Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111357.D
Acq On : 13 Dec 2018 8:27
Operator : JU/SJ
Sample : J6328-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 09:55:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207817	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	785696	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	320112	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	528864	20.00	ng	0.00
76) Chrysene-d12	13.95	240	371079	20.00	ng	0.00
87) Perylene-d12	15.39	264	288936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	458920	37.34	ng	0.00
7) Phenol-d6	6.42	99	396353	23.92	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1192118	85.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	199835	70.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2050410	102.84	ng	0.00
79) Terphenyl-d14	12.90	244	1548092	91.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	1012	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	154850	14.064	ng	# 74
25) Isophorone	7.35	82	1177562	49.731	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	40151	7.869	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	40151	6.140	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	13161	2.235	ng	# 1
77) Benzidine	12.90	184	17836	2.547	ng	95

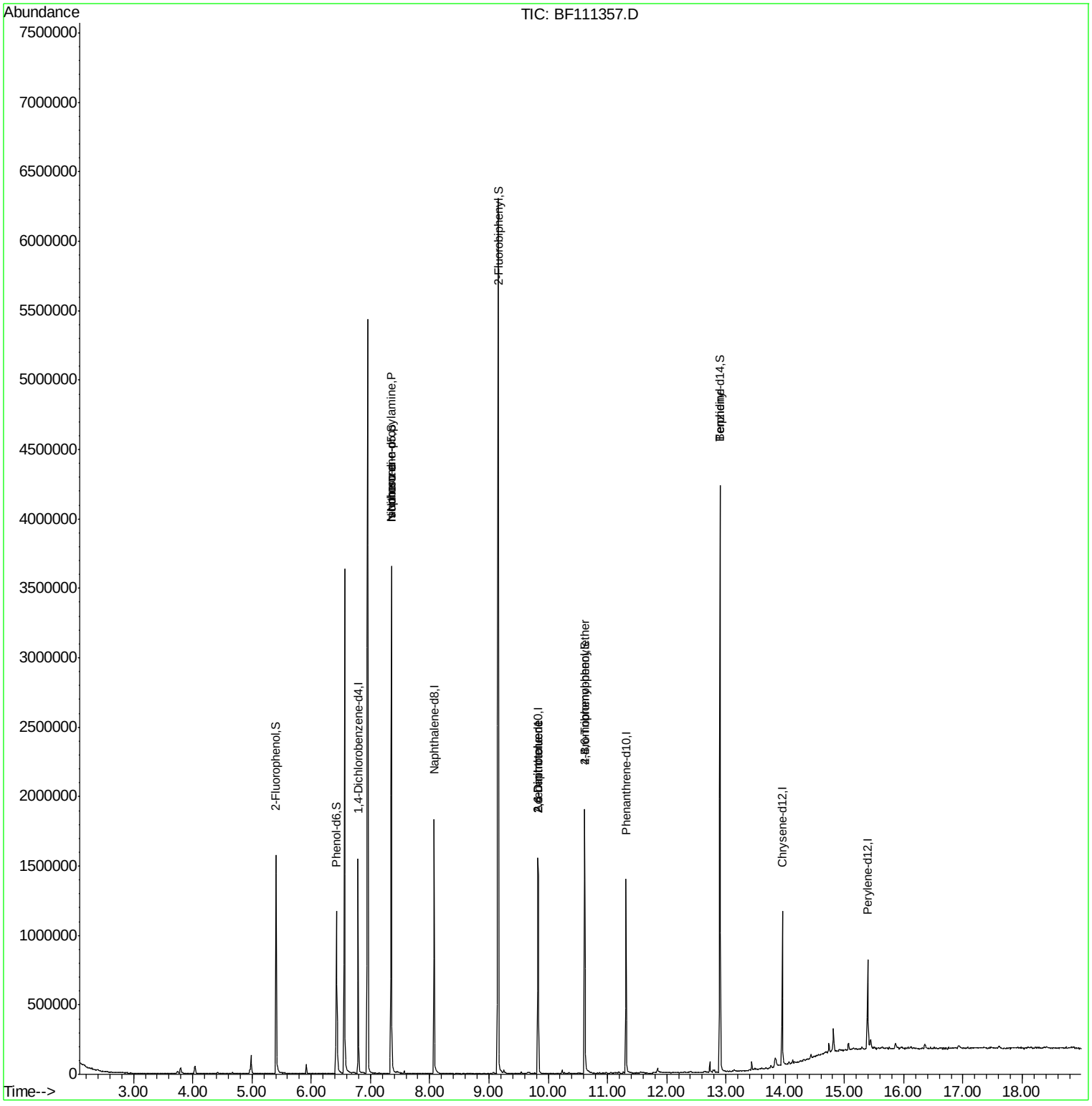
(#) = qualifier out of range (m) = manual integration (+) = signals summed

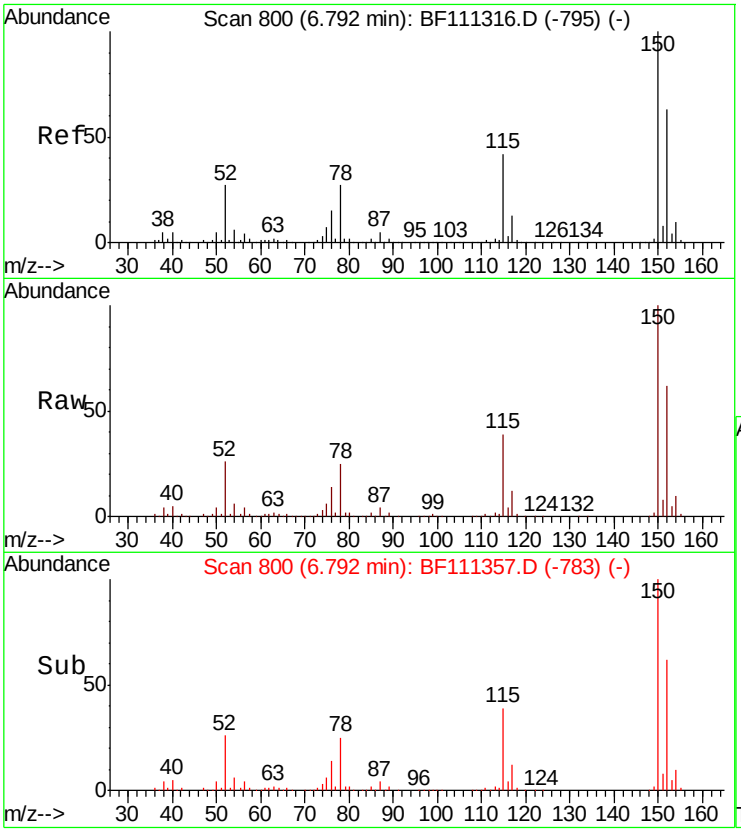
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111357.D
Acq On : 13 Dec 2018 8:27
Operator : JU/SJ
Sample : J6328-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 09:55:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration



