Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101779.D
Acq On : 27 Dec 2017 22:49
Operator : SJ/JU
Sample : I7064-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 04:11:14 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	145005	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	548216	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	217573	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	357298	20.00	ng		0.00
75) Chrysene-d12	13.97	240	315008	20.00	ng		0.00
86) Perylene-d12	15.44	264	268164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	525493	53.98	ng		0.01
7) Phenol-d6	6.44	99	638490	52.70	ng		0.00
23) Nitrobenzene-d5	7.36	82	375896	38.17	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	110687	52.80	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	660627	47.10	ng		0.00
78) Terphenyl-d14	12.90	244	483713	37.02	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	30825	2.232	ng	#	54
19) n-Nitroso-di-n-propylamine	7.36	70	50318	6.324	ng	#	81
25) Isophorone	7.36	82	375896	19.027	ng	#	64
49) Dimethylphthalate	9.55	163	60730	3.470	ng		98
50) 2,6-Dinitrotoluene	9.83	165	30233	8.500	ng	#	26
55) 4-Nitrophenol	10.04	139	4829	2.497	ng	#	14
56) 2,4-Dinitrotoluene	9.83	165	30233	7.544	ng	#	24
70) Phenanthrene	11.34	178	150077	7.553	ng		97
71) Anthracene	11.40	178	46282	2.280	ng		97
74) Fluoranthene	12.54	202	294012	14.097	ng		98
77) Pyrene	12.77	202	270087	11.424	ng		99
80) Benzo(a)anthracene	13.96	228	169316	8.140	ng		97
82) Chrysene	14.00	228	157312	8.010	ng		98
87) Benzo(b)fluoranthene	15.02	252	249591	15.270	ng	#	95
88) Benzo(k)fluoranthene	15.02	252	249591	15.705	ng		97
89) Benzo(a)pyrene	15.39	252	121818	8.085	ng	#	92
91) Benzo(g,h,i)perylene	17.40	276	64454	5.031	ng		95

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

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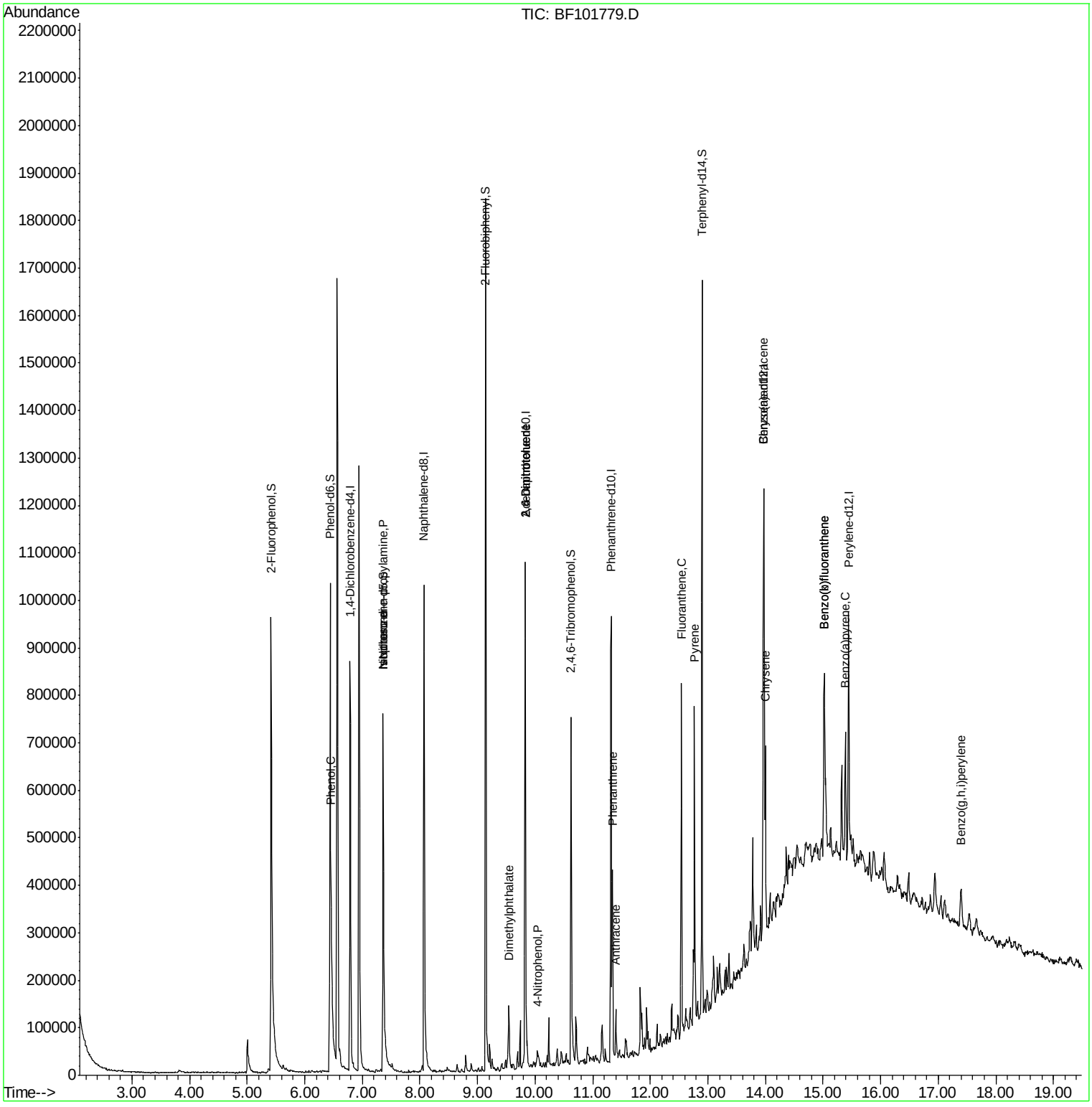
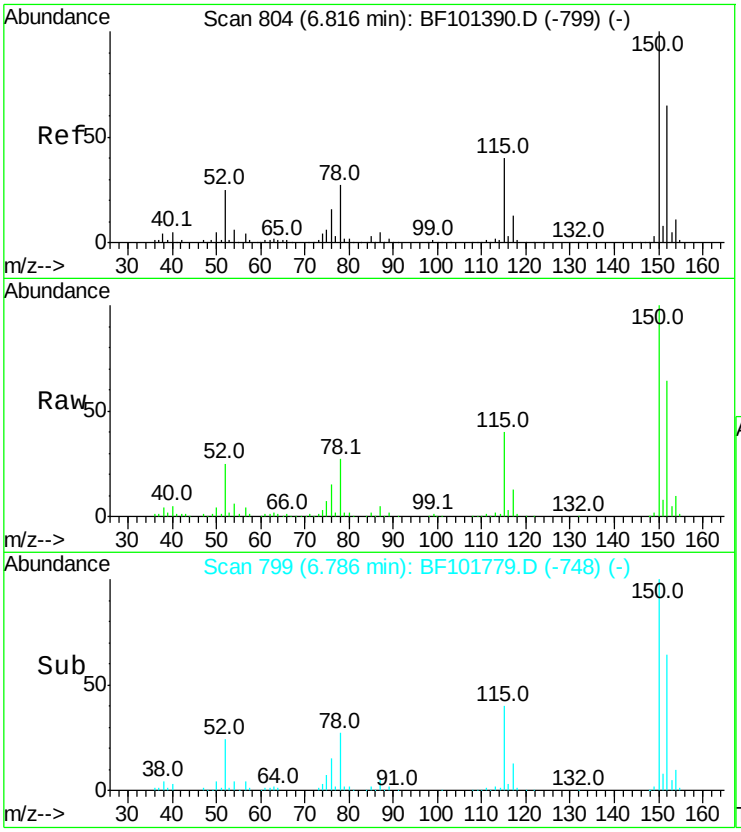


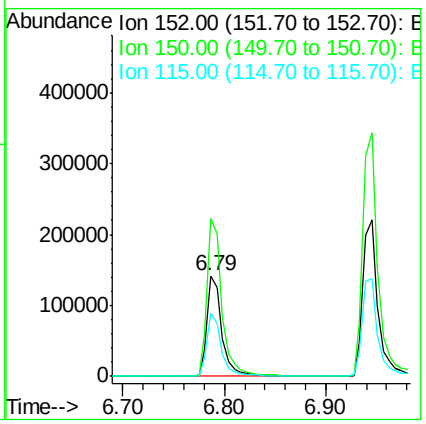


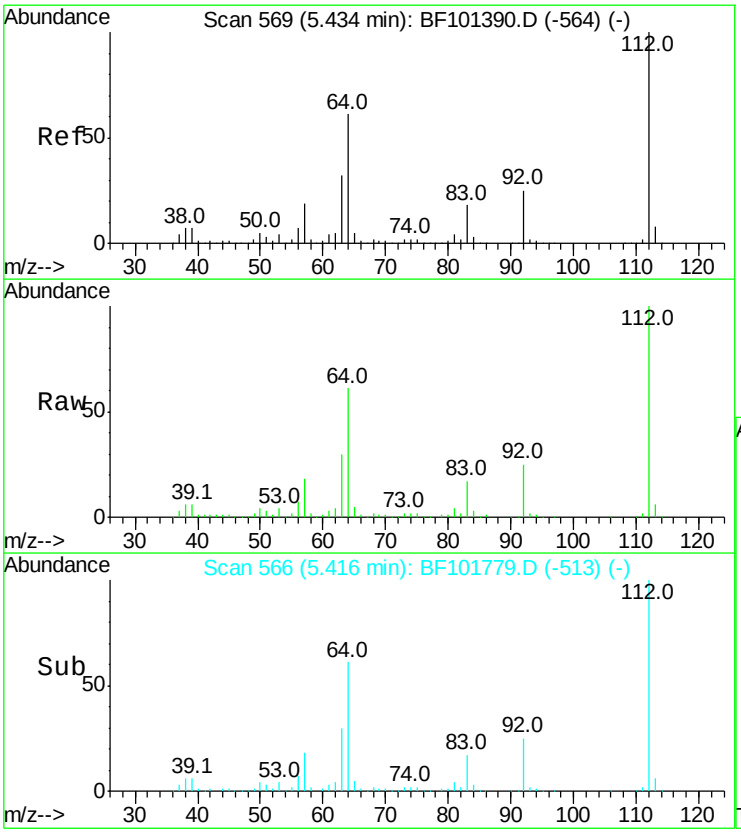
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145005

