Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121517\
Data File : BF101459.D
Acq On : 15 Dec 2017 22:35
Operator : SJ/JU
Sample : I6875-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 16 00:16:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172171	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	677881	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	272021	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	431744	20.00	ng		0.00
75) Chrysene-d12	14.00	240	327705	20.00	ng		0.00
86) Perylene-d12	15.47	264	274274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	578676	50.07	ng		0.00
7) Phenol-d6	6.45	99	703661	48.92	ng		0.00
23) Nitrobenzene-d5	7.38	82	423519	34.78	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	118207	45.10	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	738325	42.10	ng		0.00
78) Terphenyl-d14	12.93	244	522269	38.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	54334	5.752	ng	#	82
25) Isophorone	7.38	82	423517	17.336	ng	#	64
32) Benzoic acid	7.89	122	5239	8.620	ng		91
49) Dimethylphthalate	9.57	163	71052	3.247	ng		99
50) 2,6-Dinitrotoluene	9.85	165	36339	8.172	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	36339	7.253	ng	#	23
70) Phenanthrene	11.37	178	300916	12.533	ng		98
71) Anthracene	11.42	178	69416	2.830	ng		99
74) Fluoranthene	12.56	202	492898	19.558	ng		99
77) Pyrene	12.80	202	458187	18.630	ng		100
80) Benzo(a)anthracene	13.99	228	240599	11.119	ng		98
82) Chrysene	14.02	228	216133	10.579	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	94393	5.188	ng	#	91
87) Benzo(b)fluoranthene	15.04	252	323619	19.358	ng		95
88) Benzo(k)fluoranthene	15.04	252	323619	19.910	ng		98
89) Benzo(a)pyrene	15.42	252	164429	10.669	ng		98
91) Benzo(g,h,i)perylene	17.42	276	95245	7.269	ng		95

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

Quantitation Report (Not Reviewed)

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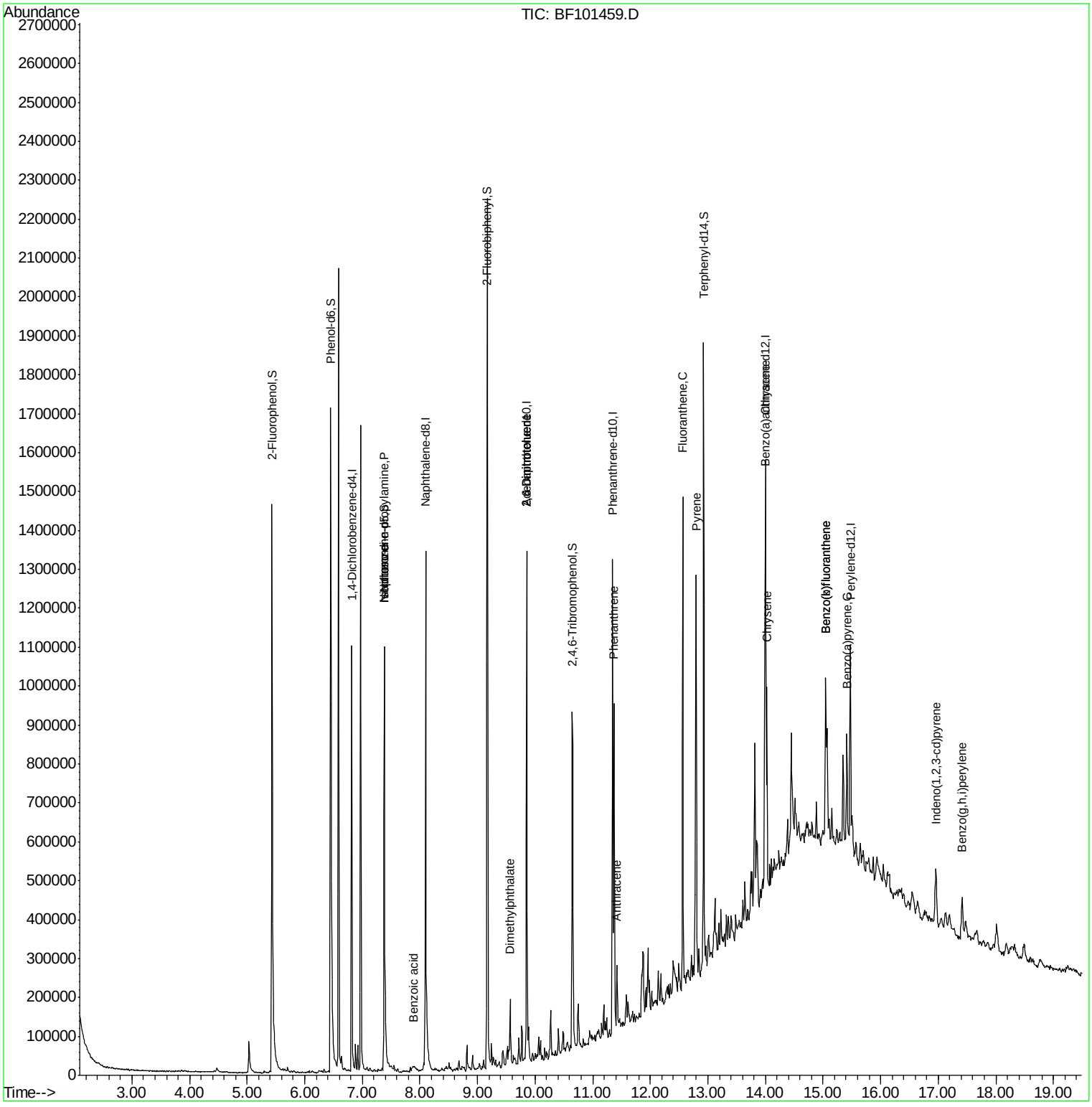
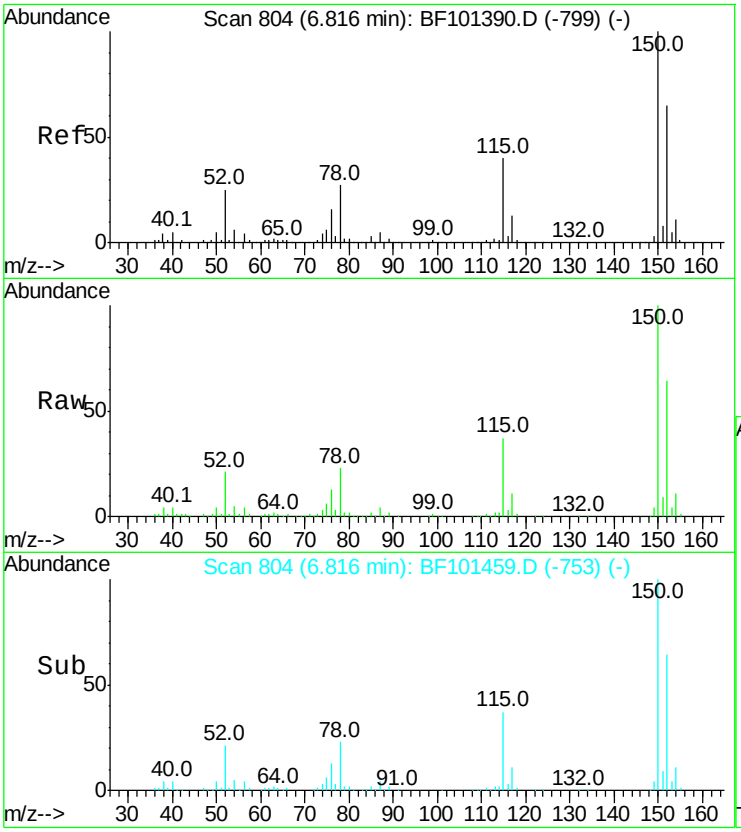


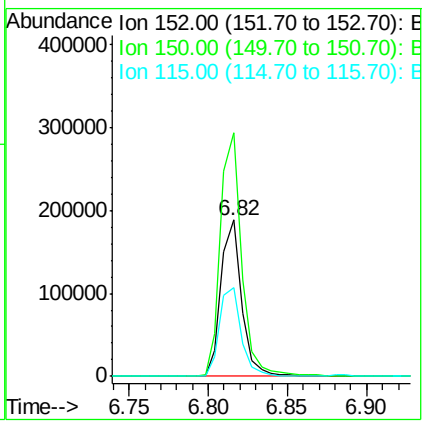


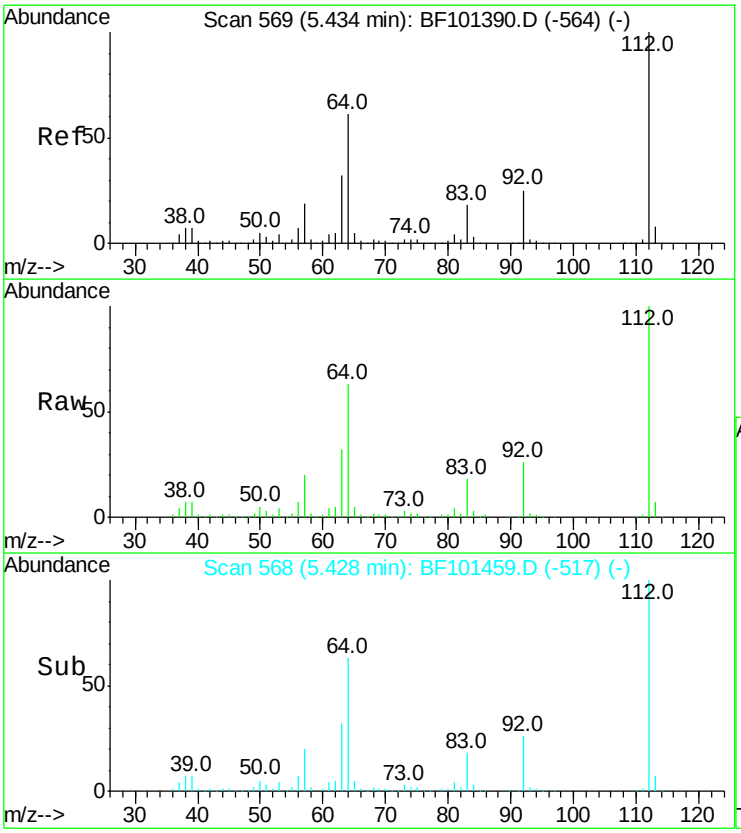
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172171

