Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099873.D
Acq On : 26 Oct 2017 21:11
Operator : SJ/JU
Sample : I6112-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 27 01:47:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61709	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	250786	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	115700	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	209776	20.00	ng		0.00
75) Chrysene-d12	13.99	240	179216	20.00	ng		0.00
86) Perylene-d12	15.49	264	174139	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	363263	92.42	ng		0.00
7) Phenol-d6	6.44	99	443589	95.18	ng		0.00
23) Nitrobenzene-d5	7.36	82	260274	66.82	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	91182	86.48	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	544738	72.64	ng		0.00
78) Terphenyl-d14	12.92	244	492775	60.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	7158	2.57	ng		87
10) Phenol	6.45	94	24548	4.80	ng		88
19) n-Nitroso-di-n-propylamine	7.36	70	34227	12.53	ng	#	70
25) Isophorone	7.36	82	260274	36.82	ng	#	64
31) Naphthalene	8.10	128	30599	2.53	ng		100
37) 2-Methylnaphthalene	8.79	142	17855	2.20	ng		93
48) Acenaphthylene	9.70	152	25441	2.17	ng		98
49) Dimethylphthalate	9.56	163	253800	27.70	ng		99
51) Acenaphthene	9.87	154	22705	3.17	ng		96
54) Dibenzofuran	10.05	168	20234	2.00	ng	#	96
55) 4-Nitrophenol	10.05	139	7603	6.41	ng	#	11
57) Fluorene	10.39	166	30844	3.69	ng		99
62) Azobenzene	10.55	77	100311	13.37	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	6135	2.78	ng	#	1
70) Phenanthrene	11.36	178	478825	40.45	ng		98
71) Anthracene	11.41	178	112519	9.36	ng		98
72) Carbazole	11.57	167	49218	4.36	ng		96
74) Fluoranthene	12.56	202	704182	57.24	ng		98
77) Pyrene	12.79	202	697235	51.16	ng		99
80) Benzo(a)anthracene	13.98	228	412878	36.34	ng		99
82) Chrysene	14.02	228	371214	34.75	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	201544	20.55	ng		96
87) Benzo(b)fluoranthene	15.05	252	643935	58.56	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	643506	62.06	ng		98
89) Benzo(a)pyrene	15.43	252	362502	36.70	ng		96
90) Dibenzo(a,h)anthracene	16.78	278	35262	4.02	ng		92
91) Benzo(g,h,i)perylene	17.44	276	195624	22.78	ng		96

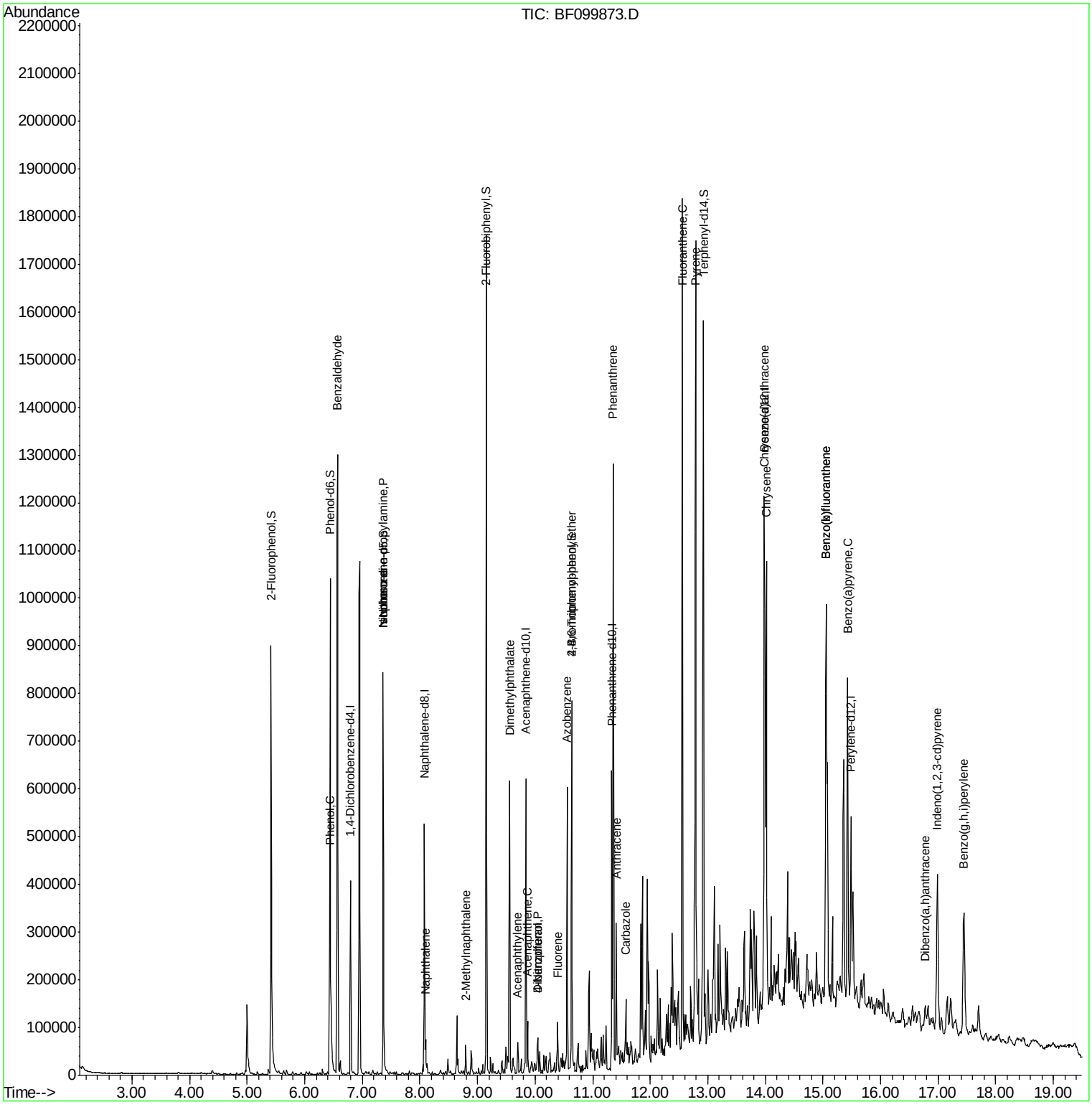
(#) = qualifier out of range (m) = manual integration (+) = signals summed

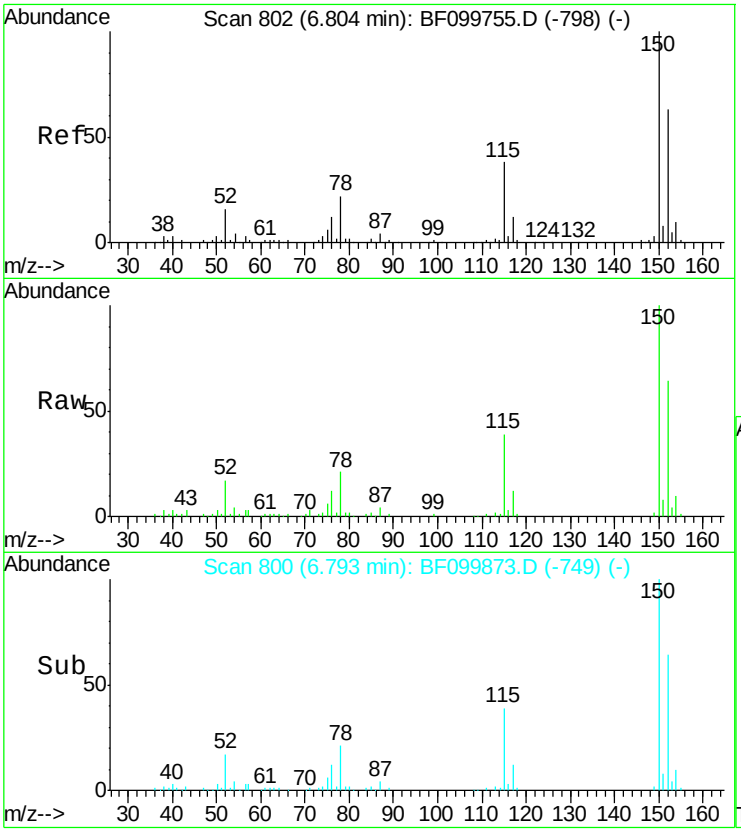
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099873.D
Acq On : 26 Oct 2017 21:11
Operator : SJ/JU
Sample : I6112-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 27 01:47:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration

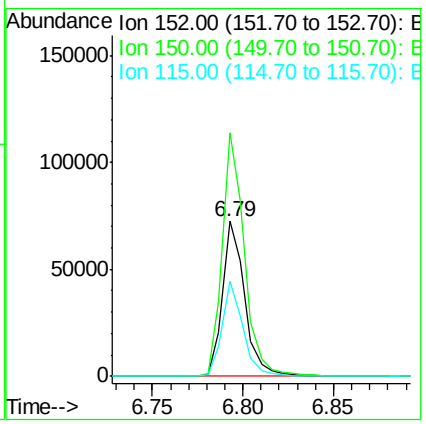




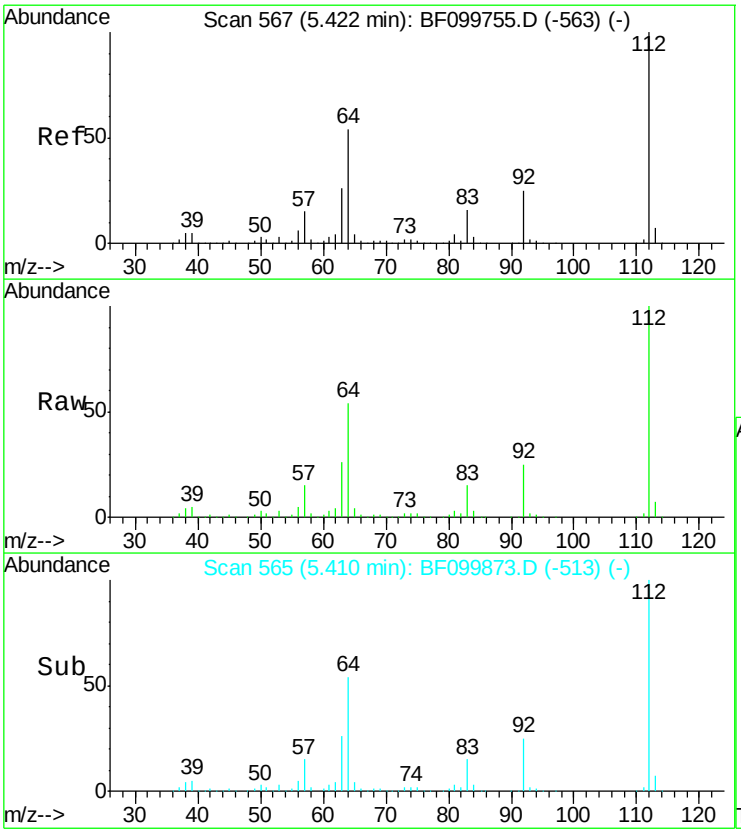
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:152 Resp: 61709

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	61.2	50.1	75.1



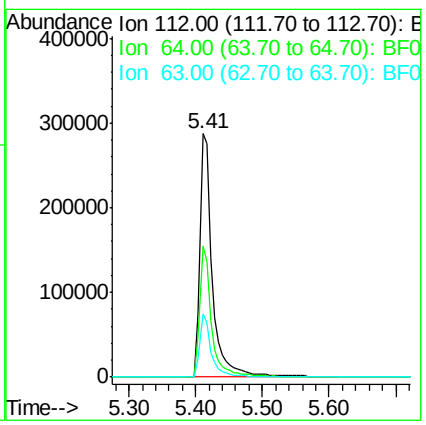
Instrument :
BNA_F
ClientSampleId :

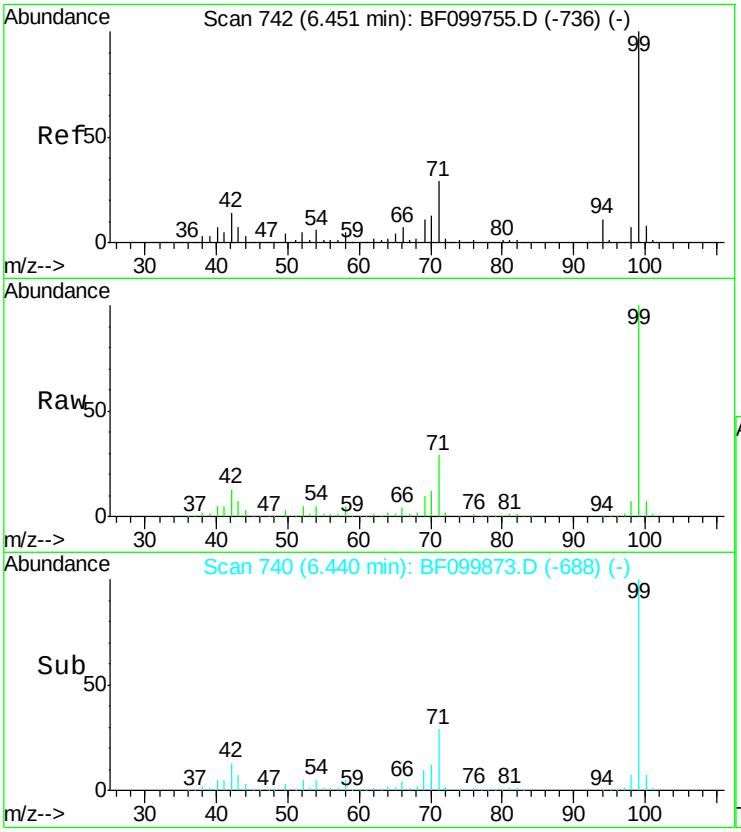


#5
2-Fluorophenol
Concen: 92.42 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:112 Resp: 363263

Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	25.8	23.7	35.5



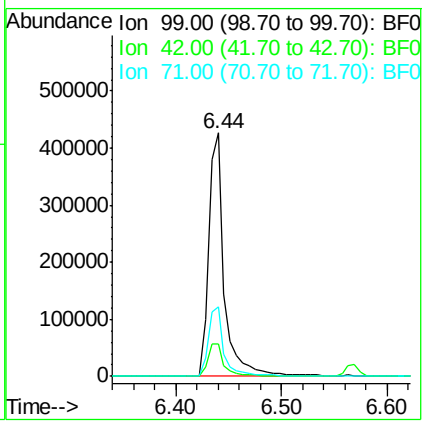


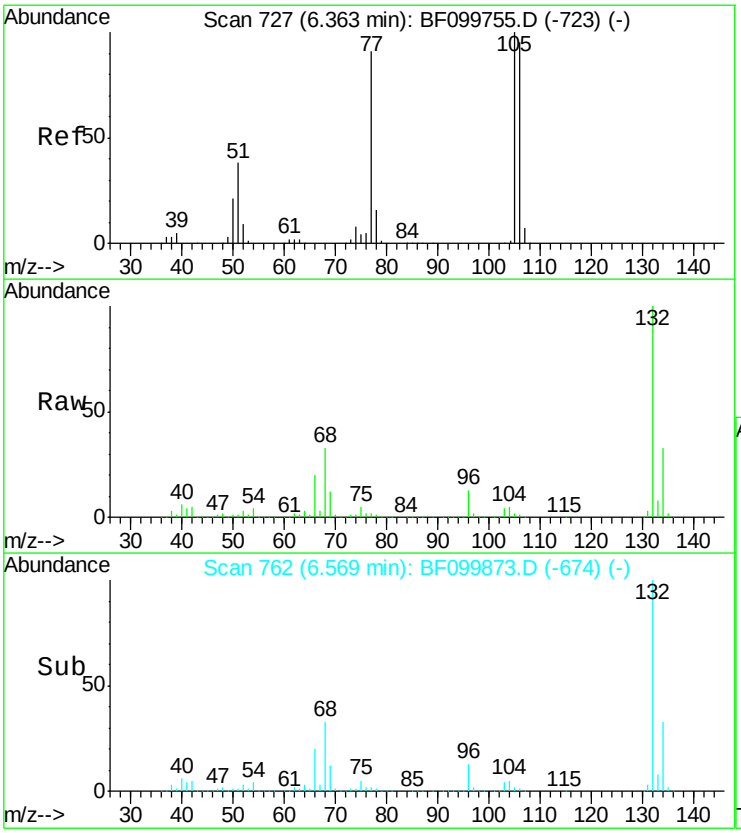
#7
Phenol-d6
Concen: 95.18 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 443589

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	28.5	25.4	38.0

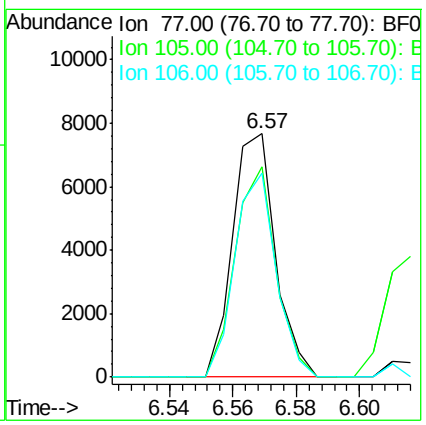


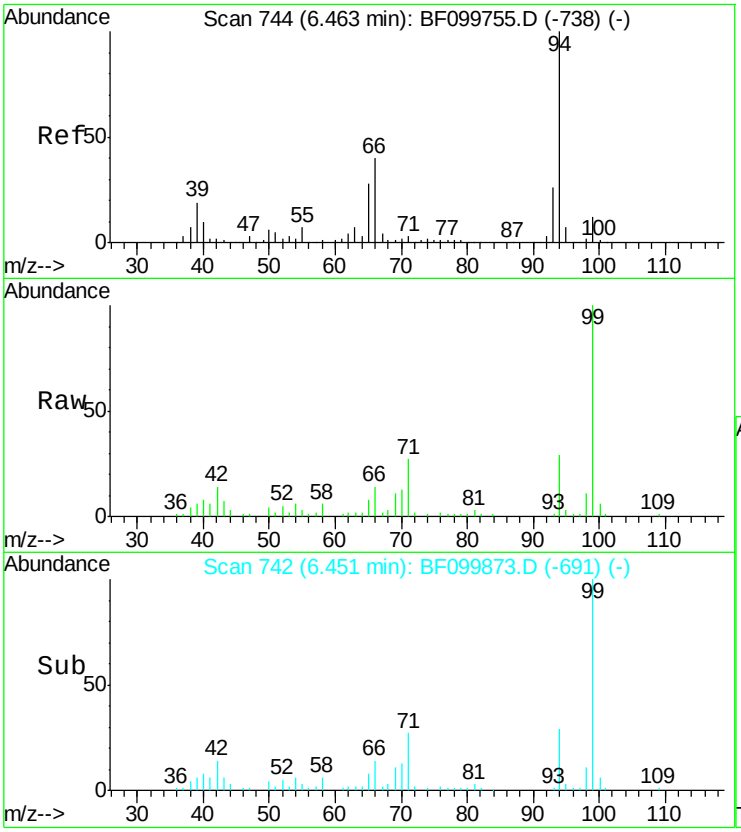


#9
Benzaldehyde
Concen: 2.57 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.22 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion: 77 Resp: 7158

Ion	Ratio	Lower	Upper
77	100		
105	86.6	81.1	121.1
106	83.8	74.5	114.5



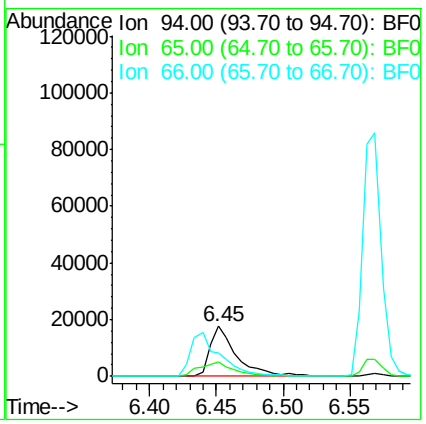


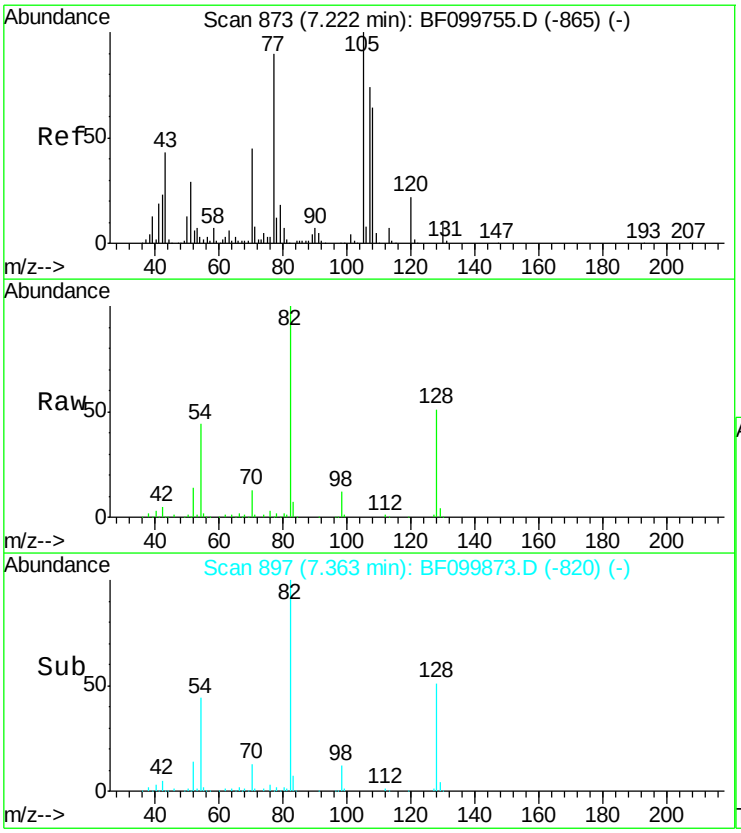
#10
Phenol
Concen: 4.80 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 24548

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	47.5	16.2	56.2

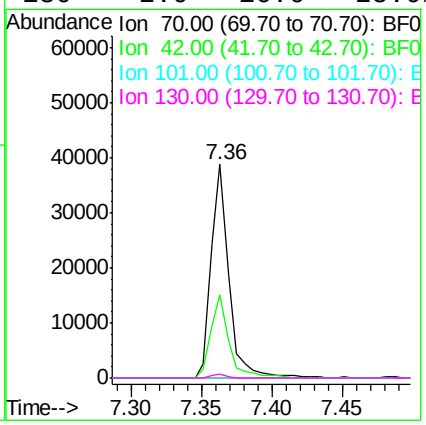


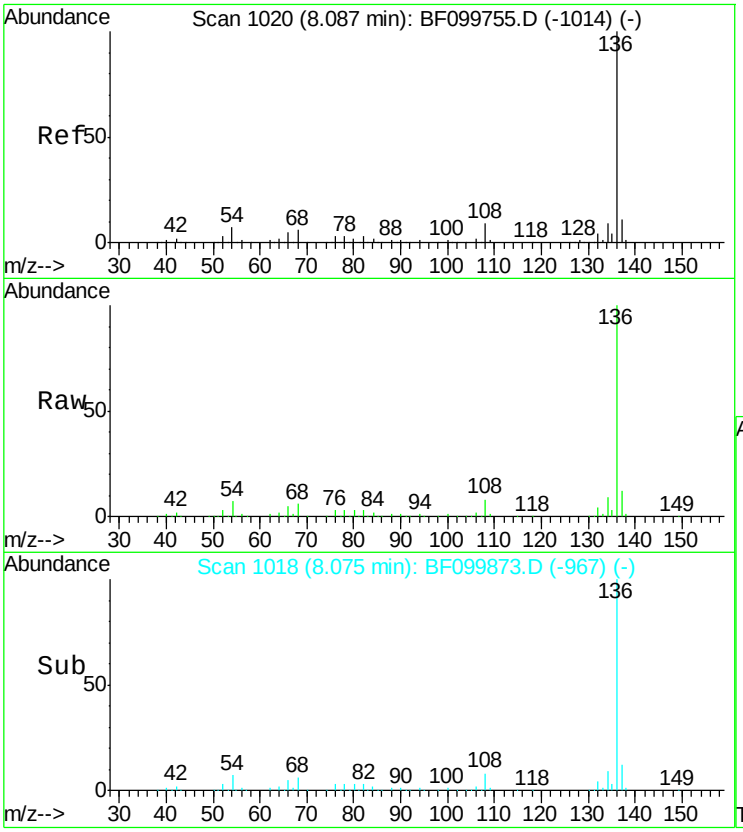


#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion: 70 Resp: 34227

Ion	Ratio	Lower	Upper
70	100		
42	38.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



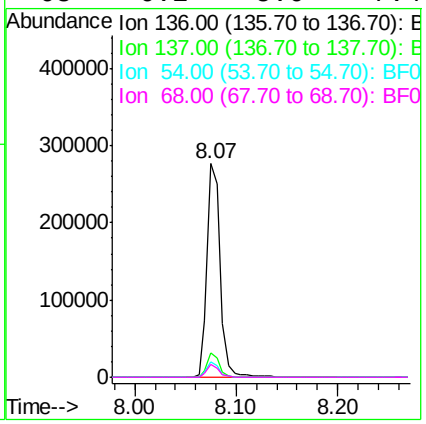


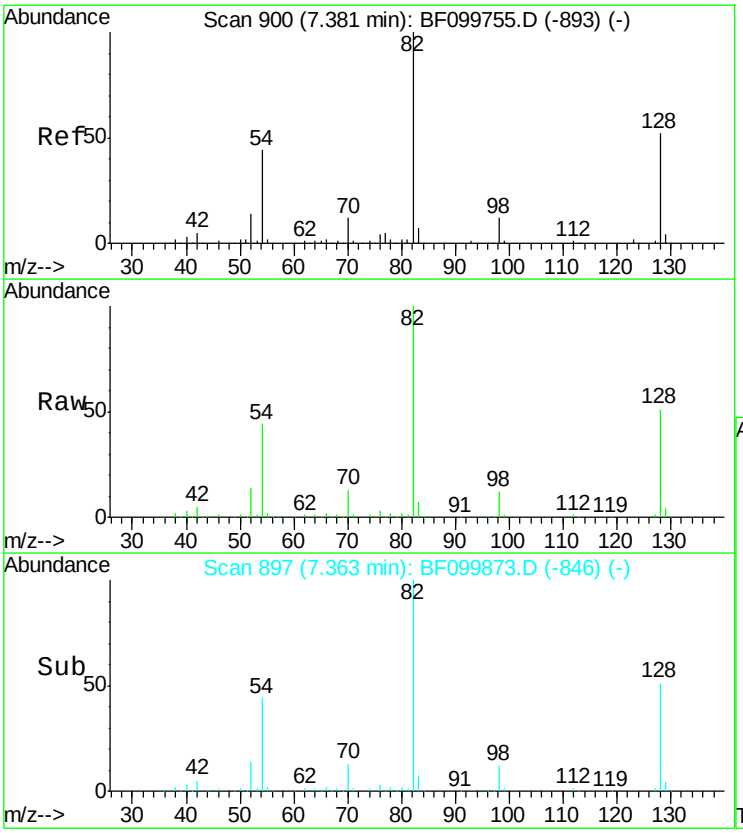
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 250786

