Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110587.D
Acq On : 8 Nov 2018 16:24
Operator : JU/SJ
Sample : J5839-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 08:41:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67962	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	276261	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	134251	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	259631	20.00	ng		0.00
76) Chrysene-d12	14.13	240	186278	20.00	ng		-0.01
87) Perylene-d12	15.65	264	132996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	453082	108.29	ng		0.01
7) Phenol-d6	6.57	99	519131	97.03	ng		0.00
23) Nitrobenzene-d5	7.51	82	397979	82.96	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	169310	125.16	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	739929	78.71	ng		0.00
79) Terphenyl-d14	13.06	244	798661	80.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	12054	2.40	ng		82
19) n-Nitroso-di-n-propylamine	7.51	70	52424	15.35	ng	#	81
25) Isophorone	7.51	82	397975	50.62	ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	16211	7.36	ng	#	23
57) 2,4-Dinitrotoluene	9.99	165	16211	5.66	ng	#	20
67) 4-Bromophenyl-phenylether	10.78	248	10570	3.68	ng	#	1
77) Benzidine	13.06	184	10912	2.13	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110587.D
Acq On : 8 Nov 2018 16:24
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 09 08:41:27 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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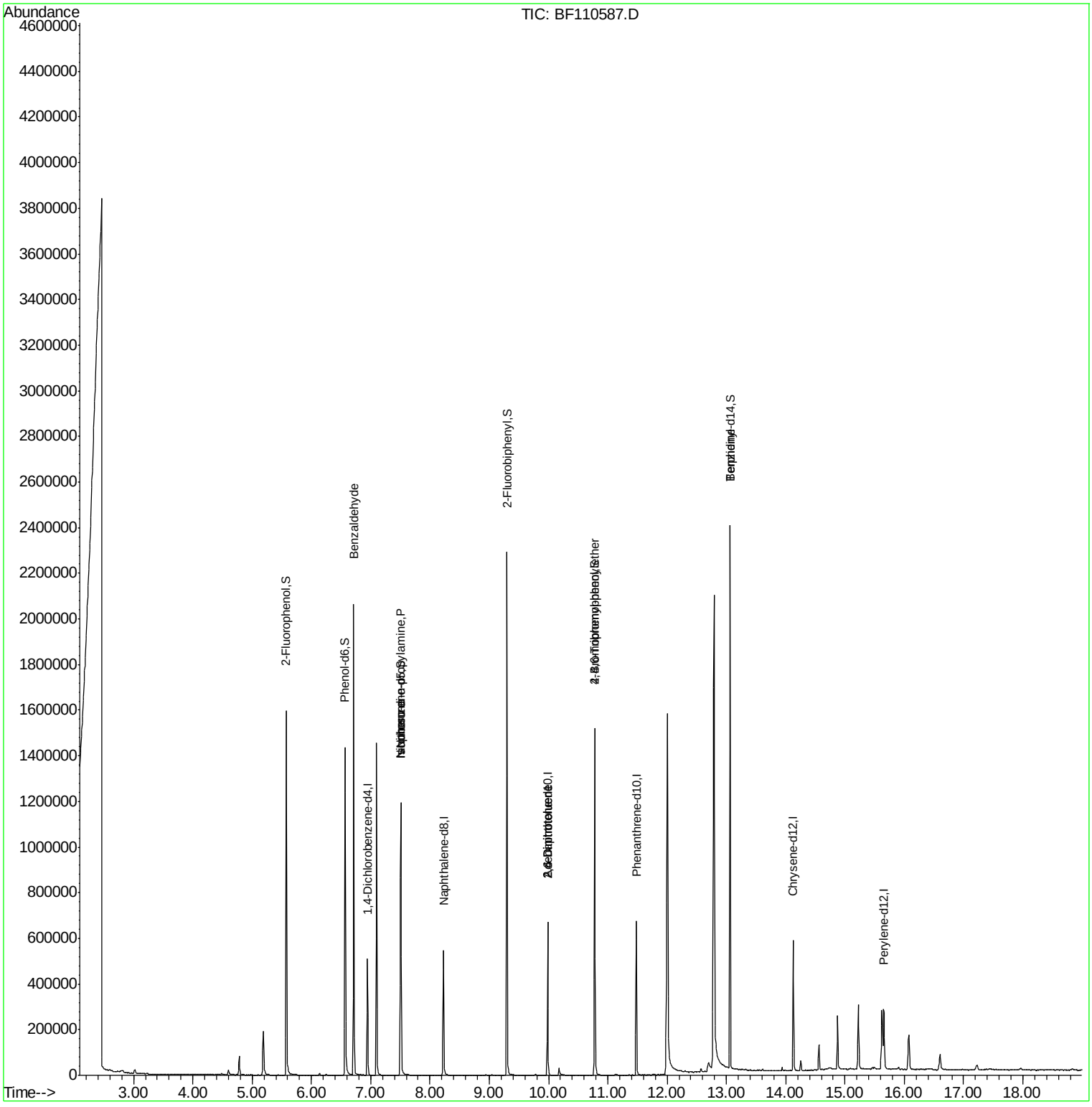
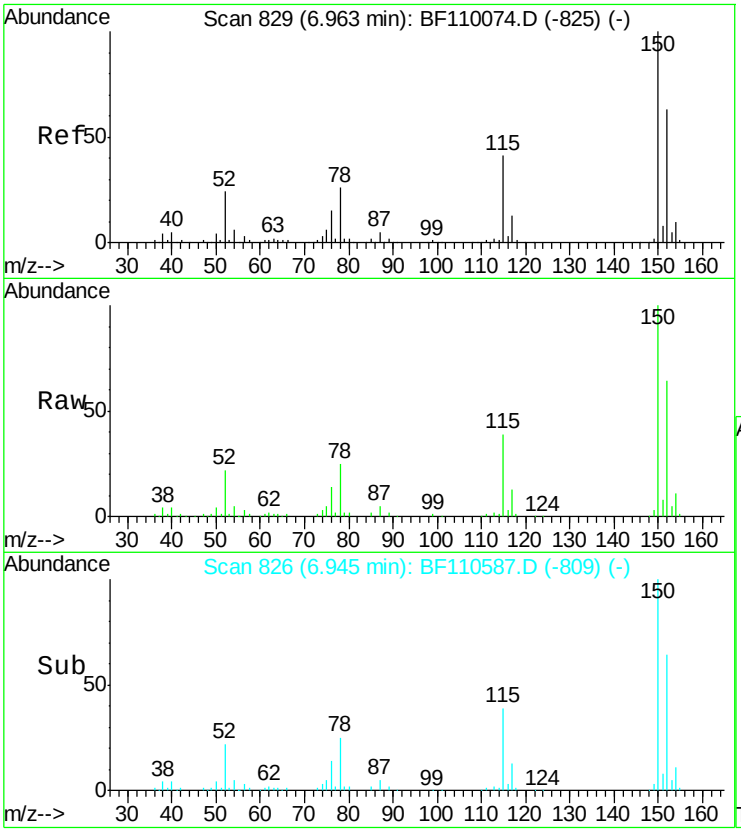


