Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099733.D
Acq On : 21 Oct 2017 17:44
Operator : SJ/JU
Sample : I5895-01RE 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 22 00:47:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	121728	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	508675	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	226479	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	355946	20.00	ng		0.00
75) Chrysene-d12	13.99	240	216571	20.00	ng		0.00
86) Perylene-d12	15.45	264	220429	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	37422	4.89	ng		0.00
7) Phenol-d6	6.46	99	47342	5.02	ng		0.00
23) Nitrobenzene-d5	7.38	82	26734	3.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	8814	4.76	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	62380	4.60	ng		-0.01
78) Terphenyl-d14	12.92	244	39352	4.13	ng		0.00
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.85	165	29205	7.848	ng	#	25
51) Acenaphthene	9.88	154	35960	2.537	ng		98
54) Dibenzofuran	10.06	168	43936	2.328	ng		98
55) 4-Nitrophenol	10.05	139	16535	4.507	ng	#	11
56) 2,4-Dinitrotoluene	9.85	165	29205	6.047	ng	#	23
57) Fluorene	10.40	166	50389	3.322	ng		99
70) Phenanthrene	11.36	178	587725	30.847	ng		98
71) Anthracene	11.42	178	156693	8.038	ng		99
72) Carbazole	11.57	167	88756	4.649	ng		97
74) Fluoranthene	12.56	202	679109	35.200	ng		98
77) Pyrene	12.79	202	561228	33.984	ng		99
80) Benzo(a)anthracene	13.97	228	290251	22.133	ng		99
82) Chrysene	14.01	228	243872	19.533	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	111292	11.143	ng		99
87) Benzo(b)fluoranthene	15.03	252	445941	32.904	ng	#	95
88) Benzo(k)fluoranthene	15.03	252	445941	33.313	ng		98
89) Benzo(a)pyrene	15.39	252	225314	18.111	ng	#	94
90) Dibenzo(a,h)anthracene	16.92	278	31865	3.201	ng	#	84
91) Benzo(g,h,i)perylene	17.37	276	94259	9.578	ng		91

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

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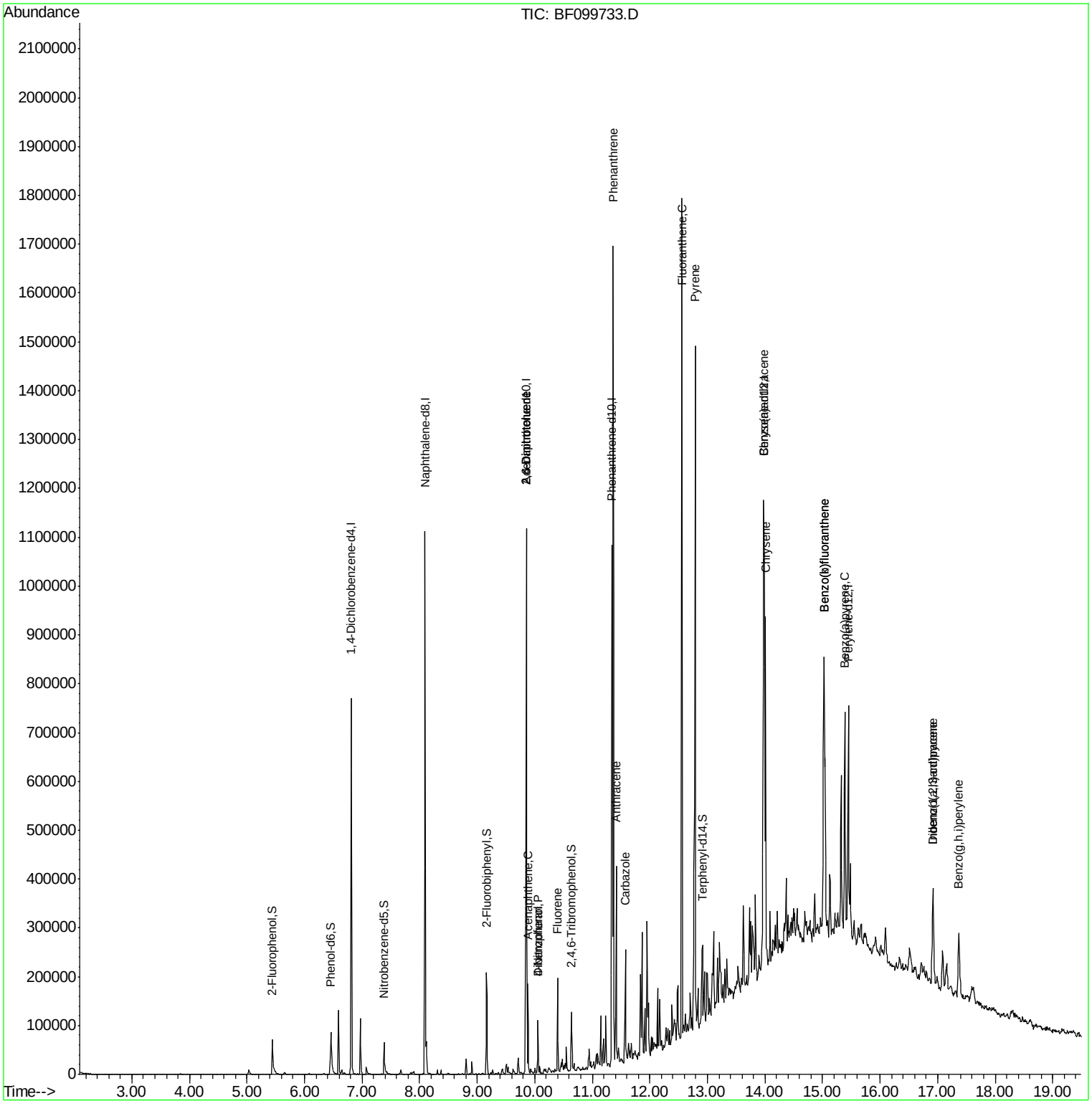
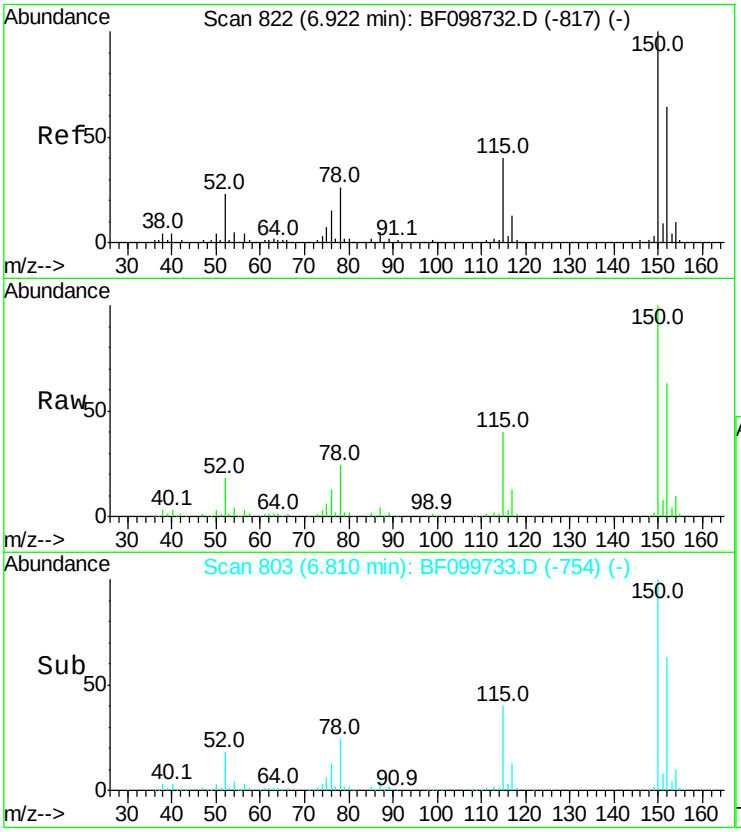


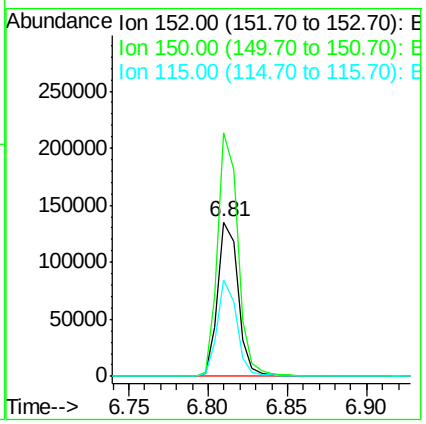


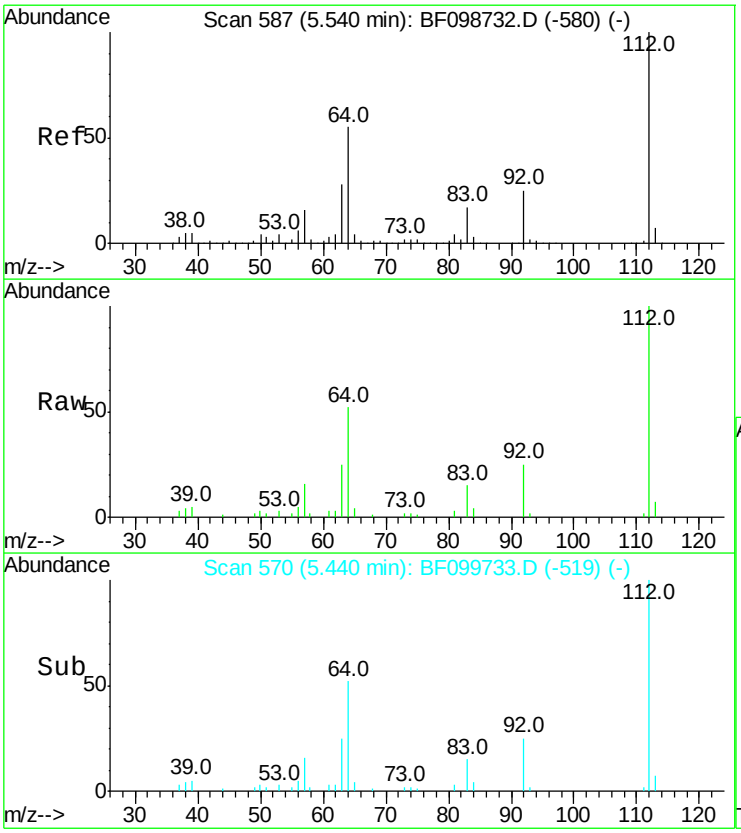
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121728

