Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111751.D
Acq On : 27 Dec 2018 9:00
Operator : JU/SJ
Sample : J6492-01DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 11:13:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 11:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	123193	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	443042	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	213559	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	421249	20.00	ng		0.00
76) Chrysene-d12	14.06	240	314868	20.00	ng		0.00
87) Perylene-d12	15.55	264	246868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	4873	0.67	ng		0.00
7) Phenol-d6	6.53	99	3941	0.43	ng		-0.01
23) Nitrobenzene-d5	7.46	82	8366	1.10	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	3968	1.57	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	18431	1.26	ng		0.00
79) Terphenyl-d14	13.00	244	17897	1.08	ng		0.00
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	7.84	122	21973	3.445	ng		93
31) Naphthalene	8.21	128	1740462	81.760	ng		97
32) Benzoic acid	7.97	122	14750	3.498	ng	#	18
33) 4-Chloroaniline	8.21	127	232431	25.262	ng	#	32
37) 2-Methylnaphthalene	8.90	142	46022	3.323	ng		96
38) 1-Methylnaphthalene	9.00	142	48409	3.639	ng		99
51) 2,6-Dinitrotoluene	9.94	165	28220	9.062	ng	#	30
57) 2,4-Dinitrotoluene	9.94	165	28220	7.540	ng	#	25

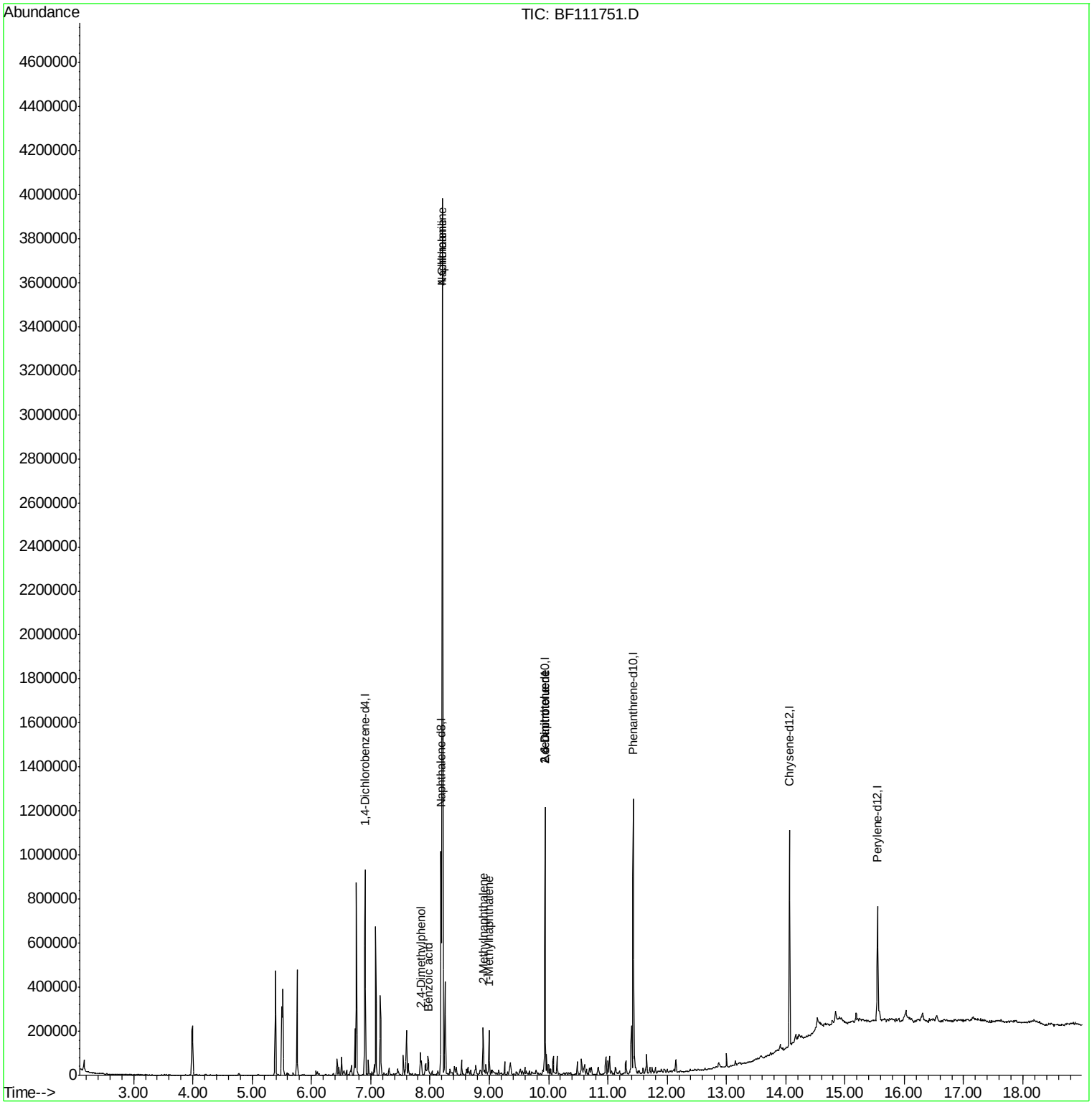
(#) = qualifier out of range (m) = manual integration (+) = signals summed

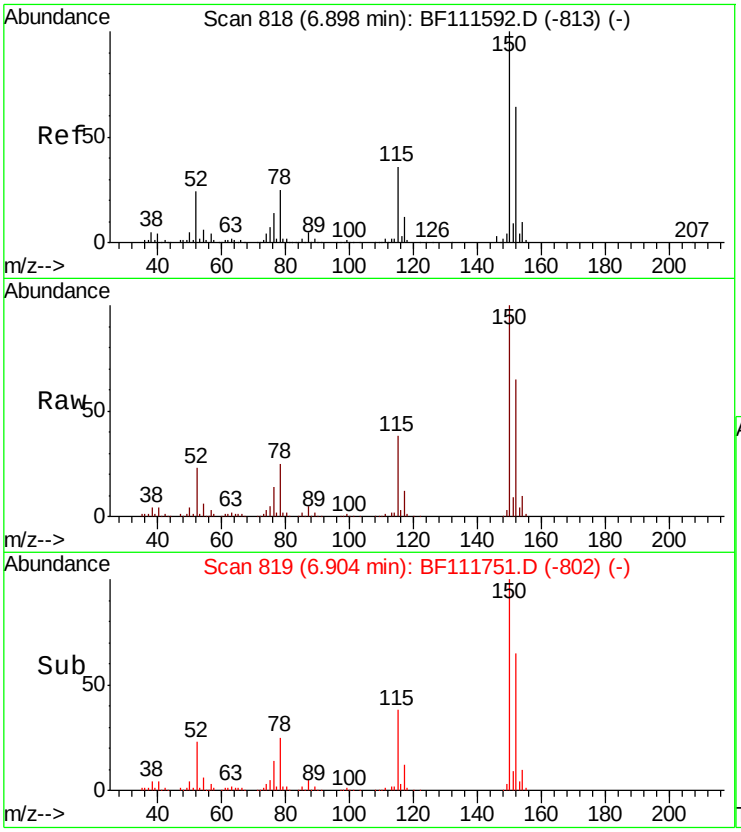
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111751.D
Acq On : 27 Dec 2018 9:00
Operator : JU/SJ
Sample : J6492-01DL2 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 27 11:13:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 11:05:37 2018
Response via : Initial Calibration



