Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101777.D
Acq On : 27 Dec 2017 21:56
Operator : SJ/JU
Sample : I7064-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 04:10:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	156710	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	588680	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	245250	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	394876	20.00	ng		0.00
75) Chrysene-d12	13.97	240	293325	20.00	ng		0.00
86) Perylene-d12	15.44	264	273800	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	601383	57.16	ng		0.00
7) Phenol-d6	6.43	99	722179	55.16	ng		0.00
23) Nitrobenzene-d5	7.36	82	434348	41.07	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	129609	54.85	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	743408	47.02	ng		0.00
78) Terphenyl-d14	12.90	244	505547	41.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	35505	2.379	ng	#	50
19) n-Nitroso-di-n-propylamine	7.36	70	56419	6.561	ng	#	83
25) Isophorone	7.36	82	434348	20.474	ng	#	64
49) Dimethylphthalate	9.55	163	62449	3.166	ng		98
55) 4-Nitrophenol	10.04	139	5952	2.731	ng	#	14
56) 2,4-Dinitrotoluene	9.82	165	32883	7.279	ng	#	24
70) Phenanthrene	11.35	178	228147	10.389	ng		98
71) Anthracene	11.40	178	68972	3.075	ng		96
74) Fluoranthene	12.54	202	353931	15.355	ng		97
77) Pyrene	12.77	202	327106	14.859	ng		100
80) Benzo(a)anthracene	13.96	228	194549	10.045	ng		98
82) Chrysene	14.00	228	165609	9.056	ng		97
87) Benzo(b)fluoranthene	15.02	252	274465	16.446	ng		97
88) Benzo(k)fluoranthene	15.02	252	274465	16.915	ng		99
89) Benzo(a)pyrene	15.39	252	143853	9.350	ng		96
91) Benzo(g,h,i)perylene	17.39	276	70739	5.408	ng		97

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

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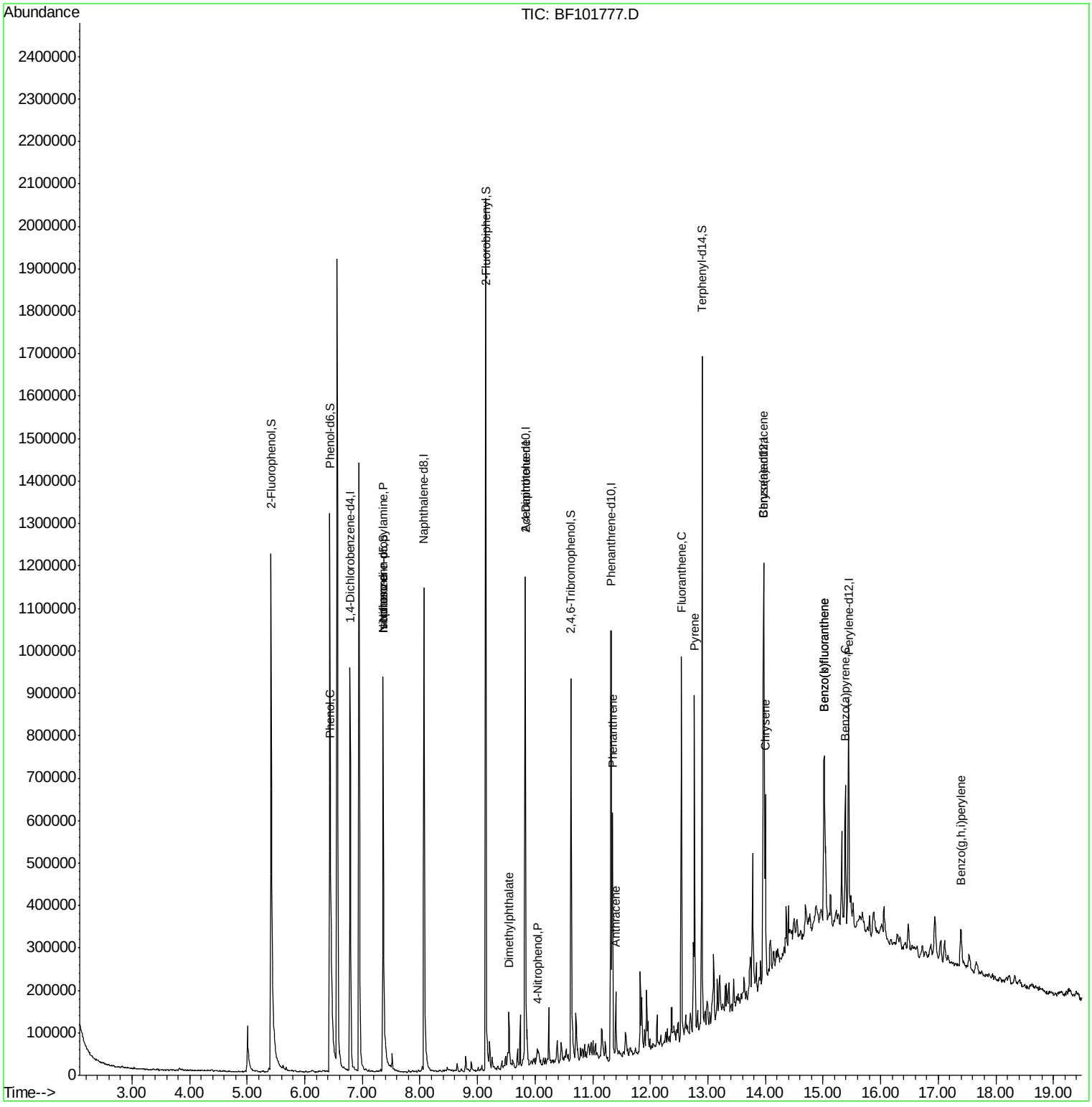
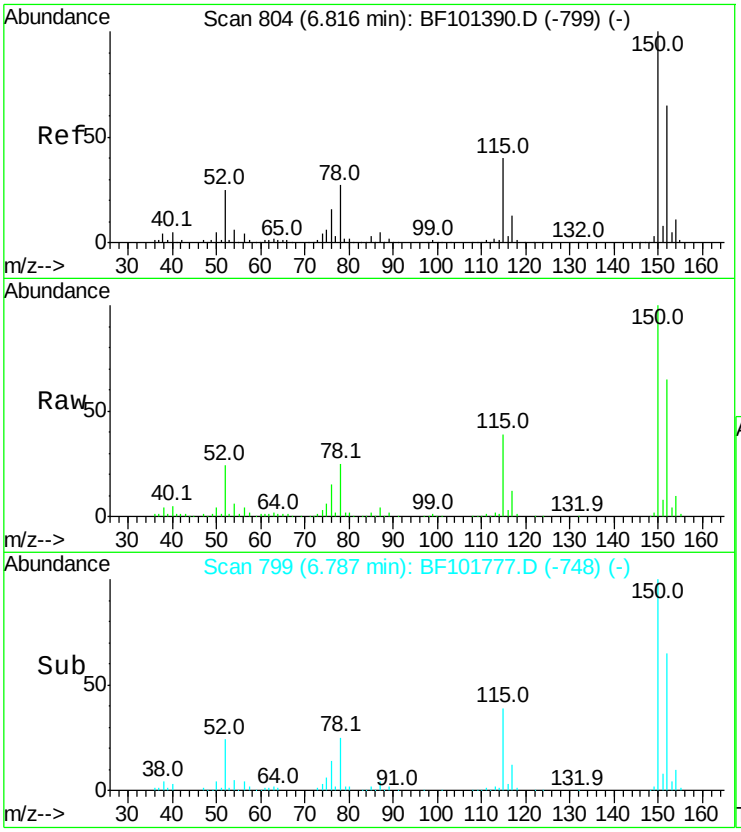


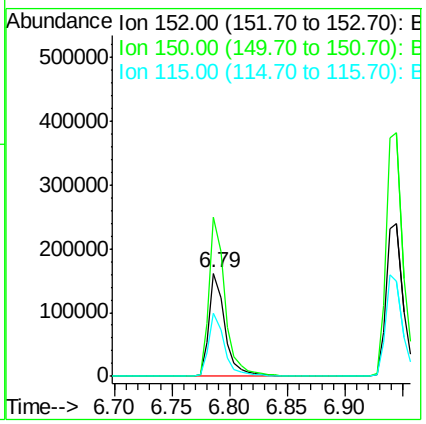


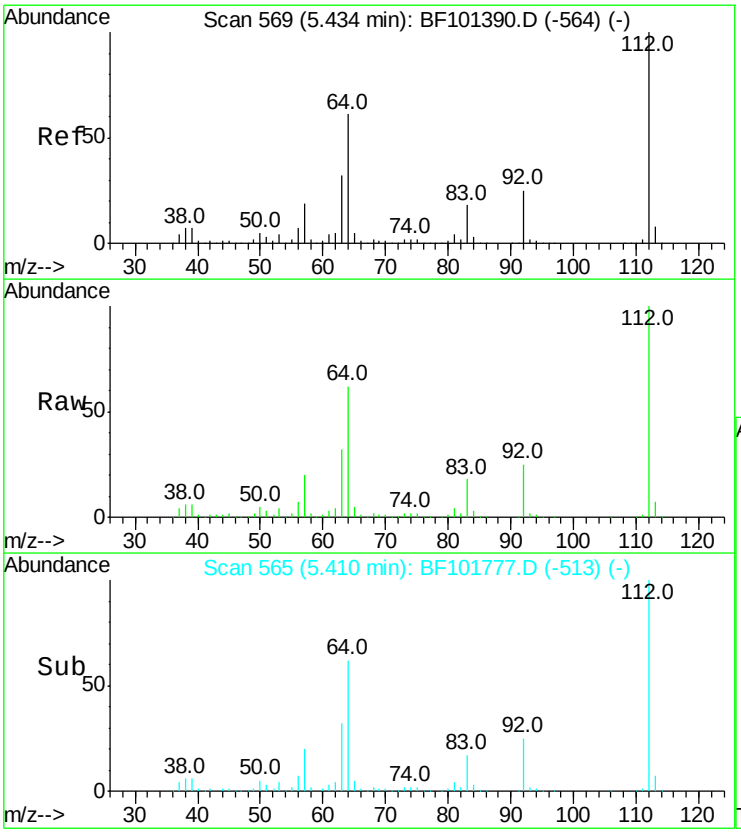
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156710