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.6	50.1	75.1

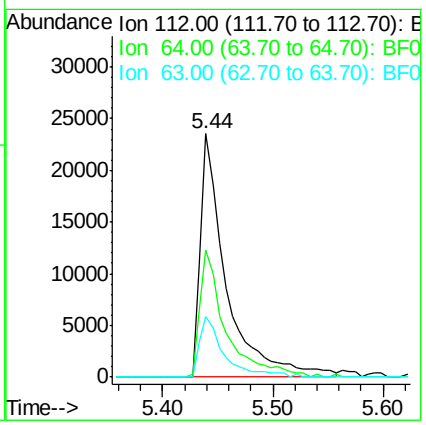


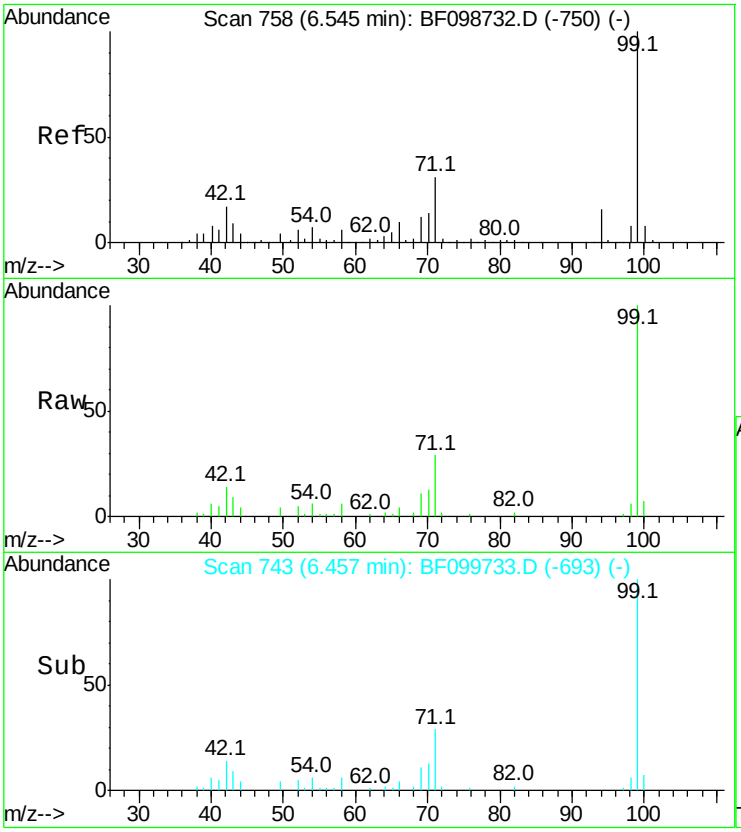


#5
2-Fluorophenol
Concen: 4.894 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:112 Resp: 37422

Ion	Ratio	Lower	Upper
112	100		
64	52.1	47.9	71.9
63	24.9	23.7	35.5



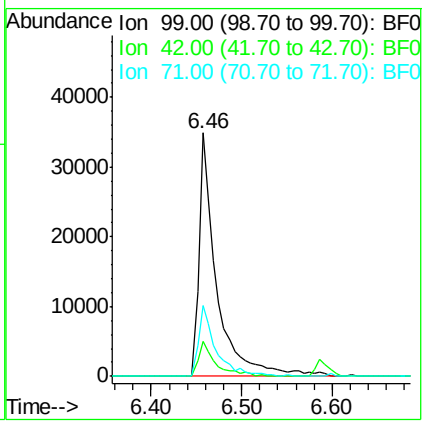


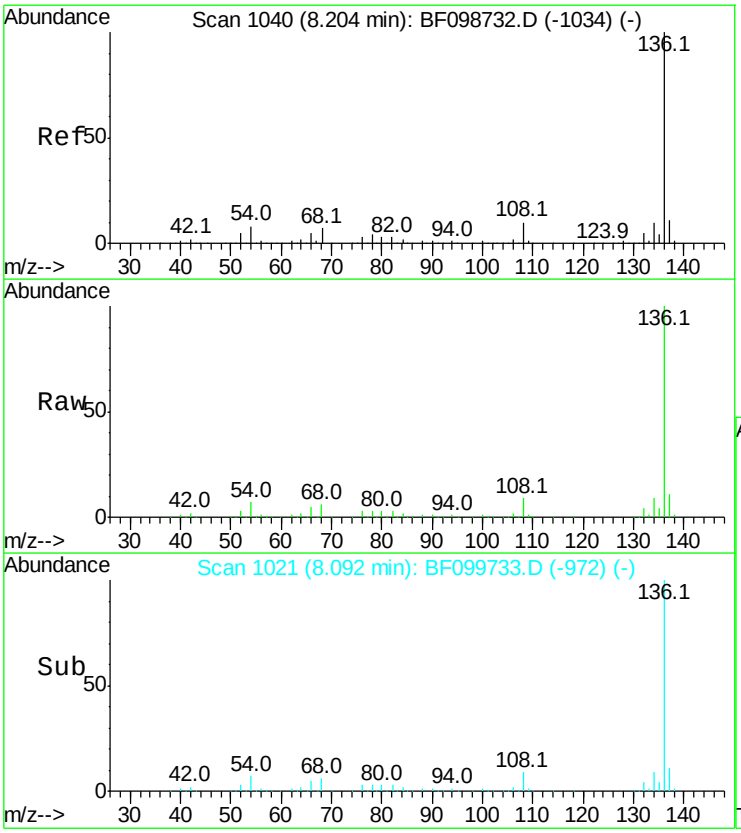
#7
Phenol-d6
Concen: 5.019 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 47342

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.2	25.4	38.0

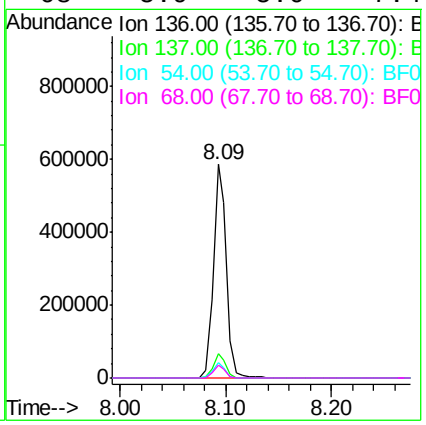


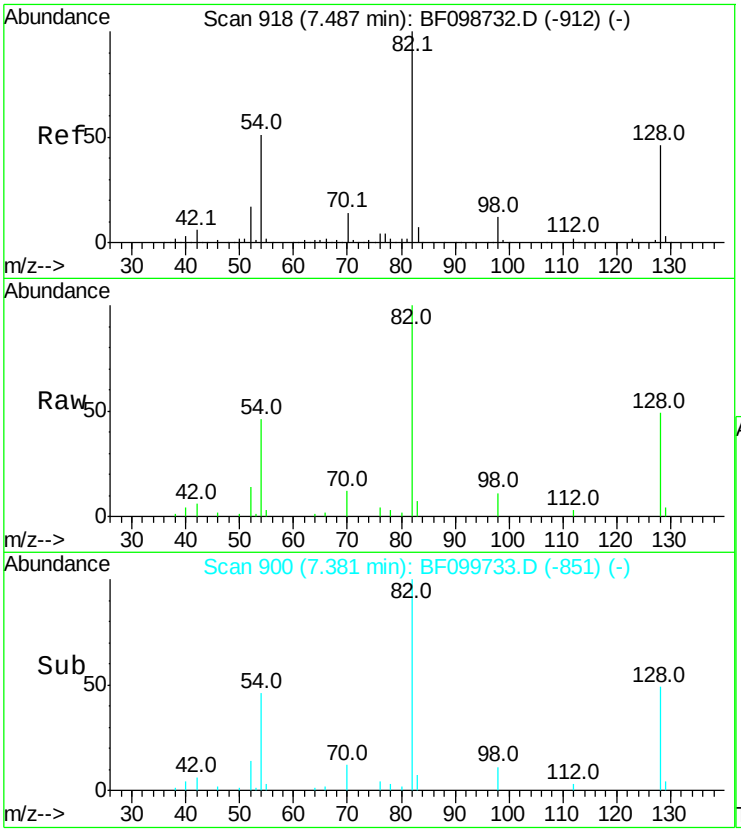


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:136 Resp: 508675

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4



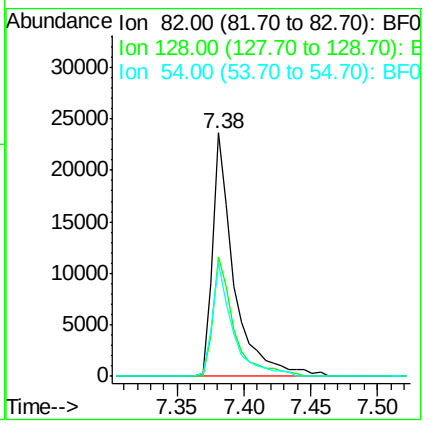


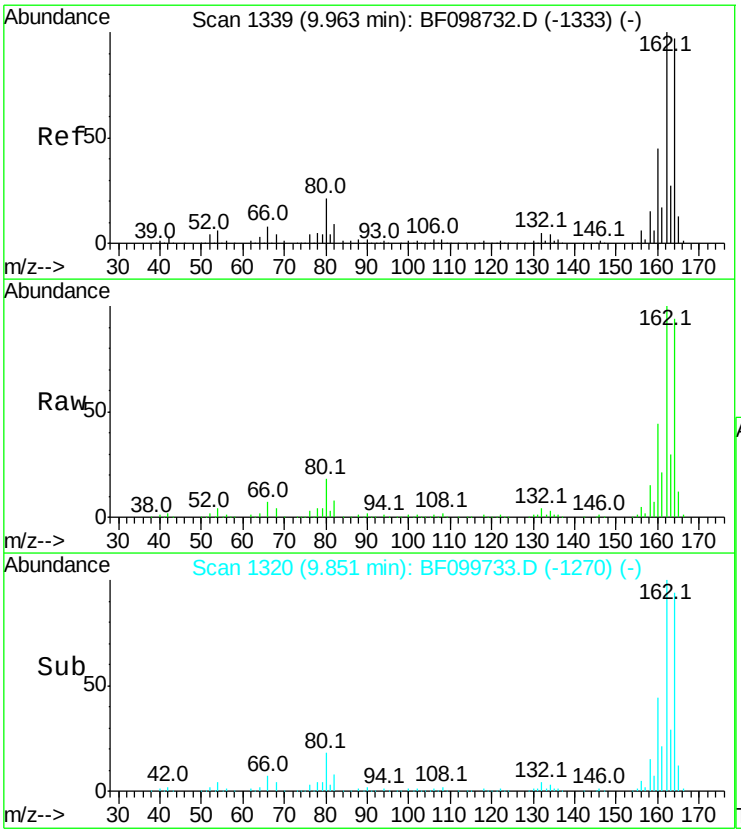
#23
Nitrobenzene-d5
Concen: 3.370 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 26734

