Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100094.D
Acq On : 2 Nov 2017 19:28
Operator : SJ/JU
Sample : I6249-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 20:23:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81903	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	331908	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	150859	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	232359	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	151918	20.00	ng		-0.02
86) Perylene-d12	15.41	264	148981	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	493312	94.56	ng		0.00
7) Phenol-d6	6.42	99	586257	94.78	ng		-0.01
23) Nitrobenzene-d5	7.34	82	326704	63.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	118061	85.87	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	608794	62.26	ng		-0.01
78) Terphenyl-d14	12.88	244	391520	56.32	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.43	94	16142	2.377	ng	#	67
19) n-Nitroso-di-n-propylamine	7.34	70	40643	11.212	ng	#	70
25) Isophorone	7.34	82	326704	34.923	ng	#	64
49) Dimethylphthalate	9.52	163	109935	9.202	ng		99
50) 2,6-Dinitrotoluene	9.78	165	37518	14.939	ng	#	36
53) 2,4-Dinitrophenol	9.98	184	262	6.006	ng	#	1
56) 2,4-Dinitrotoluene	10.06	165	12455	4.118	ng	#	34
66) 4-Bromophenyl-phenylether	10.60	248	7490	3.062	ng	#	1
70) Phenanthrene	11.32	178	35085	2.676	ng		97
74) Fluoranthene	12.52	202	66045	4.846	ng		99
77) Pyrene	12.75	202	57616	4.988	ng		96
80) Benzo(a)anthracene	13.94	228	23888	2.480	ng		97
82) Chrysene	13.97	228	19988	2.208	ng		98
87) Benzo(b)fluoranthene	14.99	252	35702	3.795	ng	#	88
88) Benzo(k)fluoranthene	14.99	252	35702	4.025	ng	#	90
89) Benzo(a)pyrene	15.36	252	20285	2.400	ng	#	90

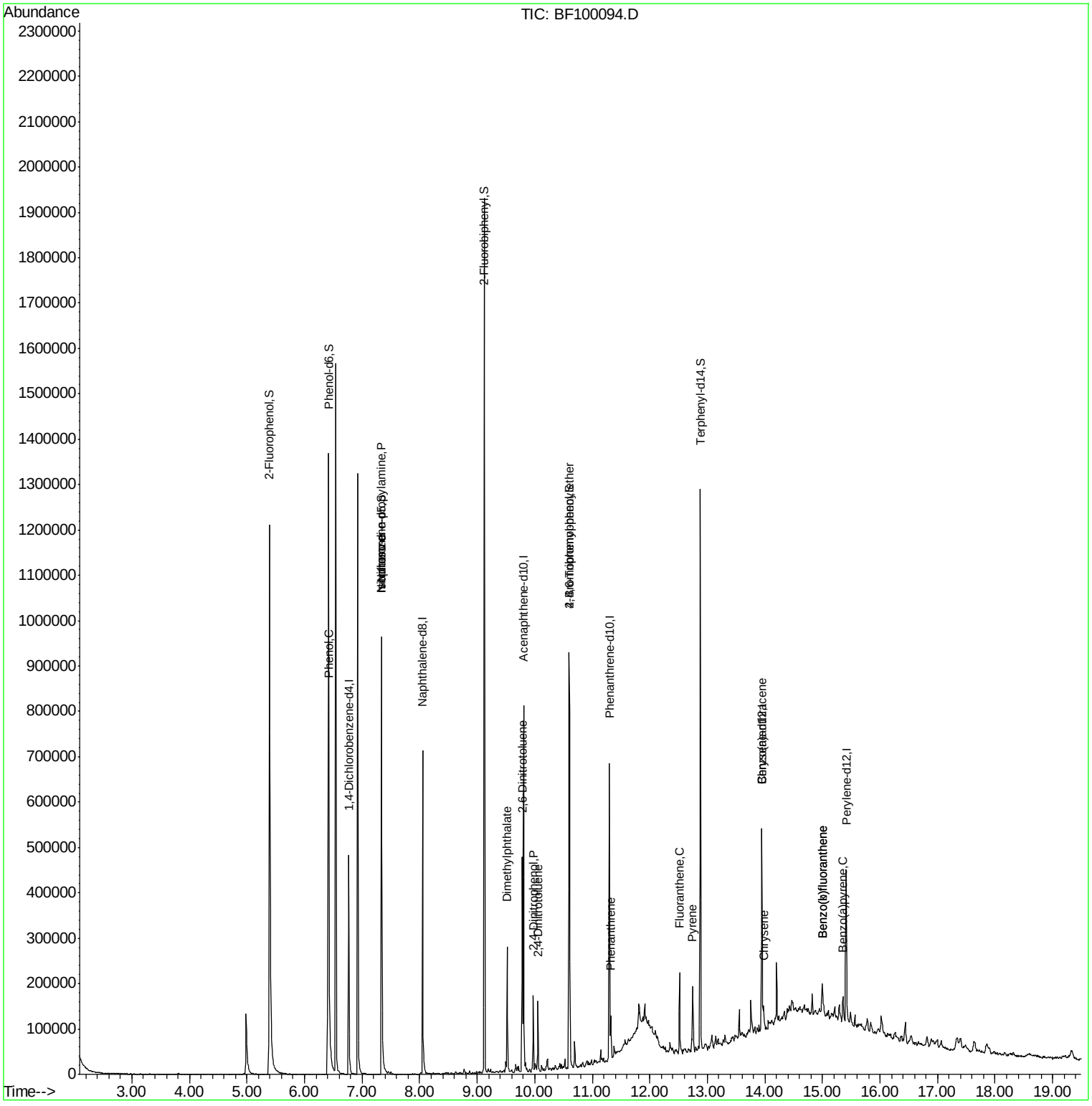
(#) = qualifier out of range (m) = manual integration (+) = signals summed

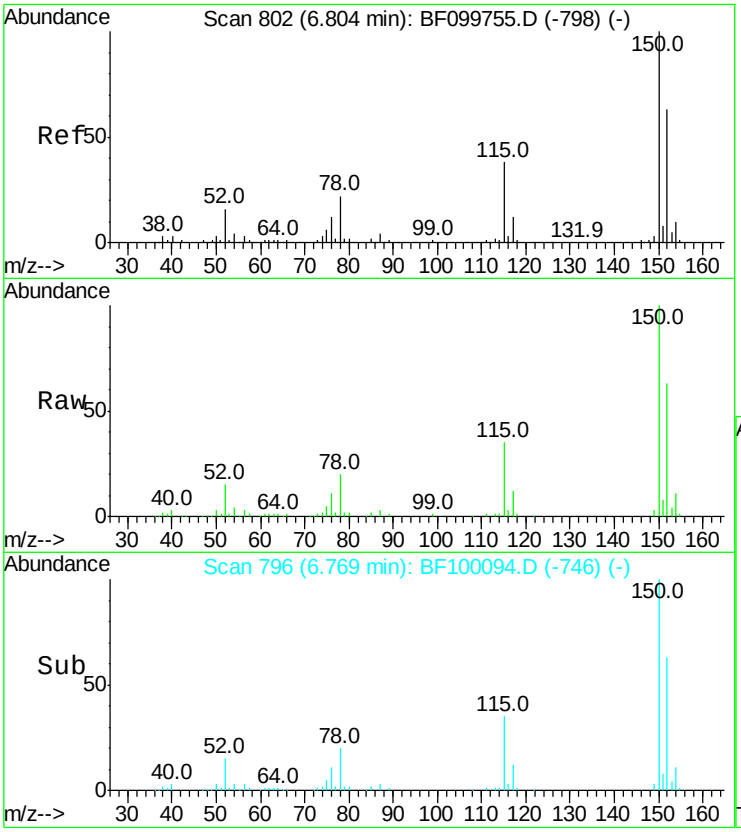
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100094.D
Acq On : 2 Nov 2017 19:28
Operator : SJ/JU
Sample : I6249-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 20:23:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



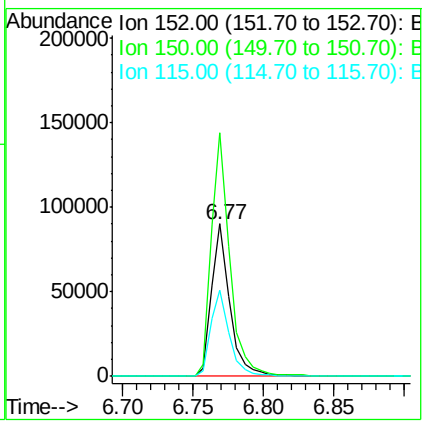


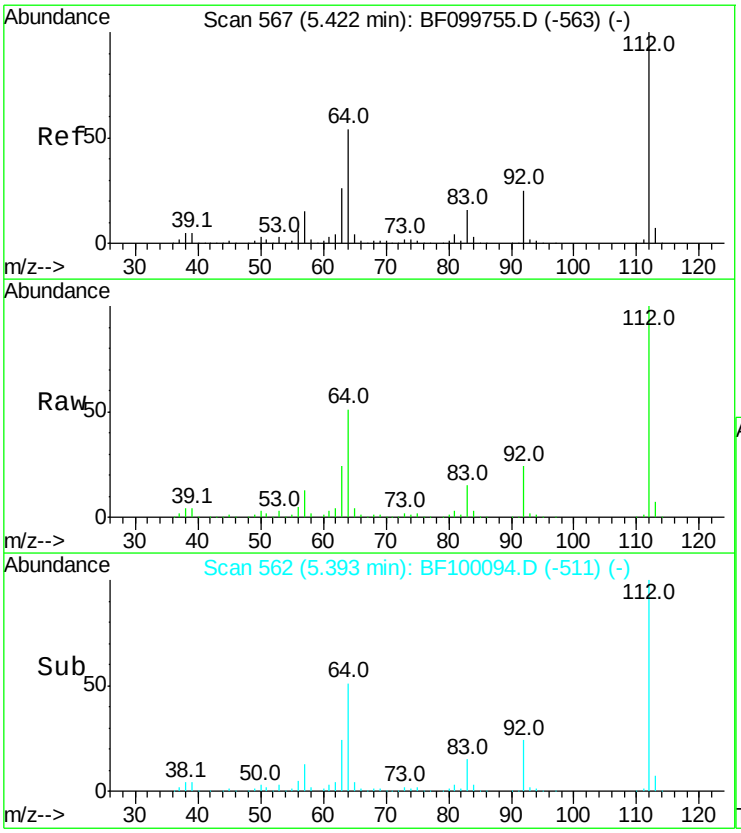
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 81903

