Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101334.D
Acq On : 12 Dec 2017 17:16
Operator : SJ/JU
Sample : I6872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:36:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	48263	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	182921	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	75808	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	126097	20.00	ng		0.00
75) Chrysene-d12	14.01	240	111982	20.00	ng		0.00
86) Perylene-d12	15.49	264	81072	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	283123	96.94	ng		0.00
7) Phenol-d6	6.46	99	370489	104.48	ng		0.00
23) Nitrobenzene-d5	7.39	82	226676	73.92	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	62050	68.14	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	438216	79.09	ng		0.00
78) Terphenyl-d14	12.94	244	349977	68.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	13516	3.428	ng		85
25) Isophorone	7.39	82	226674	43.277	ng	#	64
49) Dimethylphthalate	9.57	163	47629	7.790	ng		99
56) 2,4-Dinitrotoluene	9.86	165	9889	5.730	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	3971	2.813	ng	#	1
70) Phenanthrene	11.37	178	21572	3.107	ng		99
74) Fluoranthene	12.57	202	36140	4.695	ng		94
77) Pyrene	12.80	202	36744	4.755	ng		98
80) Benzo(a)anthracene	14.00	228	22427	3.172	ng	#	93
82) Chrysene	14.03	228	21440	3.265	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	22825	4.700	ng	#	66
88) Benzo(k)fluoranthene	15.05	252	23187	4.847	ng	#	69
89) Benzo(a)pyrene	15.42	252	12335	2.794	ng	#	87
91) Benzo(g,h,i)perylene	17.43	276	8091	2.206	ng	#	82

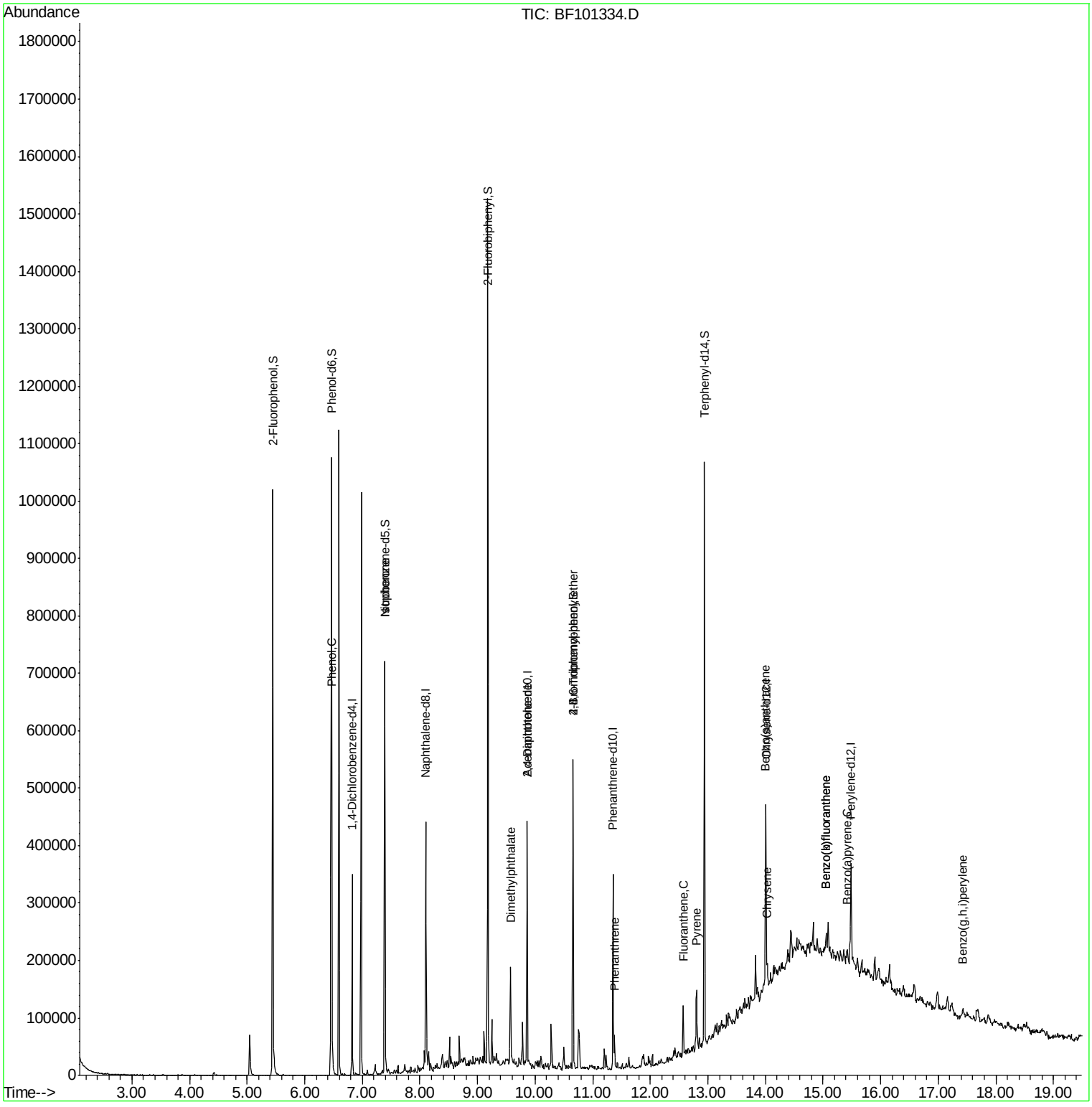
(#) = qualifier out of range (m) = manual integration (+) = signals summed

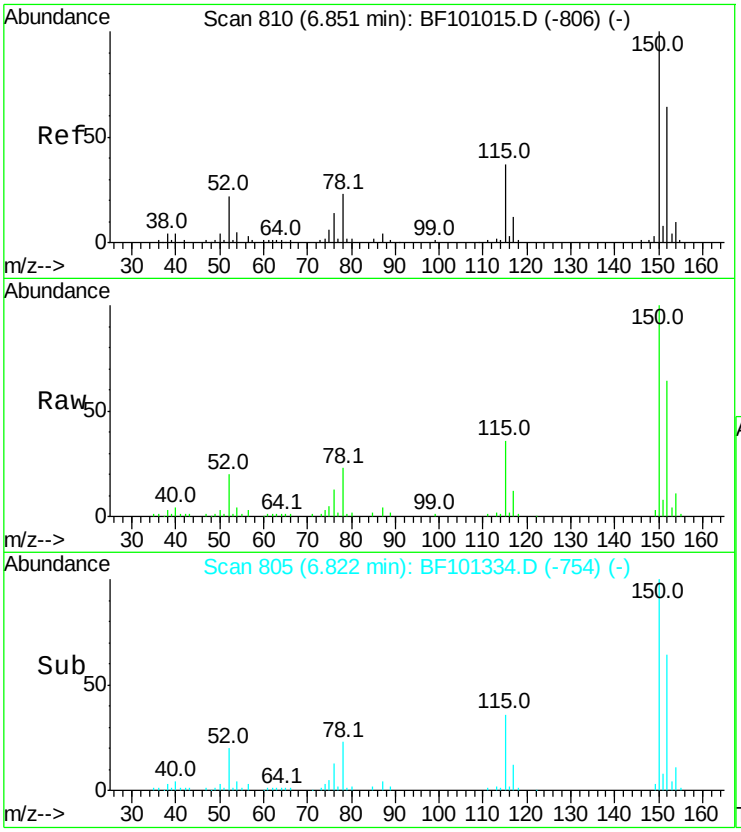
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101334.D
Acq On : 12 Dec 2017 17:16
Operator : SJ/JU
Sample : I6872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 00:36:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



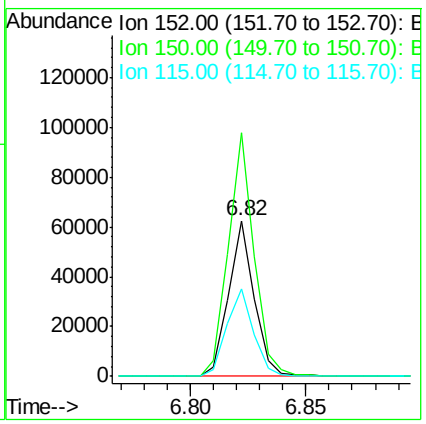


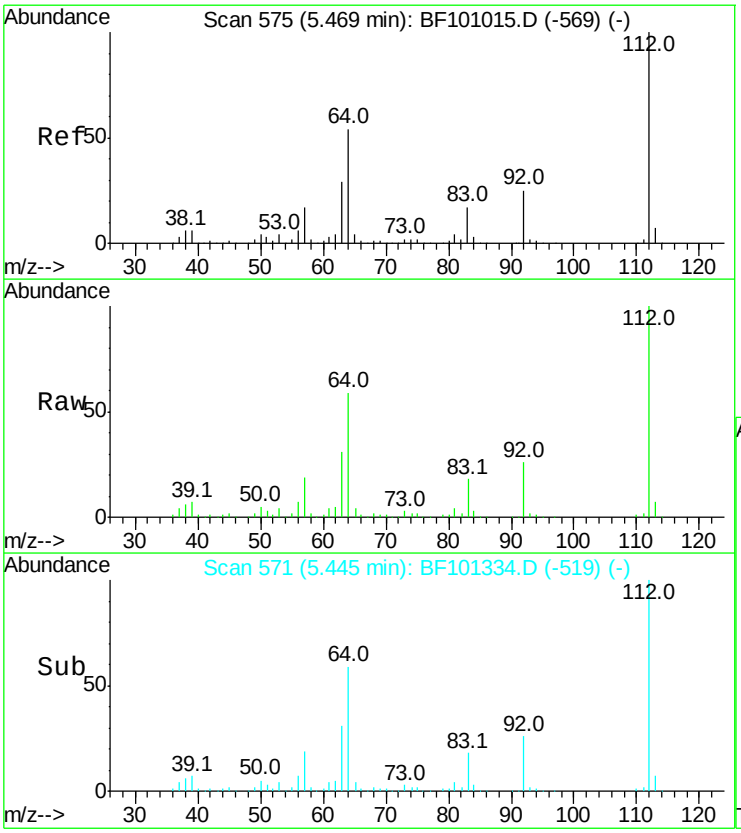
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 48263

