Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099791.D
Acq On : 24 Oct 2017 16:39
Operator : SJ/JU
Sample : I6019-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 07:35:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97784	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	410813	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	188832	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	324600	20.00	ng		0.00
75) Chrysene-d12	13.98	240	174836	20.00	ng		0.00
86) Perylene-d12	15.45	264	173469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	783967	125.87	ng		0.01
7) Phenol-d6	6.45	99	962700	130.36	ng		0.00
23) Nitrobenzene-d5	7.37	82	558918	87.59	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	211554	122.94	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1018570	83.22	ng		0.00
78) Terphenyl-d14	12.92	244	749810	93.72	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	20389	2.51	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	70375	16.26	ng	#	71
25) Isophorone	7.37	82	558913	48.27	ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	24939	7.93	ng	#	26
51) Acenaphthene	9.87	154	32174	2.76	ng		97
55) 4-Nitrophenol	10.05	139	8902	4.60	ng	#	13
57) Fluorene	10.39	166	44240	3.24	ng		99
62) Azobenzene	10.56	77	76000	6.21	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	14140	4.14	ng	#	1
70) Phenanthrene	11.36	178	616751	33.67	ng		99
71) Anthracene	11.41	178	145459	7.82	ng		98
72) Carbazole	11.57	167	41205	2.36	ng		98
74) Fluoranthene	12.56	202	689288	36.21	ng		97
77) Pyrene	12.79	202	678381	51.03	ng		99
80) Benzo(a)anthracene	13.97	228	266224	24.02	ng		98
82) Chrysene	14.01	228	251471	24.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.93	276	116137	12.14	ng		98
87) Benzo(b)fluoranthene	15.03	252	337708	30.83	ng	#	95
88) Benzo(k)fluoranthene	15.03	252	337299	32.66	ng		98
89) Benzo(a)pyrene	15.39	252	208178	21.16	ng		98
90) Dibenzo(a,h)anthracene	17.15	278	19526	2.23	ng		99
91) Benzo(g,h,i)perylene	17.37	276	113515	13.27	ng		94

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

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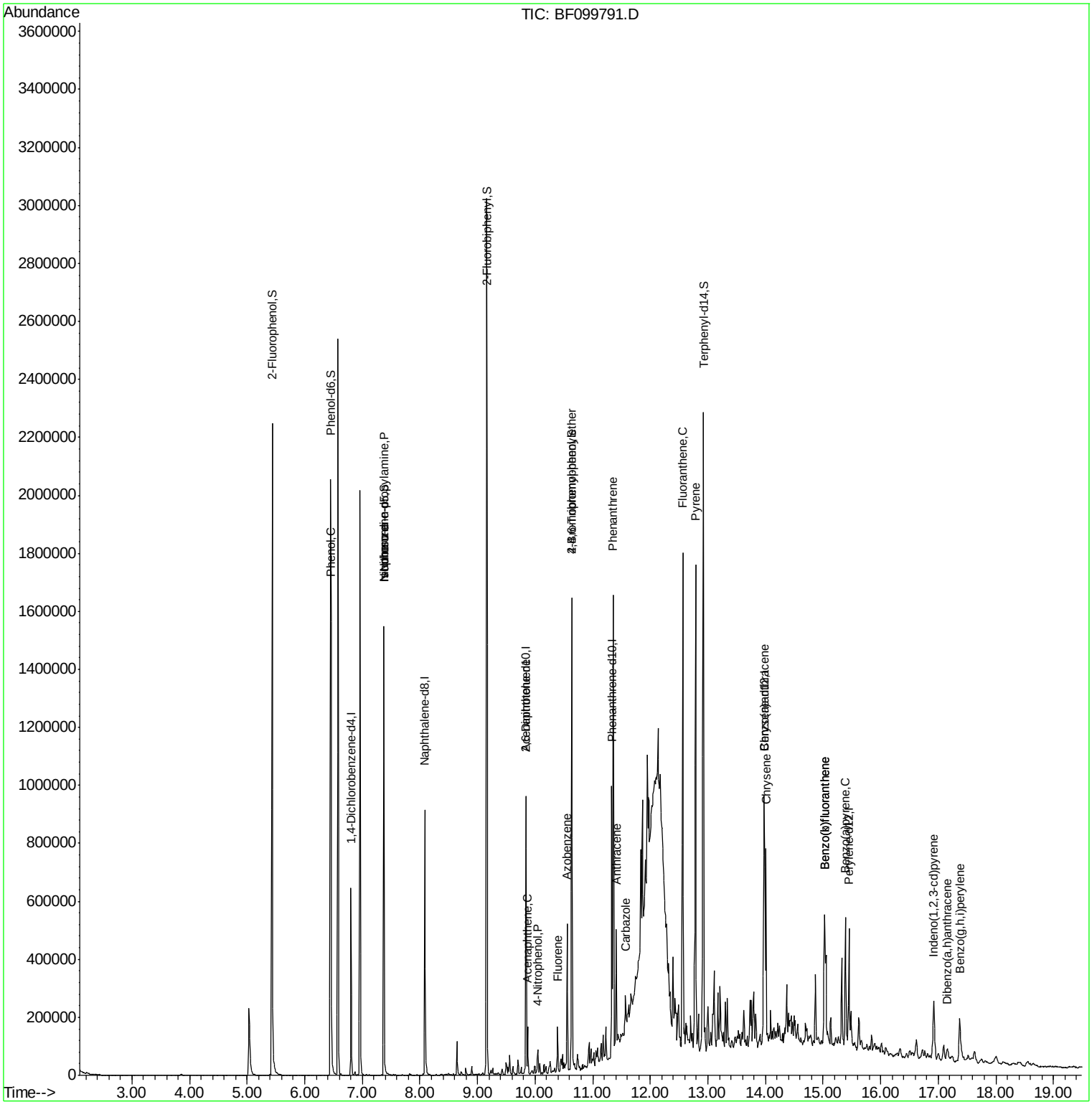
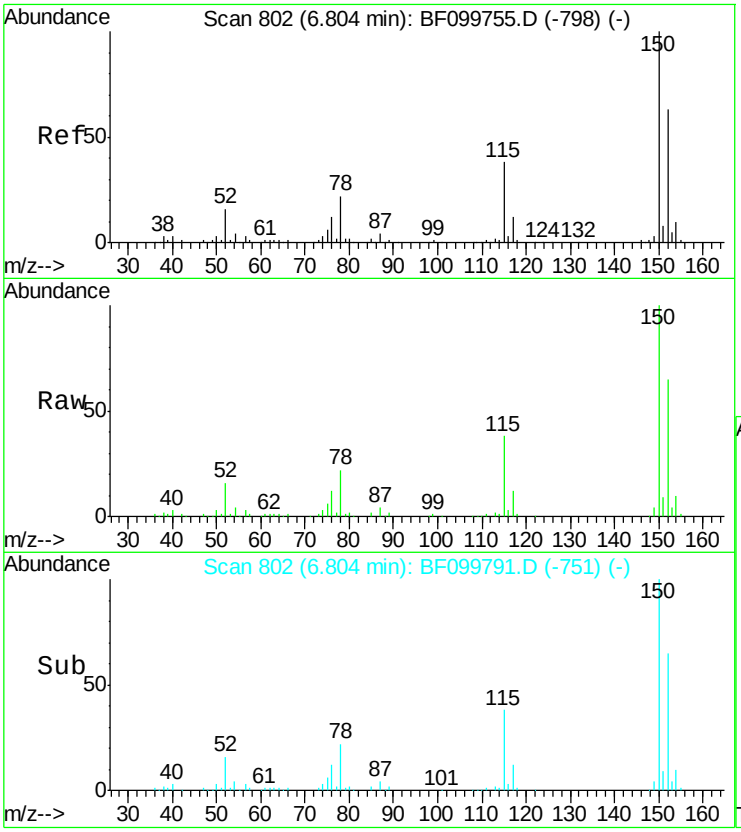
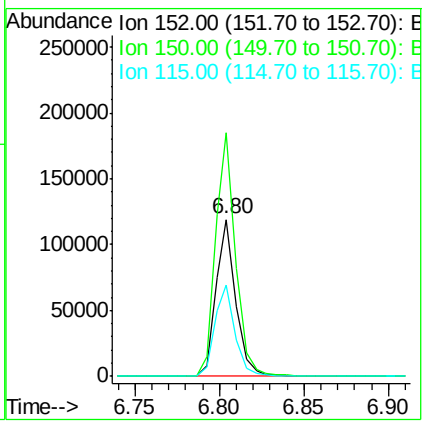




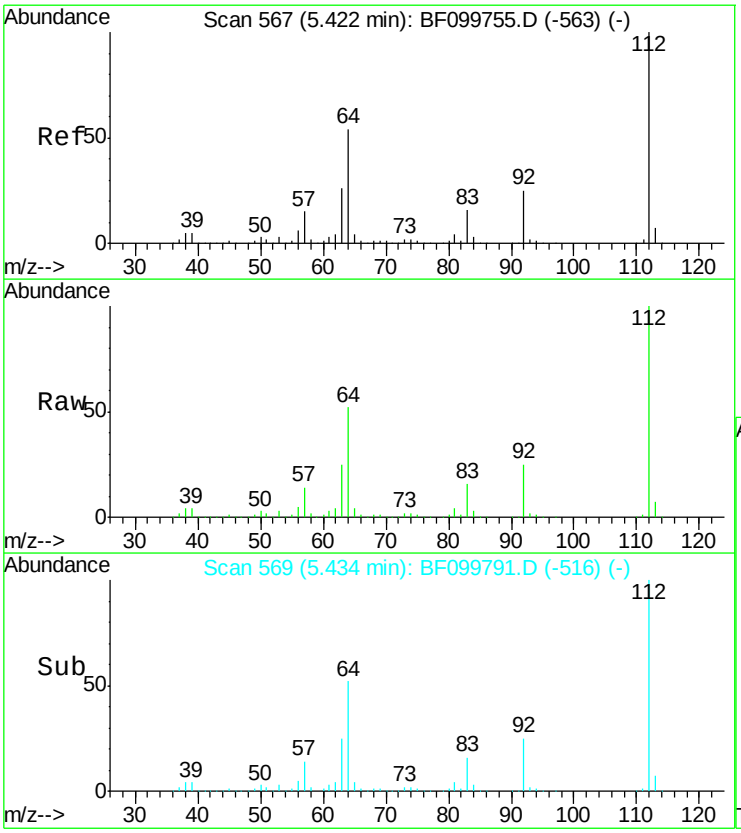
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:152 Resp: 97784

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	58.3	50.1	75.1



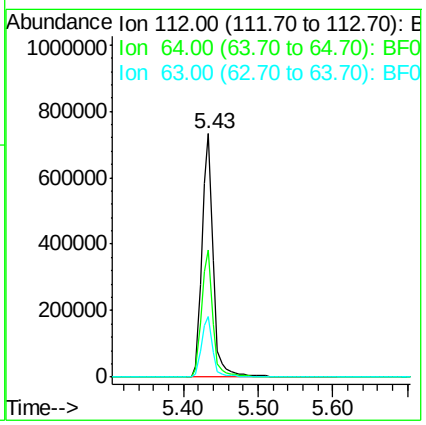
Instrument :
BNA_F
ClientSampleId :

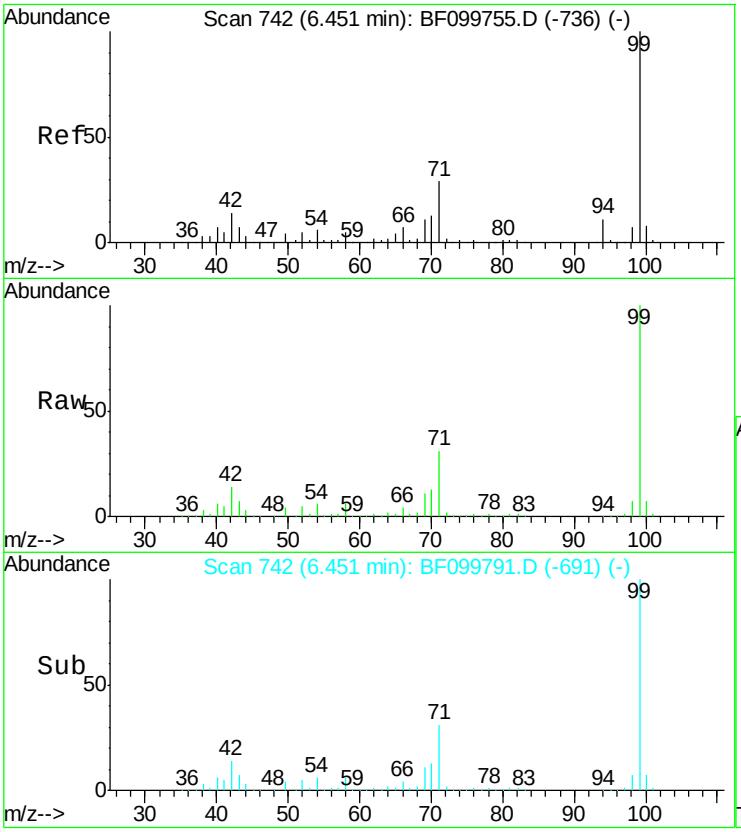


#5
2-Fluorophenol
Concen: 125.87 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:112 Resp: 783967

