Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101314.D
Acq On : 12 Dec 2017 5:09
Operator : SJ/JU
Sample : I6764-01 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 12 07:07:17 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	6.83	152	43595	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	160010	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	63765	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	109895	20.00	ng		0.00
75) Chrysene-d12	14.02	240	88778	20.00	ng		0.02
86) Perylene-d12	15.50	264	67924	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	139368	52.83	ng		0.00
7) Phenol-d6	6.46	99	166723	52.05	ng		0.00
23) Nitrobenzene-d5	7.39	82	92800	34.60	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	30869	40.30	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	204720	43.93	ng		0.00
78) Terphenyl-d14	12.94	244	166013	40.90	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	12356	5.728	ng	#	79
25) Isophorone	7.39	82	92800	20.254	ng	#	64
48) Acenaphthylene	9.73	152	49503	7.260	ng		98
49) Dimethylphthalate	9.58	163	19013	3.697	ng		99
50) 2,6-Dinitrotoluene	9.87	165	7960	7.349	ng	#	24
57) Fluorene	10.42	166	12243	2.560	ng		88
70) Phenanthrene	11.39	178	155517	25.697	ng		97
71) Anthracene	11.44	178	101413	16.557	ng		97
74) Fluoranthene	12.59	202	453859	67.655	ng		96
77) Pyrene	12.82	202	526029	85.869	ng		99
80) Benzo(a)anthracene	14.01	228	314956	56.189	ng		97
82) Chrysene	14.04	228	265097	50.924	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	127772	27.608	ng	#	87
87) Benzo(b)fluoranthene	15.07	252	402279	98.877	ng		97
88) Benzo(k)fluoranthene	15.07	252	402279	100.360	ng		98
89) Benzo(a)pyrene	15.37	252	165515	44.749	ng		96
90) Dibenzo(a,h)anthracene	17.00	278	38930	11.939	ng	#	89
91) Benzo(g,h,i)perylene	17.46	276	136350	44.370	ng	#	91

(#) = 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 : BF101314.D
Acq On : 12 Dec 2017 5:09
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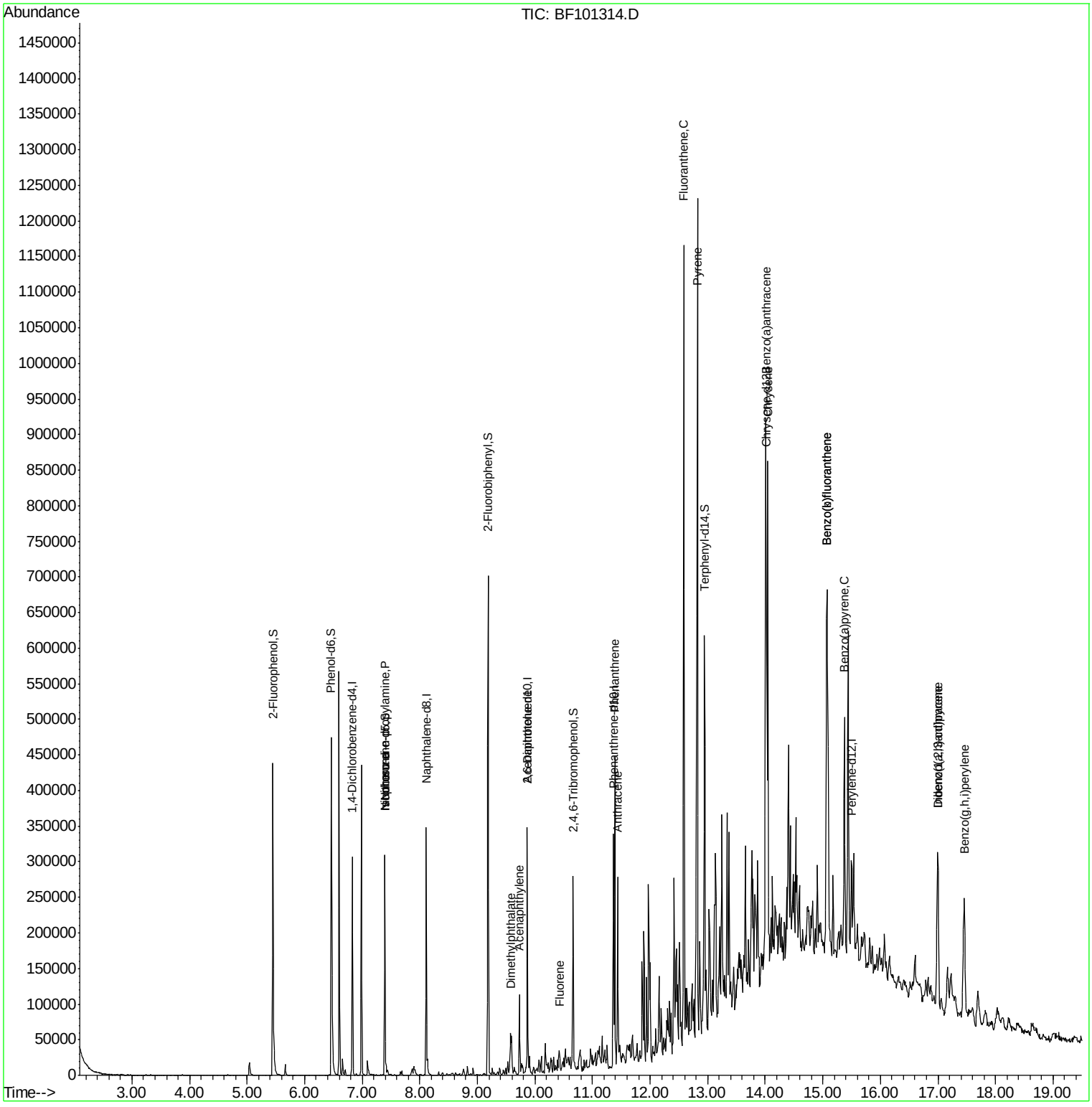
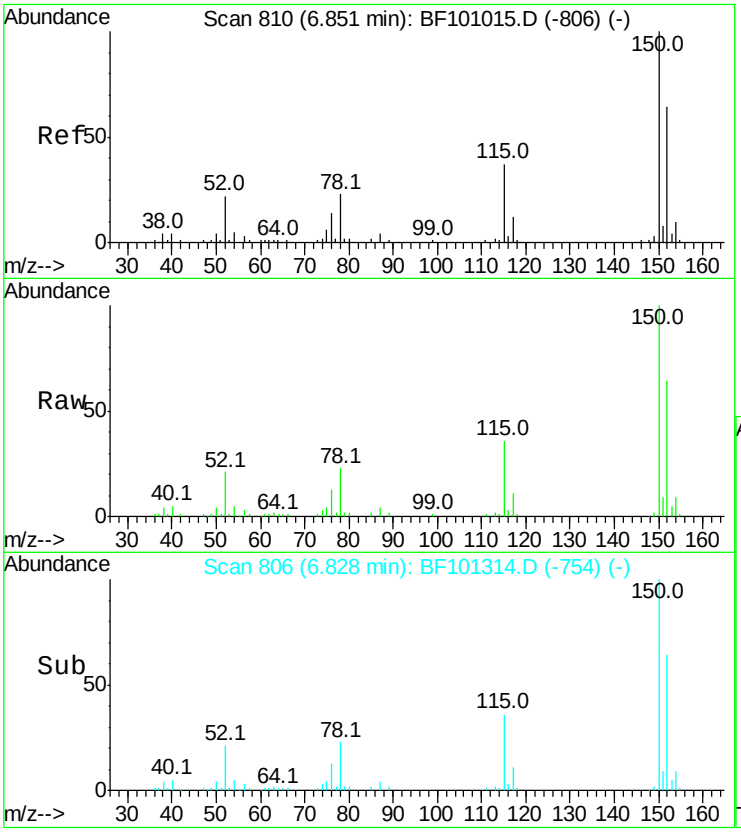
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 12 07:07:17 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



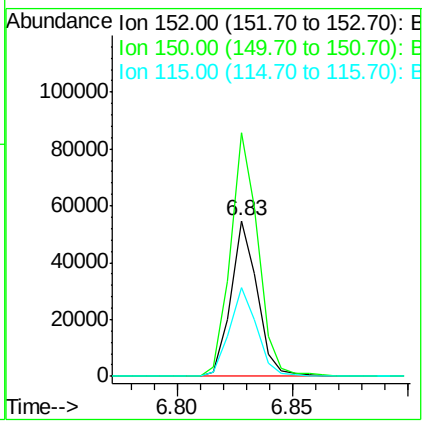


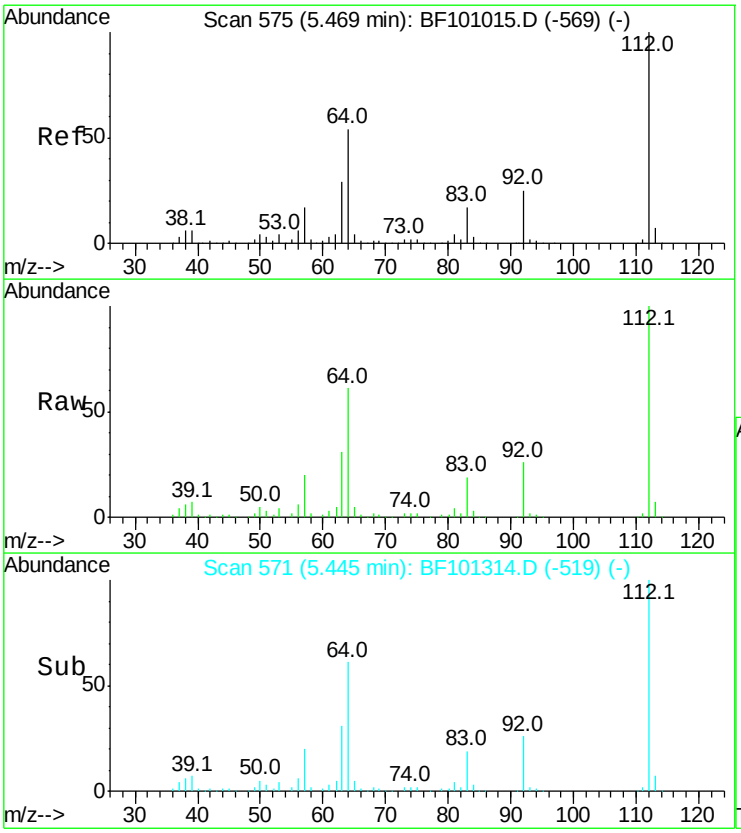
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43595

