Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100143.D
Acq On : 3 Nov 2017 19:10
Operator : SJ/JU
Sample : I6093-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 23:13:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103146	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	427920	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	195152	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	327625	20.00	ng		0.00
75) Chrysene-d12	13.95	240	180050	20.00	ng		0.00
86) Perylene-d12	15.41	264	168575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	643760	97.99	ng		0.00
7) Phenol-d6	6.42	99	761414	97.74	ng		0.00
23) Nitrobenzene-d5	7.34	82	436249	65.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	164436	92.46	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	769203	60.81	ng		0.00
78) Terphenyl-d14	12.88	244	590677	71.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	11128	2.390	ng		92
10) Phenol	6.43	94	47231	5.522	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	55156	12.082	ng	#	69
25) Isophorone	7.34	82	436249	36.170	ng	#	64
49) Dimethylphthalate	9.52	163	154314	9.985	ng		100
56) 2,4-Dinitrotoluene	9.80	165	24933	6.373	ng	#	22
62) Azobenzene	10.52	77	36007	2.846	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	10929	3.169	ng	#	1
70) Phenanthrene	11.32	178	121663	6.580	ng		98
71) Anthracene	11.32	178	121663	6.483	ng		99
74) Fluoranthene	12.52	202	176251	9.173	ng		98
77) Pyrene	12.74	202	136706	9.985	ng		98
80) Benzo(a)anthracene	13.94	228	39167	3.432	ng		96
82) Chrysene	13.98	228	47022	4.382	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	25803	2.619	ng		96
87) Benzo(b)fluoranthene	14.99	252	71450	6.712	ng	#	92
88) Benzo(k)fluoranthene	14.99	252	71450	7.118	ng	#	95
89) Benzo(a)pyrene	15.36	252	33138	3.466	ng	#	94
91) Benzo(g,h,i)perylene	17.35	276	24566	2.955	ng	#	90

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

Quantitation Report (Not Reviewed)

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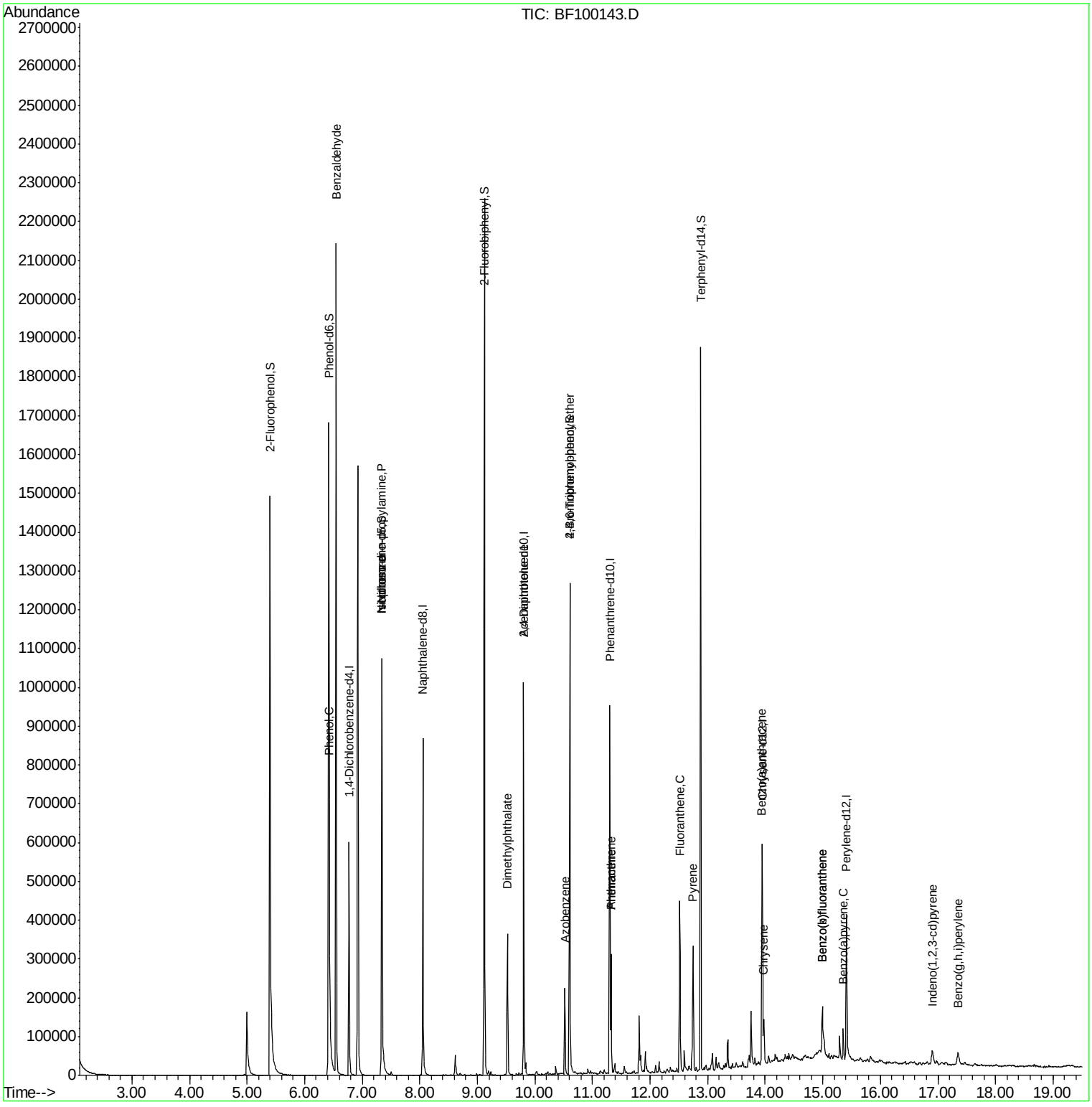
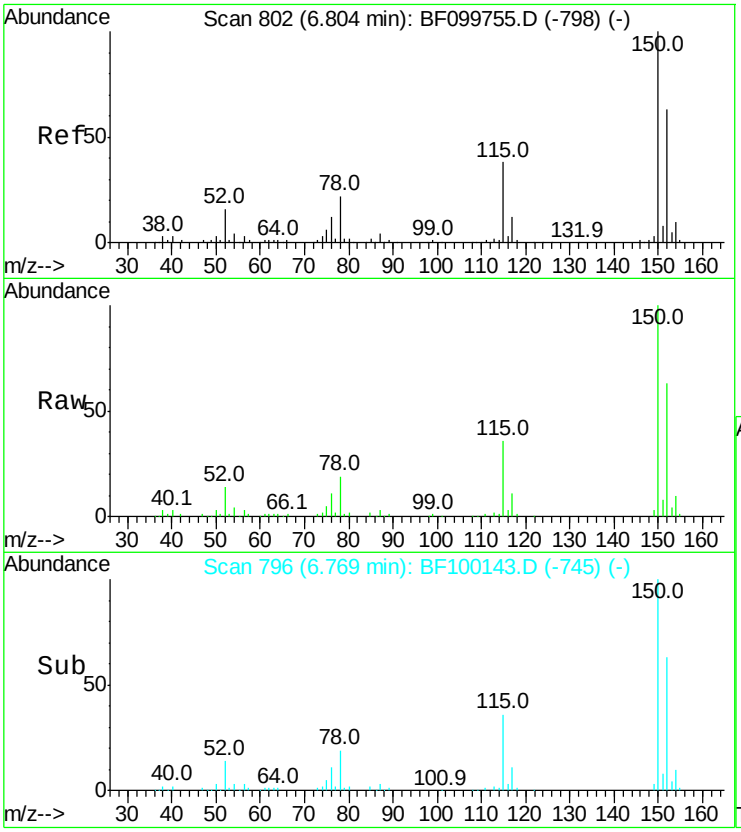


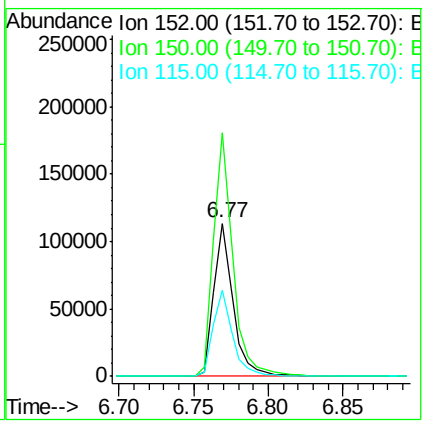


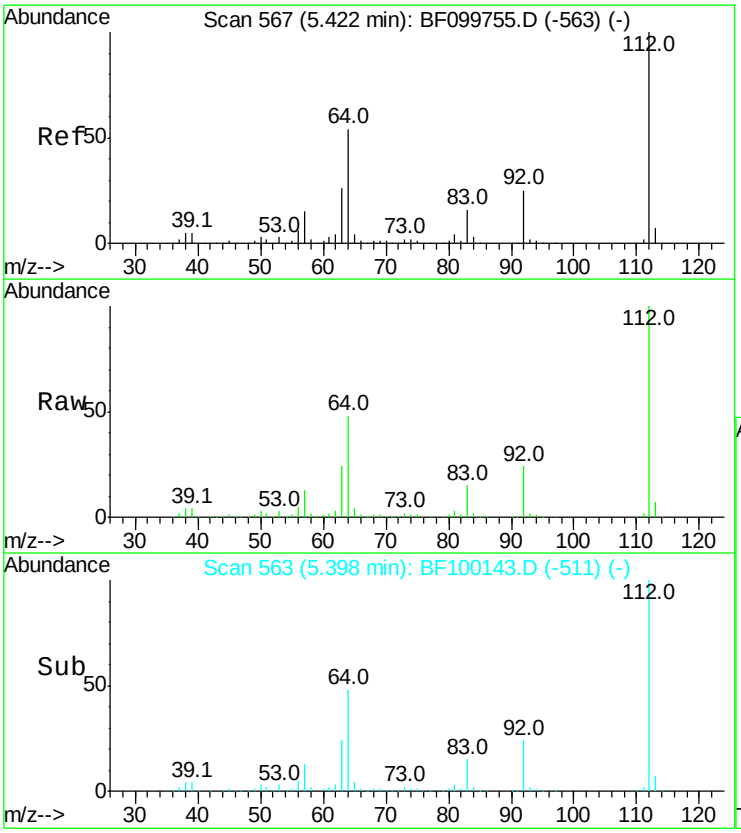
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103146