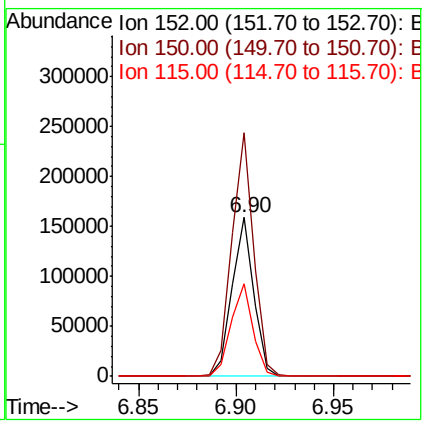


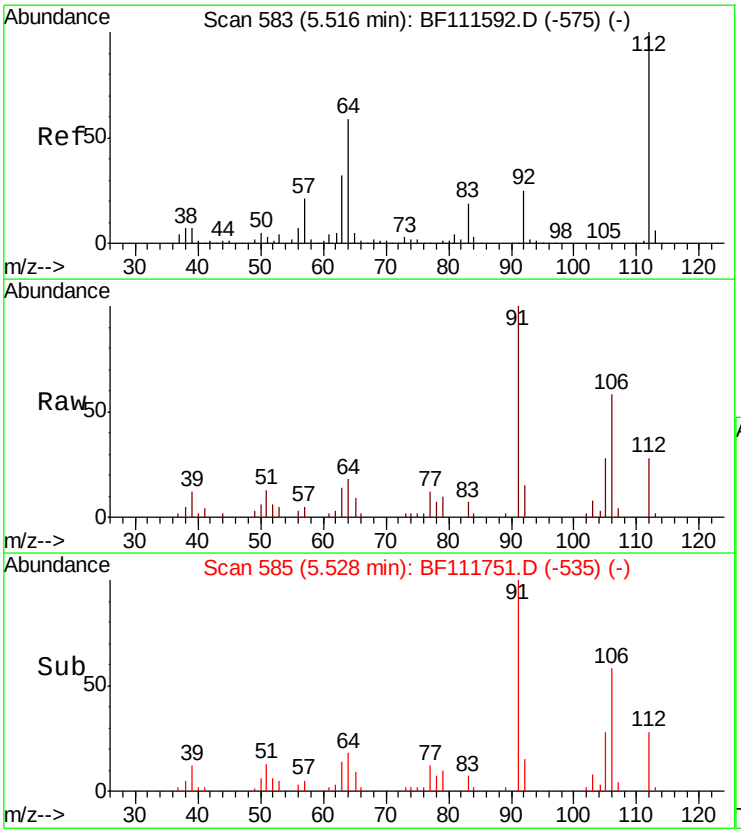
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123193

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	58.2	50.7	76.1

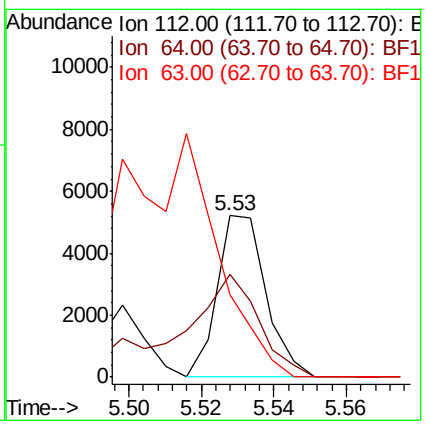


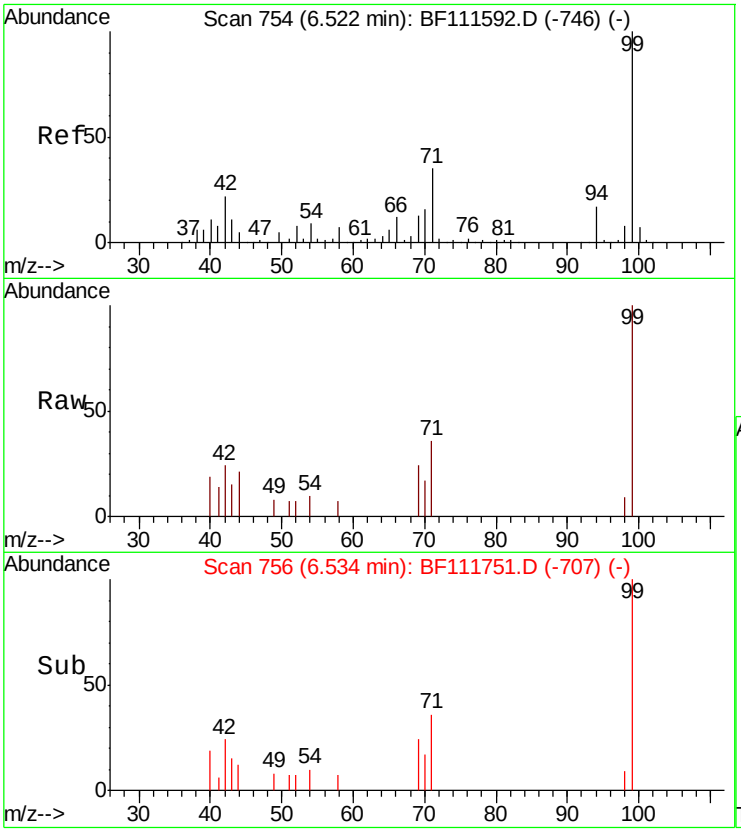


#5
2-Fluorophenol
Concen: 0.674 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:112 Resp: 4873

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	51.2	26.8	40.2#



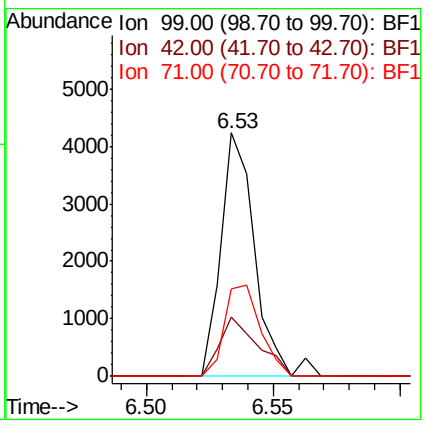


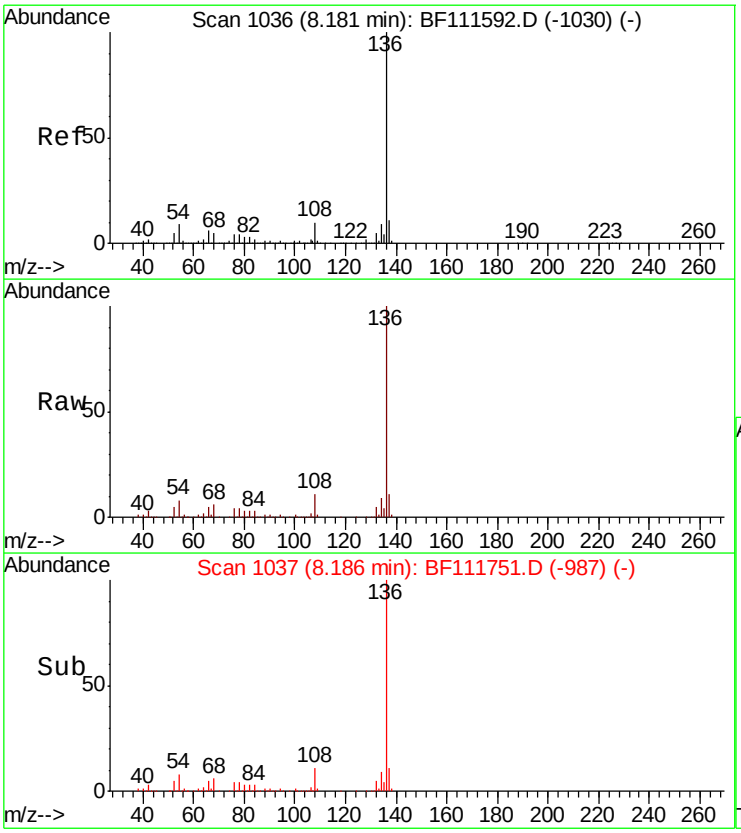
#7
Phenol-d6
Concen: 0.428 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3941