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	46.2	41.4	62.2

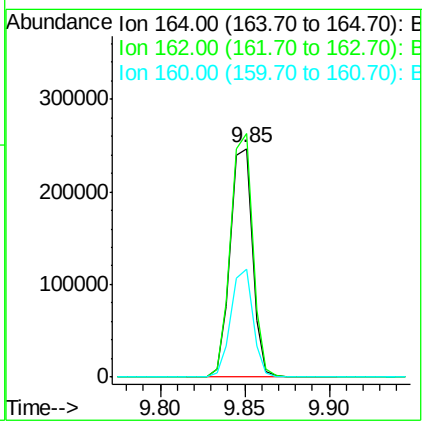


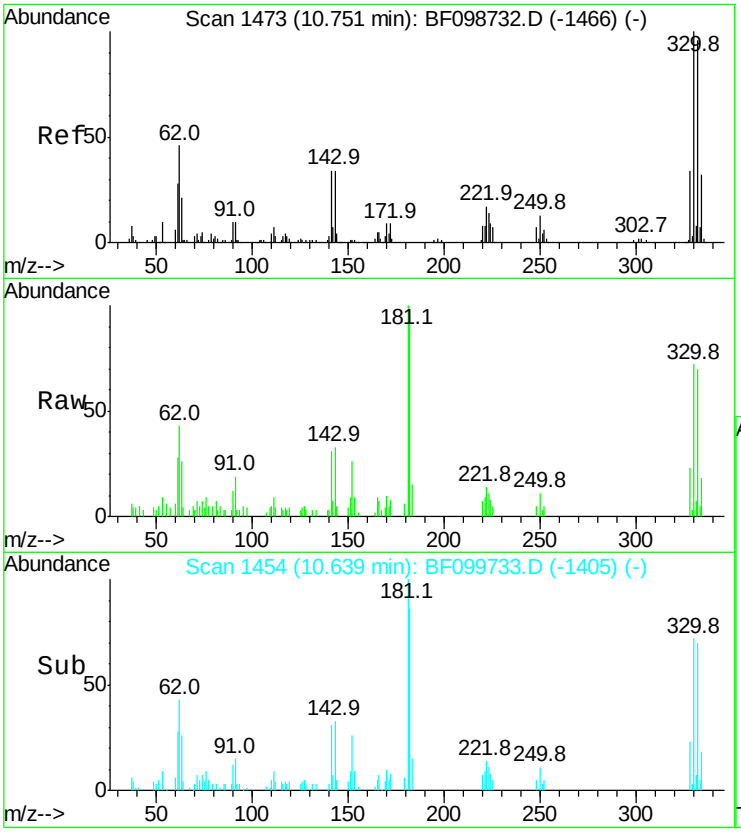


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:164 Resp: 226479

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	47.2	38.3	57.5



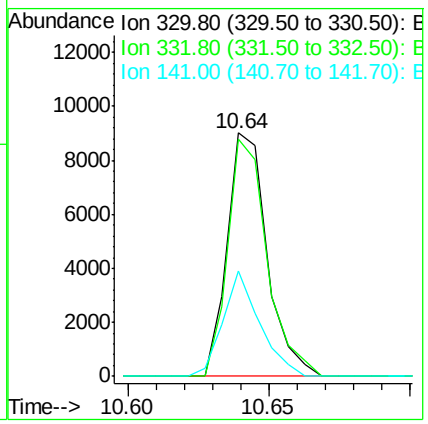


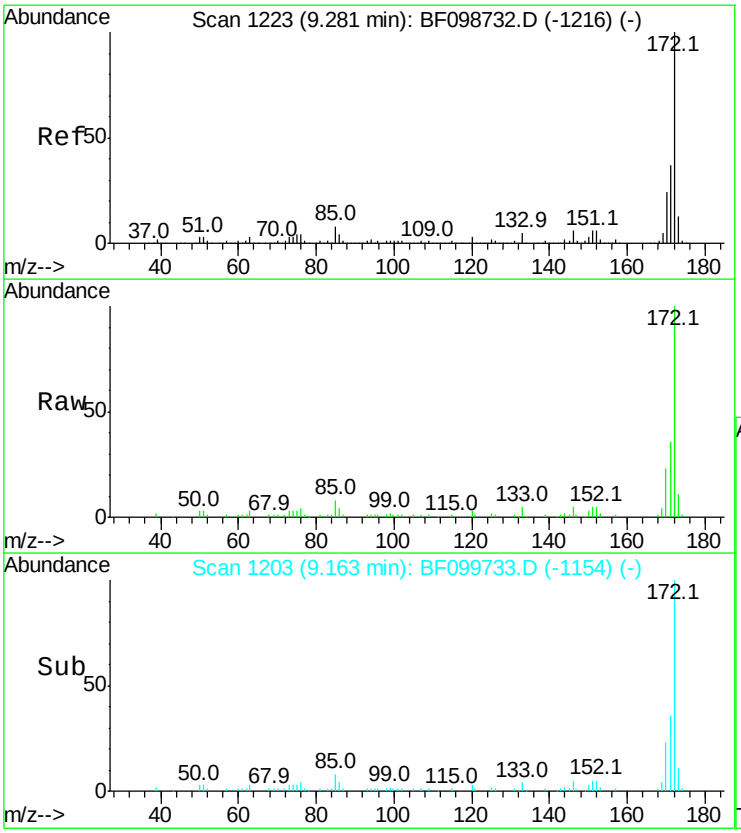
#41
2,4,6-Tribromophenol
Concen: 4.756 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 8814

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.1	29.9	44.9

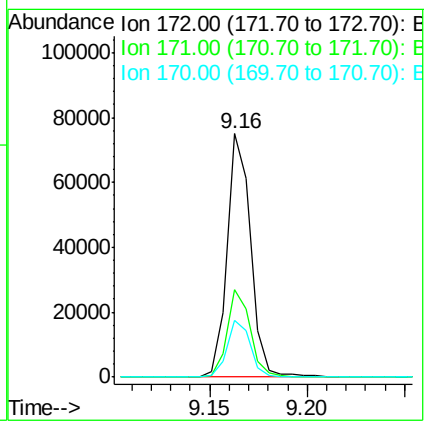


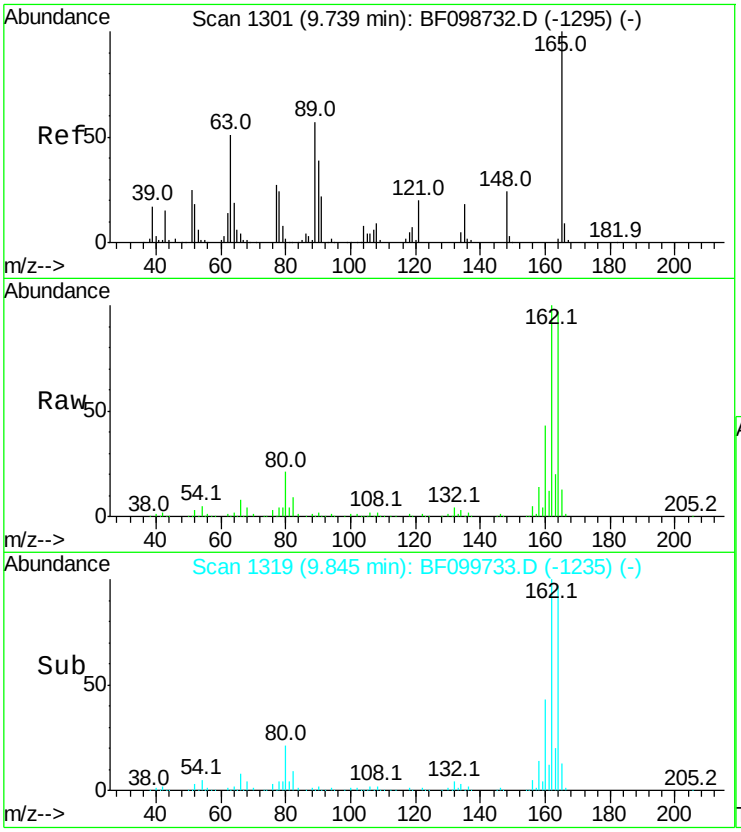


#44
2-Fluorobiphenyl
Concen: 4.598 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:172 Resp: 62380

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	19.6	29.4



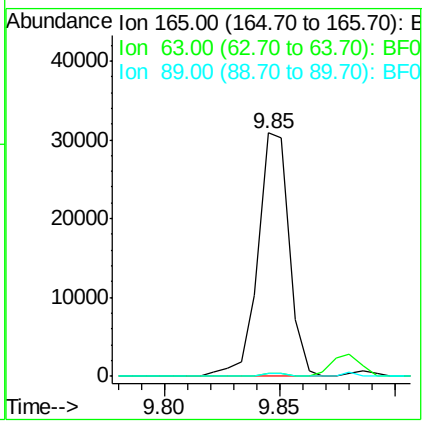


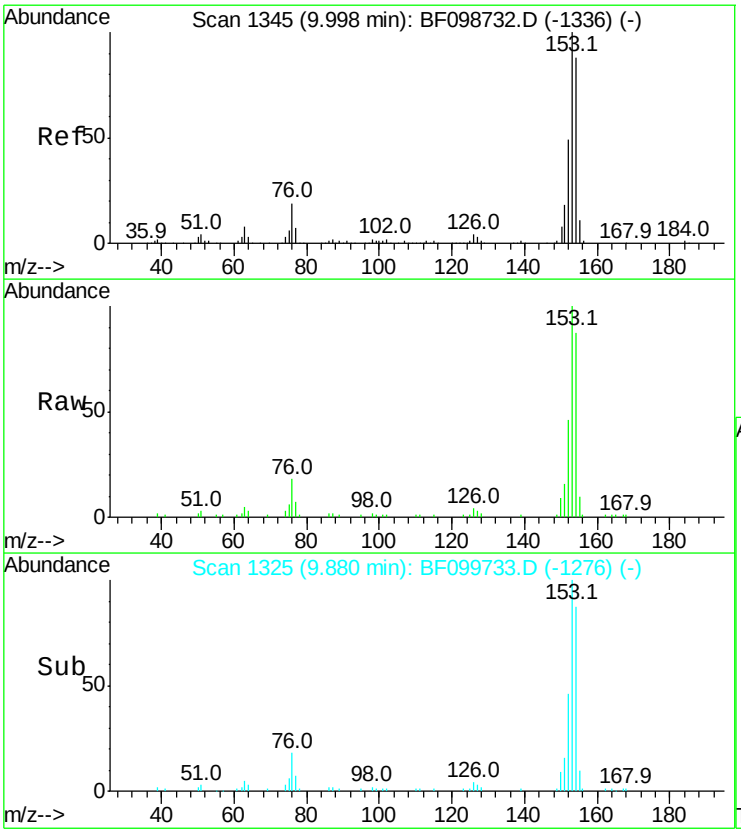
#50
2,6-Dinitrotoluene
Concen: 7.848 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.19 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29205