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	56.6	50.1	75.1

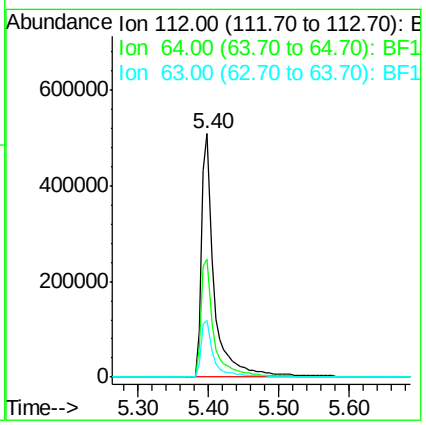


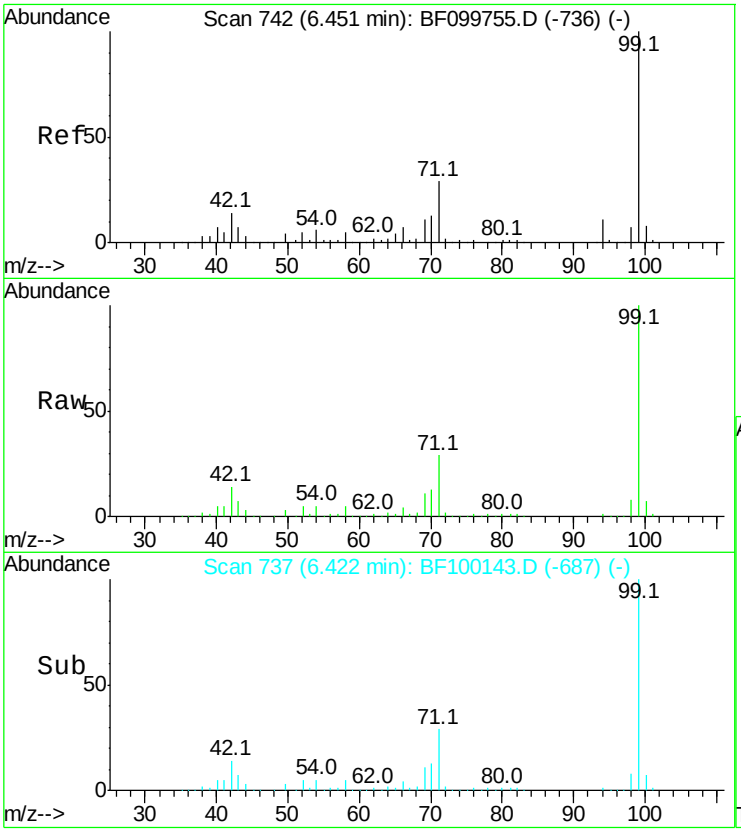


#5
2-Fluorophenol
Concen: 97.986 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:112 Resp: 643760

Ion	Ratio	Lower	Upper
112	100		
64	48.4	47.9	71.9
63	23.5	23.7	35.5#



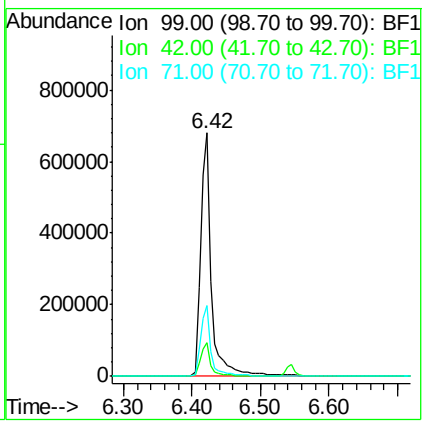


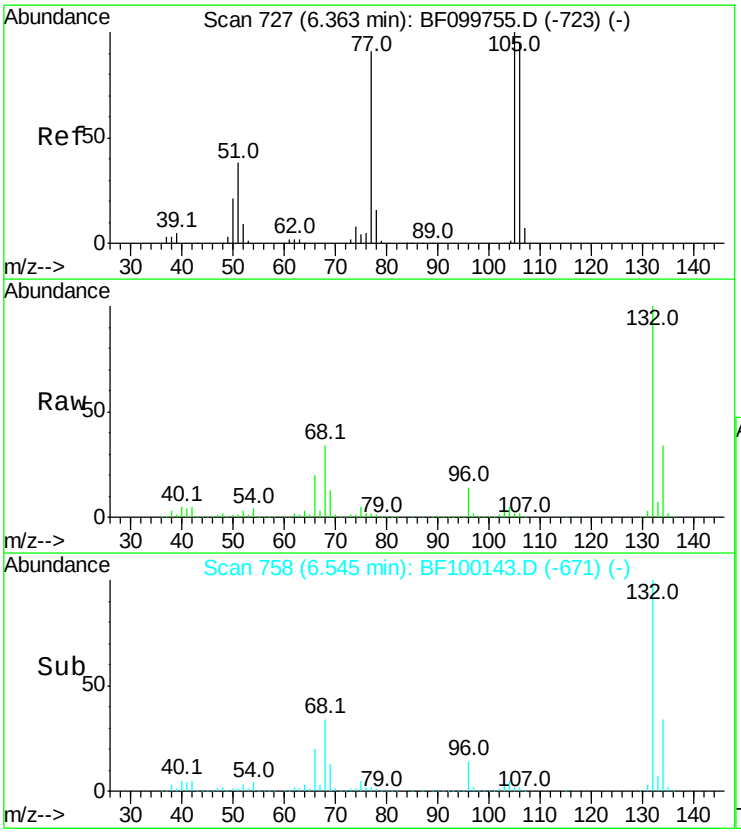
#7
Phenol-d6
Concen: 97.741 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 761414

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	29.0	25.4	38.0

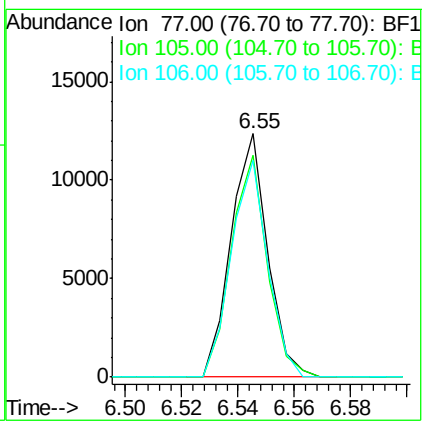


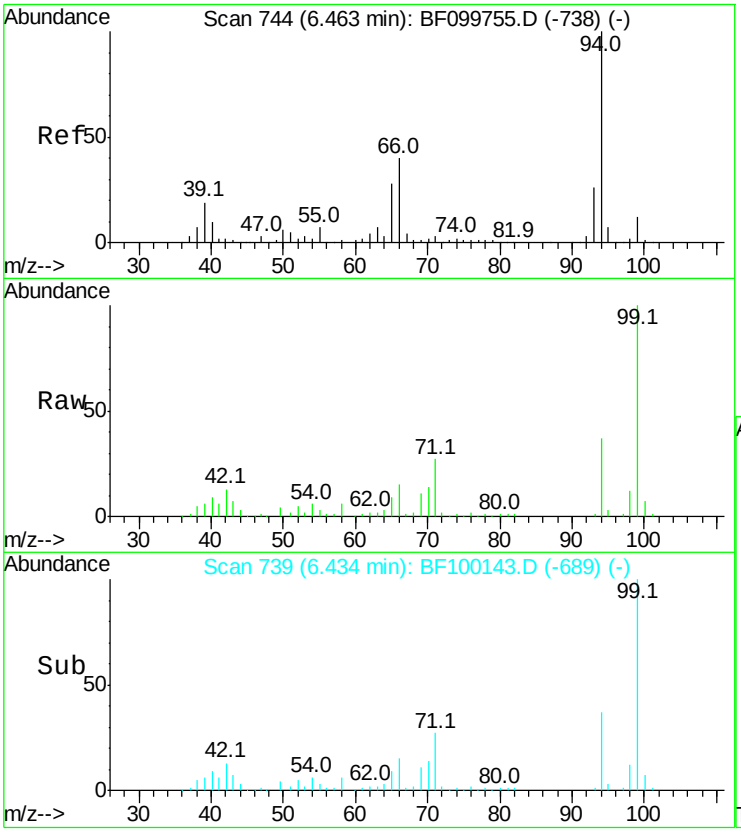


#9
Benzaldehyde
Concen: 2.390 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.21 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion: 77 Resp: 11128

Ion	Ratio	Lower	Upper
77	100		
105	91.0	81.1	121.1
106	88.8	74.5	114.5



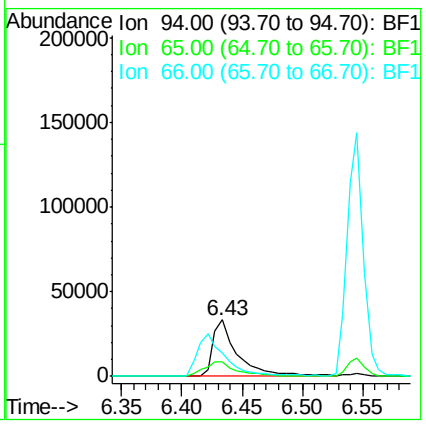


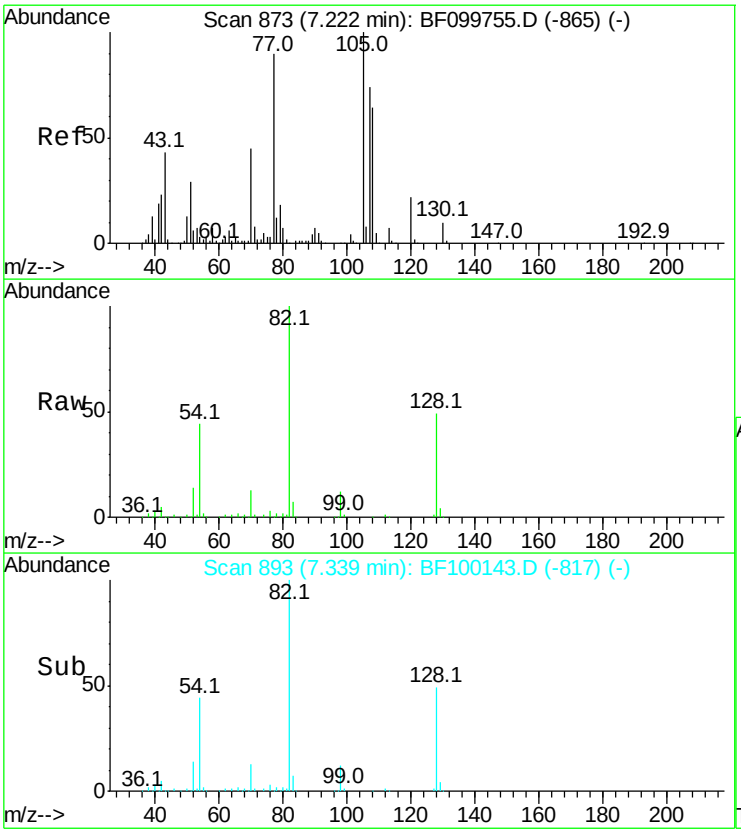
#10
Phenol
Concen: 5.522 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 47231

Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	41.2	16.2	56.2

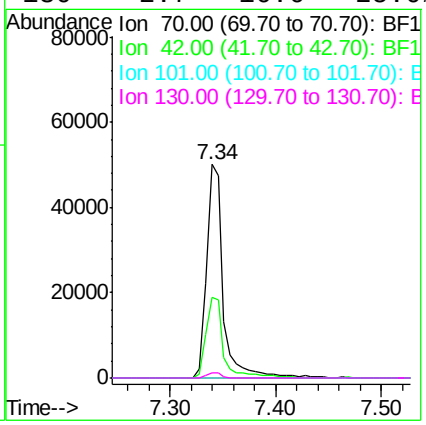


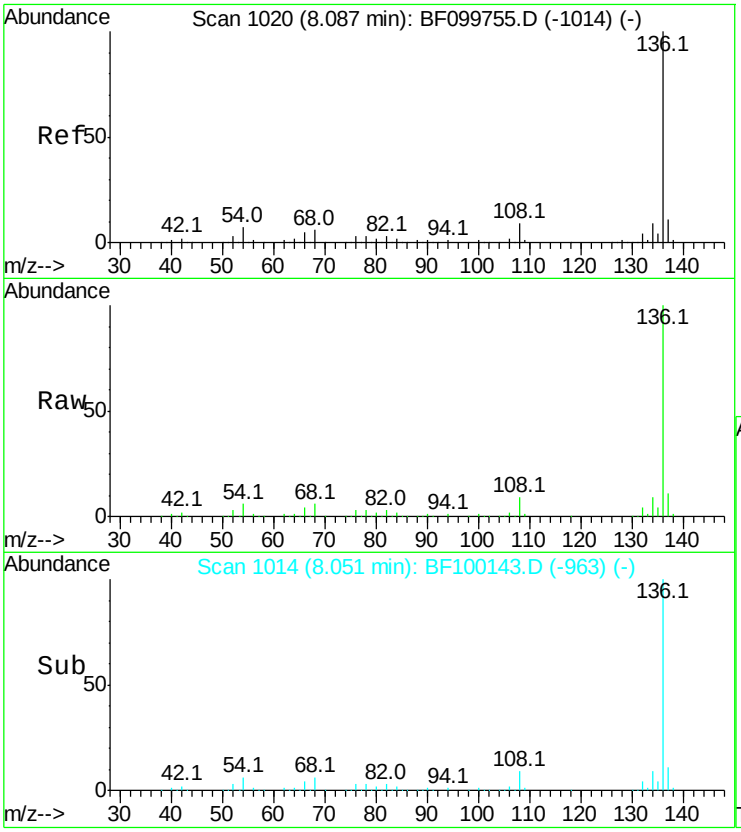


#19
n-Nitroso-di-n-propylamine
Concen: 12.082 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion: 70 Resp: 55156

Ion	Ratio	Lower	Upper
70	100		
42	37.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



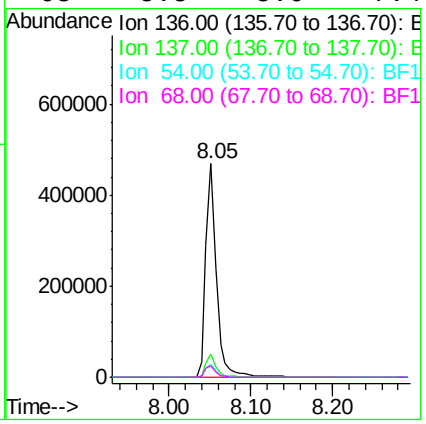


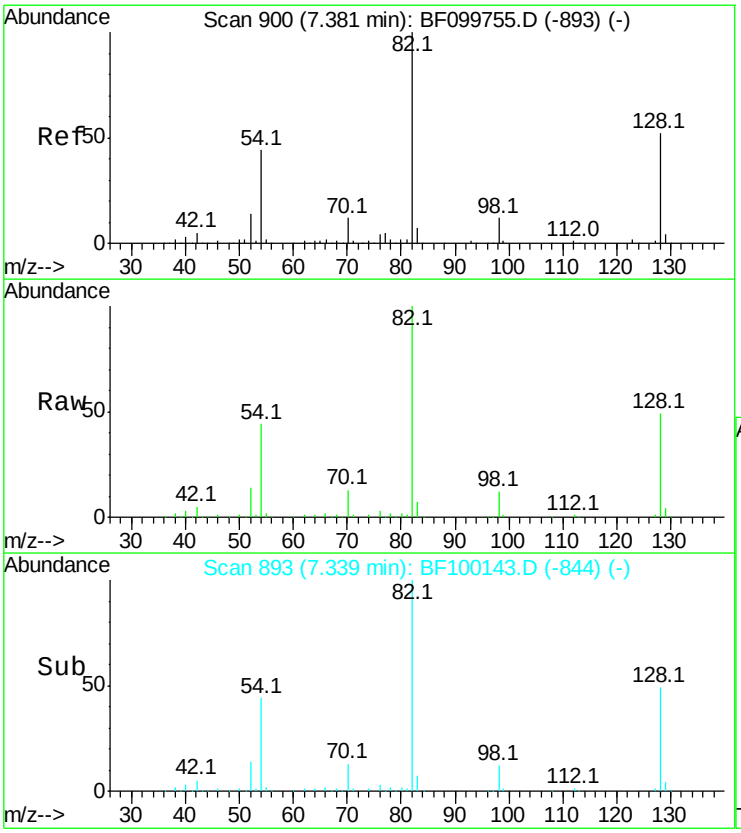
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 427920

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

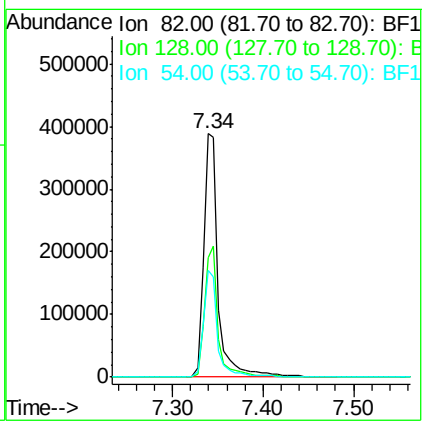


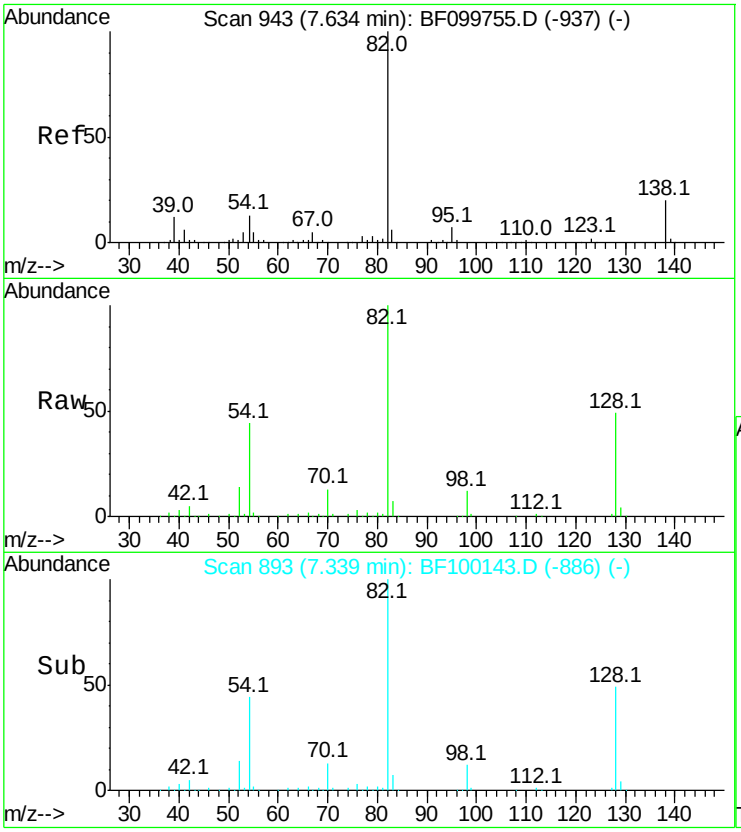


#23
Nitrobenzene-d5
Concen: 65.634 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion: 82 Resp: 436249

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	44.0	41.4	62.2



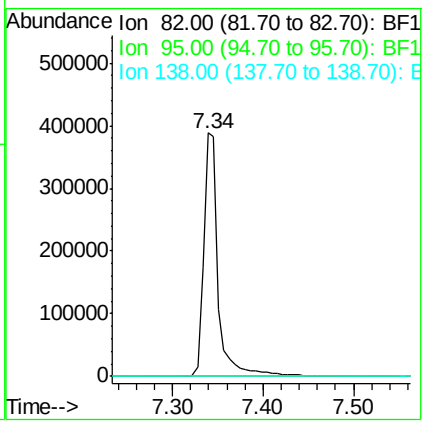


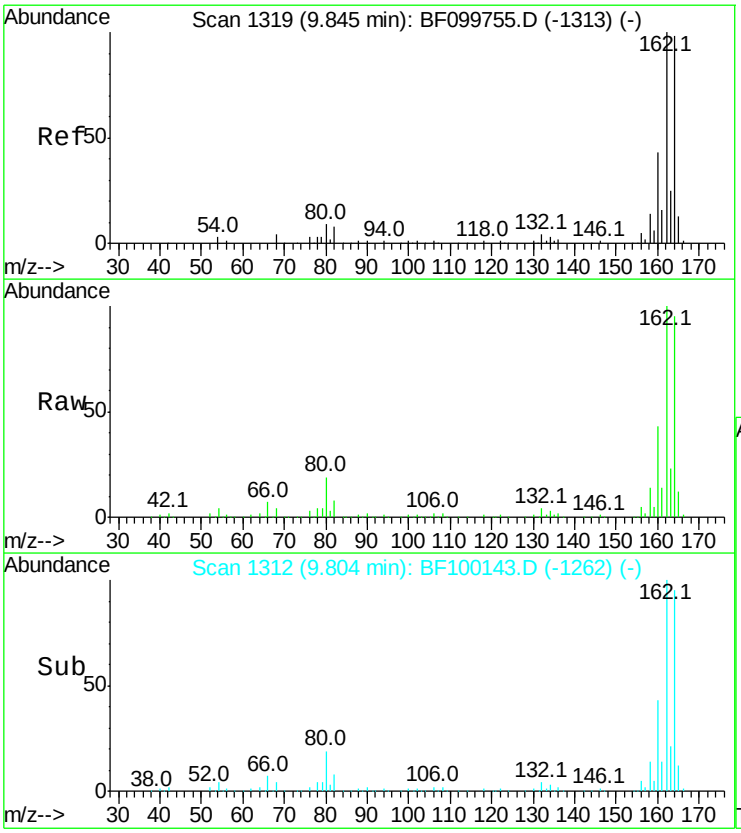
#25
Isophorone
Concen: 36.170 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 436249