Ion	Ratio	Lower	Upper
99	100		
42	24.4	17.4	26.0
71	35.8	26.1	39.1

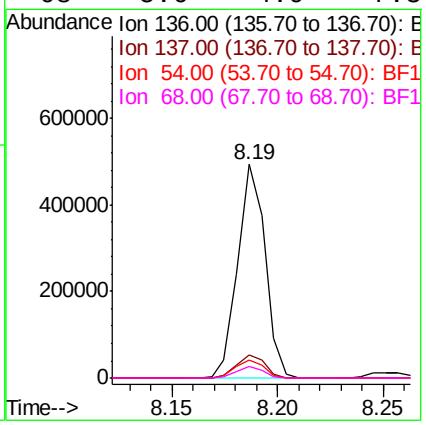


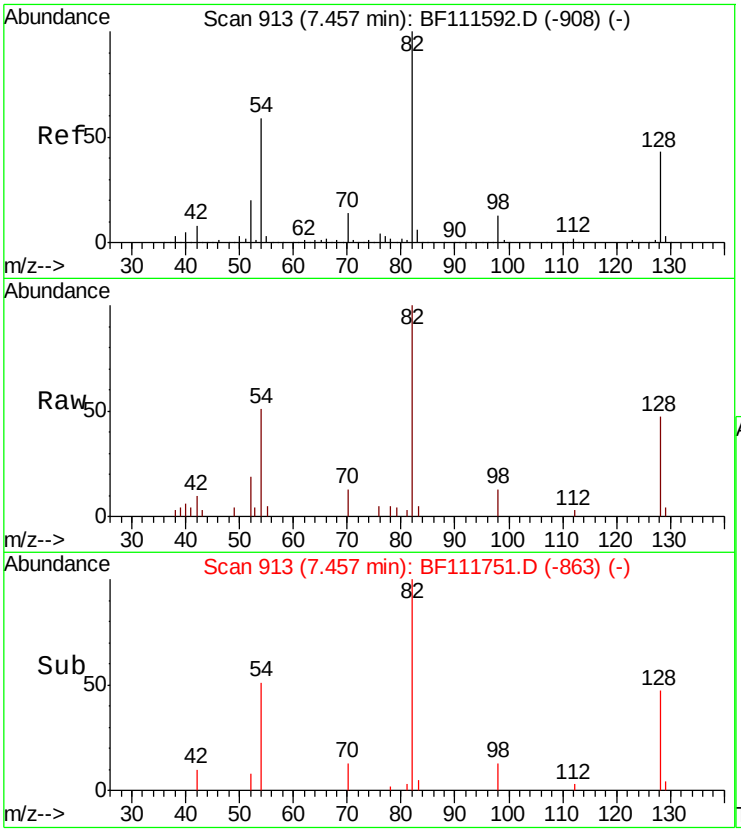


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:136 Resp: 443042

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.5	7.7	11.5
68	5.6	4.9	7.3



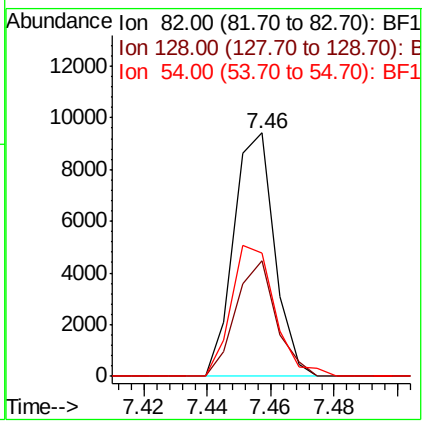


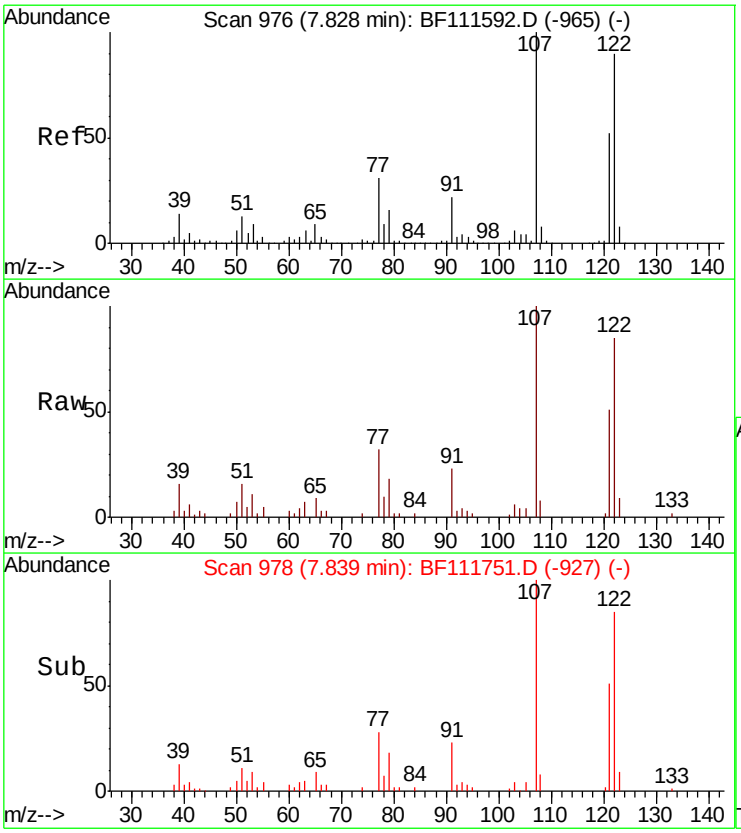
#23
Nitrobenzene-d5
Concen: 1.099 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 8366