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#

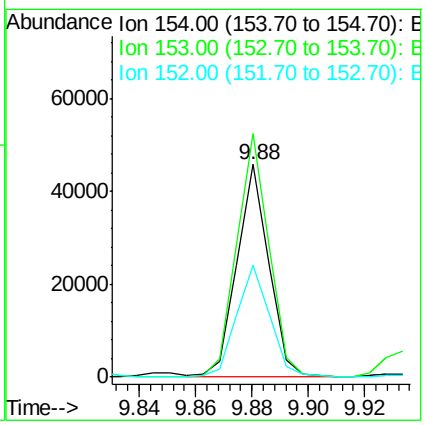


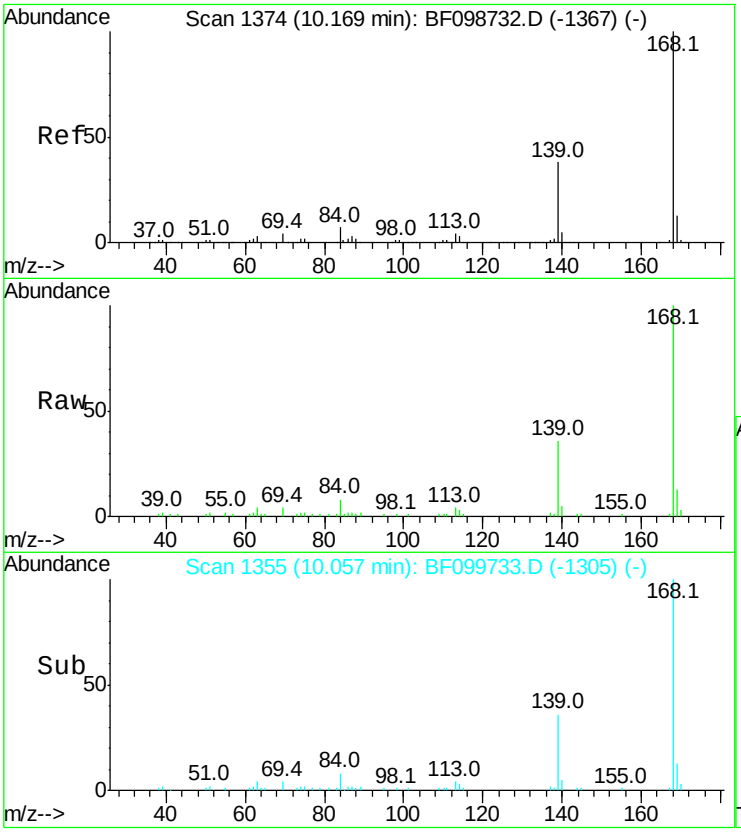


#51
Acenaphthene
Concen: 2.537 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:154 Resp: 35960

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	52.4	43.8	65.8



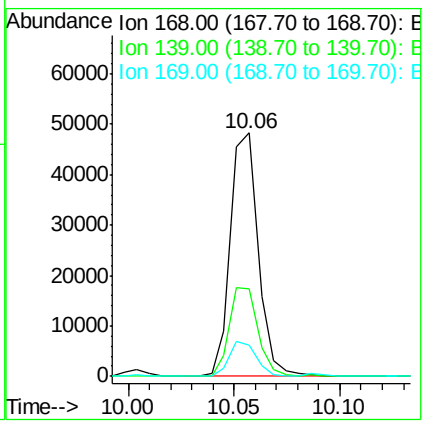


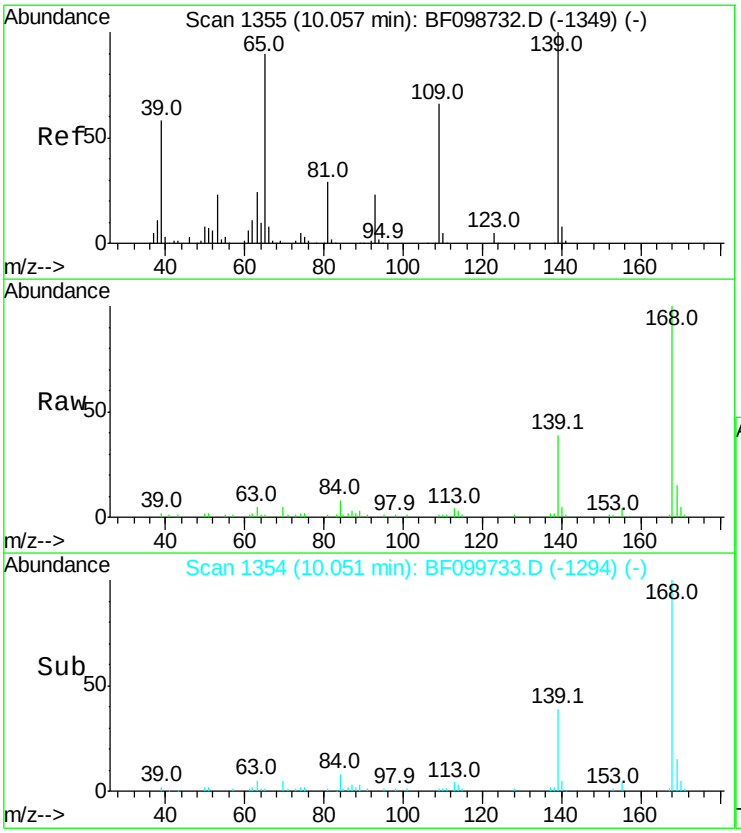
#54
Dibenzofuran
Concen: 2.328 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 43936

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.0	10.9	16.3

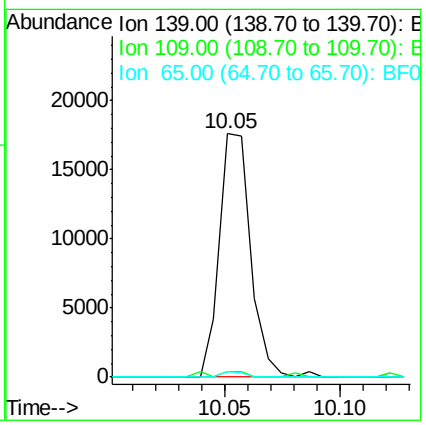


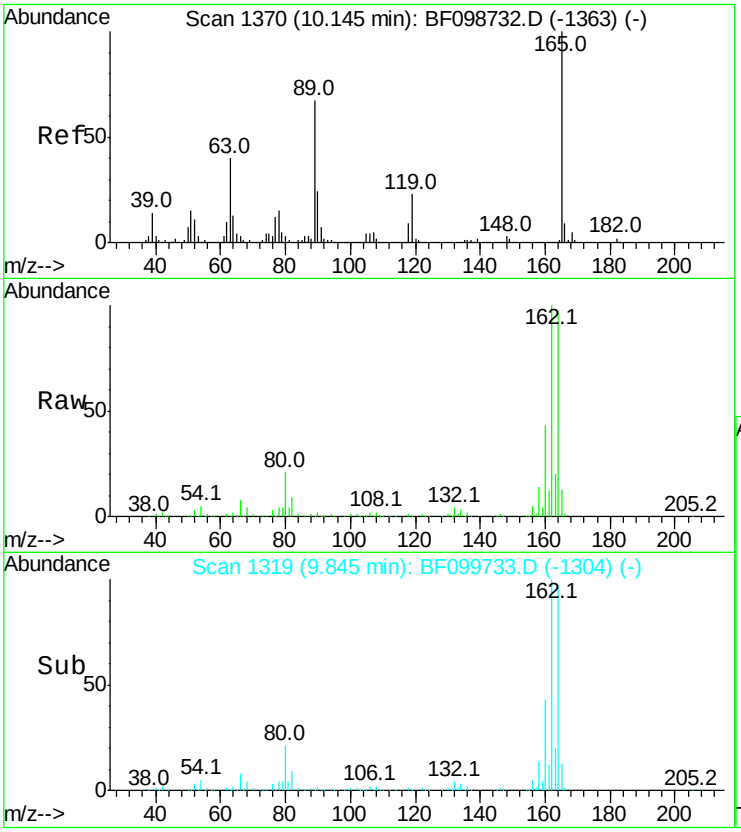


#55
4-Nitrophenol
Concen: 4.507 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.05 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:139 Resp: 16535

Ion	Ratio	Lower	Upper
139	100		
109	2.2	48.4	88.4#
65	2.1	72.6	112.6#



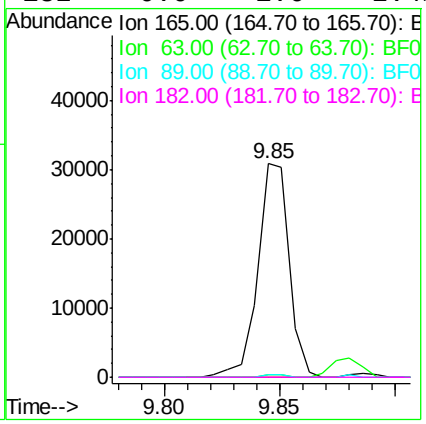


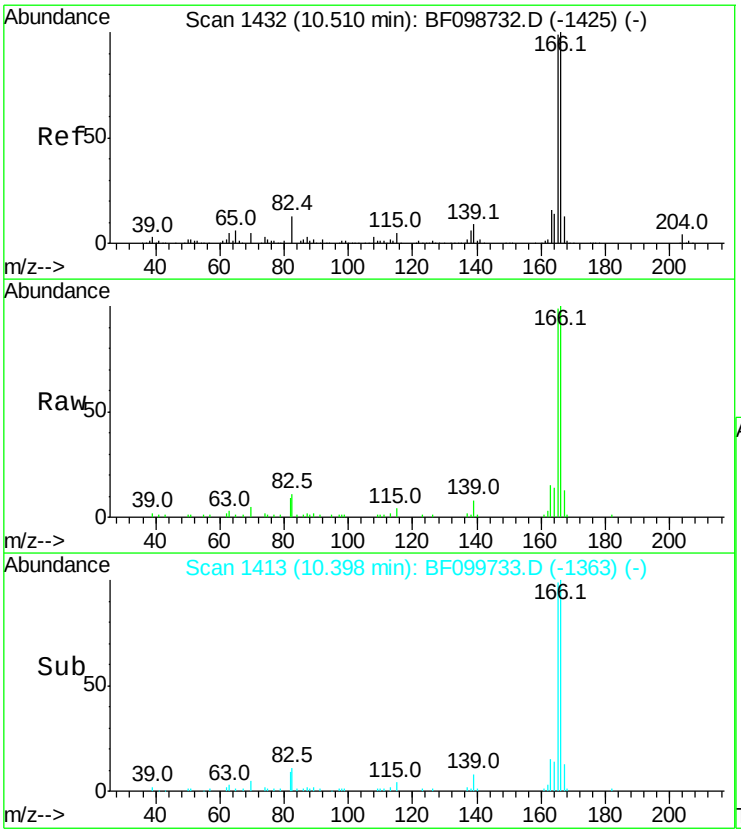
#56
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29205

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

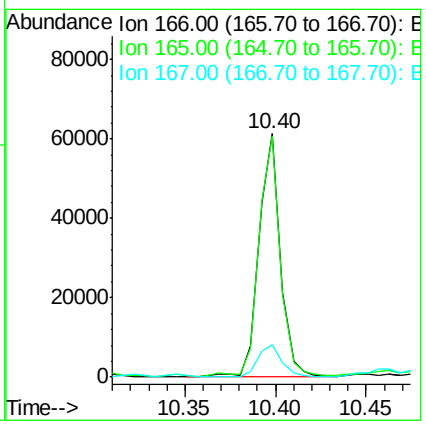


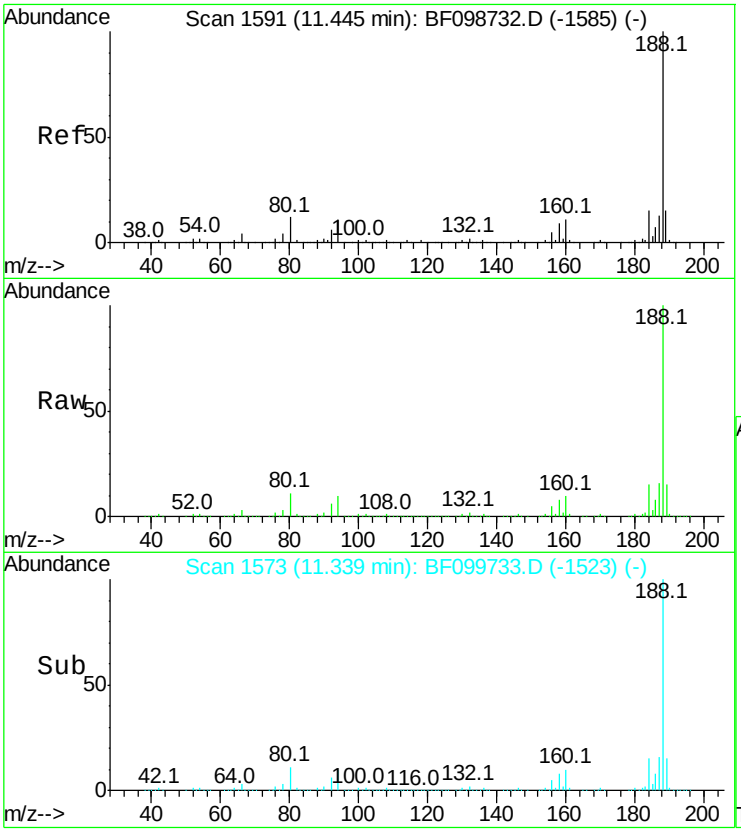


#57
Fluorene
Concen: 3.322 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:166 Resp: 50389