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	24.7	23.7	35.5



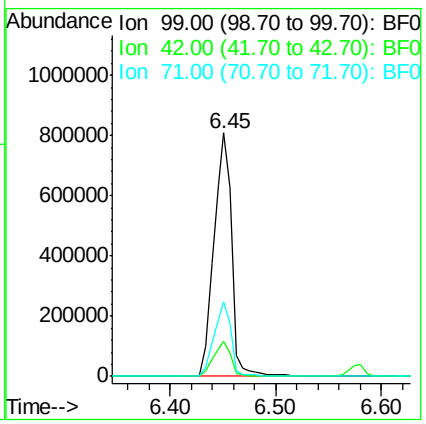


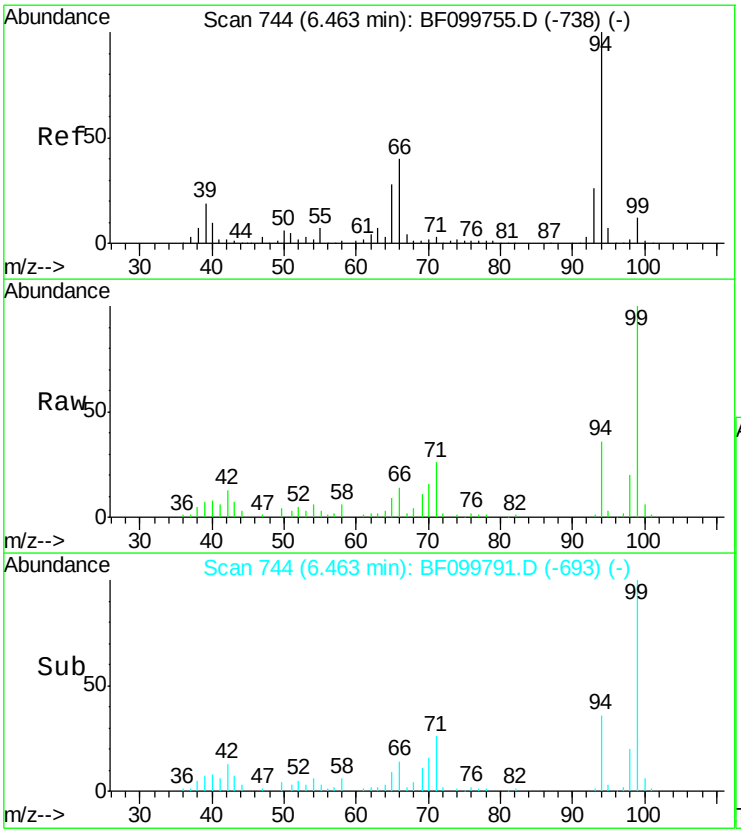
#7
Phenol-d6
Concen: 130.36 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 962700

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	30.6	25.4	38.0

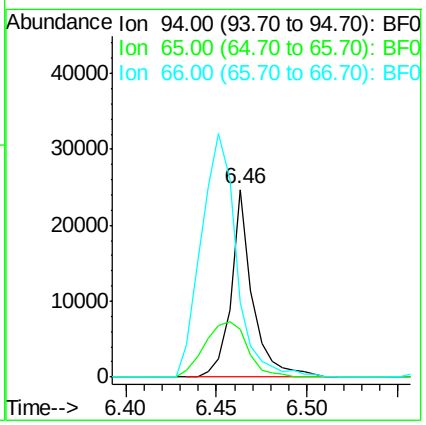


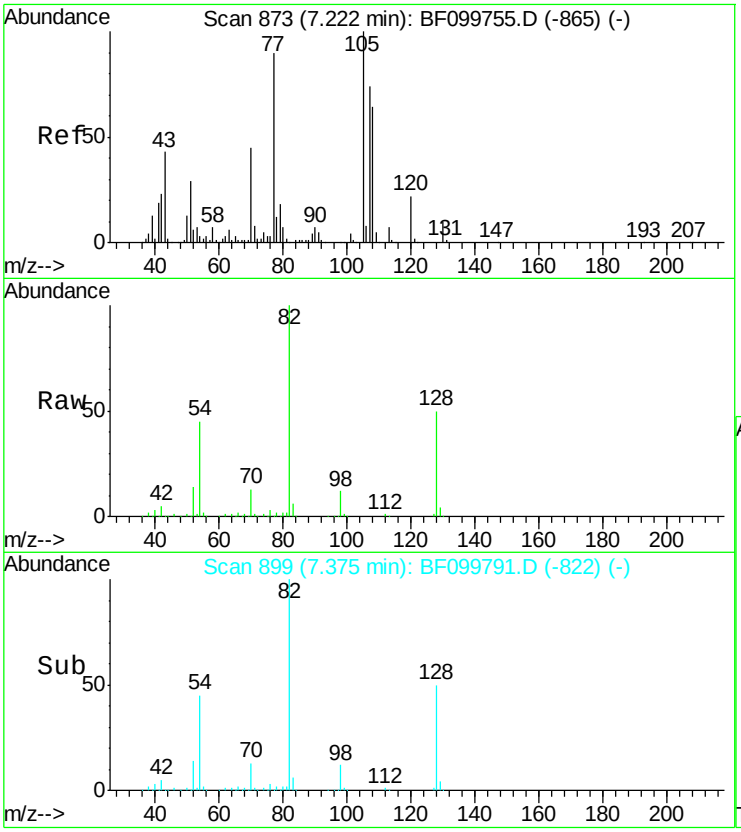


#10
Phenol
Concen: 2.51 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion: 94 Resp: 20389

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	39.7	16.2	56.2



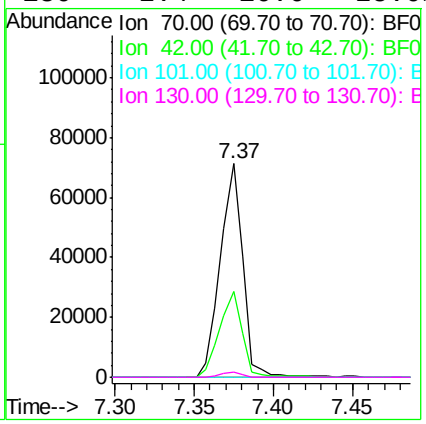


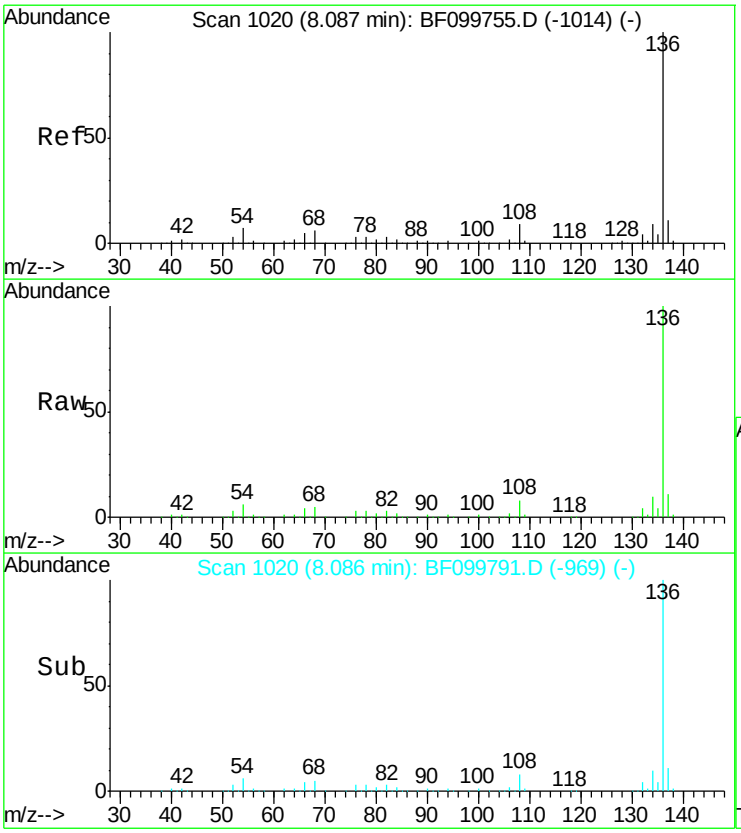
#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 70375

Ion	Ratio	Lower	Upper
70	100		
42	40.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

