Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110767.D
Acq On : 14 Nov 2018 16:33
Operator : JU/SJ
Sample : J5930-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 14 17:34:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72447	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	301603	20.00	ng	0.01
39) Acenaphthene-d10	9.99	164	132778	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	265282	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162805	20.00	ng	-0.01
87) Perylene-d12	15.66	264	139490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	467580	104.83	ng	0.01
7) Phenol-d6	6.57	99	539786	94.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	427847	81.70	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	165981	124.06	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	720676	77.52	ng	0.00
79) Terphenyl-d14	13.06	244	752682	86.58	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.62	93	23709	3.188	ng	# 56
9) Benzaldehyde	6.57	77	717	Below Cal		# 1
18) Hexachloroethane	7.62	117	6255	2.917	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	56246	15.449	ng	# 82
24) Nitrobenzene	7.62	77	183536	34.205	ng	# 42
25) Isophorone	7.52	82	422971	49.276	ng	# 67
27) 2,4-Dimethylphenol	7.79	122	26681	6.545	ng	# 1
32) Benzoic acid	7.79	122	26681	9.250	ng	# 1
47) 2-Chloronaphthalene	9.39	162	22334	2.503	ng	# 38
57) 2,4-Dinitrotoluene	9.99	165	16508	5.825	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.49	198	13223	9.890	ng	# 56
67) 4-Bromophenyl-phenylether	10.78	248	10687	3.645	ng	# 1
77) Benzidine	12.82	184	27404	6.121	ng	98

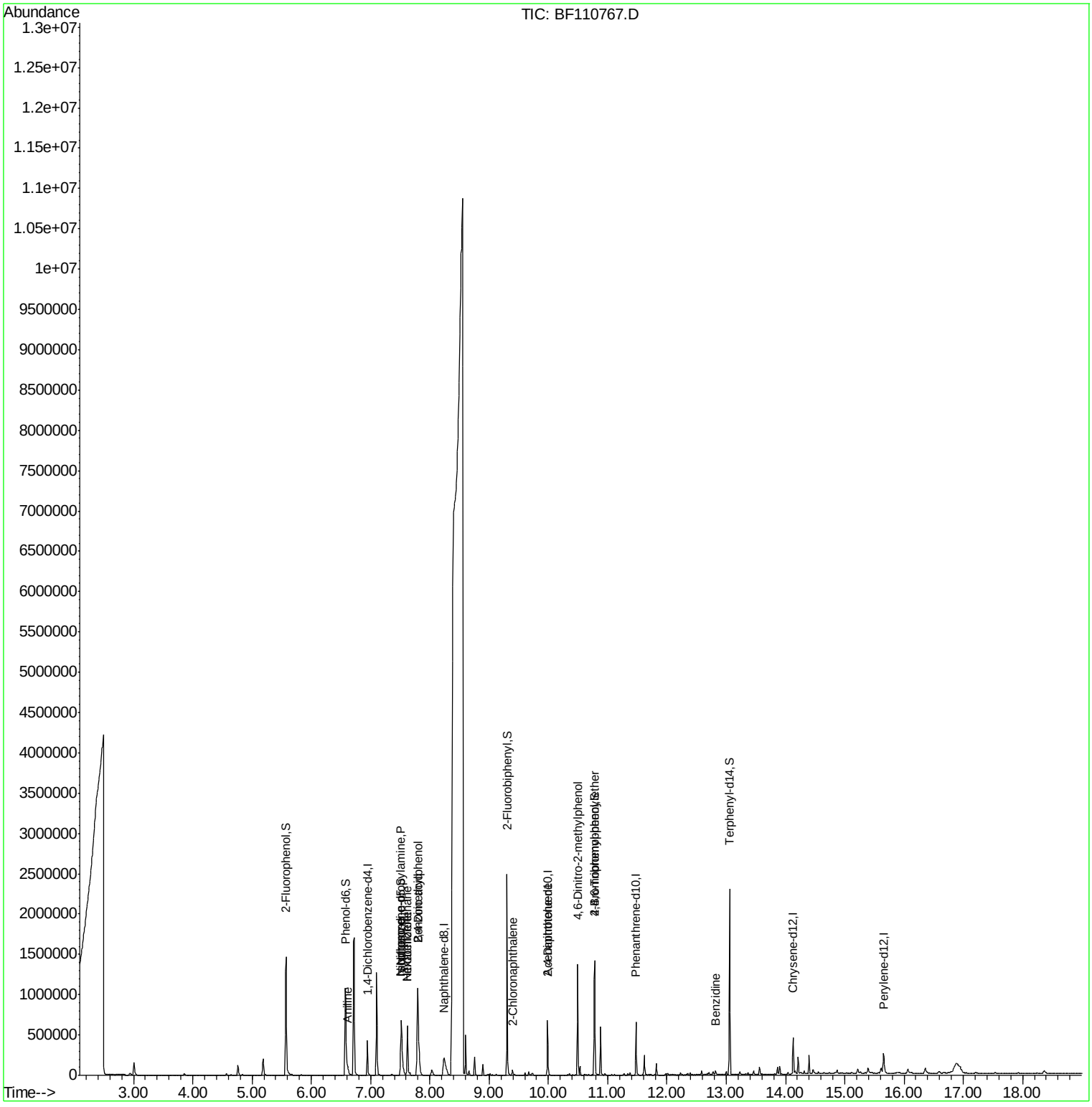
(#) = qualifier out of range (m) = manual integration (+) = signals summed

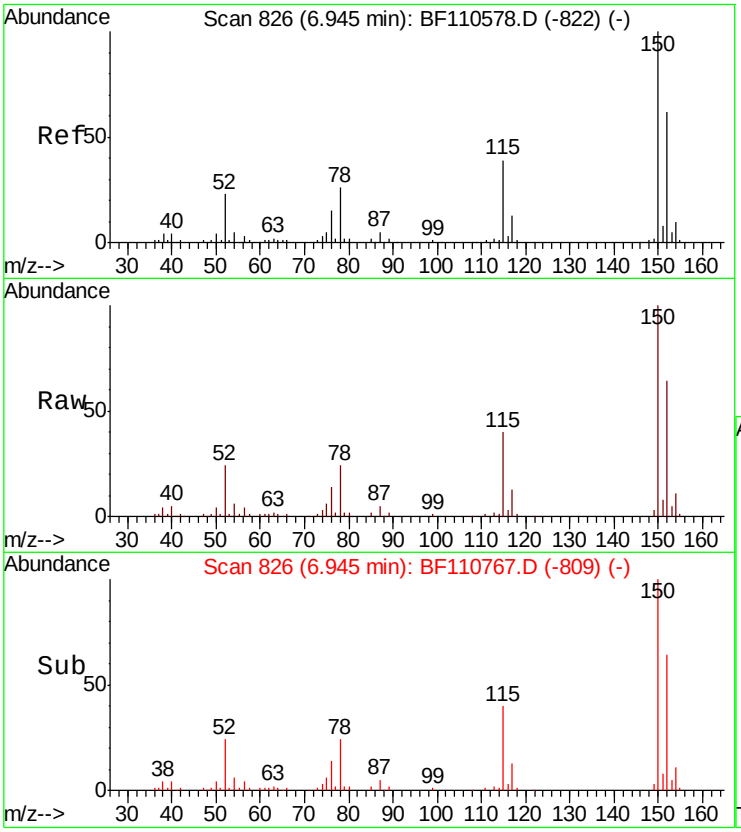
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110767.D
Acq On : 14 Nov 2018 16:33
Operator : JU/SJ
Sample : J5930-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 14 17:34:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



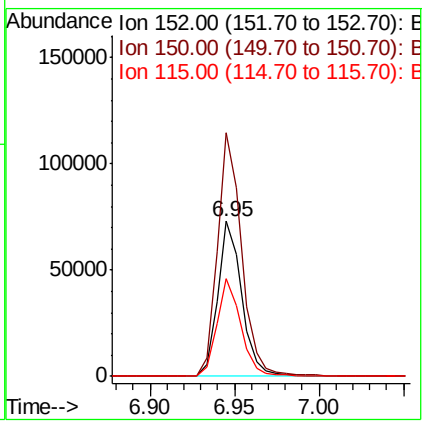


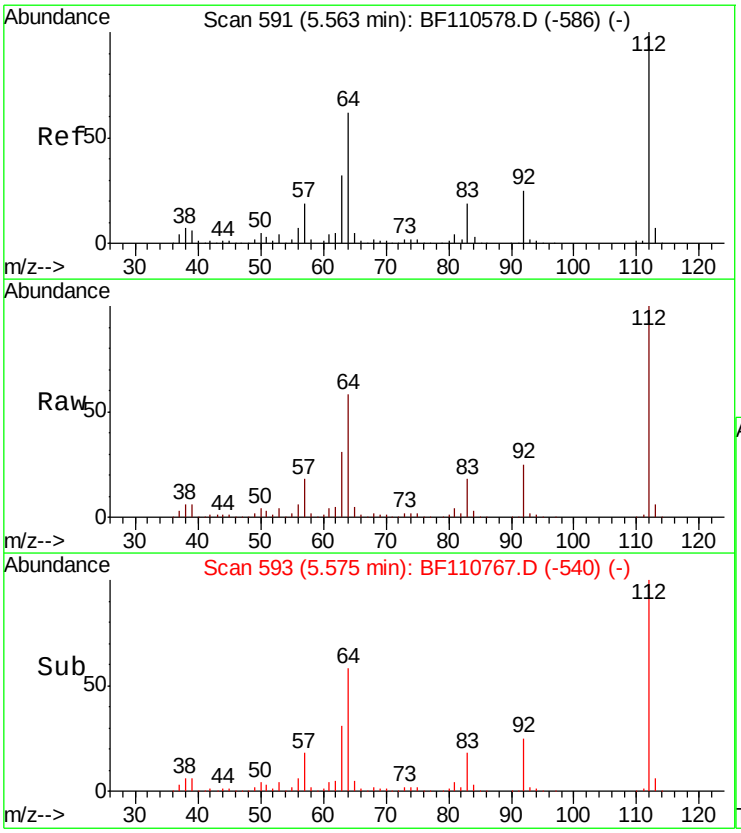
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72447