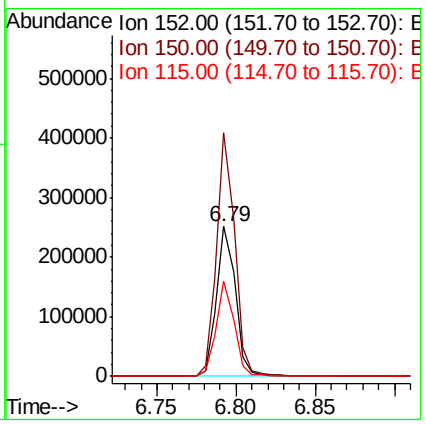


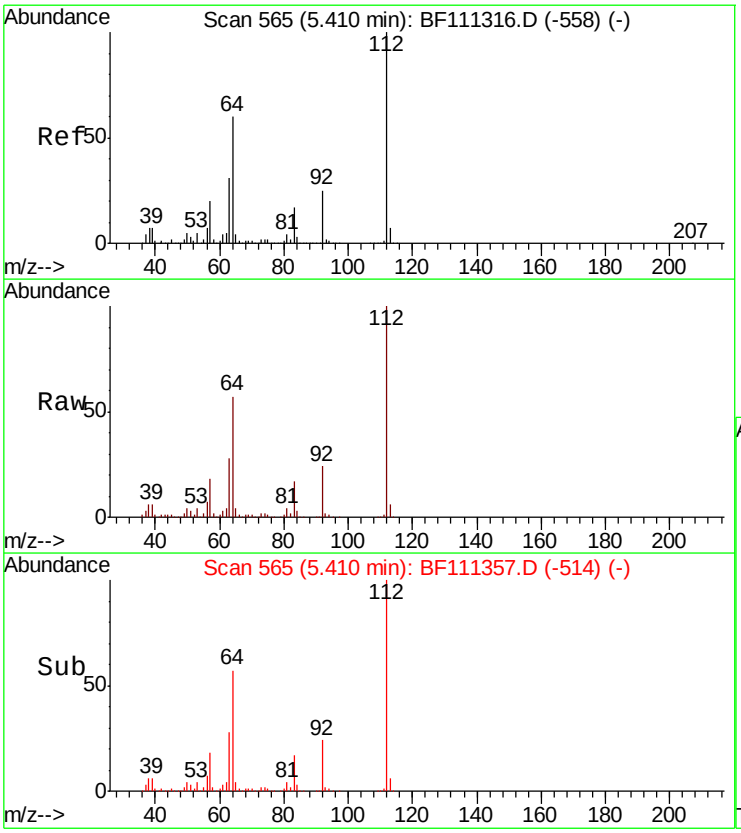
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 207817

Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.6	189.8
115	63.1	50.7	76.1

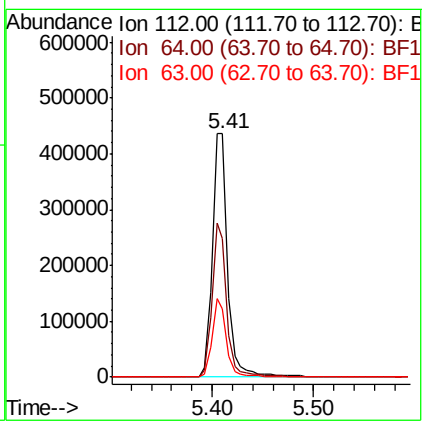


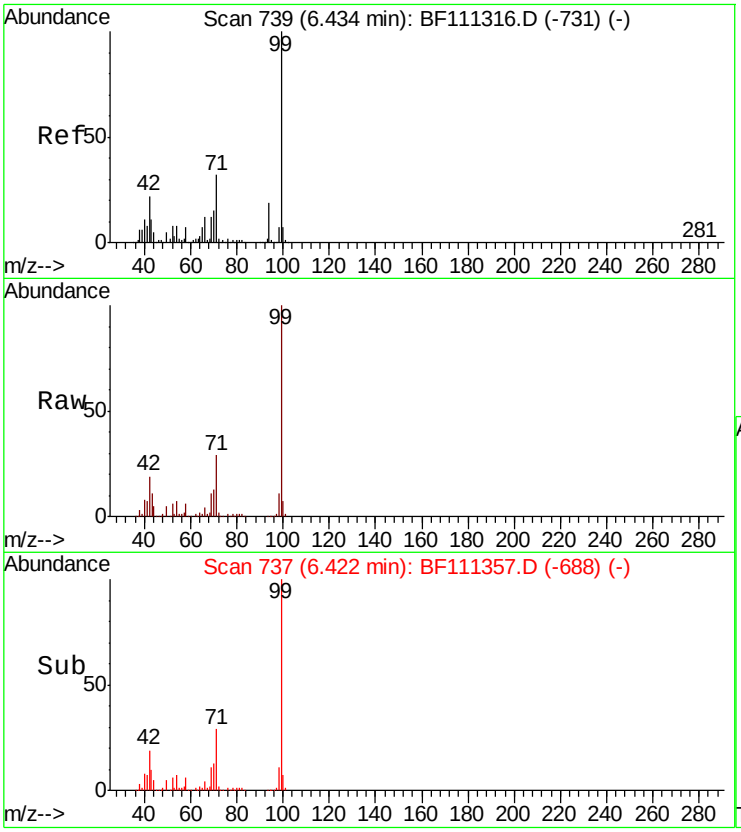


#5
2-Fluorophenol
Concen: 37.343 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:112 Resp: 458920