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	56.3	50.1	75.1

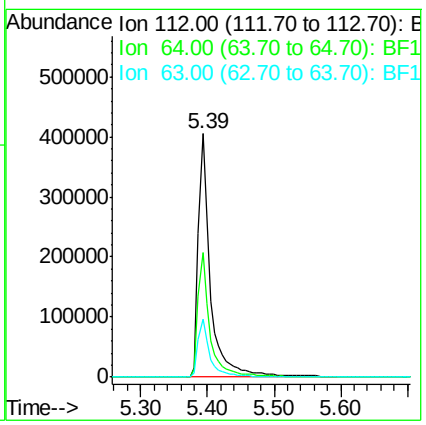


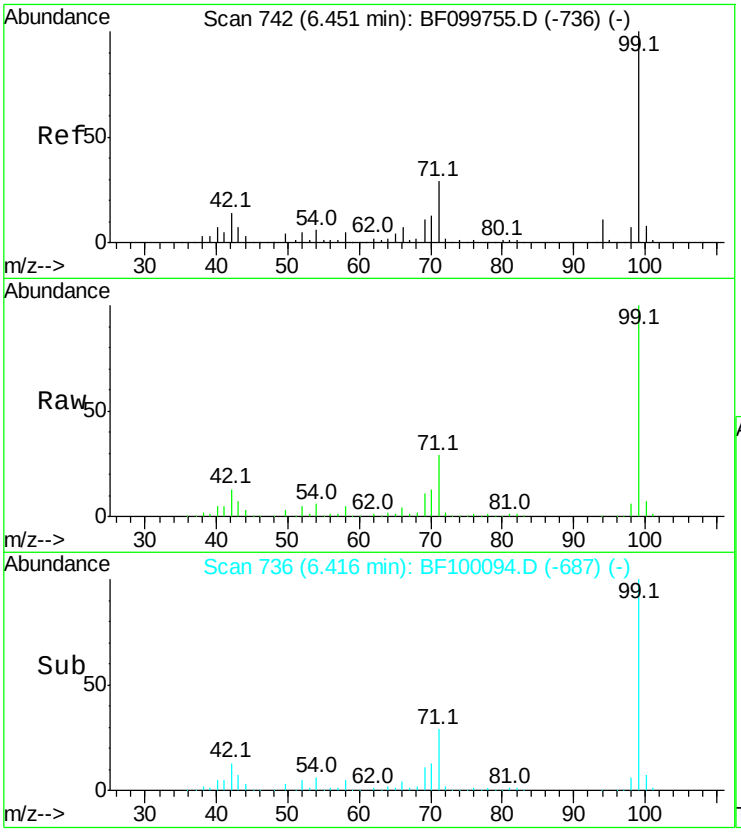


#5
2-Fluorophenol
Concen: 94.561 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:112 Resp: 493312

Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	23.9	23.7	35.5



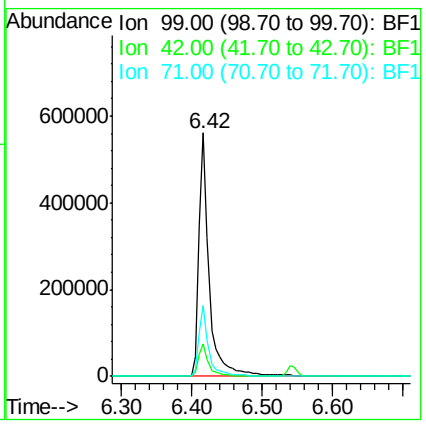


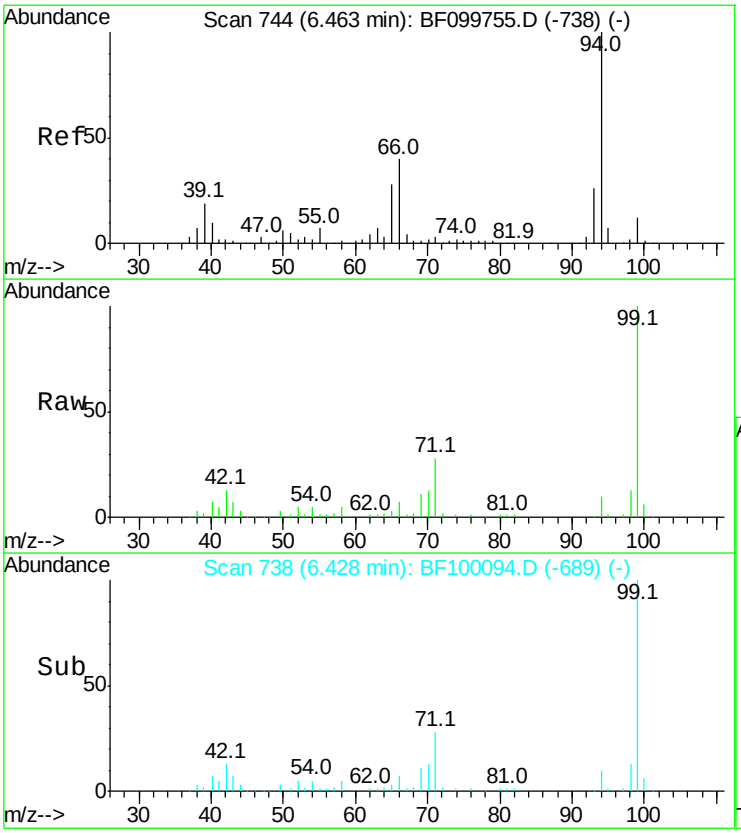
#7
Phenol-d6
Concen: 94.776 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 586257

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.5	21.7#
71	28.9	25.4	38.0

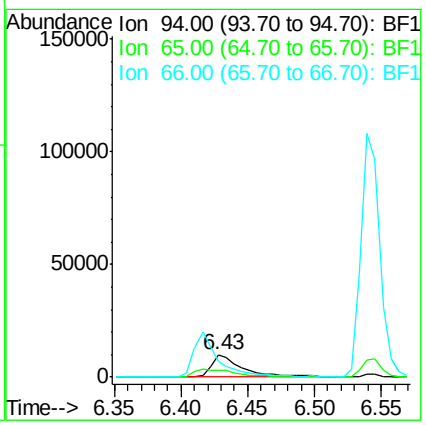


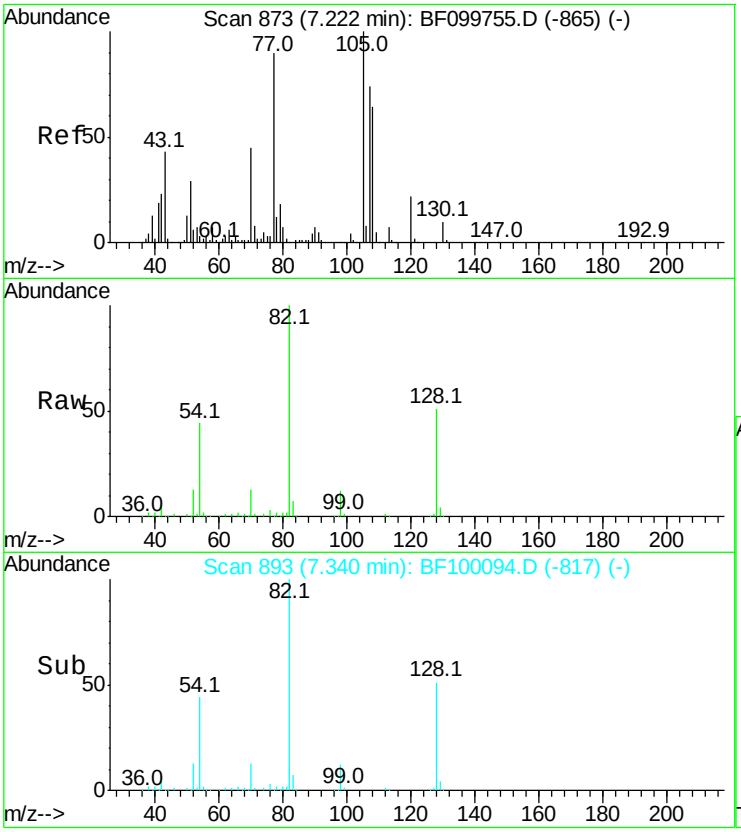


#10
Phenol
Concen: 2.377 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion: 94 Resp: 16142

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	70.4	16.2	56.2#



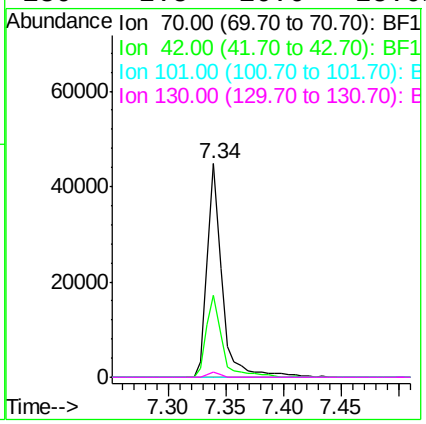


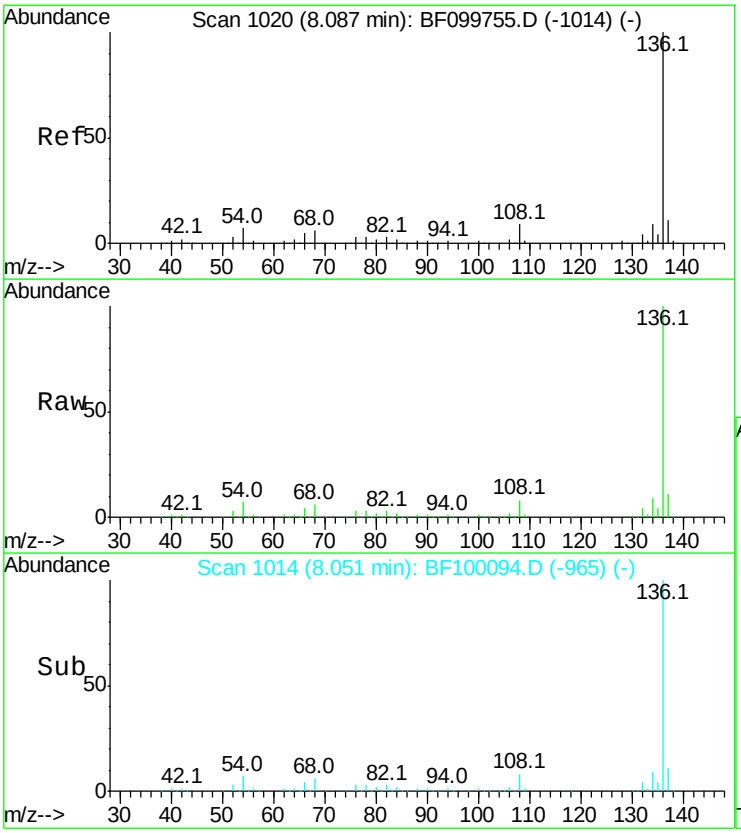
#19
n-Nitroso-di-n-propylamine
Concen: 11.212 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 40643