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	63.3	49.1	73.7

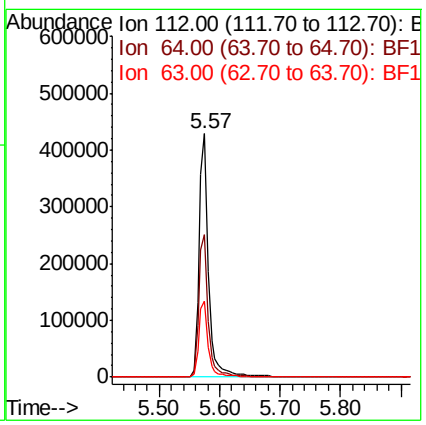


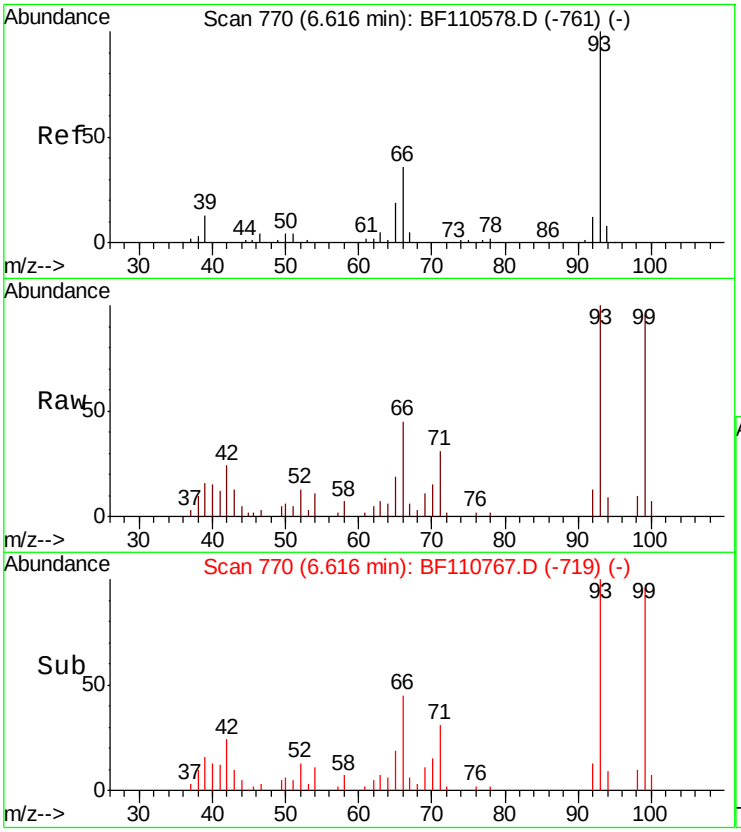


#5
2-Fluorophenol
Concen: 104.835 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:112 Resp: 467580

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	31.1	23.7	35.5



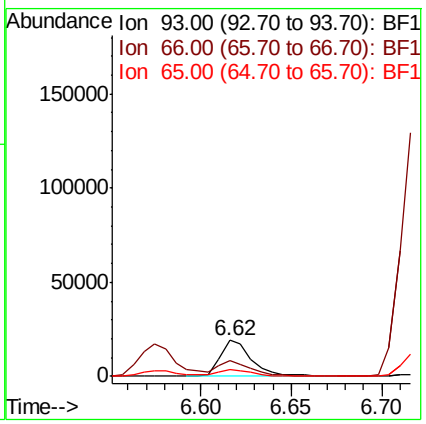


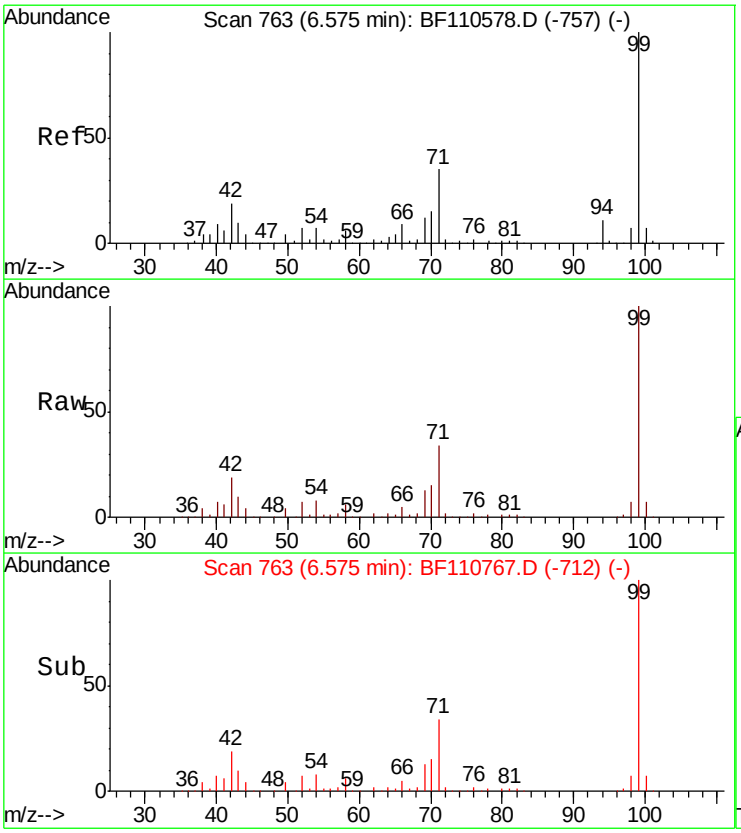
#6
Aniline
Concen: 3.188 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 23709

Ion	Ratio	Lower	Upper
93	100		
66	45.4	67.4	101.0#
65	19.3	41.0	61.4#

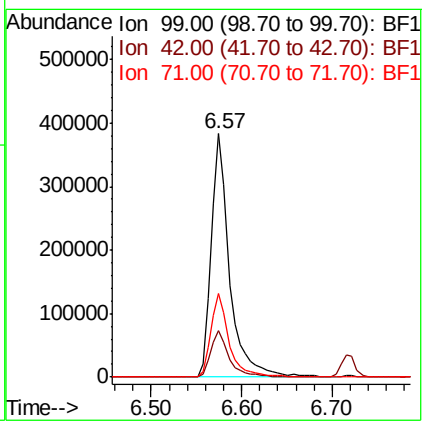


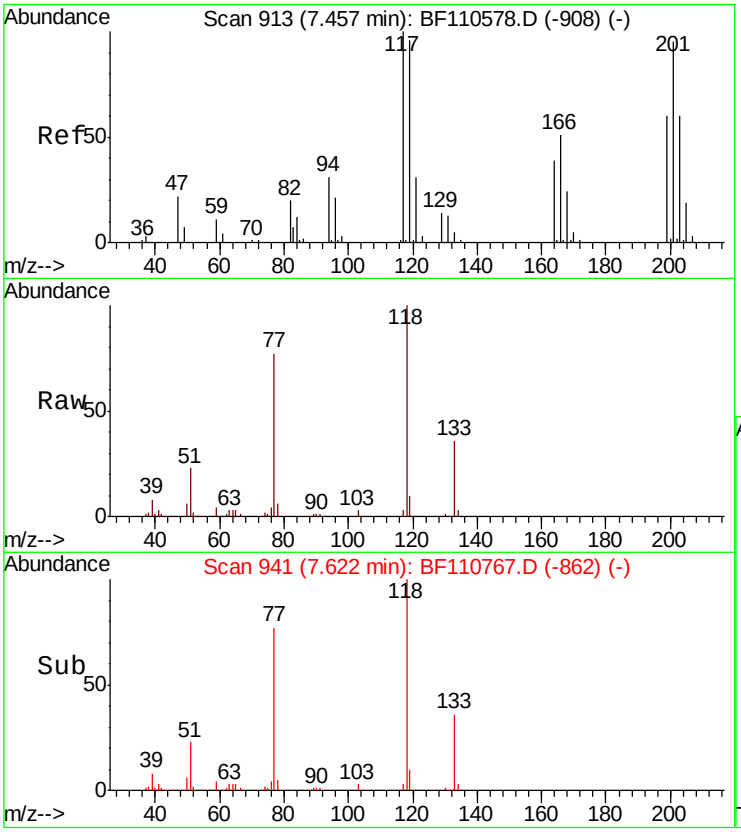


#7
Phenol-d6
Concen: 94.642 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 99 Resp: 539786

