Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111064.D
Acq On : 28 Nov 2018 23:52
Operator : JU/SJ
Sample : J6085-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-OILY-STONE

Quant Time: Nov 29 01:30:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	4983	20.00	ng	0.01
21) Naphthalene-d8	8.23	136	21194	20.00	ng	0.01
39) Acenaphthene-d10	9.98	164	11392	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	13852	20.00	ng	0.00
76) Chrysene-d12	14.14	240	12051	20.00	ng	0.00
87) Perylene-d12	15.69	264	8671	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	16888	56.20	ng	0.04
7) Phenol-d6	6.59	99	28728	73.36	ng	0.02
23) Nitrobenzene-d5	7.54	82	17587	47.49	ng	0.03
42) 2,4,6-Tribromophenol	10.78	330	4492	39.70	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	43007	54.69	ng	0.00
79) Terphenyl-d14	13.05	244	33988	54.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	258	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.55	70	2189	8.582	ng	# 86
25) Isophorone	7.54	82	17587	28.951	ng	# 67
53) 3-Nitroaniline	9.99	138	1266	5.840	ng	# 1
56) 4-Nitrophenol	10.15	139	640	9.267	ng	# 1
57) 2,4-Dinitrotoluene	10.19	165	688	2.851	ng	# 17
61) 4-Chlorophenyl-phenylether	10.52	204	826	2.004	ng	# 1
62) 4-Nitroaniline	10.37	138	795	3.939	ng	93
66) n-Nitrosodiphenylamine	10.60	169	1484	3.218	ng	93
69) Atrazine	11.17	200	662	5.169	ng	# 1
70) Pentachlorophenol	11.07	266	262	4.098	ng	# 19

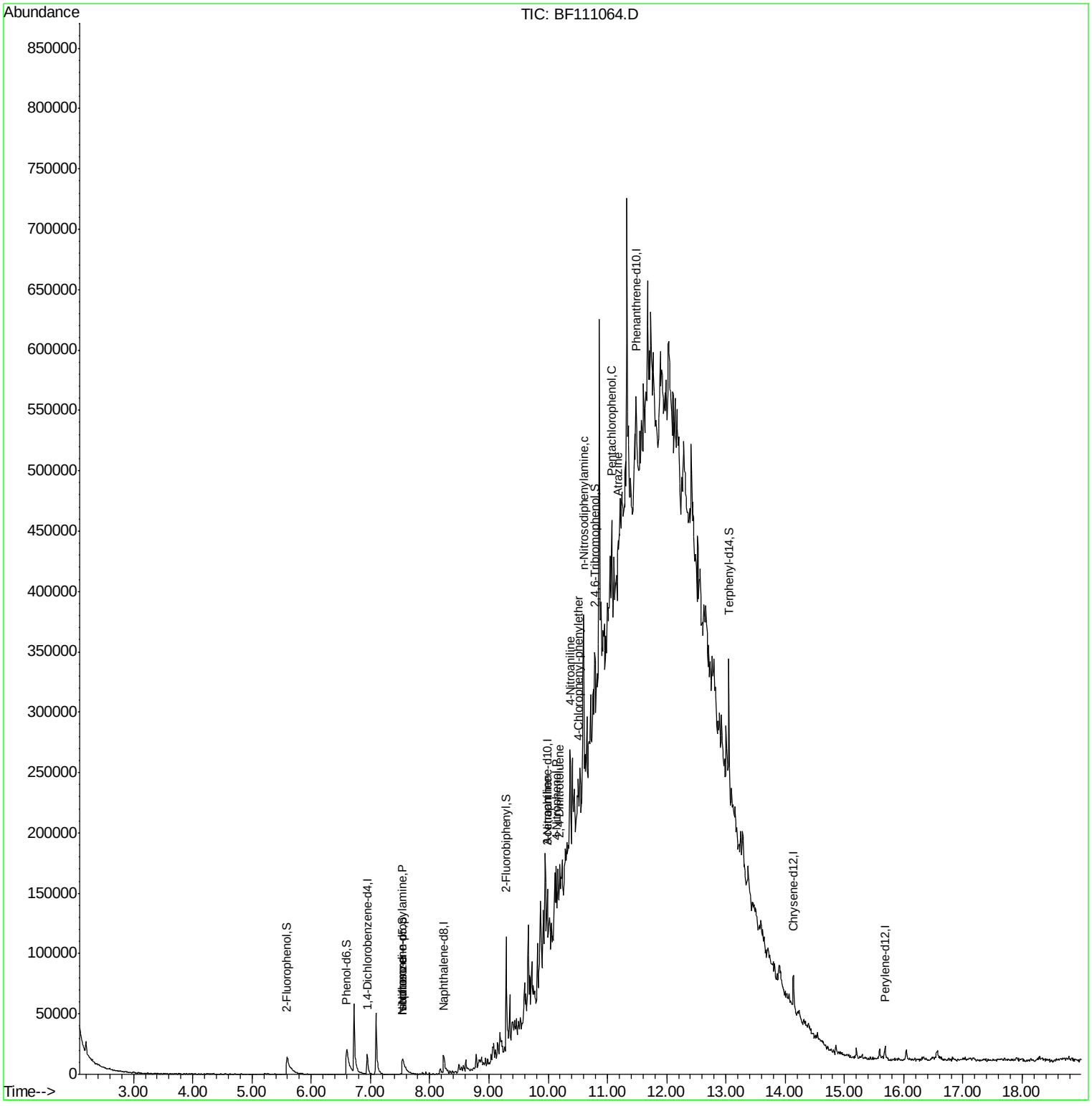
(#) = qualifier out of range (m) = manual integration (+) = signals summed

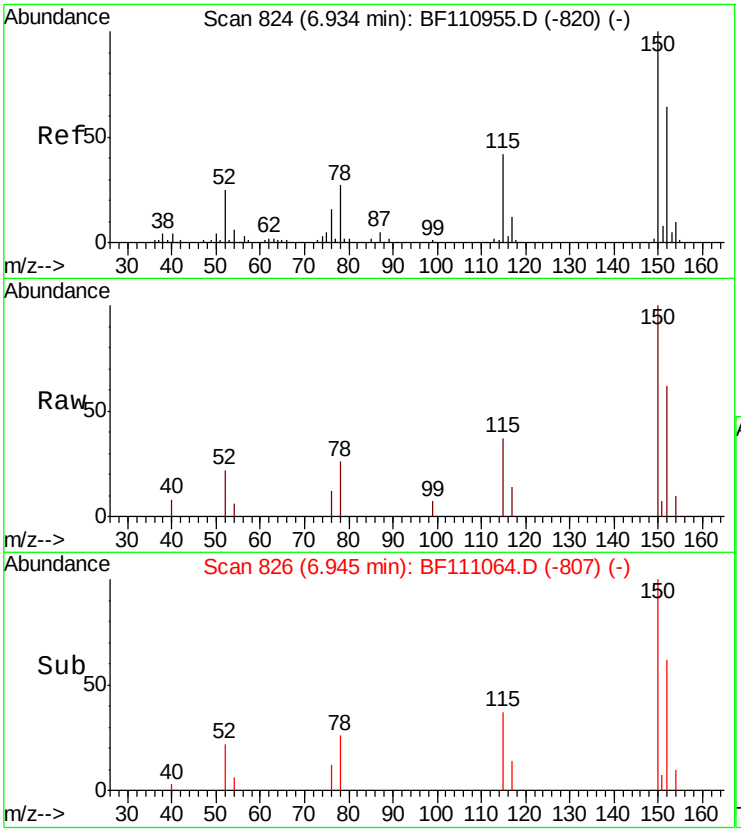
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
Data File : BF111064.D
Acq On : 28 Nov 2018 23:52
Operator : JU/SJ
Sample : J6085-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Quant Time: Nov 29 01:30:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration