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	60.6	50.1	75.1

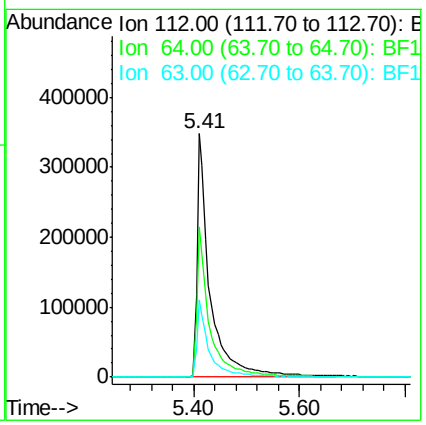


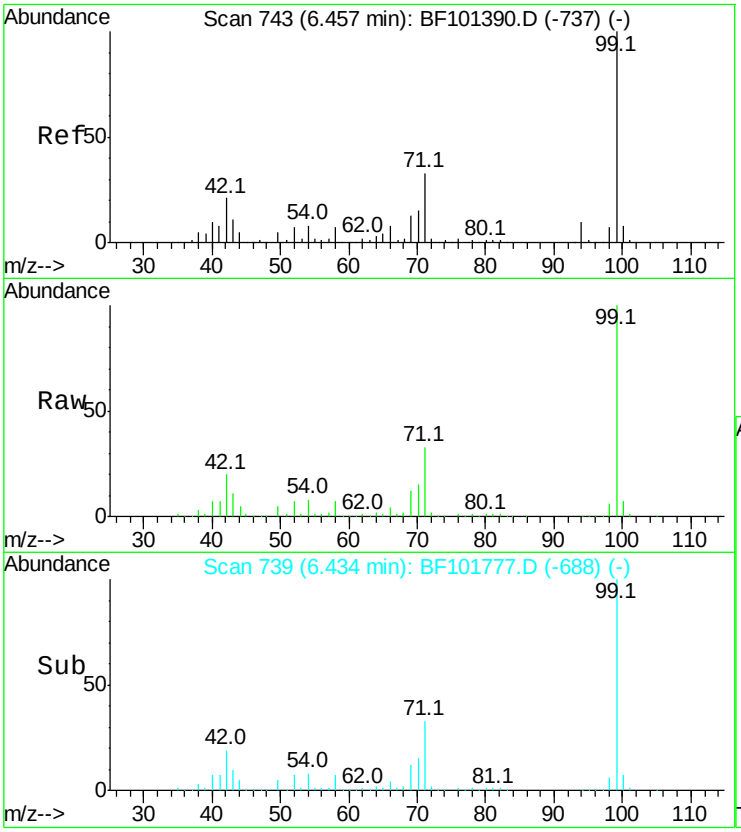


#5
2-Fluorophenol
Concen: 57.163 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:112 Resp: 601383

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.6	23.7	35.5



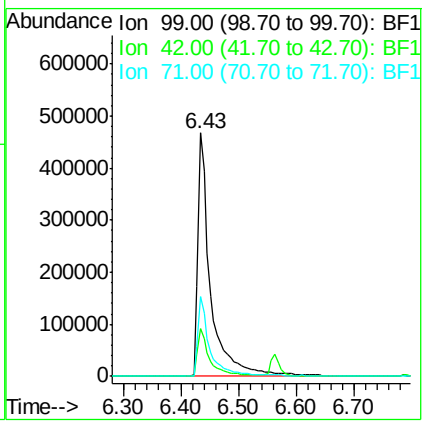


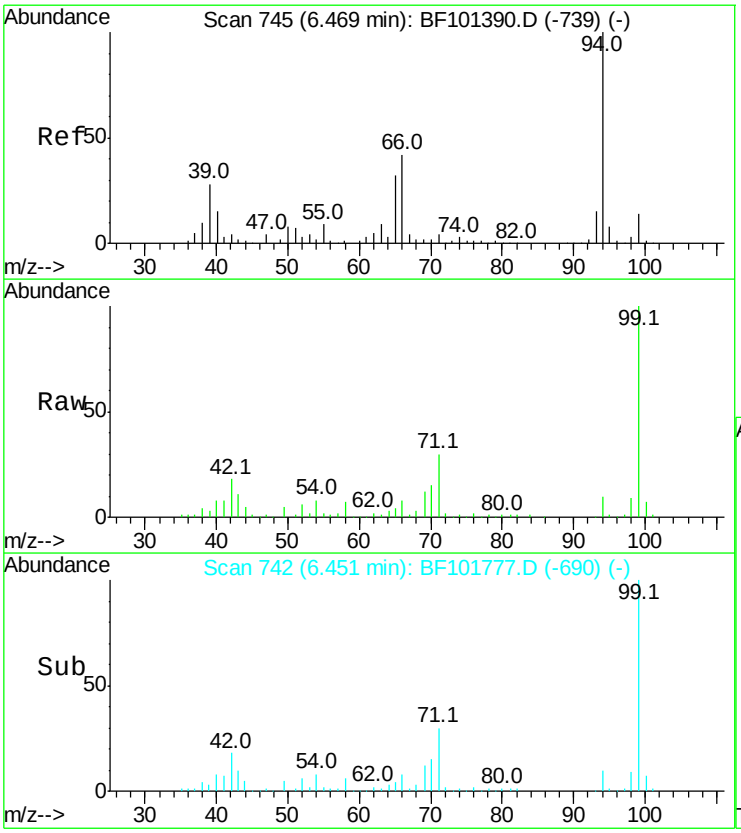
#7
Phenol-d6
Concen: 55.157 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 722179

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.8	25.4	38.0

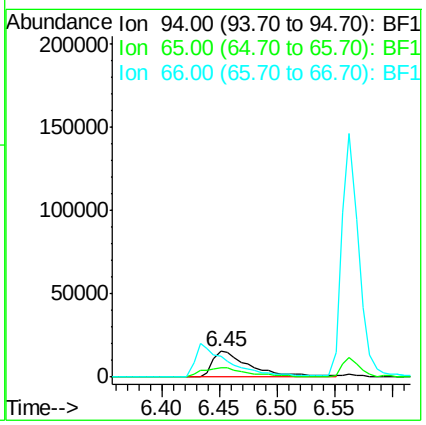


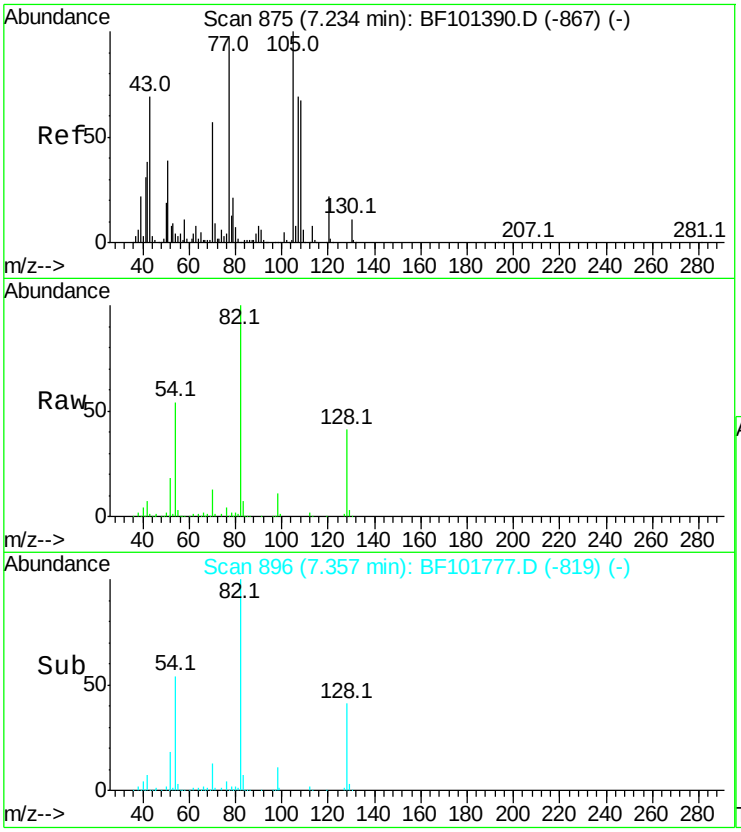


#10
Phenol
Concen: 2.379 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion: 94 Resp: 35505

Ion	Ratio	Lower	Upper
94	100		
65	37.6	7.9	47.9
66	80.5	16.2	56.2#



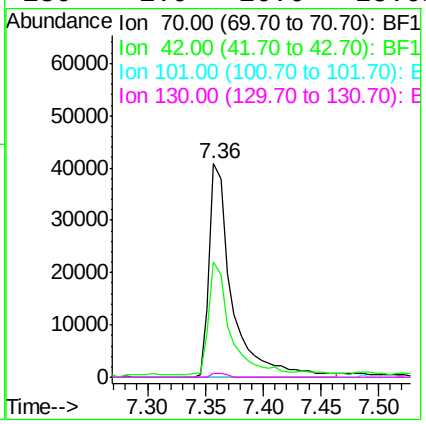


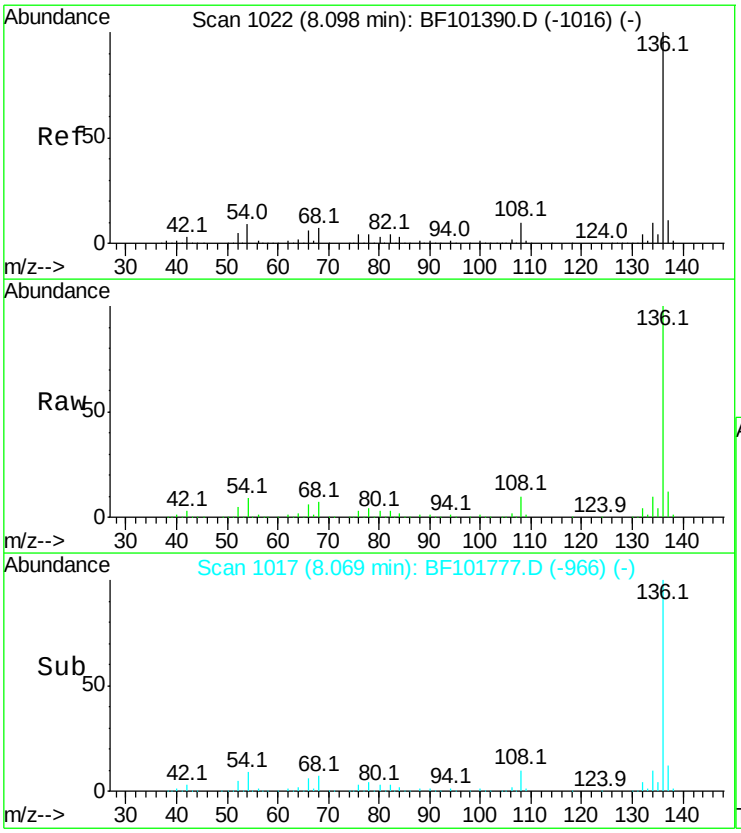
#19
n-Nitroso-di-n-propylamine
Concen: 6.561 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56419

Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

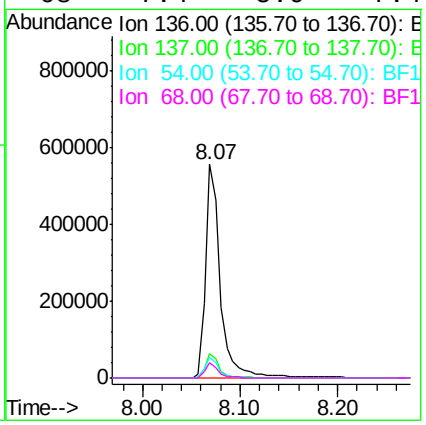


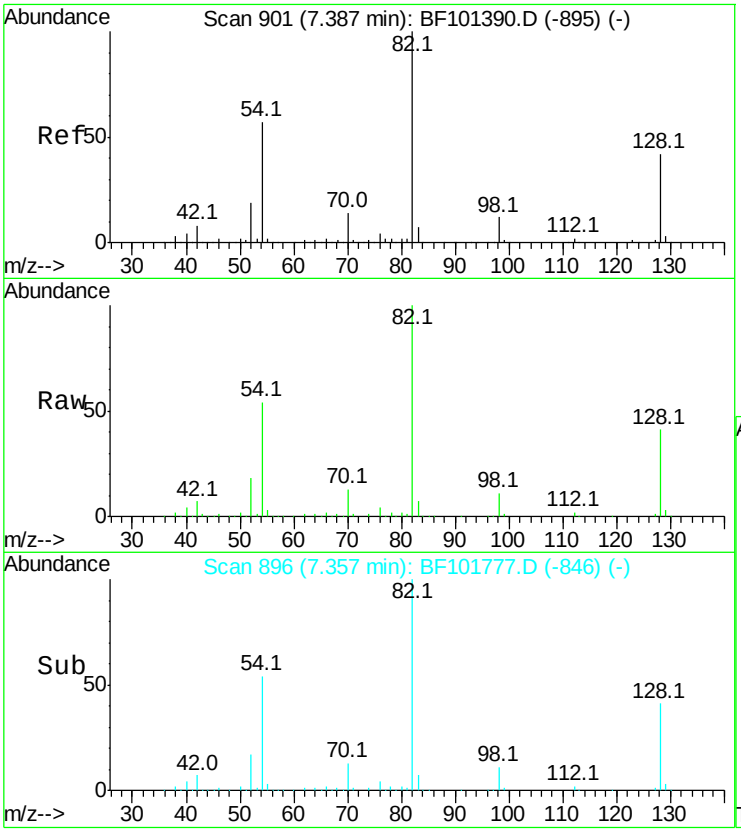


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:136 Resp: 588680

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.4	6.6	9.8
68	7.4	5.0	7.4



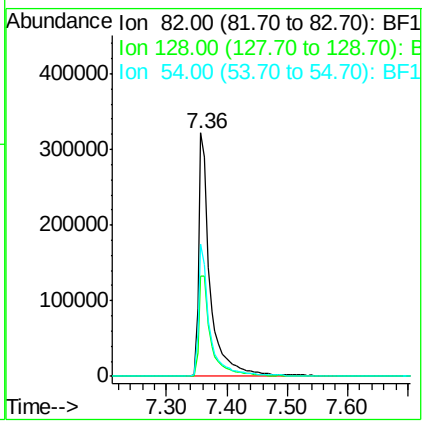


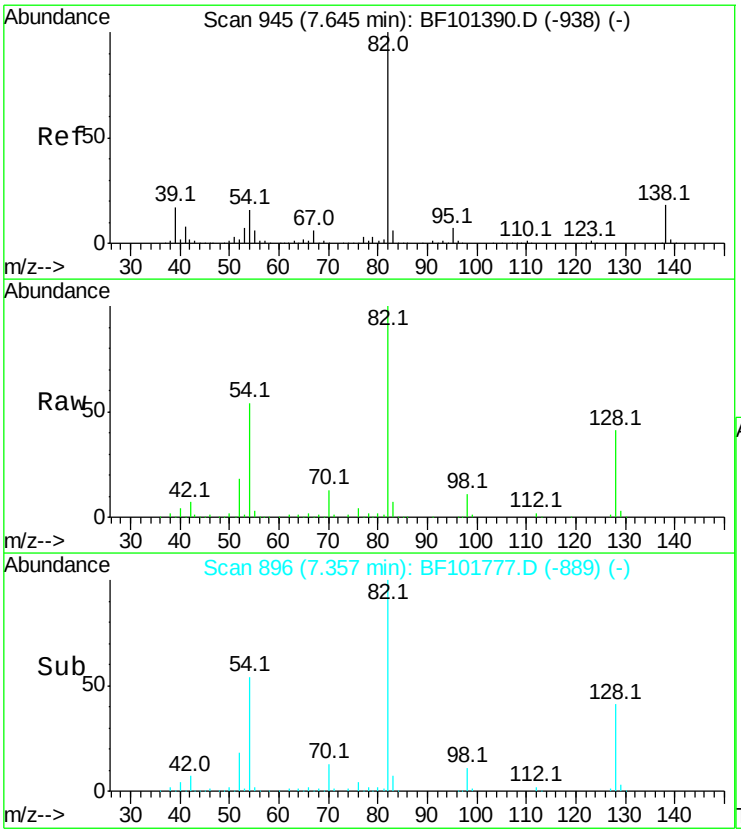
#23
Nitrobenzene-d5
Concen: 41.072 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 434348

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	54.5	41.4	62.2

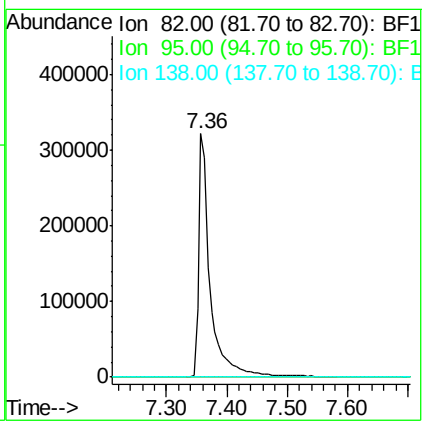


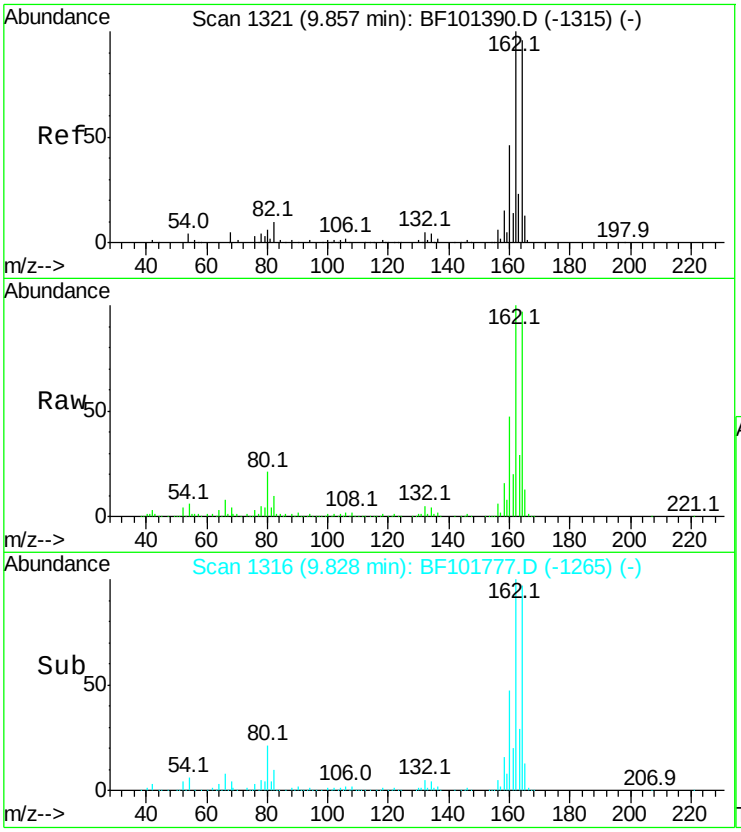


#25
Isophorone
Concen: 20.474 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion: 82 Resp: 434348

