Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
Data File : BF101802.D
Acq On : 28 Dec 2017 15:10
Operator : SJ/JU
Sample : I6970-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 28 16:24:50 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	6.78	152	168123	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	640650	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	258267	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	399507	20.00	ng		0.00
75) Chrysene-d12	13.97	240	311168	20.00	ng		0.00
86) Perylene-d12	15.43	264	288180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1085606	96.19	ng		0.00
7) Phenol-d6	6.43	99	1352830	96.31	ng		0.00
23) Nitrobenzene-d5	7.36	82	848870	73.76	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	138994	55.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1318941	79.22	ng		0.00
78) Terphenyl-d14	12.89	244	926909	71.81	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	63312	3.955	ng	#	78
19) n-Nitroso-di-n-propylamine	7.36	70	112112	12.153	ng	#	82
25) Isophorone	7.36	82	848870	36.767	ng	#	64
49) Dimethylphthalate	9.54	163	72342	3.482	ng		99
50) 2,6-Dinitrotoluene	9.82	165	32957	7.806	ng	#	27
56) 2,4-Dinitrotoluene	9.82	165	32957	6.928	ng	#	24
70) Phenanthrene	11.34	178	167437	7.536	ng		98
71) Anthracene	11.39	178	57550	2.536	ng		97
74) Fluoranthene	12.53	202	235123	10.082	ng		97
77) Pyrene	12.76	202	279479	11.968	ng		99
80) Benzo(a)anthracene	13.96	228	130818	6.367	ng		98
82) Chrysene	13.99	228	107864	5.560	ng		97
87) Benzo(b)fluoranthene	15.02	252	155587	8.858	ng	#	96
88) Benzo(k)fluoranthene	15.02	252	155587	9.110	ng		98
89) Benzo(a)pyrene	15.38	252	84937	5.245	ng	#	93
91) Benzo(g,h,i)perylene	17.38	276	42924	3.118	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
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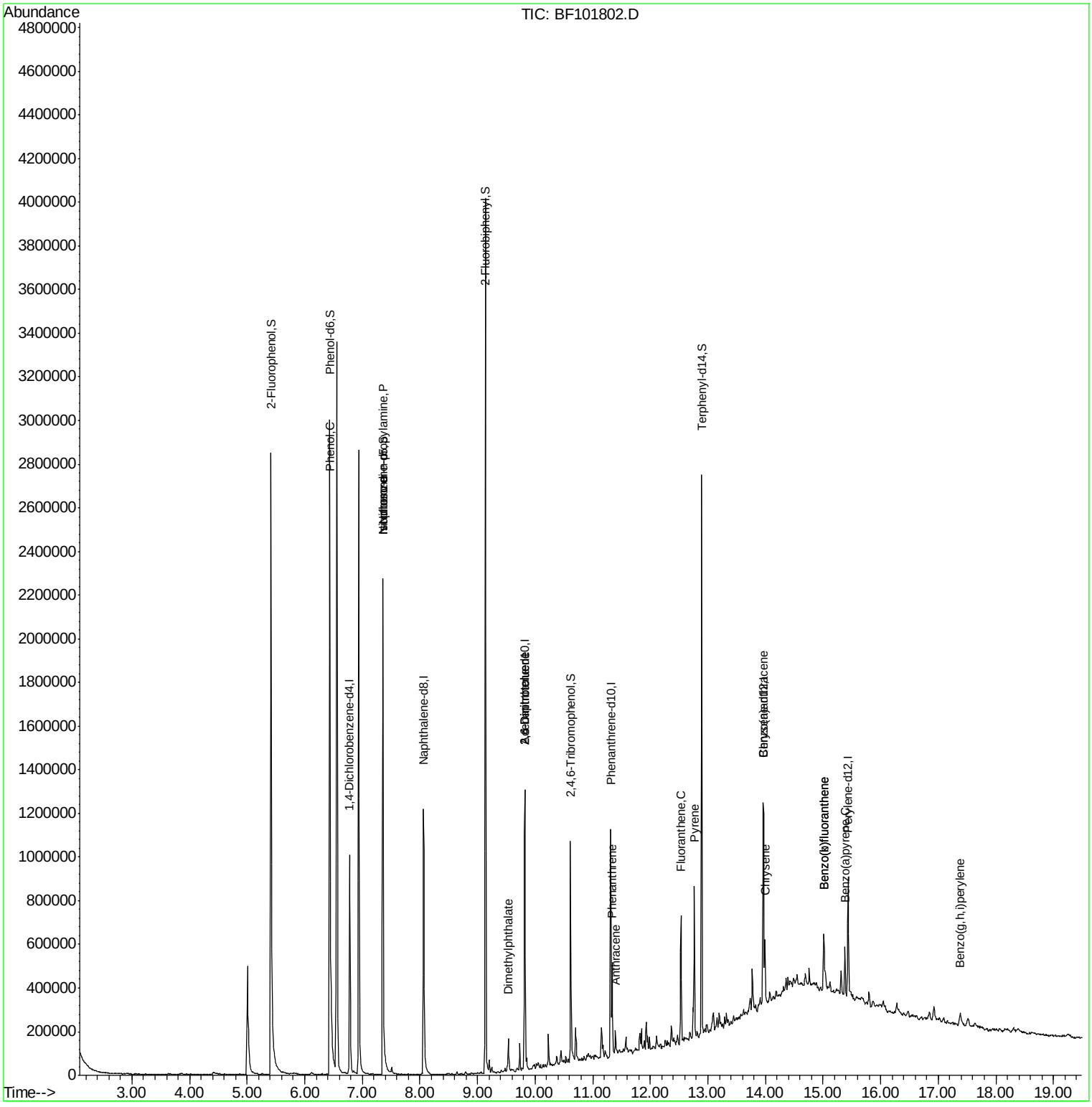
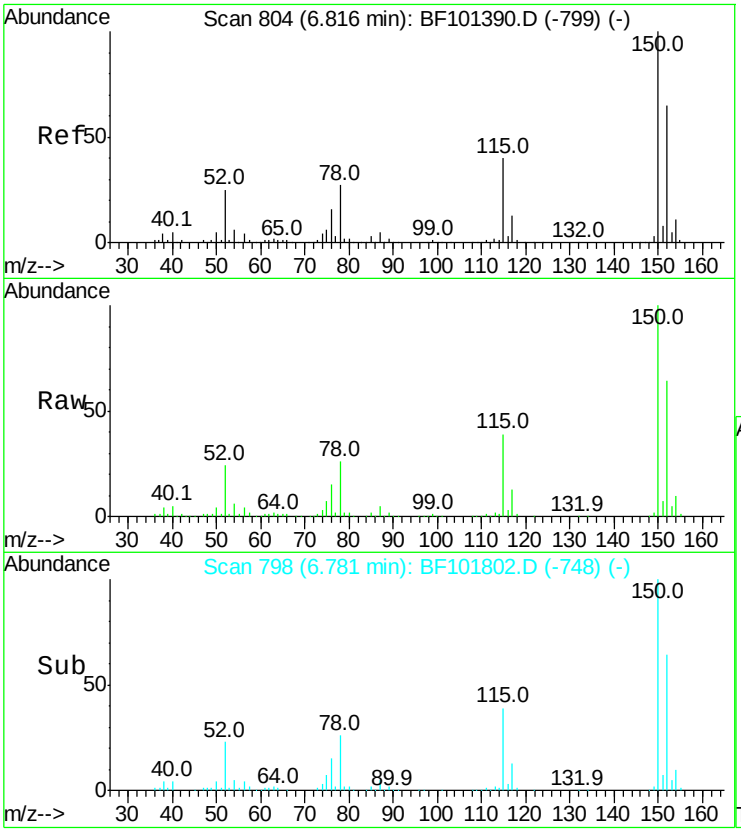
Quant Time: Dec 28 16:24:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

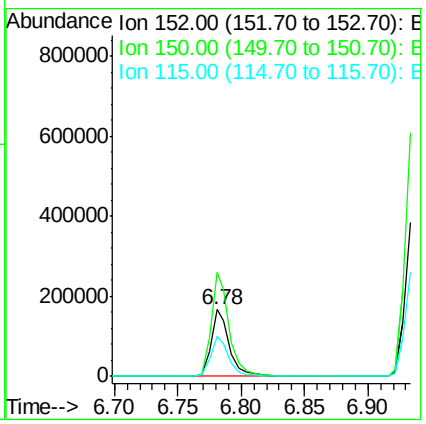




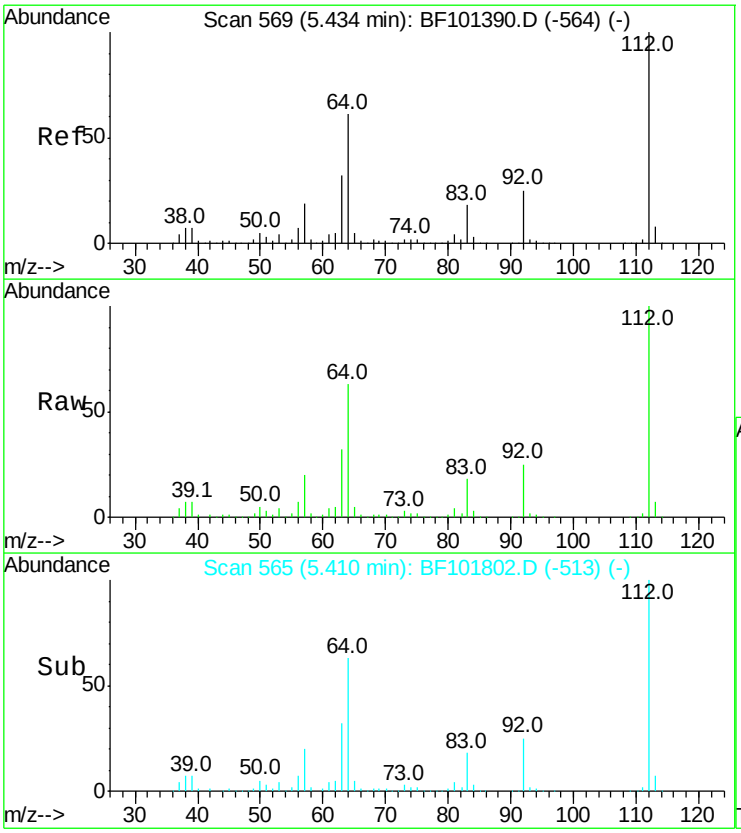
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:152 Resp: 168123