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	56.1	50.1	75.1

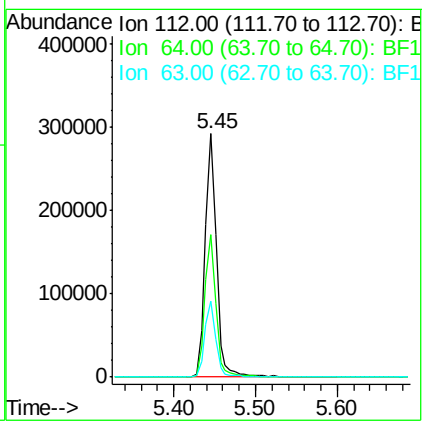


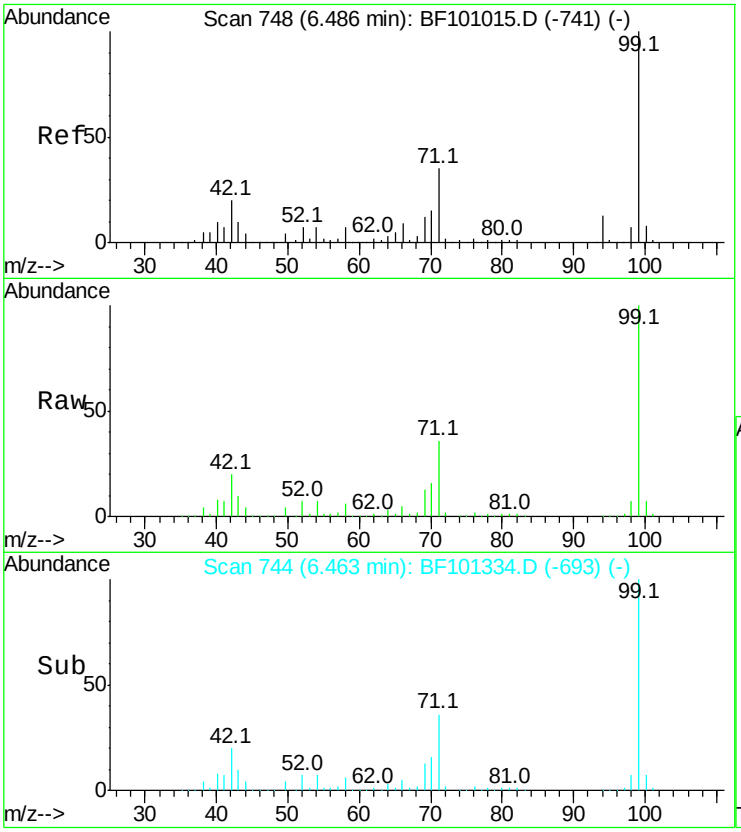


#5
2-Fluorophenol
Concen: 96.937 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:112 Resp: 283123

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.2	23.7	35.5



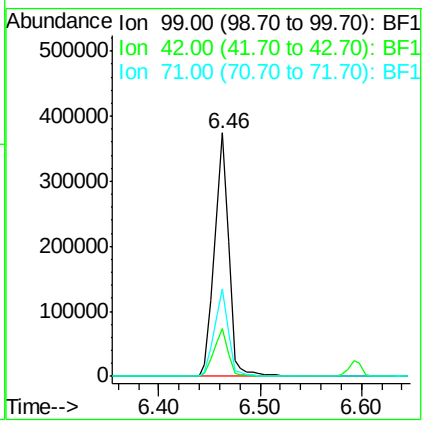


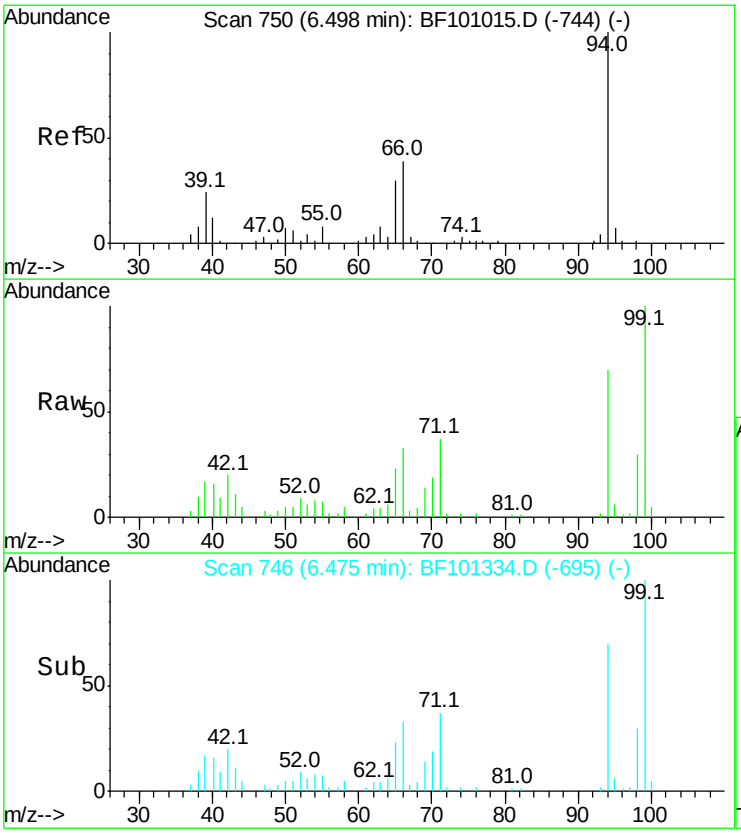
#7
Phenol-d6
Concen: 104.480 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 370489

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	36.0	25.4	38.0

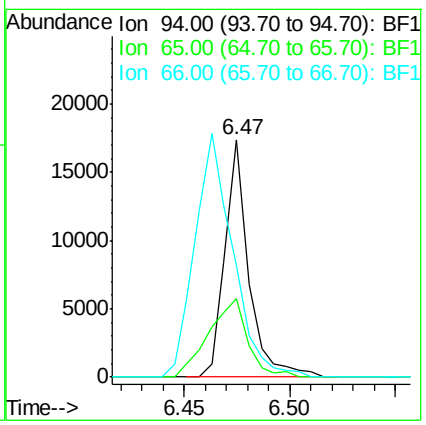


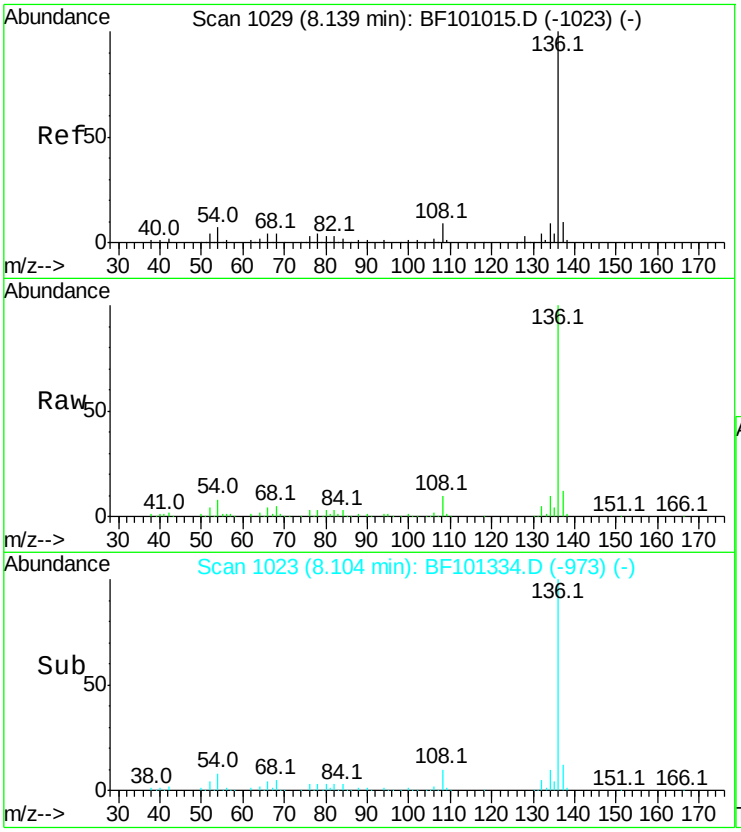


#10
Phenol
Concen: 3.428 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion: 94 Resp: 13516