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.2
54	50.5	47.6	71.4

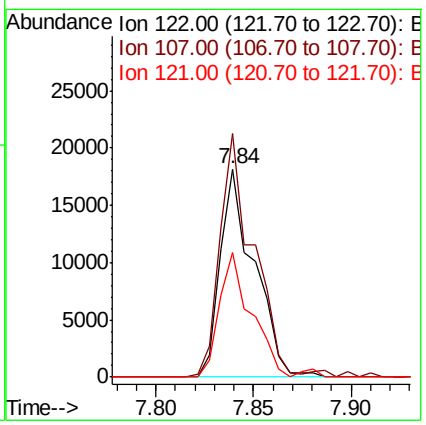


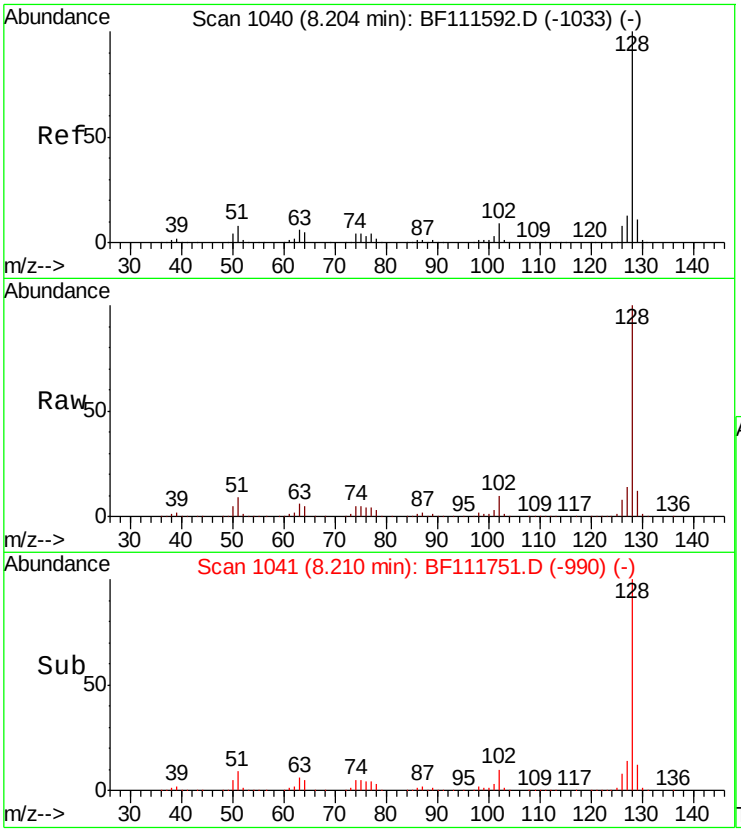


#27
2,4-Dimethylphenol
Concen: 3.445 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:122 Resp: 21973

Ion	Ratio	Lower	Upper
122	100		
107	117.0	85.5	128.3
121	60.0	46.6	70.0



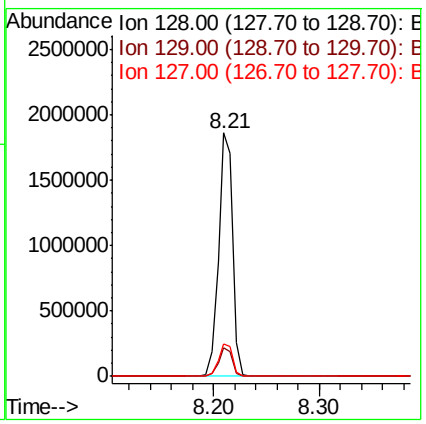


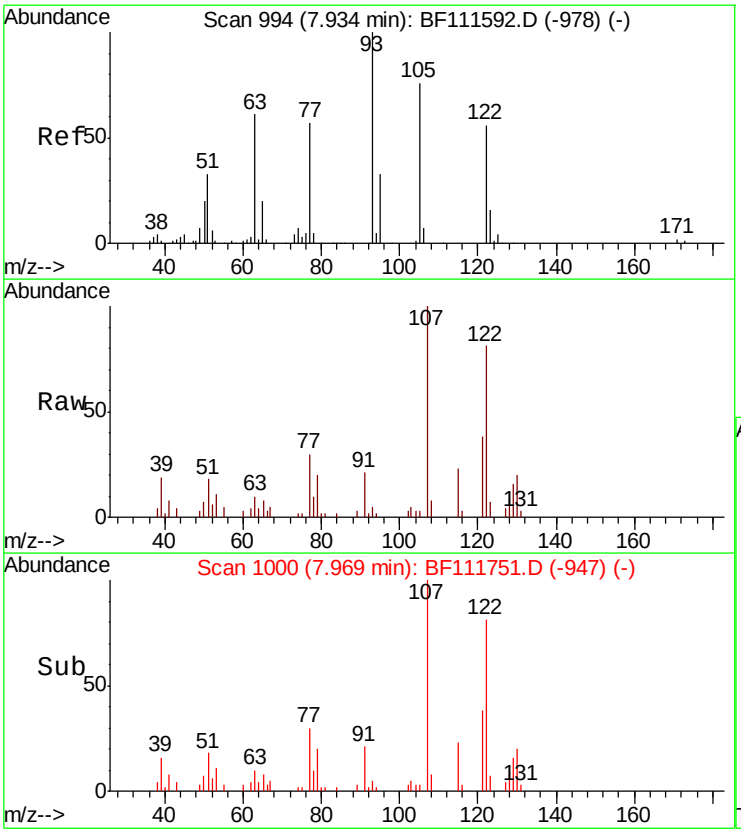
#31
Naphthalene
Concen: 81.760 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1740462

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.6	12.0	18.0

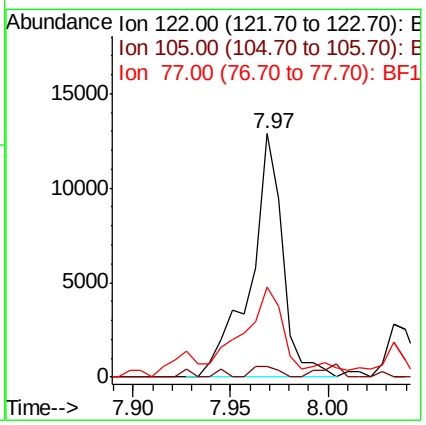


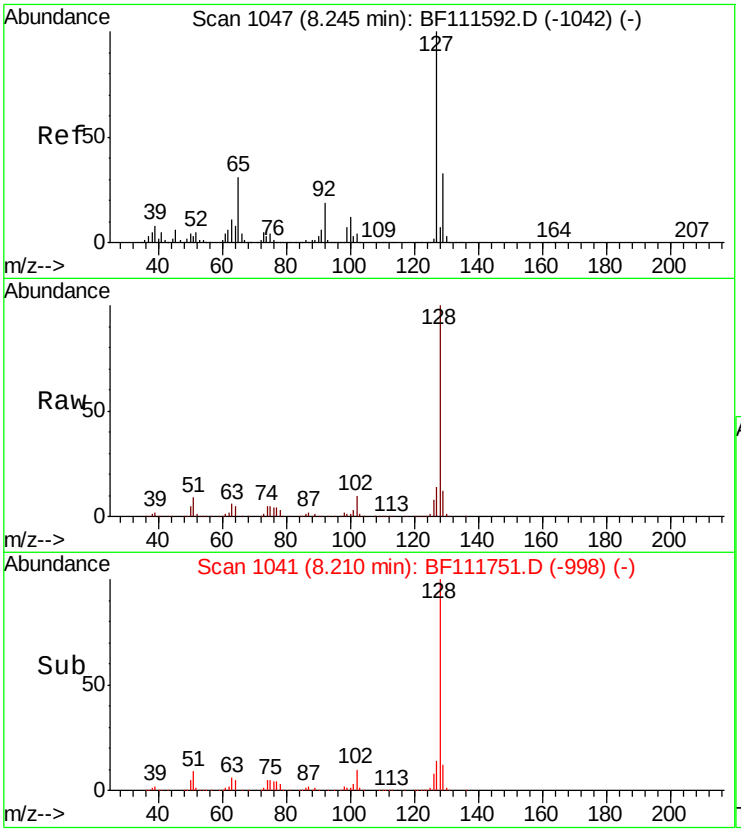


#32
Benzoic acid
Concen: 3.498 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:122 Resp: 14750

