Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101325.D
Acq On : 12 Dec 2017 10:05
Operator : SJ/JU
Sample : I6764-10DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 12 10:39:27 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	6.83	152	40257	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	148861	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	62260	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	106370	20.00	ng		0.00
75) Chrysene-d12	14.02	240	85579	20.00	ng		0.01
86) Perylene-d12	15.49	264	65216	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	19602	8.05	ng		0.01
7) Phenol-d6	6.47	99	24252	8.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	12548	5.03	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	3873	5.18	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	32639	7.17	ng		0.00
78) Terphenyl-d14	12.94	244	26768	6.84	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.40	82	12548	2.944	ng	#	64
48) Acenaphthylene	9.73	152	23766	3.570	ng		97
50) 2,6-Dinitrotoluene	9.87	165	7666	7.249	ng	#	24
56) 2,4-Dinitrotoluene	9.87	165	7666	5.409	ng	#	21
70) Phenanthrene	11.39	178	62788	10.719	ng		97
71) Anthracene	11.44	178	20054	3.383	ng		97
74) Fluoranthene	12.58	202	165726	25.523	ng		94
77) Pyrene	12.81	202	159655	27.036	ng		99
80) Benzo(a)anthracene	14.00	228	76199	14.102	ng		96
82) Chrysene	14.04	228	77741	15.492	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	37405	8.384	ng	#	88
87) Benzo(b)fluoranthene	15.06	252	119041	30.474	ng		98
88) Benzo(k)fluoranthene	15.06	252	119041	30.931	ng	#	95
89) Benzo(a)pyrene	15.43	252	58043	16.344	ng		98
90) Dibenzo(a,h)anthracene	17.15	278	7279	2.325	ng		95
91) Benzo(g,h,i)perylene	17.43	276	36379	12.330	ng	#	90

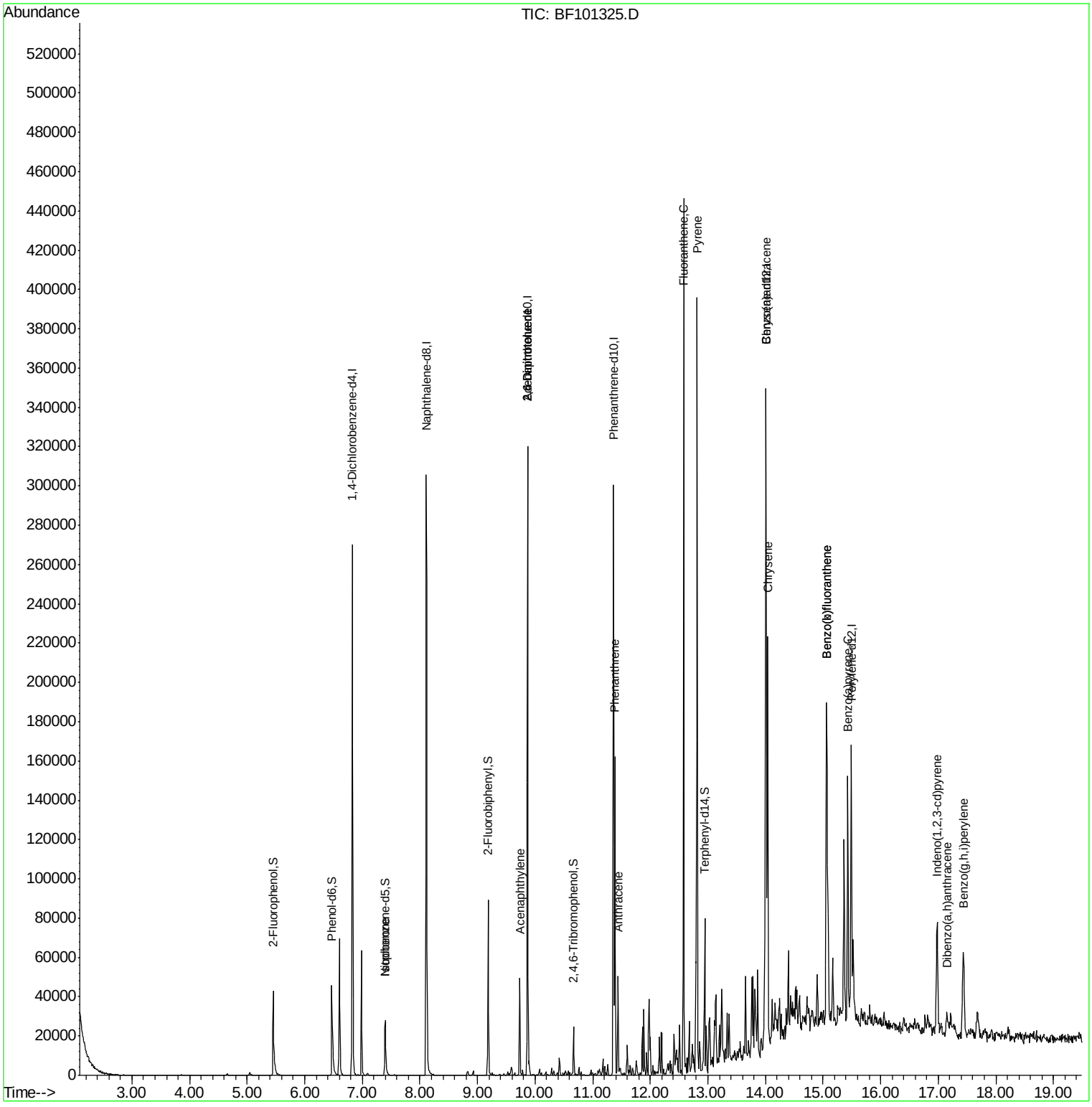
(#) = qualifier out of range (m) = manual integration (+) = signals summed

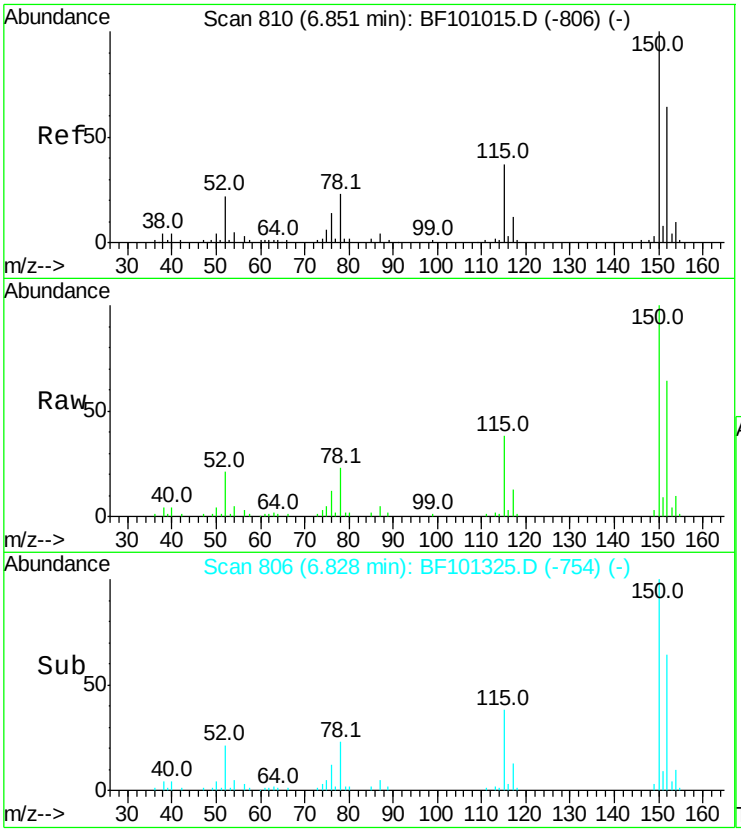
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101325.D
Acq On : 12 Dec 2017 10:05
Operator : SJ/JU
Sample : I6764-10DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 12 10:39:27 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



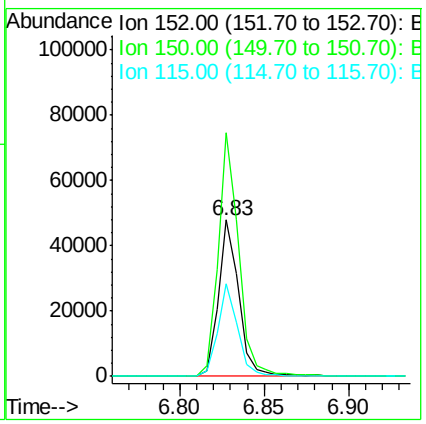


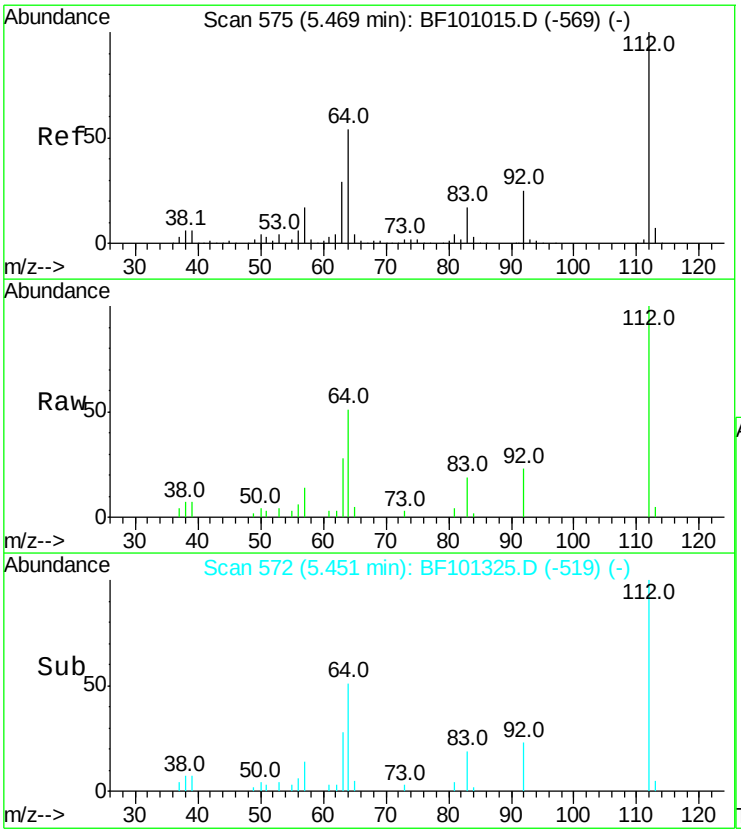
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40257