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	60.7	50.1	75.1



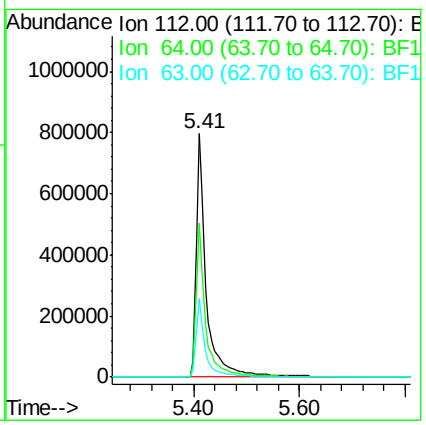
Instrument :
BNA_F
ClientSampleId :

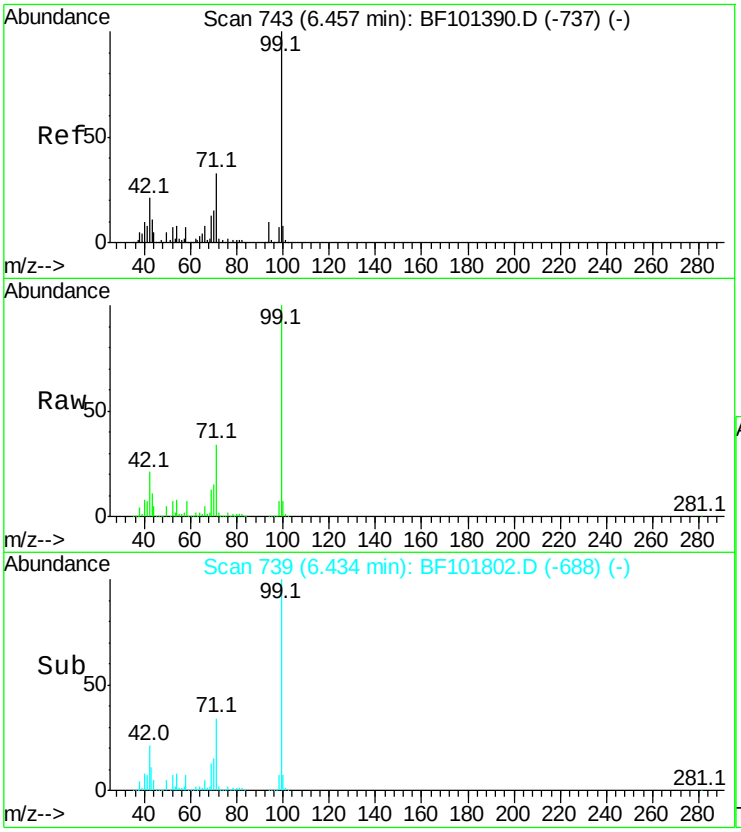


#5
2-Fluorophenol
Concen: 96.185 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:112 Resp: 1085606

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.1	23.7	35.5



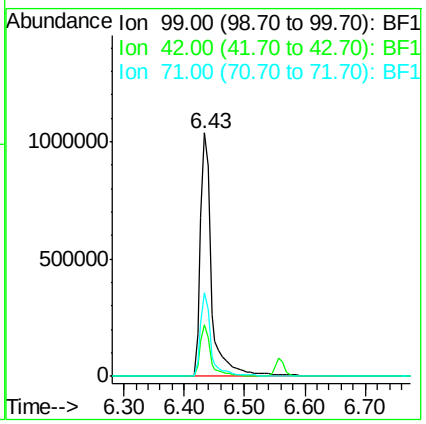


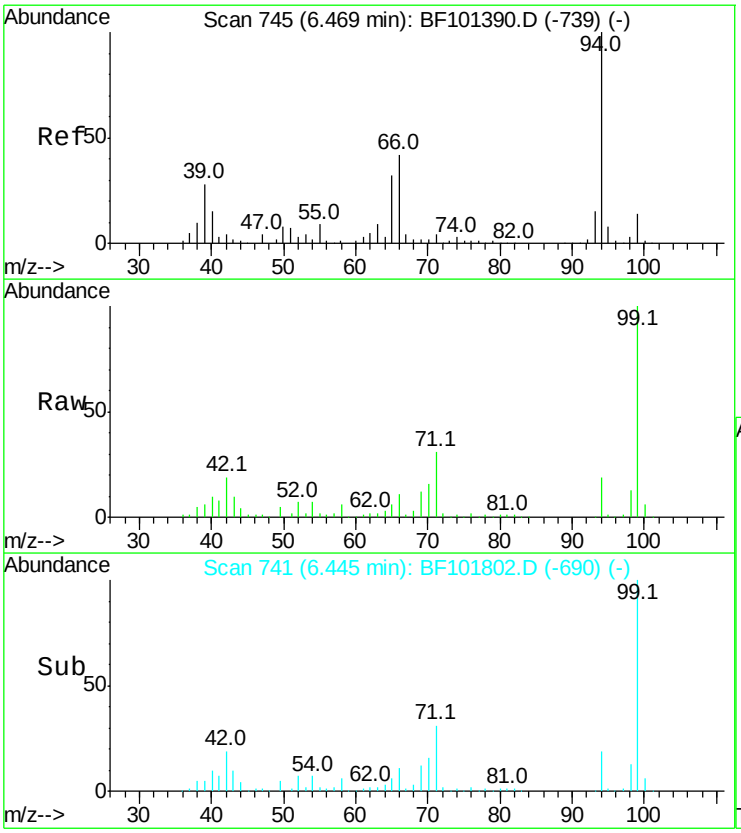
#7
Phenol-d6
Concen: 96.310 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1352830

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	34.1	25.4	38.0

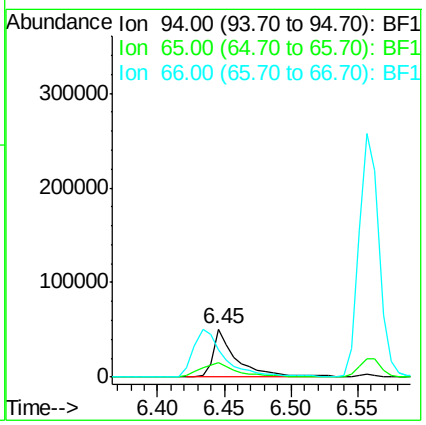


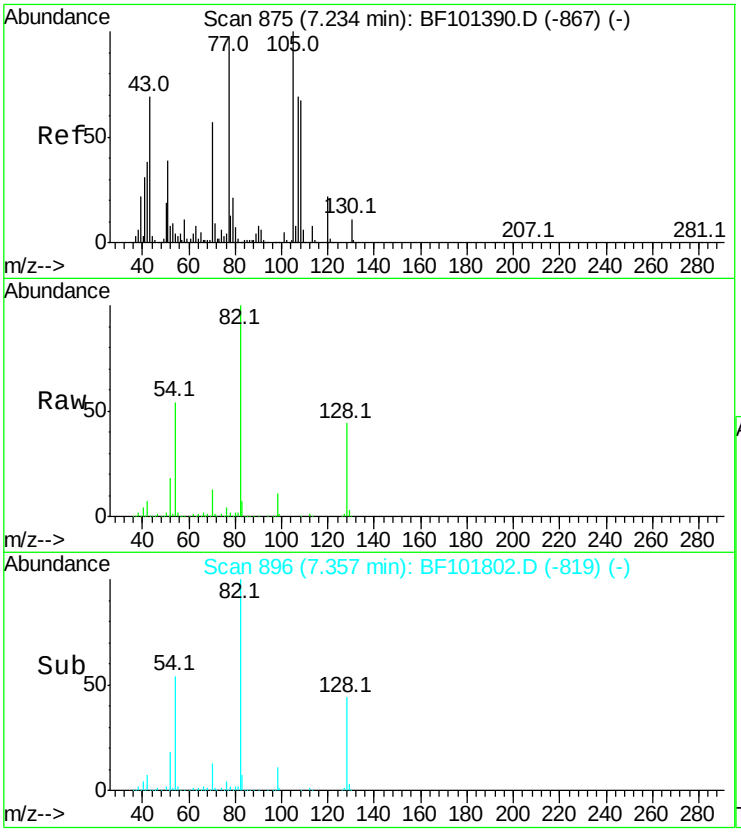


#10
Phenol
Concen: 3.955 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion: 94 Resp: 63312

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	57.3	16.2	56.2#



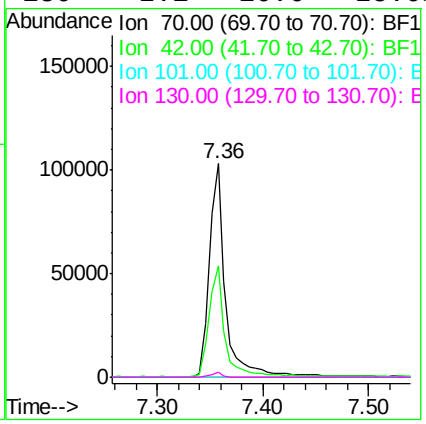


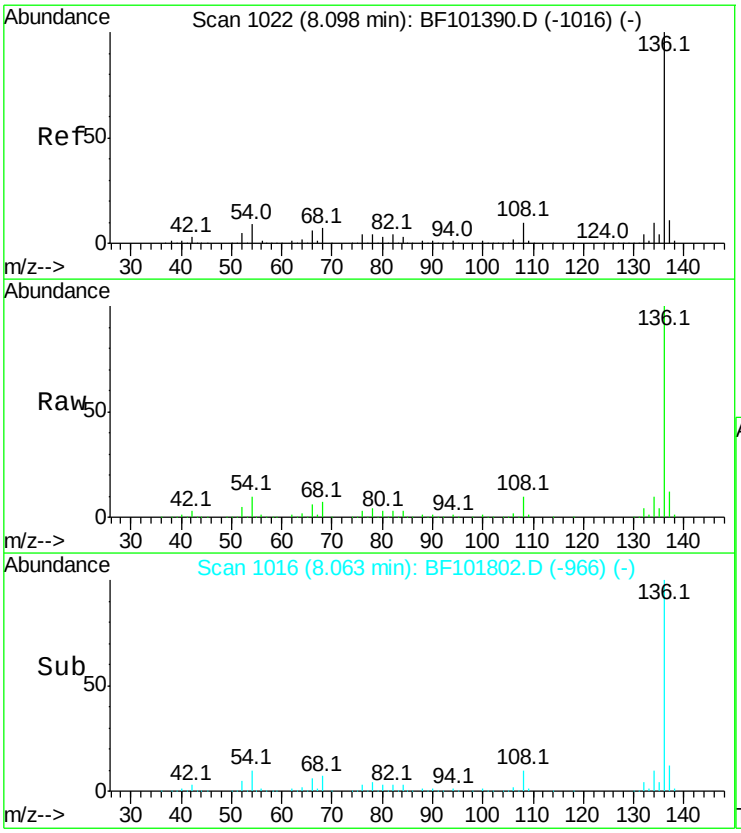
#19
n-Nitroso-di-n-propylamine
Concen: 12.153 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 112112