Ion	Ratio	Lower	Upper
122	100		
105	4.2	97.0	137.0#
77	37.2	65.7	105.7#



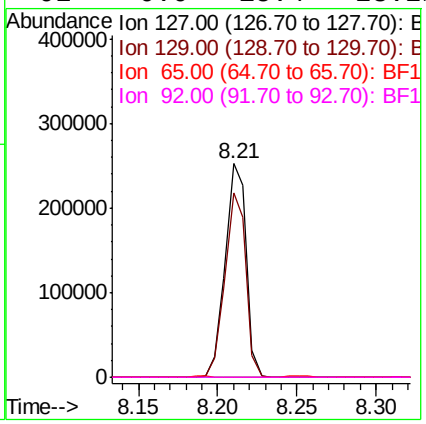


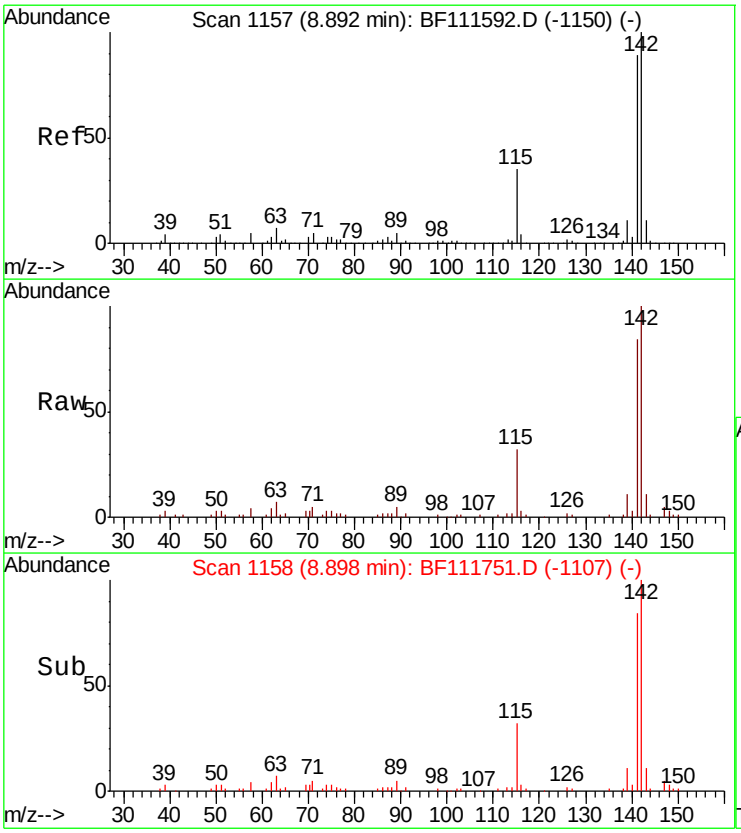
#33
4-Chloroaniline
Concen: 25.262 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 232431

Ion	Ratio	Lower	Upper
127	100		
129	86.6	26.6	39.8#
65	0.0	25.7	38.5#
92	0.0	15.4	23.2#

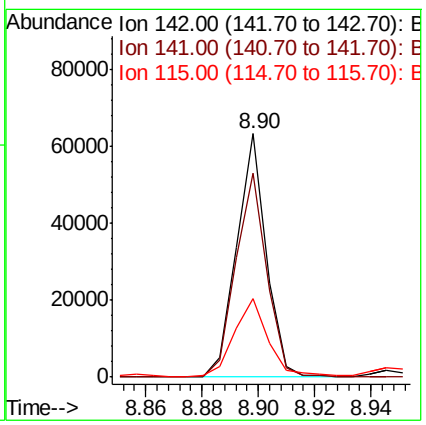


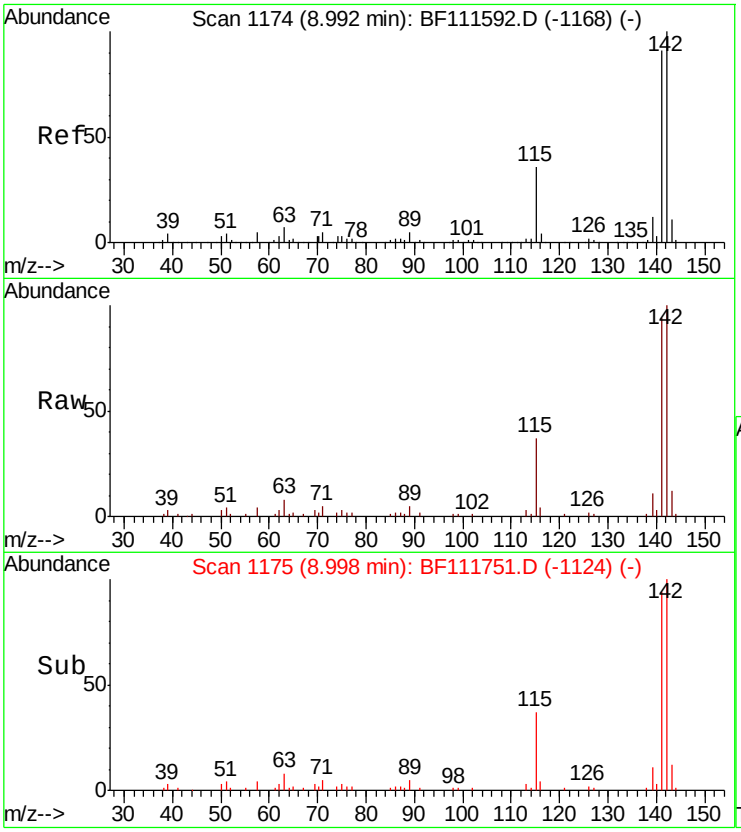


#37
2-Methylnaphthalene
Concen: 3.323 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:142 Resp: 46022

Ion	Ratio	Lower	Upper
142	100		
141	83.8	70.6	105.8
115	32.4	27.0	40.6



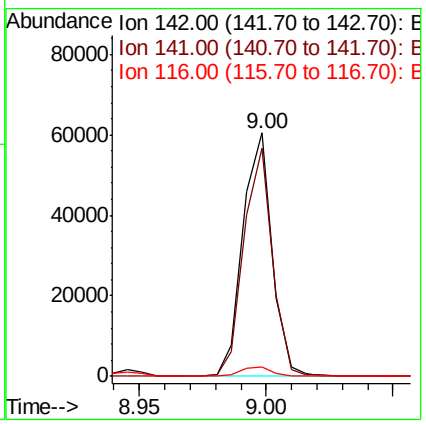


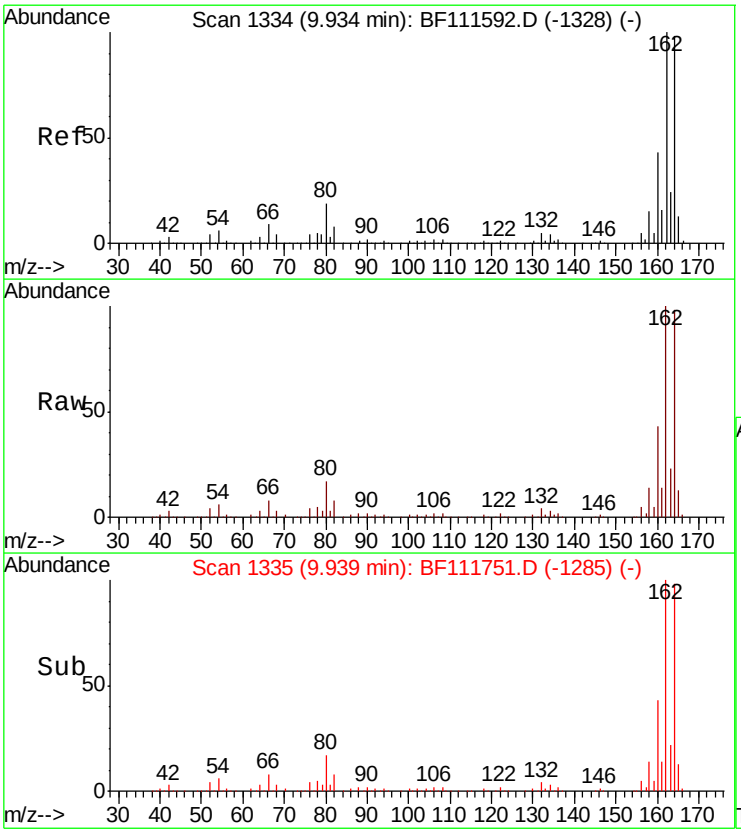
#38
1-Methylnaphthalene
Concen: 3.639 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 48409