Ion	Ratio	Lower	Upper
112	100		
64	56.8	51.8	77.6
63	28.2	26.8	40.2



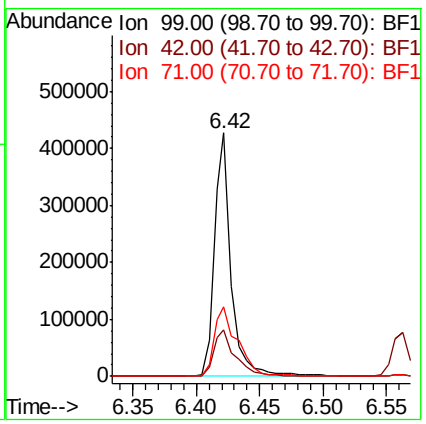


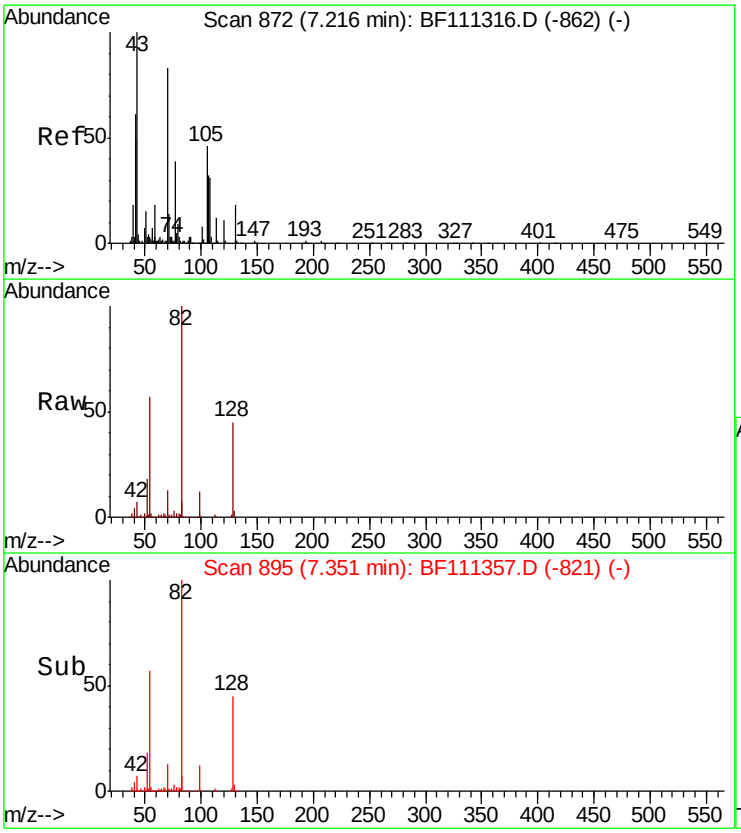
#7
Phenol-d6
Concen: 23.921 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 396353

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.4	26.0
71	28.8	26.1	39.1

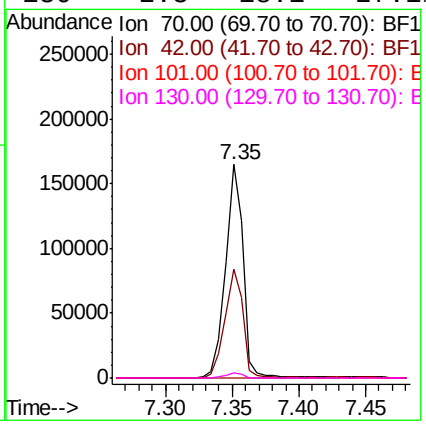


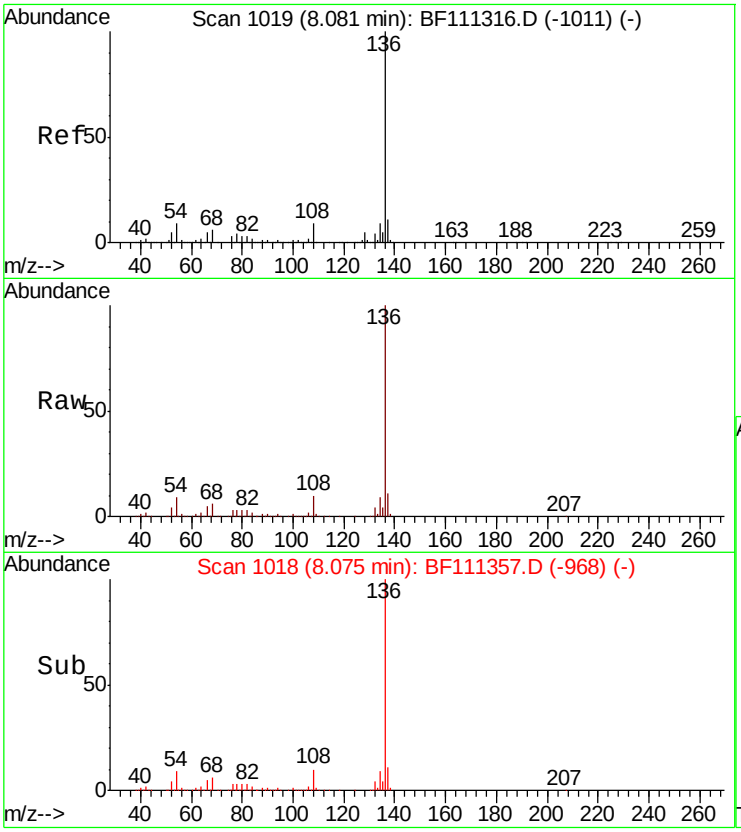


#19
n-Nitroso-di-n-propylamine
Concen: 14.064 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion: 70 Resp: 154850

Ion	Ratio	Lower	Upper
70	100		
42	50.7	53.2	79.8#
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



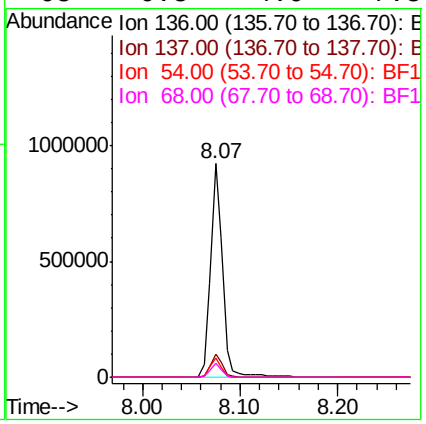


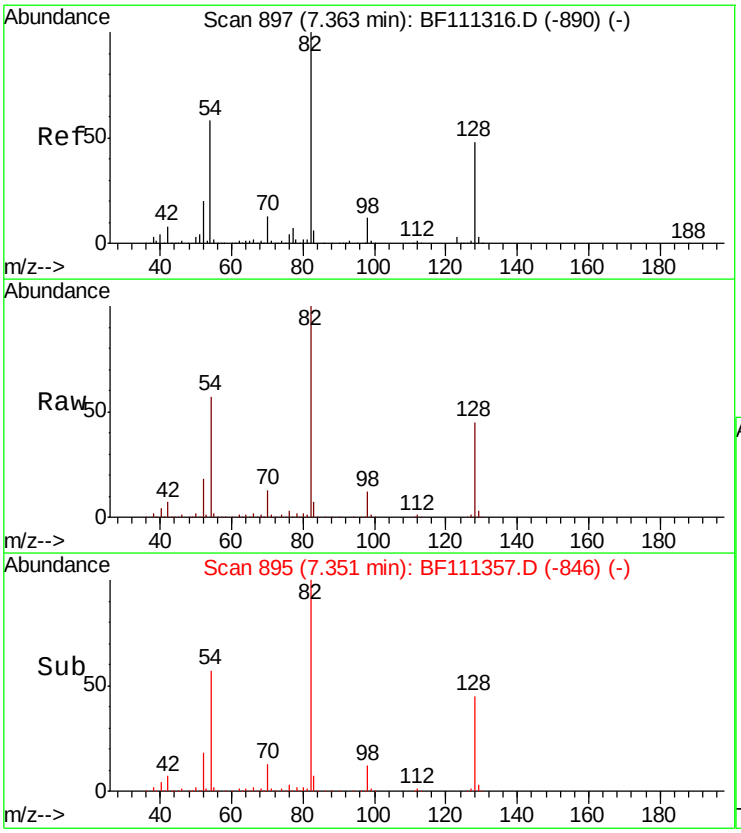
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 785696