Ion	Ratio	Lower	Upper
70	100		
42	38.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

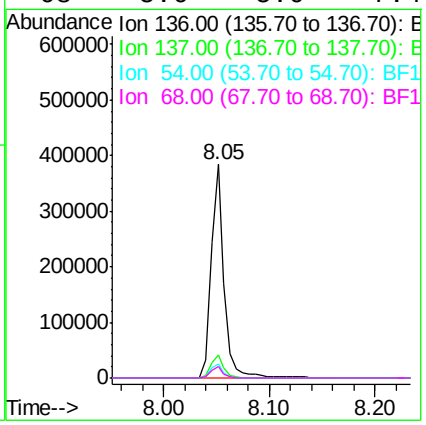


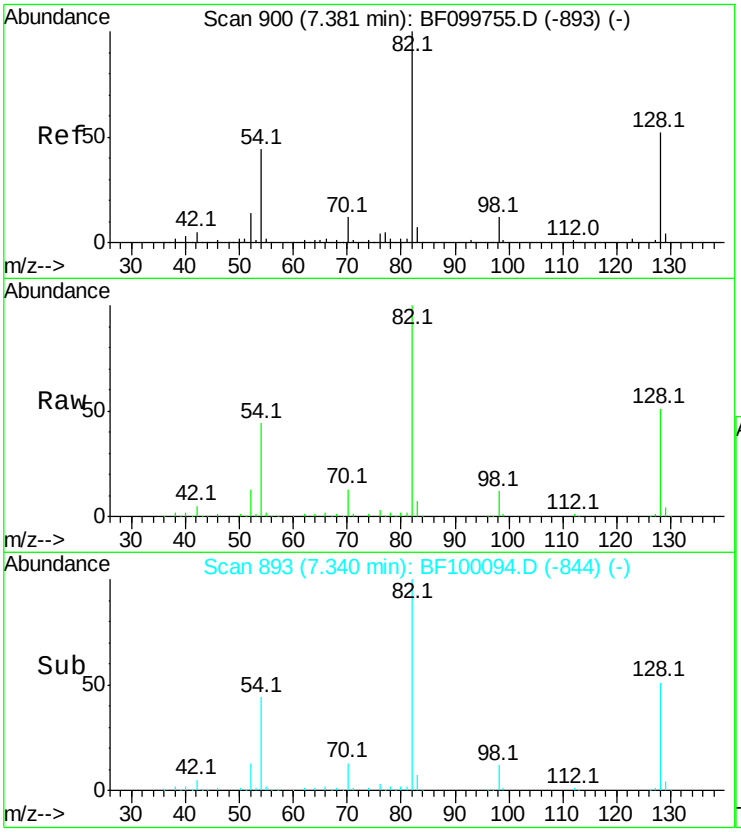


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:136 Resp: 331908

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4



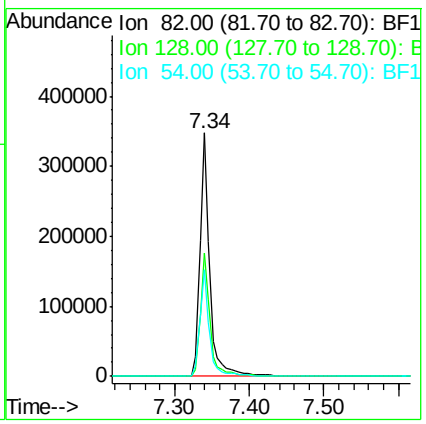


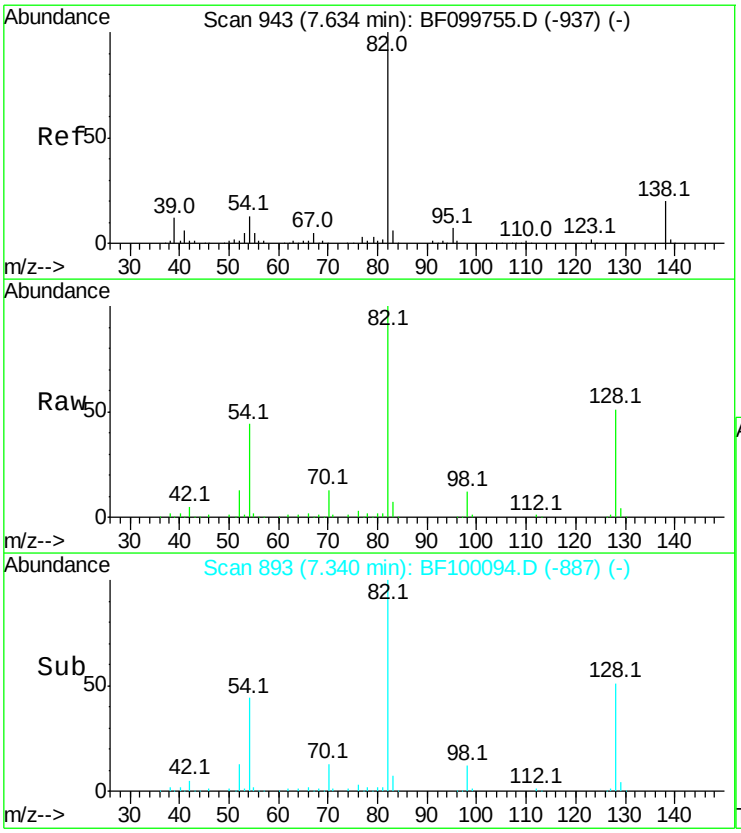
#23
Nitrobenzene-d5
Concen: 63.371 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 326704

Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	43.7	41.4	62.2

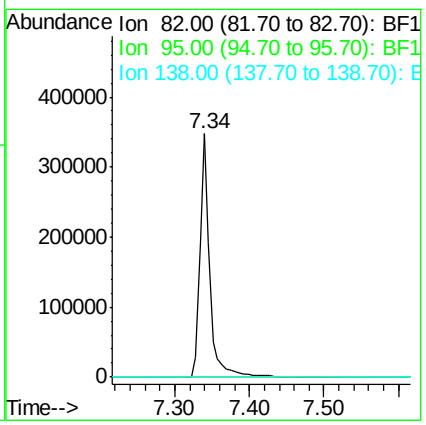


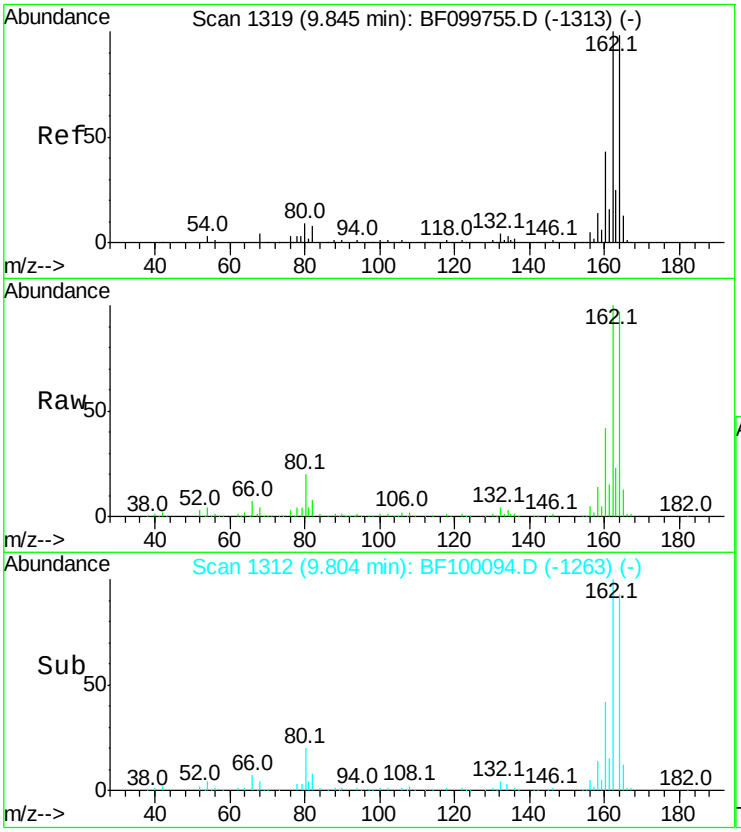


#25
Isophorone
Concen: 34.923 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion: 82 Resp: 326704