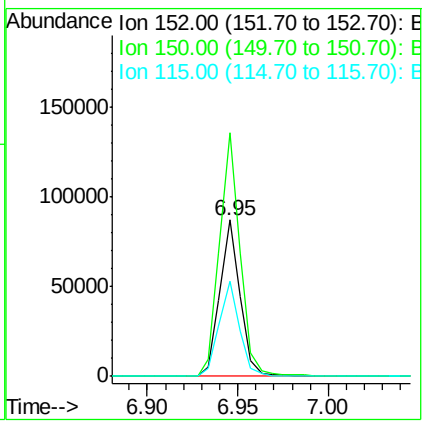


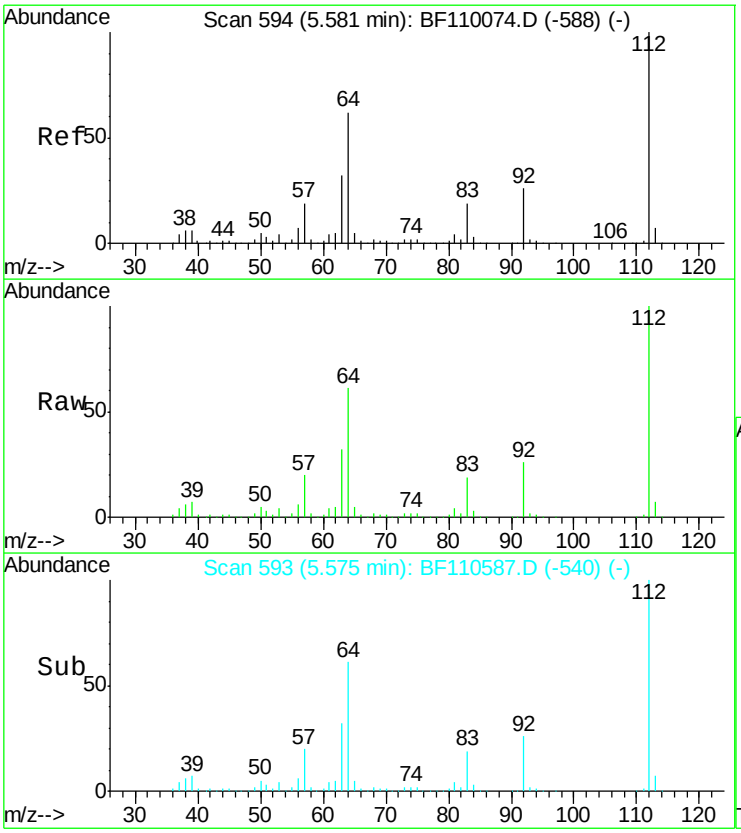
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 67962