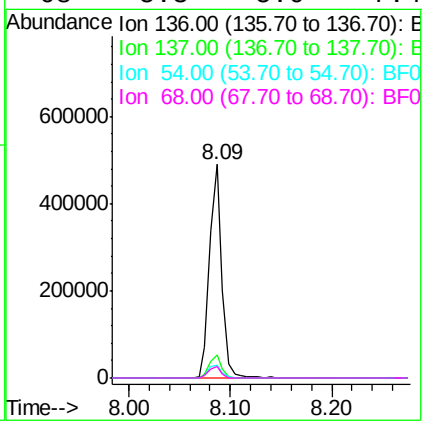


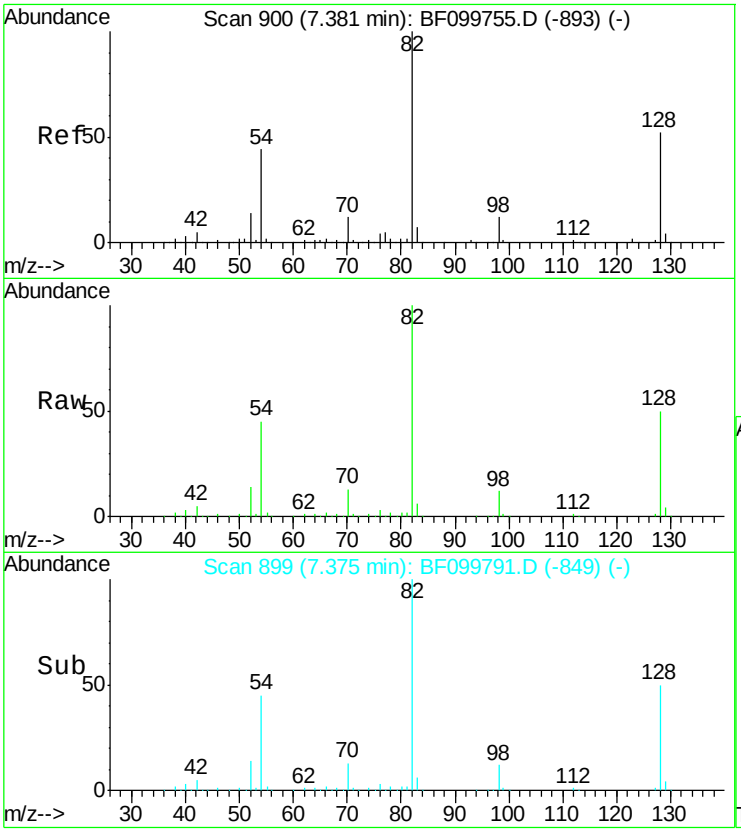


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:136 Resp: 410813

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.3	5.0	7.4



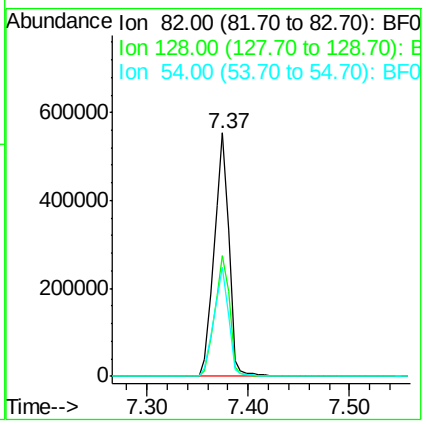


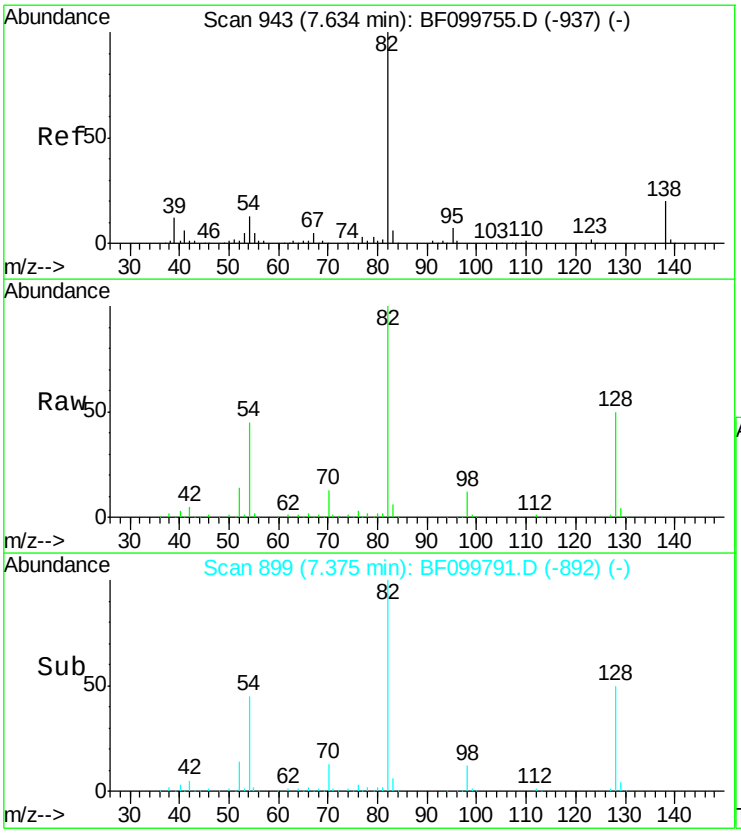
#23
Nitrobenzene-d5
Concen: 87.59 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 558918

Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	44.7	41.4	62.2

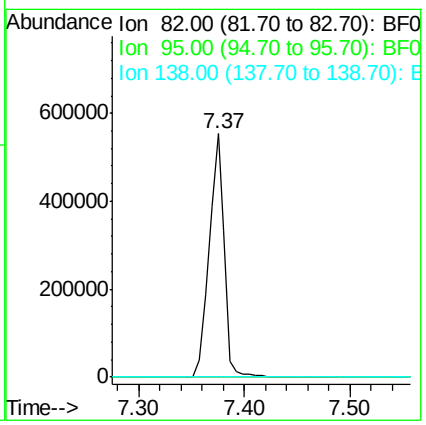


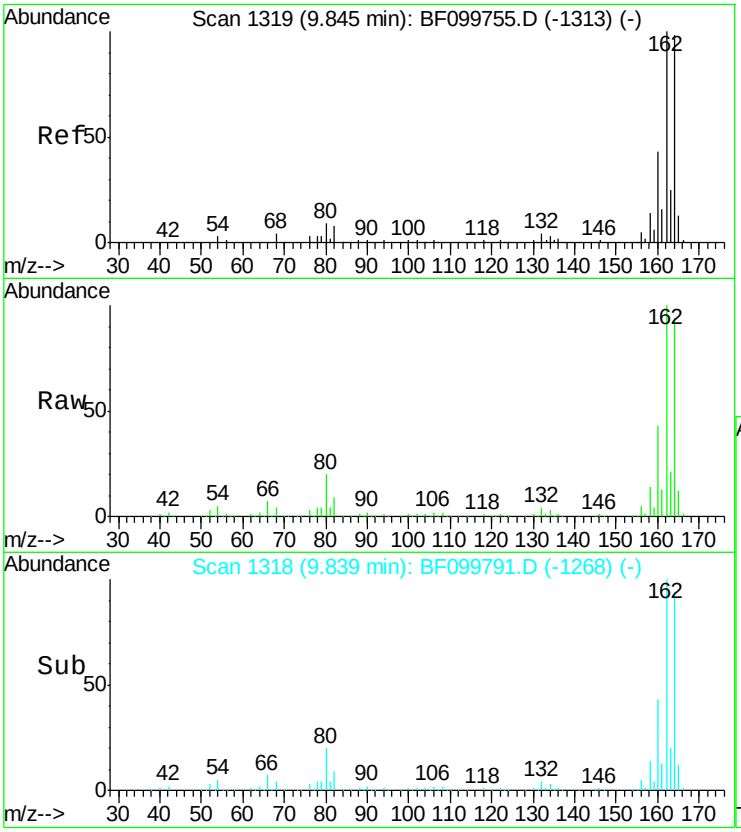


#25
Isophorone
Concen: 48.27 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion: 82 Resp: 558913

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



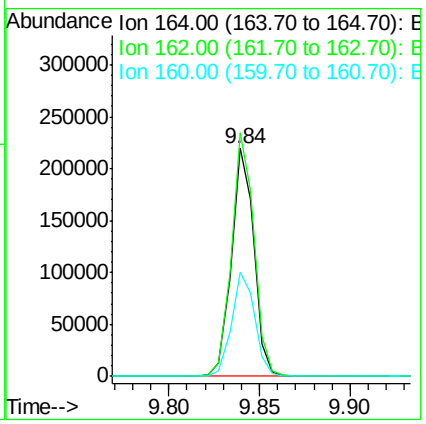


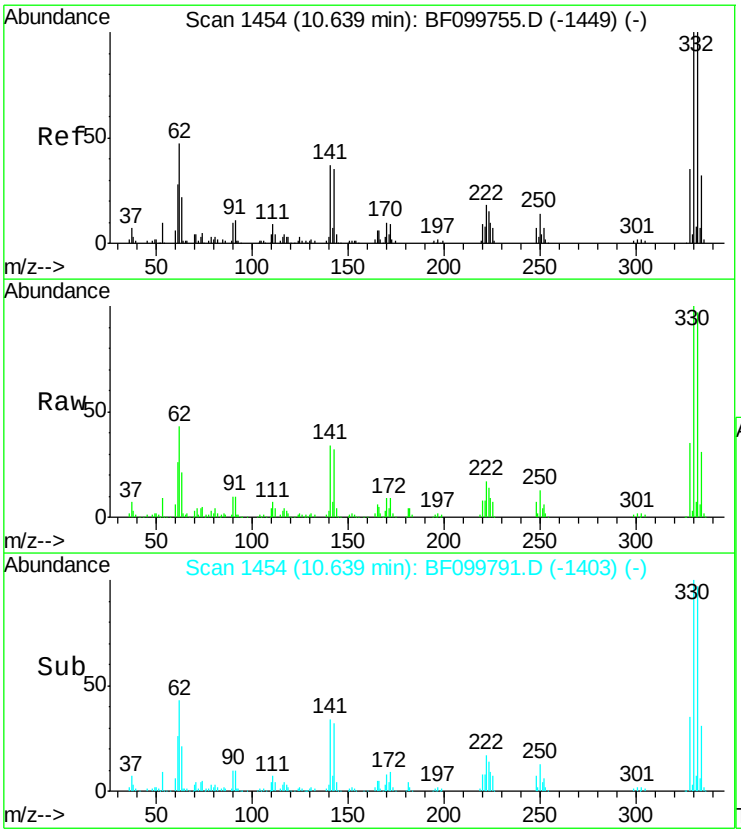
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 188832

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	45.4	38.3	57.5

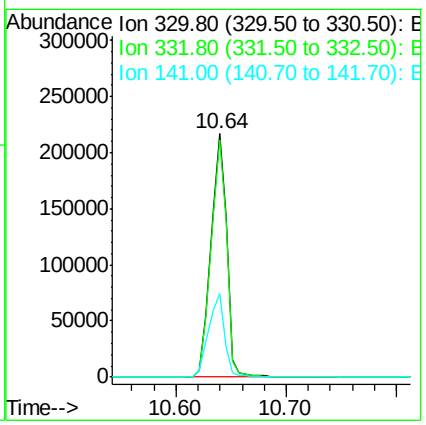


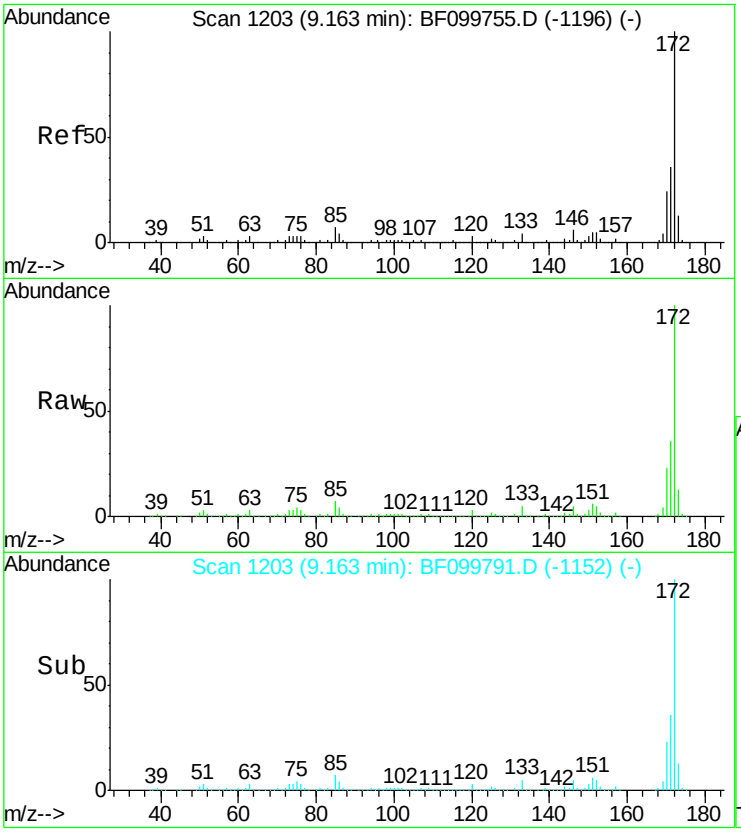


#41
2,4,6-Tribromophenol
Concen: 122.94 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:330 Resp: 211554

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	35.2	29.9	44.9



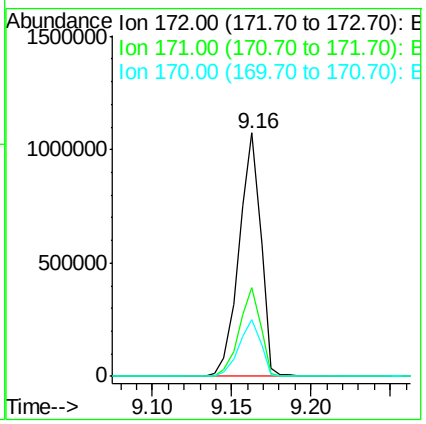


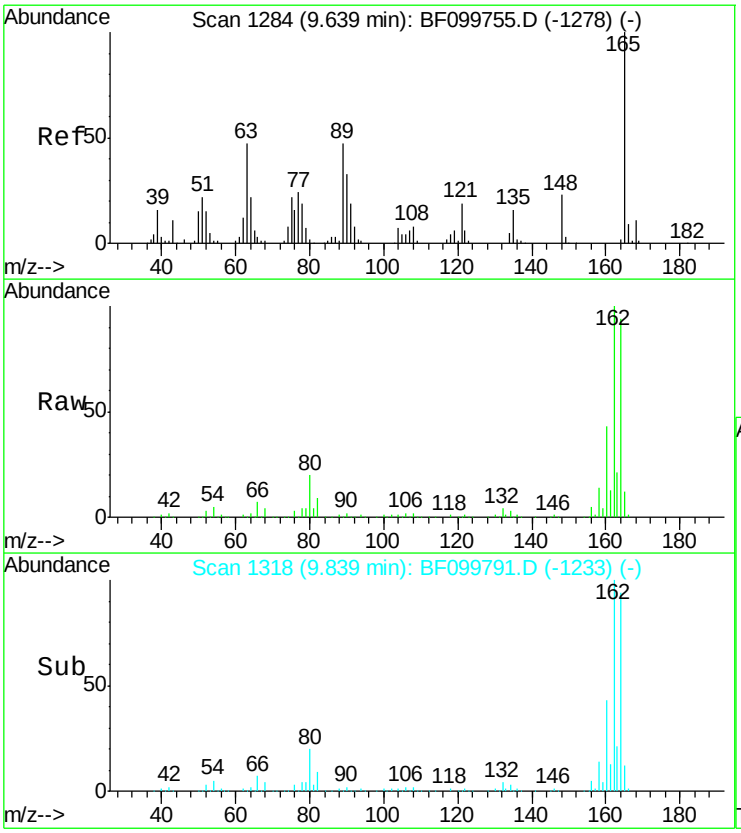
#44
2-Fluorobiphenyl
Concen: 83.22 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1018570