Ion	Ratio	Lower	Upper
94	100		
65	32.9	7.9	47.9
66	47.2	16.2	56.2



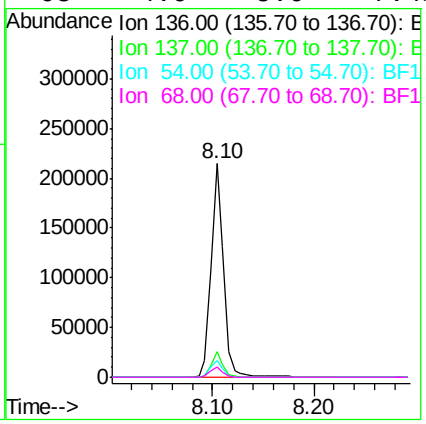


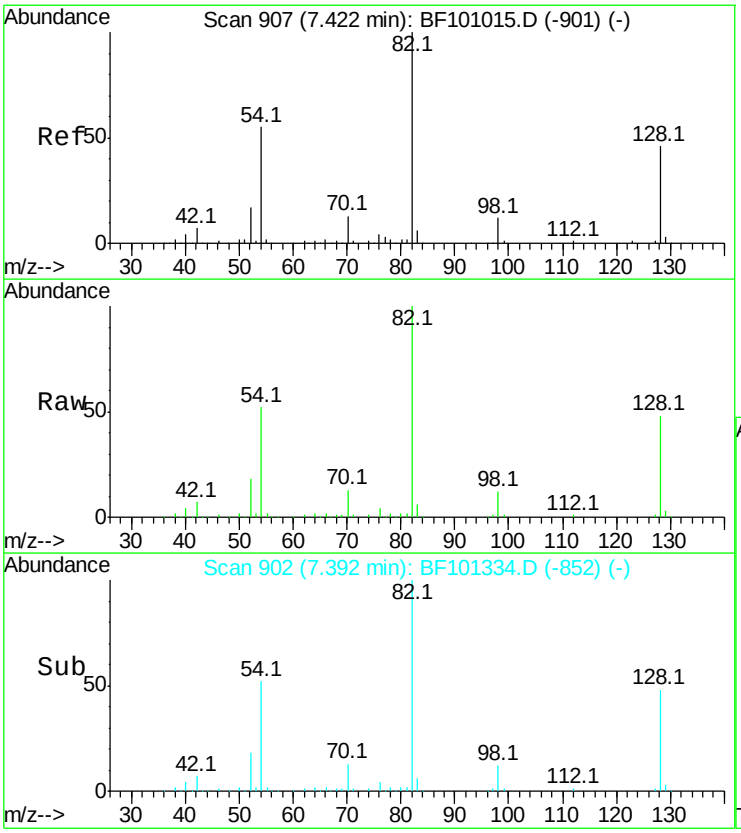
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 182921

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.5	6.6	9.8
68	4.9	5.0	7.4#

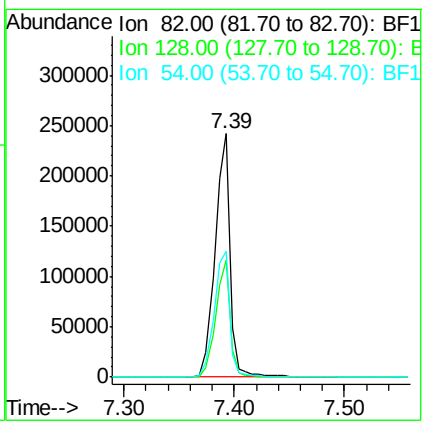


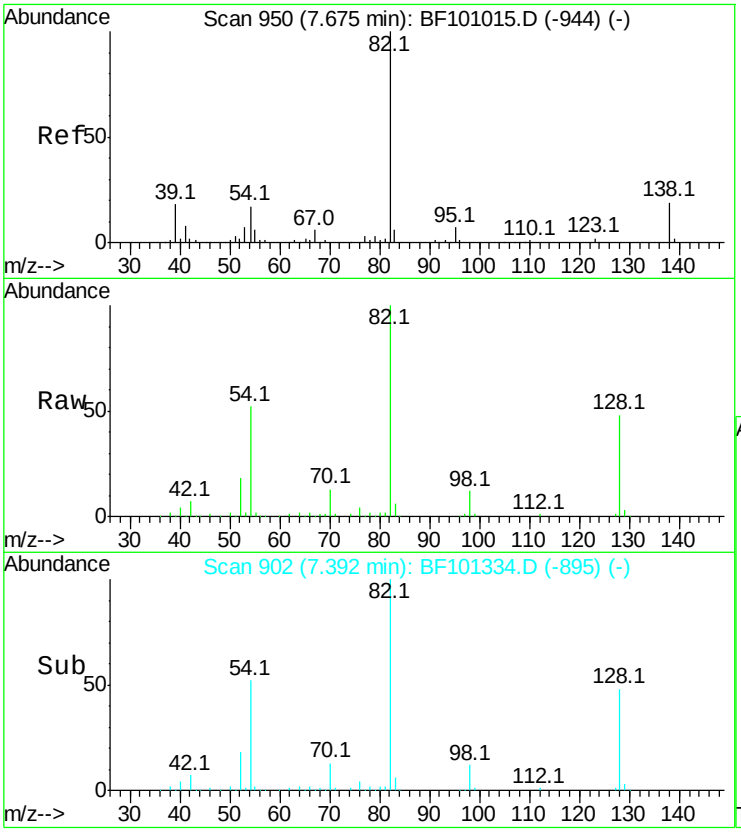


#23
Nitrobenzene-d5
Concen: 73.922 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion: 82 Resp: 226676

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	51.5	41.4	62.2



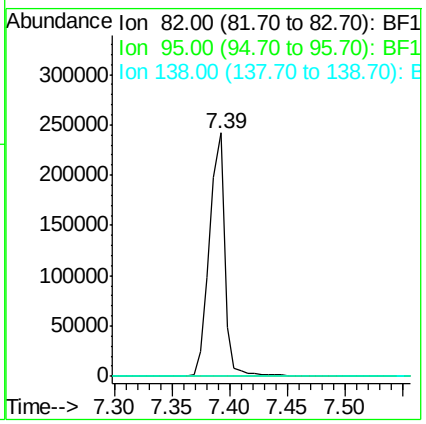


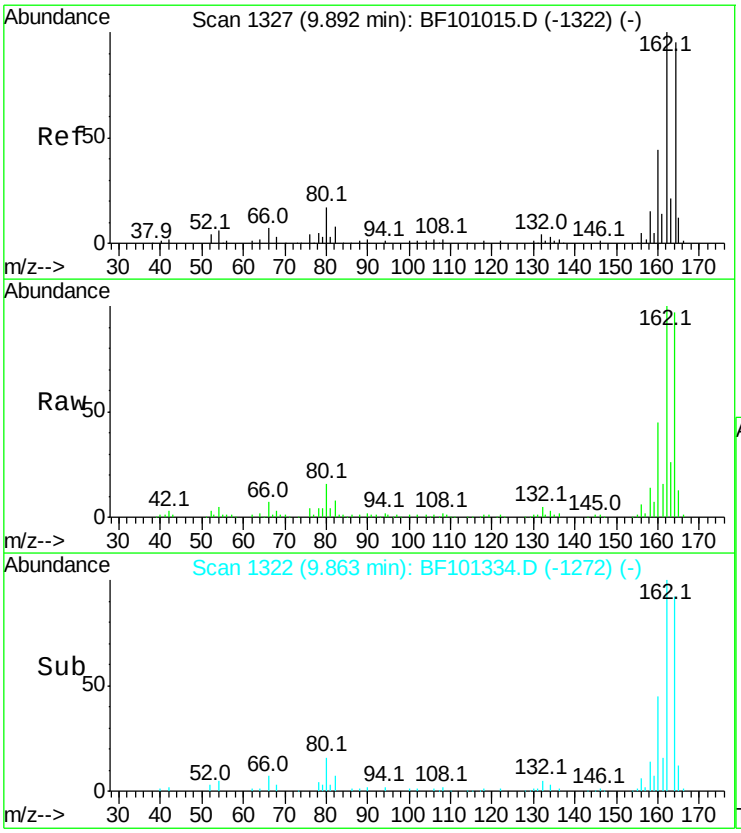
#25
Isophorone
Concen: 43.277 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 226674

