Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111125.D
Acq On : 5 Dec 2018 23:33
Operator : JU/SJ
Sample : J6198-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-120318

Quant Time: Dec 06 01:09:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	524744	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2059023	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	913849	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1335208	20.00	ng		0.00
76) Chrysene-d12	13.96	240	970603	20.00	ng		0.00
87) Perylene-d12	15.39	264	673323	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1680132	49.96	ng		0.00
7) Phenol-d6	6.43	99	2180449	50.34	ng		0.00
23) Nitrobenzene-d5	7.36	82	1269060	36.49	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	328890	45.28	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1882012	28.58	ng		0.00
79) Terphenyl-d14	12.90	244	1285237	27.12	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	6670	Below Cal		#	1
10) Phenol	6.44	94	139303	2.949	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	171821	5.902	ng	#	77
25) Isophorone	7.36	82	1264694	19.814	ng	#	65
50) Dimethylphthalate	9.55	163	239715	3.769	ng		97
51) 2,6-Dinitrotoluene	9.84	165	116006	8.603	ng	#	26
57) 2,4-Dinitrotoluene	9.84	165	116006	6.661	ng	#	23
75) Fluoranthene	12.53	202	159657	2.540	ng		98
77) Benzidine	12.69	184	853	Below Cal		#	1
88) Benzo(b)fluoranthene	14.97	252	81430	2.134	ng	#	80
89) Benzo(k)fluoranthene	14.97	252	81430	2.208	ng	#	80

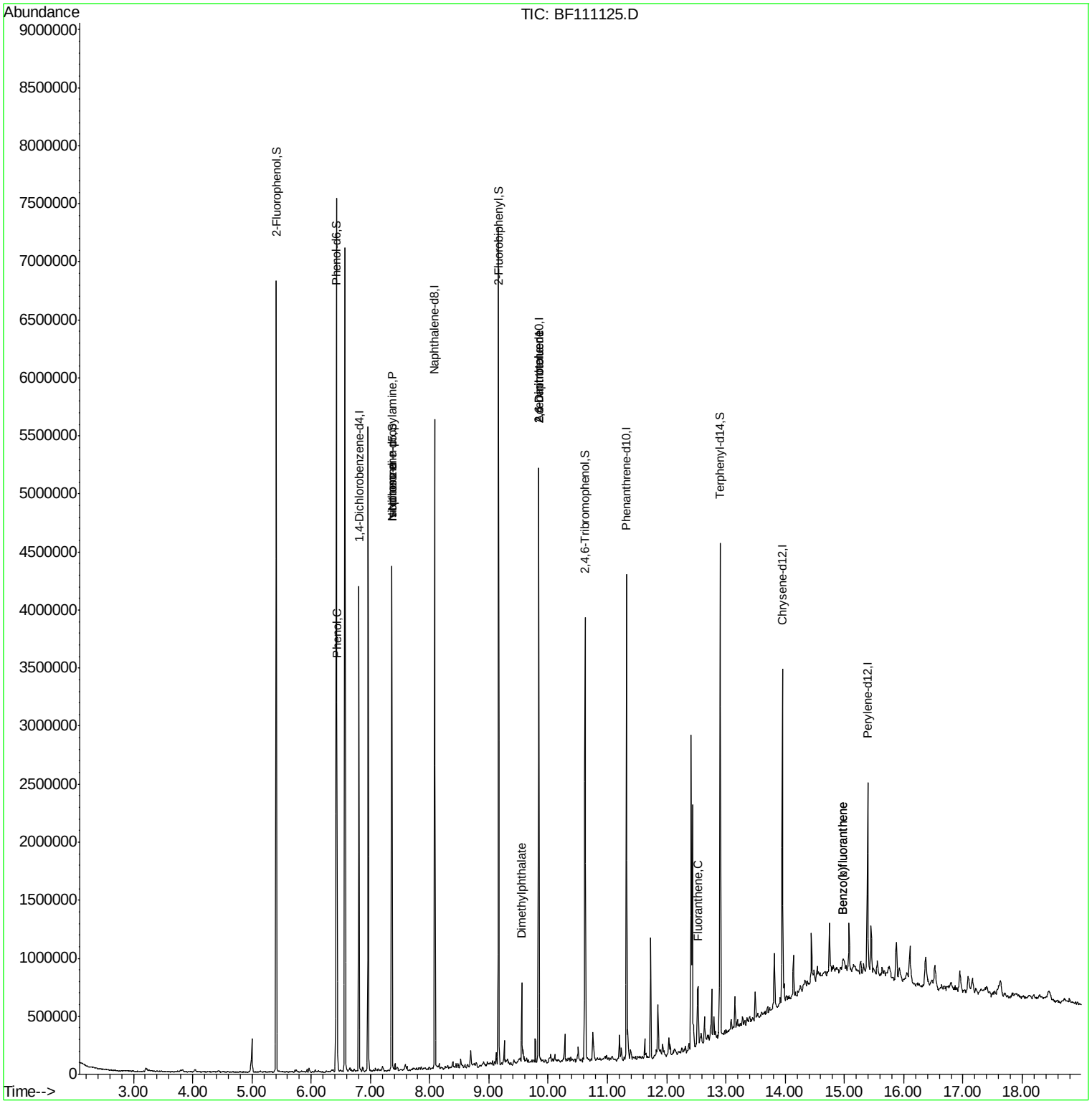
(#) = qualifier out of range (m) = manual integration (+) = signals summed

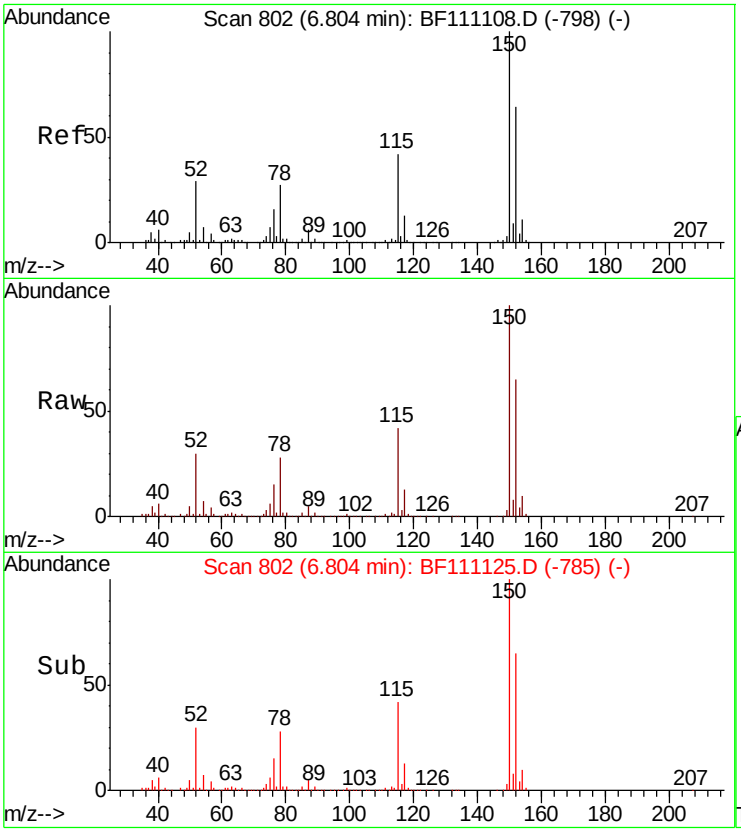
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111125.D
Acq On : 5 Dec 2018 23:33
Operator : JU/SJ
Sample : J6198-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Quant Time: Dec 06 01:09:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