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	34.2	28.0	42.0



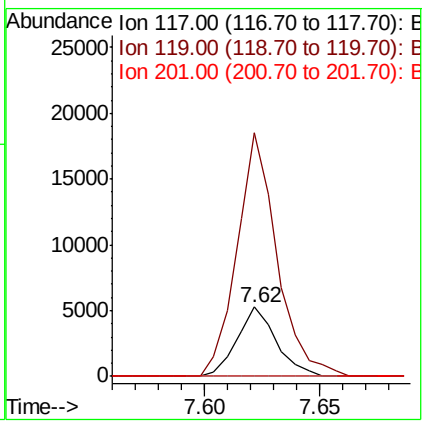


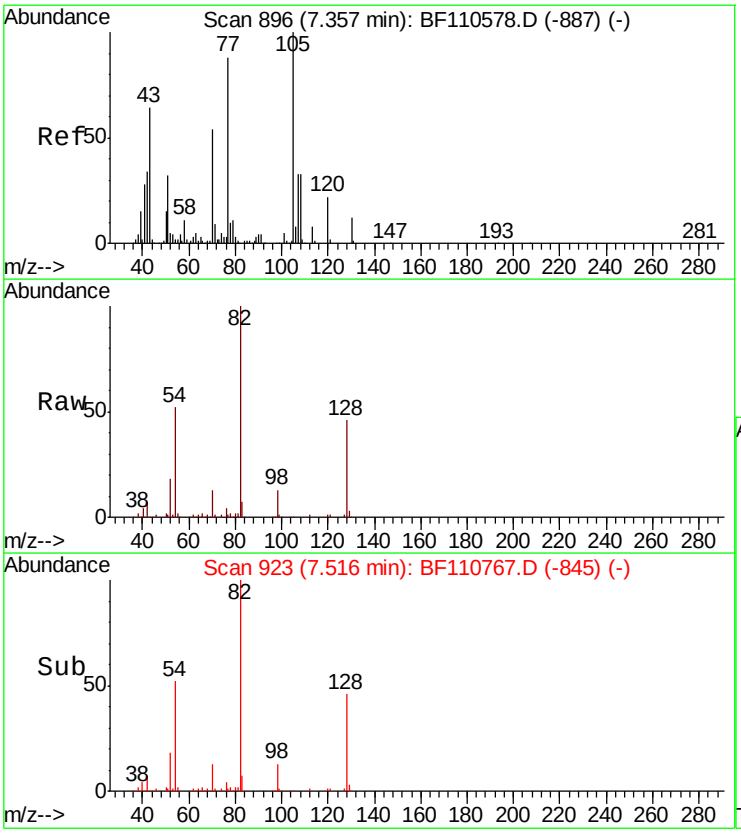
#18
Hexachloroethane
Concen: 2.917 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.16 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 6255

Ion	Ratio	Lower	Upper
117	100		
119	351.5	75.0	112.6#
201	0.0	79.2	118.8#

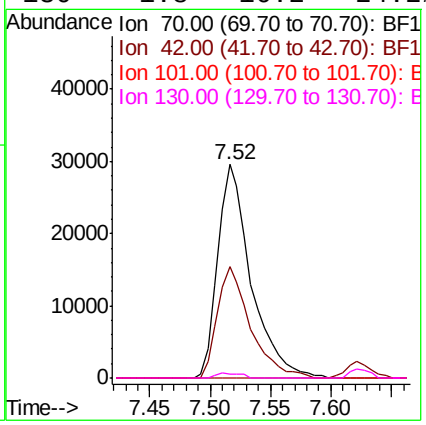


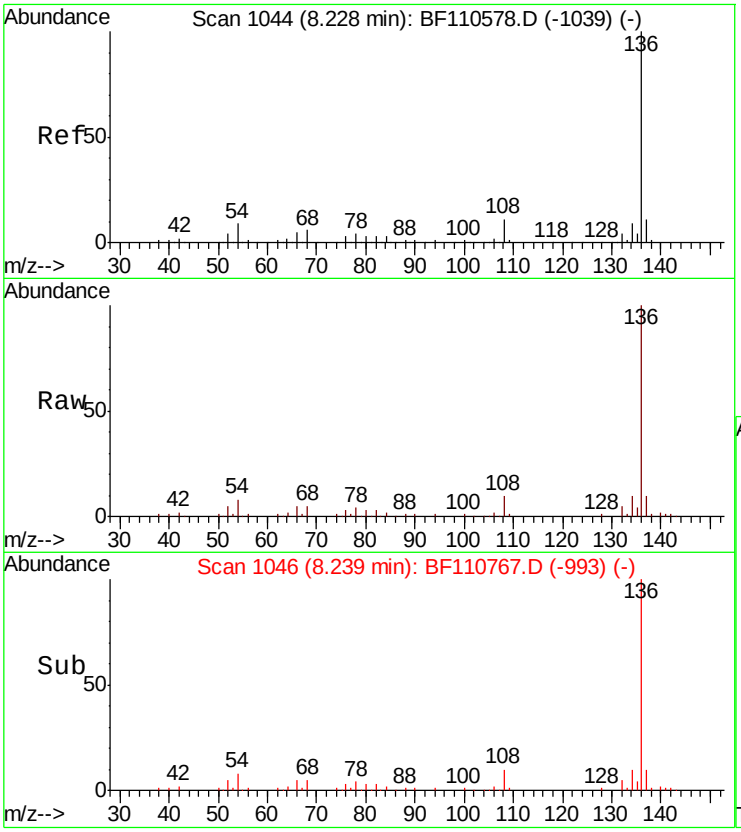


#19
n-Nitroso-di-n-propylamine
Concen: 15.449 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 70 Resp: 56246

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.4	71.2
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#



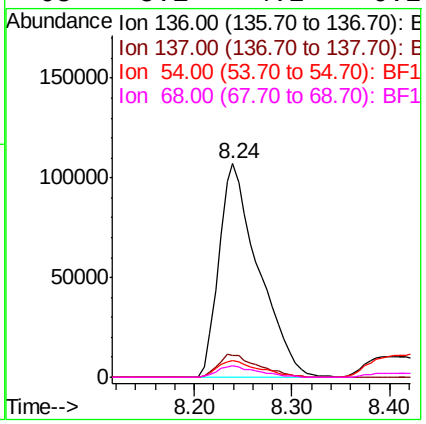


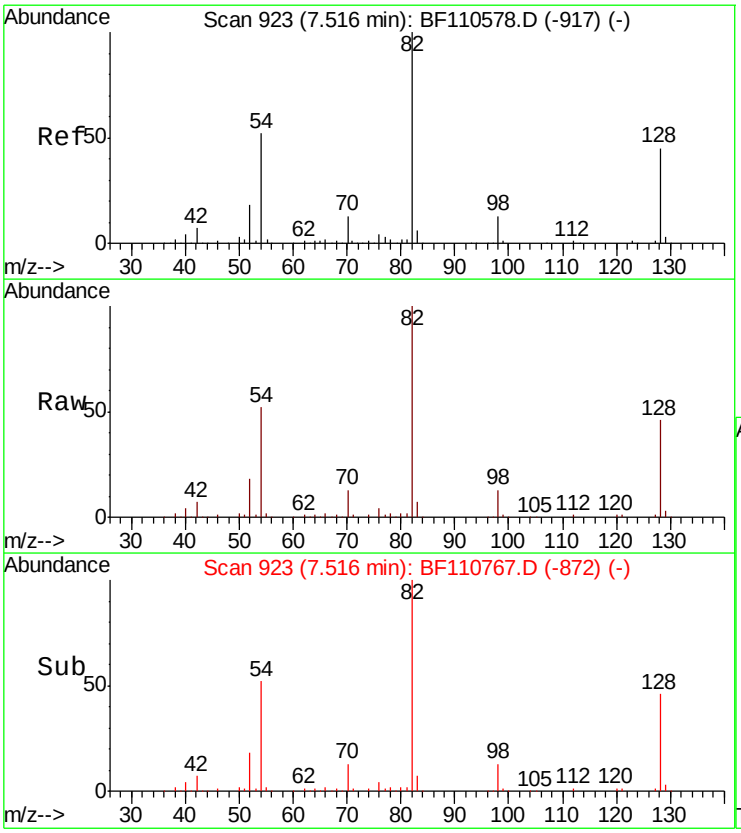
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 301603

