Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100256.D
Acq On : 6 Nov 2017 17:45
Operator : SJ/JU
Sample : I6257-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 00:17:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	96312	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	396180	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	172153	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	272140	20.00	ng		0.00
75) Chrysene-d12	13.95	240	122480	20.00	ng		0.00
86) Perylene-d12	15.41	264	162501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	53539	8.73	ng		0.06
7) Phenol-d6	6.46	99	82111	11.29	ng		0.05
23) Nitrobenzene-d5	7.37	82	44779	7.28	ng		0.03
41) 2,4,6-Tribromophenol	10.60	330	12938	8.25	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	104883	9.40	ng		0.00
78) Terphenyl-d14	12.87	244	62817	11.21	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.37	82	44779	4.010	ng	#	64
50) 2,6-Dinitrotoluene	9.79	165	31483	10.985	ng	#	27
51) Acenaphthene	9.83	154	215624	20.258	ng		99
53) 2,4-Dinitrophenol	10.09	184	745	6.372	ng	#	54
54) Dibenzofuran	10.01	168	39498	2.629	ng	#	96
55) 4-Nitrophenol	10.01	139	18447	10.455	ng	#	12
57) Fluorene	10.35	166	93162	7.489	ng	#	98
65) n-Nitrosodiphenylamine	10.45	169	24851	2.474	ng	#	68
70) Phenanthrene	11.33	178	2317859	150.920	ng		100
71) Anthracene	11.37	178	1101329	70.646	ng		99
72) Carbazole	11.53	167	312513	21.317	ng		98
74) Fluoranthene	12.54	202	3959791	248.097	ng		98
77) Pyrene	12.77	202	3271446	351.266	ng		98
80) Benzo(a)anthracene	13.94	228	1483565	191.073	ng		99
82) Chrysene	13.98	228	1184607	162.285	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	13310	2.067	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.88	276	483061	72.086	ng		97
87) Benzo(b)fluoranthene	14.99	252	1749399	170.487	ng	#	95
88) Benzo(k)fluoranthene	14.99	252	1749399	180.799	ng		98
89) Benzo(a)pyrene	15.36	252	933761	101.304	ng		95
90) Dibenzo(a,h)anthracene	16.96	278	46719	5.704	ng		93
91) Benzo(g,h,i)perylene	17.32	276	416268	51.949	ng		96

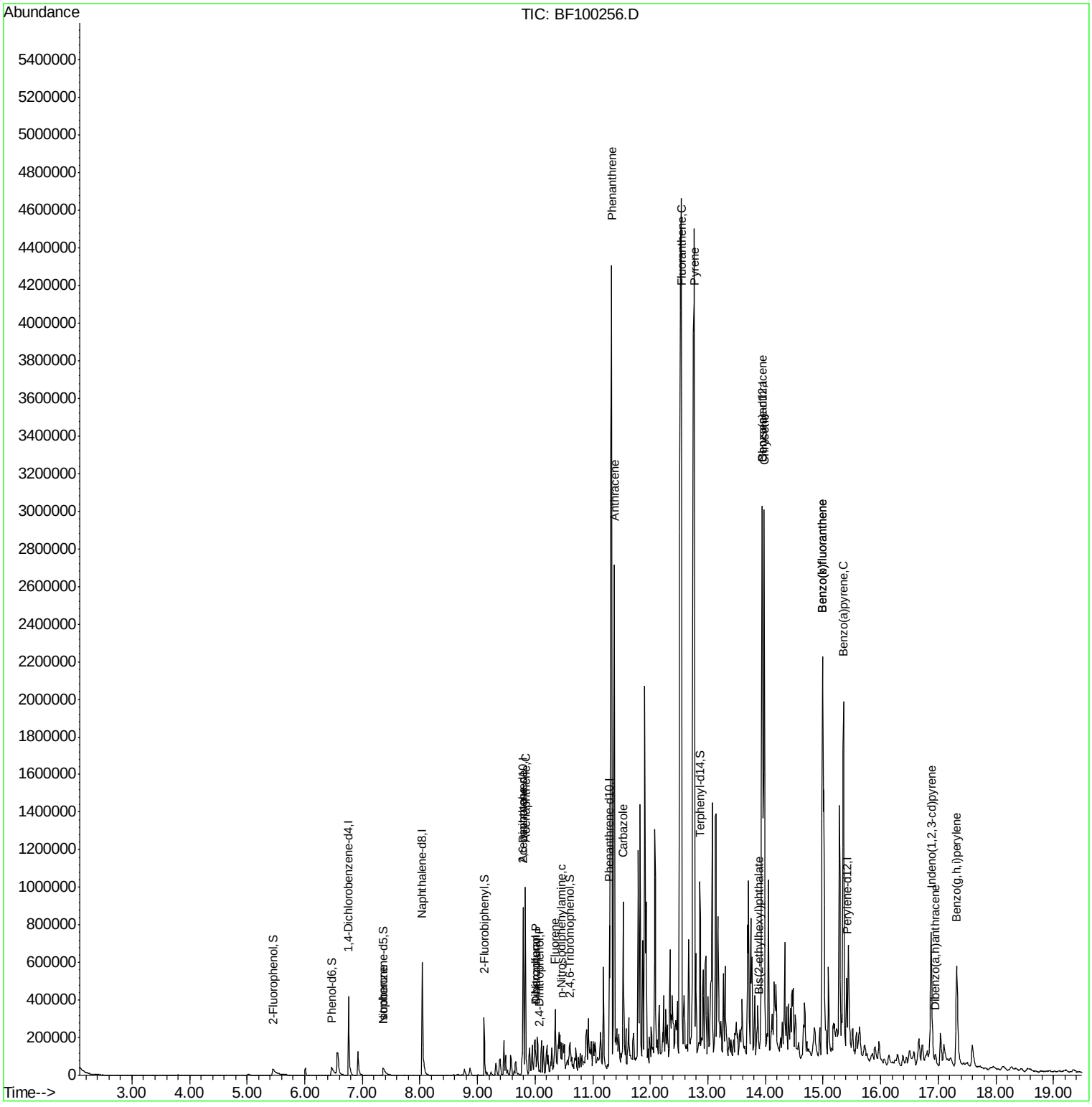
(#) = qualifier out of range (m) = manual integration (+) = signals summed

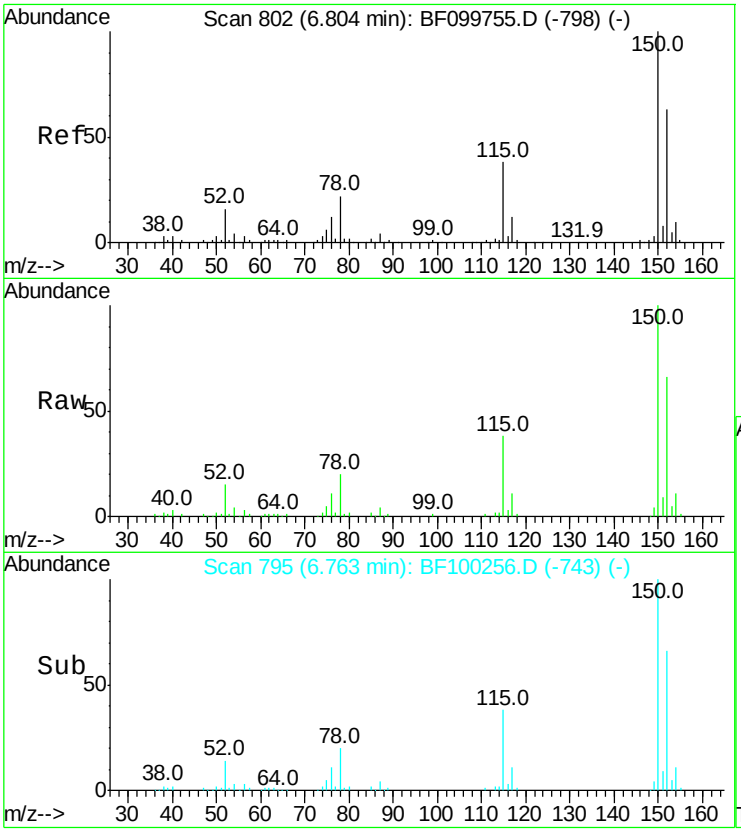
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100256.D
Acq On : 6 Nov 2017 17:45
Operator : SJ/JU
Sample : I6257-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 00:17:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration



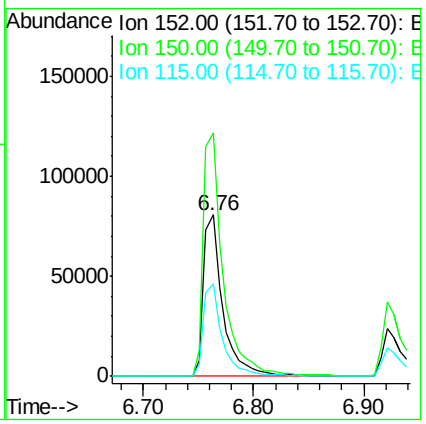


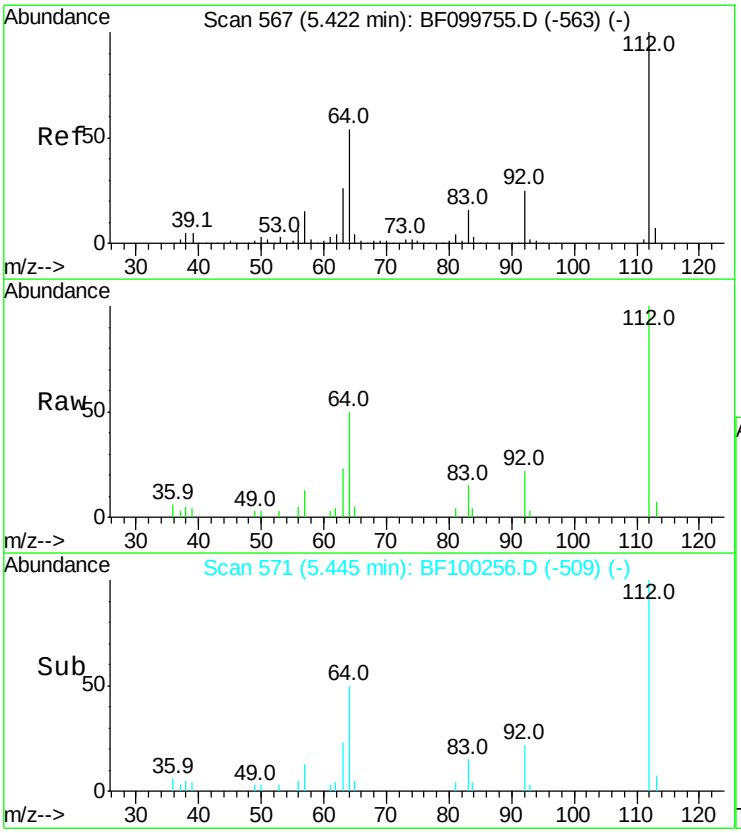
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96312

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	57.0	50.1	75.1

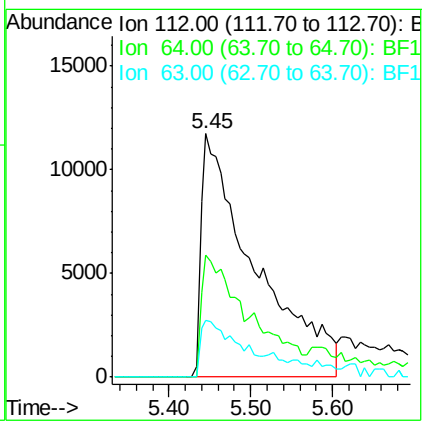


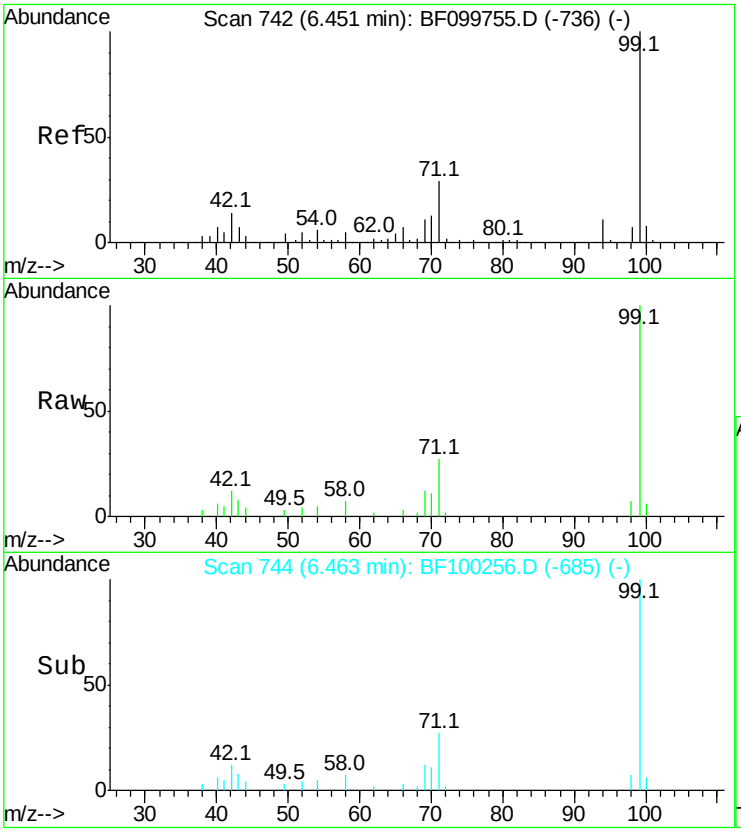


#5
2-Fluorophenol
Concen: 8.727 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.06 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:112 Resp: 53539

Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.9	71.9
63	23.3	23.7	35.5#



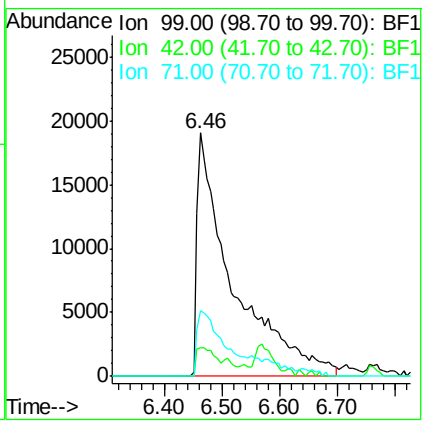


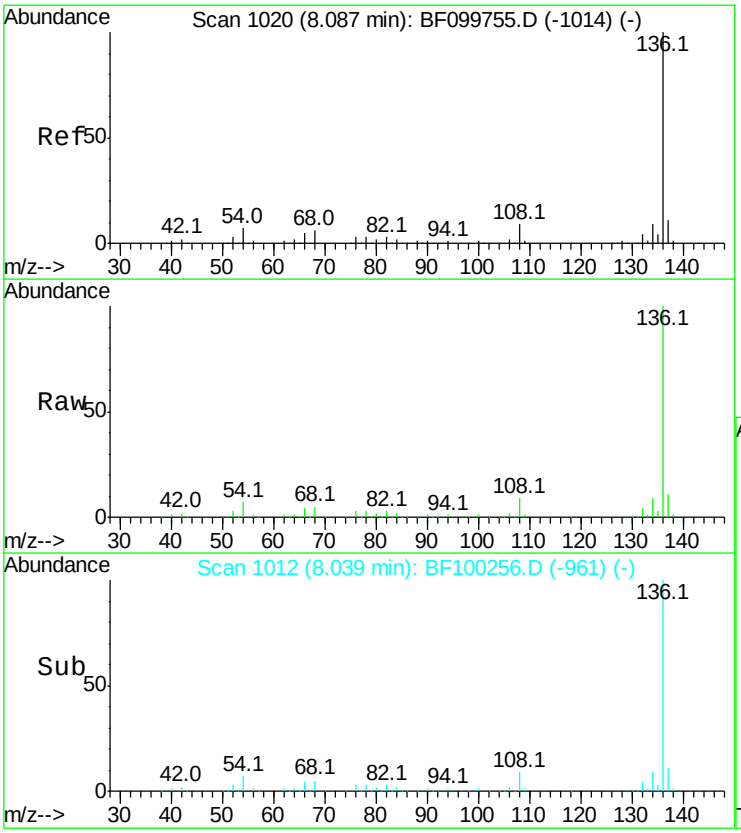
#7
Phenol-d6
Concen: 11.288 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.05 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 82111

Ion	Ratio	Lower	Upper
99	100		
42	12.0	14.5	21.7#
71	26.9	25.4	38.0

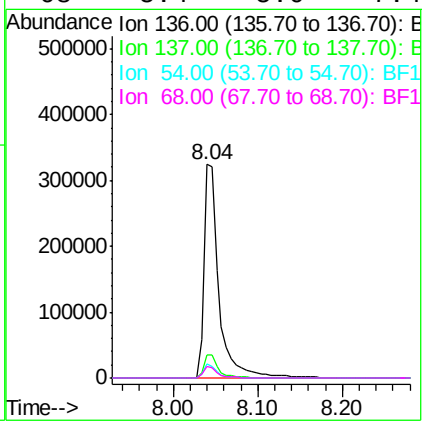


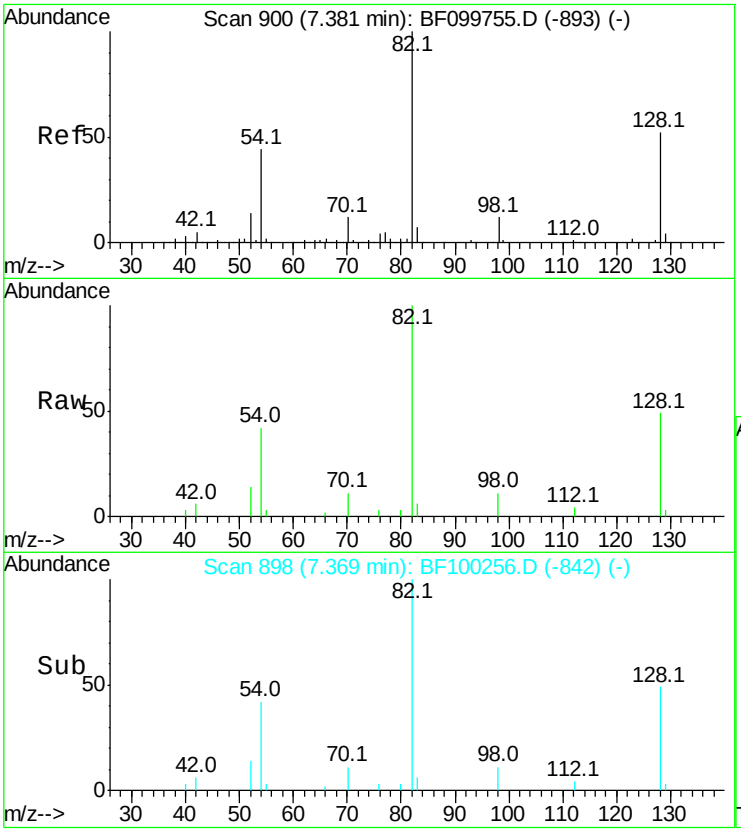


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:136 Resp: 396180

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

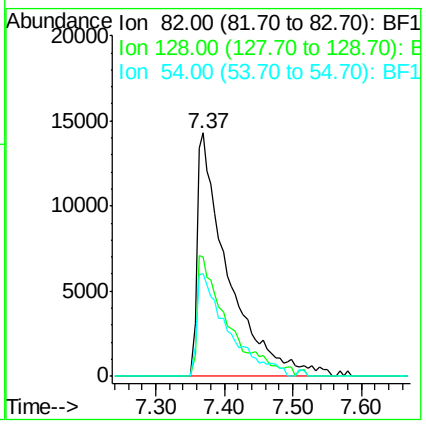




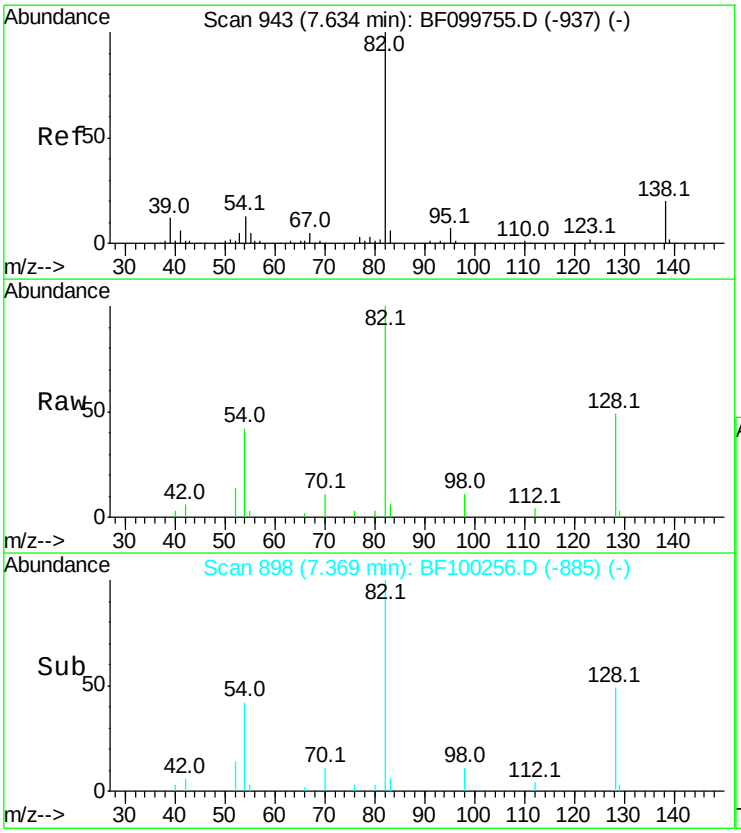
#23
Nitrobenzene-d5
Concen: 7.277 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.03 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion: 82 Resp: 44779

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	42.5	41.4	62.2



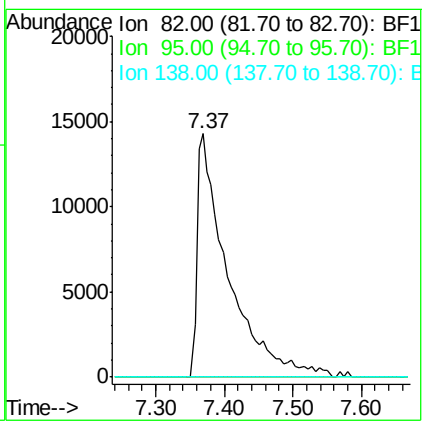
Instrument :
BNA_F
ClientSampleId :

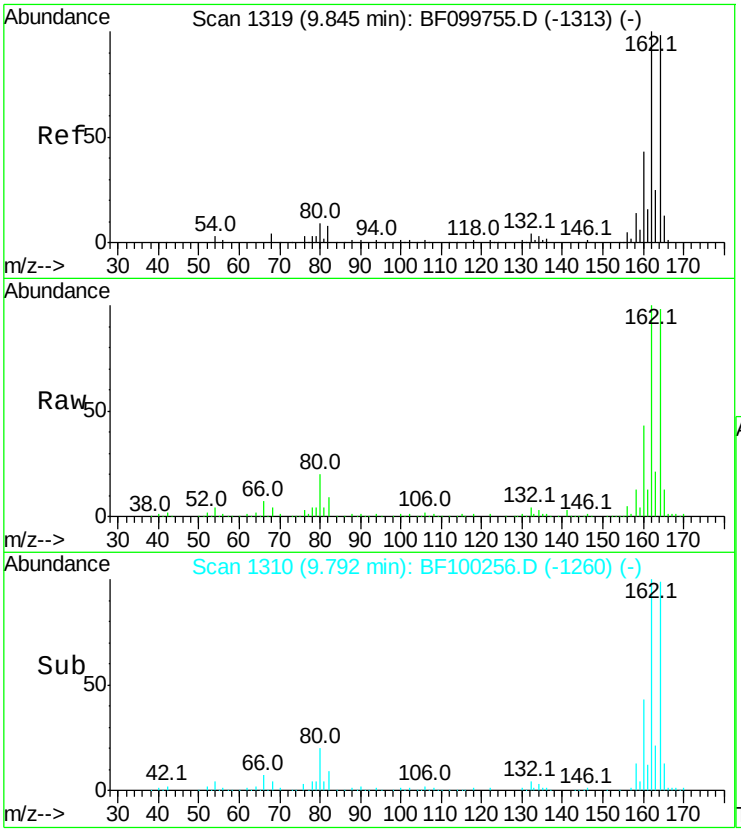


#25
Isophorone
Concen: 4.010 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.22 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion: 82 Resp: 44779