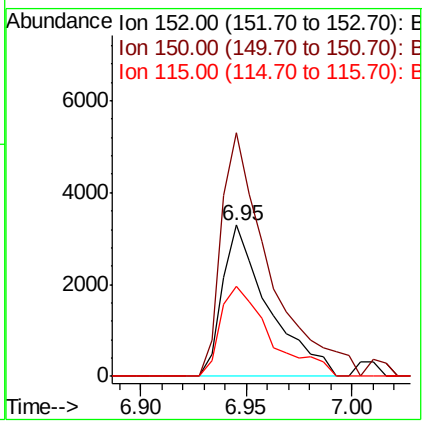


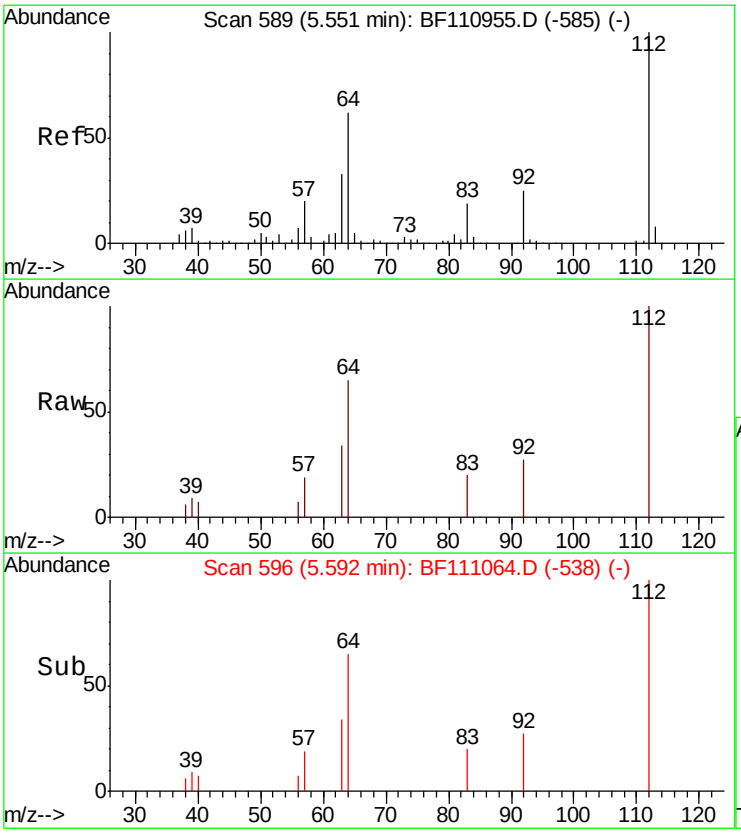
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:152 Resp: 4983

Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.7	184.1
115	59.5	49.1	73.7

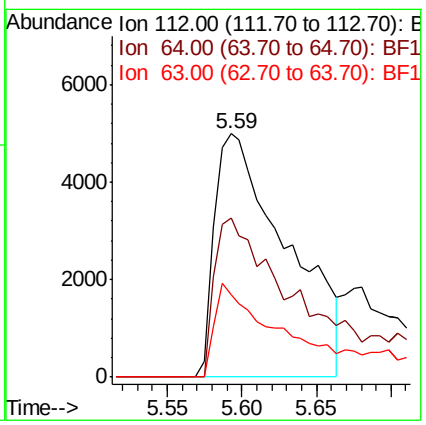


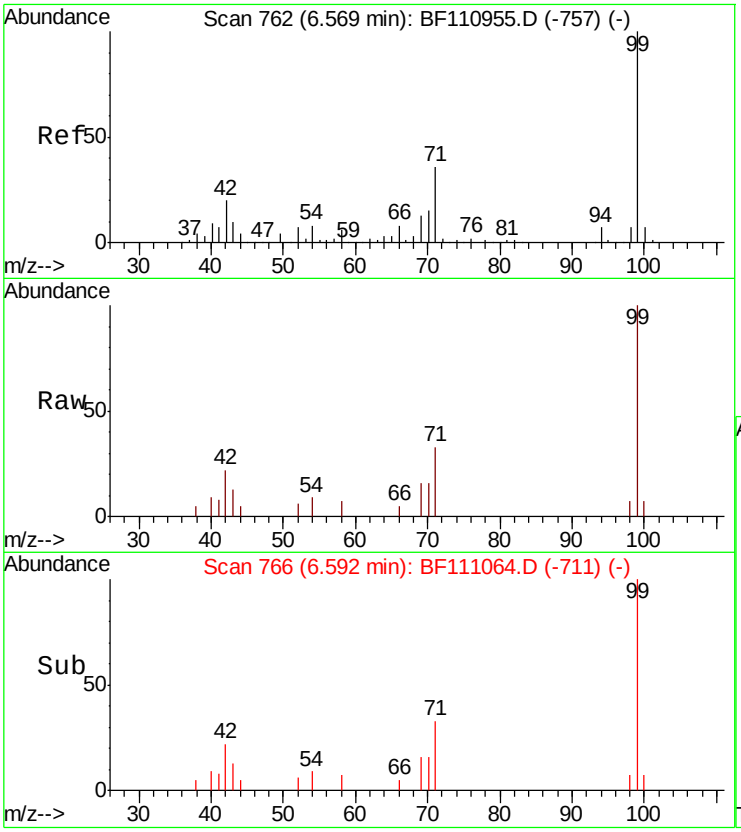


#5
2-Fluorophenol
Concen: 56.202 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.04 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:112 Resp: 16888

Ion	Ratio	Lower	Upper
112	100		
64	65.3	44.1	66.1
63	34.1	23.7	35.5



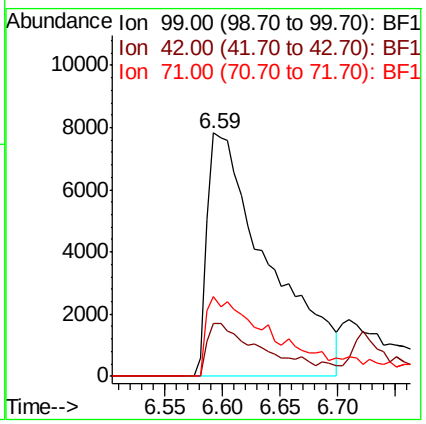


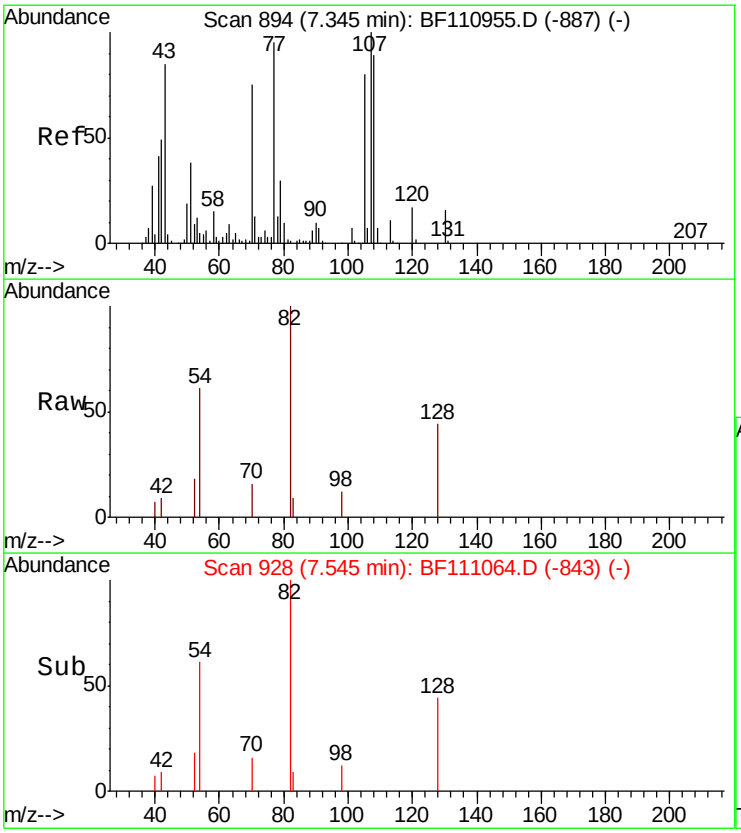
#7
Phenol-d6
Concen: 73.364 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.02 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion: 99 Resp: 28728

Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.8	23.6
71	32.7	28.0	42.0

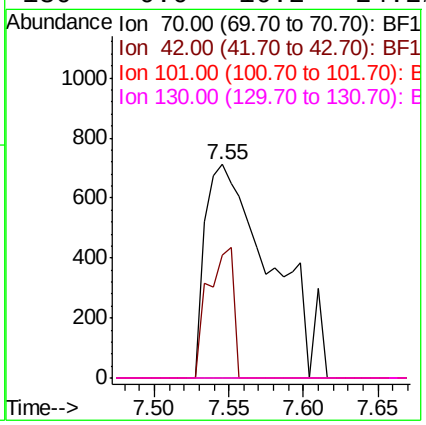


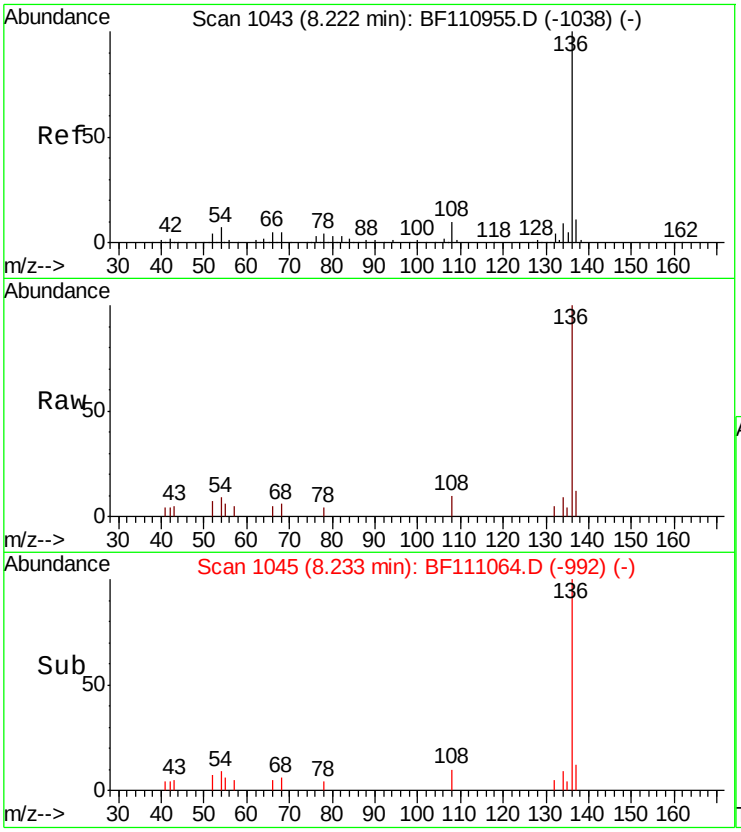


#19
n-Nitroso-di-n-propylamine
Concen: 8.582 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.20 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion: 70 Resp: 2189

Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



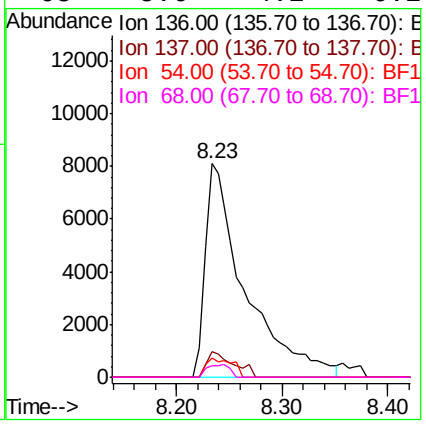


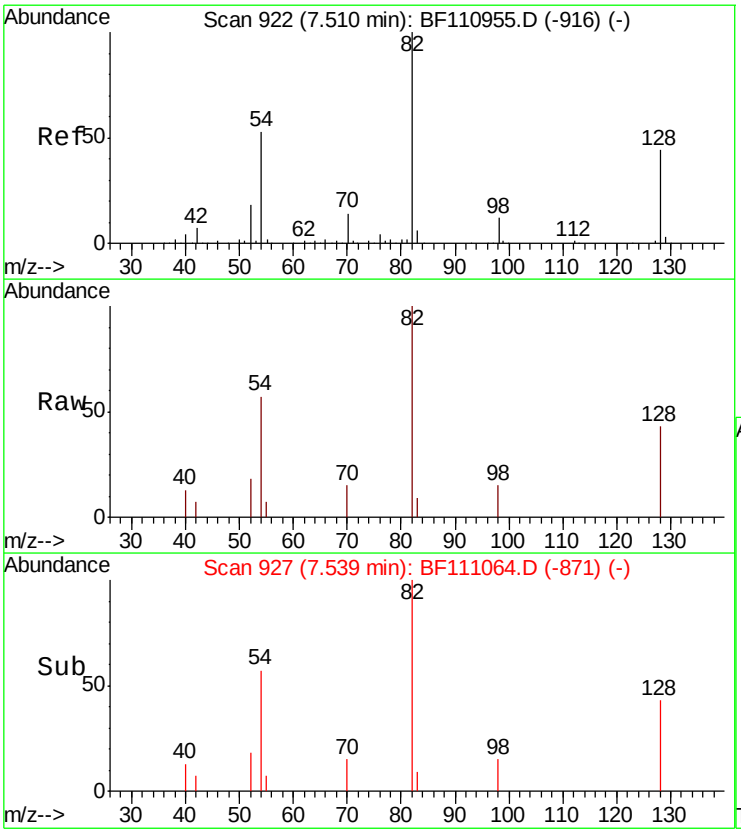
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:136 Resp: 21194

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	9.2	5.4	8.2#
68	5.6	4.2	6.2

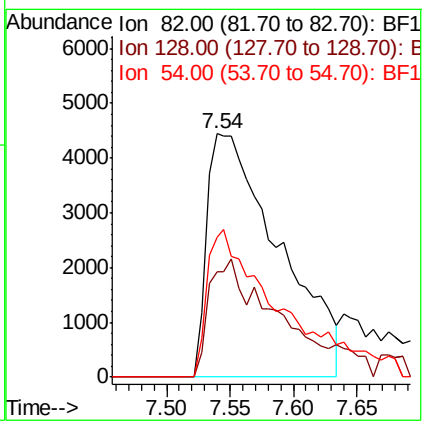


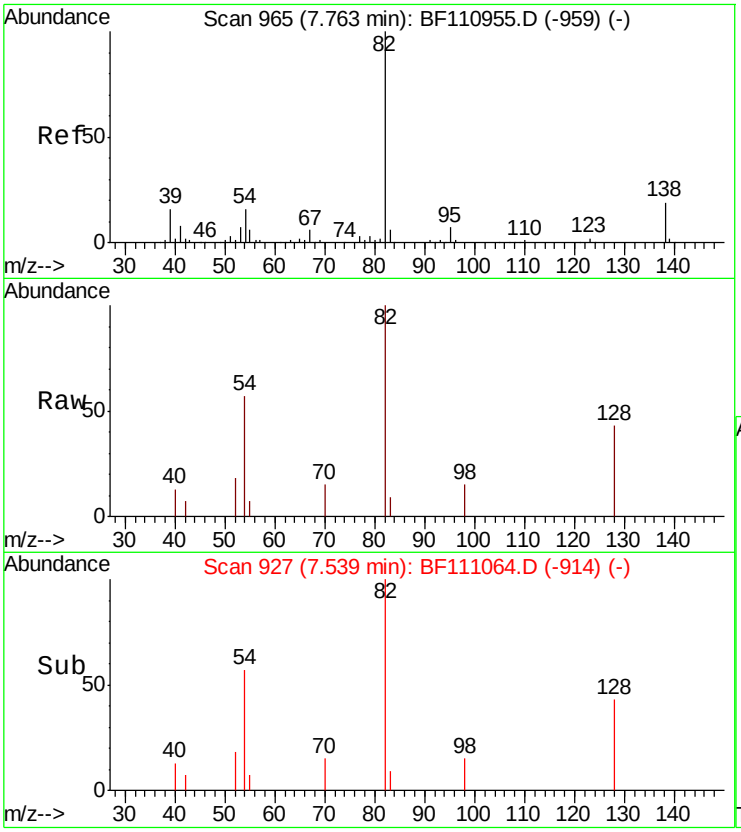


#23
Nitrobenzene-d5
Concen: 47.491 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.03 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion: 82 Resp: 17587