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	8.1	5.4	8.2
68	5.1	4.2	6.2

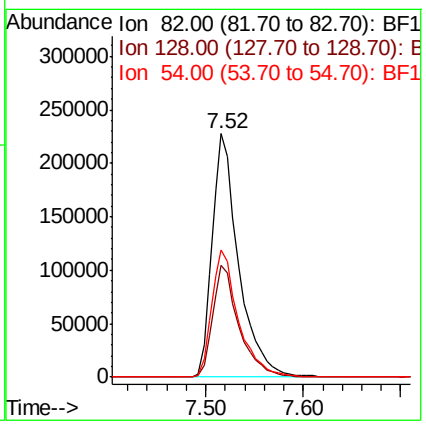


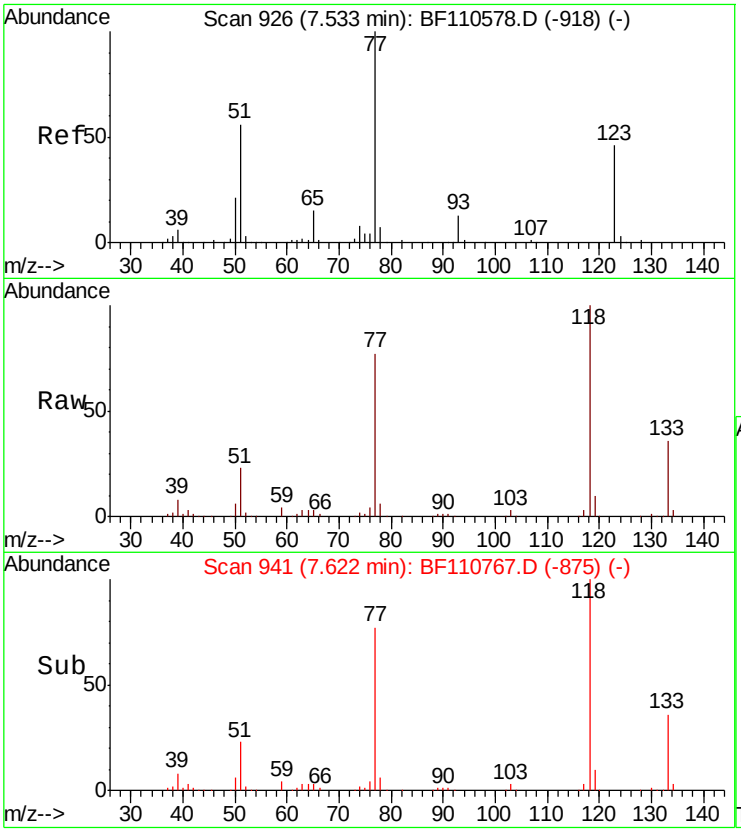


#23
Nitrobenzene-d5
Concen: 81.695 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 82 Resp: 427847

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	52.3	38.6	58.0



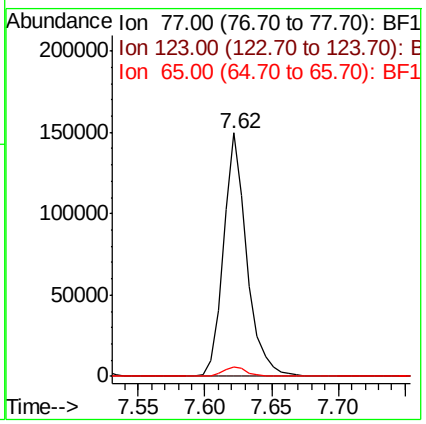


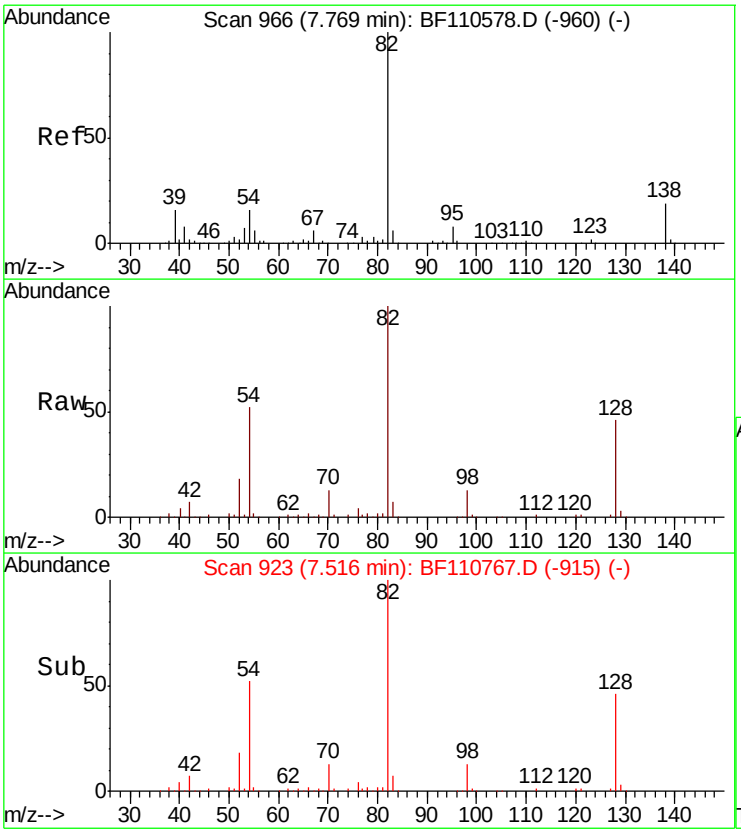
#24
Nitrobenzene
Concen: 34.205 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.09 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 183536

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.7	53.5#
65	3.9	10.7	16.1#

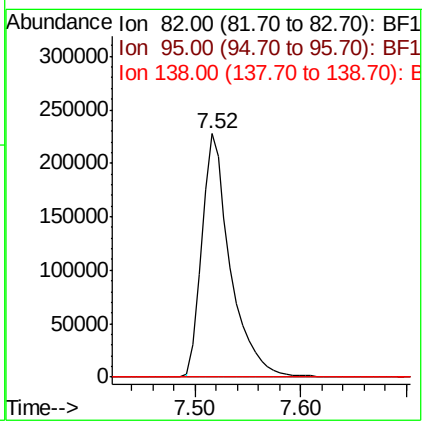


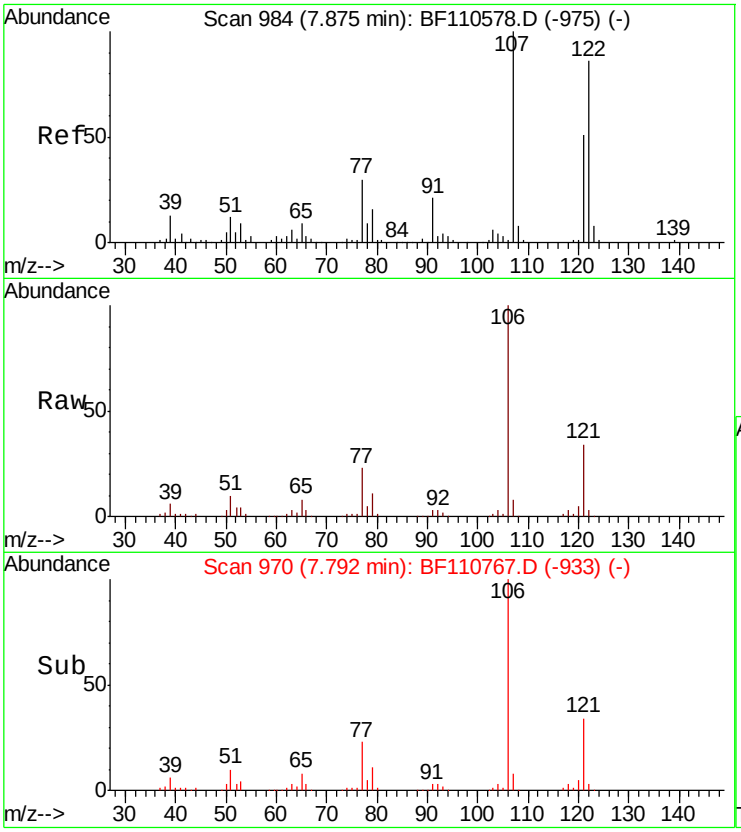


#25
Isophorone
Concen: 49.276 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion: 82 Resp: 422971