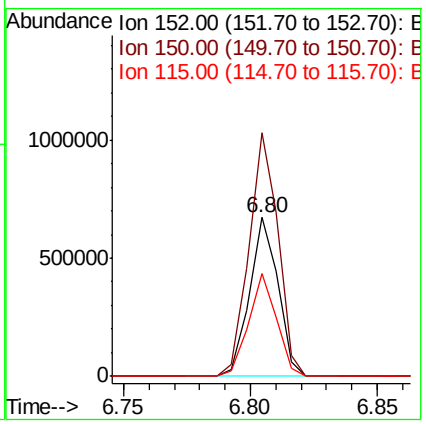


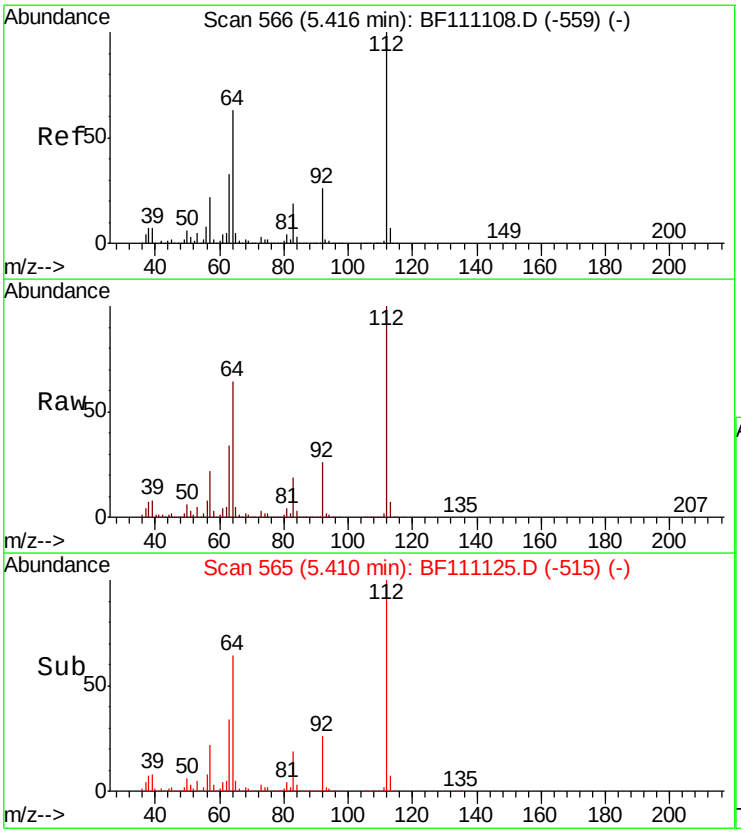
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:152 Resp: 524744

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	187.0
115	64.5	52.2	78.2

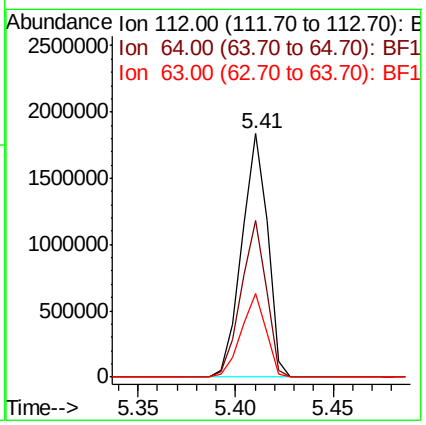


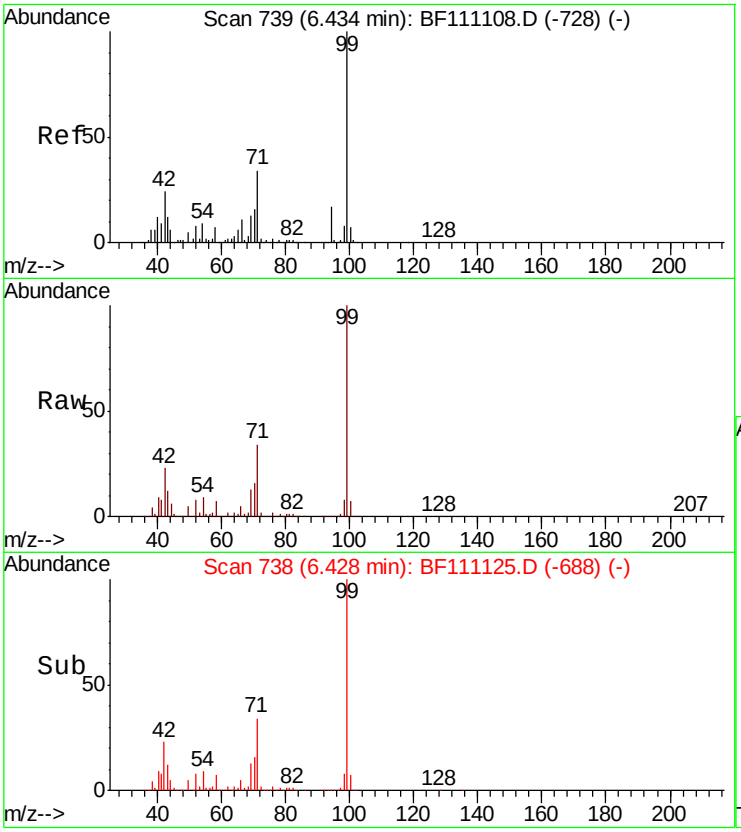


#5
2-Fluorophenol
Concen: 49.963 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:112 Resp: 1680132

Ion	Ratio	Lower	Upper
112	100		
64	64.1	50.2	75.4
63	34.4	26.6	39.8



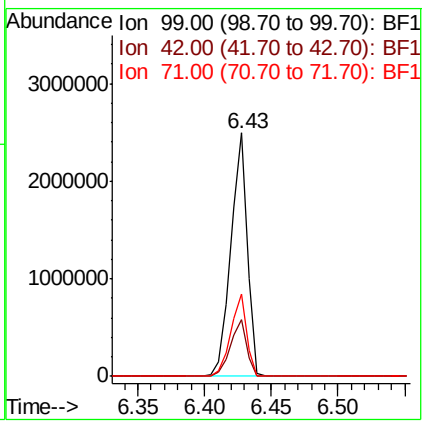


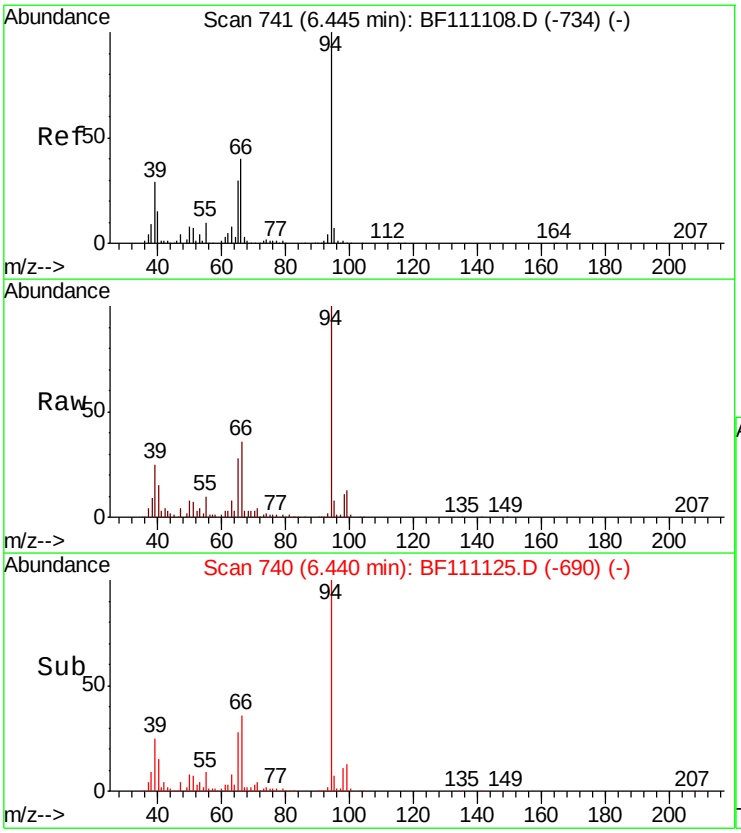
#7
Phenol-d6
Concen: 50.336 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion: 99 Resp: 2180449

