Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101354.D
Acq On : 13 Dec 2017 3:17
Operator : SJ/JU
Sample : I6813-01DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 05:08:13 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	45850	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	173467	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	71242	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	120094	20.00	ng		0.00
75) Chrysene-d12	14.01	240	101334	20.00	ng		0.00
86) Perylene-d12	15.49	264	86591	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	145488	52.43	ng		0.00
7) Phenol-d6	6.46	99	174938	51.93	ng		0.00
23) Nitrobenzene-d5	7.39	82	101060	34.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	35462	41.44	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	201836	38.76	ng		-0.01
78) Terphenyl-d14	12.94	244	147433	31.82	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	12610	5.558	ng	#	79
25) Isophorone	7.39	82	101070	20.348	ng	#	64
48) Acenaphthylene	9.72	152	83556	10.968	ng		99
49) Dimethylphthalate	9.57	163	13147	2.288	ng		98
50) 2,6-Dinitrotoluene	9.86	165	9759	8.064	ng	#	24
57) Fluorene	10.41	166	10922	2.044	ng		98
70) Phenanthrene	11.38	178	109777	16.599	ng		95
71) Anthracene	11.43	178	43225	6.458	ng		98
74) Fluoranthene	12.57	202	138119	18.840	ng		93
77) Pyrene	12.80	202	289642	41.423	ng		100
79) Butylbenzylphthalate	13.41	149	24773	8.036	ng		86
80) Benzo(a)anthracene	14.03	228	96153	15.028	ng		96
82) Chrysene	14.03	228	96153	16.182	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	47677	9.025	ng	#	88
87) Benzo(b)fluoranthene	15.06	252	131681	25.389	ng		99
88) Benzo(k)fluoranthene	15.06	252	131681	25.770	ng		96
89) Benzo(a)pyrene	15.42	252	95182	20.186	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	9412	2.264	ng		93
91) Benzo(g,h,i)perylene	17.67	276	8553	2.183	ng		97

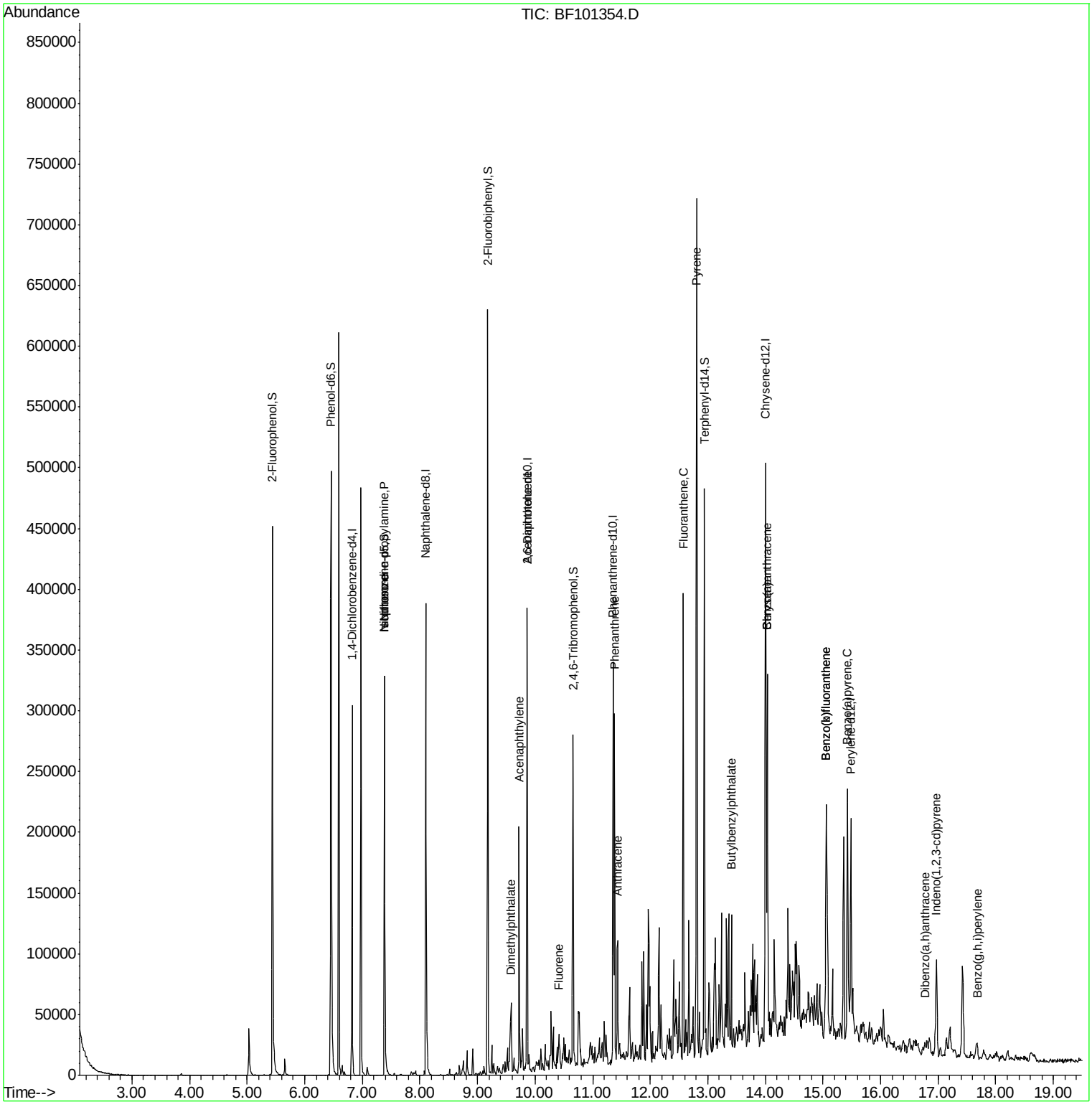
(#) = qualifier out of range (m) = manual integration (+) = signals summed

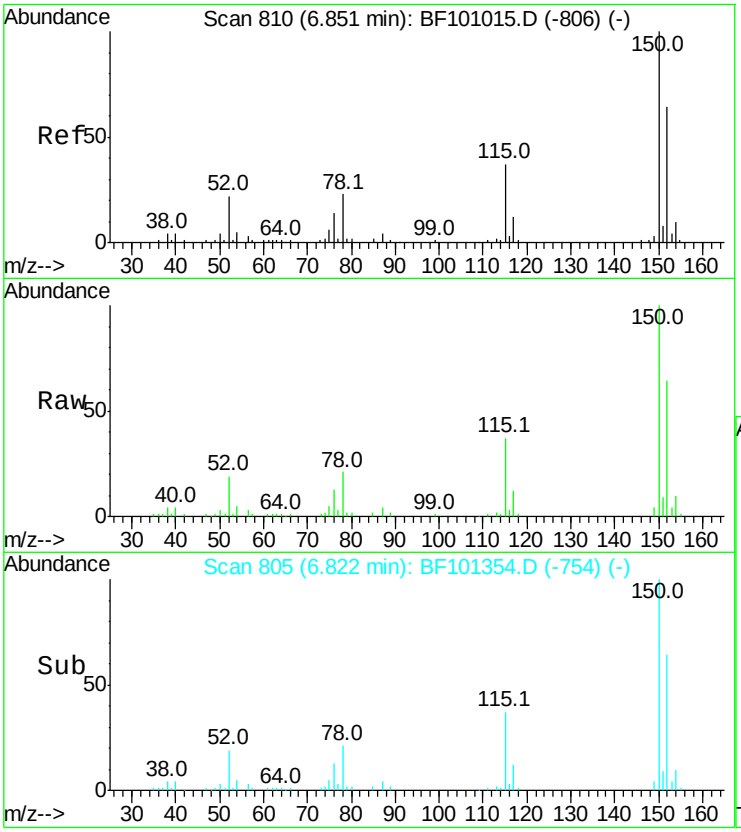
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101354.D
Acq On : 13 Dec 2017 3:17
Operator : SJ/JU
Sample : I6813-01DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 05:08:13 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



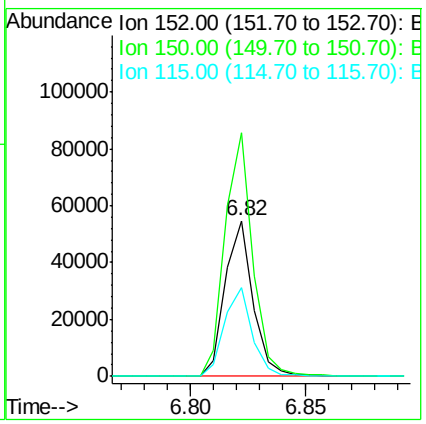


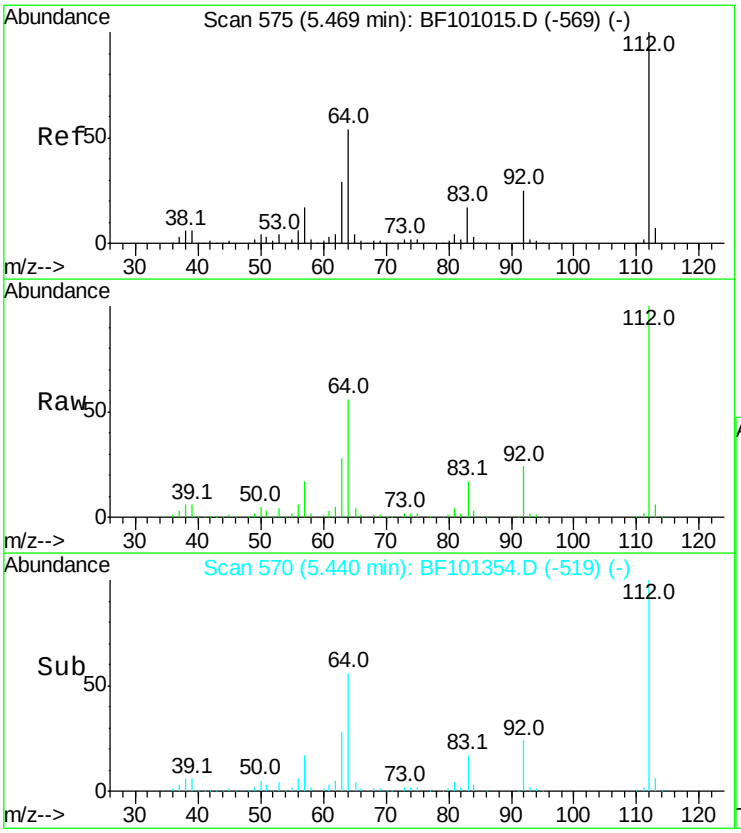
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45850