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



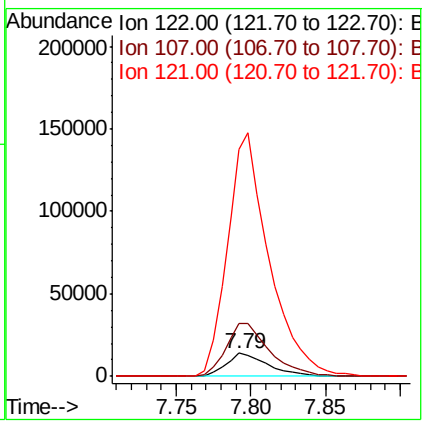


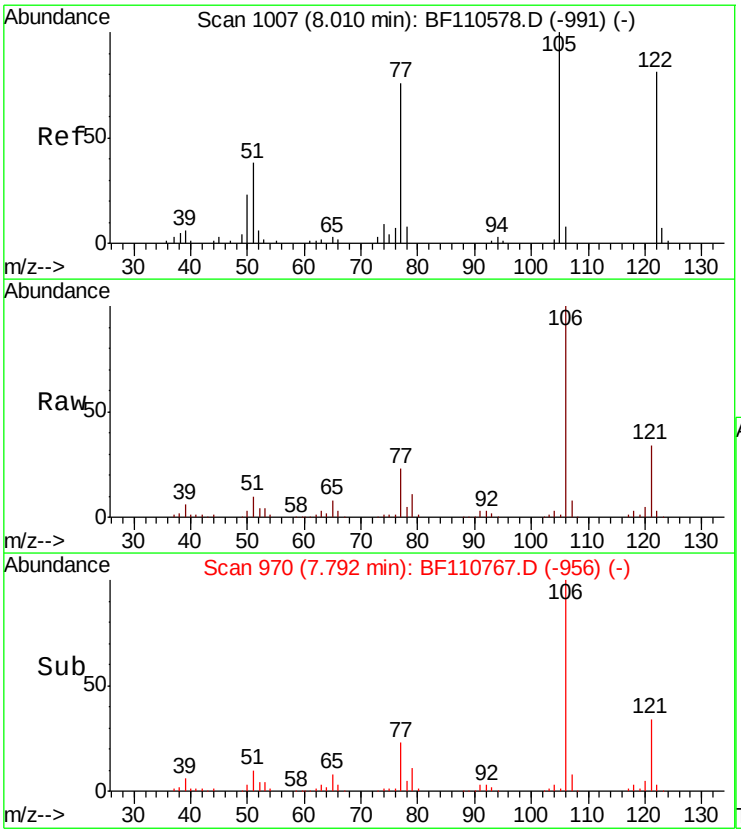
#27
2,4-Dimethylphenol
Concen: 6.545 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.08 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 26681

Ion	Ratio	Lower	Upper
122	100		
107	231.9	92.5	138.7#
121	988.9	45.8	68.8#

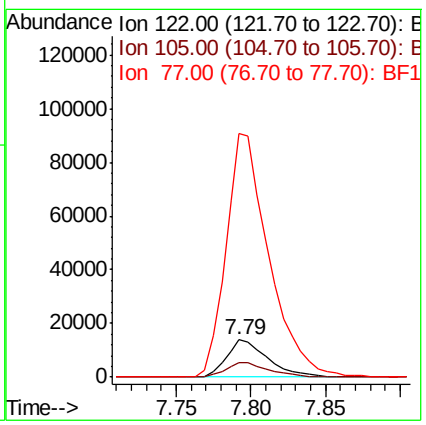


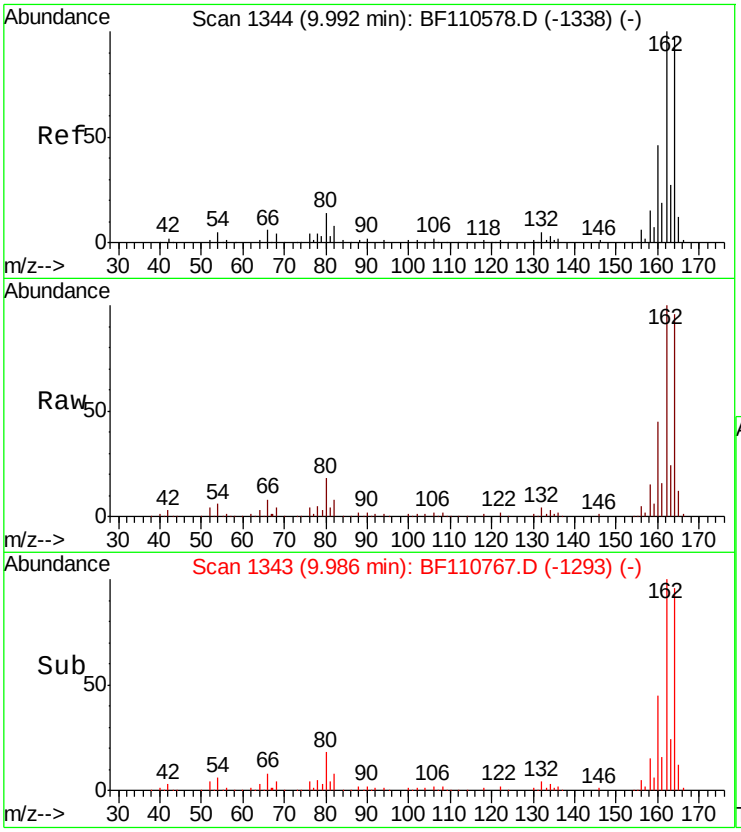


#32
Benzoic acid
Concen: 9.250 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.22 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:122 Resp: 26681

Ion	Ratio	Lower	Upper
122	100		
105	37.8	109.0	149.0#
77	652.8	79.0	119.0#



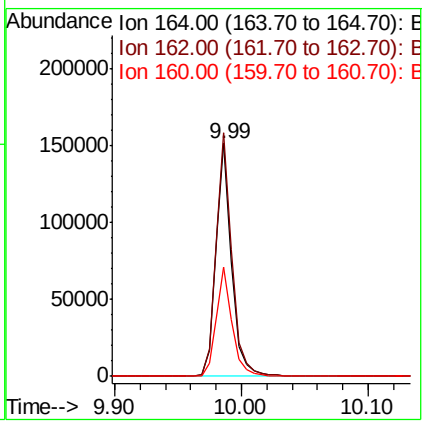


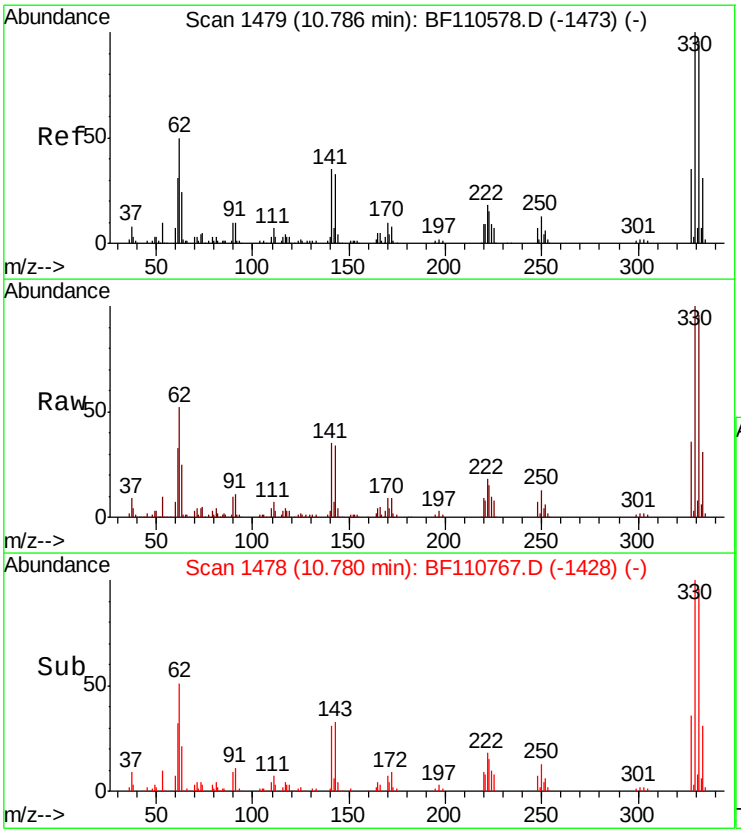
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 132778