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.3	28.9
71	34.0	27.4	41.2

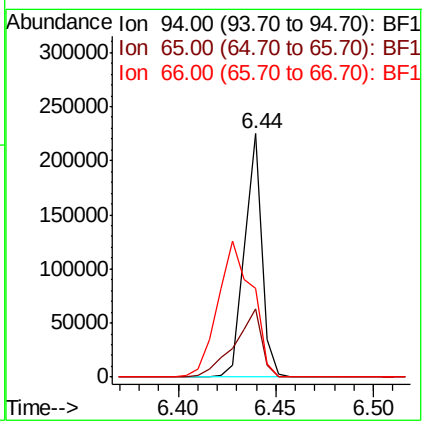


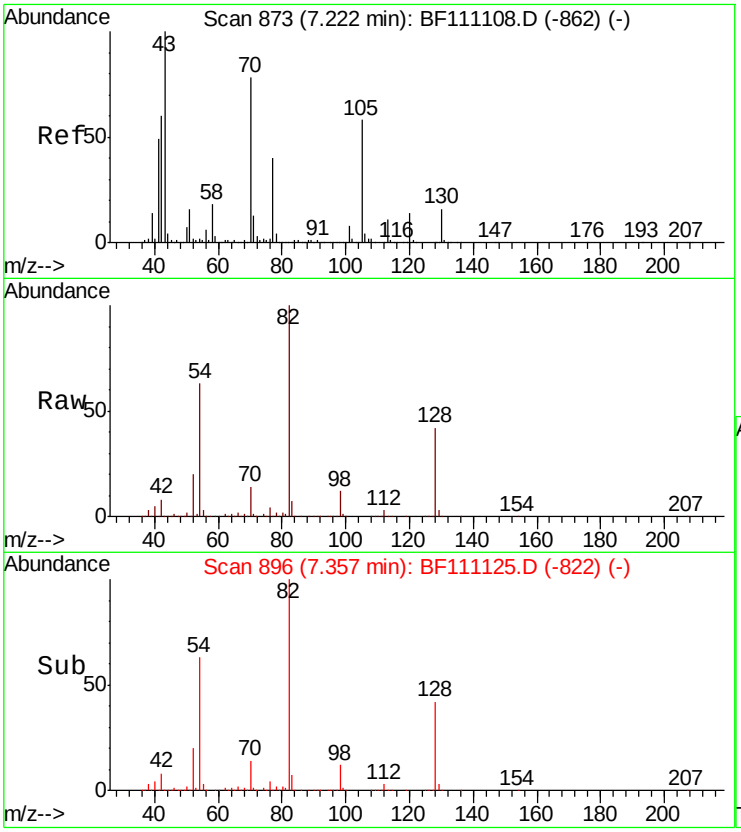


#10
Phenol
Concen: 2.949 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion: 94 Resp: 139303

Ion	Ratio	Lower	Upper
94	100		
65	27.9	10.5	50.5
66	36.3	19.8	59.8



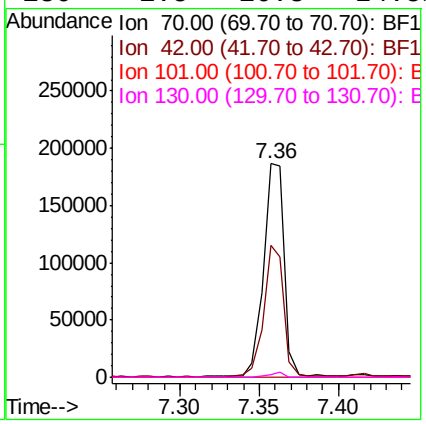


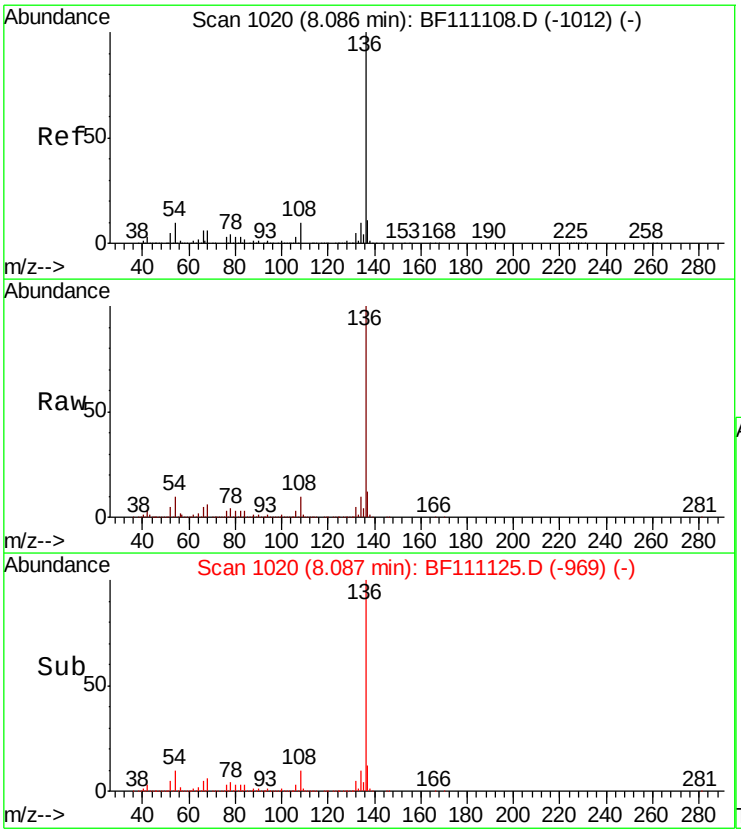
#19
n-Nitroso-di-n-propylamine
Concen: 5.902 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion: 70 Resp: 171821

Ion	Ratio	Lower	Upper
70	100		
42	61.5	61.3	91.9
101	0.0	7.7	11.5#
130	1.5	16.3	24.5#

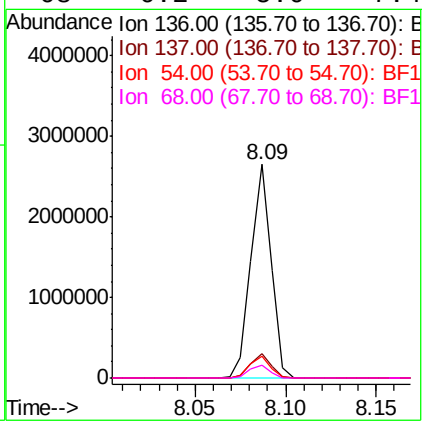


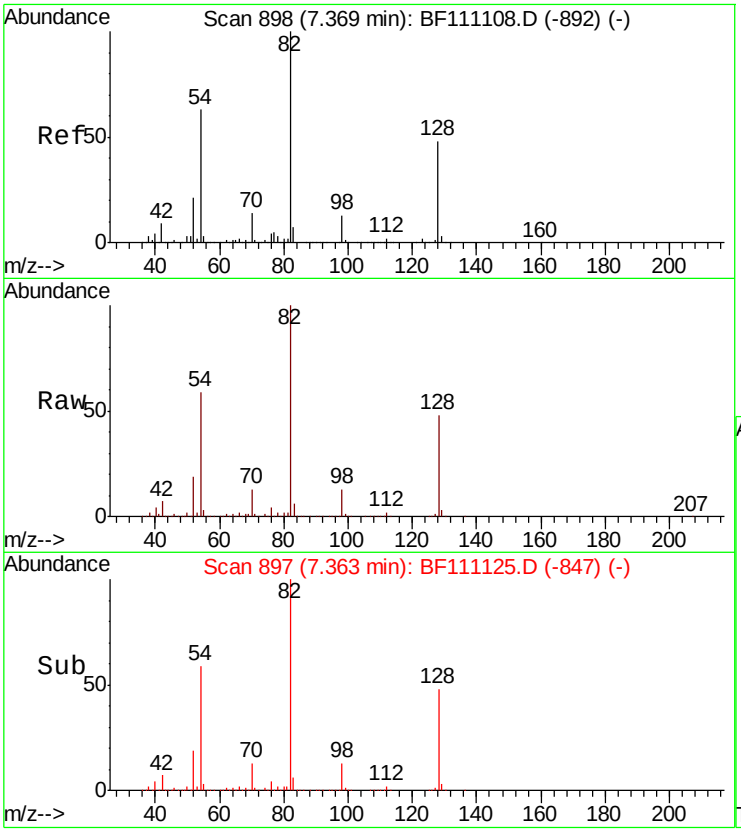


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:136 Resp: 2059023

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	10.1	8.4	12.6
68	6.2	5.0	7.4