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

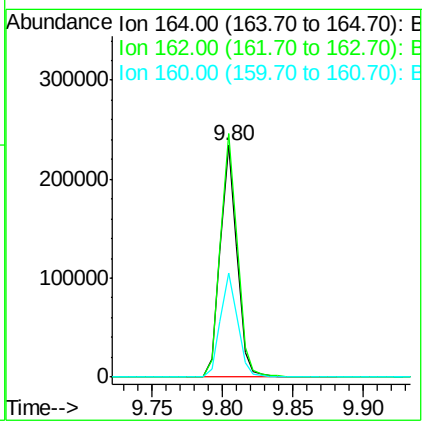


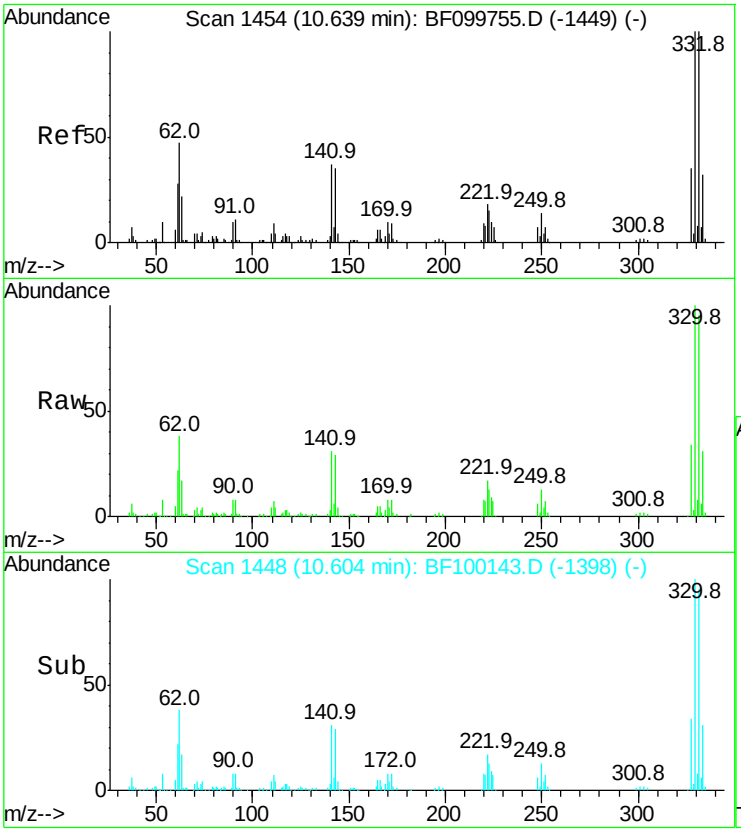


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:164 Resp: 195152

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.0	38.3	57.5



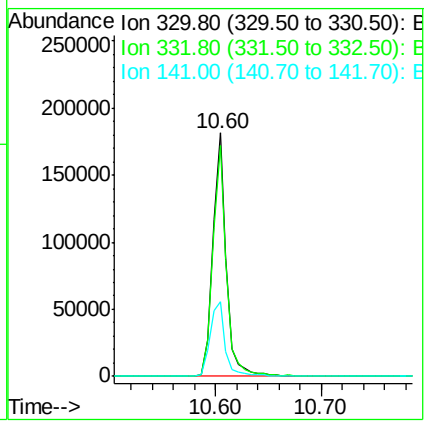


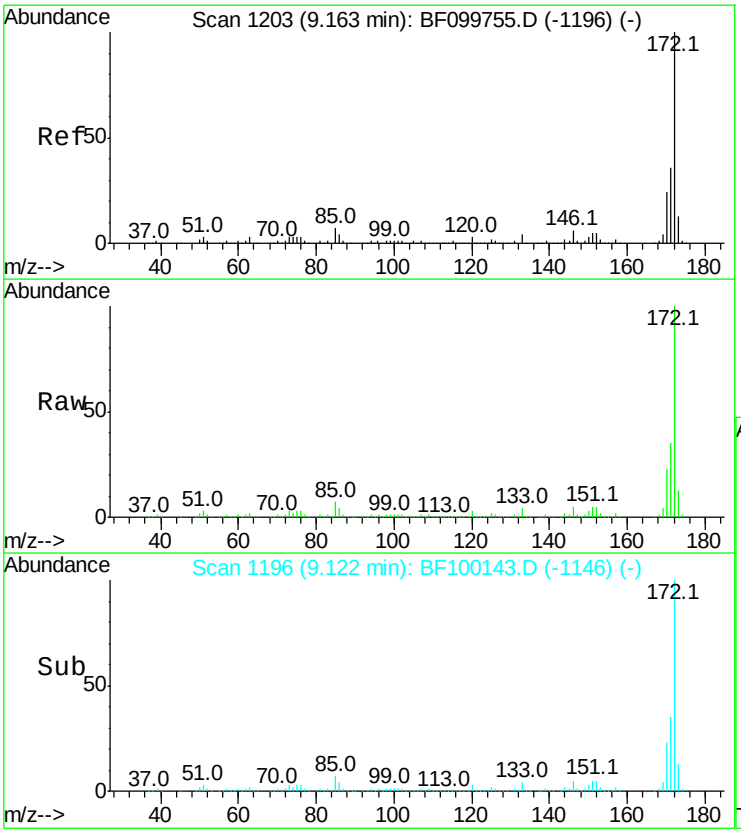
#41
2,4,6-Tribromophenol
Concen: 92.460 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 164436

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.1	29.9	44.9

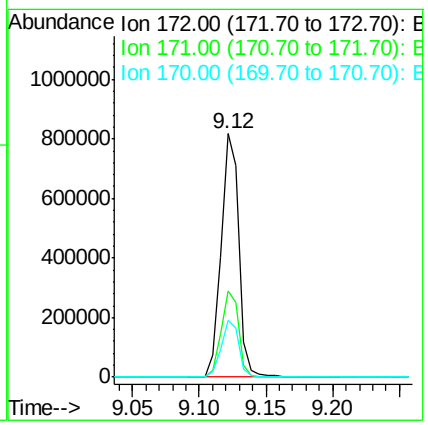


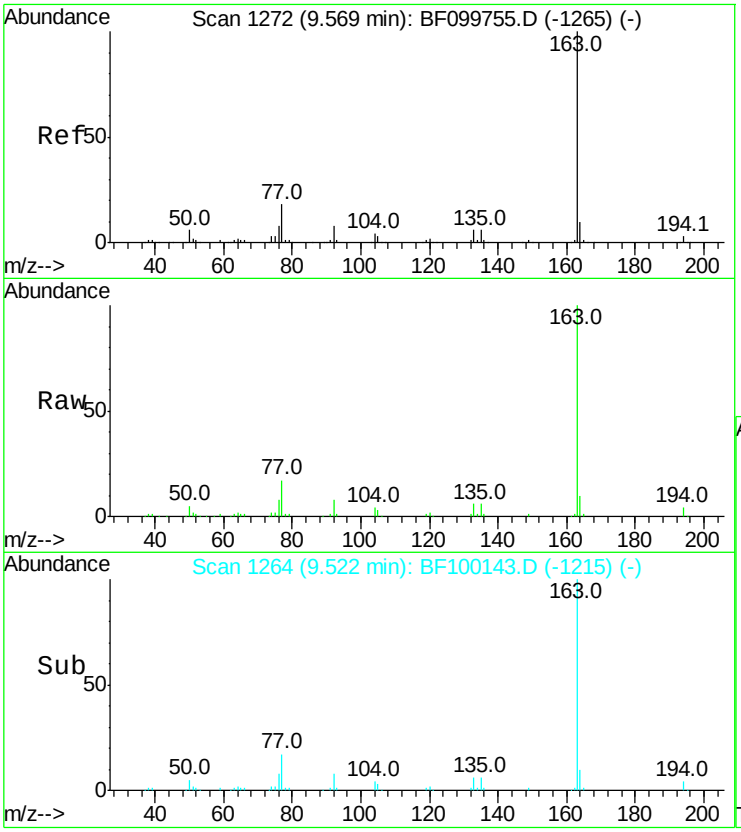


#44
2-Fluorobiphenyl
Concen: 60.812 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:172 Resp: 769203

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4



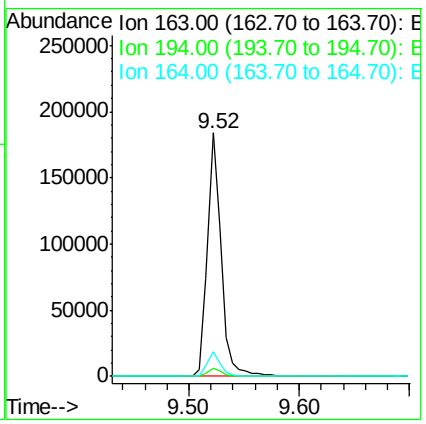


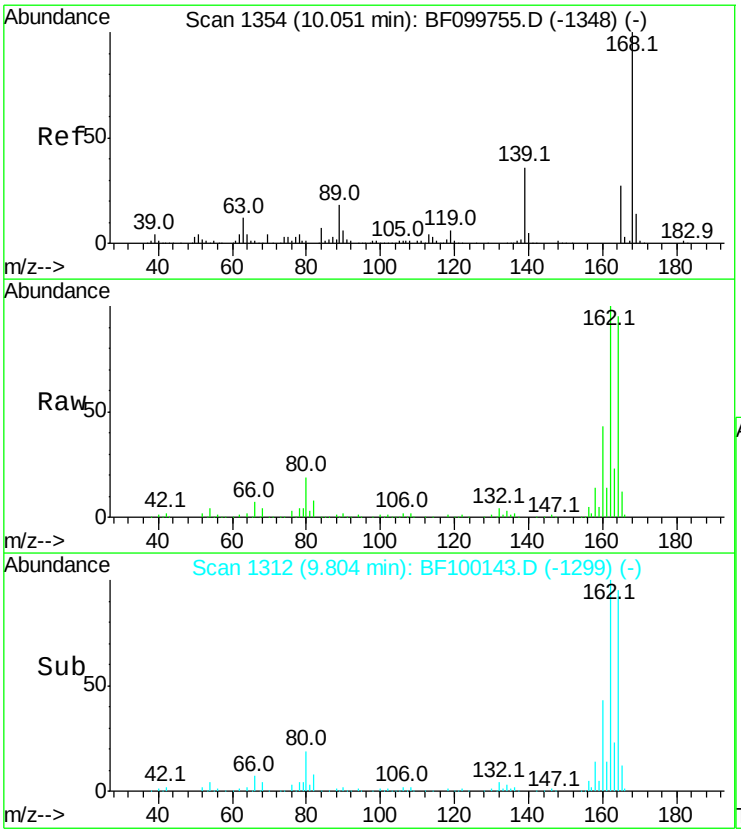
#49
Dimethylphthalate
Concen: 9.985 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 154314

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2

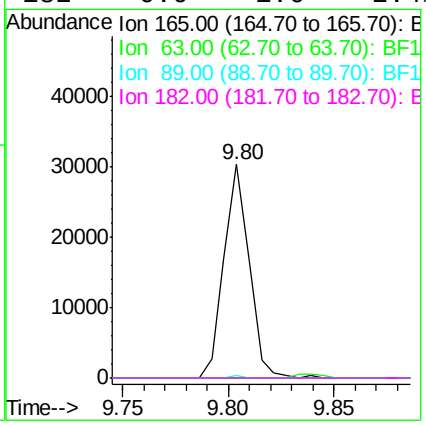


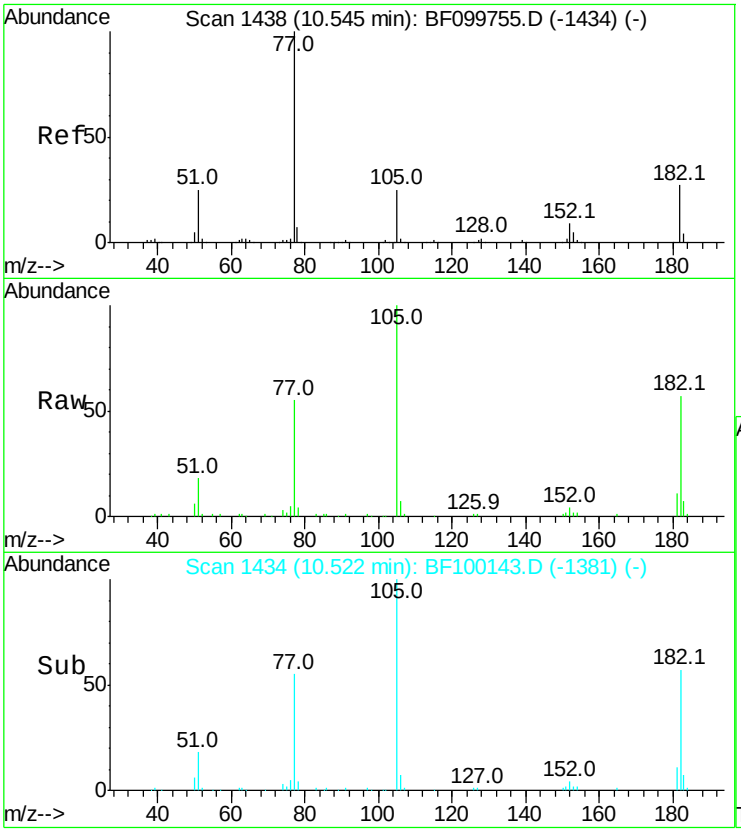


#56
2,4-Dinitrotoluene
Concen: 6.373 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.22 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:165 Resp: 24933