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

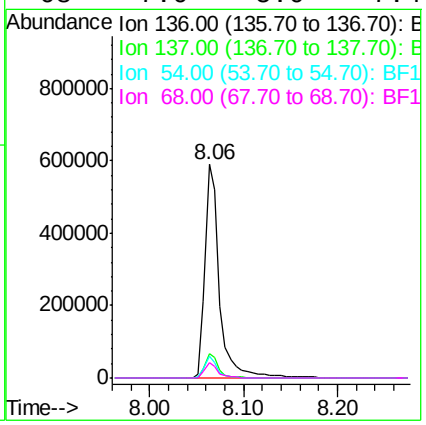


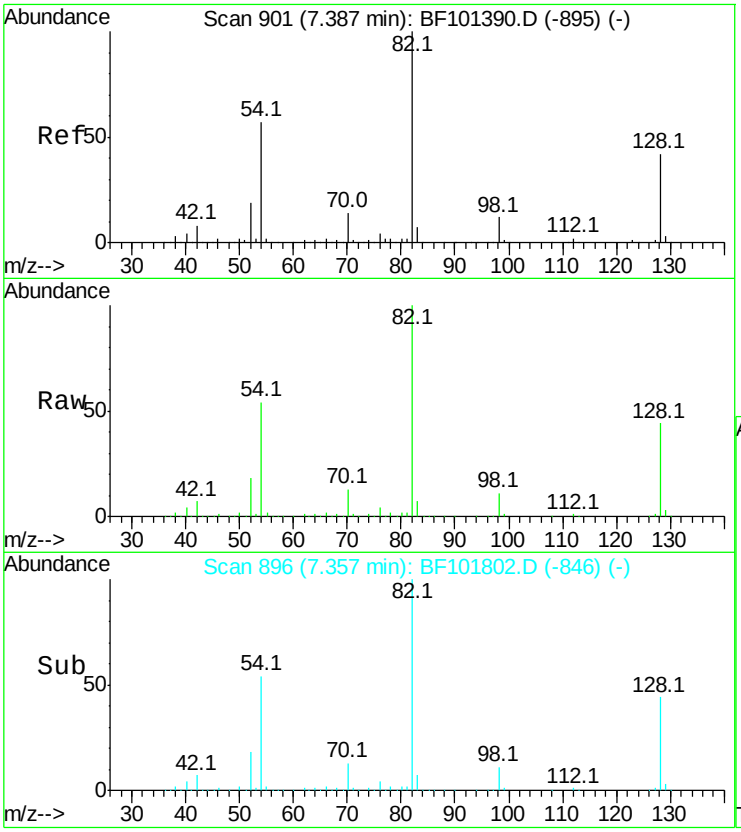


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:136 Resp: 640650

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.0	6.6	9.8#
68	7.0	5.0	7.4



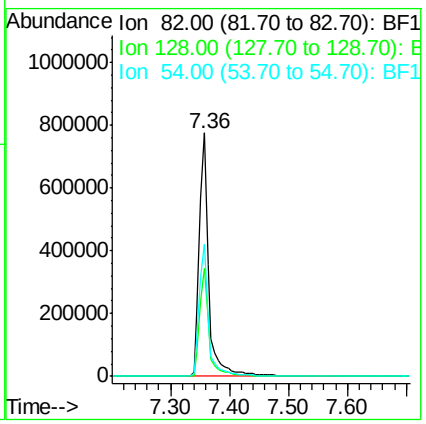


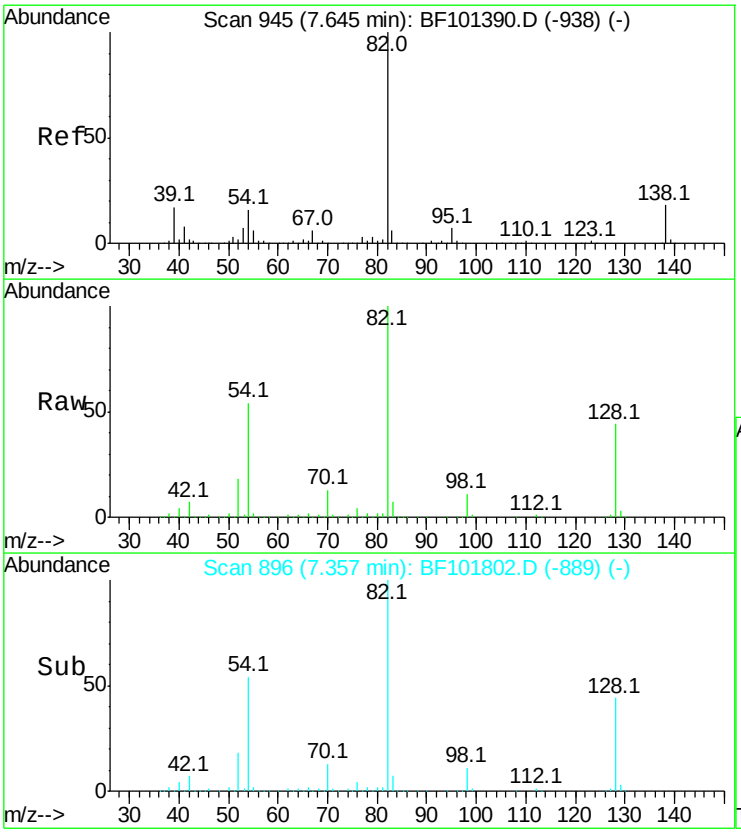
#23
Nitrobenzene-d5
Concen: 73.758 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 848870

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.1	41.4	62.2

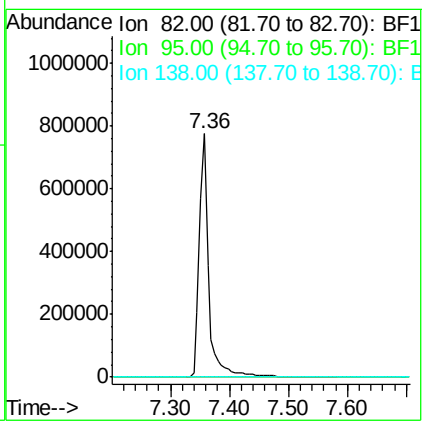


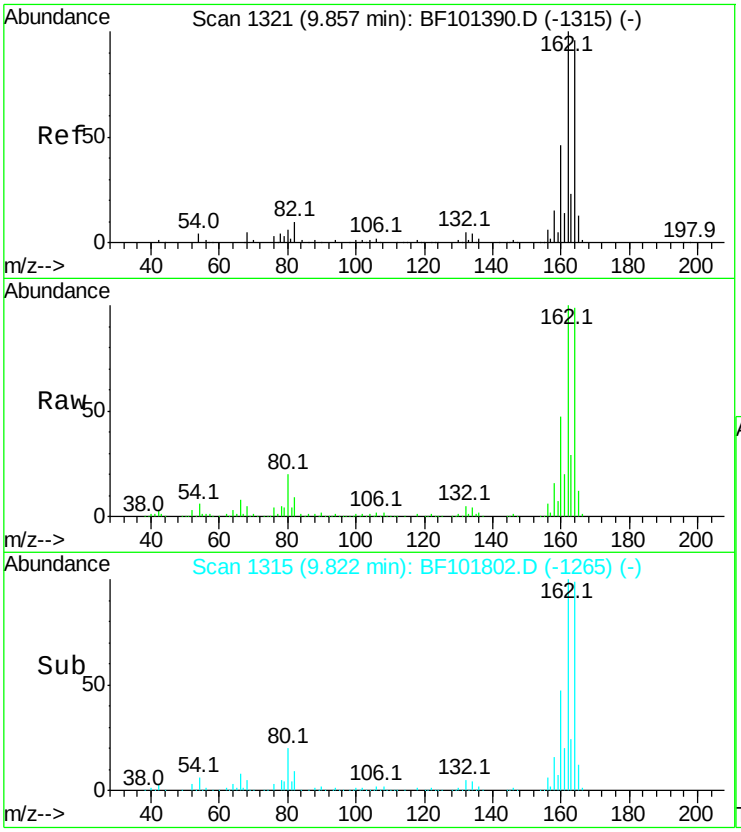


#25
Isophorone
Concen: 36.767 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion: 82 Resp: 848870