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

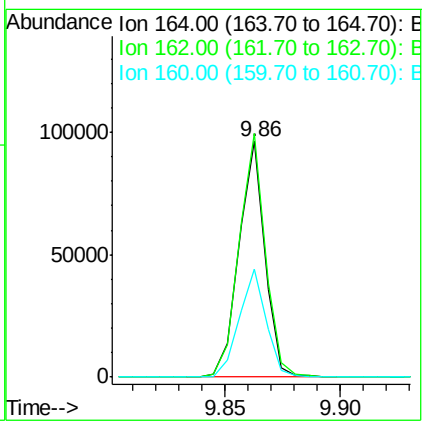


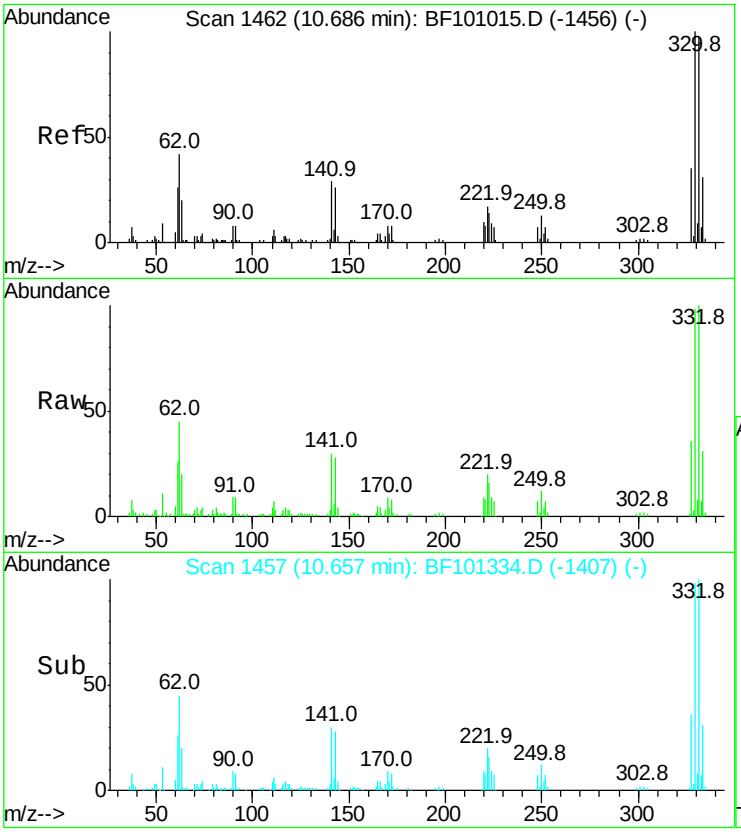


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:164 Resp: 75808

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.1	38.3	57.5



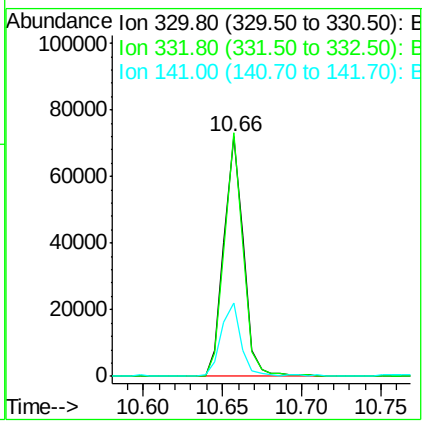


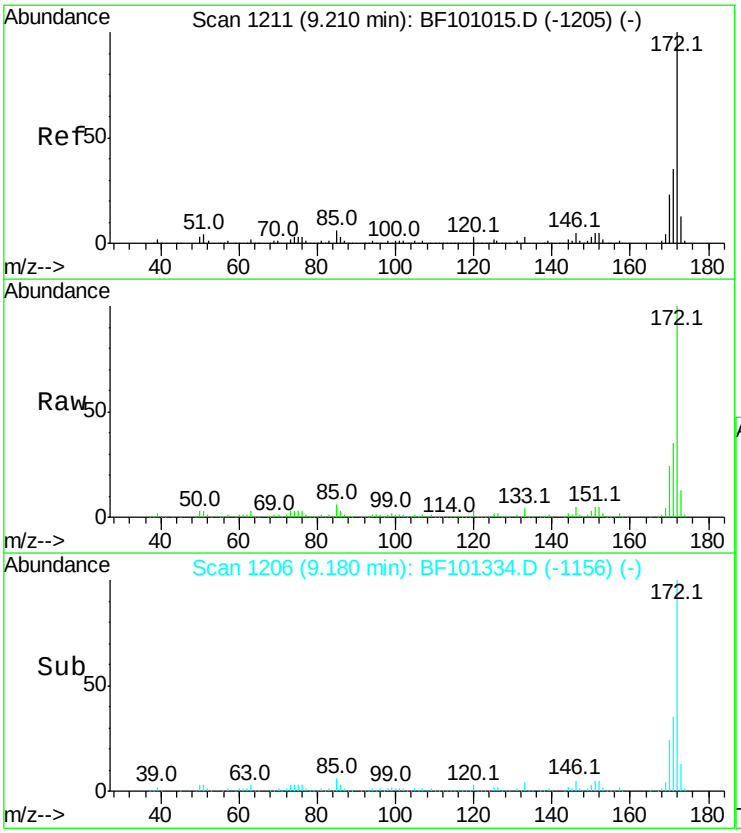
#41
2,4,6-Tribromophenol
Concen: 68.137 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 62050

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.2	29.9	44.9

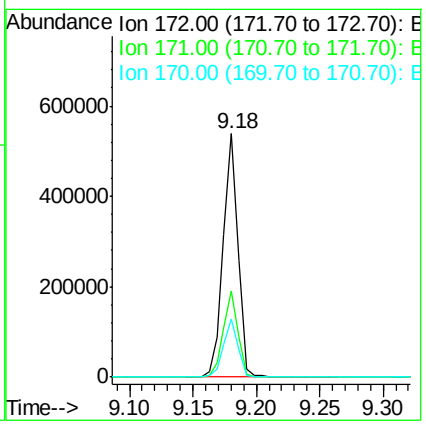


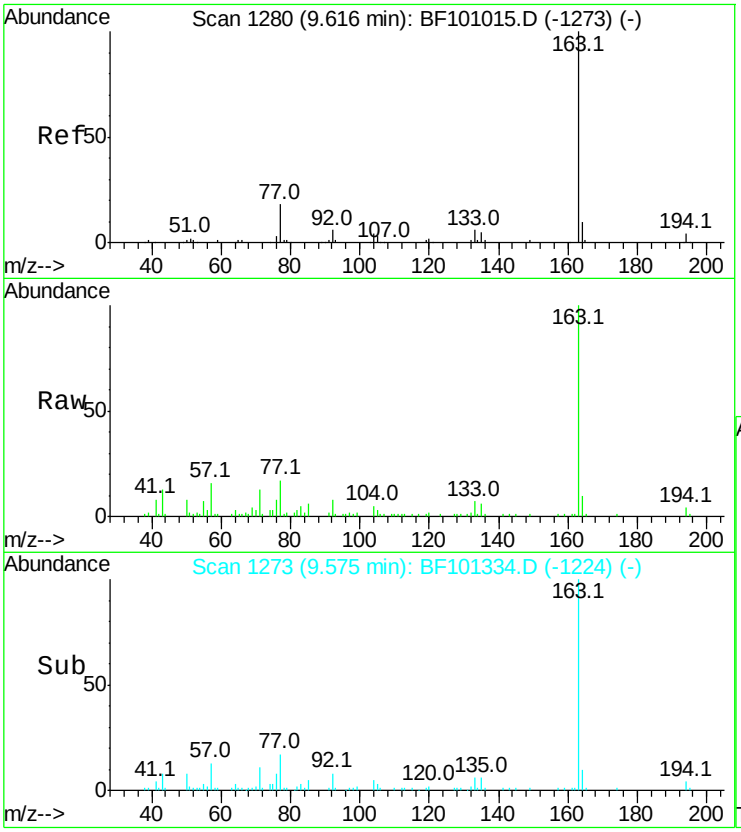


#44
2-Fluorobiphenyl
Concen: 79.090 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:172 Resp: 438216

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.7	19.6	29.4



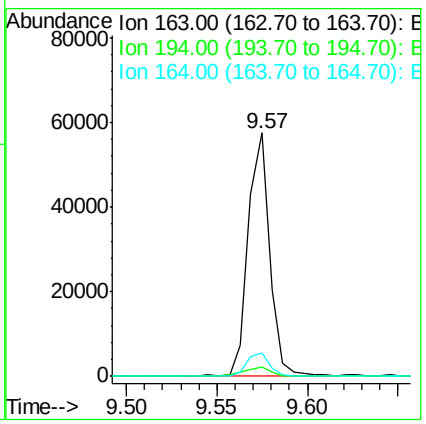


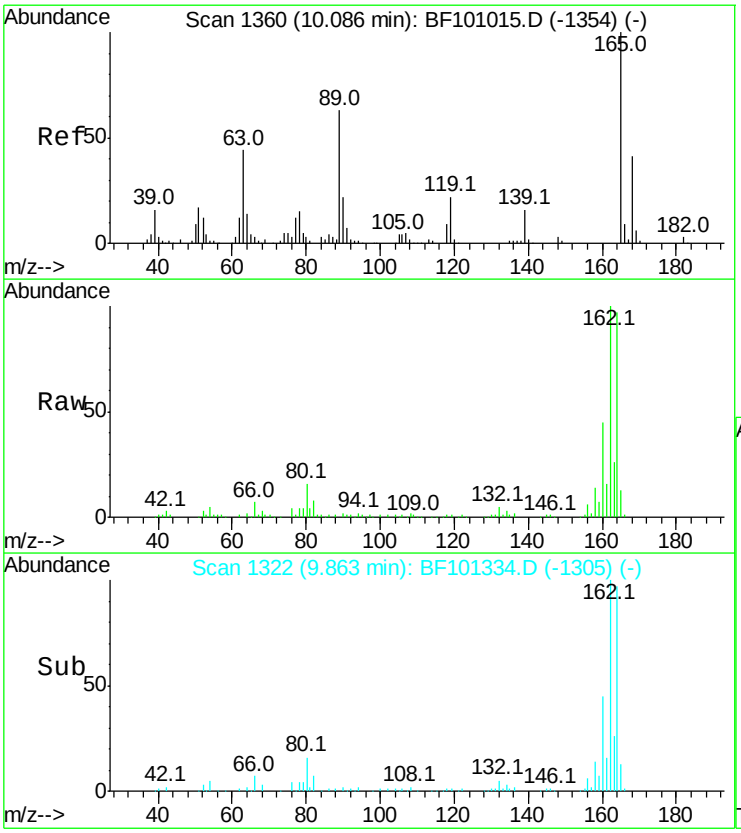
#49
Dimethylphthalate
Concen: 7.790 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47629