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	19.6	29.4

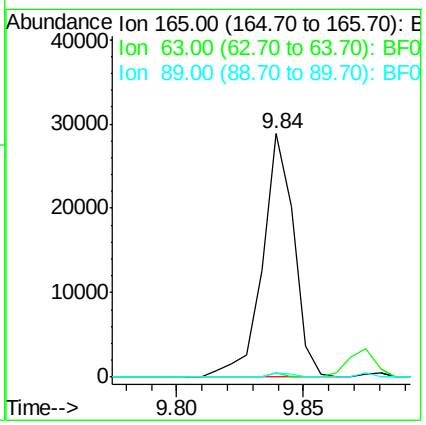


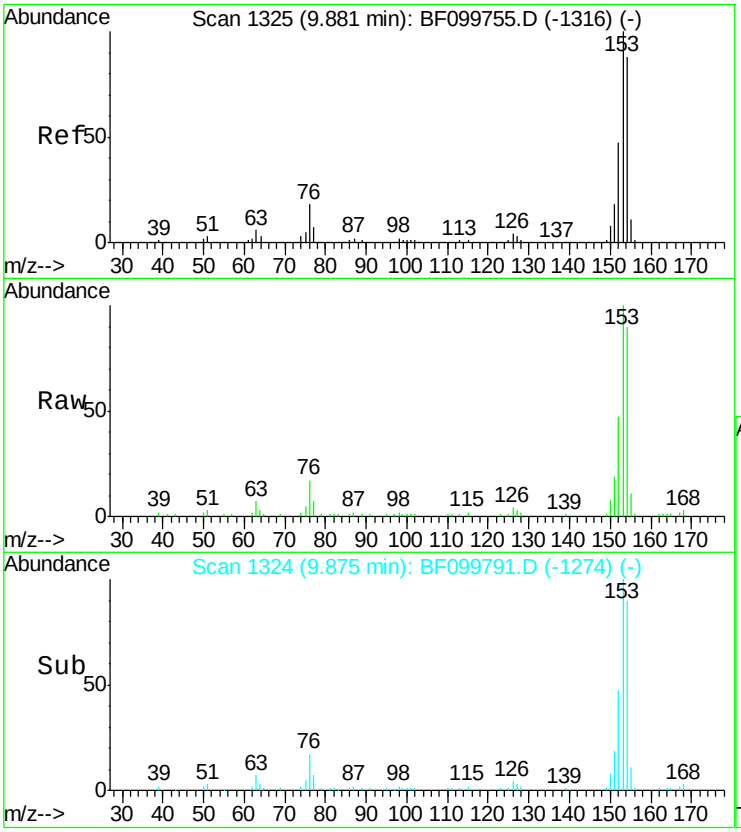


#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:165 Resp: 24939

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



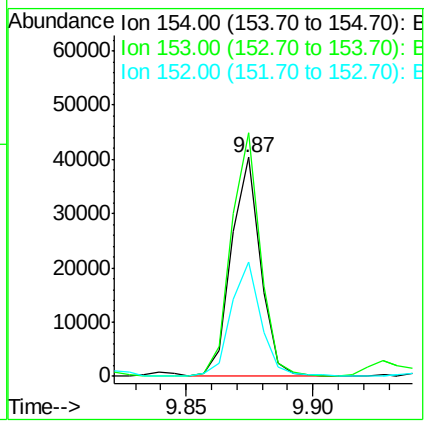


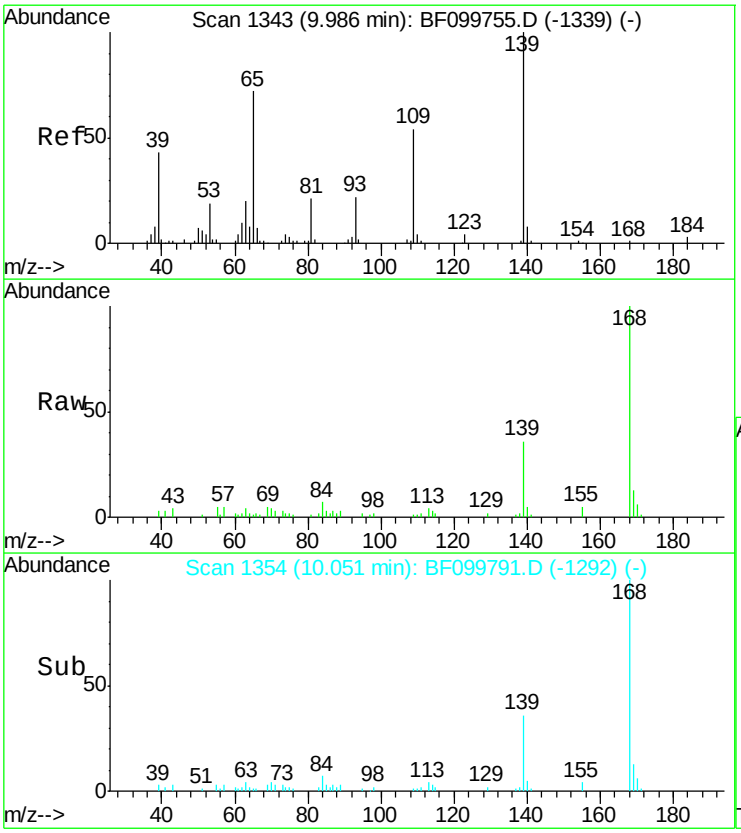
#51
Acenaphthene
Concen: 2.76 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 32174

Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.2	136.8
152	52.0	43.8	65.8

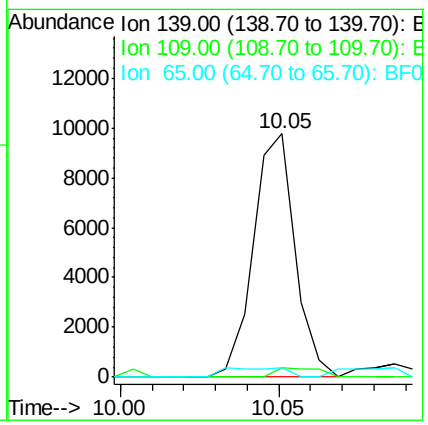


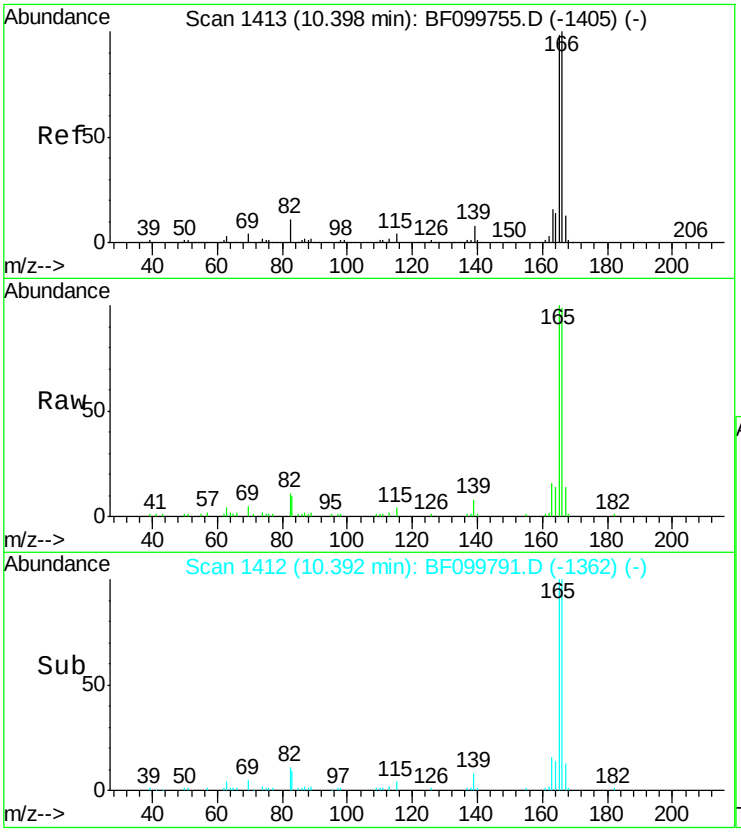


#55
4-Nitrophenol
Concen: 4.60 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.06 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:139 Resp: 8902

Ion	Ratio	Lower	Upper
139	100		
109	3.8	48.4	88.4#
65	3.8	72.6	112.6#



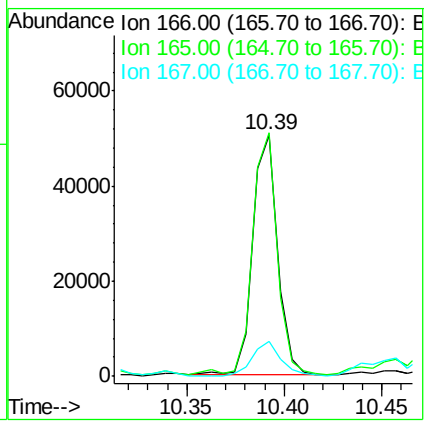


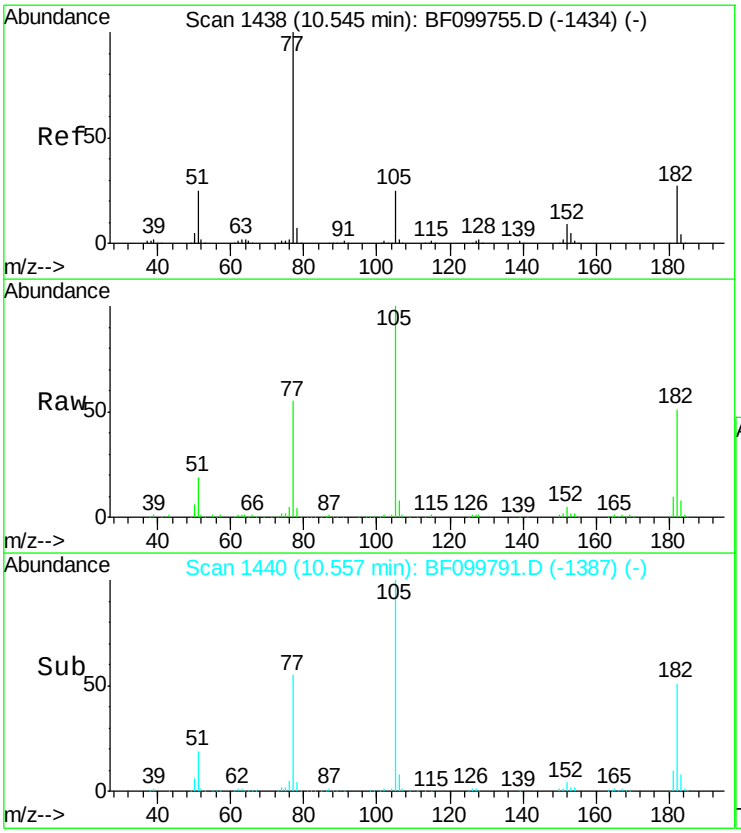
#57
Fluorene
Concen: 3.24 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 44240