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.2	111.4
116	3.8	2.9	4.3

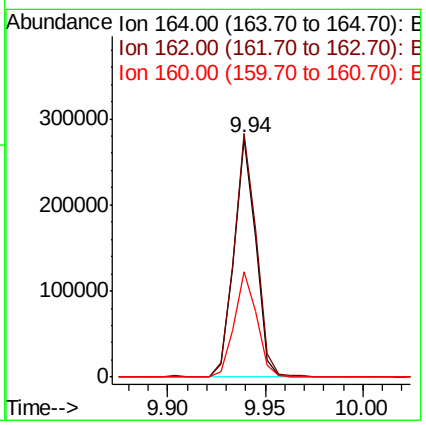


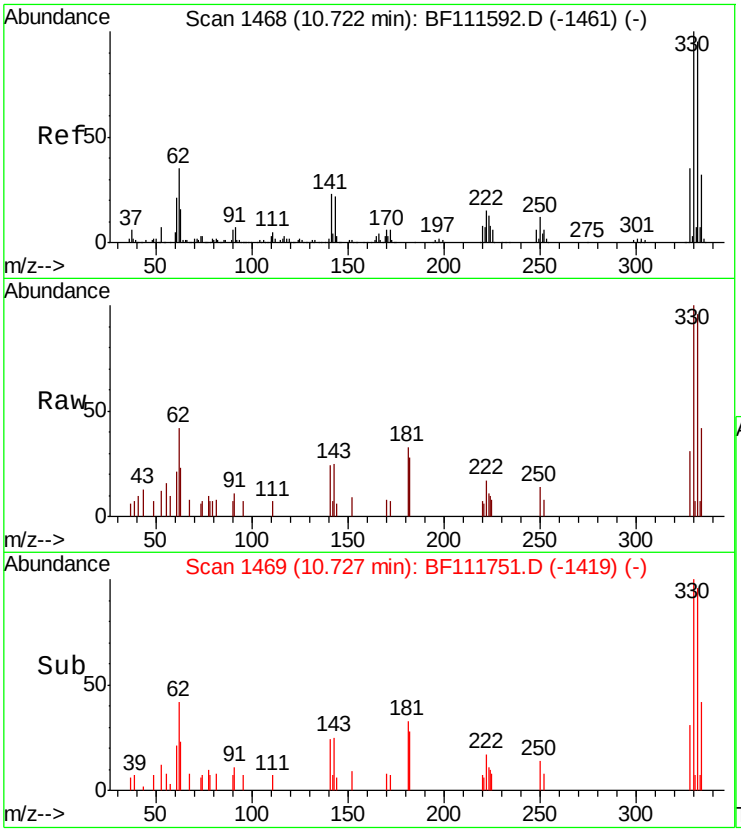


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:164 Resp: 213559

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.0	35.7	53.5



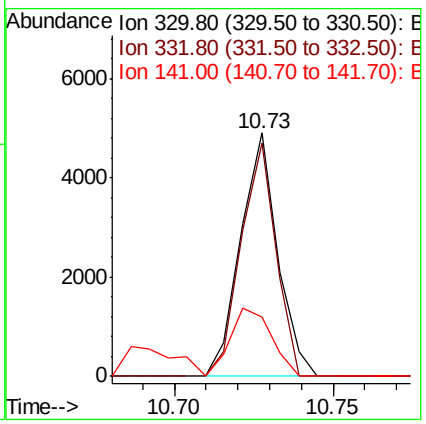


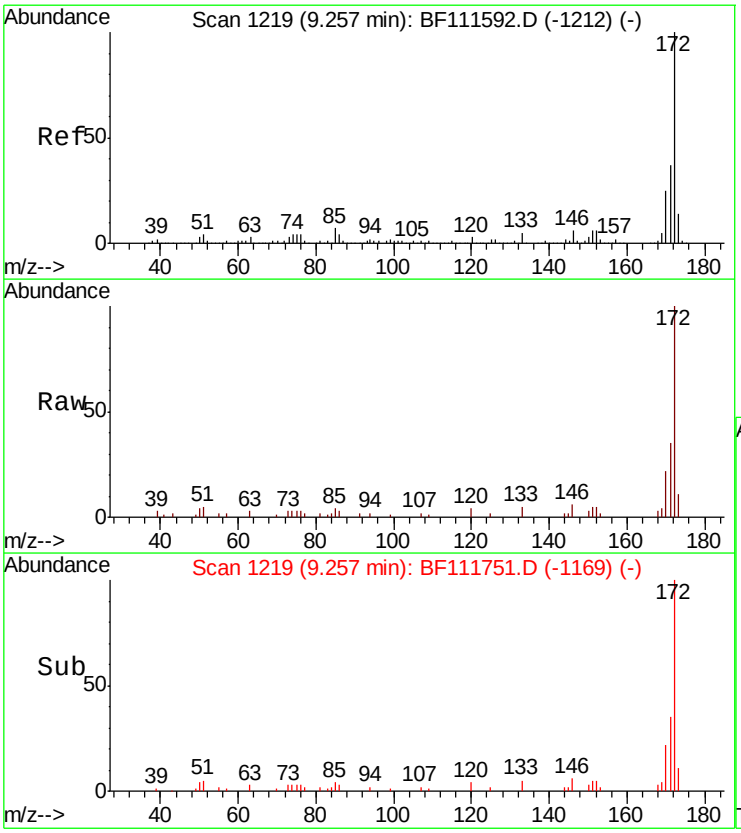
#42
2,4,6-Tribromophenol
Concen: 1.573 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 3968