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

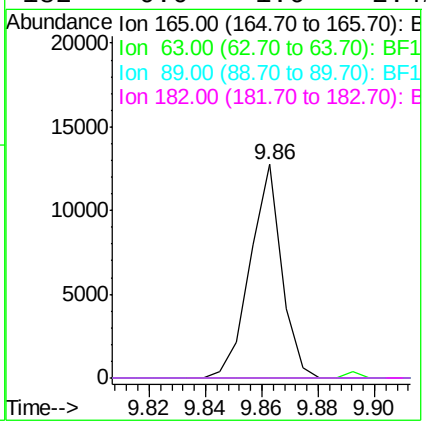


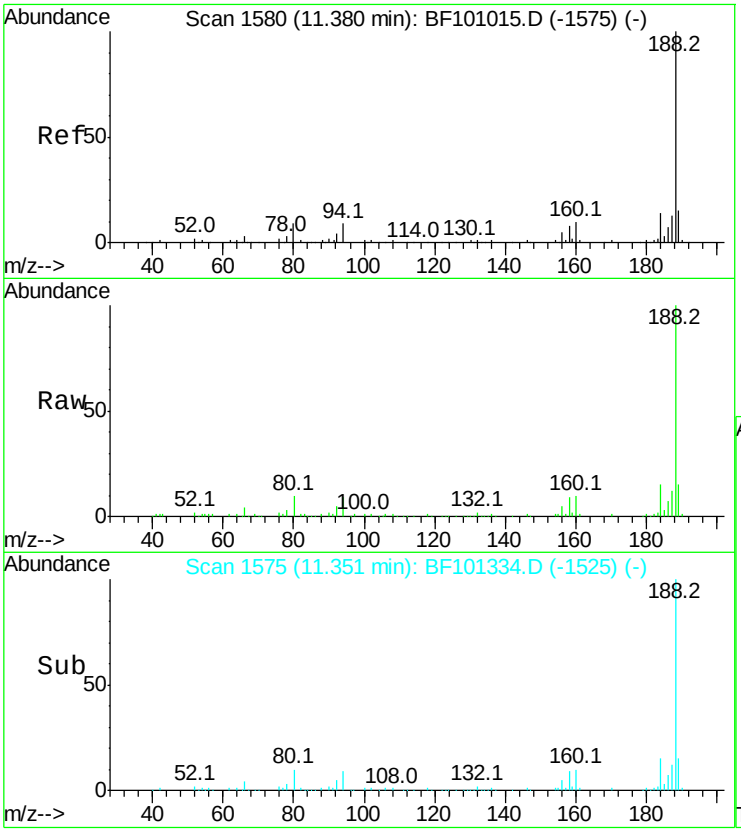


#56
2,4-Dinitrotoluene
Concen: 5.730 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:165 Resp: 9889

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



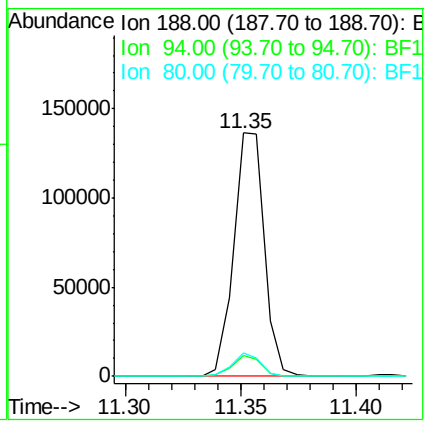


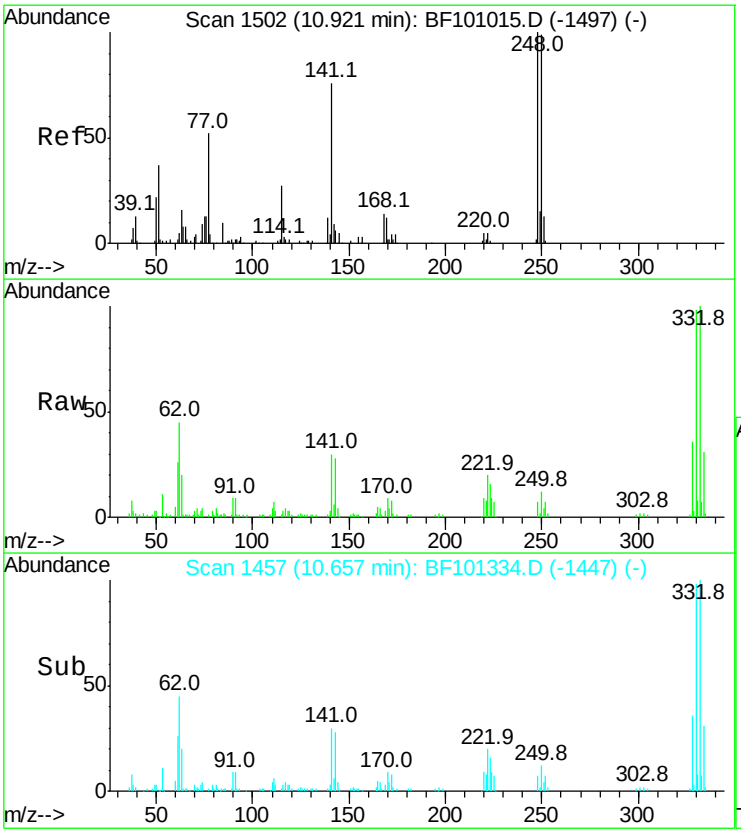
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 126097

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8

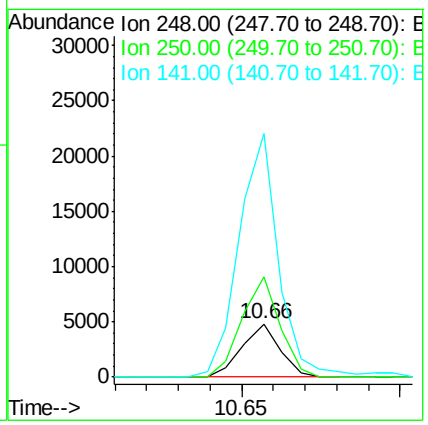


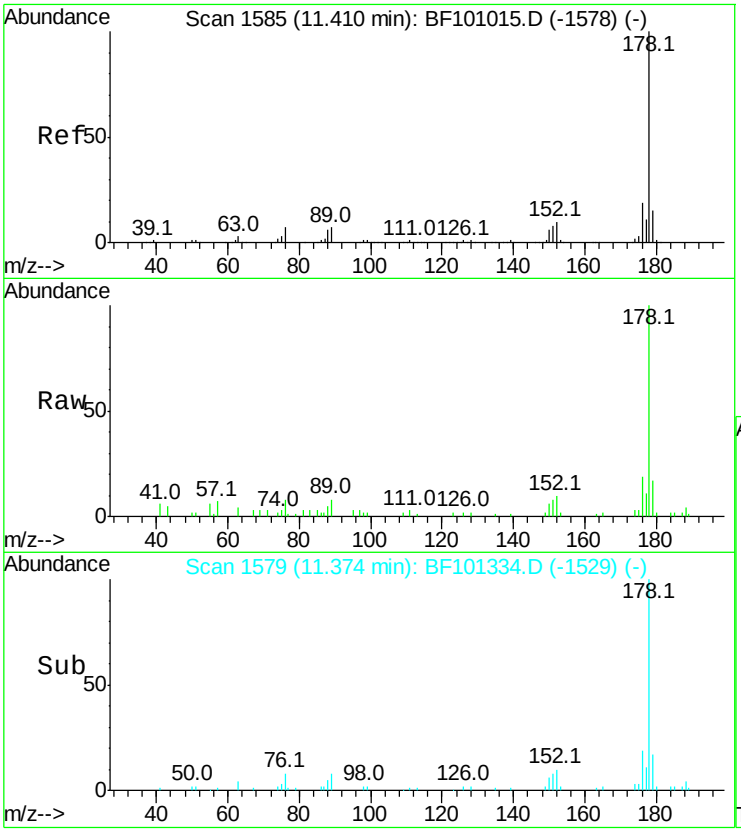


#66
4-Bromophenyl-phenylether
Concen: 2.813 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:248 Resp: 3971

Ion	Ratio	Lower	Upper
248	100		
250	188.4	76.9	115.3#
141	458.3	74.4	111.6#



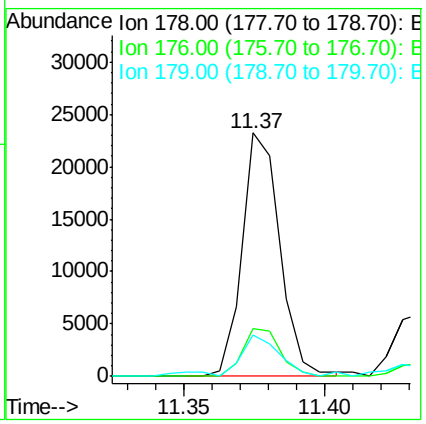


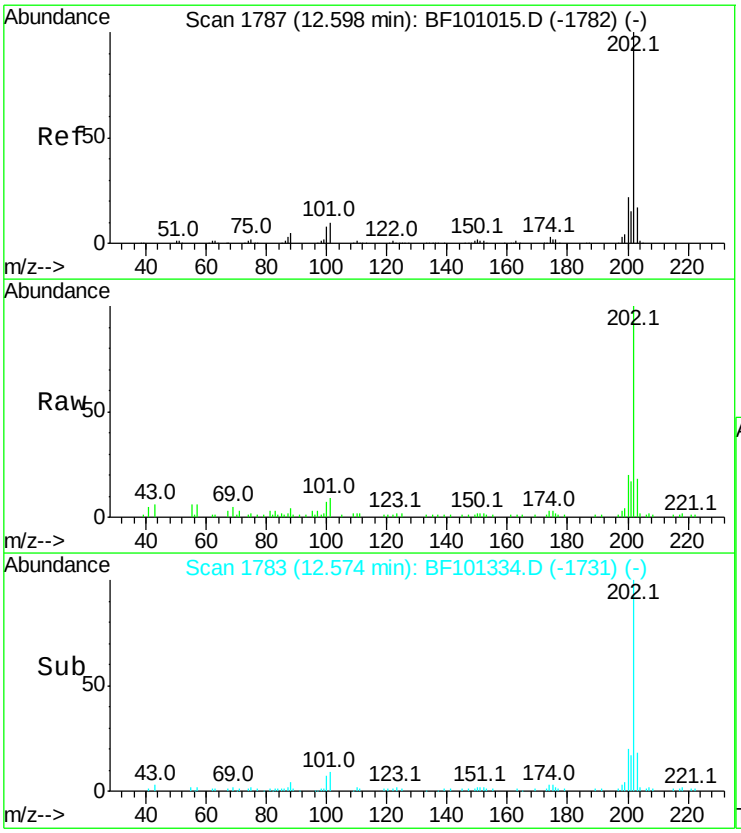
#70
Phenanthrene
Concen: 3.107 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 21572