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.2	50.1	75.1

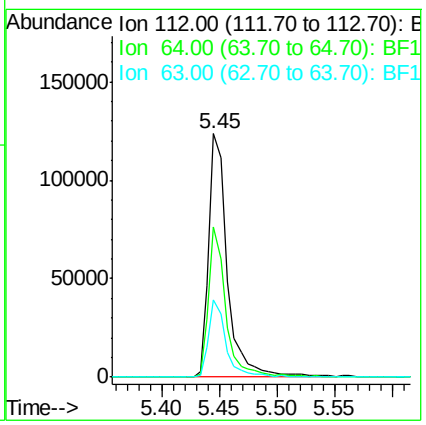


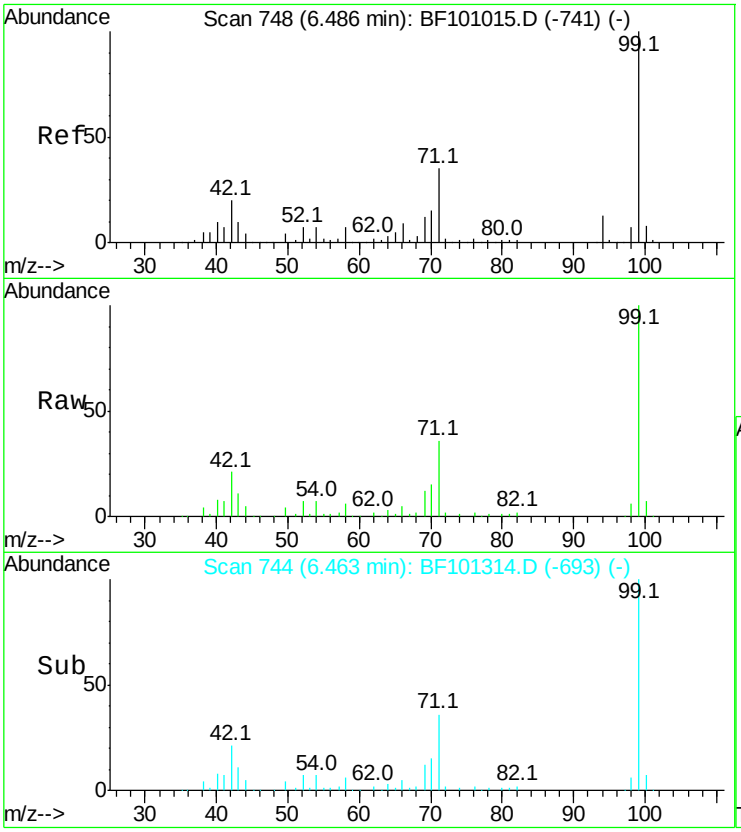


#5
2-Fluorophenol
Concen: 52.827 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:112 Resp: 139368

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	31.5	23.7	35.5



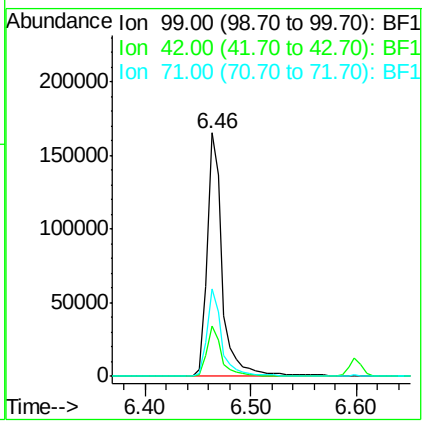


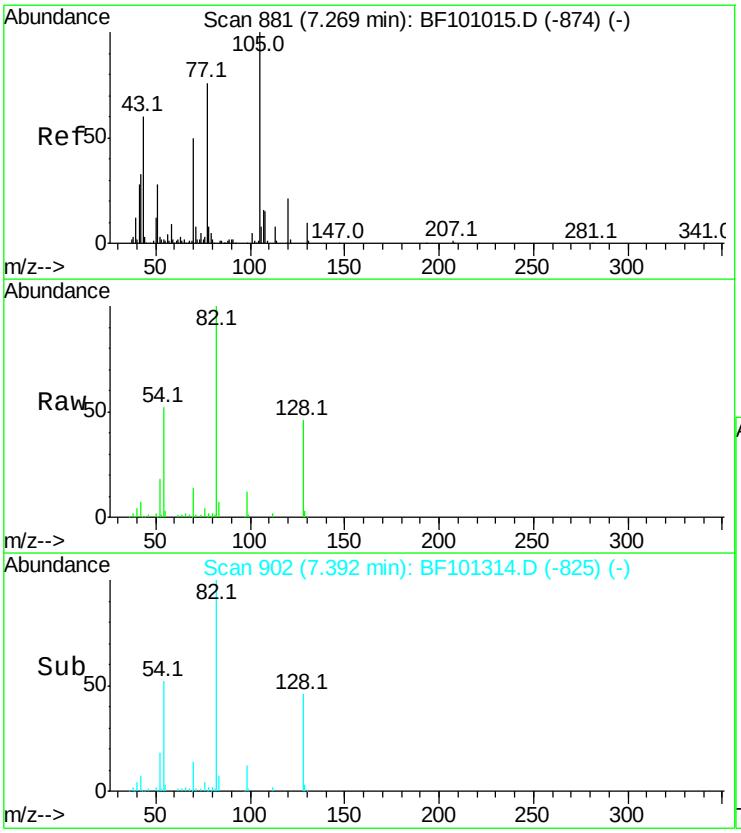
#7
Phenol-d6
Concen: 52.051 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 166723

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	36.0	25.4	38.0

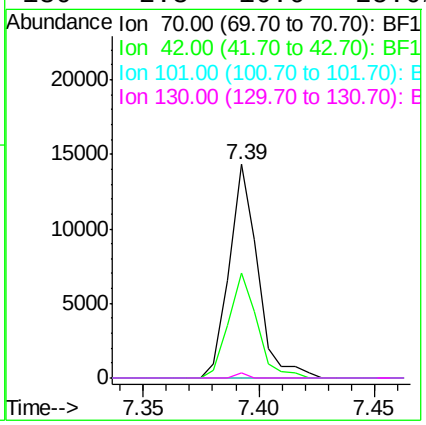


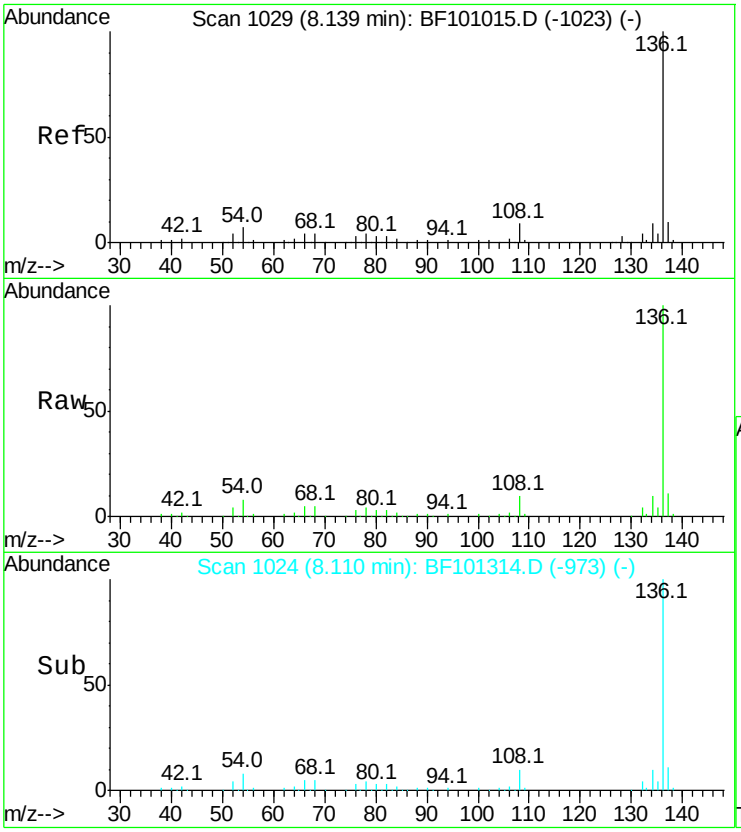


#19
n-Nitroso-di-n-propylamine
Concen: 5.728 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion: 70 Resp: 12356

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



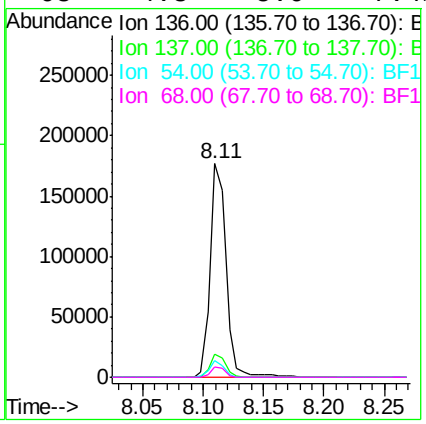


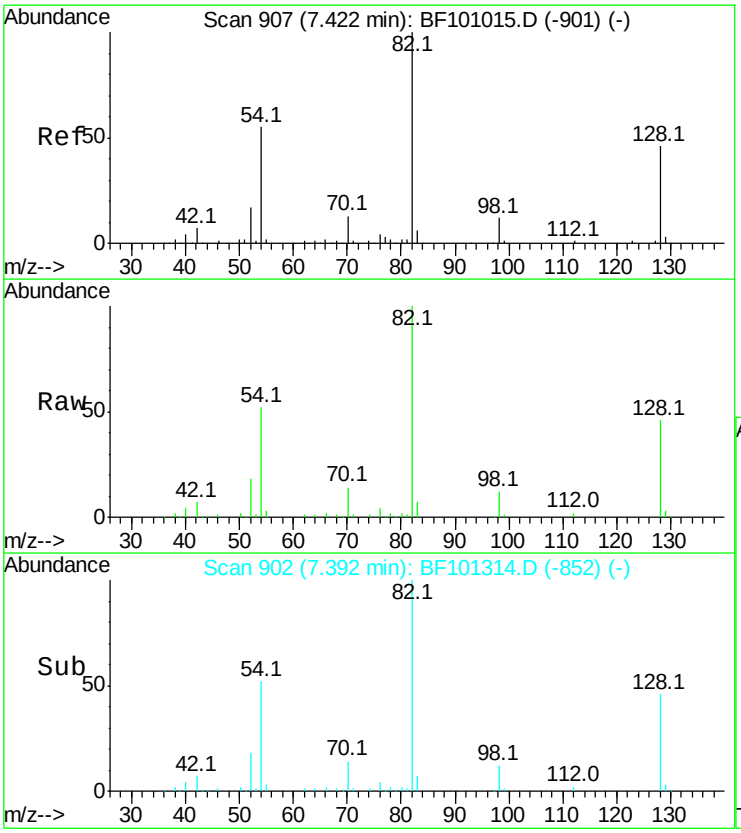
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 160010