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



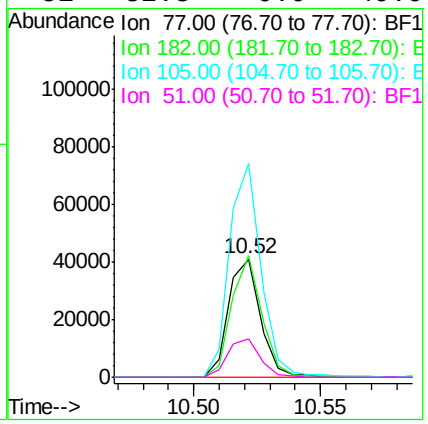


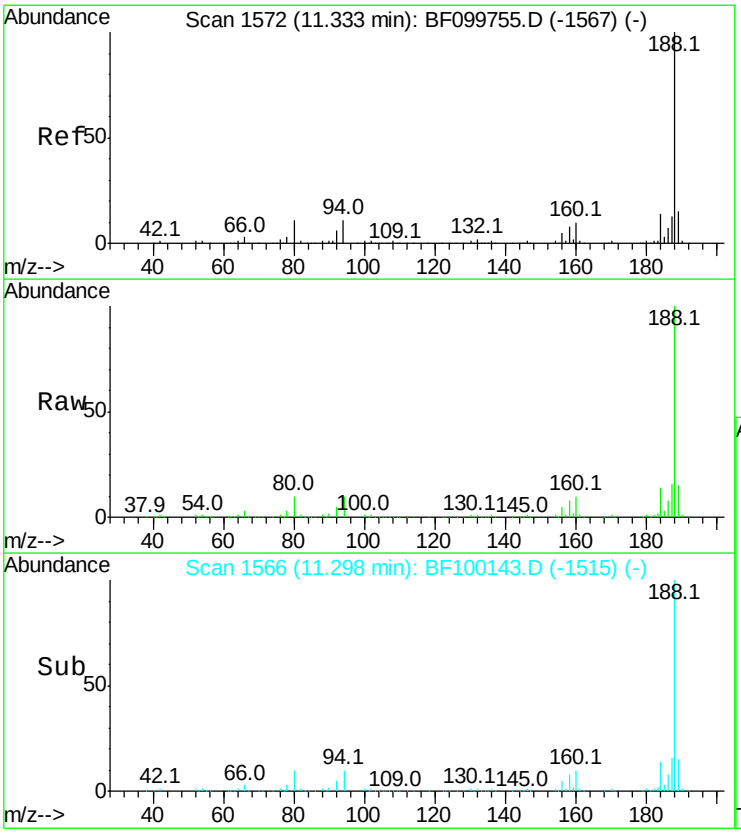
#62
Azobenzene
Concen: 2.846 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 36007

Ion	Ratio	Lower	Upper
77	100		
182	103.7	1.7	41.7#
105	181.3	3.0	43.0#
51	32.3	9.9	49.9

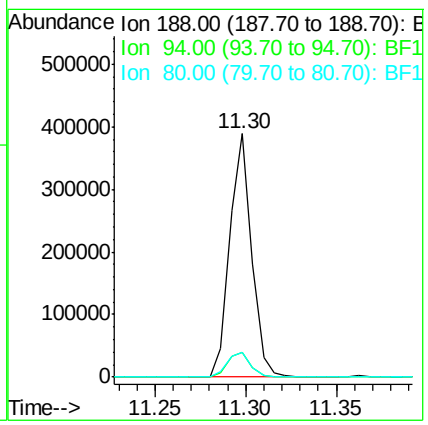


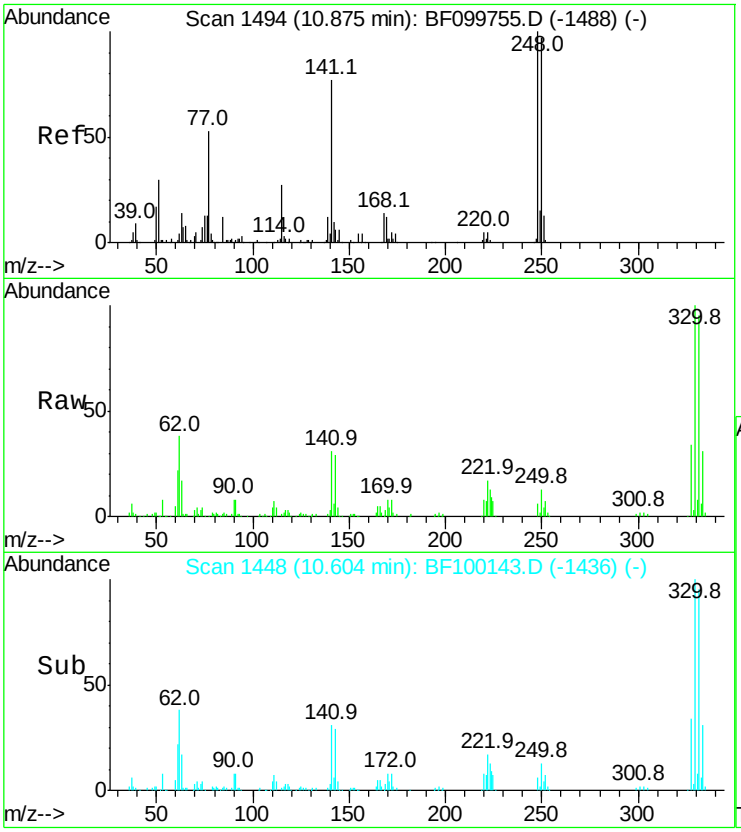


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:188 Resp: 327625

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8



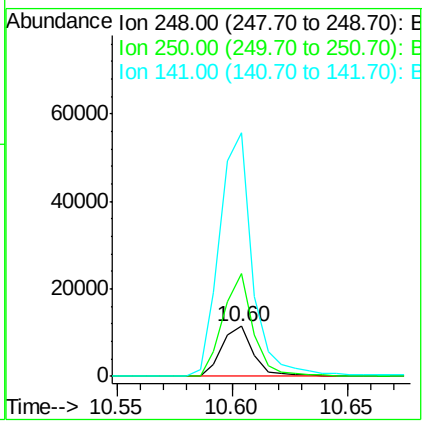


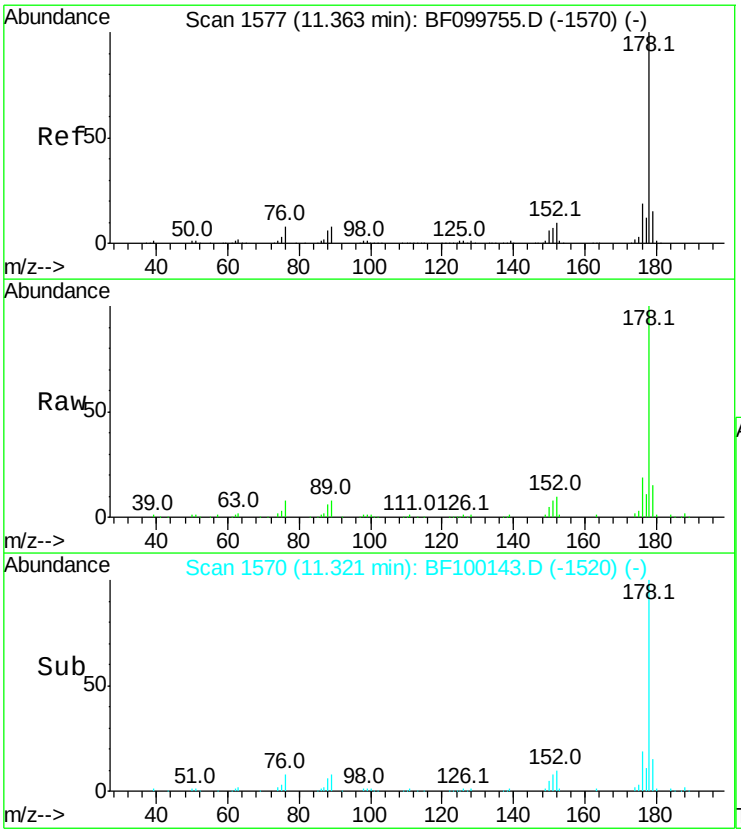
#66
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.23 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10929

Ion	Ratio	Lower	Upper
248	100		
250	205.8	76.9	115.3#
141	486.9	74.4	111.6#

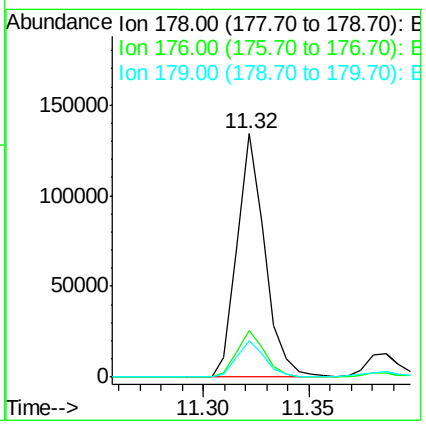


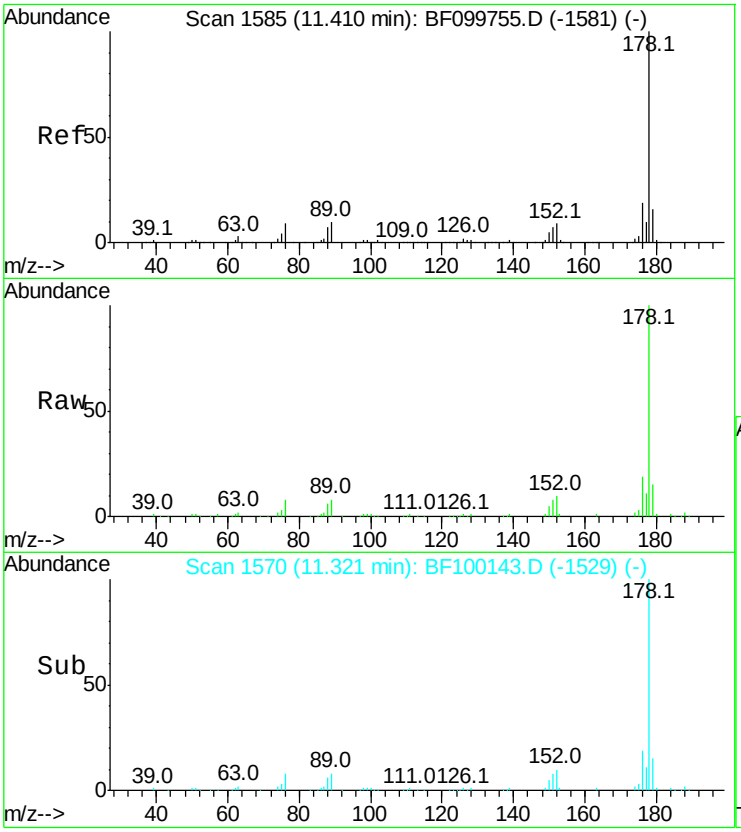


#70
Phenanthrene
Concen: 6.580 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:178 Resp: 121663

