Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099967.D
Acq On : 30 Oct 2017 18:37
Operator : SJ/JU
Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 02:27:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	96686	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	380510	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	164833	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	265759	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	169744	20.00	ng		0.00
86) Perylene-d12	15.47	264	162446	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	334435	54.30	ng		-0.01
7) Phenol-d6	6.43	99	419348	57.43	ng		-0.01
23) Nitrobenzene-d5	7.36	82	233317	39.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	84265	56.10	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	504941	47.26	ng		-0.01
78) Terphenyl-d14	12.91	244	356193	45.86	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.45	94	22785	2.842	ng		85
19) n-Nitroso-di-n-propylamine	7.36	70	27279	6.375	ng	#	71
25) Isophorone	7.36	82	233317	21.755	ng	#	64
31) Naphthalene	8.09	128	67270	3.662	ng		97
37) 2-Methylnaphthalene	8.79	142	51792	4.208	ng		96
48) Acenaphthylene	9.69	152	192259	11.527	ng		99
49) Dimethylphthalate	9.54	163	86639	6.637	ng		99
51) Acenaphthene	9.86	154	64077	6.287	ng		99
54) Dibenzofuran	10.03	168	79149	5.502	ng		97
55) 4-Nitrophenol	10.03	139	28332	16.770	ng	#	12
57) Fluorene	10.37	166	144390	12.122	ng		99
70) Phenanthrene	11.35	178	918550	61.245	ng		98
71) Anthracene	11.40	178	350482	23.022	ng		99
72) Carbazole	11.56	167	80791	5.643	ng		98
74) Fluoranthene	12.55	202	1352107	86.749	ng		99
77) Pyrene	12.78	202	1214827	94.120	ng		100
80) Benzo(a)anthracene	13.97	228	653407	60.722	ng		99
82) Chrysene	14.02	228	545822	53.954	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	302959	32.622	ng		95
87) Benzo(b)fluoranthene	15.05	252	1016381	99.085	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	1016381	105.078	ng		98
89) Benzo(a)pyrene	15.42	252	542954	58.925	ng		97
90) Dibenzo(a,h)anthracene	17.20	278	38341	4.683	ng		94
91) Benzo(g,h,i)perylene	17.43	276	265031	33.086	ng		96

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

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Misc :
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Instrument :
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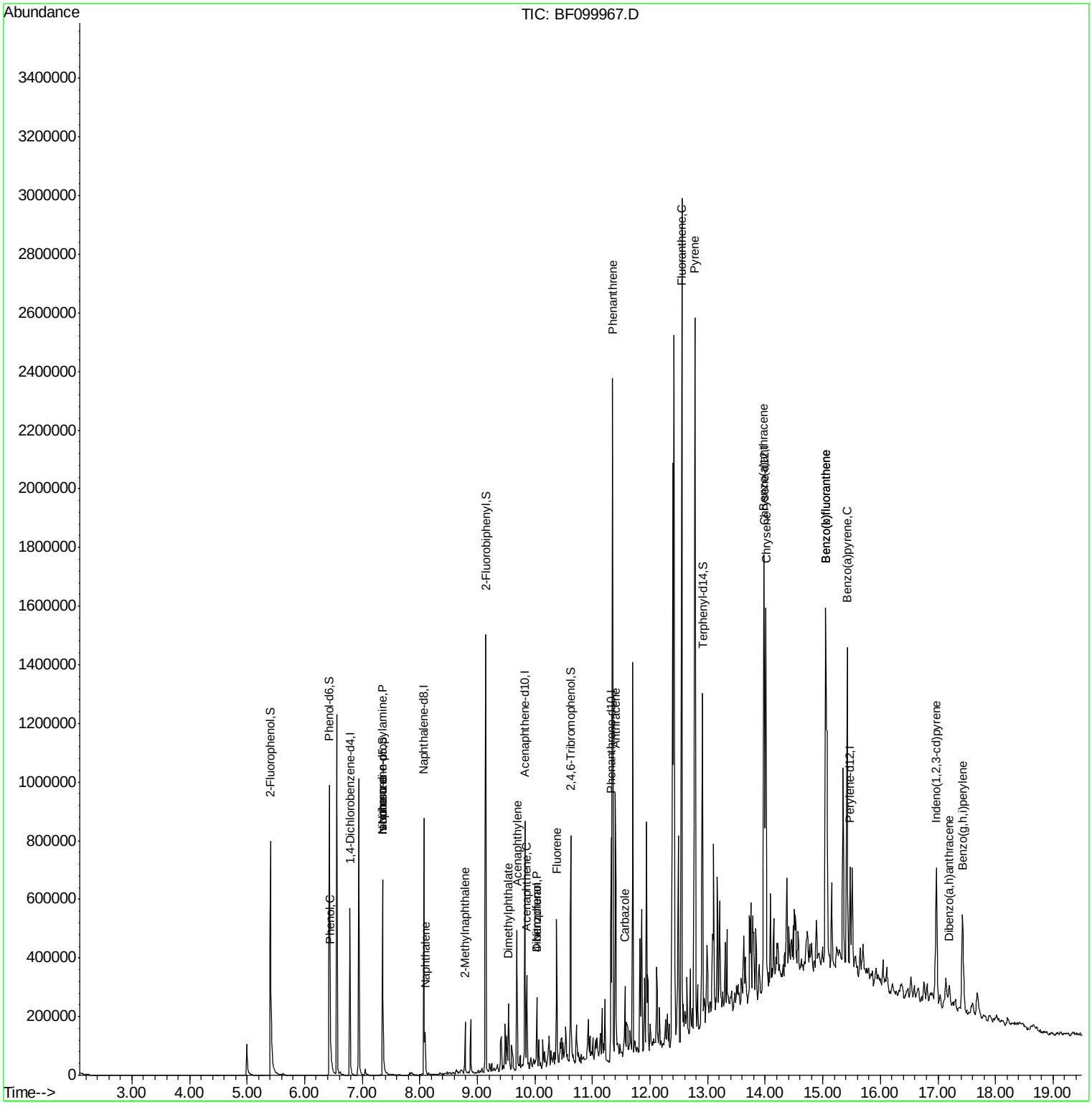
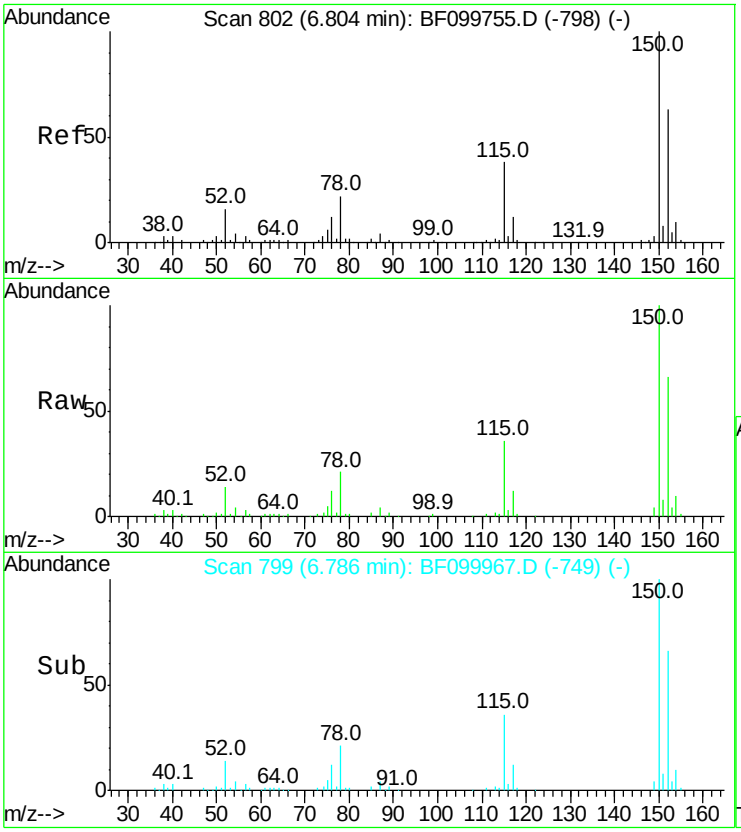


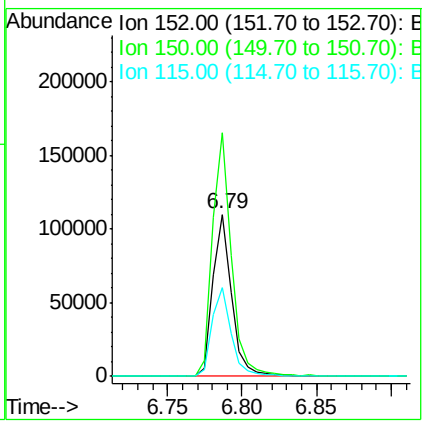


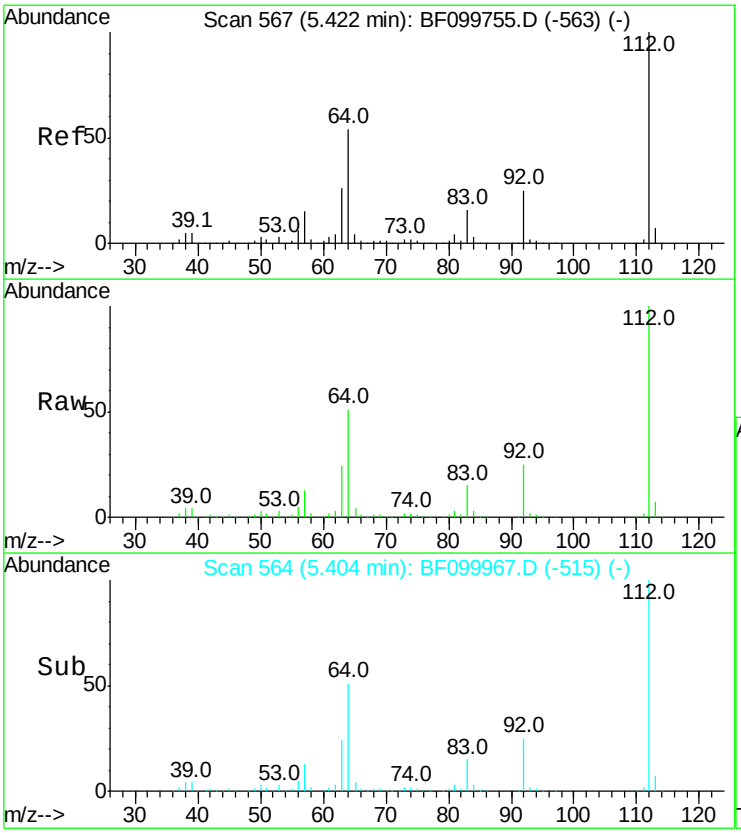
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96686

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.6	186.8
115	54.6	50.1	75.1

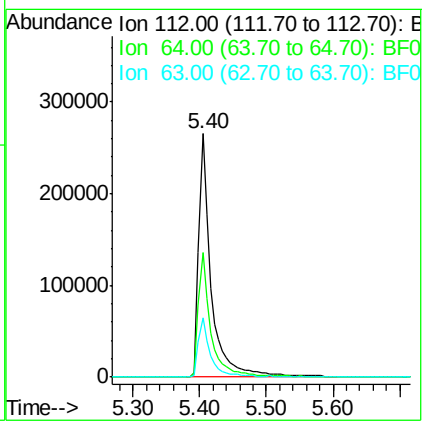


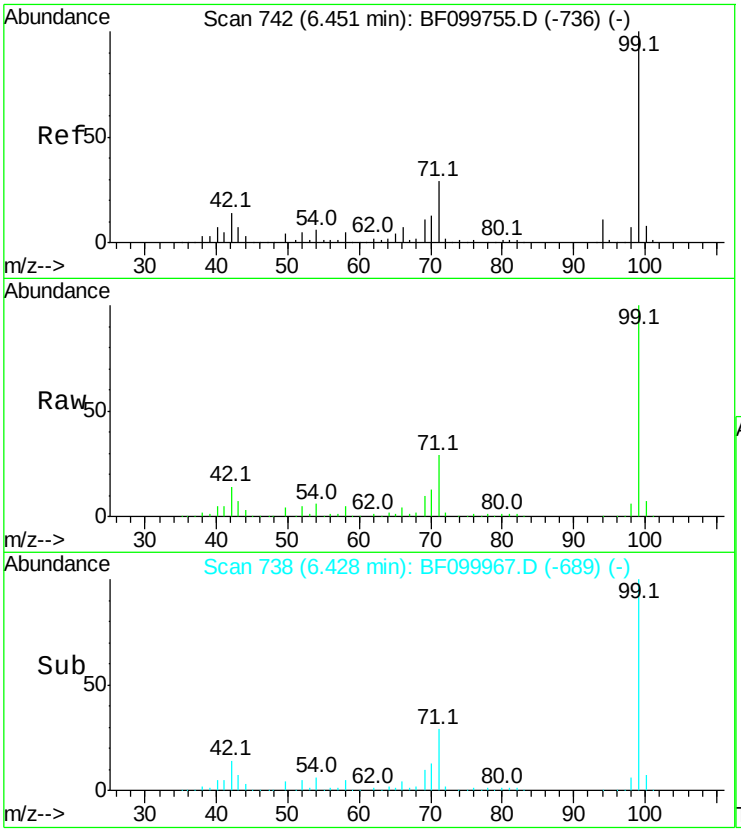


#5
2-Fluorophenol
Concen: 54.305 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:112 Resp: 334435