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.9	7.7	11.5
68	6.3	4.9	7.3

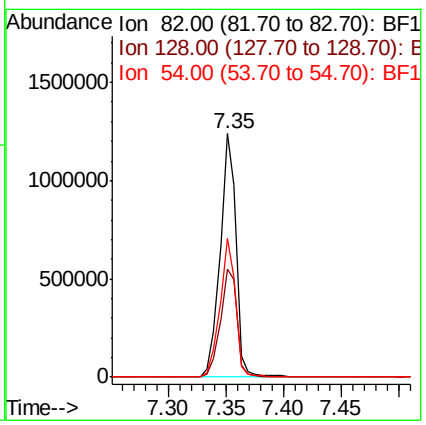


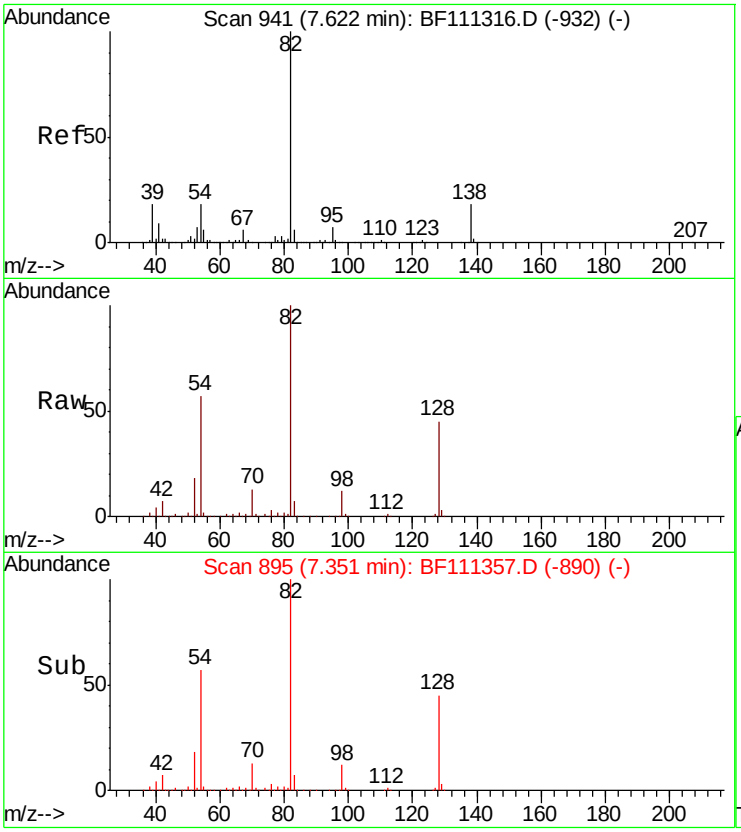


#23
Nitrobenzene-d5
Concen: 85.519 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion: 82 Resp: 1192118

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.4	56.2
54	56.9	47.6	71.4



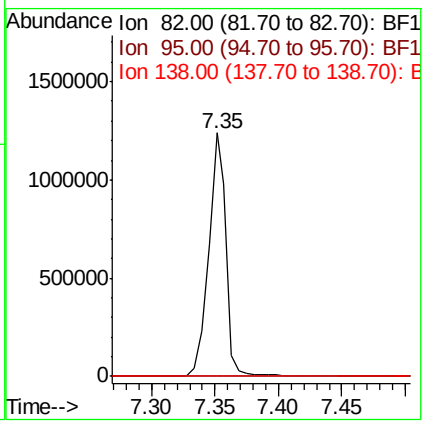


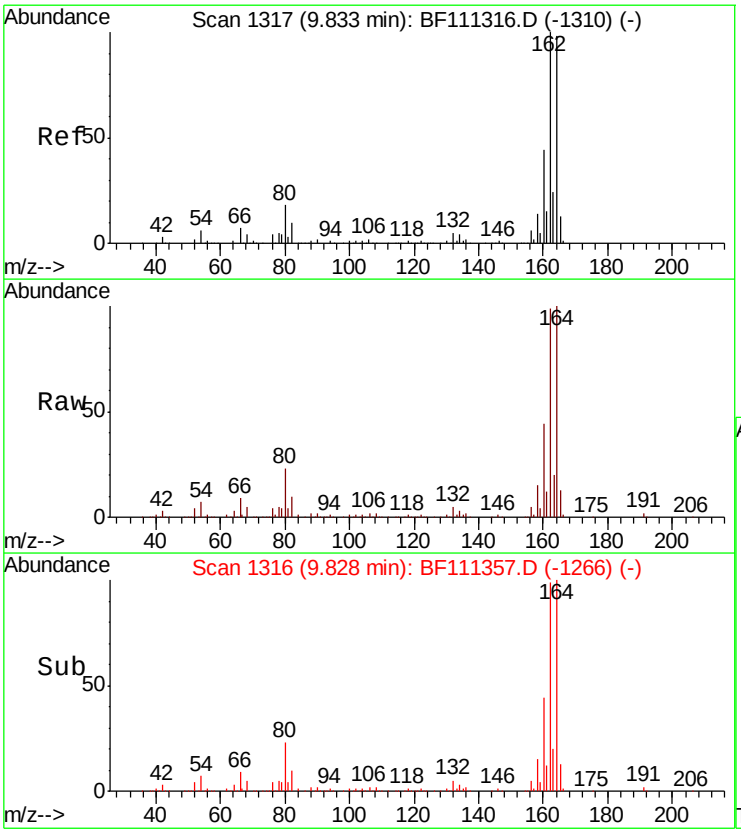
#25
Isophorone
Concen: 49.731 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1177562