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.2	10.6	16.0



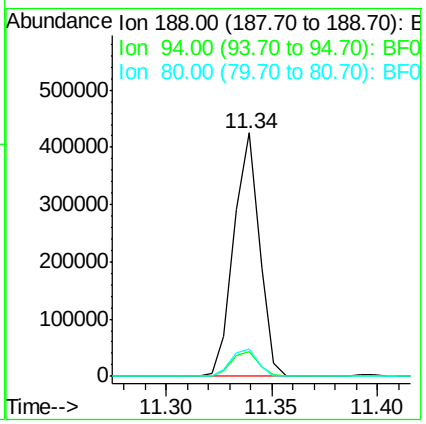


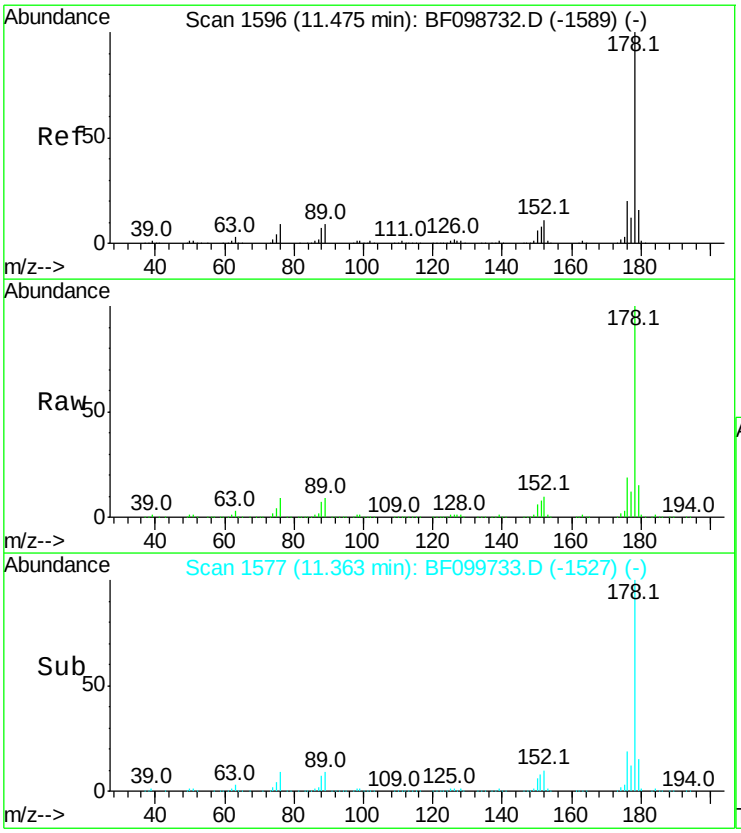
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 355946

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

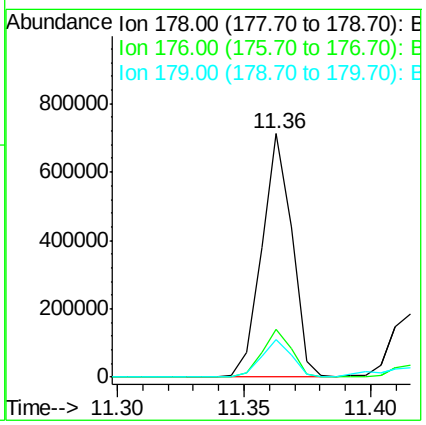


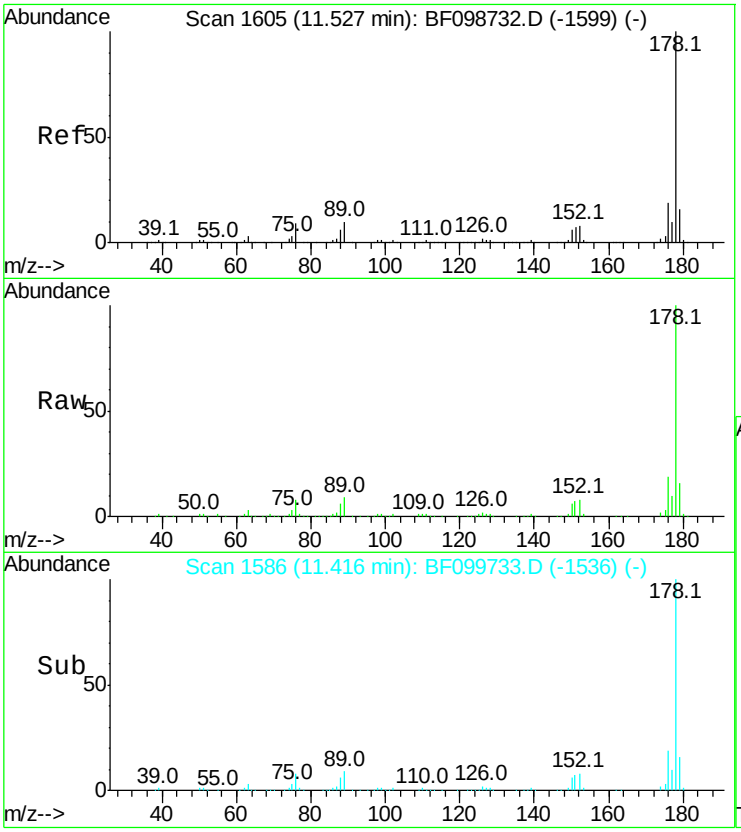


#70
Phenanthrene
Concen: 30.847 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:178 Resp: 587725

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6



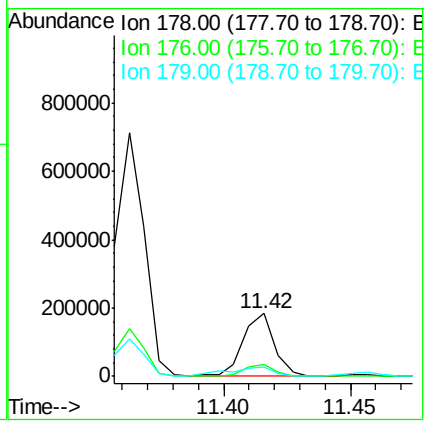


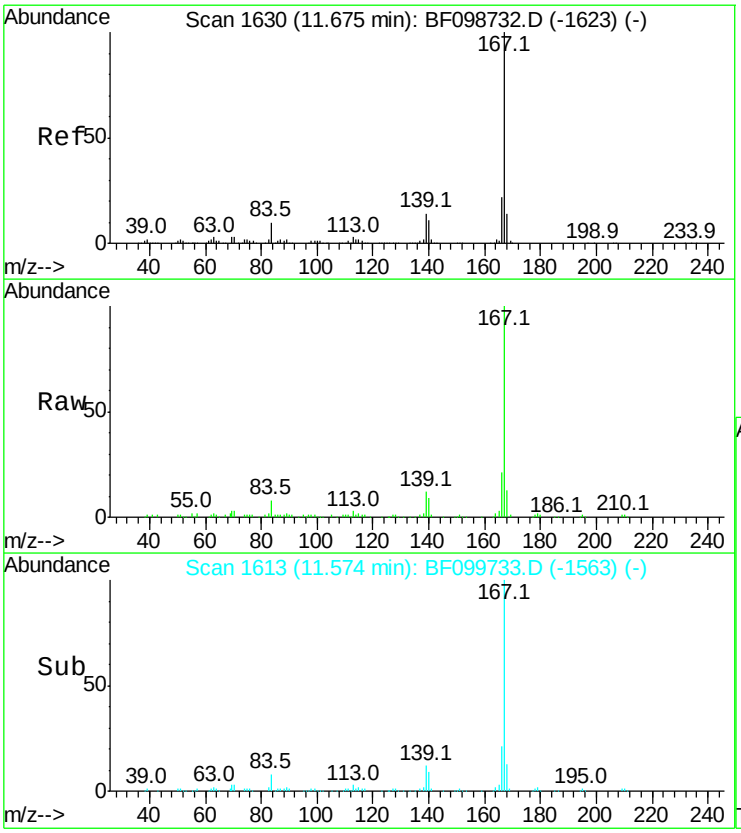
#71
Anthracene
Concen: 8.038 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 156693

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.7	12.6	19.0

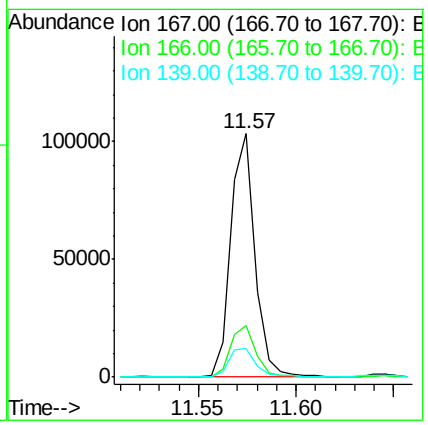


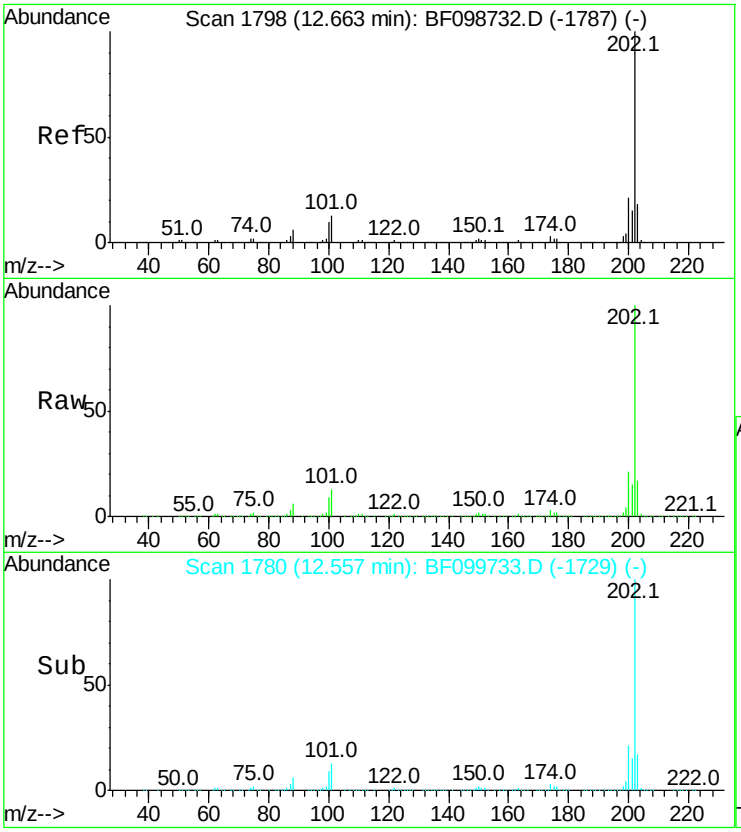


#72
Carbazole
Concen: 4.649 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:167 Resp: 88756