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



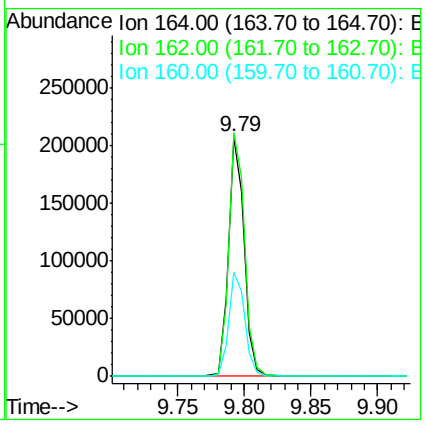


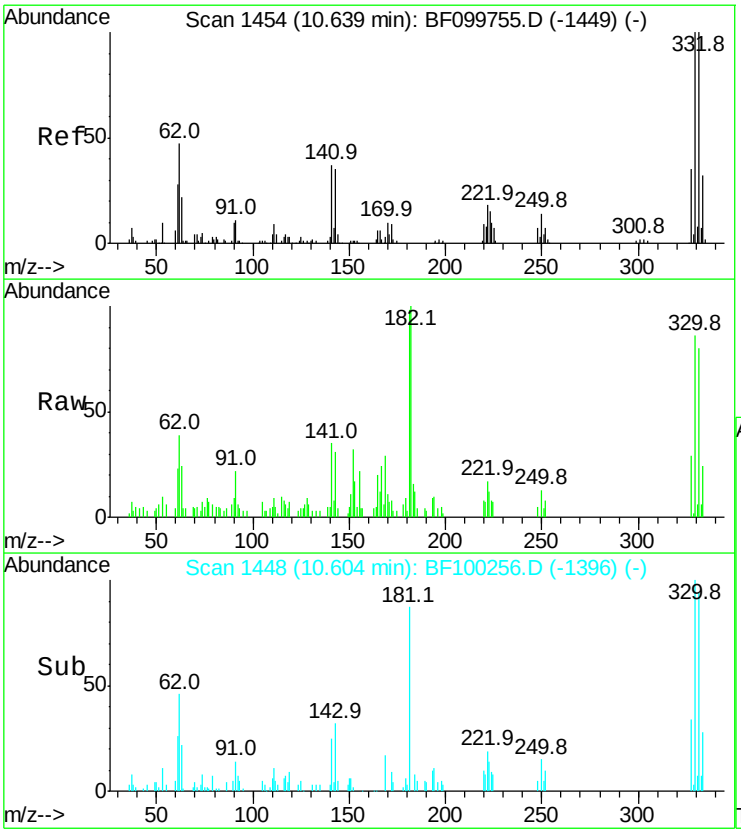
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172153

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	43.4	38.3	57.5

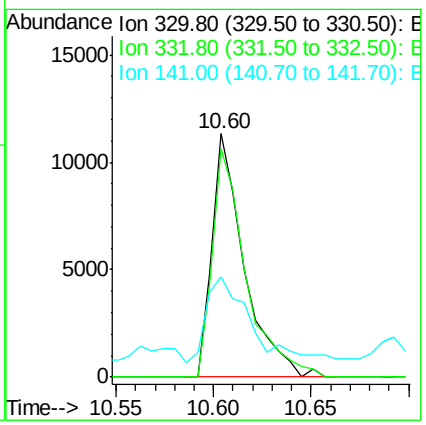


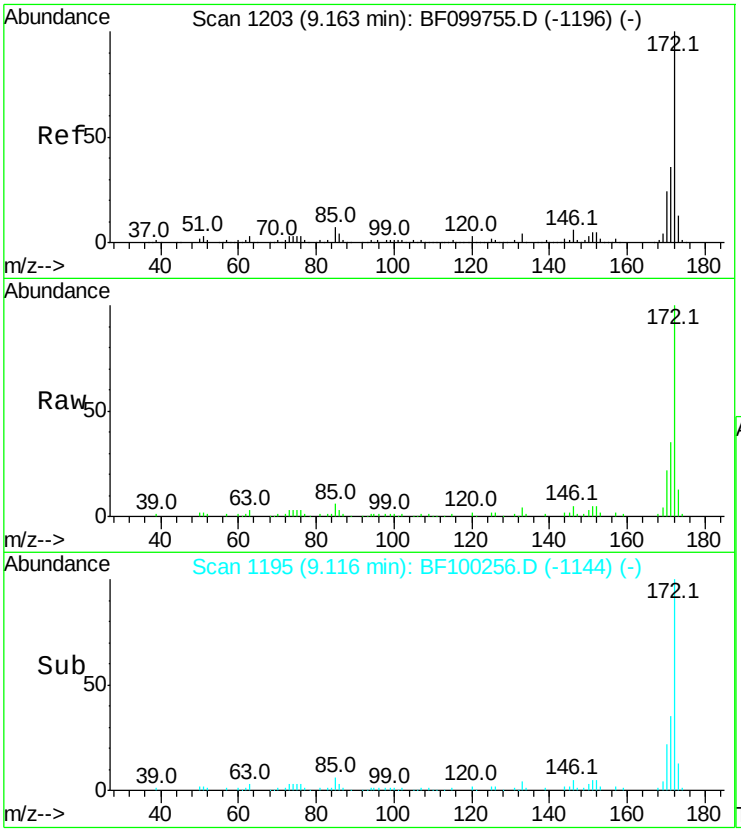


#41
2,4,6-Tribromophenol
Concen: 8.247 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:330 Resp: 12938

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	50.6	29.9	44.9#



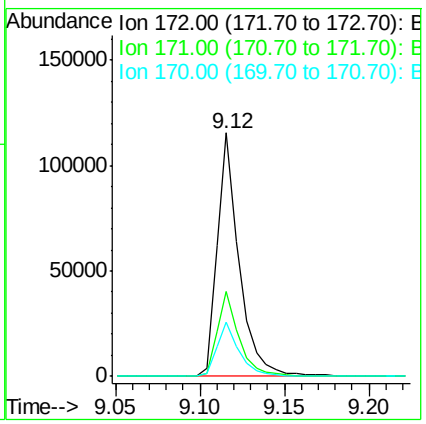


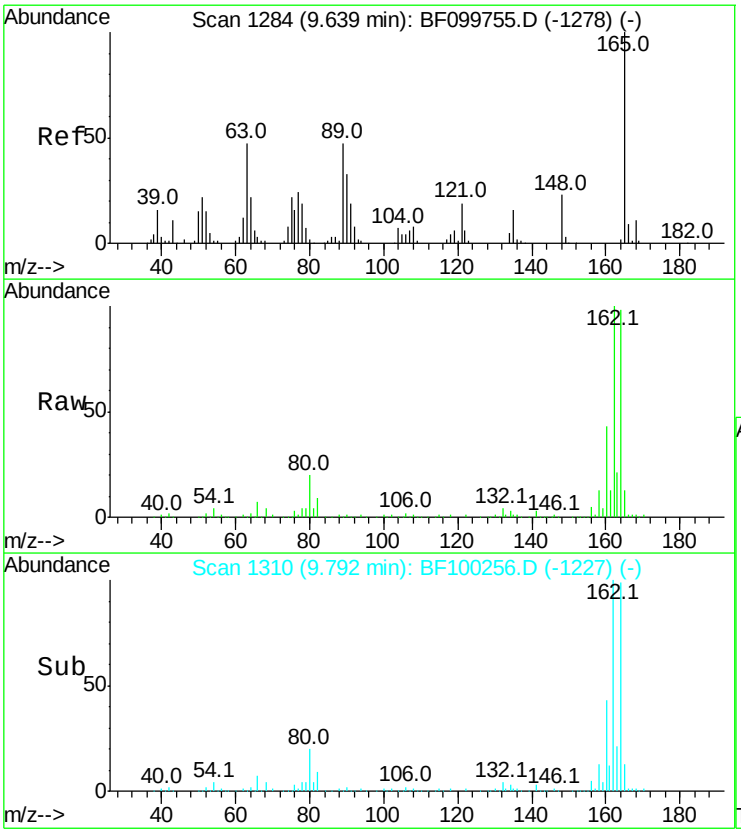
#44
2-Fluorobiphenyl
Concen: 9.400 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 104883

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.3	19.6	29.4

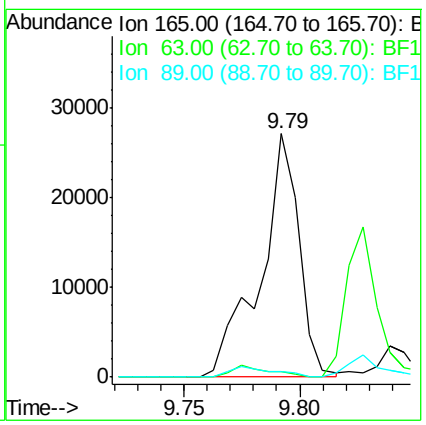


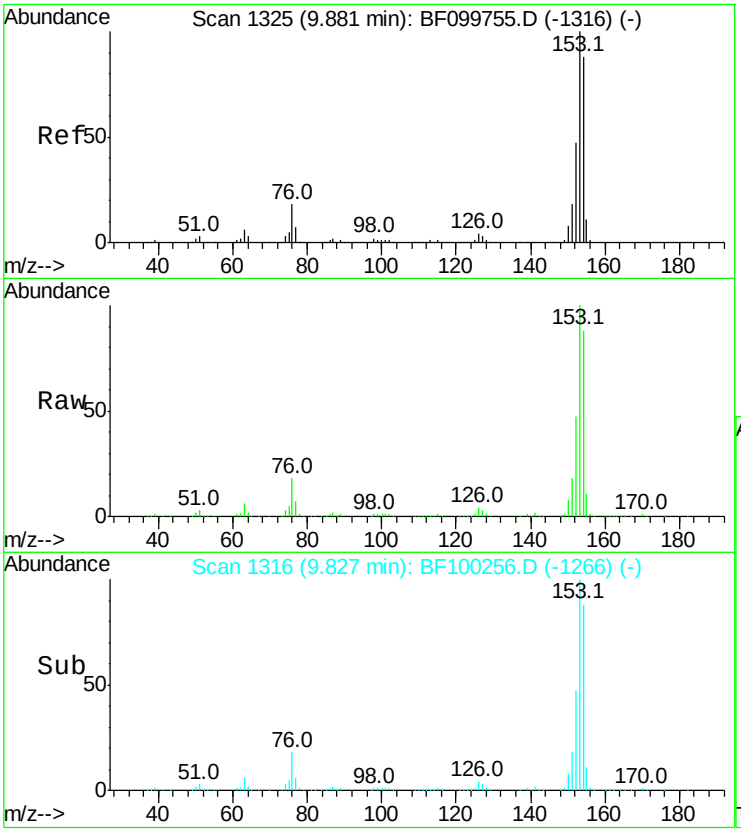


#50
2,6-Dinitrotoluene
Concen: 10.985 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:165 Resp: 31483

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	2.1	44.0	66.0#



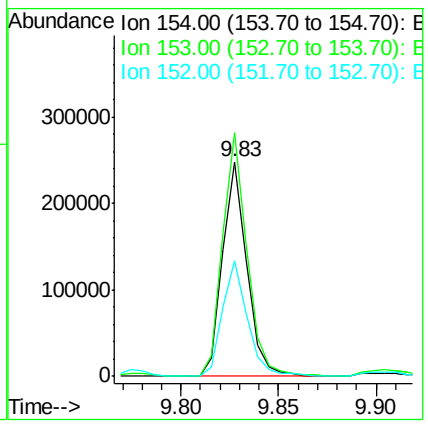


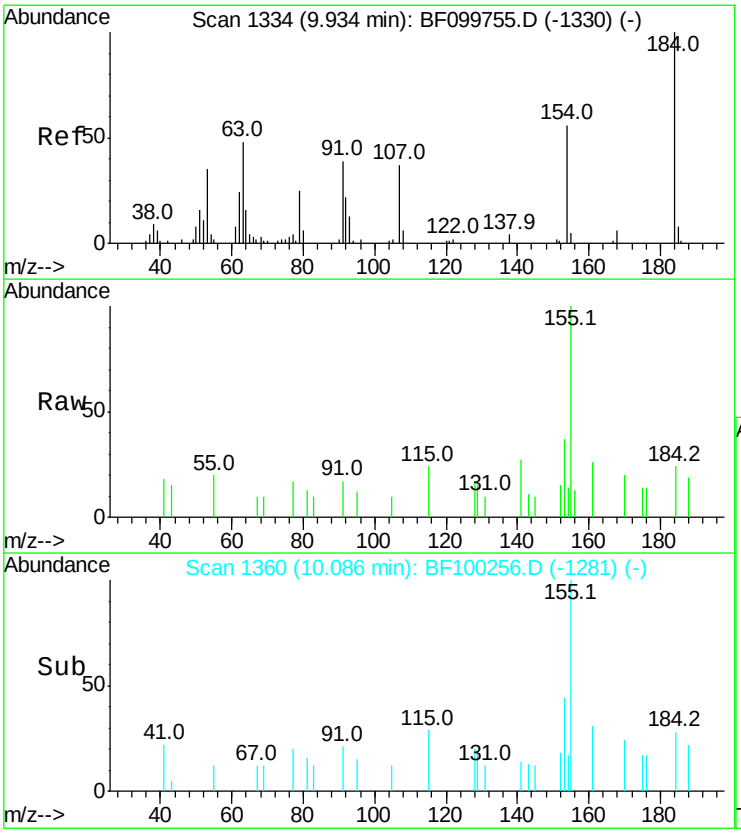
#51
Acenaphthene
Concen: 20.258 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 215624