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.1	13.0	19.6

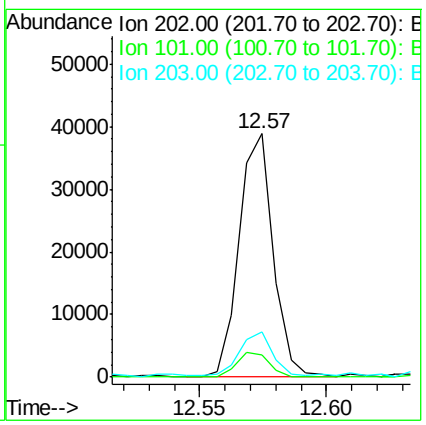


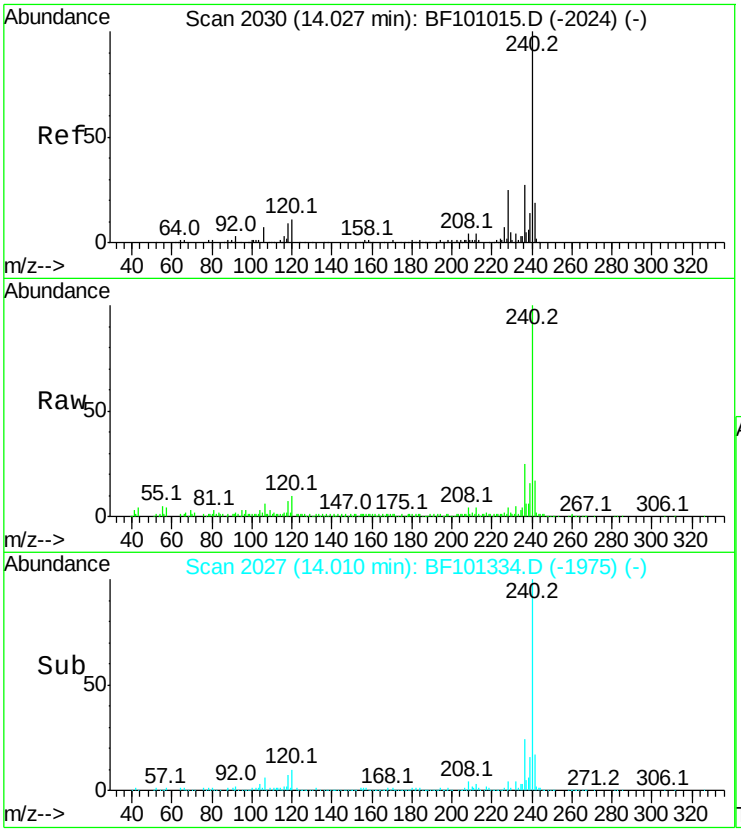


#74
Fluoranthene
Concen: 4.695 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:202 Resp: 36140

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.1
203	18.4	0.0	38.1



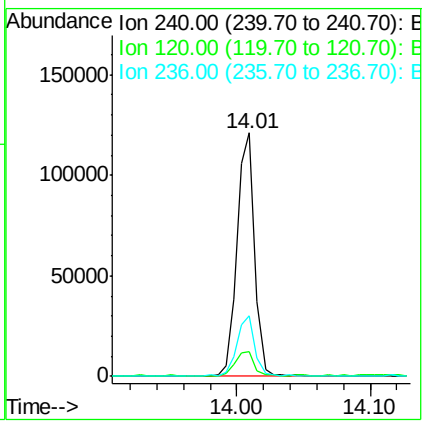


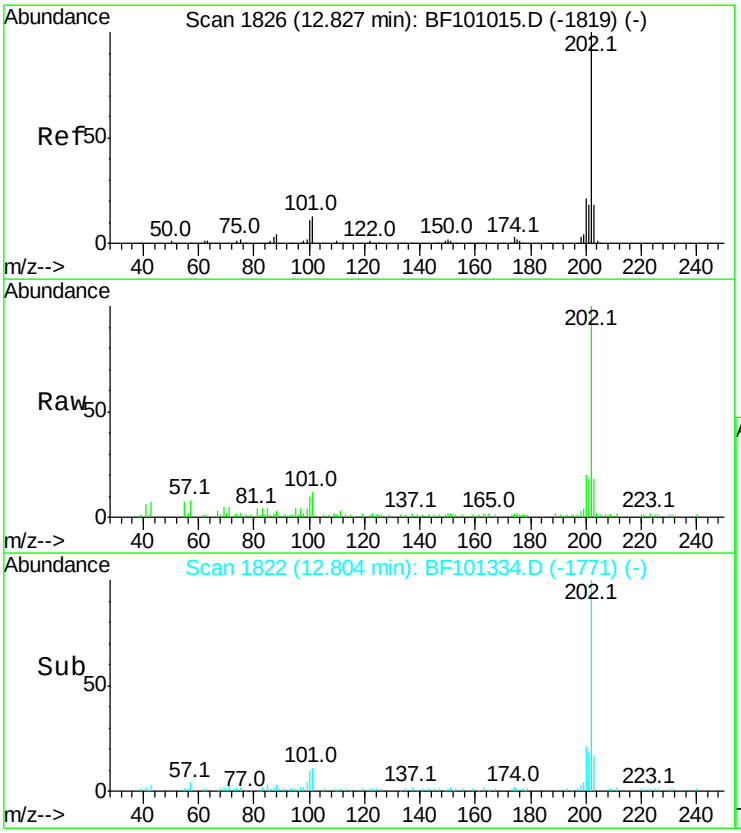
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 111982

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.7	20.7	31.1

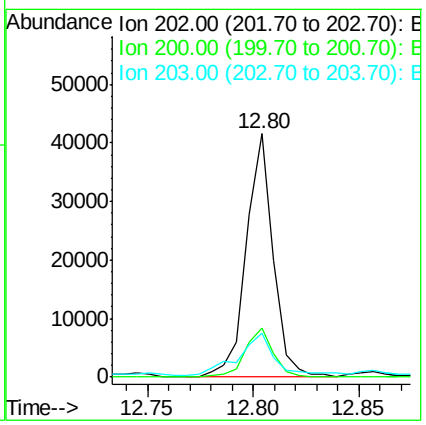


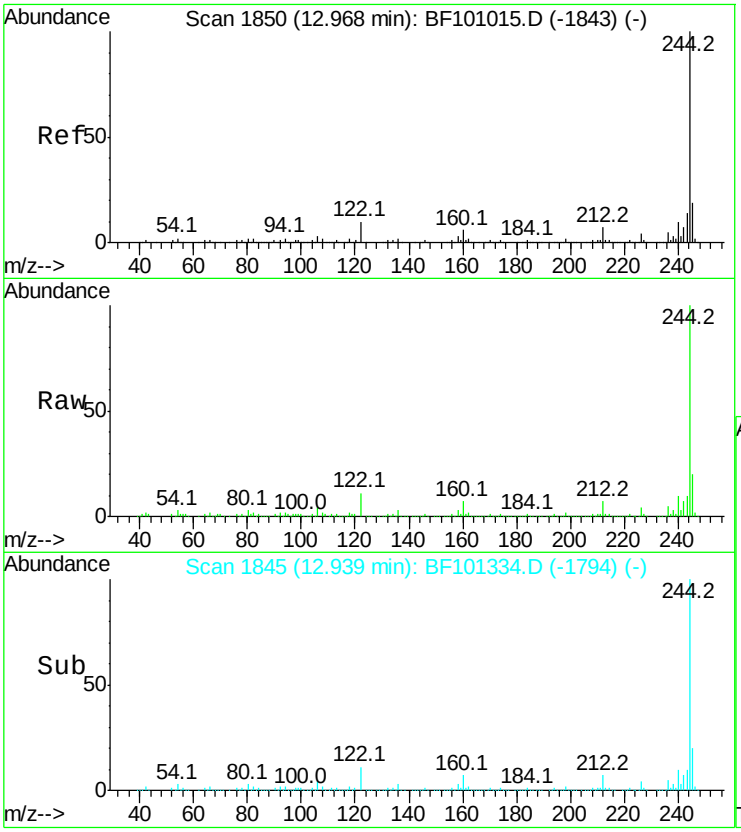


#77
Pyrene
Concen: 4.755 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:202 Resp: 36744