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	4.8	5.0	7.4#

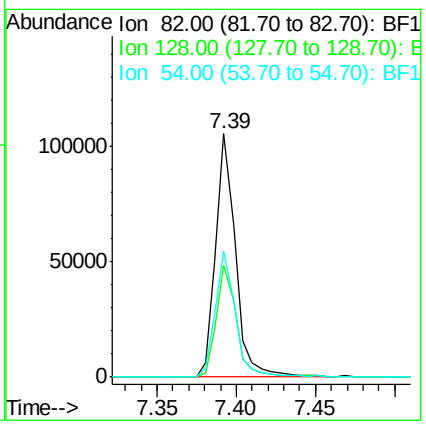


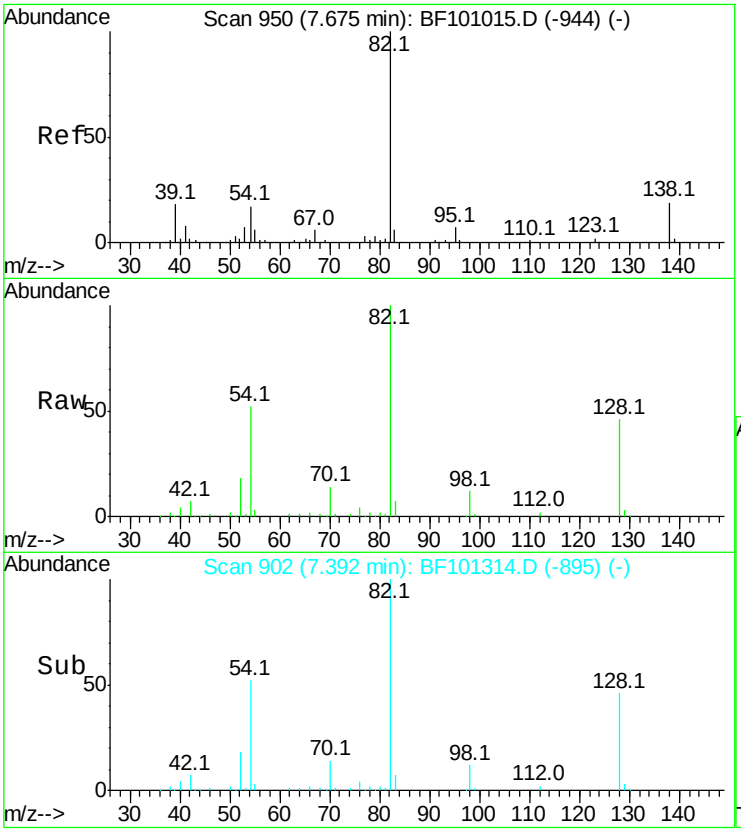


#23
Nitrobenzene-d5
Concen: 34.597 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion: 82 Resp: 92800

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	51.9	41.4	62.2



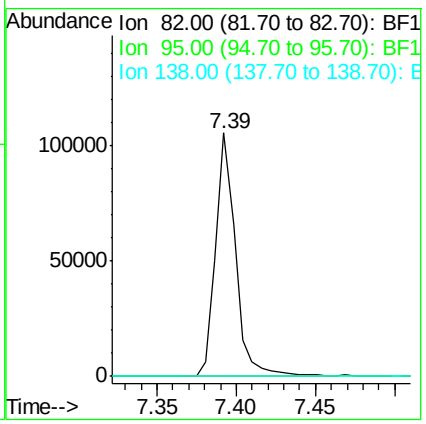


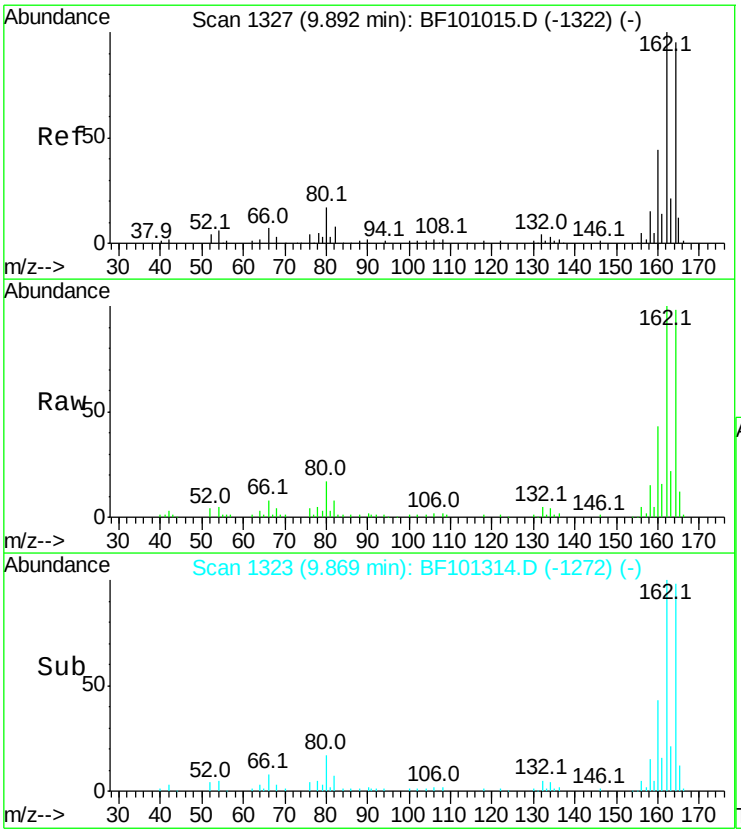
#25
Isophorone
Concen: 20.254 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 92800

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

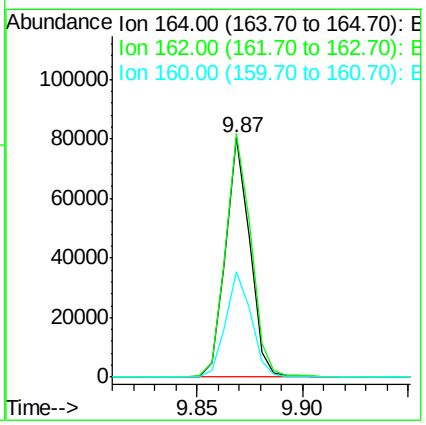


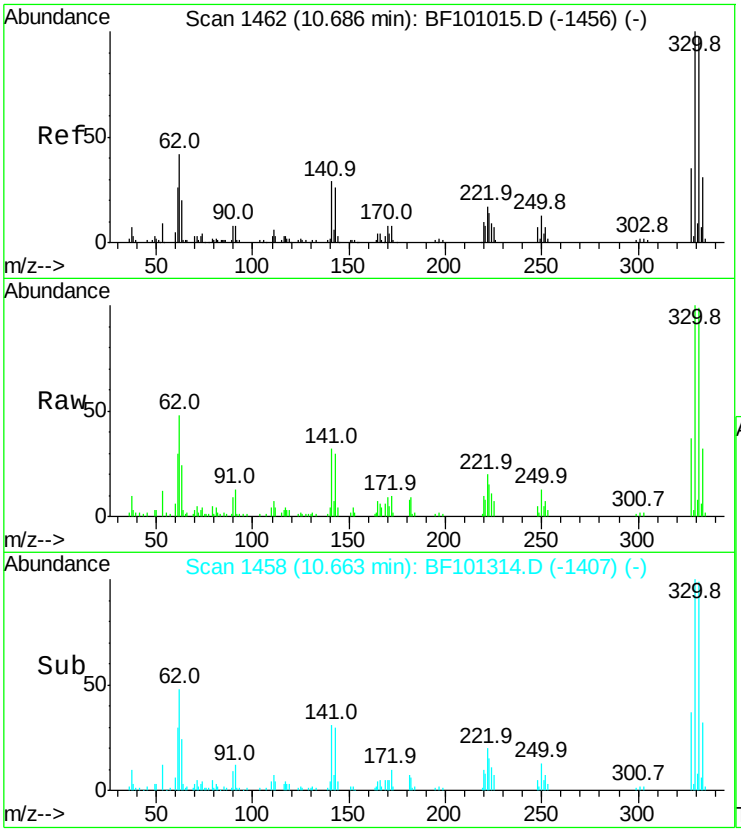


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:164 Resp: 63765

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	43.9	38.3	57.5



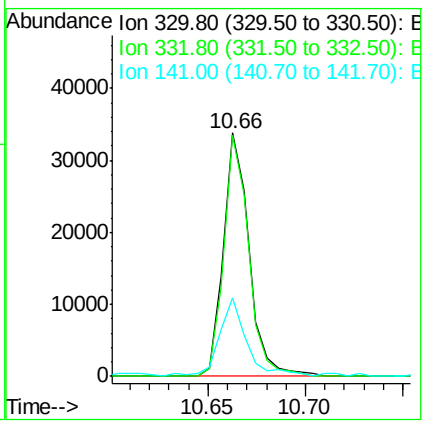


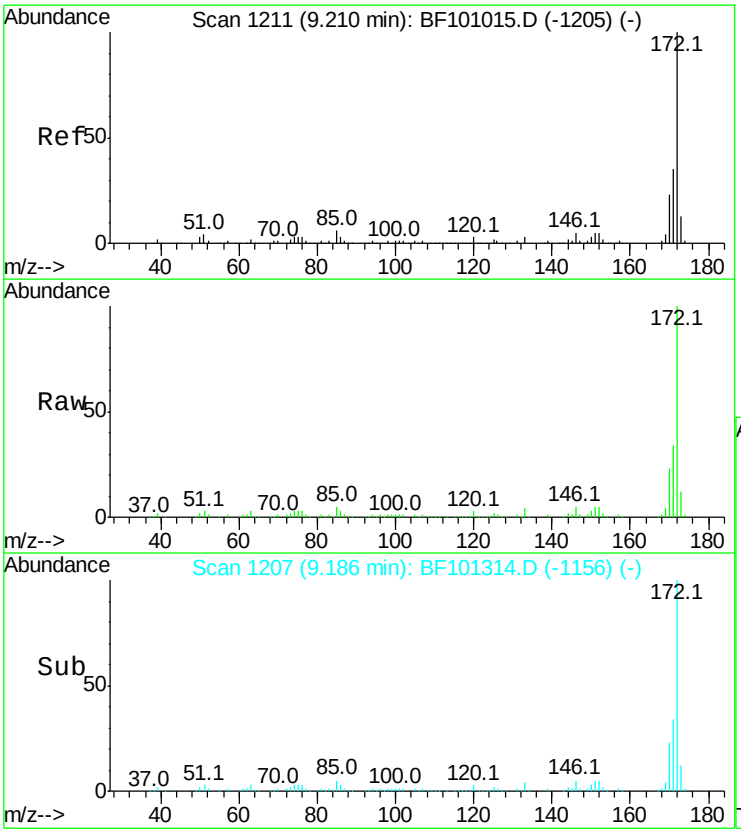
#41
2,4,6-Tribromophenol
Concen: 40.299 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 30869