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



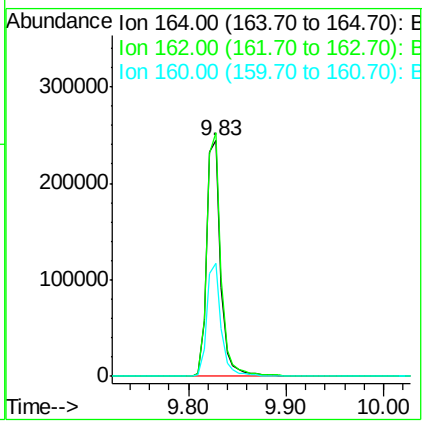


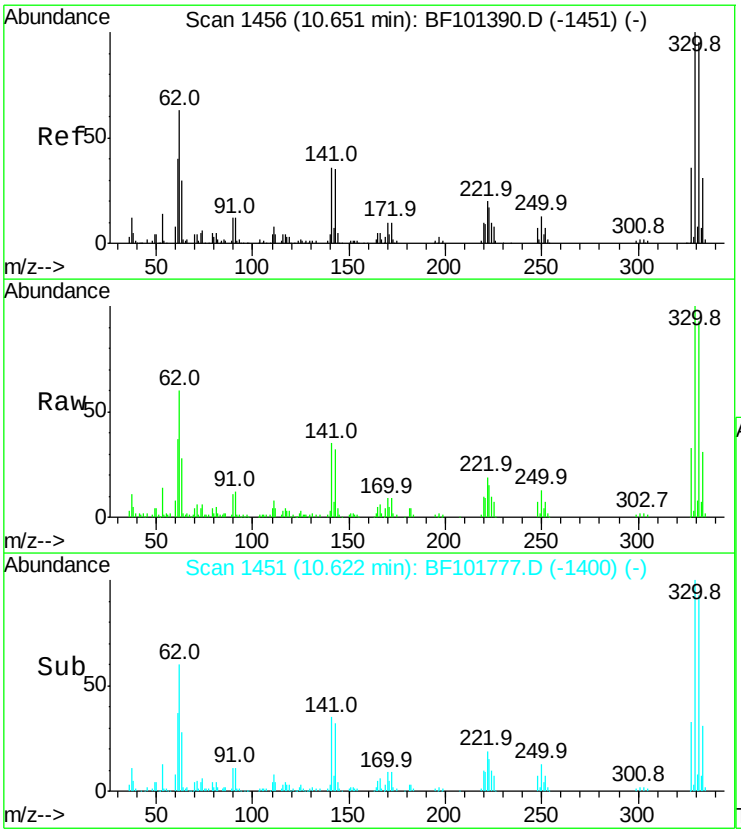
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 245250

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	48.3	38.3	57.5

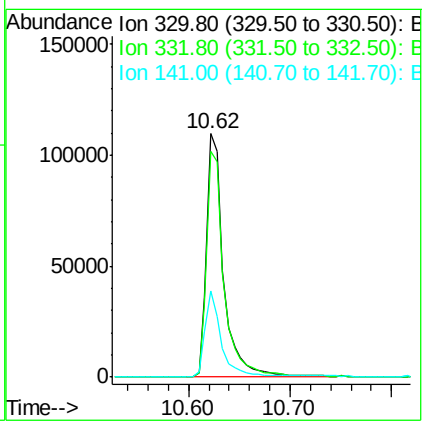


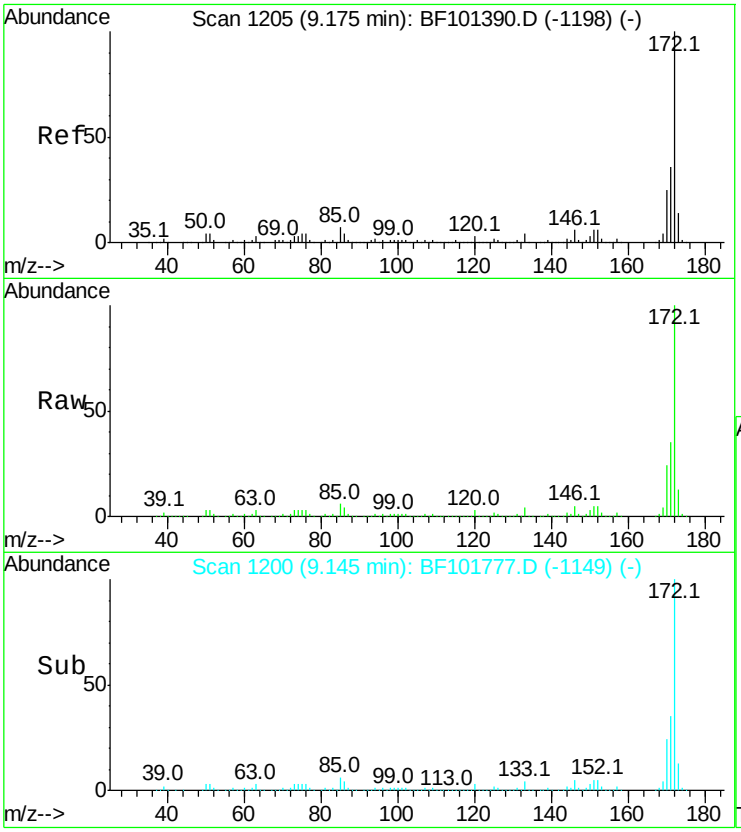


#41
2,4,6-Tribromophenol
Concen: 54.845 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:330 Resp: 129609

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.0	29.9	44.9



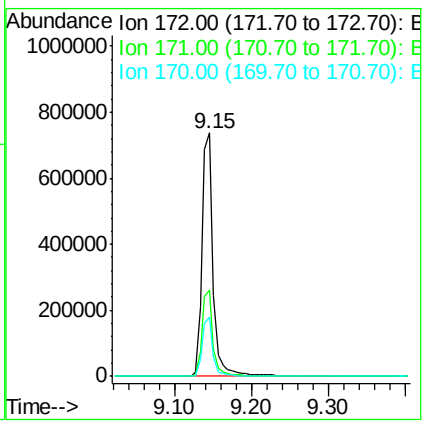


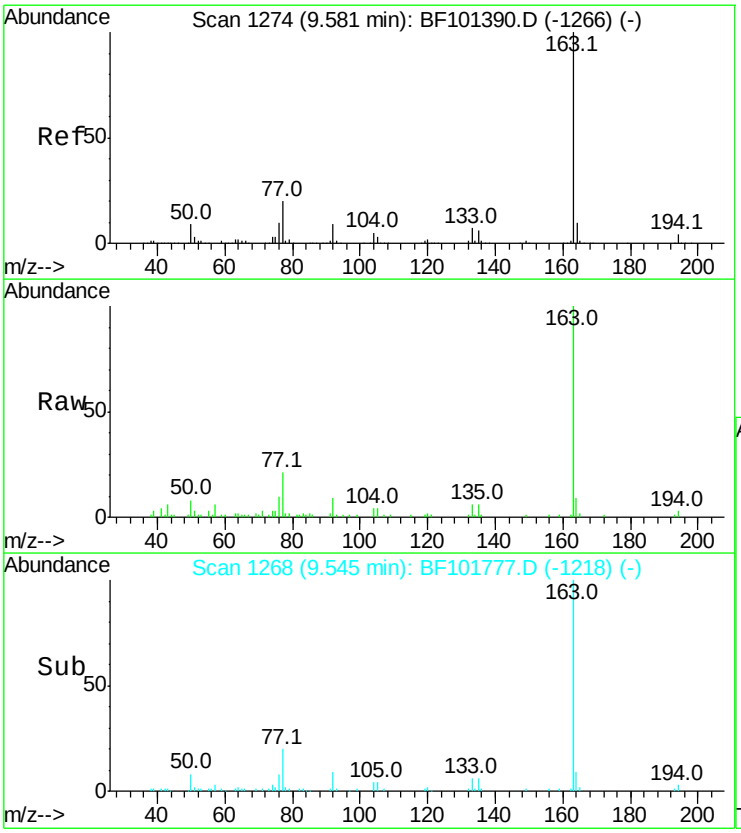
#44
2-Fluorobiphenyl
Concen: 47.022 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 743408

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	24.2	19.6	29.4

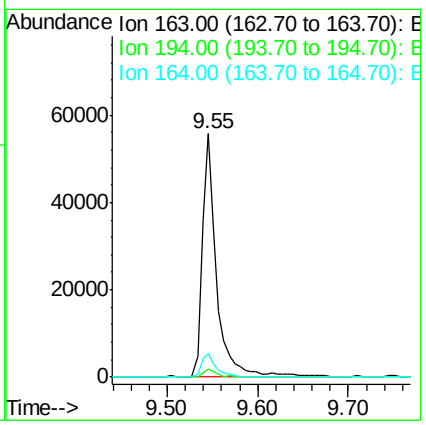


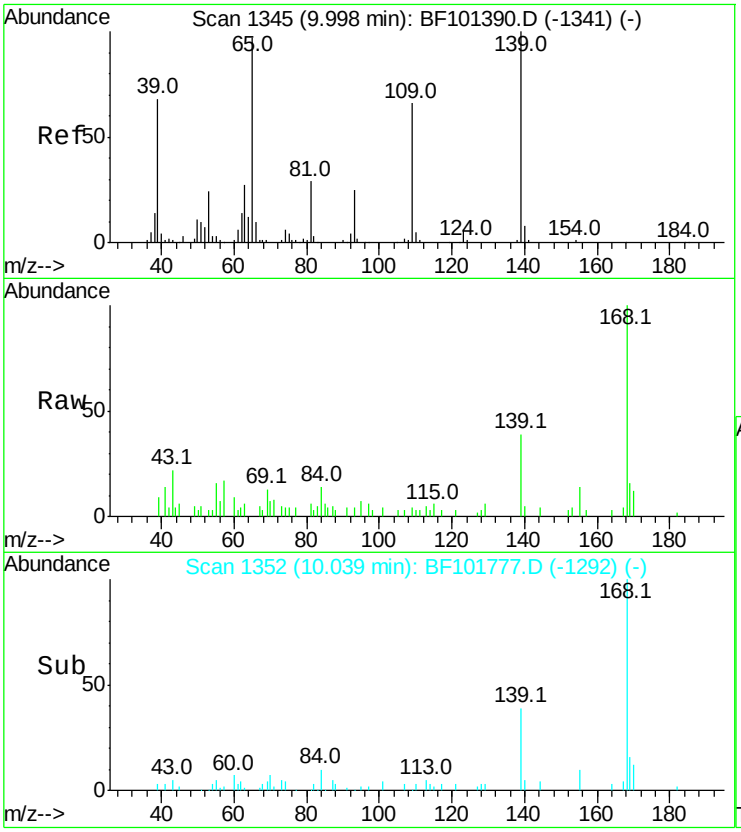


#49
Dimethylphthalate
Concen: 3.166 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:163 Resp: 62449