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.1	50.1	75.1

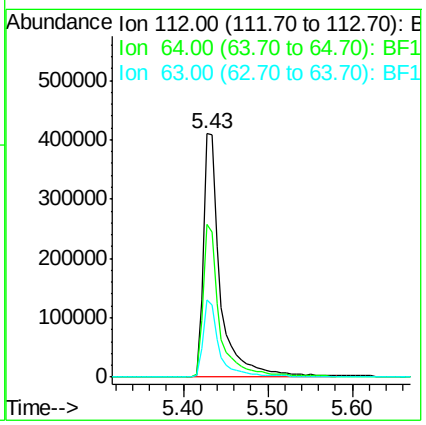


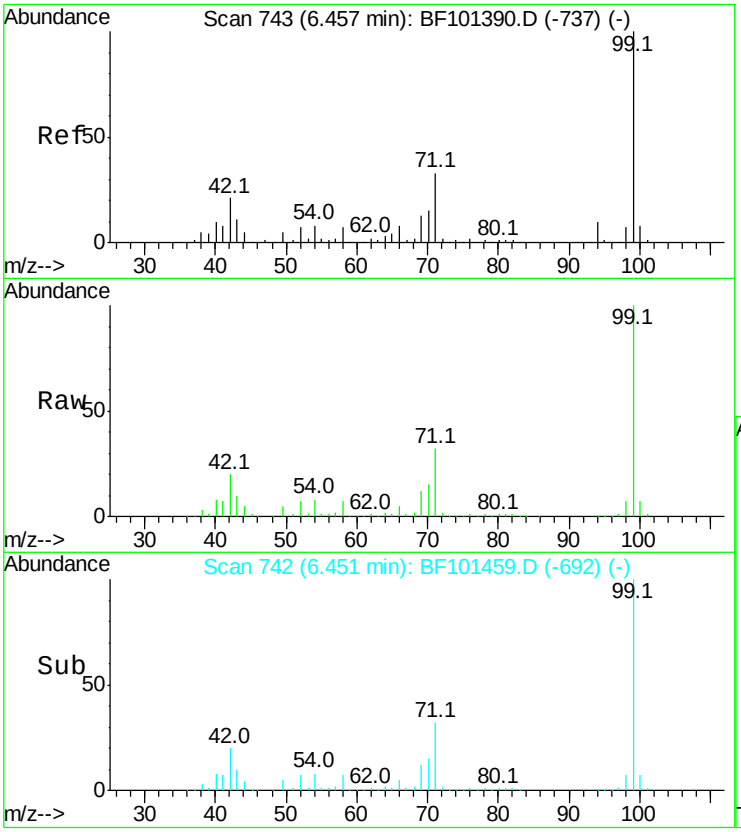


#5
2-Fluorophenol
Concen: 50.066 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:112 Resp: 578676

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	31.7	23.7	35.5



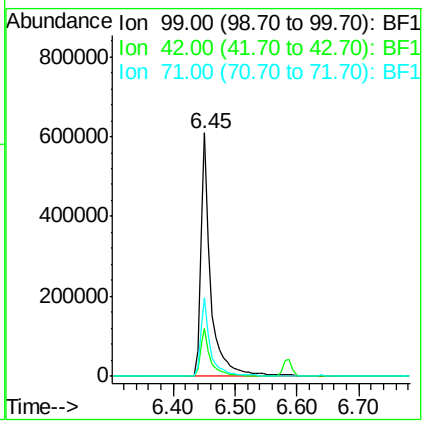


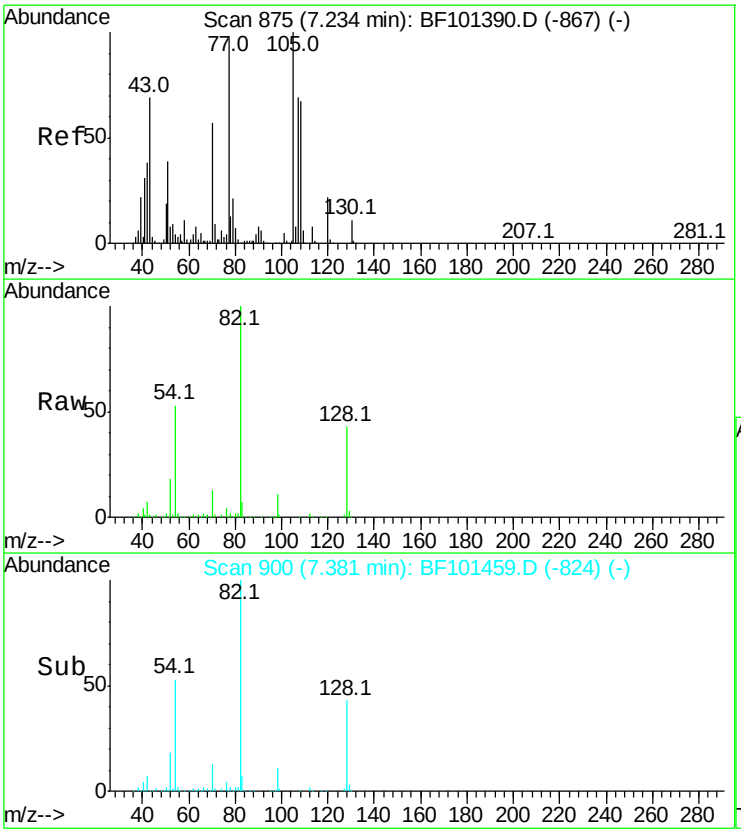
#7
Phenol-d6
Concen: 48.917 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 703661

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.0	25.4	38.0

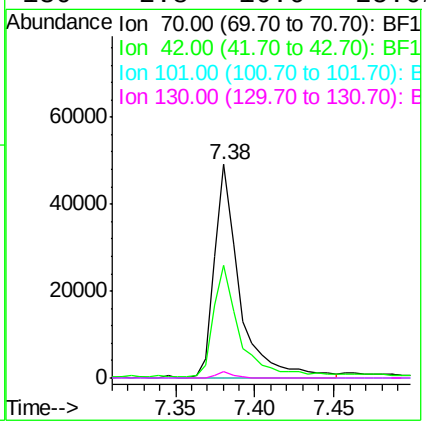


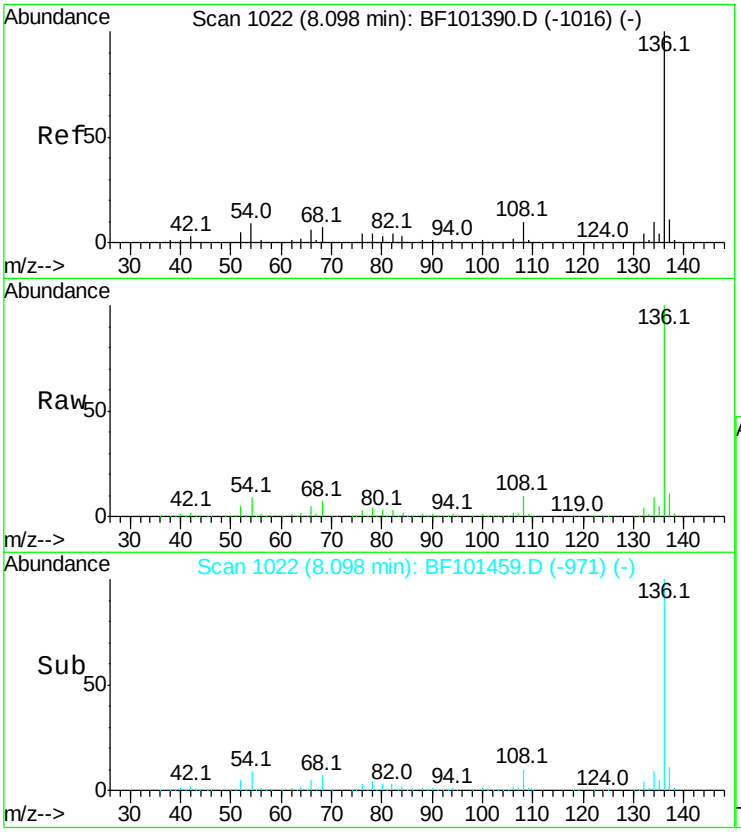


#19
n-Nitroso-di-n-propylamine
Concen: 5.752 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion: 70 Resp: 54334

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



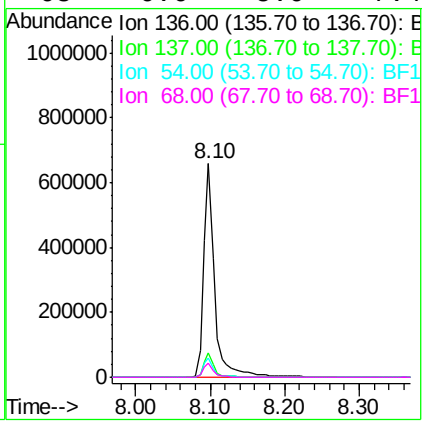


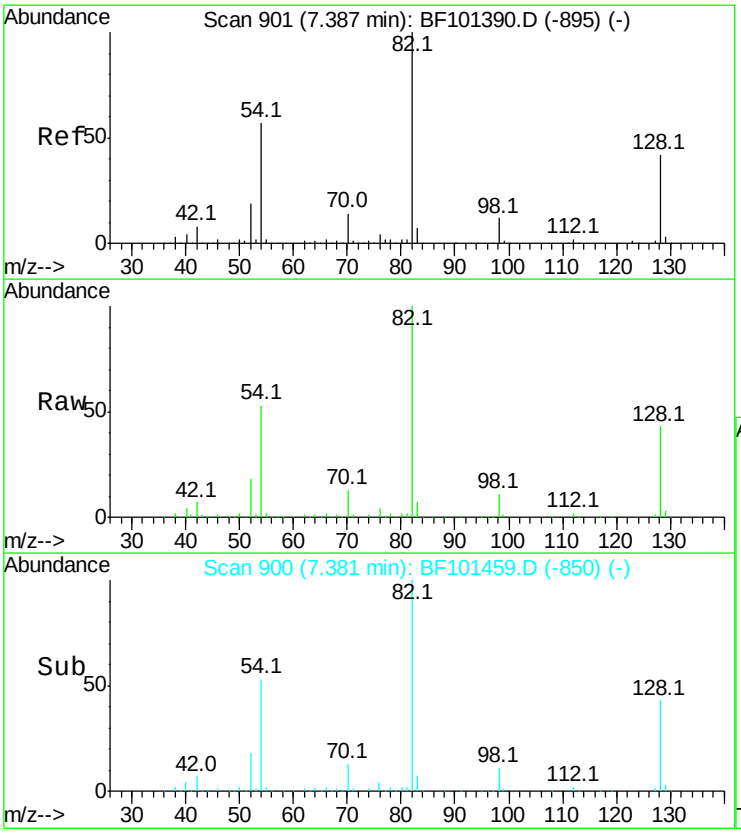
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 677881

