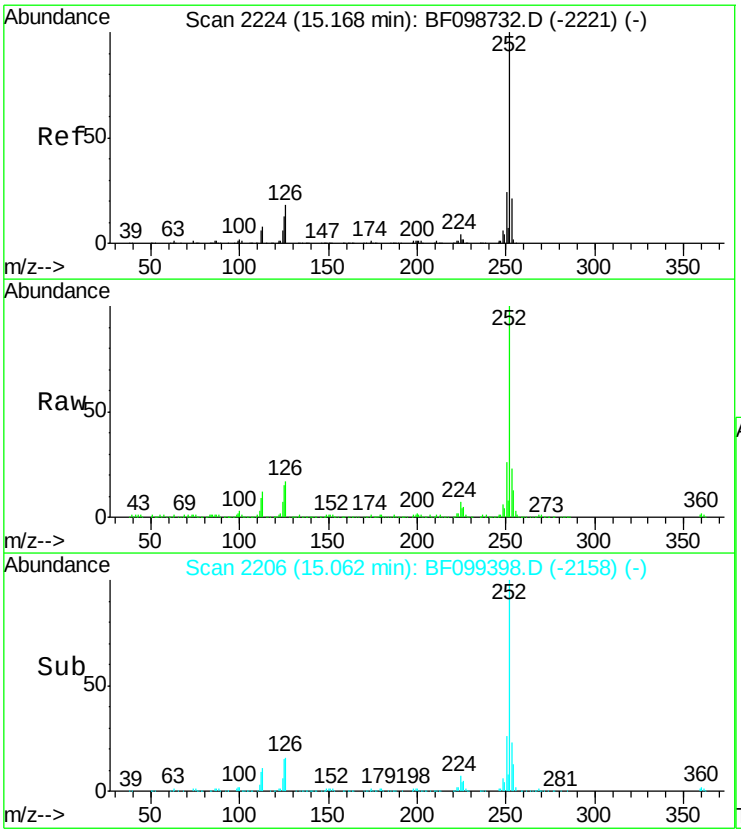
#87
Benzo(b)fluoranthene
Concen: 43.62 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 566627

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.8	9.0	13.6#

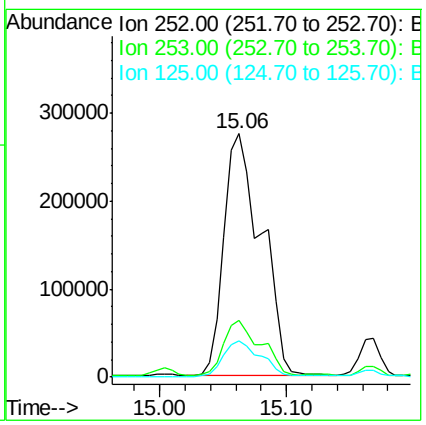


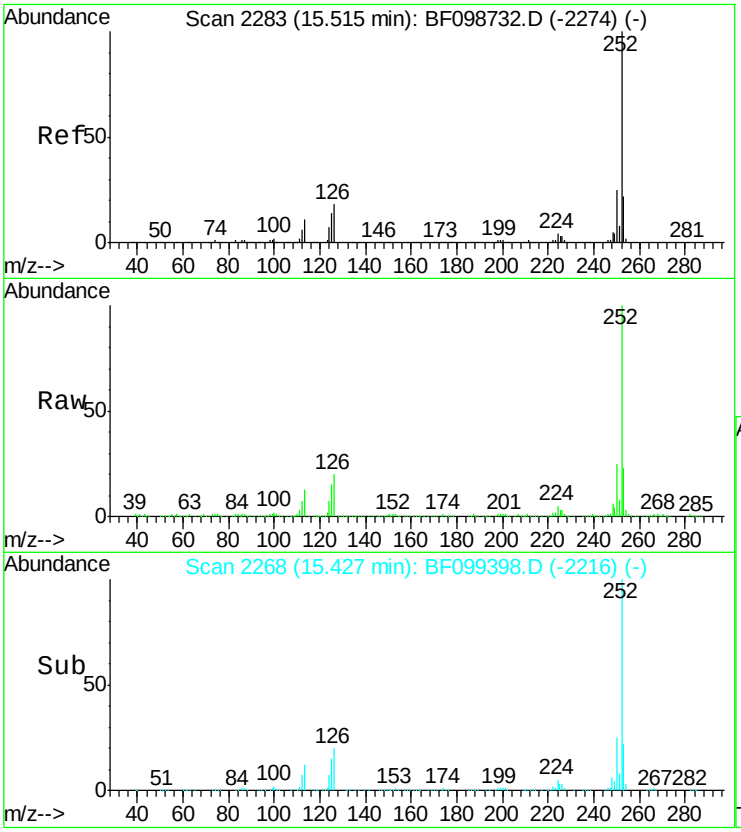


#88
Benzo(k)fluoranthene
Concen: 44.16 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:252 Resp: 566627