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.4	50.1	75.1

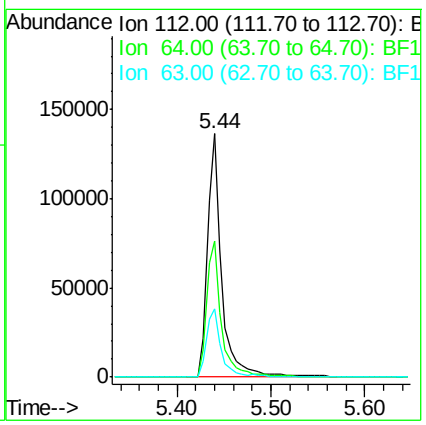


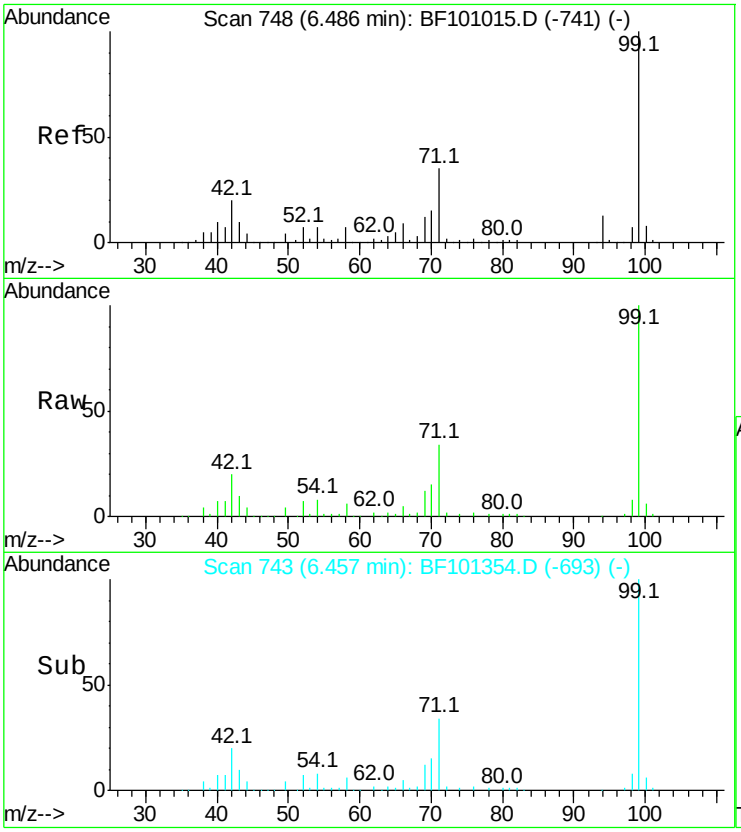


#5
2-Fluorophenol
Concen: 52.434 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:112 Resp: 145488

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.0	23.7	35.5



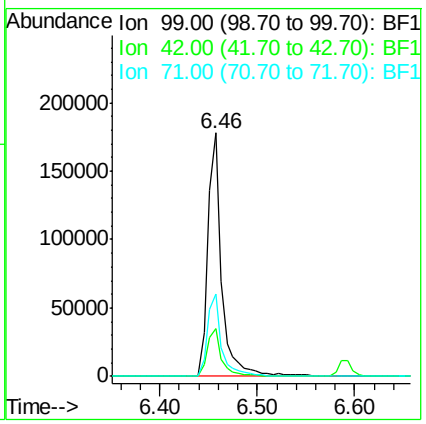


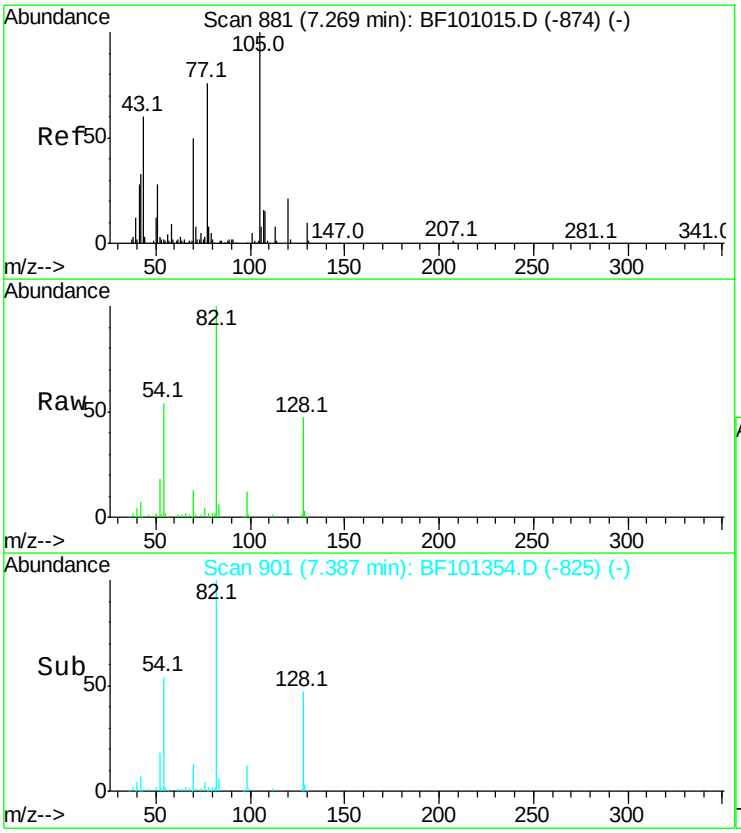
#7
Phenol-d6
Concen: 51.930 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 174938

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.6	25.4	38.0

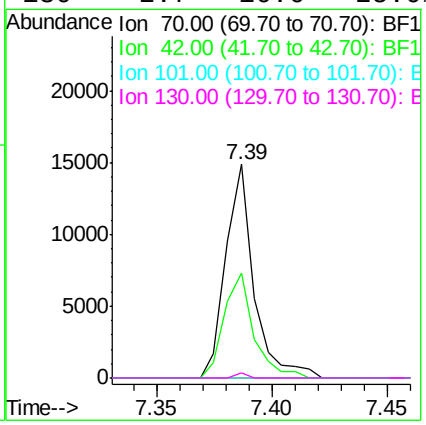


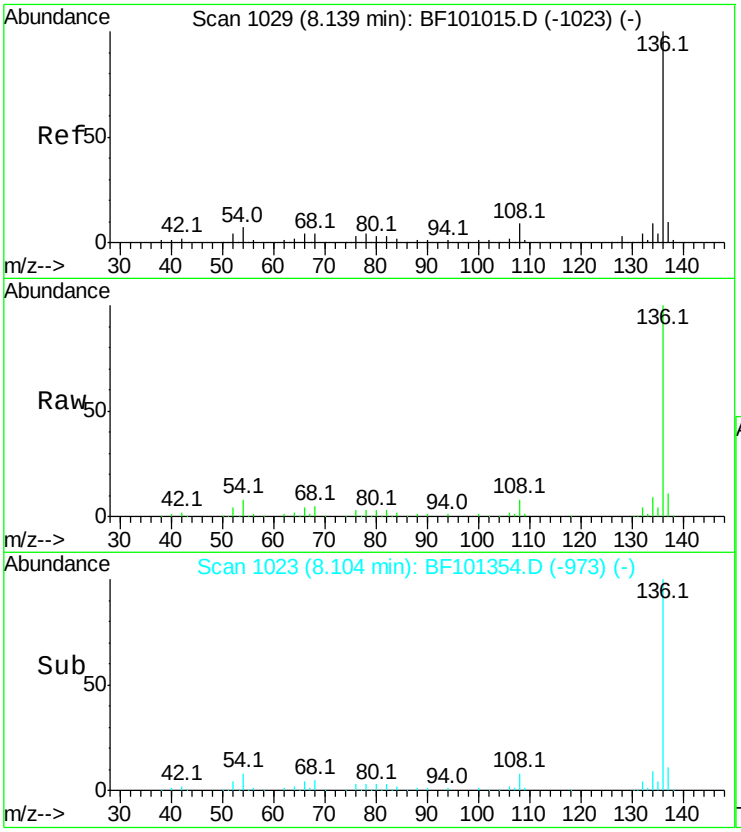


#19
n-Nitroso-di-n-propylamine
Concen: 5.558 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion: 70 Resp: 12610

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



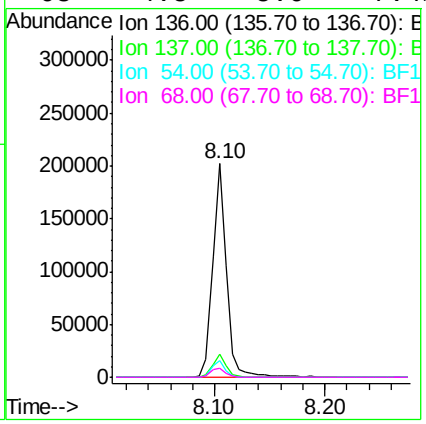


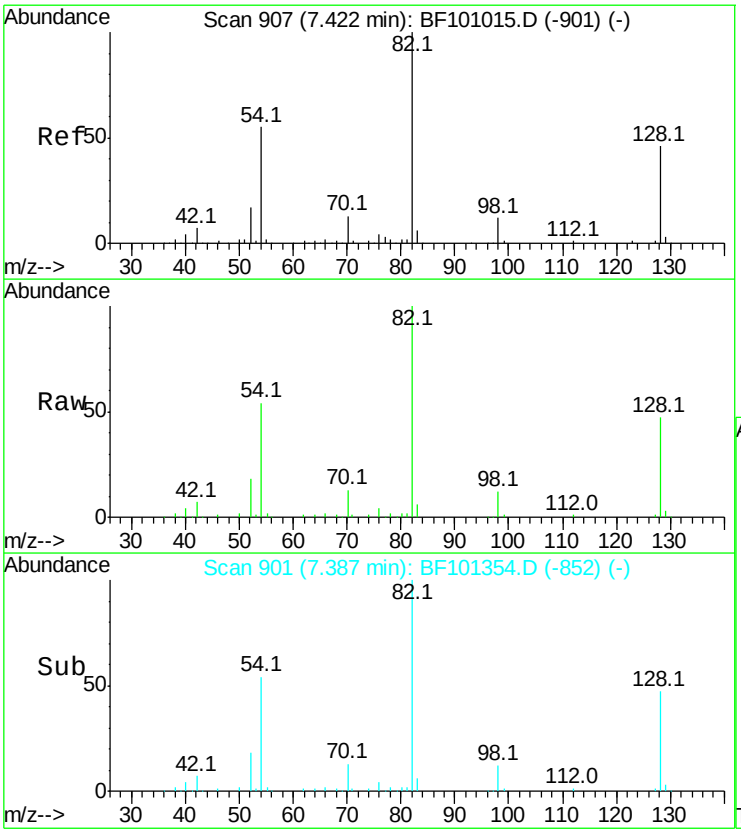
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 173467