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	61.1	49.1	73.7

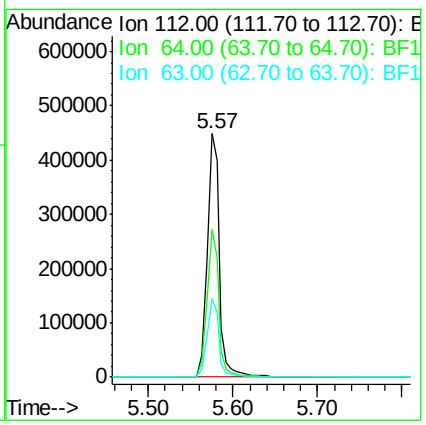


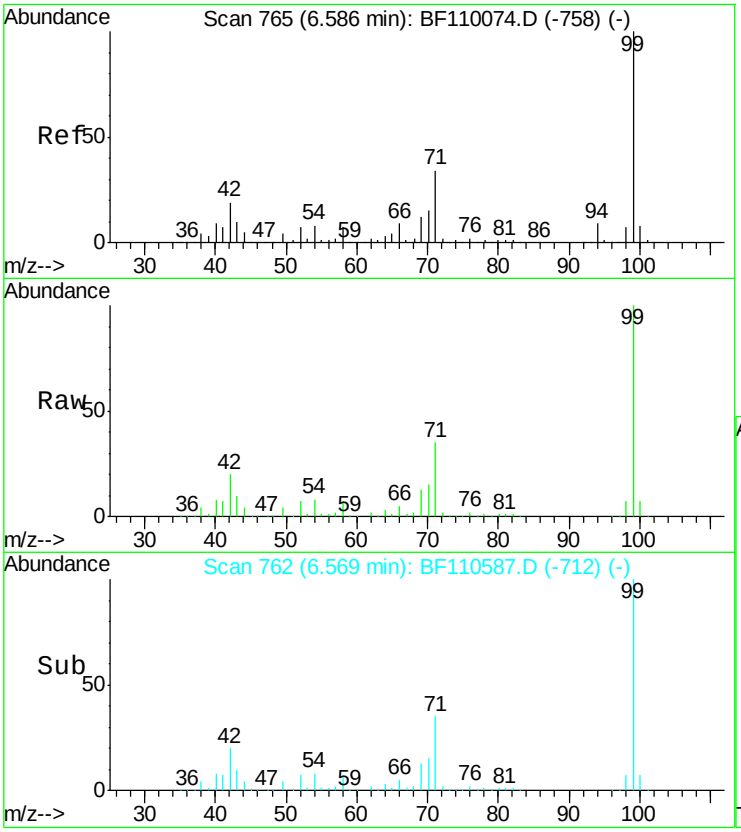


#5
2-Fluorophenol
Concen: 108.29 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:112 Resp: 453082

Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	32.5	23.7	35.5



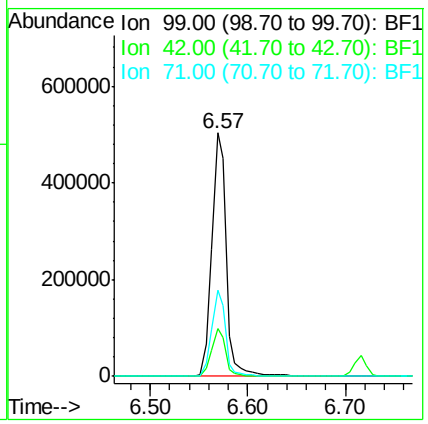


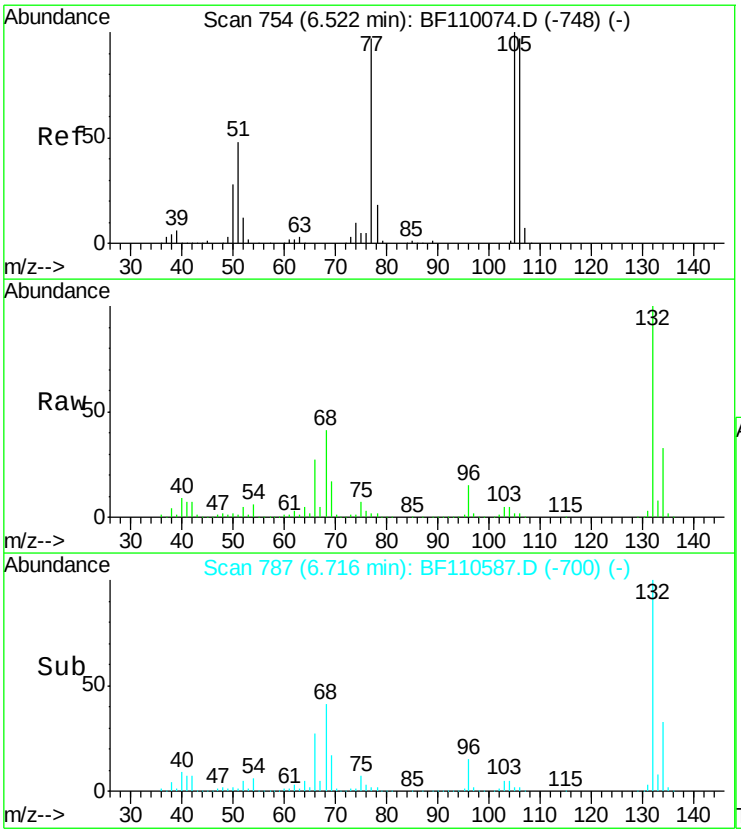
#7
Phenol-d6
Concen: 97.03 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 519131