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	57.2	38.6	58.0



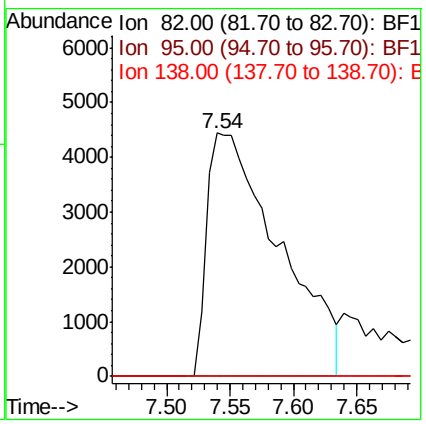


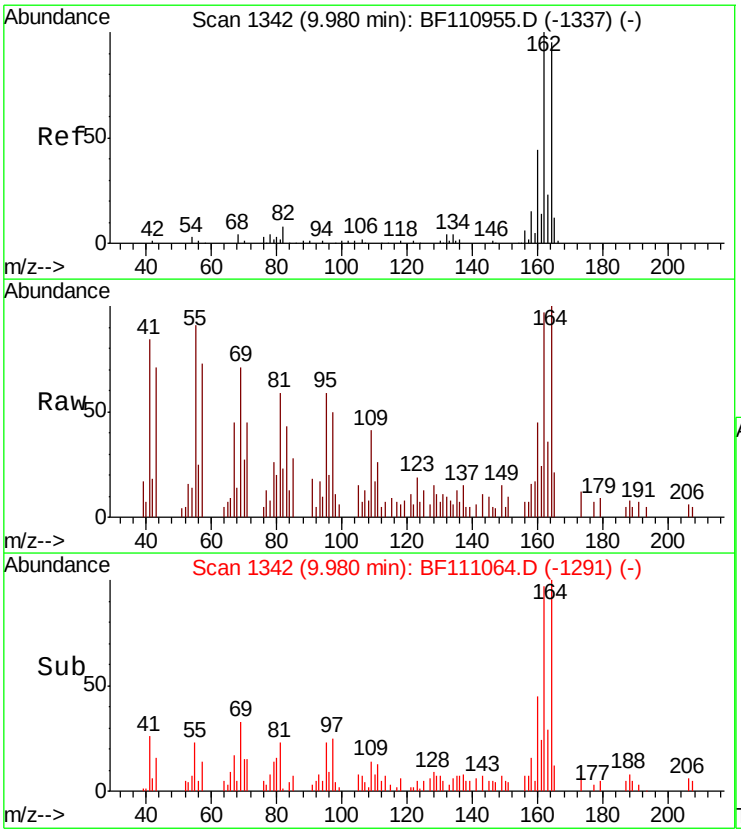
#25
Isophorone
Concen: 28.951 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.22 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion: 82 Resp: 17587

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

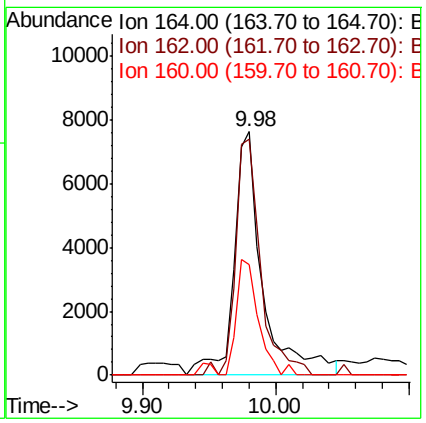


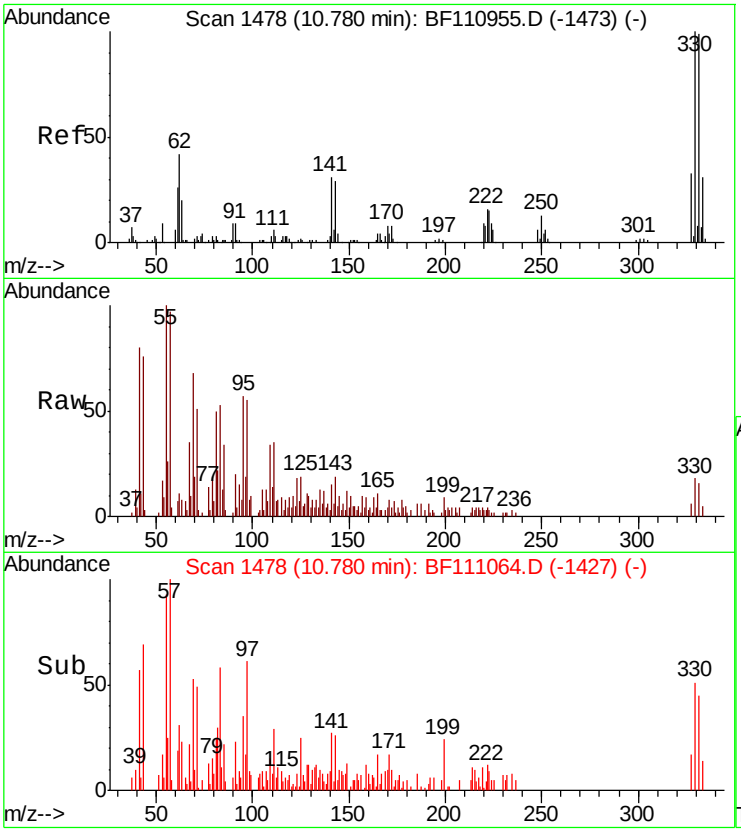


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:164 Resp: 11392

Ion	Ratio	Lower	Upper
164	100		
162	96.9	83.0	124.6
160	45.4	37.0	55.6



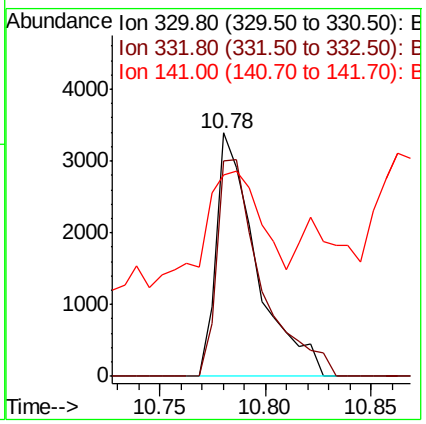


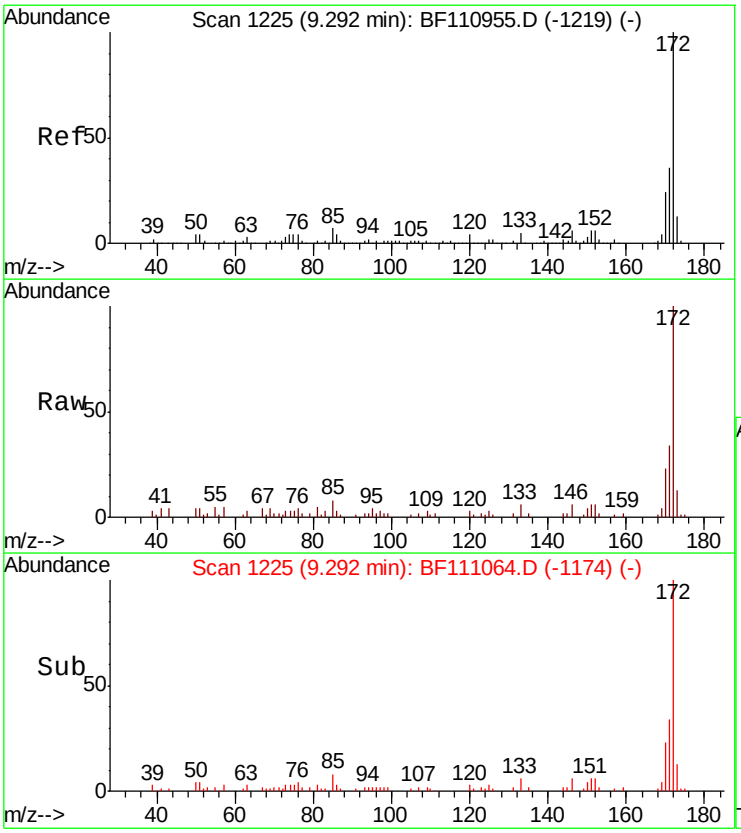
#42
2,4,6-Tribromophenol
Concen: 39.704 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:330 Resp: 4492

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.1	115.7
141	69.0	27.0	40.4#

