Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
Data File : BF107385.D
Acq On : 14 Jul 2018 00:29
Operator : JU/SJ
Sample : J3545-01 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2

Quant Time: Jul 14 01:45:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	39049	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	139345	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	62517	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	66551	20.00	ng	0.02
75) Chrysene-d12	14.15	240	121497	20.00	ng	0.01
86) Perylene-d12	15.68	264	98791	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	11967	5.19	ng	0.02
7) Phenol-d6	6.60	99	15172	5.27	ng	0.02
23) Nitrobenzene-d5	7.50	82	8756	3.49	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	3863	5.33	ng	0.01
44) 2-Fluorobiphenyl	9.28	172	22209	-10.57	ng	0.00
78) Terphenyl-d14	13.08	244	22547	4.50	ng	0.02
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.76	165	2227	2.243	ng	# 32
53) 2,4-Dinitrophenol	10.17	184	154	5.631	ng	# 41
56) 2,4-Dinitrotoluene	10.18	165	3857	2.976	ng	# 52
61) 4-Nitroaniline	10.38	138	6292	5.549	ng	81
65) n-Nitrosodiphenylamine	10.64	169	13701	6.121	ng	# 46
69) Pentachlorophenol	11.31	266	1595	3.845	ng	# 32
70) Phenanthrene	11.52	178	33323	10.381	ng	# 69
71) Anthracene	11.61	178	14784	4.512	ng	# 1
73) Di-n-butylphthalate	12.04	149	14561	4.029	ng	# 33

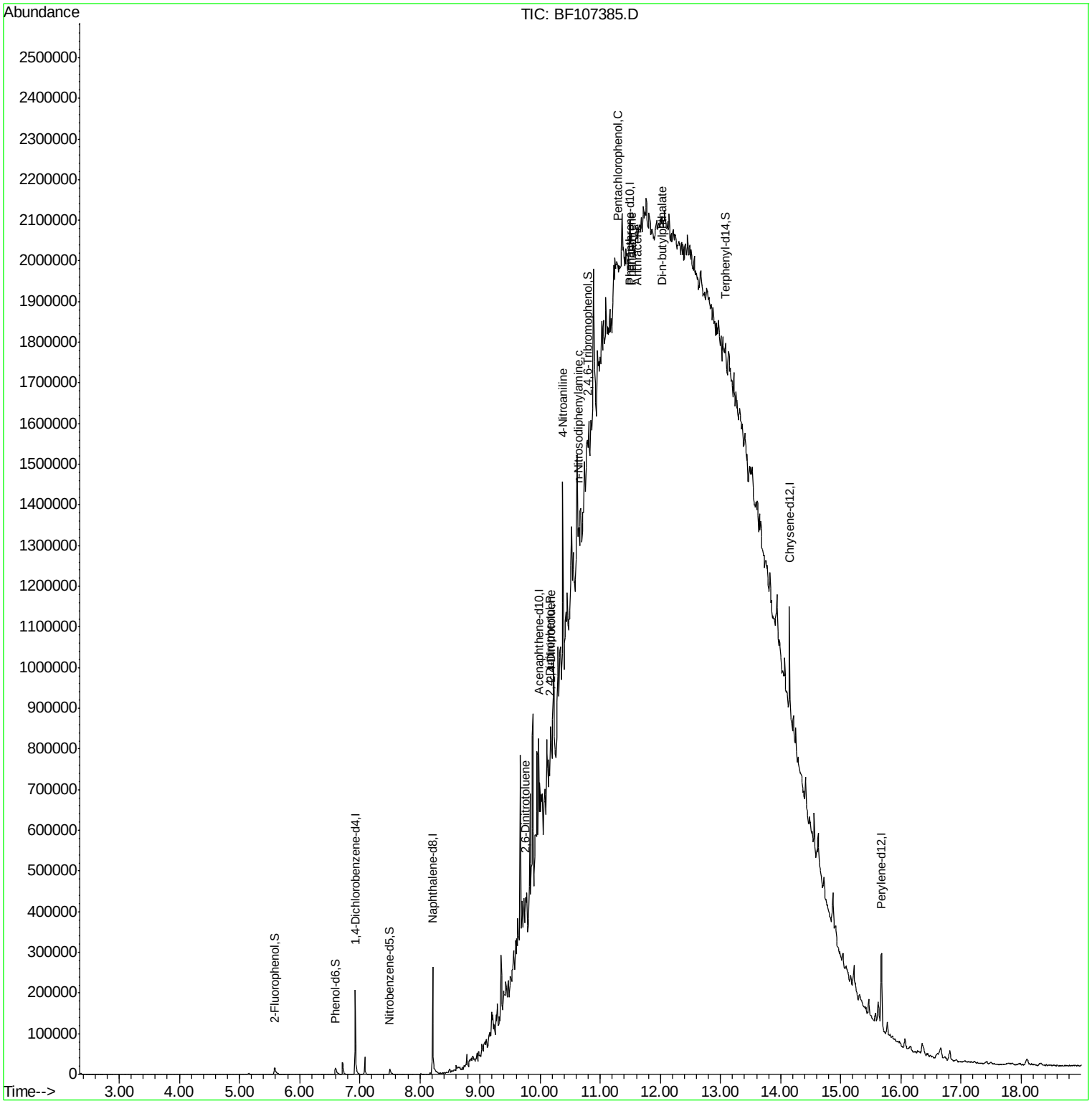
(#) = qualifier out of range (m) = manual integration (+) = signals summed

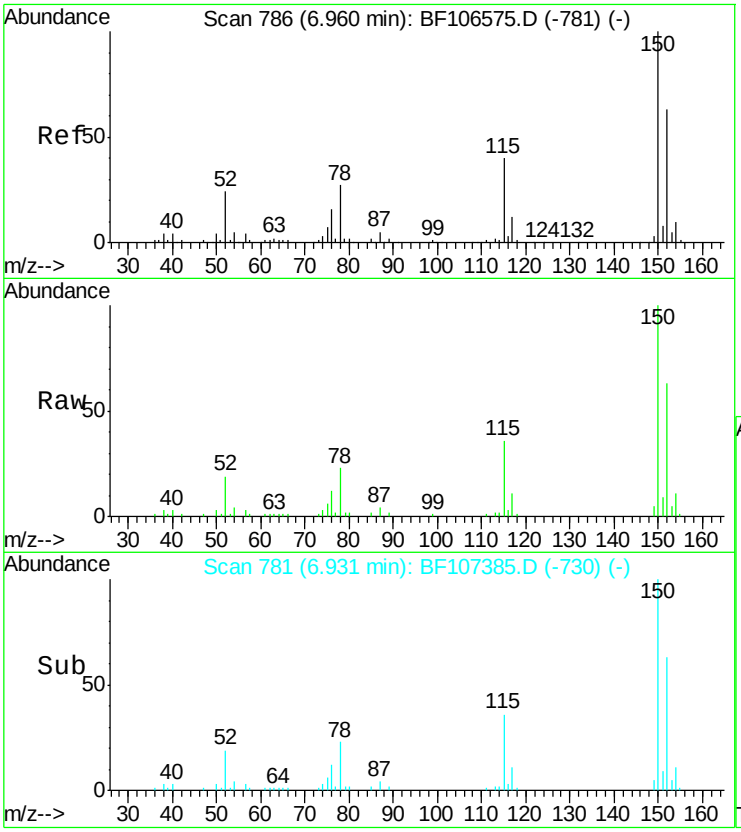
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
Data File : BF107385.D
Acq On : 14 Jul 2018 00:29
Operator : JU/SJ
Sample : J3545-01 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Quant Time: Jul 14 01:45:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration