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.2	136.8
152	53.7	43.8	65.8

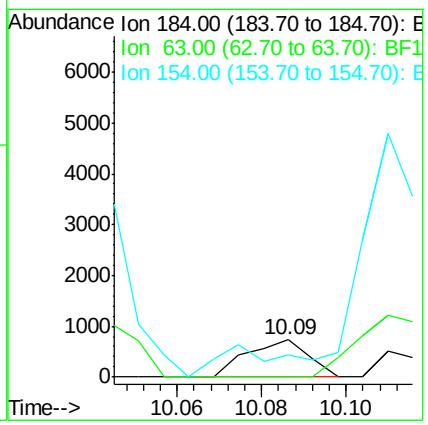


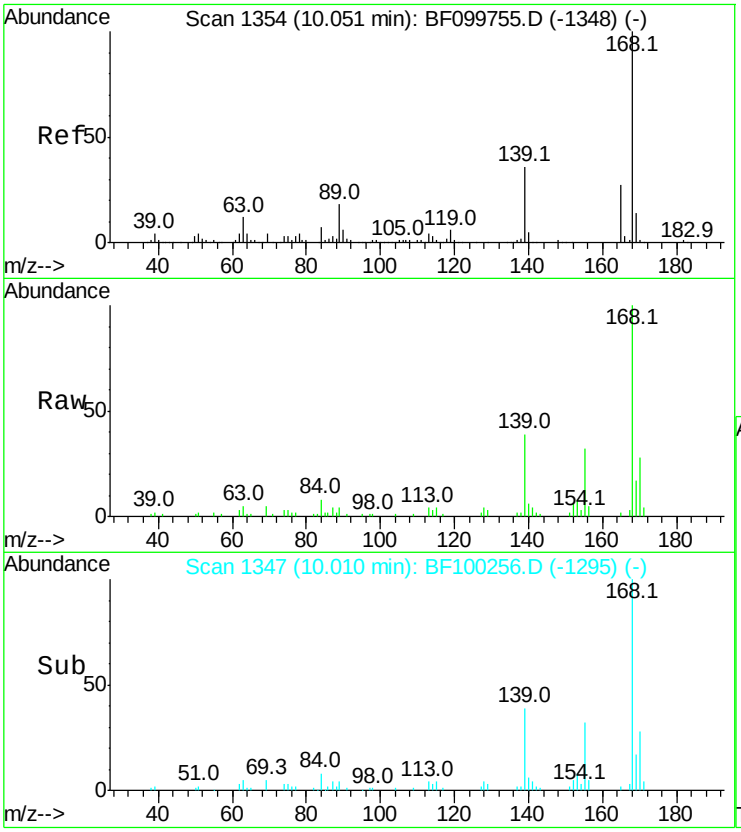


#53
2,4-Dinitrophenol
Concen: 6.372 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.16 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:184 Resp: 745

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	60.2	53.5	80.3



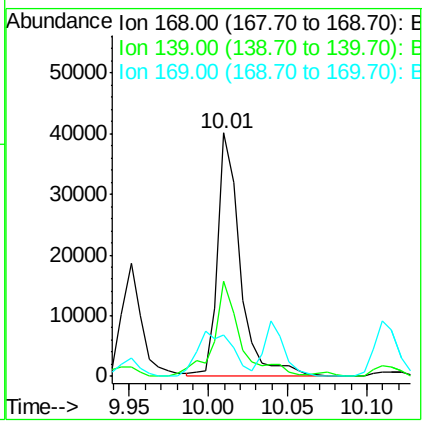


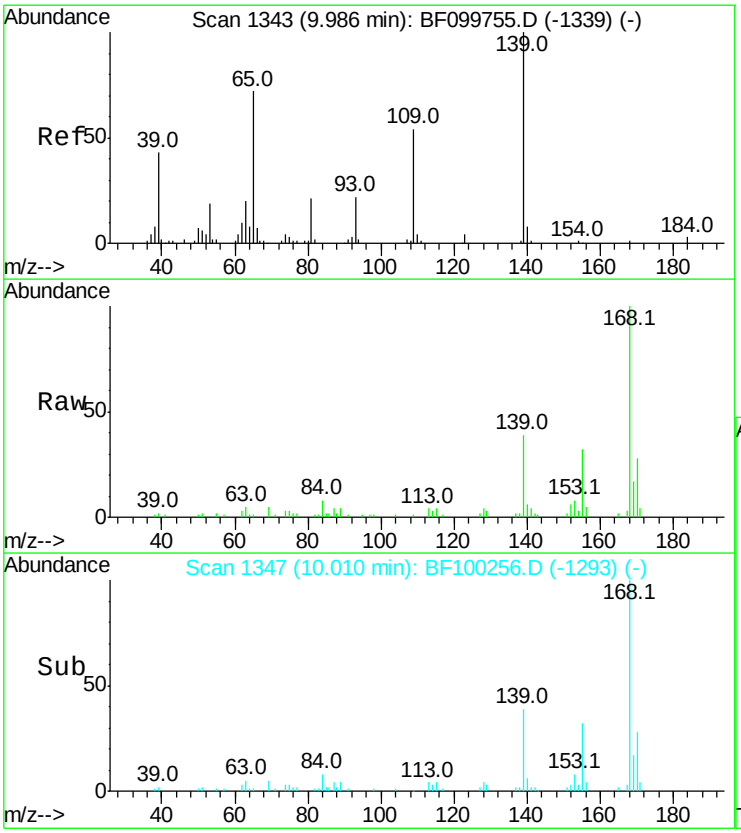
#54
Dibenzofuran
Concen: 2.629 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 39498

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	17.1	10.9	16.3#

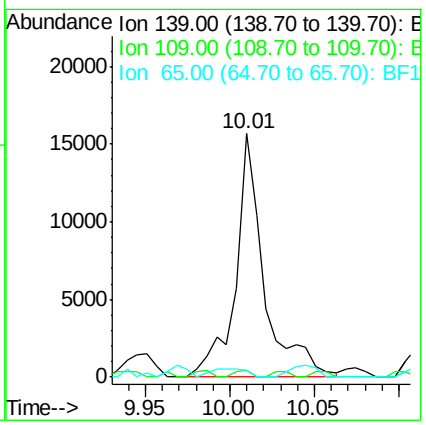


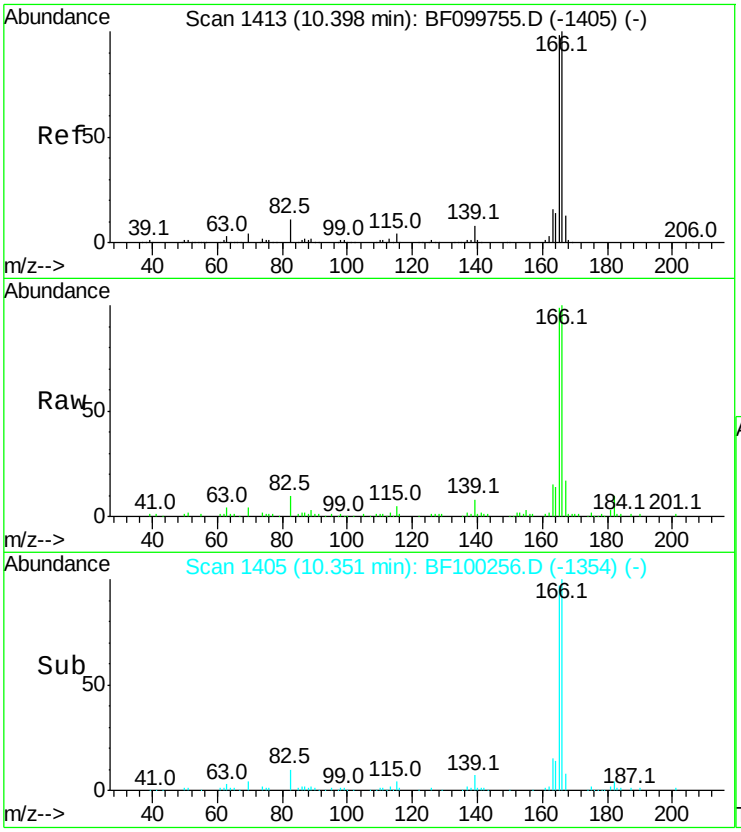


#55
4-Nitrophenol
Concen: 10.455 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:139 Resp: 18447

Ion	Ratio	Lower	Upper
139	100		
109	2.8	48.4	88.4#
65	2.9	72.6	112.6#



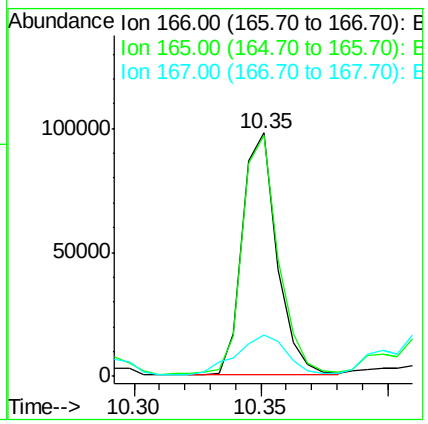


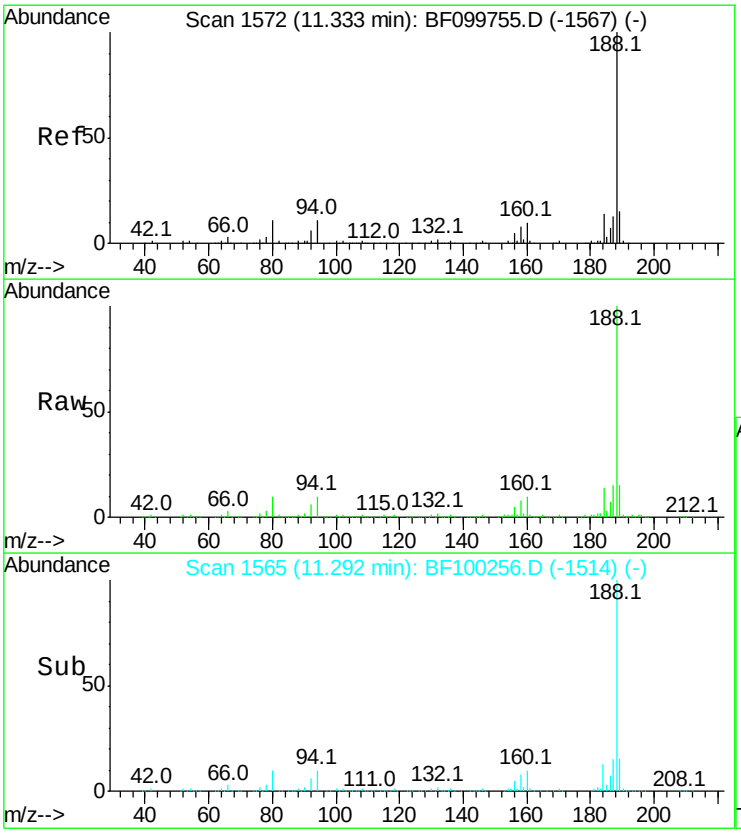
#57
Fluorene
Concen: 7.489 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 93162