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.1	50.1	75.1

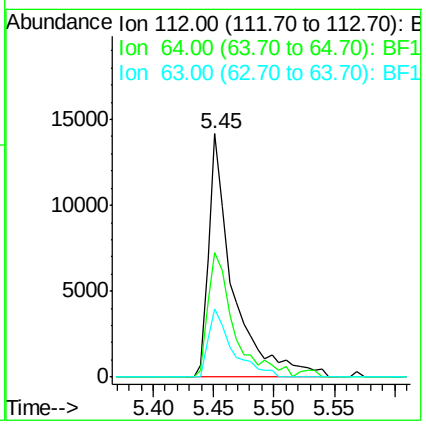


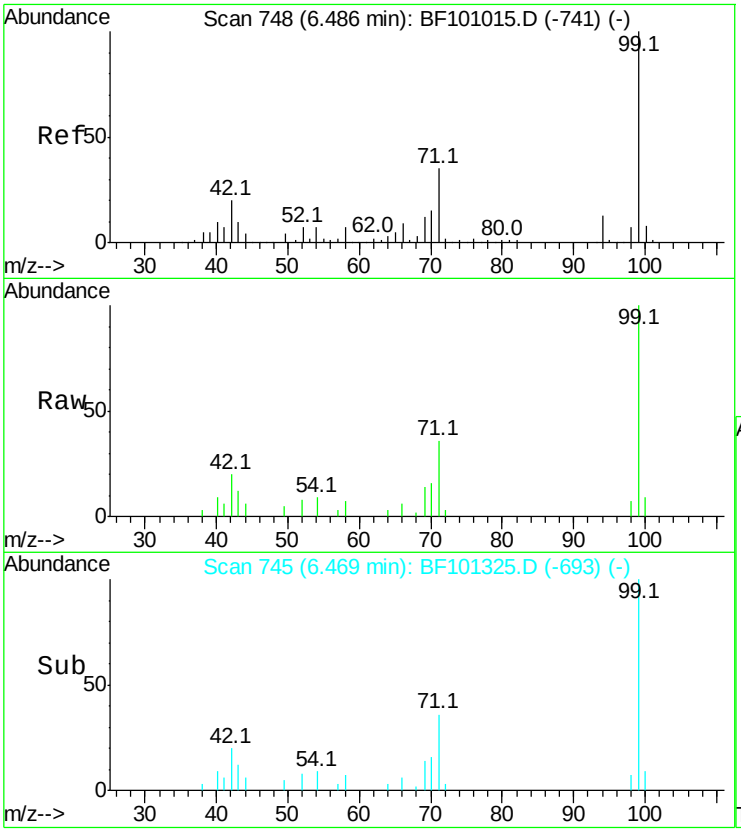


#5
2-Fluorophenol
Concen: 8.046 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:112 Resp: 19602

Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	27.8	23.7	35.5



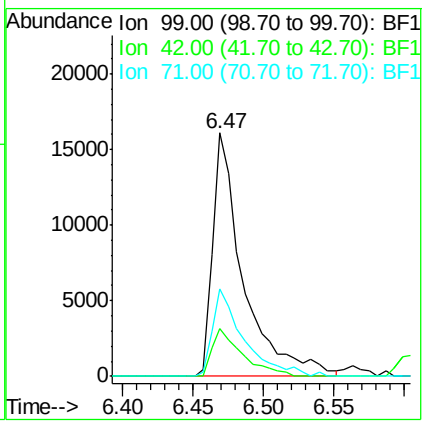


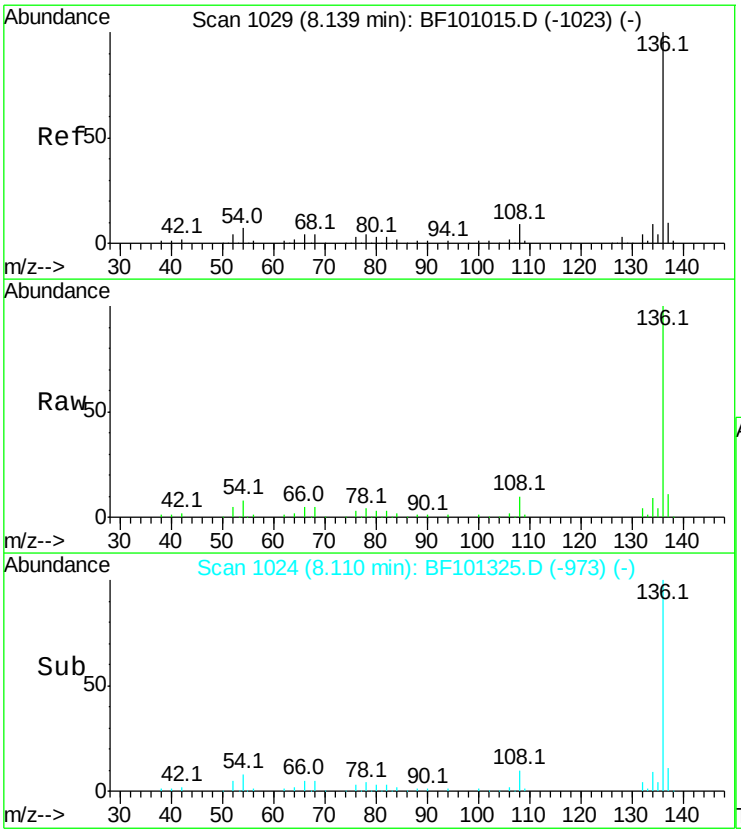
#7
Phenol-d6
Concen: 8.199 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 24252

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	36.1	25.4	38.0

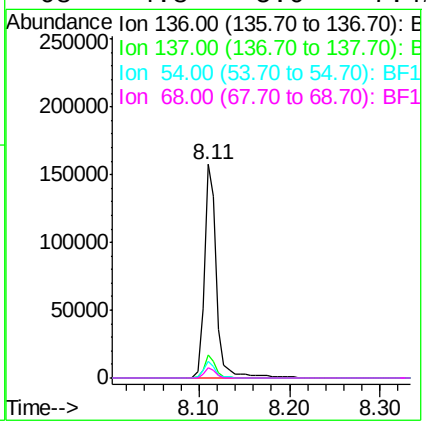


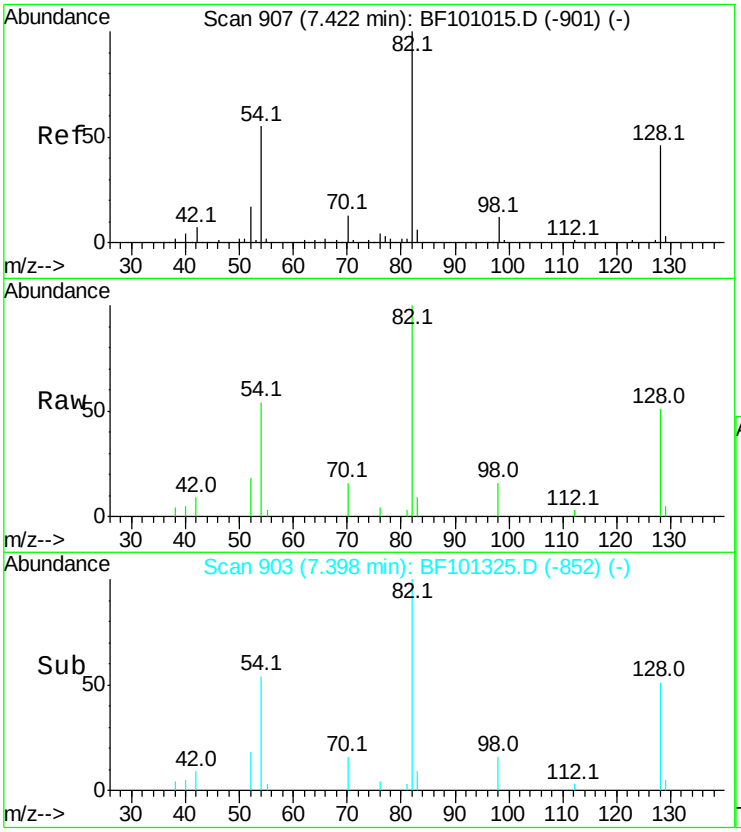


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:136 Resp: 148861

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	4.8	5.0	7.4#



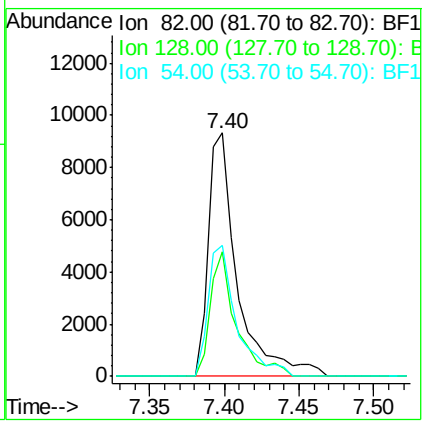


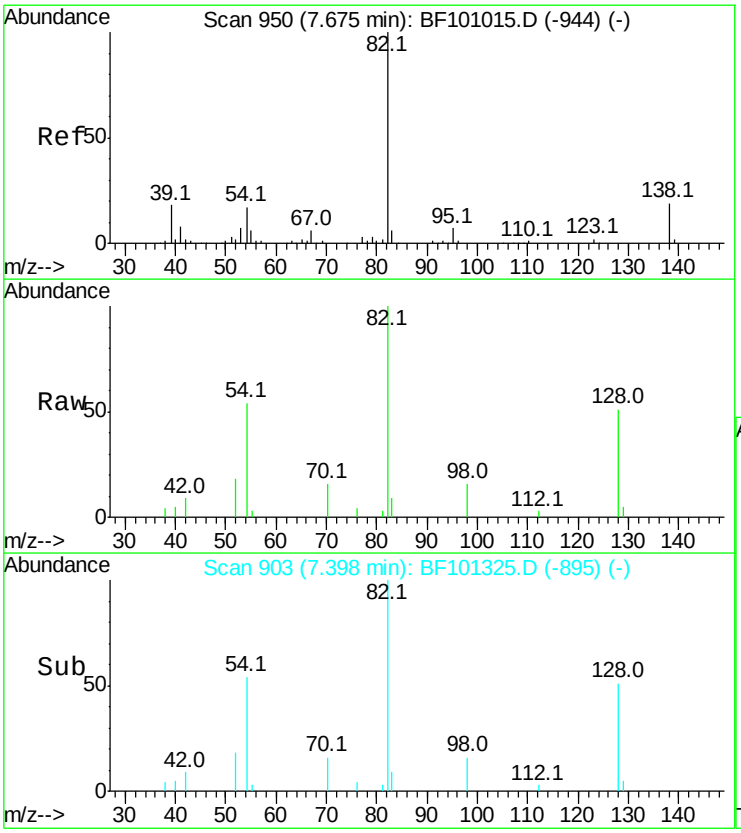
#23
Nitrobenzene-d5
Concen: 5.028 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 12548

Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	53.9	41.4	62.2

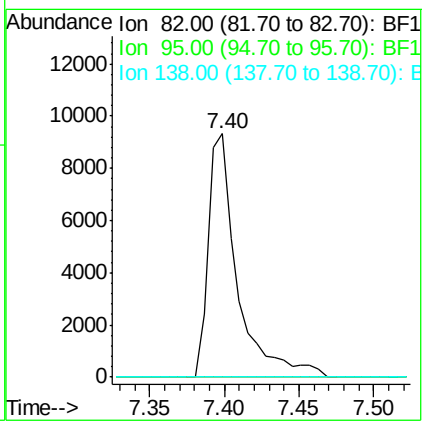


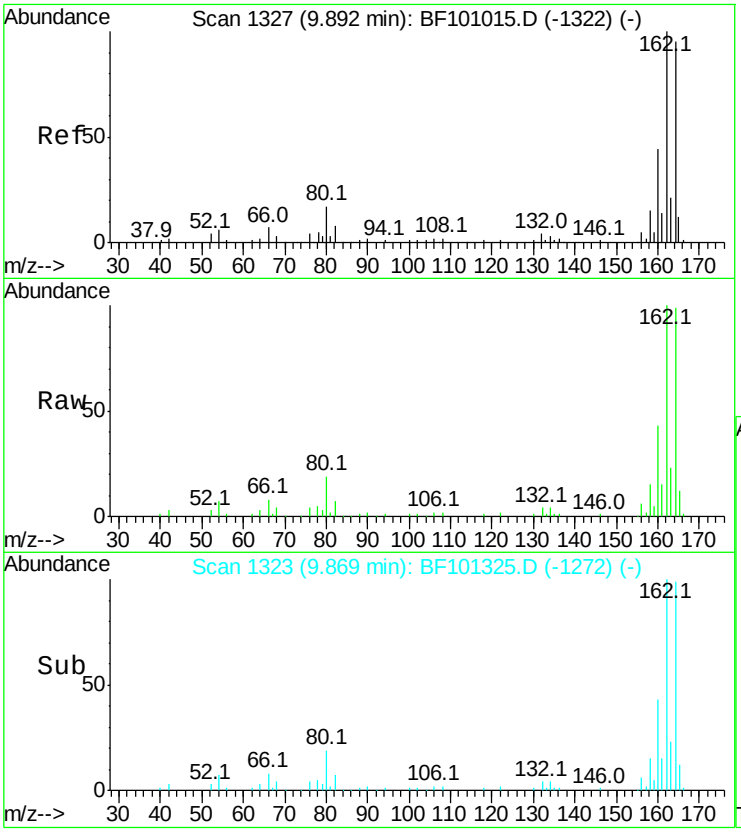


#25
Isophorone
Concen: 2.944 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion: 82 Resp: 12548

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



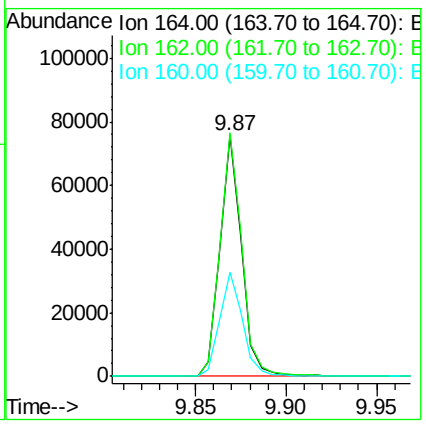


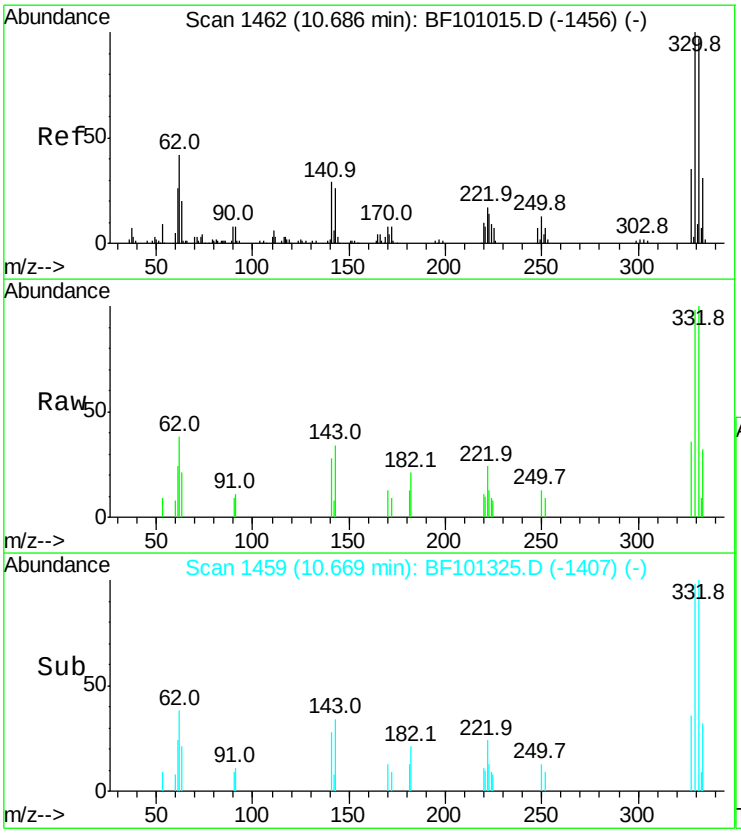
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 62260

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	43.5	38.3	57.5

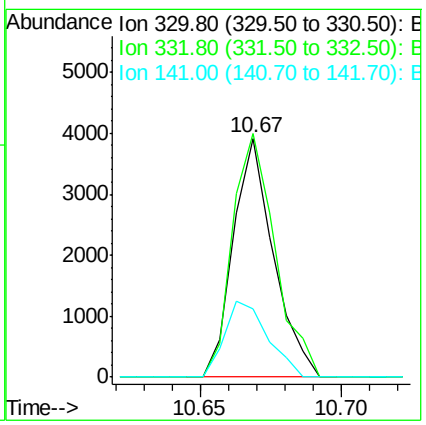


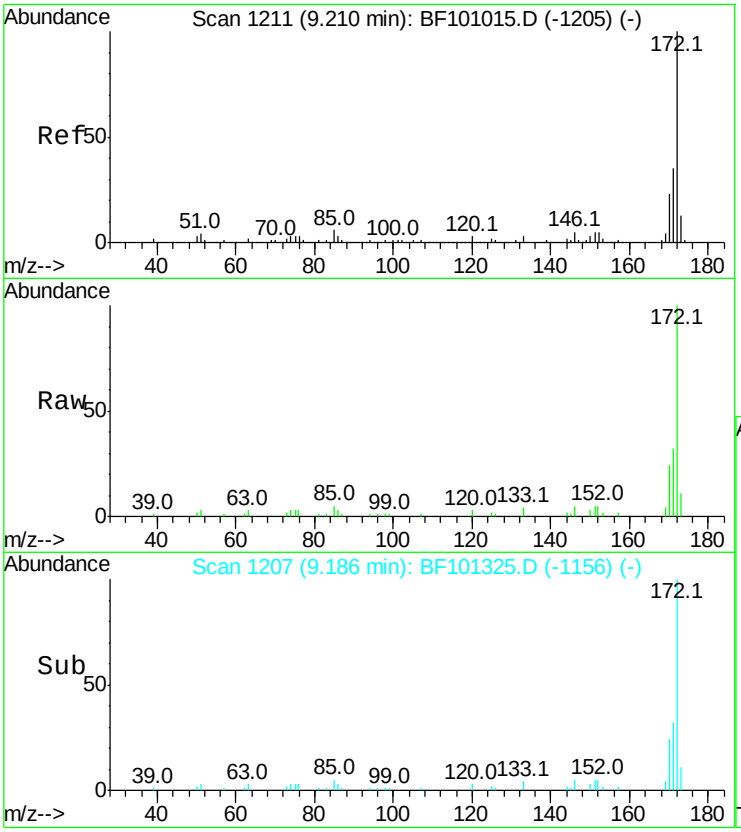


#41
2,4,6-Tribromophenol
Concen: 5.178 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:330 Resp: 3873