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

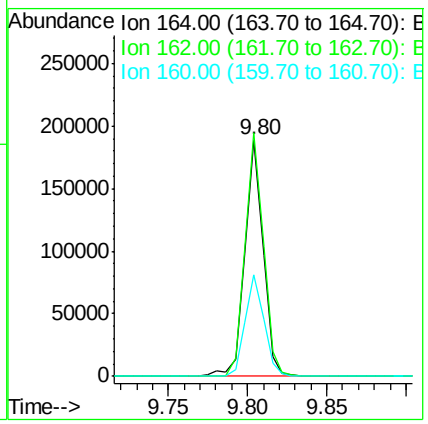




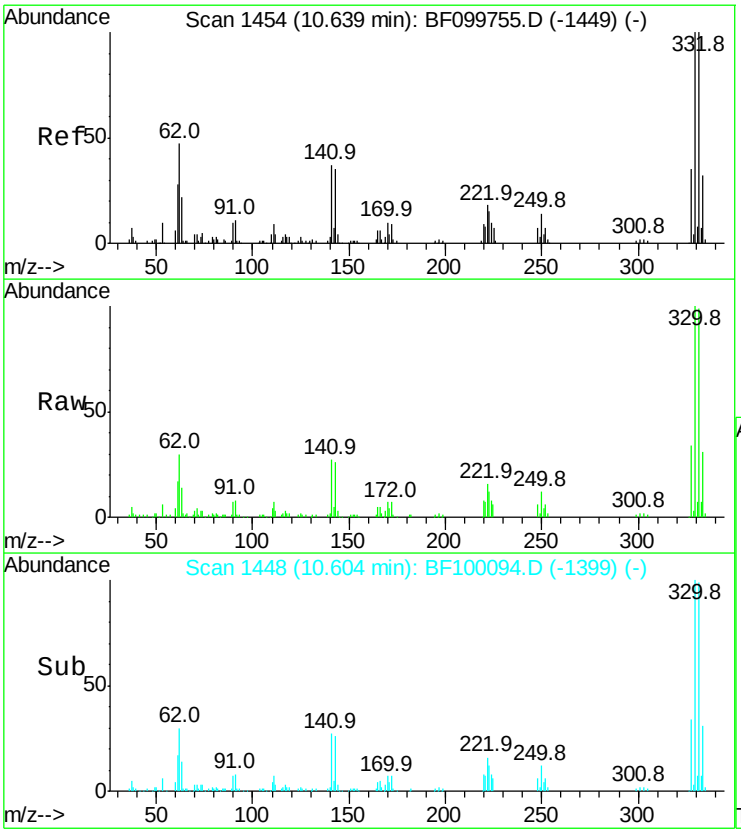
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:164 Resp: 150859

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	43.1	38.3	57.5



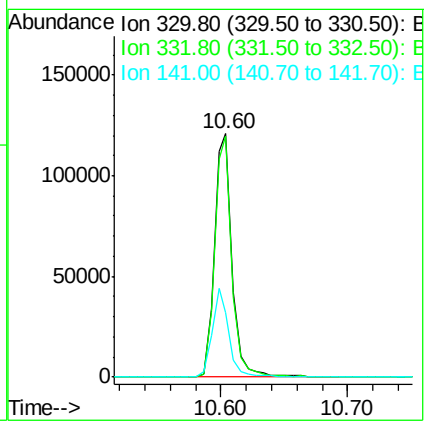
Instrument :
BNA_F
ClientSampleId :

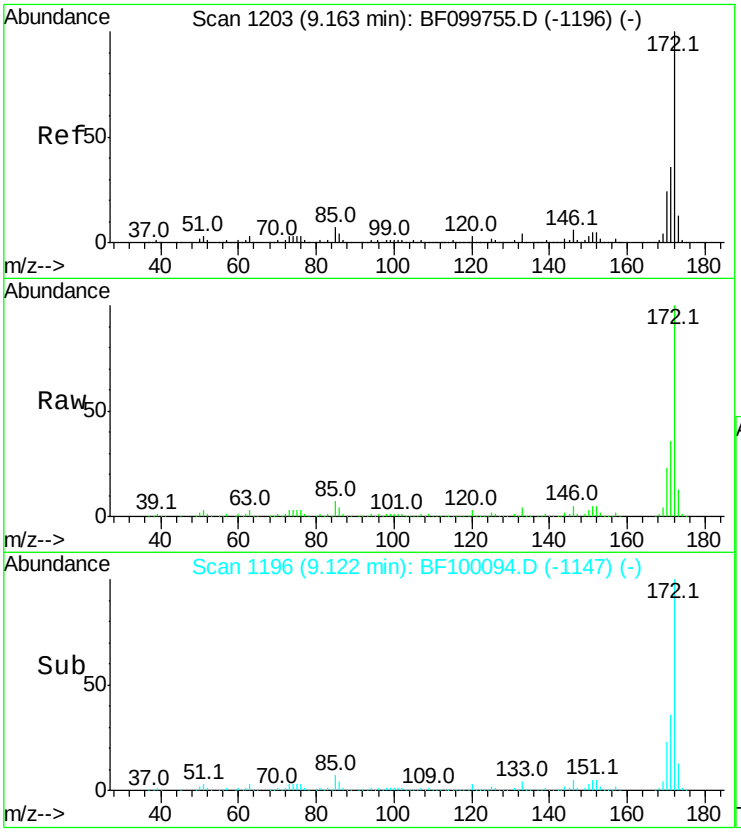


#41
2,4,6-Tribromophenol
Concen: 85.875 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:330 Resp: 118061

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.7	29.9	44.9



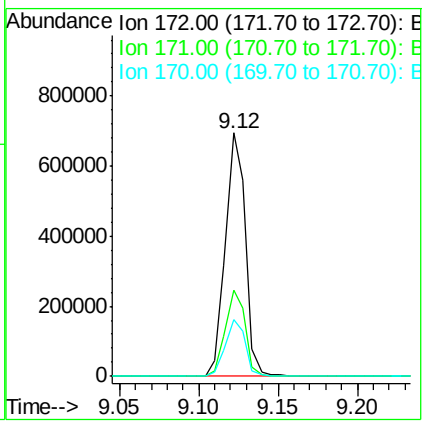


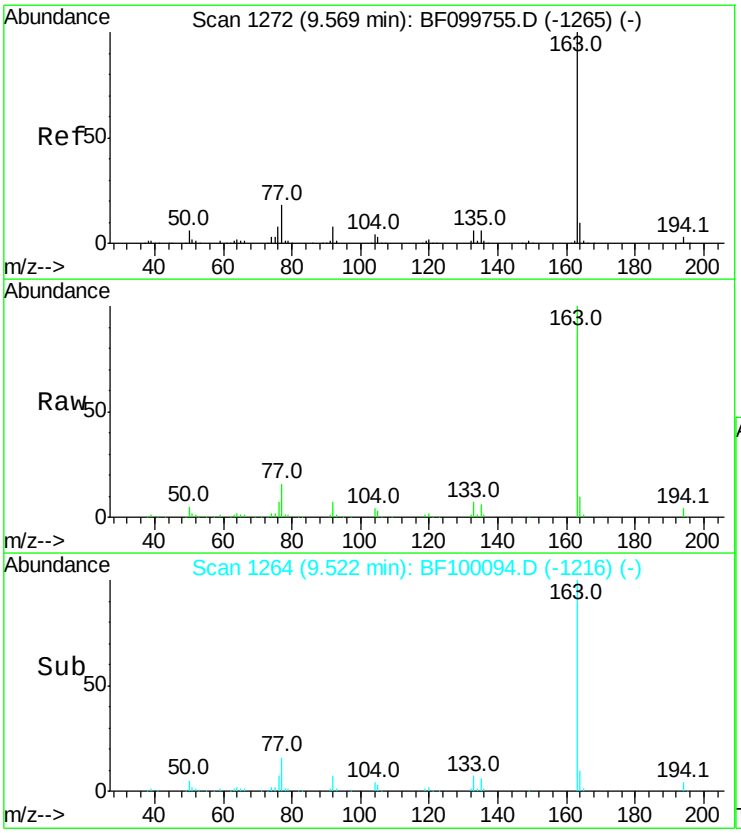
#44
2-Fluorobiphenyl
Concen: 62.262 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 608794

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.2	19.6	29.4

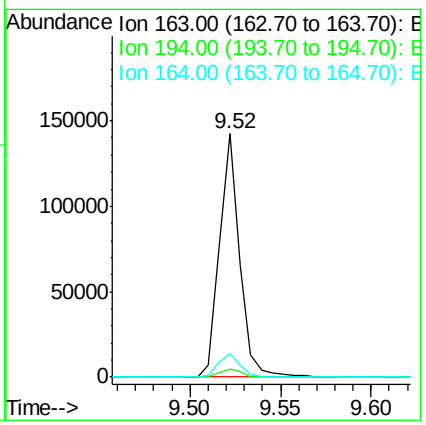


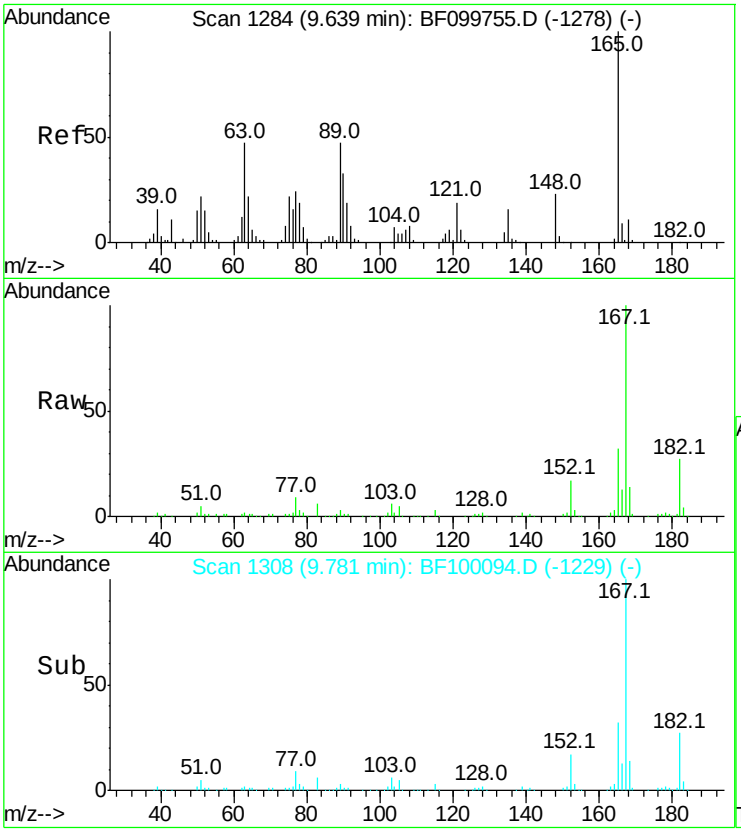


#49
Dimethylphthalate
Concen: 9.202 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:163 Resp: 109935