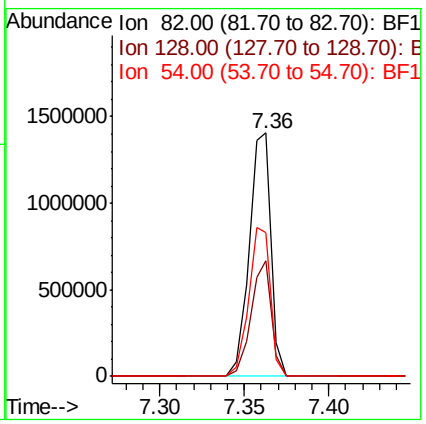


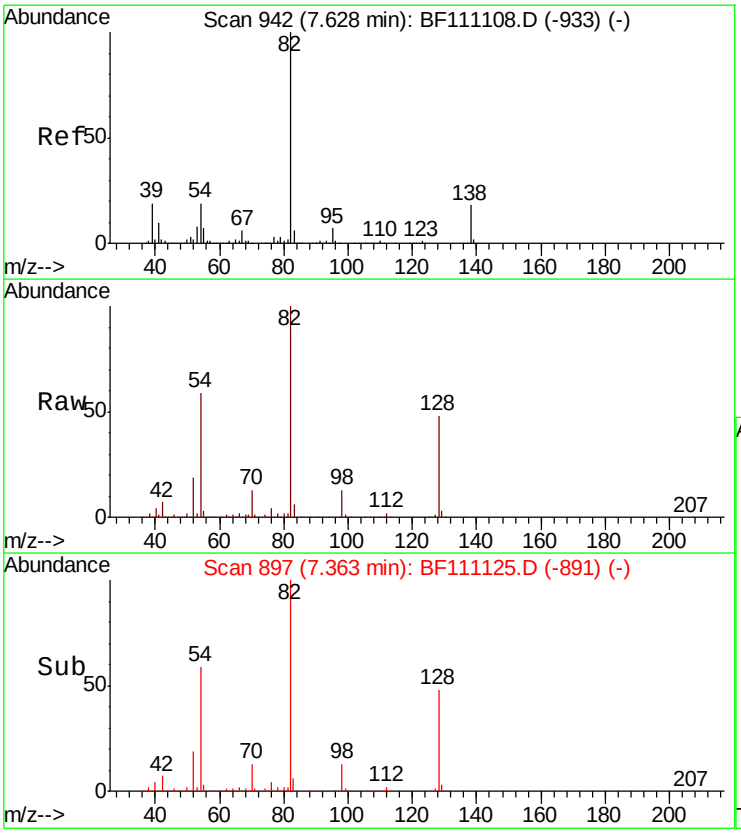
#23
Nitrobenzene-d5
Concen: 36.489 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion: 82 Resp: 1269060

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.1	57.1
54	59.1	50.3	75.5

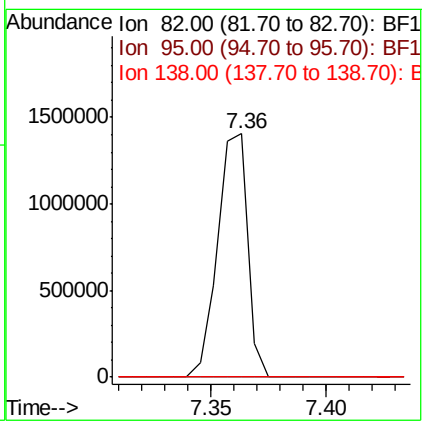


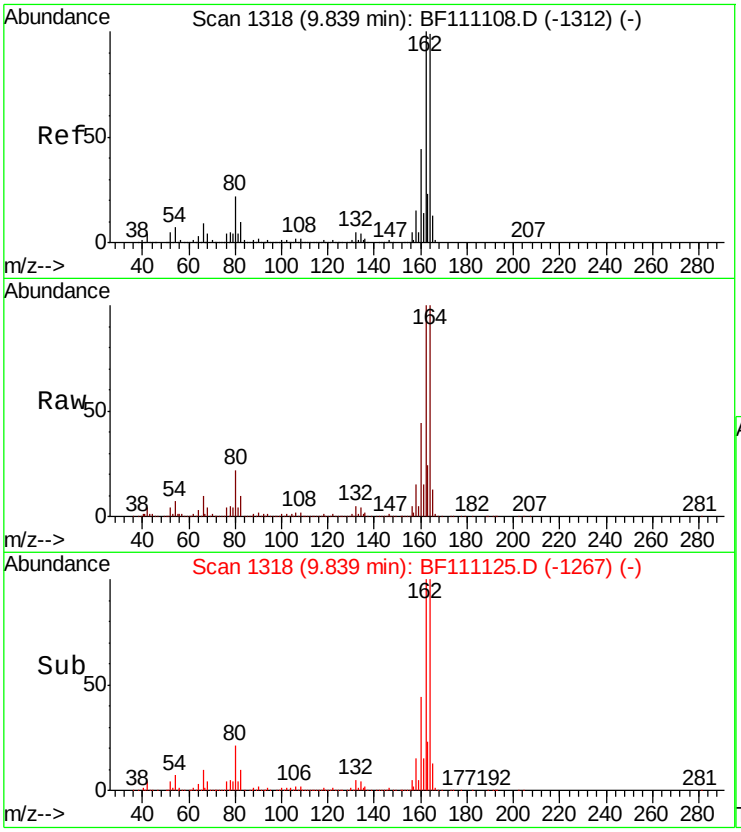


#25
Isophorone
Concen: 19.814 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion: 82 Resp: 1264694

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



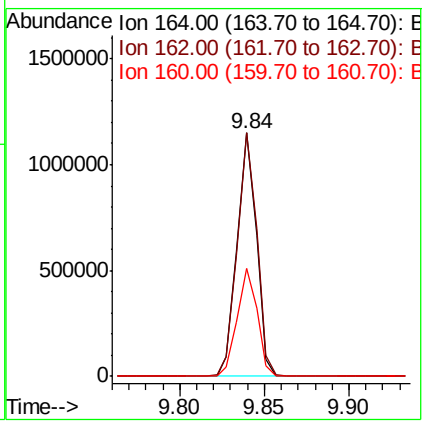


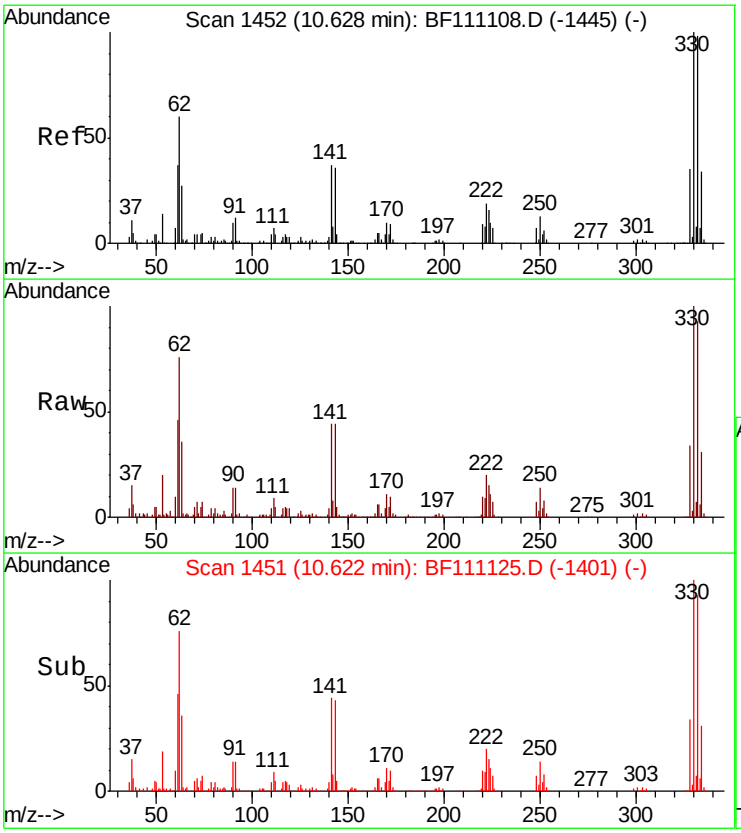
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:164 Resp: 913849

