Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099635.D
Acq On : 18 Oct 2017 23:33
Operator : SJ/JU
Sample : I5935-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 19 00:41:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 22:24:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89014	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	304141	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	107088	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	186293	20.00	ng		0.00
75) Chrysene-d12	14.00	240	192088	20.00	ng		0.00
86) Perylene-d12	15.46	264	161709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	314407	56.23	ng		0.00
7) Phenol-d6	6.47	99	340672	49.39	ng		-0.01
23) Nitrobenzene-d5	7.39	82	184624	38.93	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	47253	53.93	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	302537	47.16	ng		0.00
78) Terphenyl-d14	12.93	244	254059	30.08	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	23404	5.314	ng	#	74
25) Isophorone	7.39	82	184622	18.829	ng	#	64
31) Naphthalene	8.13	128	148425	10.391	ng		98
33) 4-Chloroaniline	8.13	127	18803	3.152	ng	#	25
37) 2-Methylnaphthalene	8.82	142	112157	12.078	ng		97
48) Acenaphthylene	9.72	152	64210	6.070	ng	#	97
50) 2,6-Dinitrotoluene	9.86	165	16928	9.620	ng	#	24
51) Acenaphthene	9.89	154	14252	2.127	ng		98
57) Fluorene	10.41	166	52837	7.368	ng		99
70) Phenanthrene	11.37	178	299711	30.056	ng		98
71) Anthracene	11.43	178	72203	7.077	ng		98
74) Fluoranthene	12.56	202	198240	19.633	ng		98
77) Pyrene	12.80	202	363769	24.835	ng		99
80) Benzo(a)anthracene	14.02	228	154396	13.274	ng		94
82) Chrysene	14.02	228	154396	13.943	ng		98
85) Indeno(1,2,3-cd)pyrene	16.94	276	30997	3.499	ng		95
87) Benzo(b)fluoranthene	15.04	252	112223	11.287	ng	#	92
88) Benzo(k)fluoranthene	15.04	252	112223	11.428	ng	#	94
89) Benzo(a)pyrene	15.40	252	81368	8.916	ng	#	93
91) Benzo(g,h,i)perylene	17.39	276	36465	5.051	ng		91

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

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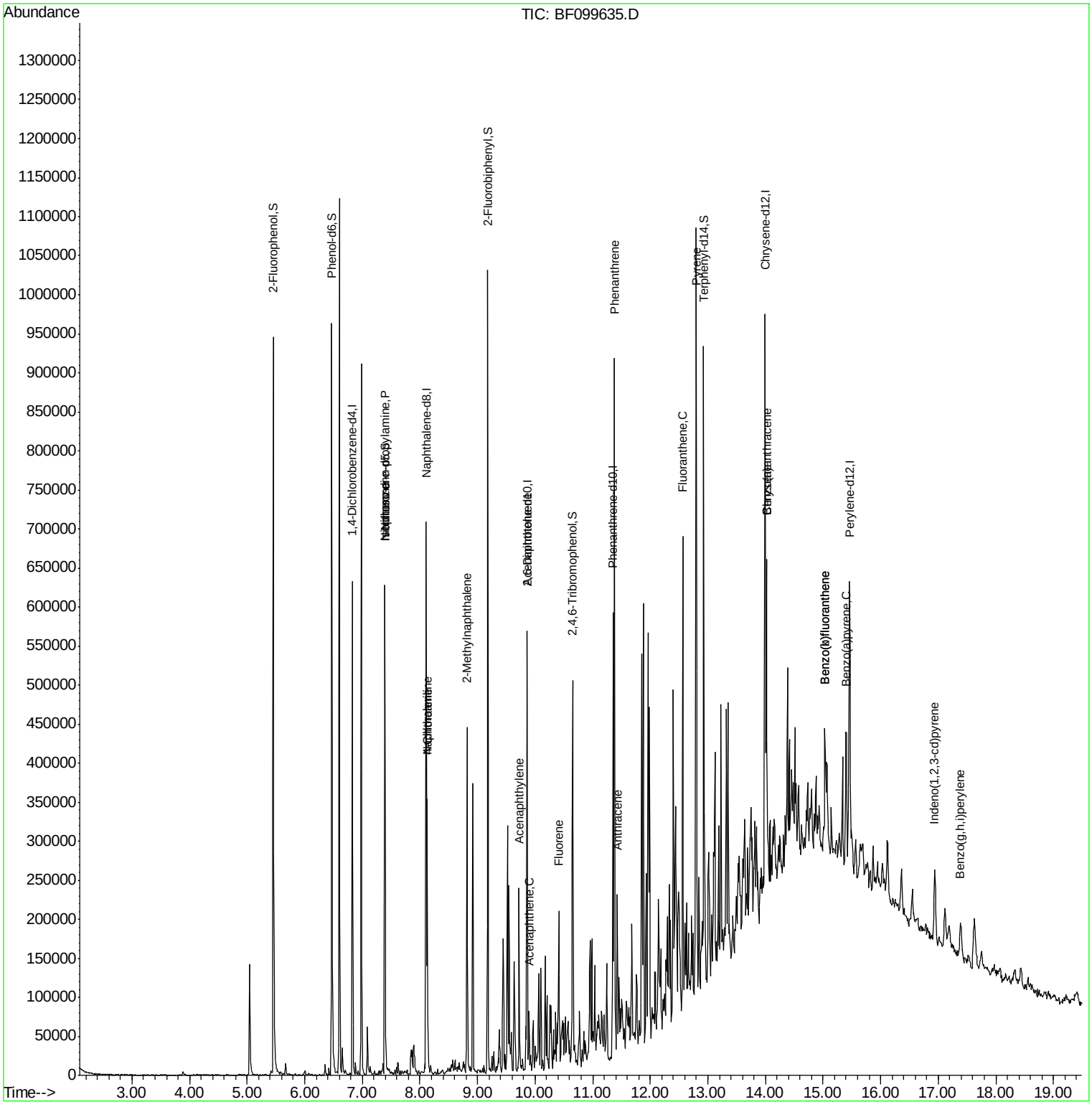
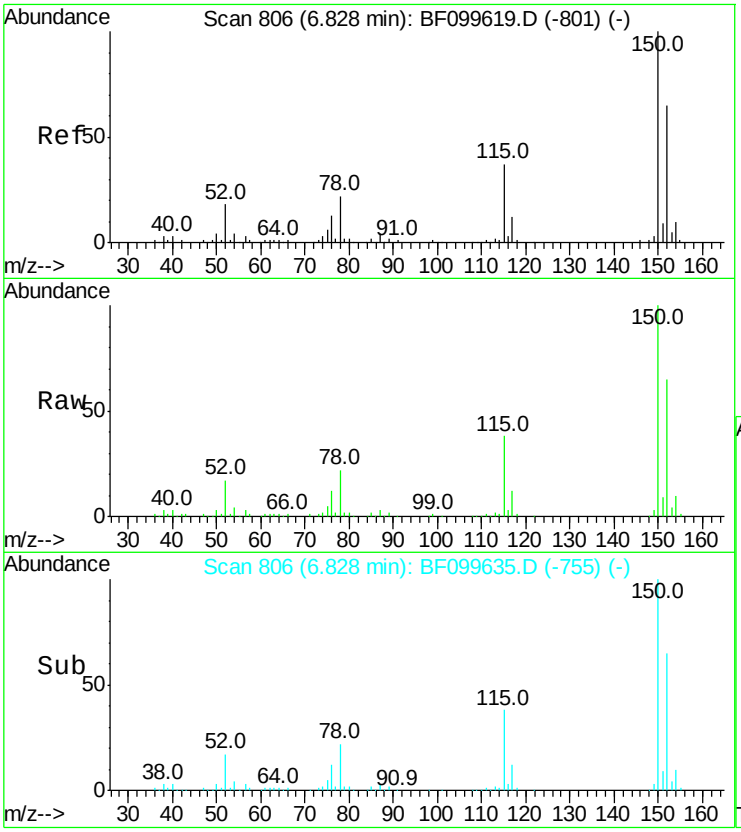


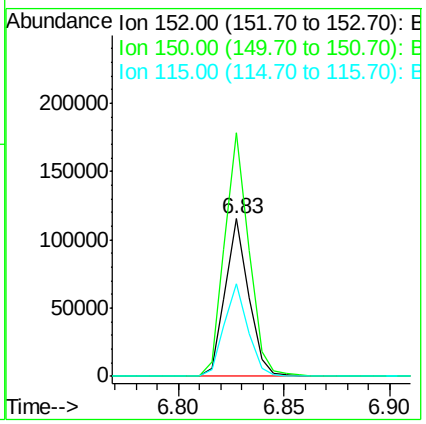


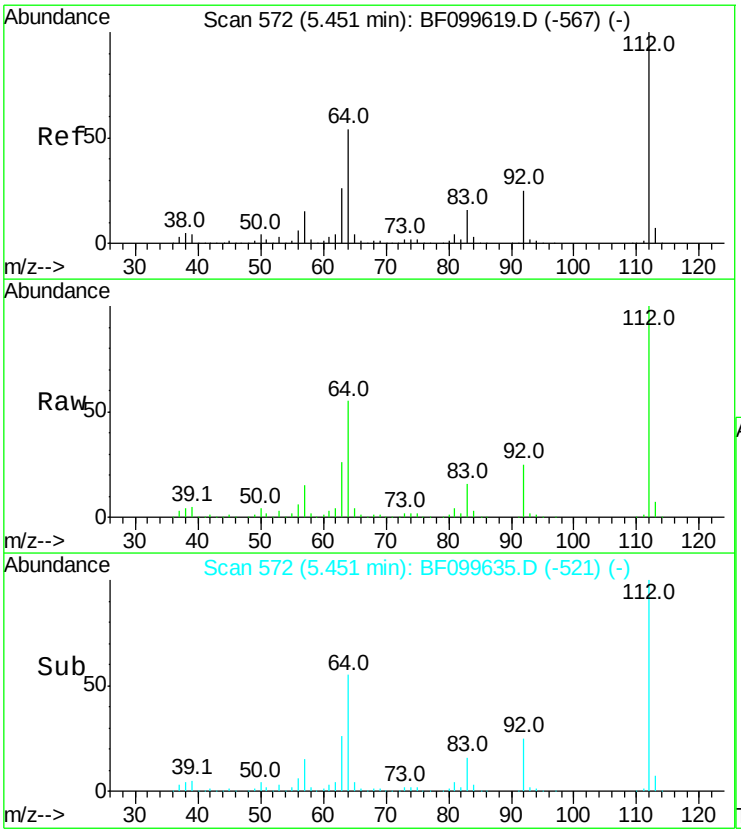
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89014