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.5	28.0	42.0

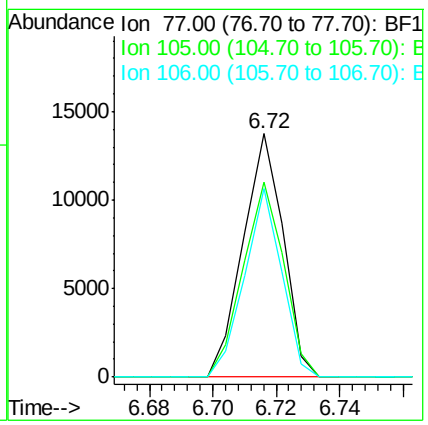


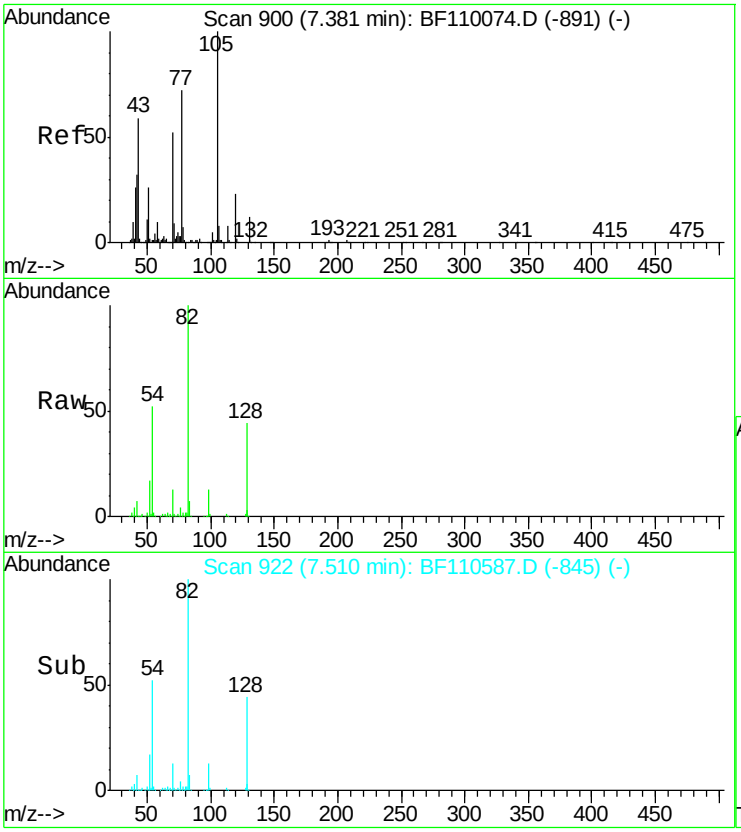


#9
Benzaldehyde
Concen: 2.40 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.21 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion: 77 Resp: 12054