Ion	Ratio	Lower	Upper
330	100		
332	107.7	77.0	115.6
141	34.0	29.9	44.9



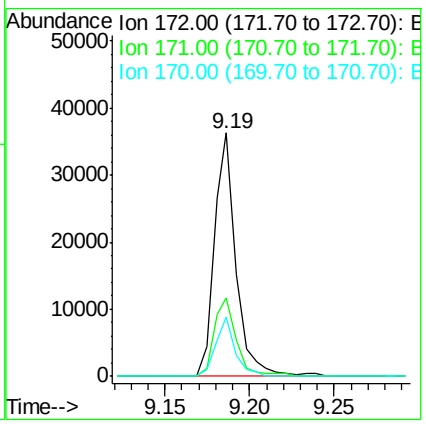


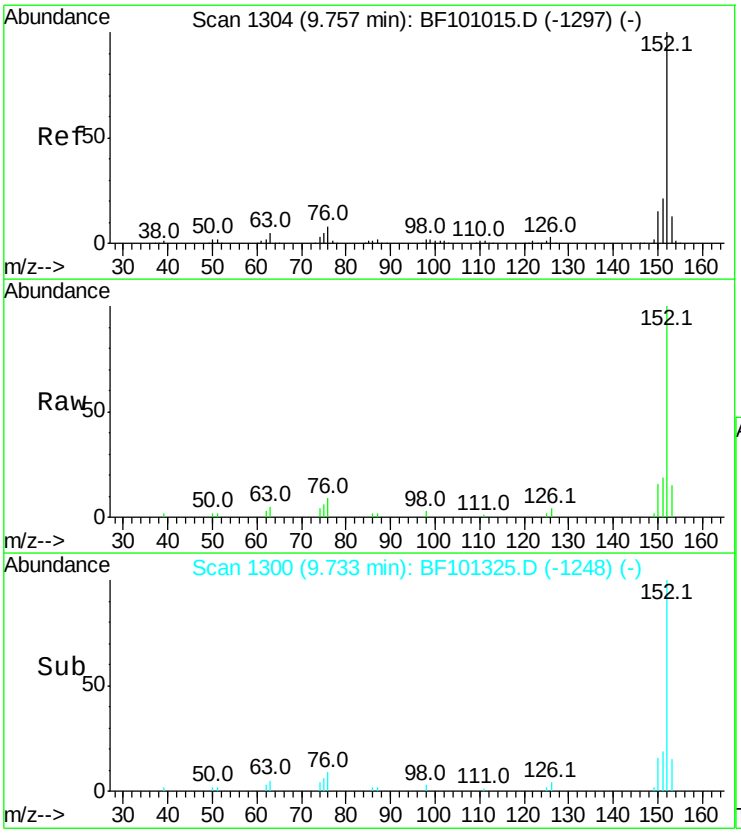
#44
2-Fluorobiphenyl
Concen: 7.173 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 32639

Ion	Ratio	Lower	Upper
172	100		
171	32.3	29.7	44.5
170	24.2	19.6	29.4

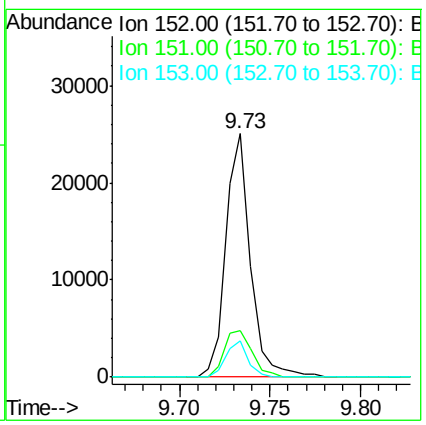


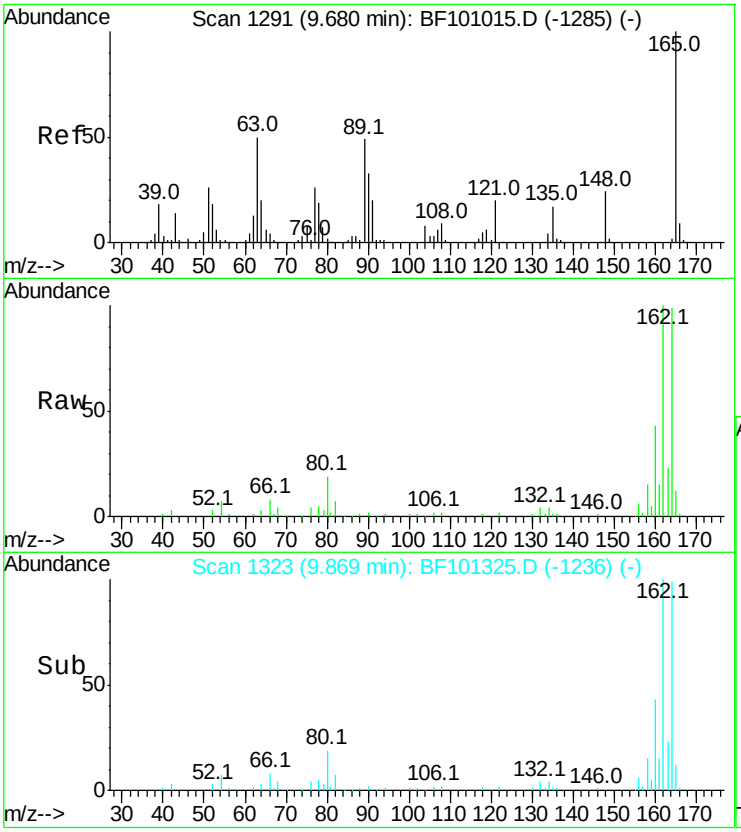


#48
Acenaphthylene
Concen: 3.570 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:152 Resp: 23766

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	15.0	10.7	16.1



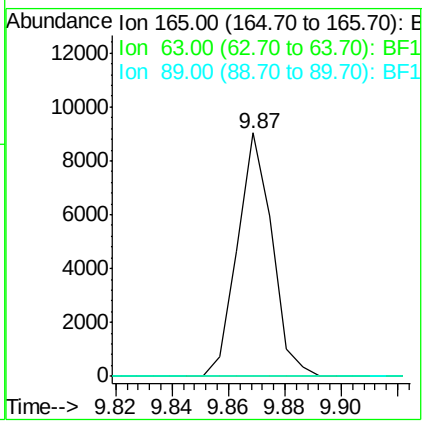


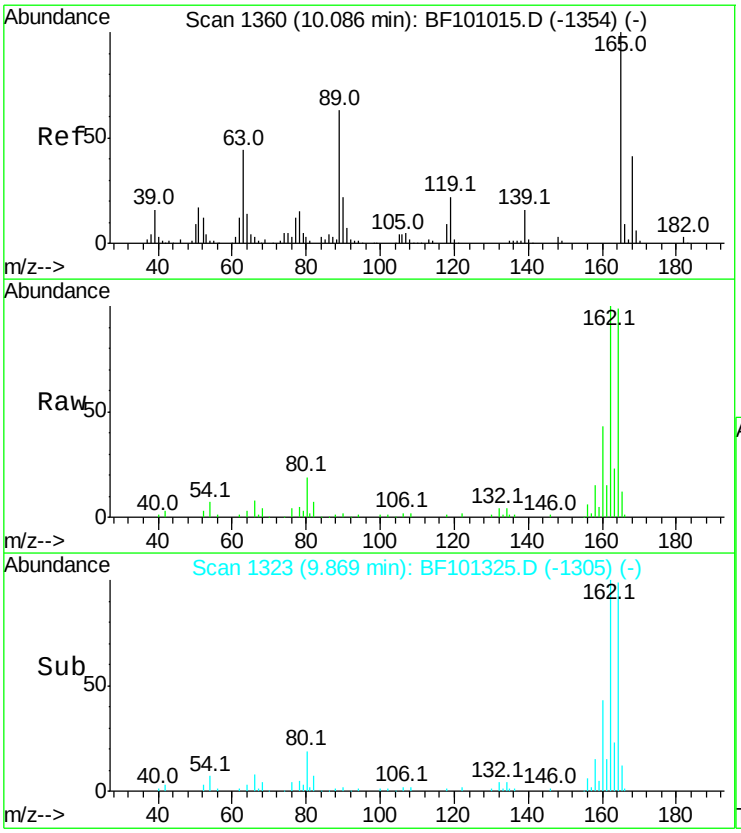
#50
2,6-Dinitrotoluene
Concen: 7.249 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7666

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

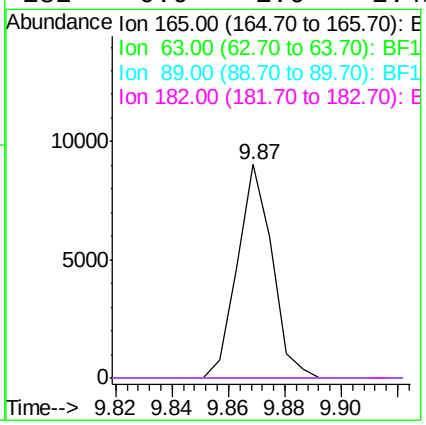


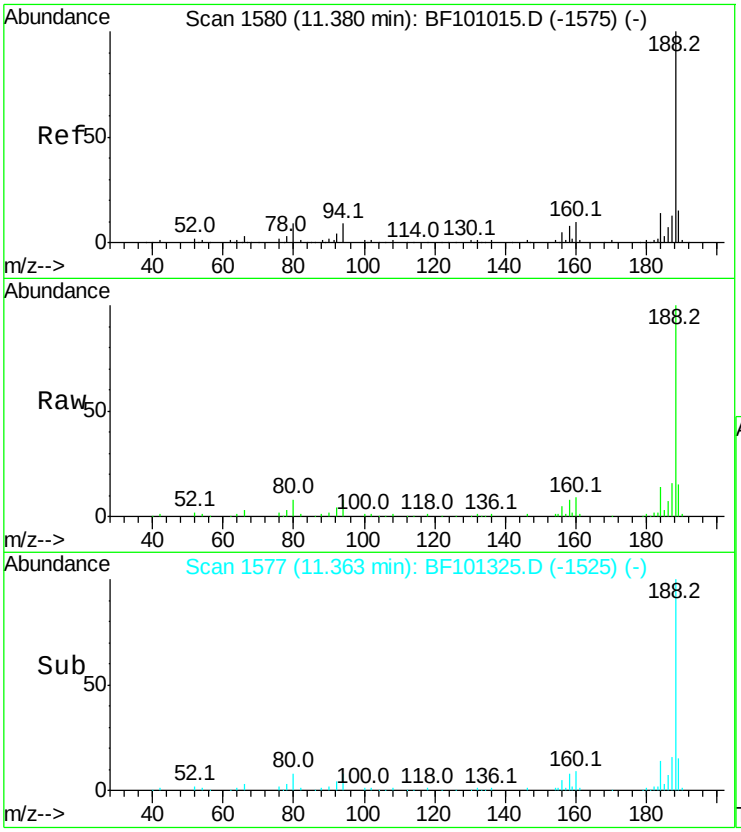


#56
2,4-Dinitrotoluene
Concen: 5.409 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:165 Resp: 7666