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2



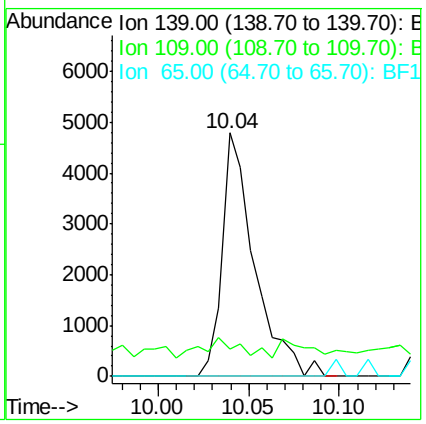


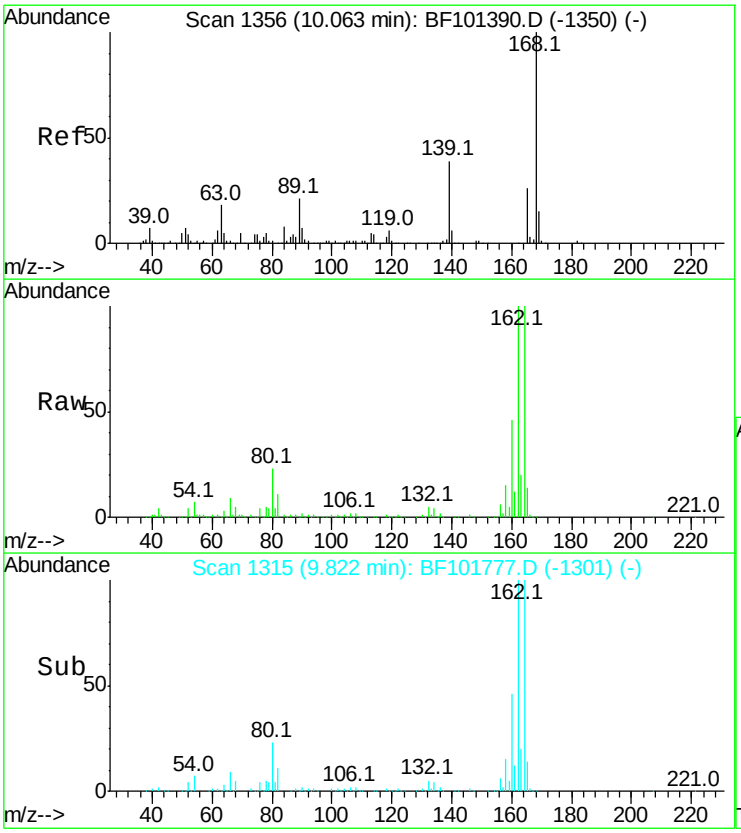
#55
4-Nitrophenol
Concen: 2.731 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5952

Ion	Ratio	Lower	Upper
139	100		
109	11.0	48.4	88.4#
65	0.0	72.6	112.6#

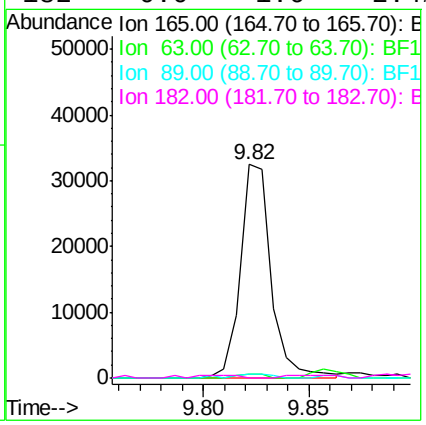


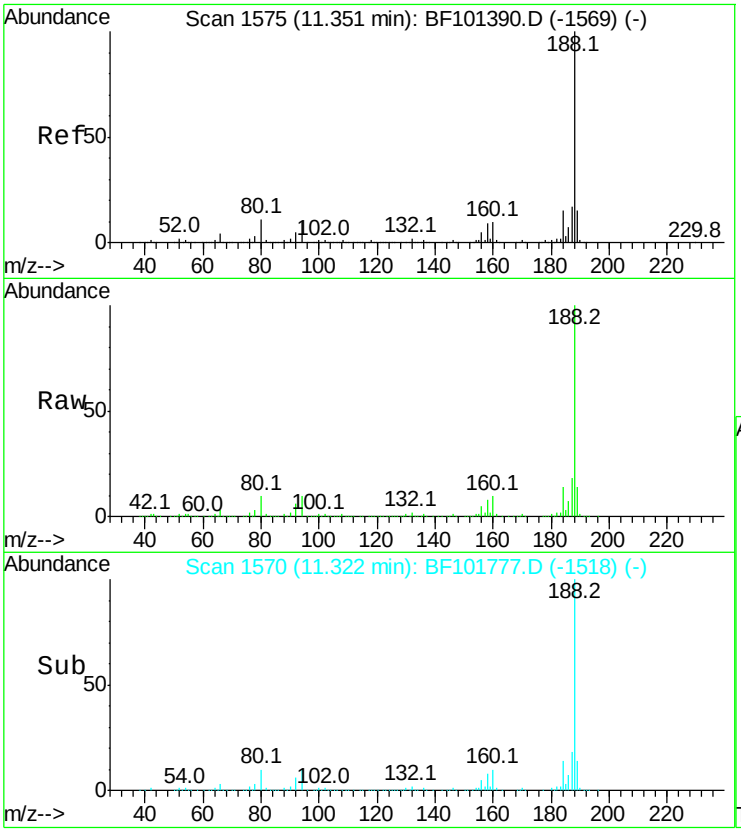


#56
2,4-Dinitrotoluene
Concen: 7.279 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:165 Resp: 32883

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



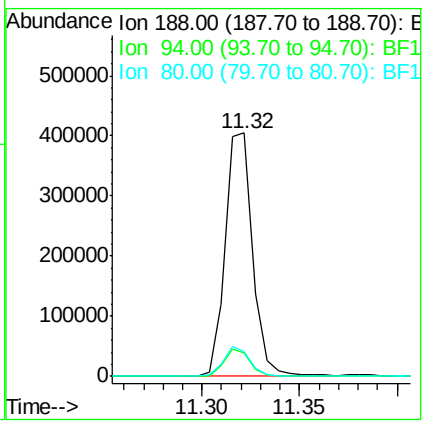


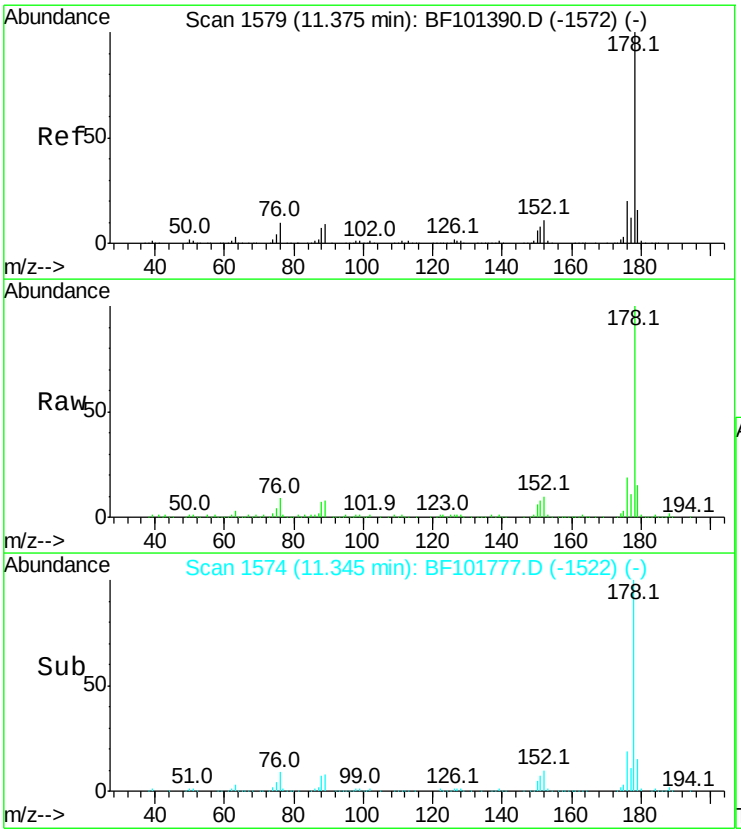
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 394876

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8

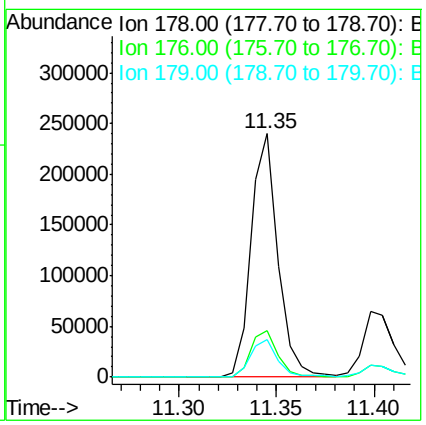


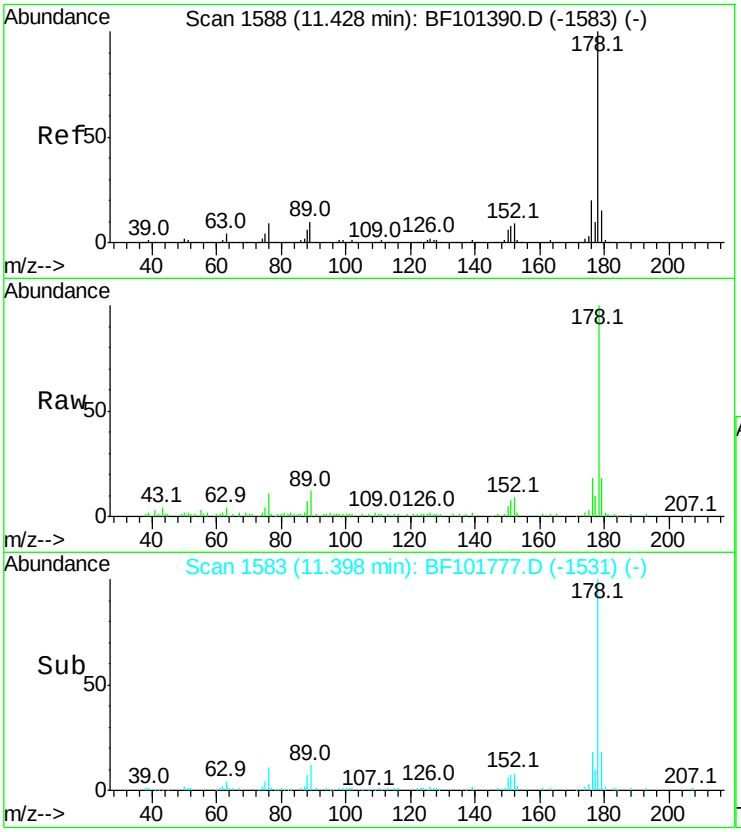


#70
Phenanthrene
Concen: 10.389 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:178 Resp: 228147