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.1	35.5	53.3

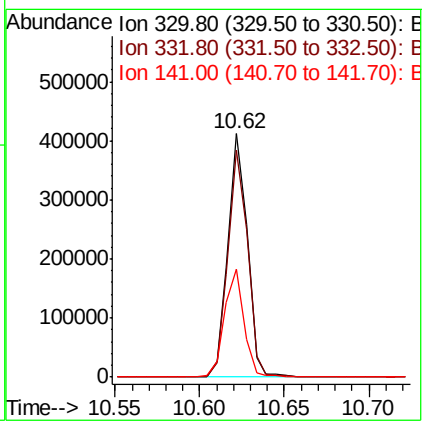


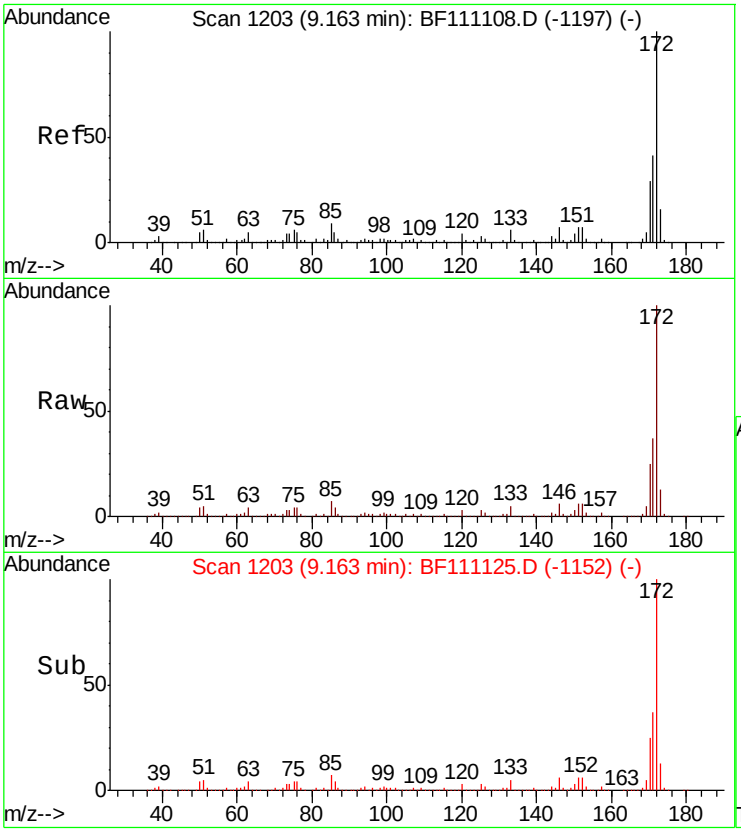


#42
2,4,6-Tribromophenol
Concen: 45.276 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:330 Resp: 328890

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.2	115.8
141	44.5	36.1	54.1

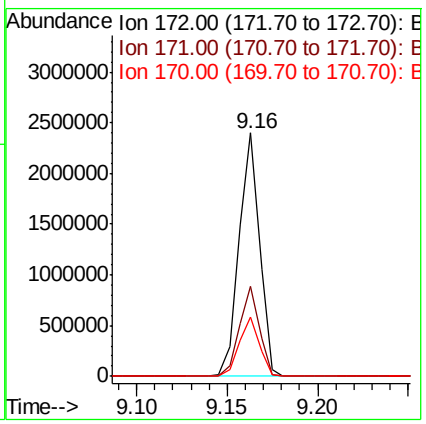




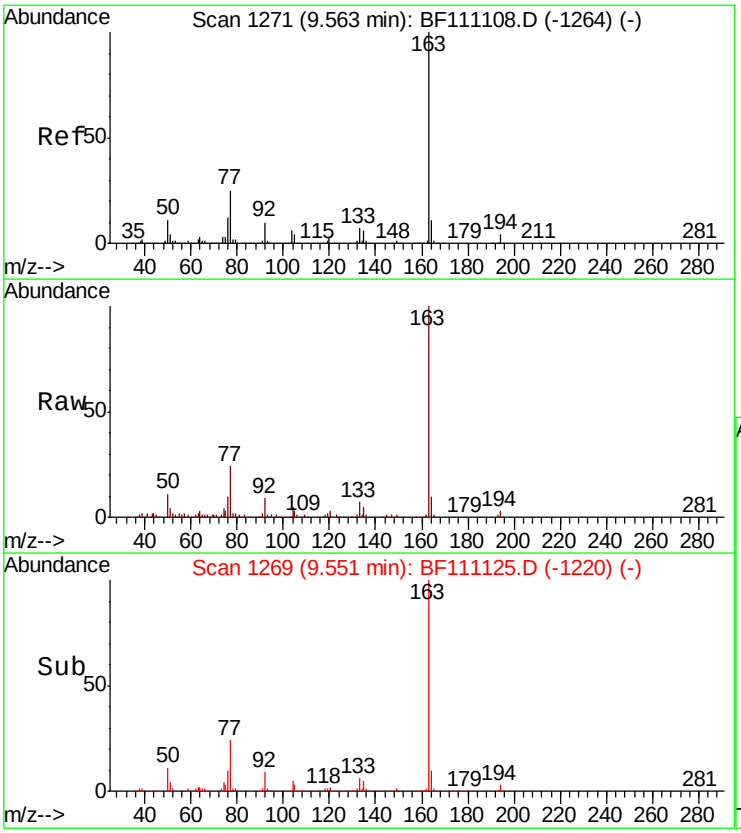
#45
2-Fluorobiphenyl
Concen: 28.580 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:172 Resp: 1882012

Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.2	49.8
170	24.5	22.9	34.3



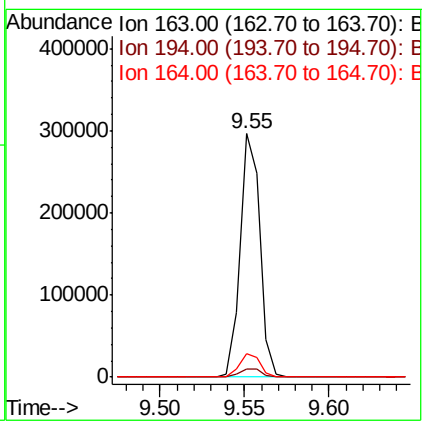
Instrument :
BNA_F
ClientSampleId :
SA-06-120318