Ion	Ratio	Lower	Upper
112	100		
64	51.0	47.9	71.9
63	24.5	23.7	35.5



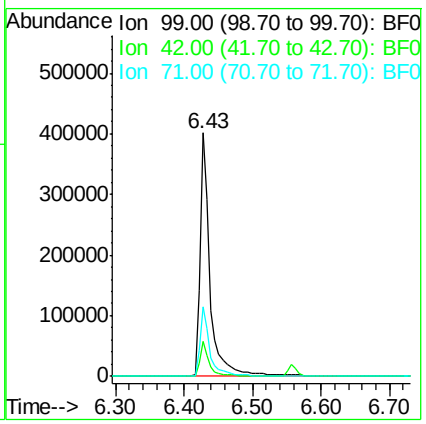


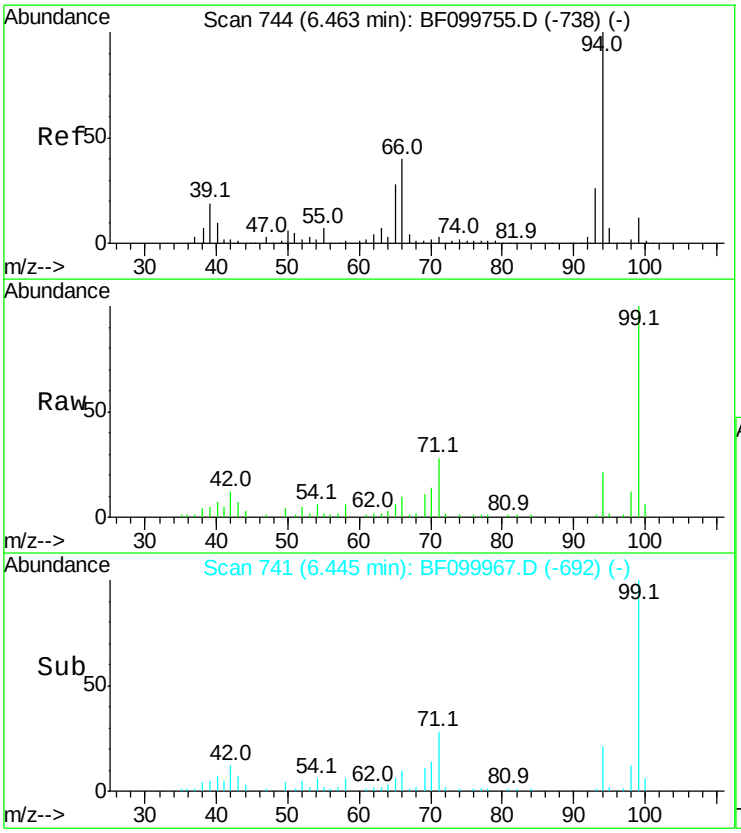
#7
Phenol-d6
Concen: 57.427 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 419348

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	28.6	25.4	38.0

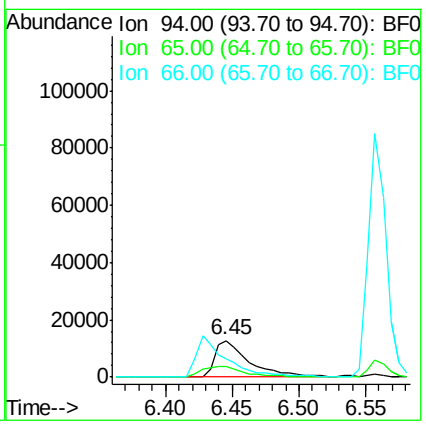


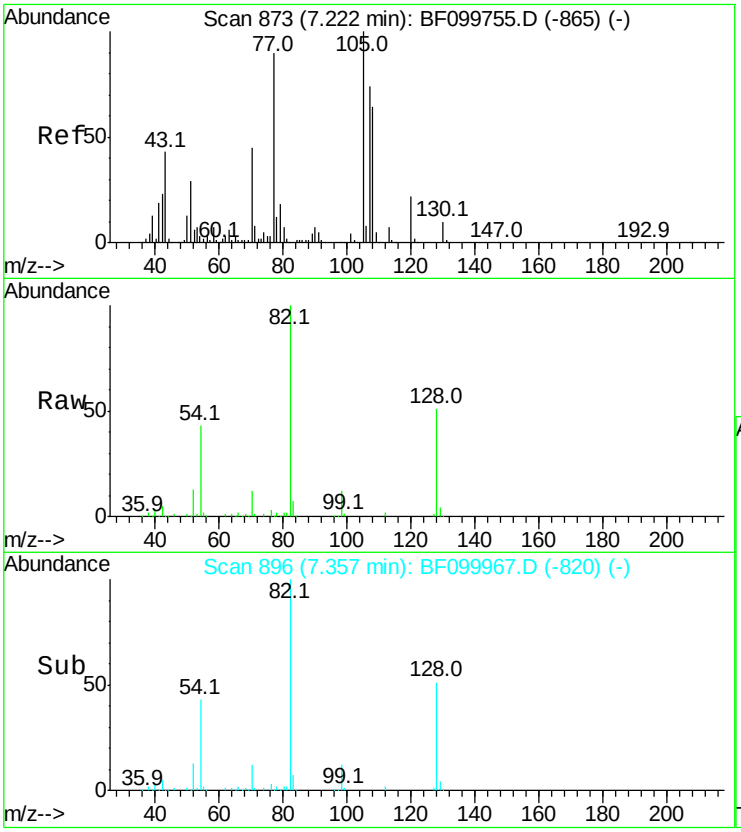


#10
Phenol
Concen: 2.842 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion: 94 Resp: 22785

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	49.4	16.2	56.2



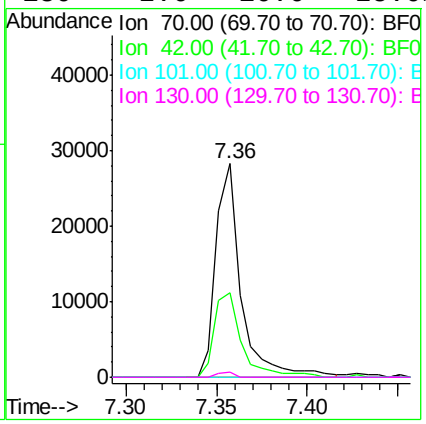


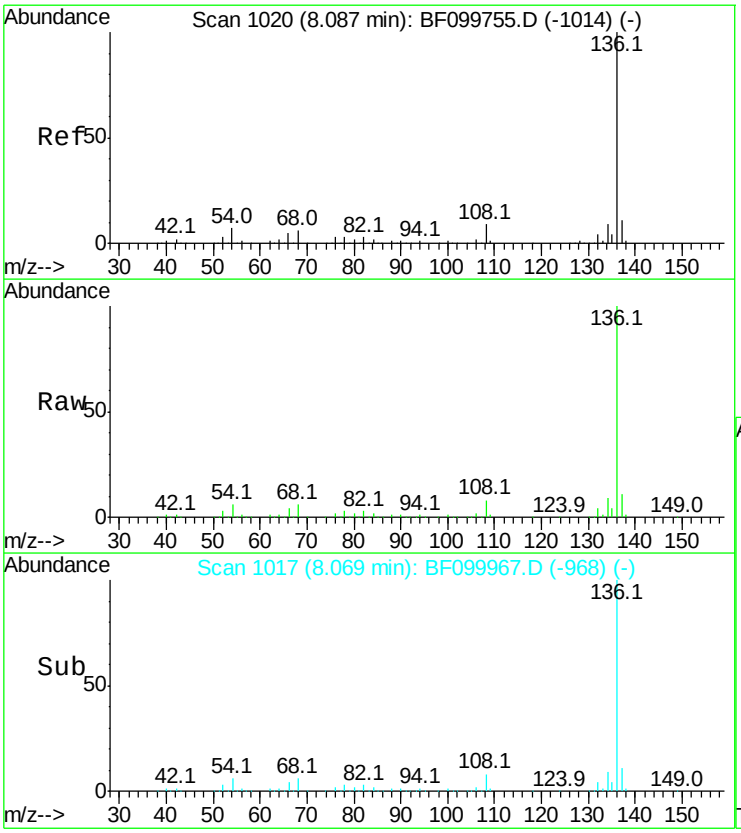
#19
n-Nitroso-di-n-propylamine
Concen: 6.375 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 27279

Ion	Ratio	Lower	Upper
70	100		
42	39.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

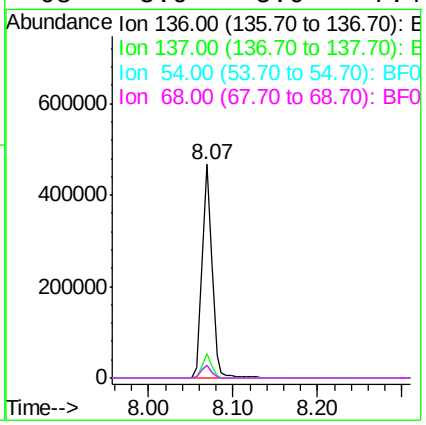


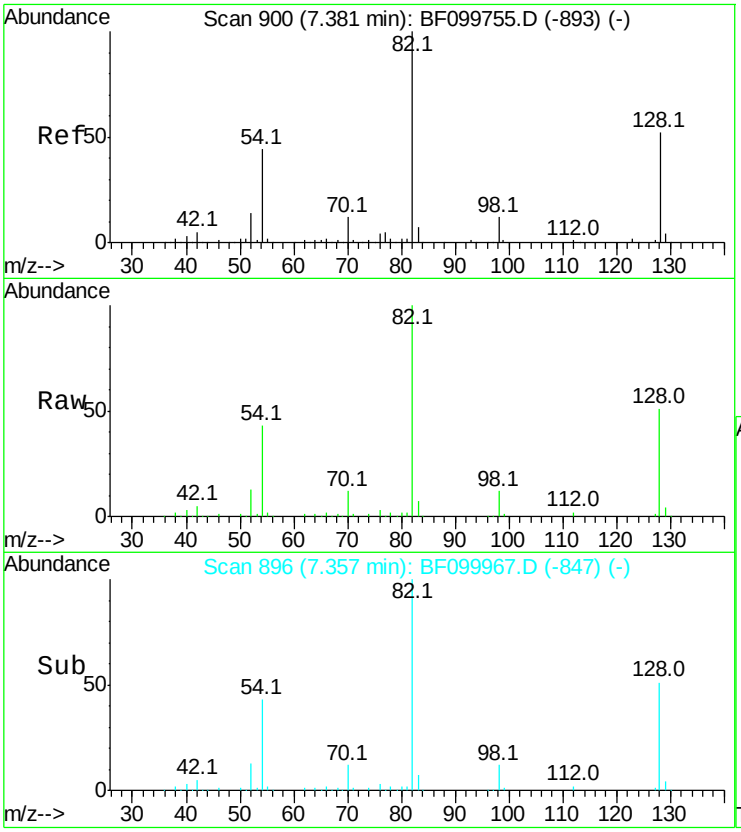


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:136 Resp: 380510

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	6.6	9.8#
68	5.9	5.0	7.4



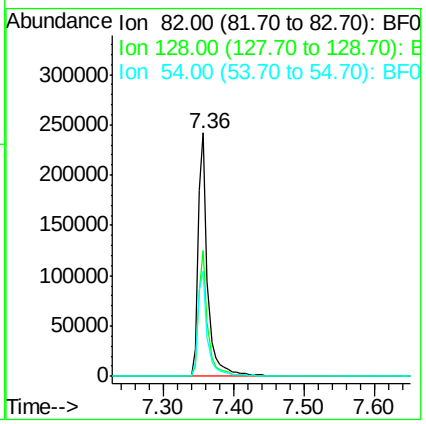


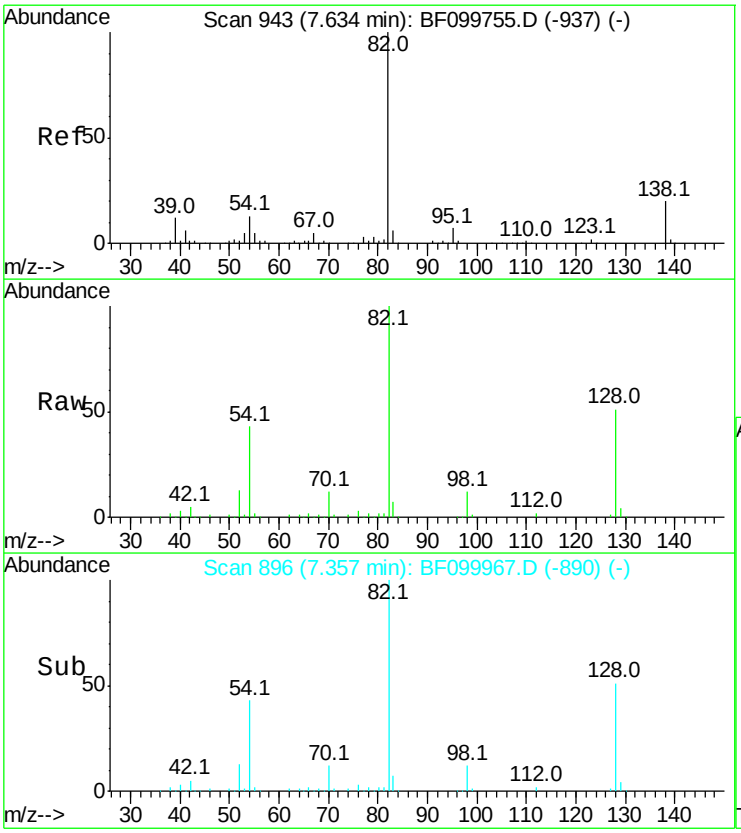
#23
Nitrobenzene-d5
Concen: 39.476 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 233317