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	14.5	10.6	16.0

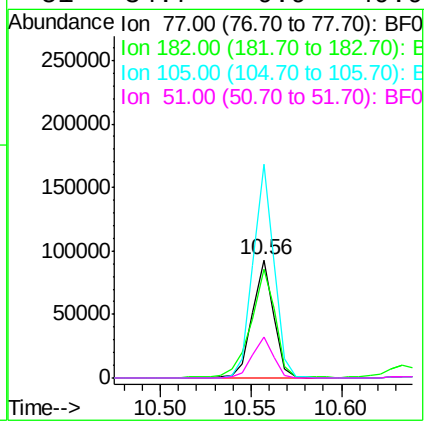


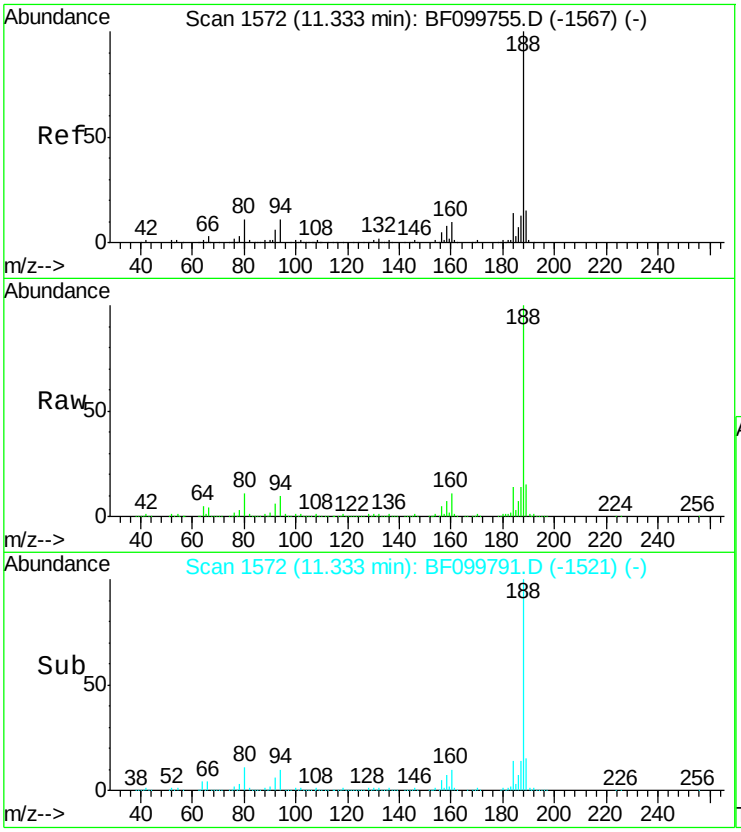


#62
Azobenzene
Concen: 6.21 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion: 77 Resp: 76000

Ion	Ratio	Lower	Upper
77	100		
182	92.0	1.7	41.7#
105	180.4	3.0	43.0#
51	34.7	9.9	49.9



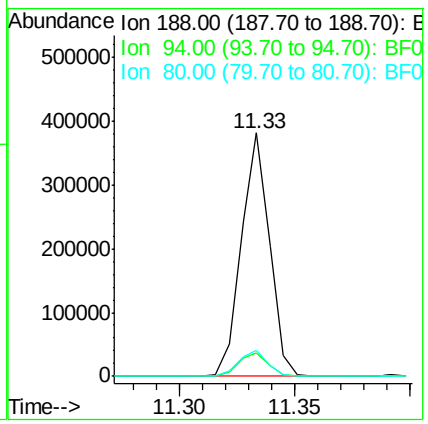


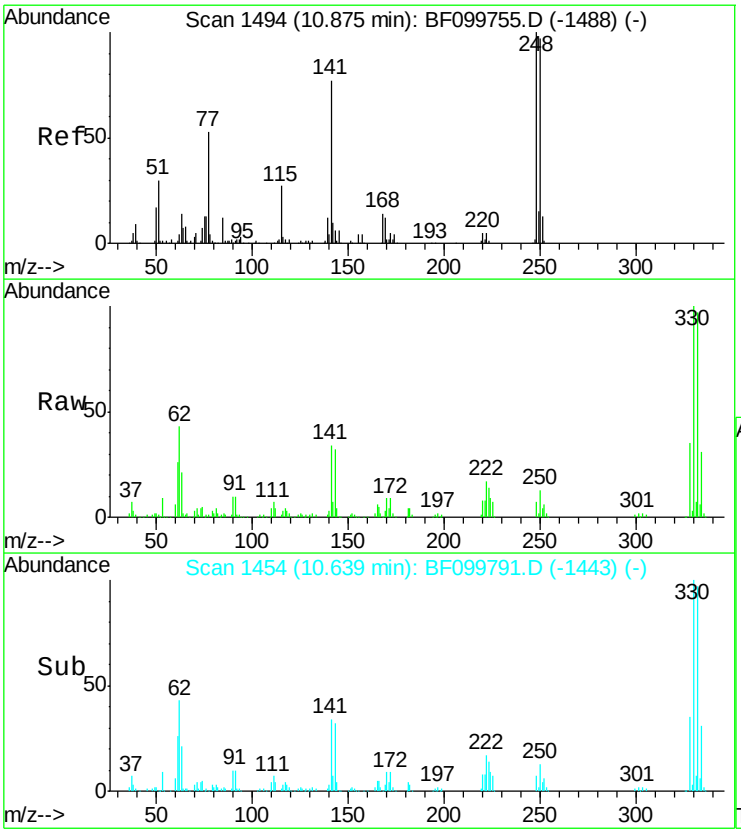
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 324600

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8

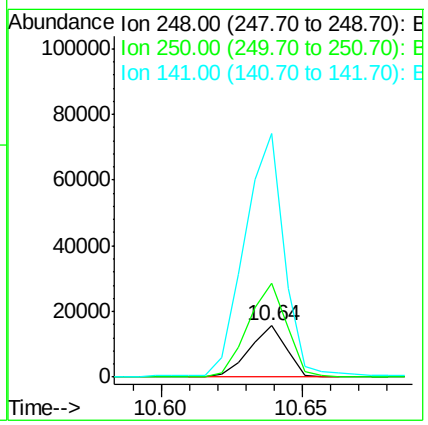


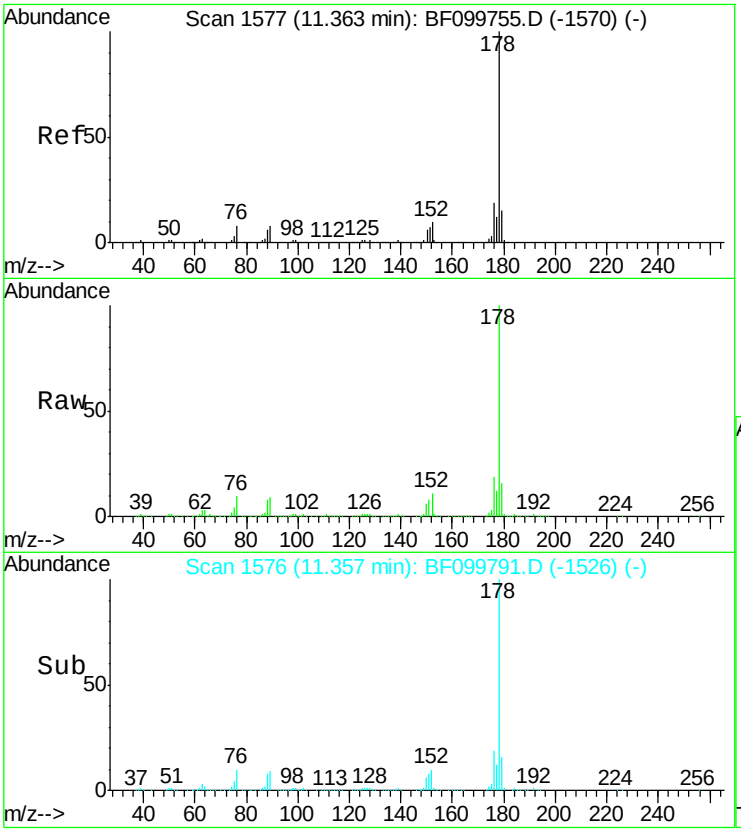


#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:248 Resp: 14140

Ion	Ratio	Lower	Upper
248	100		
250	183.1	76.9	115.3#
141	476.5	74.4	111.6#



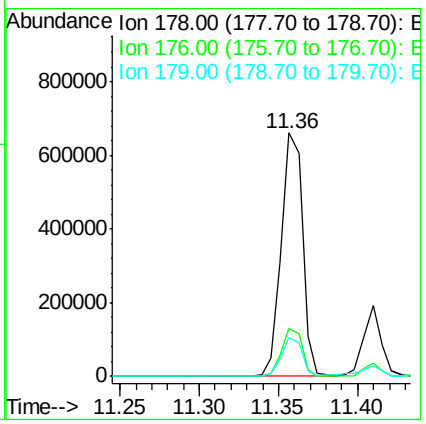


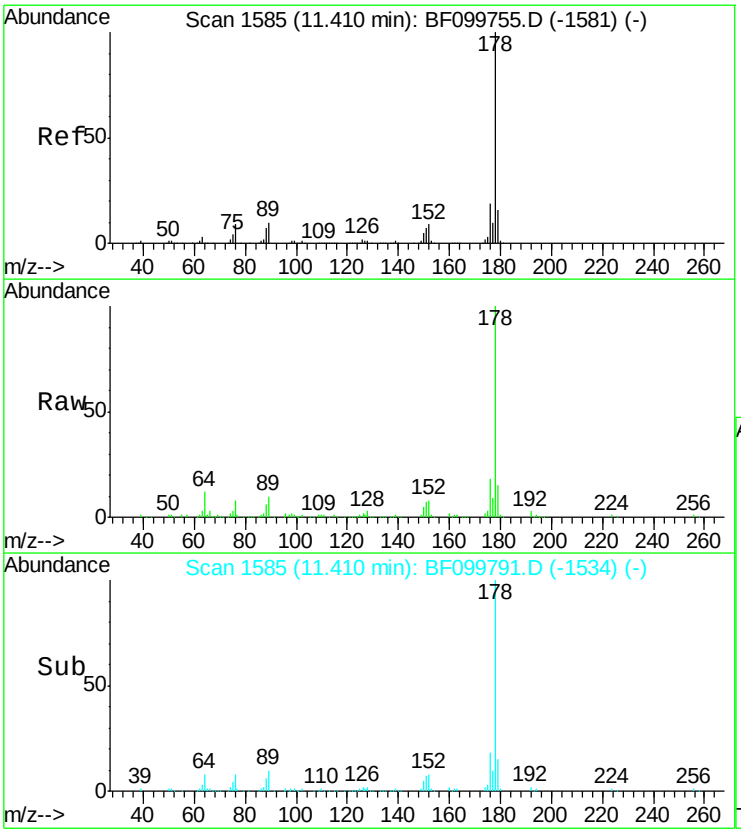
#70
Phenanthrene
Concen: 33.67 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 616751

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	13.0	19.6

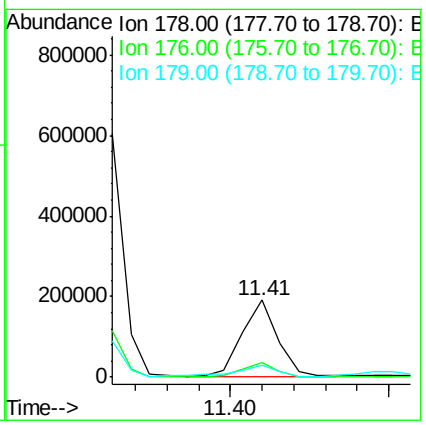


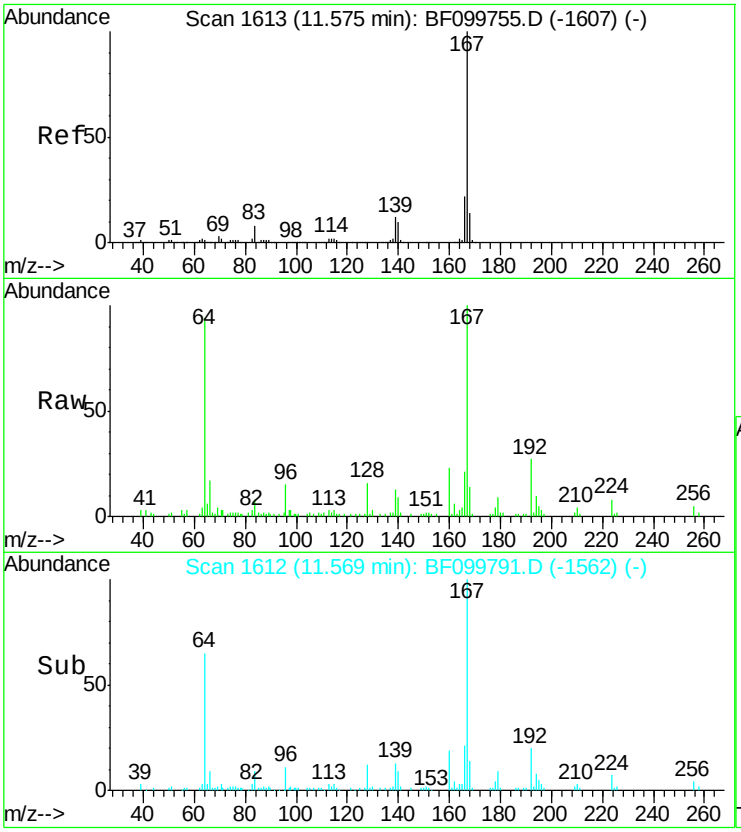


#71
Anthracene
Concen: 7.82 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:178 Resp: 145459