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.4	50.1	75.1

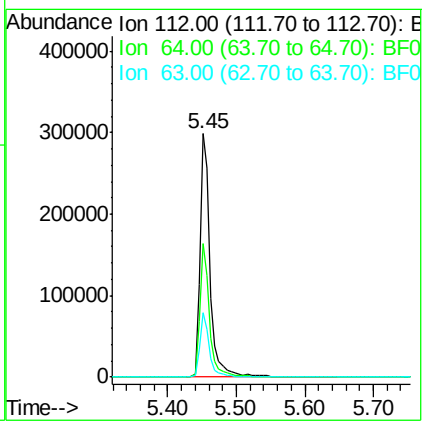


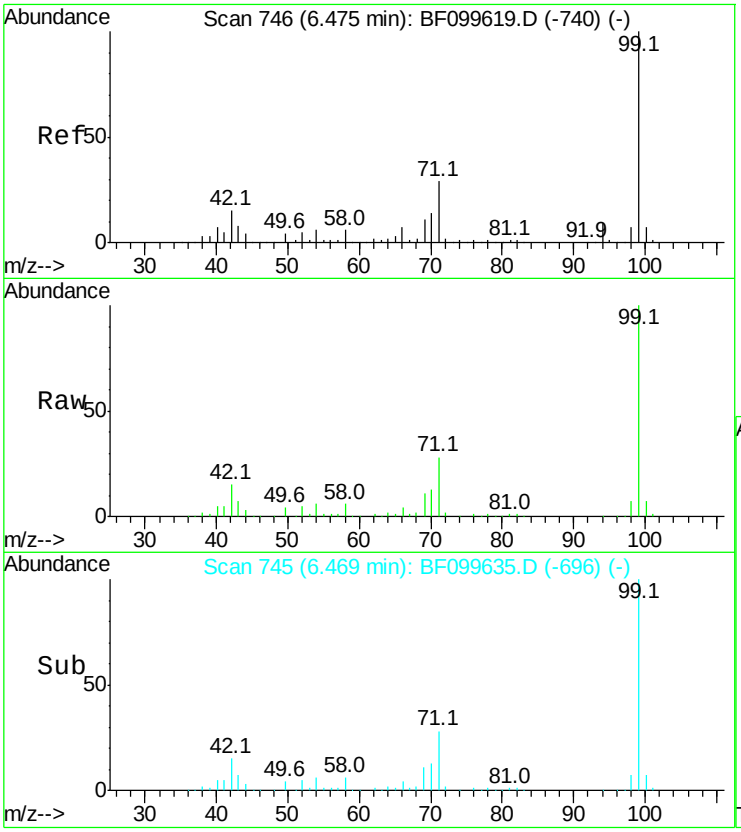


#5
2-Fluorophenol
Concen: 56.228 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:112 Resp: 314407

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	26.3	23.7	35.5



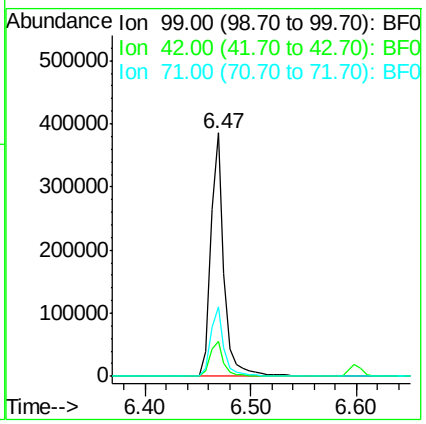


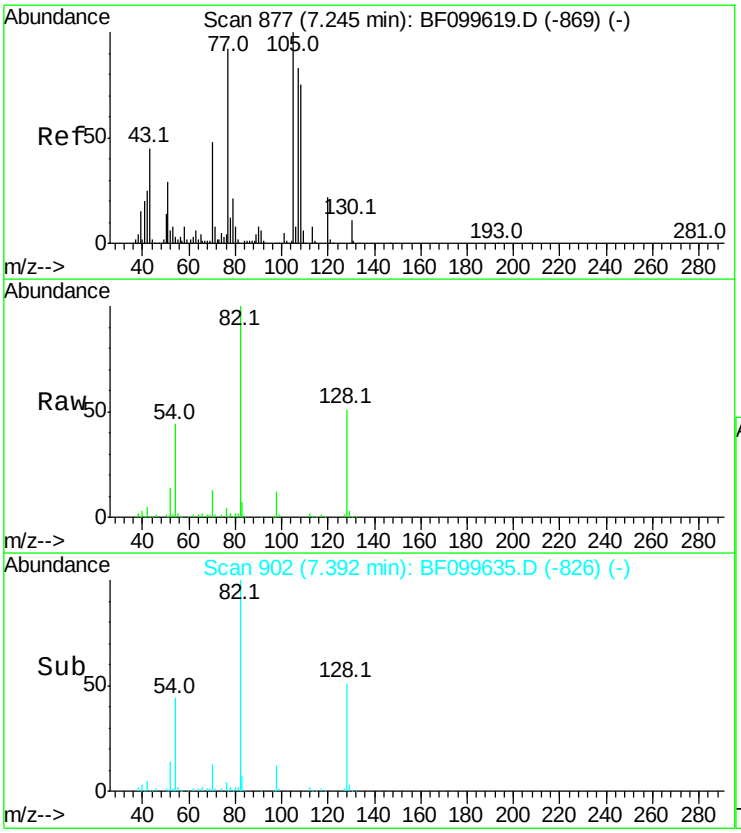
#7
Phenol-d6
Concen: 49.387 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 340672

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	28.5	25.4	38.0

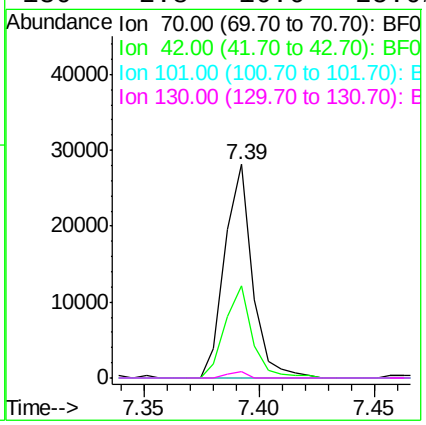


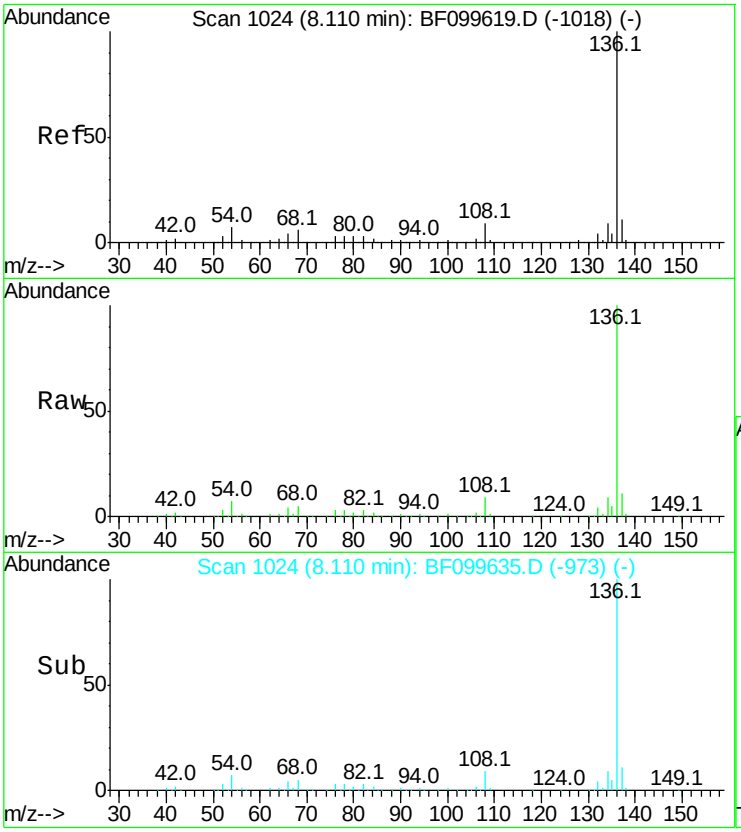


#19
n-Nitroso-di-n-propylamine
Concen: 5.314 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion: 70 Resp: 23404

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



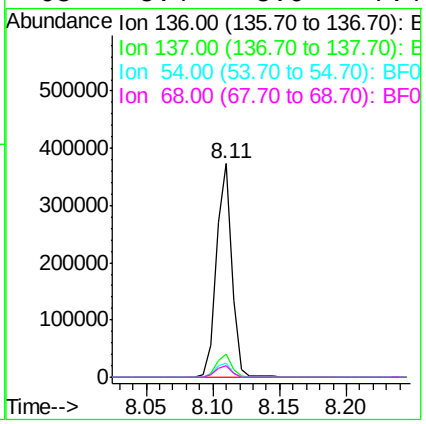


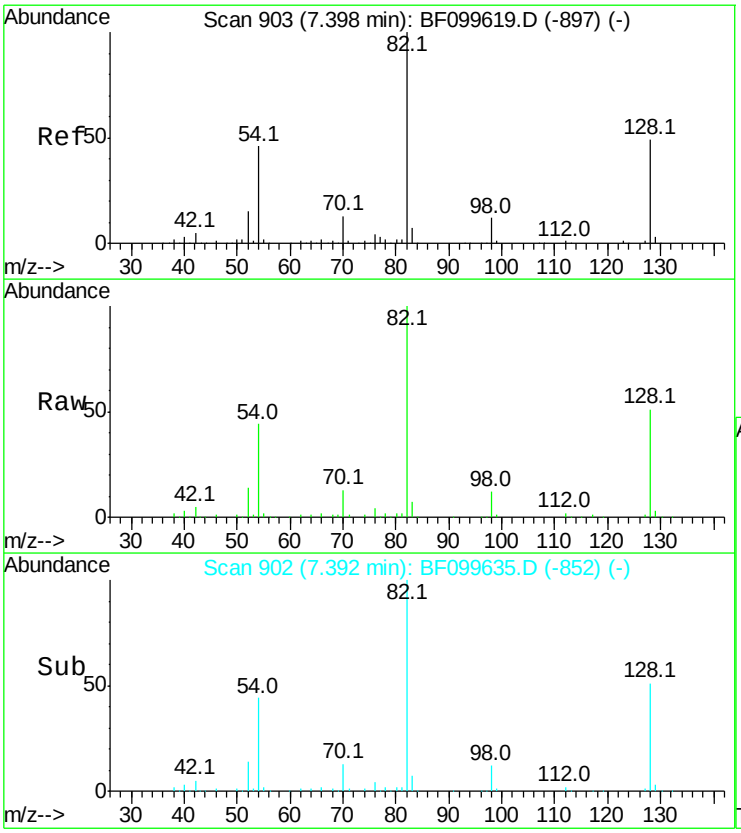
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 304141

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8
68	5.4	5.0	7.4

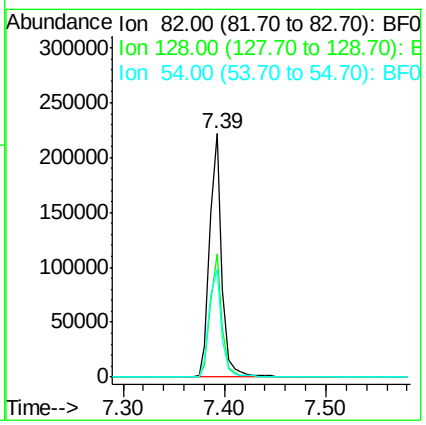


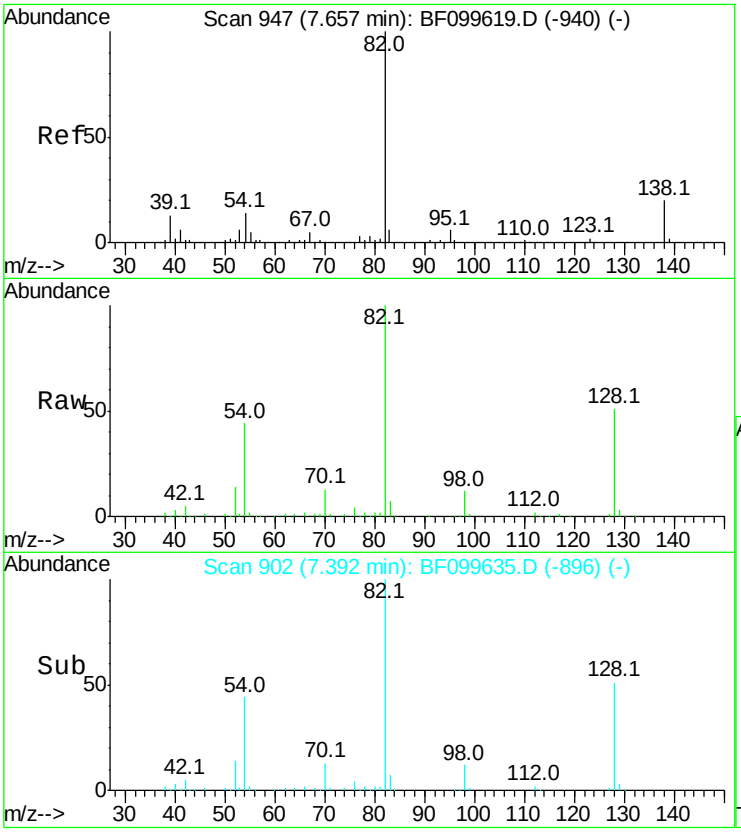


#23
Nitrobenzene-d5
Concen: 38.929 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion: 82 Resp: 184624

Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	44.3	41.4	62.2



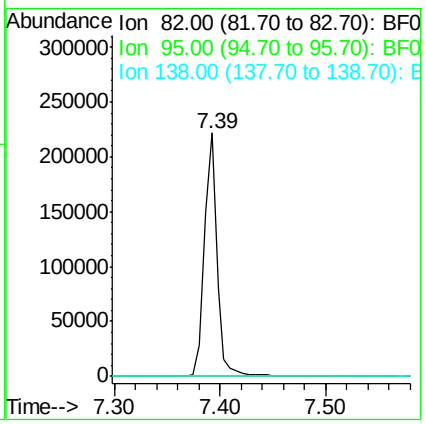


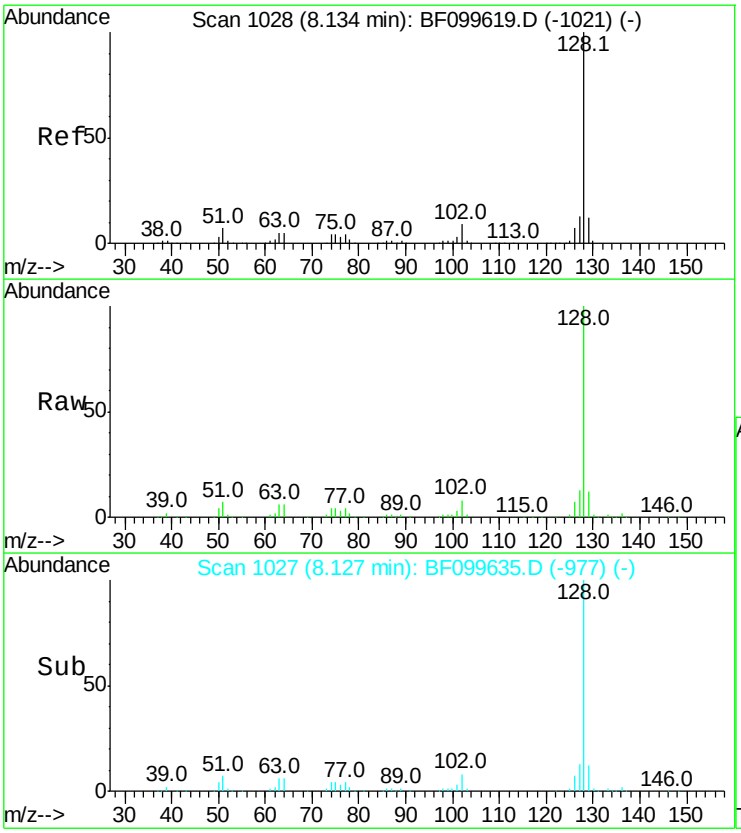
#25
Isophorone
Concen: 18.829 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 184622

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

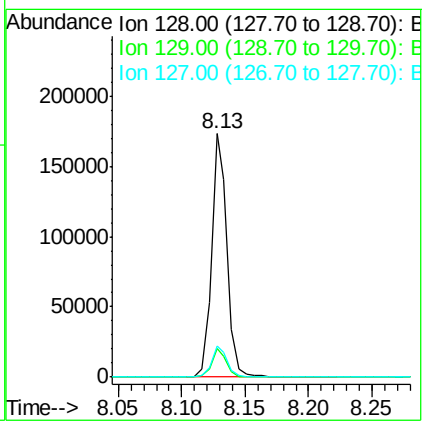


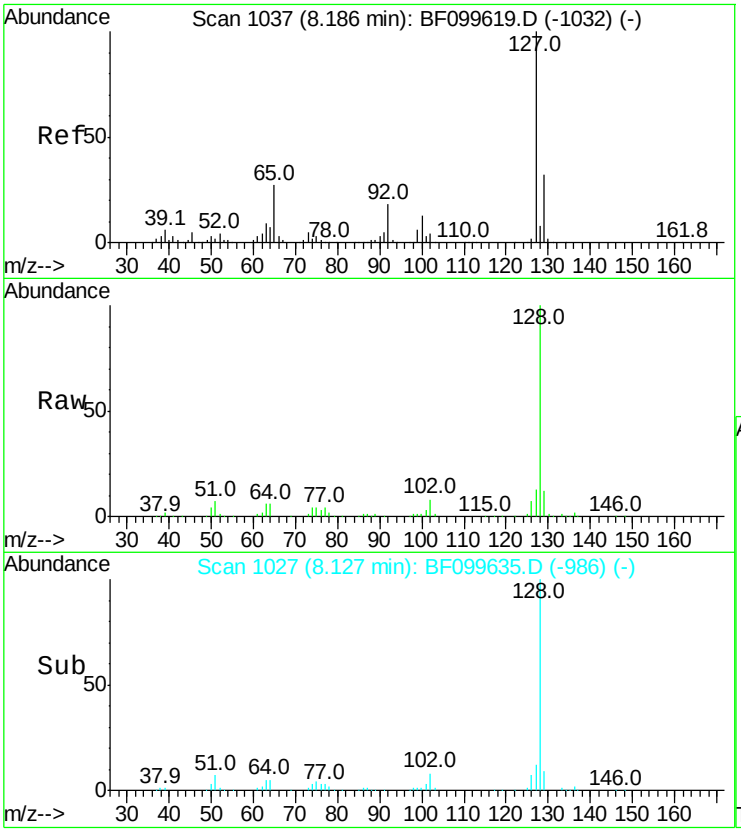


#31
Naphthalene
Concen: 10.391 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:128 Resp: 148425

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	12.6	10.9	16.3



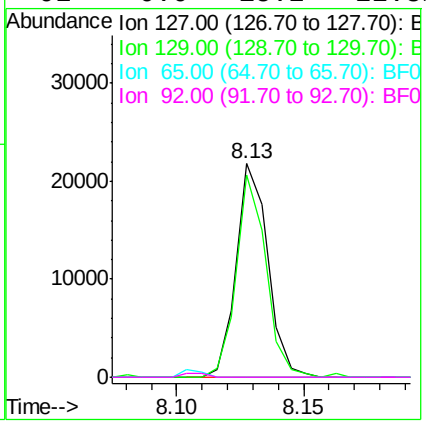


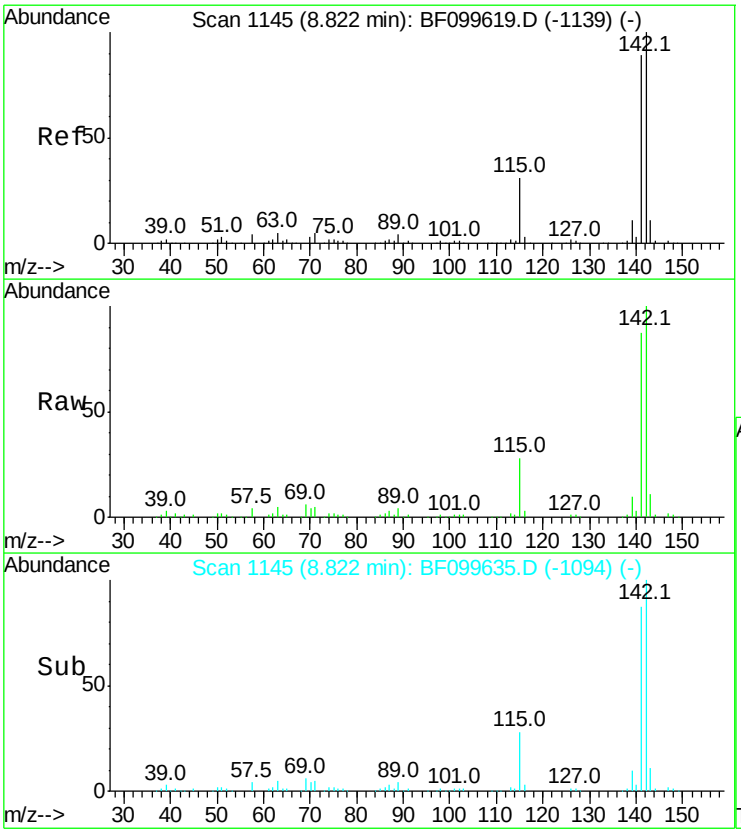
#33
4-Chloroaniline
Concen: 3.152 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.06 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 18803

Ion	Ratio	Lower	Upper
127	100		
129	94.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

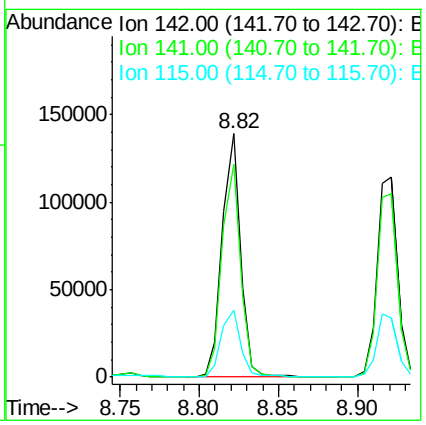


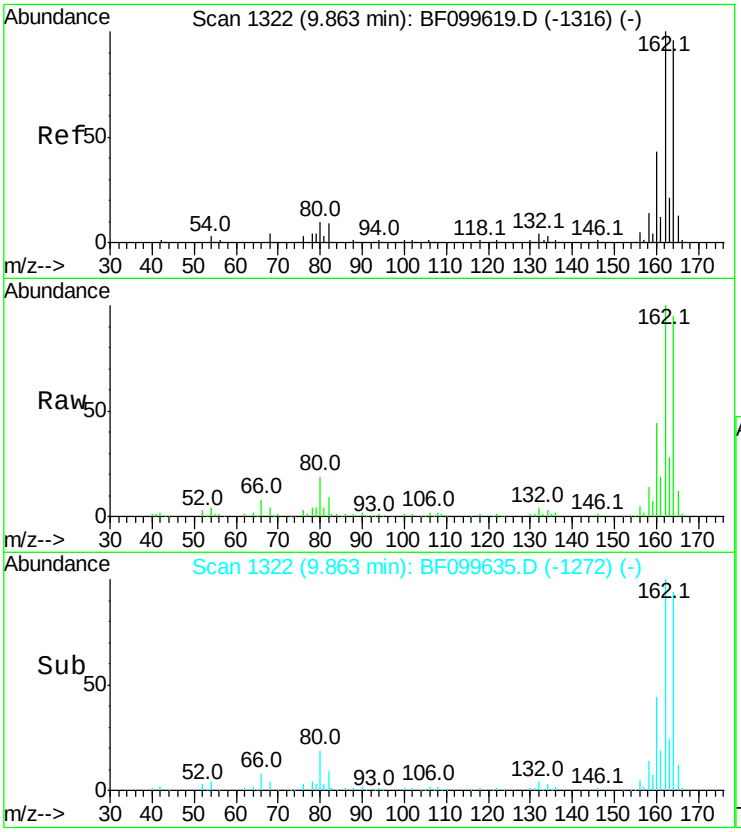


#37
2-Methylnaphthalene
Concen: 12.078 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:142 Resp: 112157