Ion	Ratio	Lower	Upper
82	100		
128	51.4	36.1	54.1
54	43.3	41.4	62.2

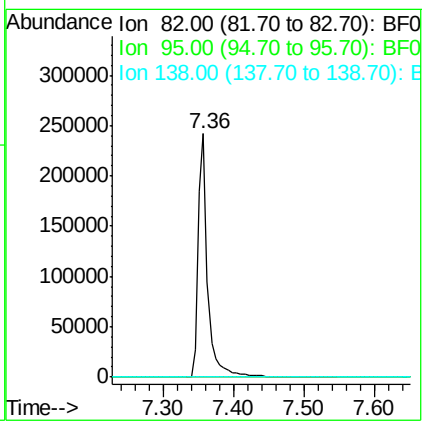


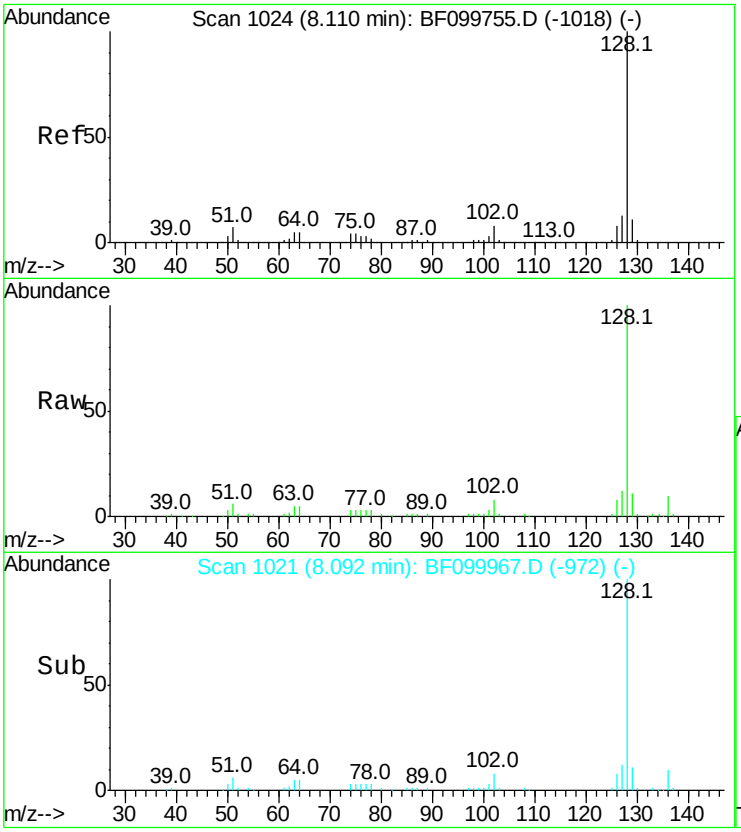


#25
Isophorone
Concen: 21.755 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion: 82 Resp: 233317

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



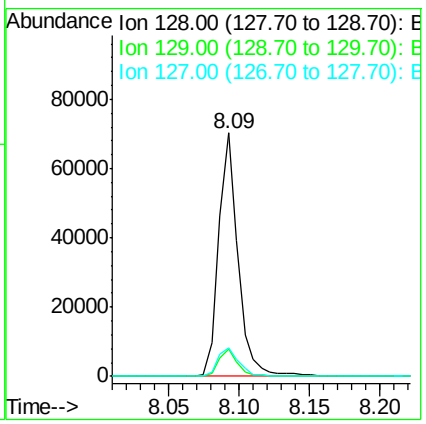


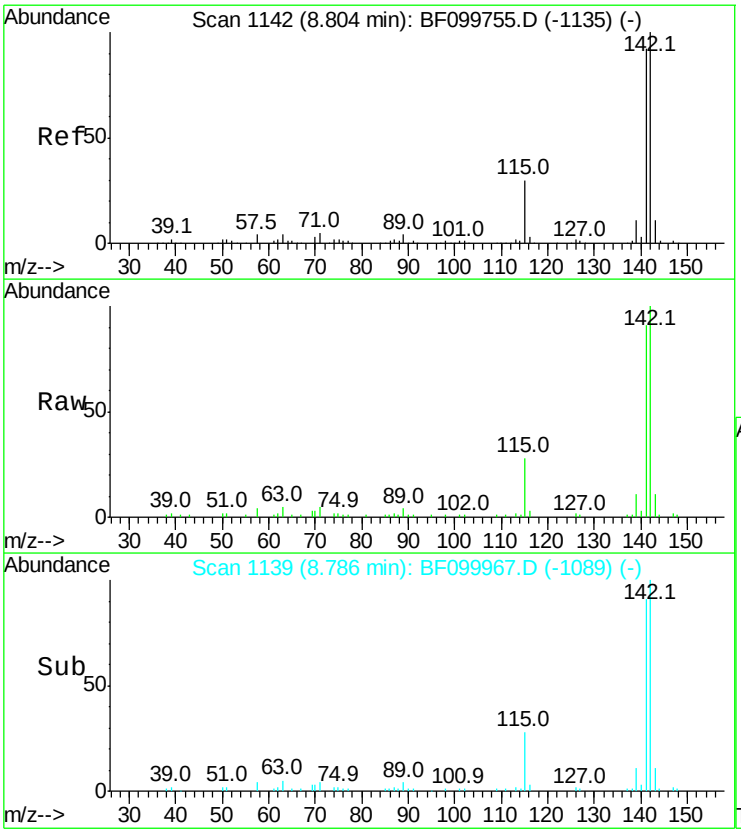
#31
Naphthalene
Concen: 3.662 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 67270

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	11.9	10.9	16.3

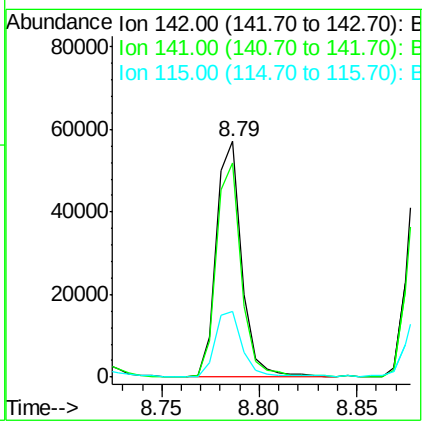


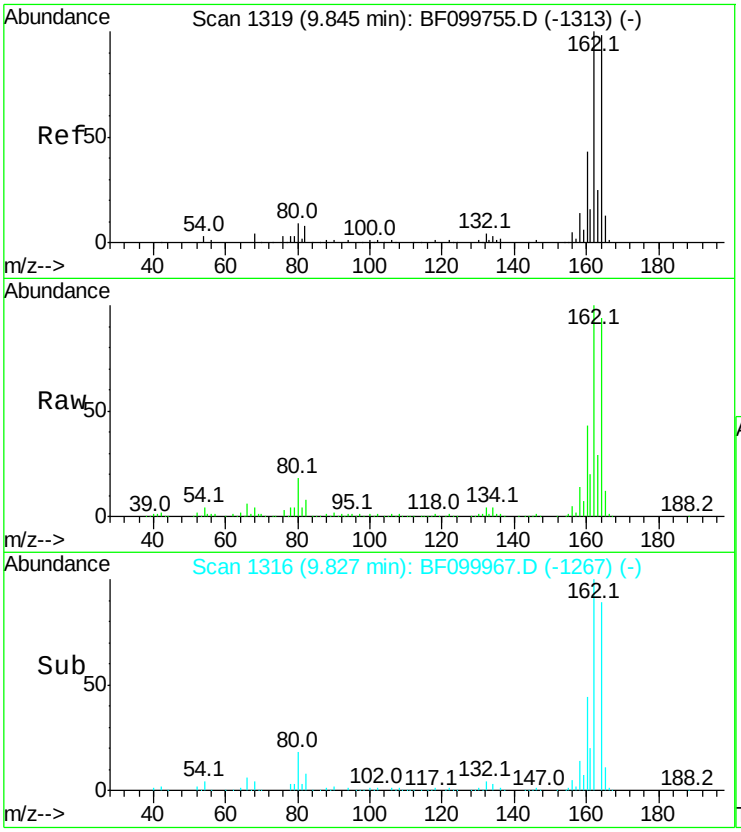


#37
2-Methylnaphthalene
Concen: 4.208 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:142 Resp: 51792

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	28.1	26.1	39.1



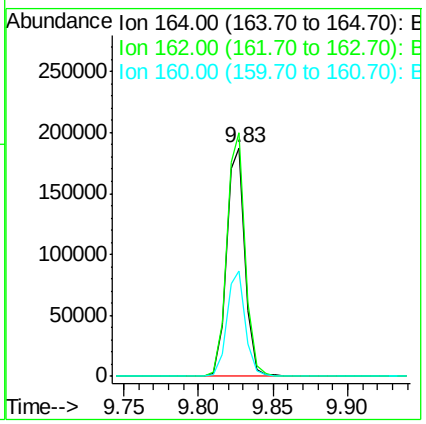


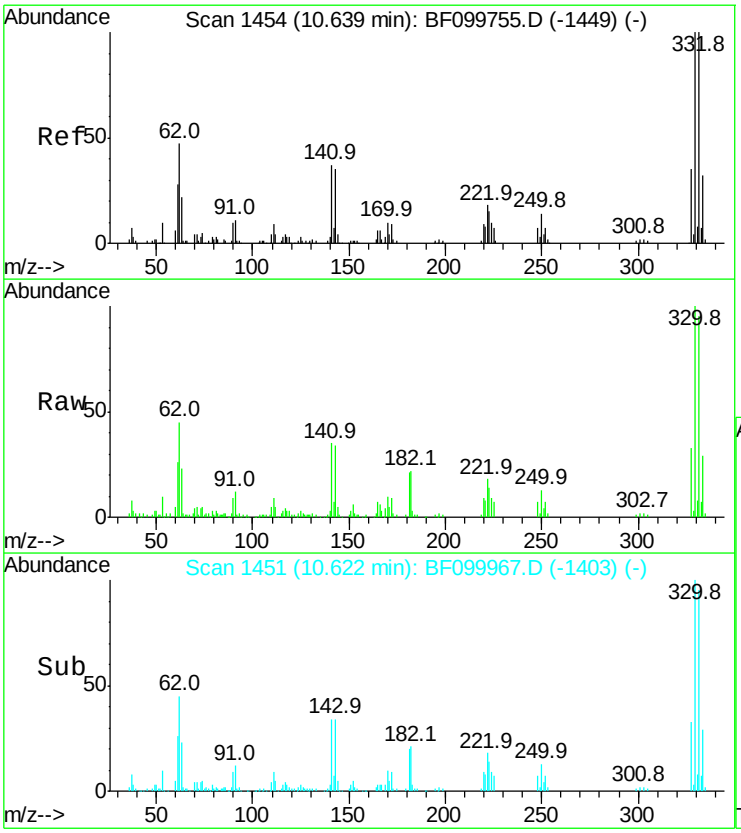
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 164833