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

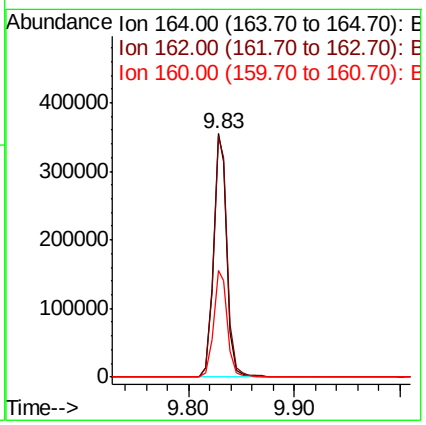


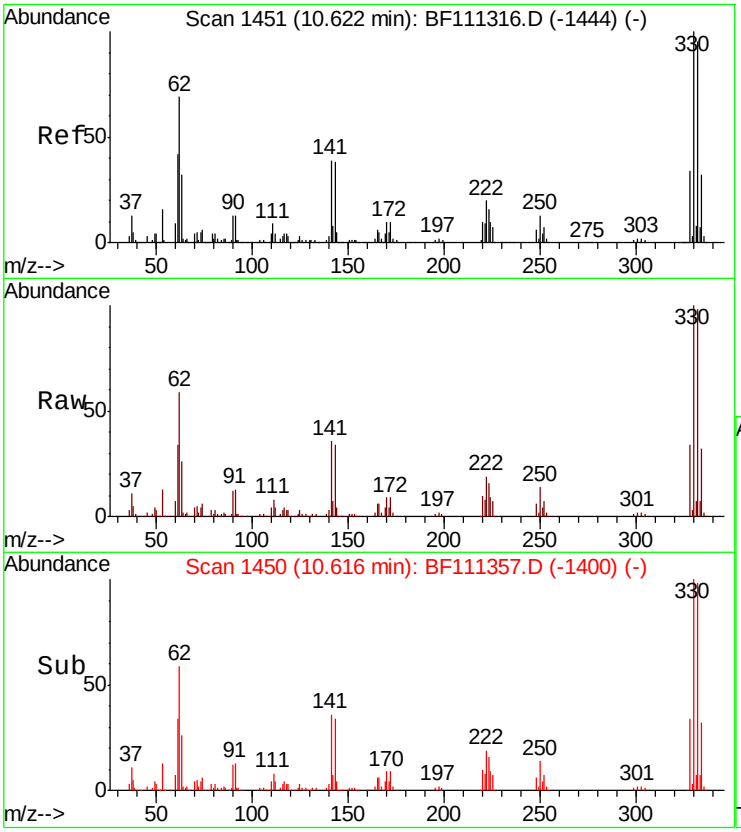


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:164 Resp: 320112

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.6	35.7	53.5



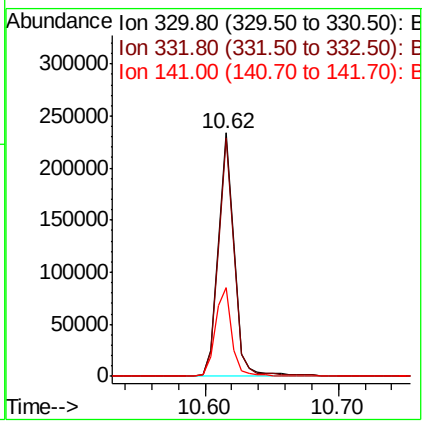


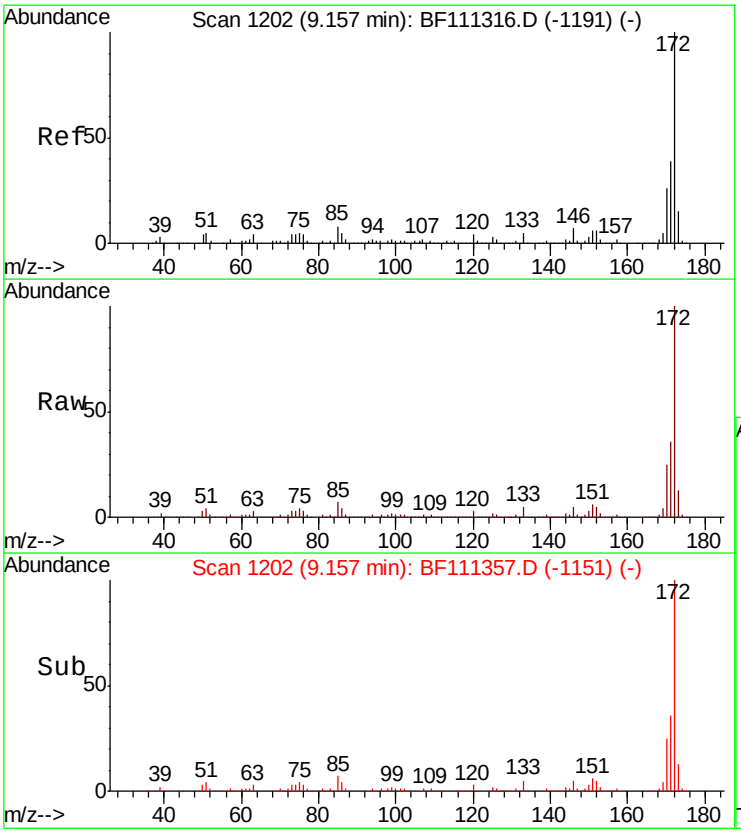
#42
2,4,6-Tribromophenol
Concen: 70.818 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 199835

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	37.6	31.0	46.6

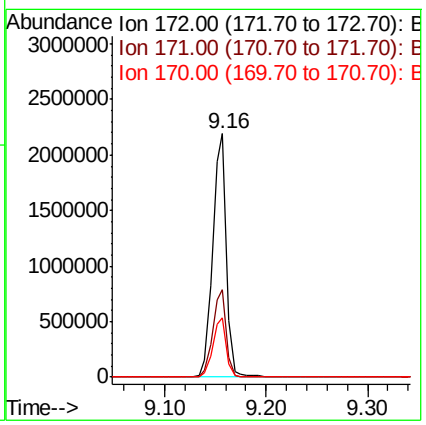


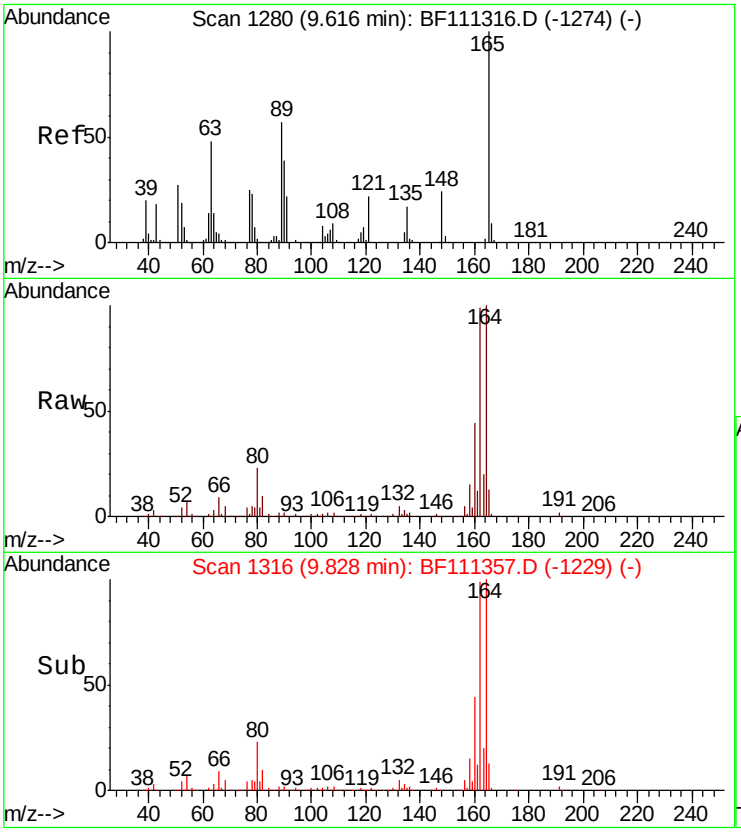


#45
2-Fluorobiphenyl
Concen: 102.836 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:172 Resp: 2050410