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	12.6	19.0



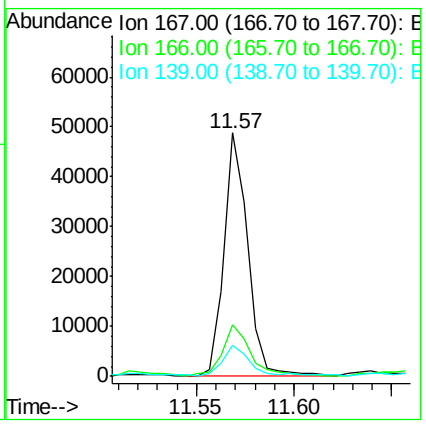


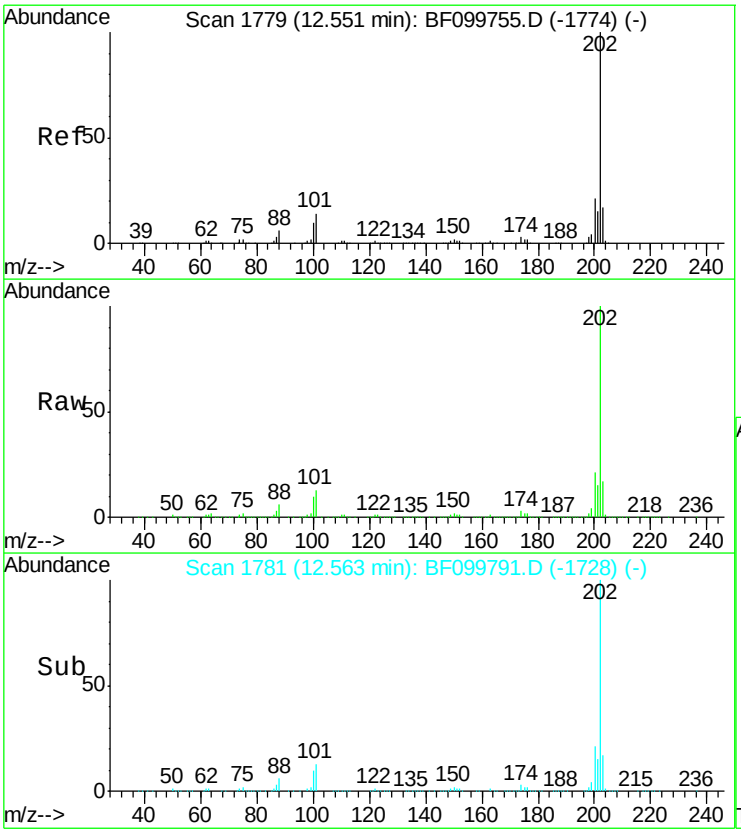
#72
Carbazole
Concen: 2.36 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 41205

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	13.0	10.9	16.3

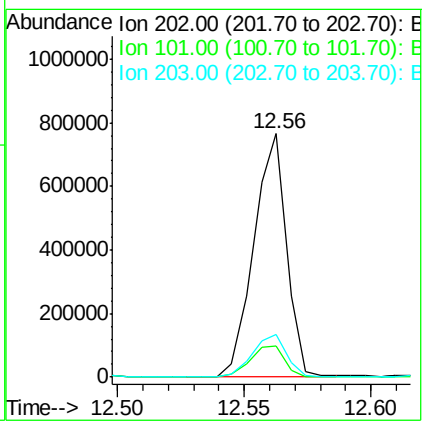


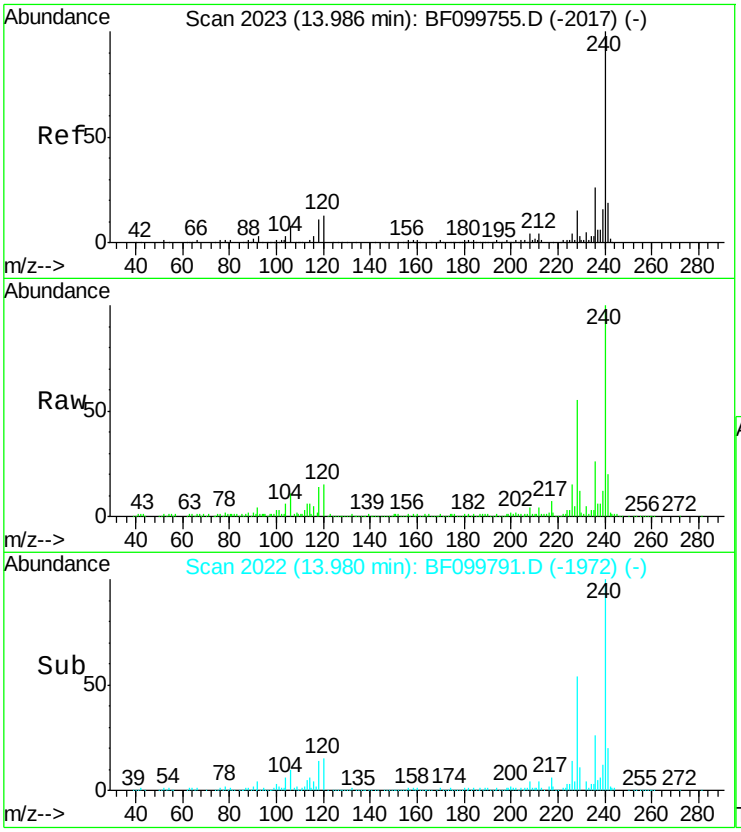


#74
Fluoranthene
Concen: 36.21 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:202 Resp: 689288

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.3	0.0	38.1



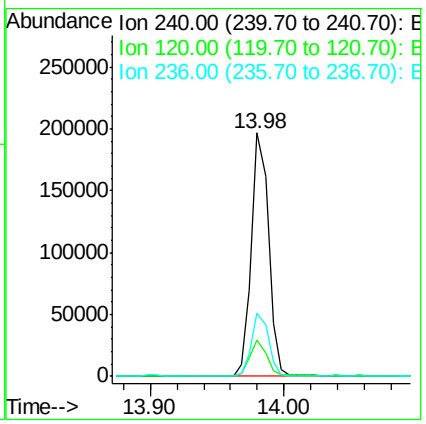


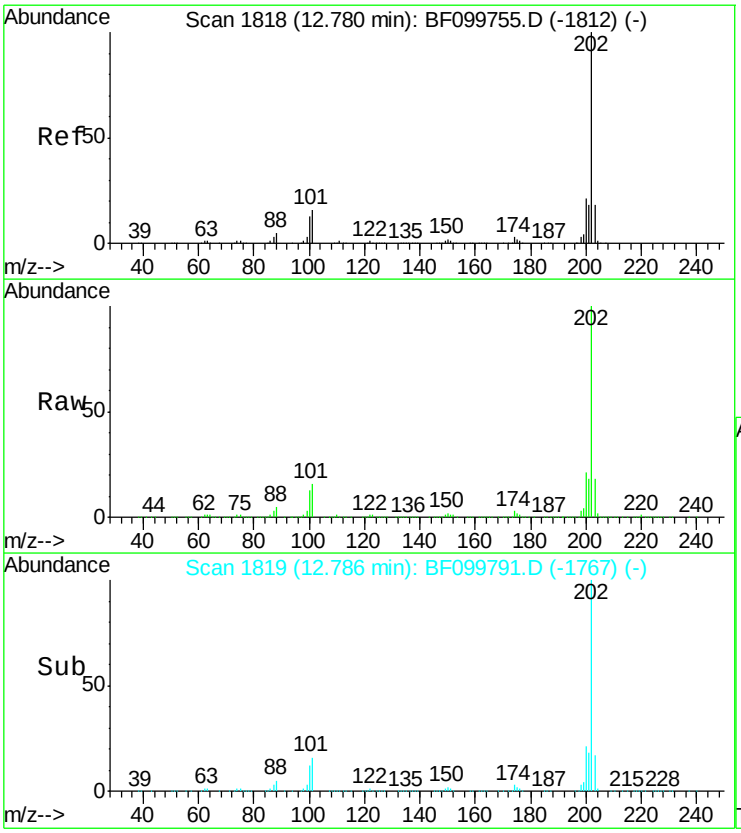
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 174836

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.9	20.7	31.1

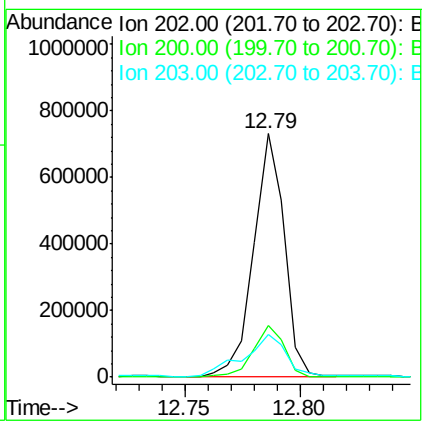


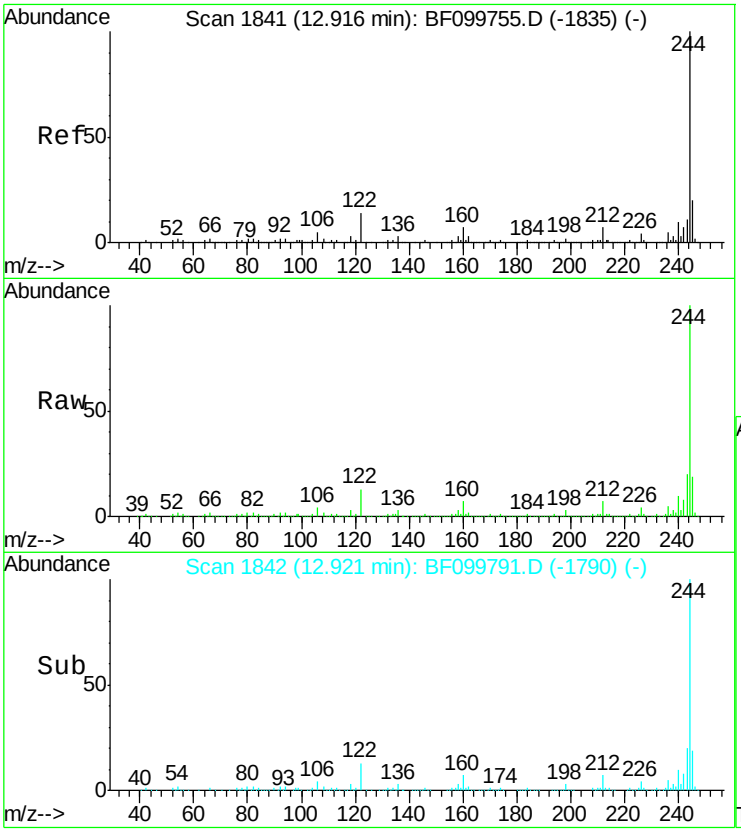


#77
Pyrene
Concen: 51.03 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:202 Resp: 678381