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	46.2	38.3	57.5

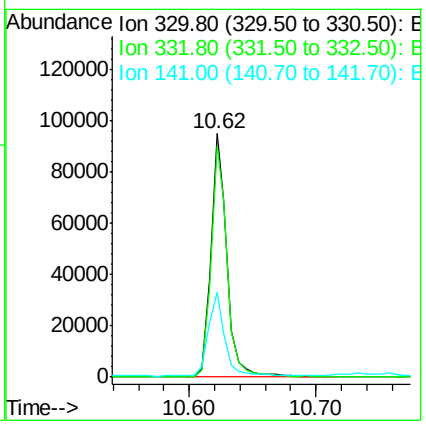


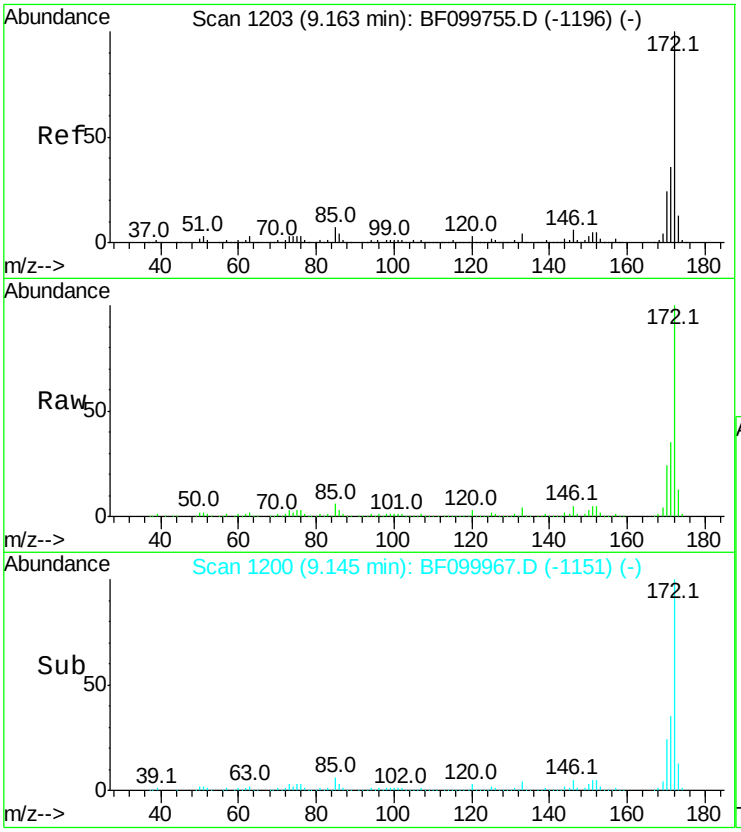


#41
2,4,6-Tribromophenol
Concen: 56.096 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:330 Resp: 84265

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.7	29.9	44.9



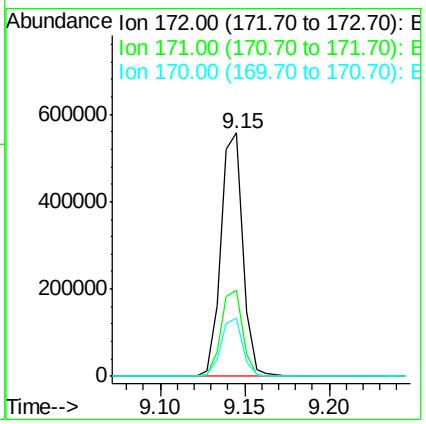


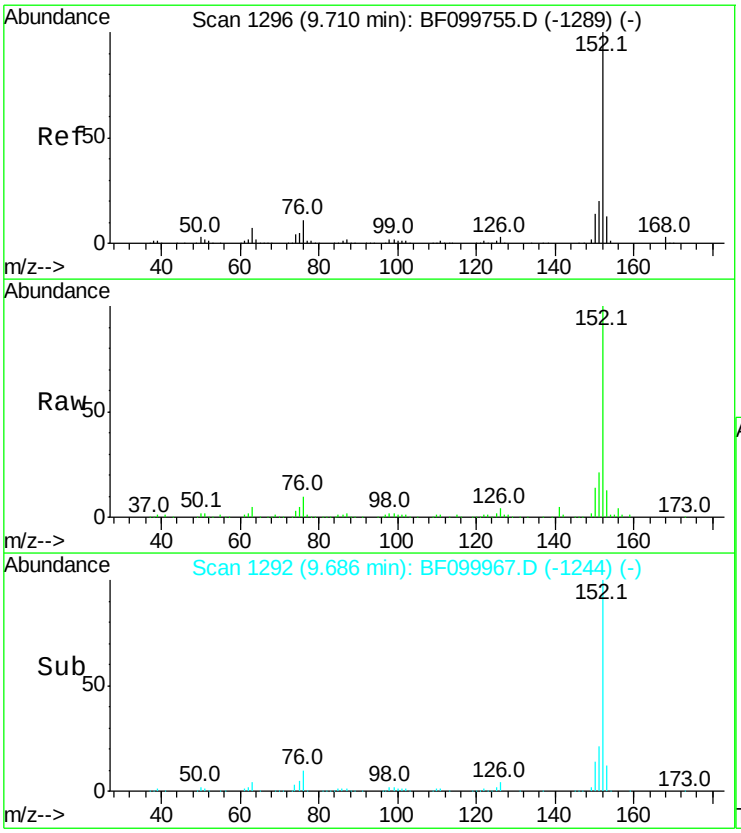
#44
2-Fluorobiphenyl
Concen: 47.263 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 504941

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

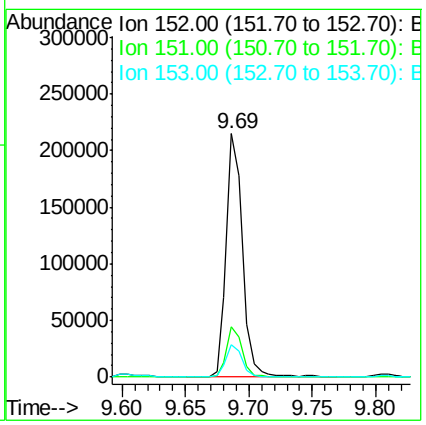


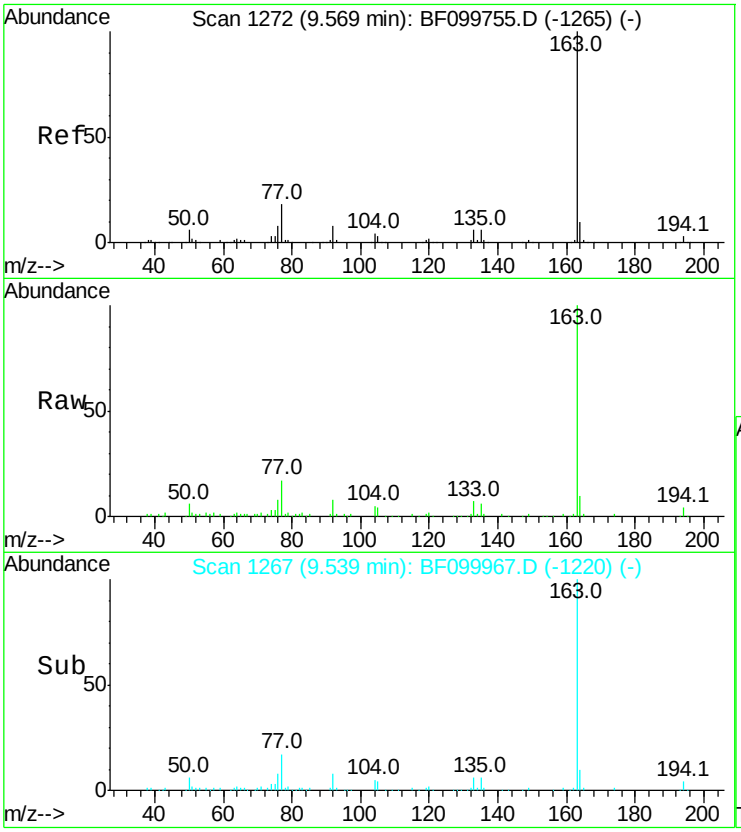


#48
Acenaphthylene
Concen: 11.527 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:152 Resp: 192259

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1



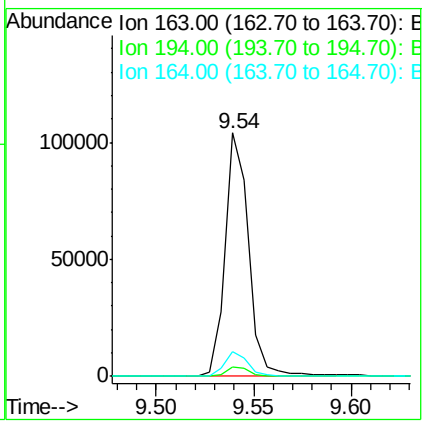


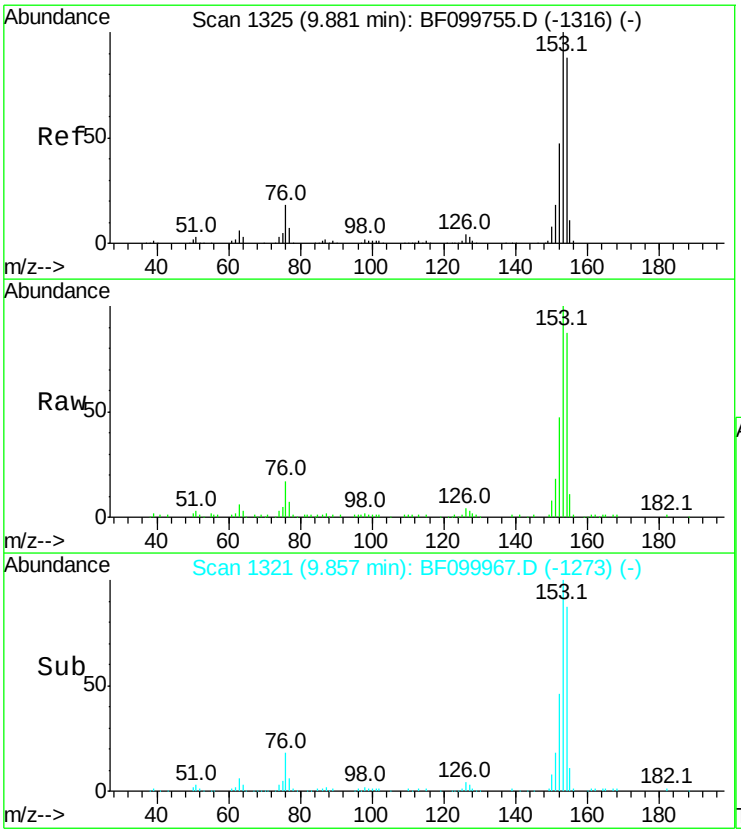
#49
Dimethylphthalate
Concen: 6.637 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 86639

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

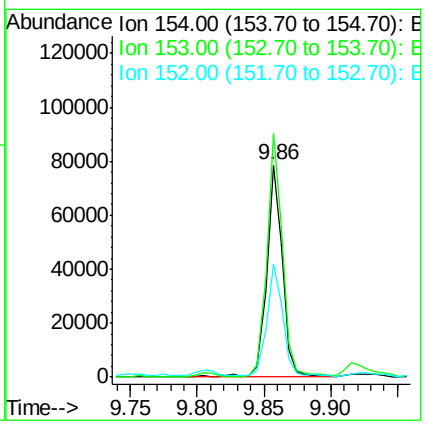


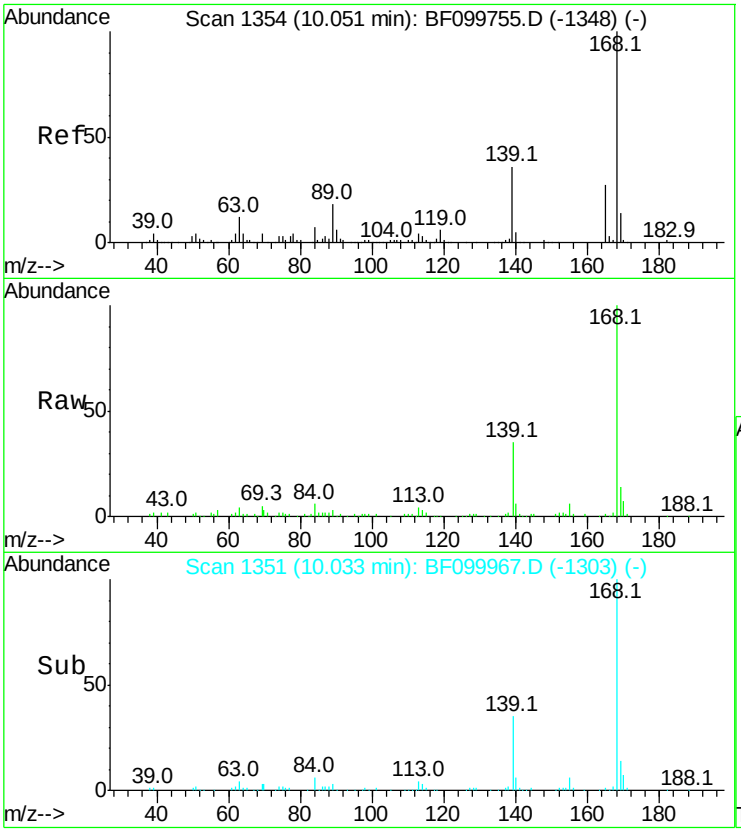


#51
Acenaphthene
Concen: 6.287 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:154 Resp: 64077