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.6	22.3	33.5



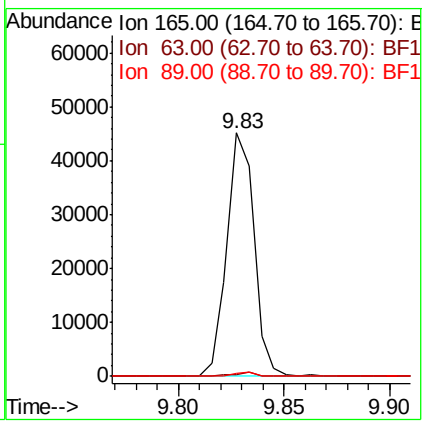


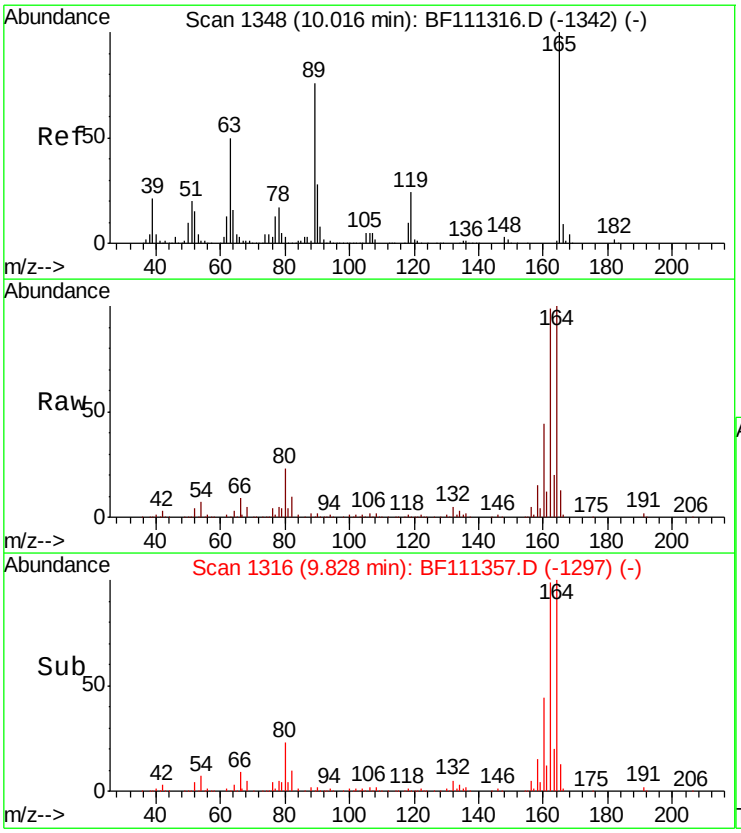
#51
2,6-Dinitrotoluene
Concen: 7.869 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40151

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.5	60.7#
89	1.1	40.0	60.0#

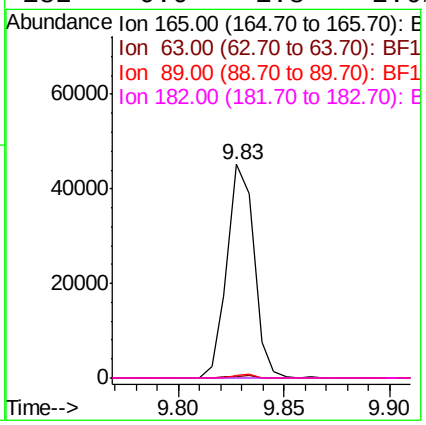


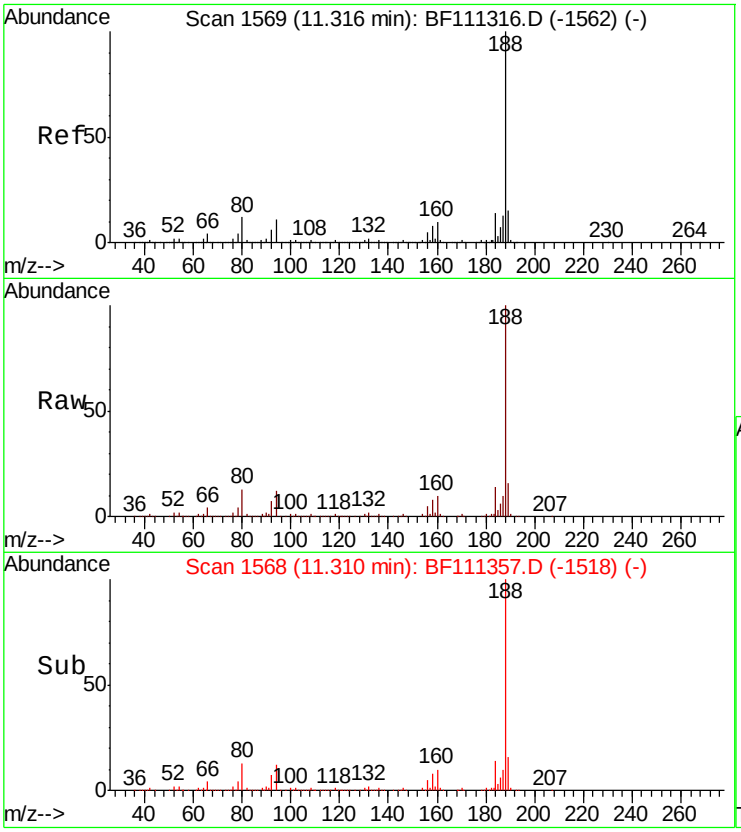


#57
2,4-Dinitrotoluene
Concen: 6.140 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:165 Resp: 40151

Ion	Ratio	Lower	Upper
165	100		
63	0.7	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