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5



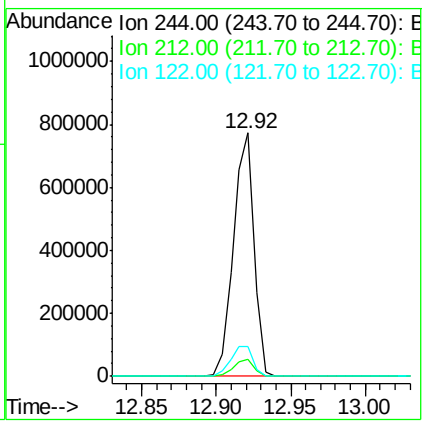


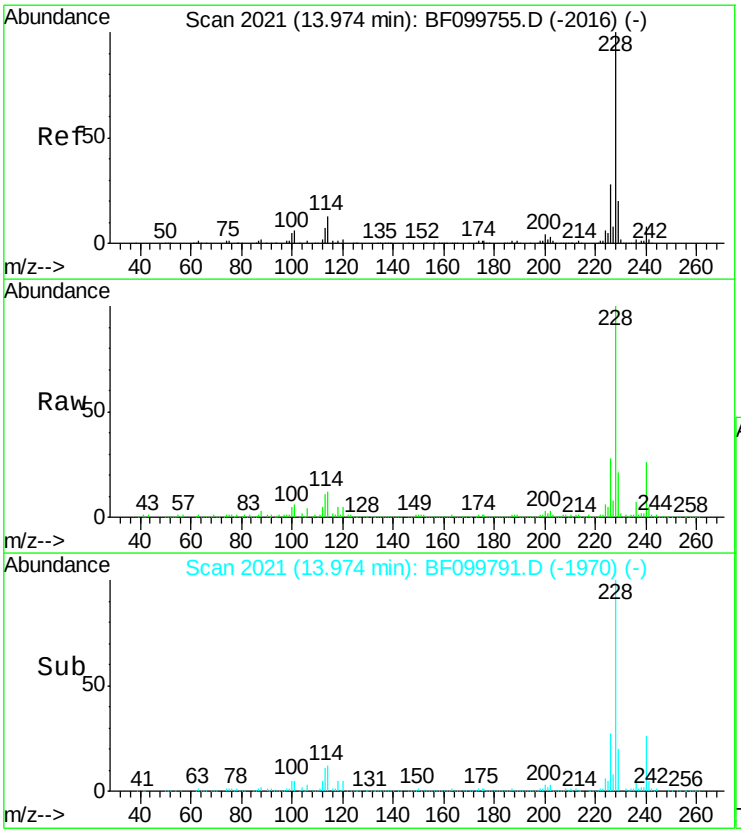
#78
Terphenyl-d14
Concen: 93.72 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 749810

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

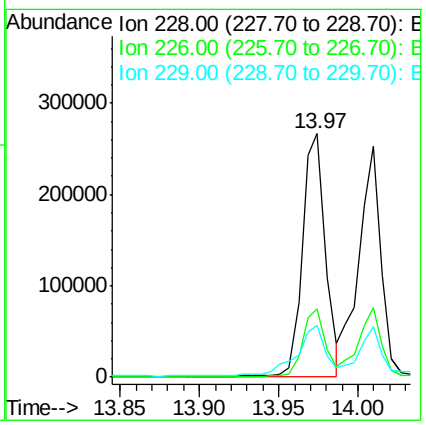


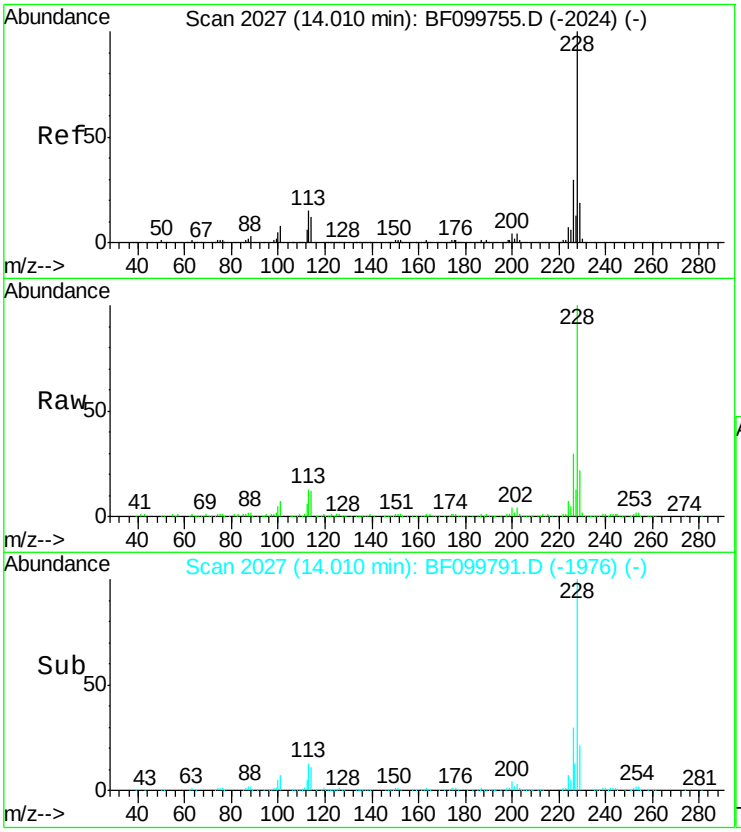


#80
Benzo(a)anthracene
Concen: 24.02 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:228 Resp: 266224

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.2	15.8	23.6



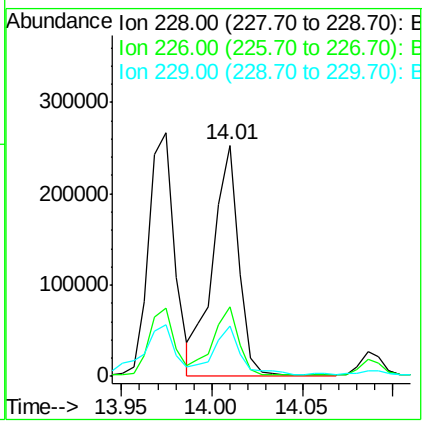


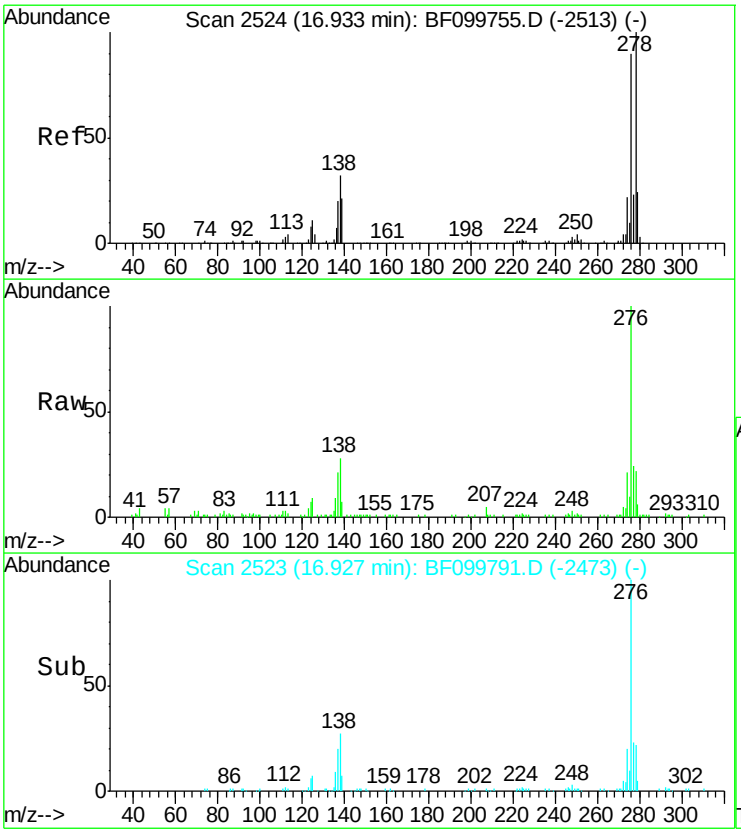
#82
Chrysene
Concen: 24.13 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 251471

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.7	16.2	24.4

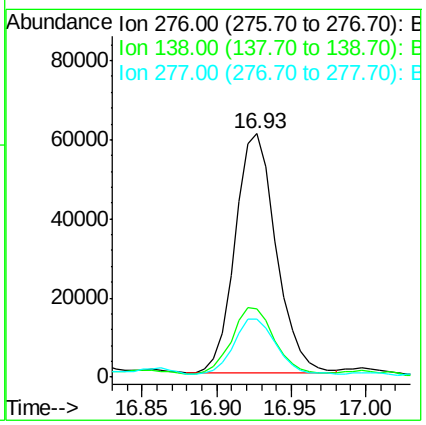


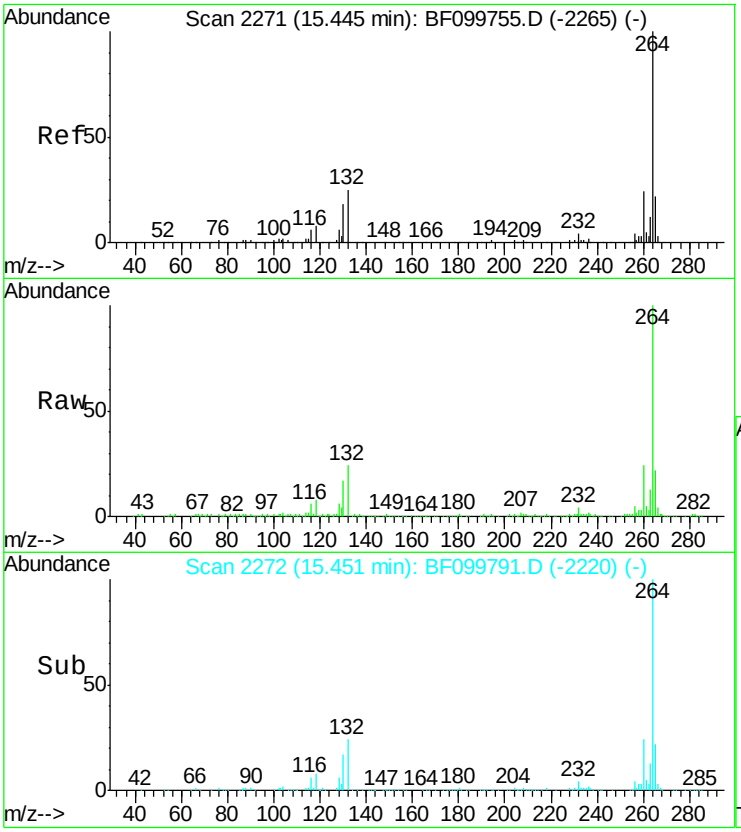


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.14 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:276 Resp: 116137

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	24.0	20.1	30.1



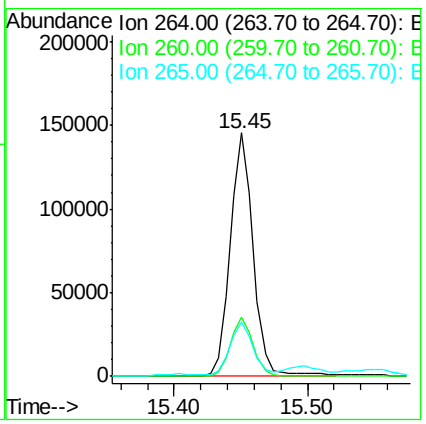


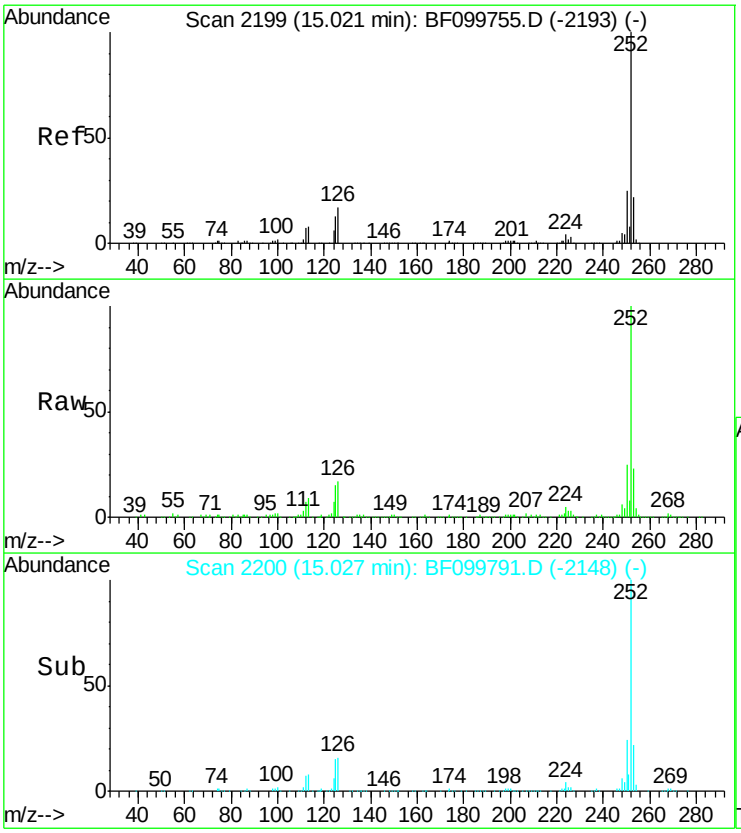
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 173469