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2



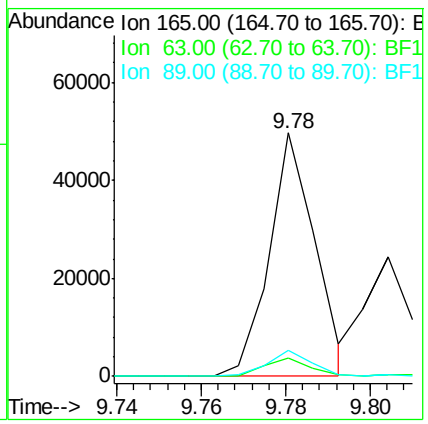


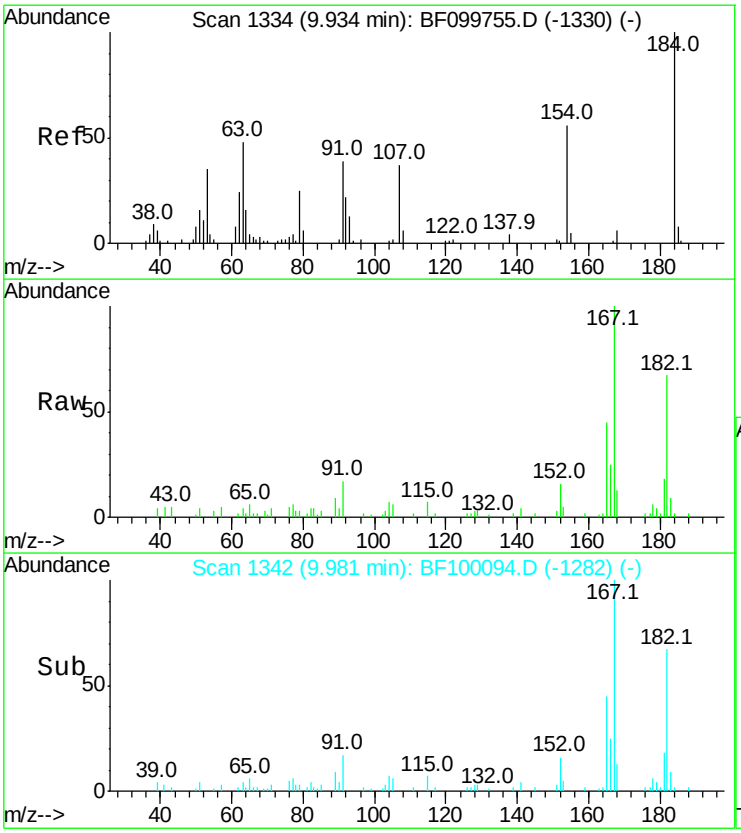
#50
2,6-Dinitrotoluene
Concen: 14.939 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.16 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37518

Ion	Ratio	Lower	Upper
165	100		
63	7.4	44.7	67.1#
89	10.7	44.0	66.0#

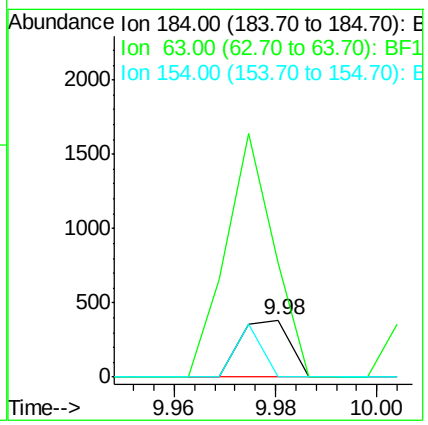


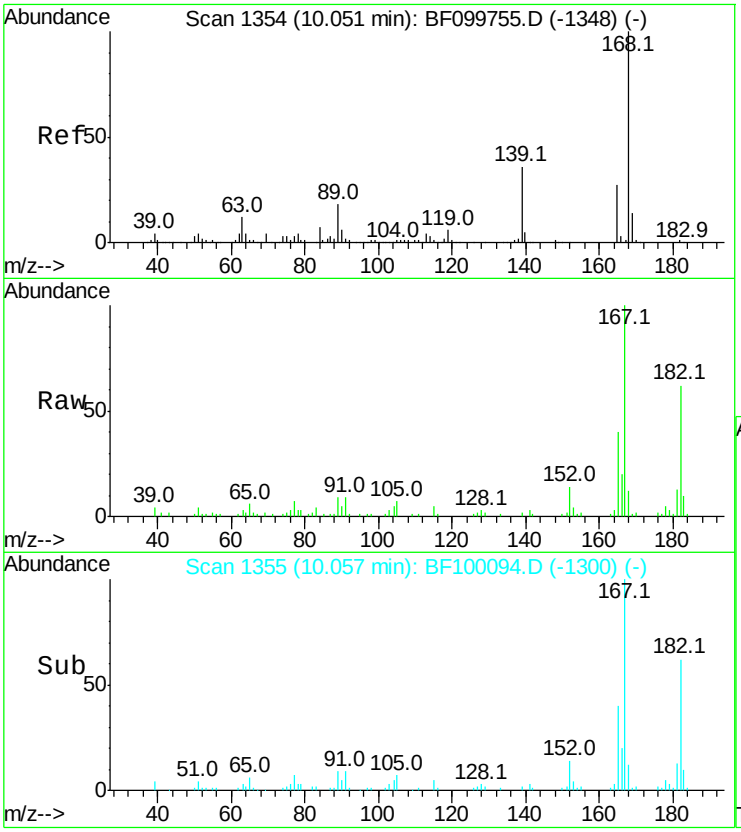


#53
2,4-Dinitrophenol
Concen: 6.006 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.05 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:184 Resp: 262

Ion	Ratio	Lower	Upper
184	100		
63	201.3	54.2	81.2#
154	0.0	53.5	80.3#



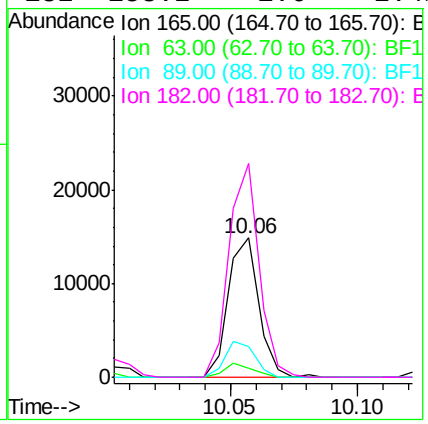


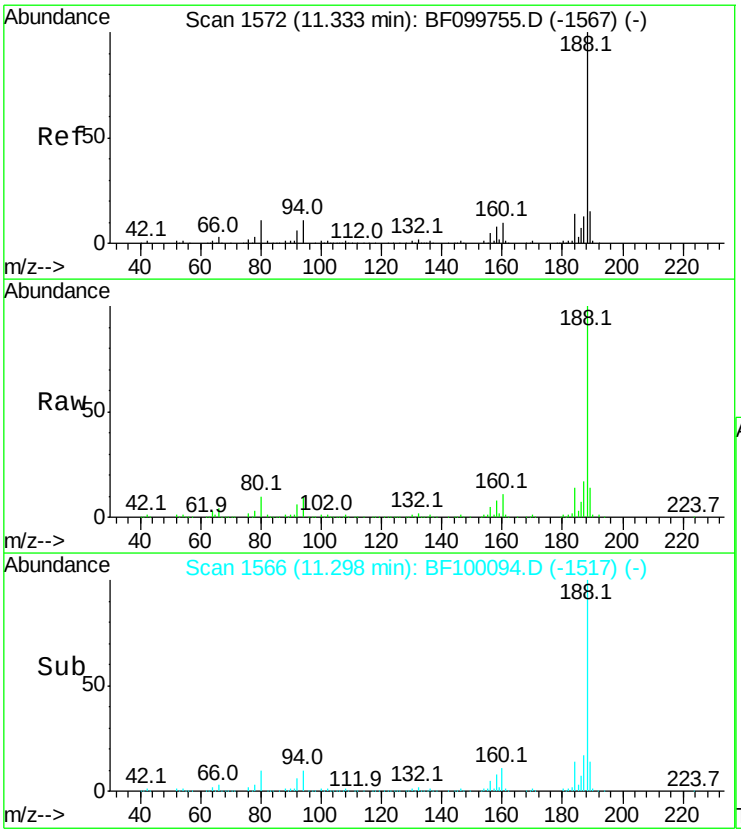
#56
2,4-Dinitrotoluene
Concen: 4.118 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12455

Ion	Ratio	Lower	Upper
165	100		
63	6.8	36.4	54.6#
89	21.8	57.8	86.6#
182	153.2	1.6	2.4#