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.1	6.6	9.8
68	6.2	5.0	7.4

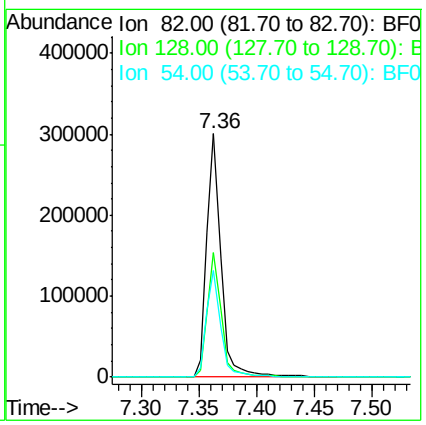


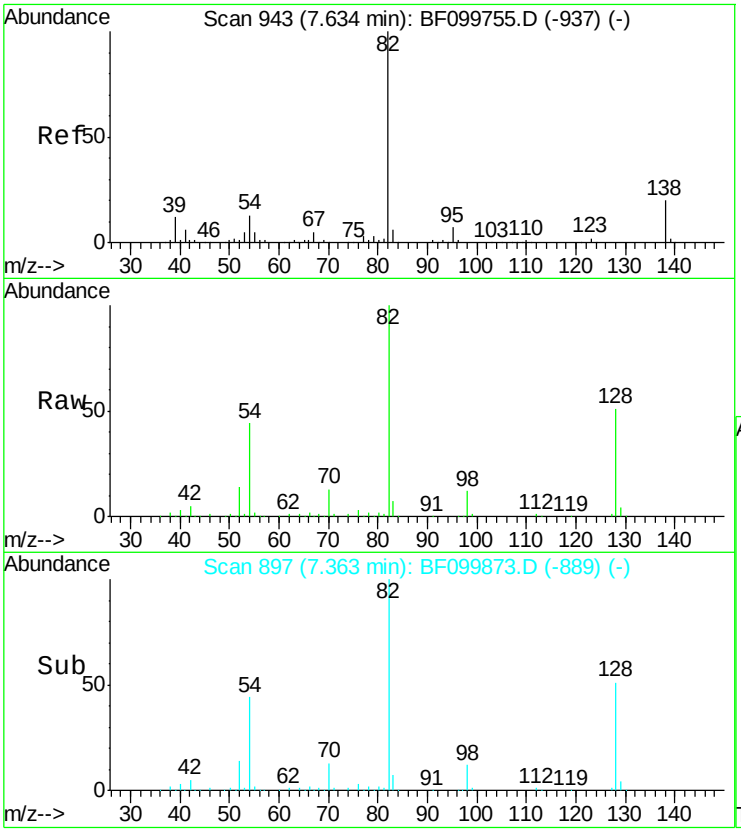


#23
Nitrobenzene-d5
Concen: 66.82 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion: 82 Resp: 260274

Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	44.1	41.4	62.2



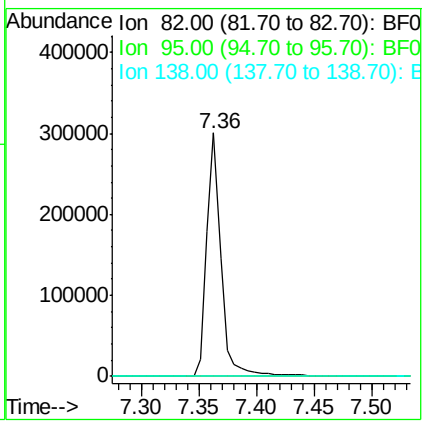


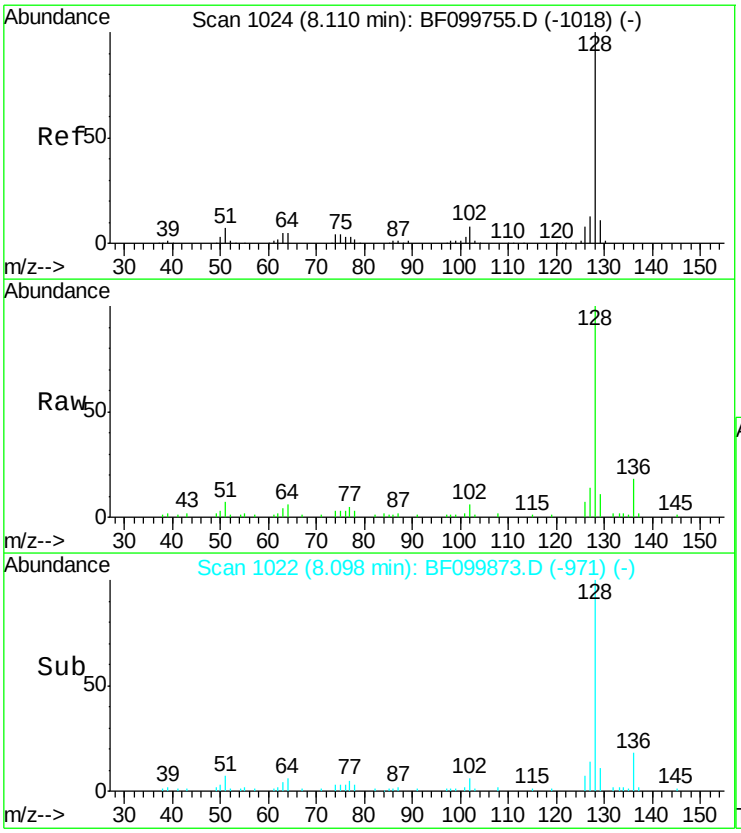
#25
Isophorone
Concen: 36.82 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 260274

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

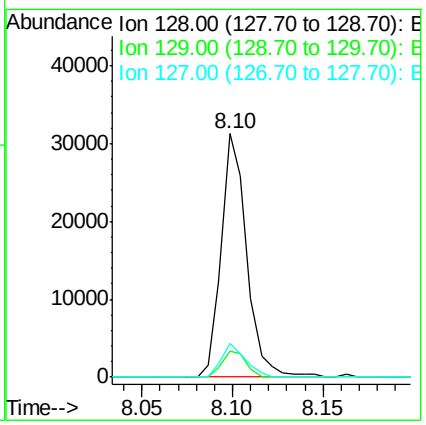


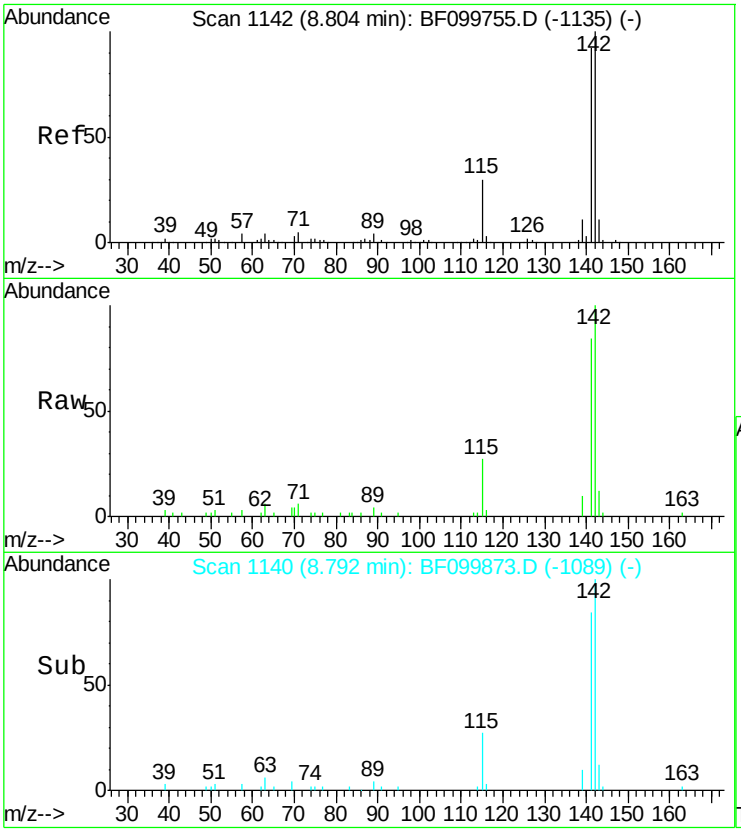


#31
Naphthalene
Concen: 2.53 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:128 Resp: 30599

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.9	10.9	16.3



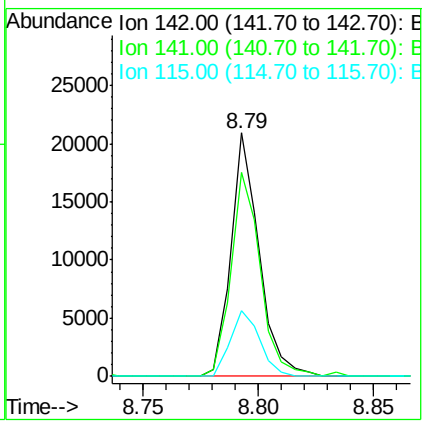


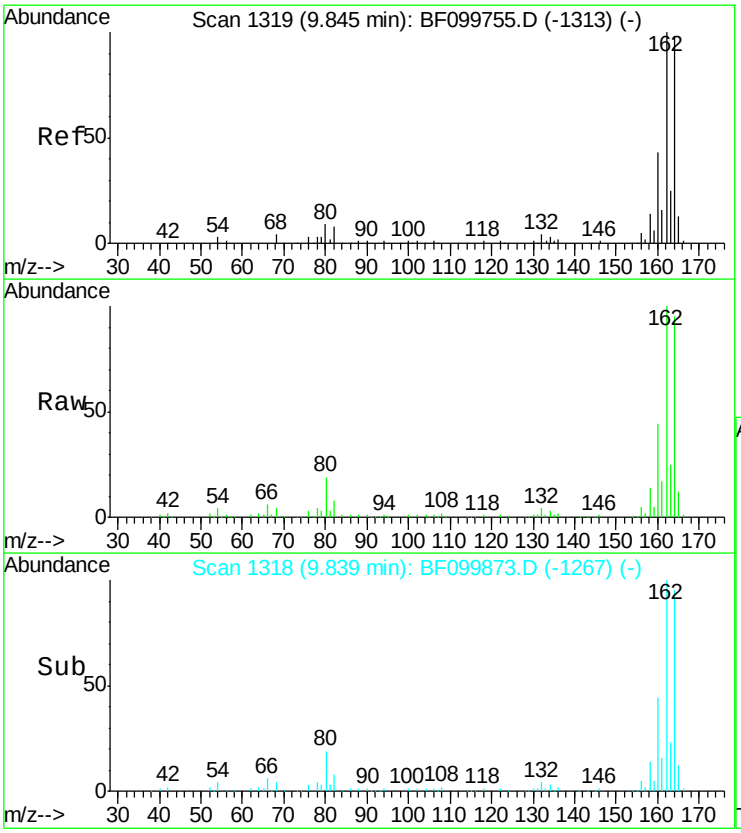
#37
2-Methylnaphthalene
Concen: 2.20 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 17855

Ion	Ratio	Lower	Upper
142	100		
141	83.6	70.8	106.2
115	26.9	26.1	39.1

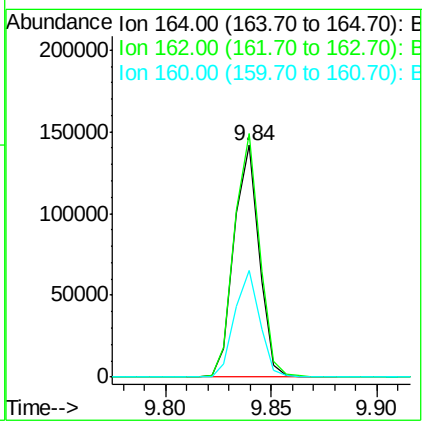


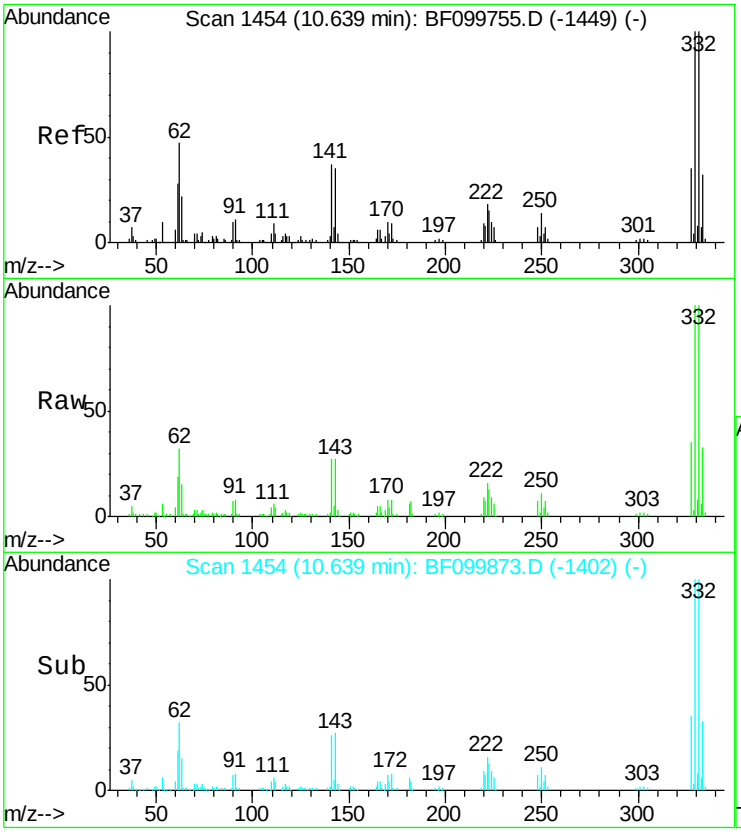


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:164 Resp: 115700

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.1	38.3	57.5



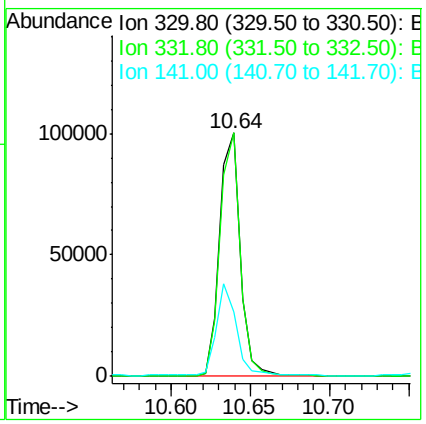


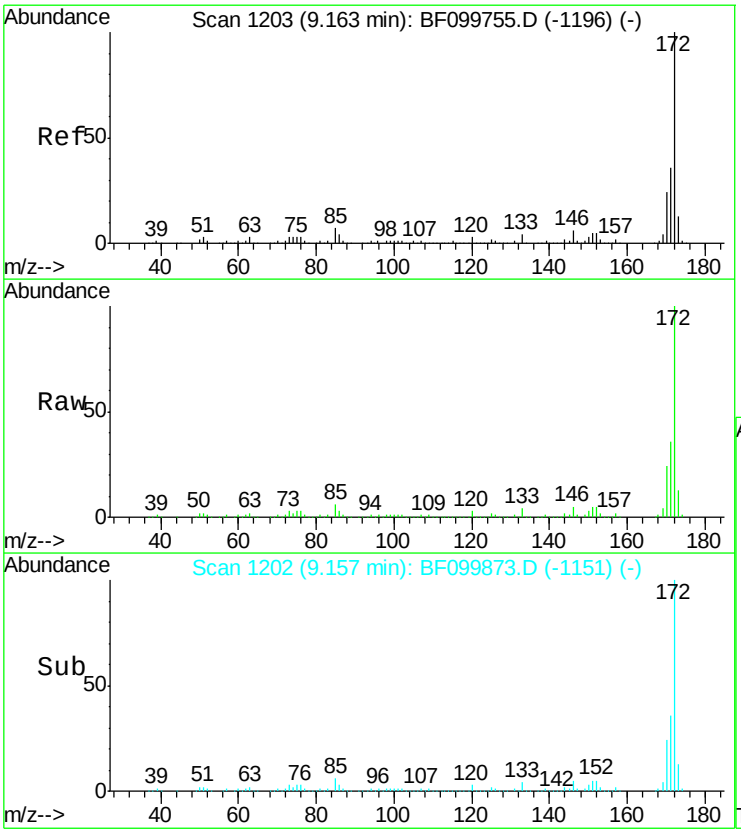
#41
2,4,6-Tribromophenol
Concen: 86.48 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 91182