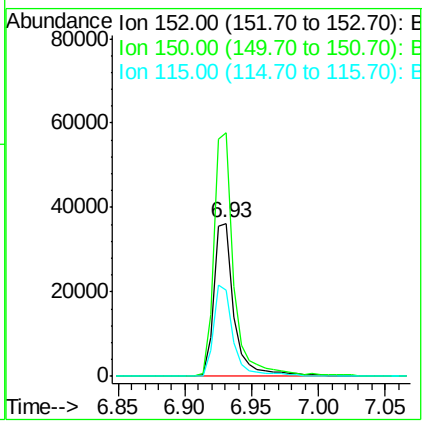


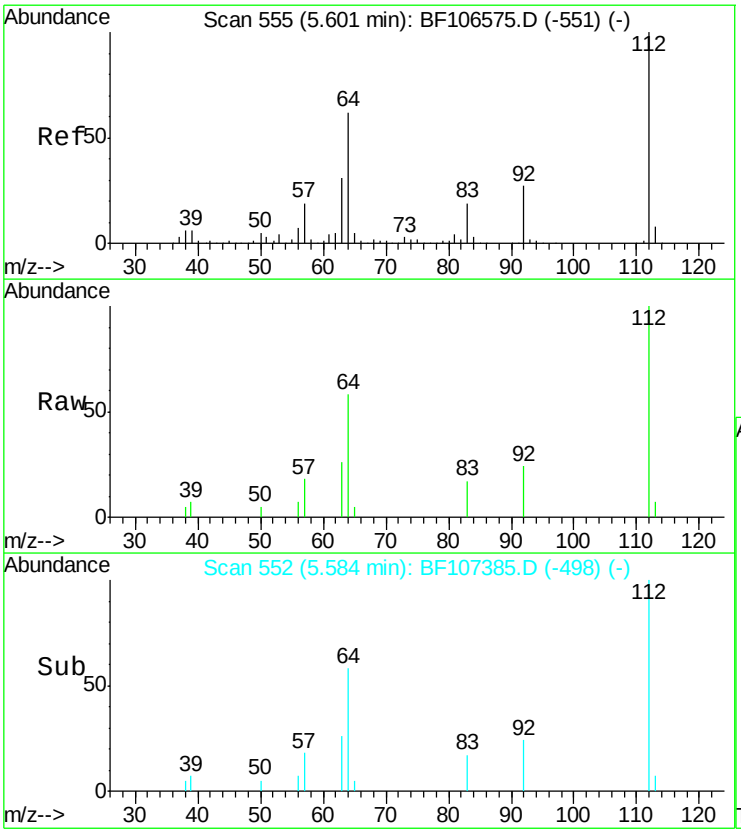
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:152 Resp: 39049

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	56.6	50.1	75.1

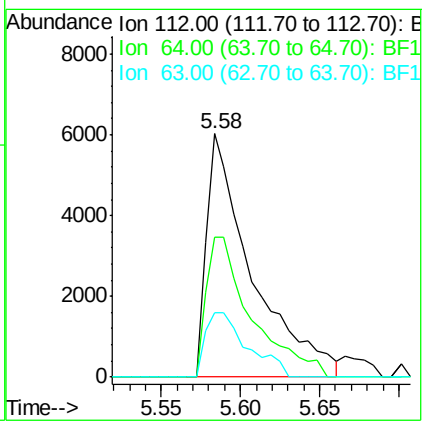


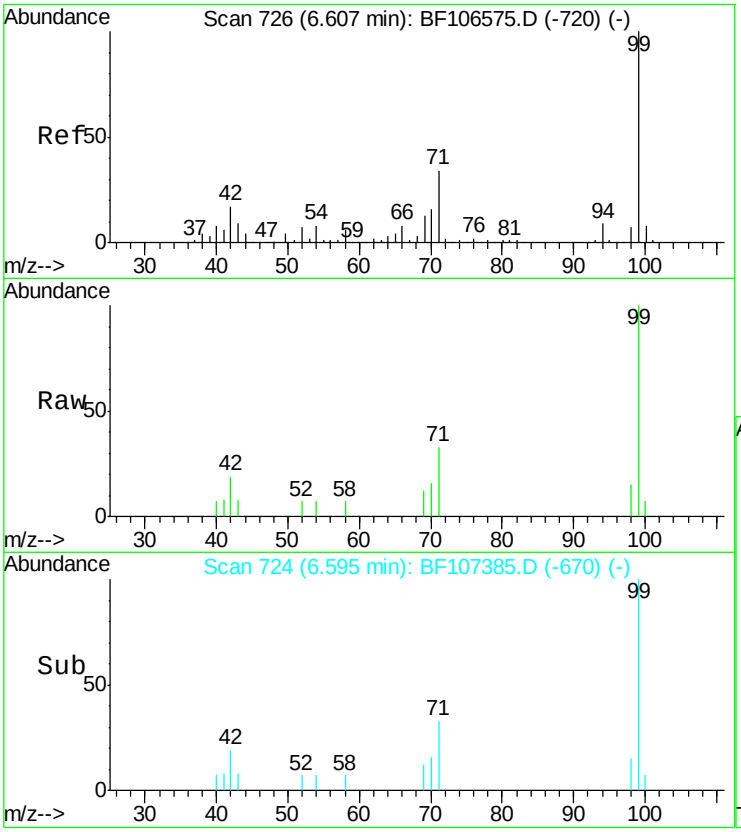


#5
2-Fluorophenol
Concen: 5.189 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:112 Resp: 11967

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	26.4	23.7	35.5



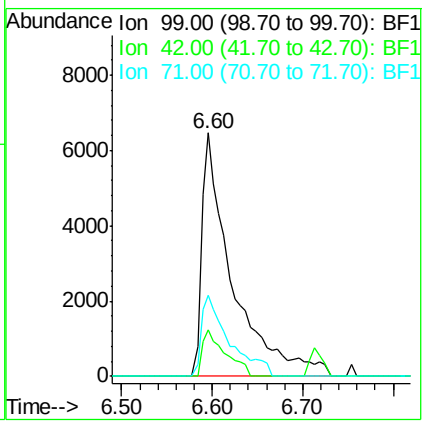


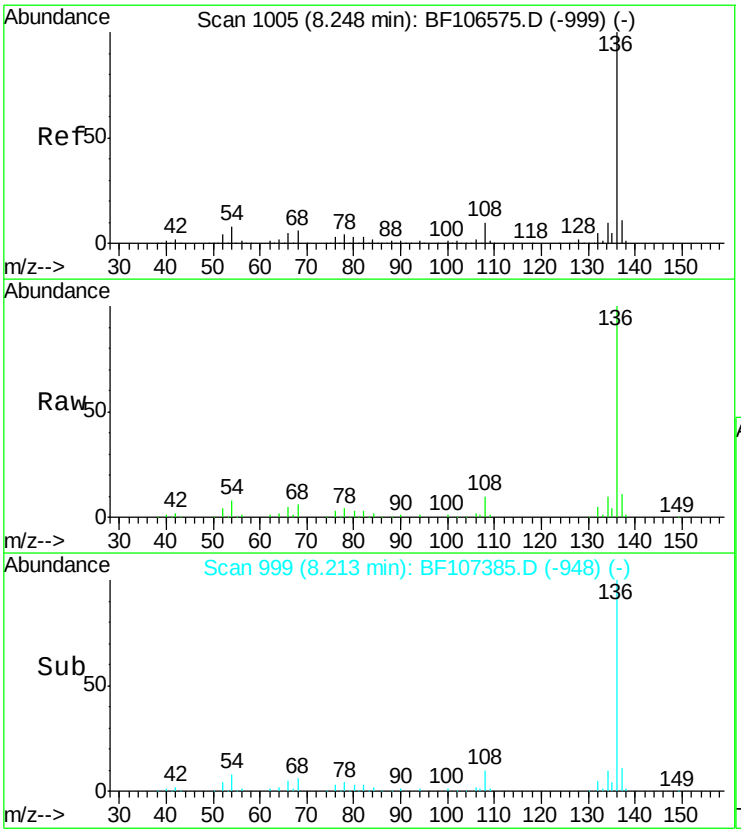
#7
Phenol-d6
Concen: 5.268 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 99 Resp: 15172