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.4	50.1	75.1

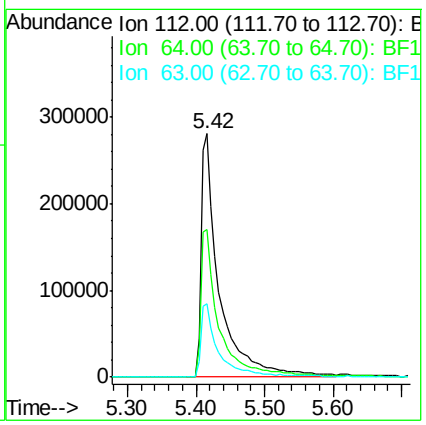


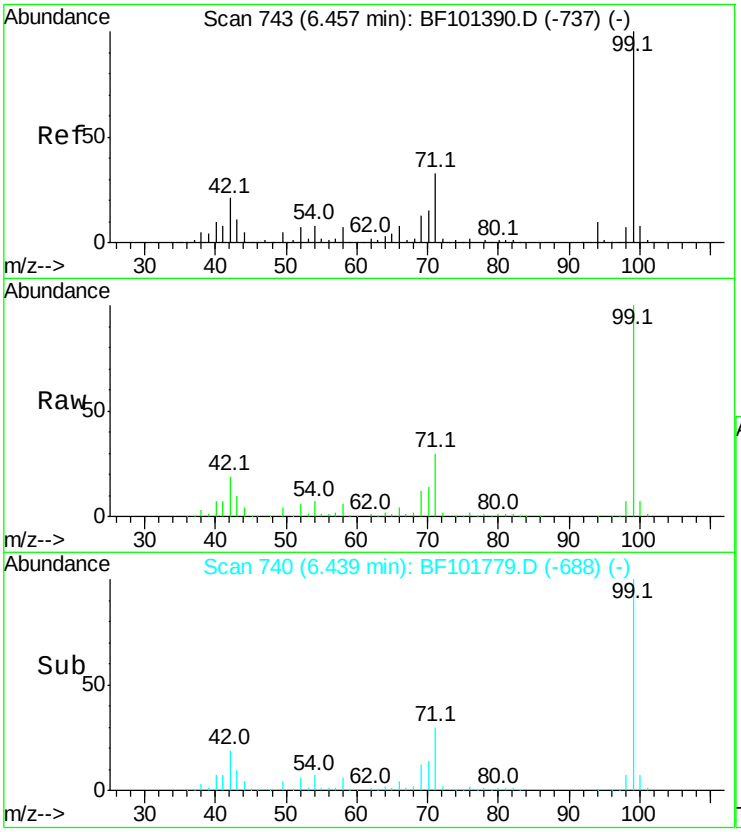


#5
2-Fluorophenol
Concen: 53.982 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:112 Resp: 525493

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.2	23.7	35.5



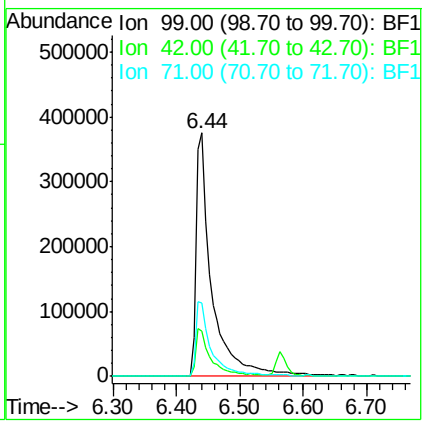


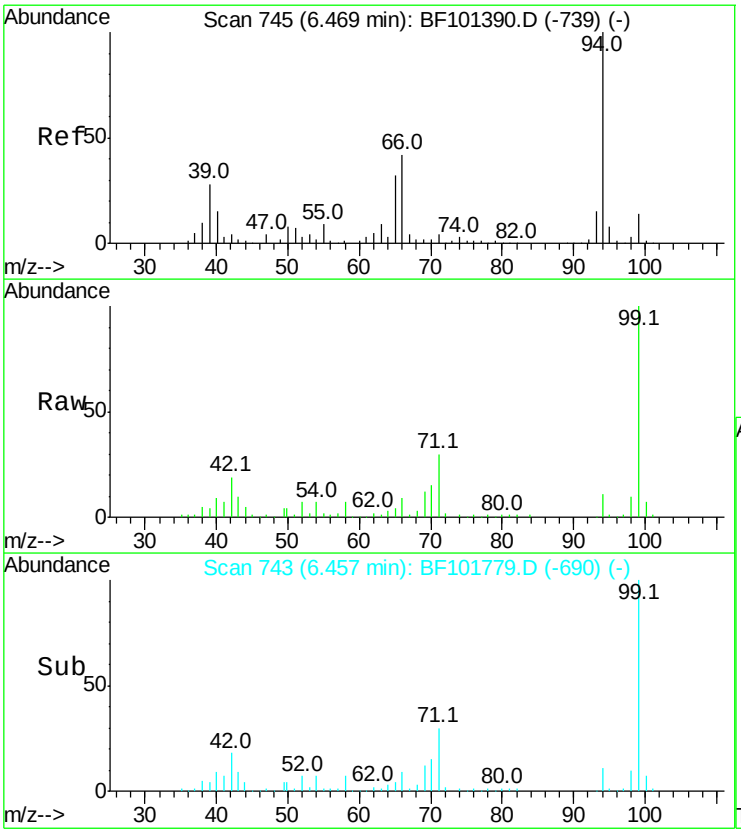
#7
Phenol-d6
Concen: 52.702 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 638490

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	30.3	25.4	38.0

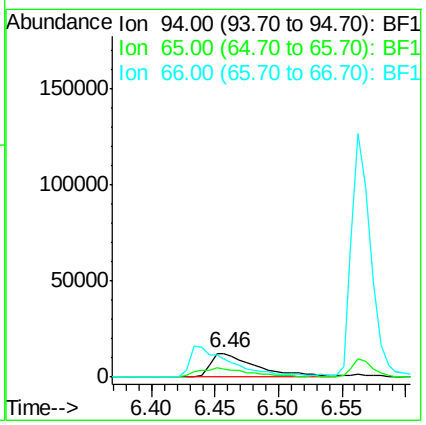


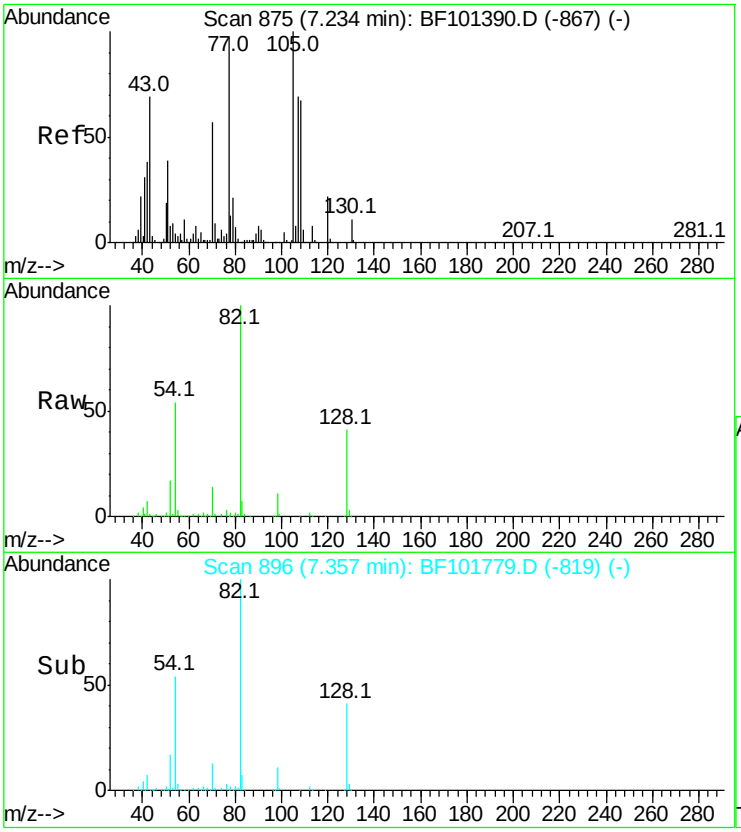


#10
Phenol
Concen: 2.232 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion: 94 Resp: 30825

Ion	Ratio	Lower	Upper
94	100		
65	35.5	7.9	47.9
66	78.0	16.2	56.2#



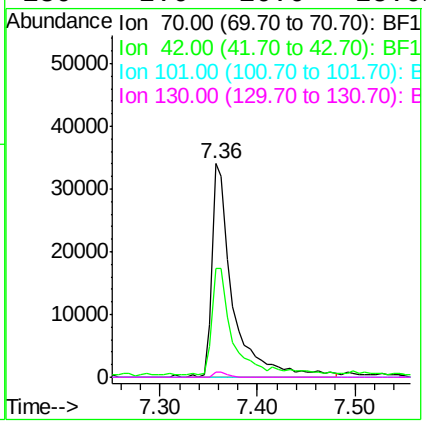


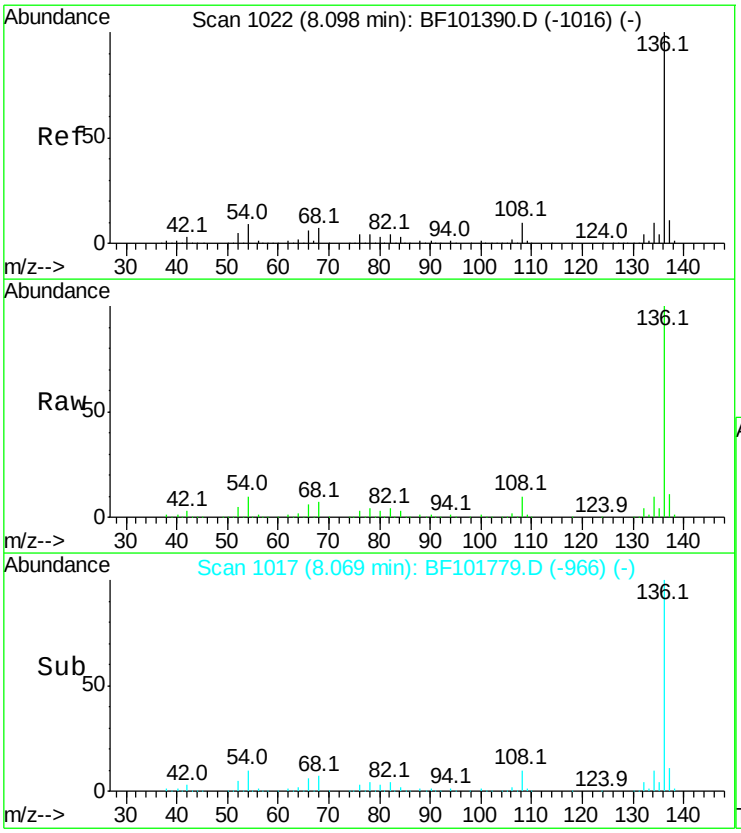
#19
n-Nitroso-di-n-propylamine
Concen: 6.324 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 50318