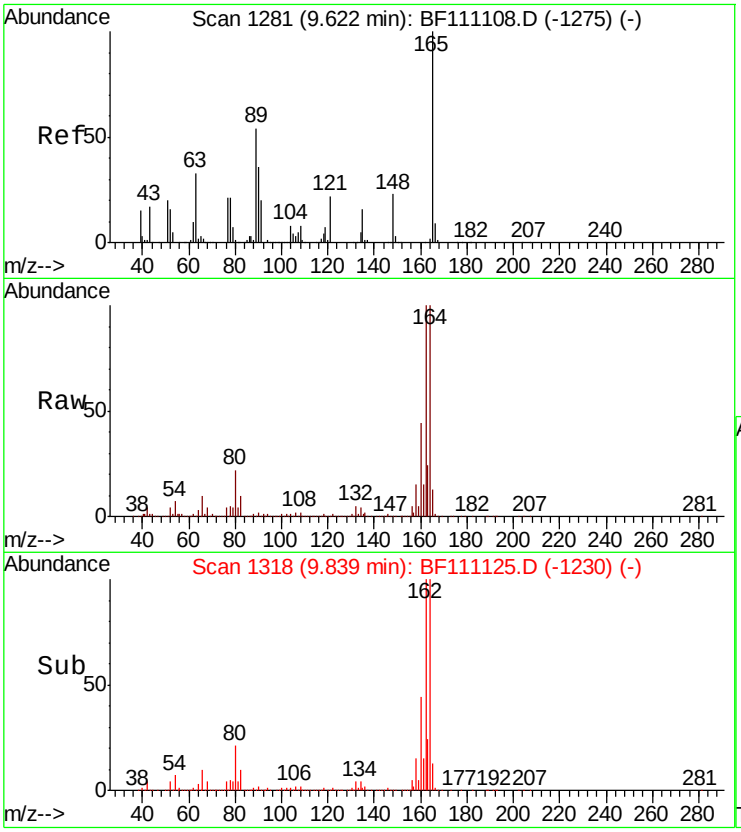


#50
Dimethylphthalate
Concen: 3.769 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:163 Resp: 239715

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.5	8.9	13.3



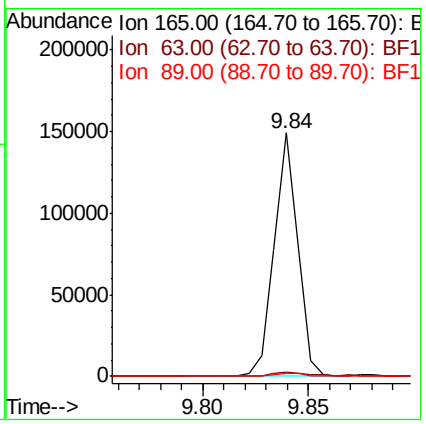


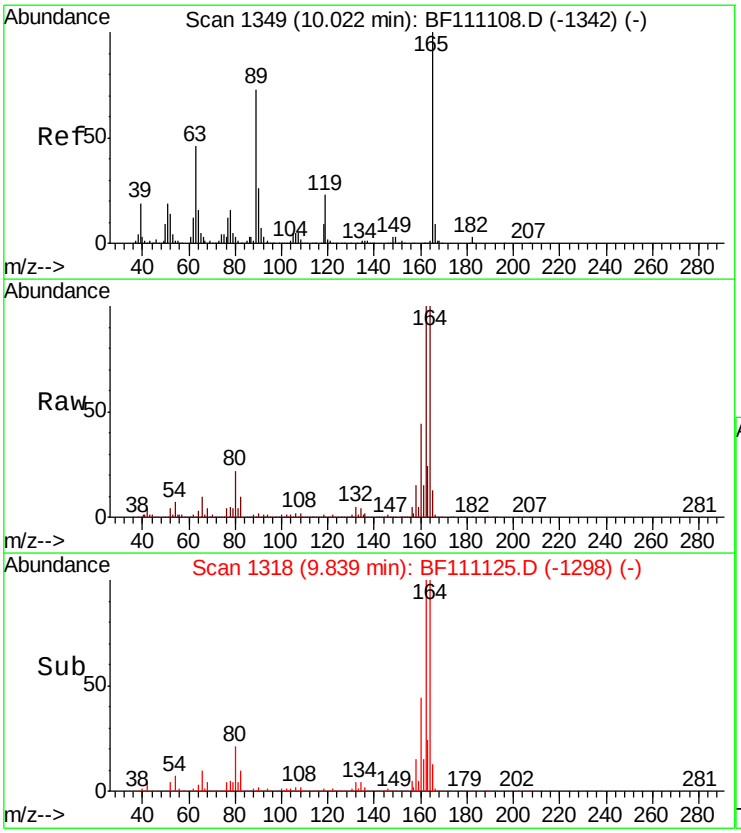
#51
2,6-Dinitrotoluene
Concen: 8.603 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:165 Resp: 116006

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	43.0	64.4#

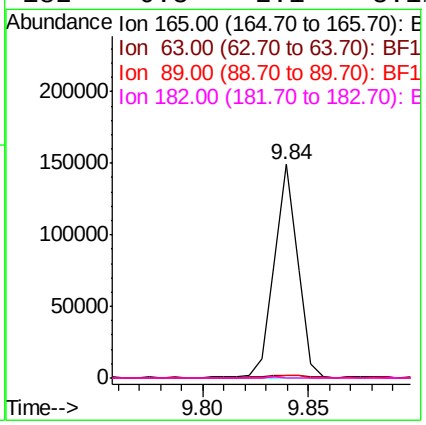


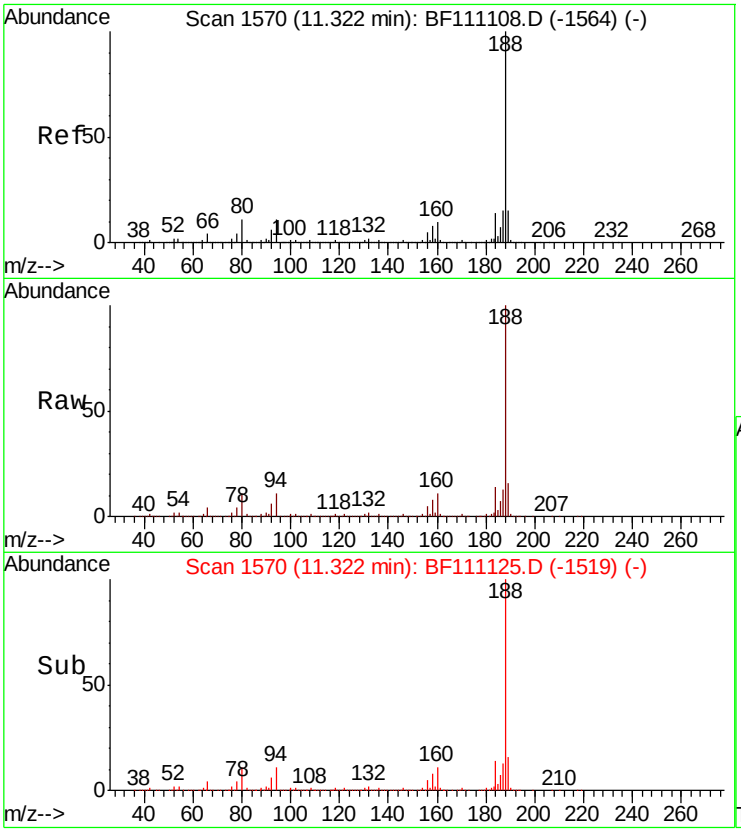


#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:165 Resp: 116006

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.3	58.4	87.6#
182	0.3	2.1	3.1#