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	27.5	26.1	39.1



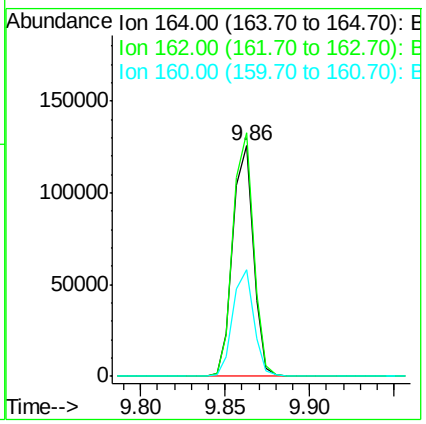


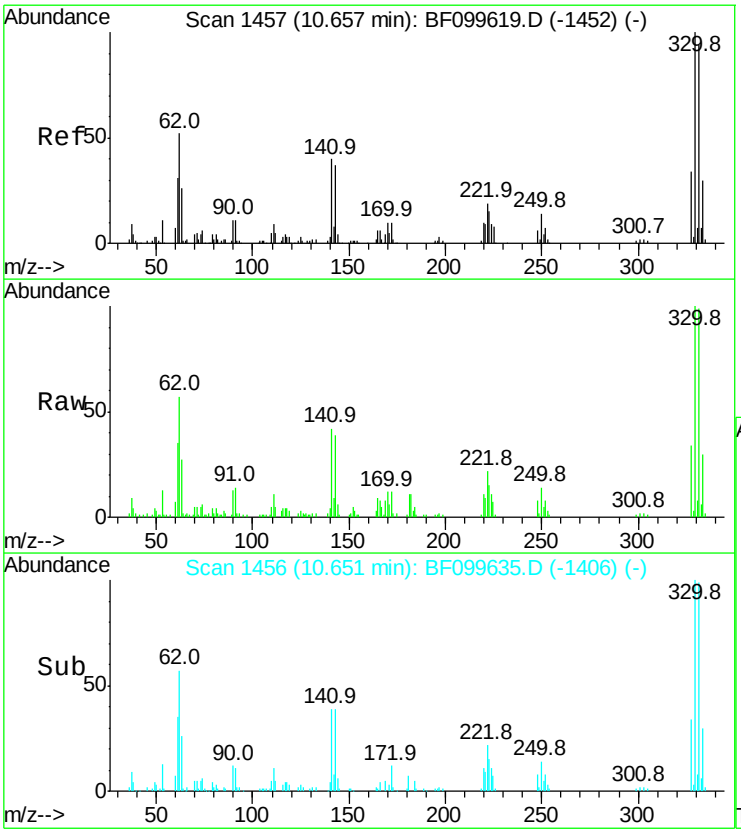
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 107088

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.0	38.3	57.5

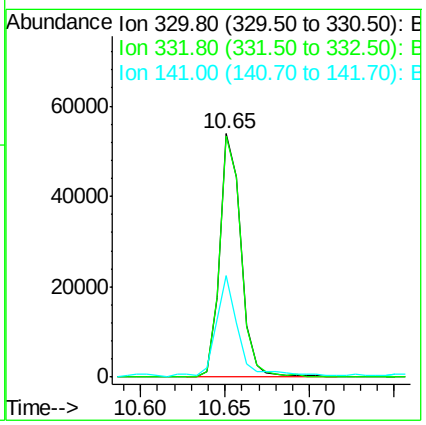


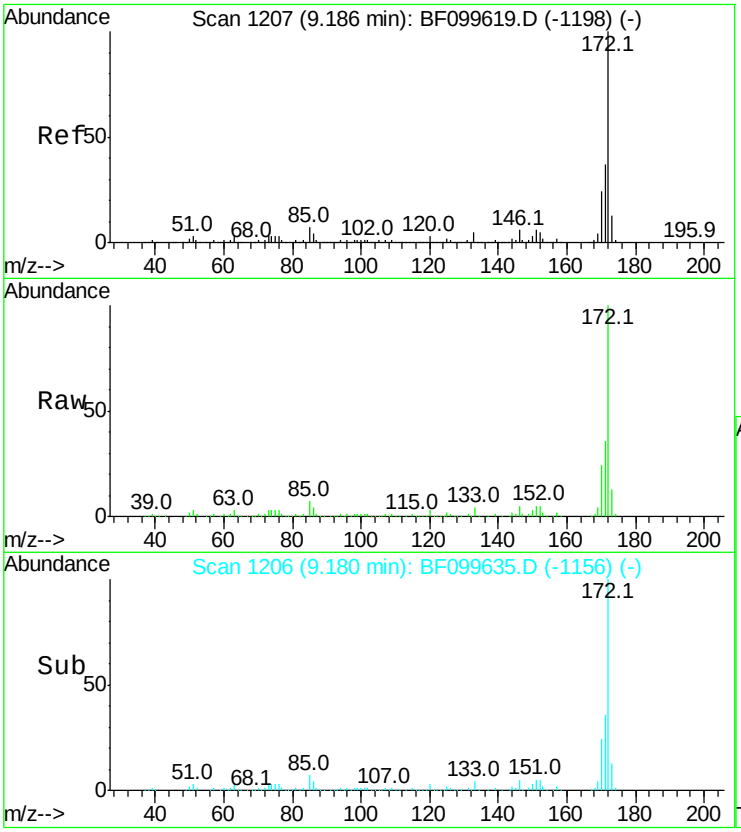


#41
2,4,6-Tribromophenol
Concen: 53.925 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:330 Resp: 47253

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.0	115.6
141	45.9	29.9	44.9#



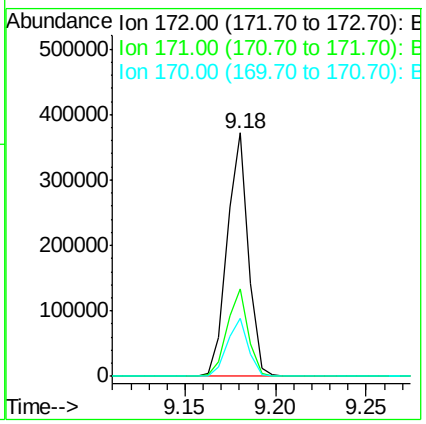


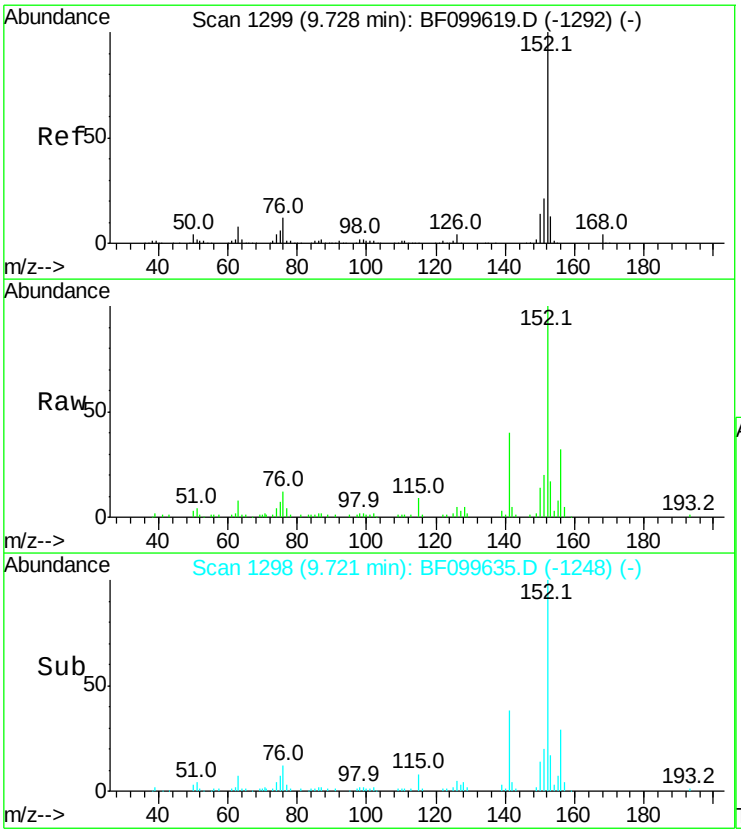
#44
2-Fluorobiphenyl
Concen: 47.163 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 302537

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

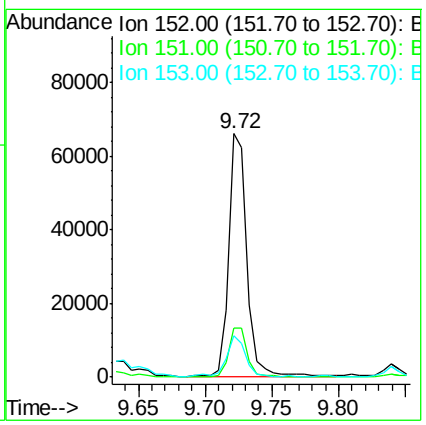


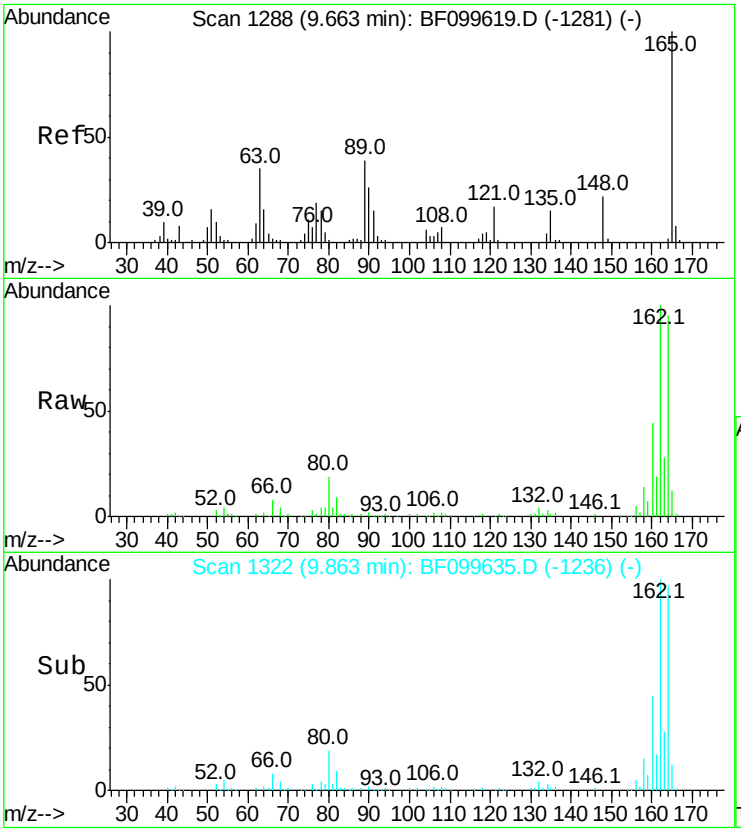


#48
Acenaphthylene
Concen: 6.070 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:152 Resp: 64210