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



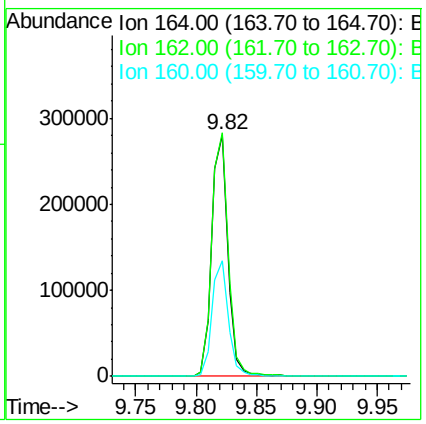


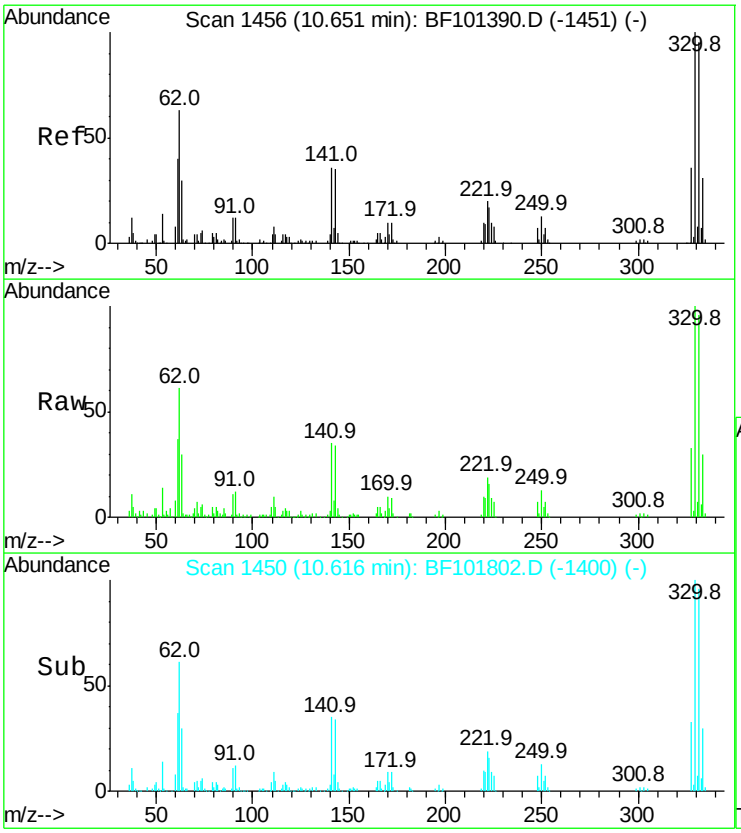
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 258267

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	47.7	38.3	57.5

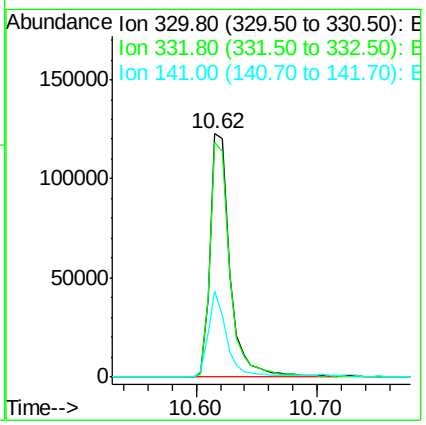


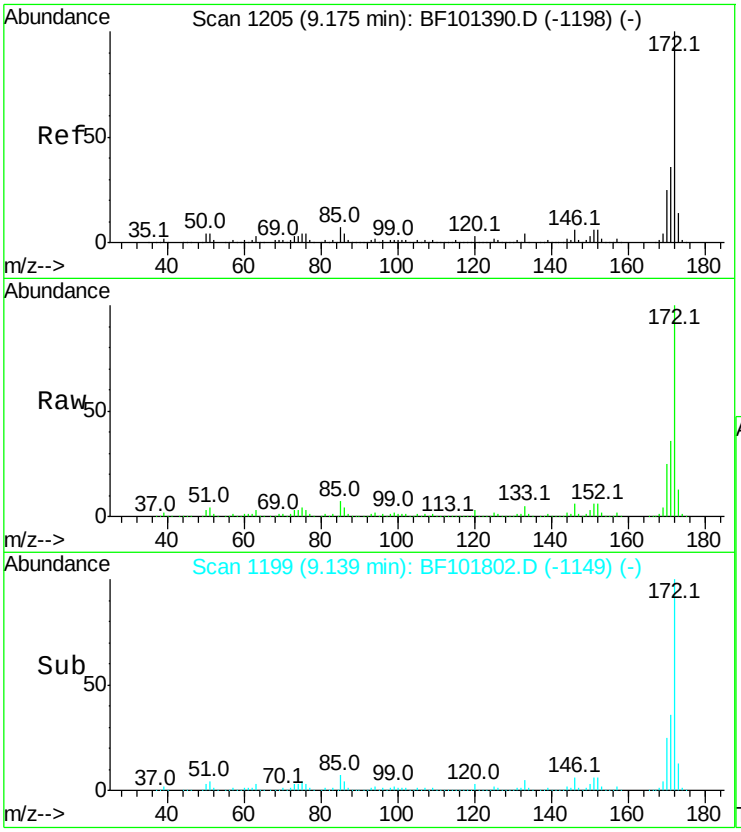


#41
2,4,6-Tribromophenol
Concen: 55.852 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:330 Resp: 138994

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.2	29.9	44.9



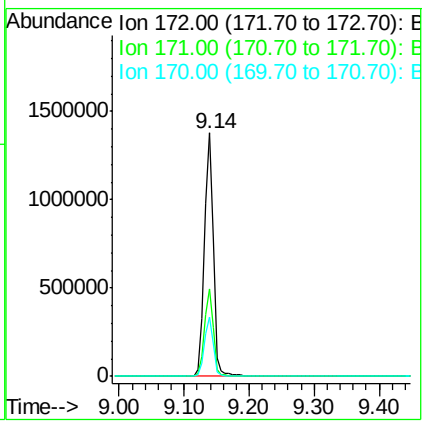


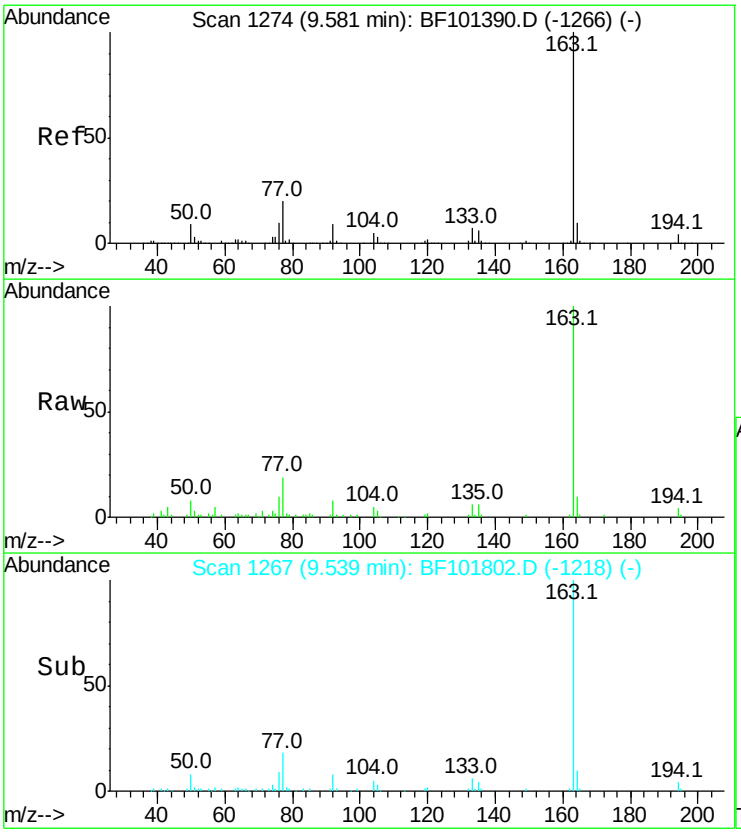
#44
2-Fluorobiphenyl
Concen: 79.220 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1318941

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

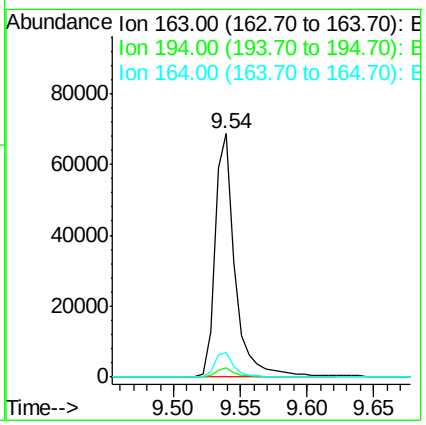


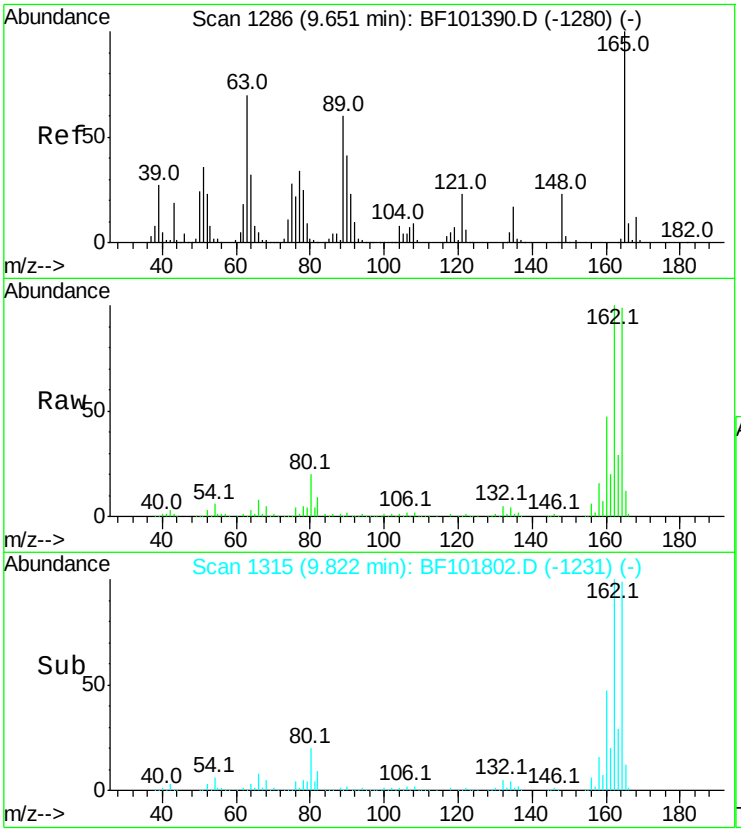


#49
Dimethylphthalate
Concen: 3.482 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:163 Resp: 72342