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	13.0	19.6



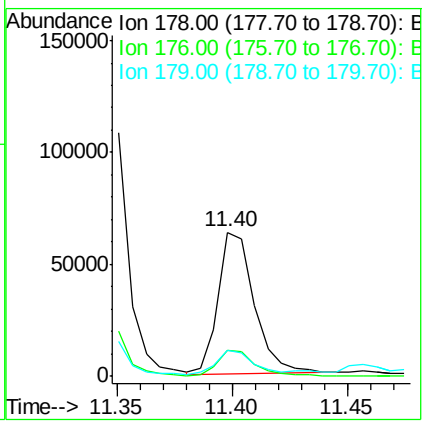


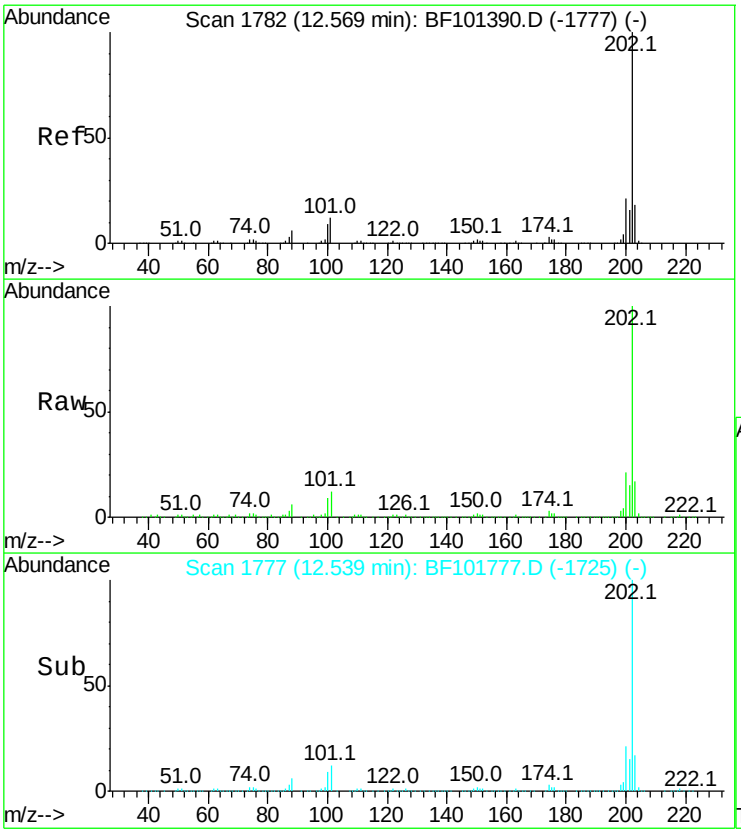
#71
Anthracene
Concen: 3.075 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 68972

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.9	12.6	19.0

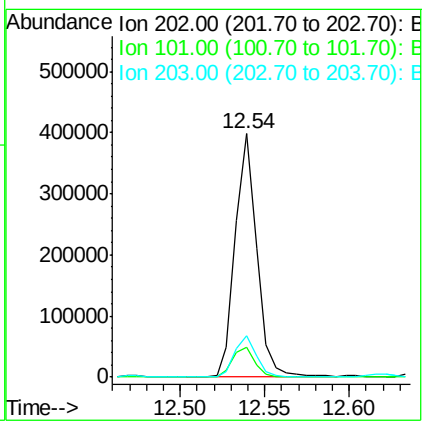


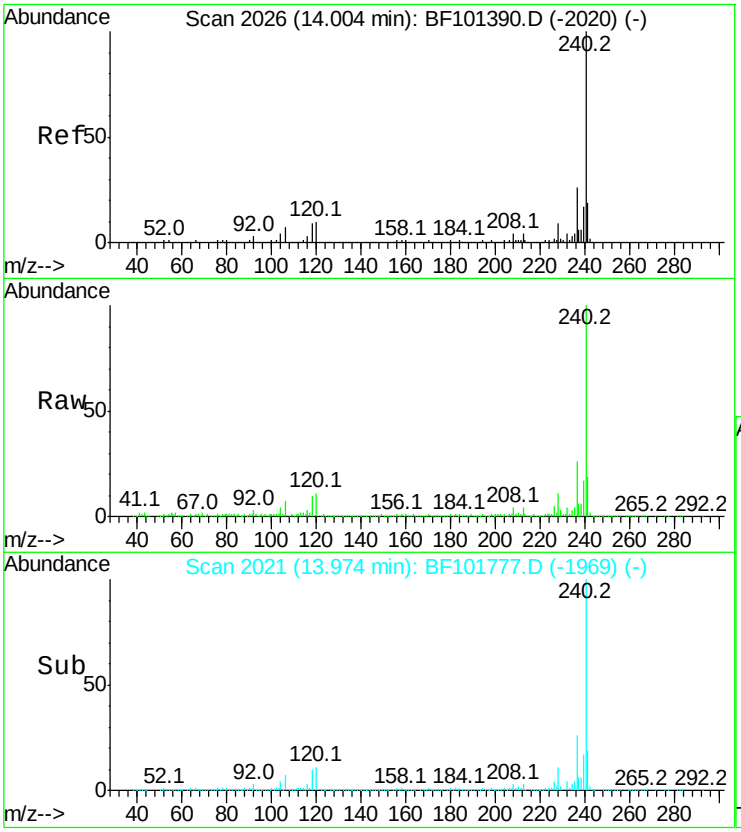


#74
Fluoranthene
Concen: 15.355 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:202 Resp: 353931

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.2	0.0	38.1



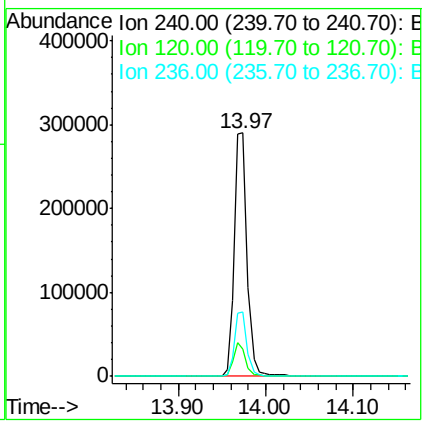


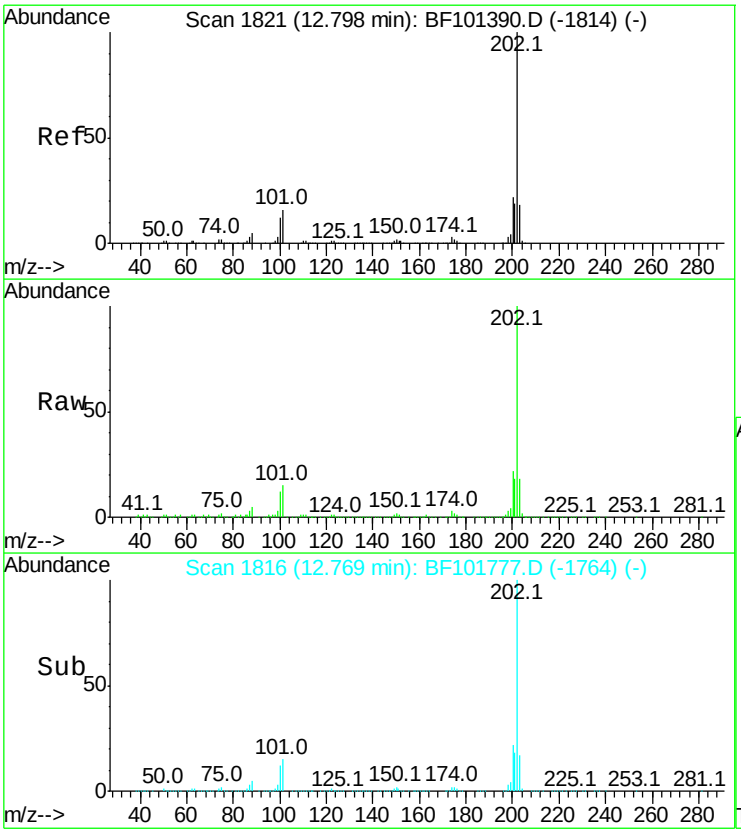
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 293325

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.4	20.7	31.1

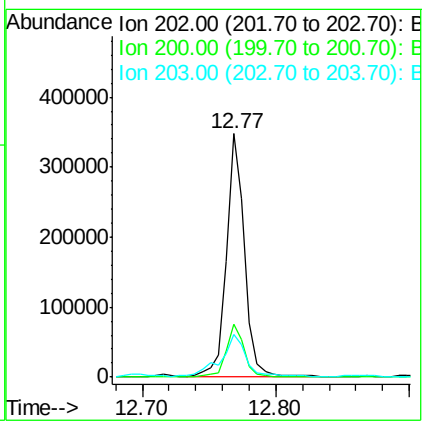


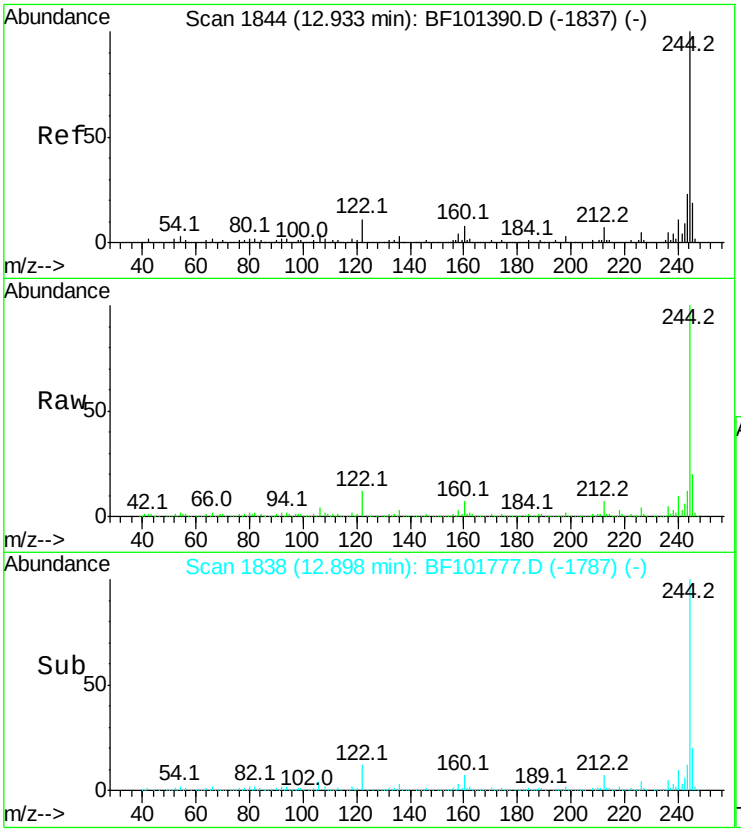


#77
Pyrene
Concen: 14.859 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:202 Resp: 327106