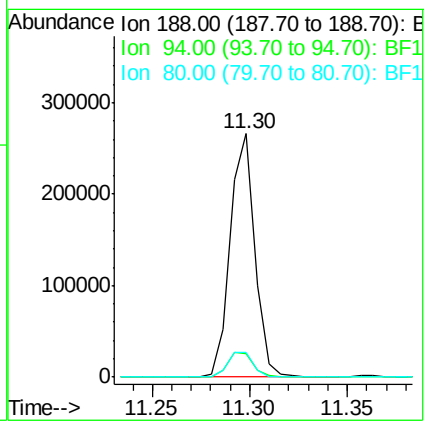


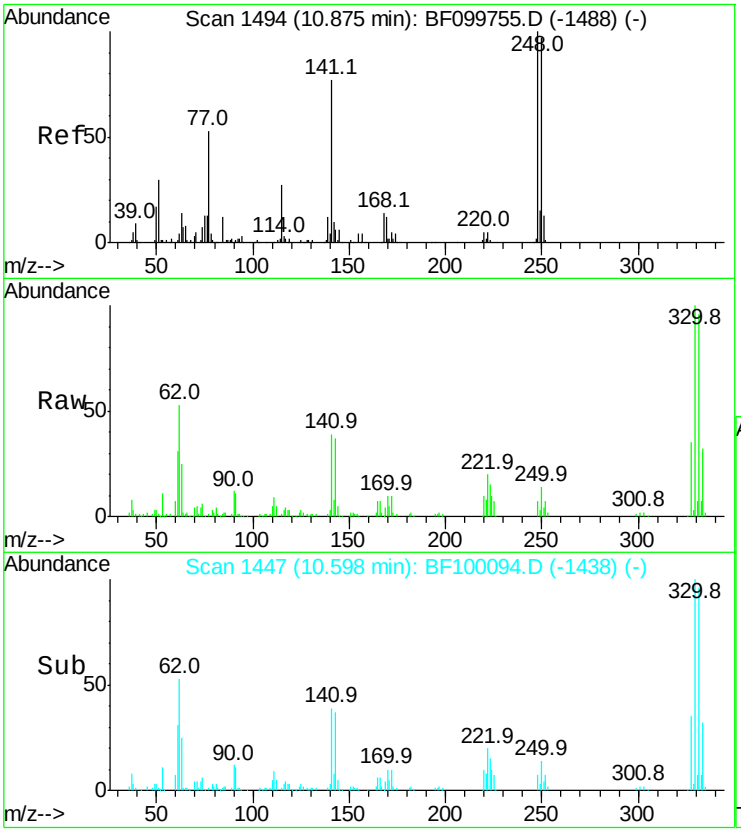


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:188 Resp: 232359

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8



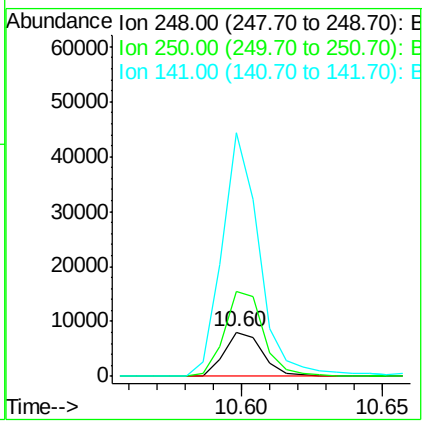


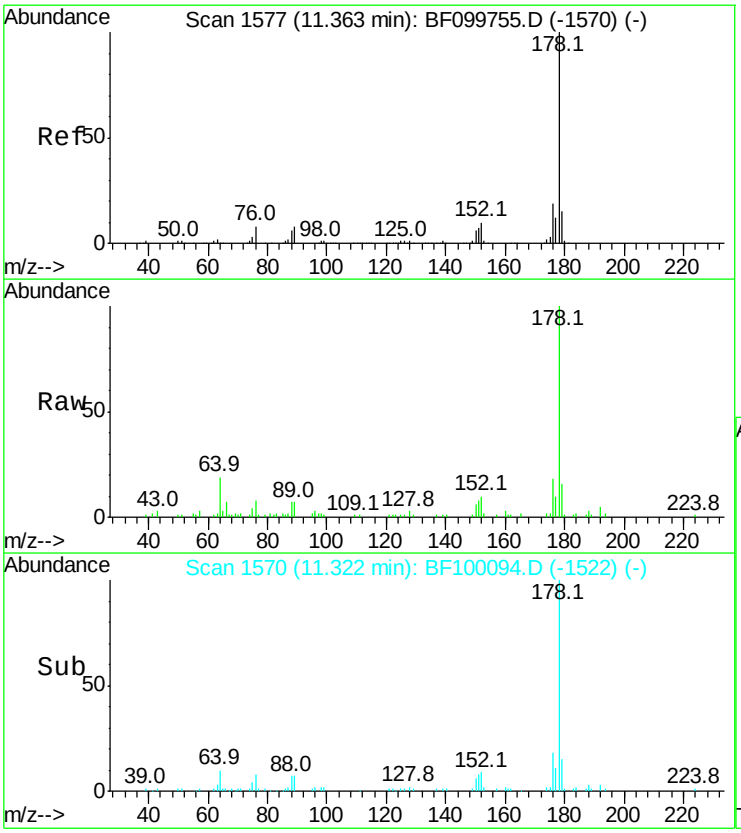
#66
4-Bromophenyl-phenylether
Concen: 3.062 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7490

Ion	Ratio	Lower	Upper
248	100		
250	194.4	76.9	115.3#
141	554.5	74.4	111.6#

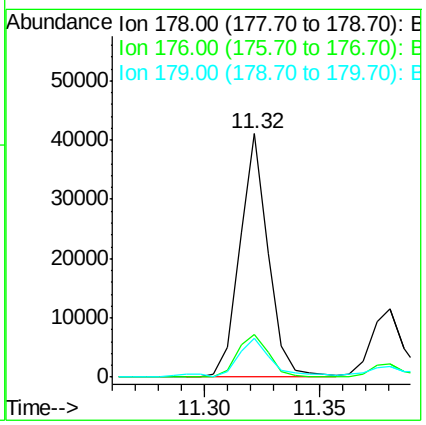


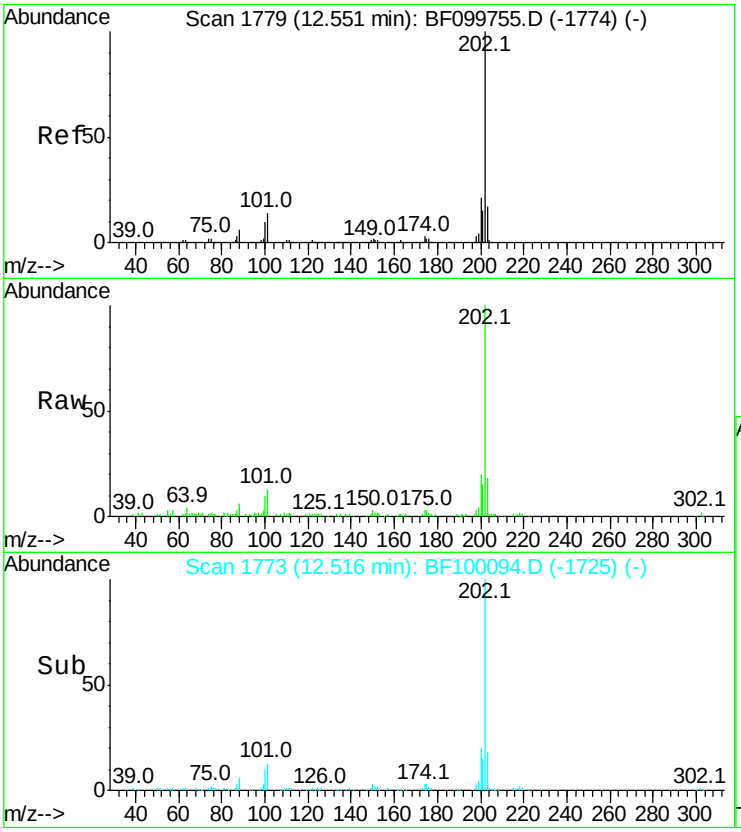


#70
Phenanthrene
Concen: 2.676 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:178 Resp: 35085

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	15.8	13.0	19.6



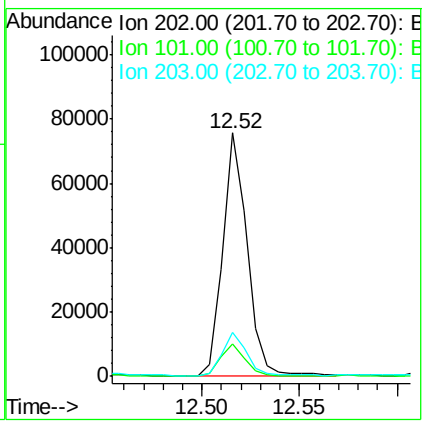


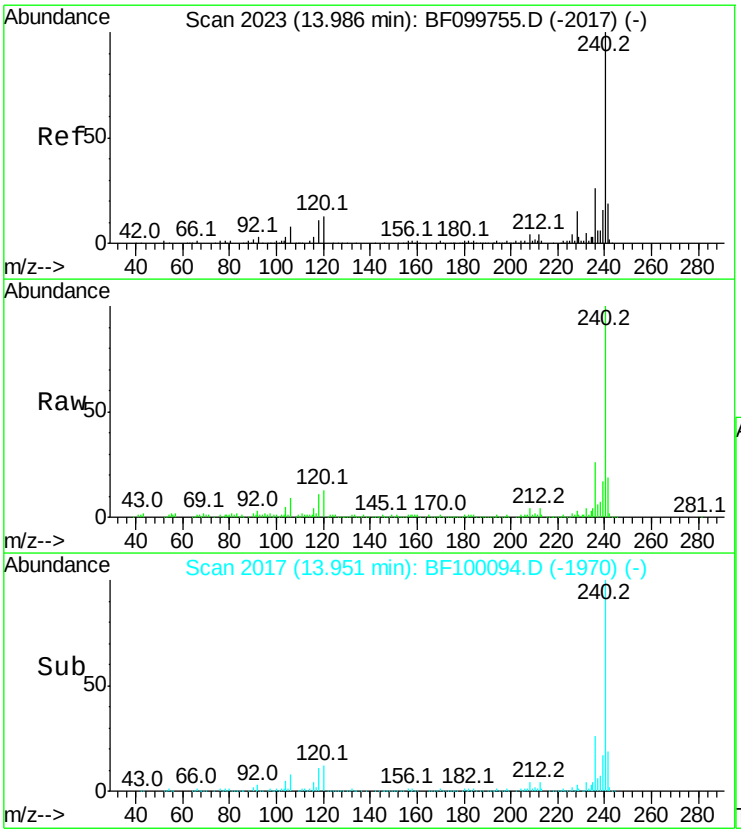
#74
Fluoranthene
Concen: 4.846 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66045