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.6
160	46.8	37.0	55.6

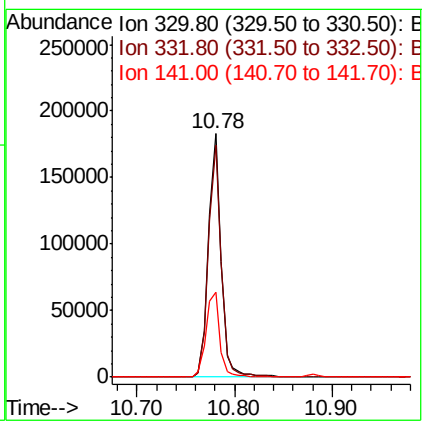


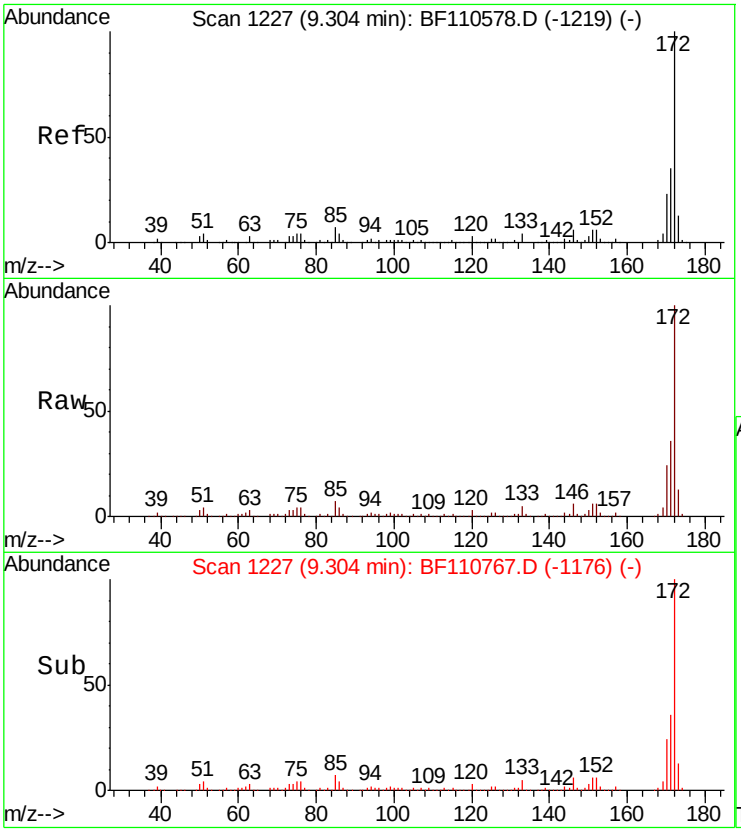


#42
2,4,6-Tribromophenol
Concen: 124.060 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:330 Resp: 165981

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	37.7	27.0	40.4



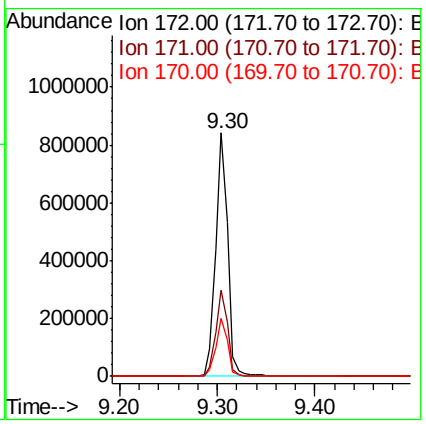


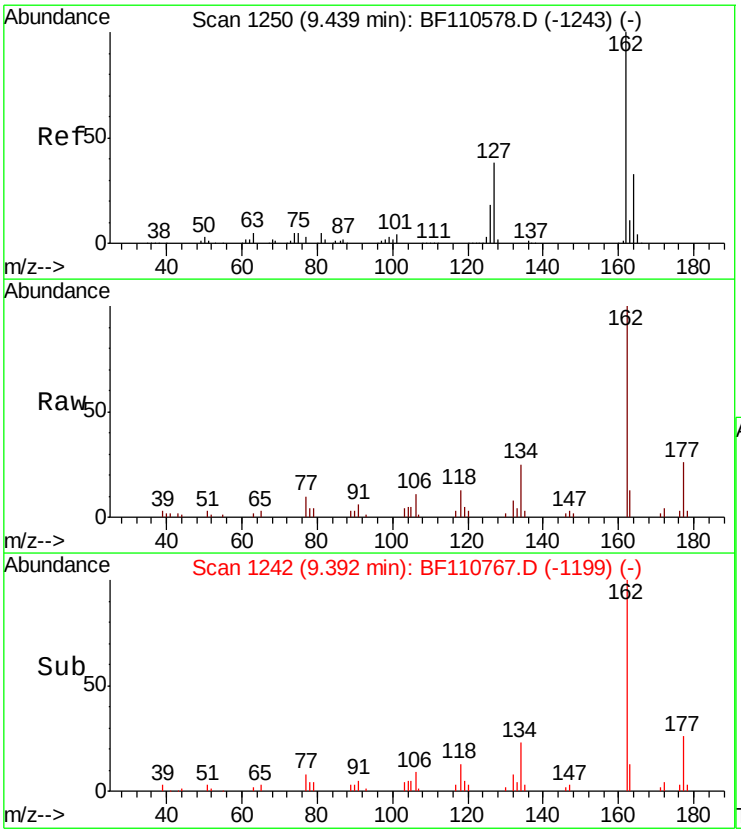
#45
2-Fluorobiphenyl
Concen: 77.517 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 720676

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.7	29.5

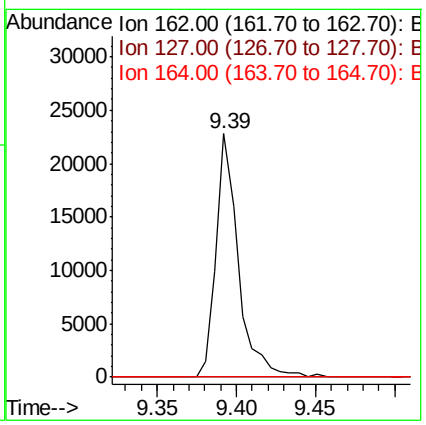


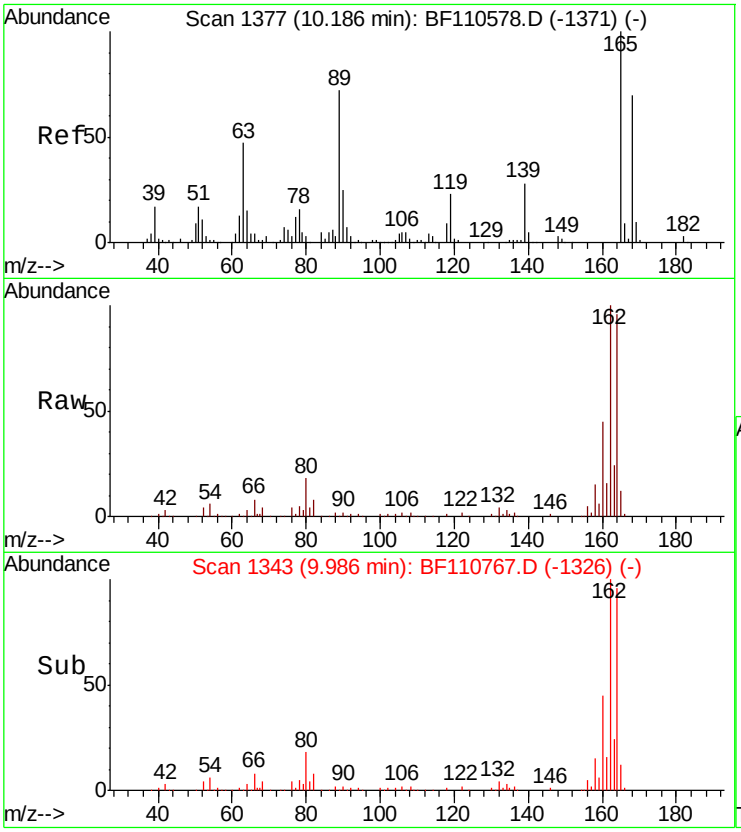


#47
2-Chloronaphthalene
Concen: 2.503 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.05 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:162 Resp: 22334

Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.6	48.8#
164	0.0	25.9	38.9#



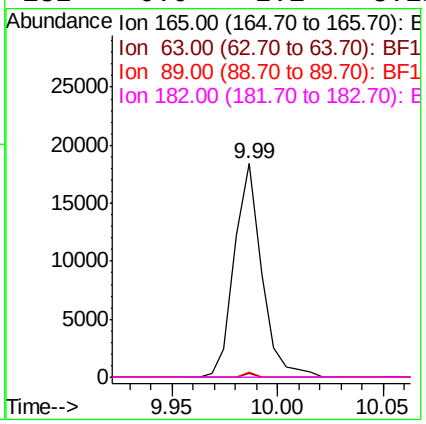


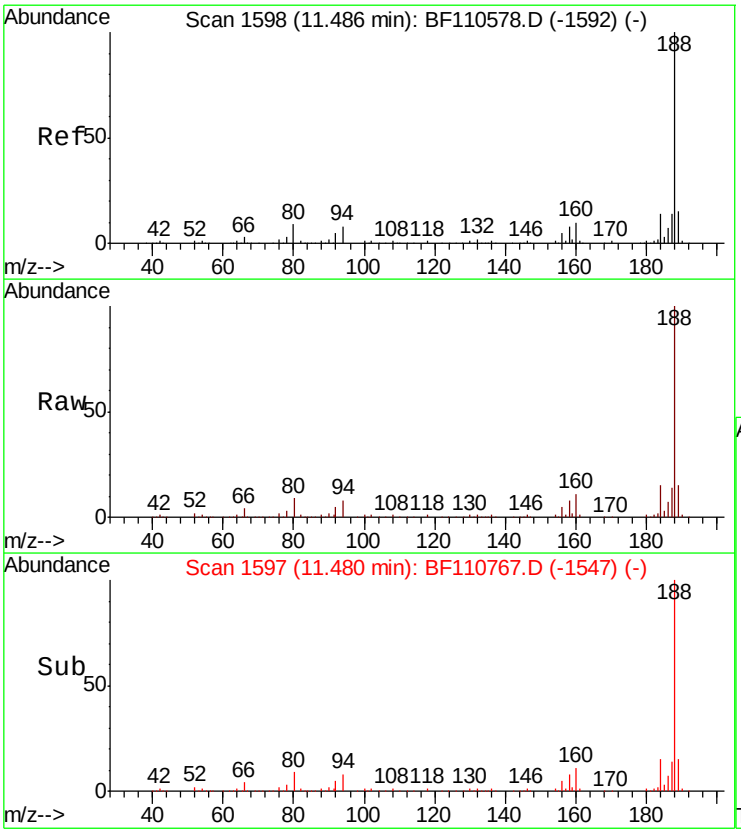
#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16508