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#



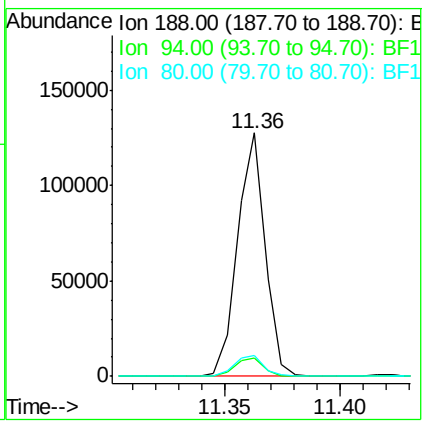


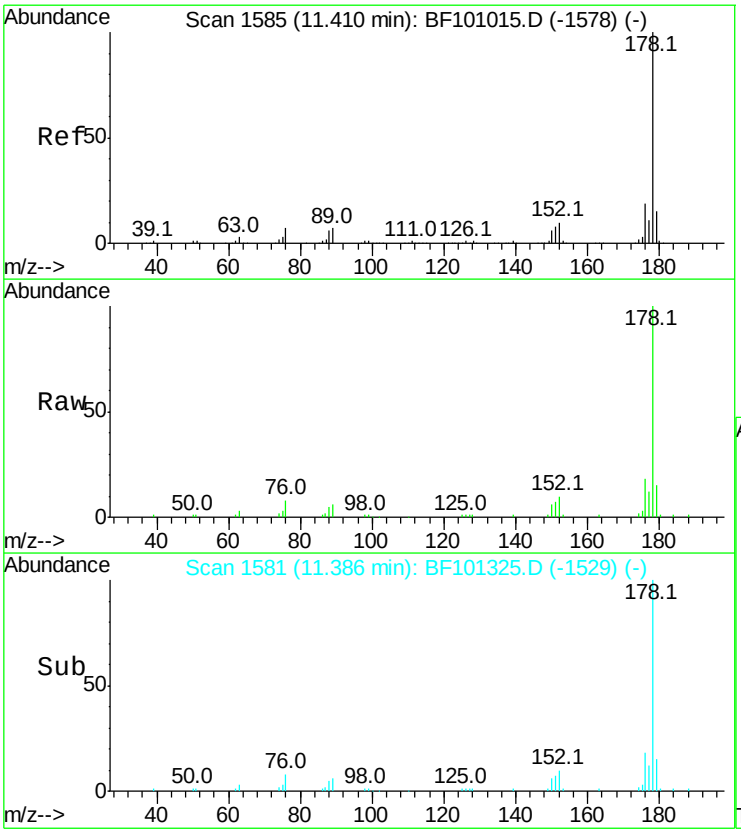
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 106370

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.4	9.2	13.8#

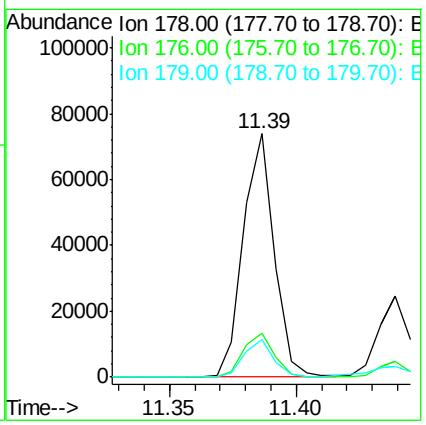


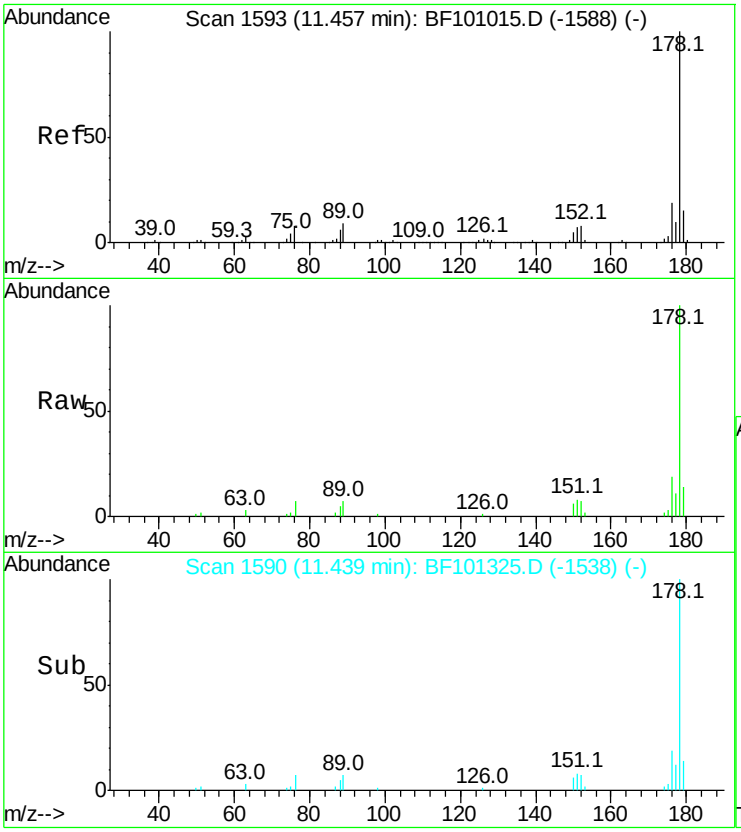


#70
Phenanthrene
Concen: 10.719 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:178 Resp: 62788

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.4	13.0	19.6



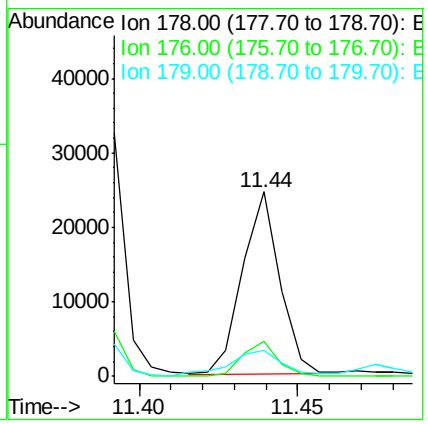


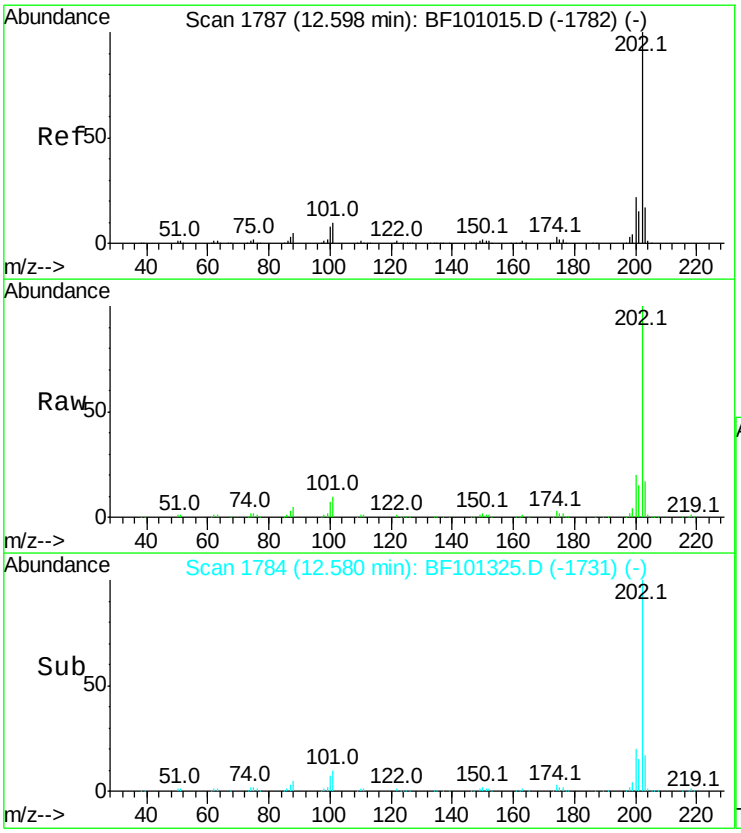
#71
Anthracene
Concen: 3.383 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 20054

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	13.8	12.6	19.0

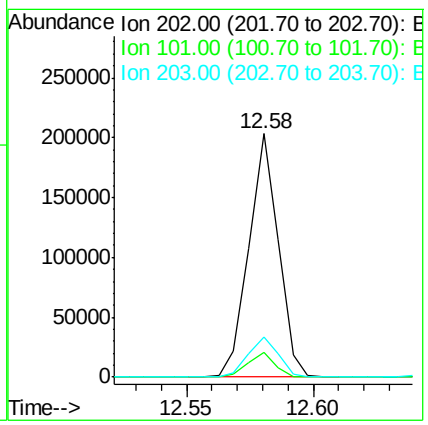


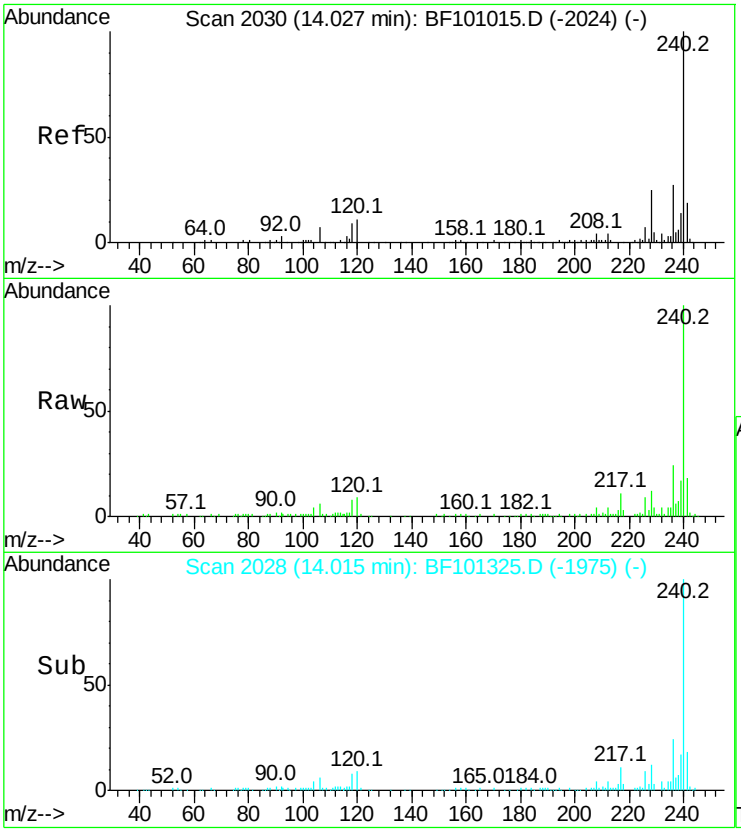


#74
Fluoranthene
Concen: 25.523 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:202 Resp: 165726