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	4.5	5.0	7.4#

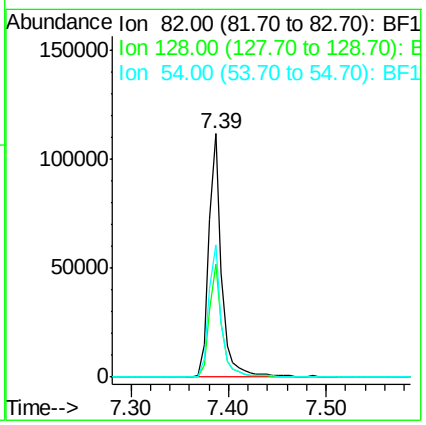


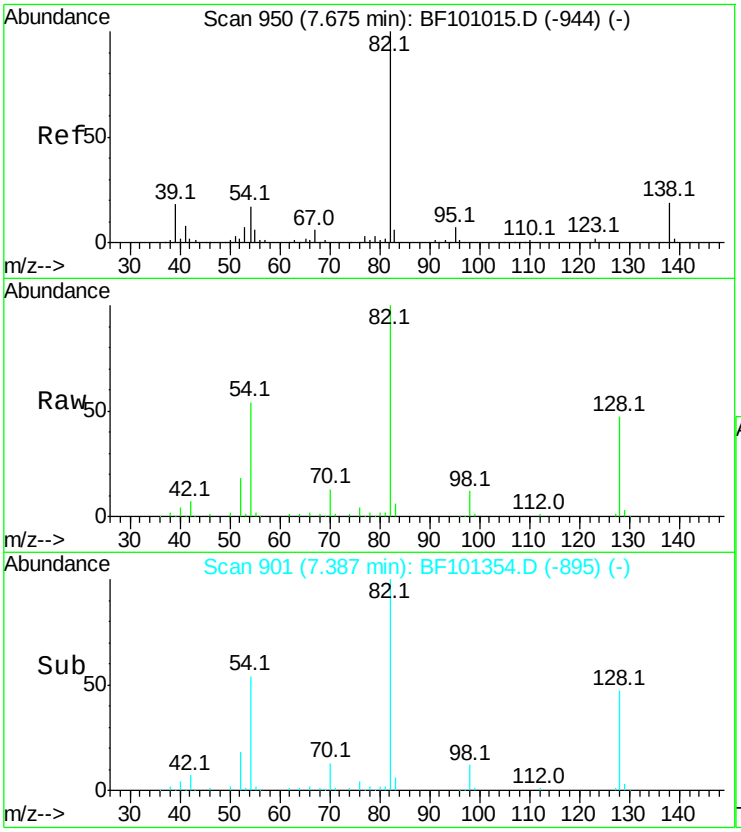


#23
Nitrobenzene-d5
Concen: 34.753 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion: 82 Resp: 101060

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	54.3	41.4	62.2



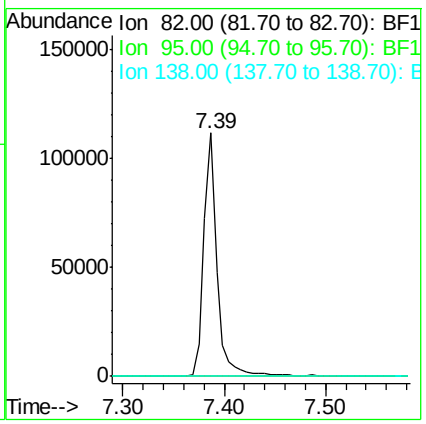


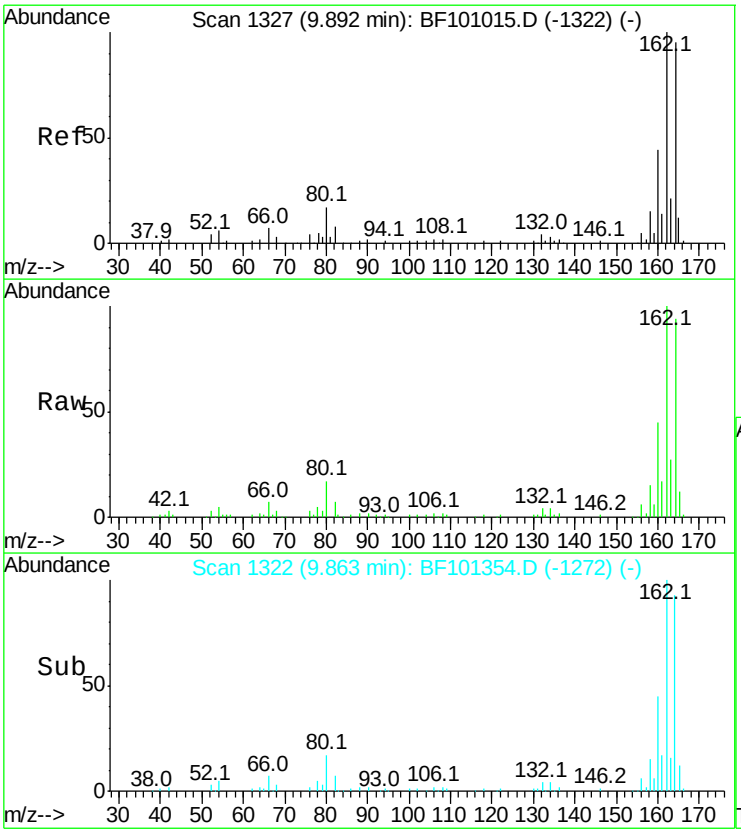
#25
Isophorone
Concen: 20.348 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 101070

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

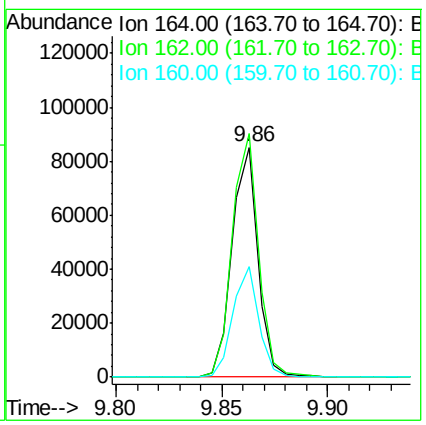


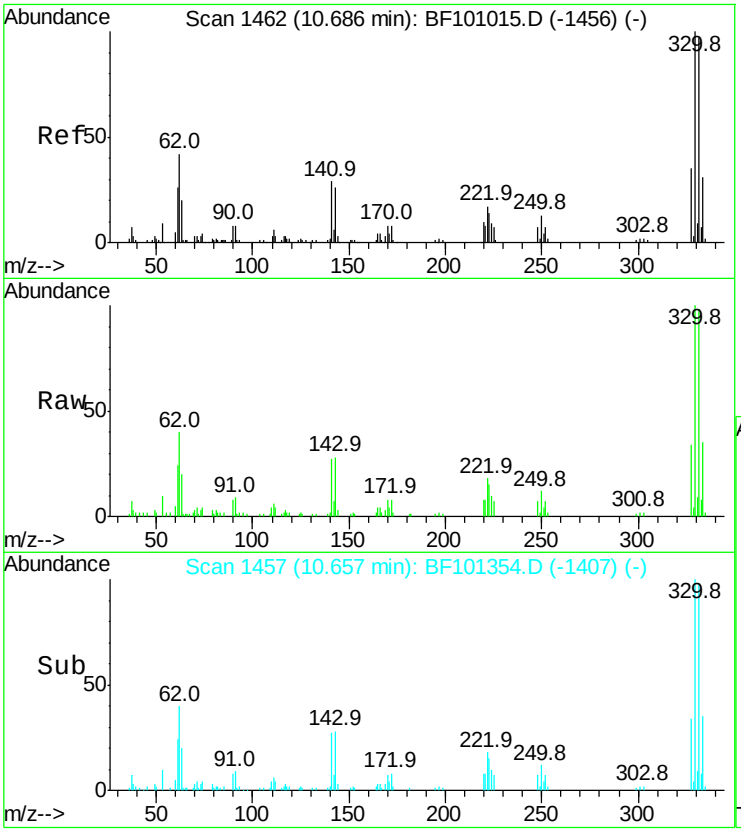


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:164 Resp: 71242

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.8	38.3	57.5



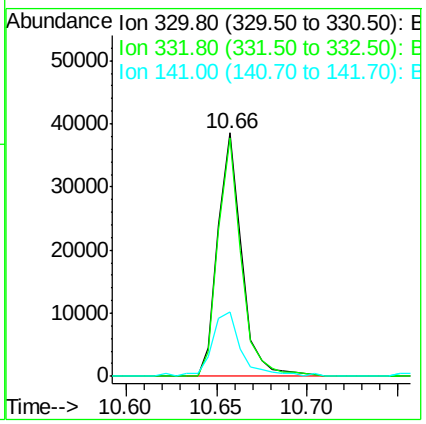


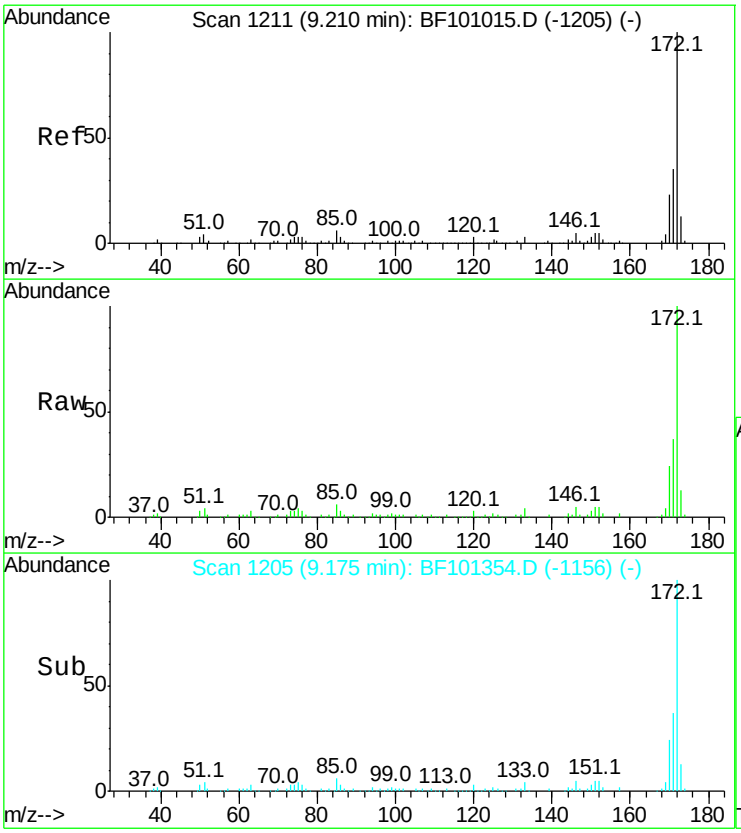
#41
2,4,6-Tribromophenol
Concen: 41.436 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 35462

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.7	29.9	44.9

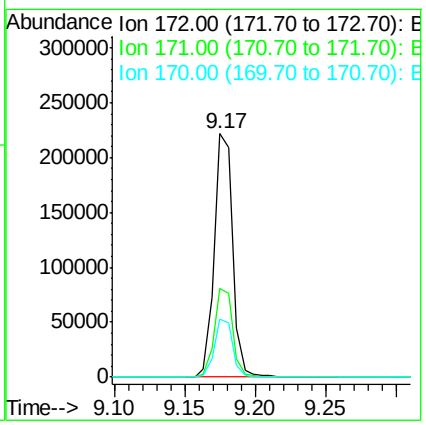


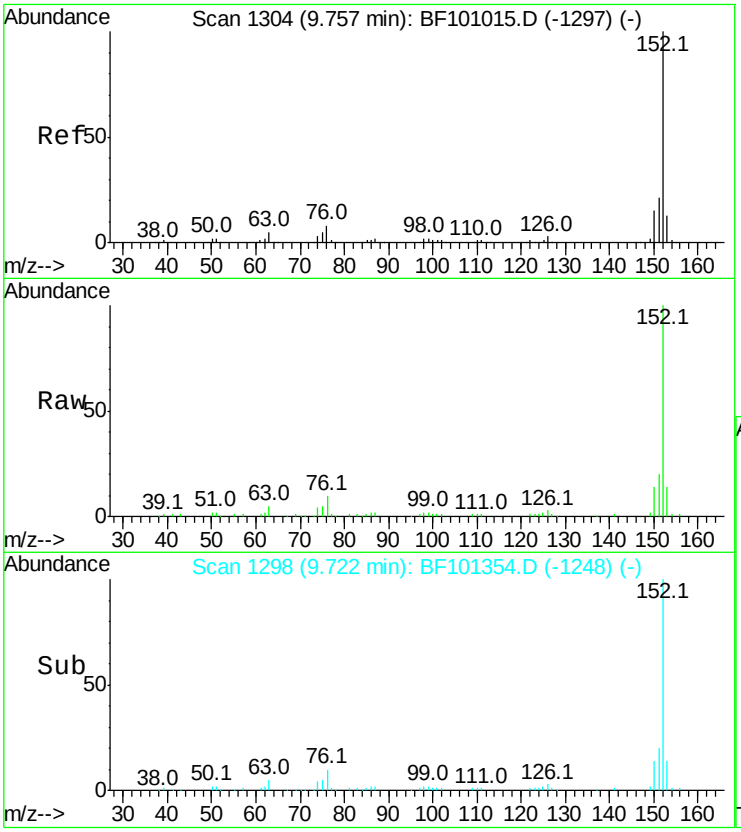


#44
2-Fluorobiphenyl
Concen: 38.763 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:172 Resp: 201836