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

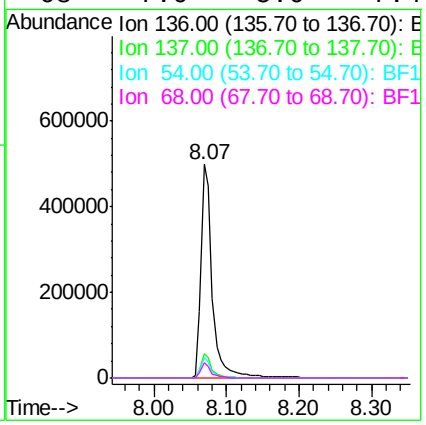


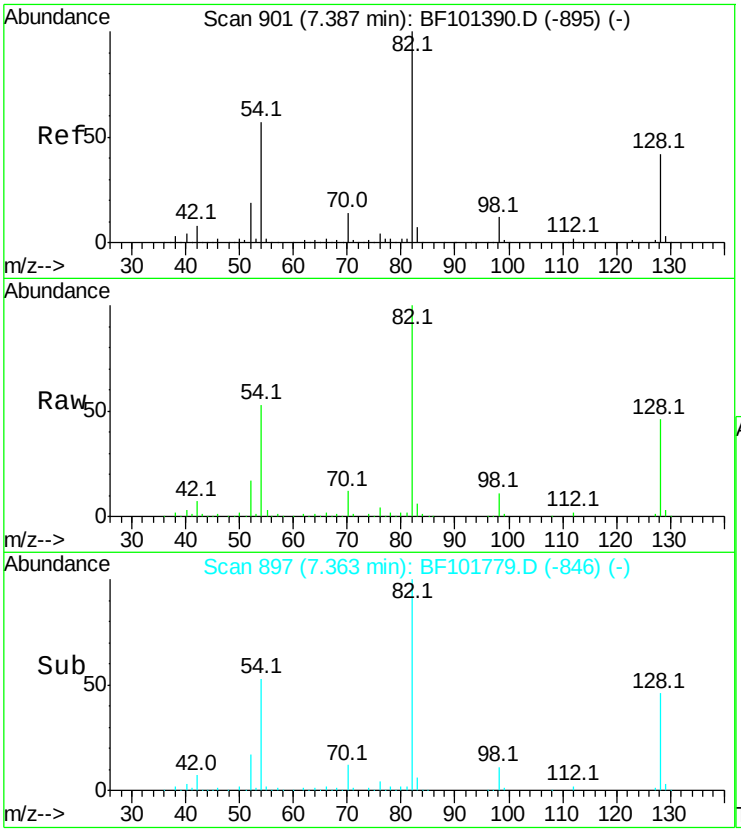


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:136 Resp: 548216

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	6.6	9.8
68	7.0	5.0	7.4



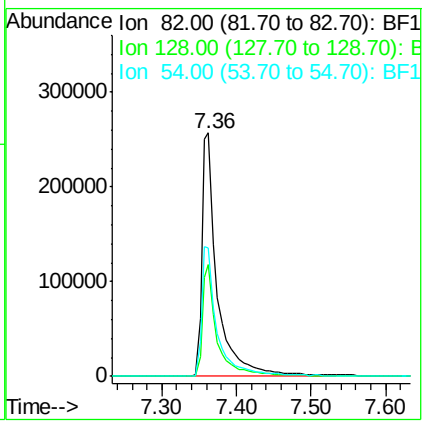


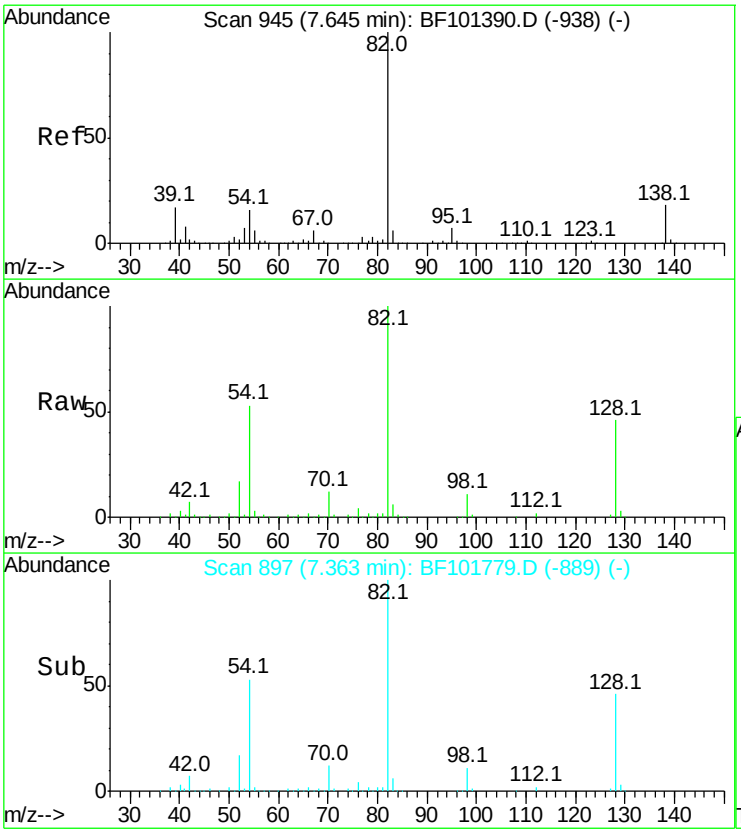
#23
Nitrobenzene-d5
Concen: 38.168 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 375896

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	52.7	41.4	62.2

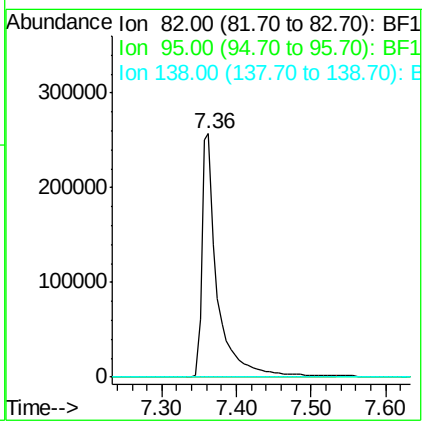


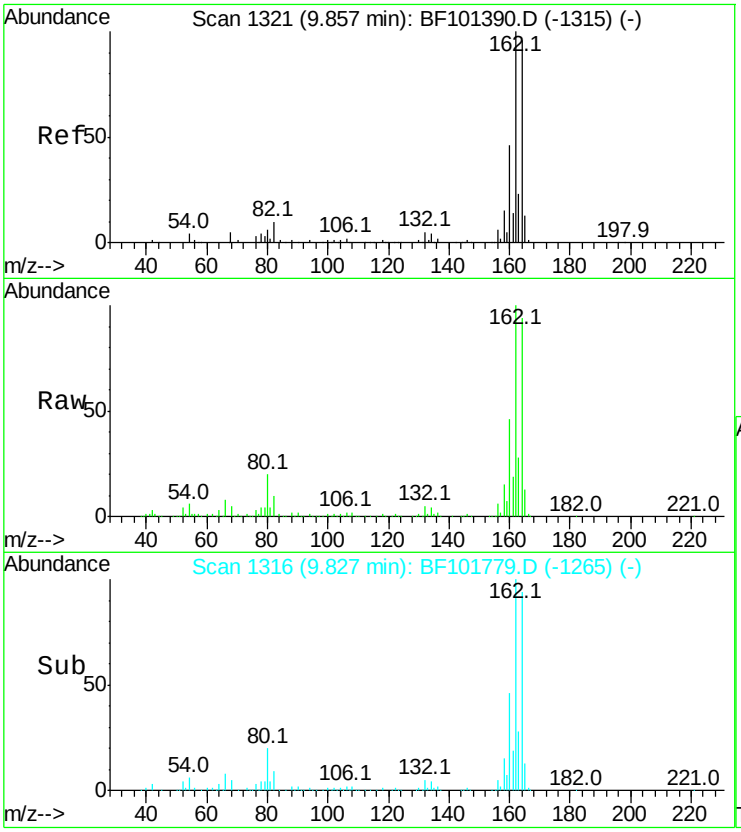


#25
Isophorone
Concen: 19.027 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion: 82 Resp: 375896

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



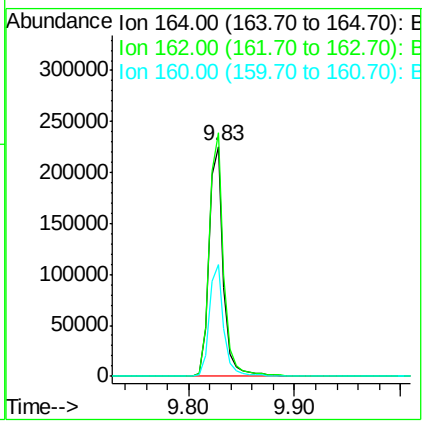


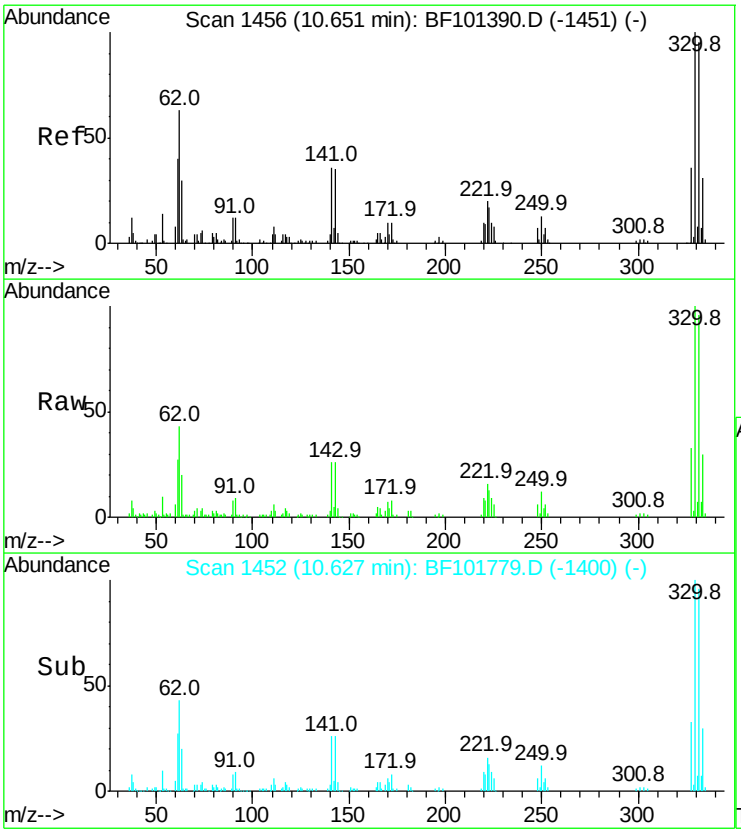
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 217573