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	16.7	0.0	38.1



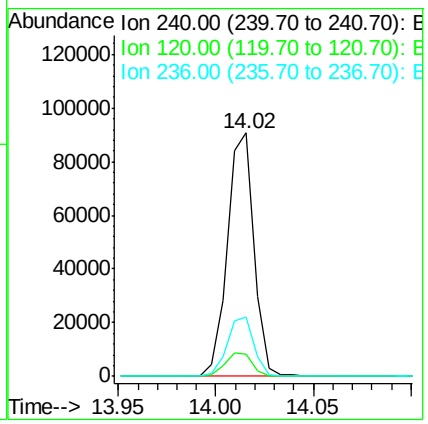


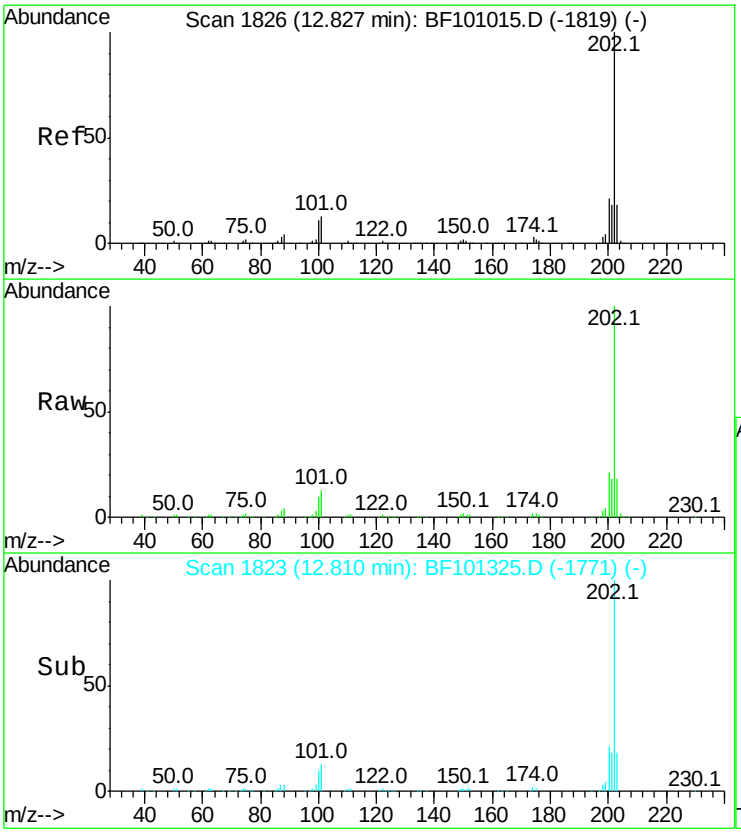
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 85579

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	24.2	20.7	31.1

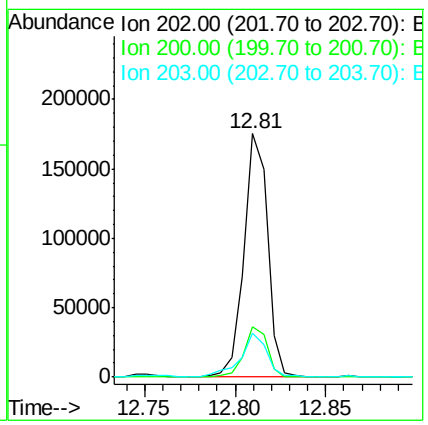


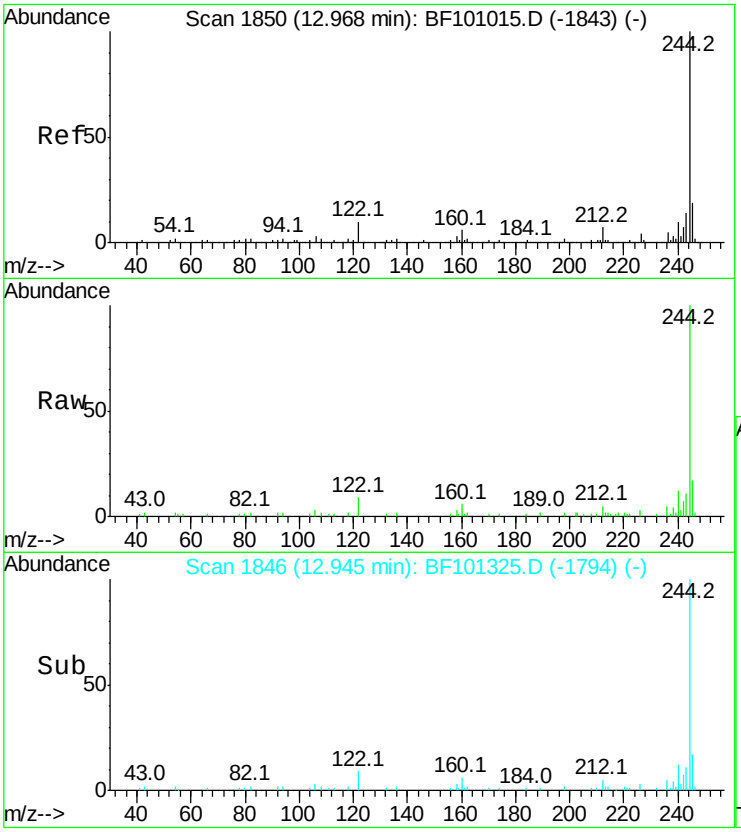


#77
Pyrene
Concen: 27.036 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:202 Resp: 159655

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.8	14.3	21.5



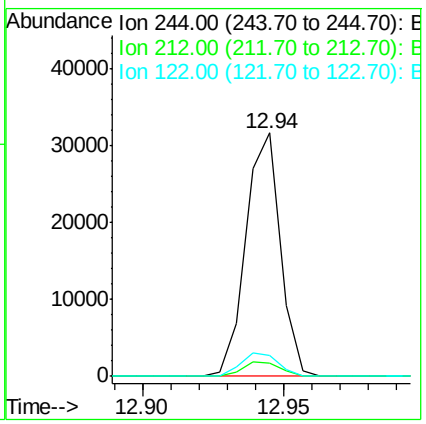


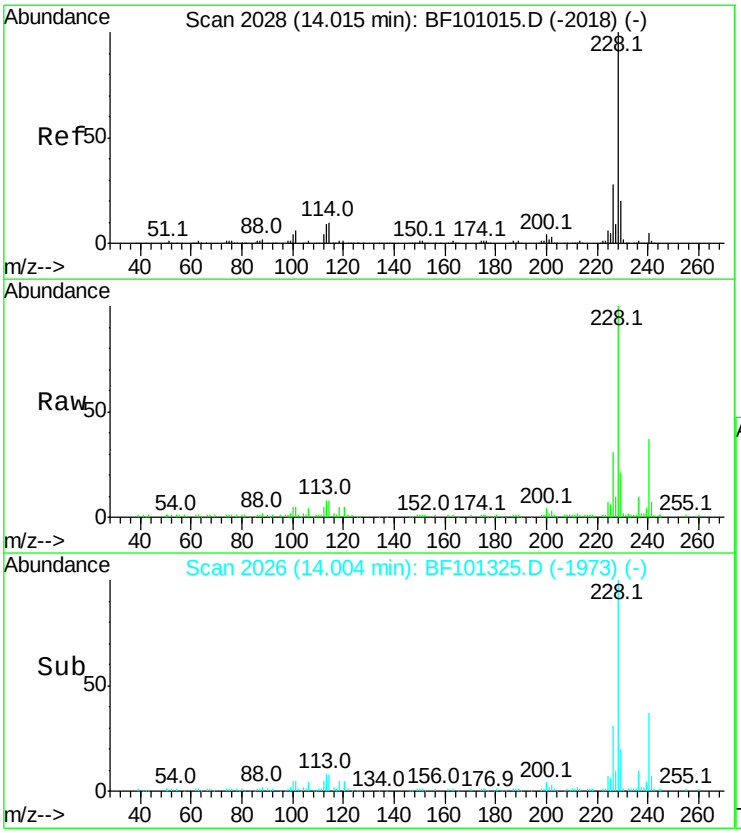
#78
Terphenyl-d14
Concen: 6.841 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 26768

Ion	Ratio	Lower	Upper
244	100		
212	5.2	5.4	8.0#
122	8.8	11.0	16.4#

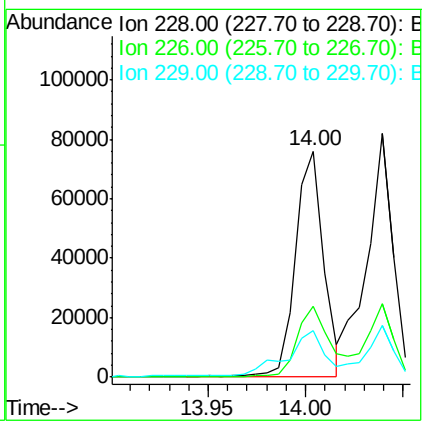


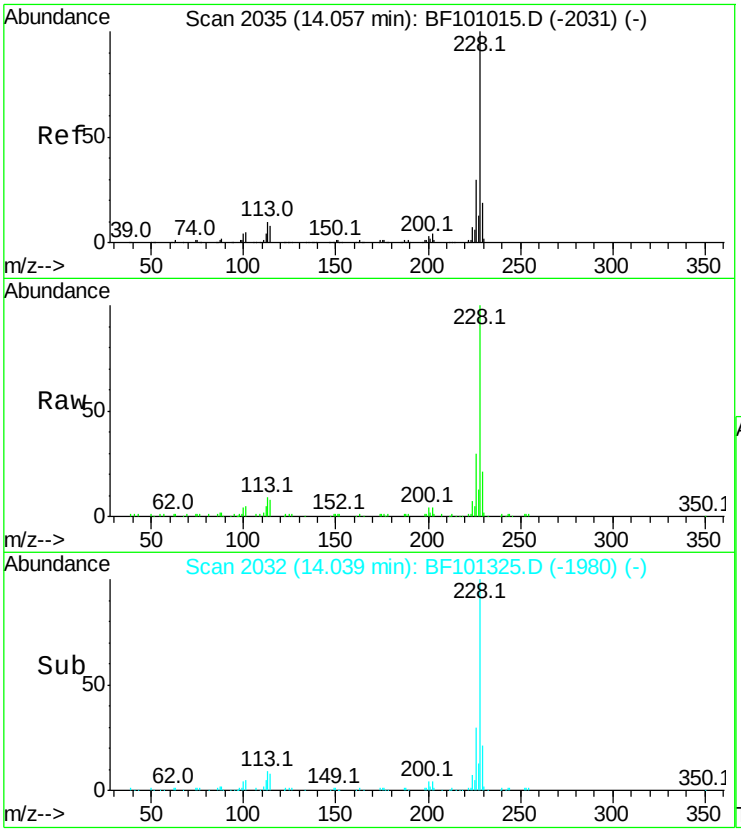


#80
Benzo(a)anthracene
Concen: 14.102 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:228 Resp: 76199