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	53.6	43.8	65.8



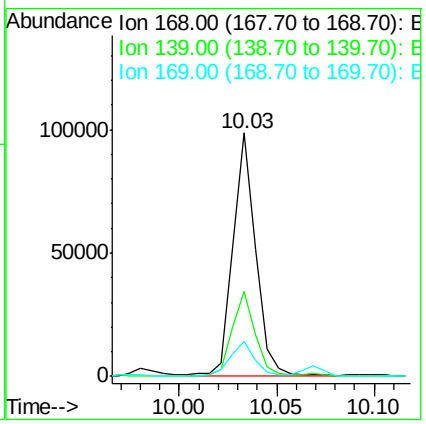


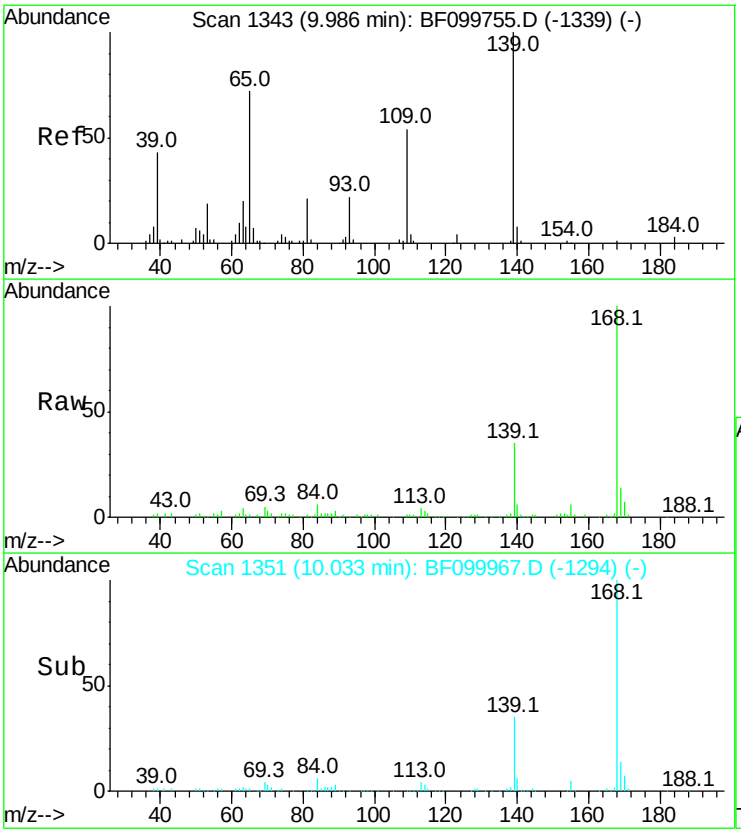
#54
Dibenzofuran
Concen: 5.502 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 79149

Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	14.2	10.9	16.3

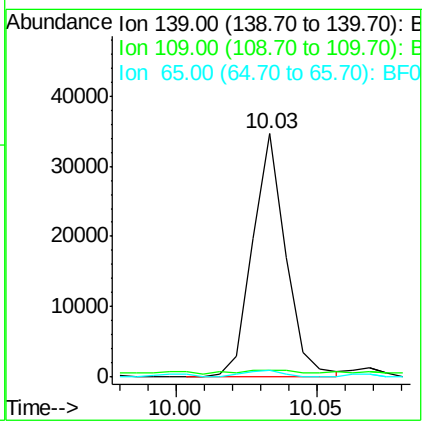


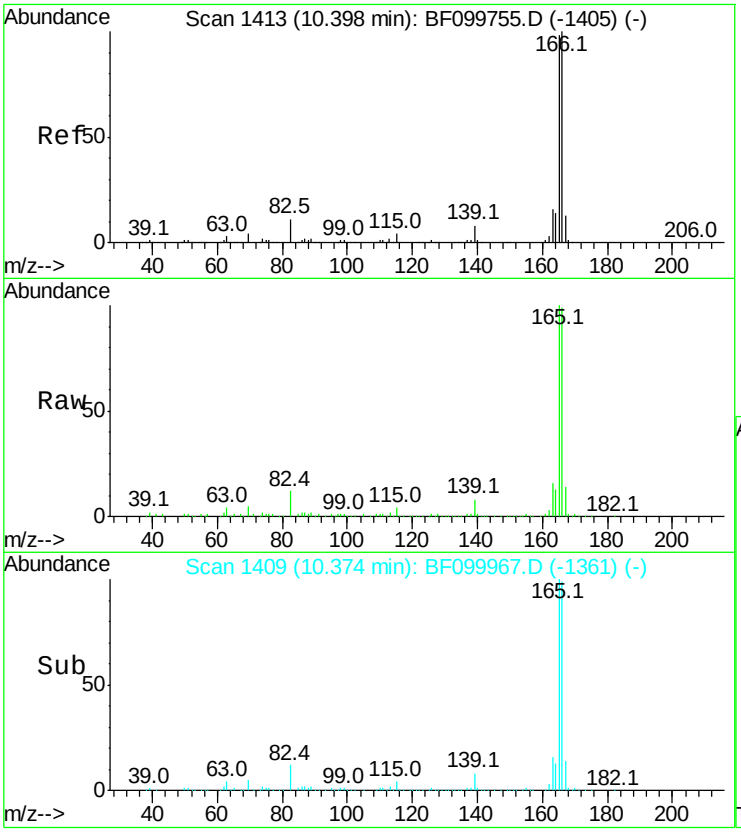


#55
4-Nitrophenol
Concen: 16.770 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:139 Resp: 28332

Ion	Ratio	Lower	Upper
139	100		
109	2.7	48.4	88.4#
65	2.8	72.6	112.6#



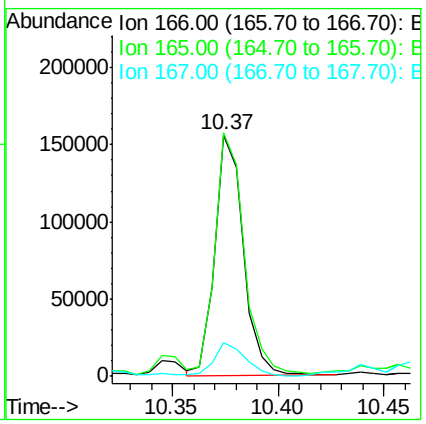


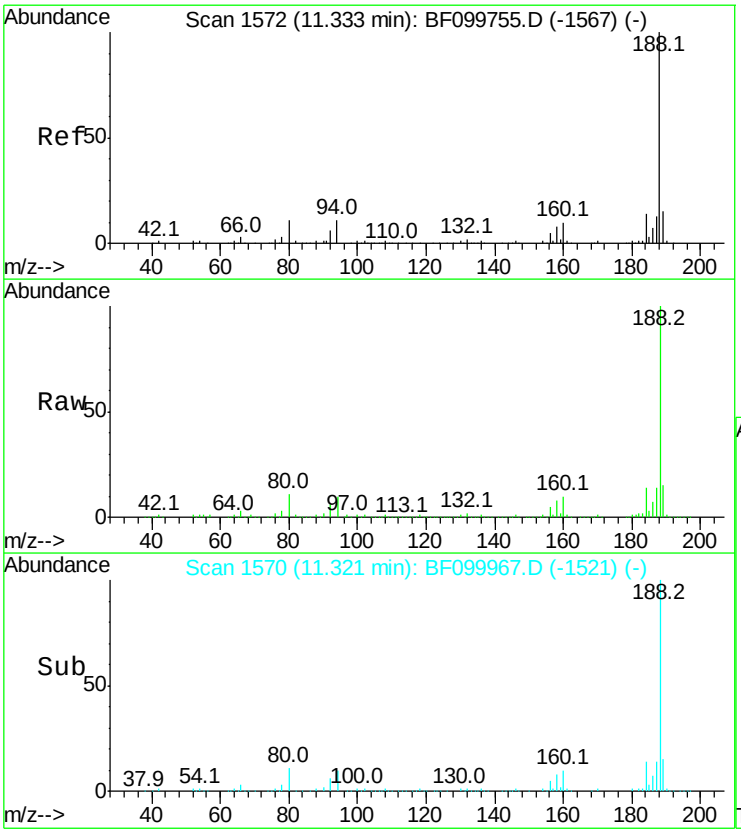
#57
Fluorene
Concen: 12.122 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 144390

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	13.9	10.6	16.0

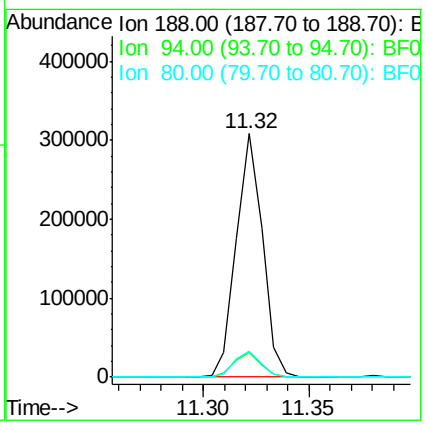


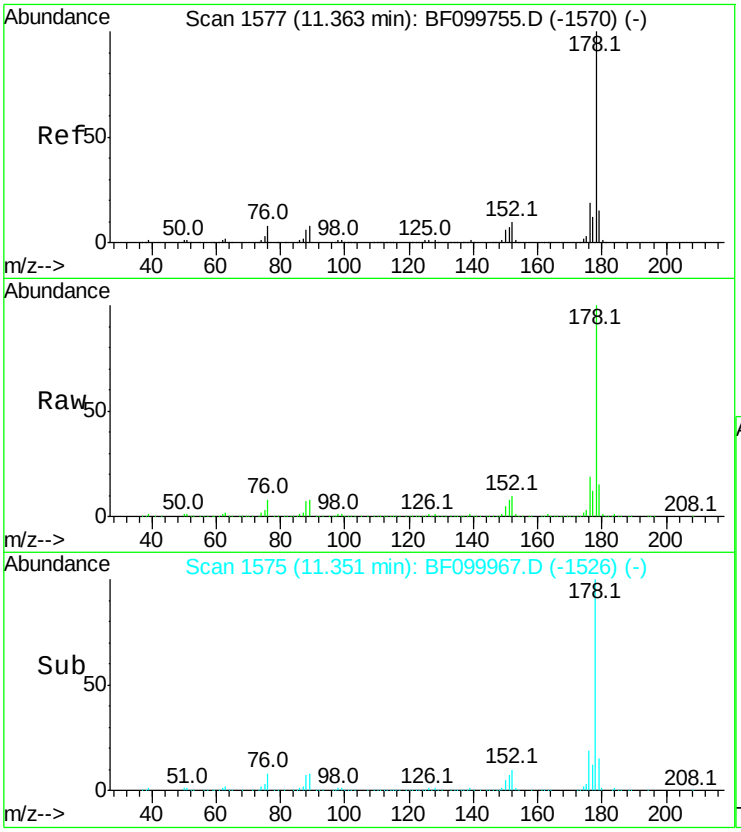


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:188 Resp: 265759

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8



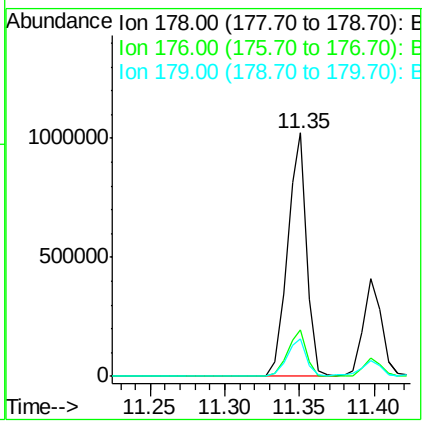


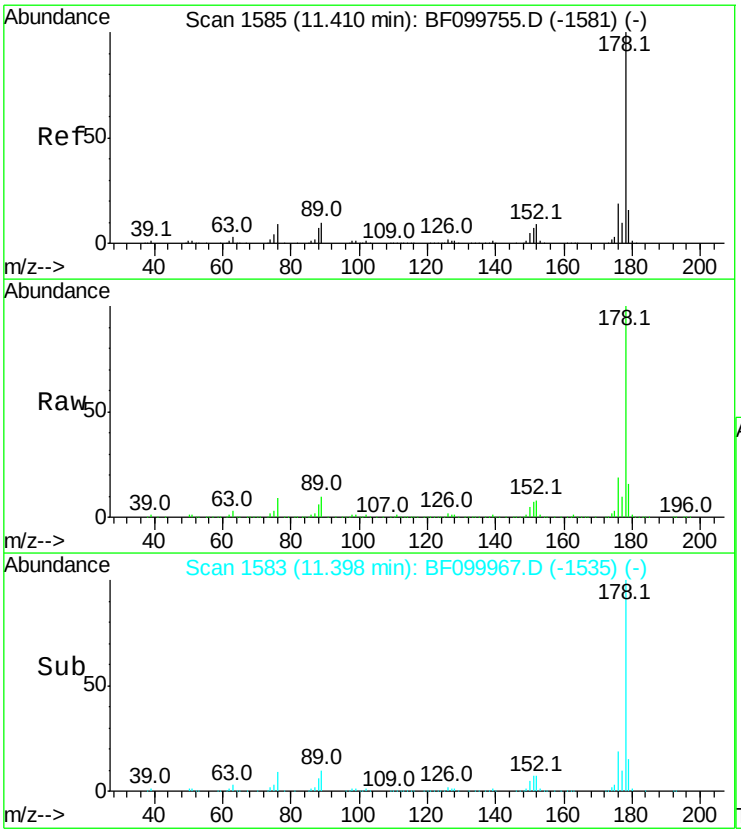
#70
Phenanthrene
Concen: 61.245 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 918550