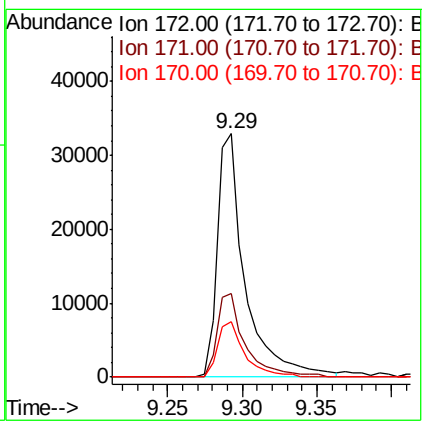


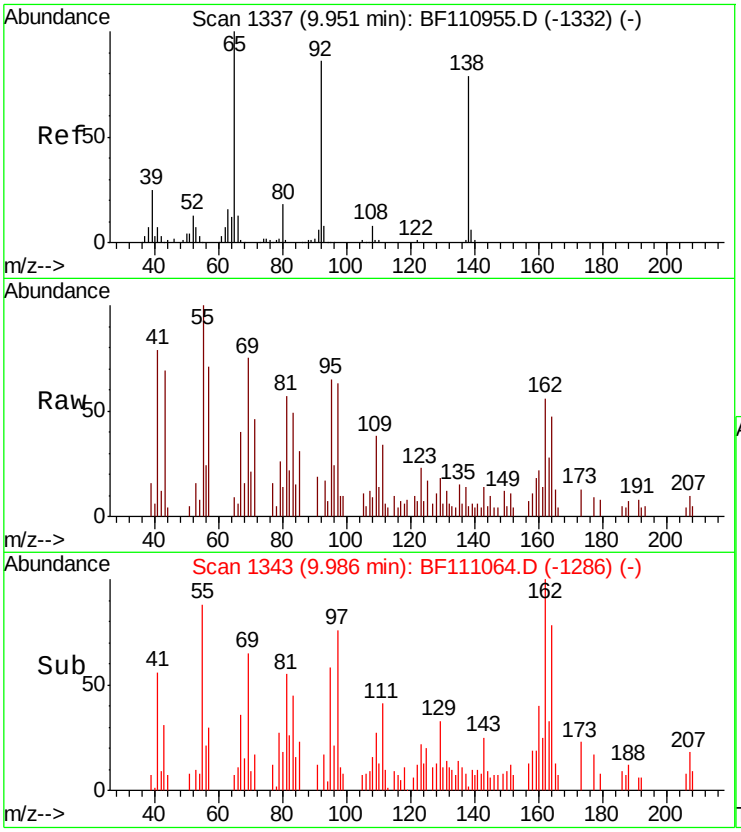


#45
2-Fluorobiphenyl
Concen: 54.694 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:172 Resp: 43007

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.6	19.7	29.5



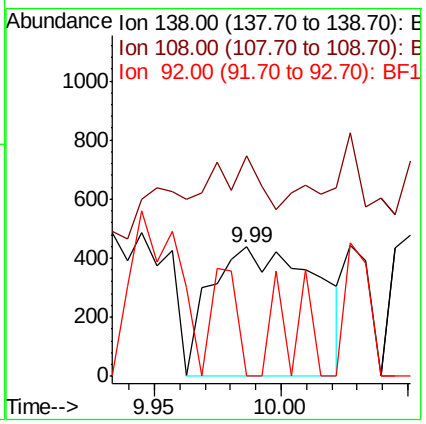


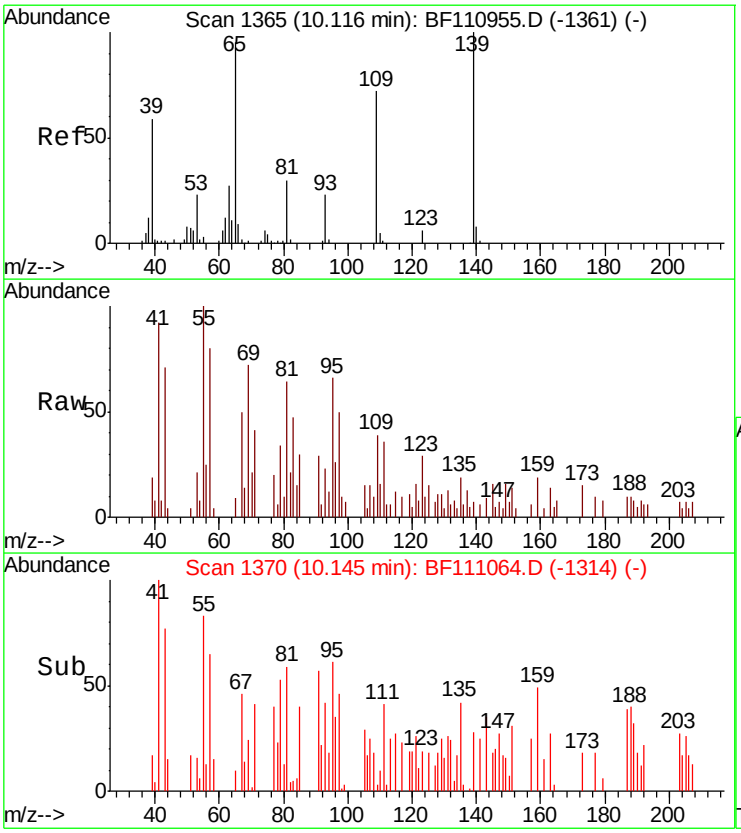
#53
3-Nitroaniline
Concen: 5.840 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.04 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:138 Resp: 1266

Ion	Ratio	Lower	Upper
138	100		
108	170.5	8.7	13.1#
92	0.0	97.0	145.4#

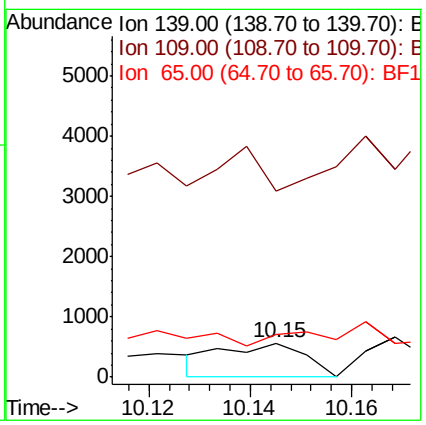


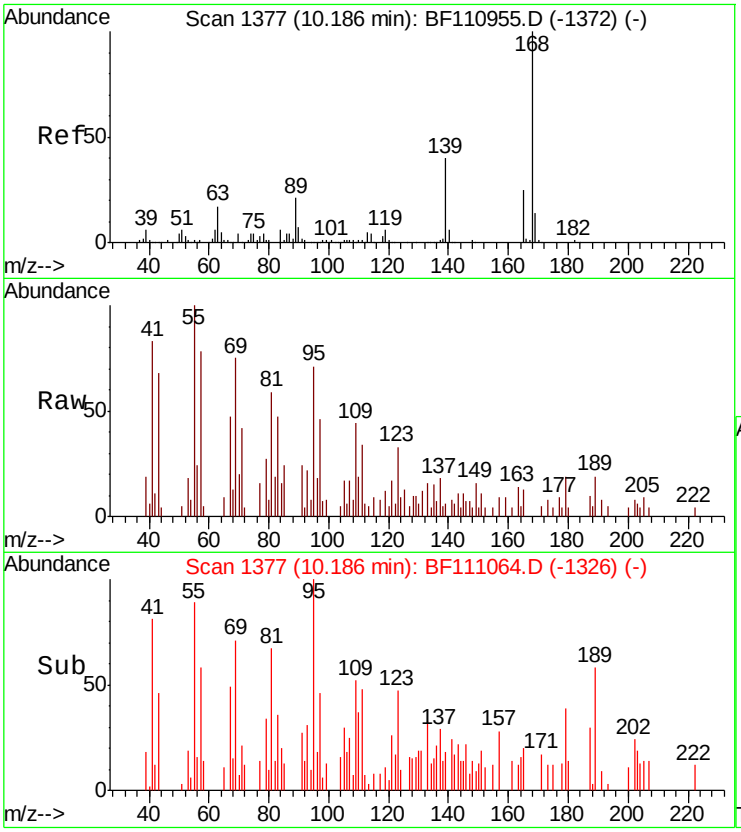


#56
4-Nitrophenol
Concen: 9.267 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.03 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:139 Resp: 640