Ion	Ratio	Lower	Upper
330	100		
332	89.9	76.0	114.0
141	31.0	31.0	46.6#

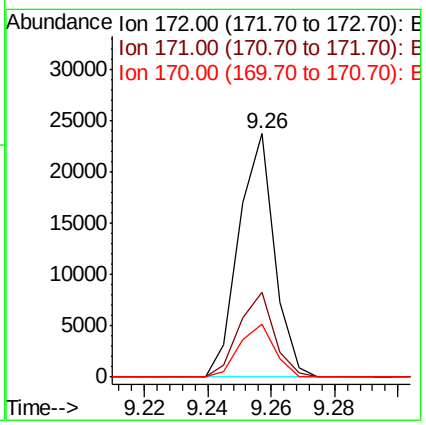


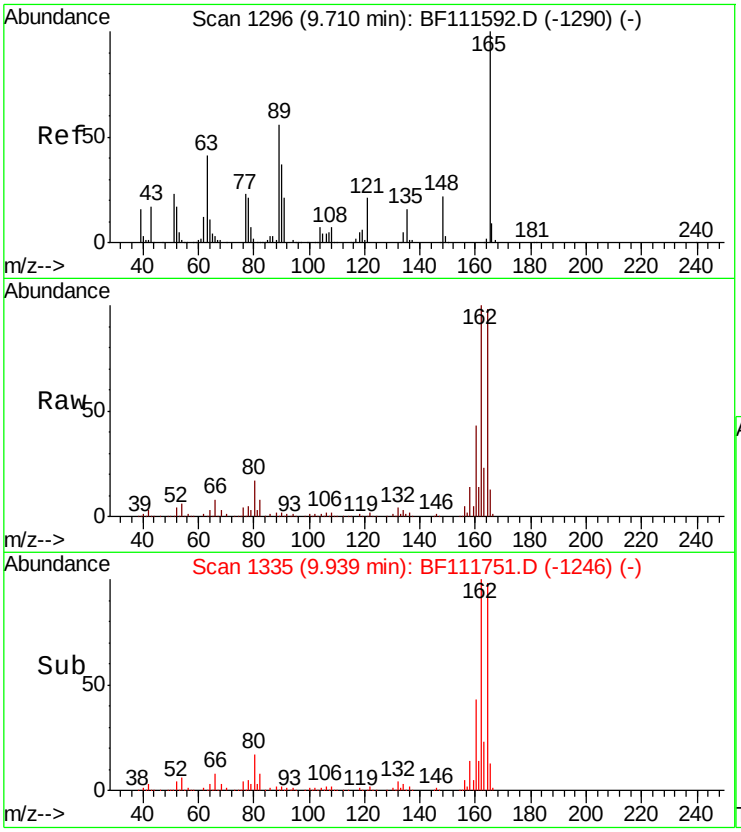


#45
2-Fluorobiphenyl
Concen: 1.258 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:172 Resp: 18431

Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	21.6	22.3	33.5#



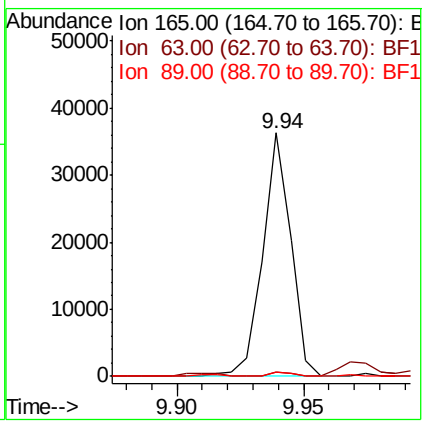


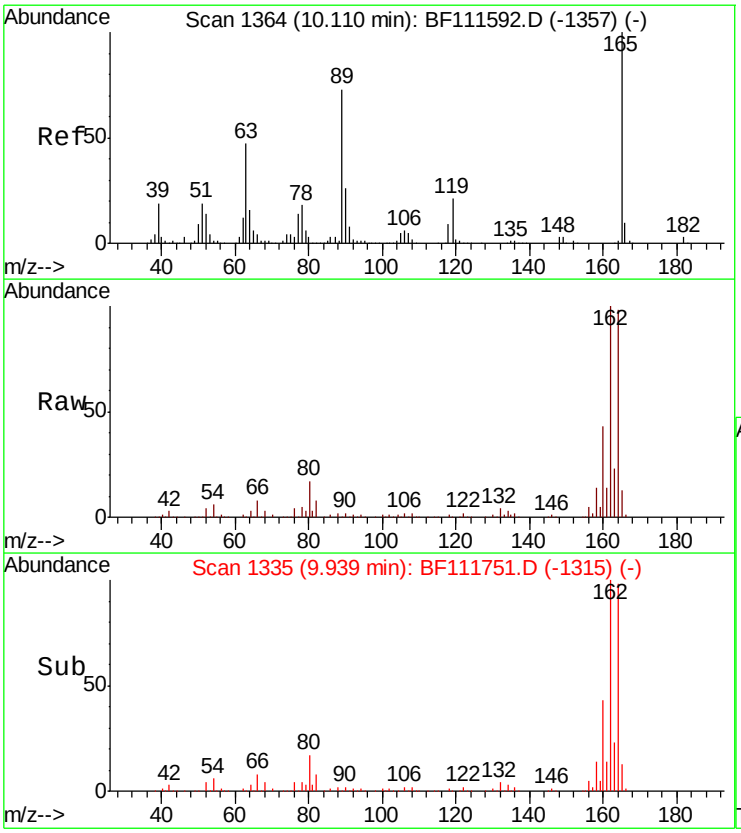
#51
2,6-Dinitrotoluene
Concen: 9.062 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28220

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.5	60.7#
89	1.7	40.0	60.0#

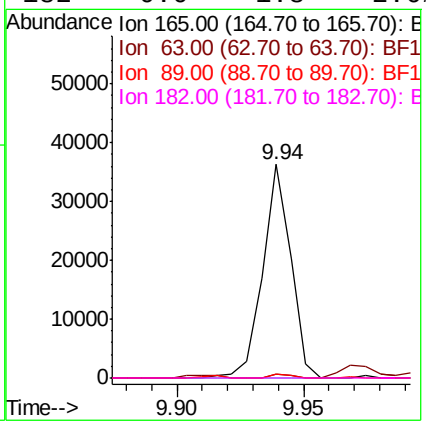


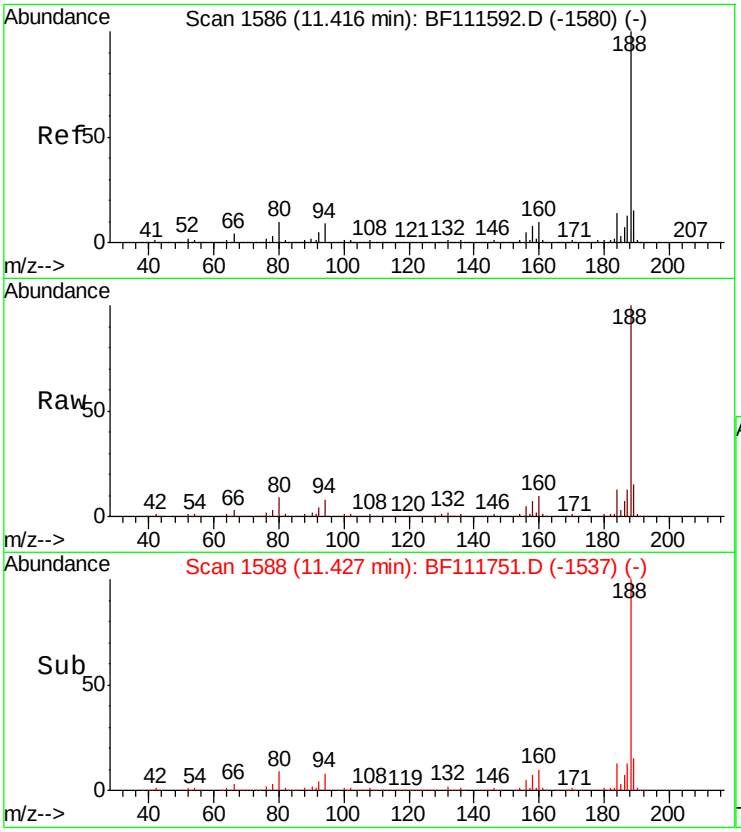


#57
2,4-Dinitrotoluene
Concen: 7.540 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:165 Resp: 28220

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	1.7	56.2	84.4#
182	0.0	1.8	2.6#