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	17.1	10.6	16.0#

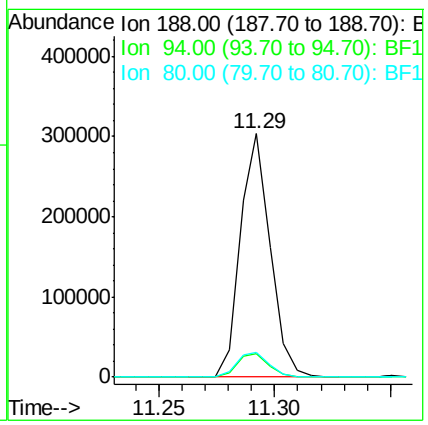


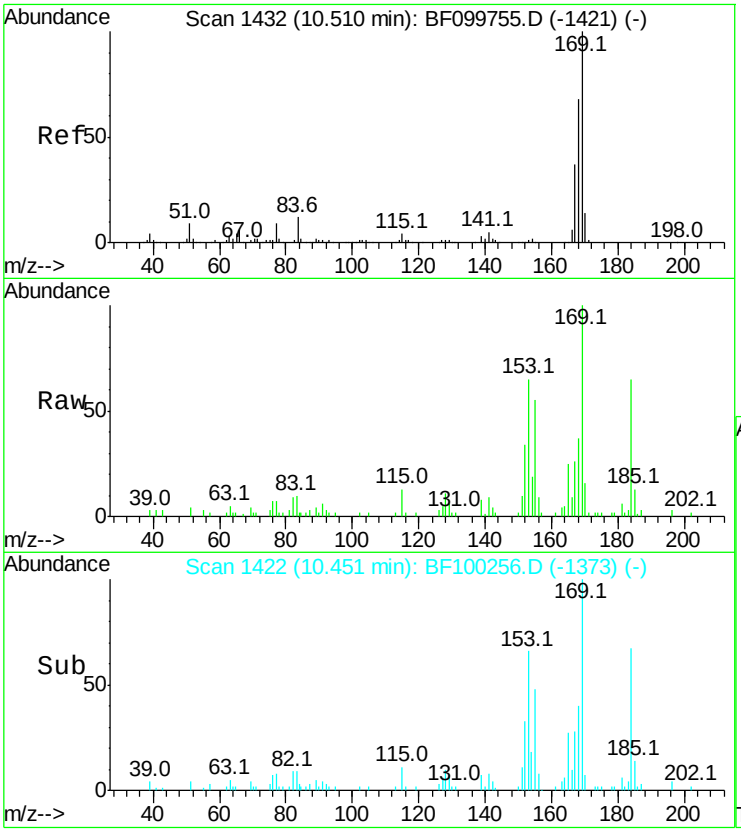


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:188 Resp: 272140

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.9	9.2	13.8



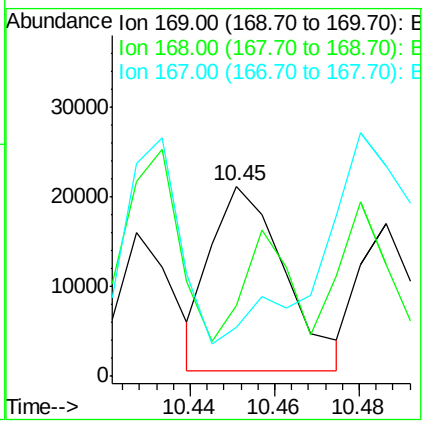


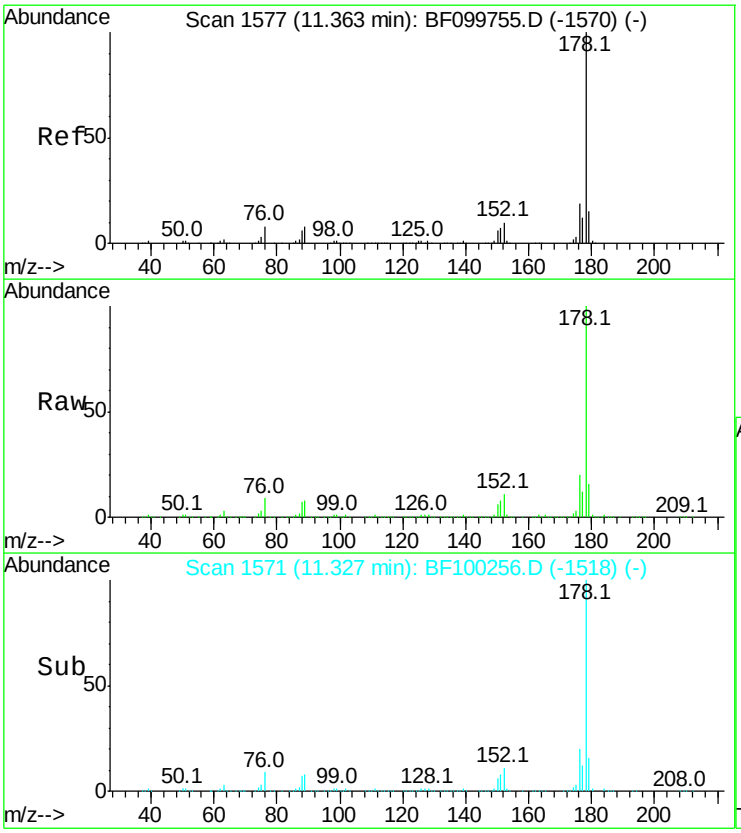
#65
n-Nitrosodiphenylamine
Concen: 2.474 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 24851

Ion	Ratio	Lower	Upper
169	100		
168	37.0	54.4	81.6#
167	25.6	29.8	44.6#

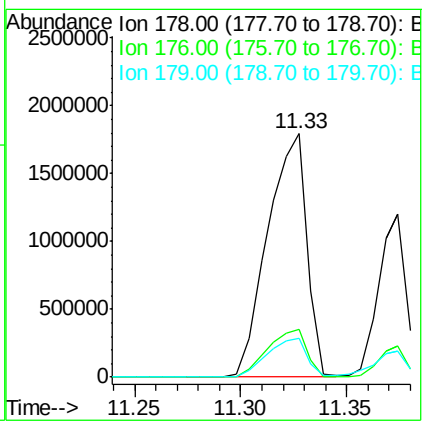


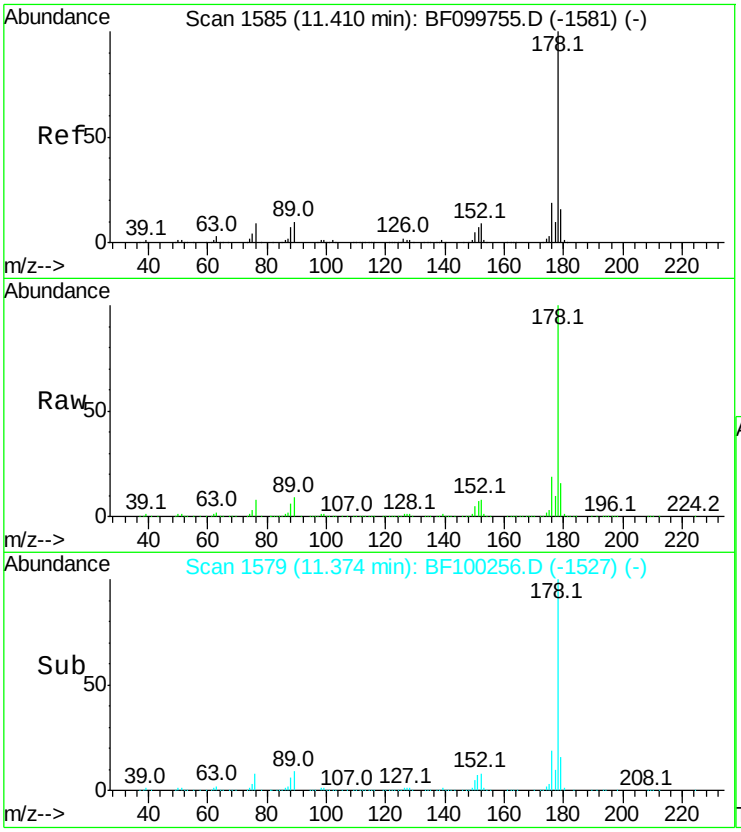


#70
Phenanthrene
Concen: 150.920 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:178 Resp: 2317859

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.9	13.0	19.6



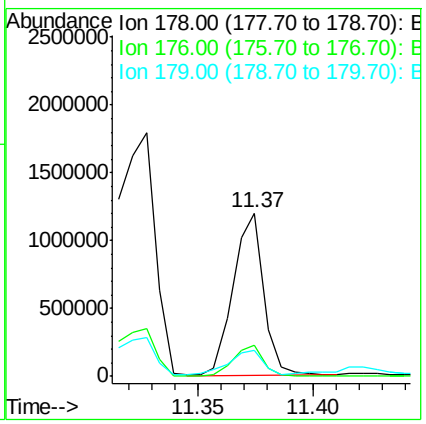


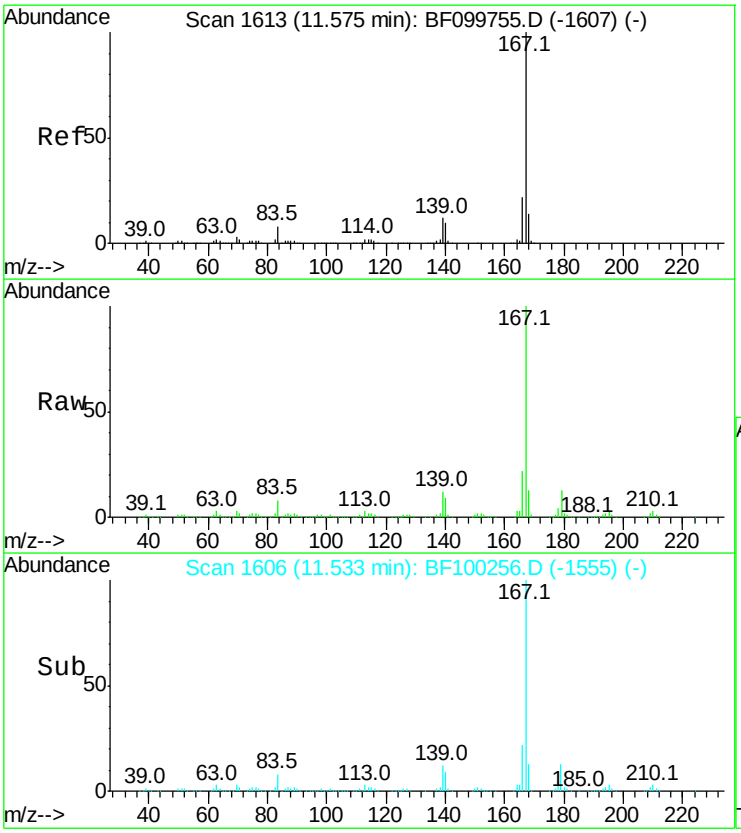
#71
Anthracene
Concen: 70.646 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1101329