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.1	0.0	38.1

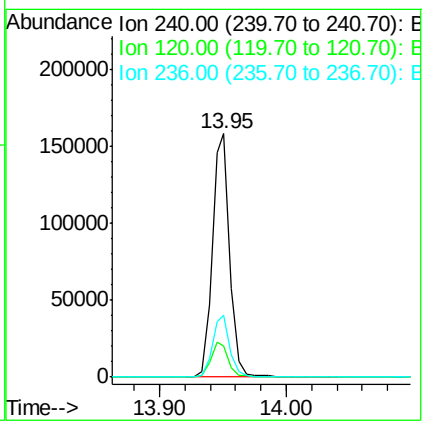


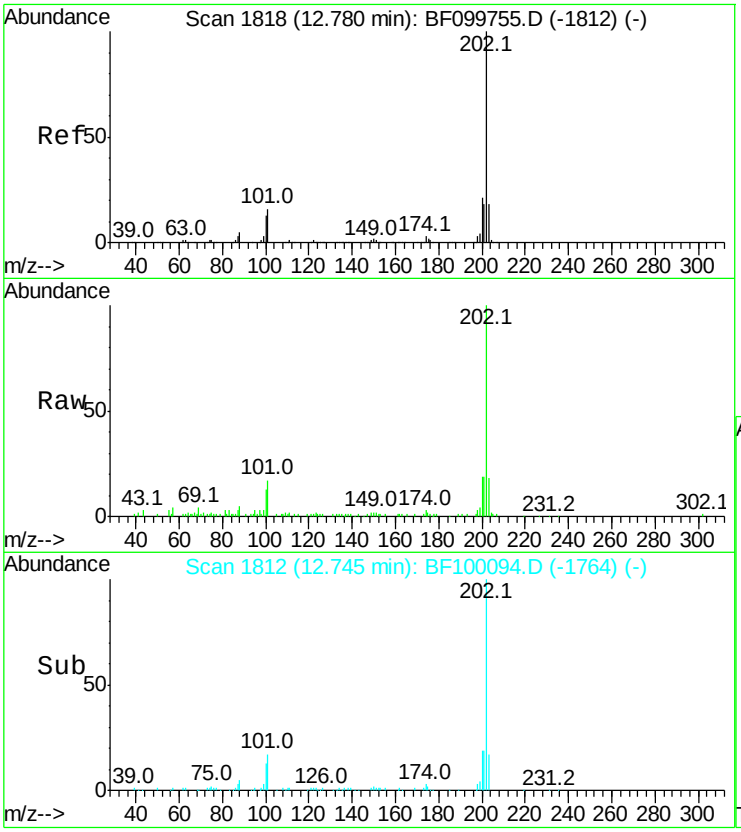


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:240 Resp: 151918

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.5	20.7	31.1



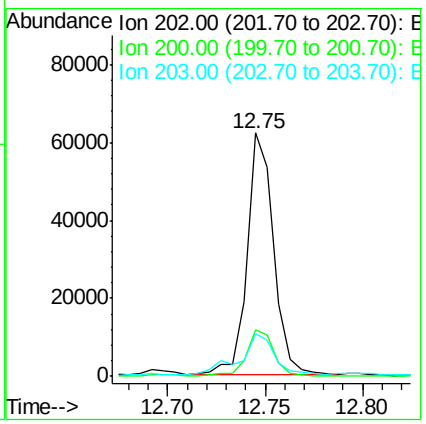


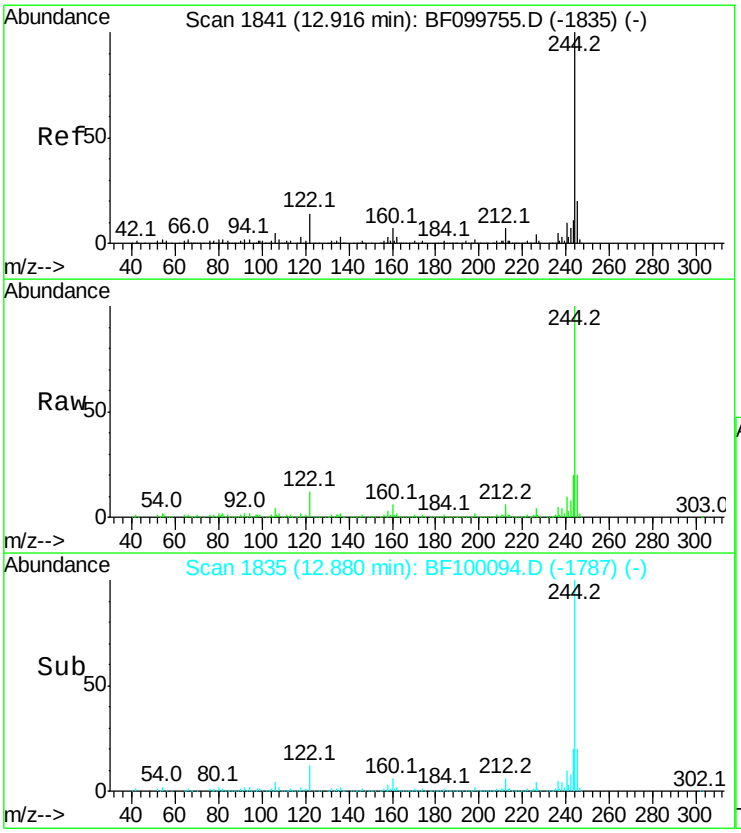
#77
Pyrene
Concen: 4.988 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 57616

Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.4	26.2
203	17.7	14.3	21.5

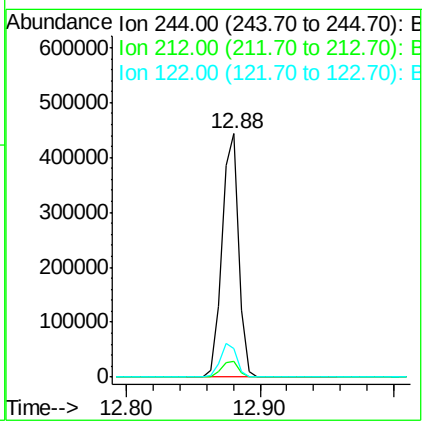


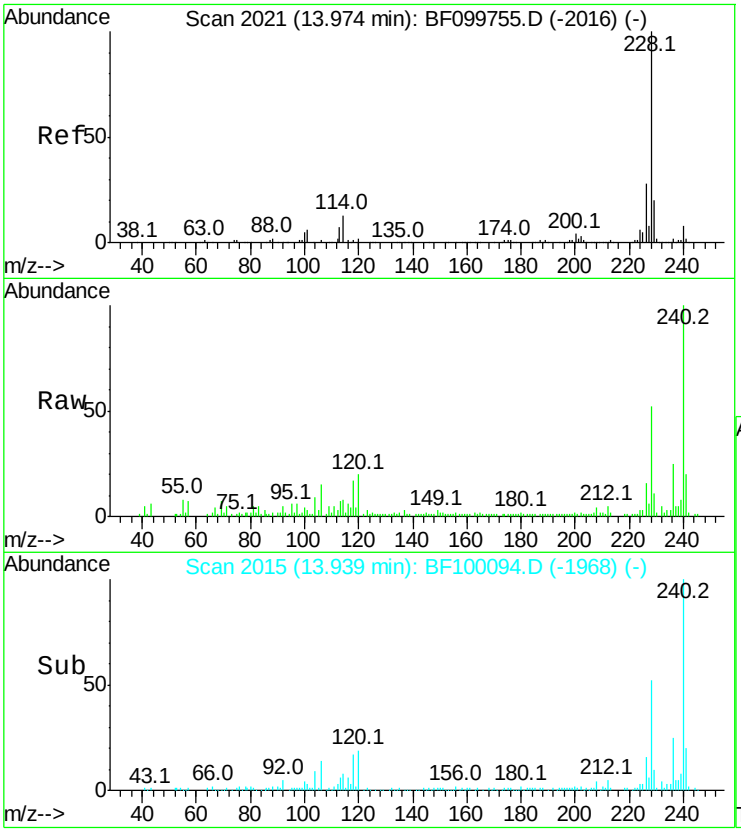


#78
Terphenyl-d14
Concen: 56.321 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:244 Resp: 391520

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4



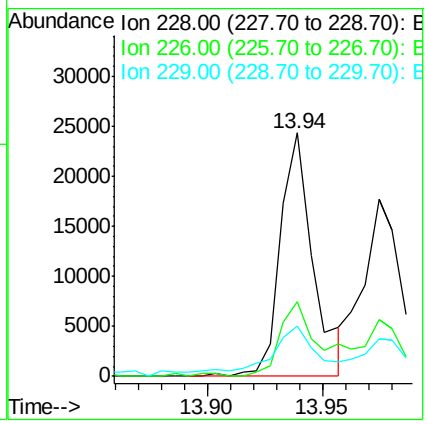


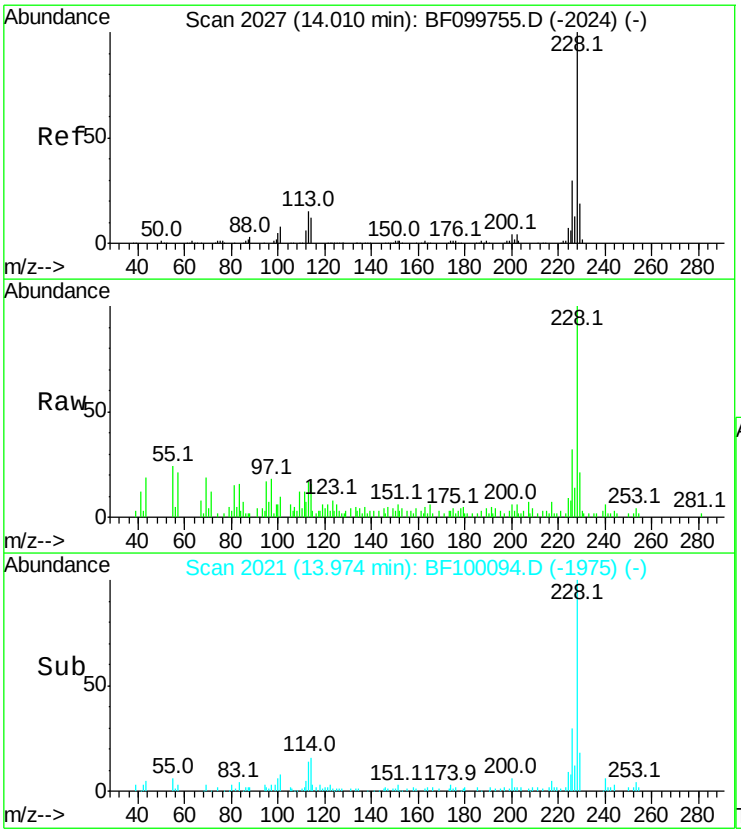
#80
Benzo(a)anthracene
Concen: 2.480 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 23888