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2



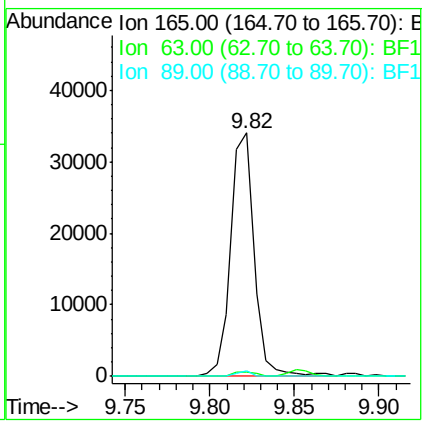


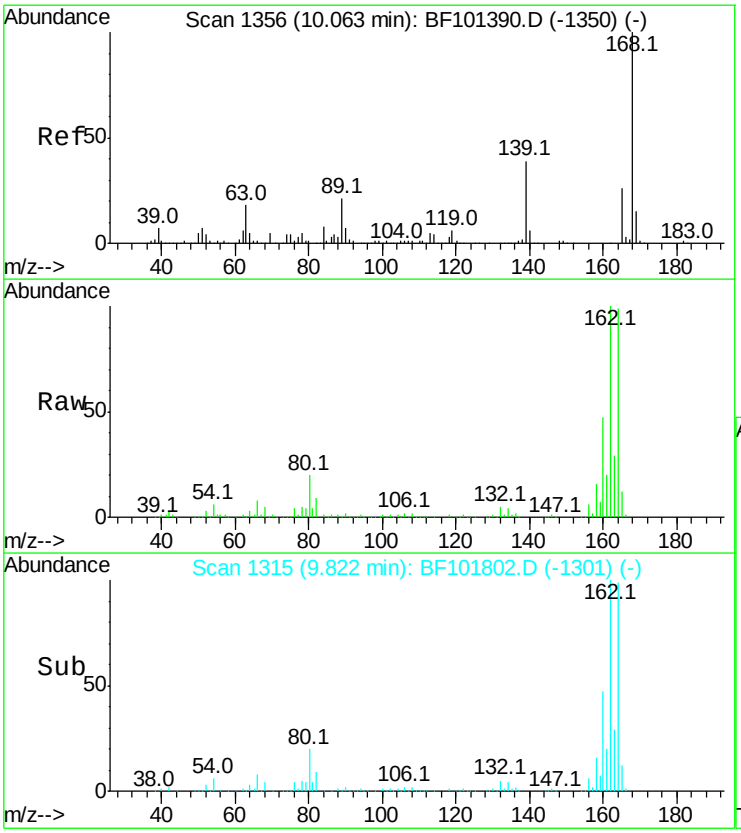
#50
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32957

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.4	44.0	66.0#

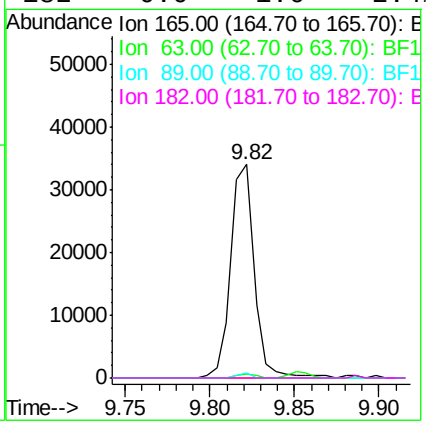


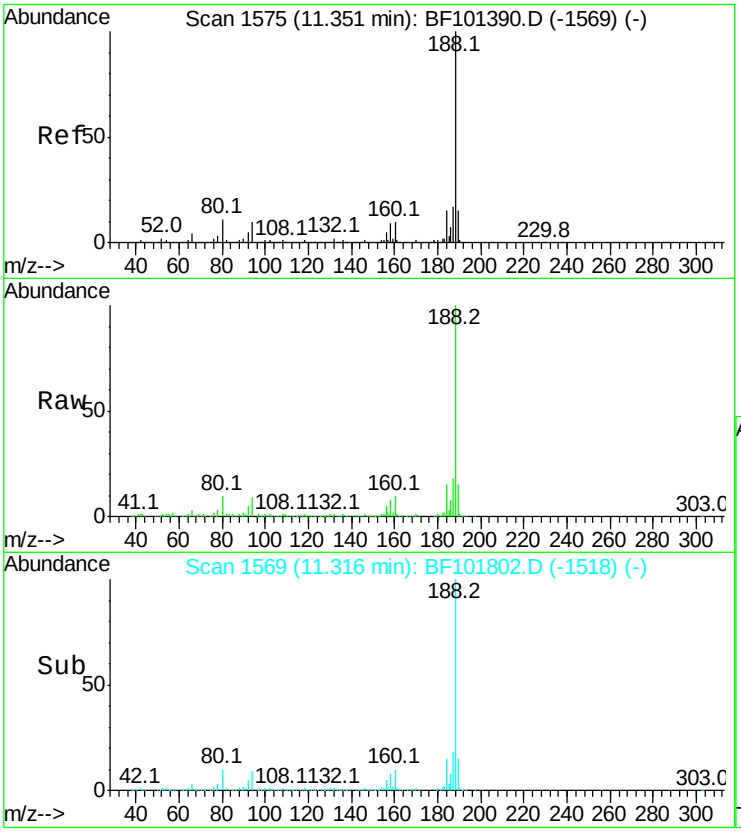


#56
2,4-Dinitrotoluene
Concen: 6.928 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:165 Resp: 32957

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



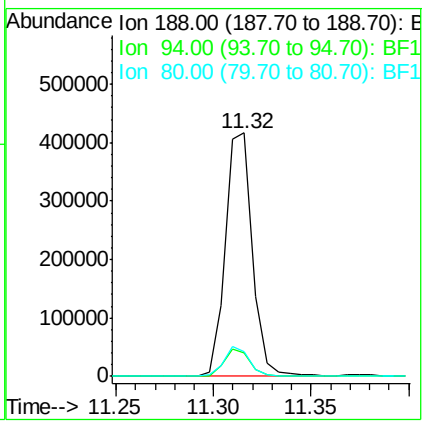


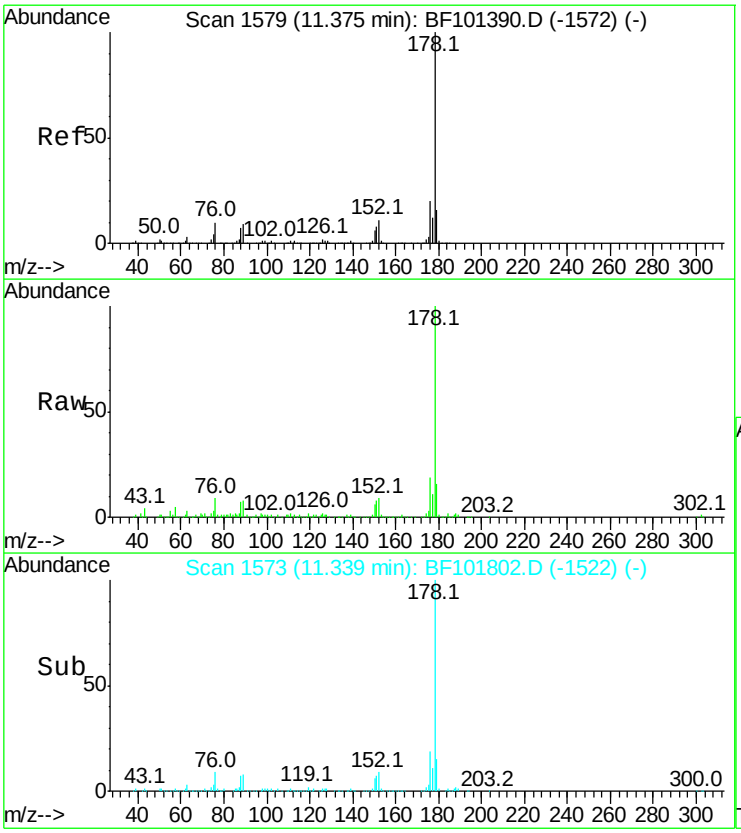
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 399507

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

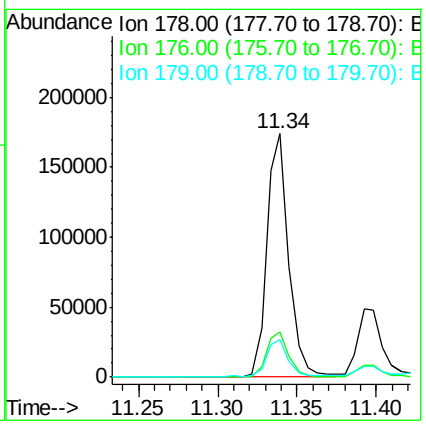


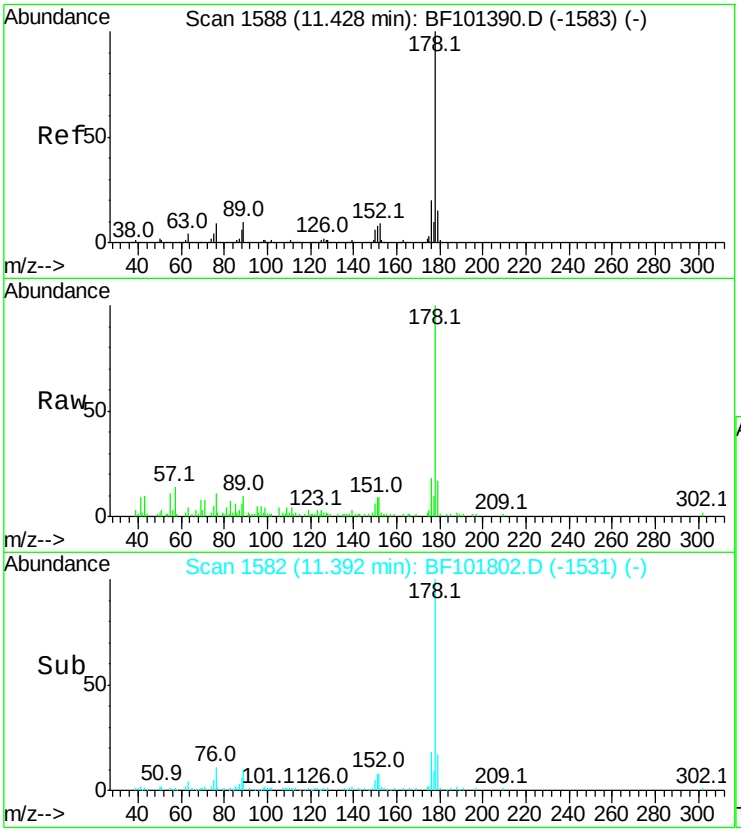


#70
Phenanthrene
Concen: 7.536 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:178 Resp: 167437