Ion	Ratio	Lower	Upper
77	100		
105	80.3	78.6	118.6
106	77.4	74.8	114.8



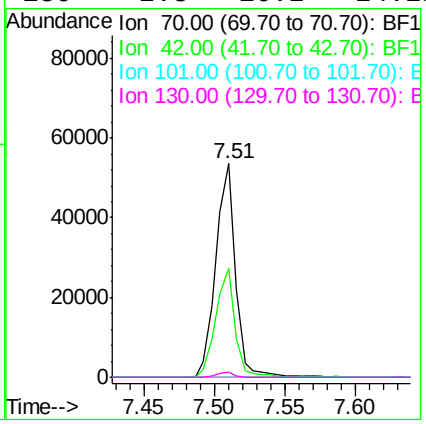


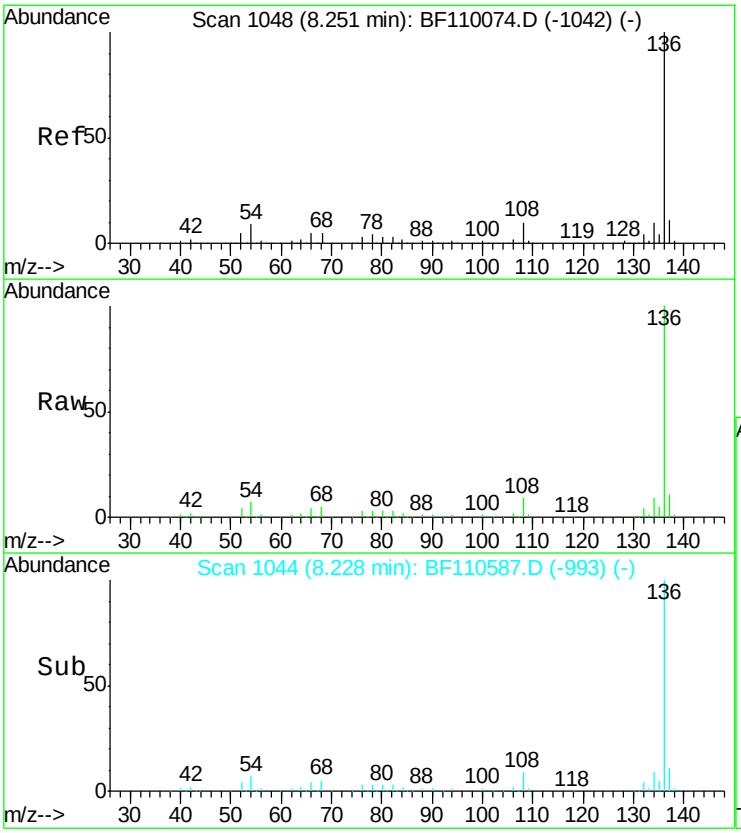
#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 52424