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.3	25.4	38.0

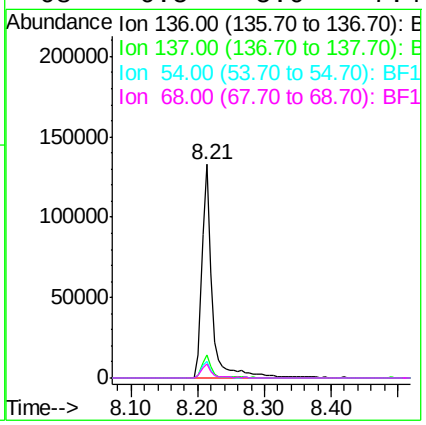


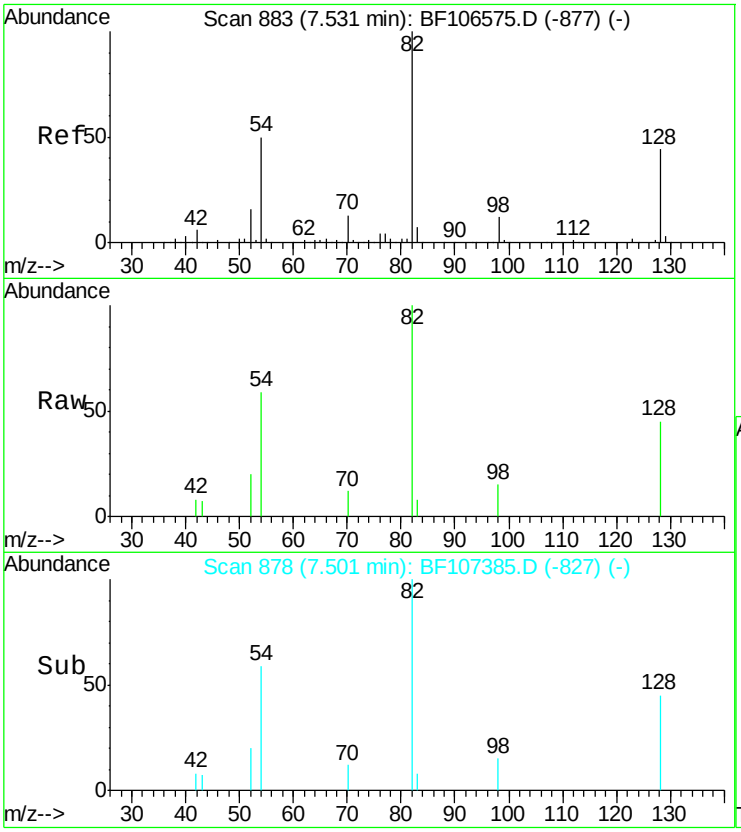


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:136 Resp: 139345

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	6.5	5.0	7.4



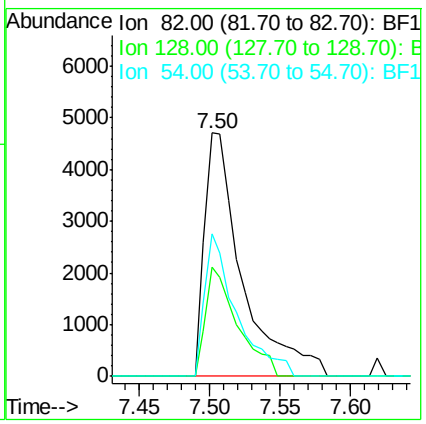


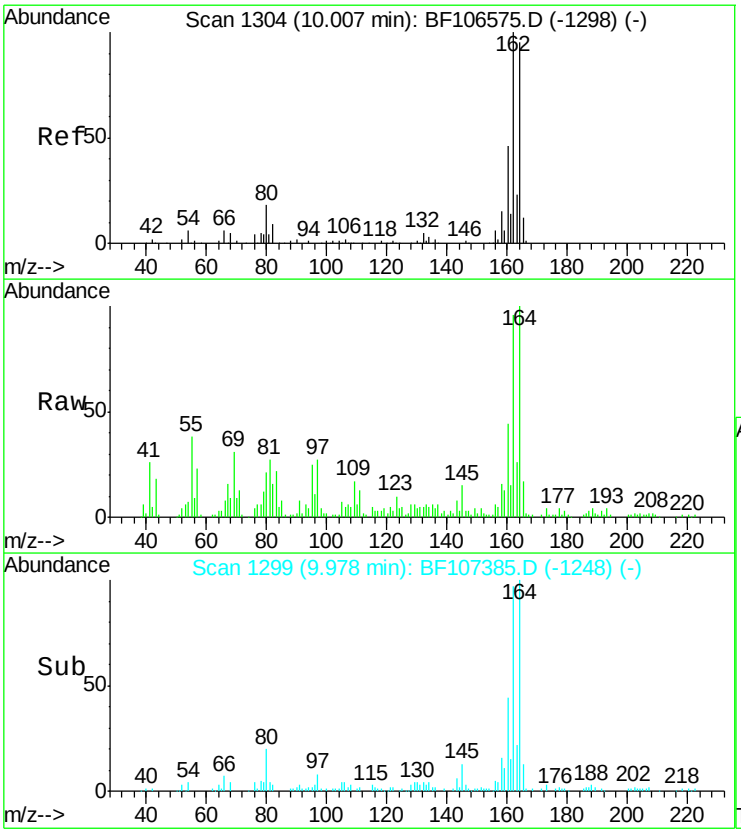
#23
Nitrobenzene-d5
Concen: 3.492 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion: 82 Resp: 8756