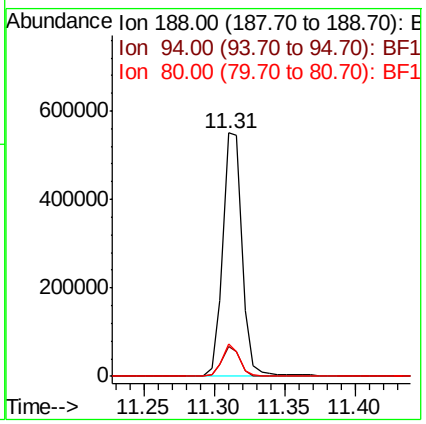


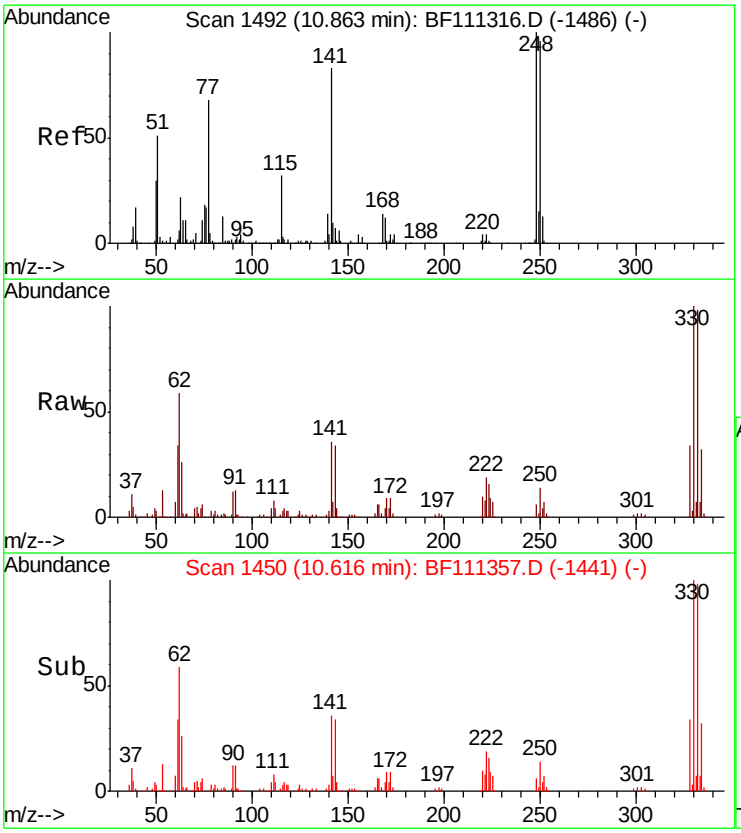
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 528864

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.6	14.4
80	13.2	9.8	14.6

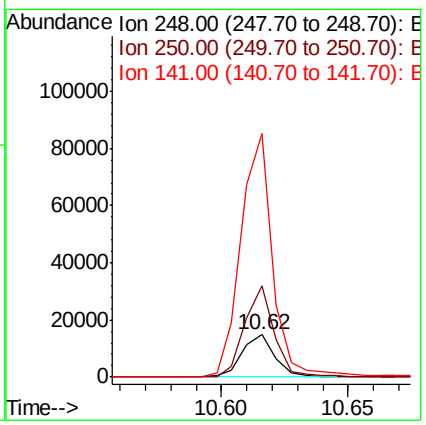


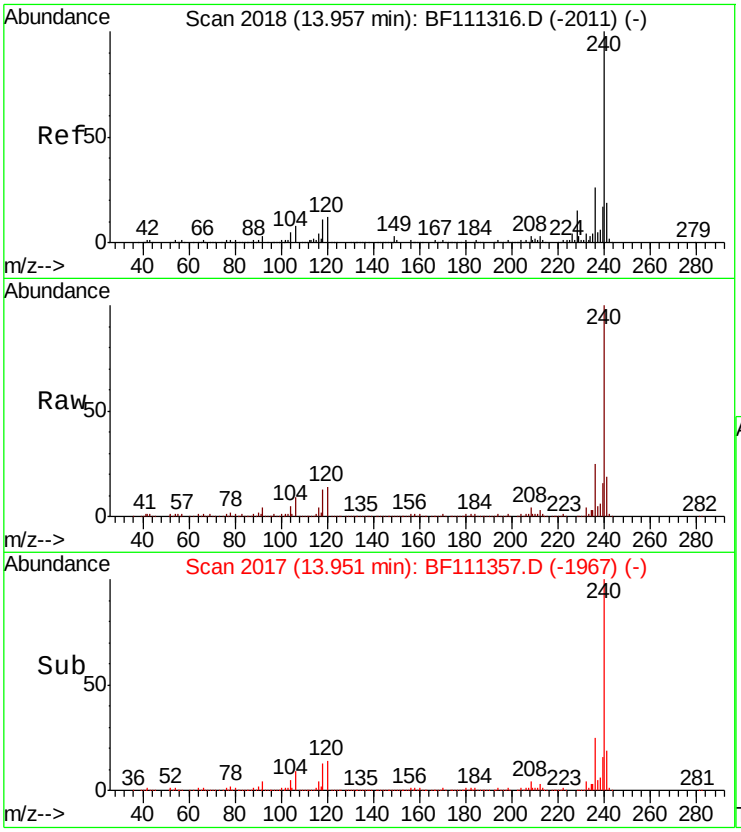


#67
4-Bromophenyl-phenylether
Concen: 2.235 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:248 Resp: 13161

Ion	Ratio	Lower	Upper
248	100		
250	216.9	77.0	115.4#
141	578.9	63.0	94.6#



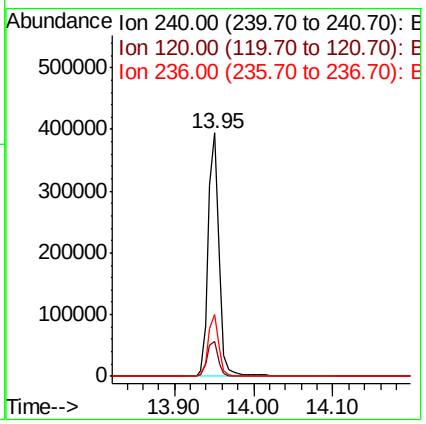


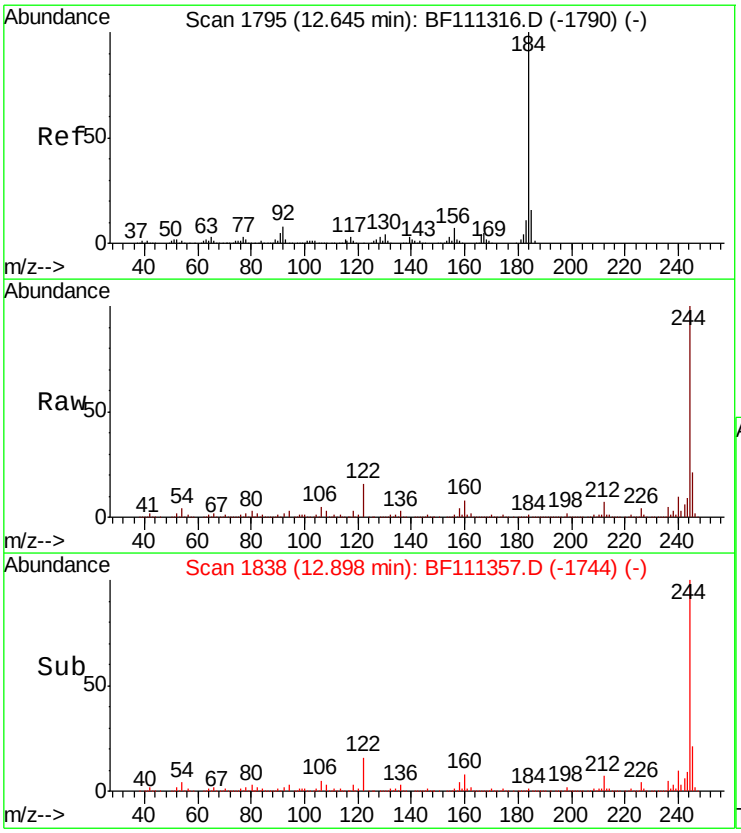
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 371079