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.9	12.6	19.0

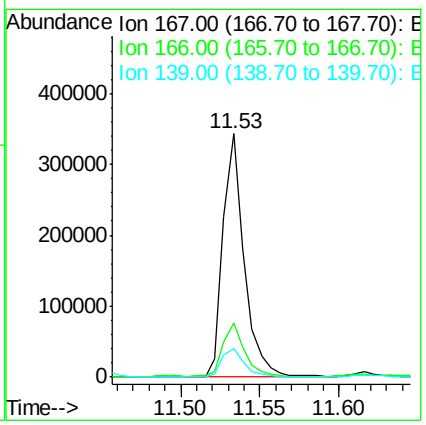


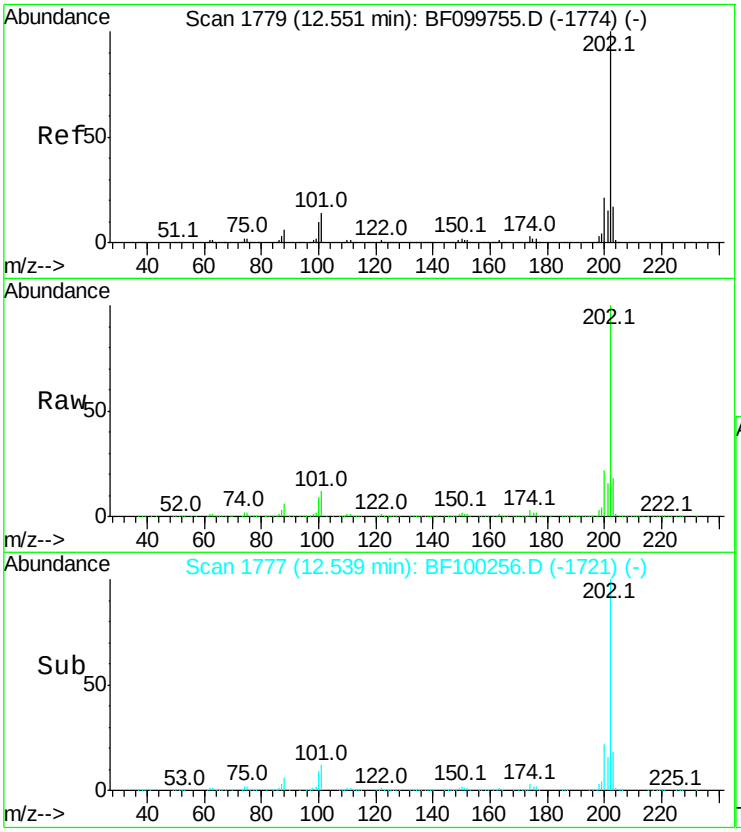


#72
Carbazole
Concen: 21.317 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:167 Resp: 312513

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.0	10.9	16.3



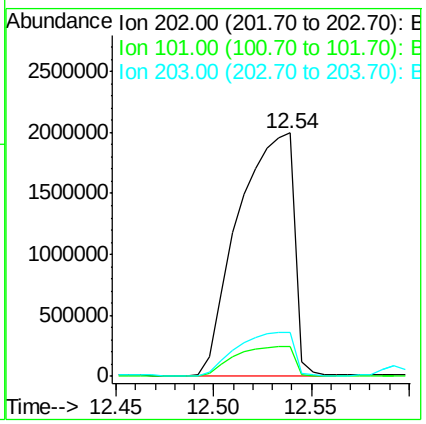


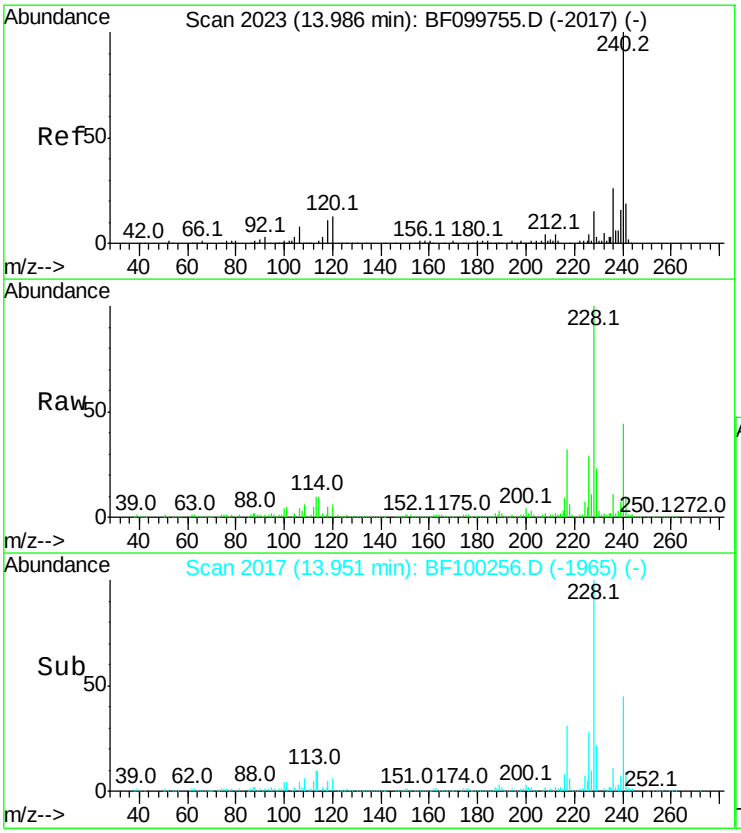
#74
Fluoranthene
Concen: 248.097 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.03 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3959791

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.1	0.0	38.1

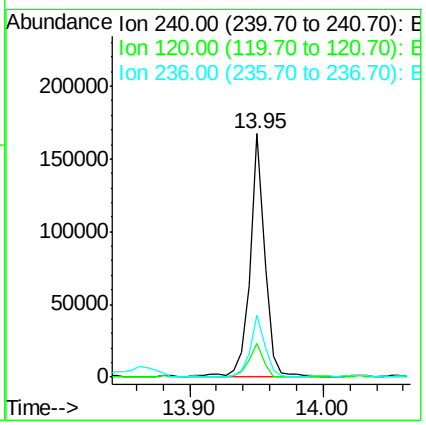


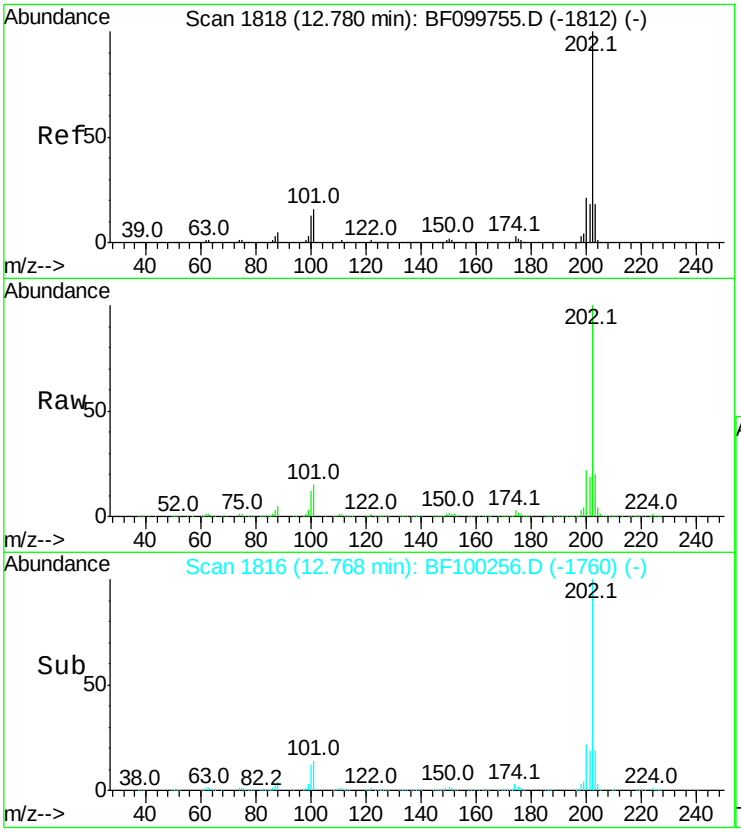


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:240 Resp: 122480

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.7	20.7	31.1



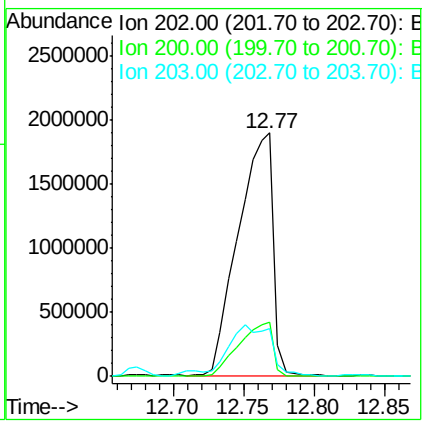


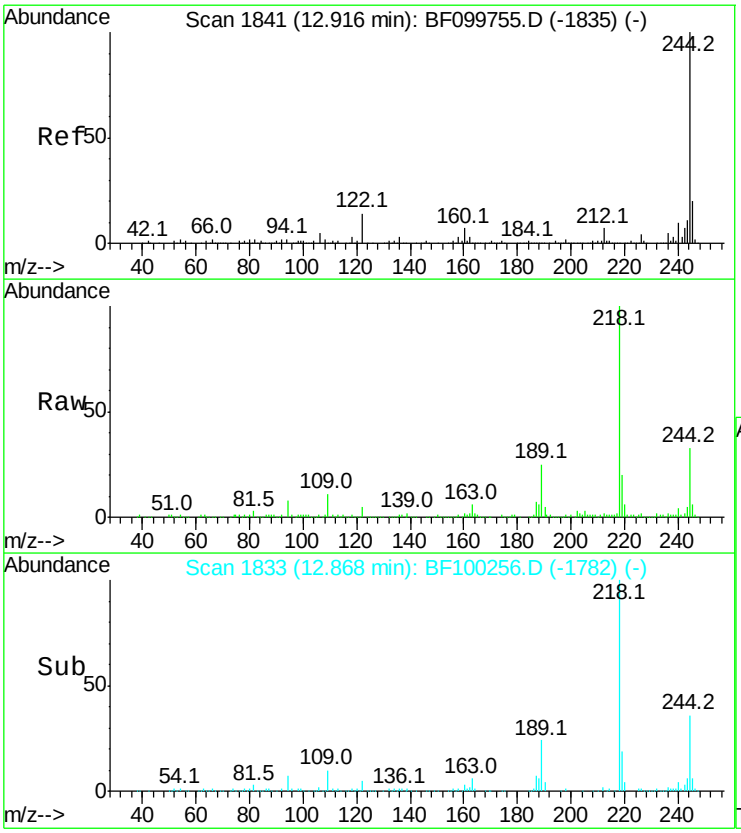
#77
Pyrene
Concen: 351.266 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.03 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 3271446

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	19.5	14.3	21.5

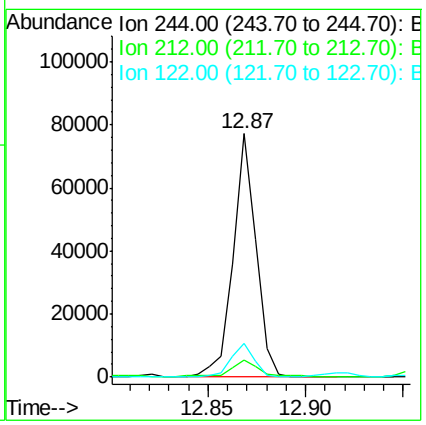


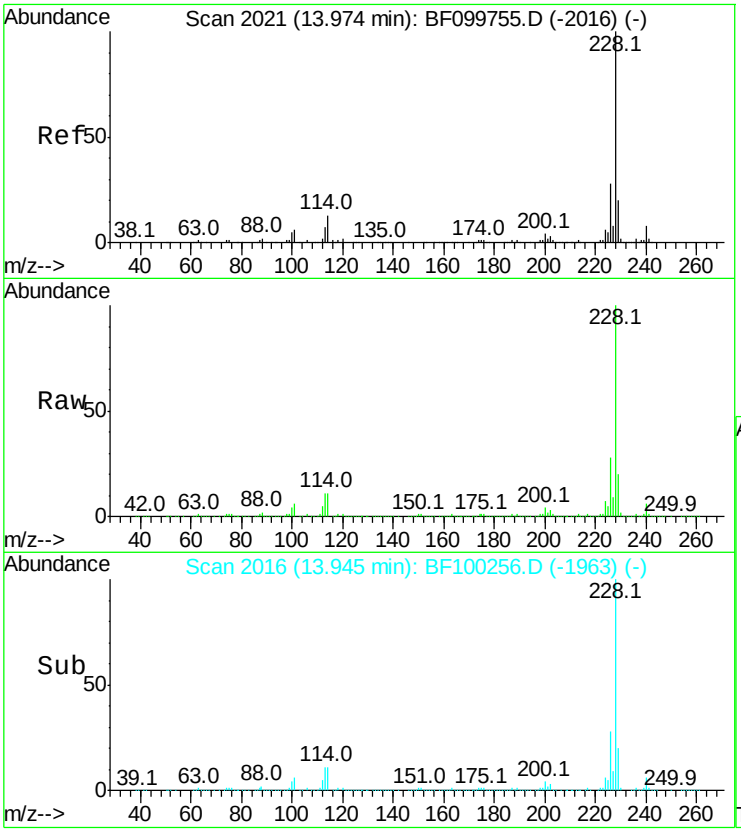


#78
Terphenyl-d14
Concen: 11.208 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:244 Resp: 62817