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	58.6	41.4	62.2

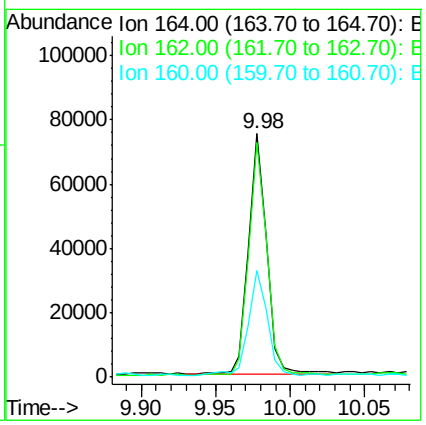


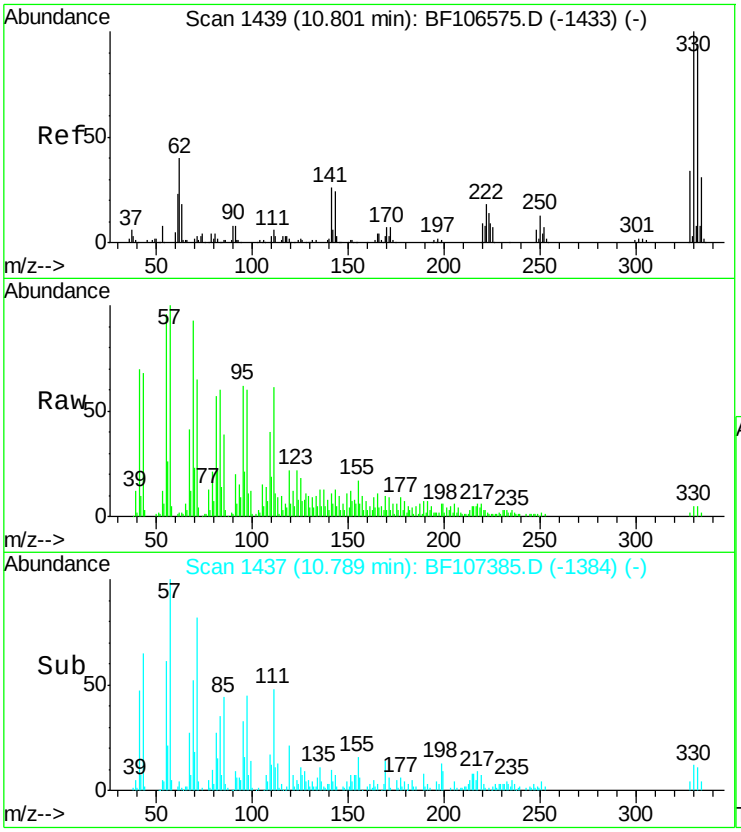


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:164 Resp: 62517

Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	43.6	38.3	57.5



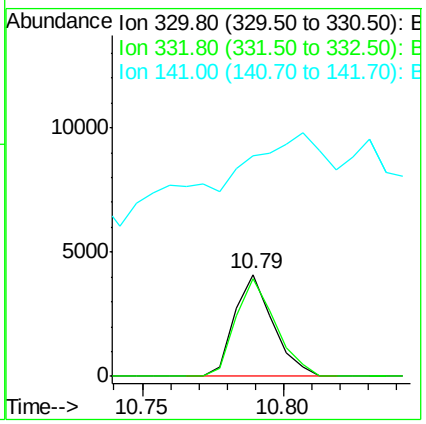


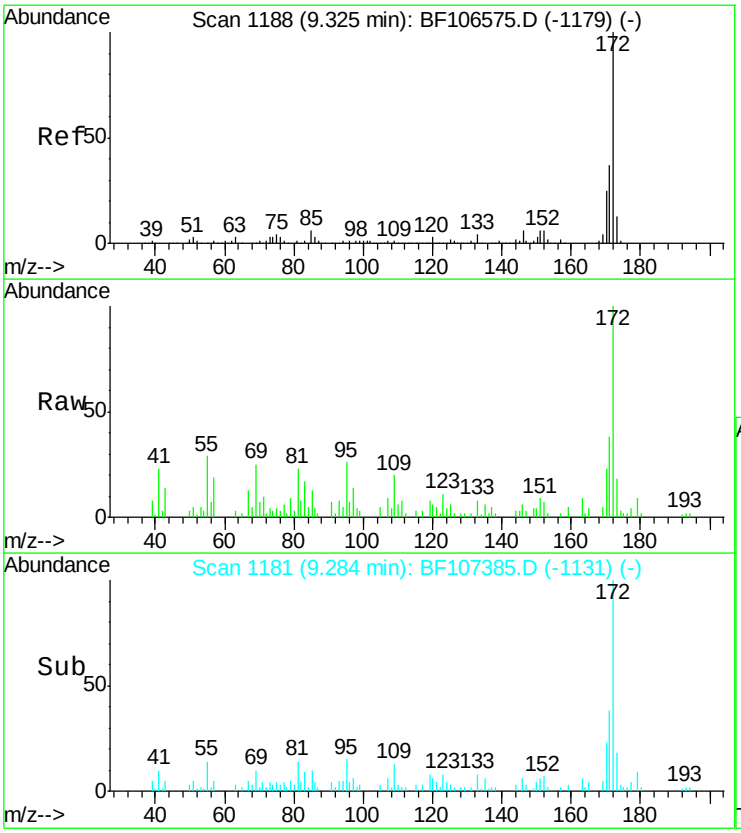
#41
2,4,6-Tribromophenol
Concen: 5.331 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:330 Resp: 3863

Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.0	115.6
141	266.0	29.9	44.9#

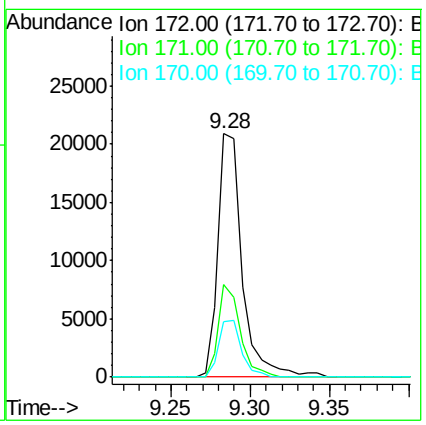


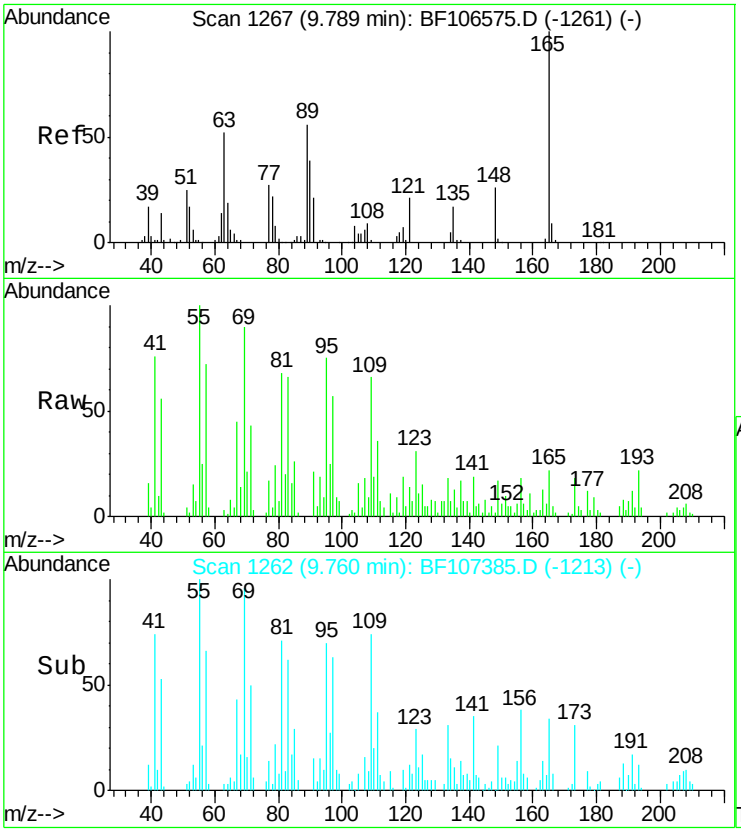


#44
2-Fluorobiphenyl
Concen: -10.573 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:172 Resp: 22209

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	22.6	19.6	29.4



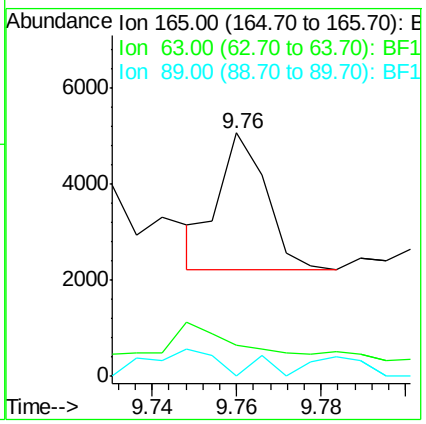


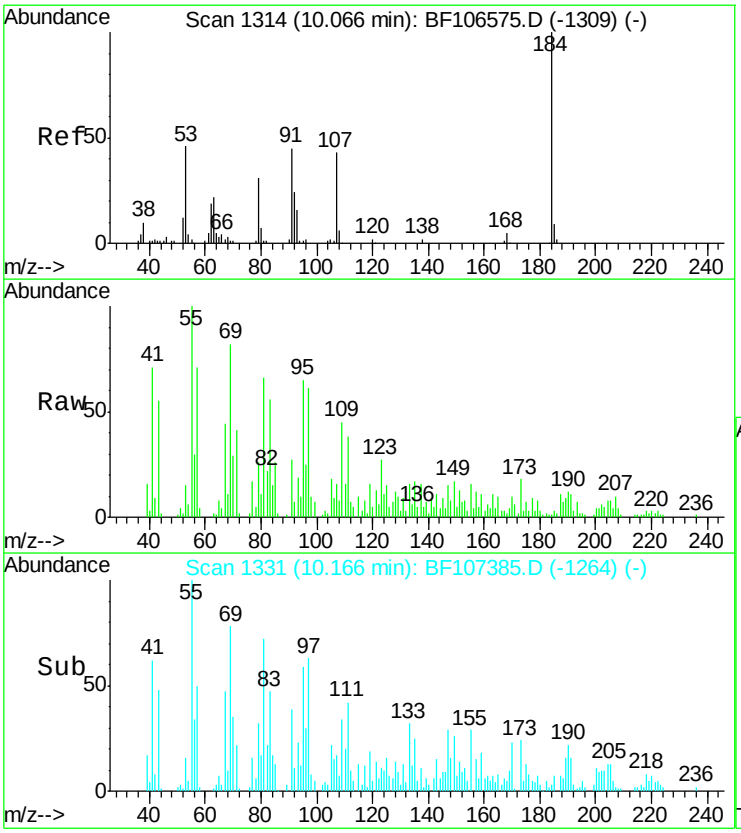
#50
2,6-Dinitrotoluene
Concen: 2.243 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:165 Resp: 2227