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.6	13.0	19.6



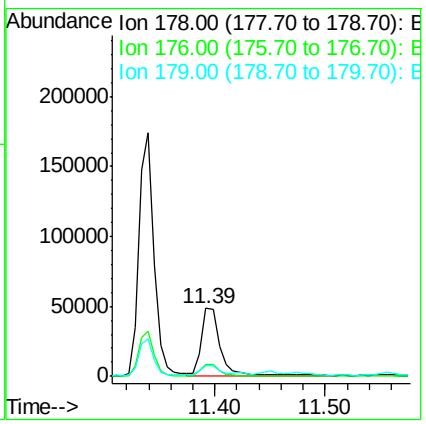


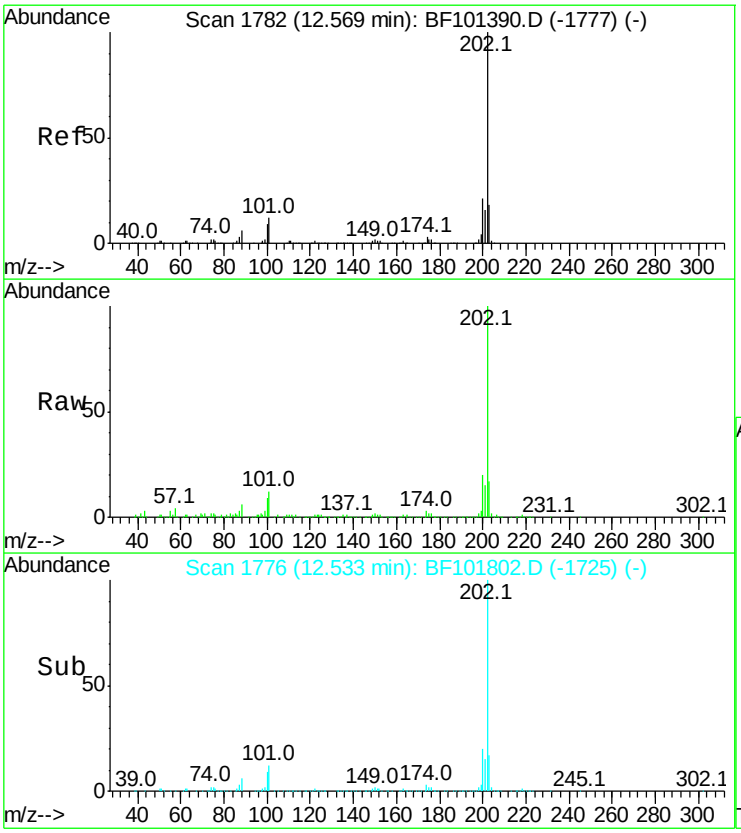
#71
Anthracene
Concen: 2.536 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 57550

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.6	12.6	19.0

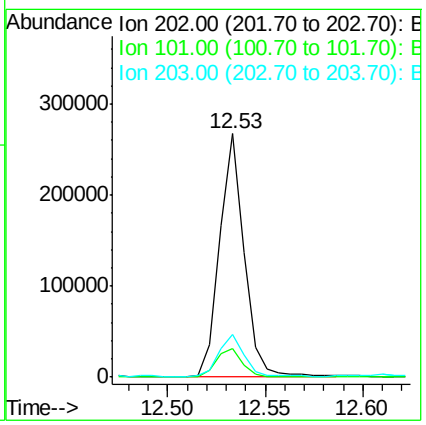


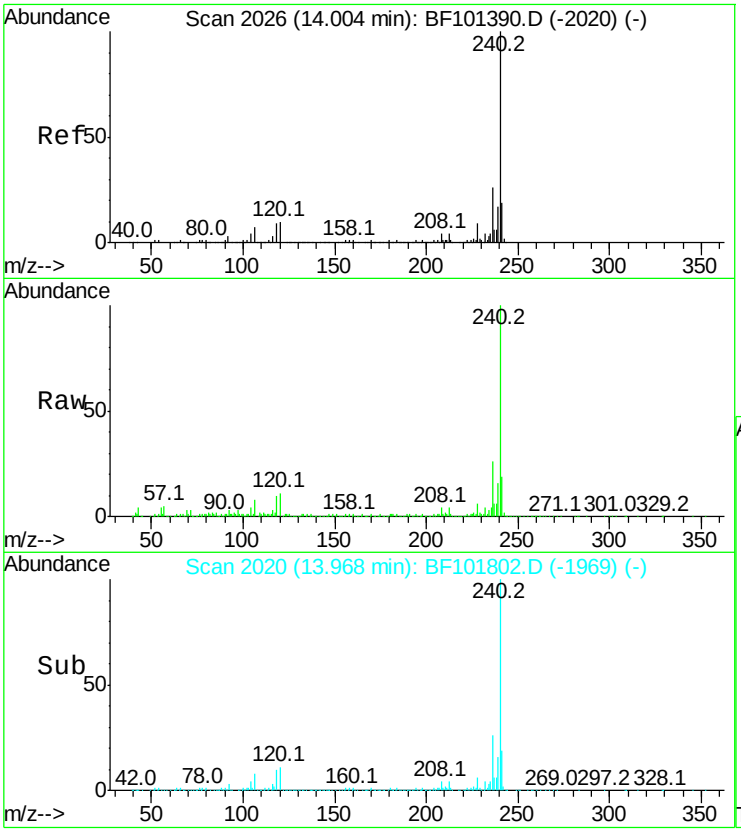


#74
Fluoranthene
Concen: 10.082 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:202 Resp: 235123

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.4	0.0	38.1



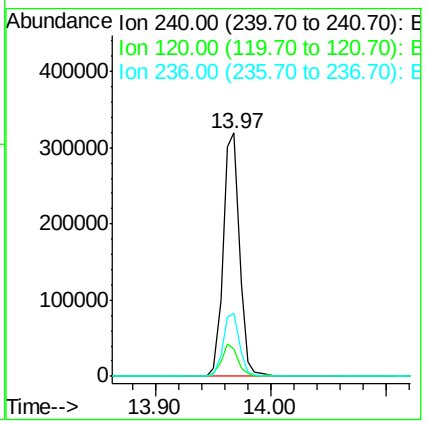


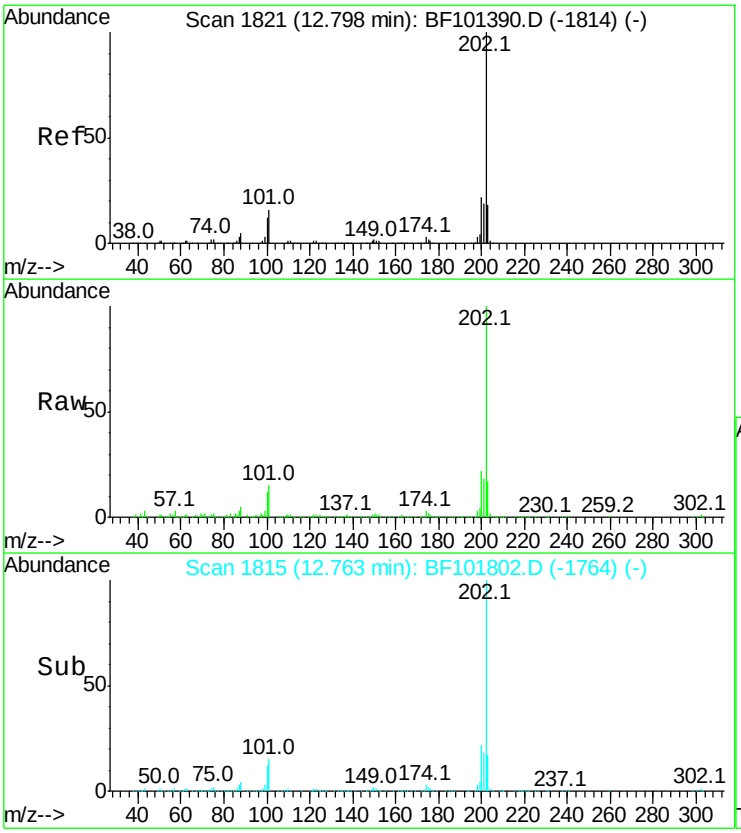
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 311168

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.8	20.7	31.1

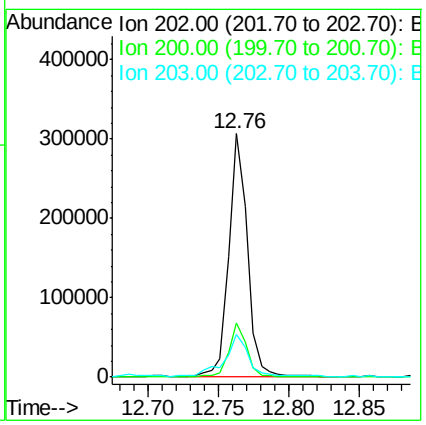


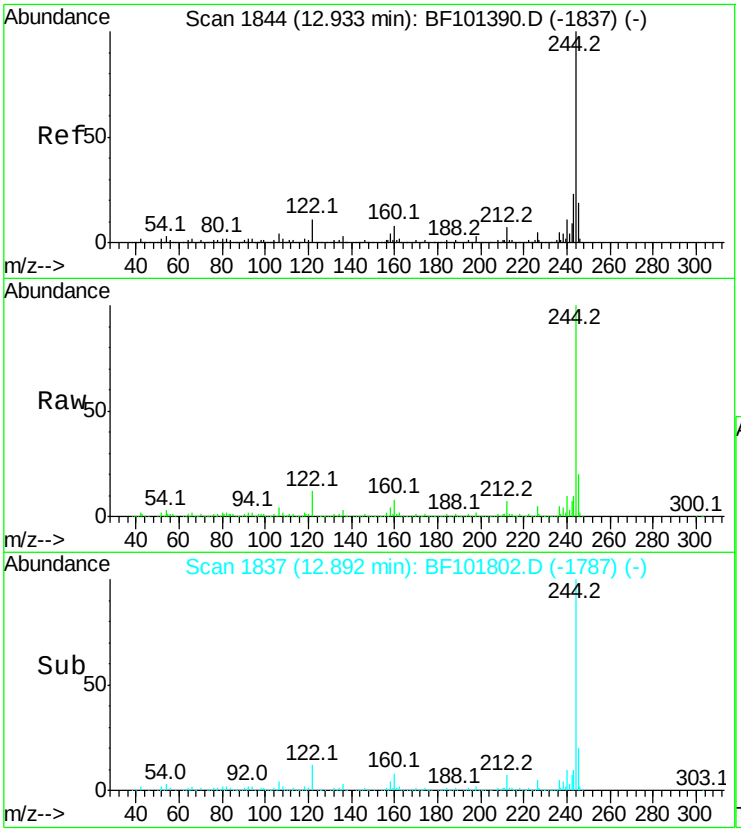


#77
Pyrene
Concen: 11.968 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:202 Resp: 279479