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.3	29.9	44.9

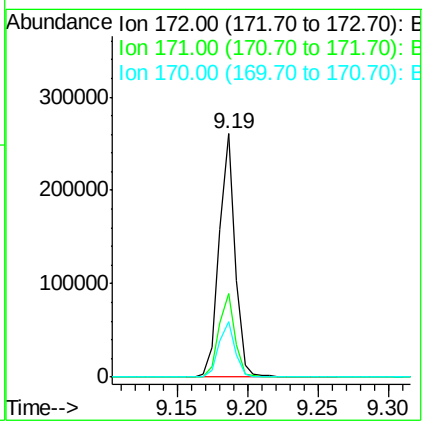


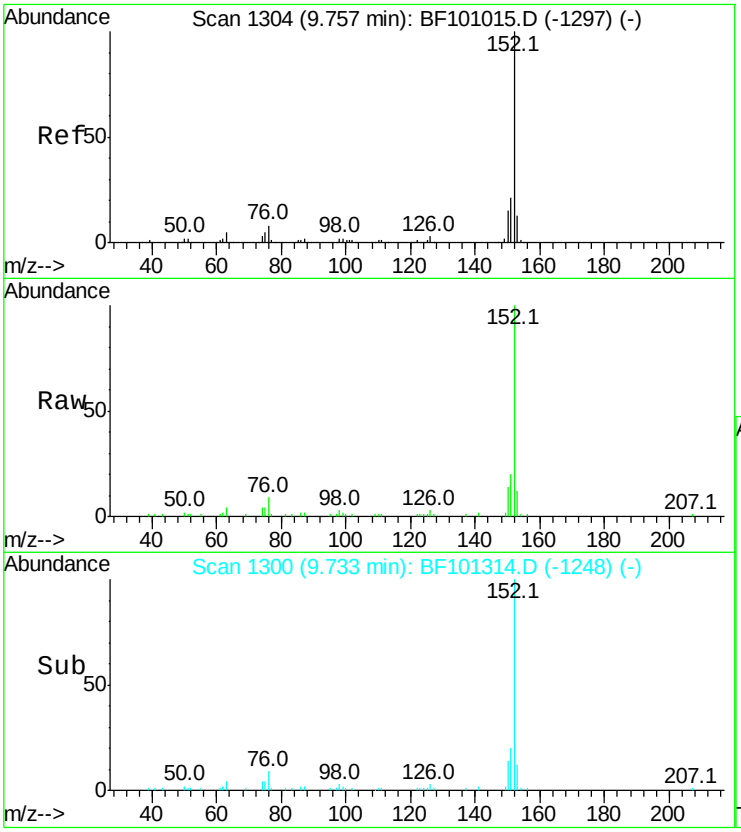


#44
2-Fluorobiphenyl
Concen: 43.927 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:172 Resp: 204720

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	22.6	19.6	29.4



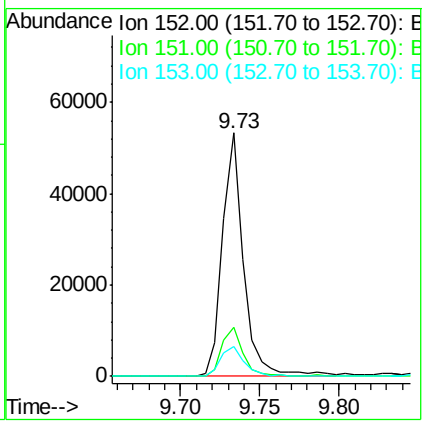


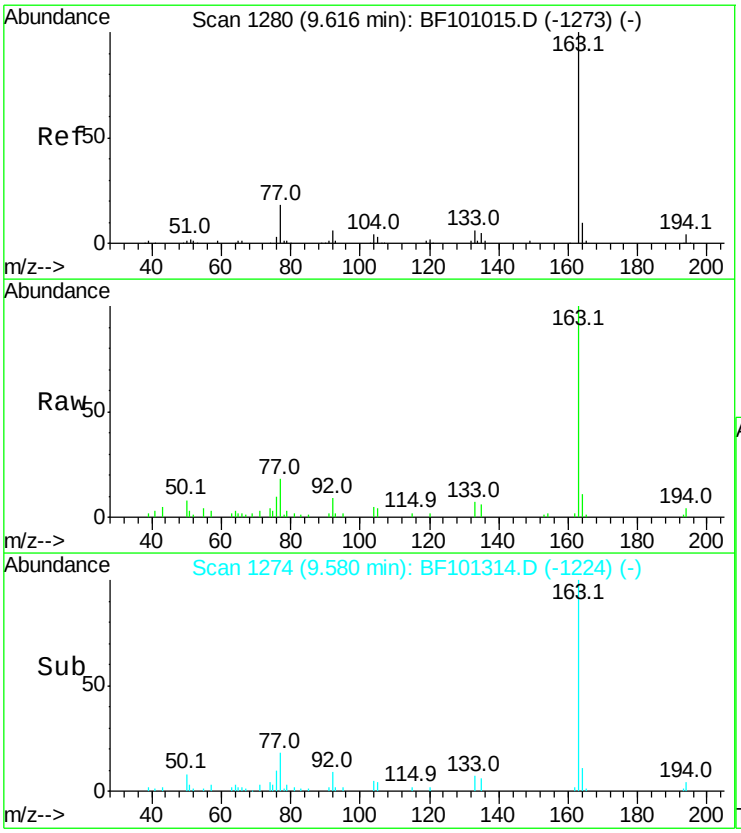
#48
Acenaphthylene
Concen: 7.260 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49503

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.1	10.7	16.1

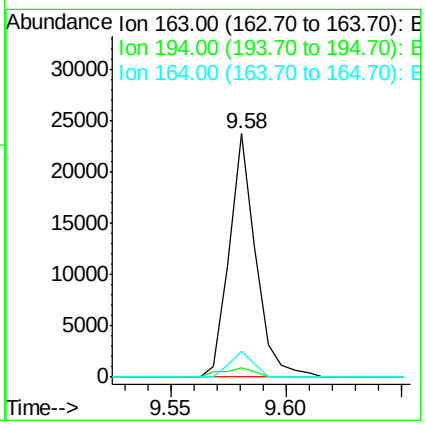


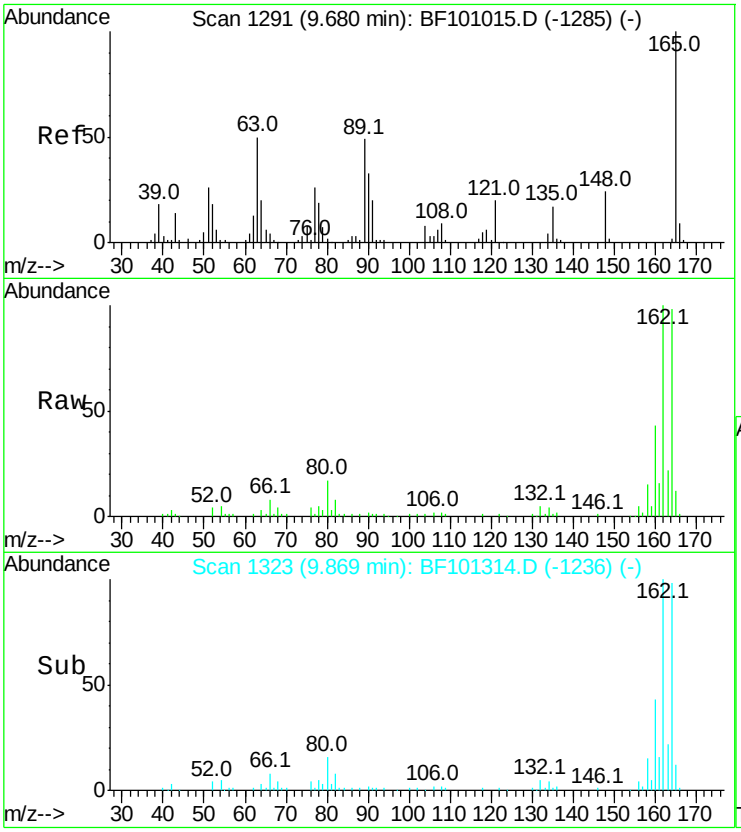


#49
Dimethylphthalate
Concen: 3.697 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:163 Resp: 19013

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



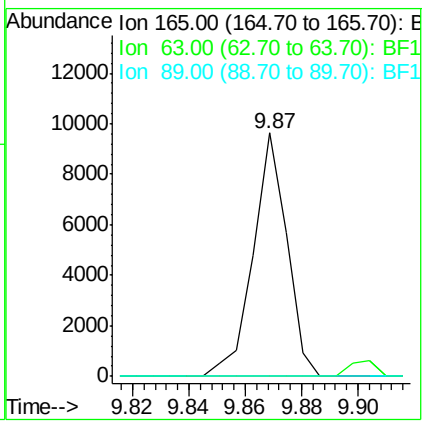


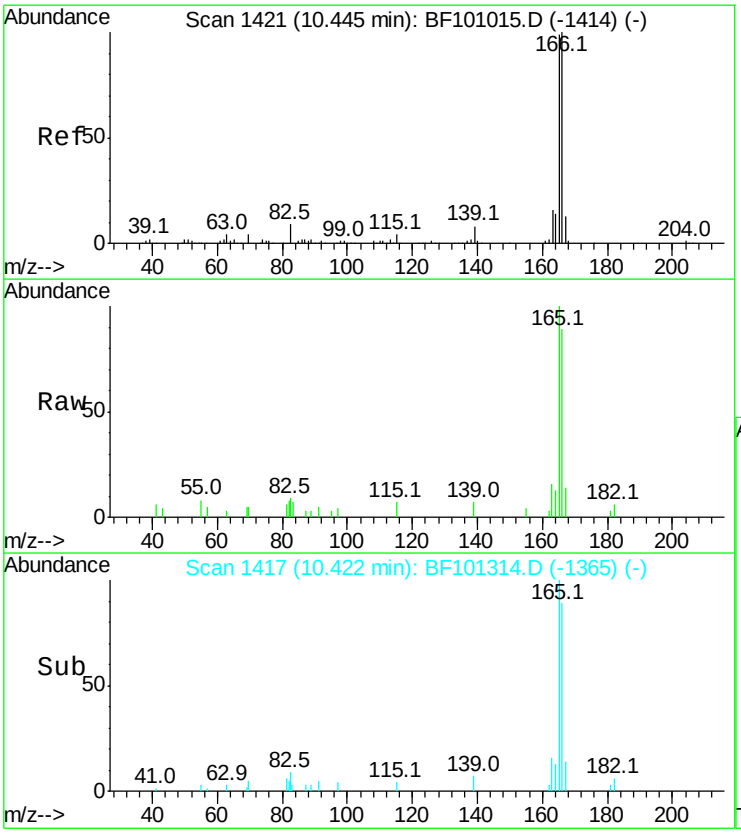
#50
2,6-Dinitrotoluene
Concen: 7.349 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7960