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	16.9	10.7	16.1#



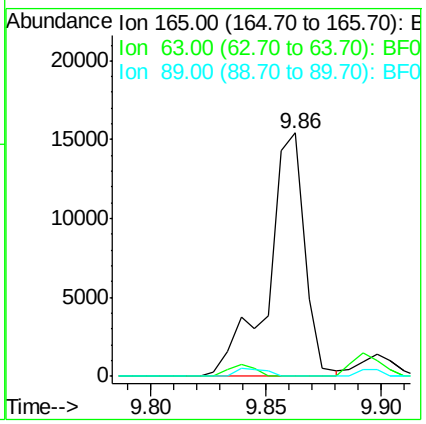


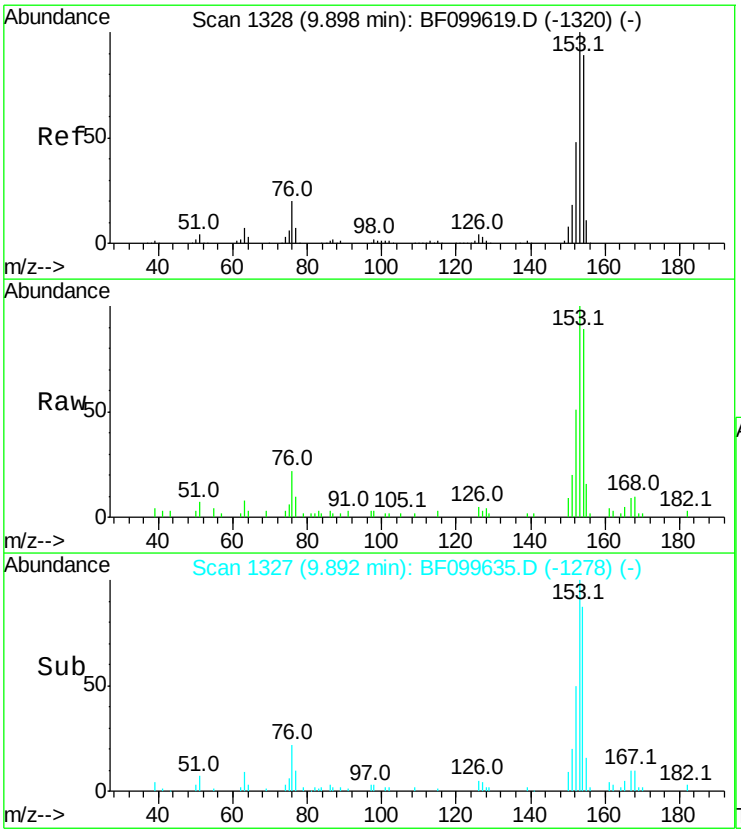
#50
2,6-Dinitrotoluene
Concen: 9.620 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16928

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

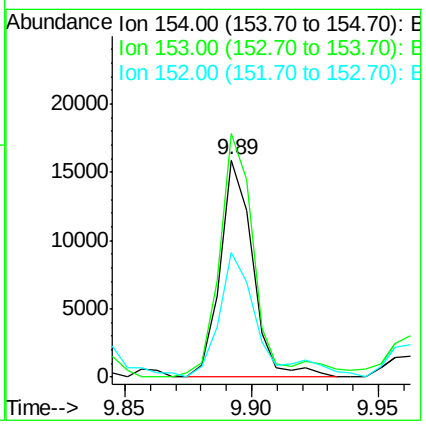


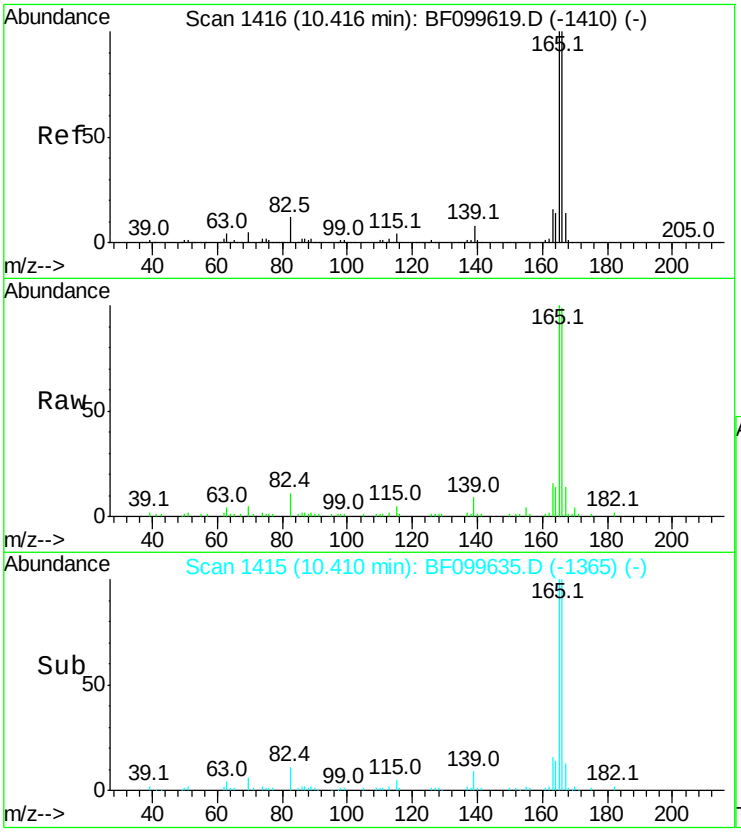


#51
Acenaphthene
Concen: 2.127 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:154 Resp: 14252

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.2	136.8
152	57.2	43.8	65.8



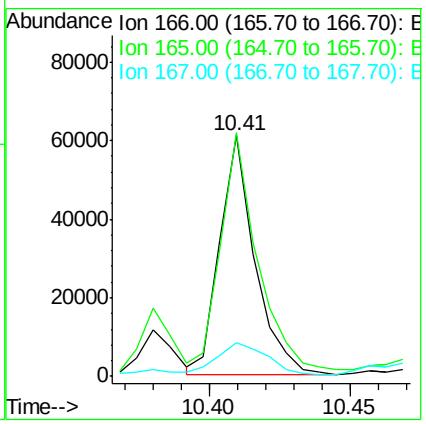


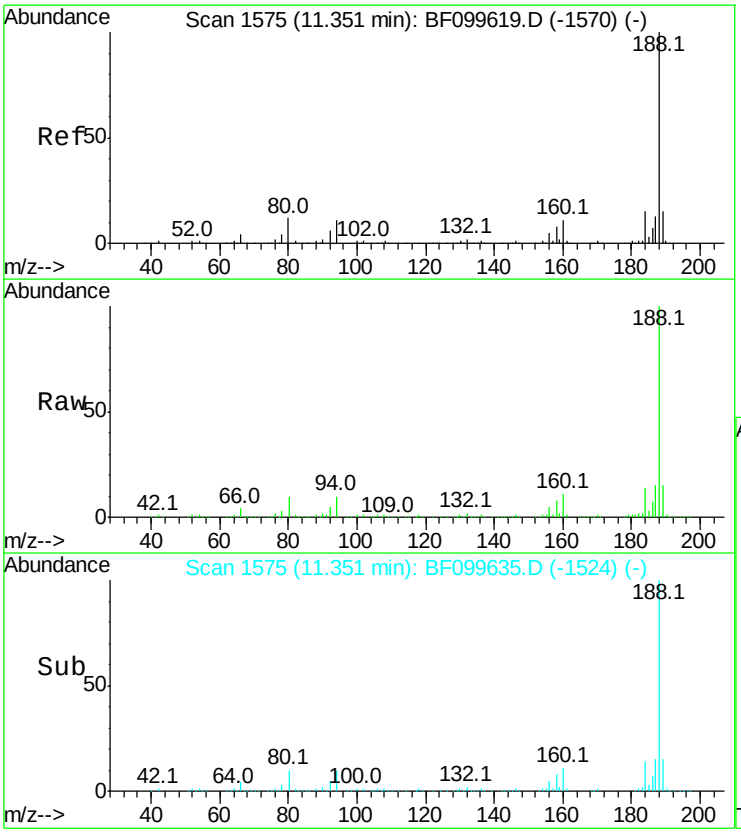
#57
Fluorene
Concen: 7.368 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 52837