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	38.8	29.9	44.9

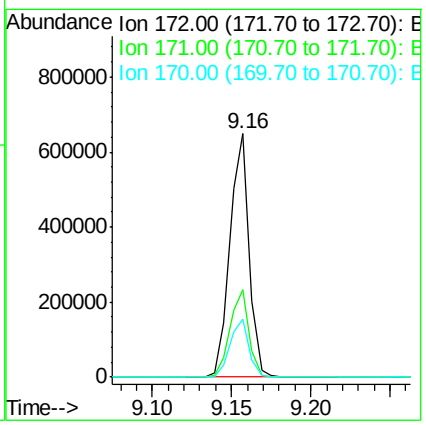


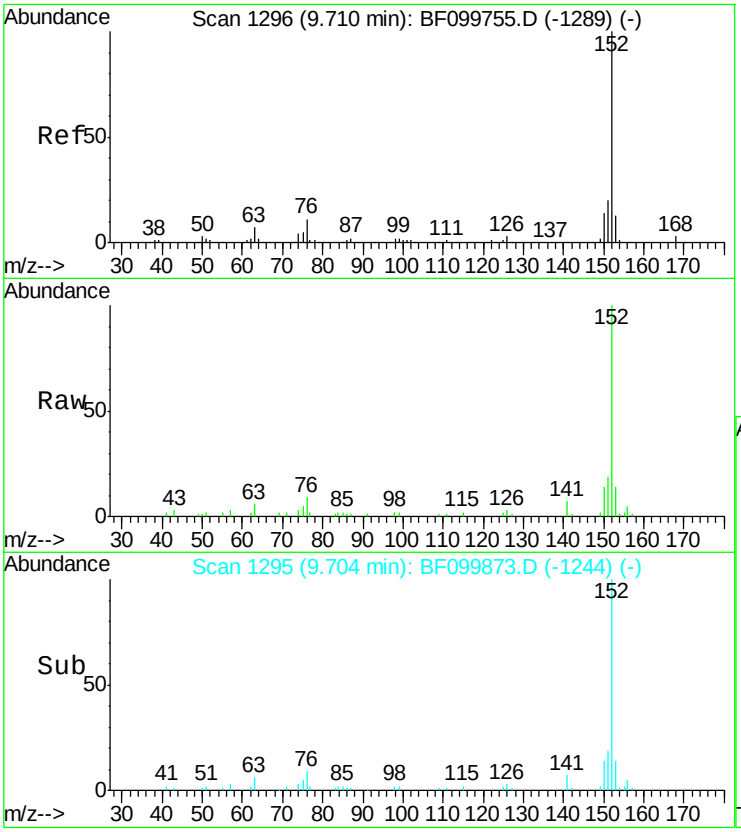


#44
2-Fluorobiphenyl
Concen: 72.64 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:172 Resp: 544738

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4



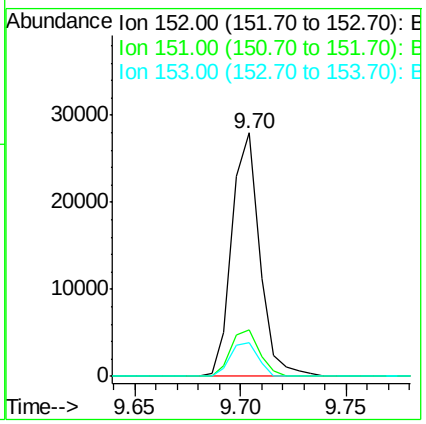


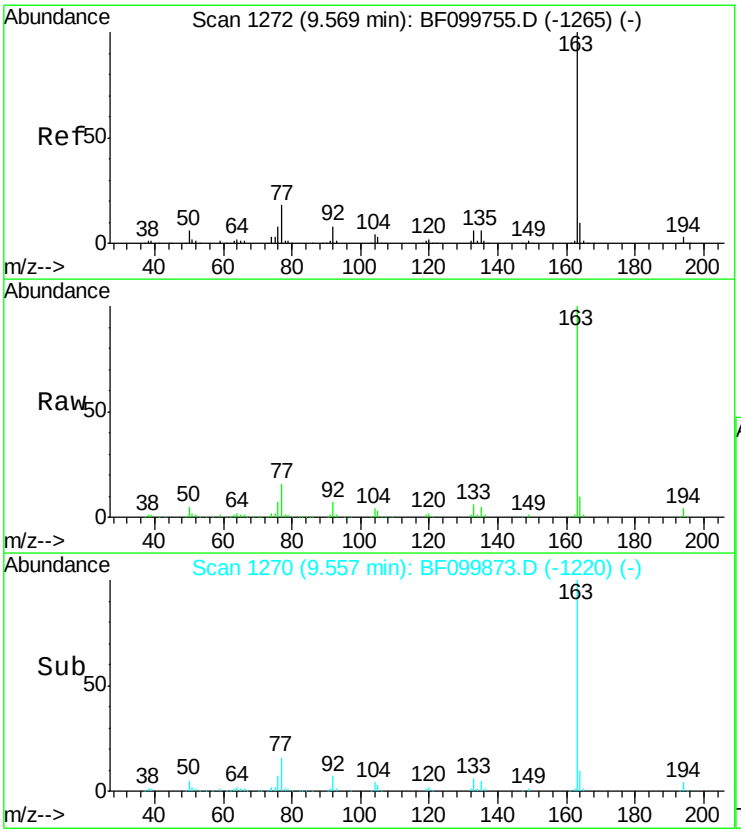
#48
Acenaphthylene
Concen: 2.17 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 25441

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	13.9	10.7	16.1

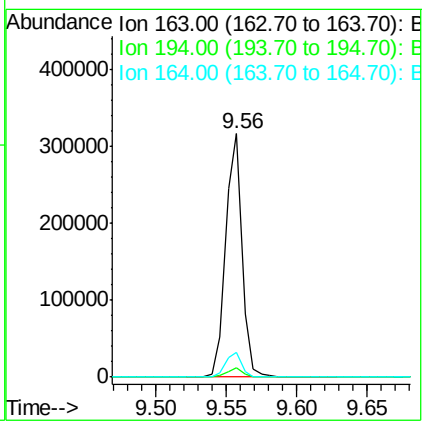


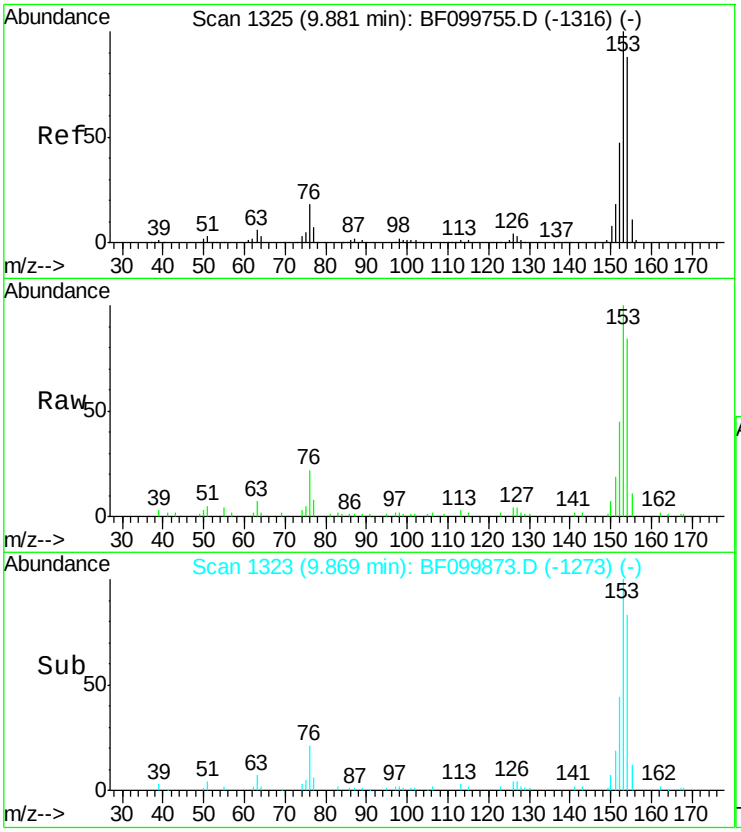


#49
Dimethylphthalate
Concen: 27.70 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:163 Resp: 253800

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2



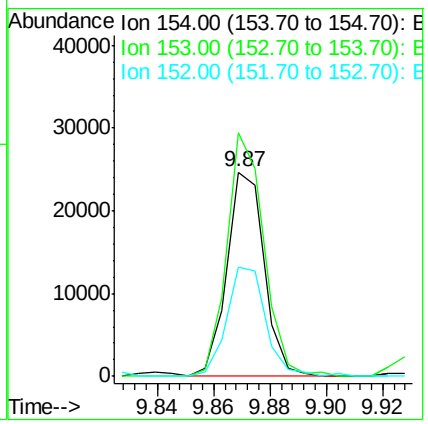


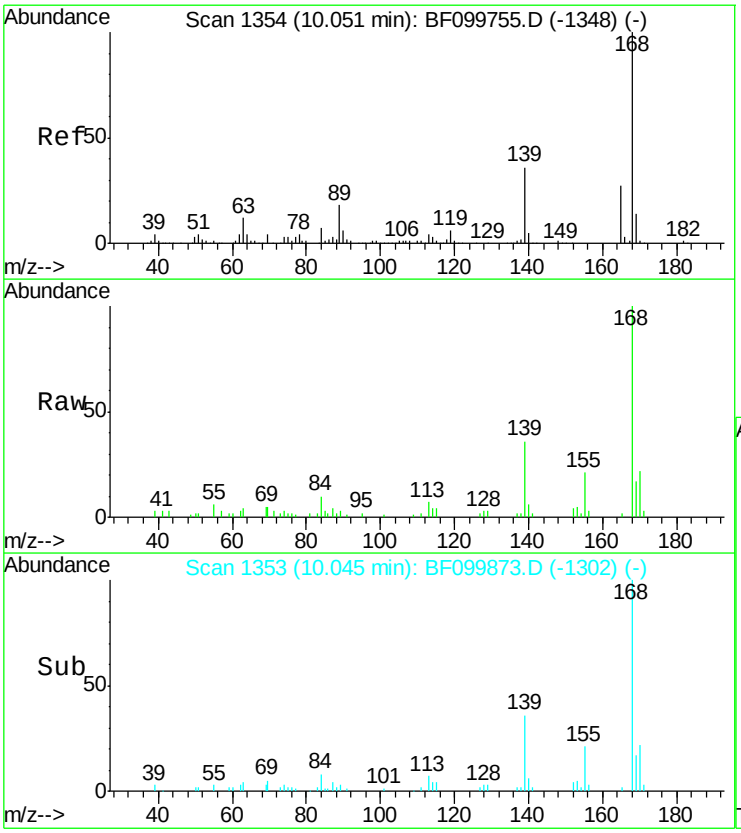
#51
Acenaphthene
Concen: 3.17 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 22705