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

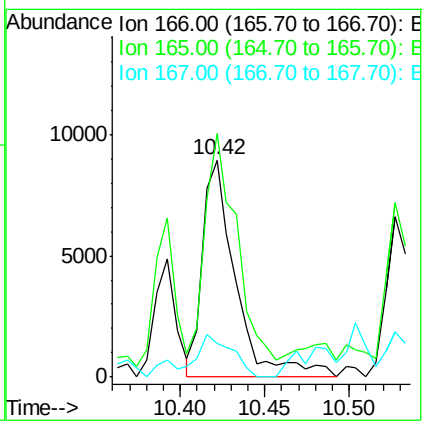


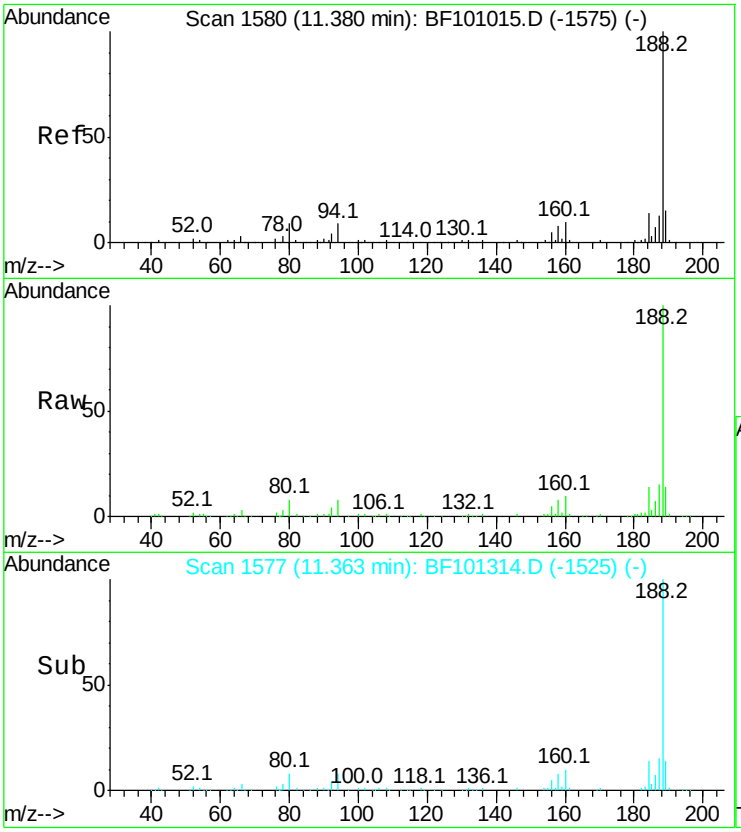


#57
Fluorene
Concen: 2.560 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:166 Resp: 12243

Ion	Ratio	Lower	Upper
166	100		
165	112.0	79.8	119.8
167	15.8	10.6	16.0



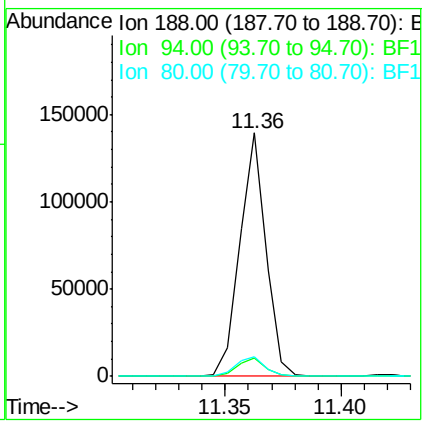


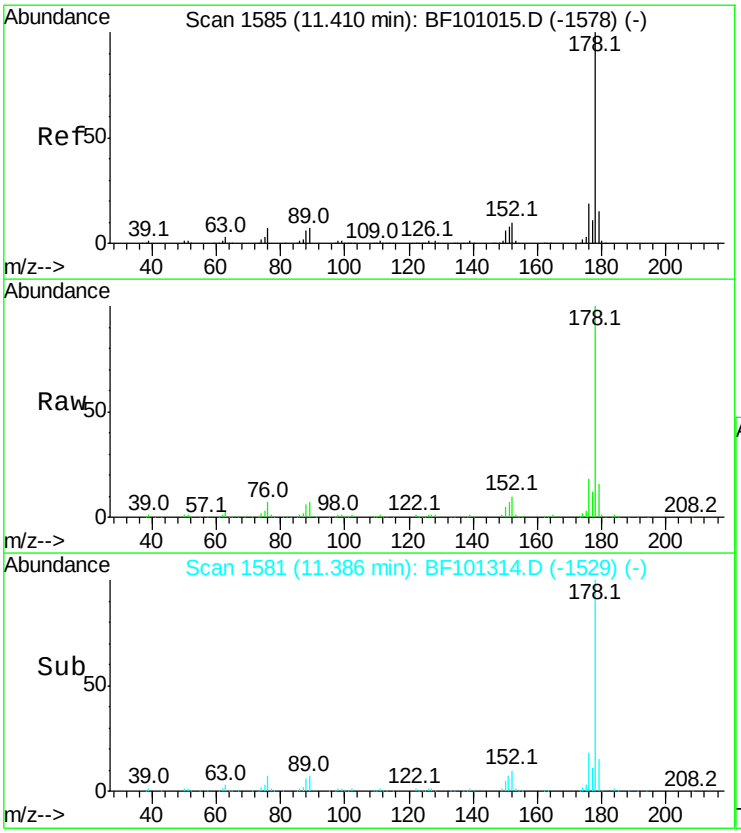
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 109895

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.1	9.2	13.8#

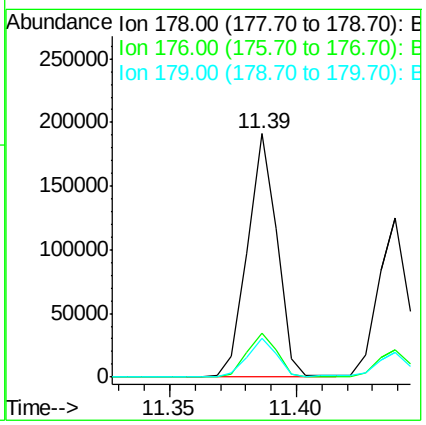


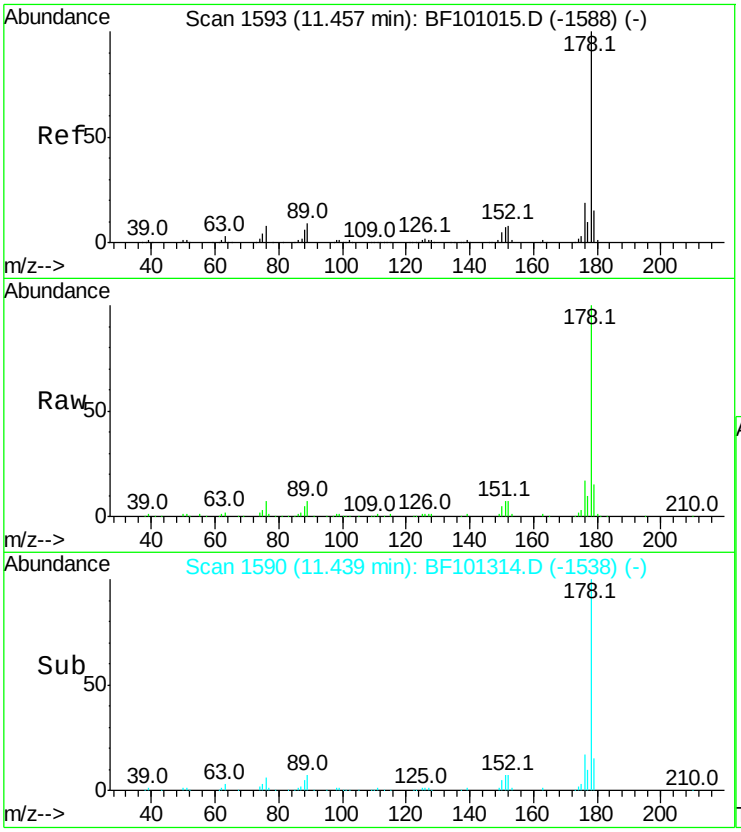


#70
Phenanthrene
Concen: 25.697 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:178 Resp: 155517

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.7	13.0	19.6



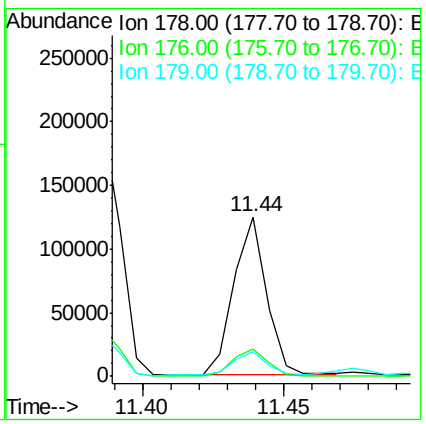


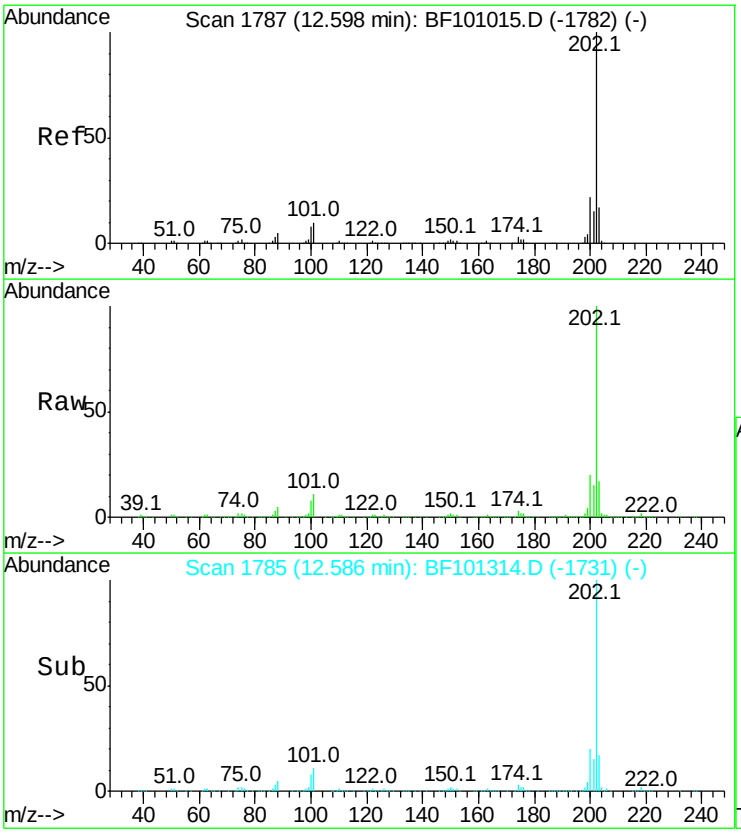
#71
Anthracene
Concen: 16.557 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 101413