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	14.2	10.6	16.0

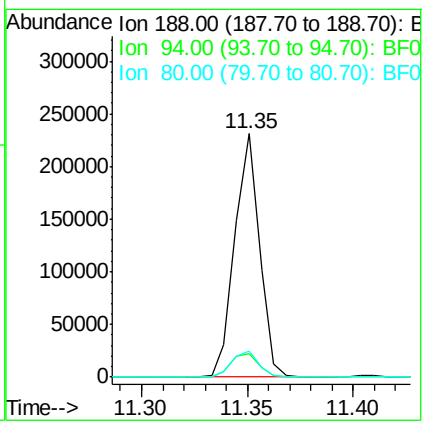


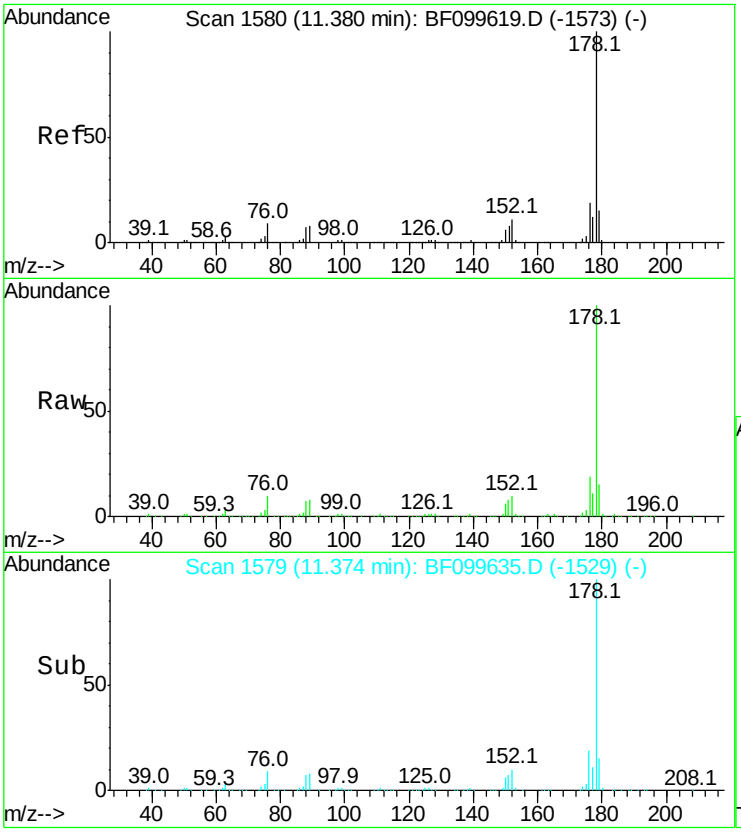


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:188 Resp: 186293

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8



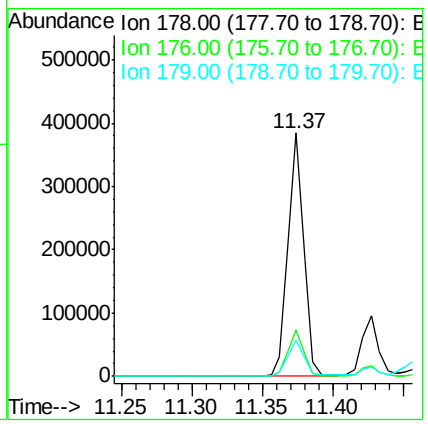


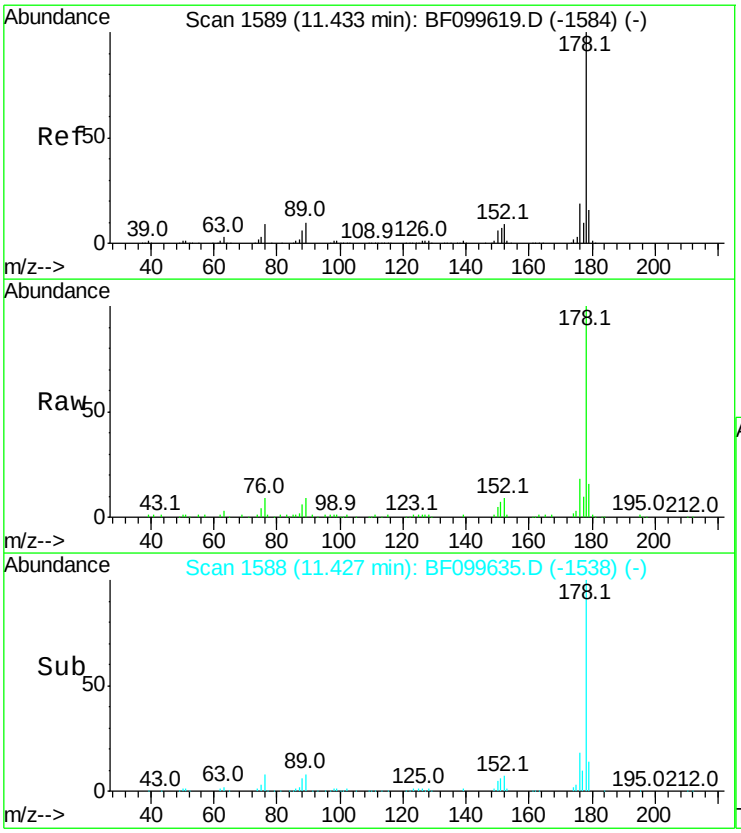
#70
Phenanthrene
Concen: 30.056 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 299711

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.1	13.0	19.6

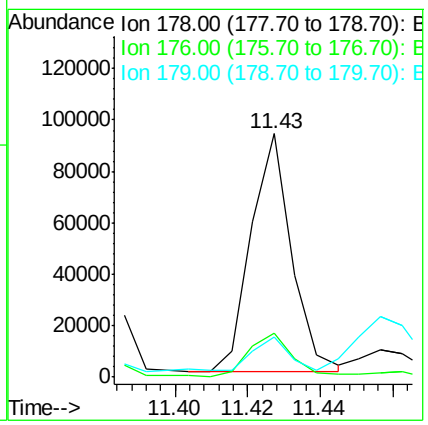


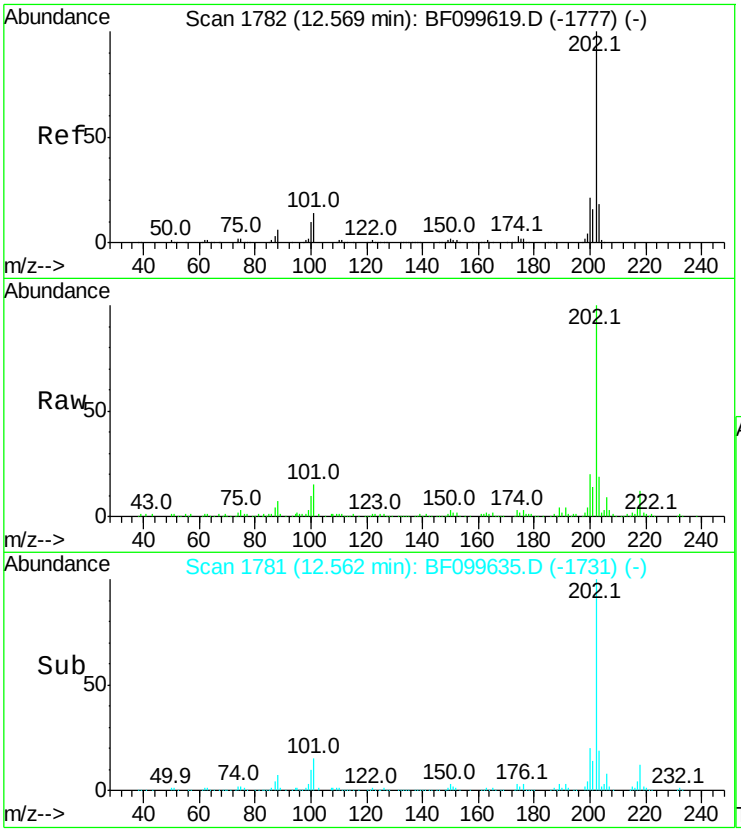


#71
Anthracene
Concen: 7.077 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:178 Resp: 72203

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	16.3	12.6	19.0



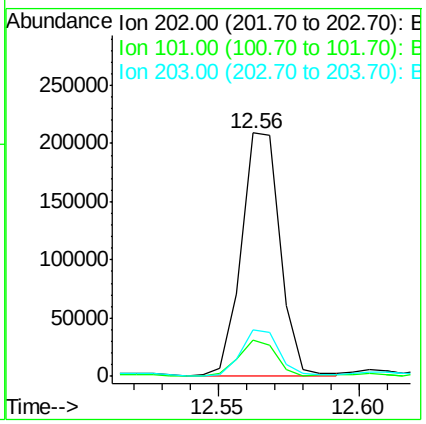


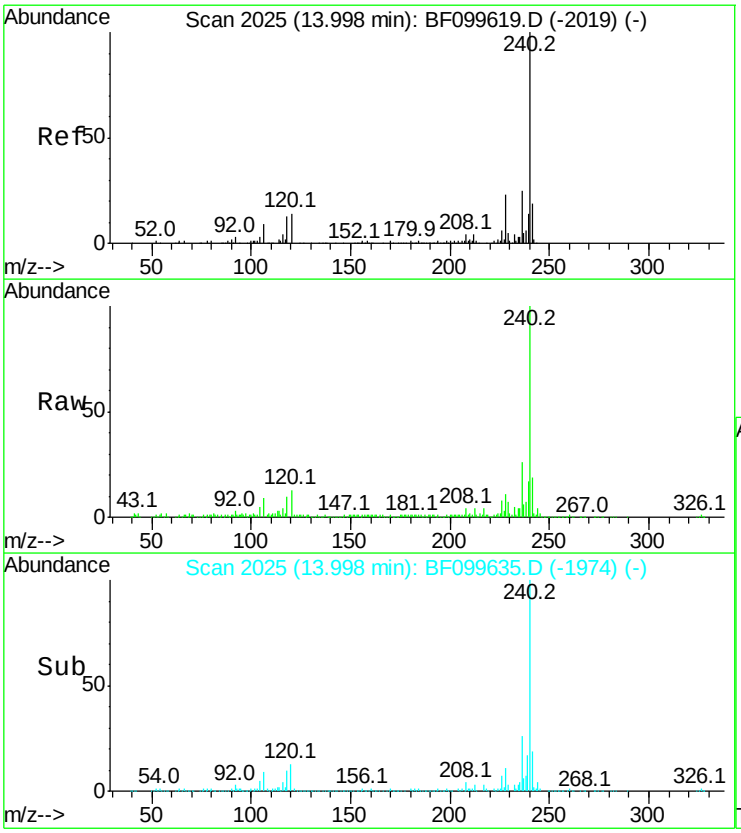
#74
Fluoranthene
Concen: 19.633 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 198240

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	19.2	0.0	38.1

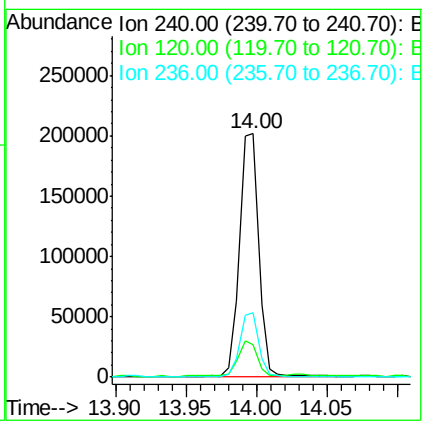


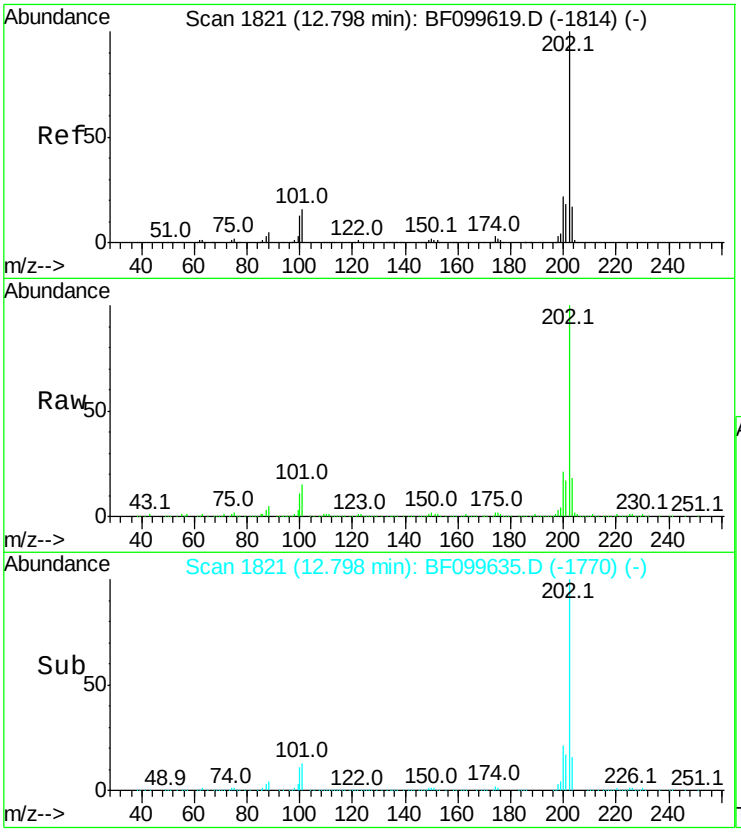


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:240 Resp: 192088

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.3	20.7	31.1



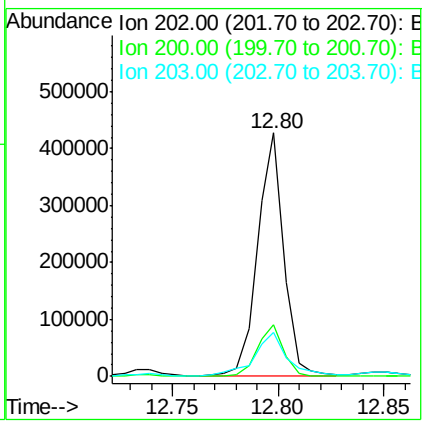


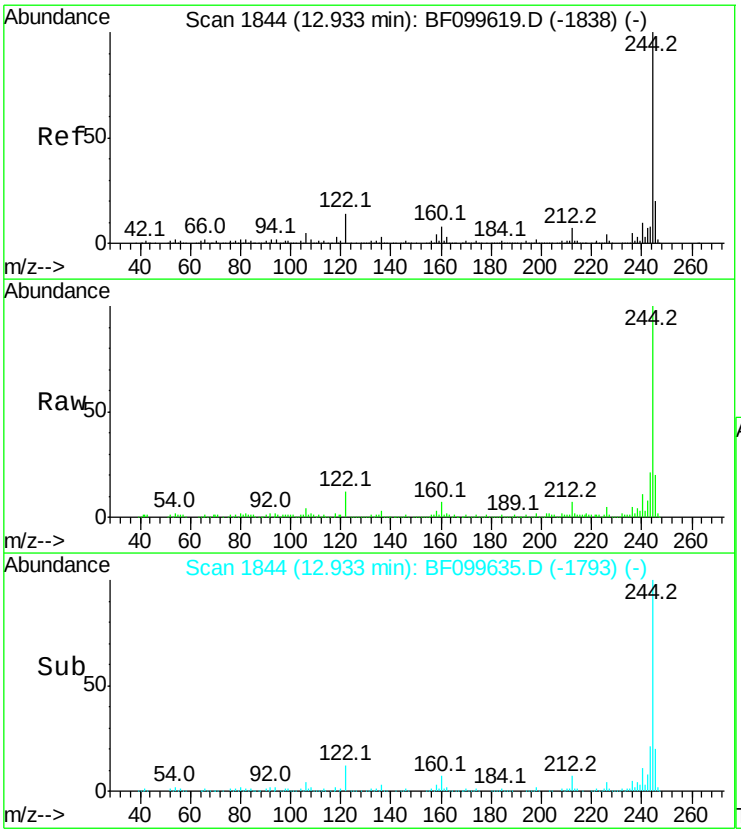
#77
Pyrene
Concen: 24.835 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 363769