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	48.8	38.3	57.5

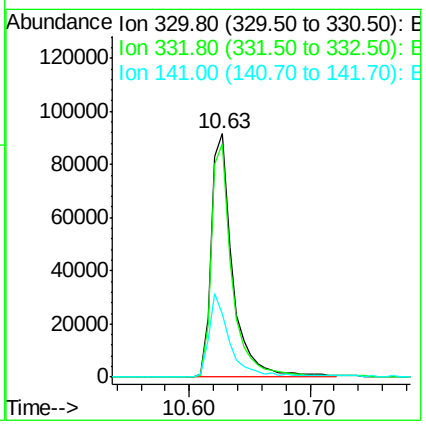


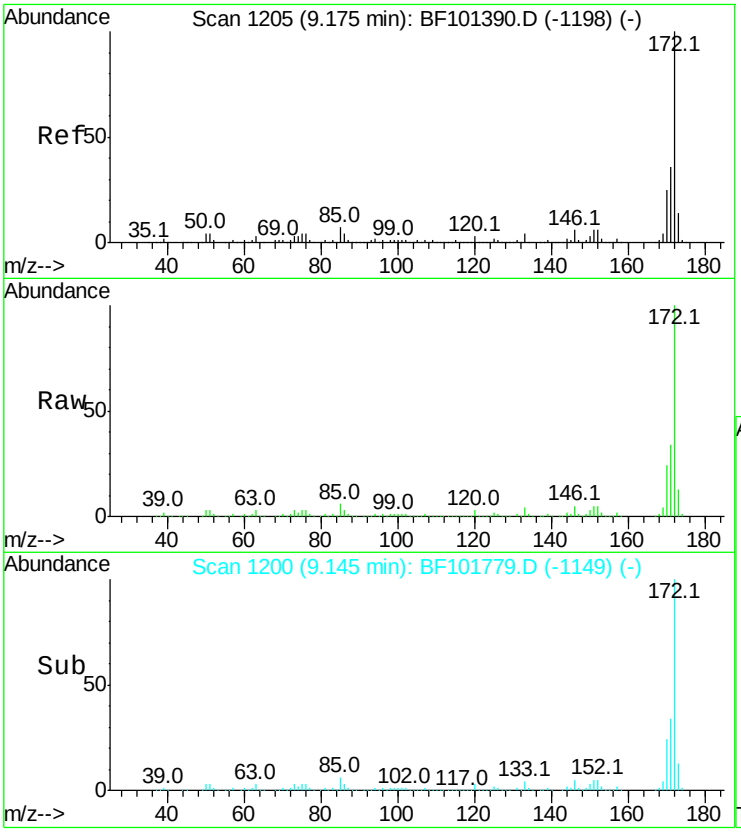


#41
2,4,6-Tribromophenol
Concen: 52.796 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:330 Resp: 110687

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	33.3	29.9	44.9



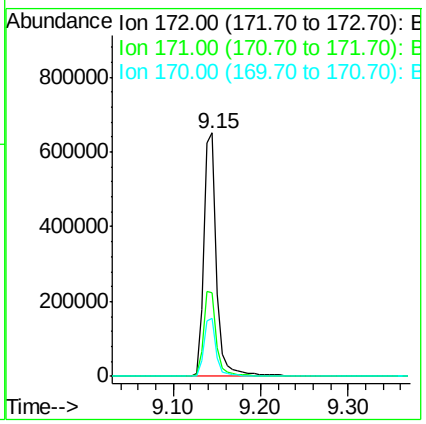


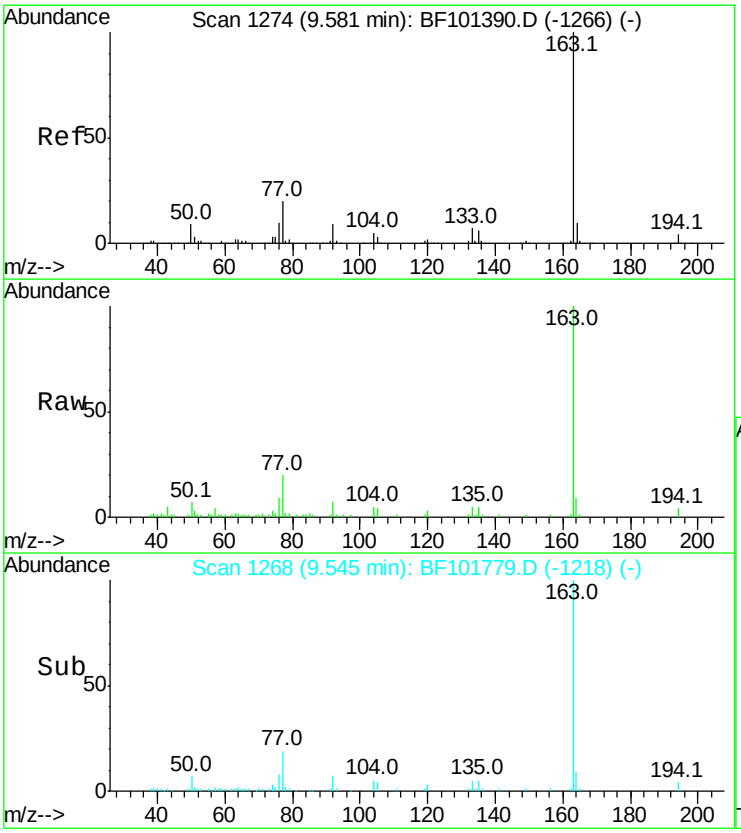
#44
2-Fluorobiphenyl
Concen: 47.101 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 660627

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	24.0	19.6	29.4

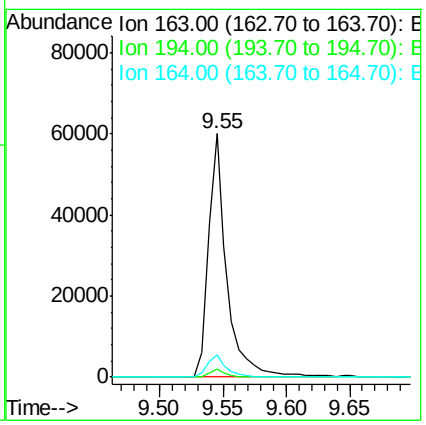


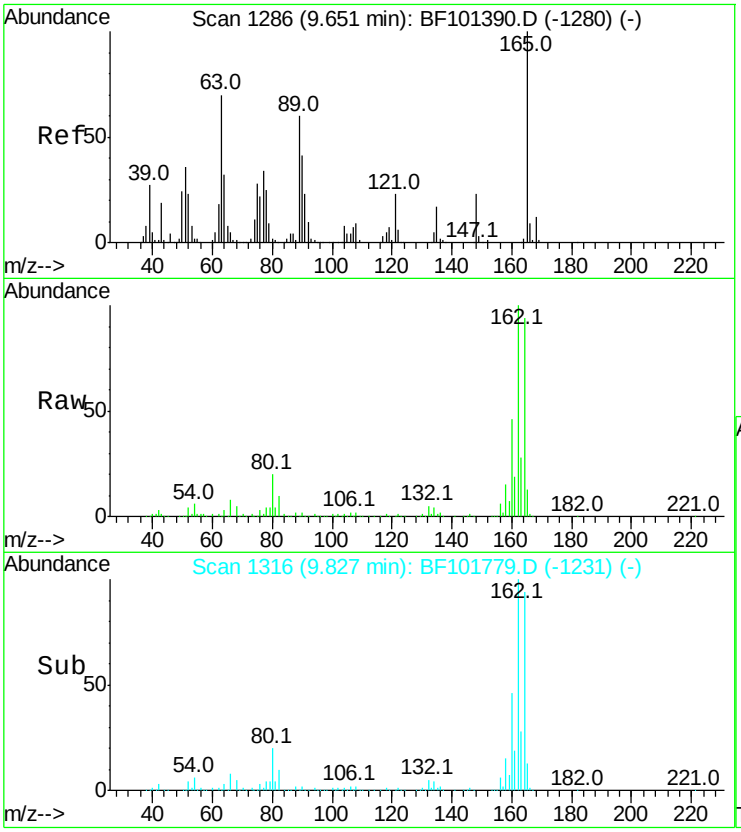


#49
Dimethylphthalate
Concen: 3.470 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:163 Resp: 60730

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.2	8.2	12.2



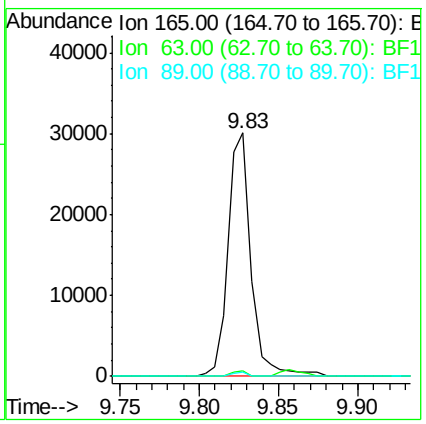


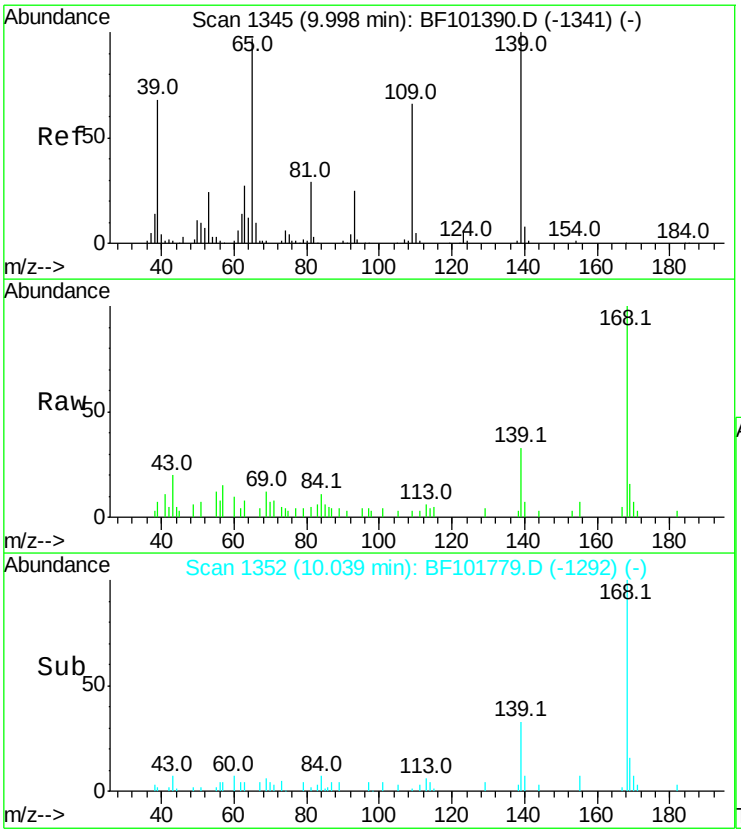
#50
2,6-Dinitrotoluene
Concen: 8.500 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30233