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.2
179	15.4	12.6	19.0

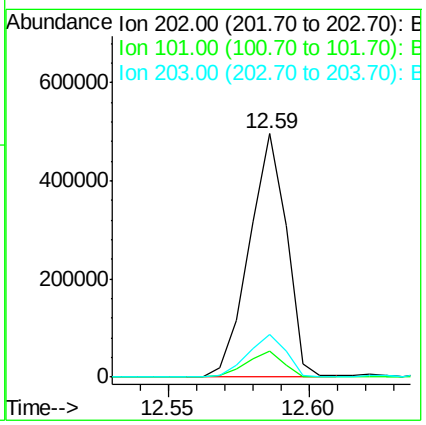


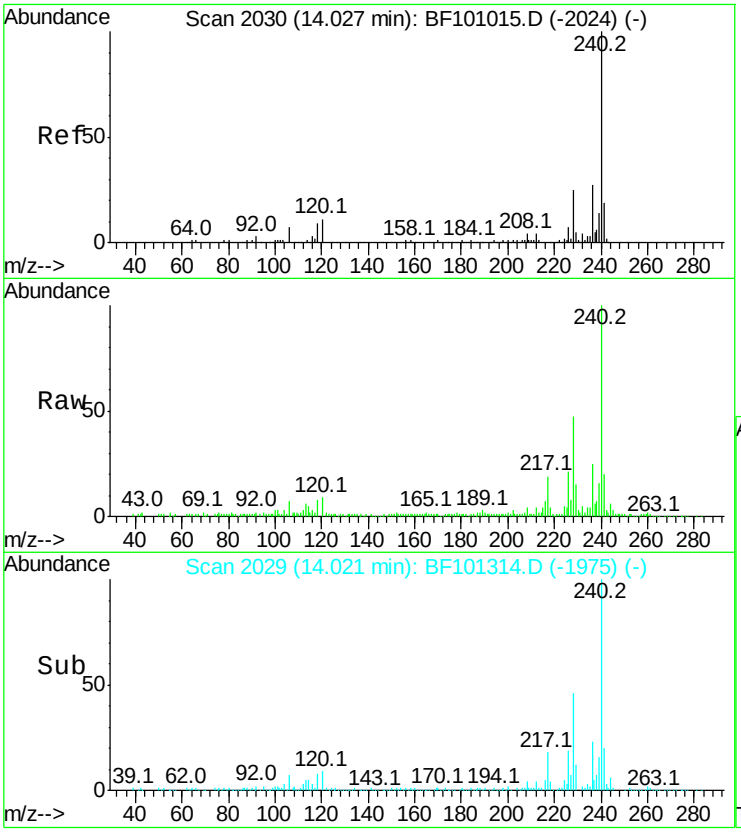


#74
Fluoranthene
Concen: 67.655 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.02 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:202 Resp: 453859

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.5	0.0	38.1



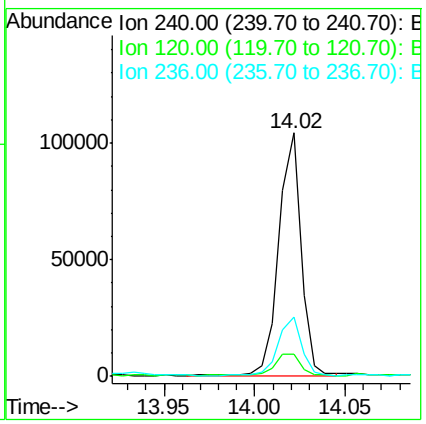


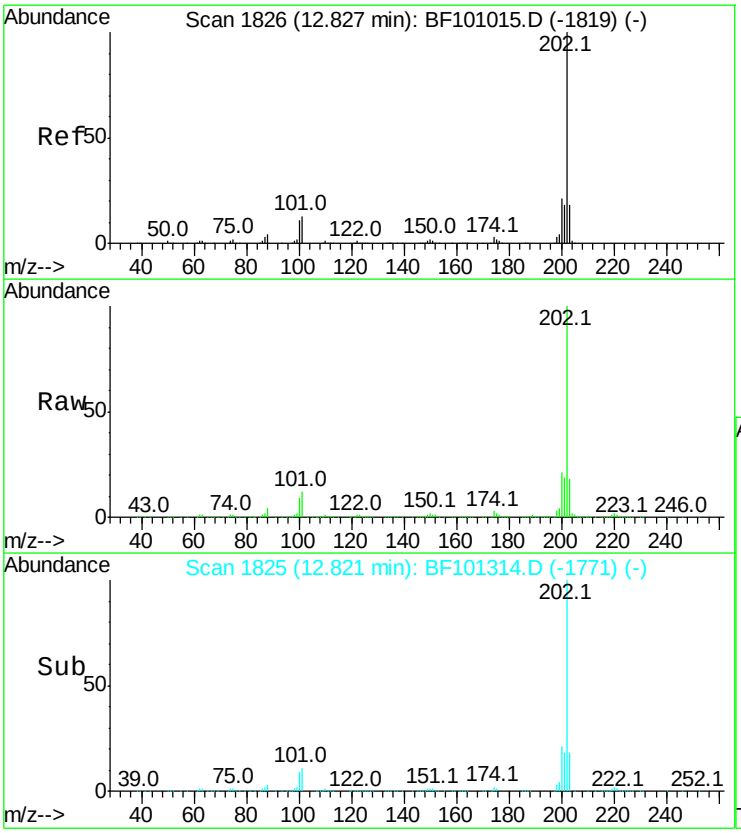
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 88778

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.5	20.7	31.1

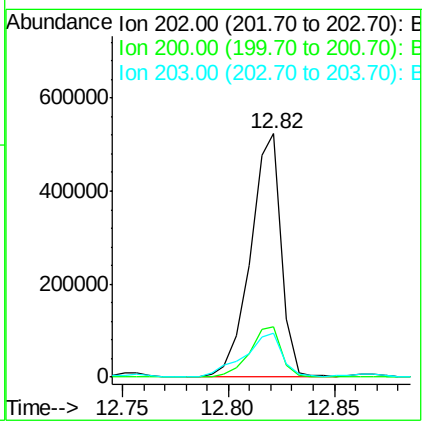


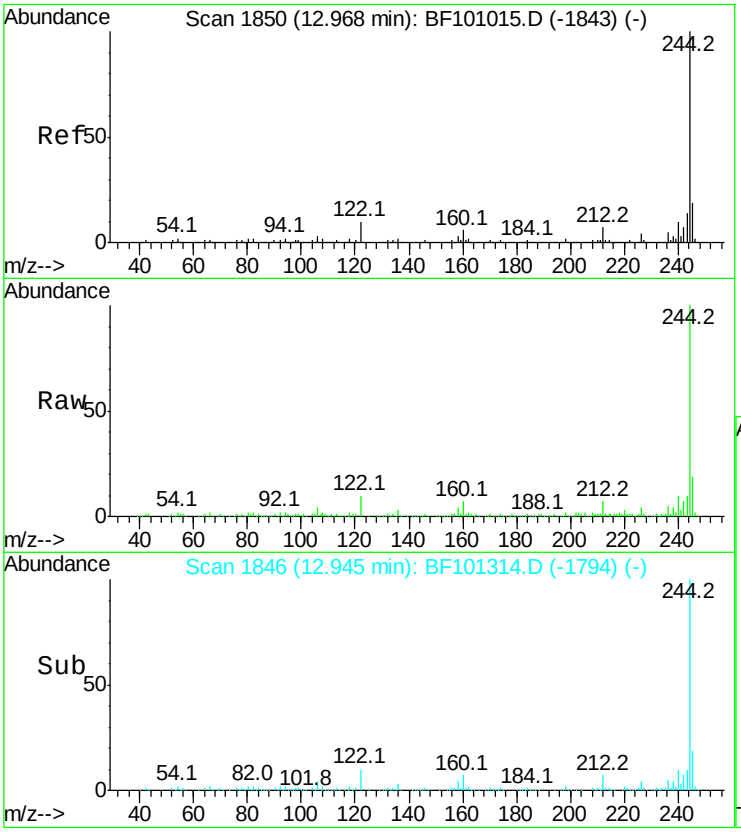


#77
Pyrene
Concen: 85.869 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:202 Resp: 526029

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5



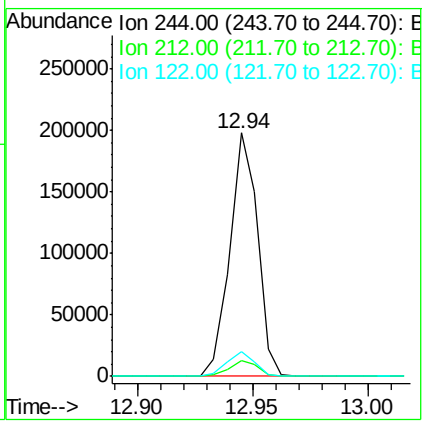


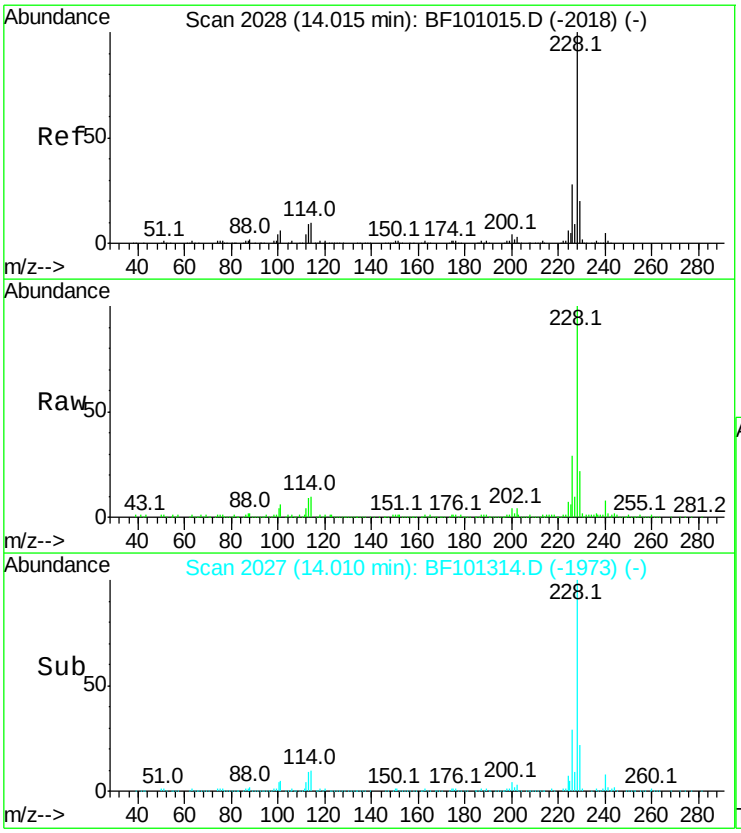
#78
Terphenyl-d14
Concen: 40.901 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 166013