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5



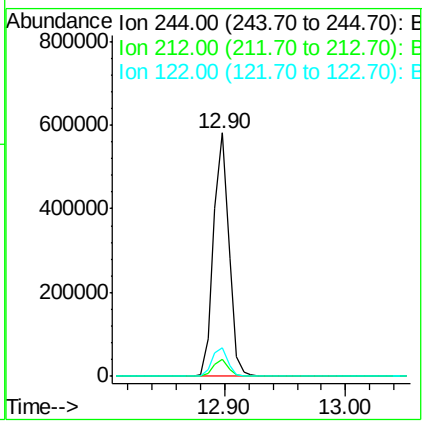


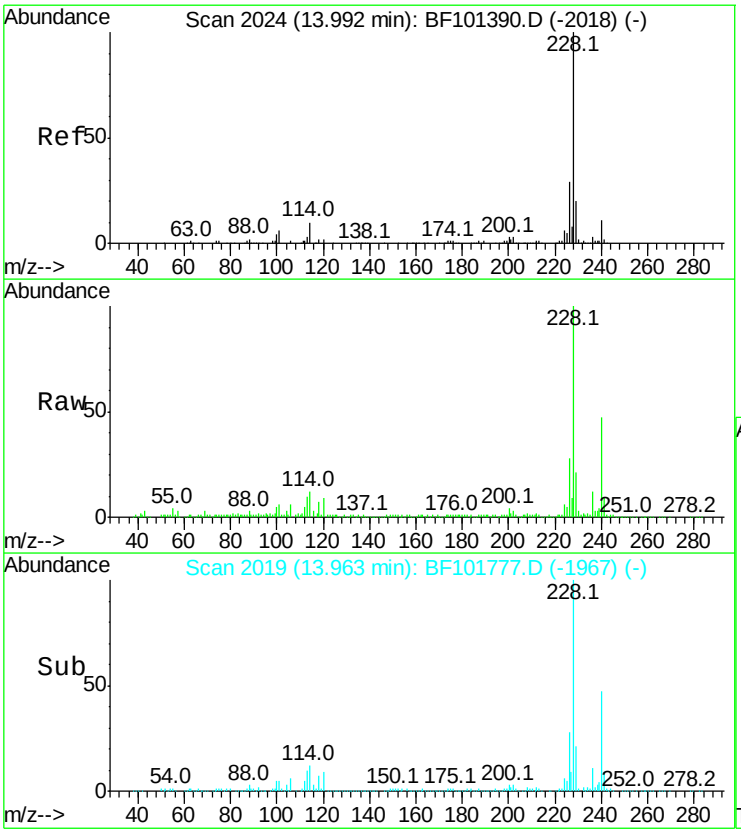
#78
Terphenyl-d14
Concen: 41.550 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 505547

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4

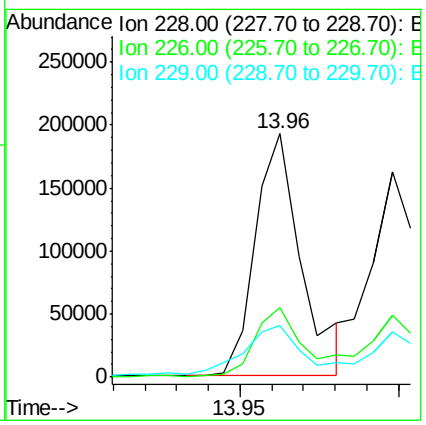


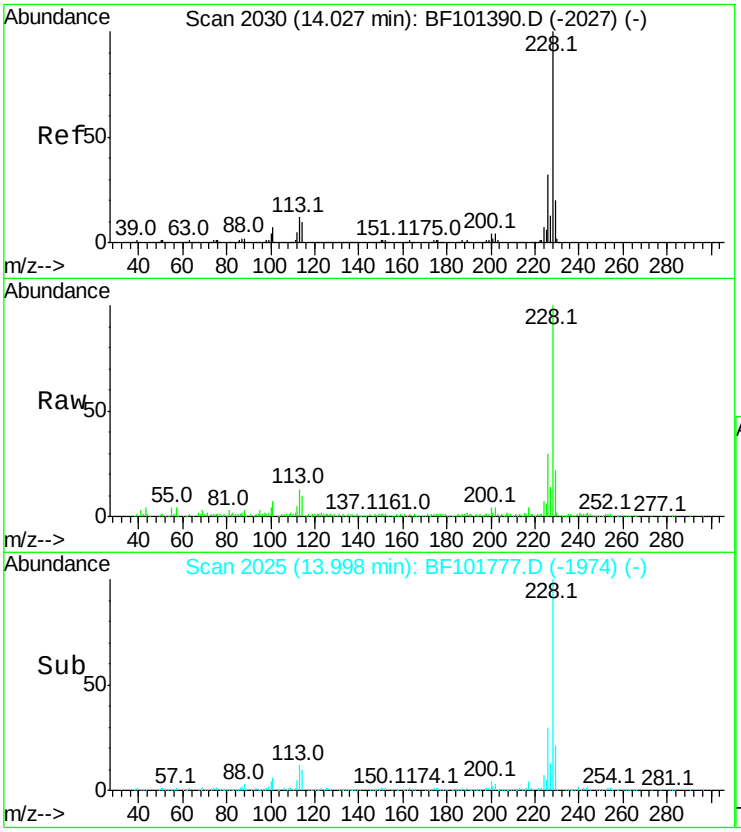


#80
Benzo(a)anthracene
Concen: 10.045 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:228 Resp: 194549

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.4	15.8	23.6



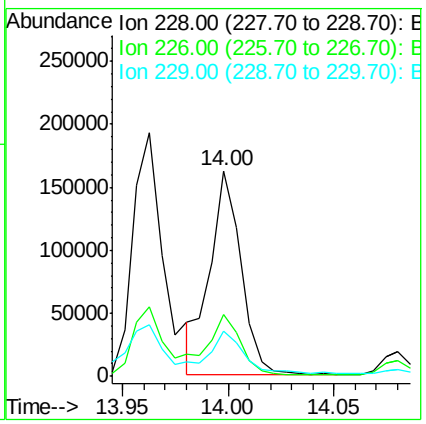


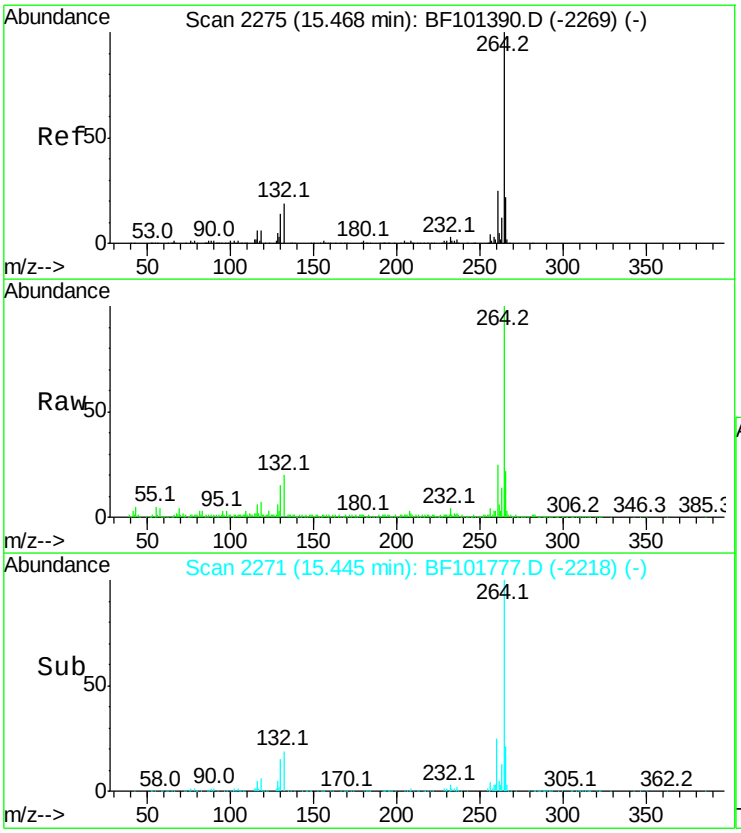
#82
Chrysene
Concen: 9.056 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 165609