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.0	10.9	16.3



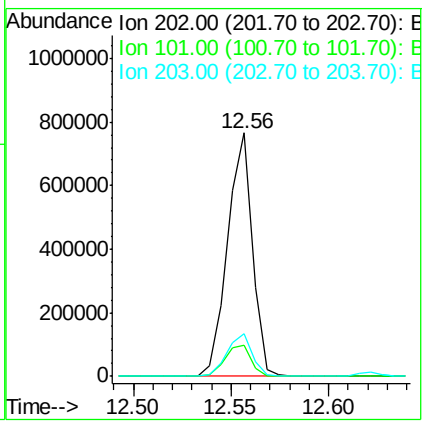


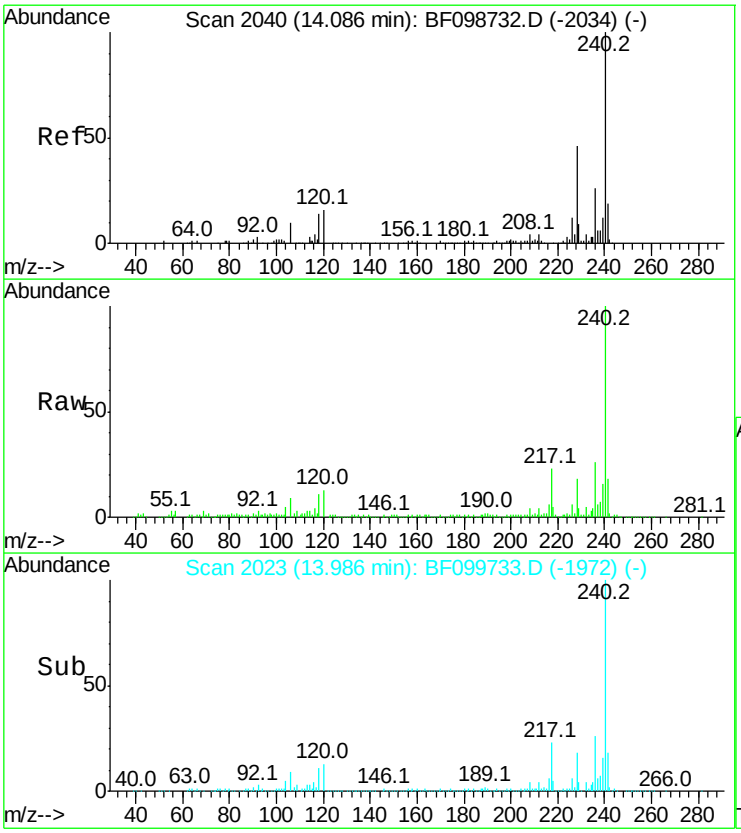
#74
Fluoranthene
Concen: 35.200 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 679109

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.5	0.0	38.1

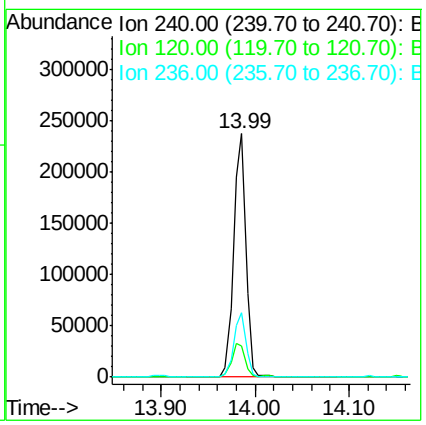


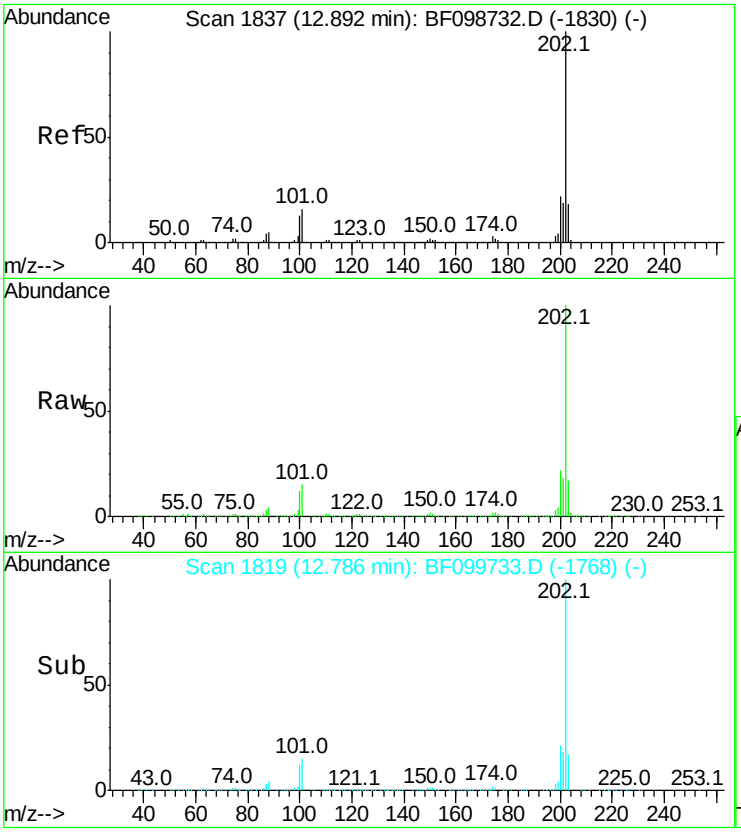


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:240 Resp: 216571

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.4	20.7	31.1



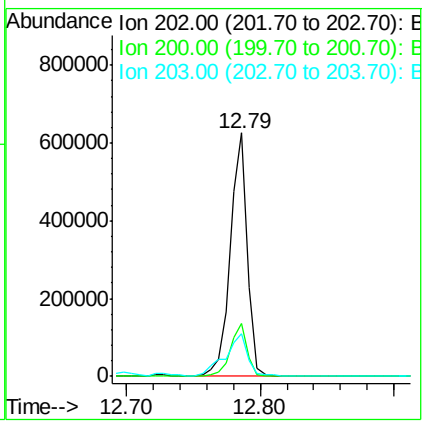


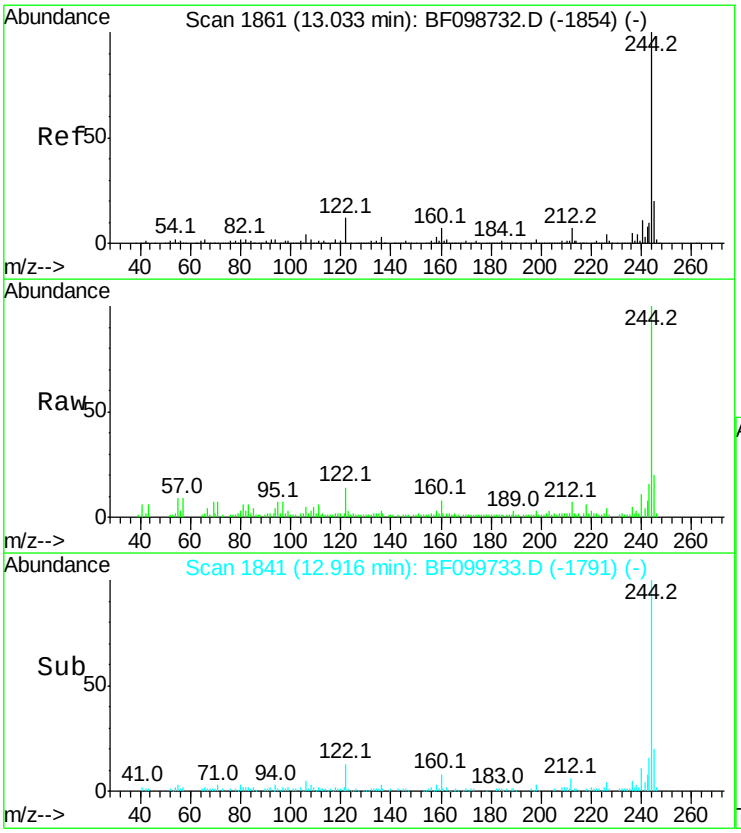
#77
Pyrene
Concen: 33.984 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 561228

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

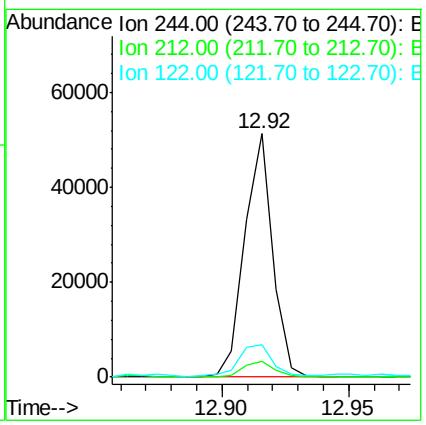


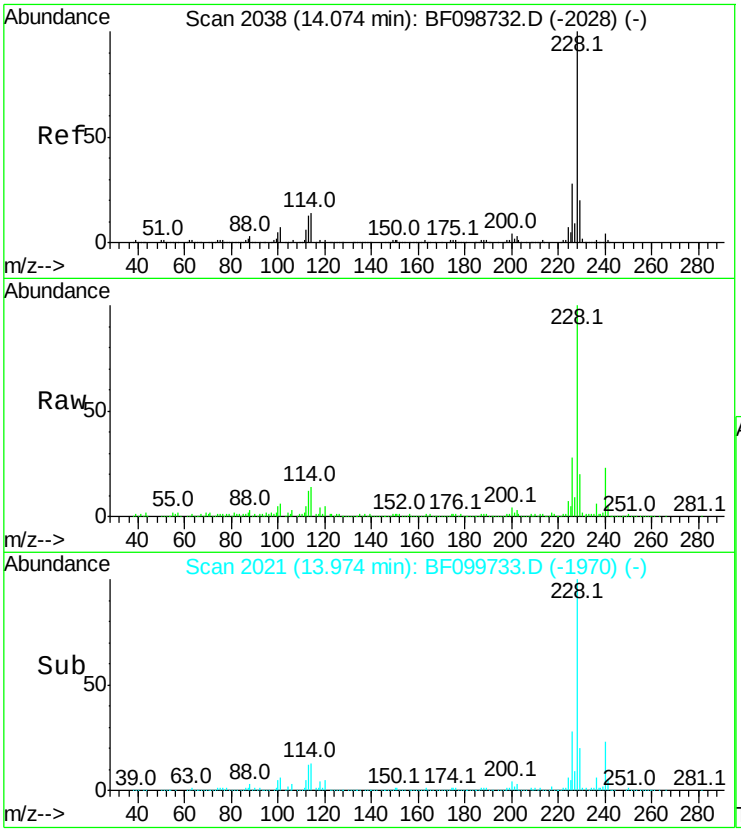


#78
Terphenyl-d14
Concen: 4.132 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:244 Resp: 39352