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	19.6	29.4



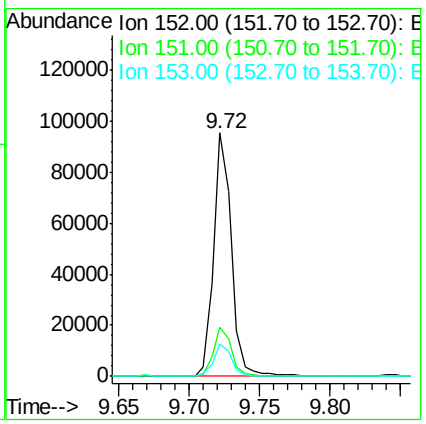


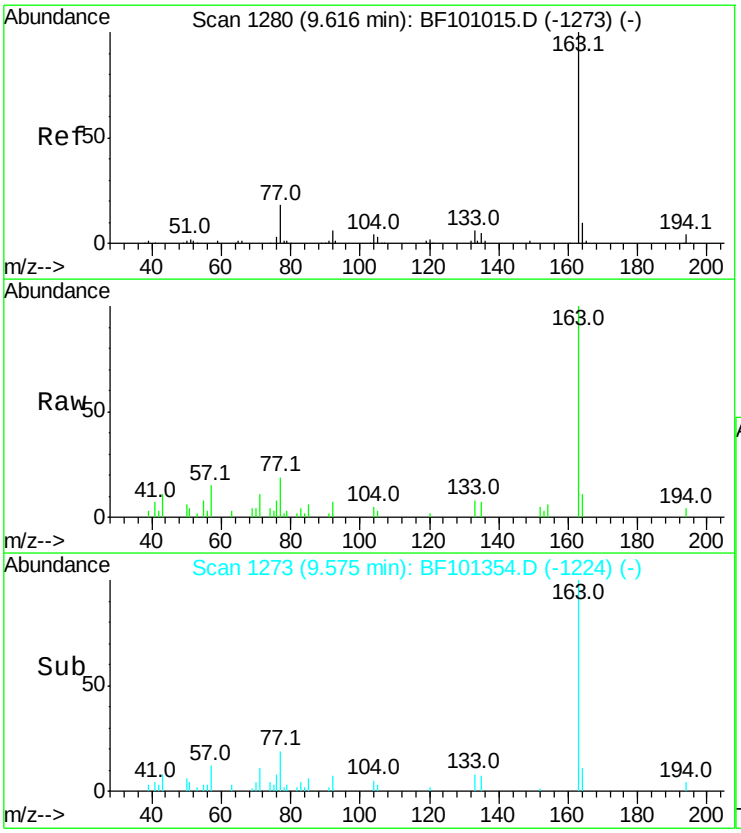
#48
Acenaphthylene
Concen: 10.968 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83556

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.5	10.7	16.1

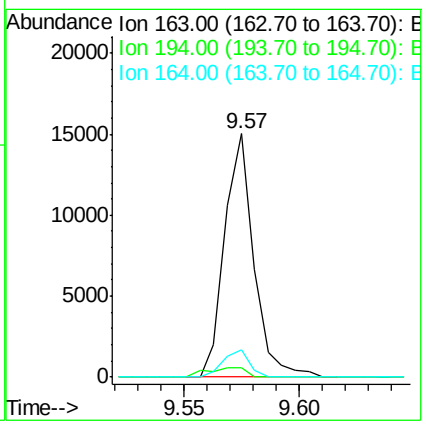


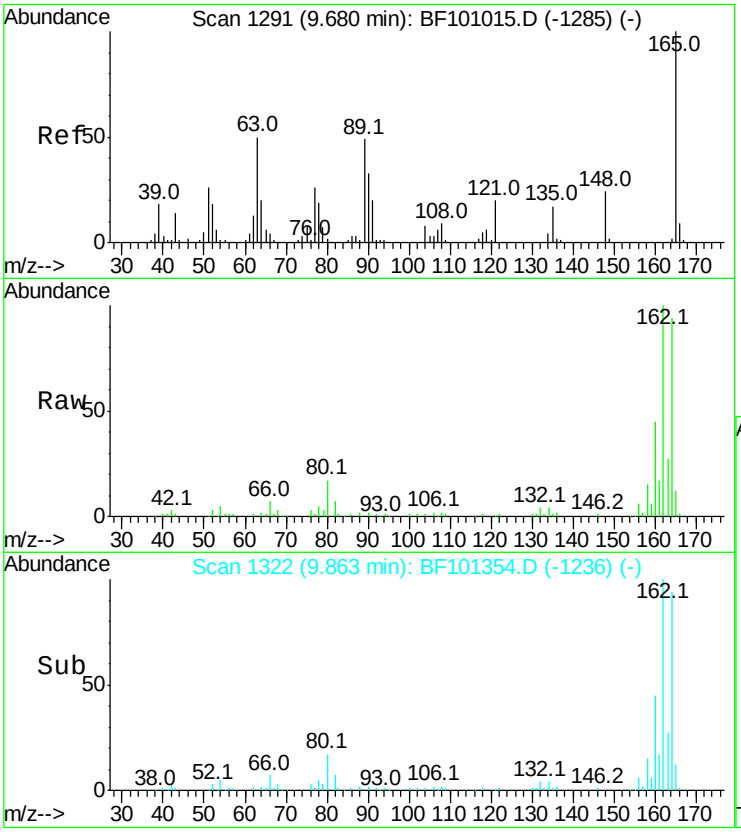


#49
Dimethylphthalate
Concen: 2.288 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:163 Resp: 13147

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.2	8.2	12.2



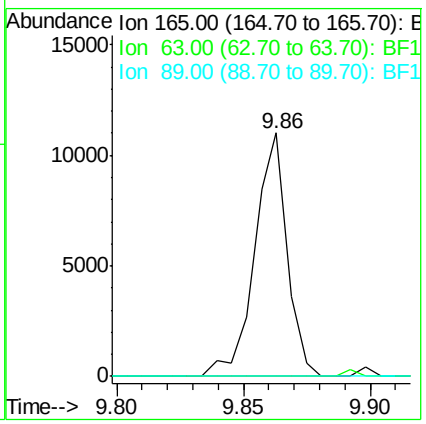


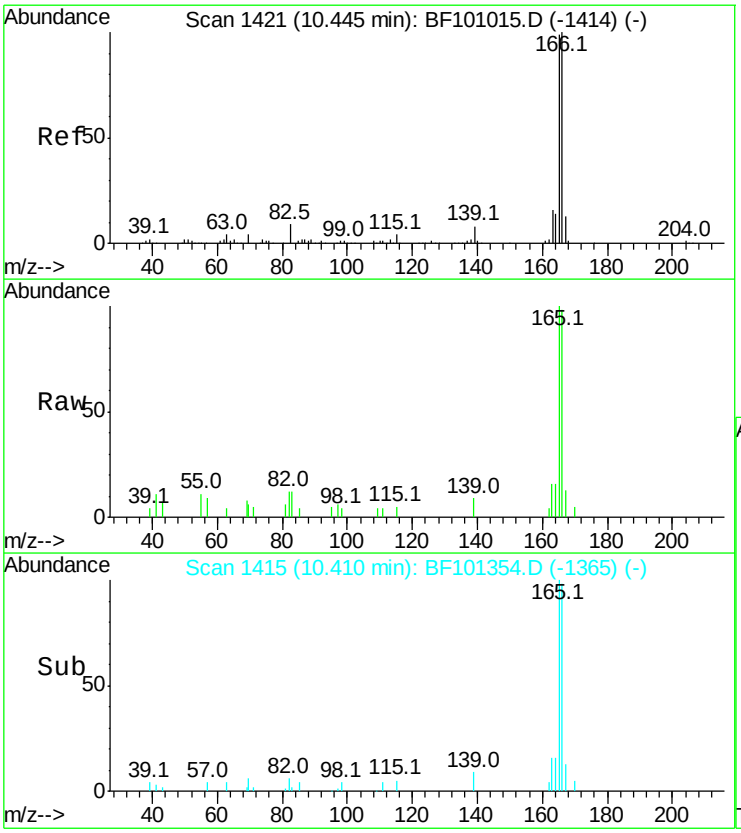
#50
2,6-Dinitrotoluene
Concen: 8.064 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9759

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

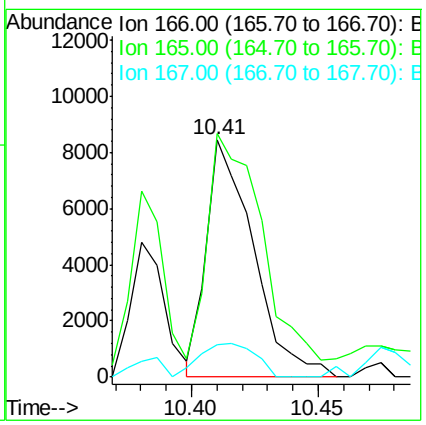


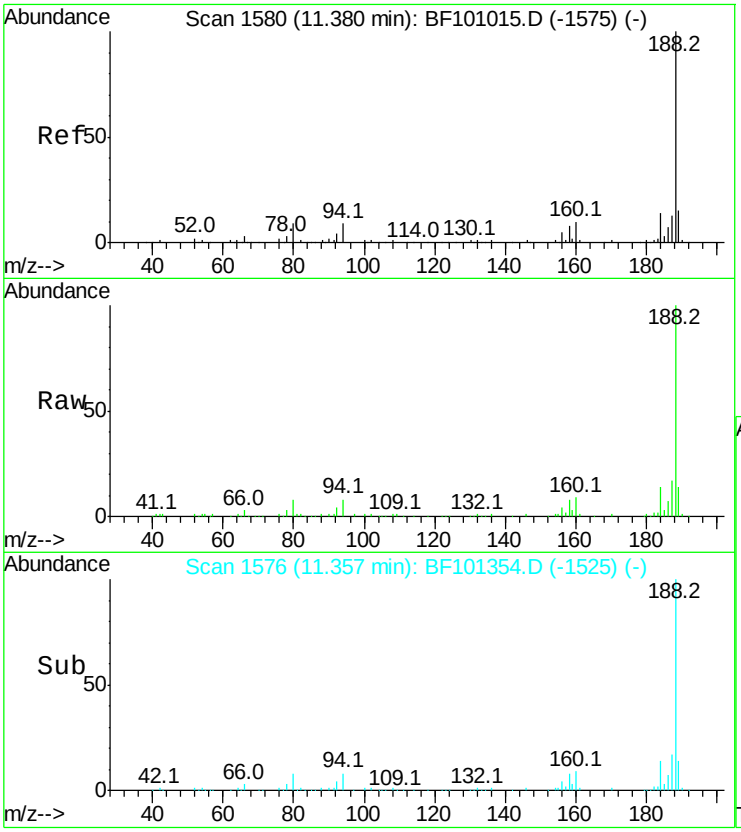


#57
Fluorene
Concen: 2.044 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:166 Resp: 10922

Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.8	119.8
167	13.4	10.6	16.0



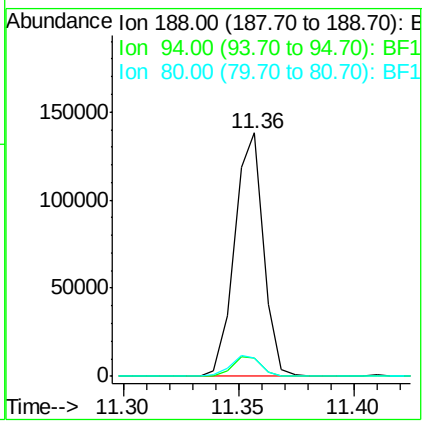


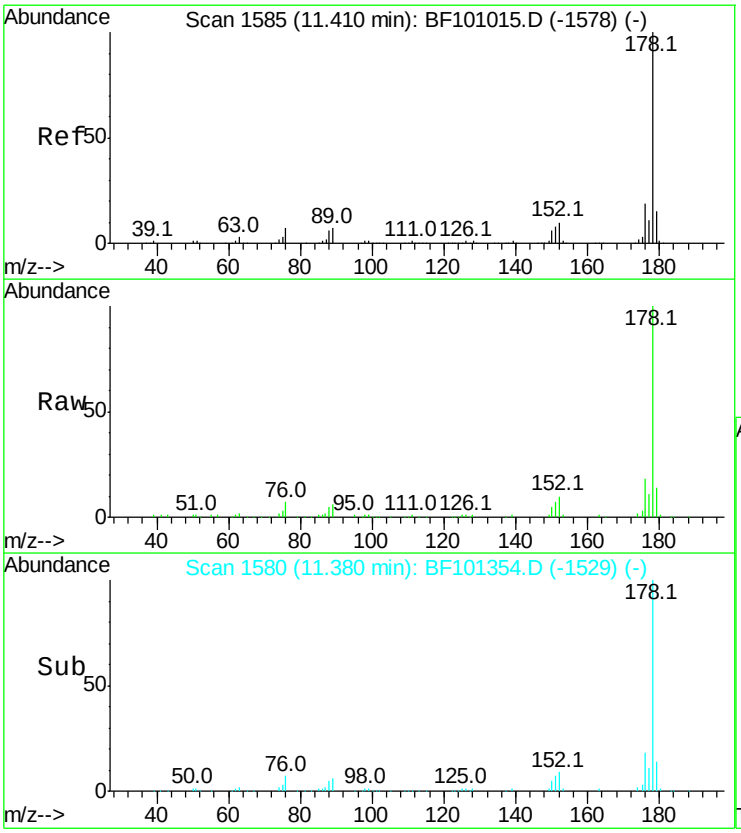
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 120094

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	7.8	9.2	13.8#

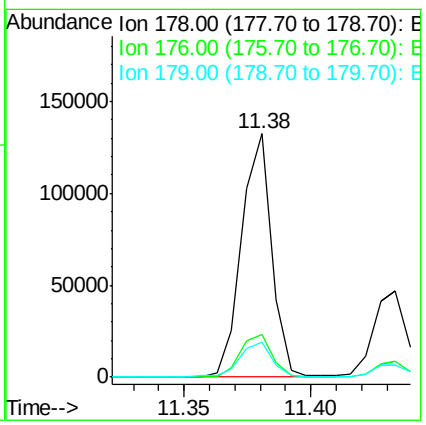


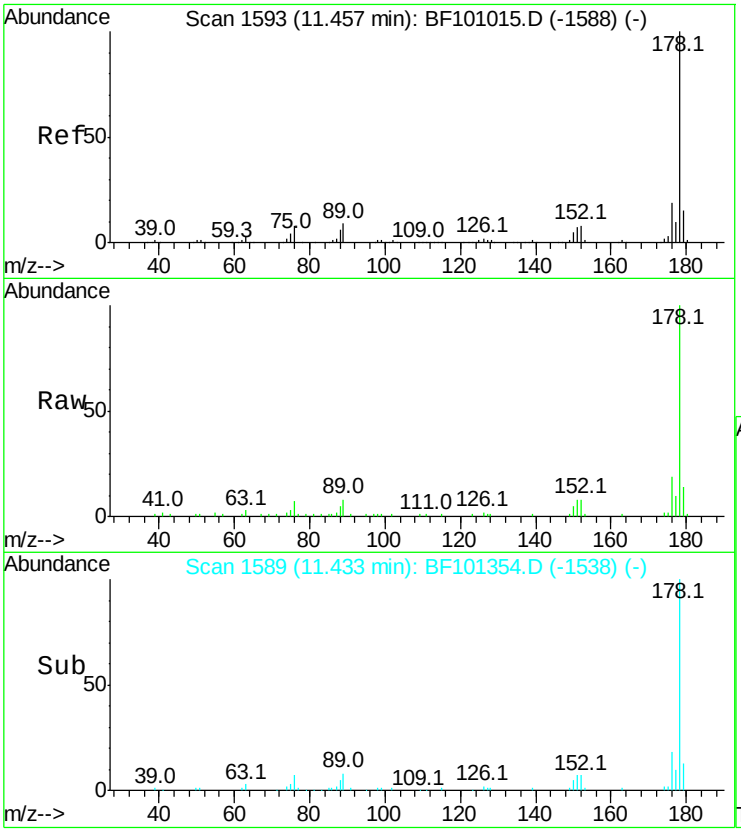


#70
Phenanthrene
Concen: 16.599 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:178 Resp: 109777

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	14.1	13.0	19.6



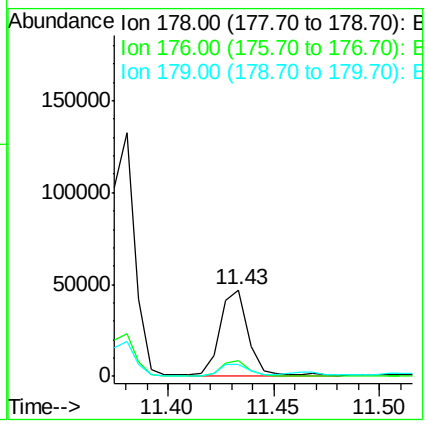


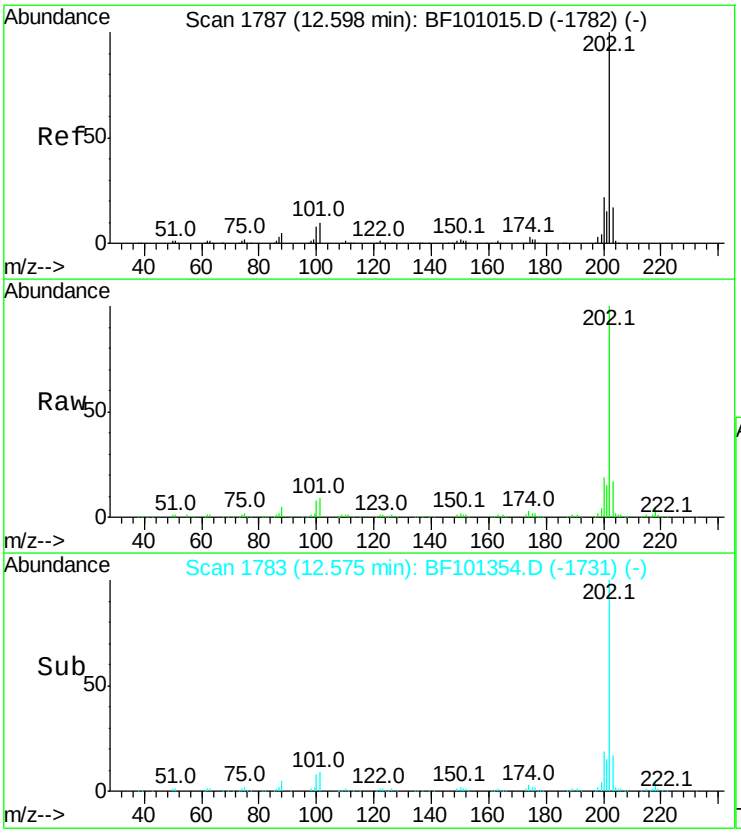
#71
Anthracene
Concen: 6.458 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 43225

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.1	12.6	19.0

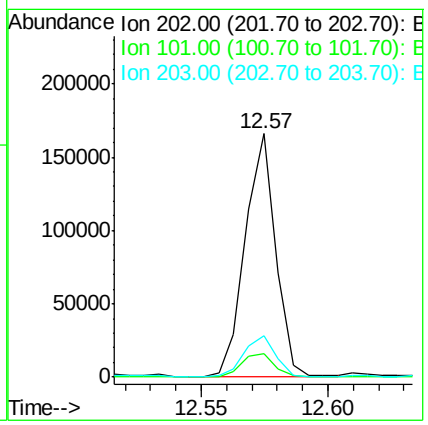


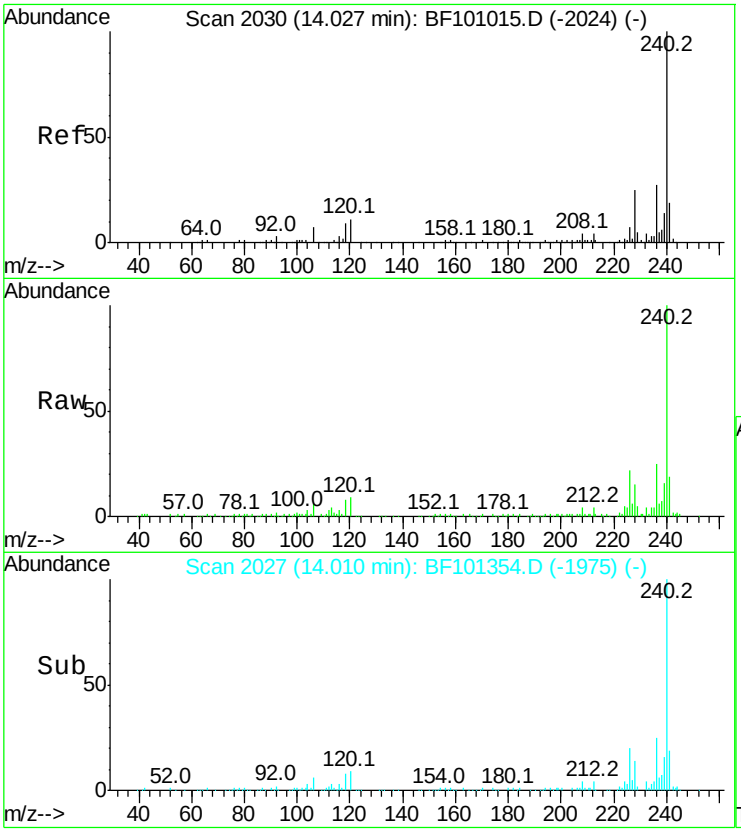


#74
Fluoranthene
Concen: 18.840 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:202 Resp: 138119