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4

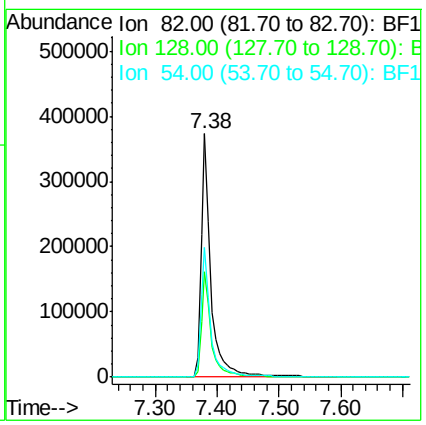


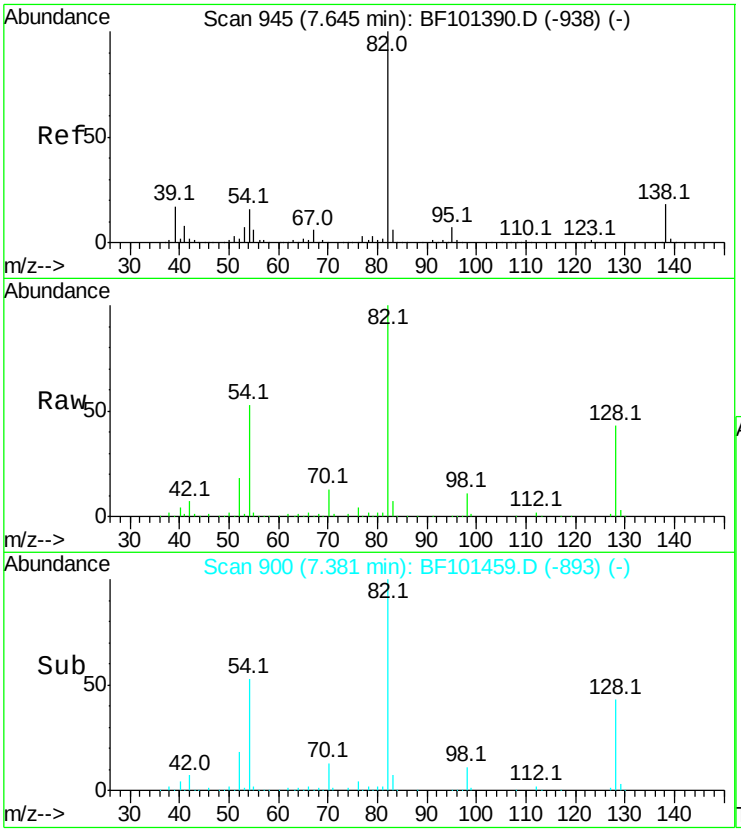


#23
Nitrobenzene-d5
Concen: 34.778 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion: 82 Resp: 423519

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	53.2	41.4	62.2



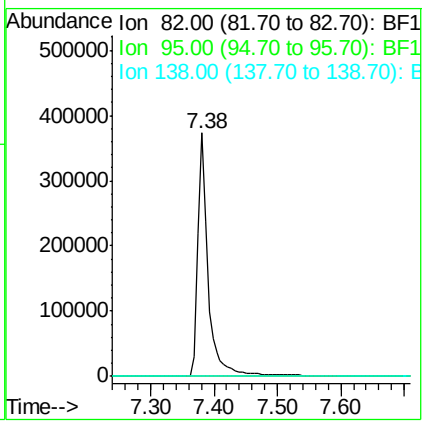


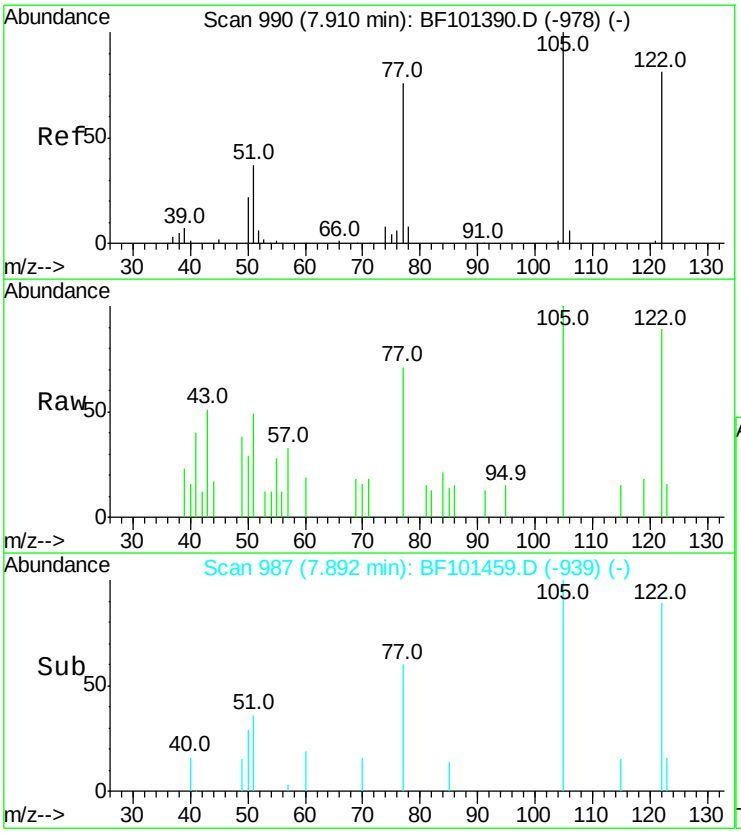
#25
Isophorone
Concen: 17.336 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 423517

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

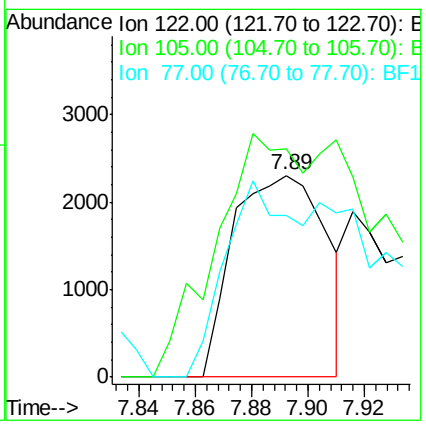


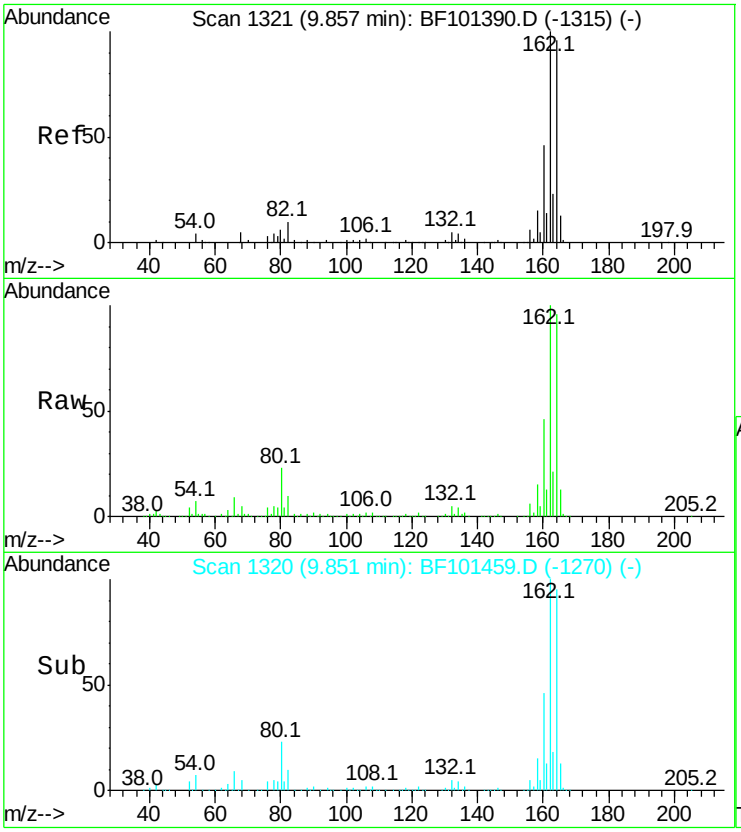


#32
Benzoic acid
Concen: 8.620 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:122 Resp: 5239

Ion	Ratio	Lower	Upper
122	100		
105	112.8	101.1	141.1
77	80.3	70.7	110.7

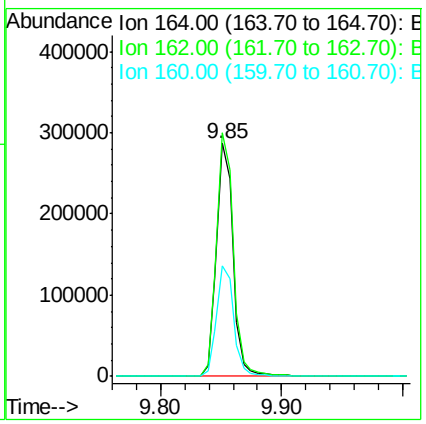




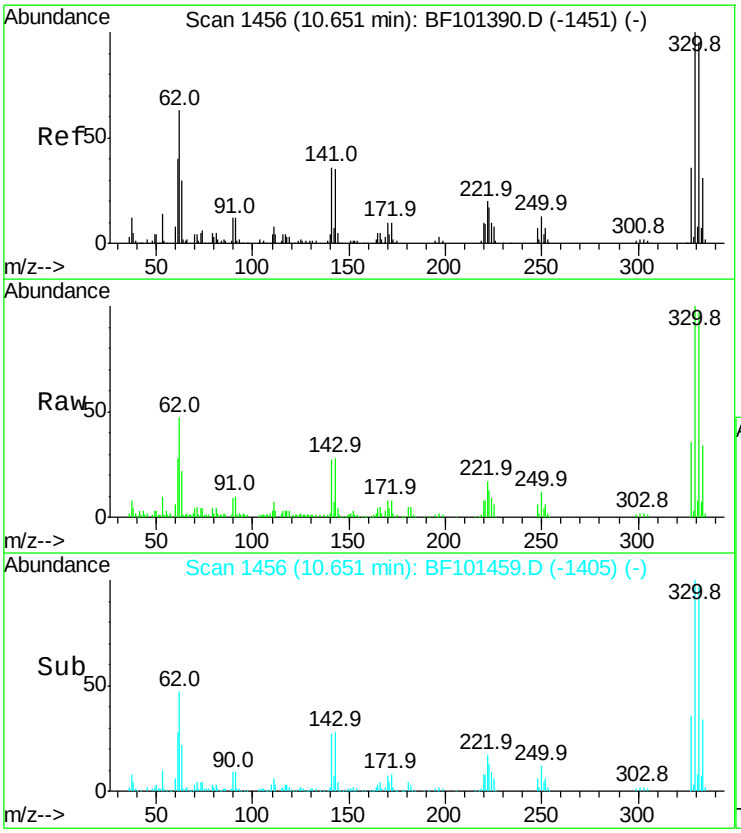
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:164 Resp: 272021