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6

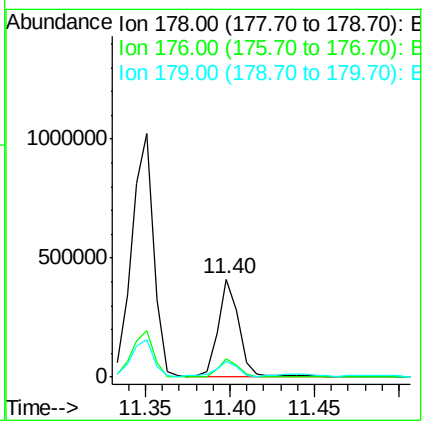


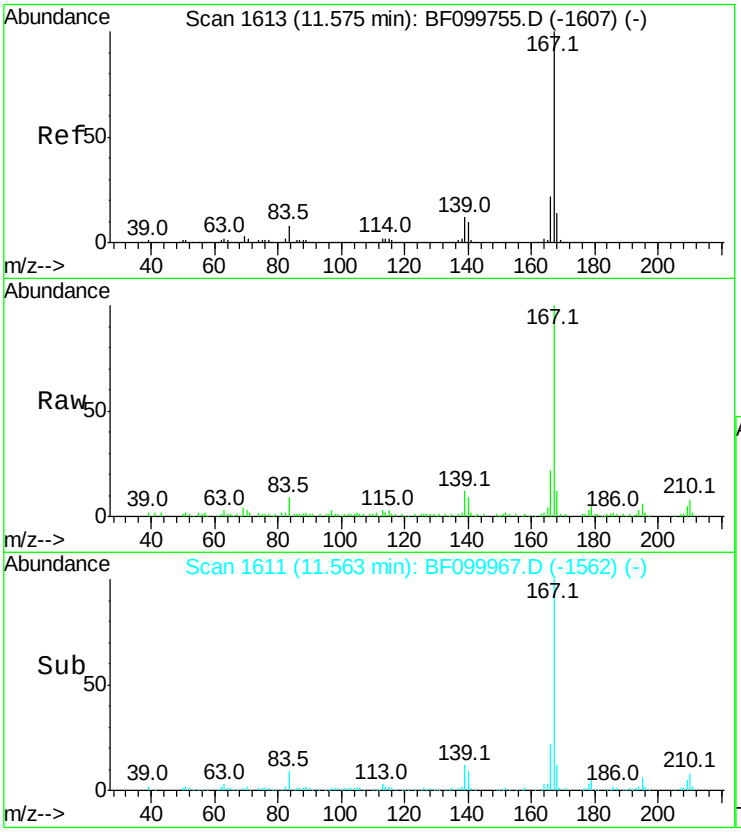


#71
Anthracene
Concen: 23.022 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:178 Resp: 350482

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0



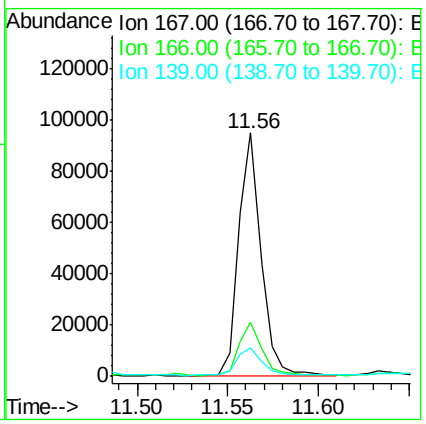


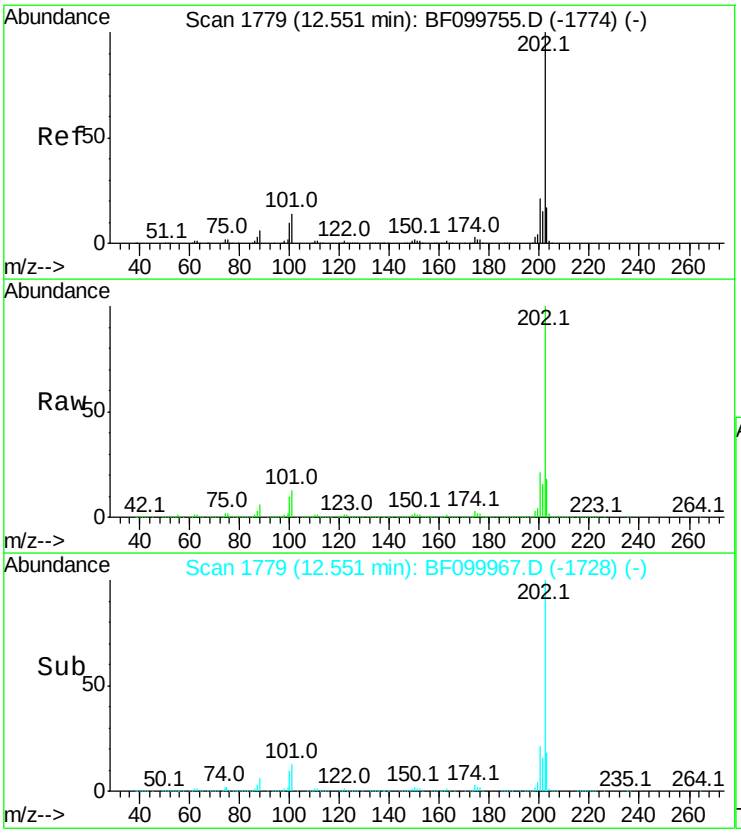
#72
Carbazole
Concen: 5.643 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 80791

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	11.8	10.9	16.3

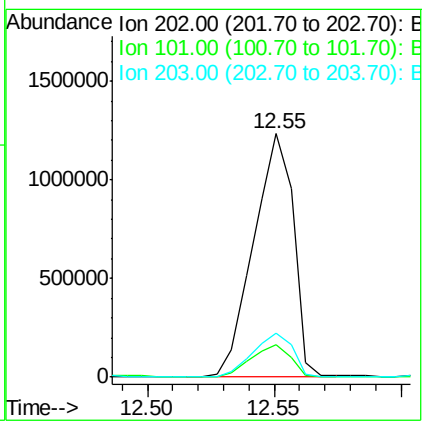


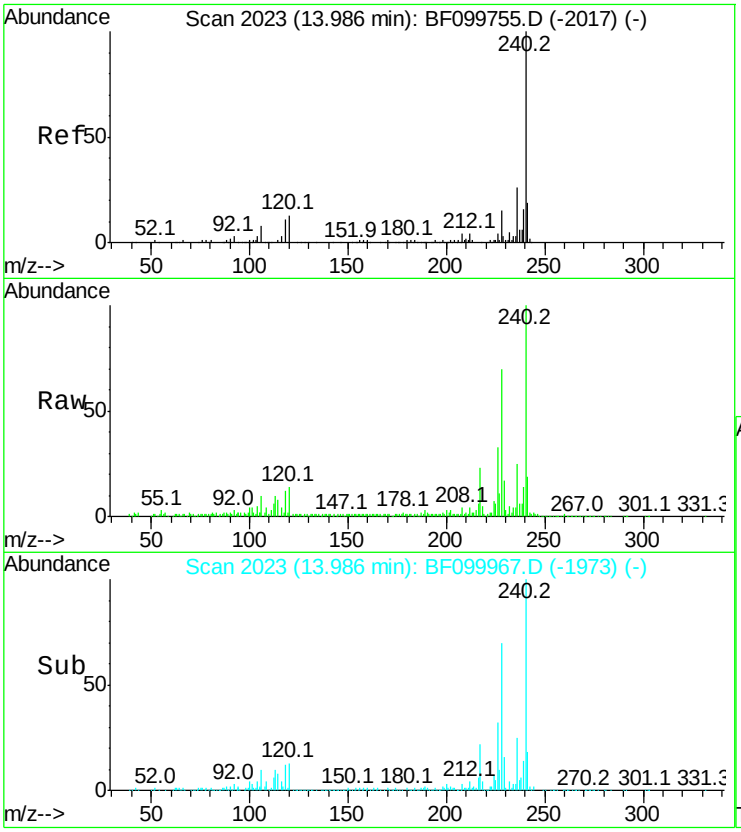


#74
Fluoranthene
Concen: 86.749 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:202 Resp: 1352107

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	18.0	0.0	38.1



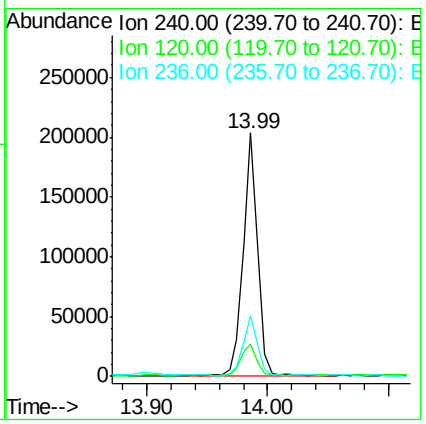


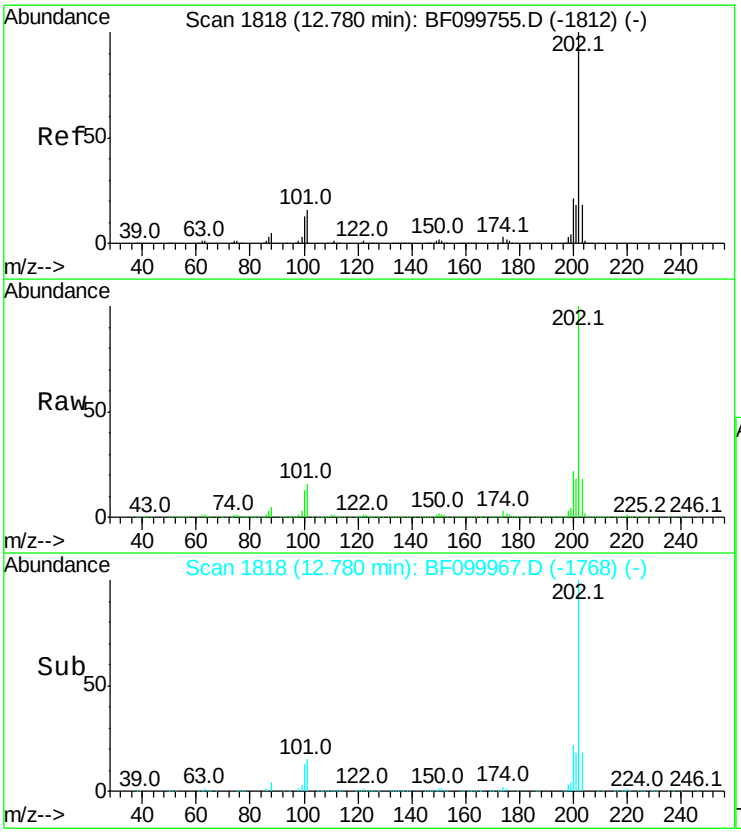
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 169744

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.1	20.7	31.1

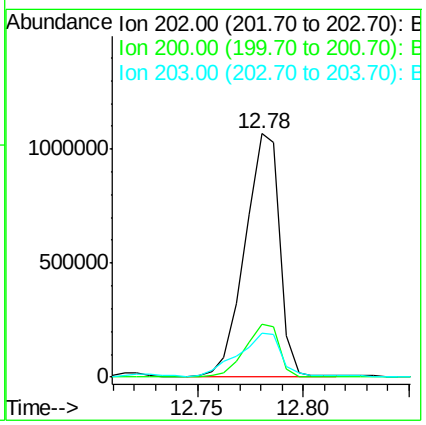


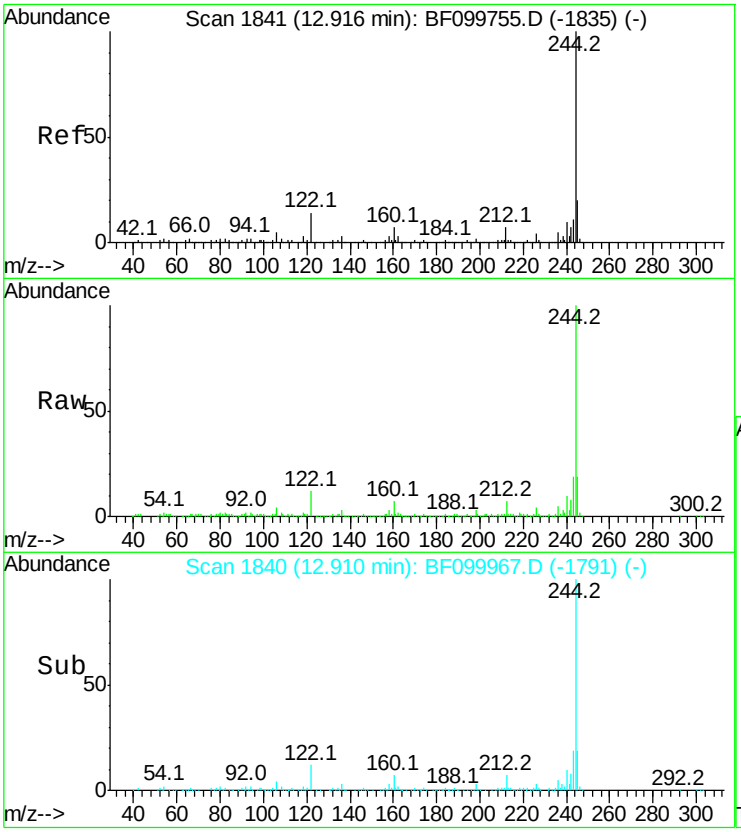


#77
Pyrene
Concen: 94.120 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:202 Resp: 1214827