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

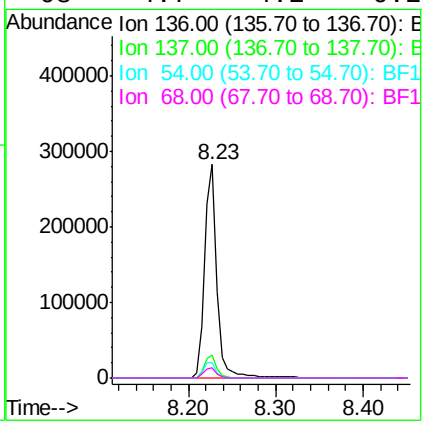


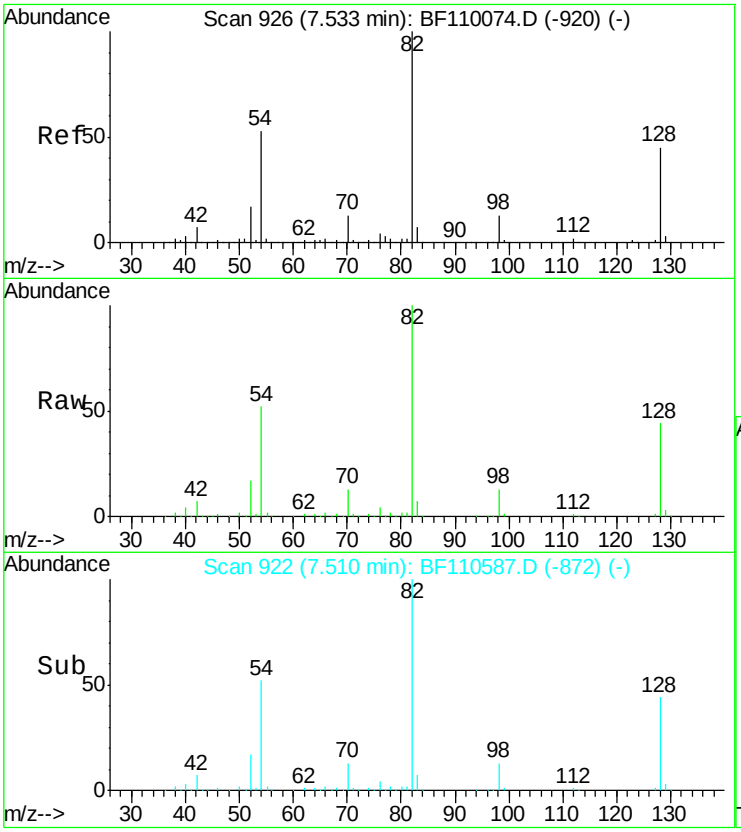


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:136 Resp: 276261

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.4	5.4	8.2
68	4.7	4.2	6.2



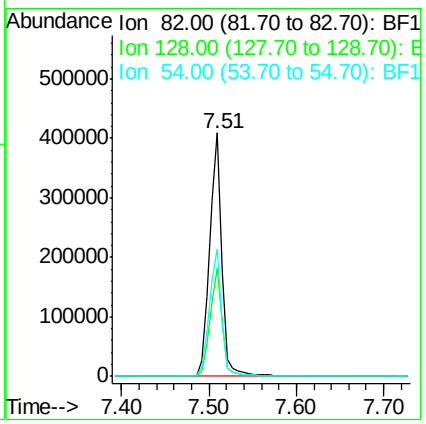


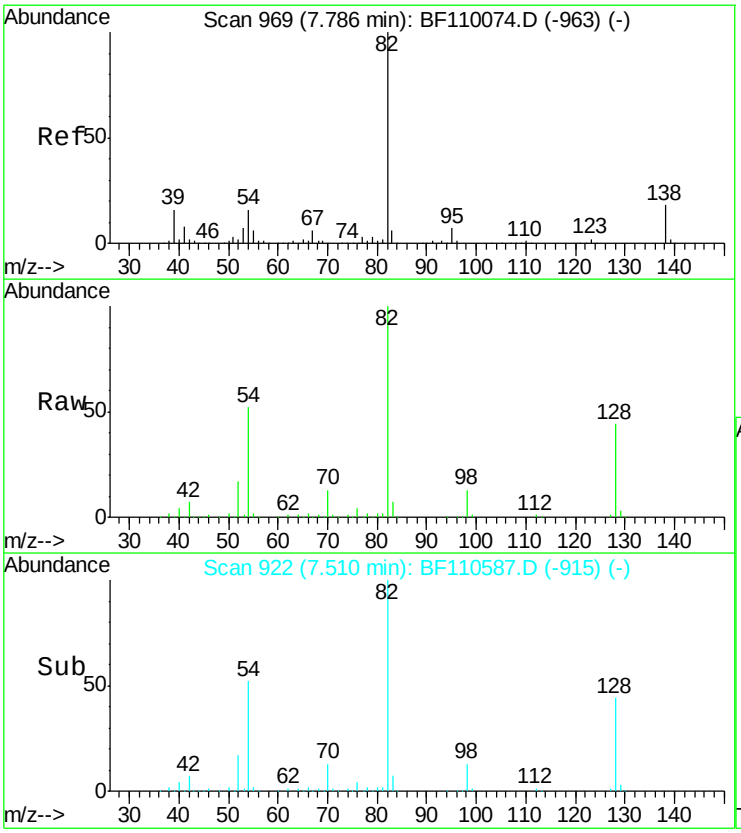
#23
Nitrobenzene-d5
Concen: 82.96 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 397979

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	52.1	38.6	58.0

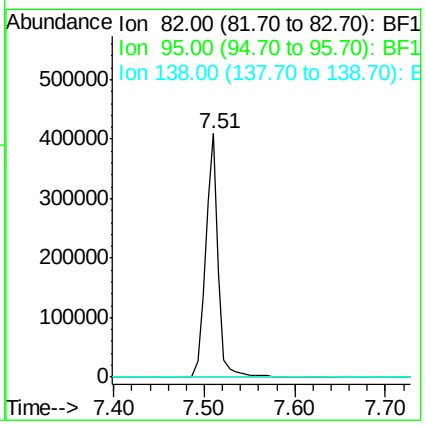


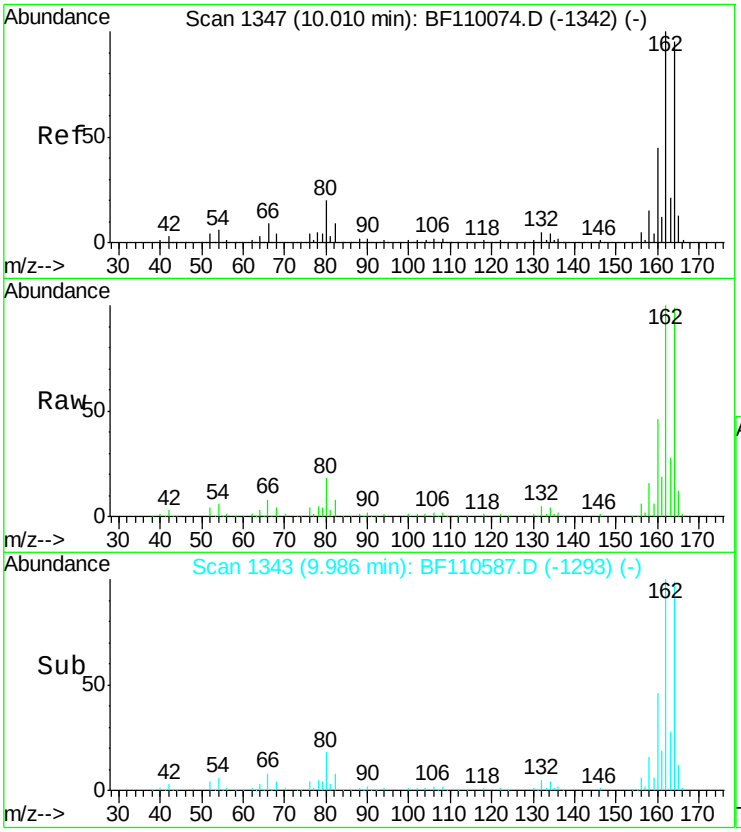


#25
Isophorone
Concen: 50.62 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion: 82 Resp: 397975