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.2	18.2
236	25.2	20.2	30.2

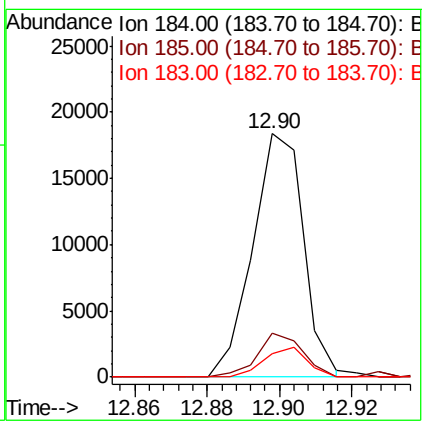


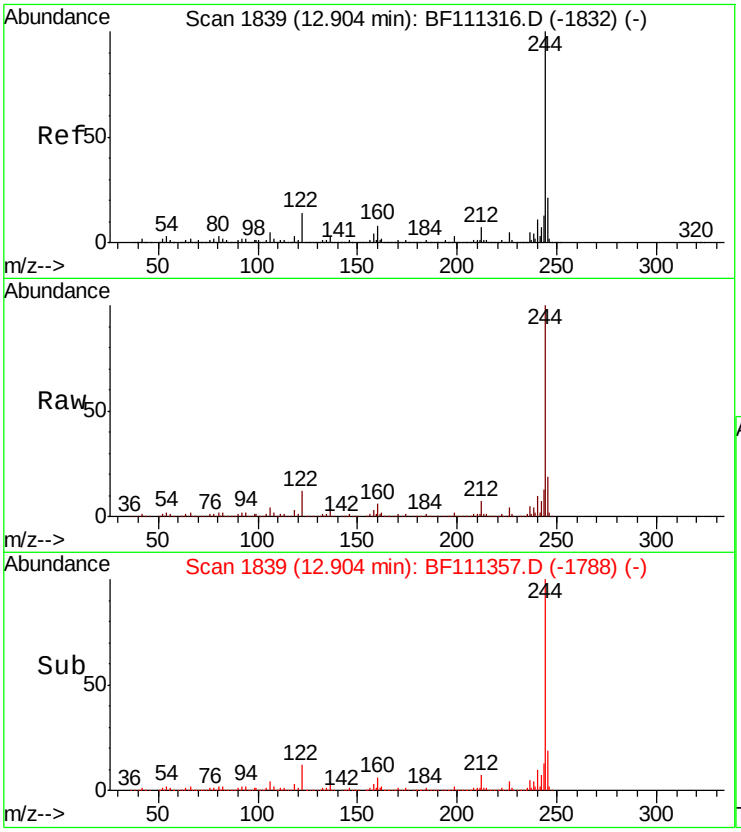


#77
Benzidine
Concen: 2.547 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:184 Resp: 17836

Ion	Ratio	Lower	Upper
184	100		
185	18.1	13.0	19.6
183	9.5	9.3	13.9



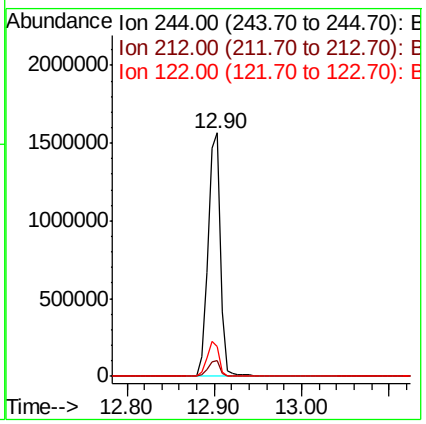


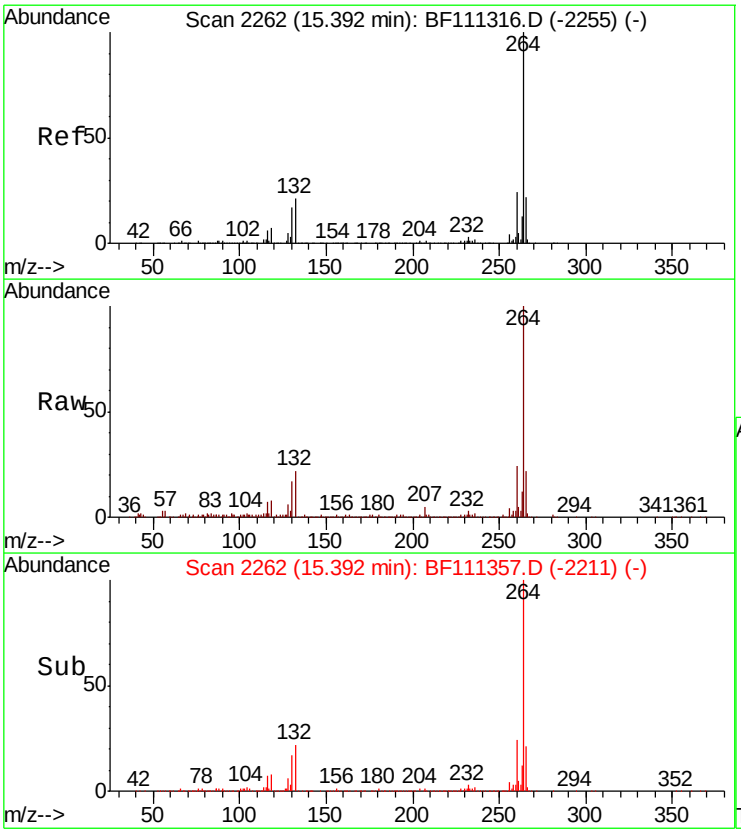
#79
Terphenyl-d14
Concen: 91.820 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1548092

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.5	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111357.D
Acq: 13 Dec 2018 8:27

Tgt Ion:264 Resp: 288936

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.7	17.7	26.5