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.7	38.3	57.5



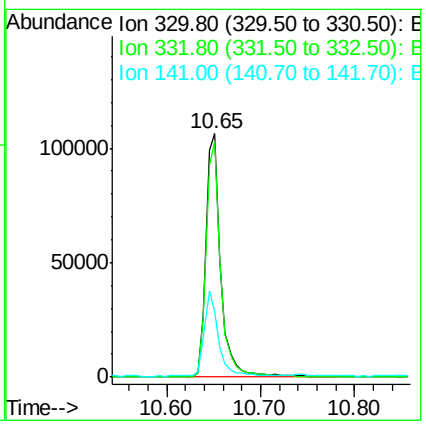
Instrument :
BNA_F
ClientSampleId :

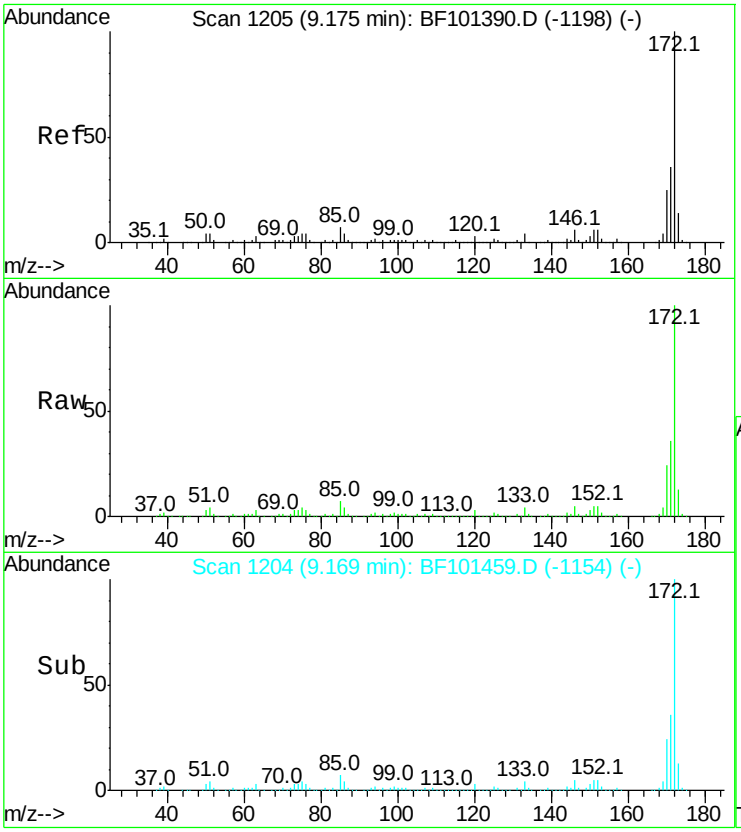


#41
2,4,6-Tribromophenol
Concen: 45.098 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:330 Resp: 118207

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.3	29.9	44.9



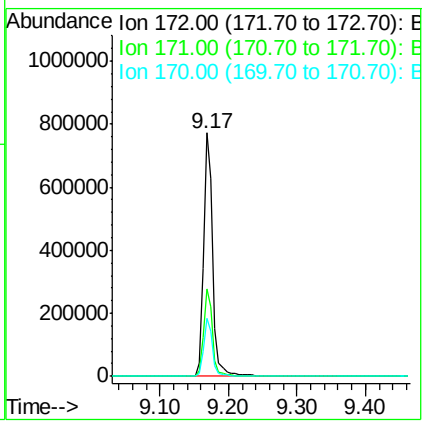


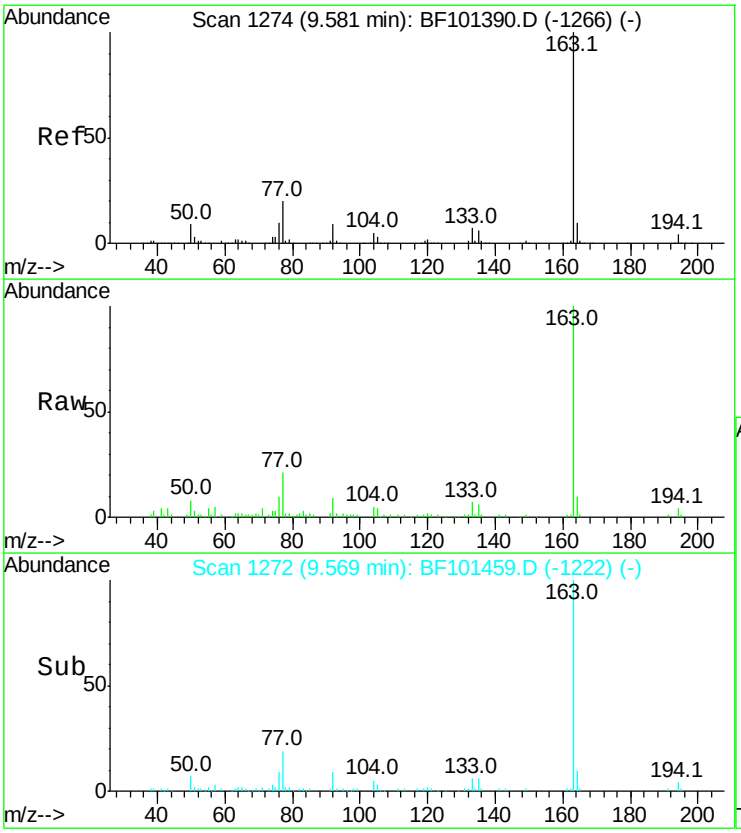
#44
2-Fluorobiphenyl
Concen: 42.104 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 738325

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

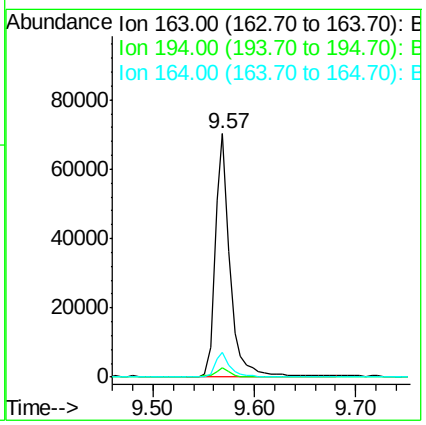


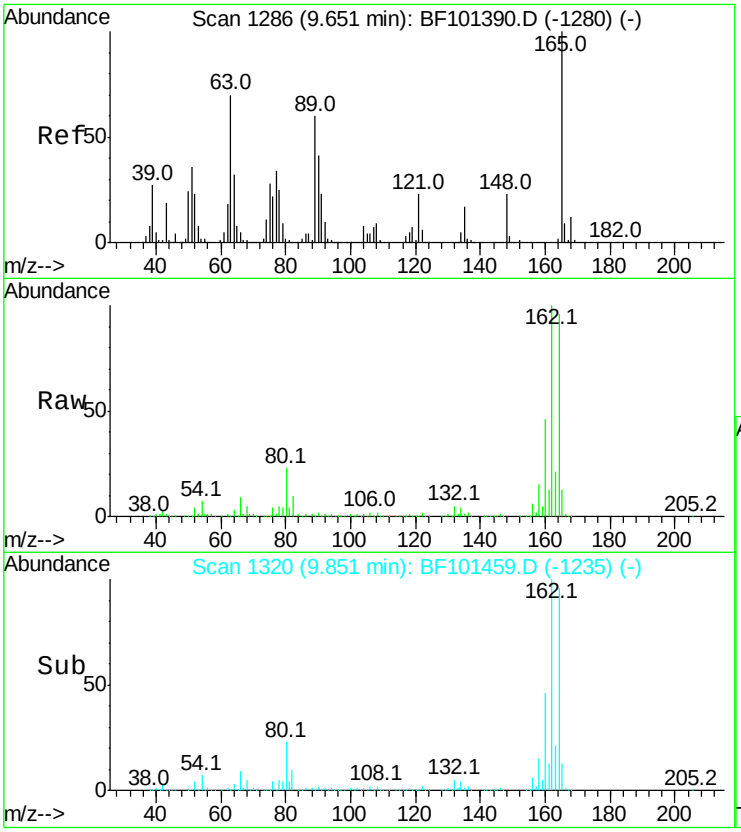


#49
Dimethylphthalate
Concen: 3.247 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:163 Resp: 71052

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2



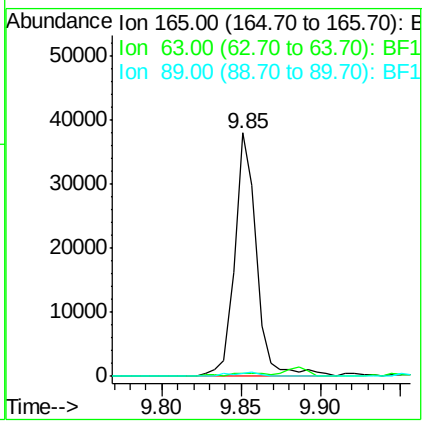


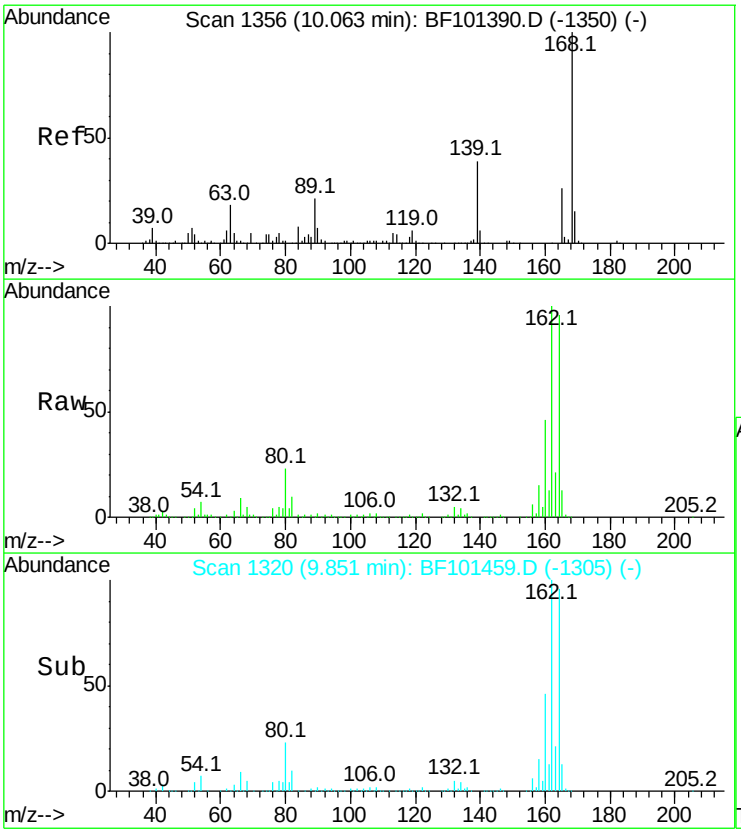
#50
2,6-Dinitrotoluene
Concen: 8.172 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36339