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	2.2	62.2	93.4#
182	0.0	2.1	3.1#

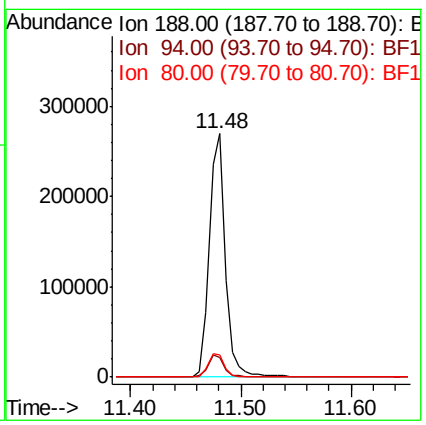


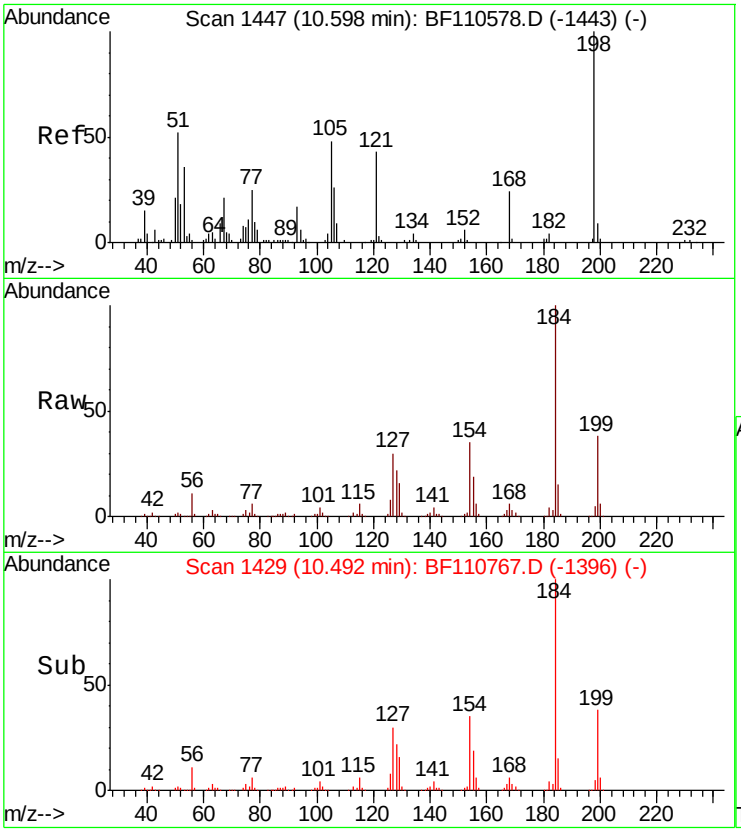


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:188 Resp: 265282

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.3	7.9	11.9



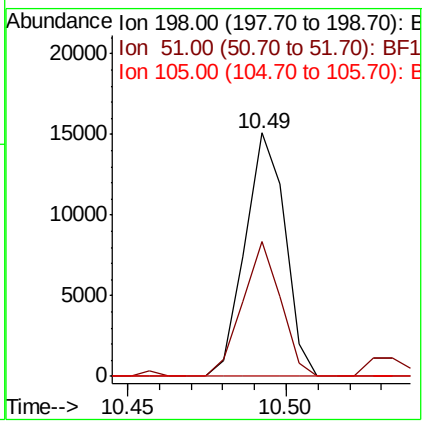


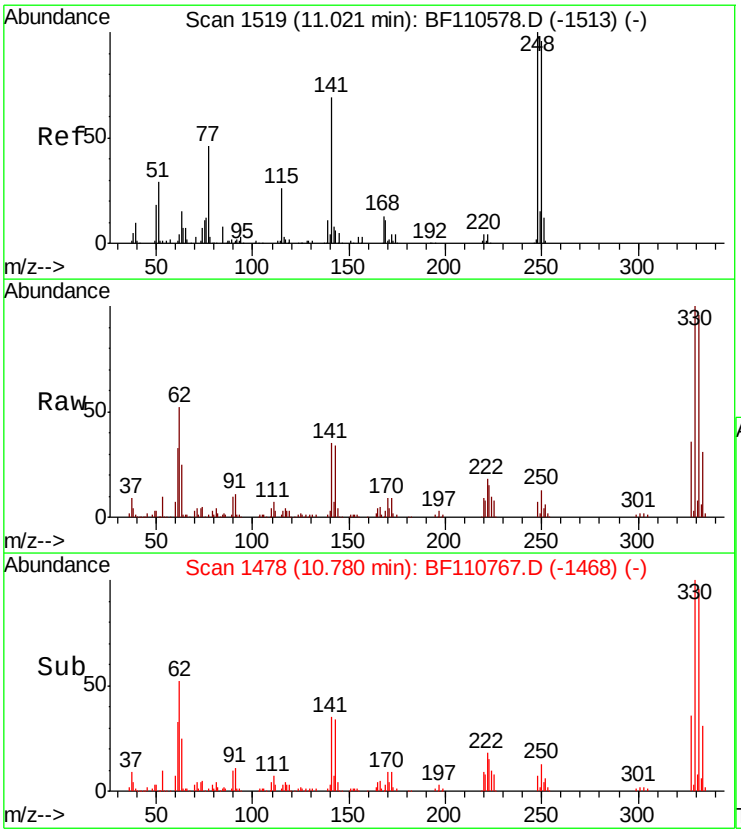
#65
4,6-Dinitro-2-methylphenol
Concen: 9.890 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.11 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 13223

Ion	Ratio	Lower	Upper
198	100		
51	55.2	22.8	62.8
105	0.0	23.6	63.6#

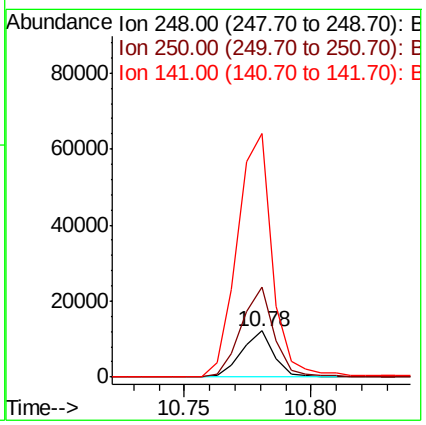


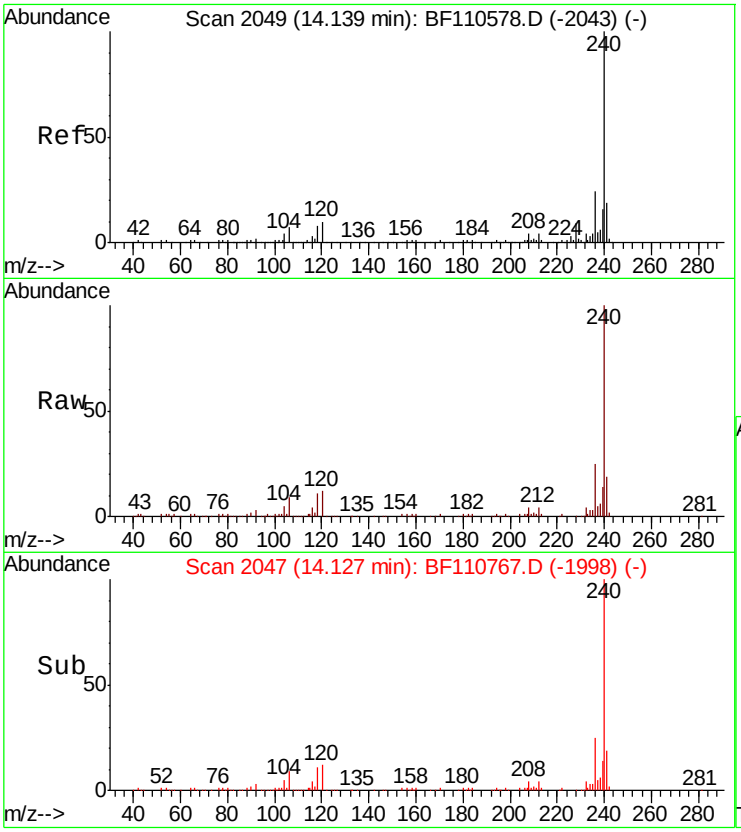


#67
4-Bromophenyl-phenylether
Concen: 3.645 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:248 Resp: 10687