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.1
203	16.8	0.0	38.1



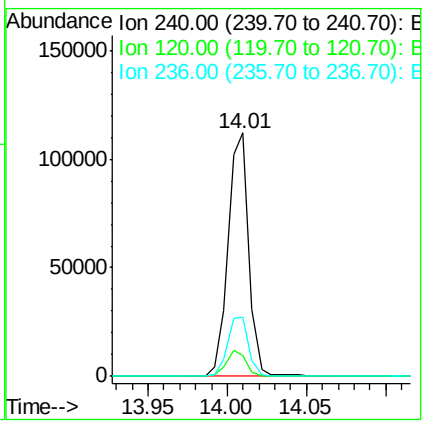


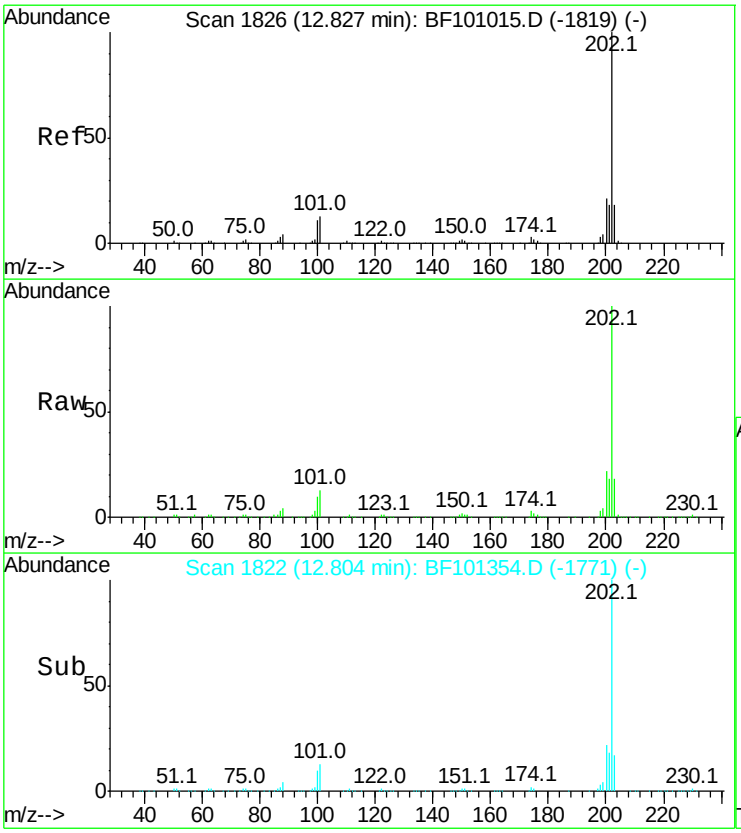
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 101334

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	24.6	20.7	31.1

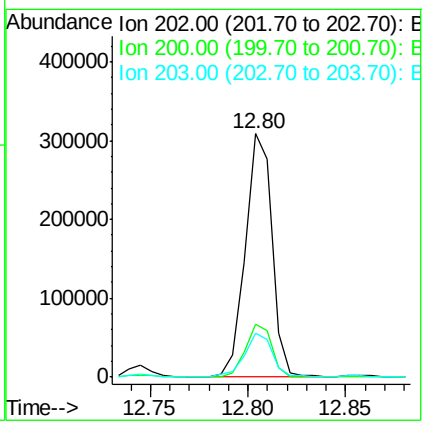


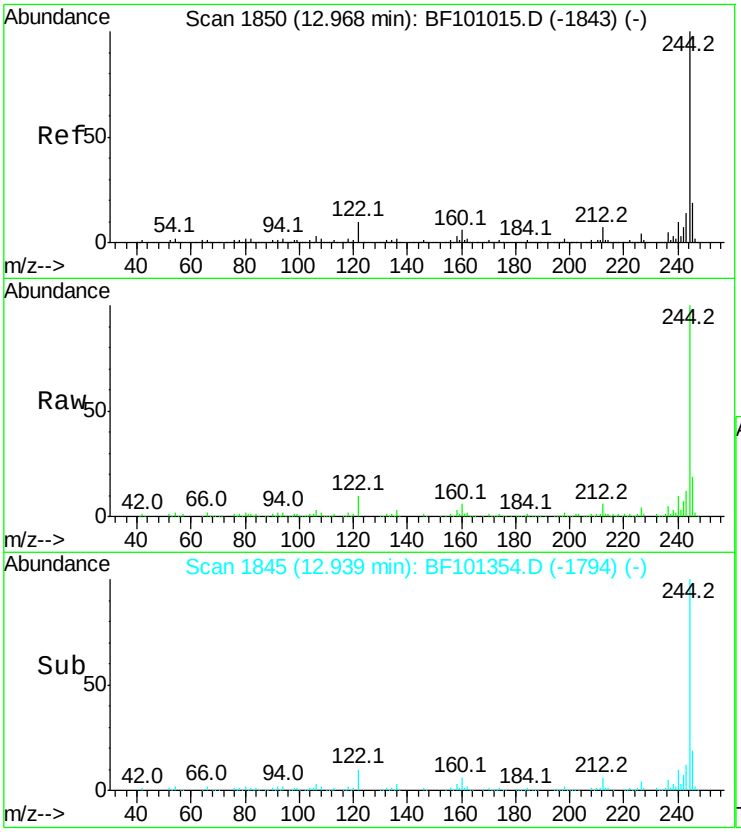


#77
Pyrene
Concen: 41.423 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:202 Resp: 289642

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5



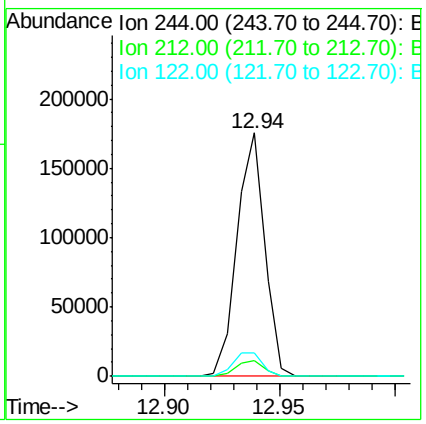


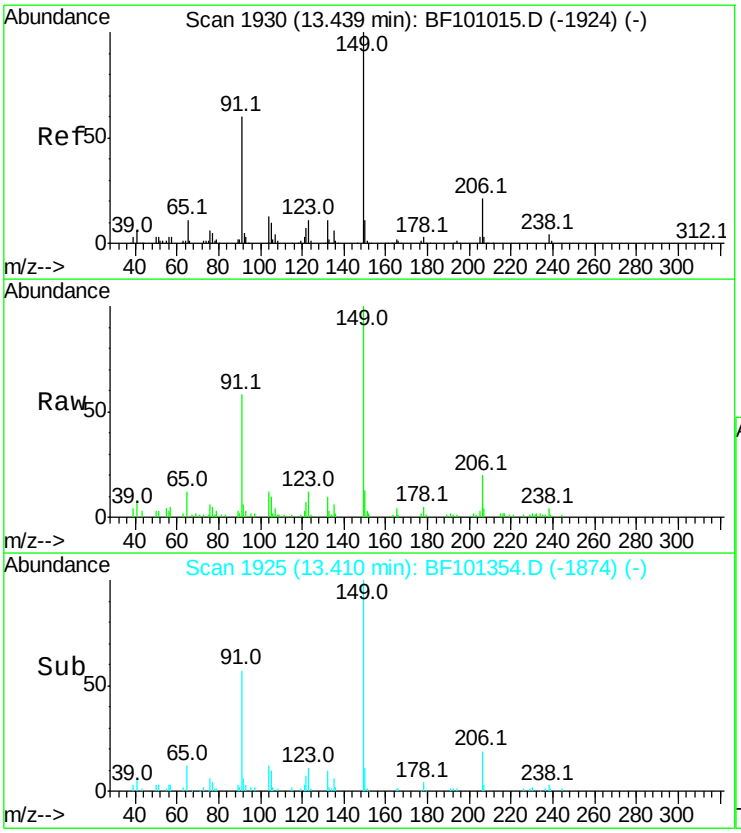
#78
Terphenyl-d14
Concen: 31.823 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 147433

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.7	11.0	16.4#

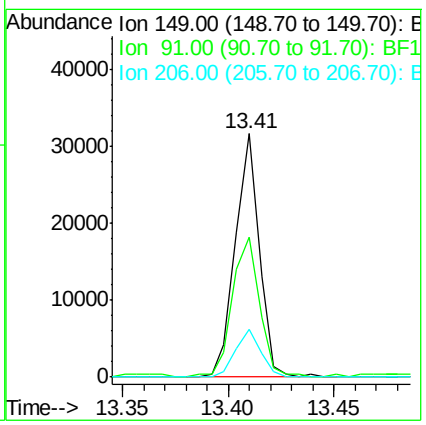


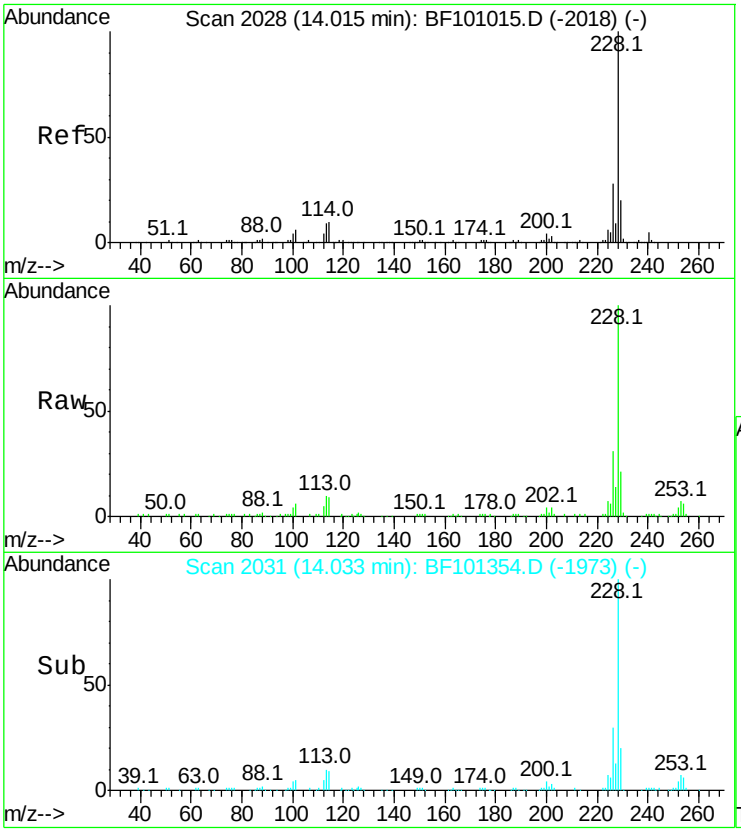


#79
Butylbenzylphthalate
Concen: 8.036 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:149 Resp: 24773