Ion	Ratio	Lower	Upper
165	100		
63	12.7	44.7	67.1#
89	0.0	44.0	66.0#

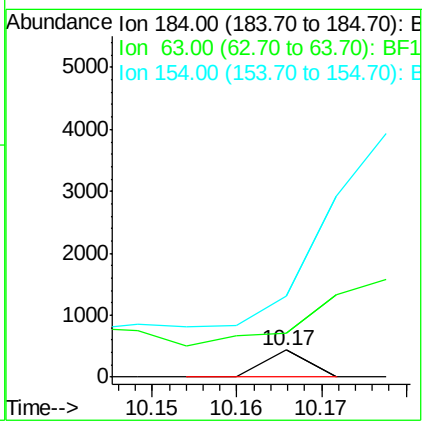


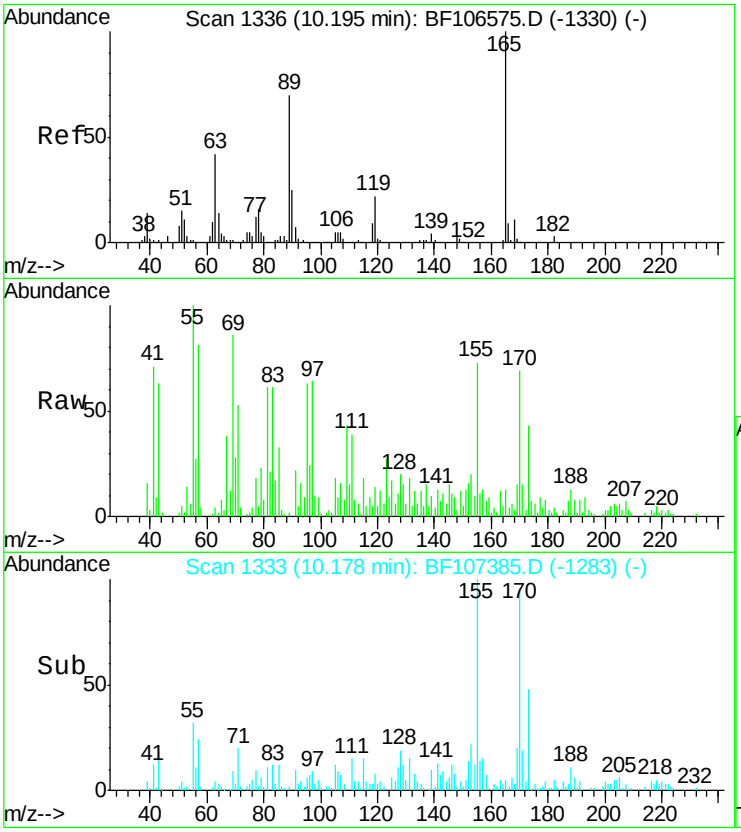


#53
2,4-Dinitrophenol
Concen: 5.631 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.09 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:184 Resp: 154

Ion	Ratio	Lower	Upper
184	100		
63	162.0	54.2	81.2#
154	298.4	184.0	276.0#



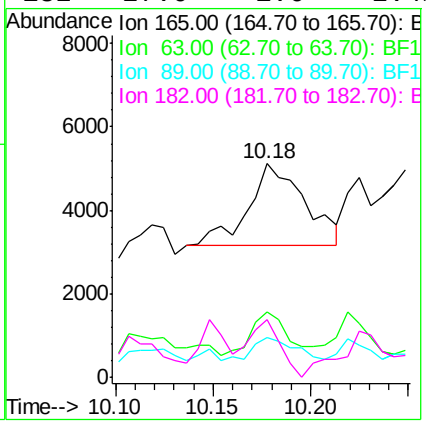


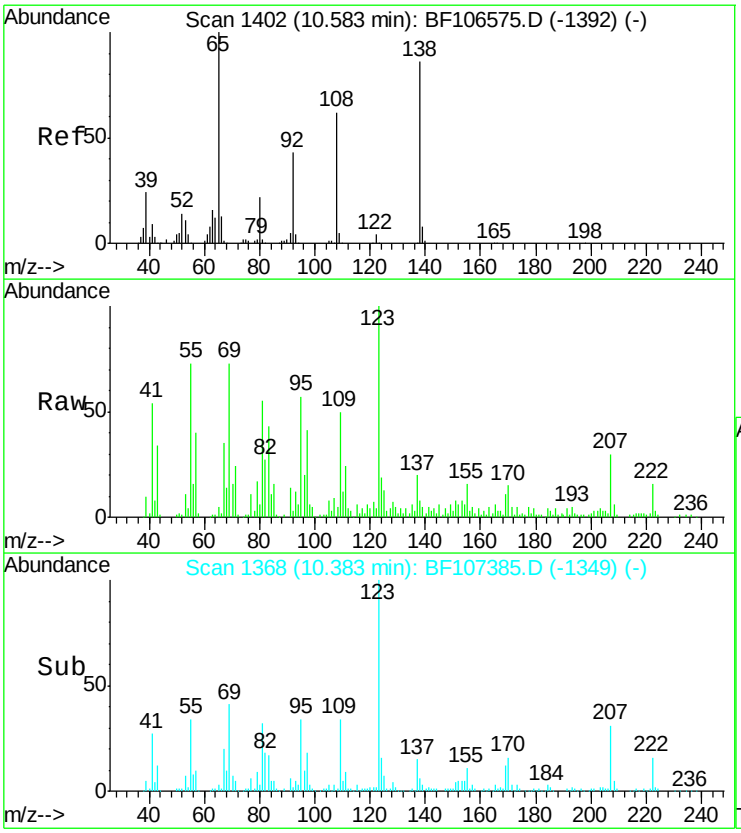
#56
2,4-Dinitrotoluene
Concen: 2.976 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:165 Resp: 3857

Ion	Ratio	Lower	Upper
165	100		
63	30.7	36.4	54.6#
89	18.6	57.8	86.6#
182	27.0	1.6	2.4#

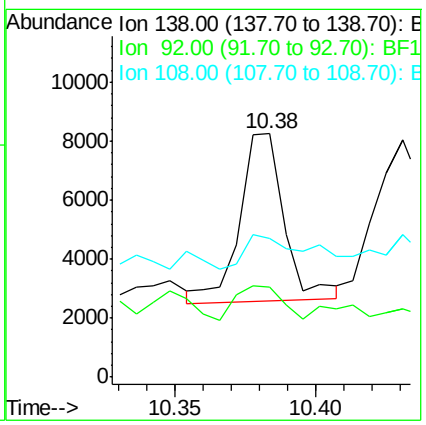


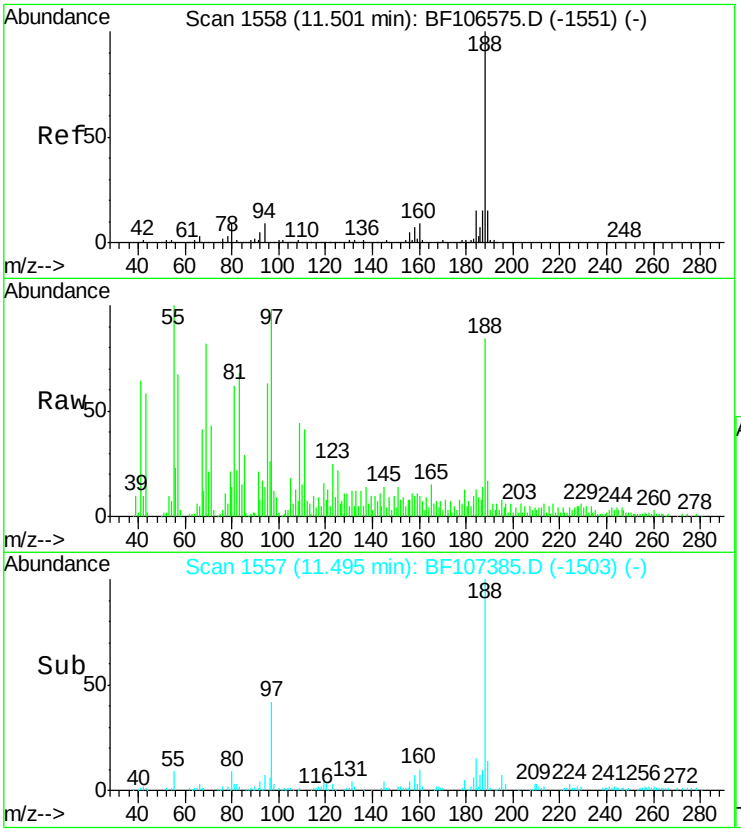


#61
4-Nitroaniline
Concen: 5.549 ng
RT: 10.38 min Scan# 1368
Delta R.T. -0.19 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:138 Resp: 6292