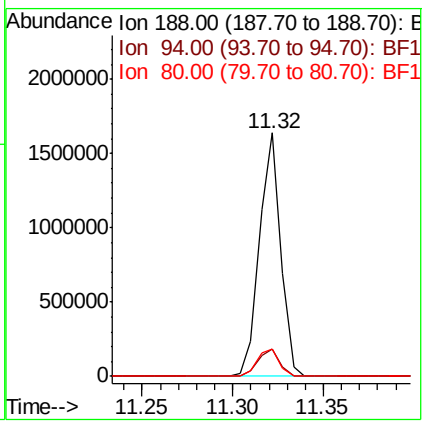


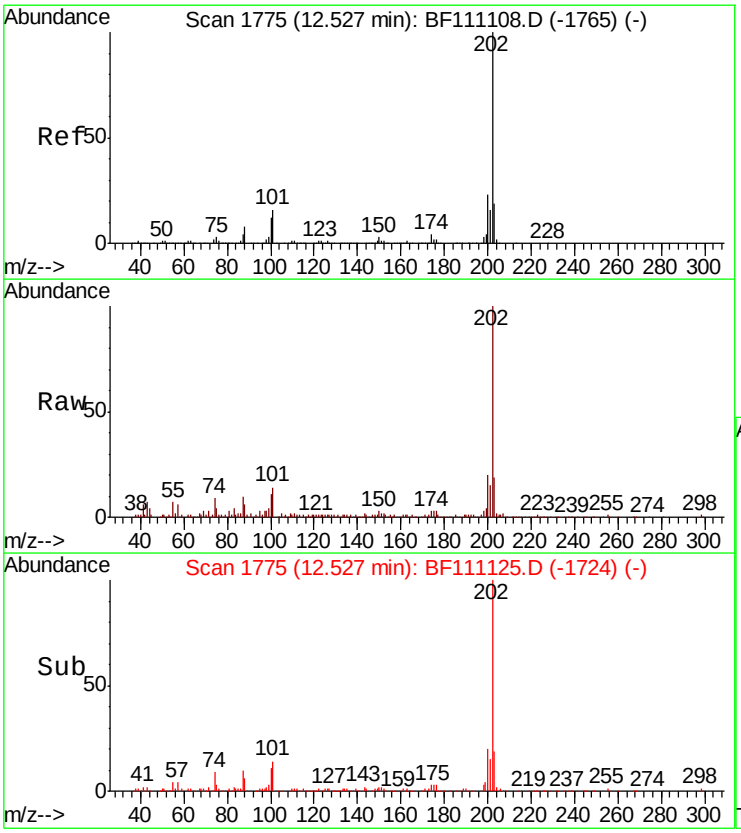
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:188 Resp: 1335208

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.0	9.0	13.6

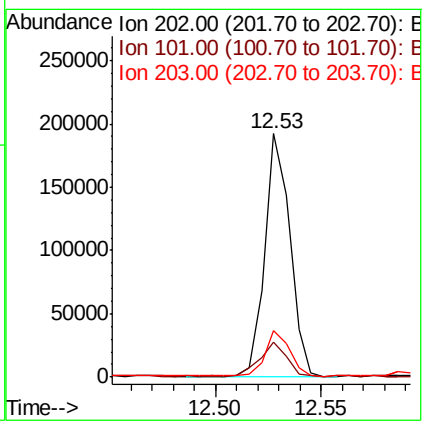


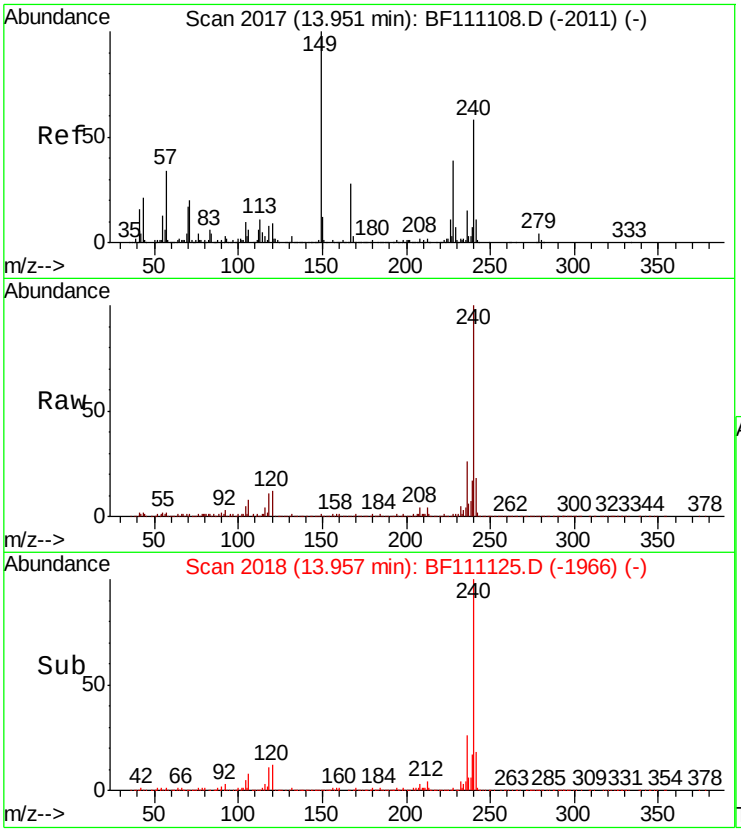


#75
Fluoranthene
Concen: 2.540 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:202 Resp: 159657

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	35.8
203	19.1	0.0	38.6



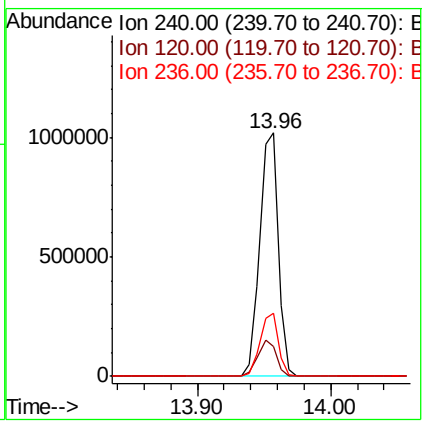


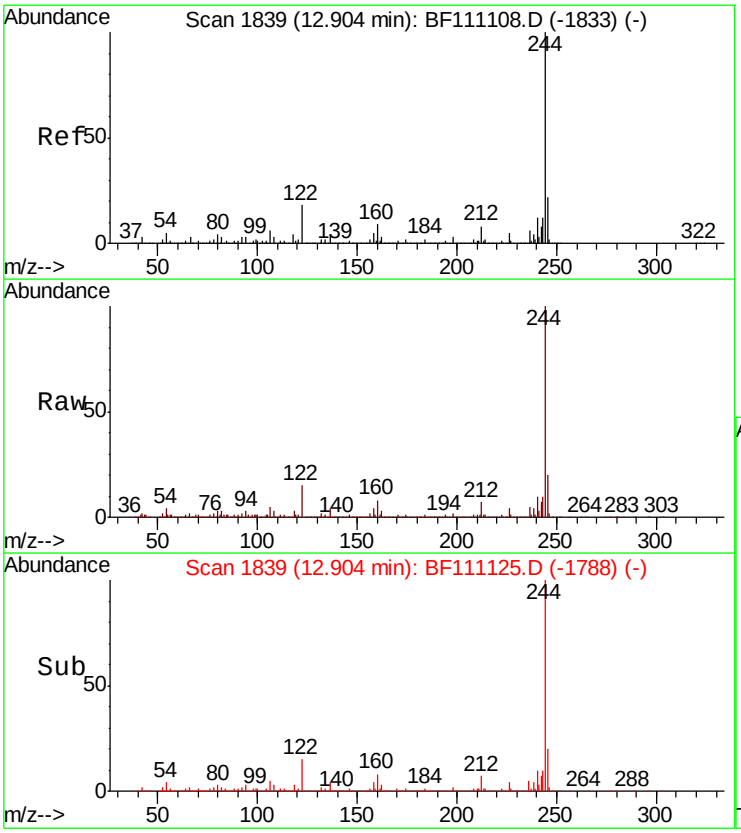
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:240 Resp: 970603