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.8	10.2	15.2



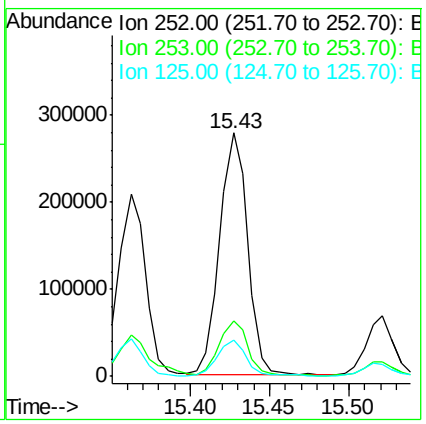


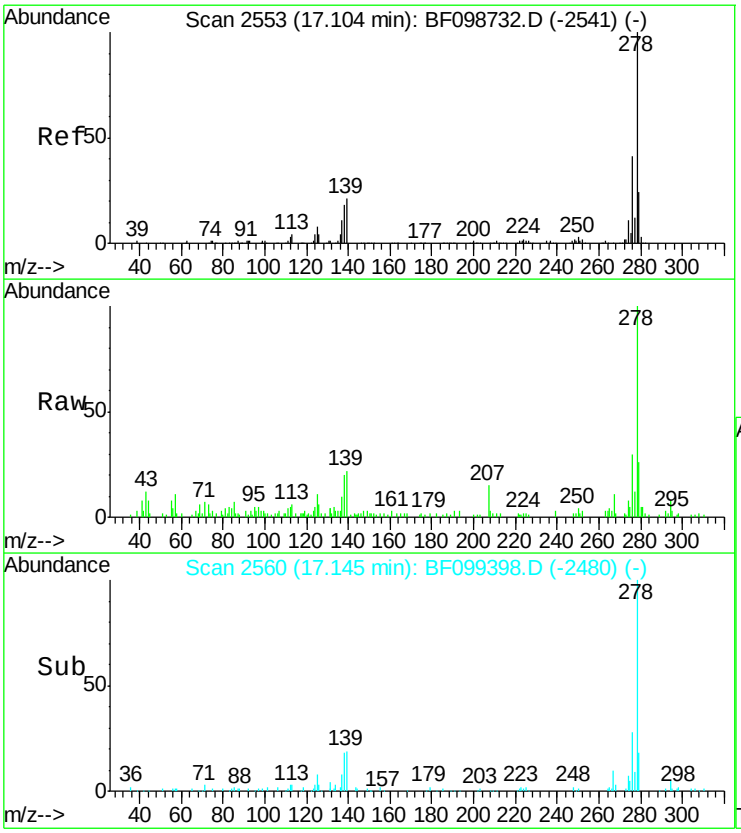
#89
Benzo(a)pyrene
Concen: 28.80 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 343412

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	15.0	9.8	14.6#

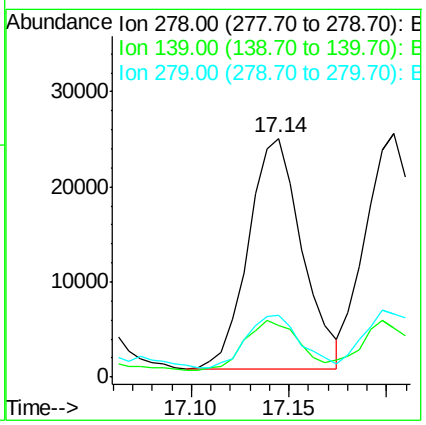


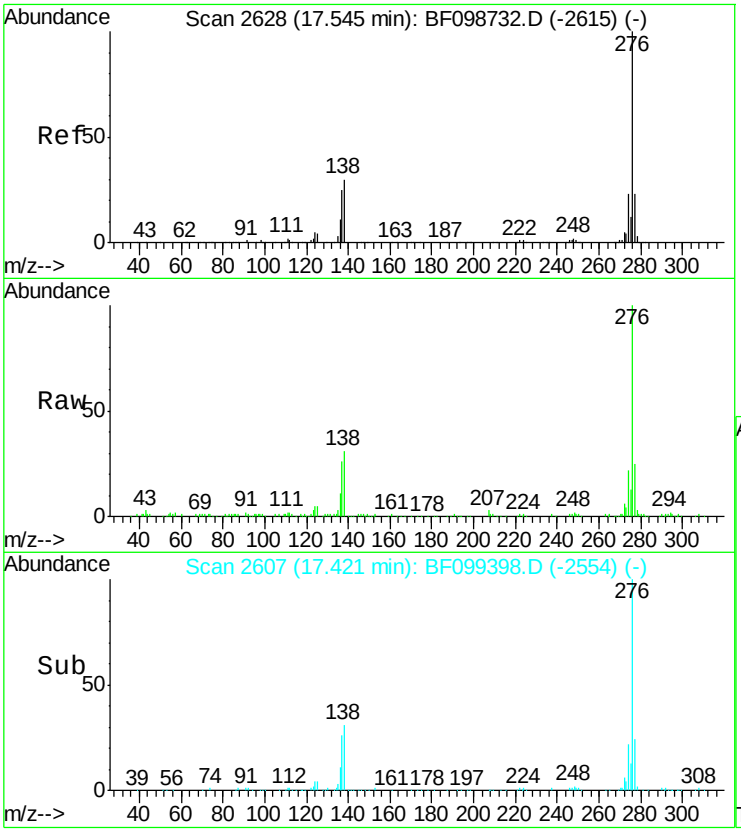


#90
Dibenzo(a,h)anthracene
Concen: 4.83 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.17 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Tgt Ion:278 Resp: 46062

Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	25.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 23.28 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF099398.D
Acq: 12 Oct 2017 16:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 219618

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	31.3	21.8	32.8