Ion	Ratio	Lower	Upper
139	100		
109	548.7	55.8	95.8#
65	126.7	77.9	117.9#



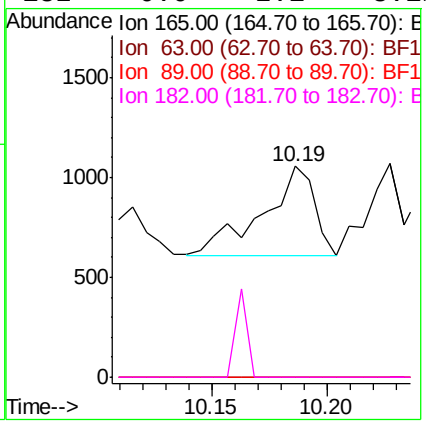


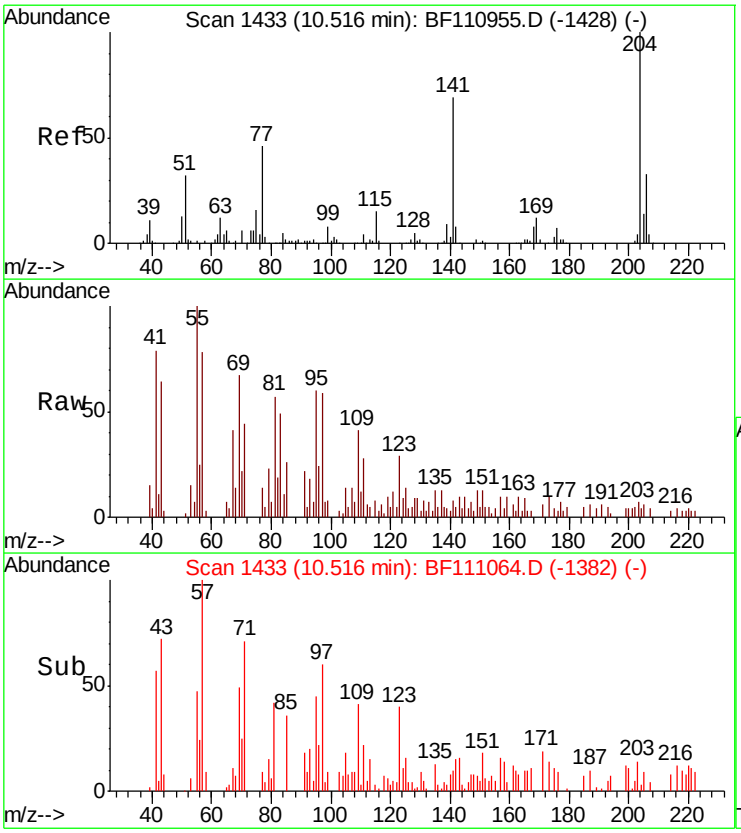
#57
2,4-Dinitrotoluene
Concen: 2.851 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:165 Resp: 688

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

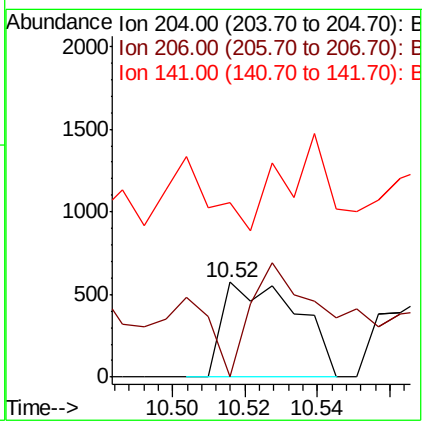


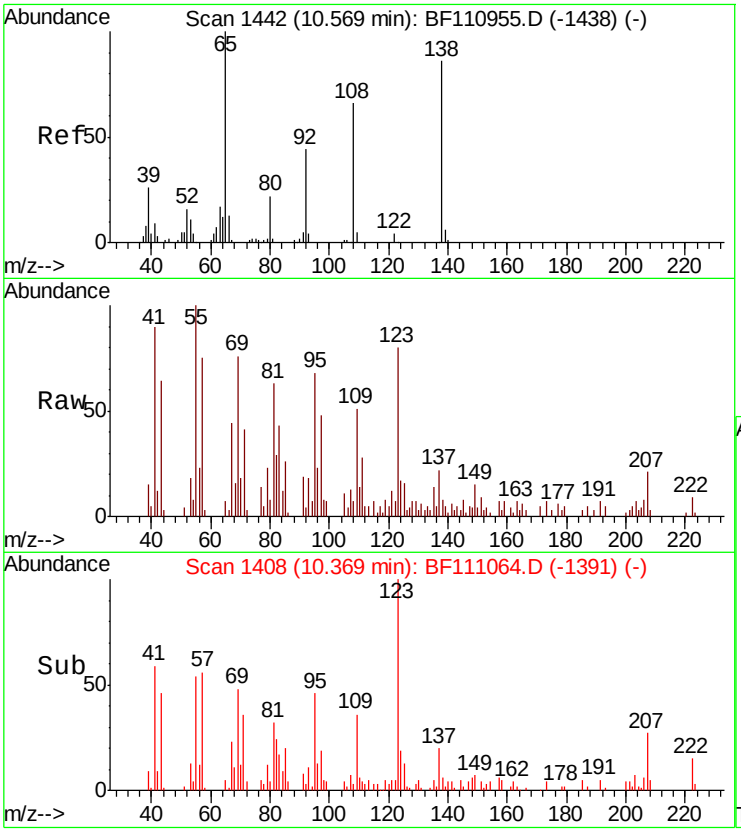


#61
4-Chlorophenyl-phenylether
Concen: 2.004 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:204 Resp: 826

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	185.0	51.8	77.8#



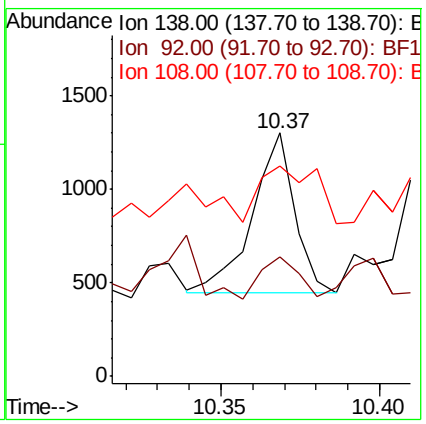


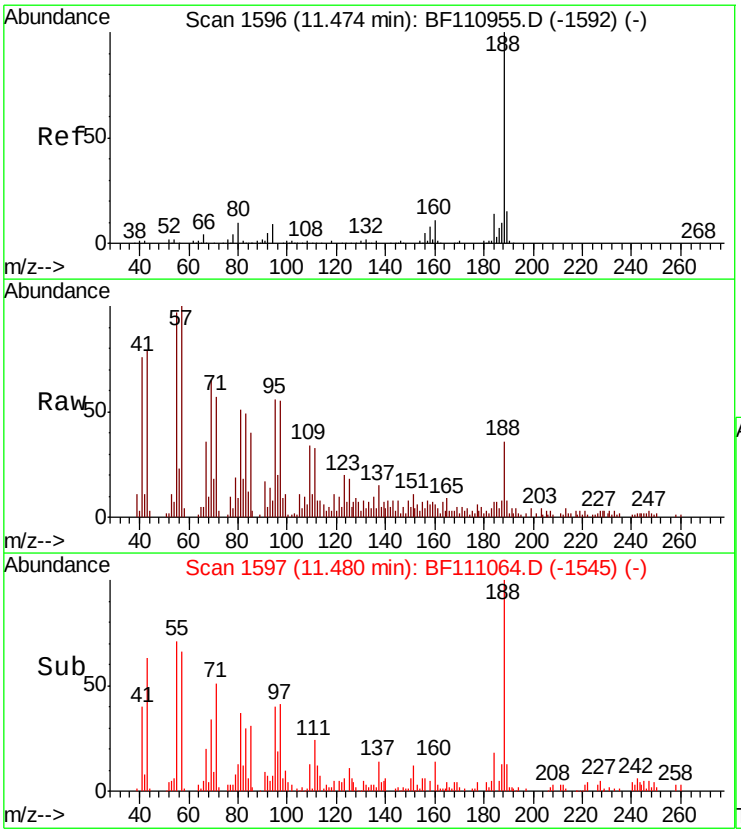
#62
4-Nitroaniline
Concen: 3.939 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.20 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:138 Resp: 795

Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.7	71.7
108	86.6	59.3	99.3

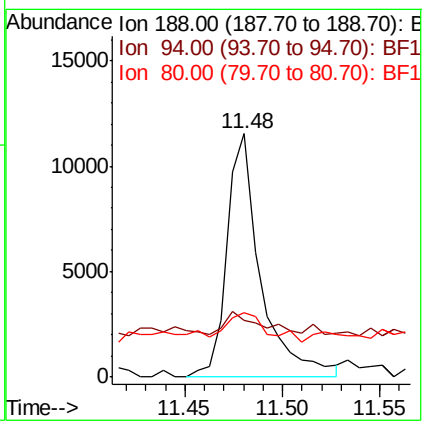


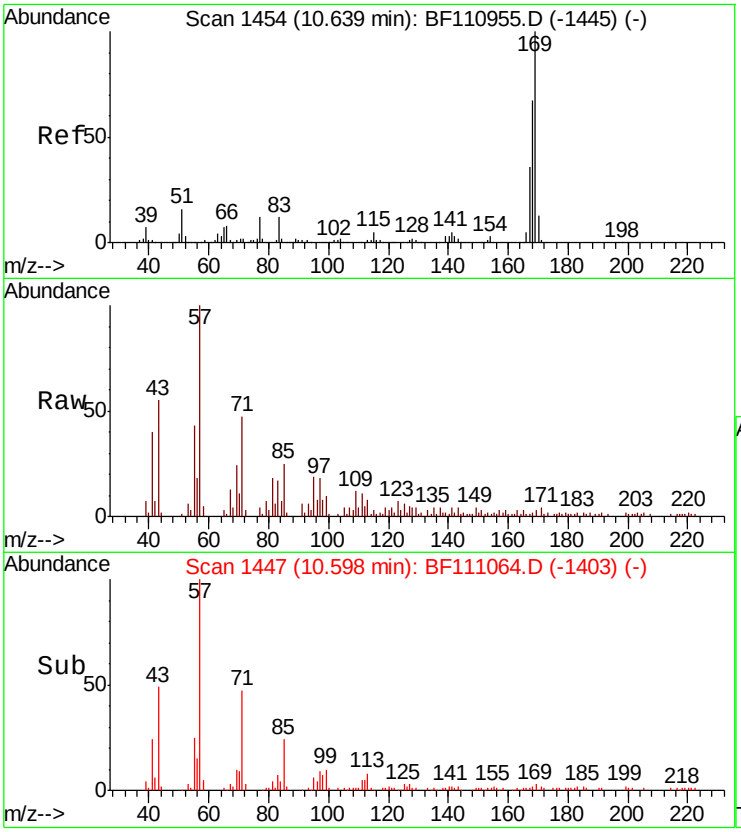


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:188 Resp: 13852

Ion	Ratio	Lower	Upper
188	100		
94	23.0	7.2	10.8#
80	26.5	7.9	11.9#



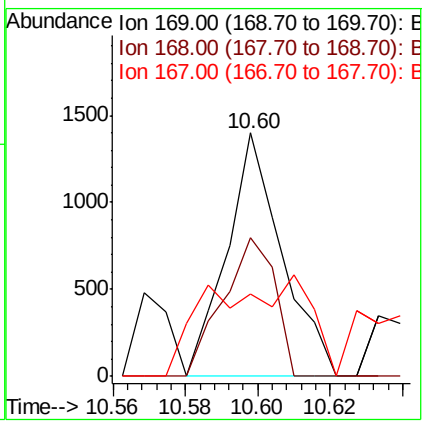


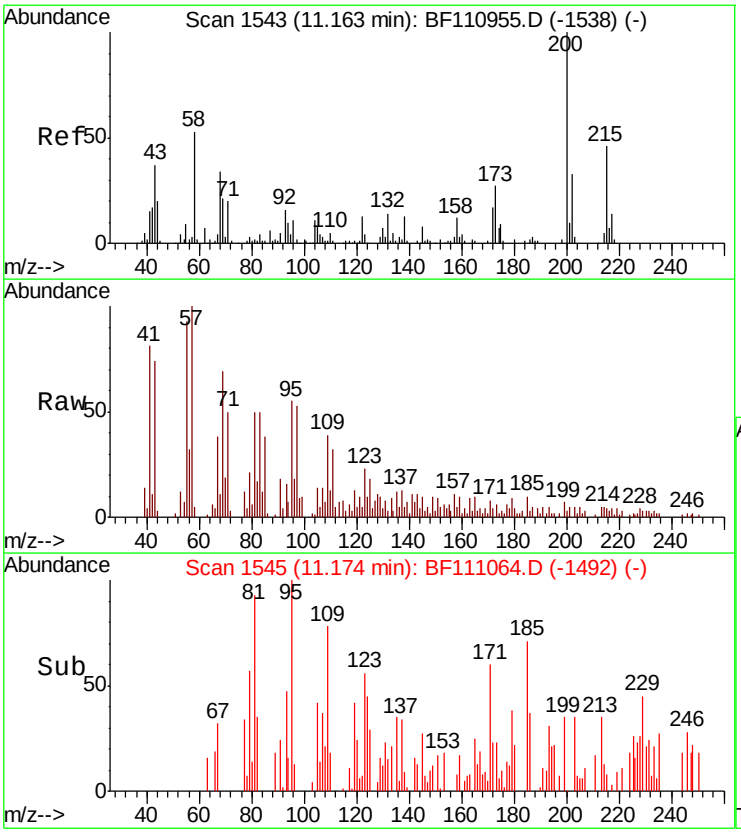
#66
n-Nitrosodiphenylamine
Concen: 3.218 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.04 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:169 Resp: 1484

Ion	Ratio	Lower	Upper
169	100		
168	56.8	51.2	76.8
167	33.6	27.8	41.6

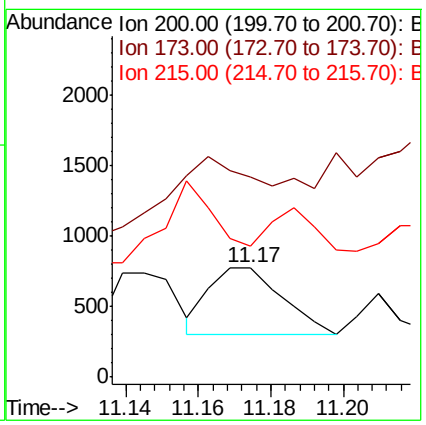


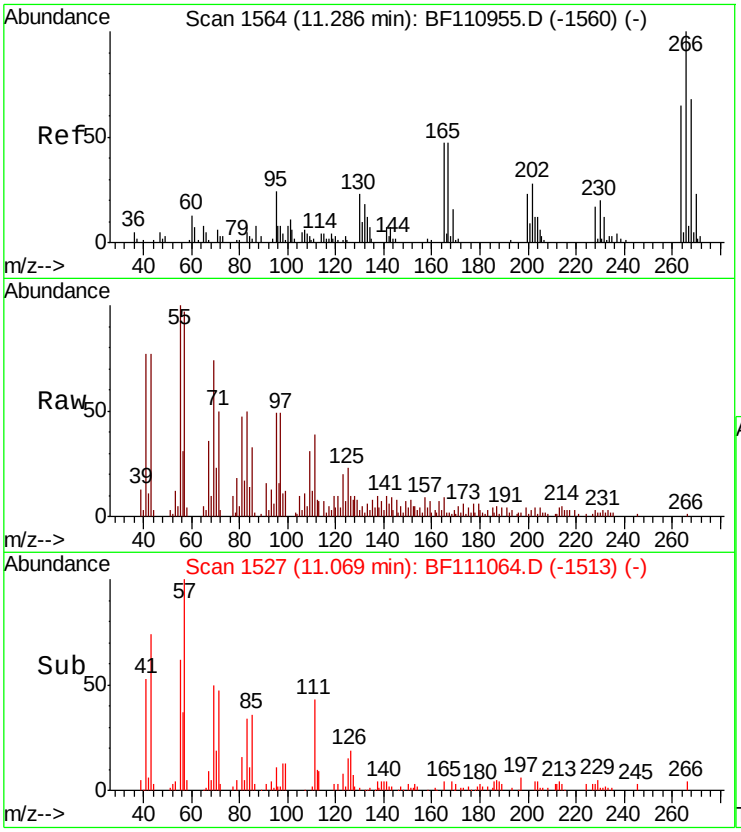


#69
Atrazine
Concen: 5.169 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:200 Resp: 662