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	44.0	66.0#

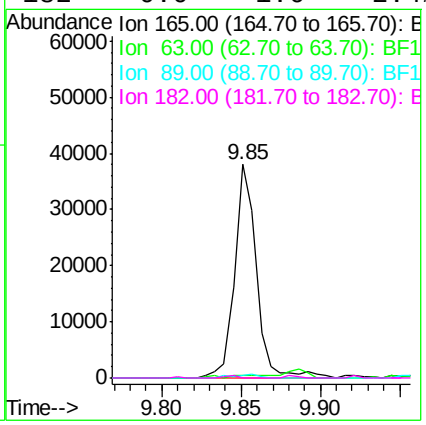


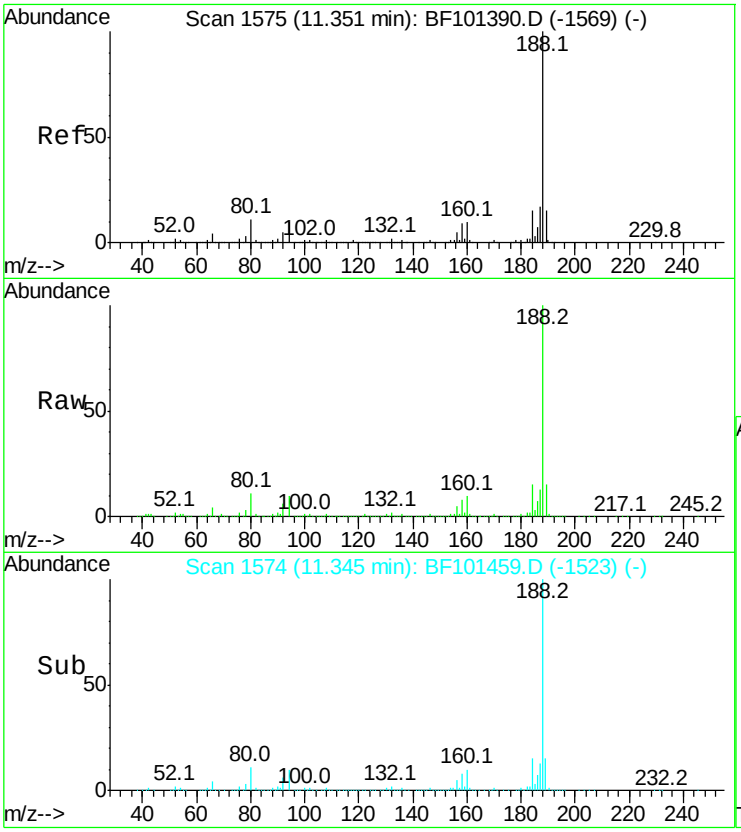


#56
2,4-Dinitrotoluene
Concen: 7.253 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:165 Resp: 36339

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



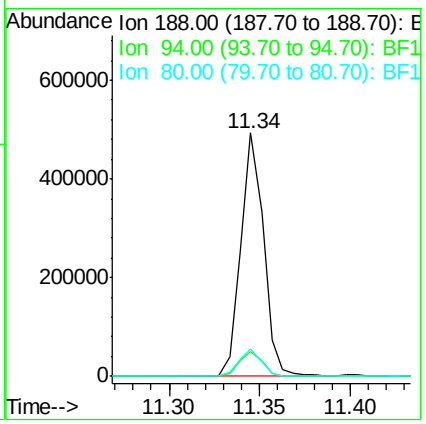


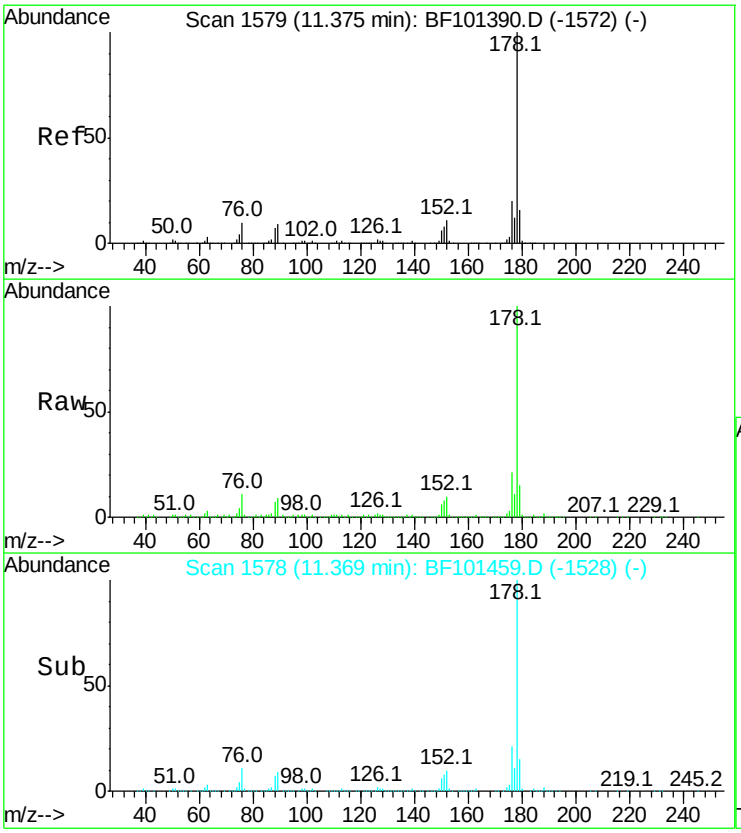
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 431744

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8

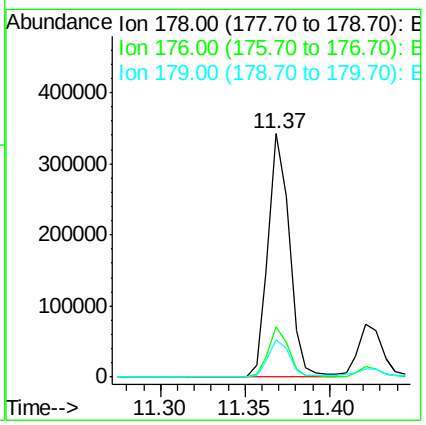


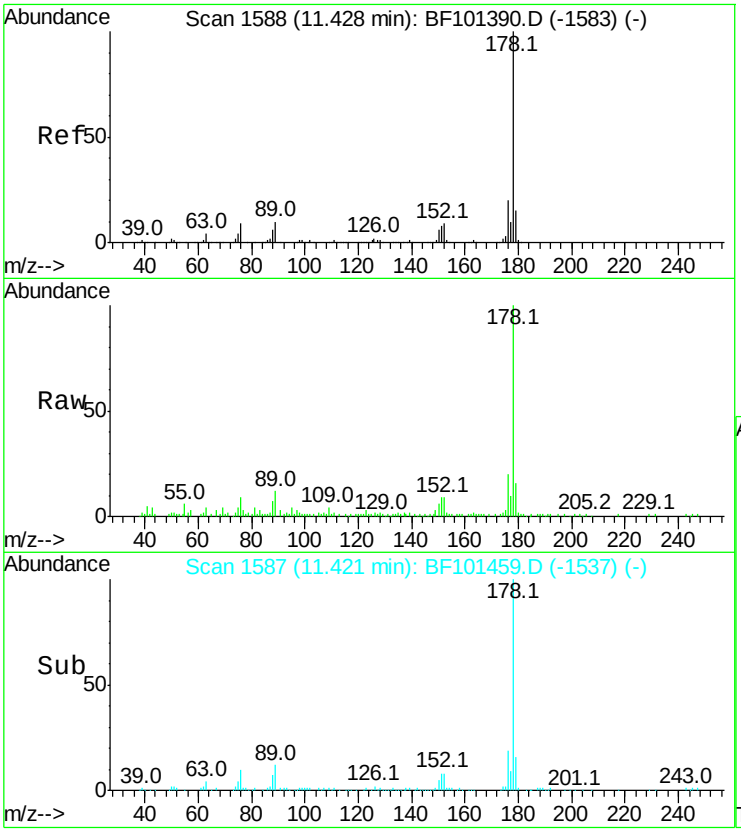


#70
Phenanthrene
Concen: 12.533 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:178 Resp: 300916