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.0	13.0	19.6



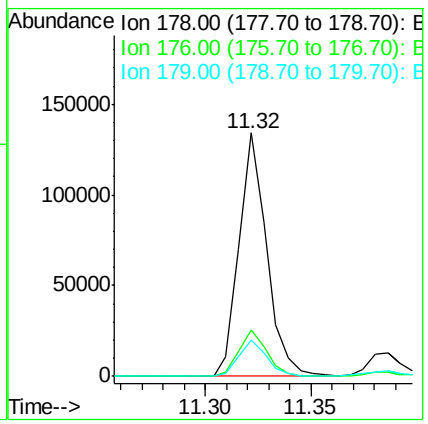


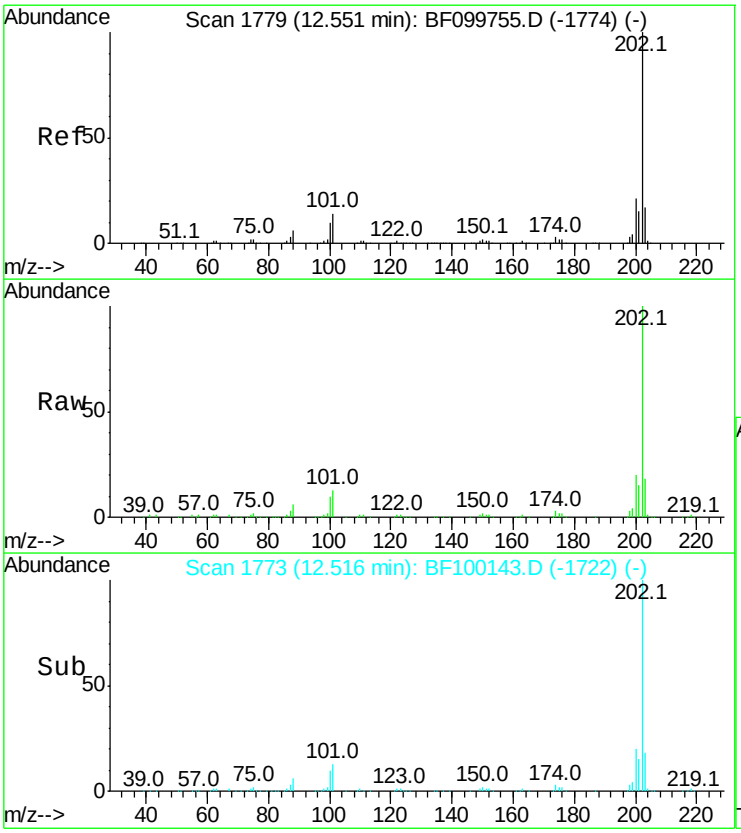
#71
Anthracene
Concen: 6.483 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.06 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 121663

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.6	19.0

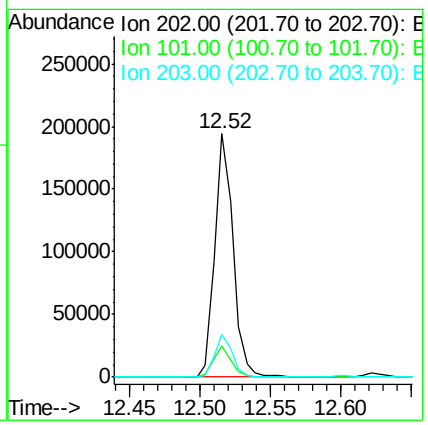


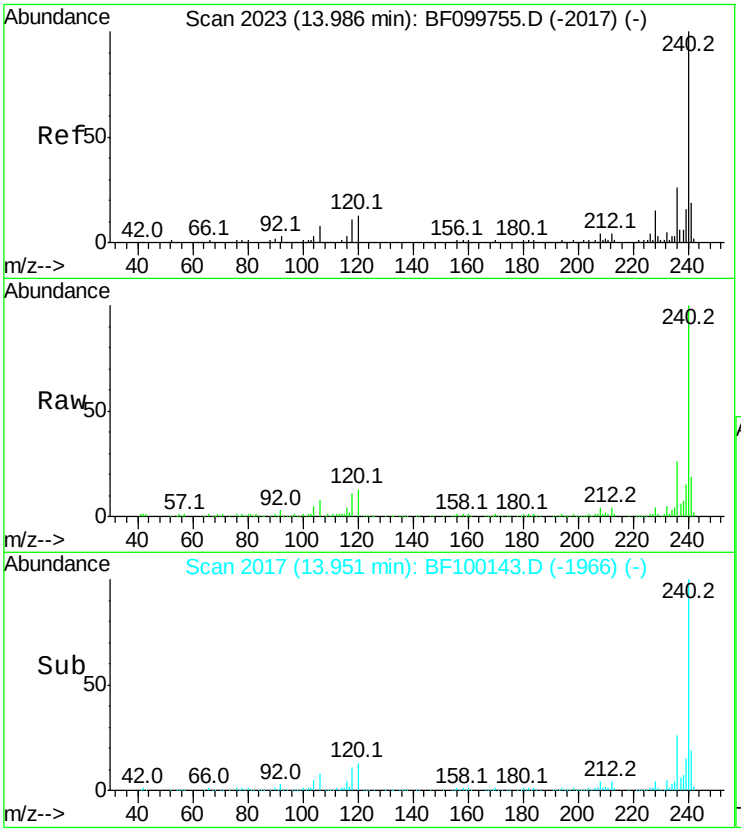


#74
Fluoranthene
Concen: 9.173 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:202 Resp: 176251

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.6	0.0	38.1



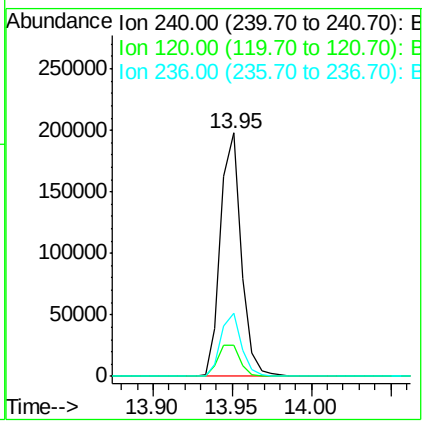


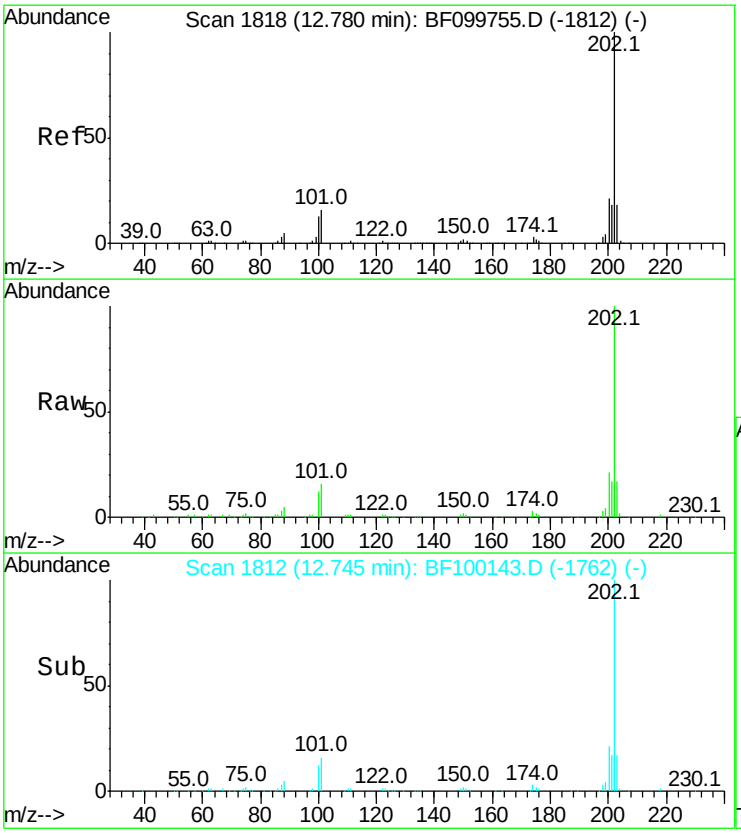
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 180050

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.8	20.7	31.1

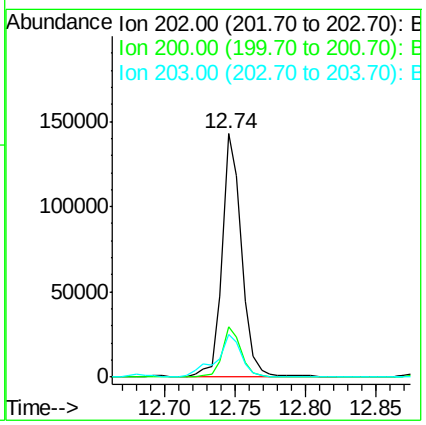


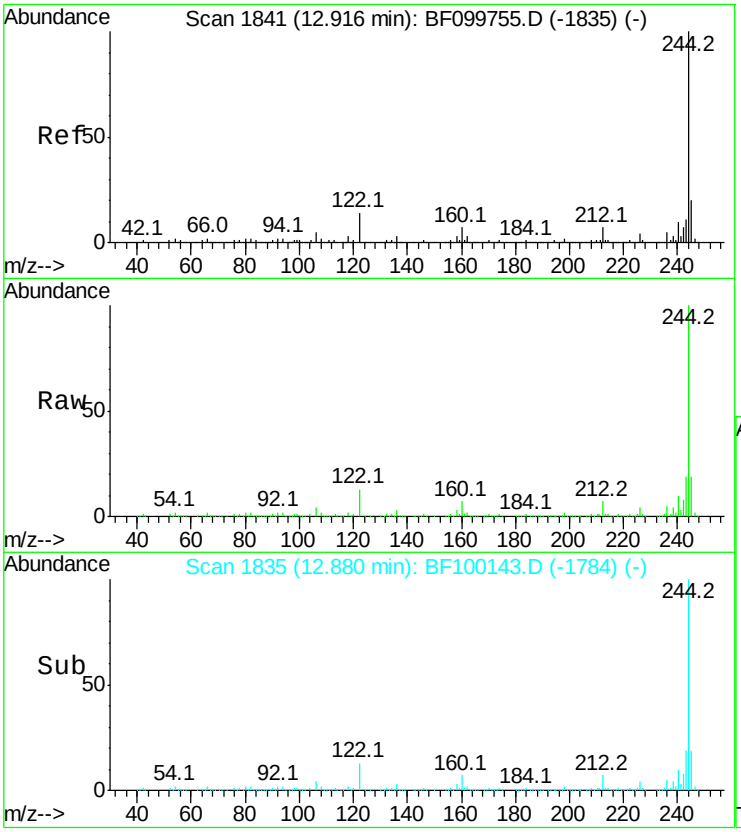


#77
Pyrene
Concen: 9.985 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:202 Resp: 136706