Ion	Ratio	Lower	Upper
138	100		
92	36.8	30.2	70.2
108	56.7	52.5	92.5



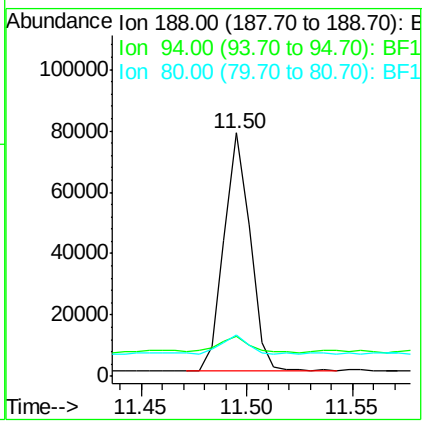


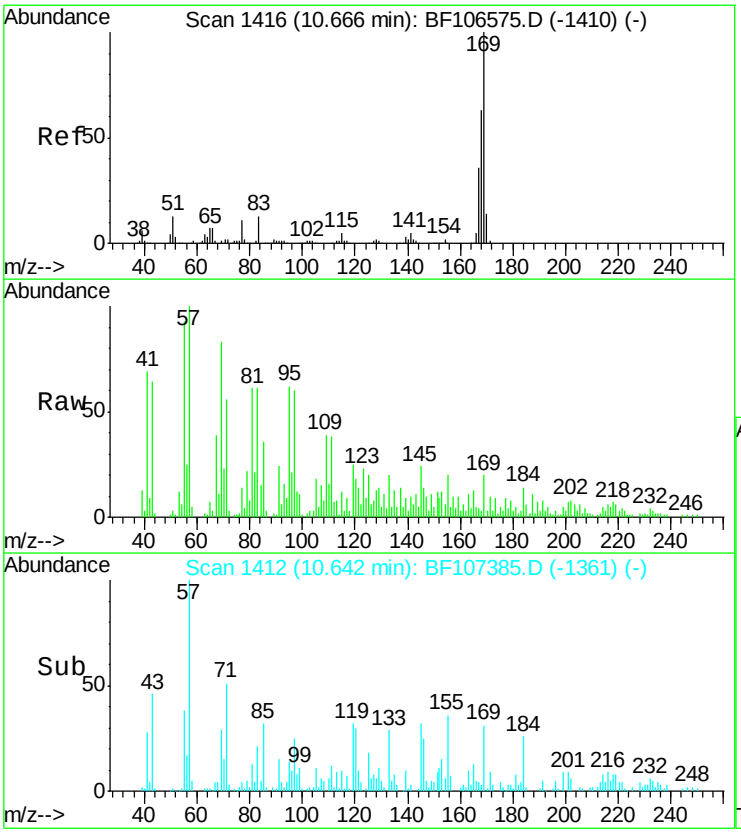
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:188 Resp: 66551

Ion	Ratio	Lower	Upper
188	100		
94	16.2	8.5	12.7#
80	17.2	9.2	13.8#

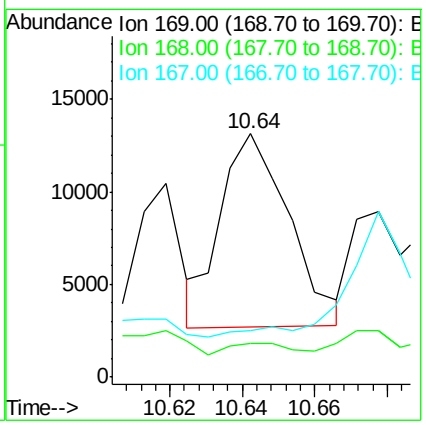


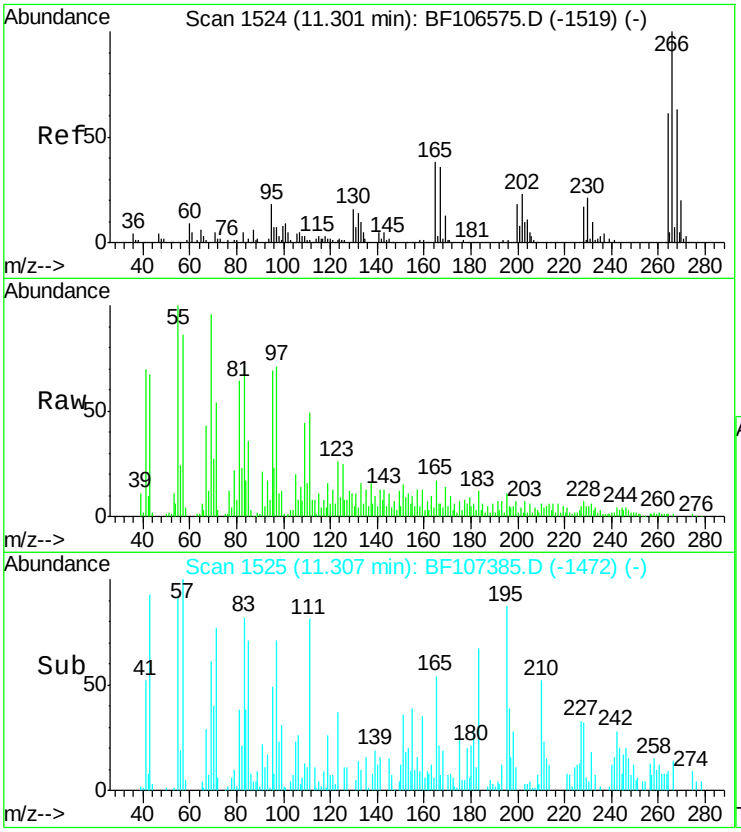


#65
n-Nitrosodiphenylamine
Concen: 6.121 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:169 Resp: 13701