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.9	44.0	66.0#

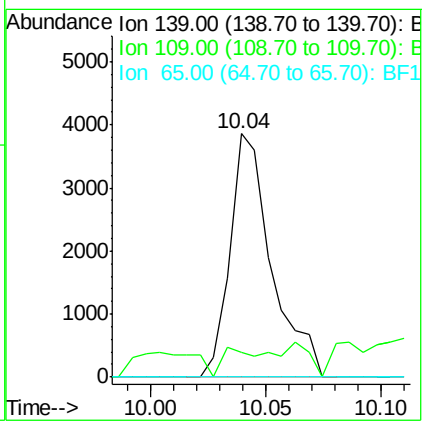


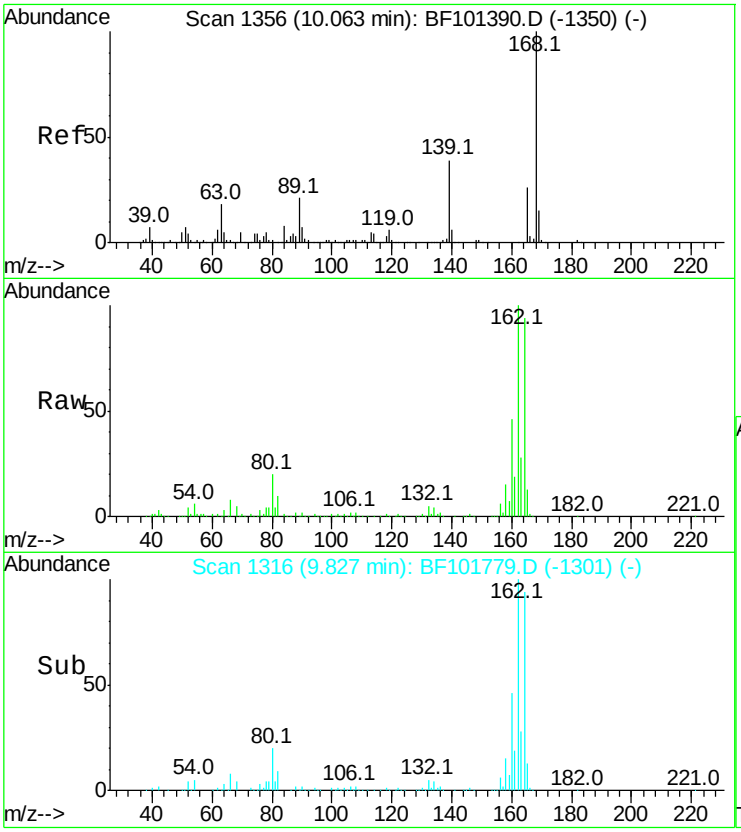


#55
4-Nitrophenol
Concen: 2.497 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:139 Resp: 4829

Ion	Ratio	Lower	Upper
139	100		
109	10.4	48.4	88.4#
65	0.0	72.6	112.6#



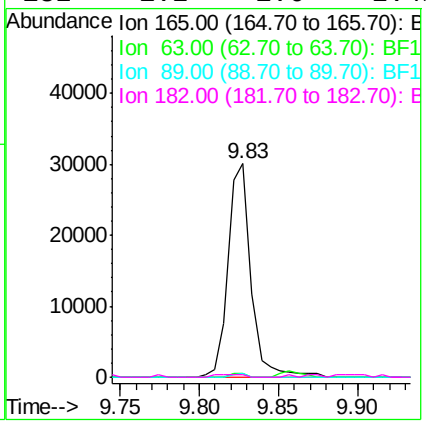


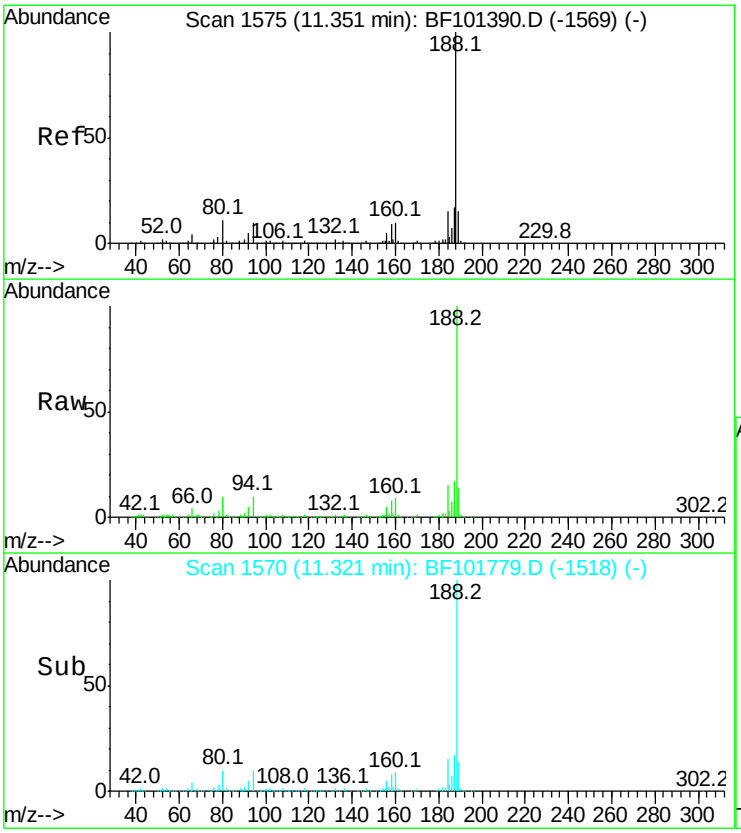
#56
2,4-Dinitrotoluene
Concen: 7.544 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30233

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.9	57.8	86.6#
182	1.2	1.6	2.4#

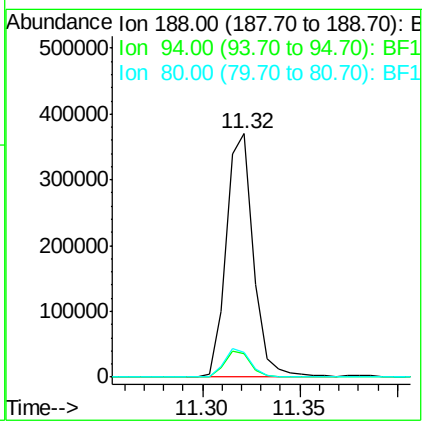


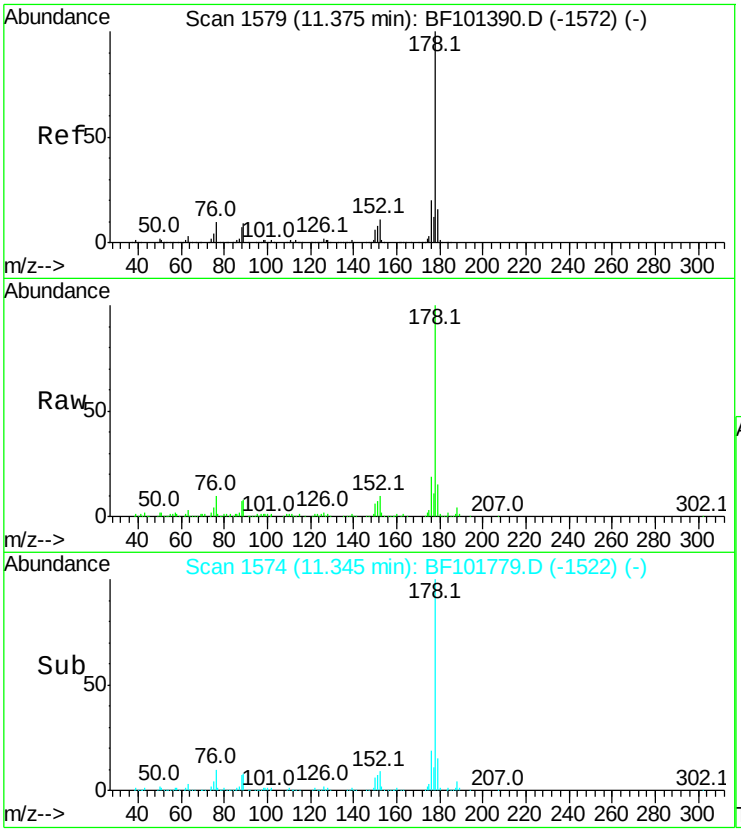


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:188 Resp: 357298

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8



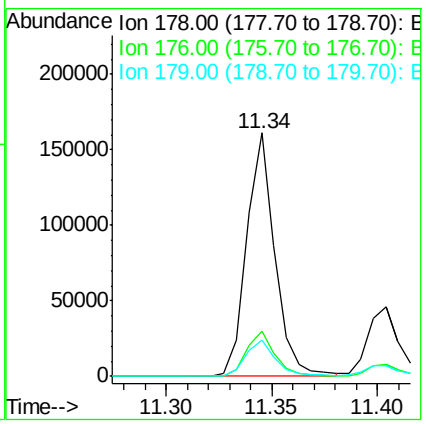


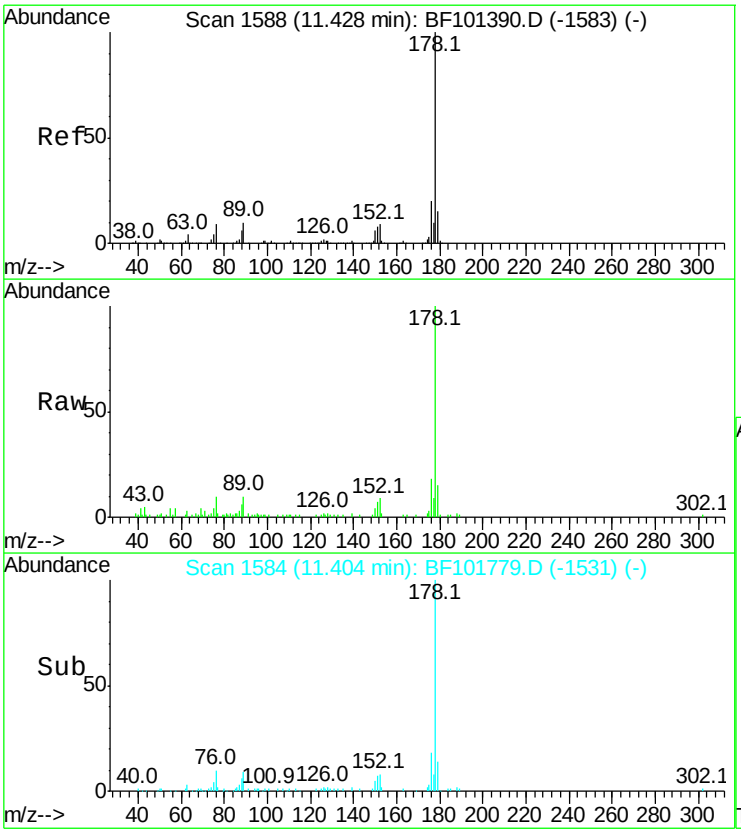
#70
Phenanthrene
Concen: 7.553 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 150077