Ion	Ratio	Lower	Upper
154	100		
153	119.1	91.2	136.8
152	53.6	43.8	65.8

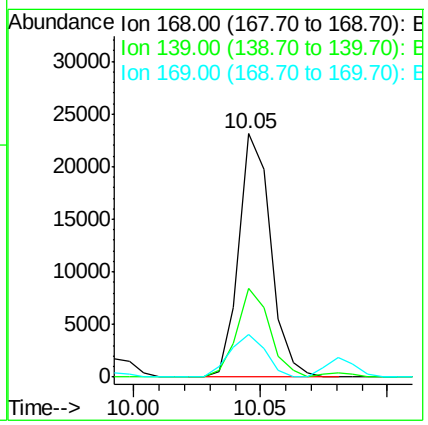


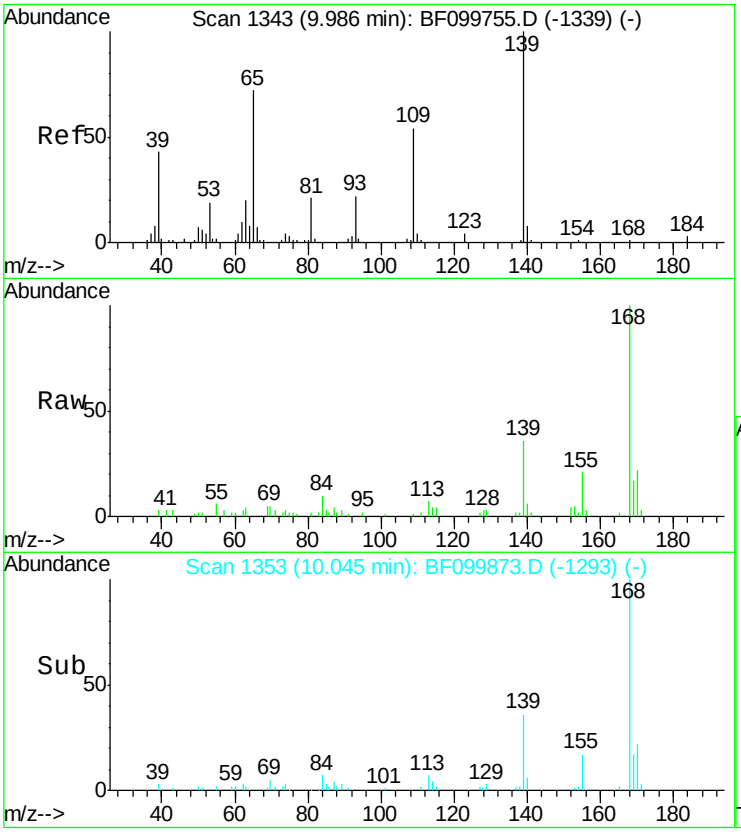


#54
Dibenzofuran
Concen: 2.00 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:168 Resp: 20234

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	17.4	10.9	16.3#



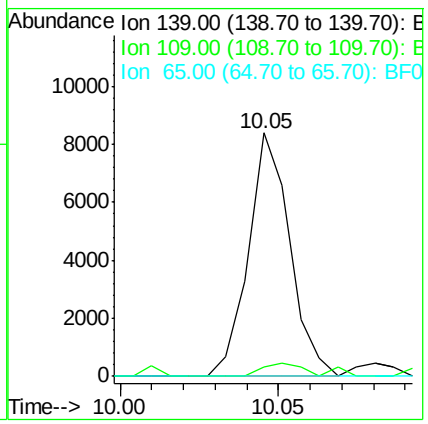


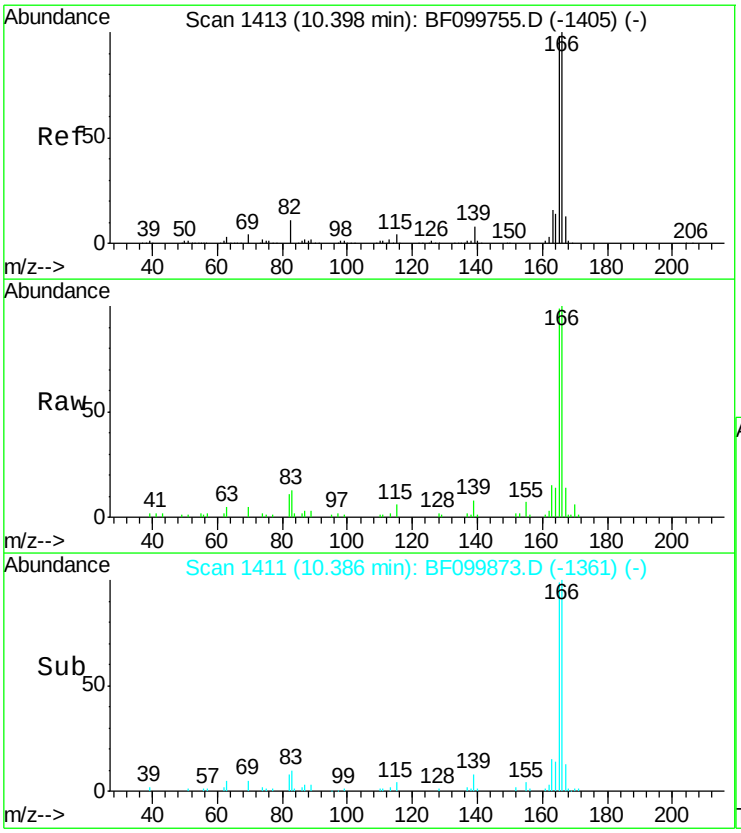
#55
4-Nitrophenol
Concen: 6.41 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.05 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 7603

Ion	Ratio	Lower	Upper
139	100		
109	3.9	48.4	88.4#
65	0.0	72.6	112.6#

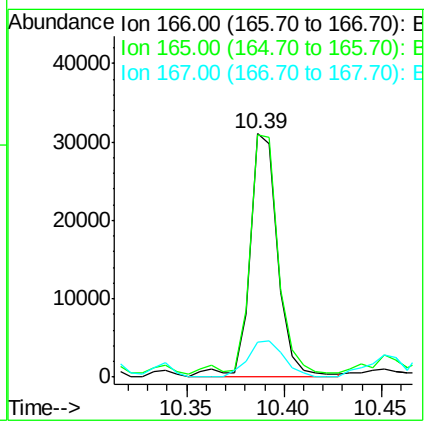


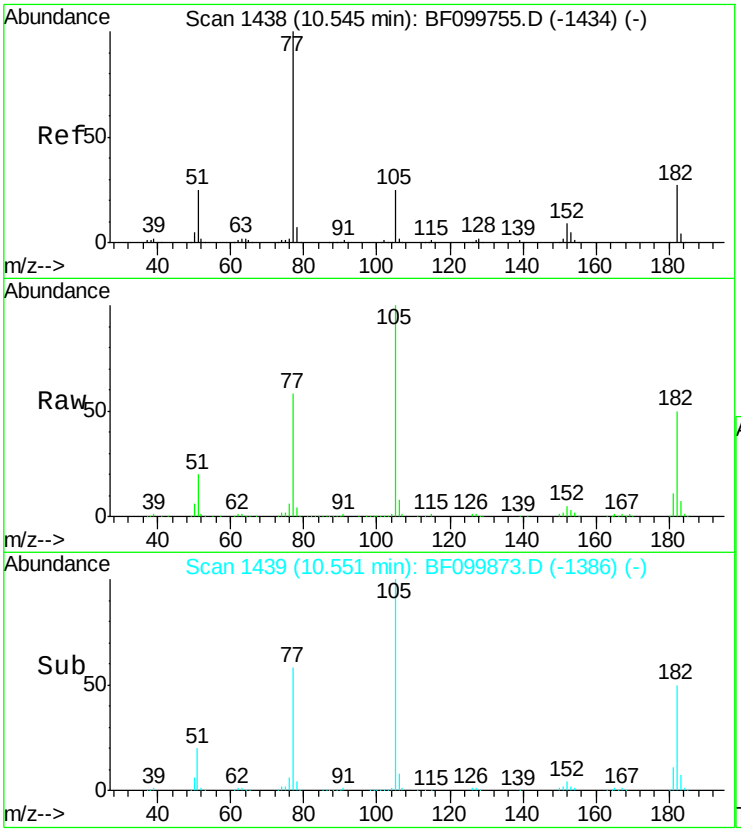


#57
Fluorene
Concen: 3.69 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:166 Resp: 30844

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	14.5	10.6	16.0



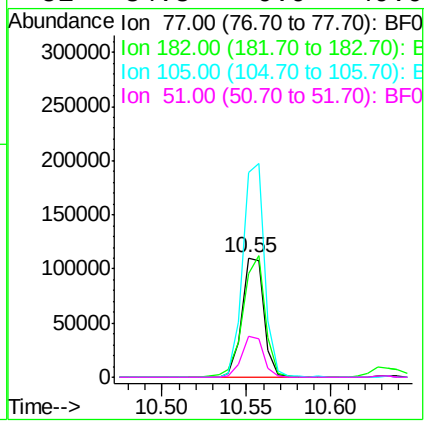


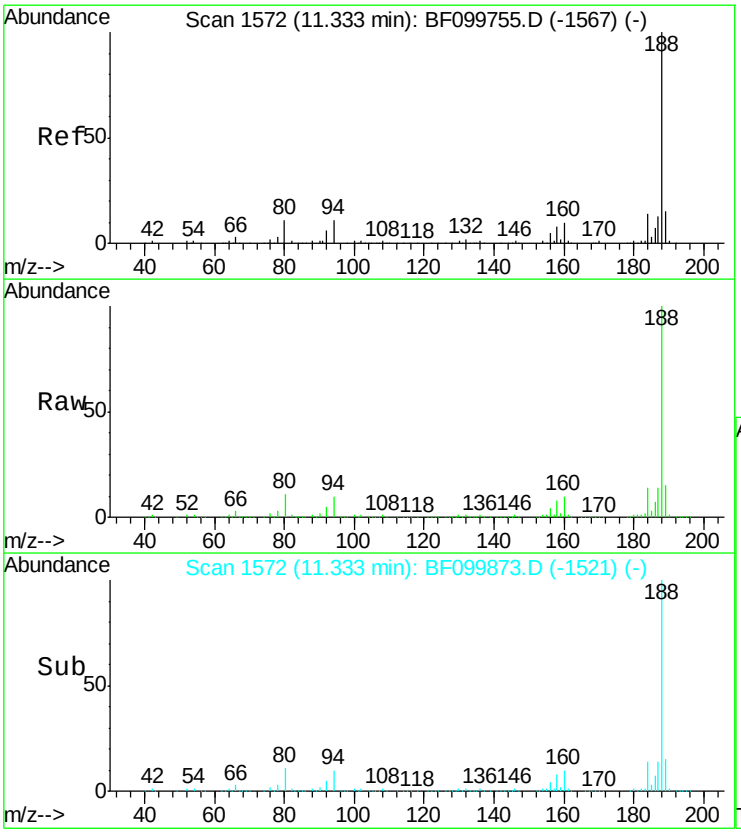
#62
Azobenzene
Concen: 13.37 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 100311

Ion	Ratio	Lower	Upper
77	100		
182	86.5	1.7	41.7#
105	171.4	3.0	43.0#
51	34.8	9.9	49.9

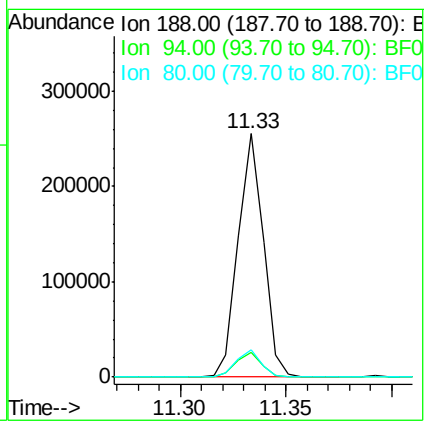


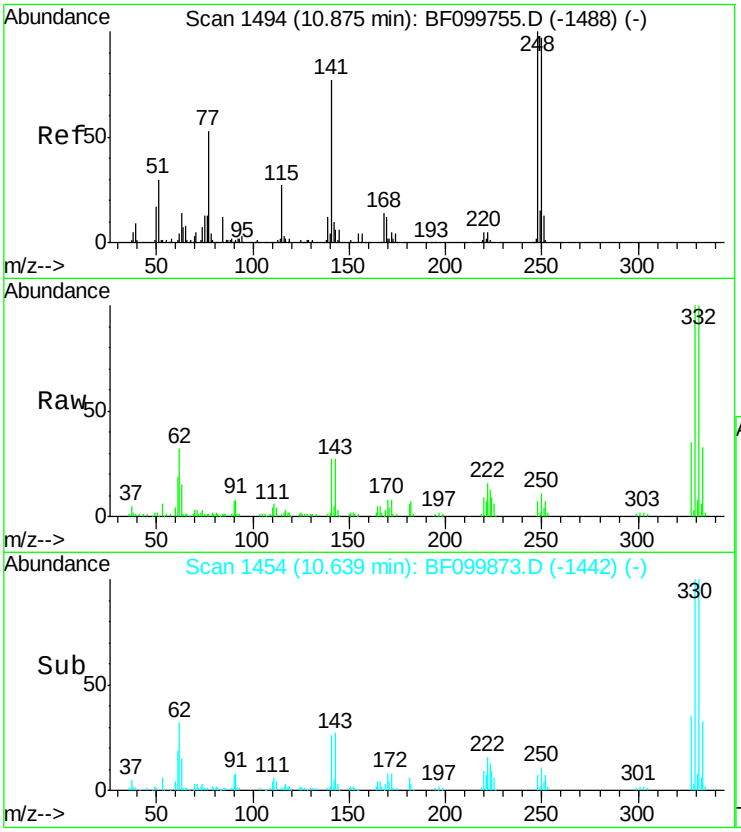


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:188 Resp: 209776

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8



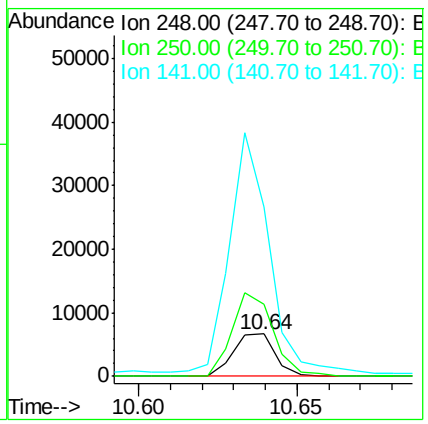


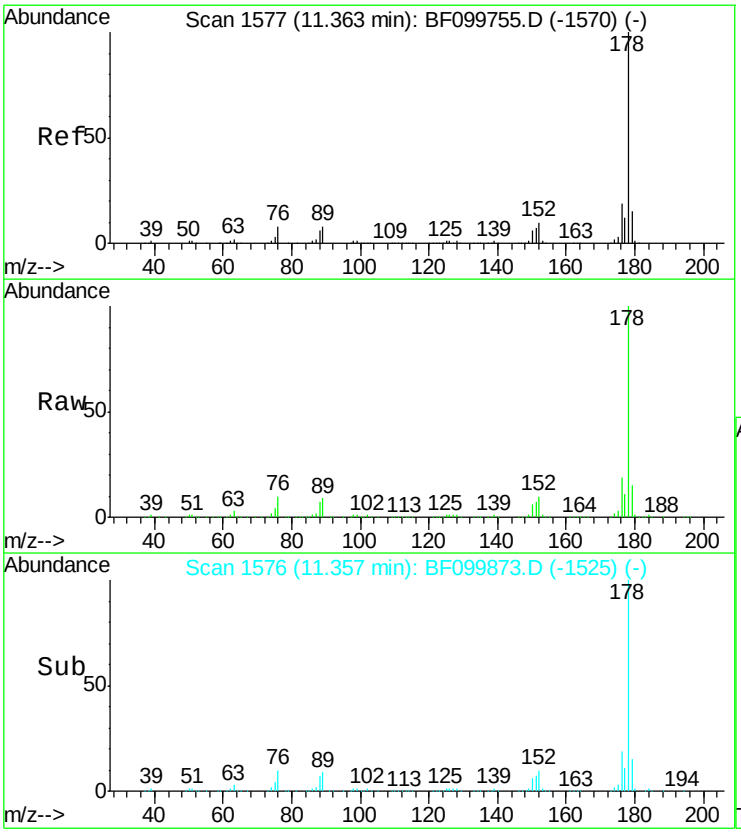
#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.23 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6135