Ion	Ratio	Lower	Upper
169	100		
168	13.8	54.4	81.6#
167	18.9	29.8	44.6#



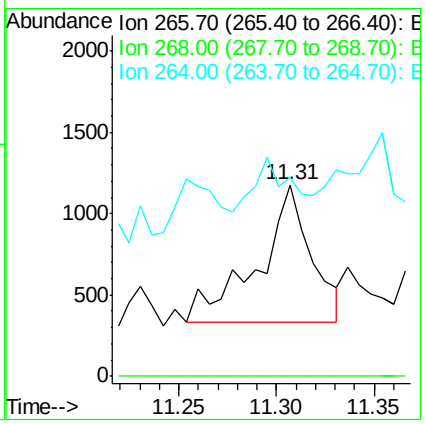


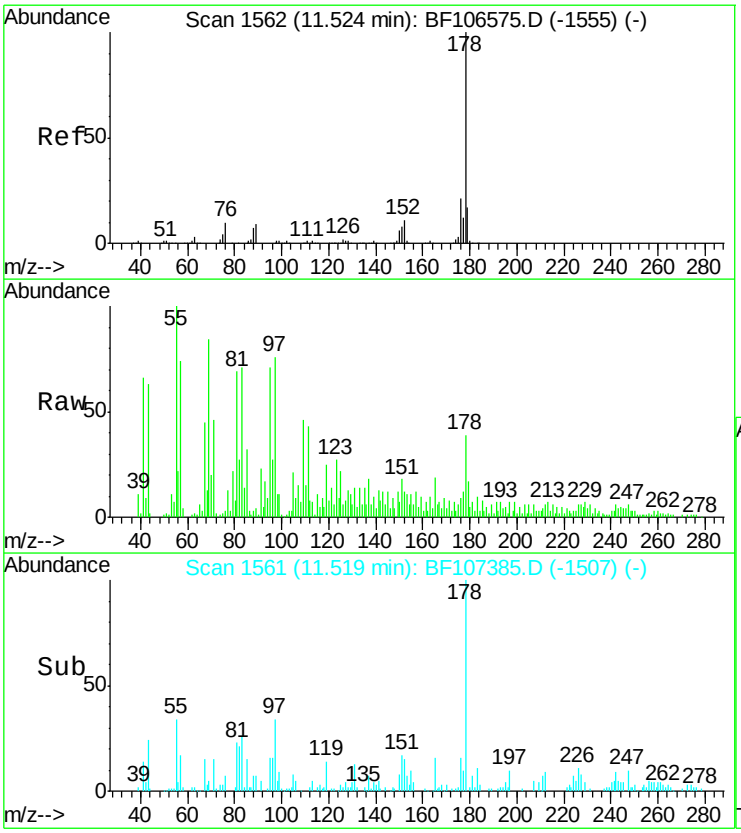
#69
Pentachlorophenol
Concen: 3.845 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:266 Resp: 1595

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	103.9	49.5	74.3#

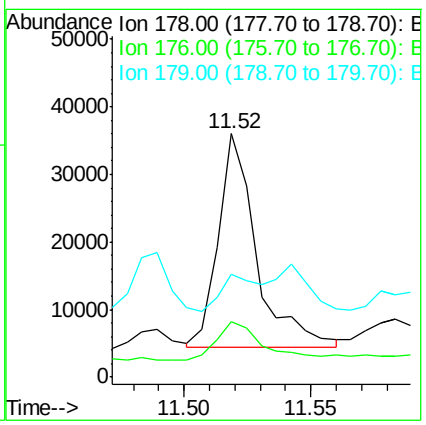


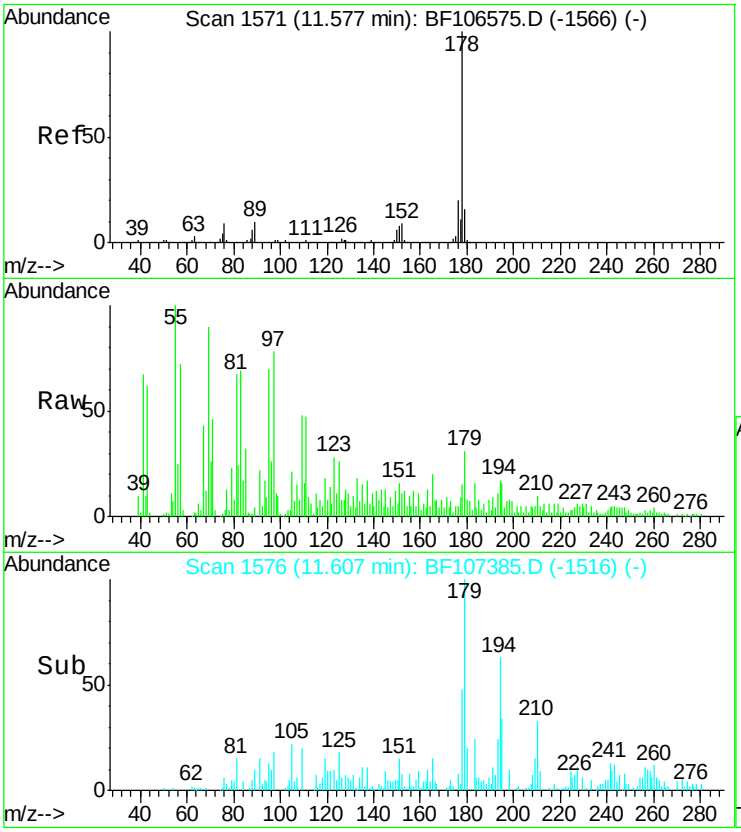


#70
Phenanthrene
Concen: 10.381 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:178 Resp: 33323

Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.8	23.8
179	42.1	13.0	19.6#



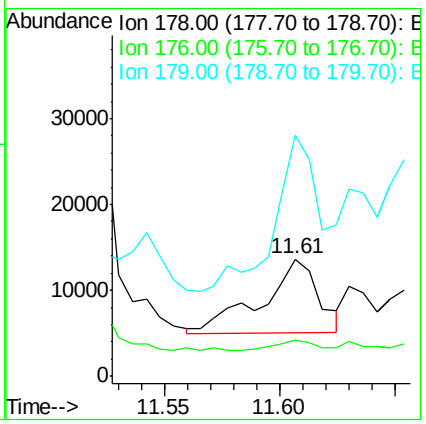


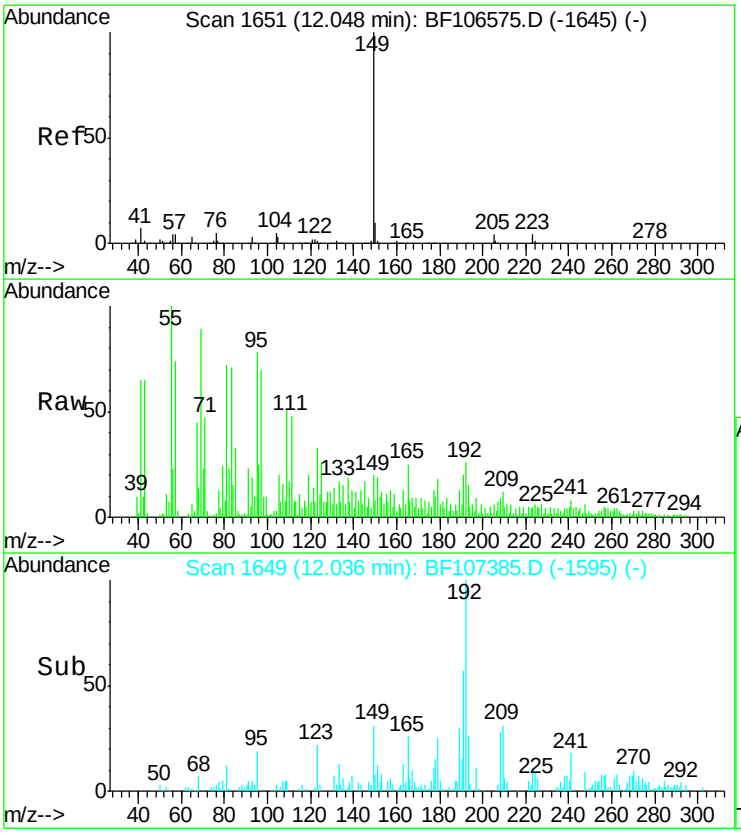
#71
Anthracene
Concen: 4.512 ng
RT: 11.61 min Scan# 1576
Delta R.T. 0.05 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:178 Resp: 14784