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	20.6	15.8	23.6



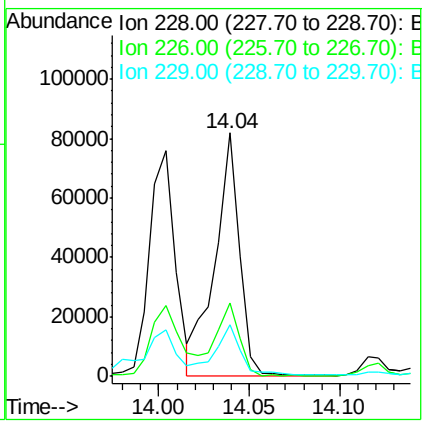


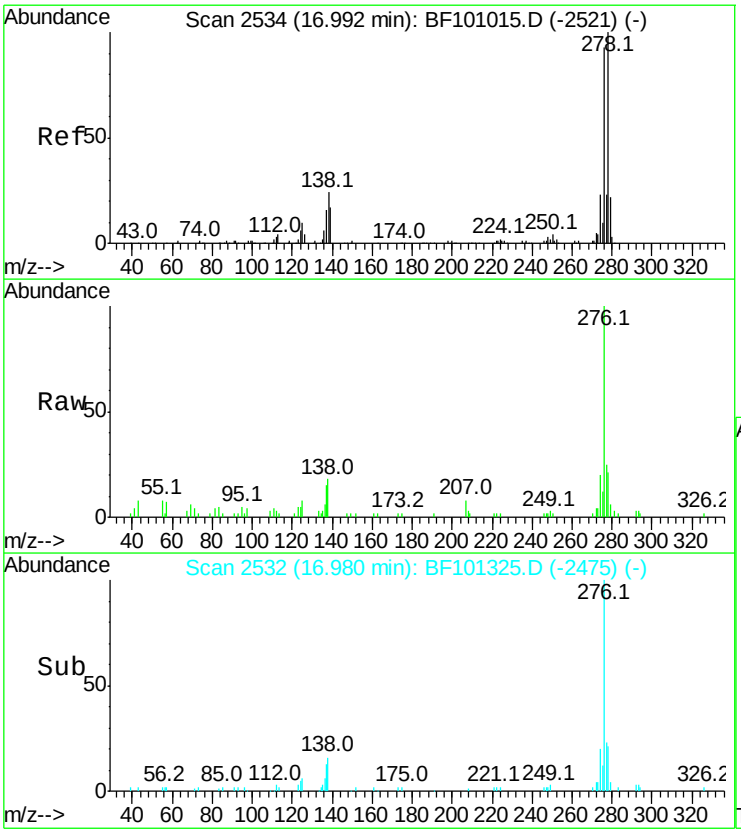
#82
Chrysene
Concen: 15.492 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77741

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.0	16.2	24.4

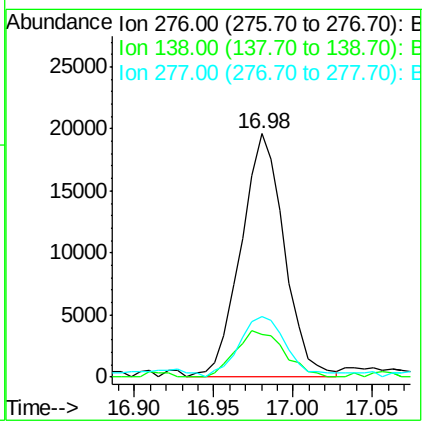


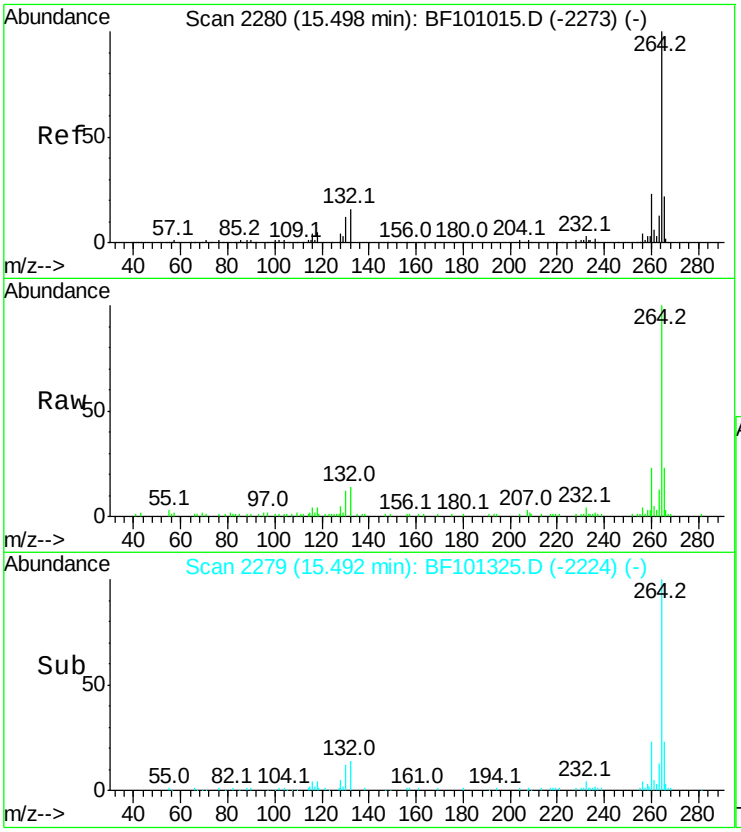


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.384 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:276 Resp: 37405

Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	27.0	20.1	30.1



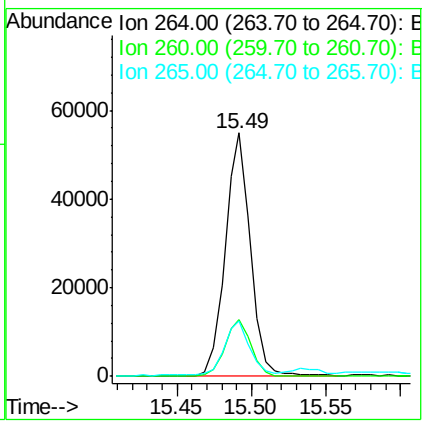


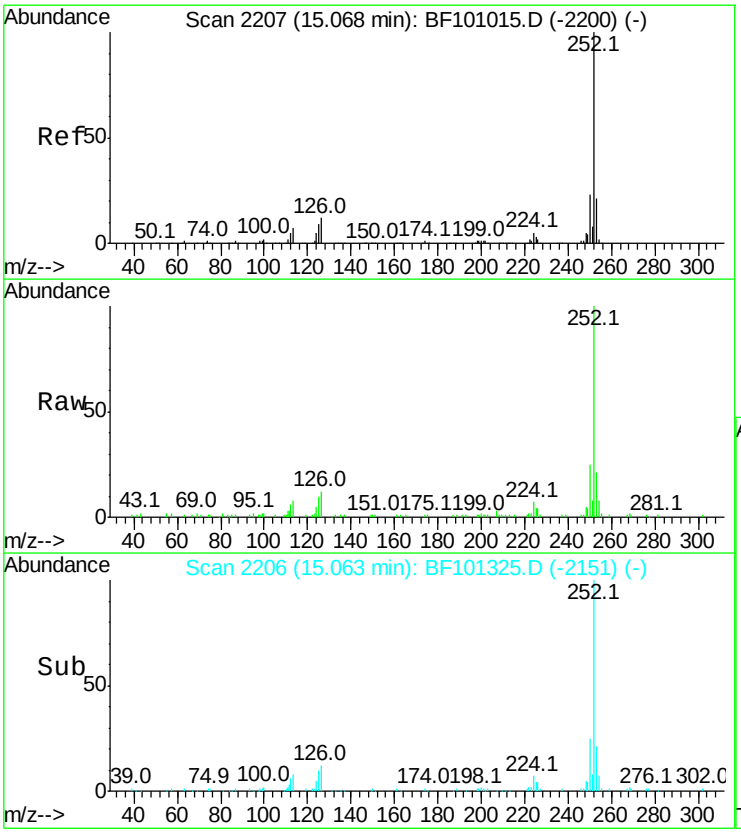
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 65216