Ion	Ratio	Lower	Upper
248	100		
250	171.2	76.9	115.3#
141	399.7	74.4	111.6#

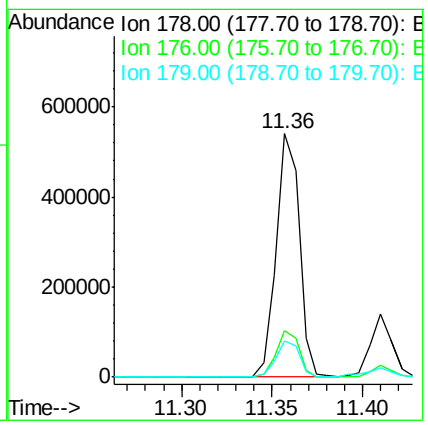


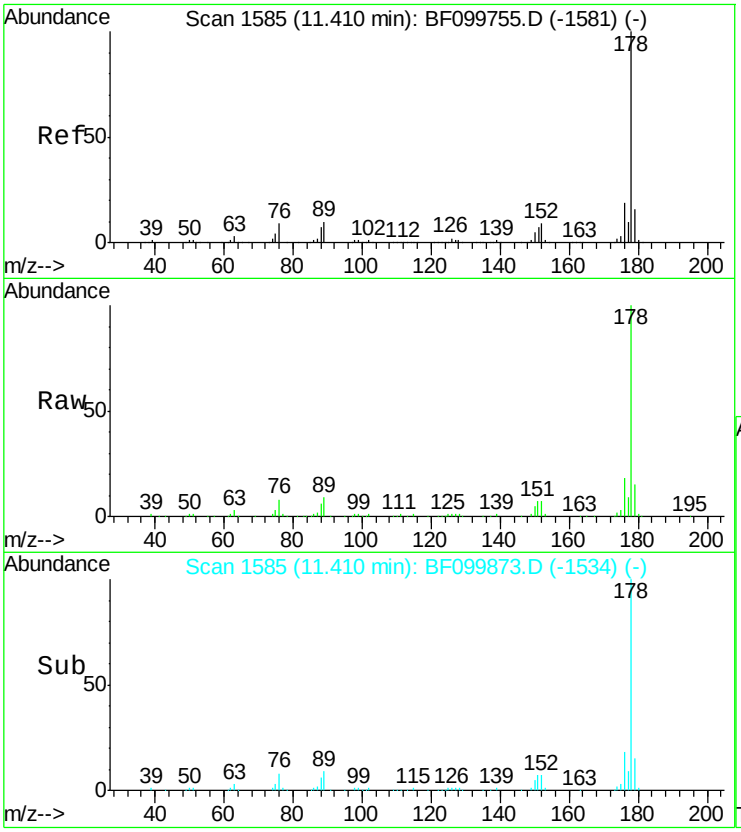


#70
Phenanthrene
Concen: 40.45 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:178 Resp: 478825

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.1	13.0	19.6



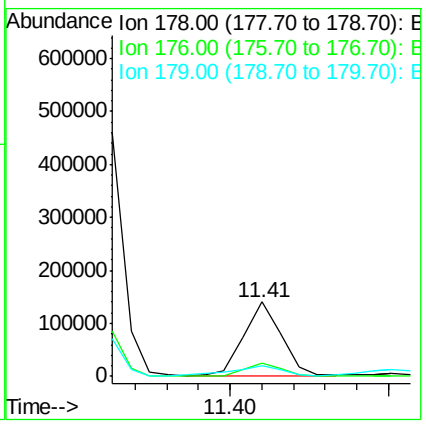


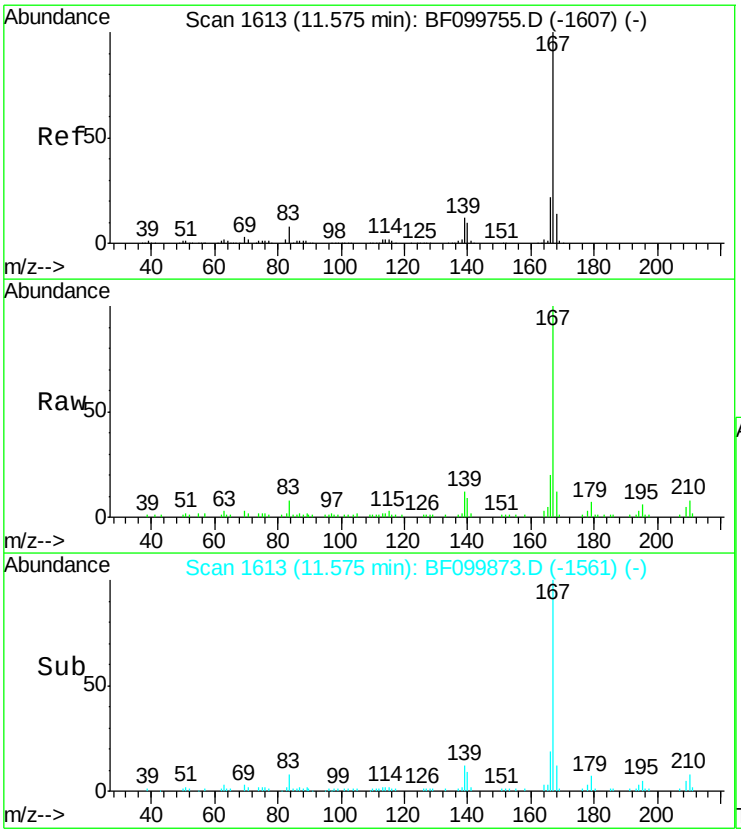
#71
Anthracene
Concen: 9.36 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 112519

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.1	12.6	19.0

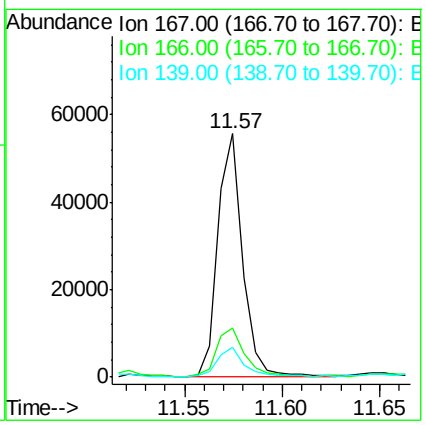


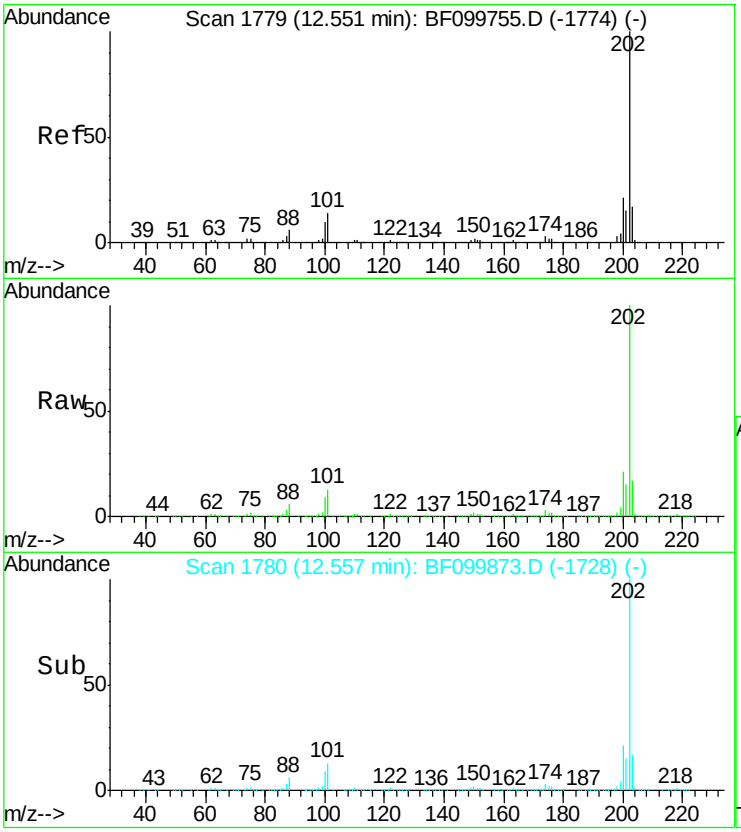


#72
Carbazole
Concen: 4.36 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:167 Resp: 49218

Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.6	26.4
139	12.0	10.9	16.3



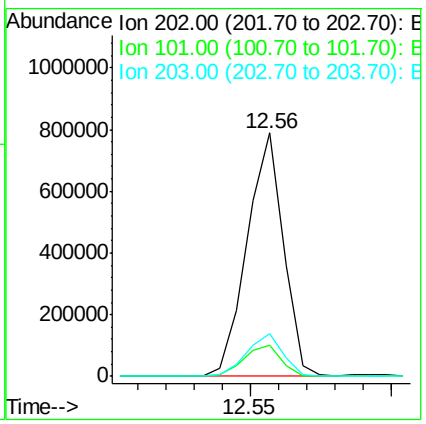


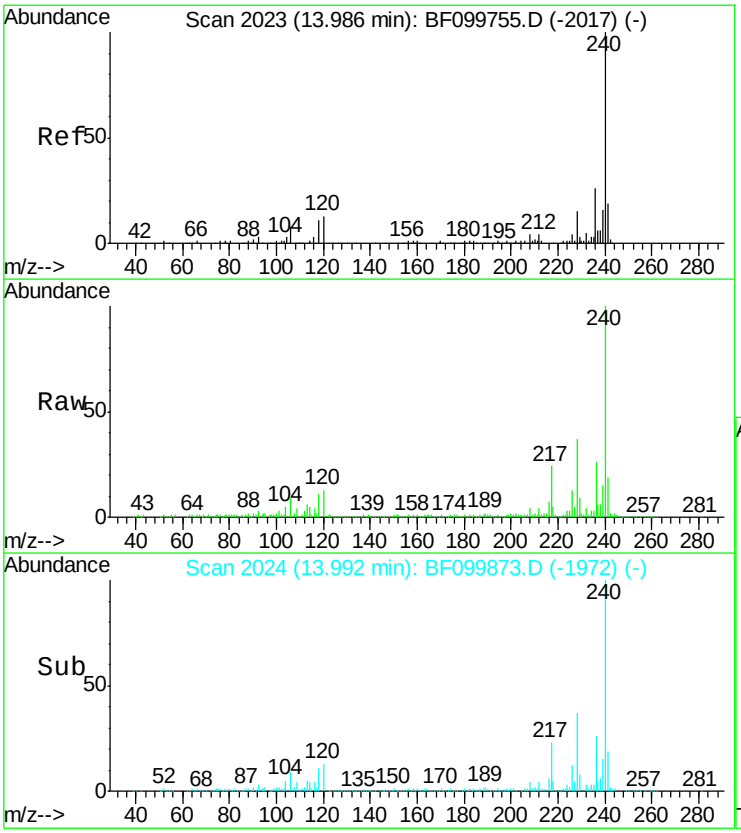
#74
Fluoranthene
Concen: 57.24 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 704182