Ion	Ratio	Lower	Upper
178	100		
176	30.4	15.4	23.2#
179	205.1	12.6	19.0#

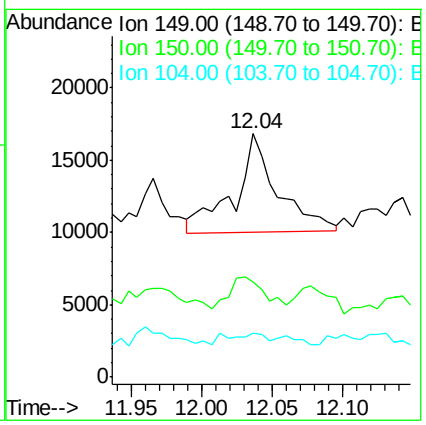


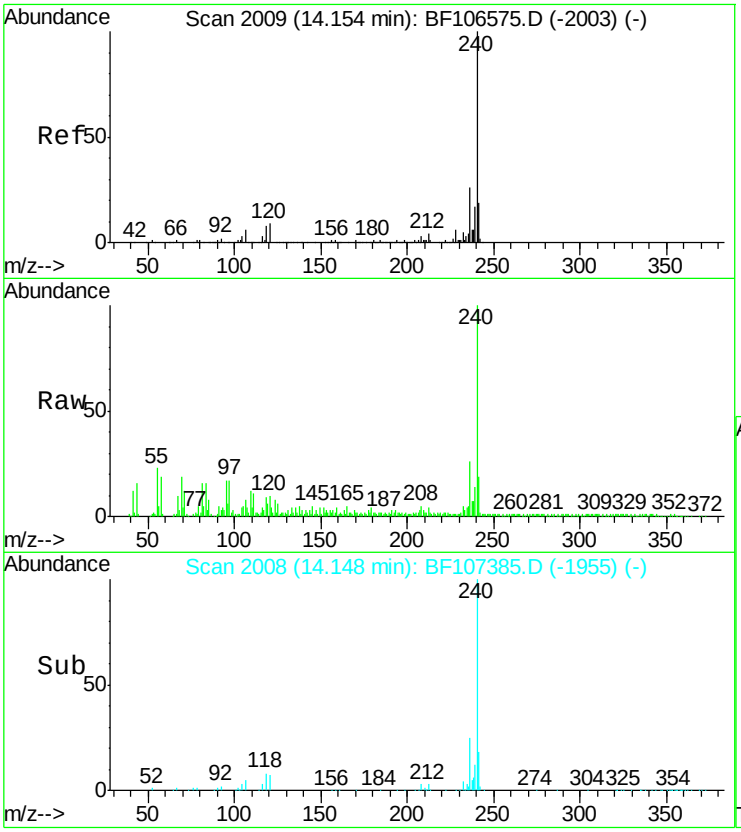


#73
Di-n-butylphthalate
Concen: 4.029 ng
RT: 12.04 min Scan# 1649
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:149 Resp: 14561

Ion	Ratio	Lower	Upper
149	100		
150	39.2	7.8	11.6#
104	17.8	3.8	5.8#



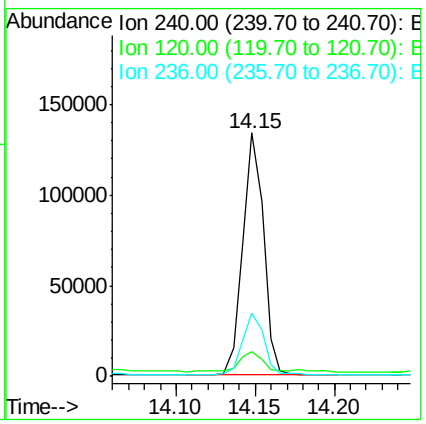


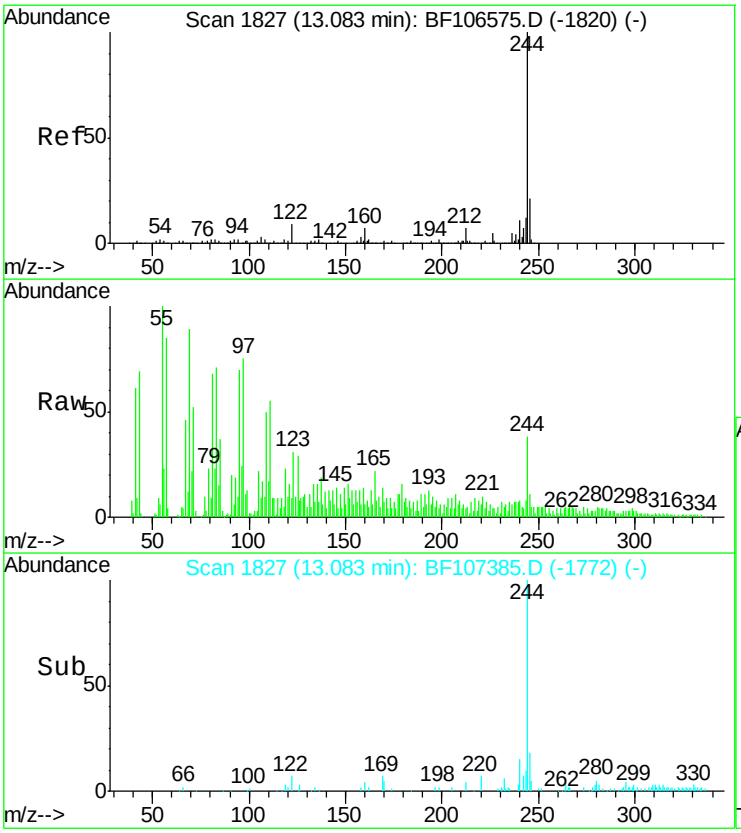
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:240 Resp: 121497

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.2	20.7	31.1

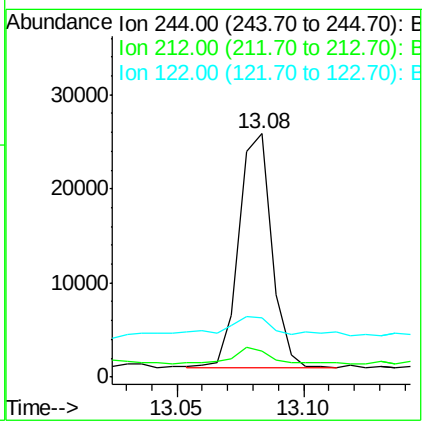


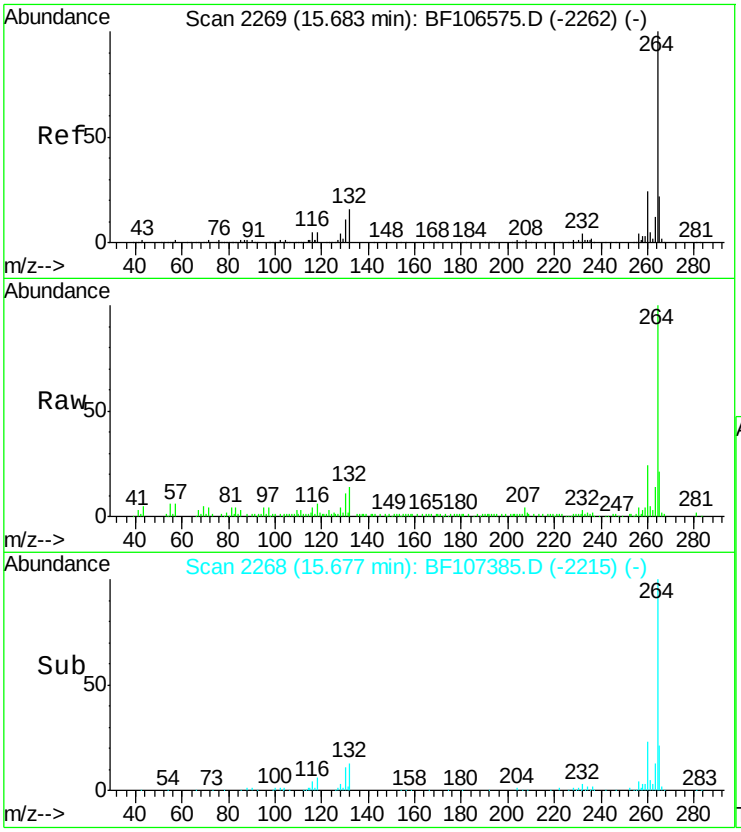


#78
Terphenyl-d14
Concen: 4.495 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Tgt Ion:244 Resp: 22547

Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.4	8.0#
122	24.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF107385.D
Acq: 14 Jul 2018 00:29

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:264 Resp: 98791

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3