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.5	14.3	21.5



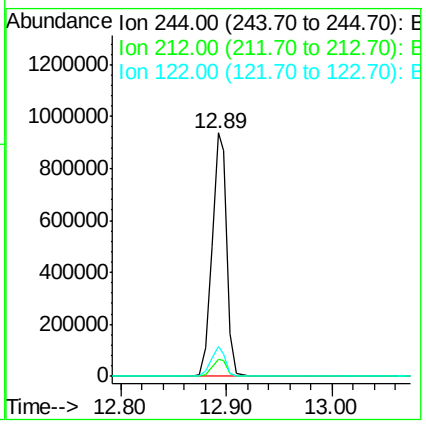


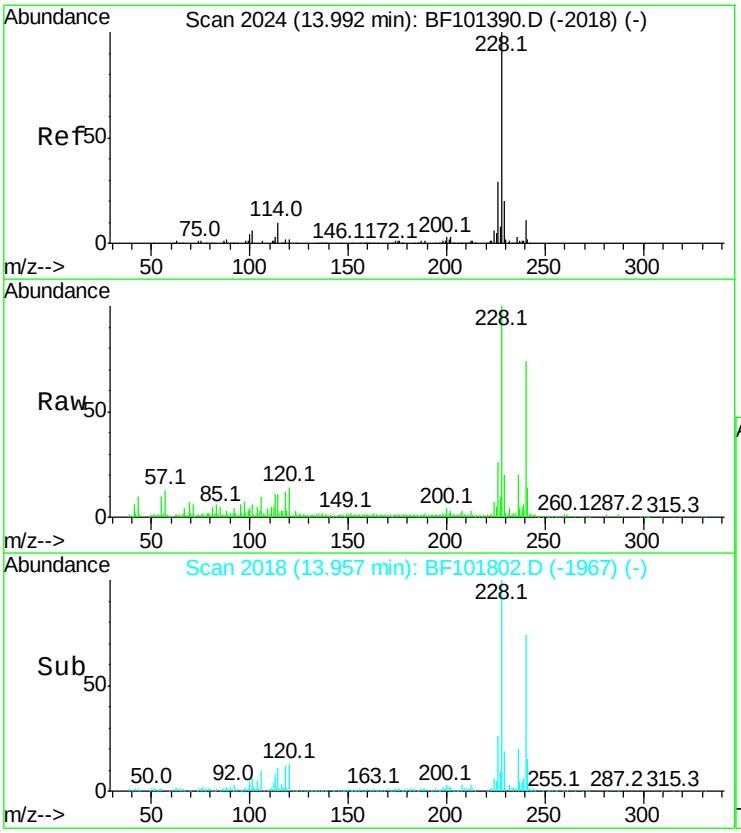
#78
Terphenyl-d14
Concen: 71.812 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 926909

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

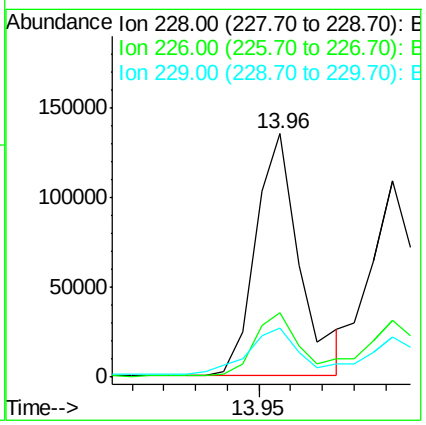


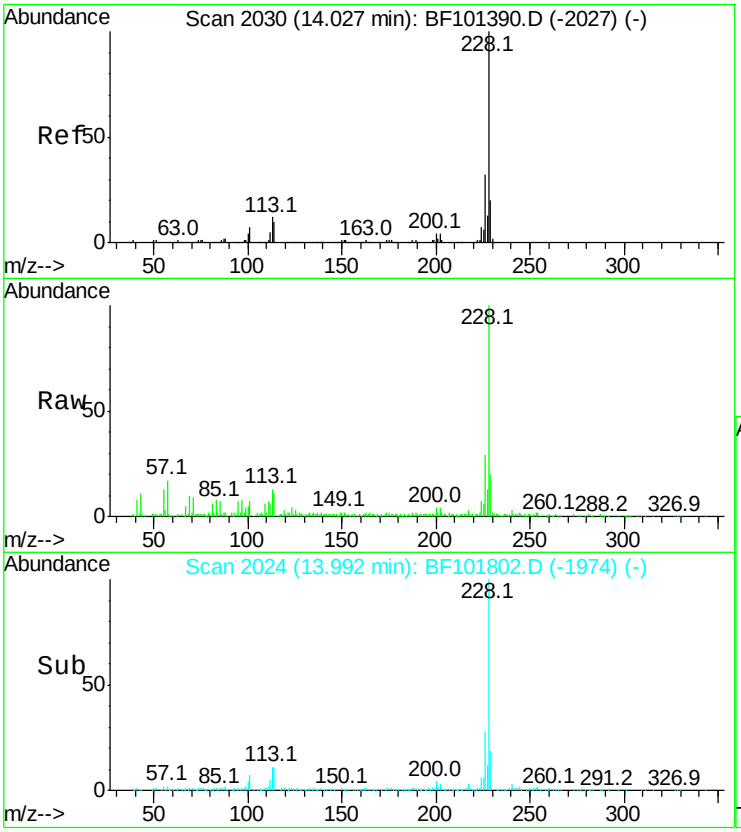


#80
Benzo(a)anthracene
Concen: 6.367 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:228 Resp: 130818

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.0	15.8	23.6



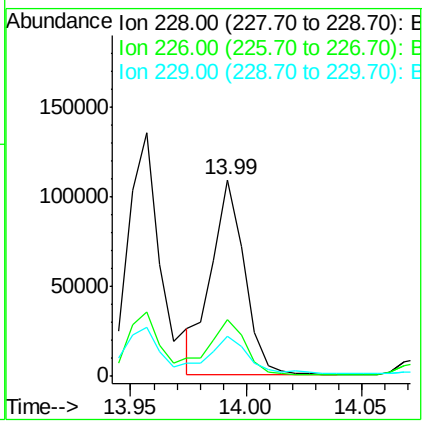


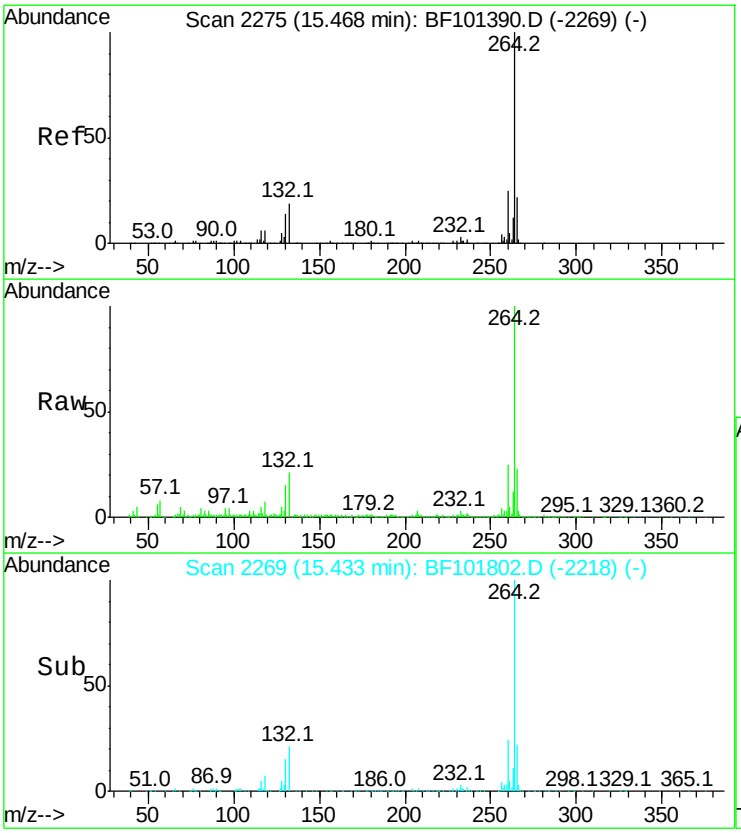
#82
Chrysene
Concen: 5.560 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 107864