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.9	11.0	16.4



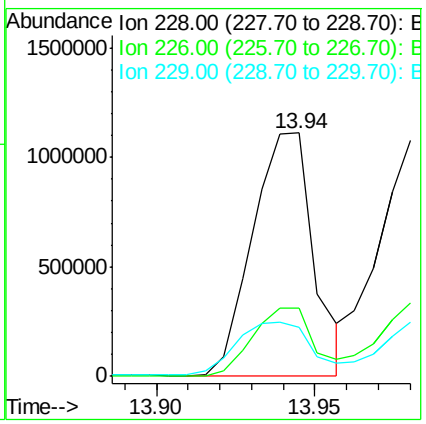


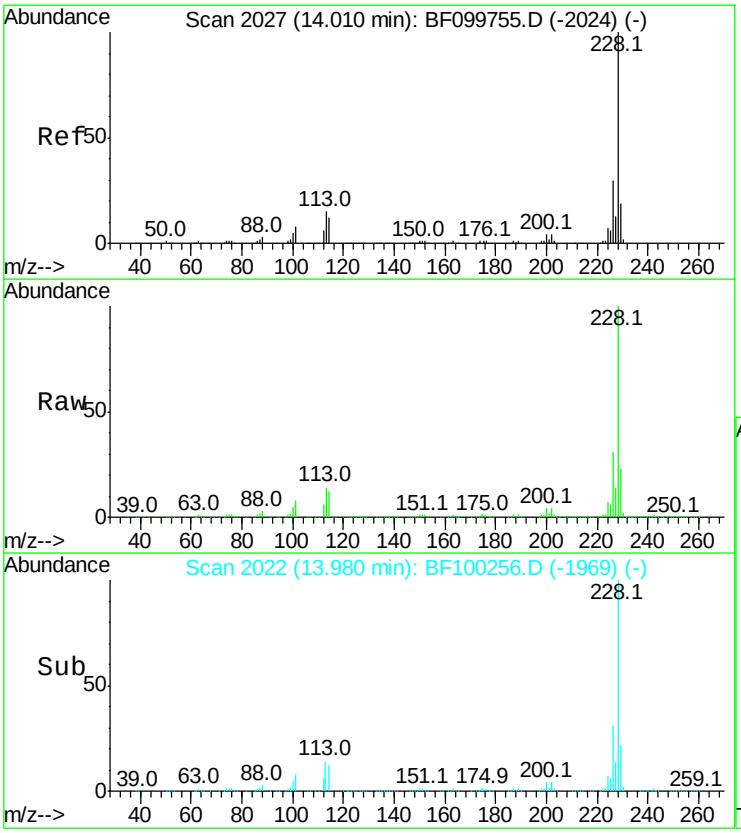
#80
Benzo(a)anthracene
Concen: 191.073 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1483565

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6

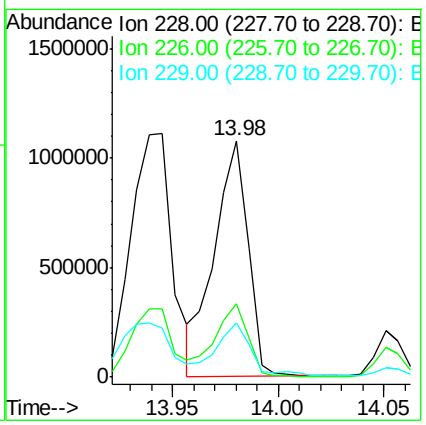


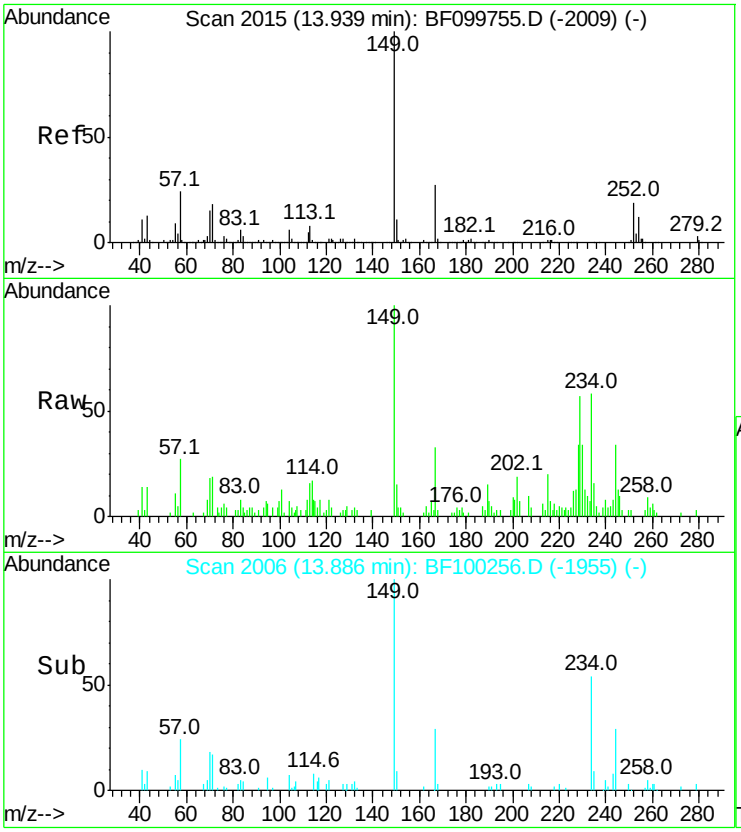


#82
Chrysene
Concen: 162.285 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:228 Resp: 1184607

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.6	16.2	24.4



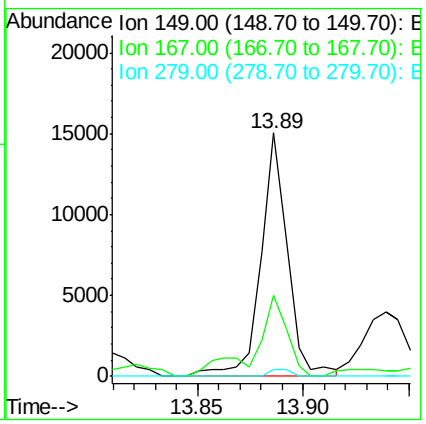


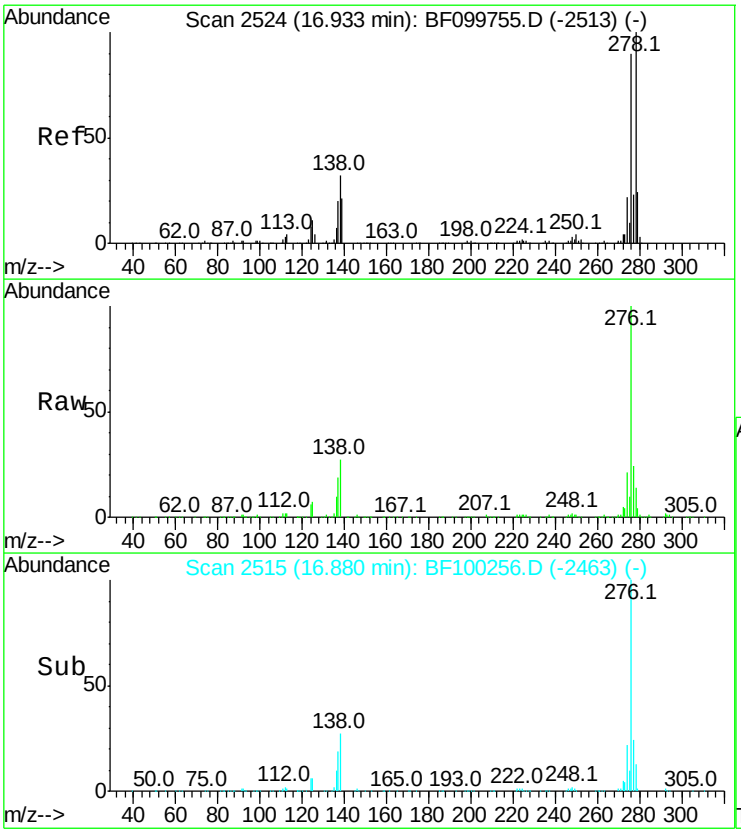
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.067 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 13310

Ion	Ratio	Lower	Upper
149	100		
167	33.5	21.3	31.9#
279	2.7	3.0	4.4#

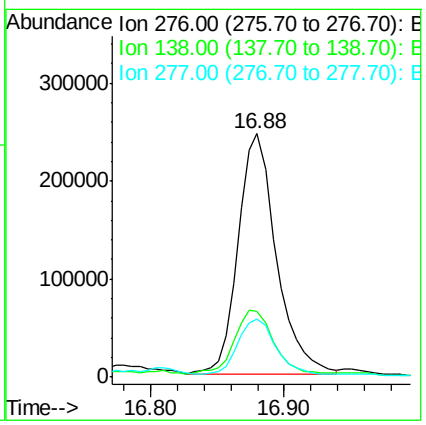


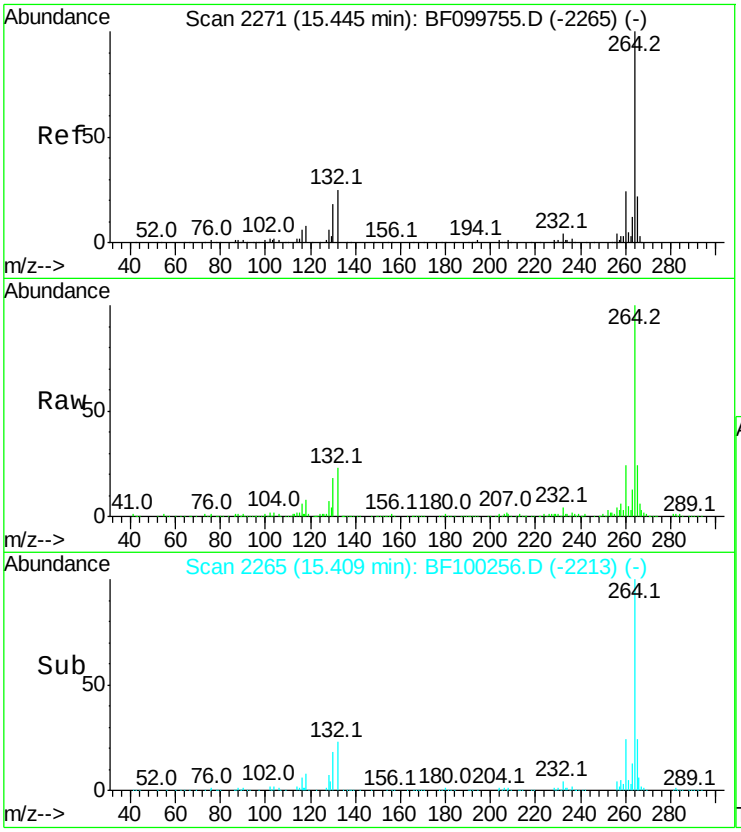


#85
Indeno(1,2,3-cd)pyrene
Concen: 72.086 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:276 Resp: 483061

Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	23.2	20.1	30.1



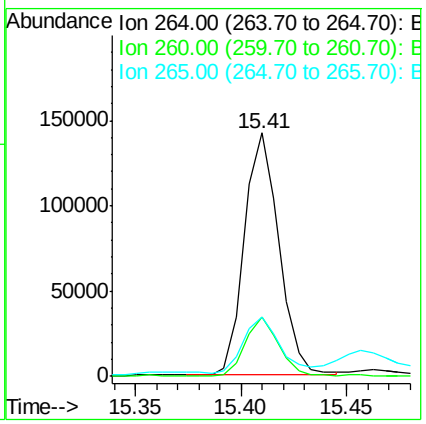


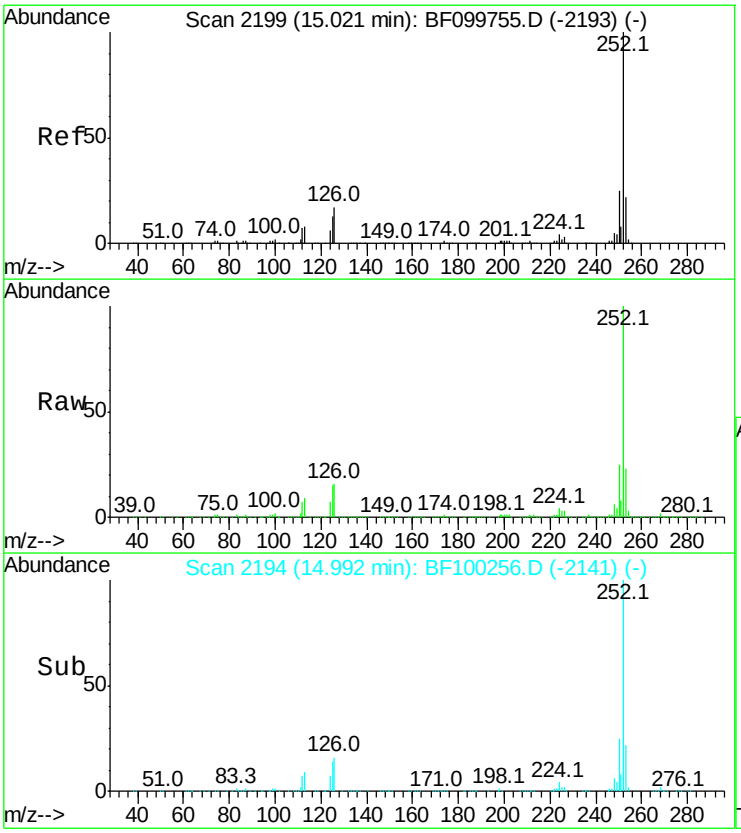
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 162501