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.5	0.0	38.1

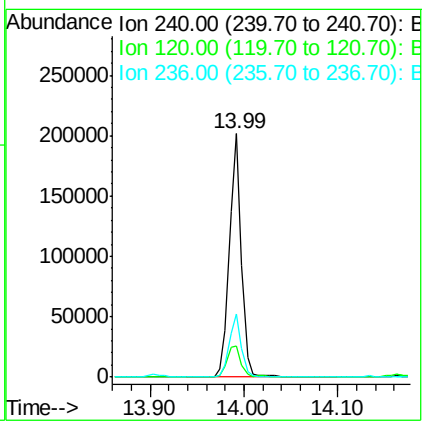


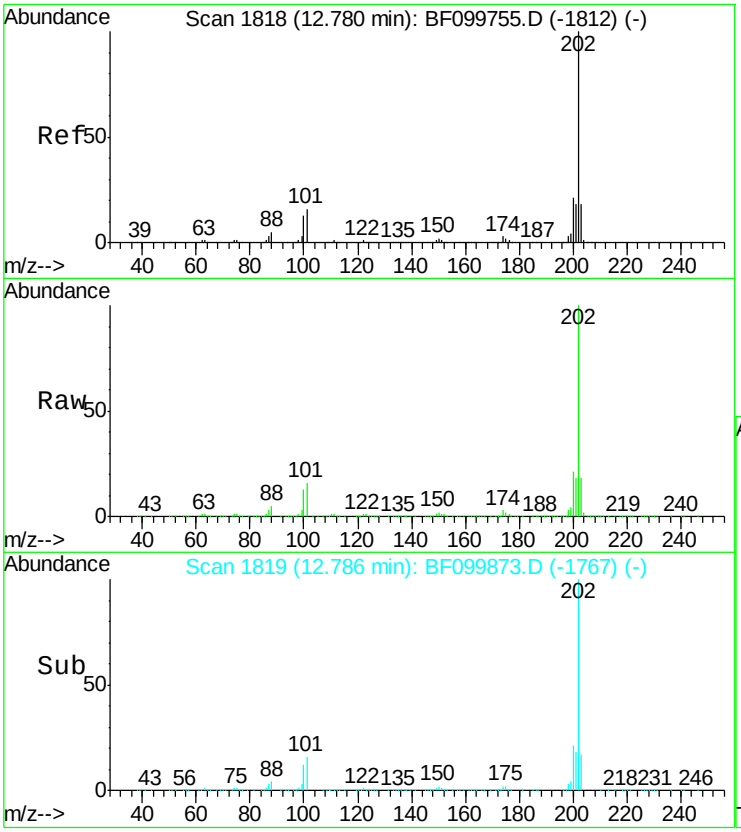


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:240 Resp: 179216

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.7	20.7	31.1



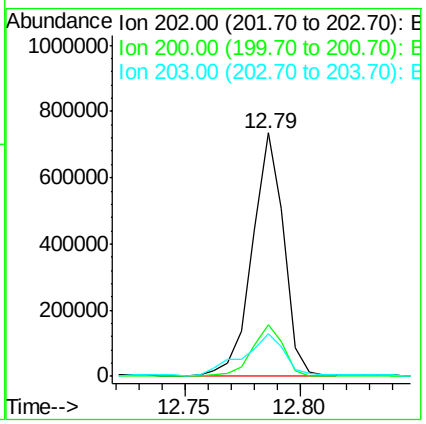


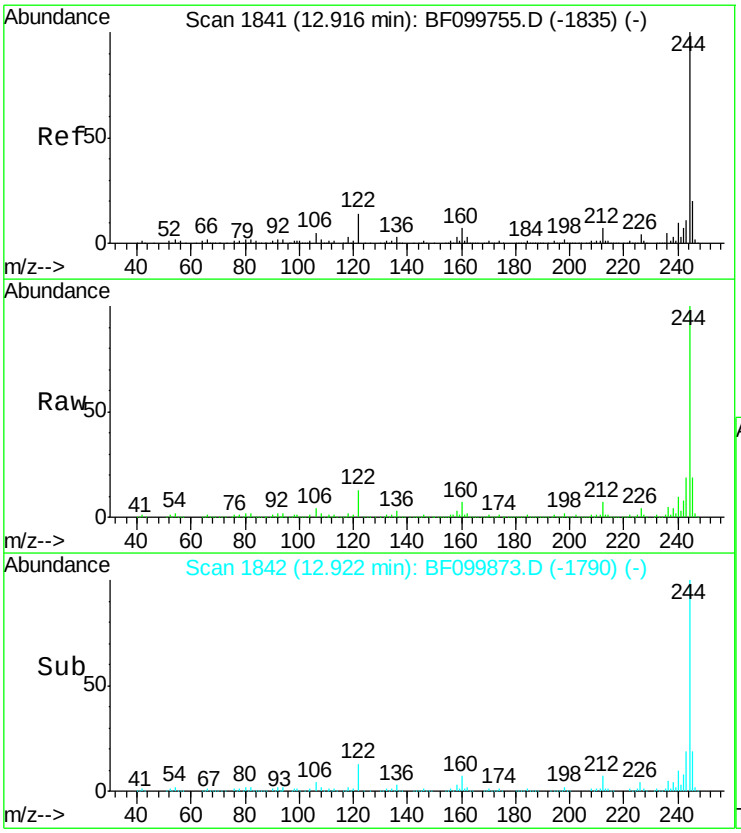
#77
Pyrene
Concen: 51.16 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 697235

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5

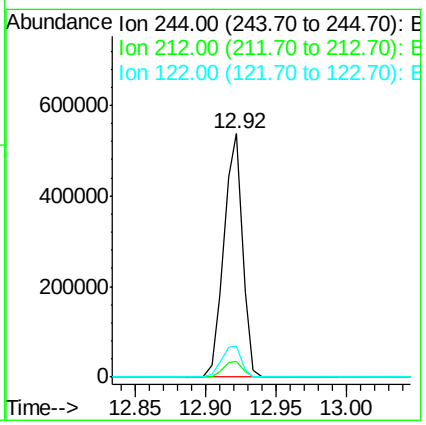


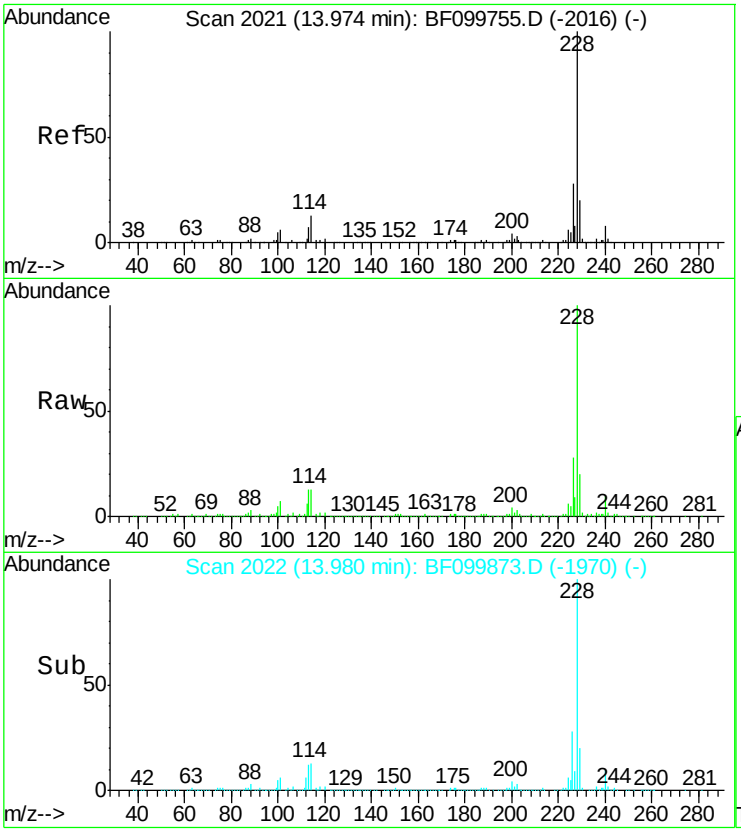


#78
Terphenyl-d14
Concen: 60.09 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:244 Resp: 492775

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.5	11.0	16.4



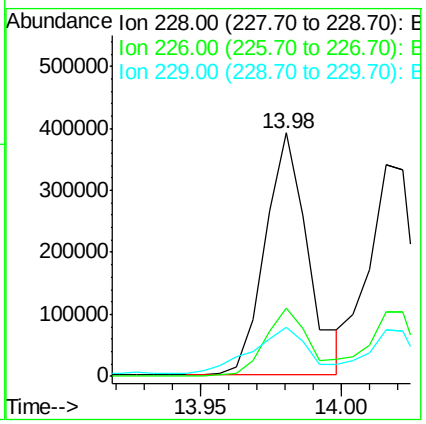


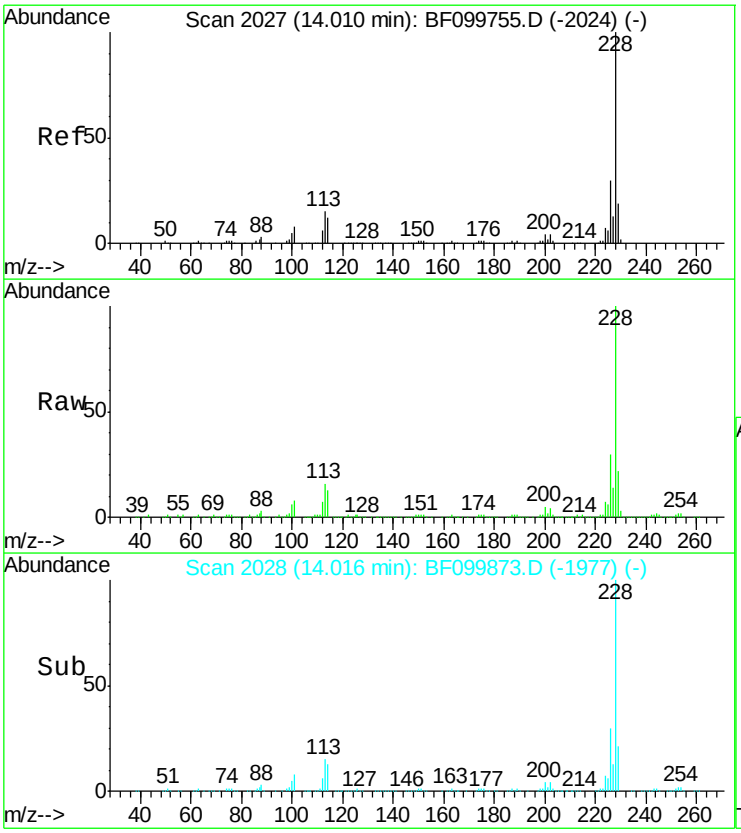
#80
Benzo(a)anthracene
Concen: 36.34 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 412878

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6

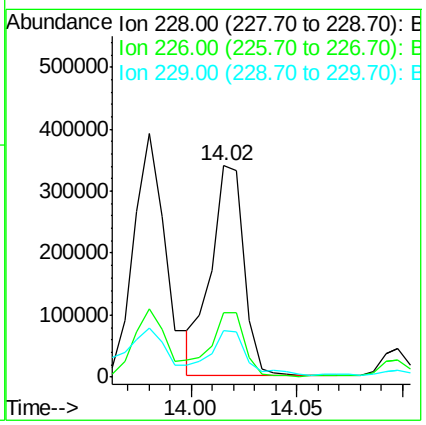


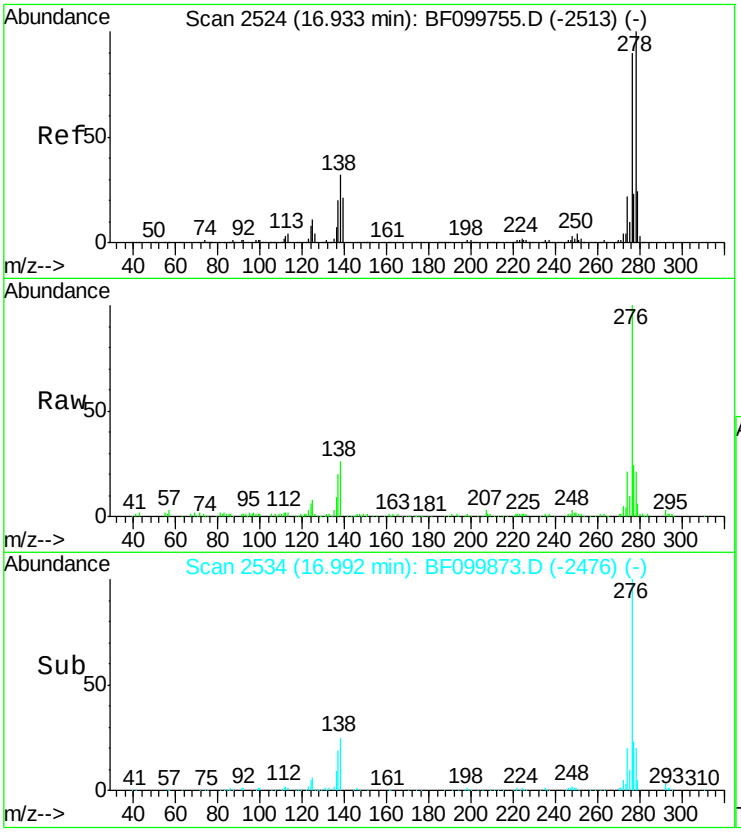


#82
Chrysene
Concen: 34.75 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:228 Resp: 371214

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.9	16.2	24.4



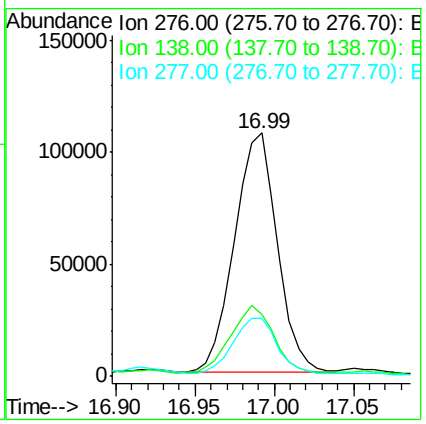


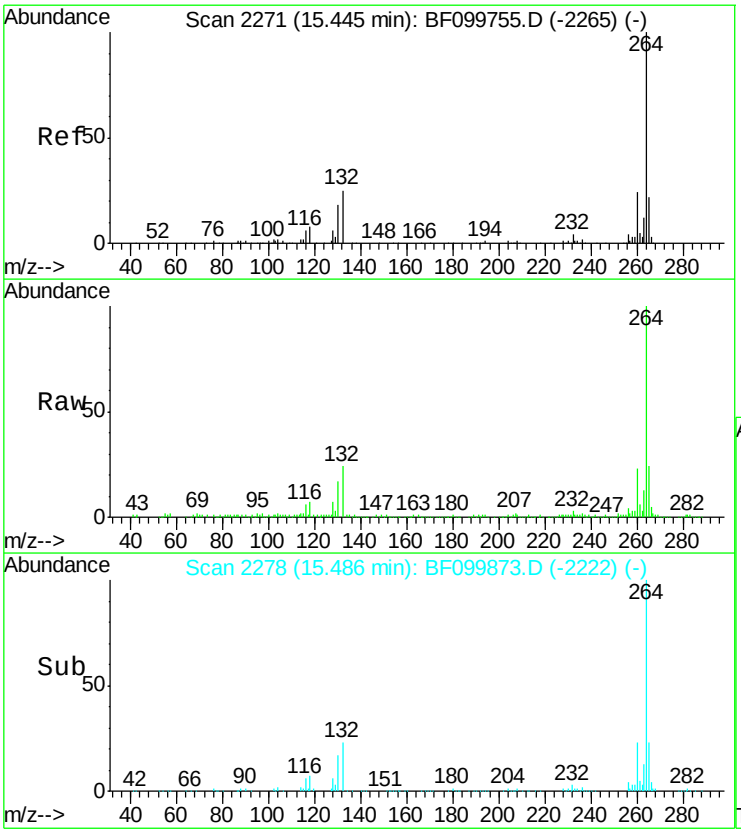
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.55 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.04 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 201544

Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	23.6	20.1	30.1

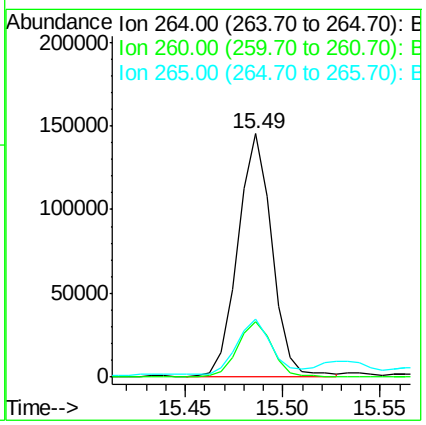


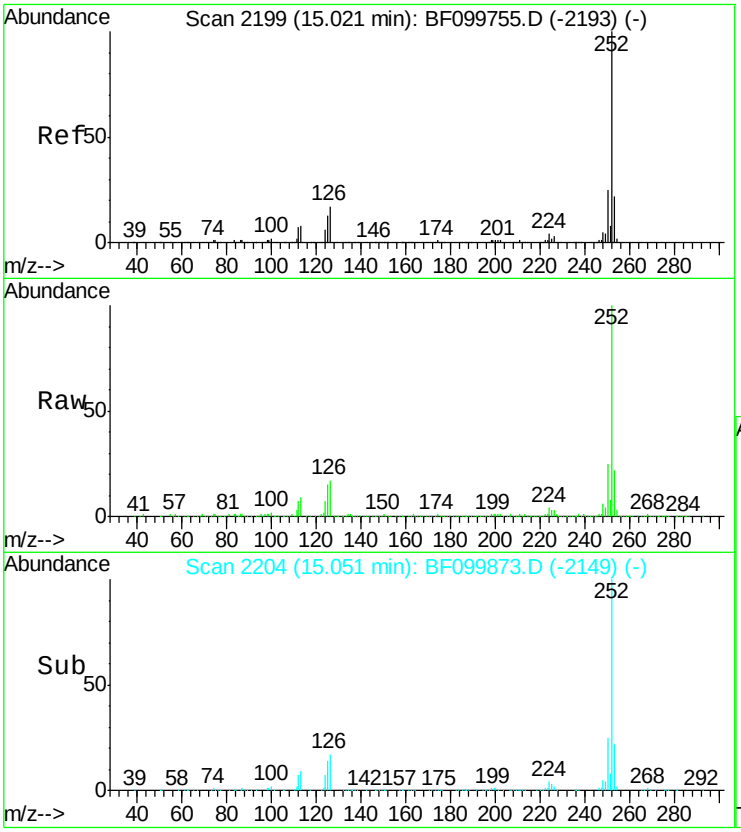


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:264 Resp: 174139

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	23.6	17.5	26.3



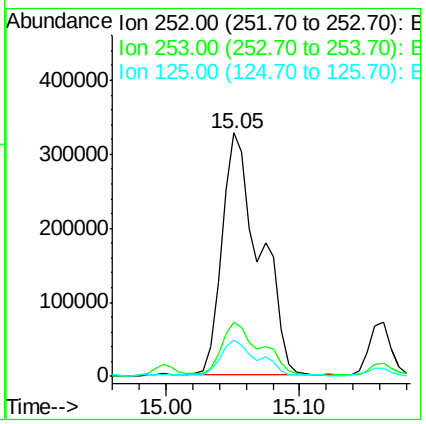


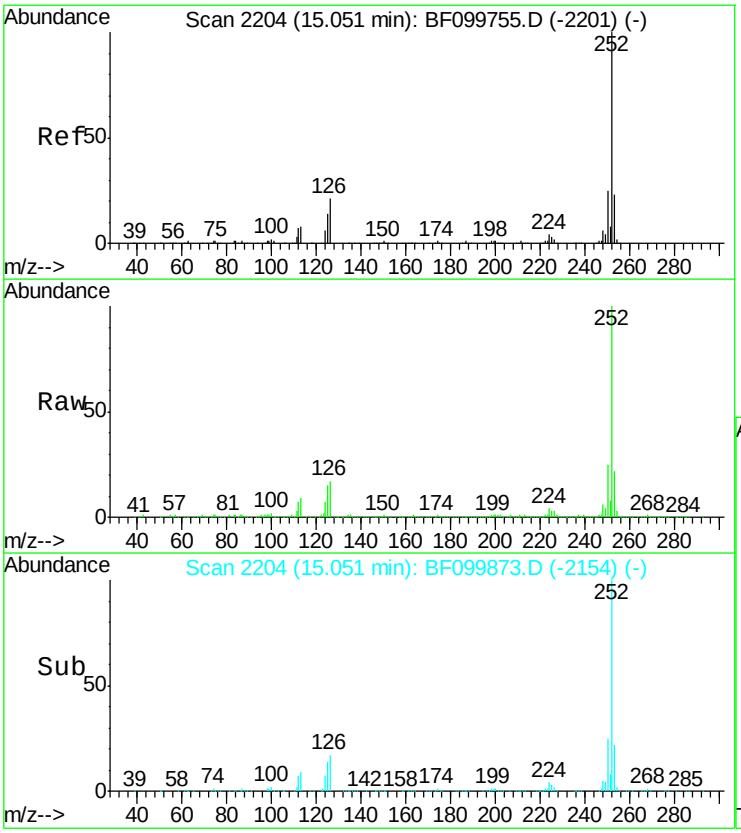
#87
Benzo(b)fluoranthene
Concen: 58.56 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 643935

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	14.7	9.0	13.6#

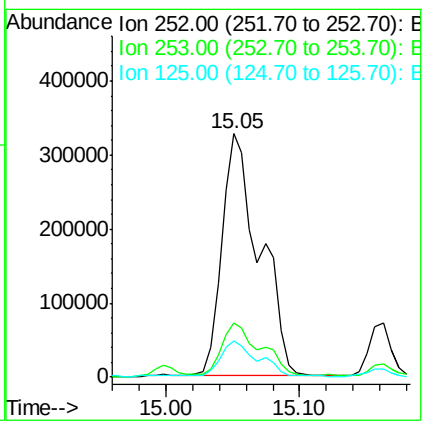


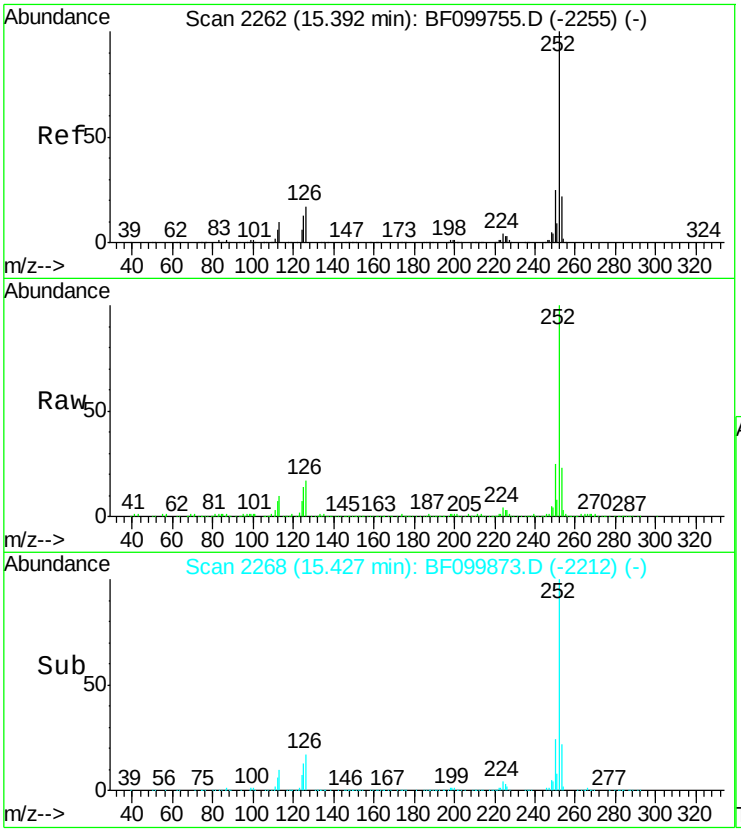


#88
Benzo(k)fluoranthene
Concen: 62.06 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:252 Resp: 643506

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.7	10.2	15.2



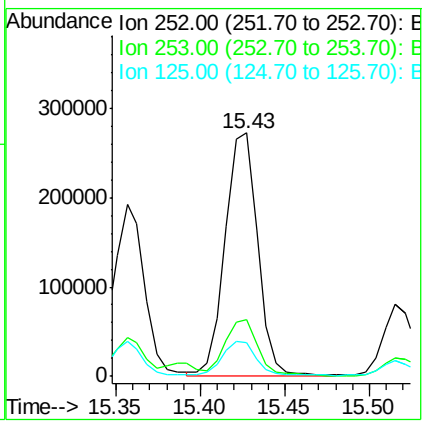


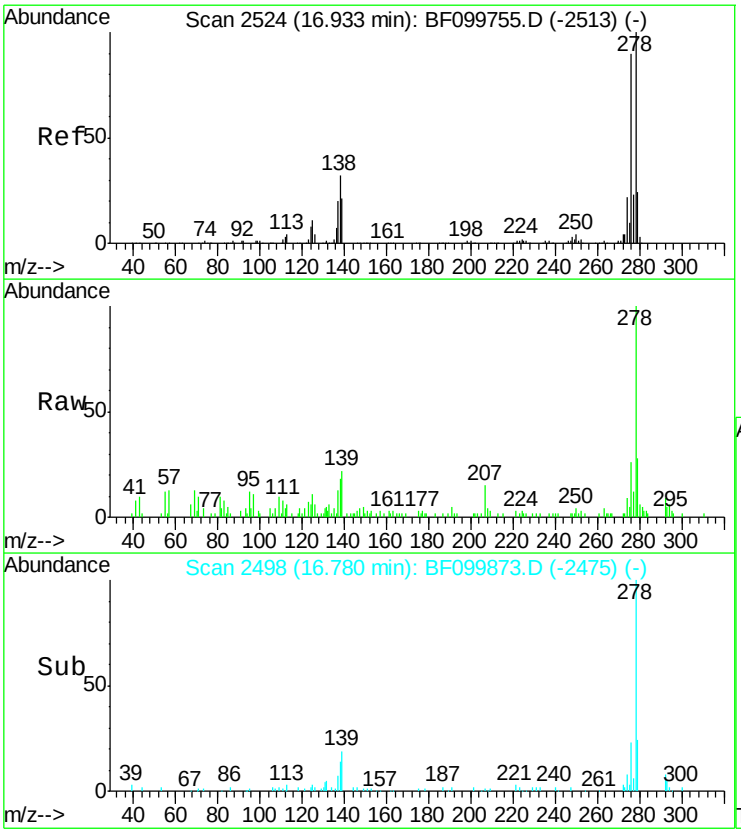
#89
Benzo(a)pyrene
Concen: 36.70 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.03 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 362502

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.8	9.8	14.6

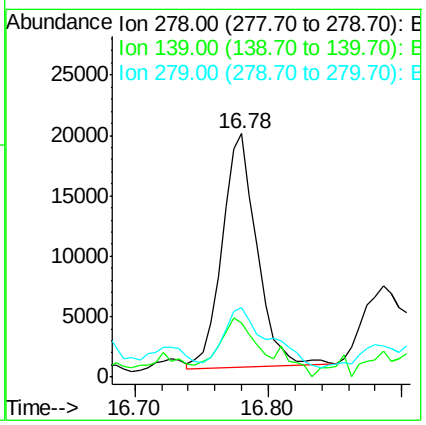


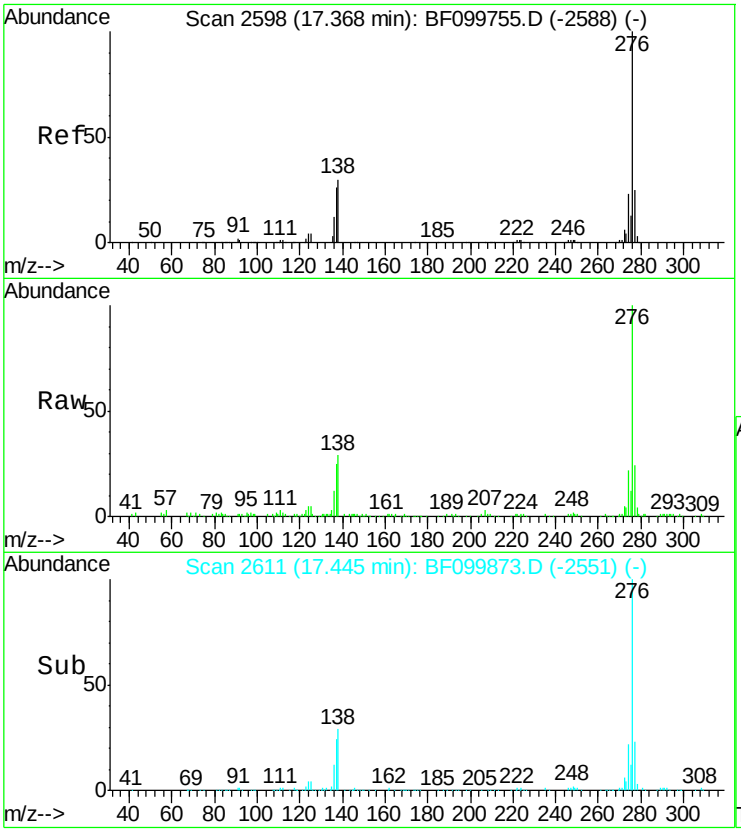


#90
Dibenzo(a,h)anthracene
Concen: 4.02 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.16 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Tgt Ion:278 Resp: 35262

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.9	23.9
279	28.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 22.78 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.05 min
Lab File: BF099873.D
Acq: 26 Oct 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 195624

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.2	21.8	32.8