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.3	14.3	21.5



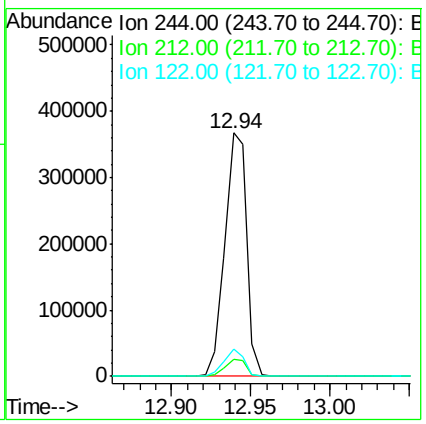


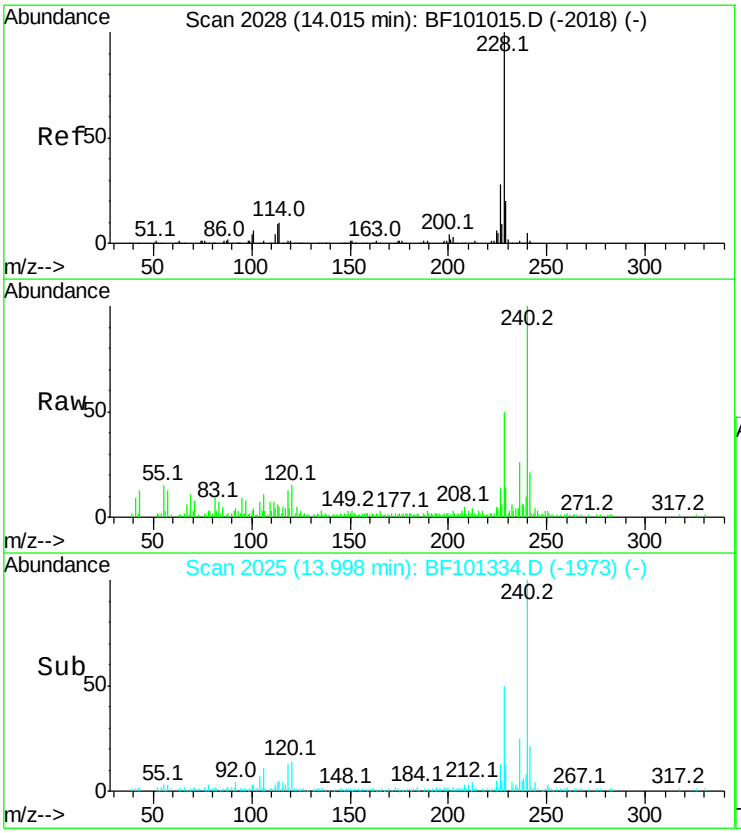
#78
Terphenyl-d14
Concen: 68.358 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 349977

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4

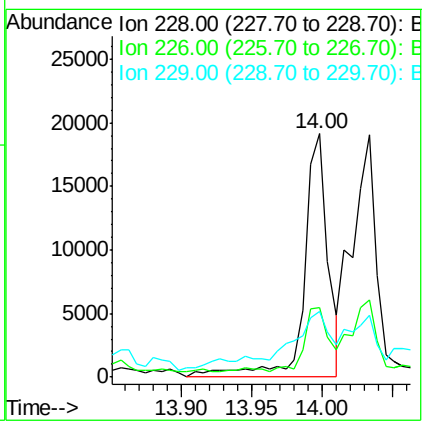


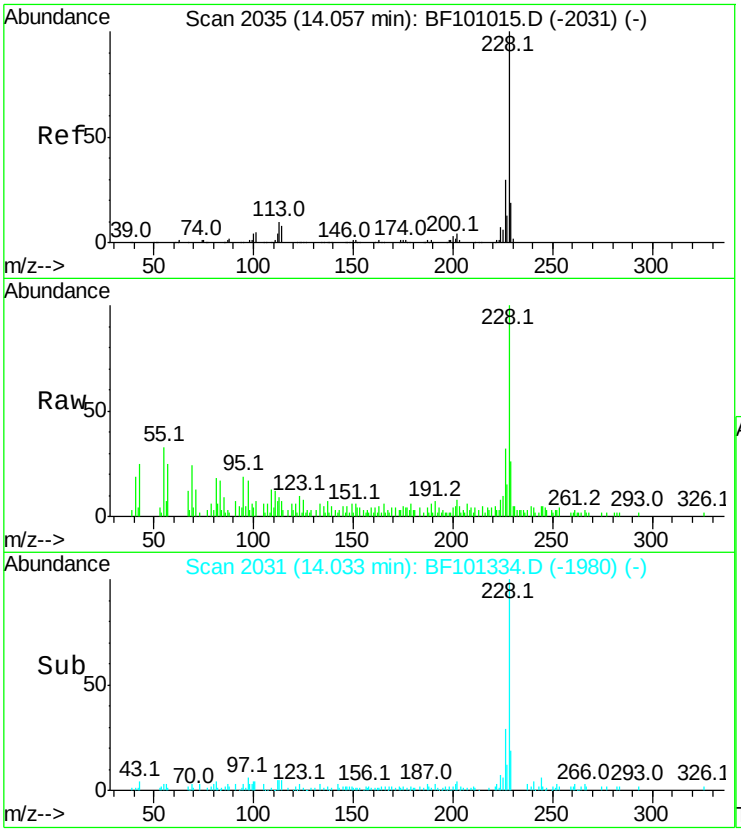


#80
Benzo(a)anthracene
Concen: 3.172 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:228 Resp: 22427

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	27.1	15.8	23.6#



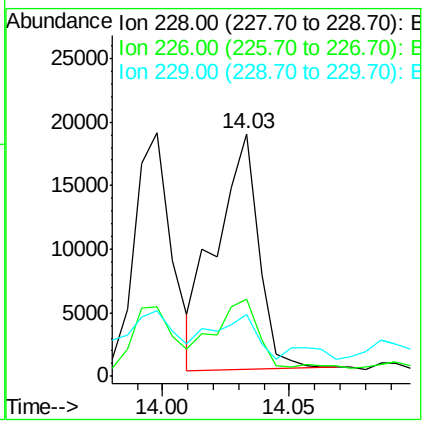


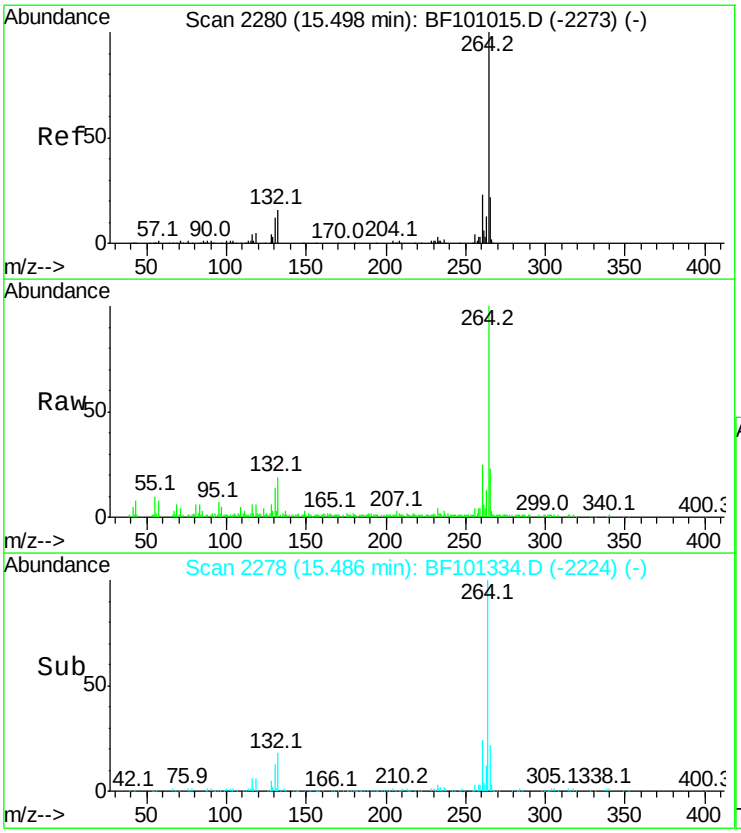
#82
Chrysene
Concen: 3.265 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 21440