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.6	15.8	23.6

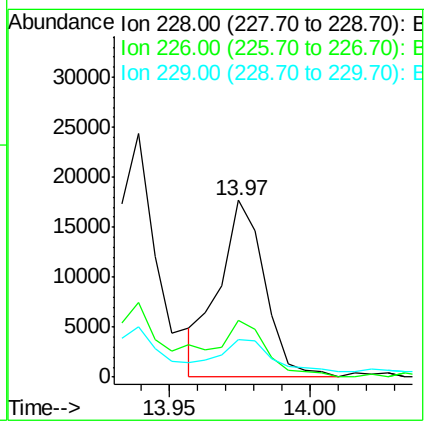


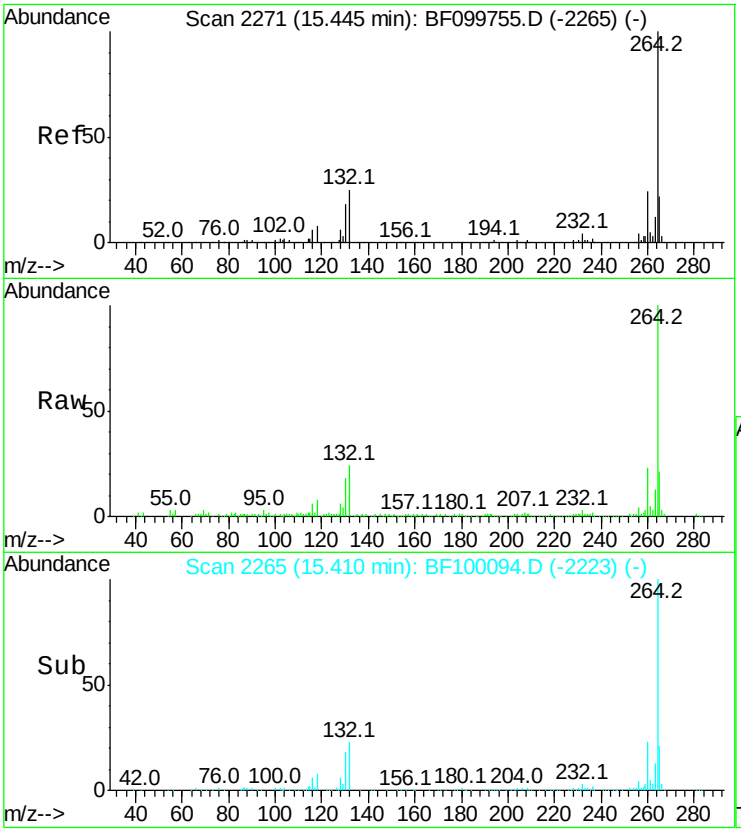


#82
Chrysene
Concen: 2.208 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:228 Resp: 19988

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.0	16.2	24.4



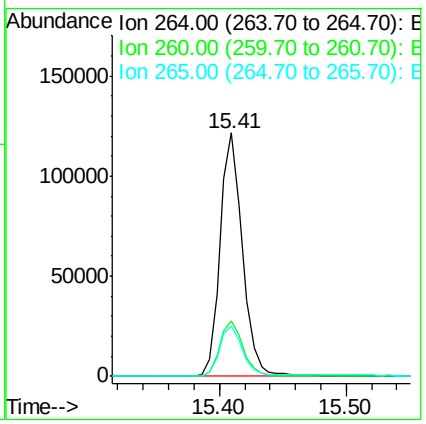


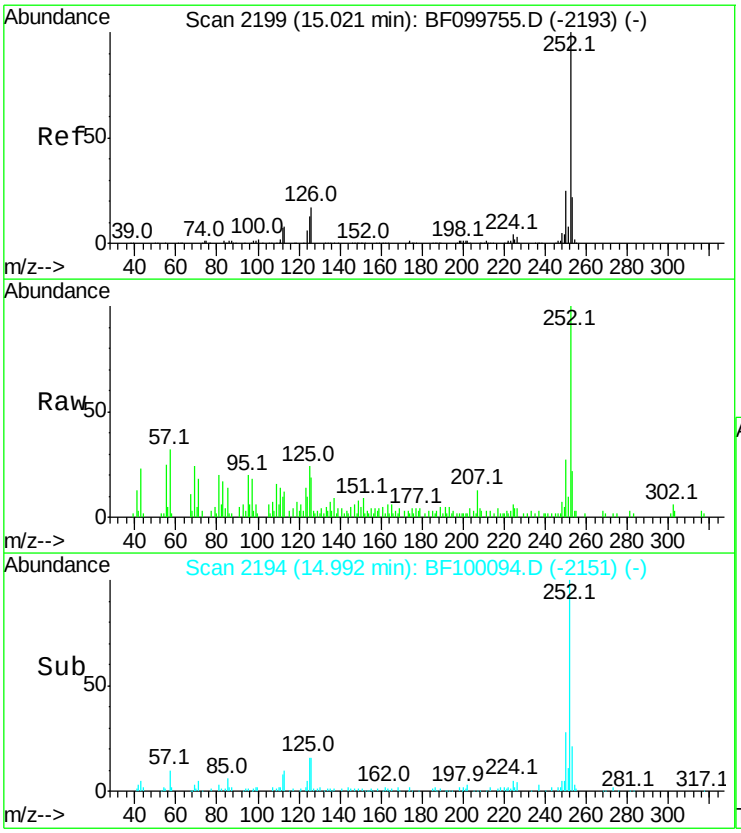
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 148981

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	17.5	26.3

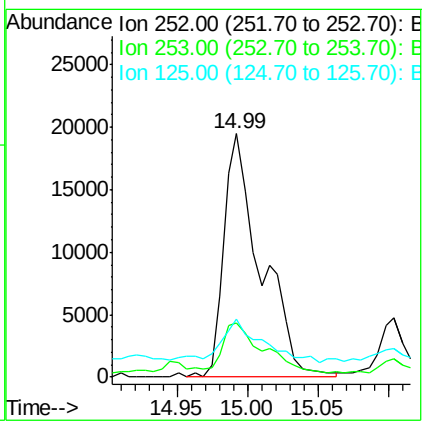


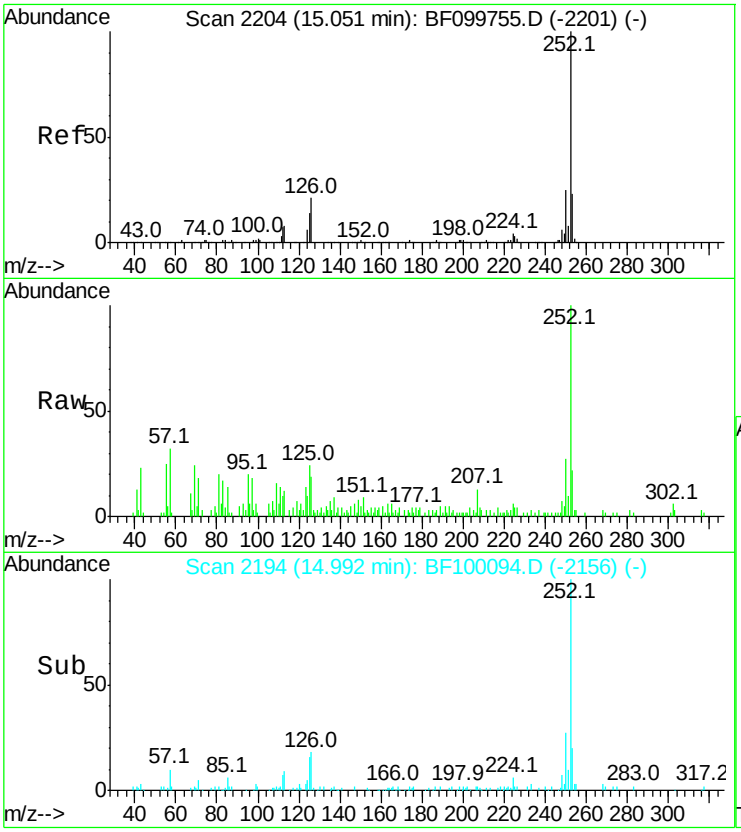


#87
Benzo(b)fluoranthene
Concen: 3.795 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:252 Resp: 35702

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	23.6	9.0	13.6#



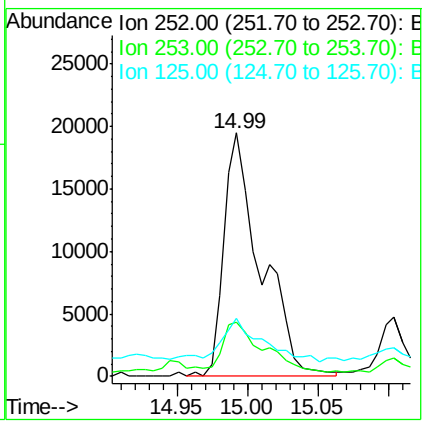


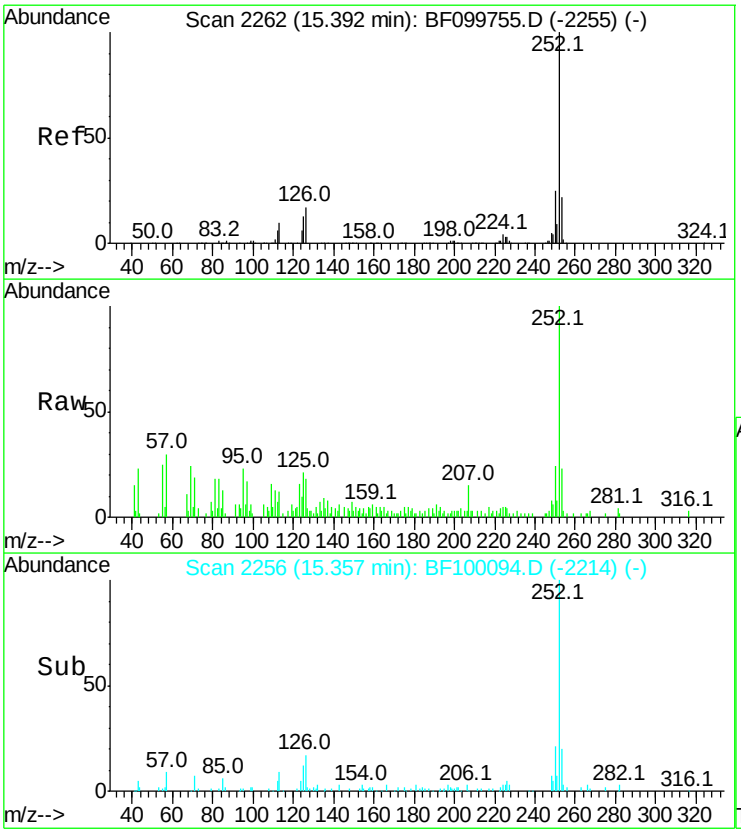
#88
Benzo(k)fluoranthene
Concen: 4.025 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.08 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 35702

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	23.6	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.400 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF100094.D
Acq: 2 Nov 2017 19:28

Tgt Ion:252 Resp: 20285

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	20.5	9.8	14.6#