Ion	Ratio	Lower	Upper
248	100		
250	194.5	79.4	119.2#
141	528.9	55.9	83.9#



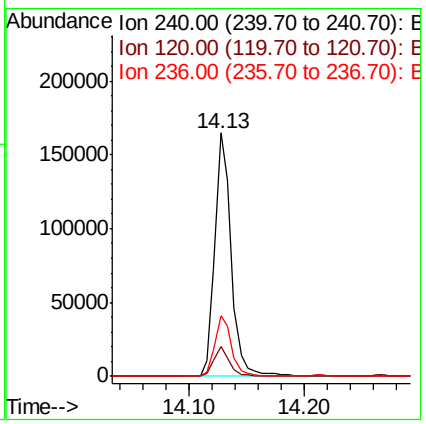


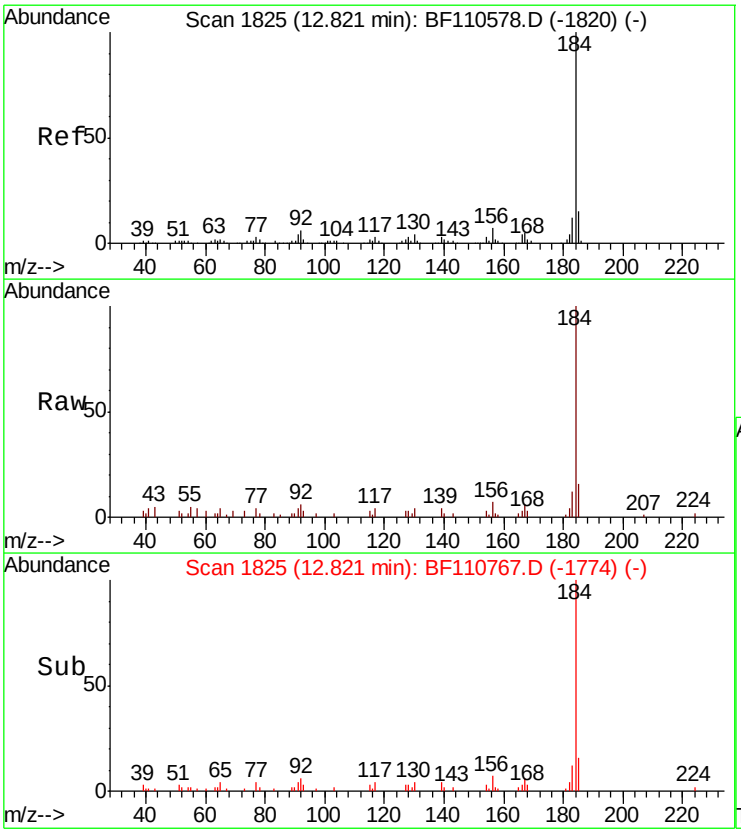
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 162805

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	24.7	21.2	31.8

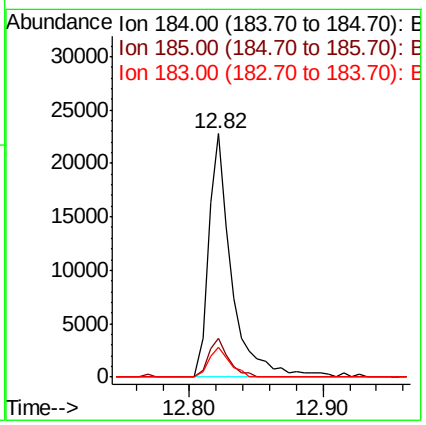


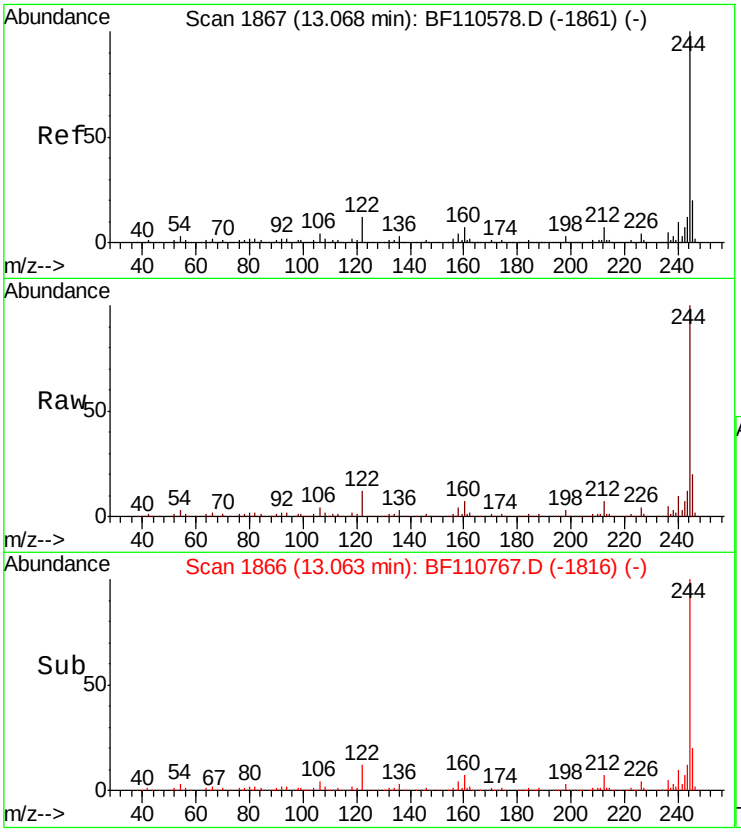


#77
Benzidine
Concen: 6.121 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:184 Resp: 27404

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.4	20.2
183	12.3	9.4	14.2



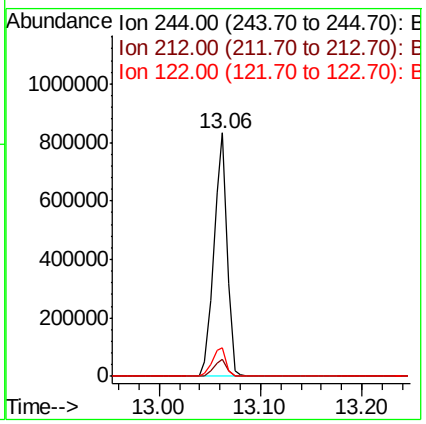


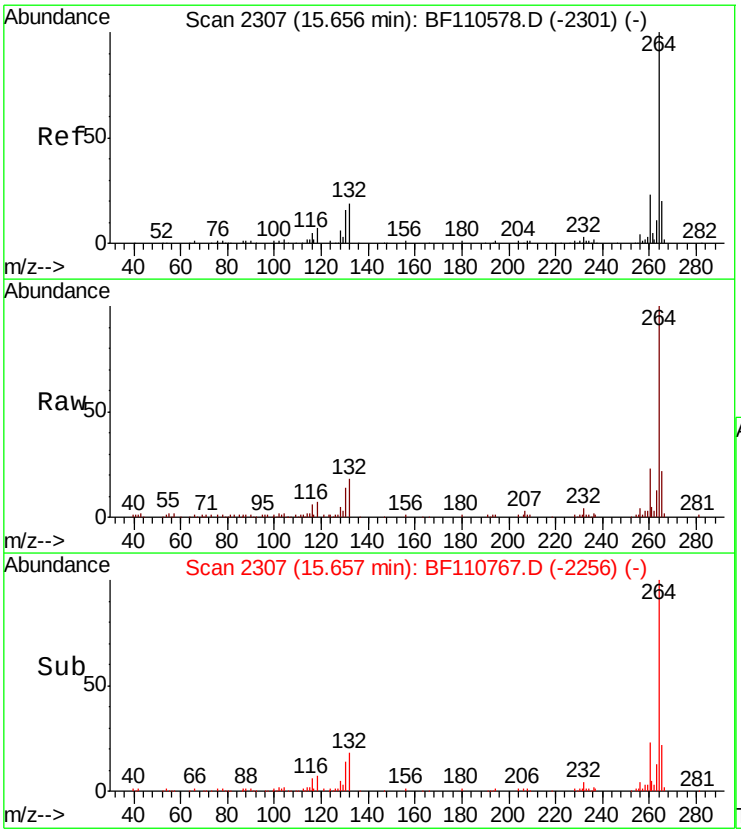
#79
Terphenyl-d14
Concen: 86.582 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 752682

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.5	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110767.D
Acq: 14 Nov 2018 16:33

Tgt Ion:264 Resp: 139490

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.0	16.7	25.1