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	15.3	13.0	19.6



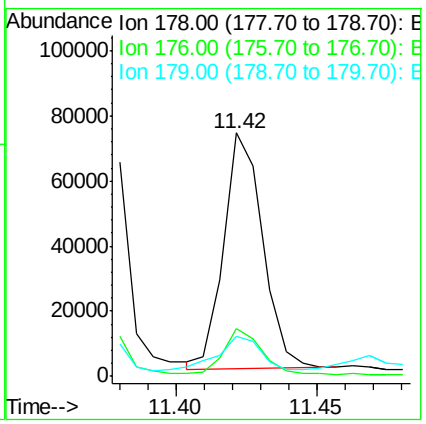


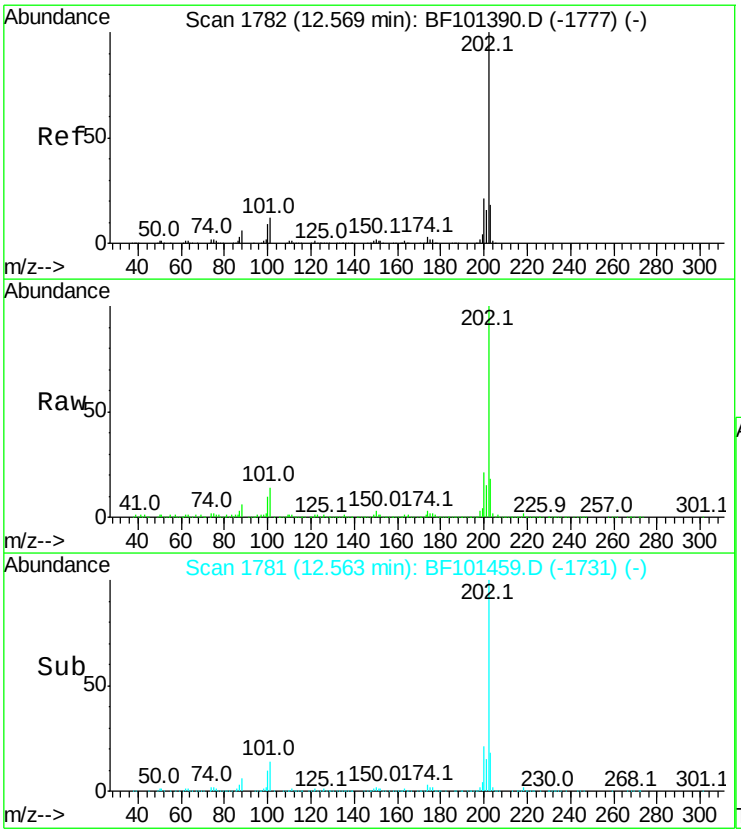
#71
Anthracene
Concen: 2.830 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 69416

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.4	12.6	19.0

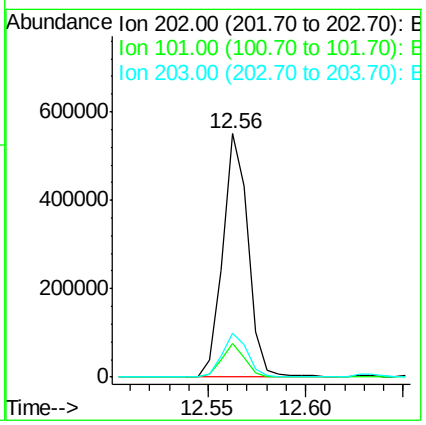


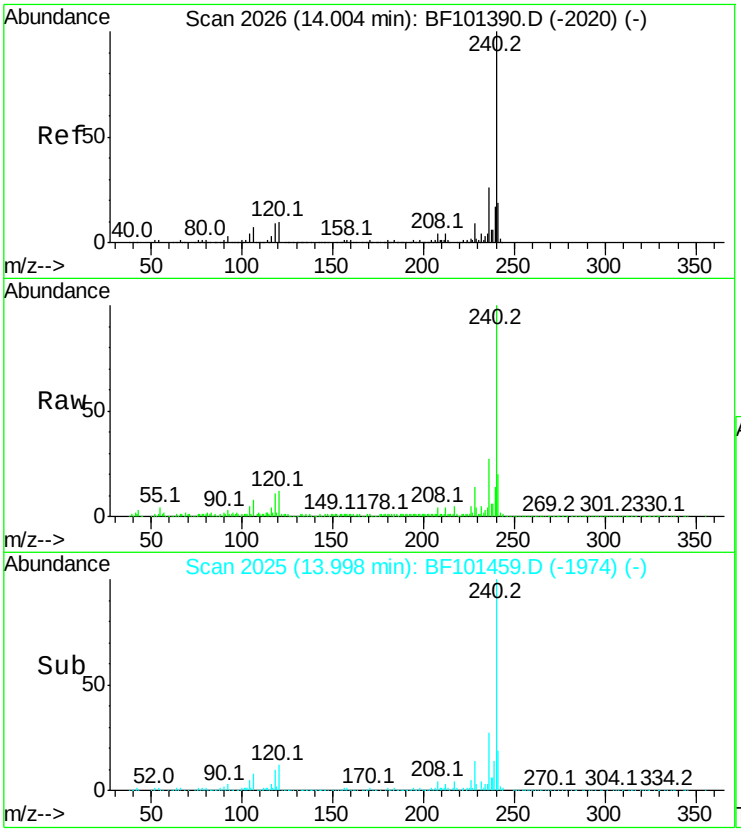


#74
Fluoranthene
Concen: 19.558 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:202 Resp: 492898

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	18.1	0.0	38.1



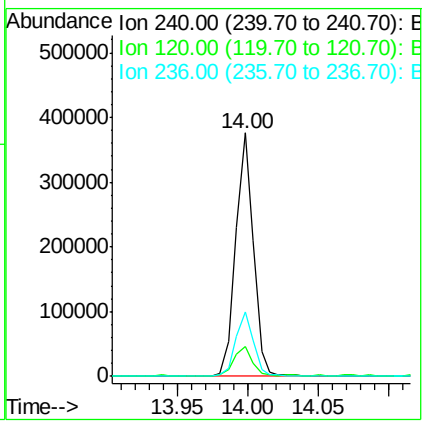


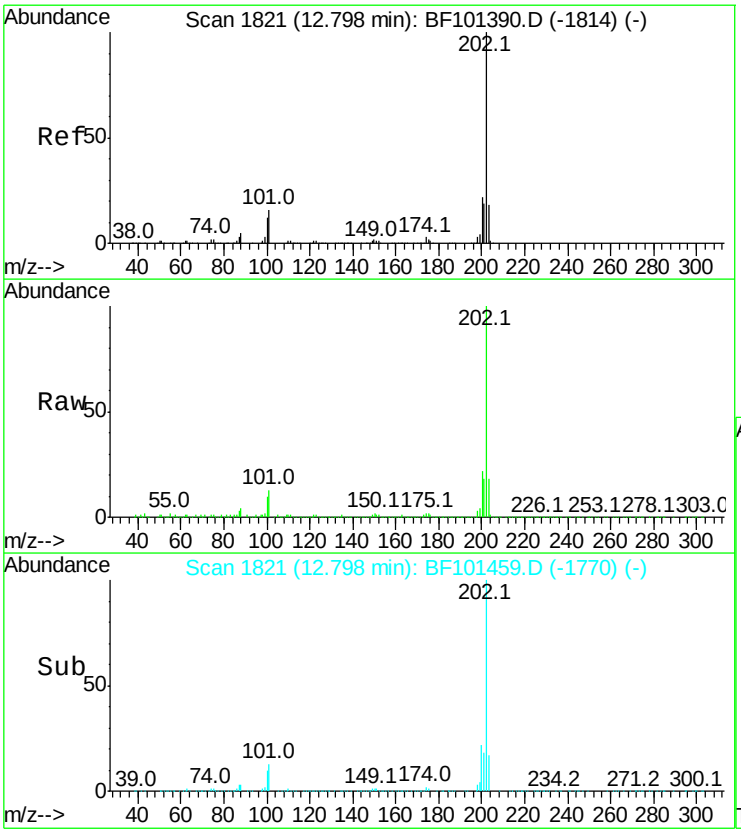
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 327705

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.7	20.7	31.1

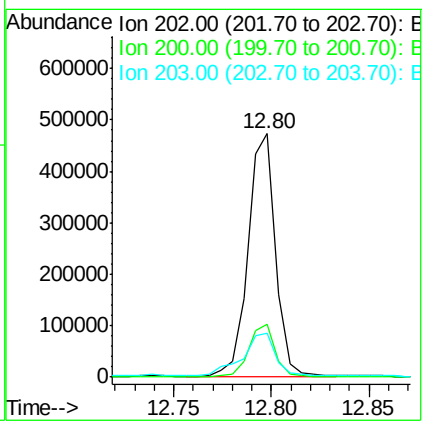


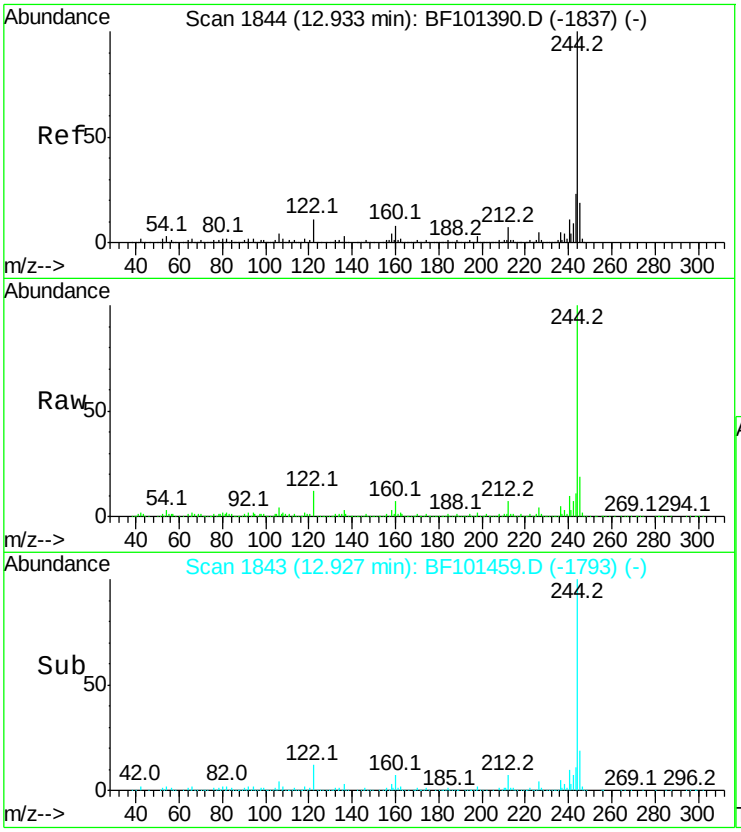


#77
Pyrene
Concen: 18.630 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:202 Resp: 458187