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.9	16.2	24.4

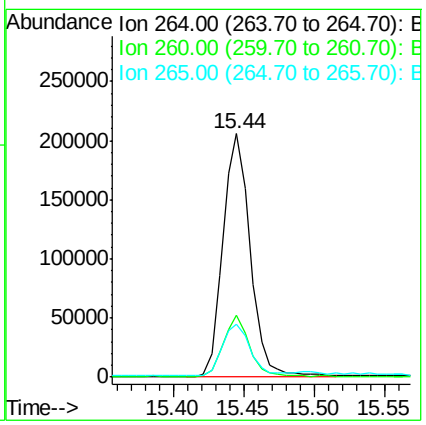


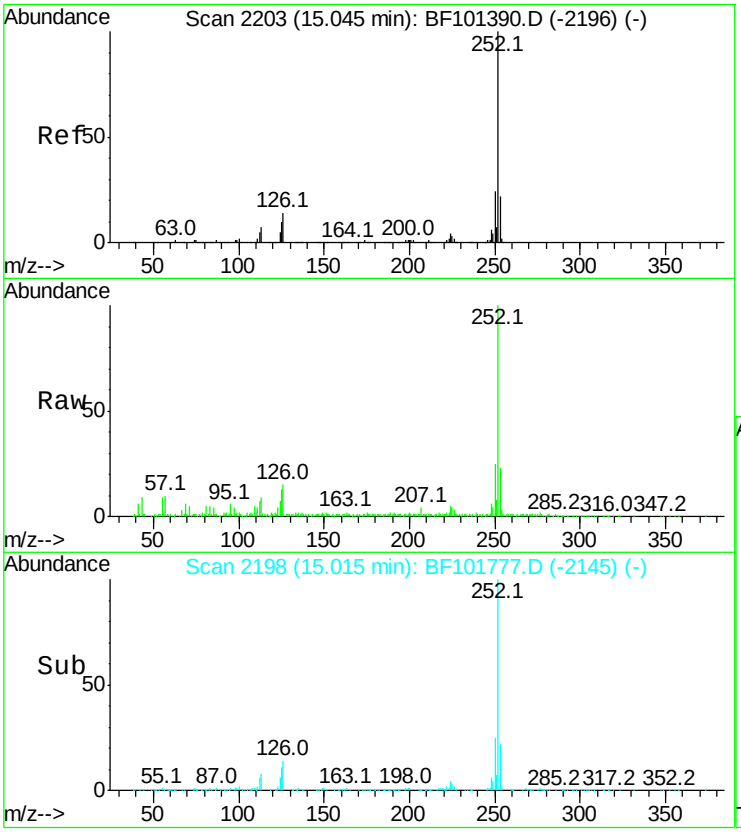


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:264 Resp: 273800

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.9	17.5	26.3



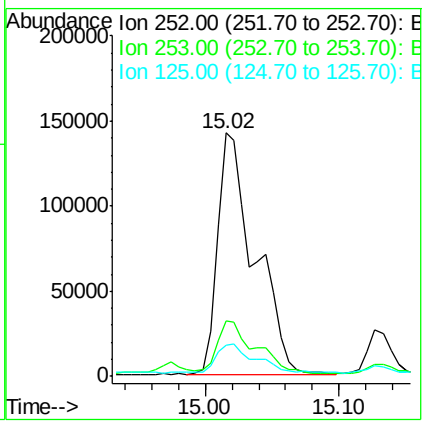


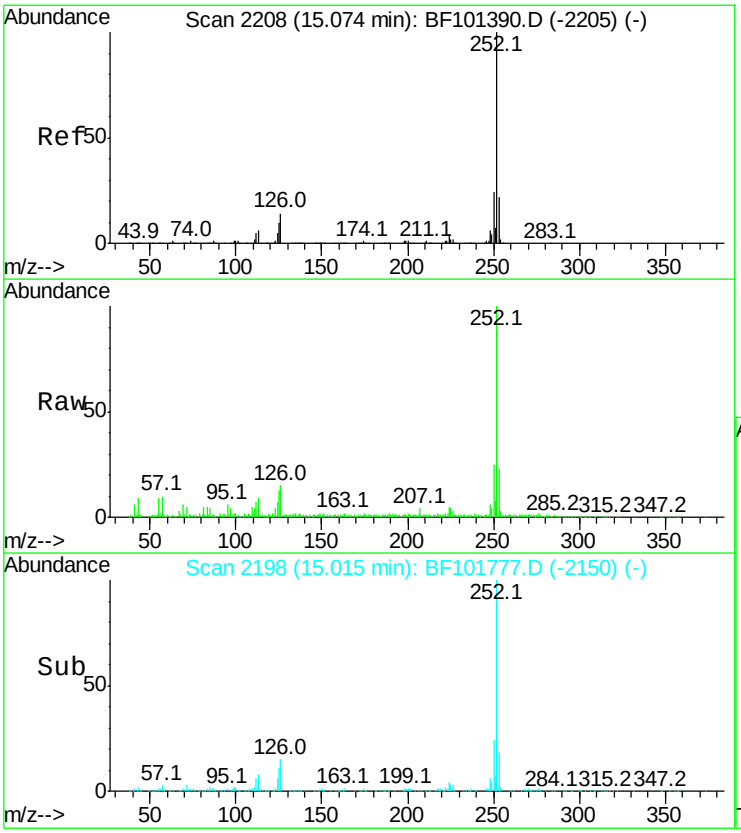
#87
Benzo(b)fluoranthene
Concen: 16.446 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 274465

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.8	9.0	13.6

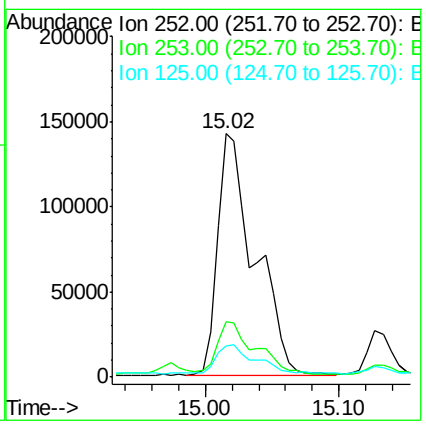


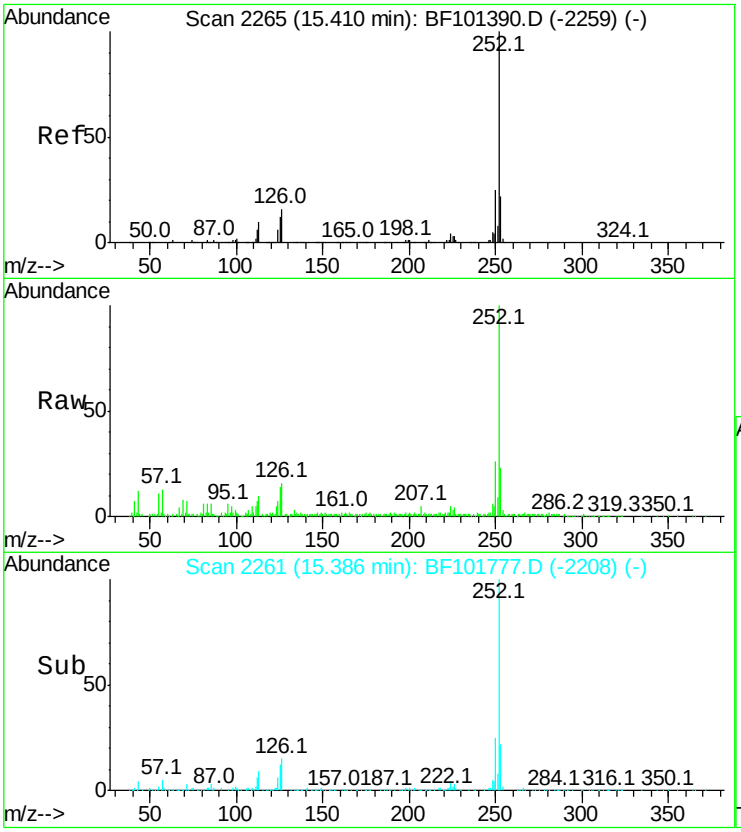


#88
Benzo(k)fluoranthene
Concen: 16.915 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:252 Resp: 274465

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.8	10.2	15.2



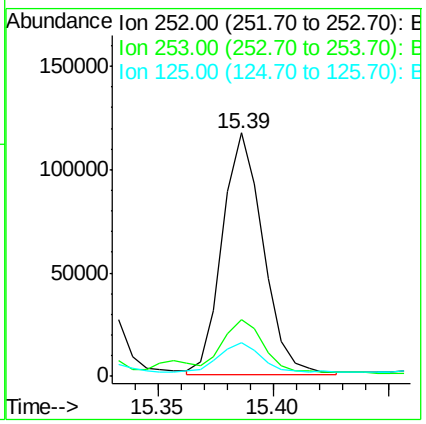


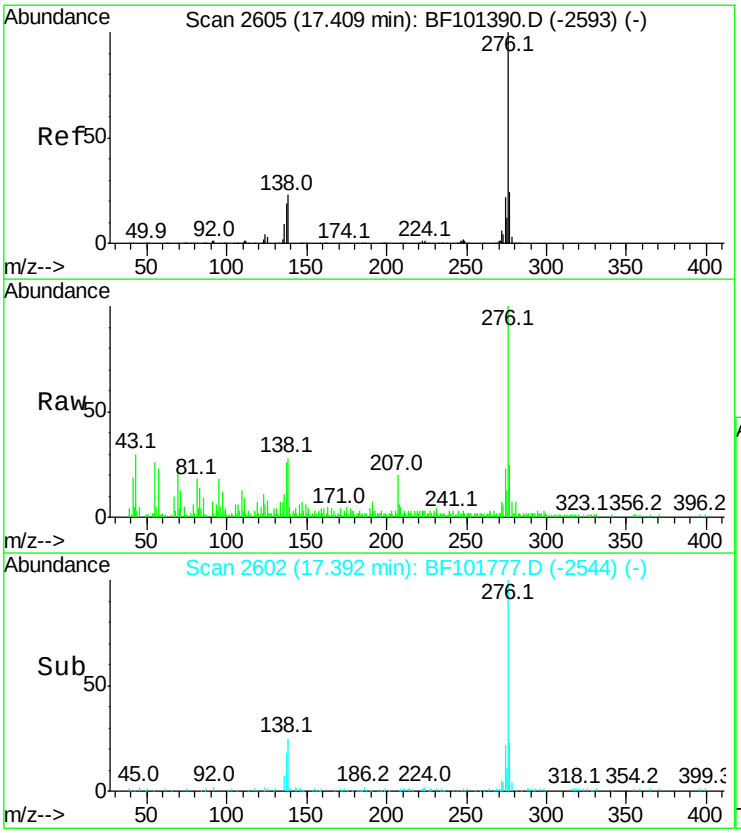
#89
Benzo(a)pyrene
Concen: 9.350 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 143853

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.408 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.04 min
Lab File: BF101777.D
Acq: 27 Dec 2017 21:56

Tgt Ion:276 Resp: 70739

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	27.7	21.8	32.8