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	11.0	16.4#

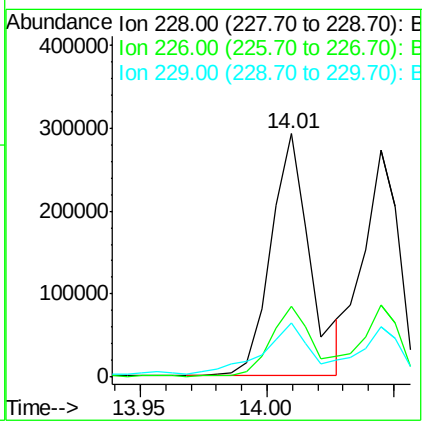


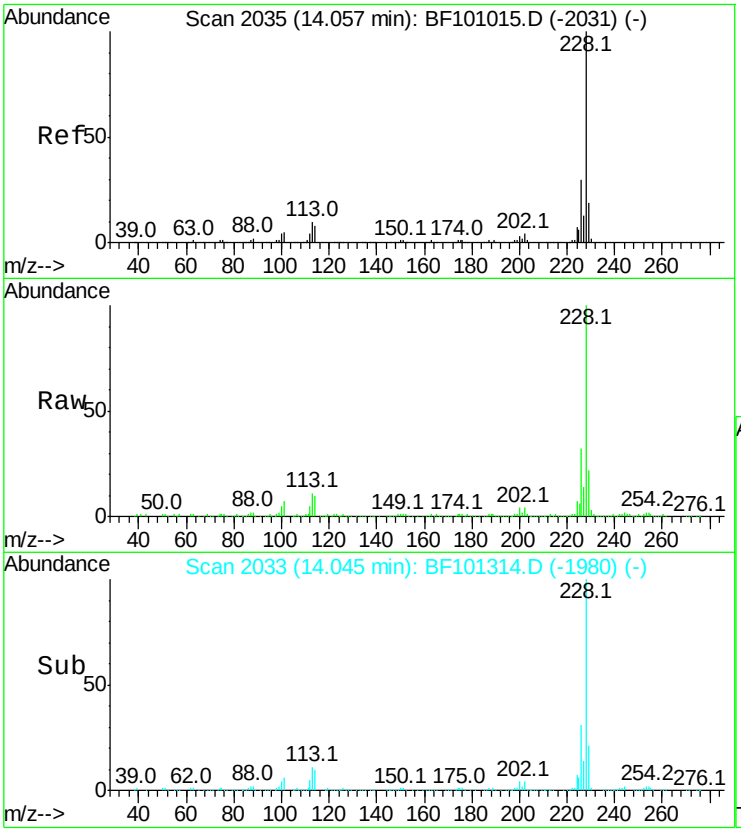


#80
Benzo(a)anthracene
Concen: 56.189 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:228 Resp: 314956

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	22.2	15.8	23.6



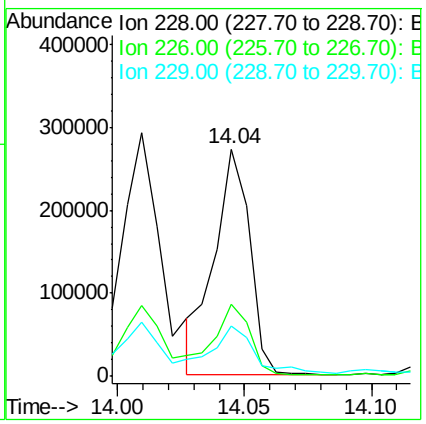


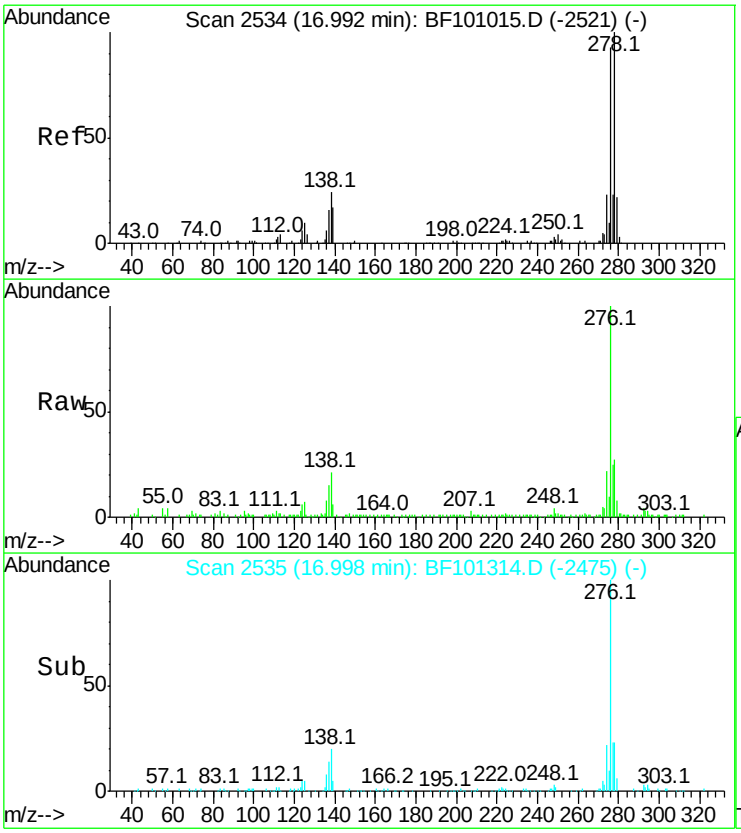
#82
Chrysene
Concen: 50.924 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 265097

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.1	16.2	24.4

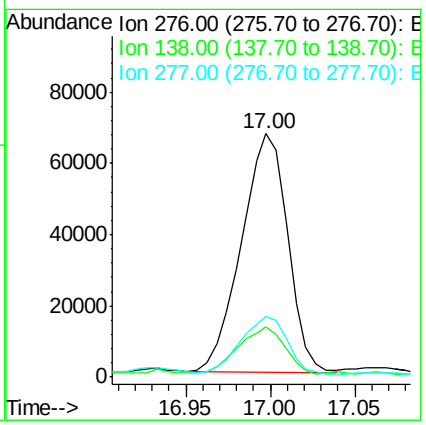


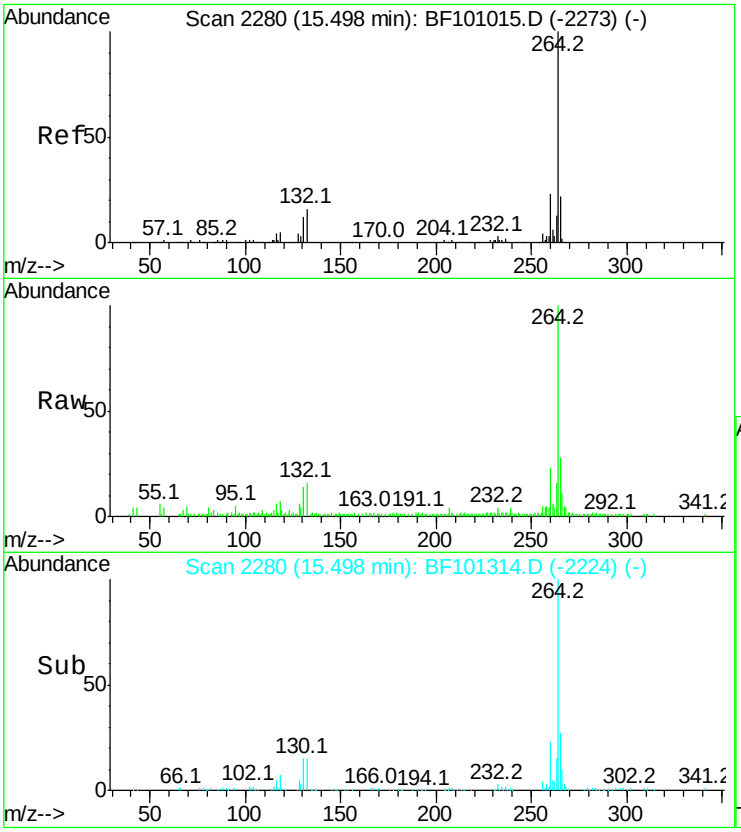


#85
Indeno(1,2,3-cd)pyrene
Concen: 27.608 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.05 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:276 Resp: 127772

Ion	Ratio	Lower	Upper
276	100		
138	19.5	25.0	37.6#
277	24.3	20.1	30.1



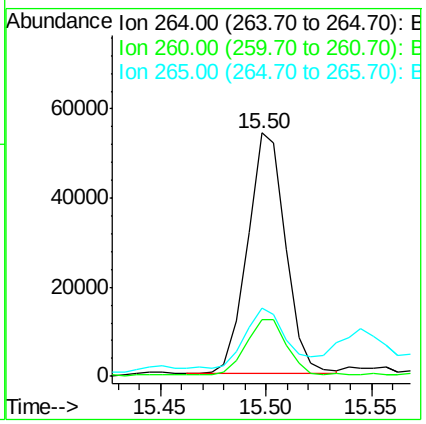


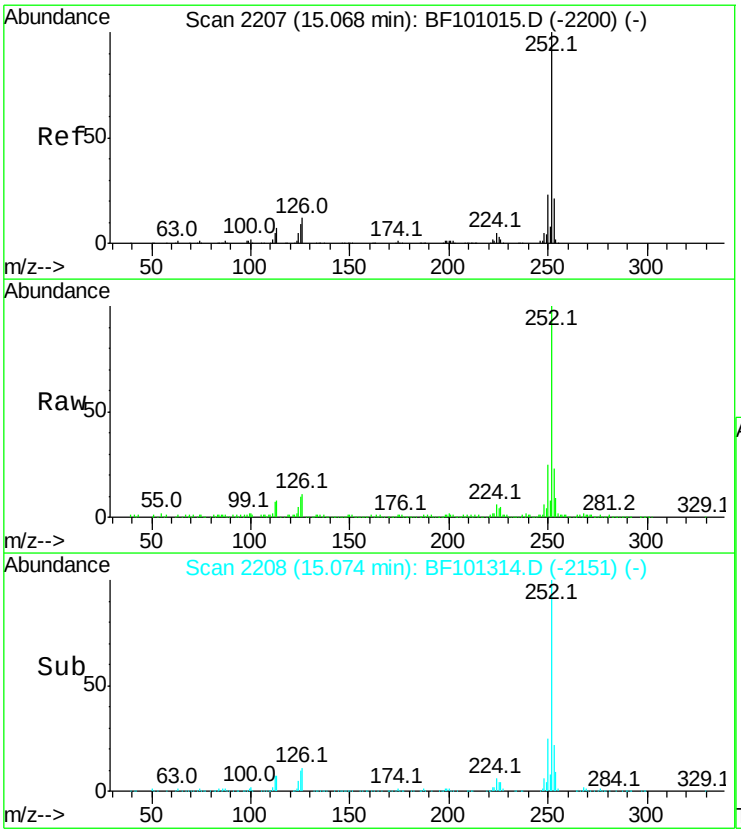
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 67924