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.8	13.0	19.6

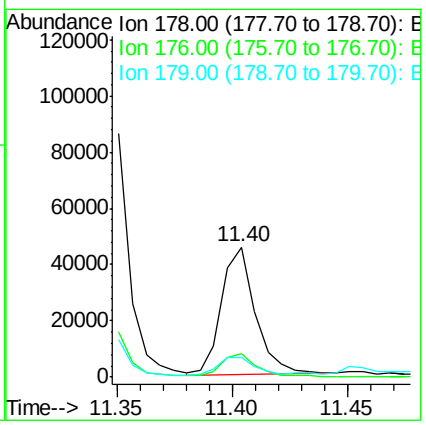


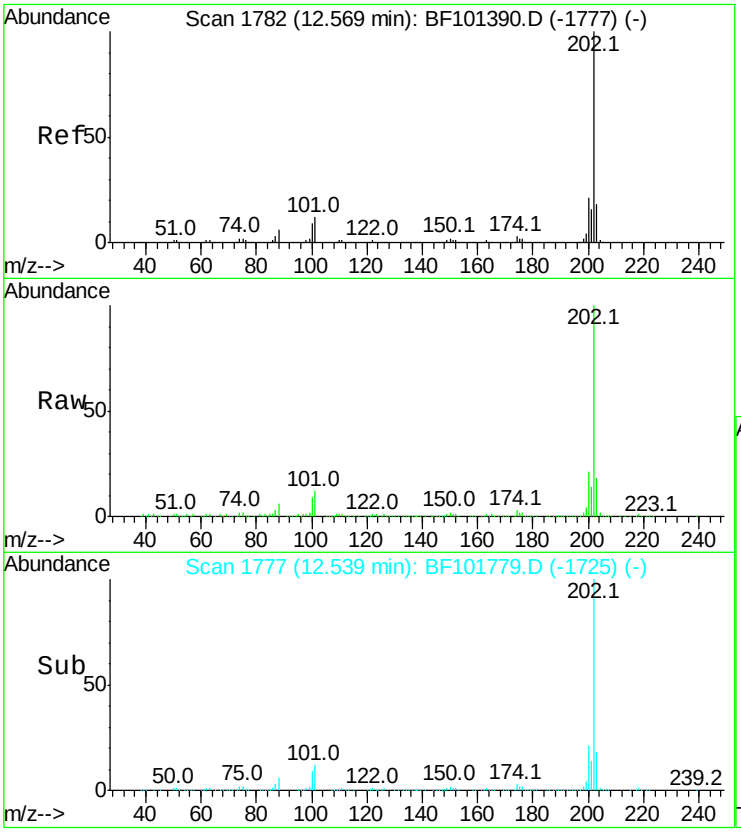


#71
Anthracene
Concen: 2.280 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:178 Resp: 46282

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	14.9	12.6	19.0



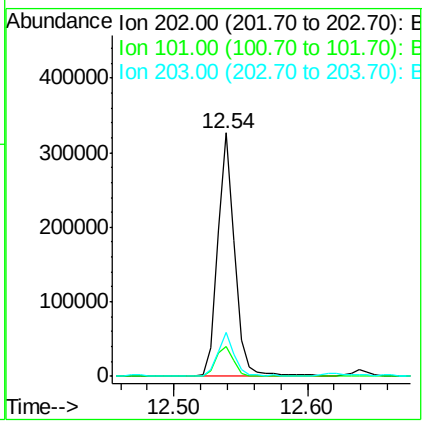


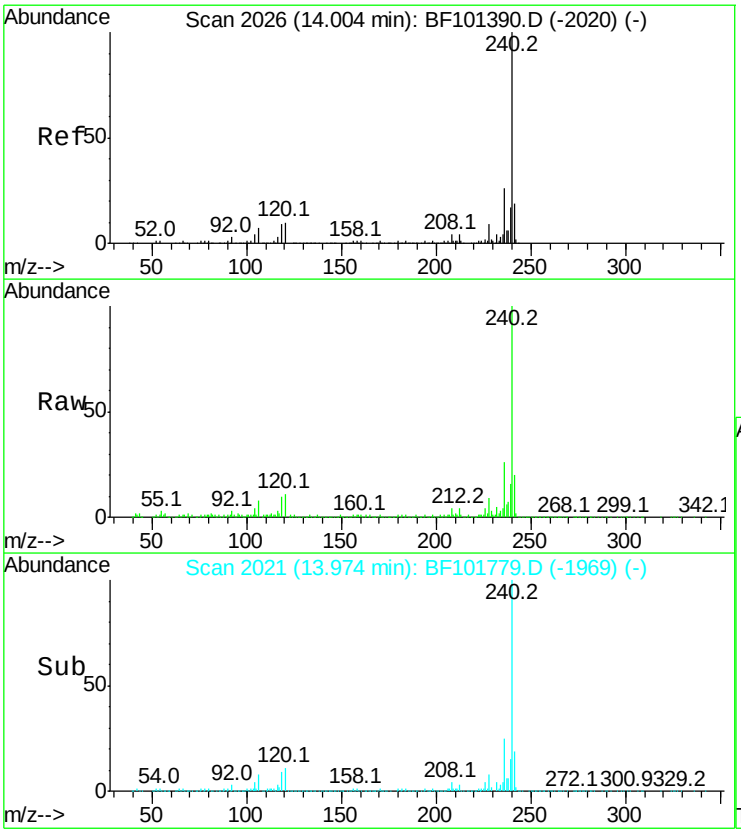
#74
Fluoranthene
Concen: 14.097 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 294012