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.2	14.3	21.5

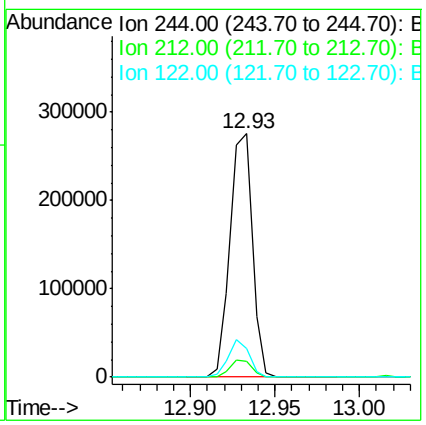


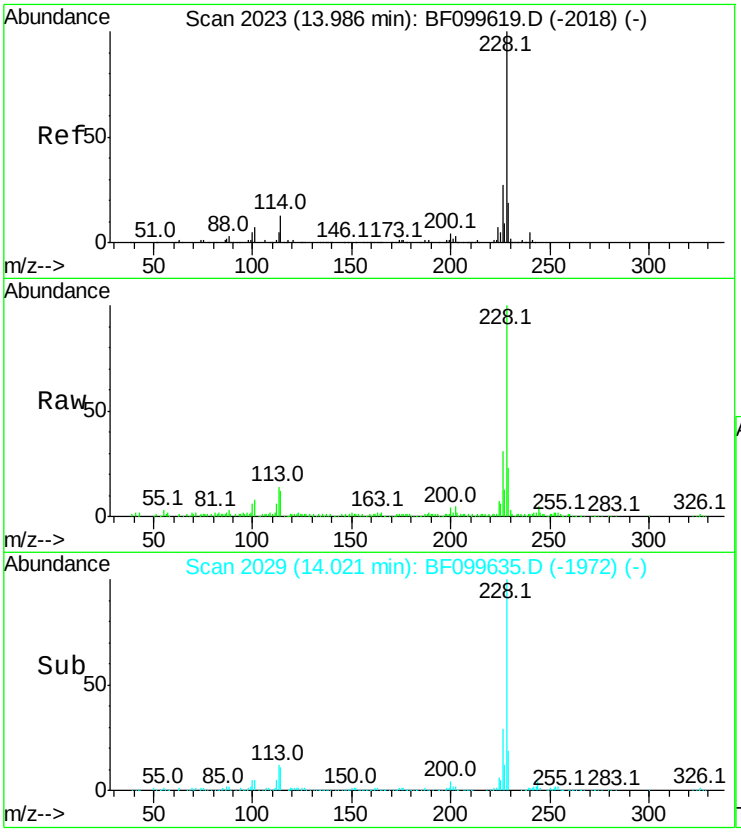


#78
Terphenyl-d14
Concen: 30.079 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:244 Resp: 254059

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4



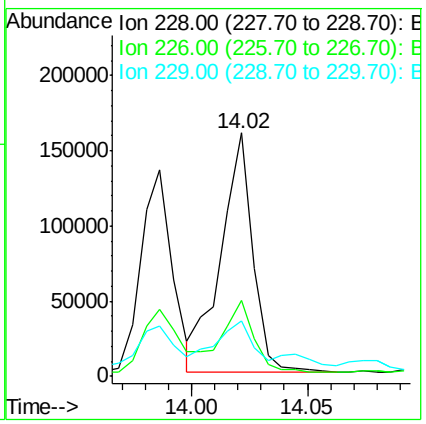


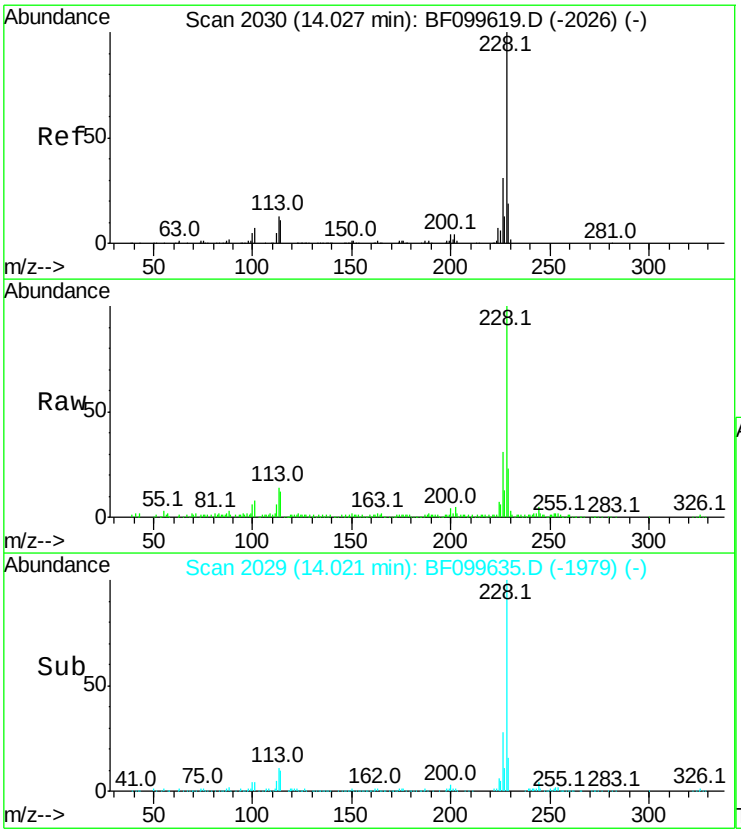
#80
Benzo(a)anthracene
Concen: 13.274 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.04 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 154396

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	22.9	15.8	23.6

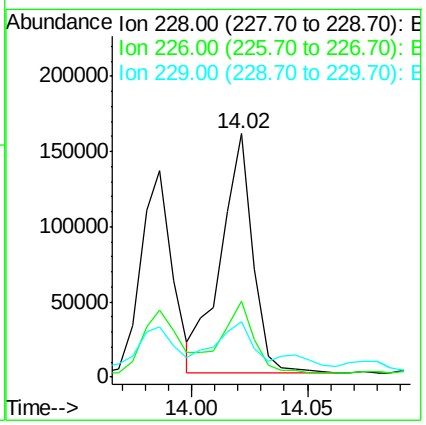


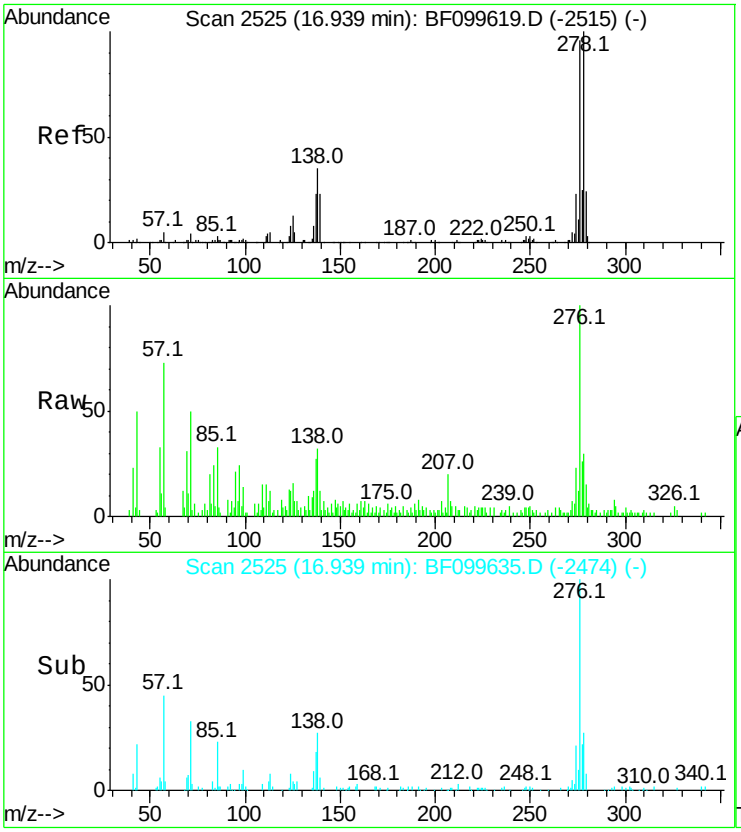


#82
Chrysene
Concen: 13.943 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:228 Resp: 154396

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.9	16.2	24.4



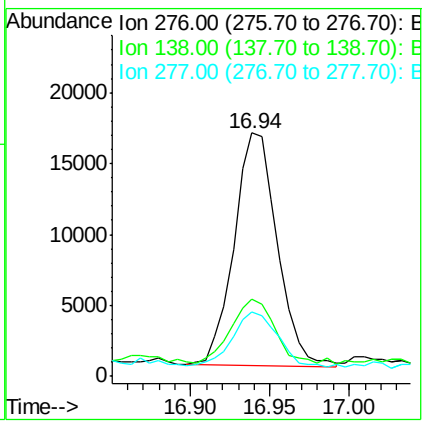


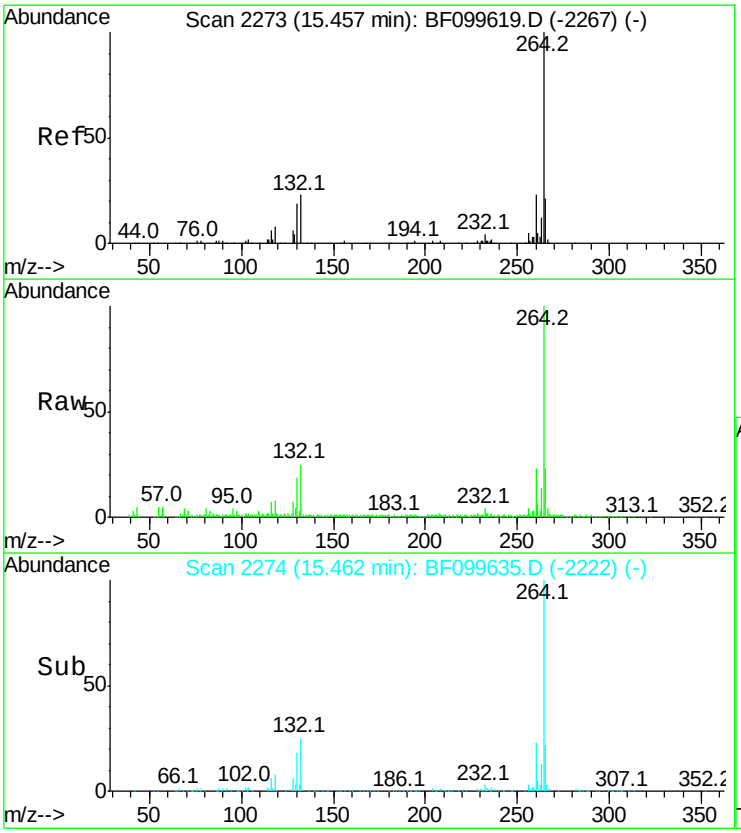
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.499 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30997

Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	26.5	20.1	30.1

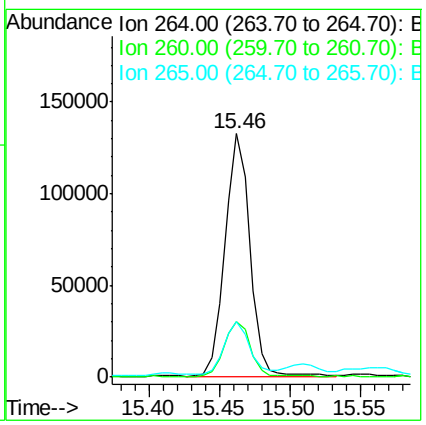


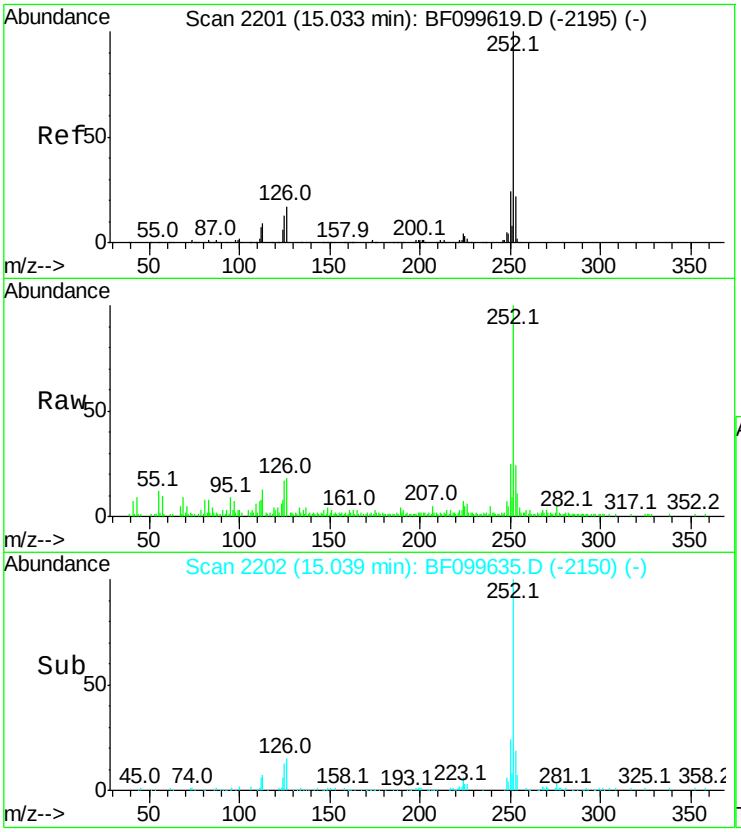


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:264 Resp: 161709

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.9	17.5	26.3



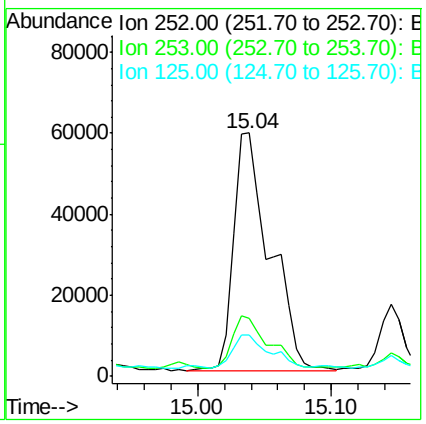


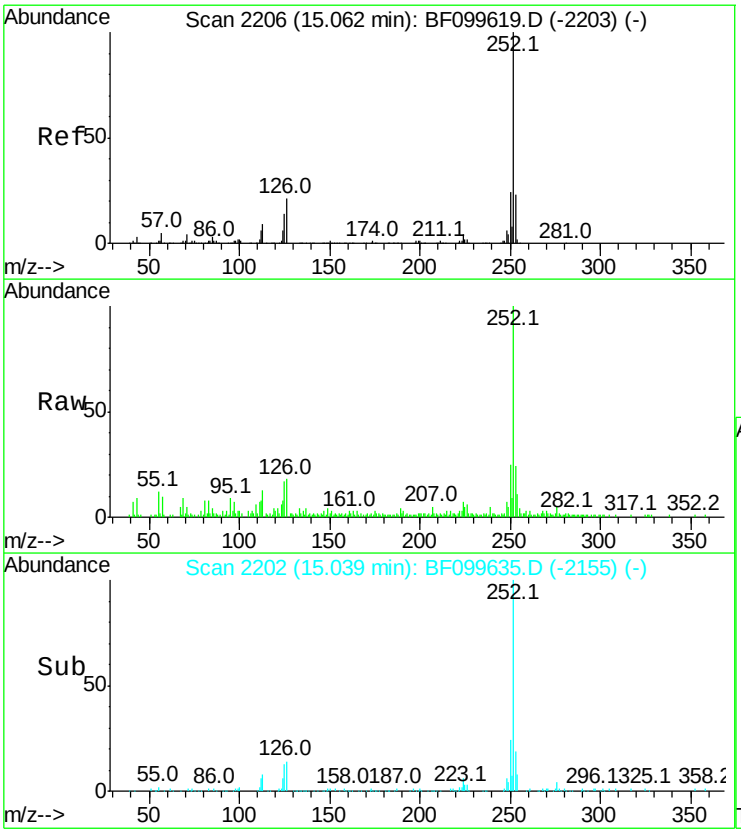
#87
Benzo(b)fluoranthene
Concen: 11.287 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 112223

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	16.9	9.0	13.6#

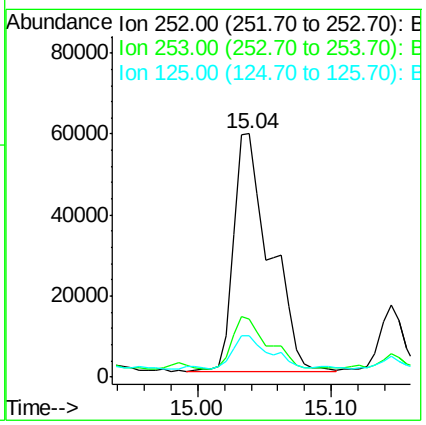


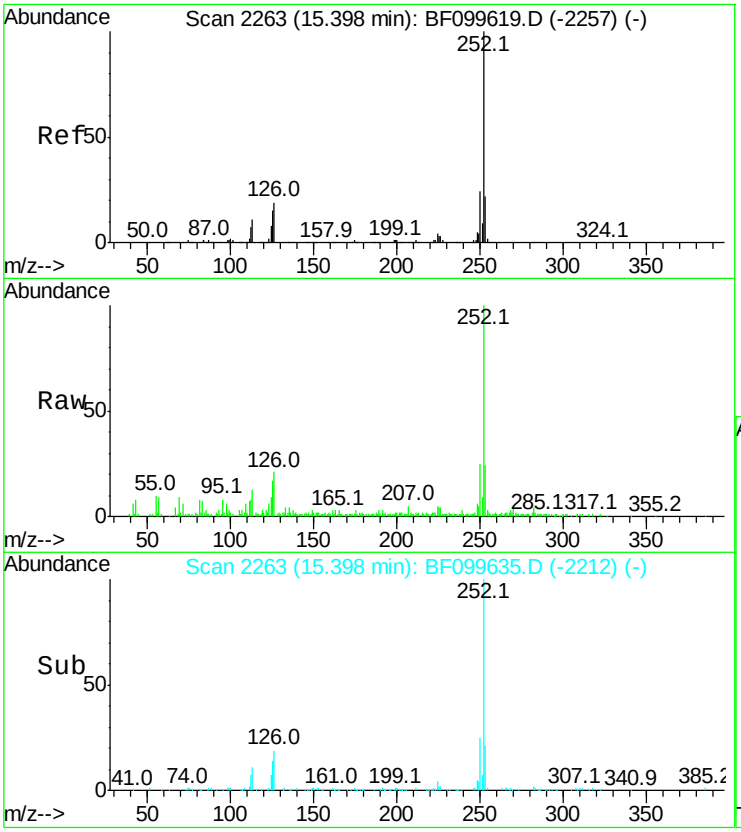


#88
Benzo(k)fluoranthene
Concen: 11.428 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:252 Resp: 112223

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	16.9	10.2	15.2#



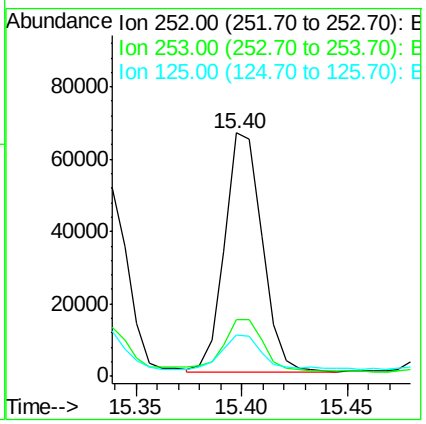


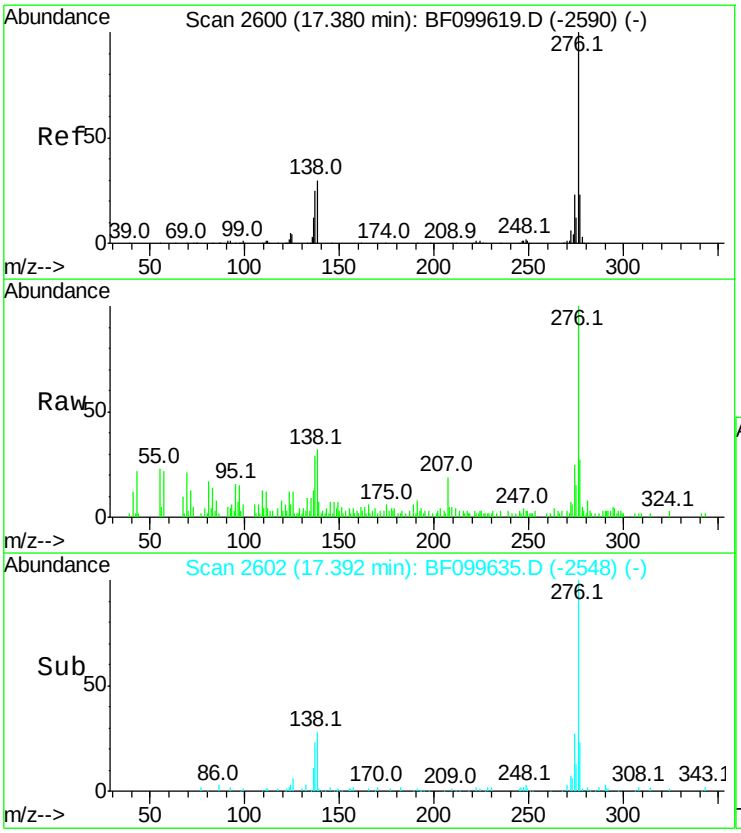
#89
Benzo(a)pyrene
Concen: 8.916 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81368

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	16.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.051 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.02 min
Lab File: BF099635.D
Acq: 18 Oct 2017 23:33

Tgt Ion:276 Resp: 36465

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	31.8	21.8	32.8