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3

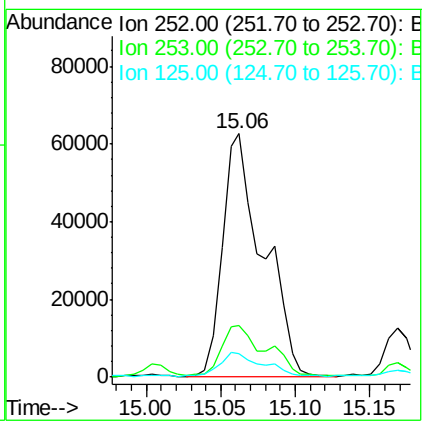


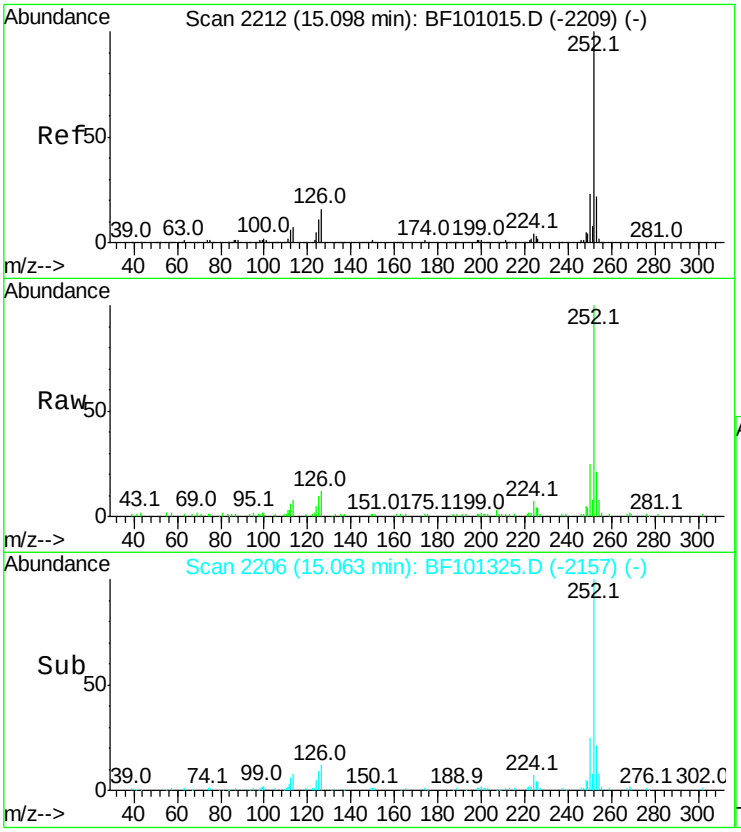


#87
Benzo(b)fluoranthene
Concen: 30.474 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:252 Resp: 119041

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	9.7	9.0	13.6



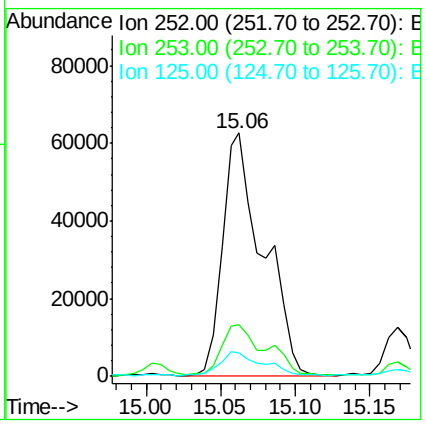


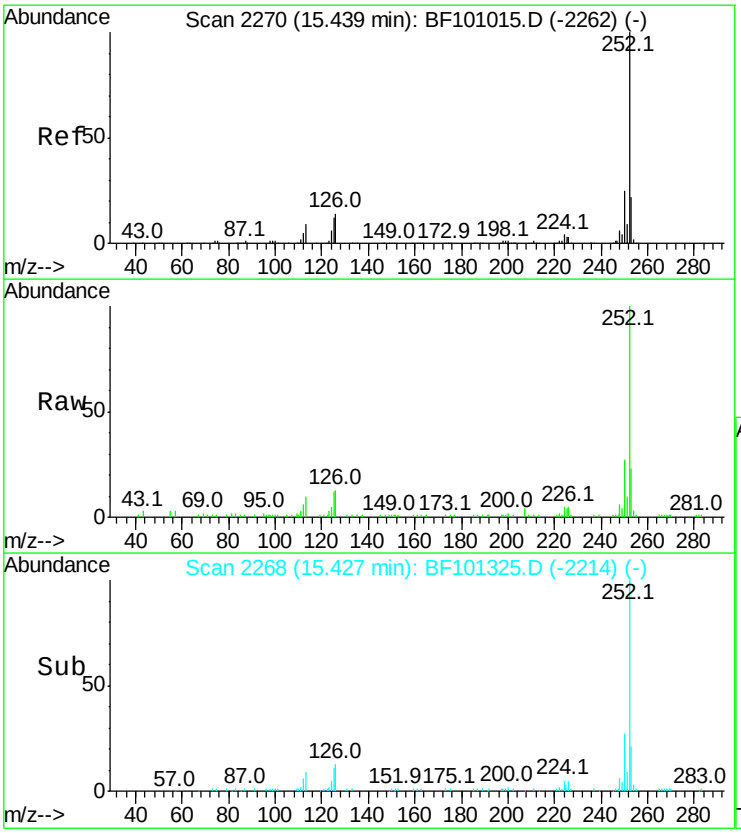
#88
Benzo(k)fluoranthene
Concen: 30.931 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 119041

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	9.7	10.2	15.2#

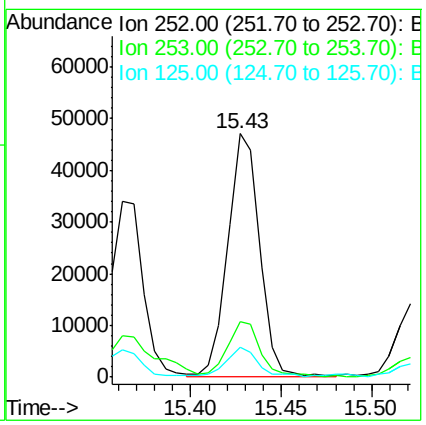


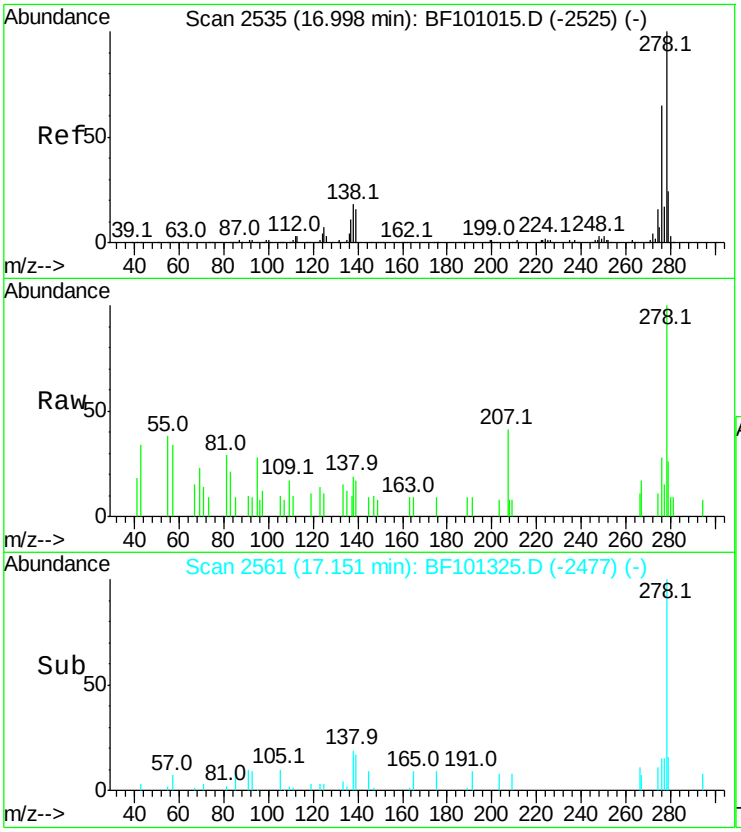


#89
Benzo(a)pyrene
Concen: 16.344 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:252 Resp: 58043

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.1	9.8	14.6



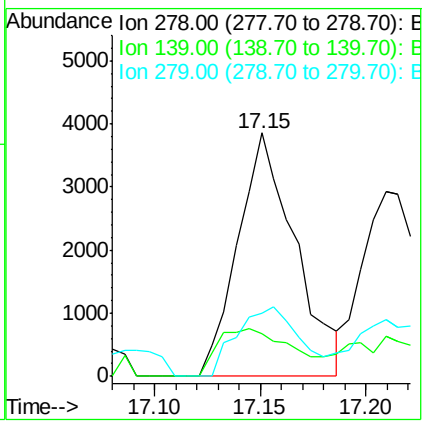


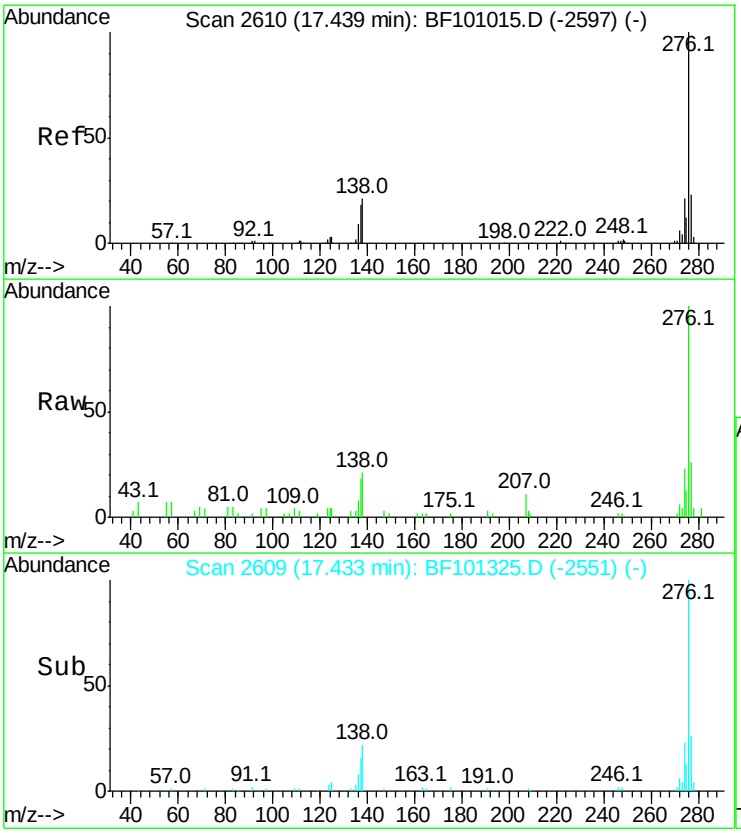
#90
Dibenzo(a,h)anthracene
Concen: 2.325 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.19 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 7279

Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	26.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 12.330 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF101325.D
Acq: 12 Dec 2017 10:05

Tgt Ion:276 Resp: 36379

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	21.2	21.8	32.8#