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



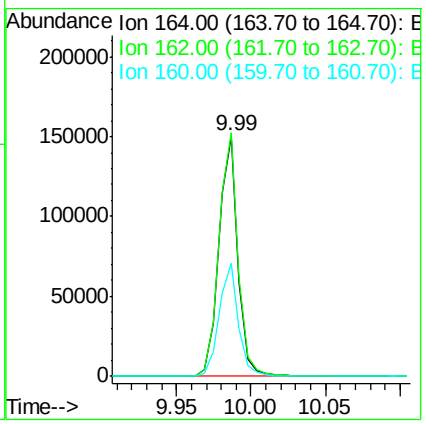


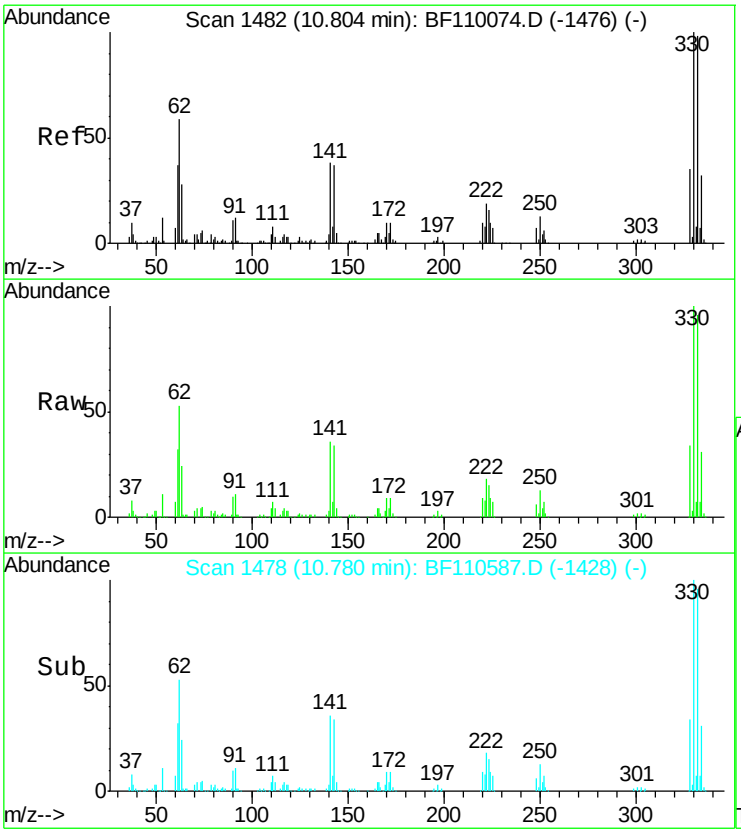
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 134251