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	20.2	16.2	24.4

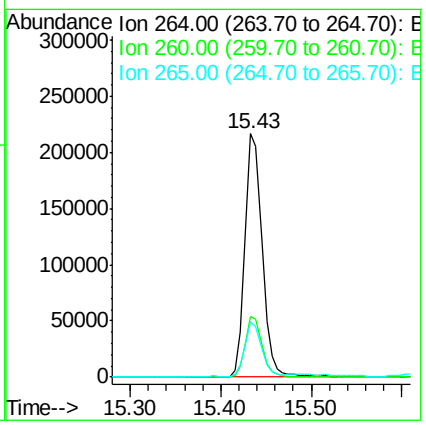


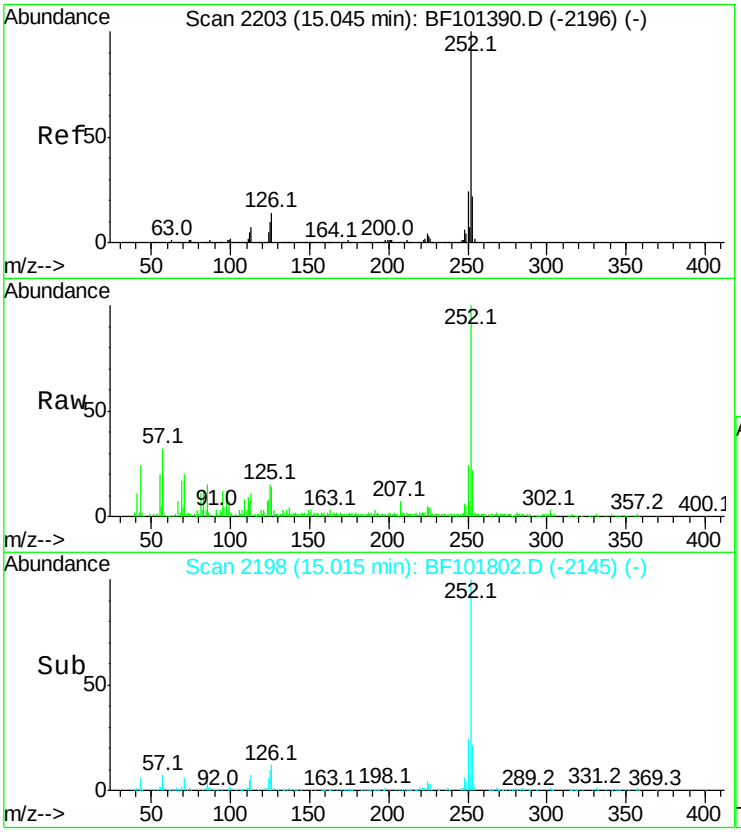


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:264 Resp: 288180

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3



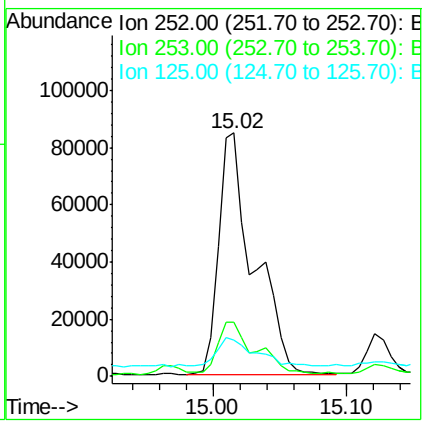


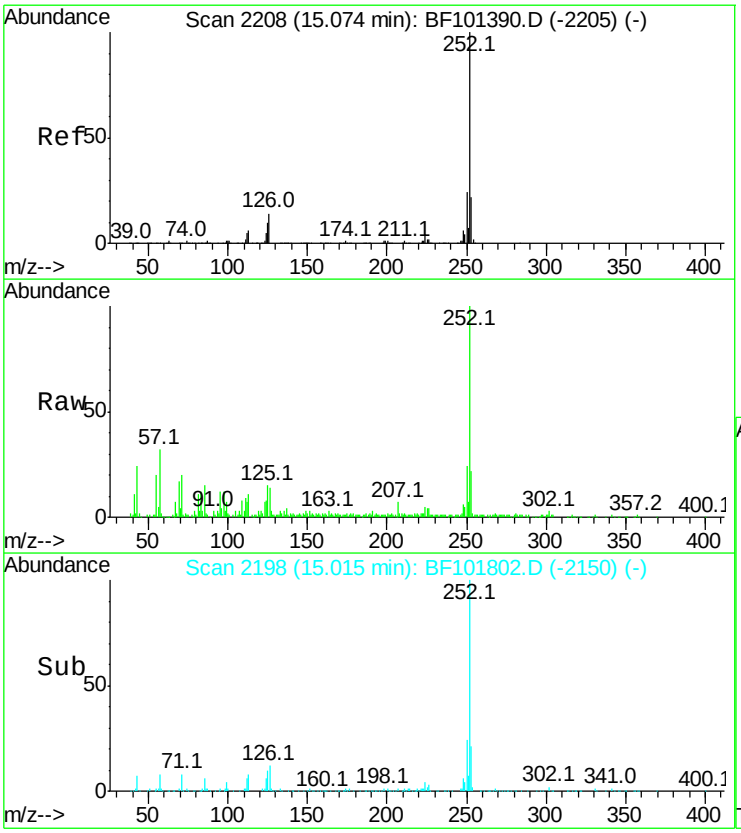
#87
Benzo(b)fluoranthene
Concen: 8.858 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 155587

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	14.8	9.0	13.6#

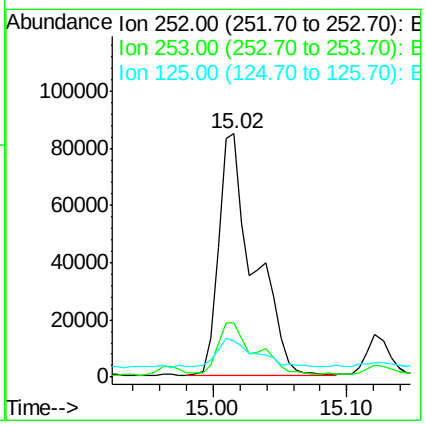


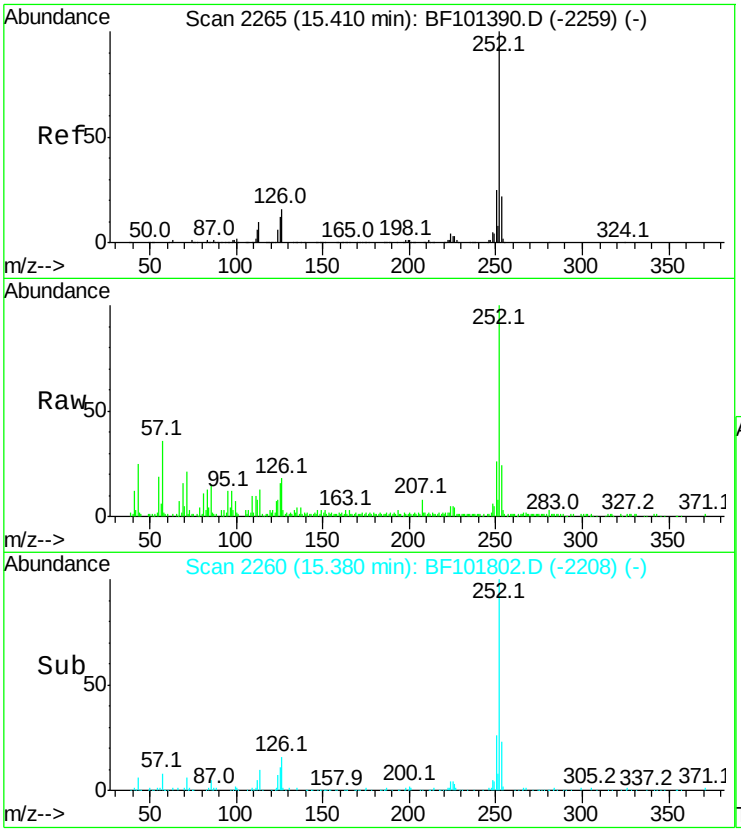


#88
Benzo(k)fluoranthene
Concen: 9.110 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:252 Resp: 155587

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	14.8	10.2	15.2



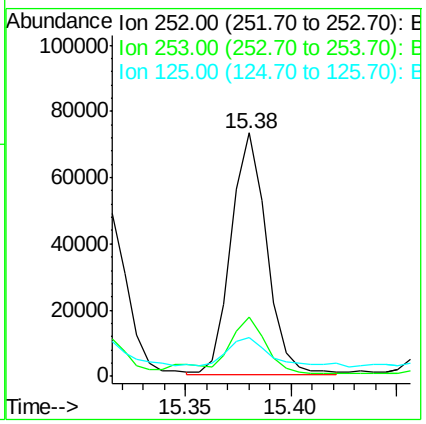


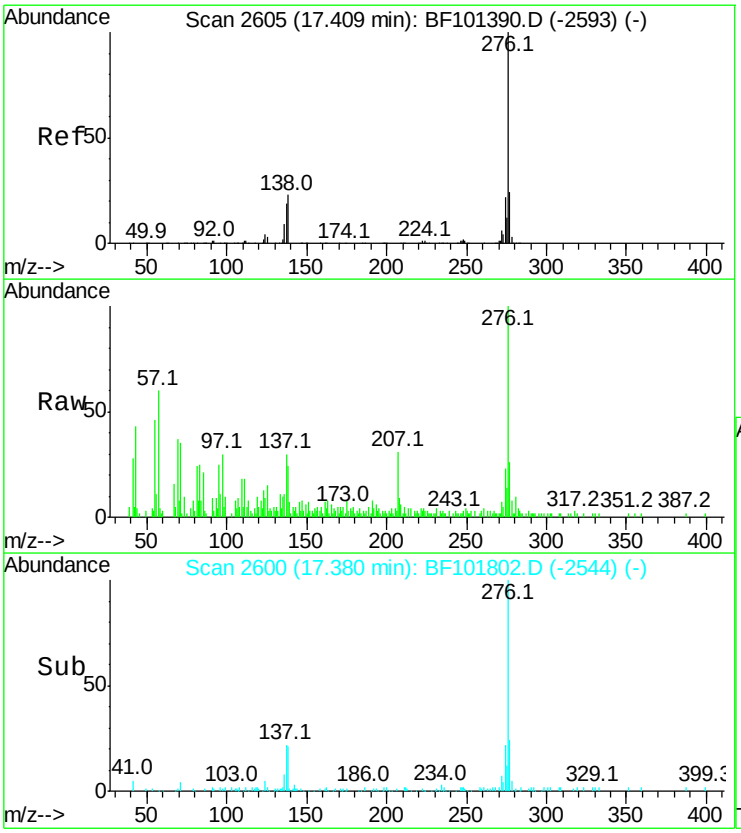
#89
Benzo(a)pyrene
Concen: 5.245 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 84937

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	16.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.118 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.03 min
Lab File: BF101802.D
Acq: 28 Dec 2017 15:10

Tgt Ion:276 Resp: 42924

Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	24.1	21.8	32.8