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.0	0.0	38.1

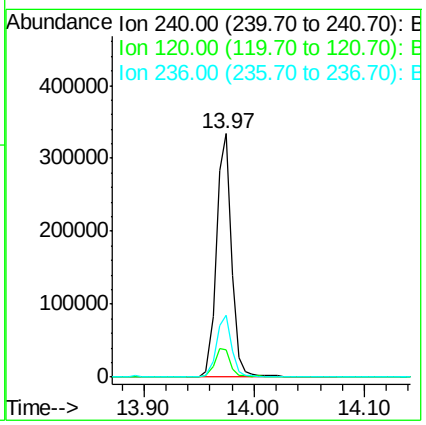


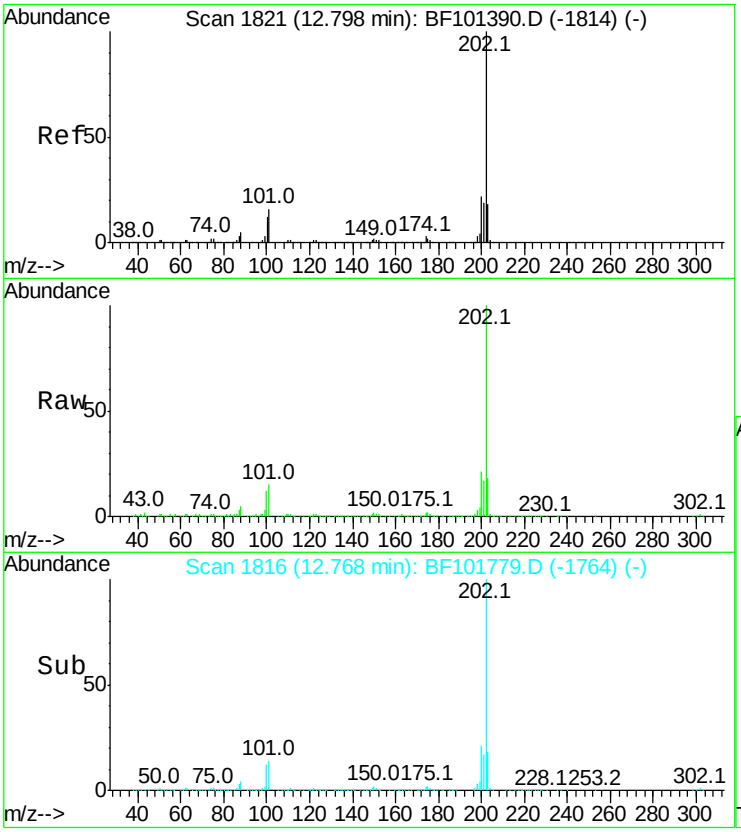


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:240 Resp: 315008

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.7	20.7	31.1



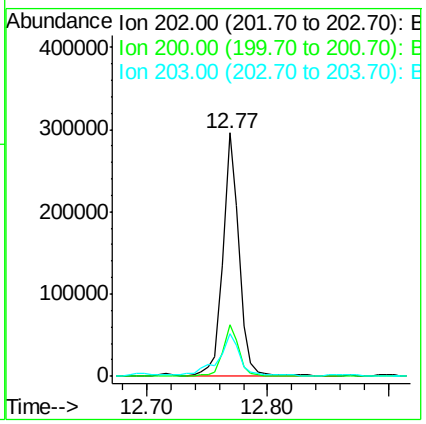


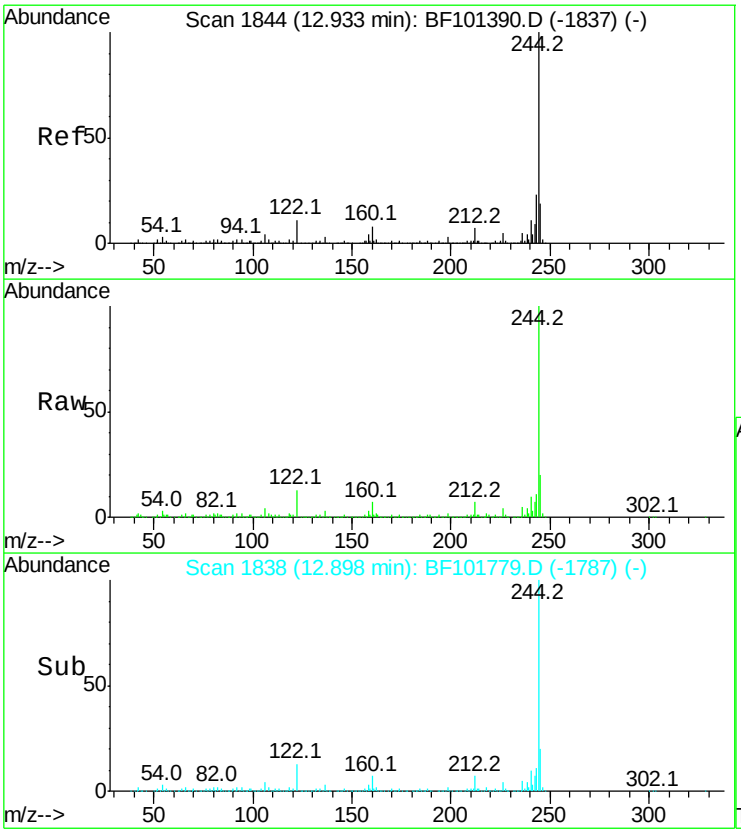
#77
Pyrene
Concen: 11.424 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 270087

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

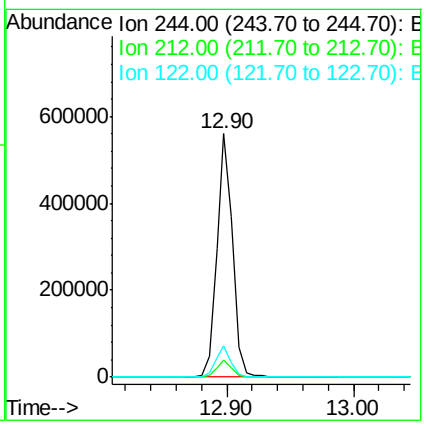


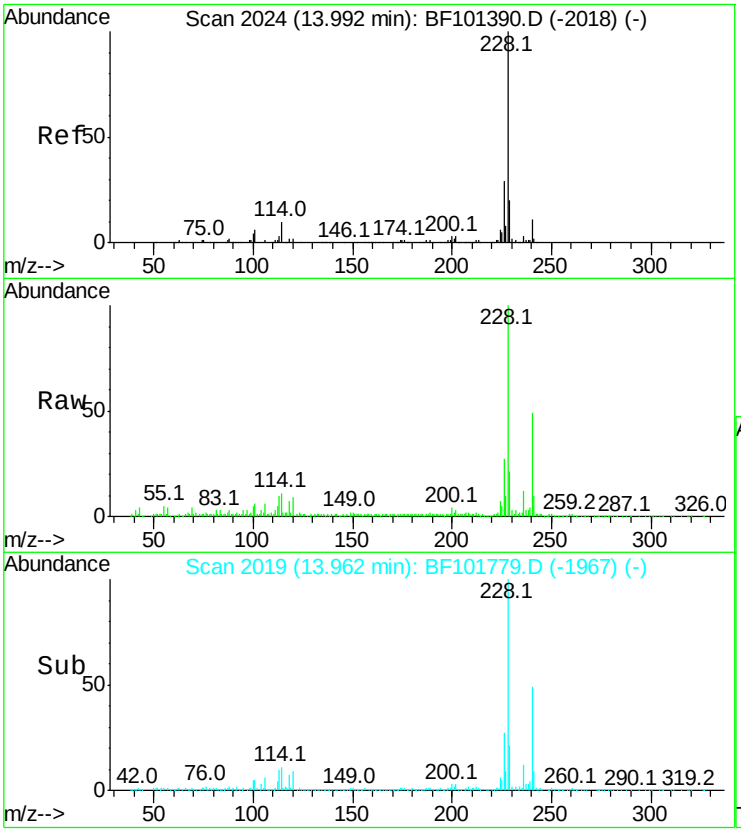


#78
Terphenyl-d14
Concen: 37.019 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:244 Resp: 483713

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	11.0	16.4



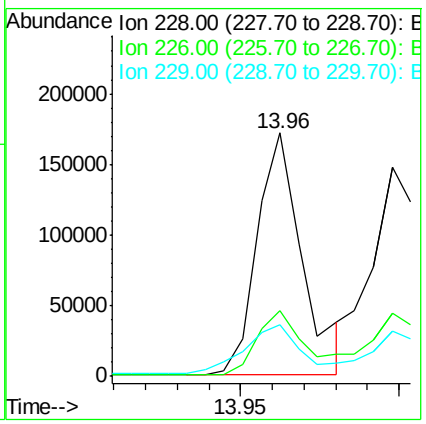


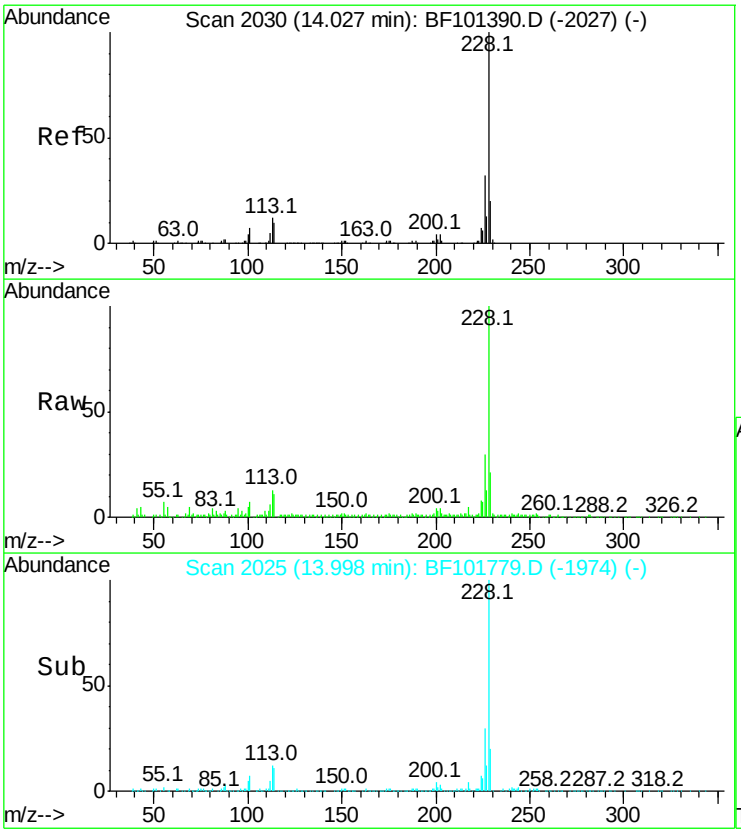
#80
Benzo(a)anthracene
Concen: 8.140 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 169316

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.1	15.8	23.6

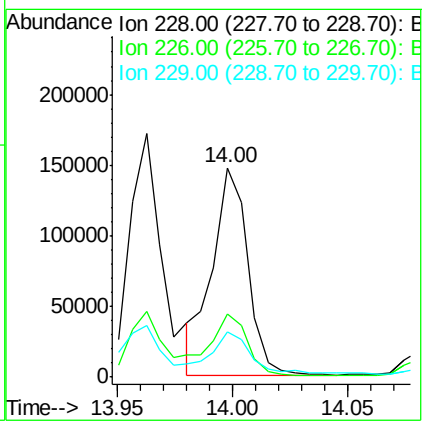


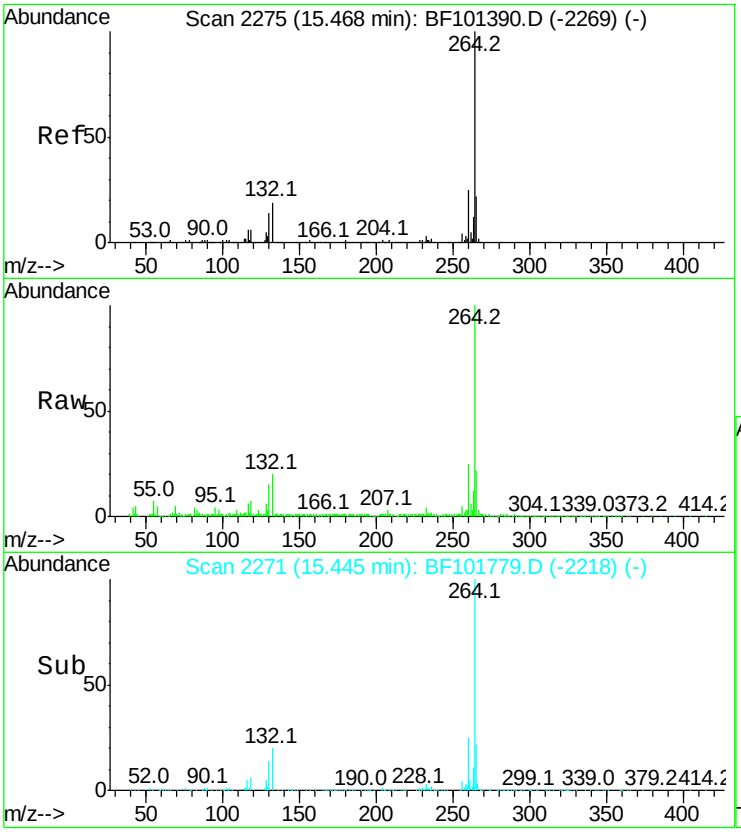


#82
Chrysene
Concen: 8.010 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:228 Resp: 157312