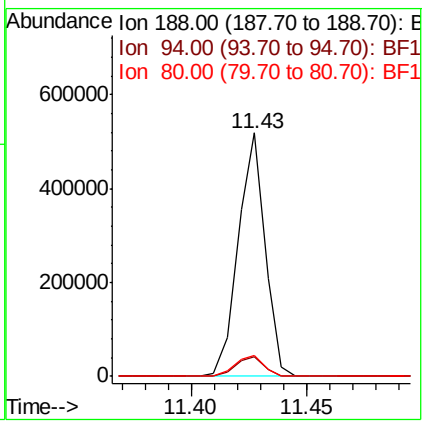


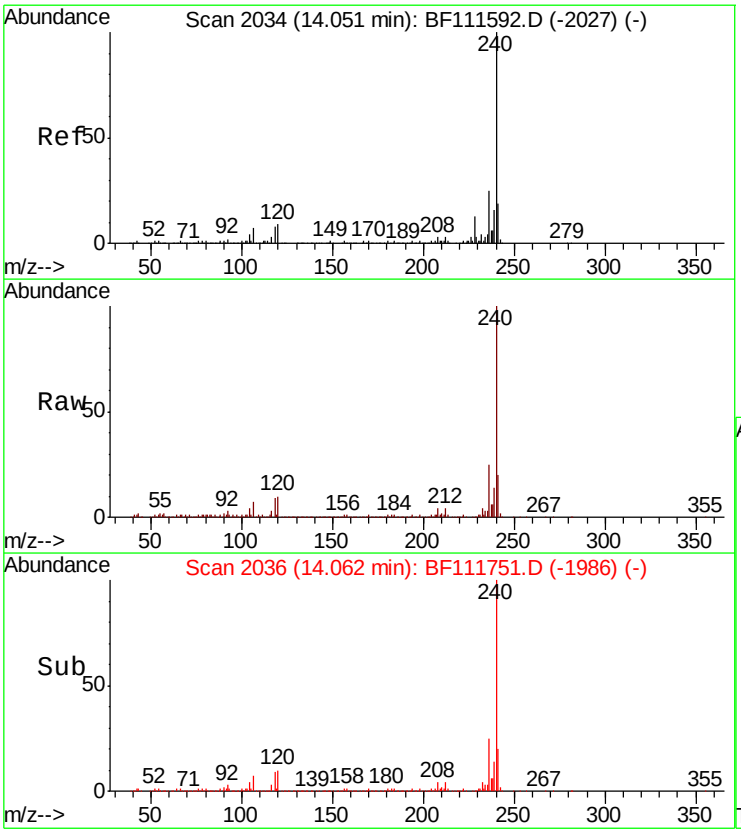
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 421249

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.6	14.4#
80	8.7	9.8	14.6#

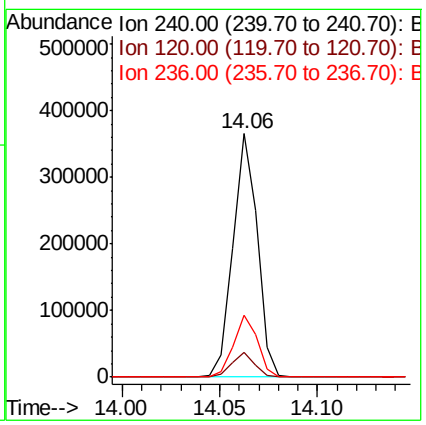


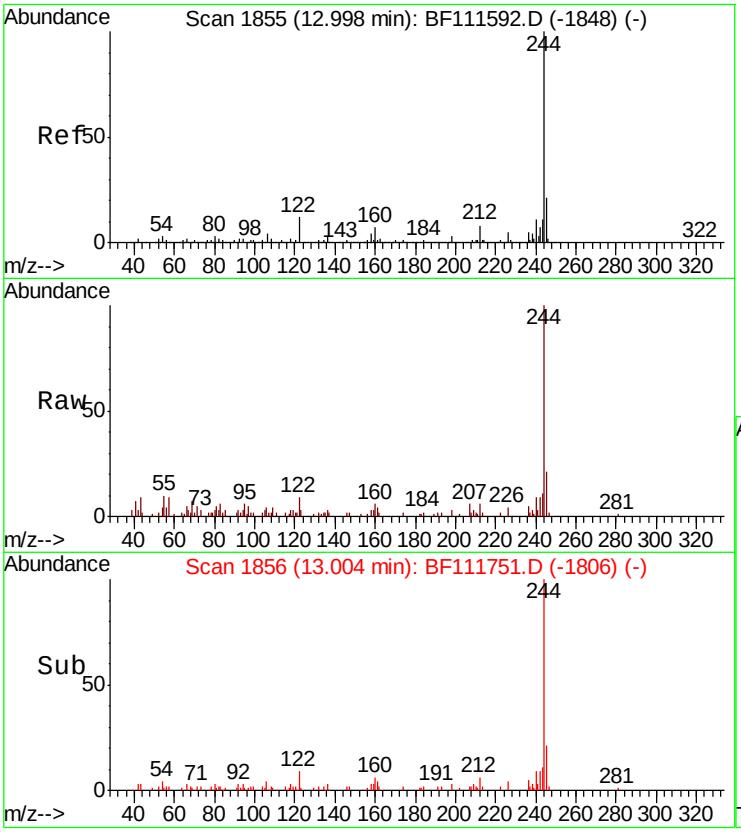


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:240 Resp: 314868

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	25.5	20.2	30.2



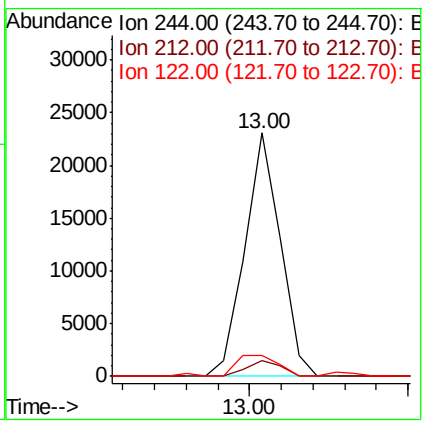


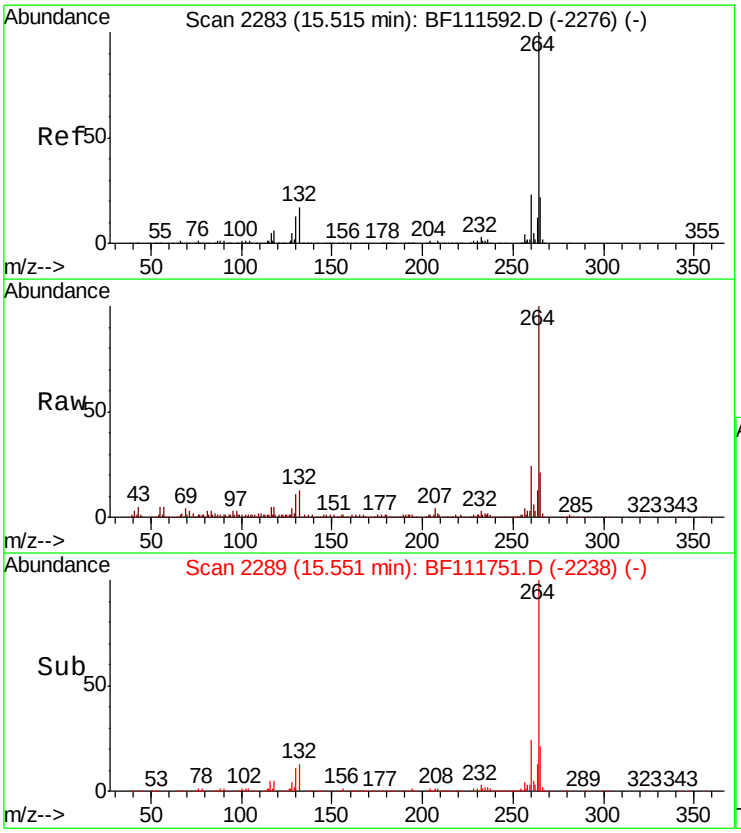
#79
Terphenyl-d14
Concen: 1.078 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 17897

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	8.6	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF111751.D
Acq: 27 Dec 2018 9:00

Tgt Ion:264 Resp: 246868

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.5	17.7	26.5