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	25.7	16.2	24.4#

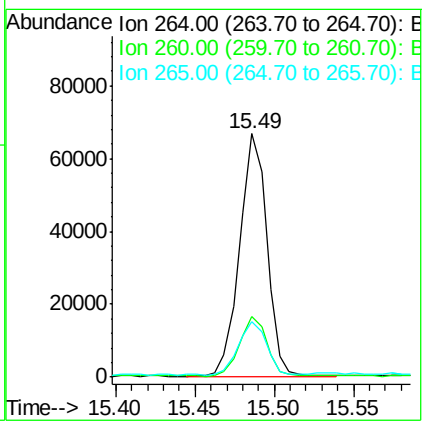


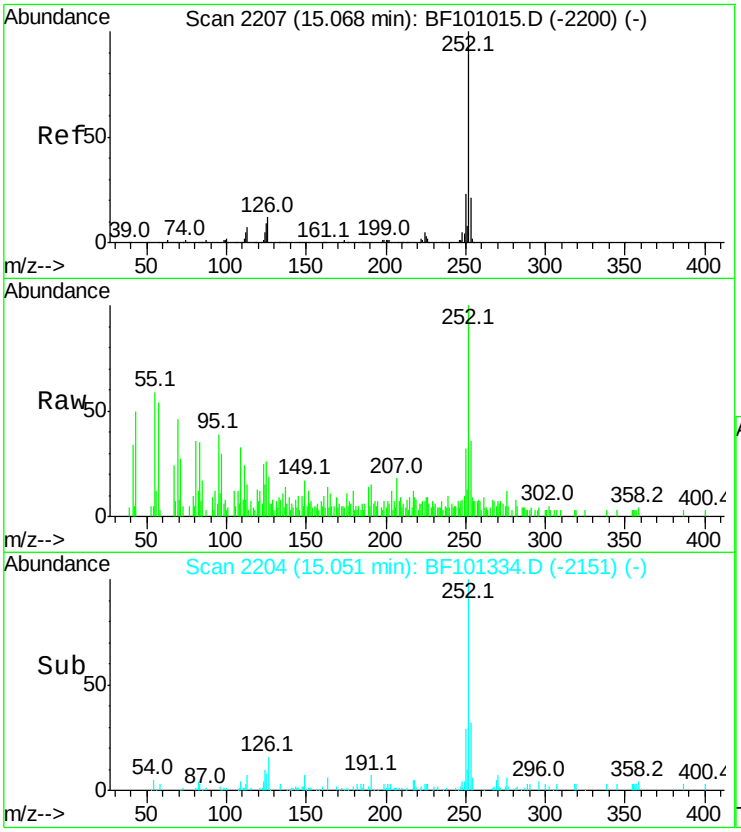


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:264 Resp: 81072

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.8	17.5	26.3



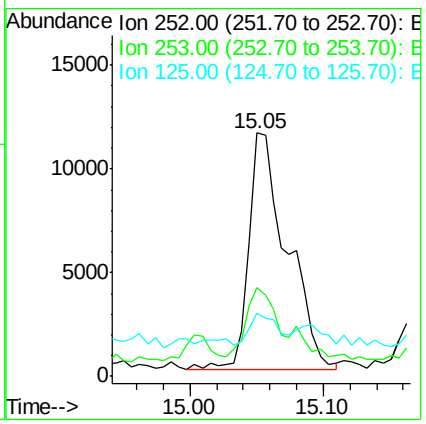


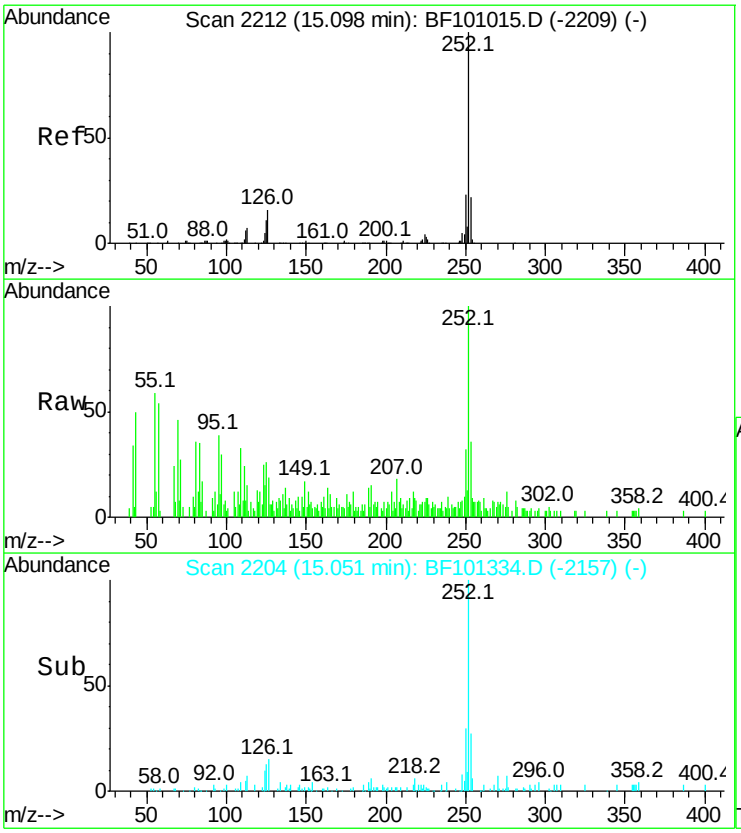
#87
Benzo(b)fluoranthene
Concen: 4.700 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22825

Ion	Ratio	Lower	Upper
252	100		
253	36.2	17.0	25.6#
125	26.1	9.0	13.6#

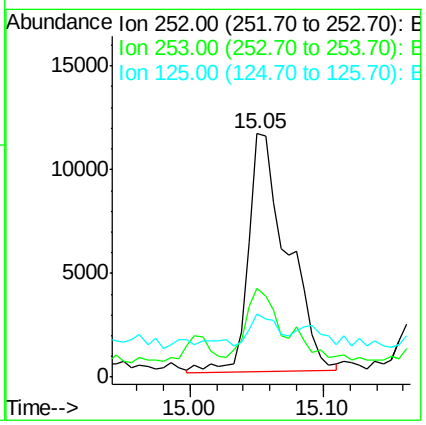


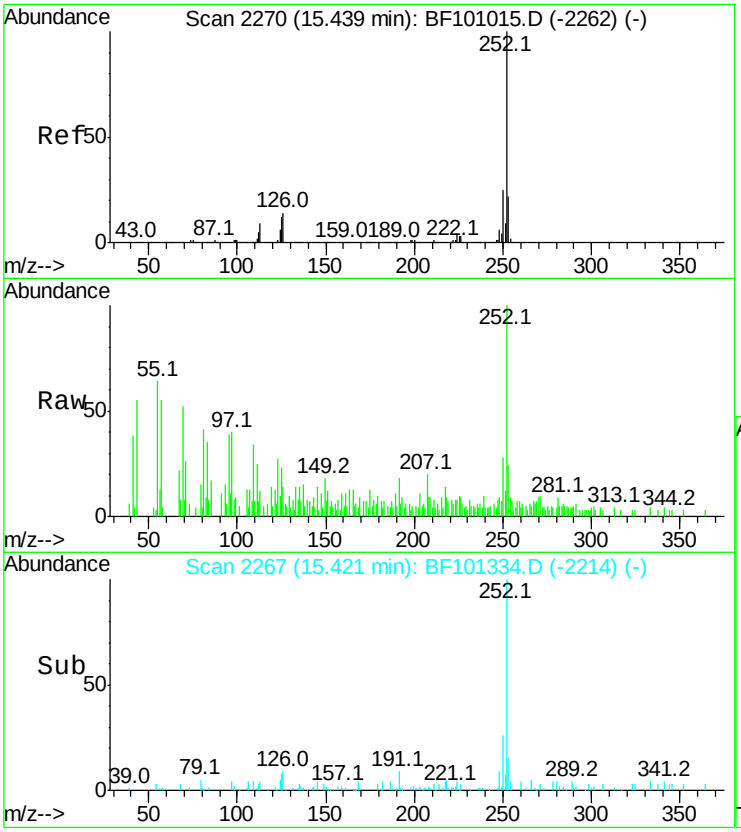


#88
Benzo(k)fluoranthene
Concen: 4.847 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:252 Resp: 23187

Ion	Ratio	Lower	Upper
252	100		
253	36.2	17.9	26.9#
125	26.1	10.2	15.2#



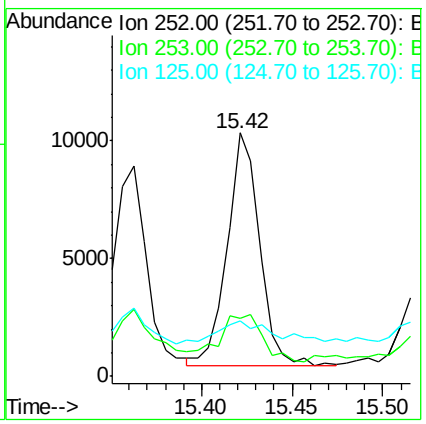


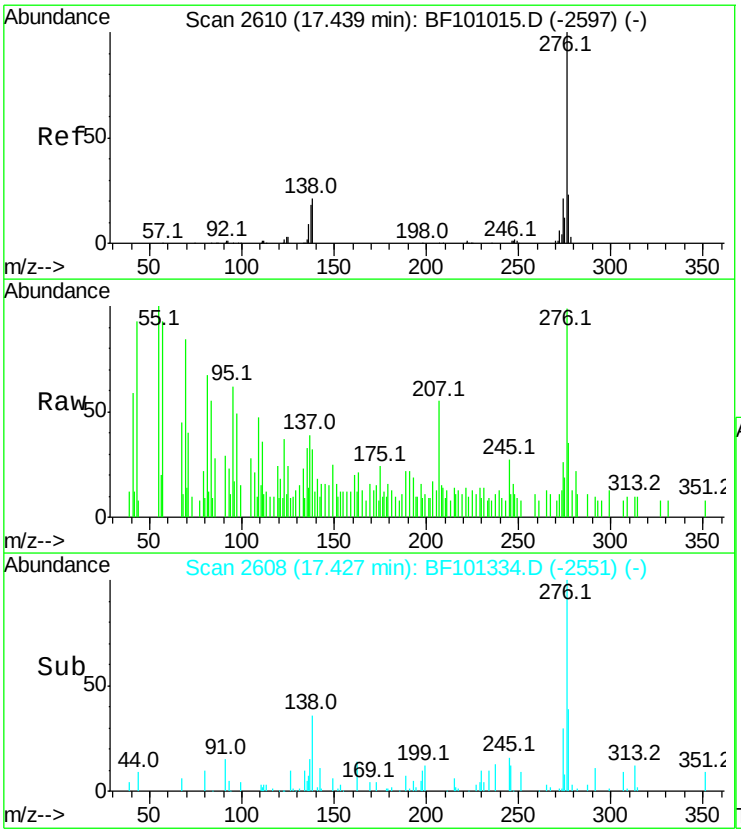
#89
Benzo(a)pyrene
Concen: 2.794 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 12335

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	22.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.206 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion:276 Resp: 8091

Ion	Ratio	Lower	Upper
276	100		
277	35.6	17.9	26.9#
138	32.3	21.8	32.8