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.4	16.2	24.4



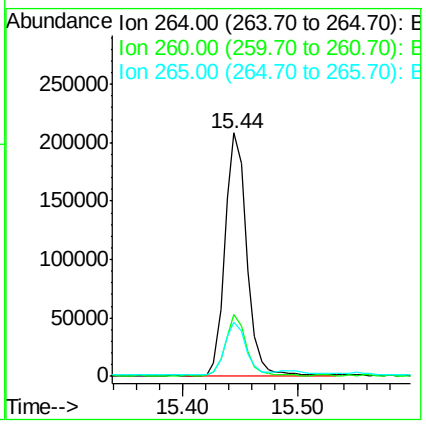


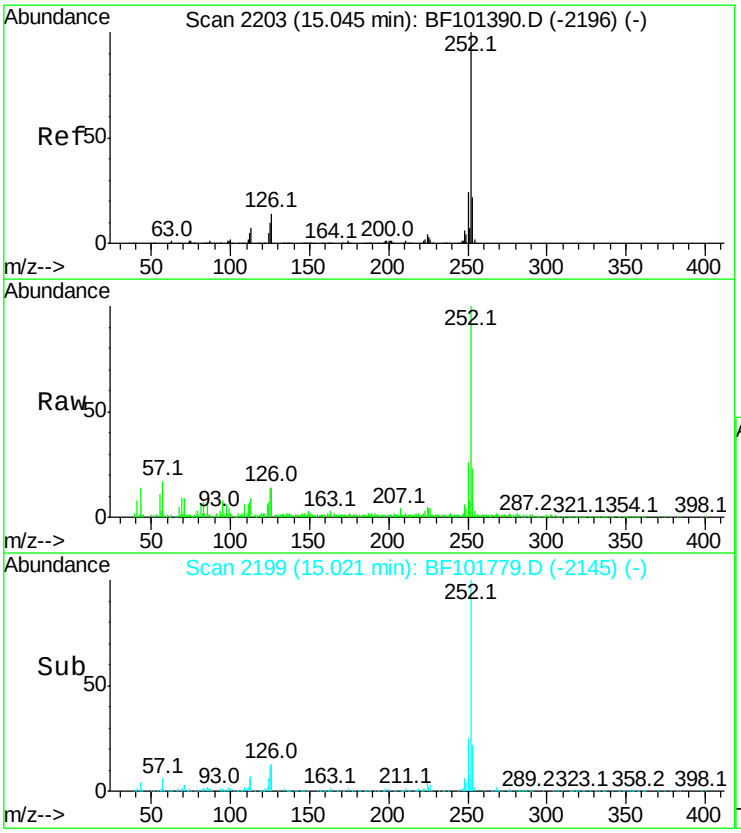
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 268164

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.5	17.5	26.3

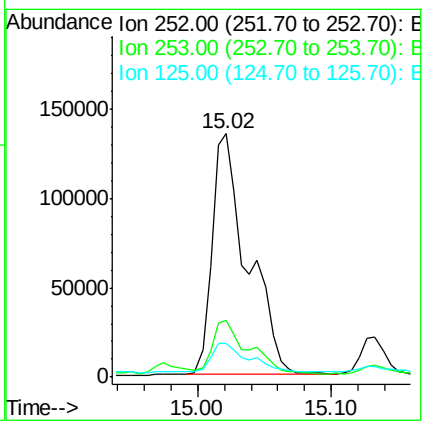


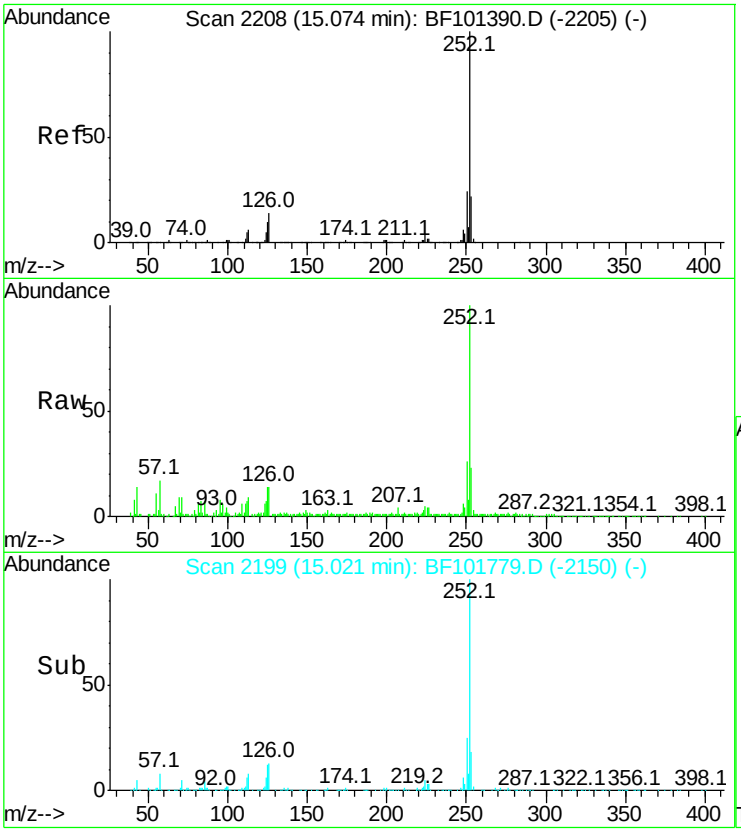


#87
Benzo(b)fluoranthene
Concen: 15.270 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:252 Resp: 249591

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.0	9.0	13.6#



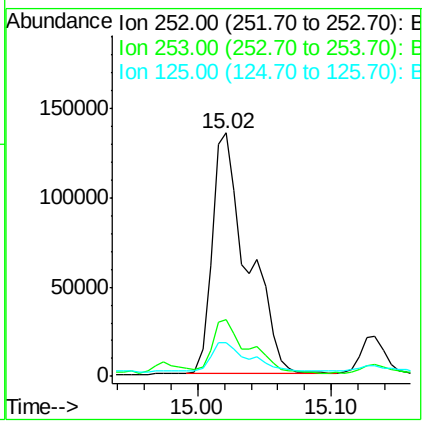


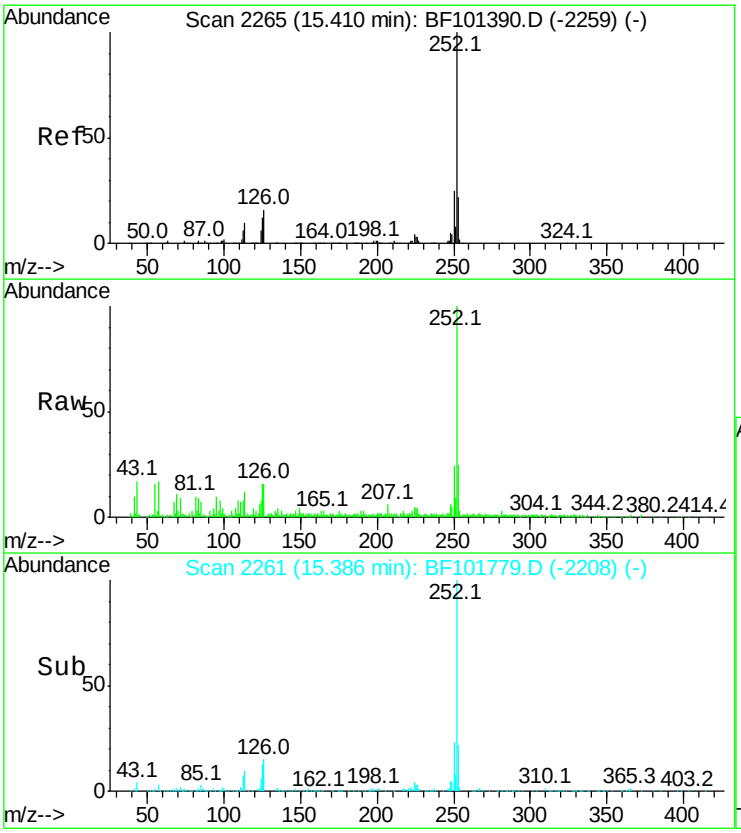
#88
Benzo(k)fluoranthene
Concen: 15.705 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 249591

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.0	10.2	15.2

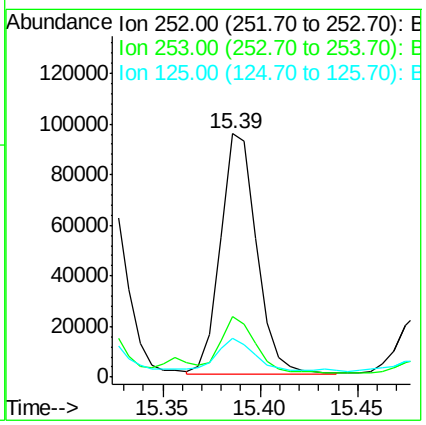


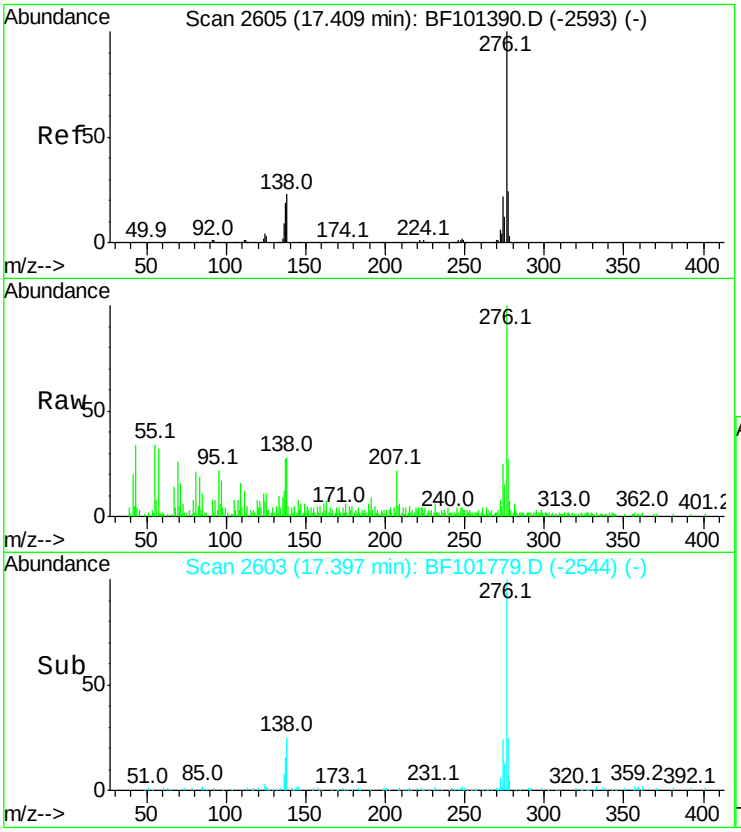


#89
Benzo(a)pyrene
Concen: 8.085 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Tgt Ion:252 Resp: 121818

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	15.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.031 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.05 min
Lab File: BF101779.D
Acq: 27 Dec 2017 22:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 64454

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	27.7	21.8	32.8