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3

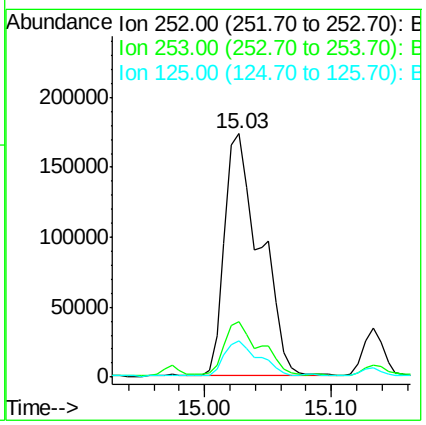


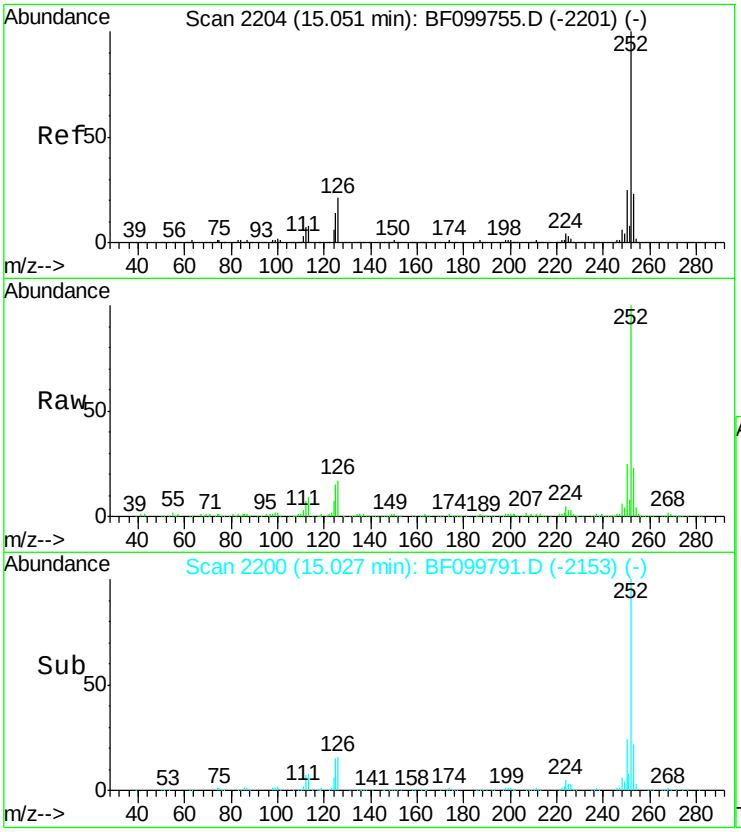


#87
Benzo(b)fluoranthene
Concen: 30.83 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:252 Resp: 337708

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	15.1	9.0	13.6#



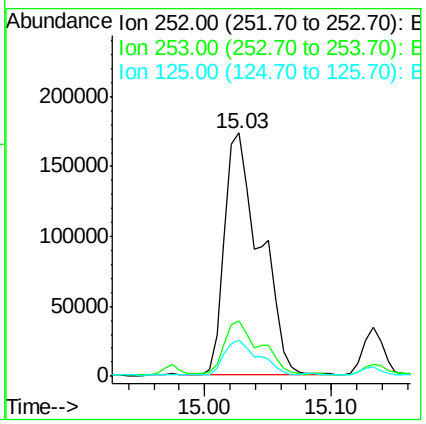


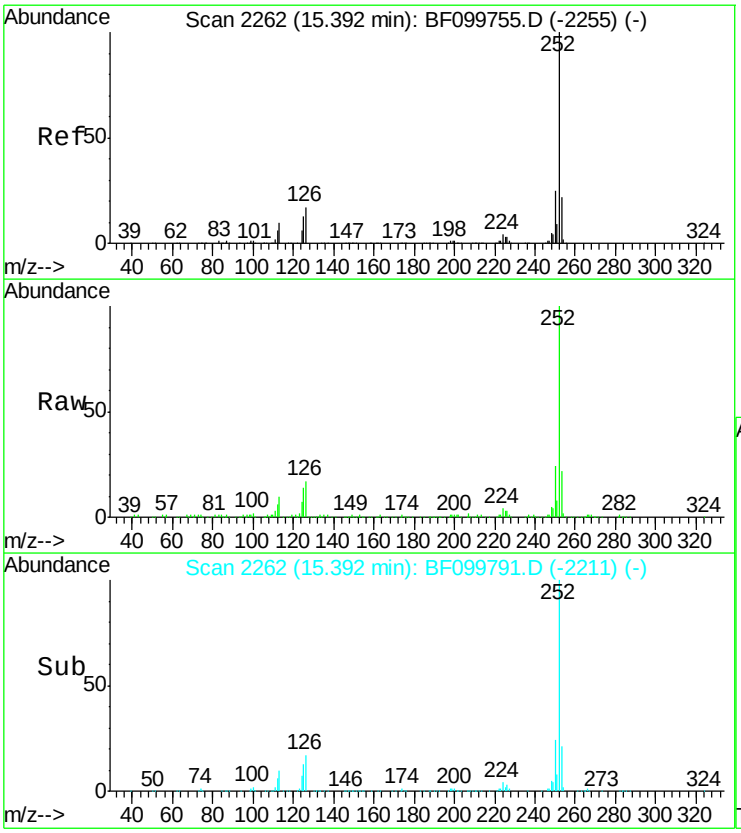
#88
Benzo(k)fluoranthene
Concen: 32.66 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 337299

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.1	10.2	15.2

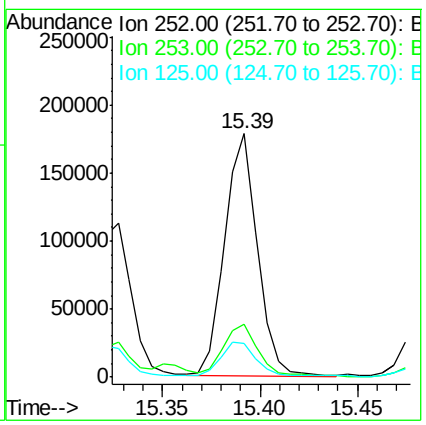


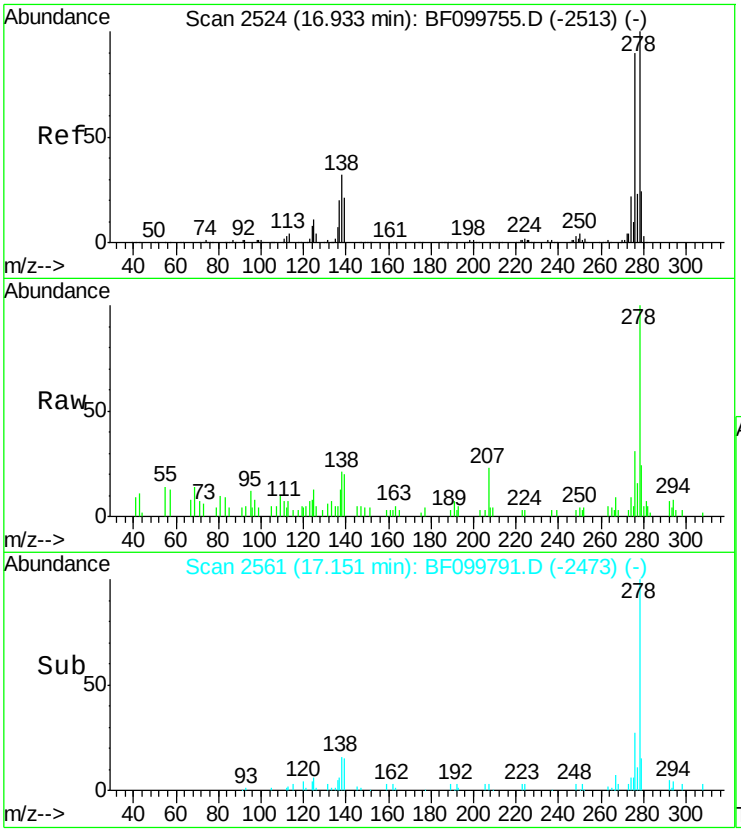


#89
Benzo(a)pyrene
Concen: 21.16 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:252 Resp: 208178

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.0	9.8	14.6



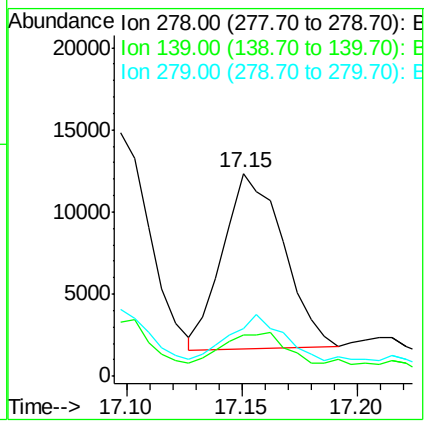


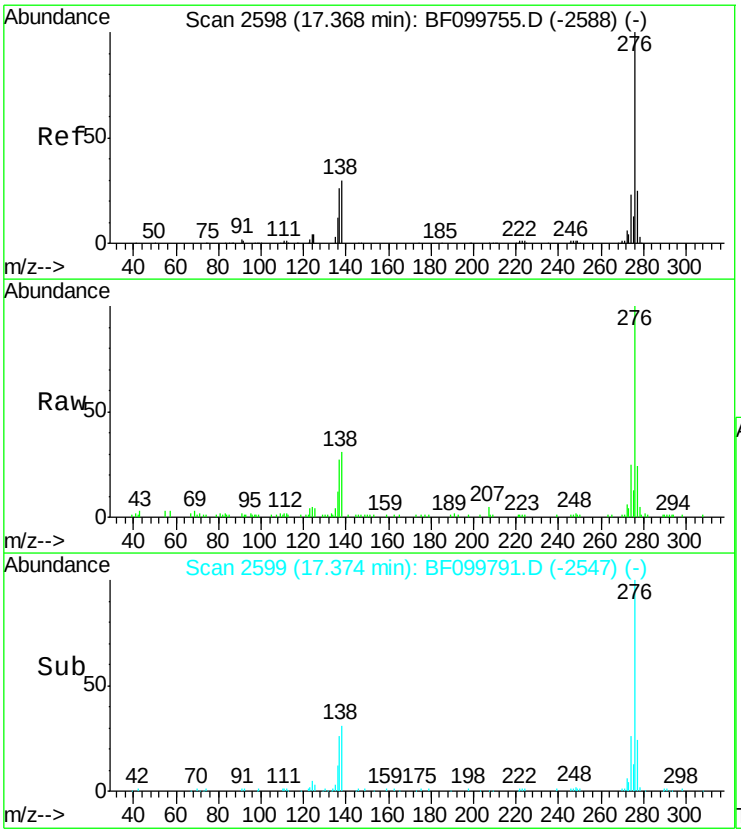
#90
Dibenzo(a,h)anthracene
Concen: 2.23 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.22 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19526

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	23.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 13.27 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF099791.D
Acq: 24 Oct 2017 16:39

Tgt Ion:276 Resp: 113515

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	31.4	21.8	32.8