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5



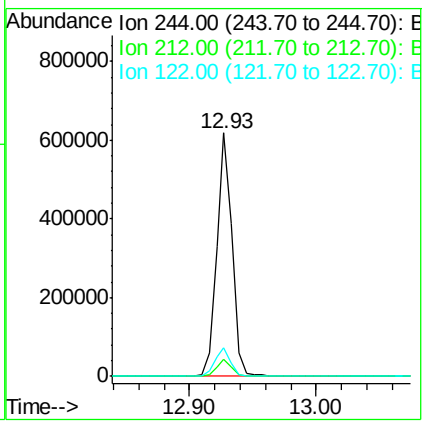


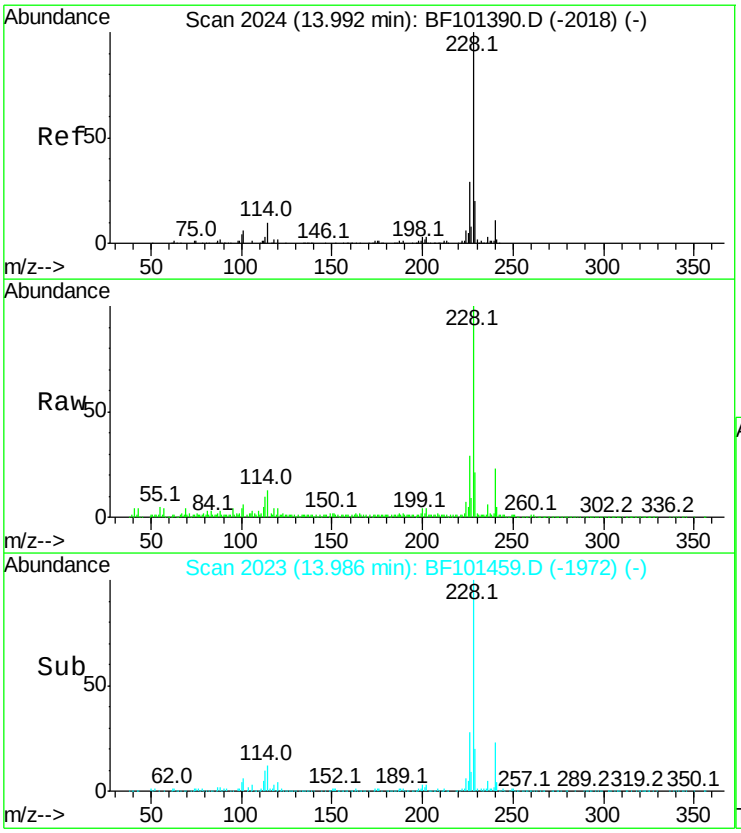
#78
Terphenyl-d14
Concen: 38.421 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 522269

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4

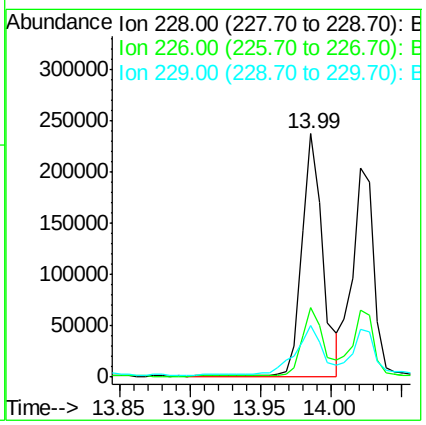


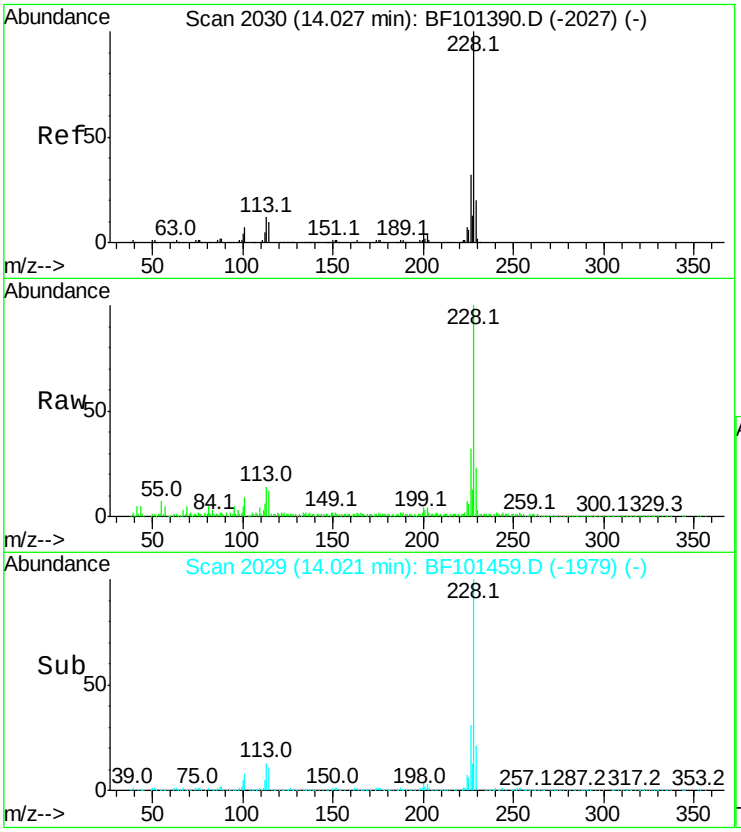


#80
Benzo(a)anthracene
Concen: 11.119 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:228 Resp: 240599

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.0	15.8	23.6



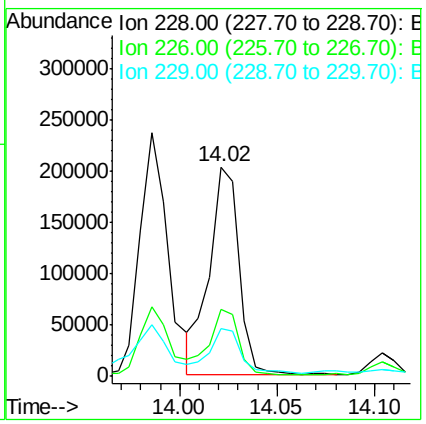


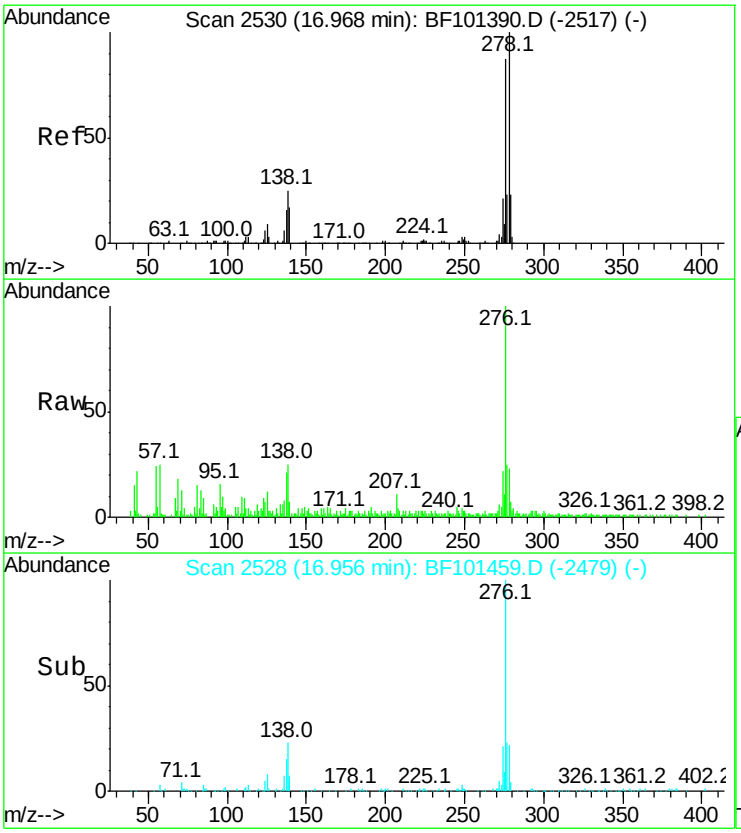
#82
Chrysene
Concen: 10.579 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 216133

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.8	16.2	24.4

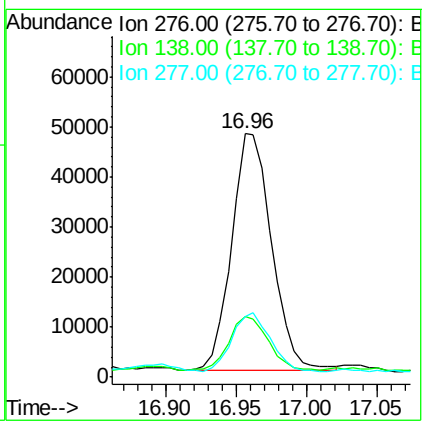


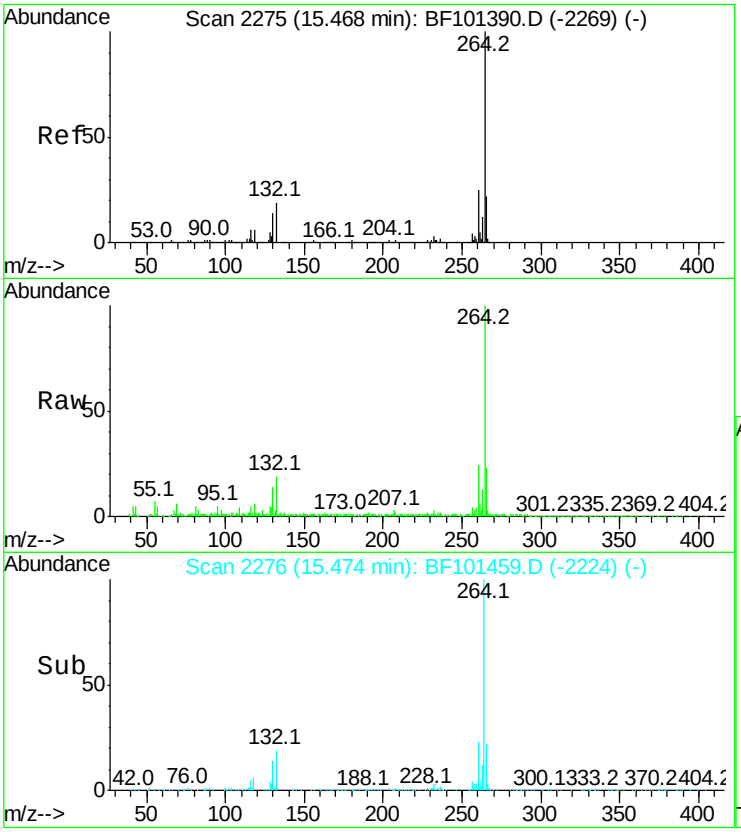


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.188 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:276 Resp: 94393

Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	23.9	20.1	30.1



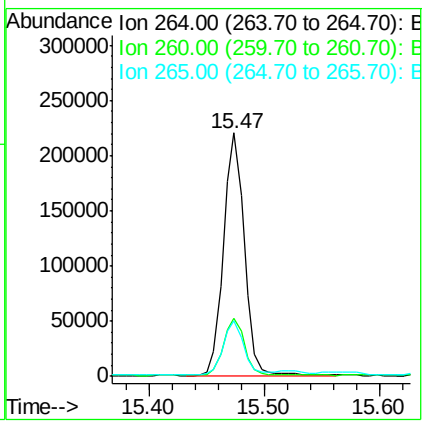


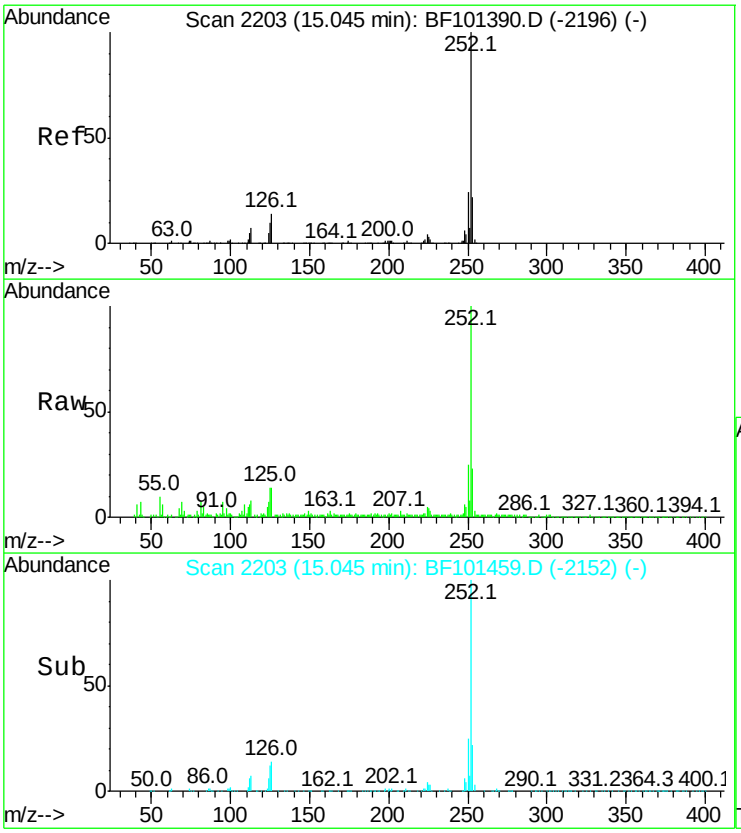
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 274274

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.7	17.5	26.3

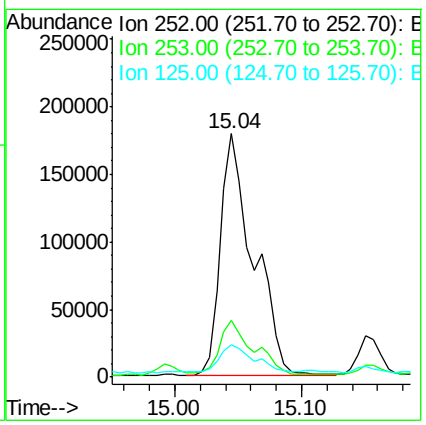


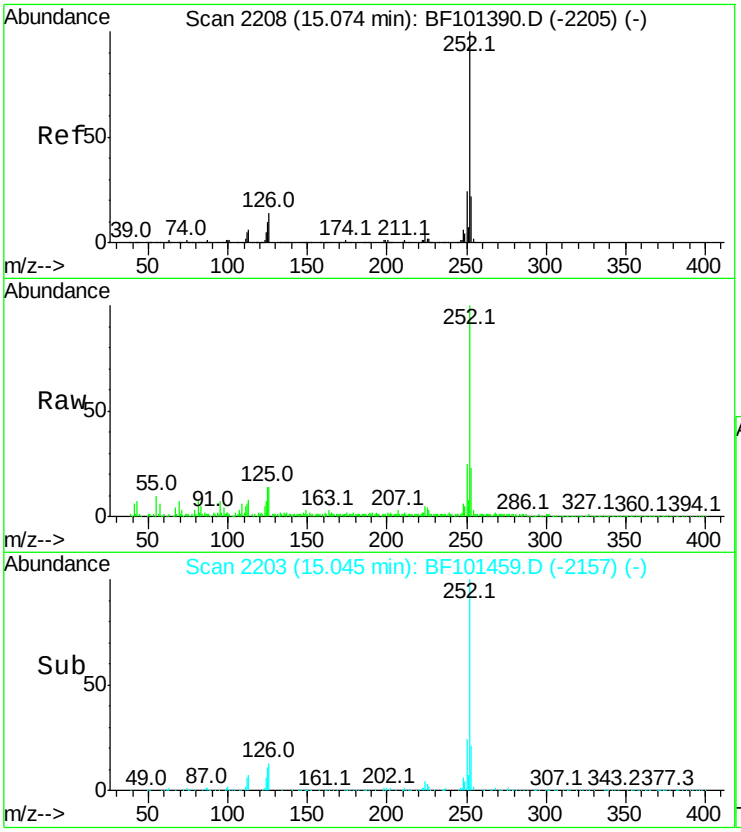


#87
Benzo(b)fluoranthene
Concen: 19.358 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:252 Resp: 323619

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	13.5	9.0	13.6



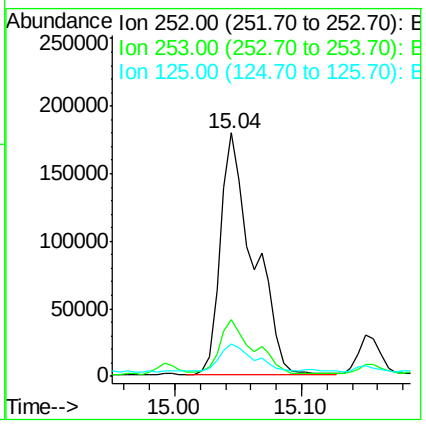


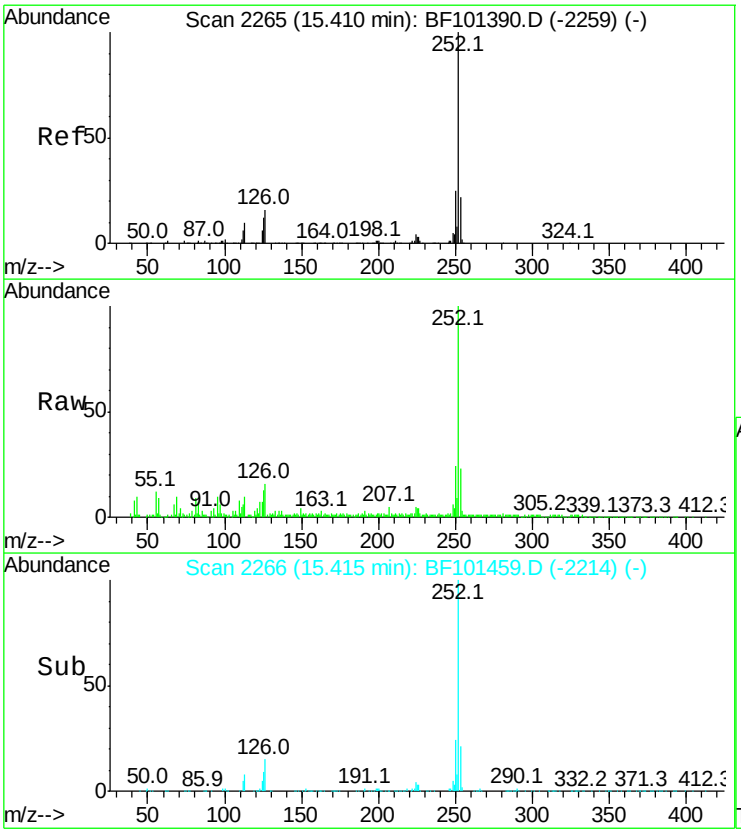
#88
Benzo(k)fluoranthene
Concen: 19.910 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 323619

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	13.5	10.2	15.2

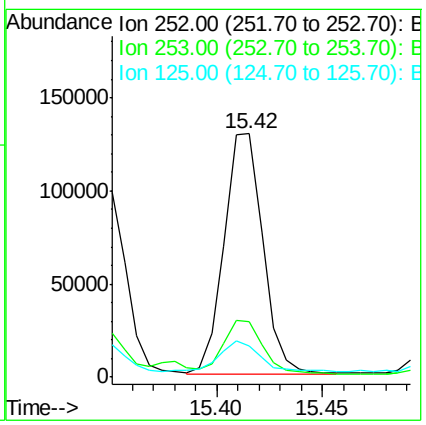


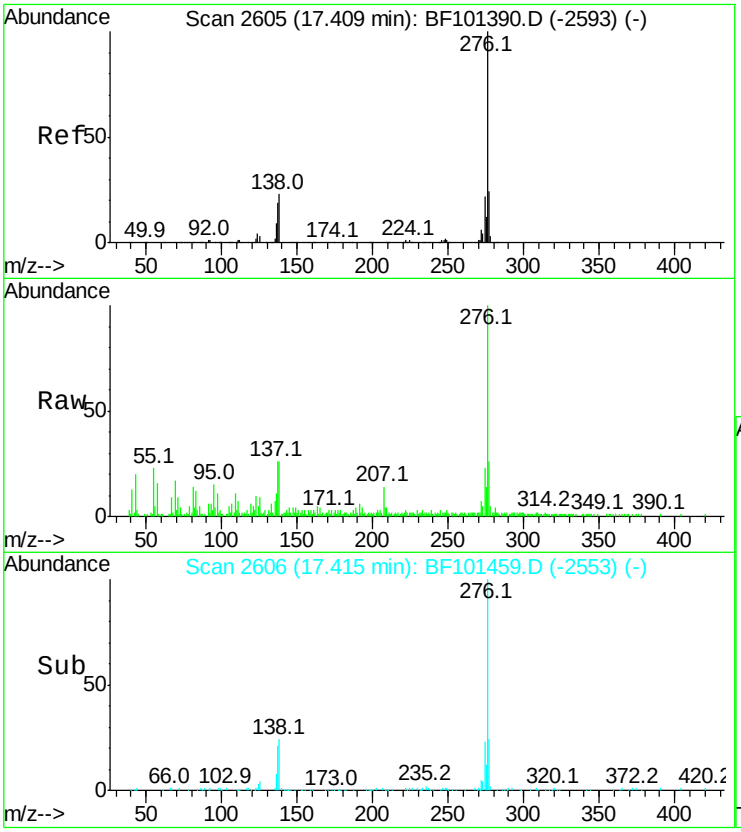


#89
Benzo(a)pyrene
Concen: 10.669 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion:252 Resp: 164429

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.269 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 95245

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	25.7	21.8	32.8