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.8	19.2#
236	25.7	21.1	31.7

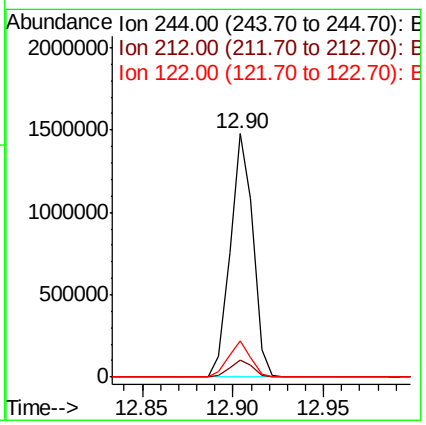


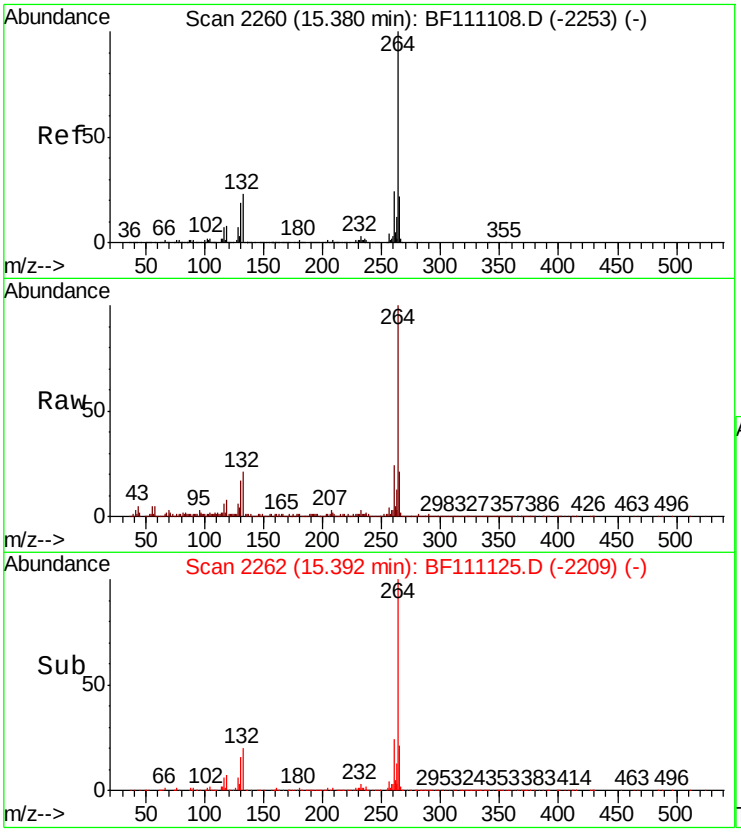


#79
Terphenyl-d14
Concen: 27.119 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:244 Resp: 1285237

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	15.0	14.2	21.2



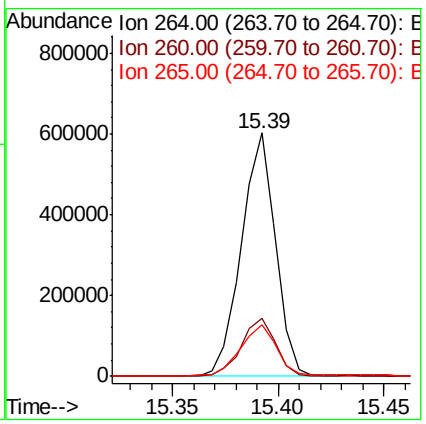


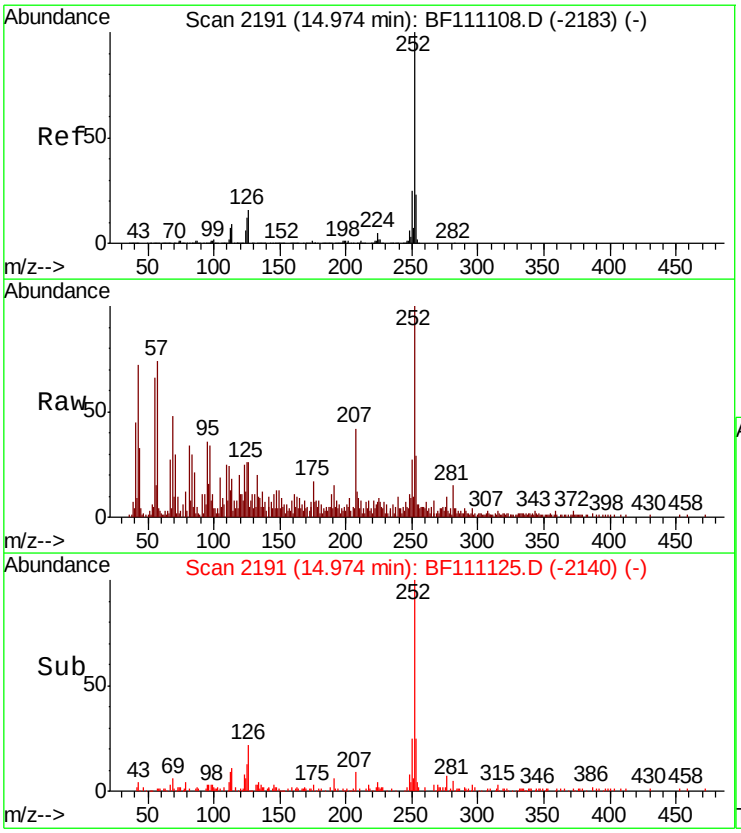
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:264 Resp: 673323

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.2	17.4	26.0

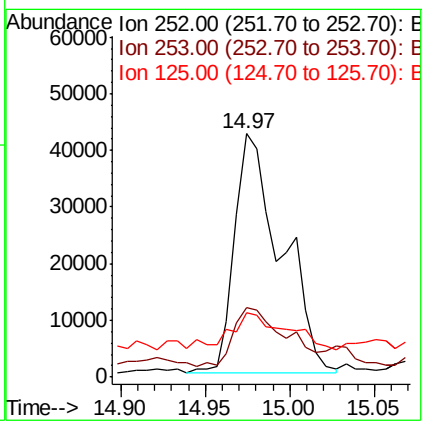


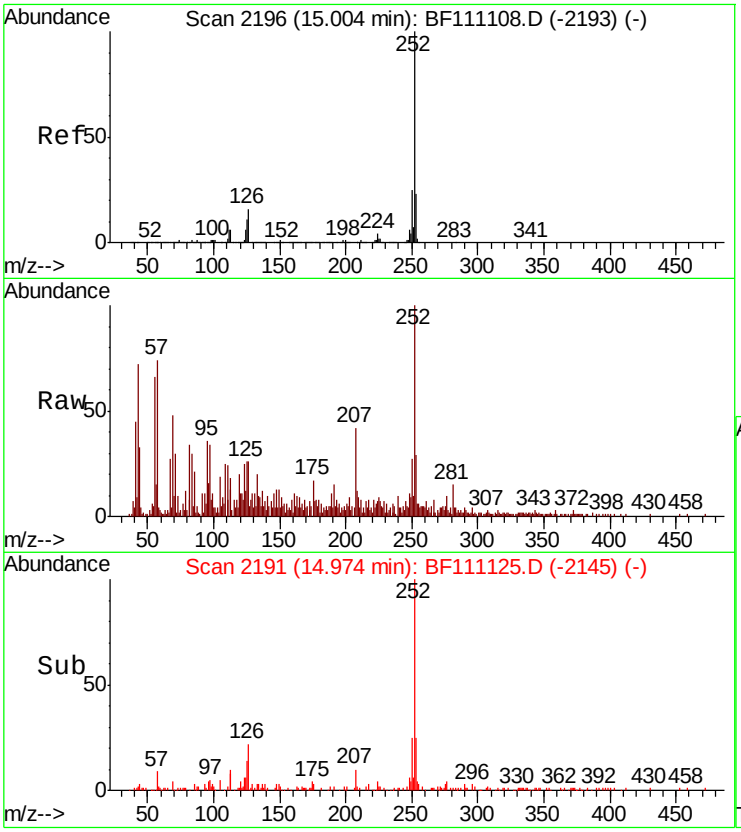


#88
Benzo(b)fluoranthene
Concen: 2.134 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:252 Resp: 81430

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.5	27.7#
125	26.3	9.9	14.9#





#89
Benzo(k)fluoranthene
Concen: 2.208 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tgt Ion:252 Resp: 81430

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.4#
125	26.3	9.9	14.9#