Ion	Ratio	Lower	Upper
200	100		
173	181.8	6.6	46.6#
215	118.7	26.3	66.3#



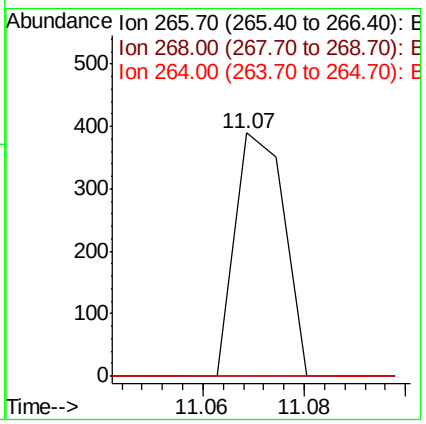


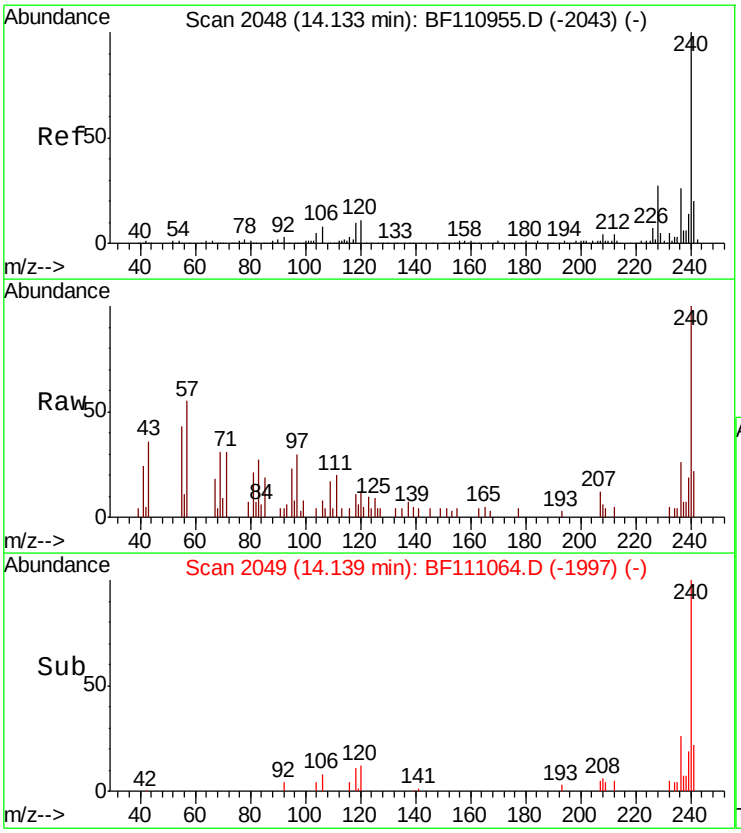
#70
Pentachlorophenol
Concen: 4.098 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.22 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

Tgt Ion:266 Resp: 262

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.6	75.8#
264	0.0	50.6	75.8#

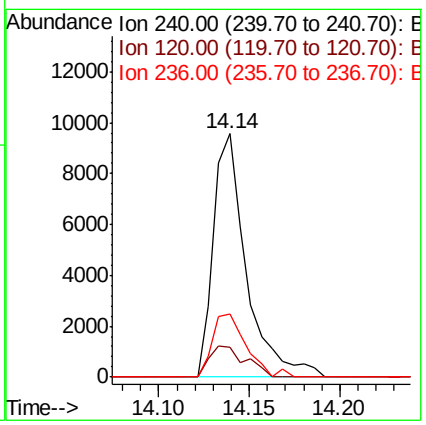


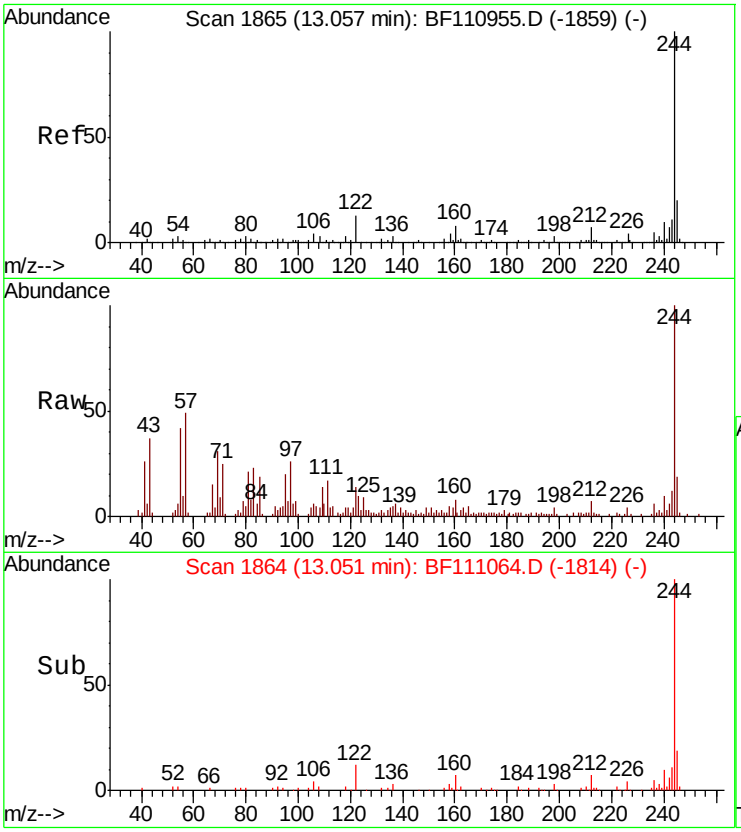


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:240 Resp: 12051

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.0	21.2	31.8



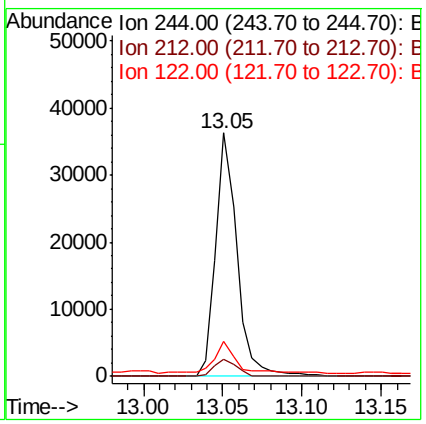


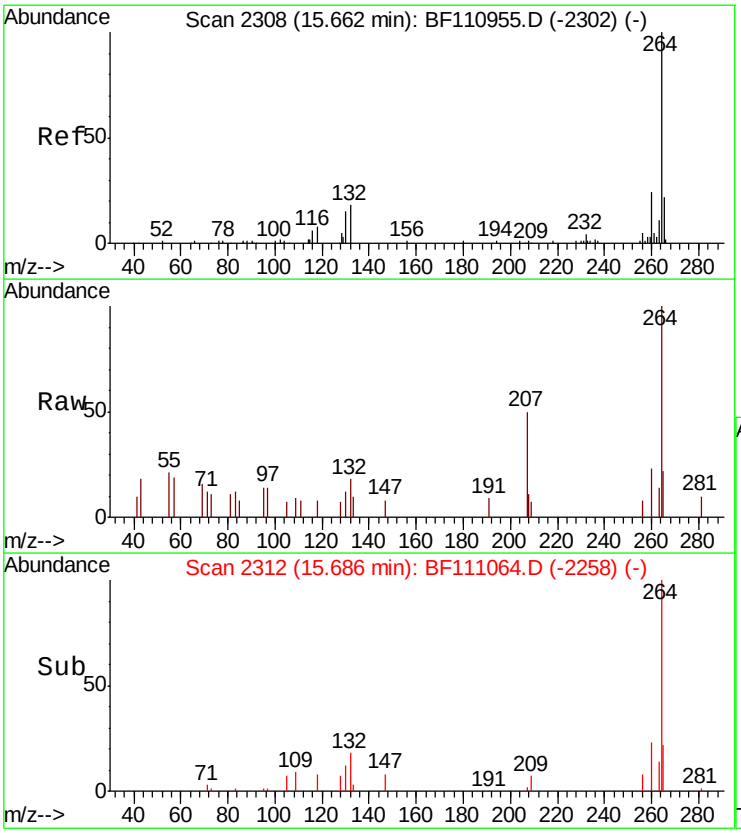
#79
Terphenyl-d14
Concen: 54.902 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Instrument :
BNA_F
ClientSampleId :
NS-OILY-STONE

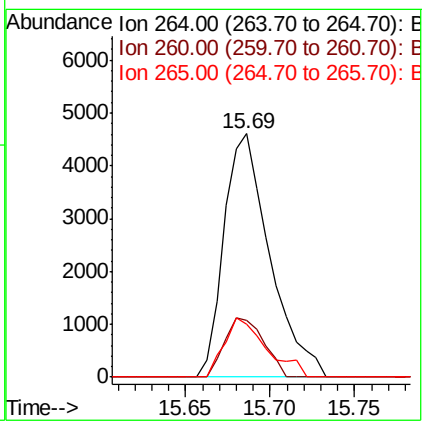
Tgt Ion:244 Resp: 33988

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	14.1	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.02 min
Lab File: BF111064.D
Acq: 28 Nov 2018 23:52

Tgt Ion:264 Resp: 8671

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	16.7	25.1