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	24.3	17.5	26.3

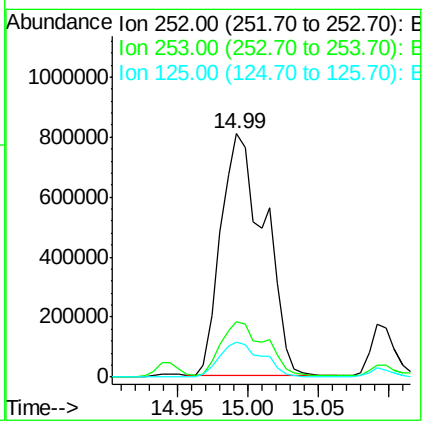


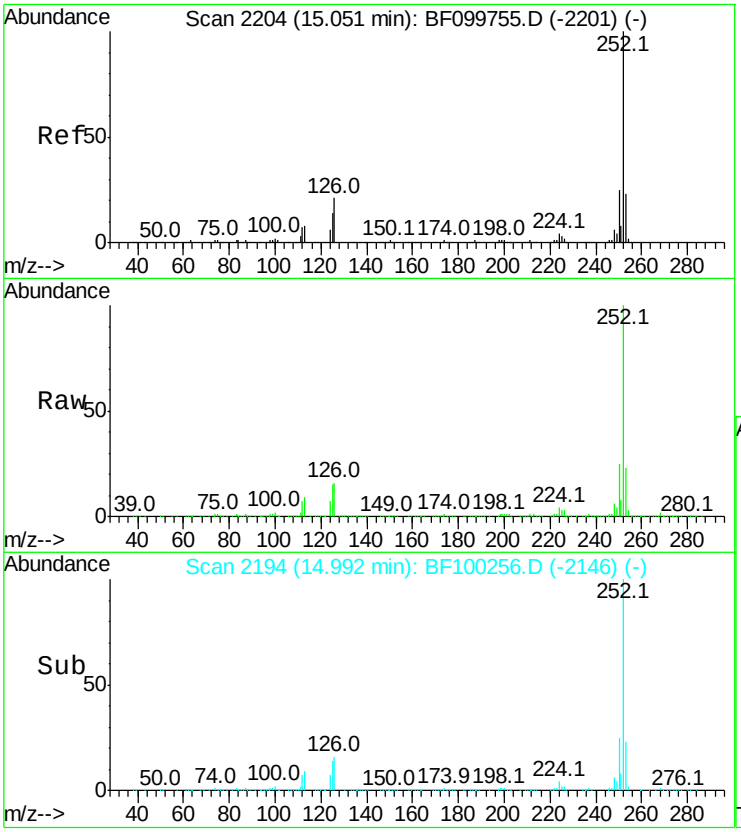


#87
Benzo(b)fluoranthene
Concen: 170.487 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:252 Resp: 1749399

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.6	9.0	13.6#



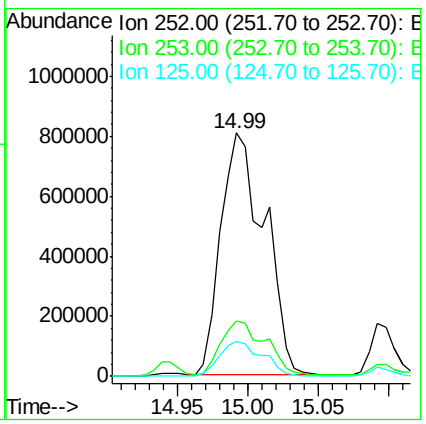


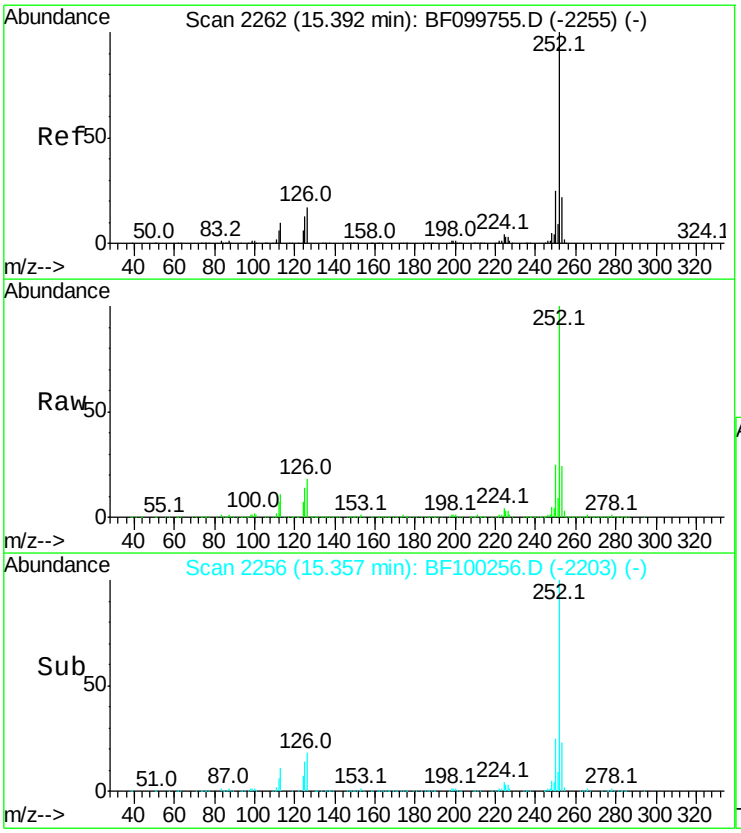
#88
Benzo(k)fluoranthene
Concen: 180.799 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1749399

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.6	10.2	15.2

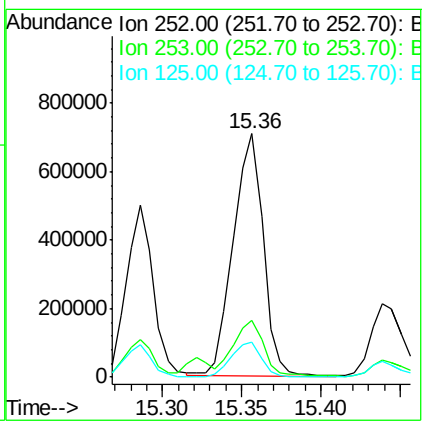


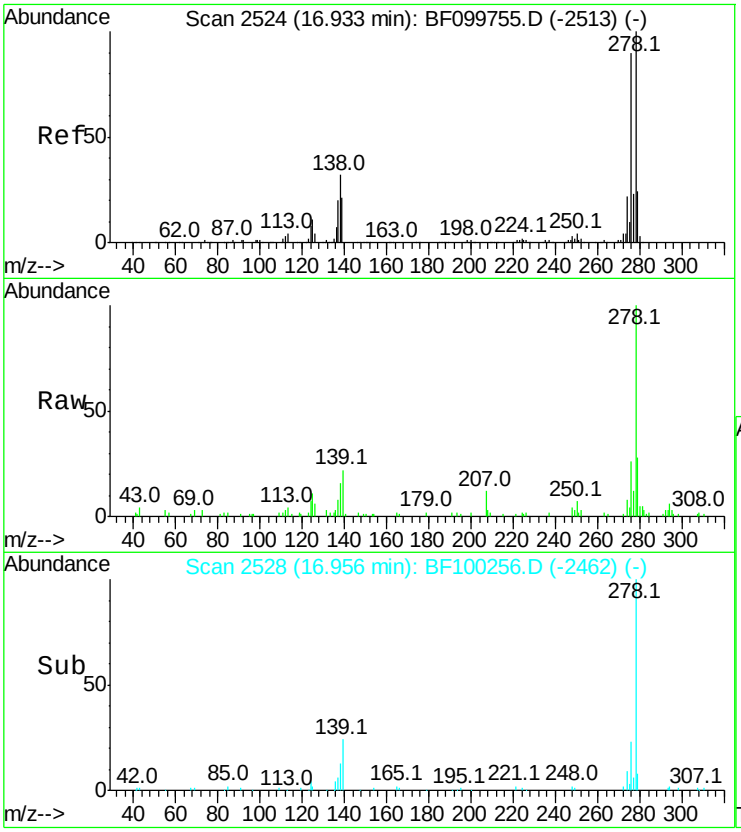


#89
Benzo(a)pyrene
Concen: 101.304 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:252 Resp: 933761

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	14.4	9.8	14.6



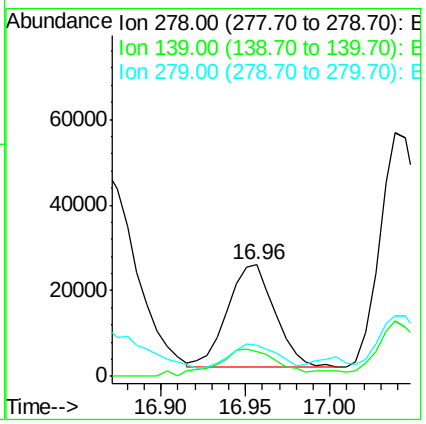


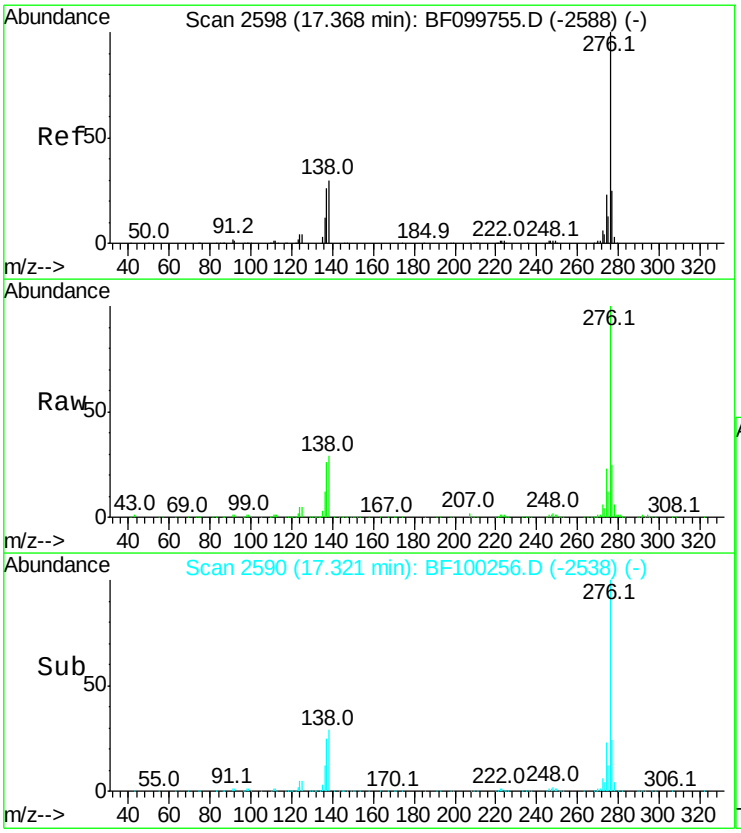
#90
Dibenzo(a,h)anthracene
Concen: 5.704 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.09 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 46719

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.9	23.9
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 51.949 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF100256.D
Acq: 6 Nov 2017 17:45

Tgt Ion:276 Resp: 416268

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	29.2	21.8	32.8