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.3	21.5



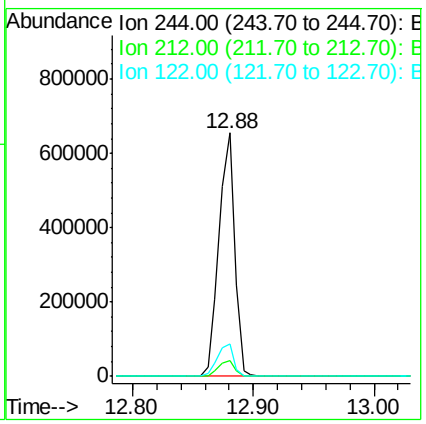


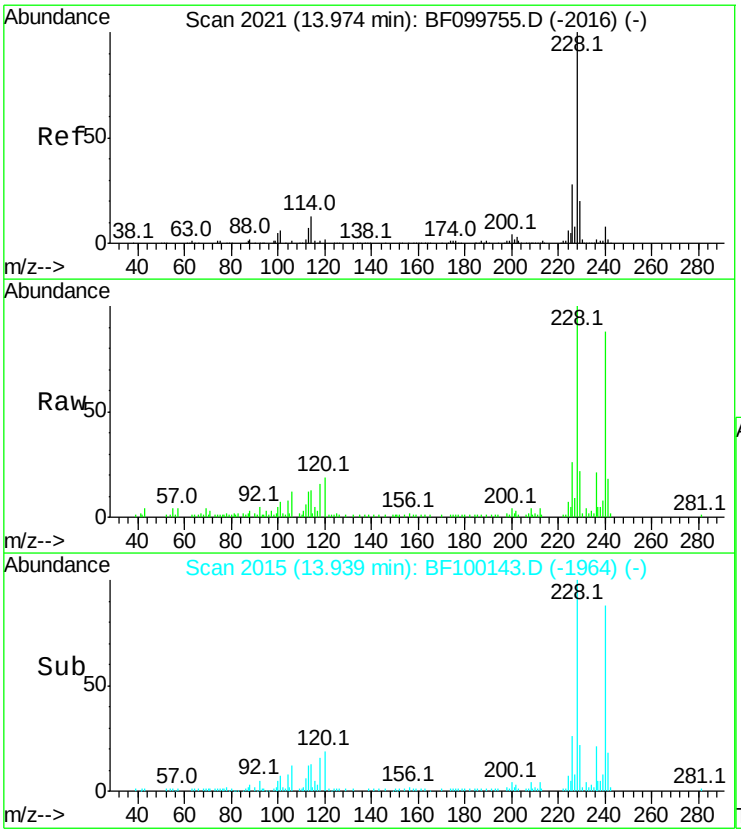
#78
Terphenyl-d14
Concen: 71.694 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 590677

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4

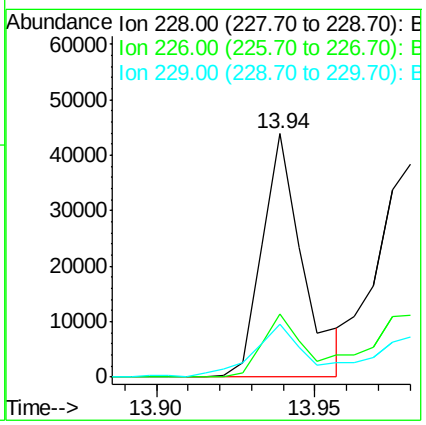


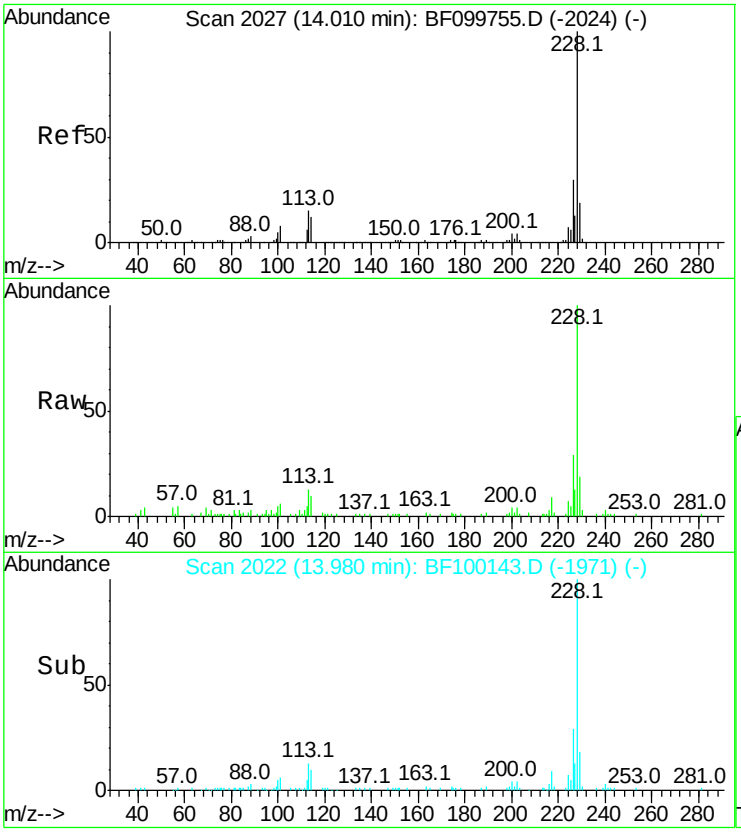


#80
Benzo(a)anthracene
Concen: 3.432 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:228 Resp: 39167

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	33.8
229	21.8	15.8	23.6



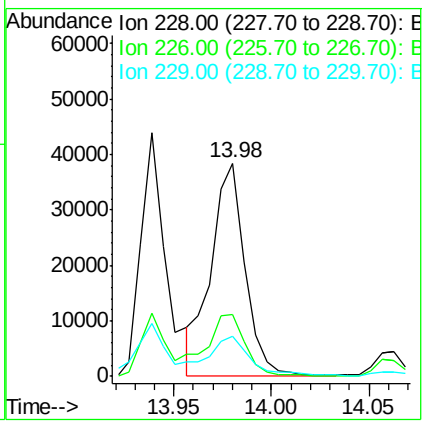


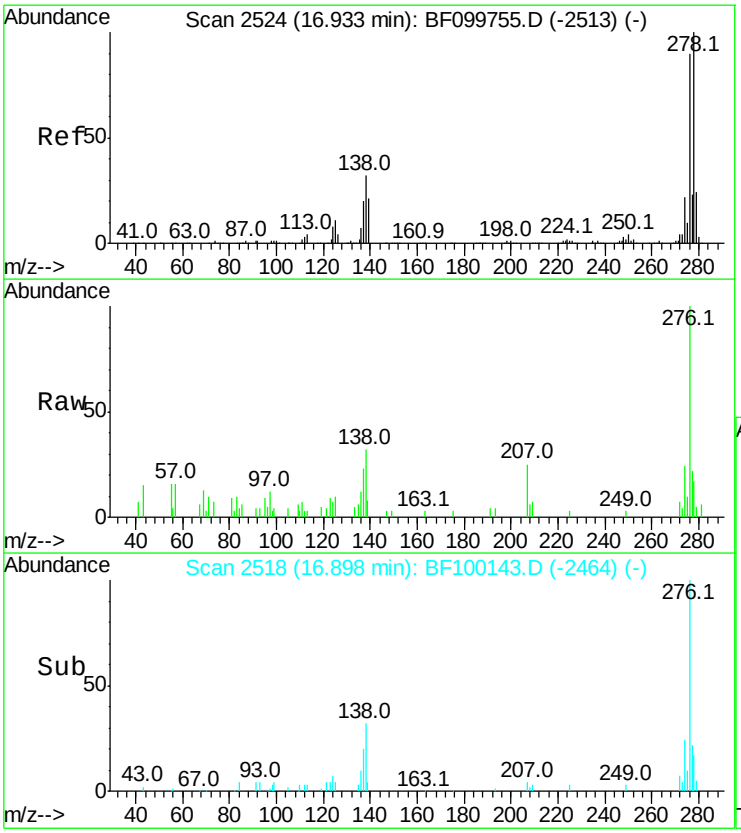
#82
Chrysene
Concen: 4.382 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 47022

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	18.8	16.2	24.4

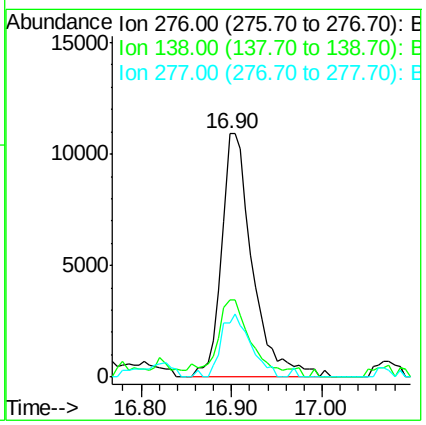


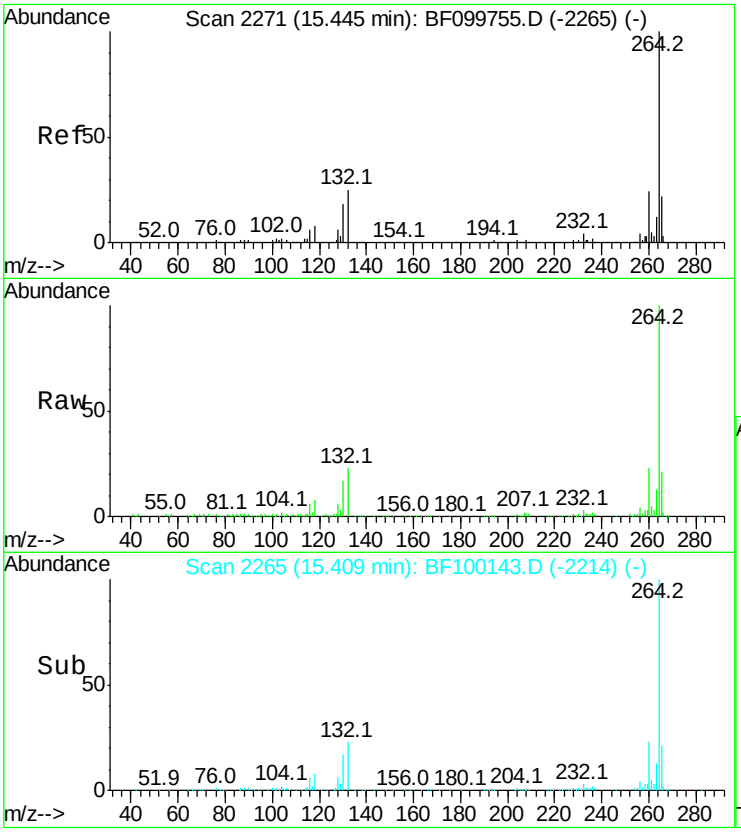


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.619 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.02 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:276 Resp: 25803

Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.0	37.6
277	24.1	20.1	30.1



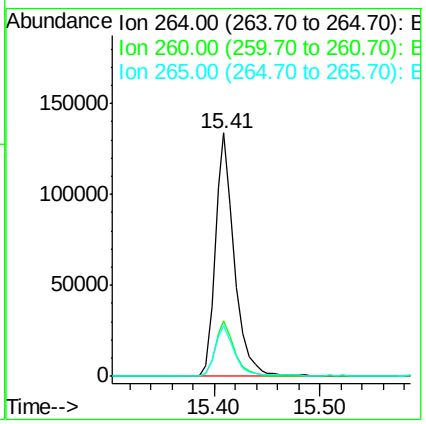


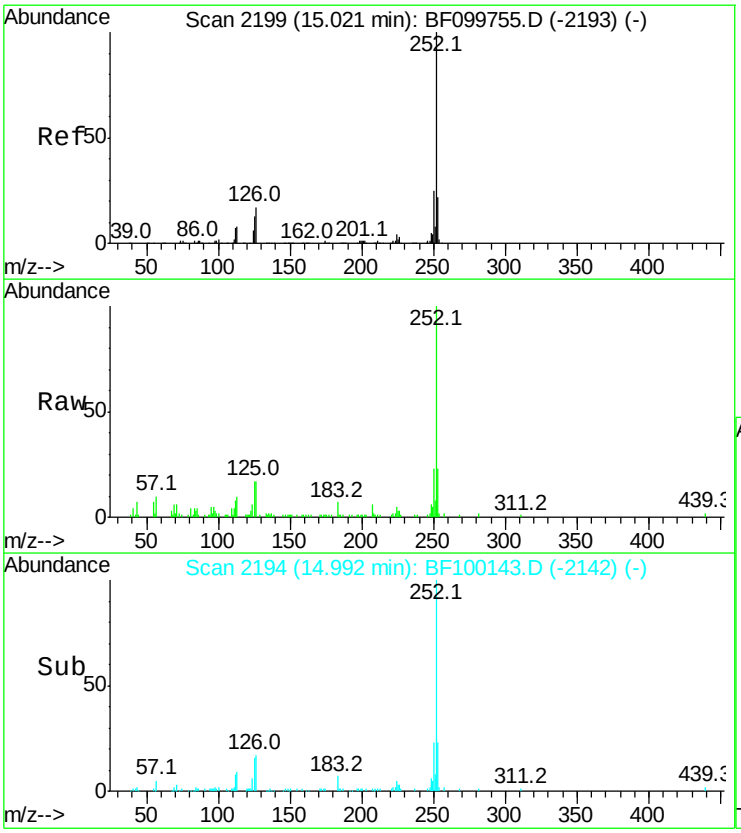
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 168575

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	17.5	26.3

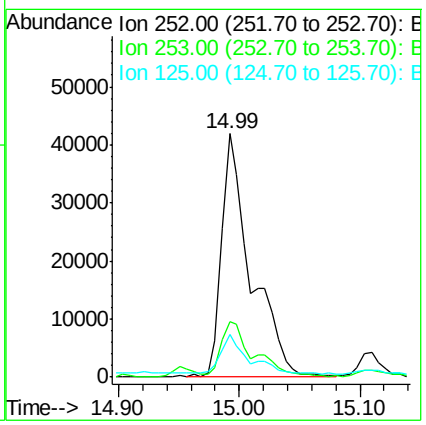


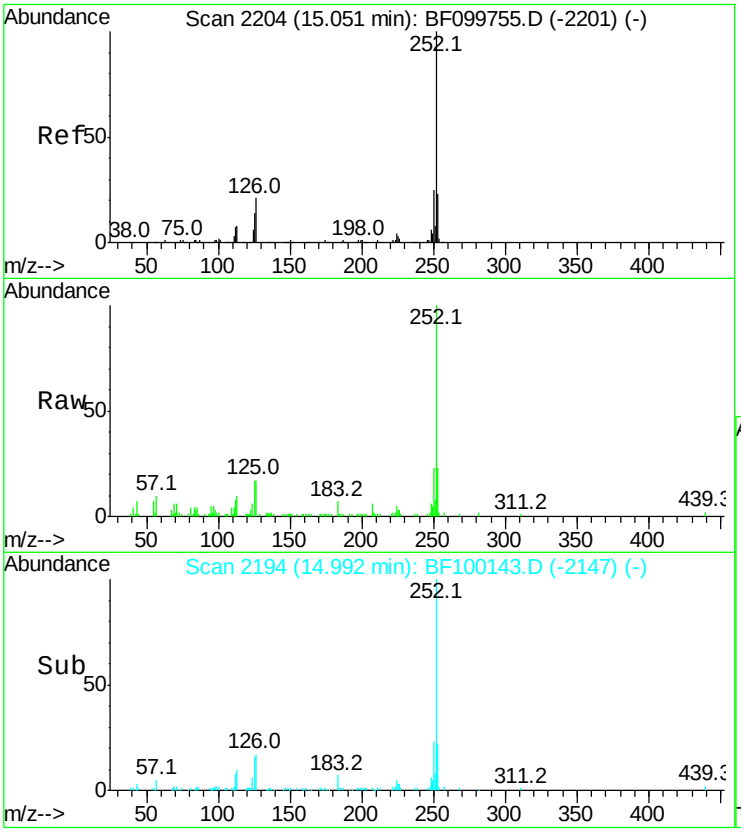


#87
Benzo(b)fluoranthene
Concen: 6.712 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:252 Resp: 71450

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	17.5	9.0	13.6#



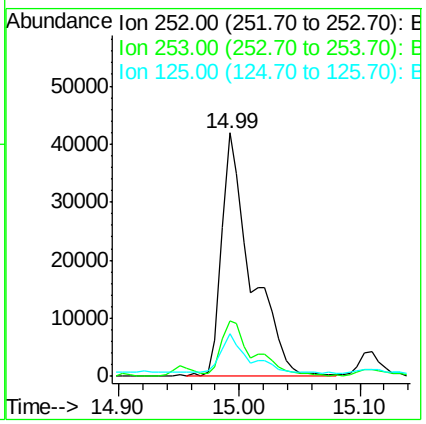


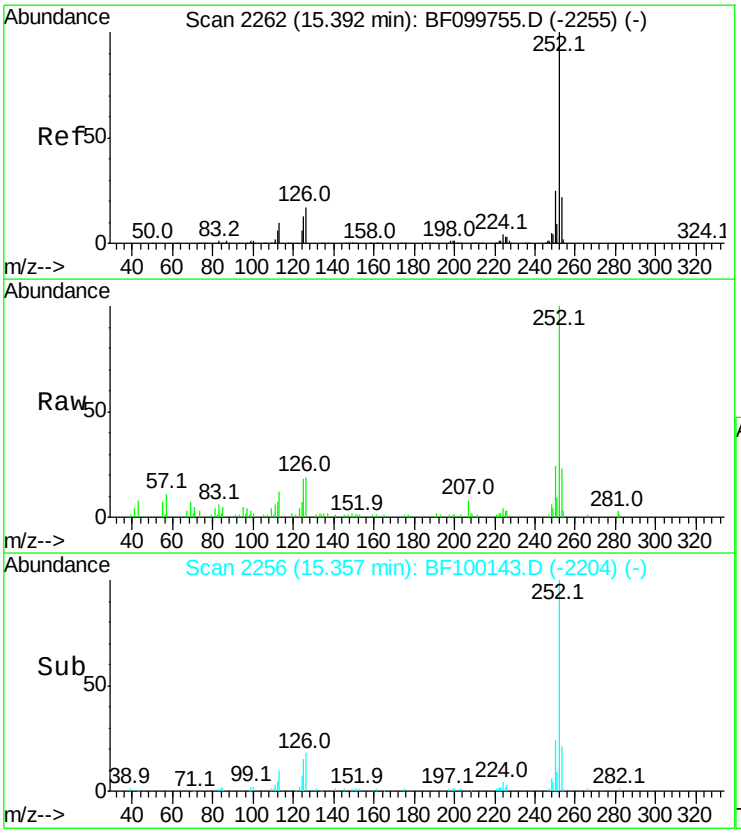
#88
Benzo(k)fluoranthene
Concen: 7.118 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71450

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	17.5	10.2	15.2#

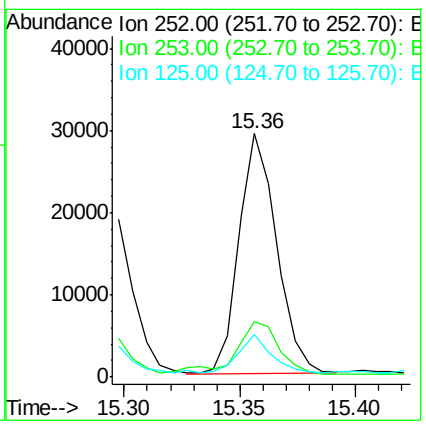


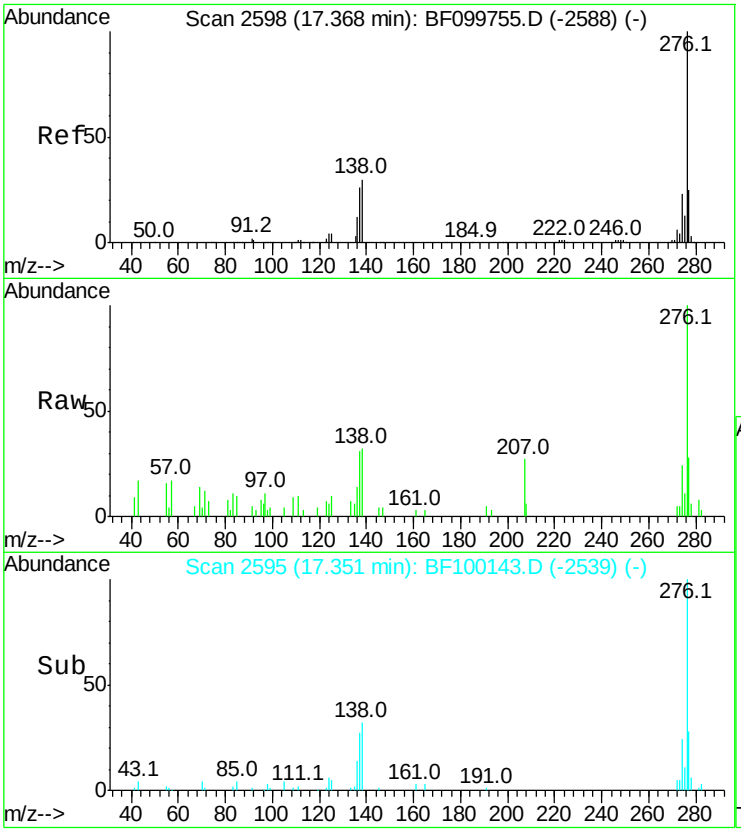


#89
Benzo(a)pyrene
Concen: 3.466 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Tgt Ion:252 Resp: 33138

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	17.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.955 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.03 min
Lab File: BF100143.D
Acq: 3 Nov 2017 19:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 24566

Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	32.5	21.8	32.8