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.3	14.3	21.5



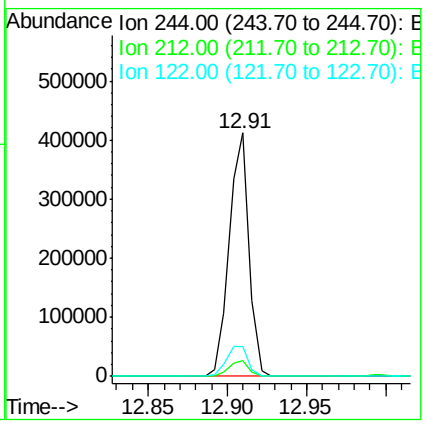


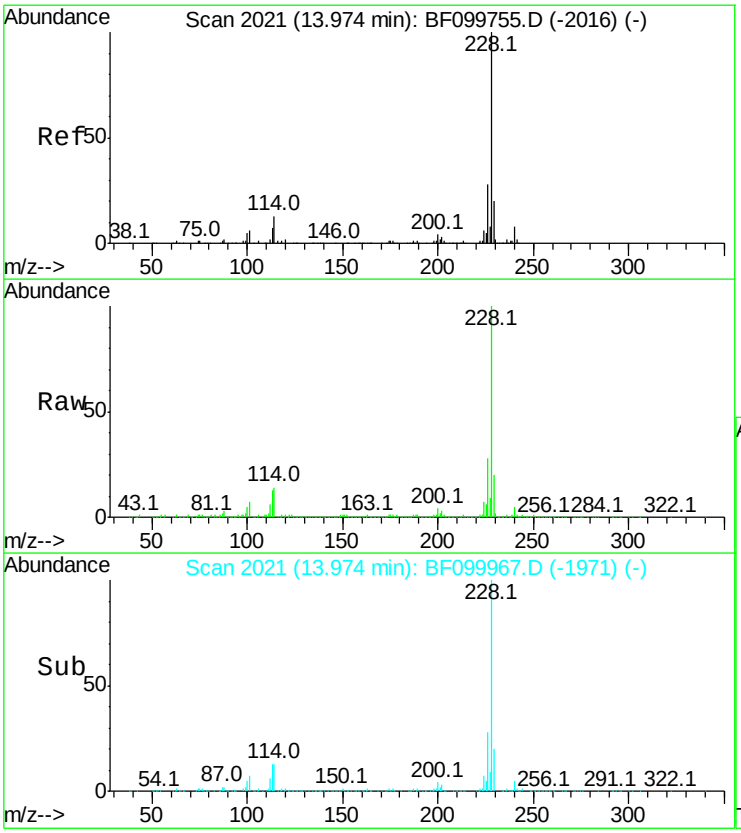
#78
Terphenyl-d14
Concen: 45.858 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 356193

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.2	11.0	16.4

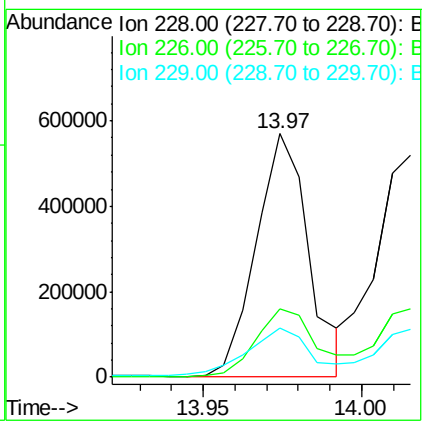


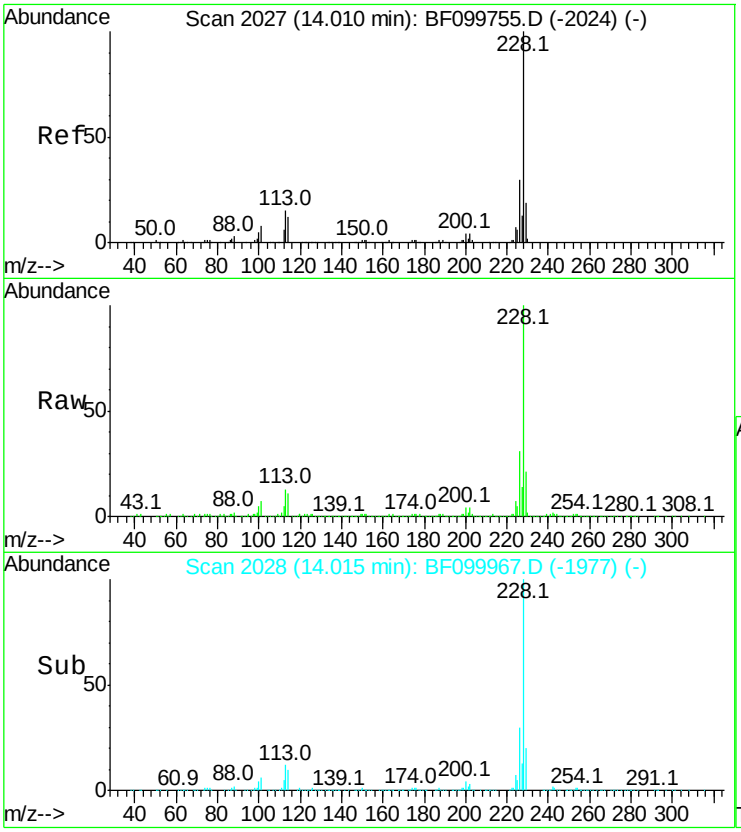


#80
Benzo(a)anthracene
Concen: 60.722 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:228 Resp: 653407

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.8	23.6



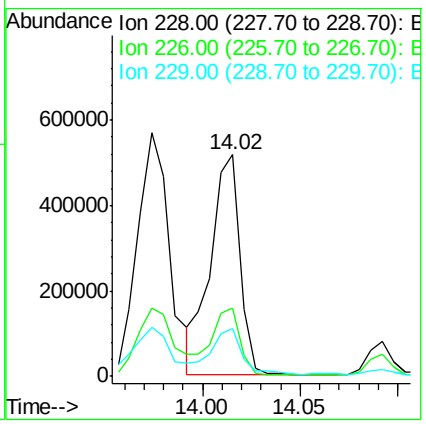


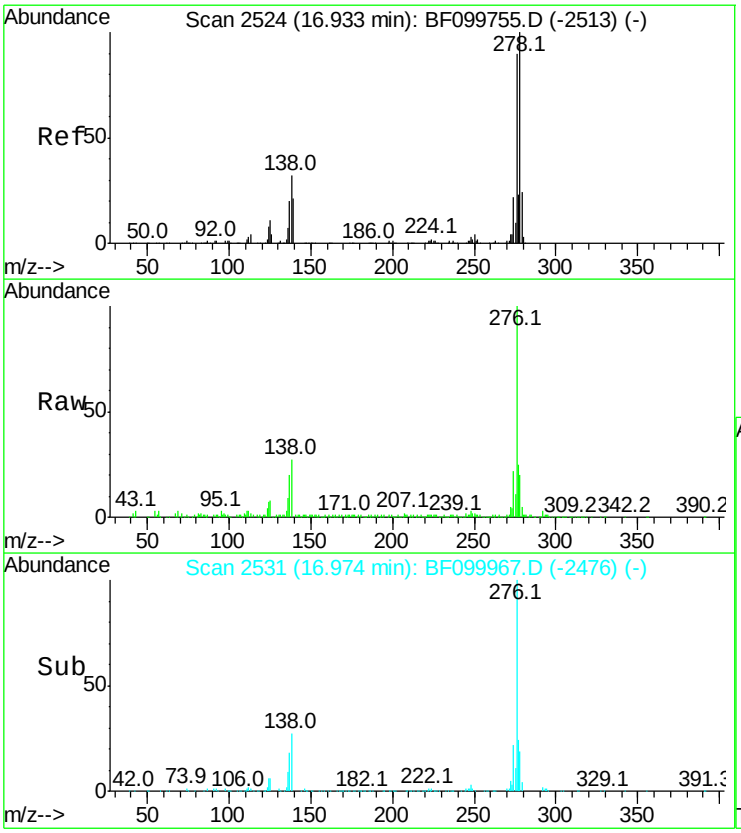
#82
Chrysene
Concen: 53.954 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 545822

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.4	16.2	24.4

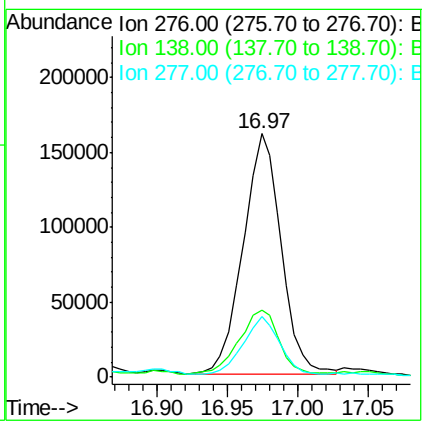


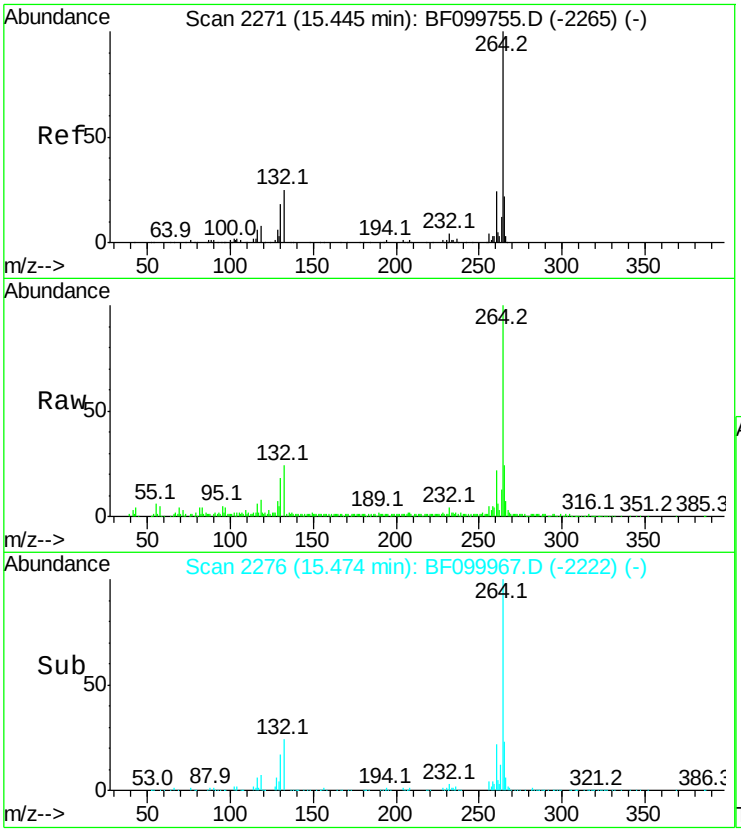


#85
Indeno(1,2,3-cd)pyrene
Concen: 32.622 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:276 Resp: 302959