Ion	Ratio	Lower	Upper
149	100		
91	57.7	56.8	85.2
206	19.8	14.1	21.1



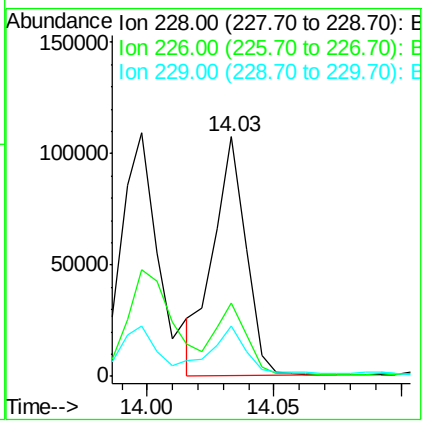


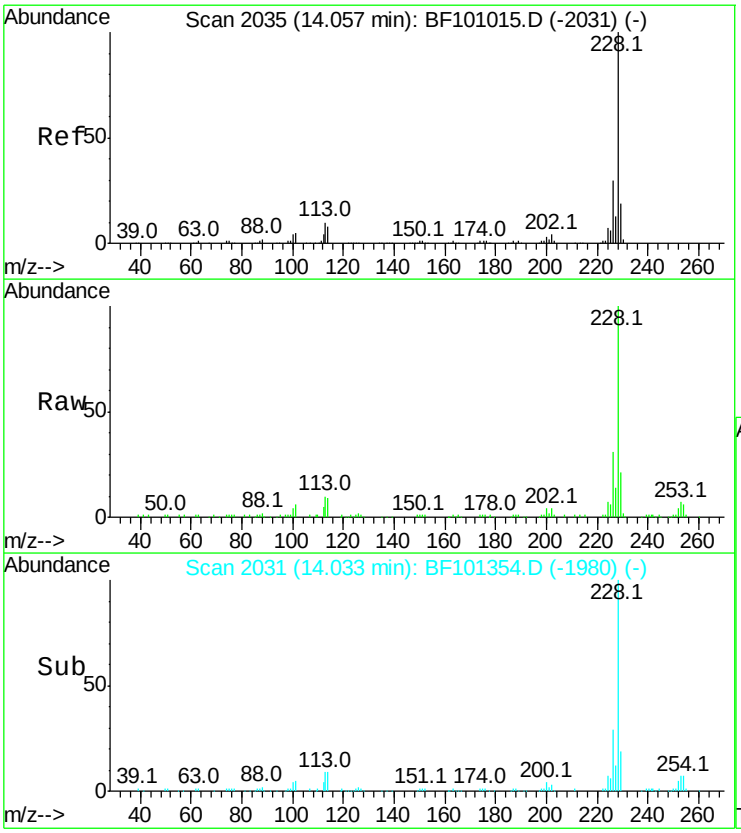
#80
Benzo(a)anthracene
Concen: 15.028 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.04 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 96153

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.9	15.8	23.6

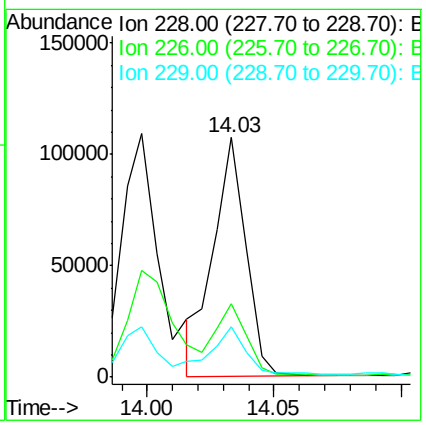


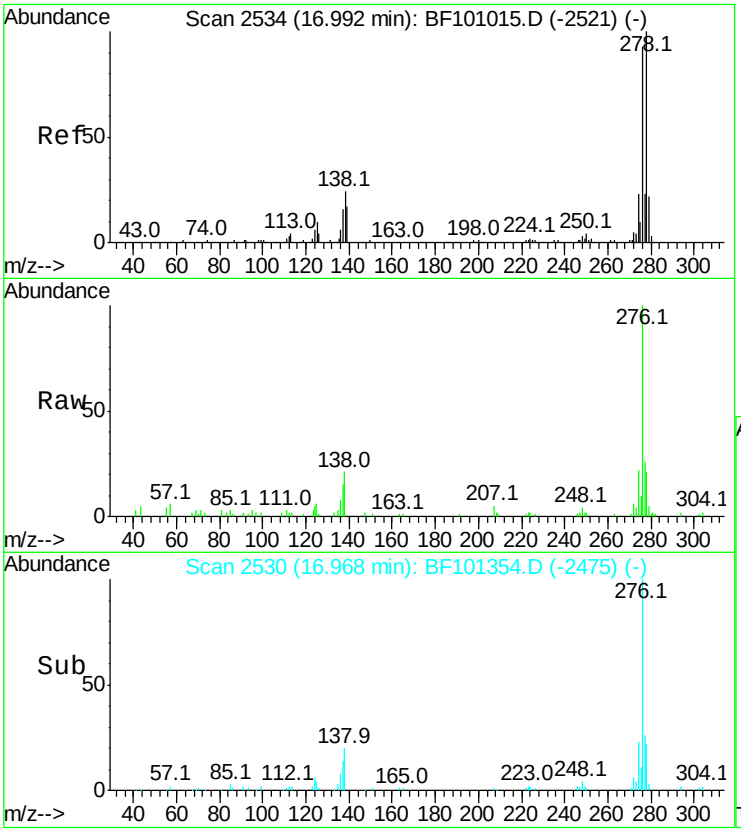


#82
Chrysene
Concen: 16.182 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:228 Resp: 96153

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.9	16.2	24.4



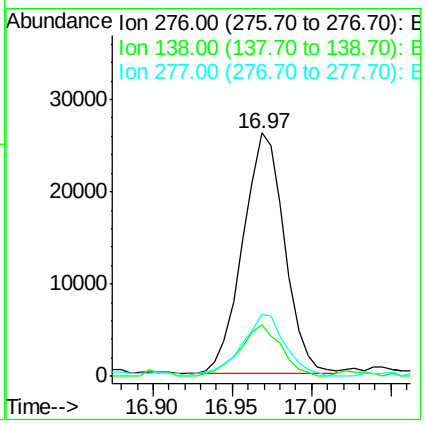


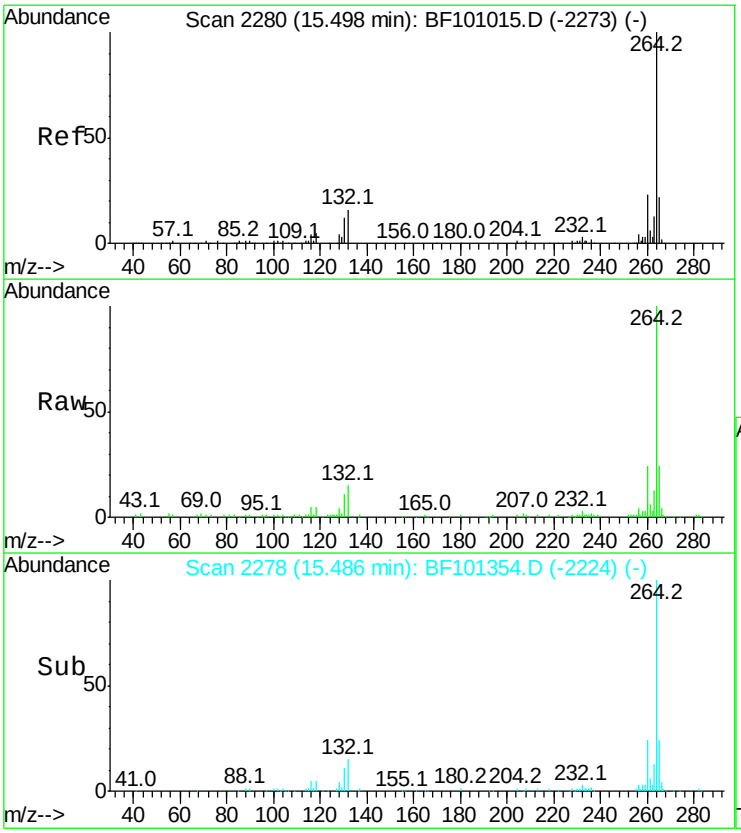
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.025 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 47677

Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	27.0	20.1	30.1

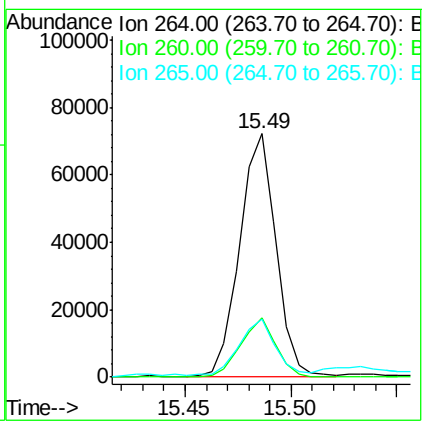


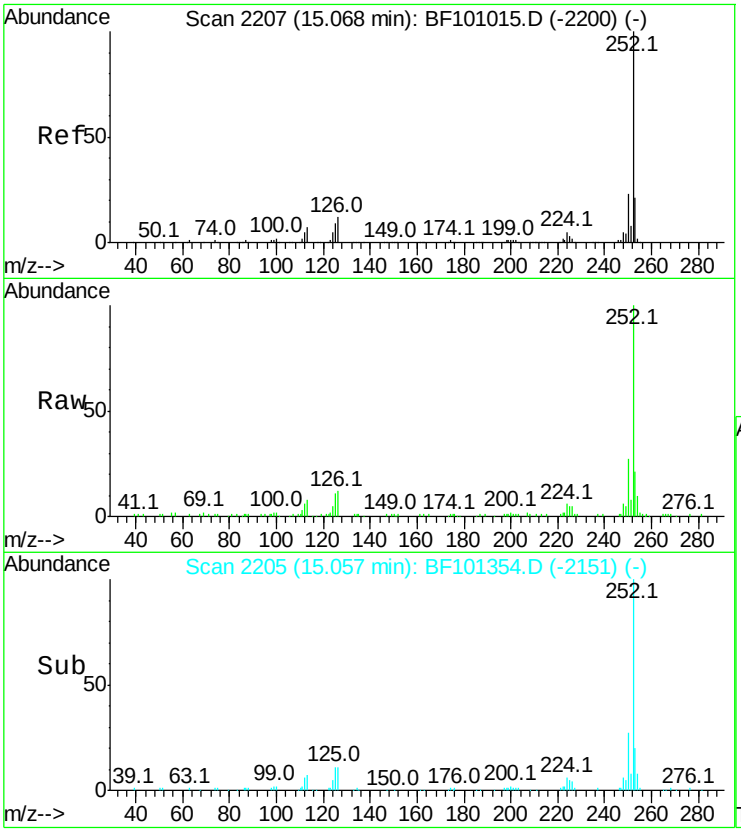


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:264 Resp: 86591

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.6	17.5	26.3



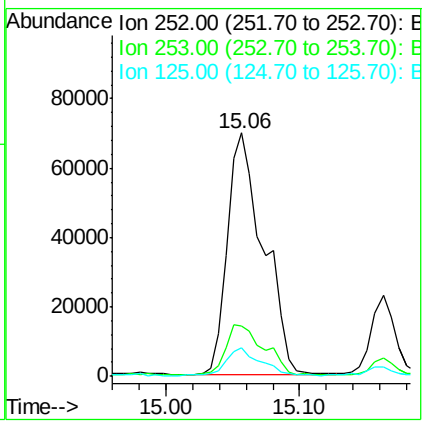


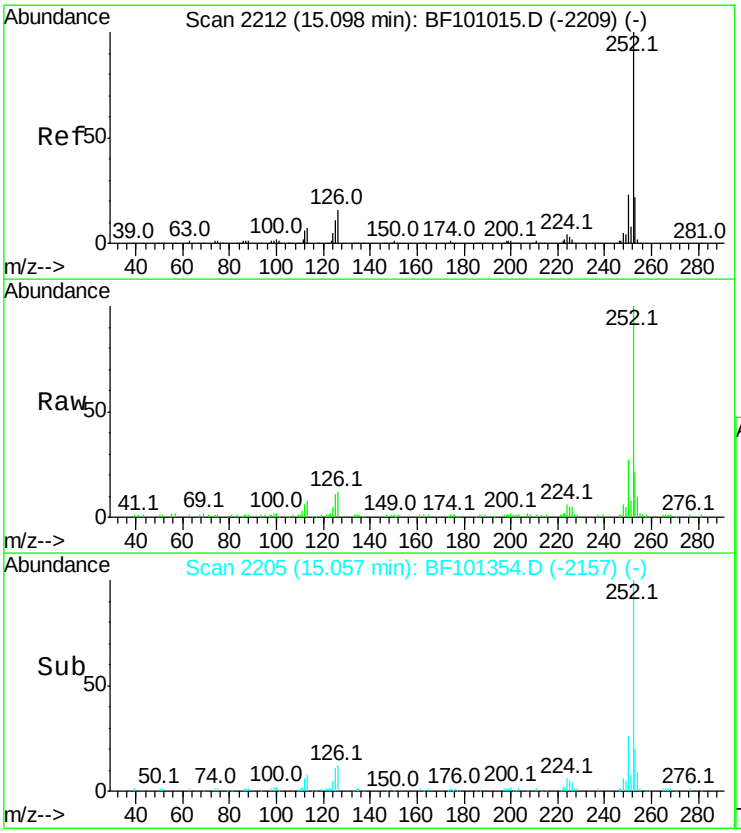
#87
Benzo(b)fluoranthene
Concen: 25.389 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 131681

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.0	25.6
125	11.5	9.0	13.6

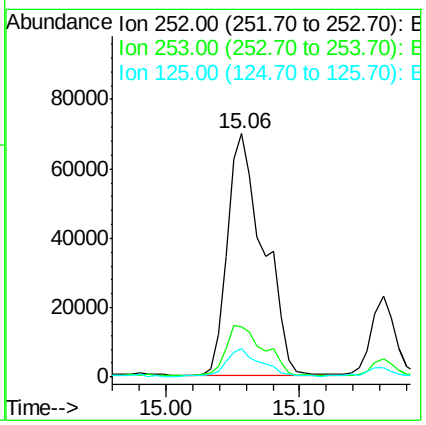


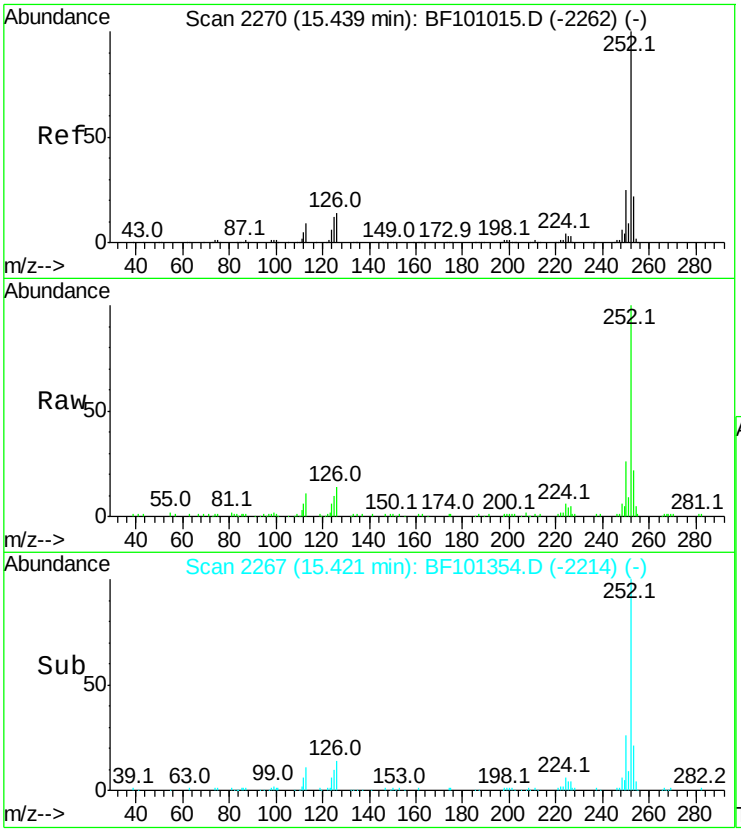


#88
Benzo(k)fluoranthene
Concen: 25.770 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:252 Resp: 131681

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.9	26.9
125	11.5	10.2	15.2



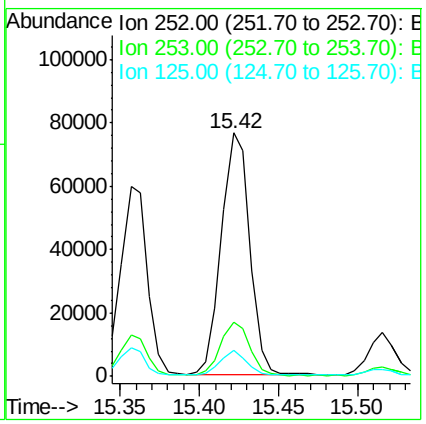


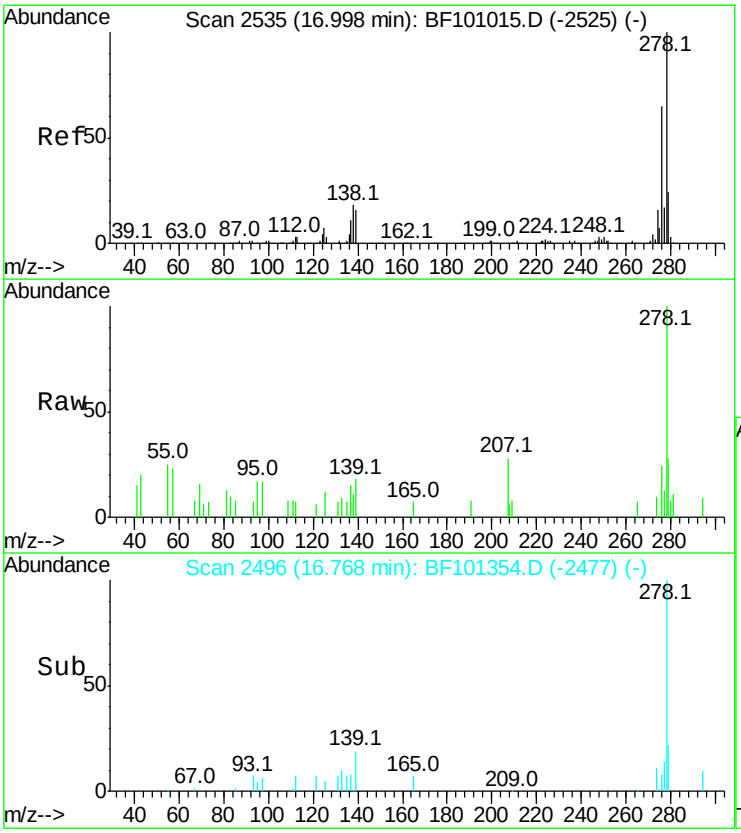
#89
Benzo(a)pyrene
Concen: 20.186 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 95182

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.4	9.8	14.6

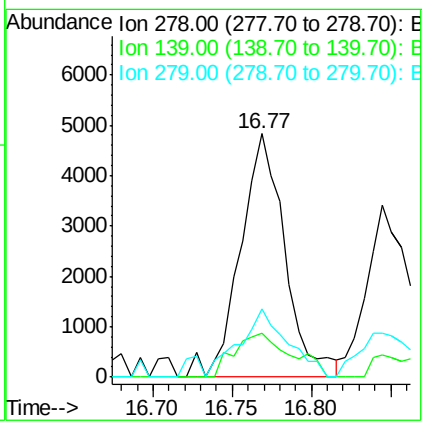


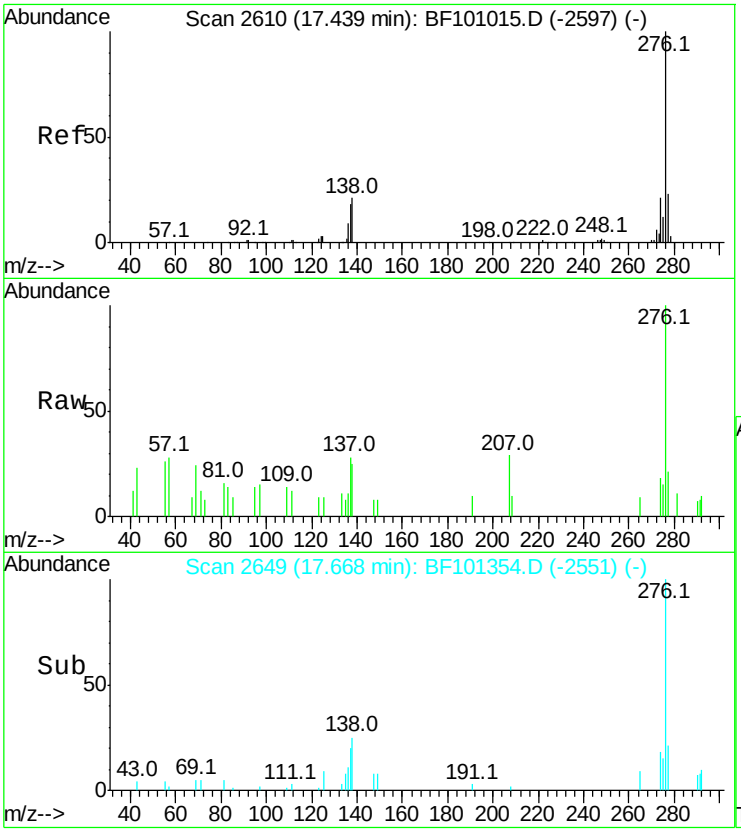


#90
Dibenzo(a,h)anthracene
Concen: 2.264 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.19 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Tgt Ion:278 Resp: 9412

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	28.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 2.183 ng
RT: 17.67 min Scan# 2649
Delta R.T. 0.28 min
Lab File: BF101354.D
Acq: 13 Dec 2017 3:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 8553

Ion	Ratio	Lower	Upper
276	100		
277	21.1	17.9	26.9
138	25.3	21.8	32.8