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.6	11.0	16.4



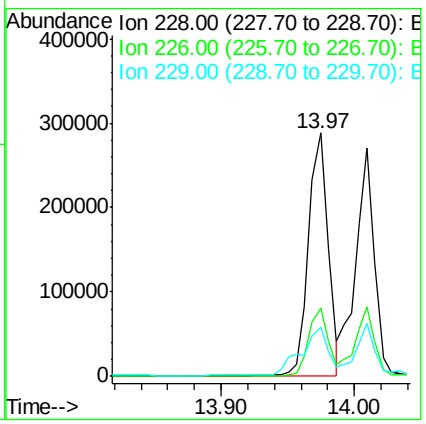


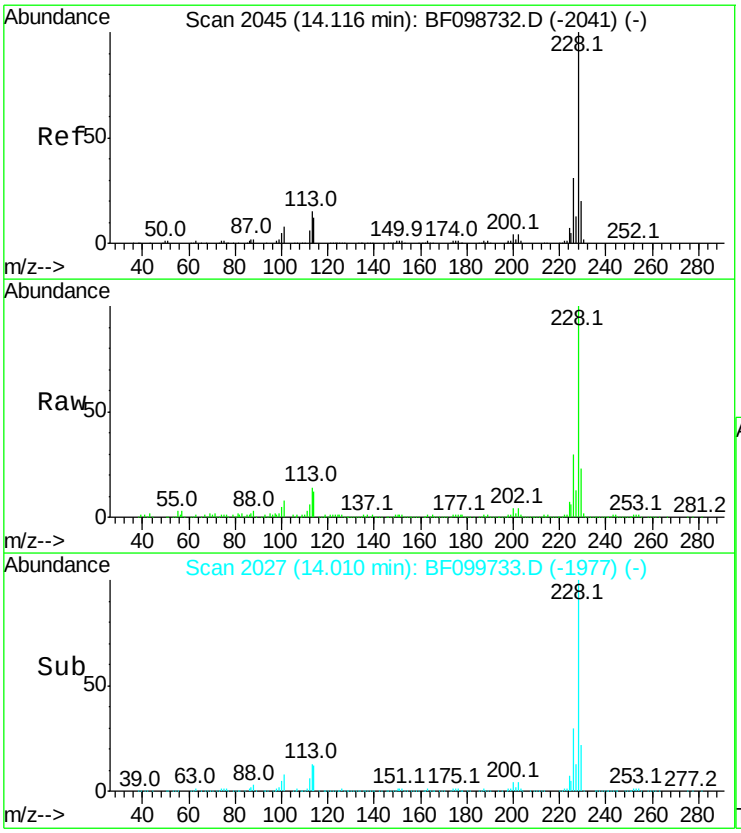
#80
Benzo(a)anthracene
Concen: 22.133 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 290251

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.2	15.8	23.6

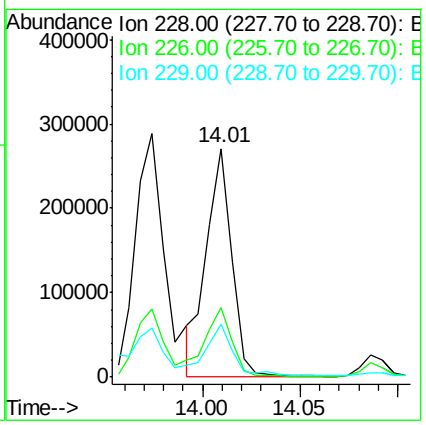


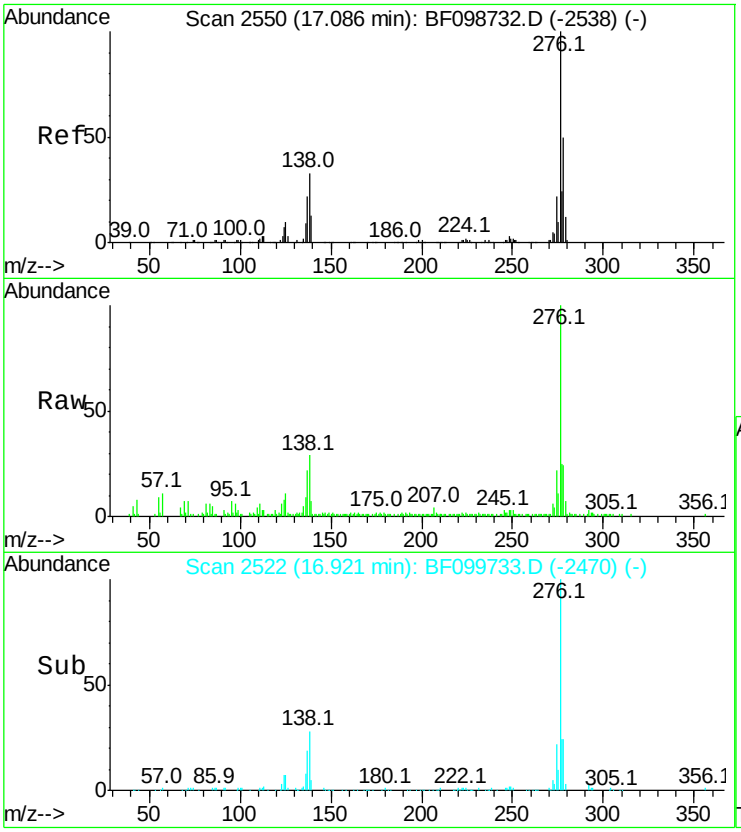


#82
Chrysene
Concen: 19.533 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:228 Resp: 243872

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	23.1	16.2	24.4



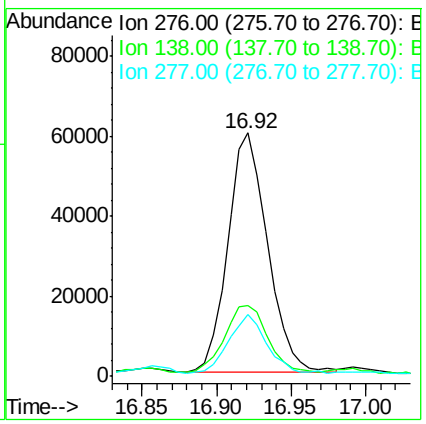


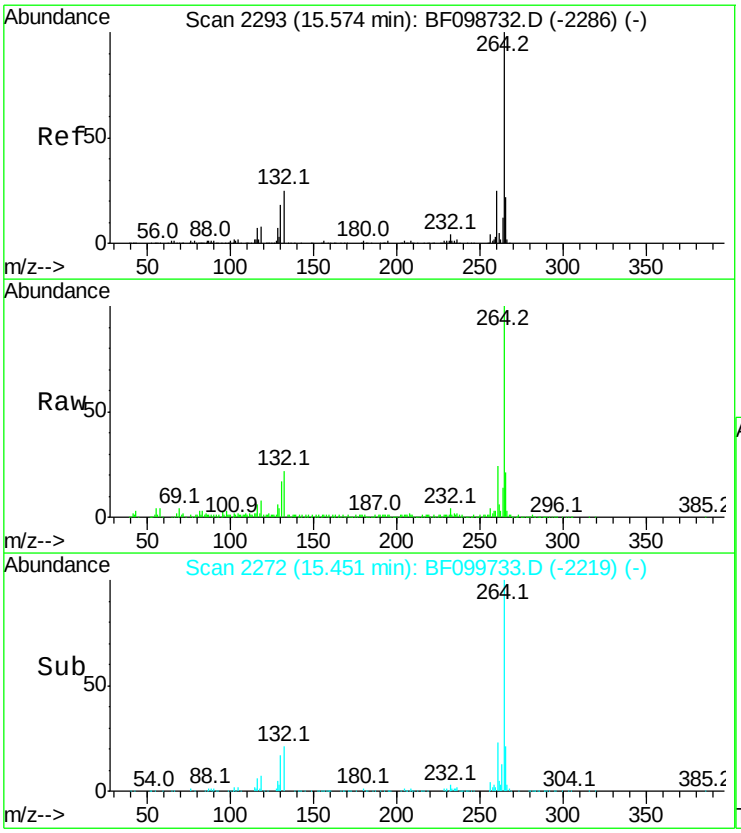
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.143 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 111292

Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.0	37.6
277	23.4	20.1	30.1

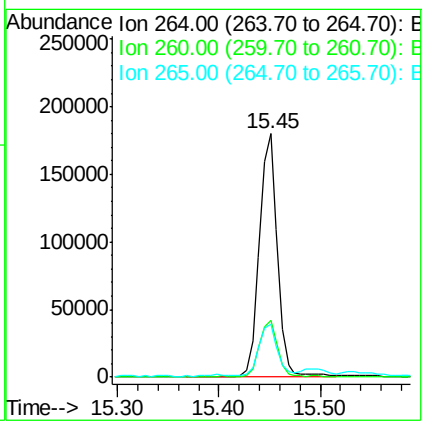


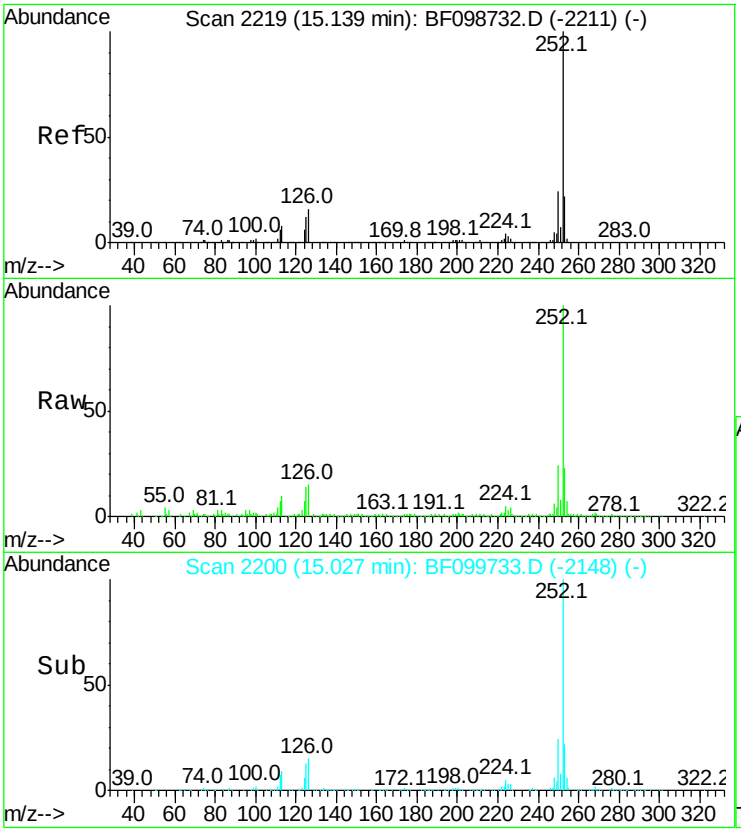


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:264 Resp: 220429

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3



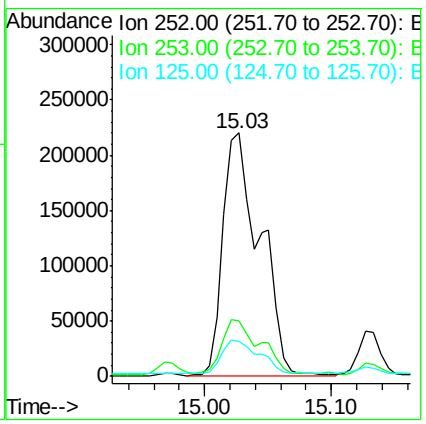


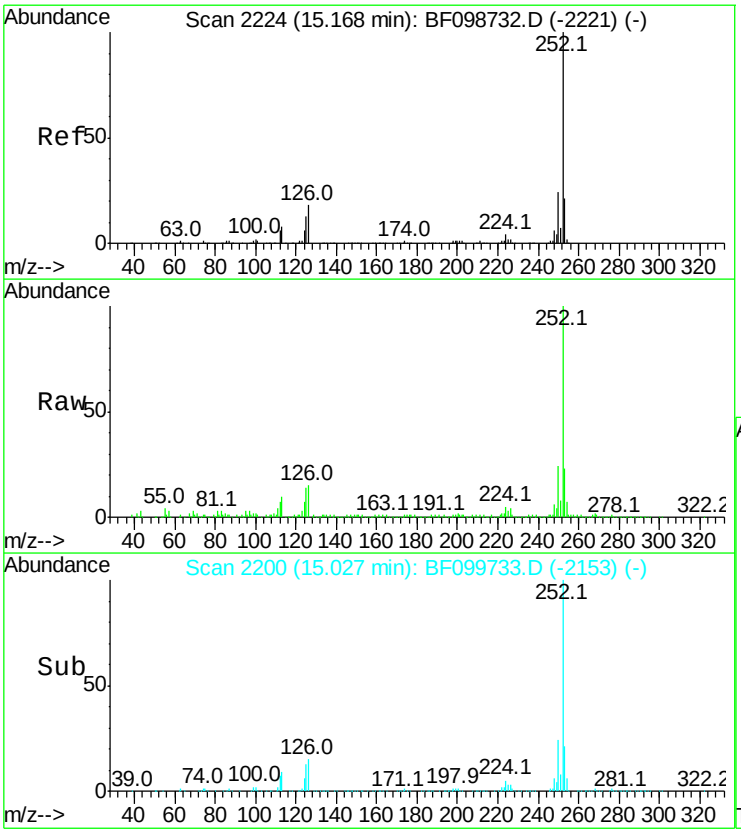
#87
Benzo(b)fluoranthene
Concen: 32.904 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 445941

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.3	9.0	13.6#

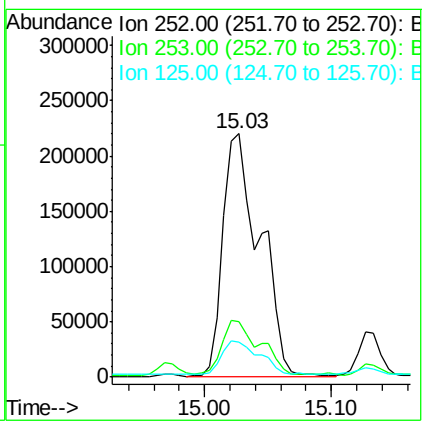


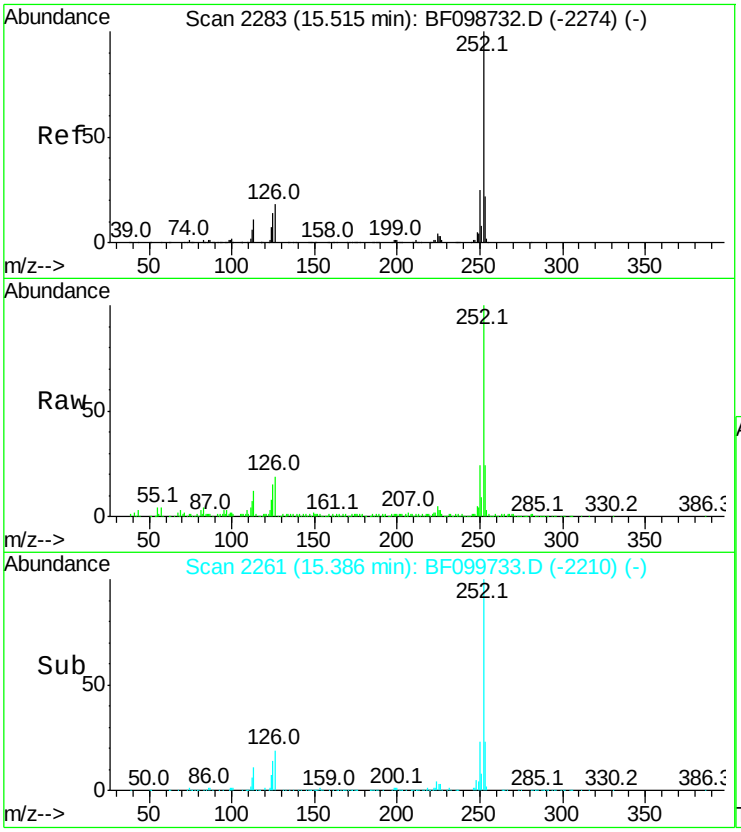


#88
Benzo(k)fluoranthene
Concen: 33.313 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:252 Resp: 445941

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.3	10.2	15.2



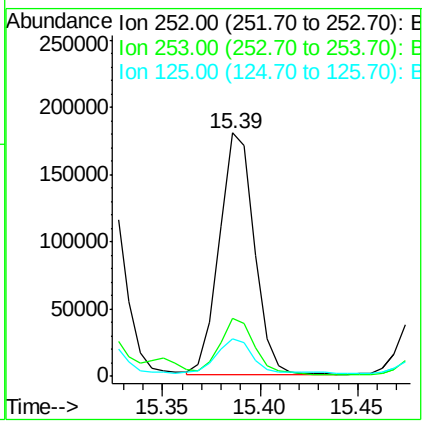


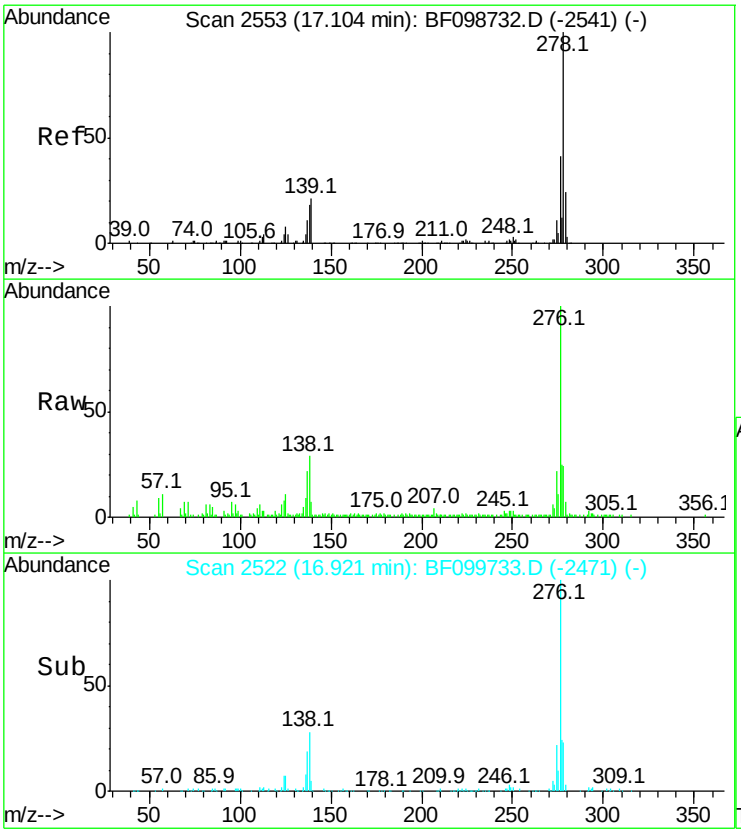
#89
Benzo(a)pyrene
Concen: 18.111 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 225314

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	15.3	9.8	14.6#

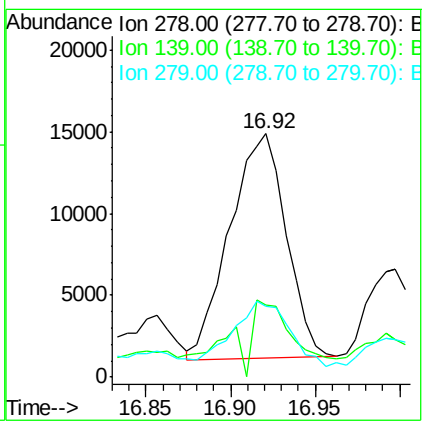


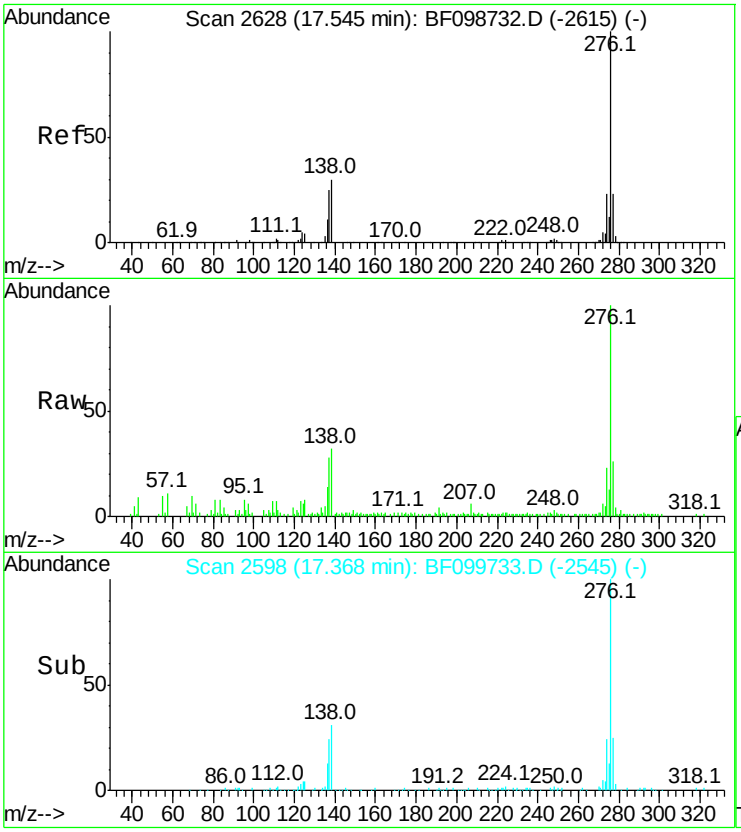


#90
Dibenzo(a,h)anthracene
Concen: 3.201 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Tgt Ion:278 Resp: 31865

Ion	Ratio	Lower	Upper
278	100		
139	29.7	15.9	23.9#
279	29.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.578 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF099733.D
Acq: 21 Oct 2017 17:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 94259

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	32.3	21.8	32.8