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	27.8	17.5	26.3#

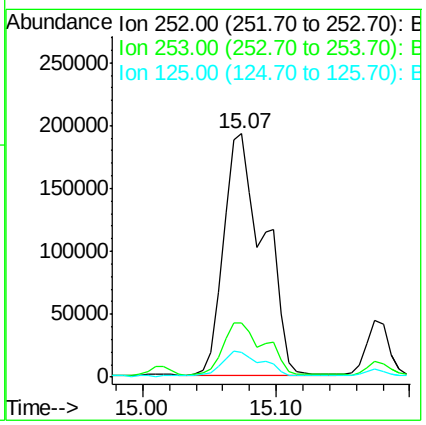


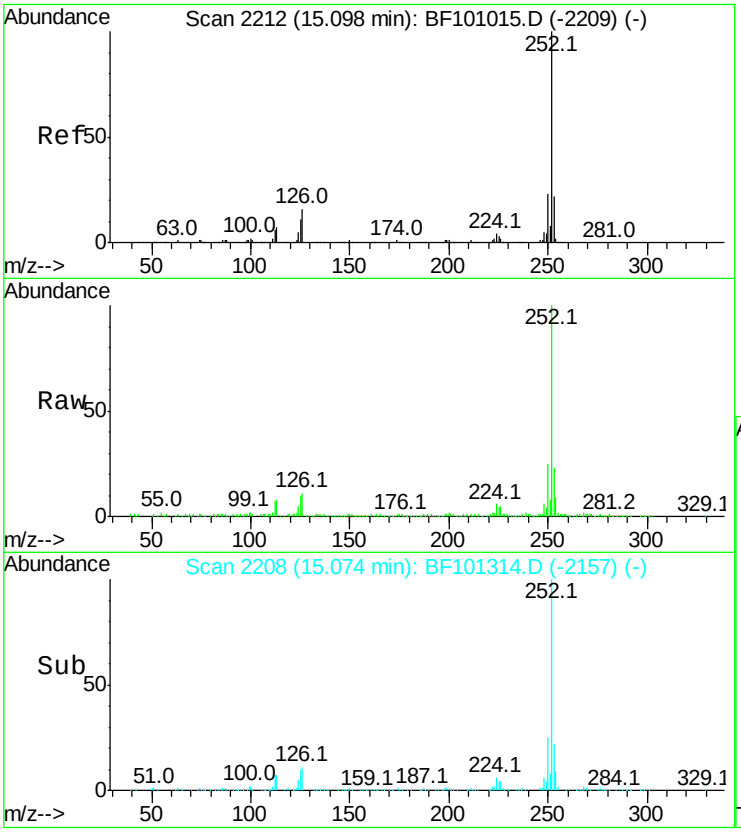


#87
Benzo(b)fluoranthene
Concen: 98.877 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.04 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:252 Resp: 402279

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.2	9.0	13.6



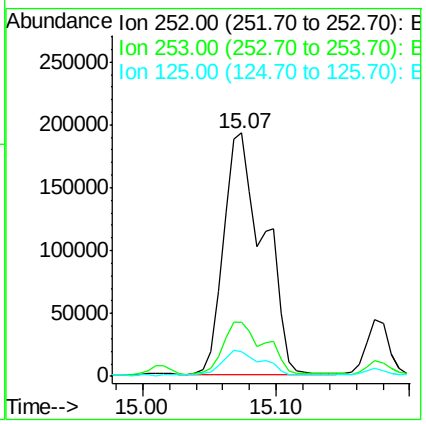


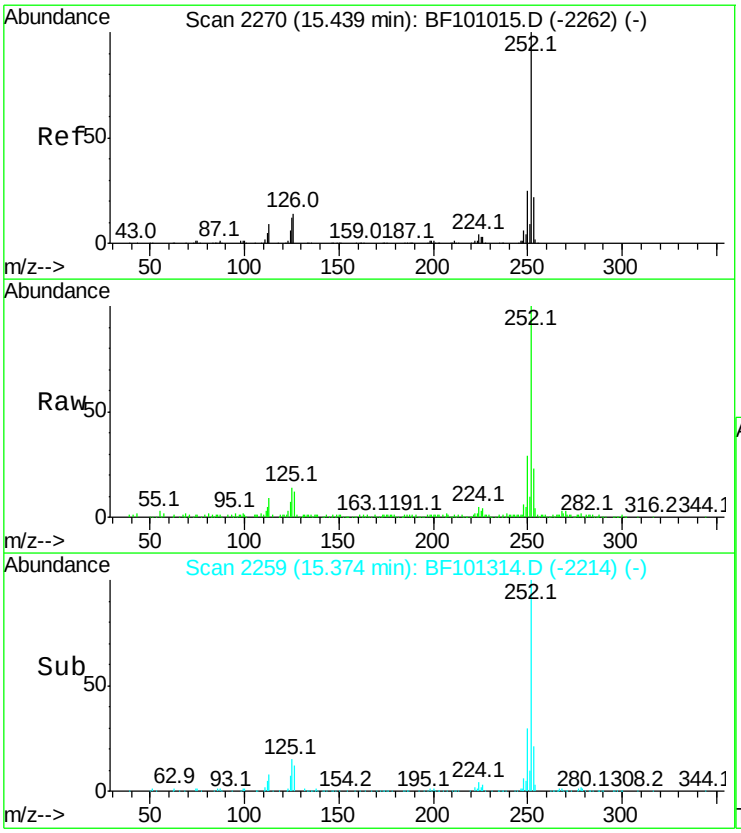
#88
Benzo(k)fluoranthene
Concen: 100.360 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 402279

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.2	10.2	15.2

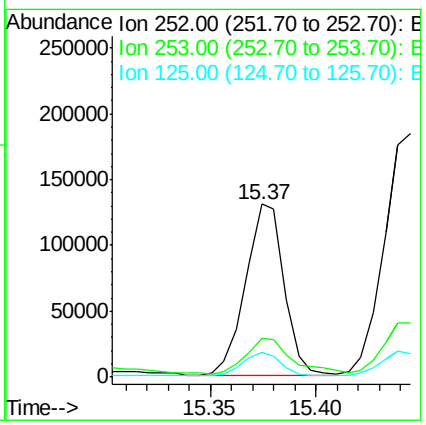


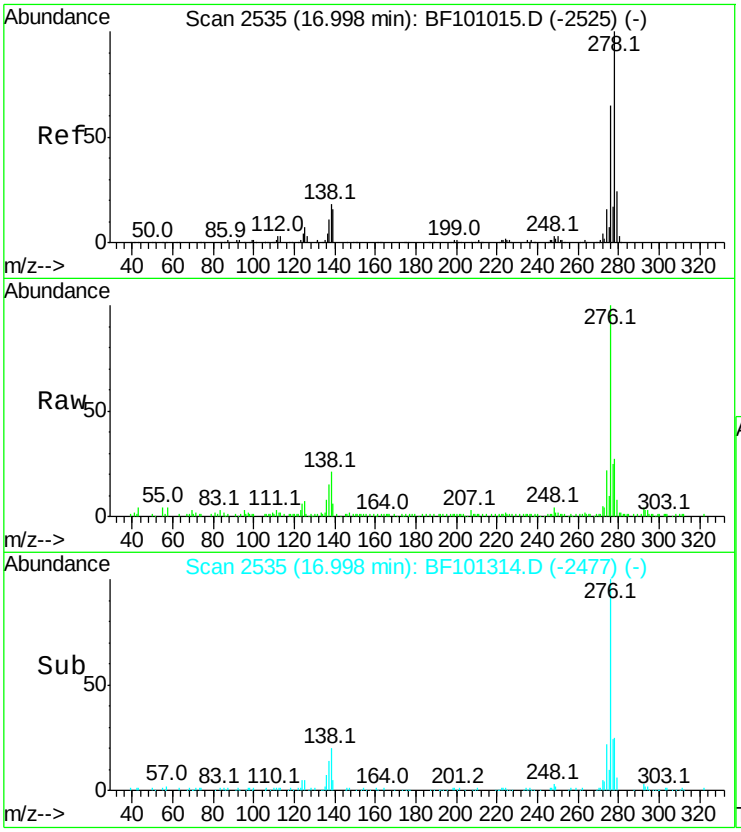


#89
Benzo(a)pyrene
Concen: 44.749 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.04 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:252 Resp: 165515

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.5	9.8	14.6



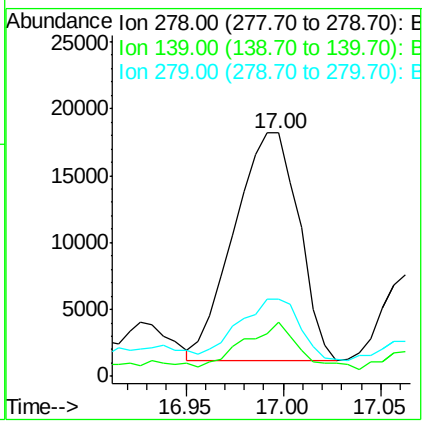


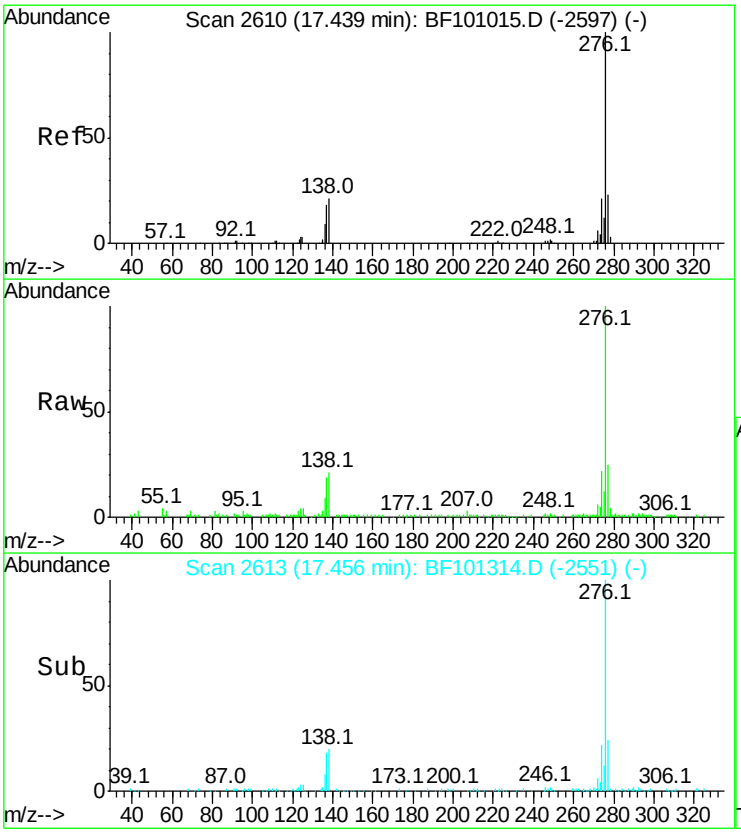
#90
Dibenzo(a,h)anthracene
Concen: 11.939 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 38930

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	31.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 44.370 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.06 min
Lab File: BF101314.D
Acq: 12 Dec 2017 5:09

Tgt Ion:276 Resp: 136350

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	20.8	21.8	32.8#