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	22.9	20.1	30.1



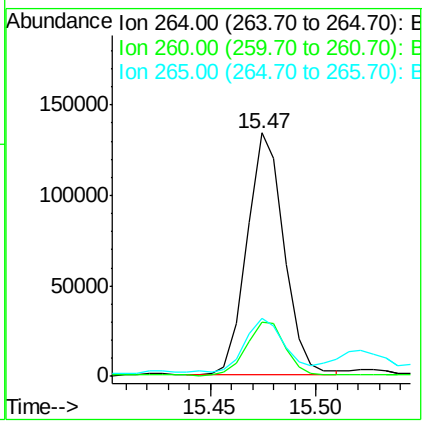


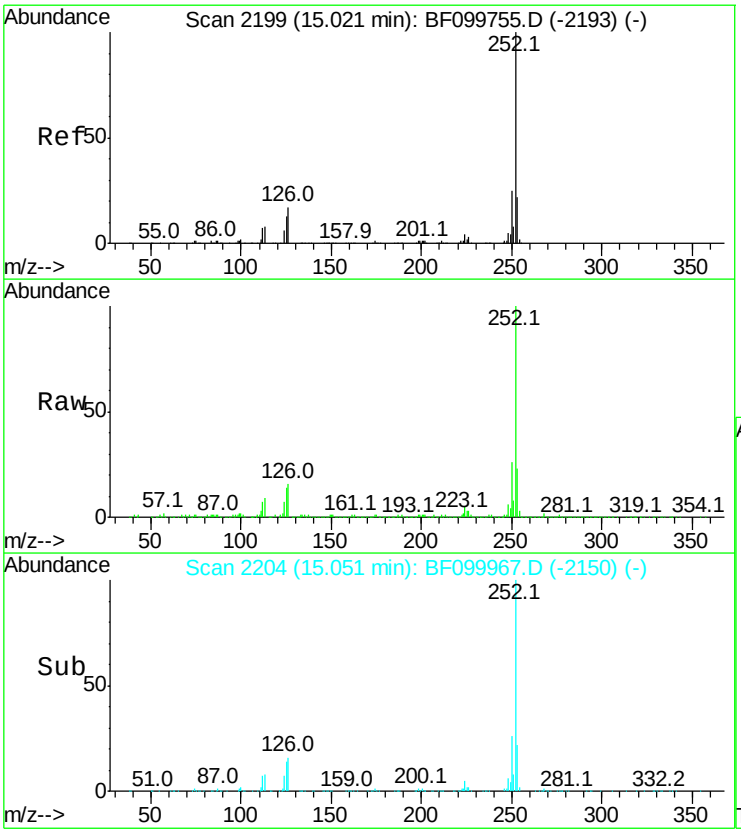
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 162446

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	23.9	17.5	26.3

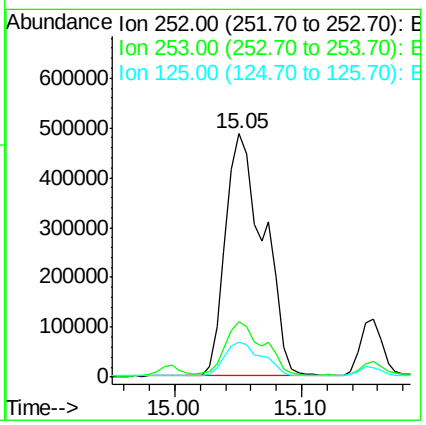


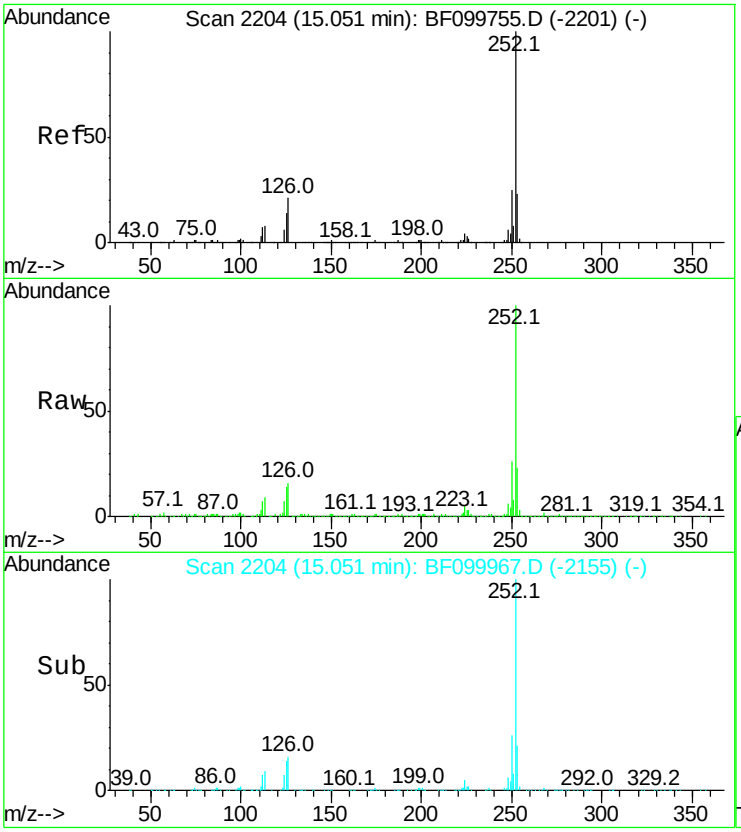


#87
Benzo(b)fluoranthene
Concen: 99.085 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:252 Resp: 1016381

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	14.4	9.0	13.6#



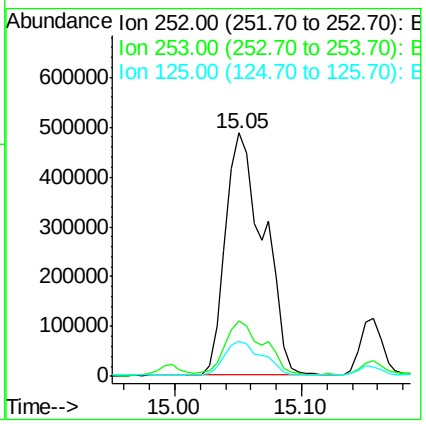


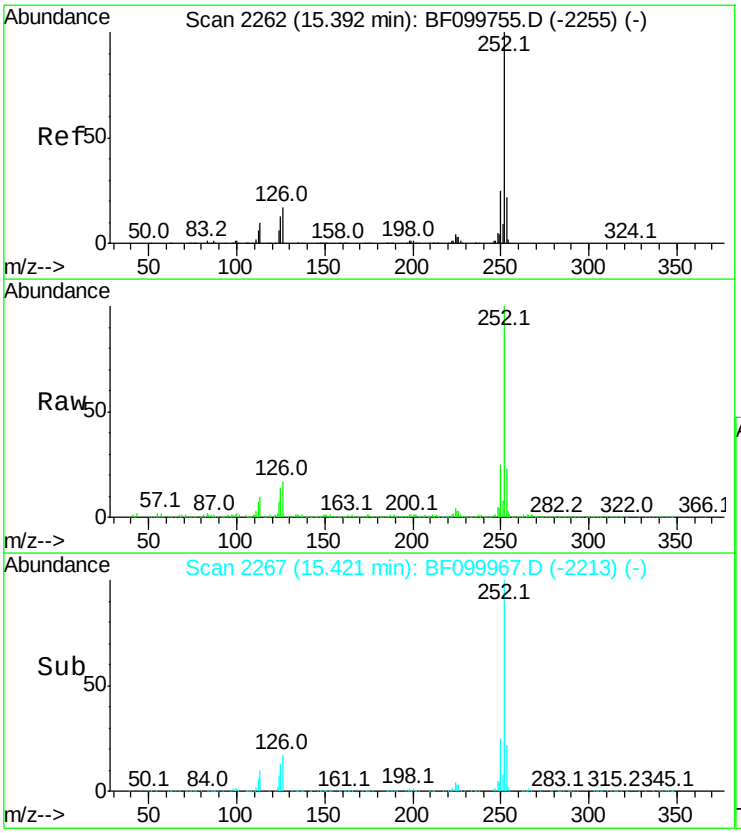
#88
Benzo(k)fluoranthene
Concen: 105.078 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1016381

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.4	10.2	15.2

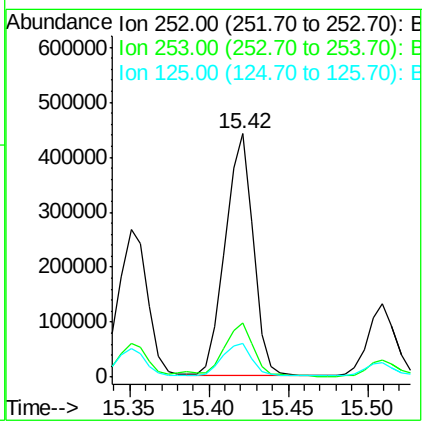


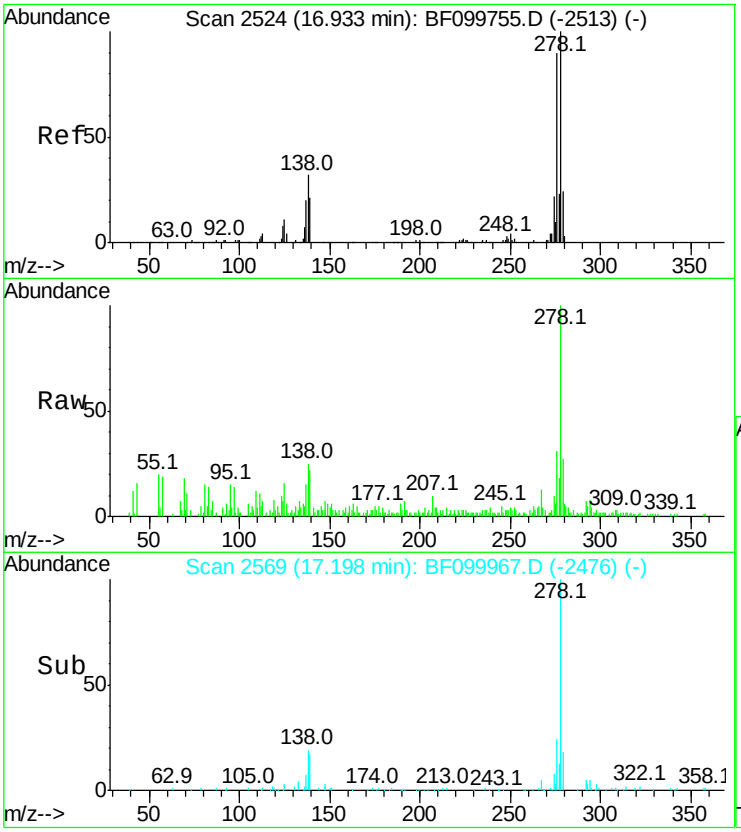


#89
Benzo(a)pyrene
Concen: 58.925 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:252 Resp: 542954

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.9	9.8	14.6



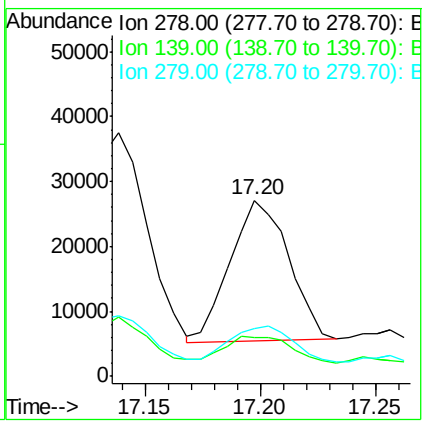


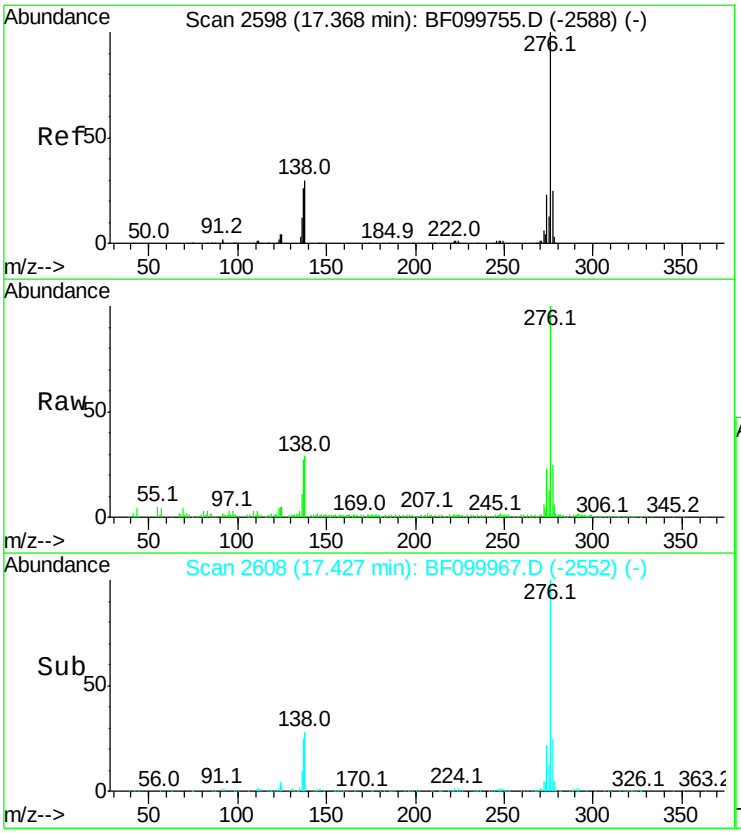
#90
Dibenzo(a,h)anthracene
Concen: 4.683 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.25 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 38341

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	26.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 33.086 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF099967.D
Acq: 30 Oct 2017 18:37

Tgt Ion:276 Resp: 265031

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	28.6	21.8	32.8