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.6
160	46.9	37.0	55.6

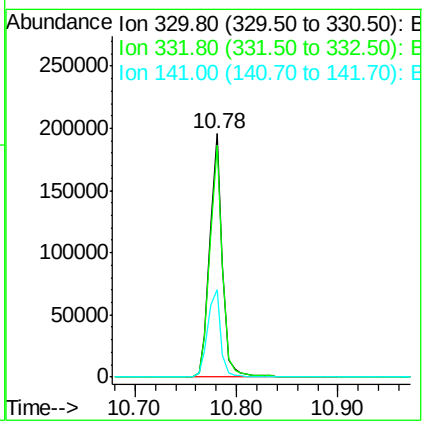


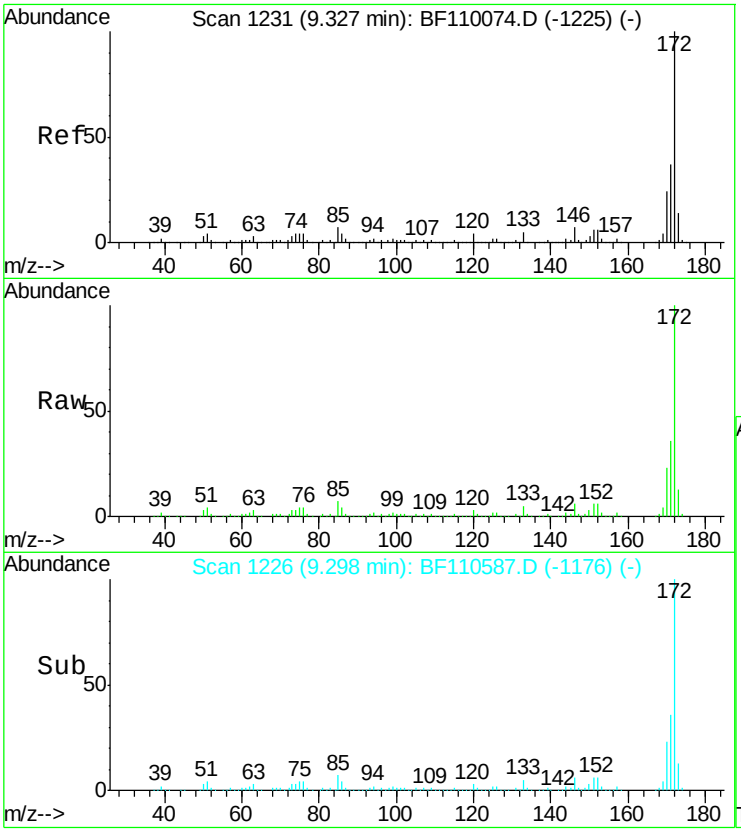


#42
2,4,6-Tribromophenol
Concen: 125.16 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:330 Resp: 169310

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	37.5	27.0	40.4



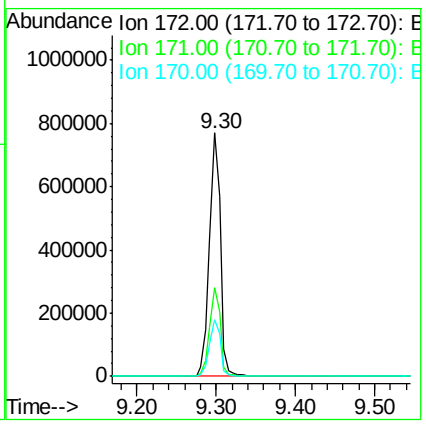


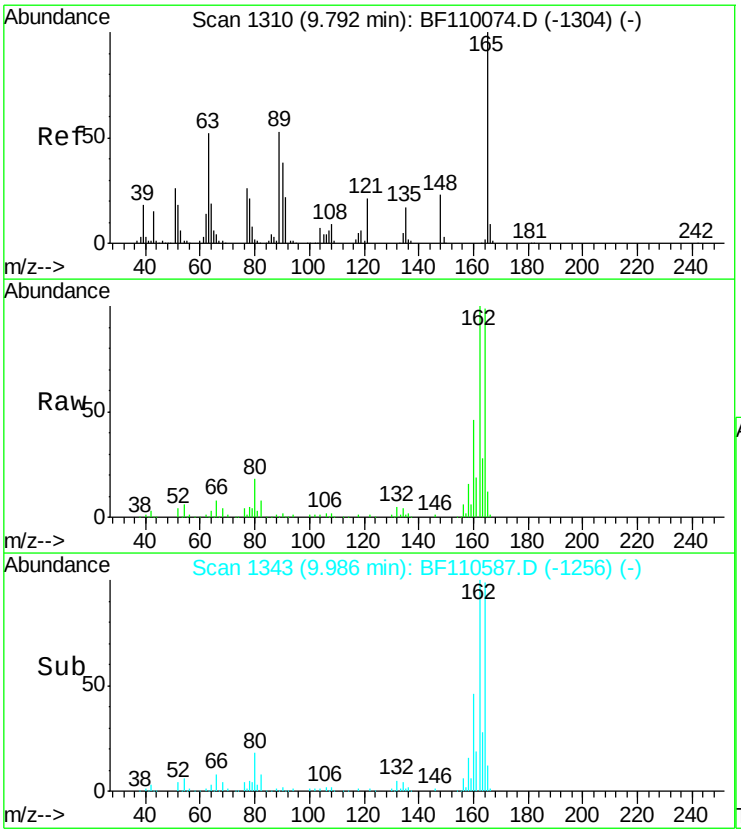
#45
2-Fluorobiphenyl
Concen: 78.71 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 739929

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.4	19.7	29.5

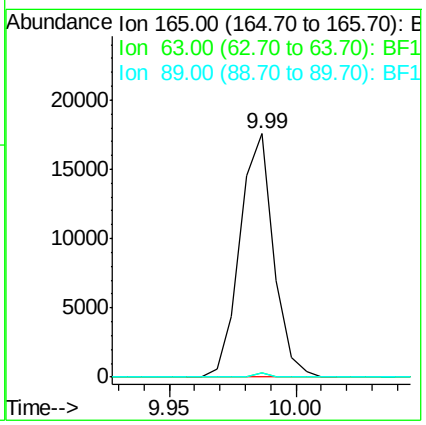


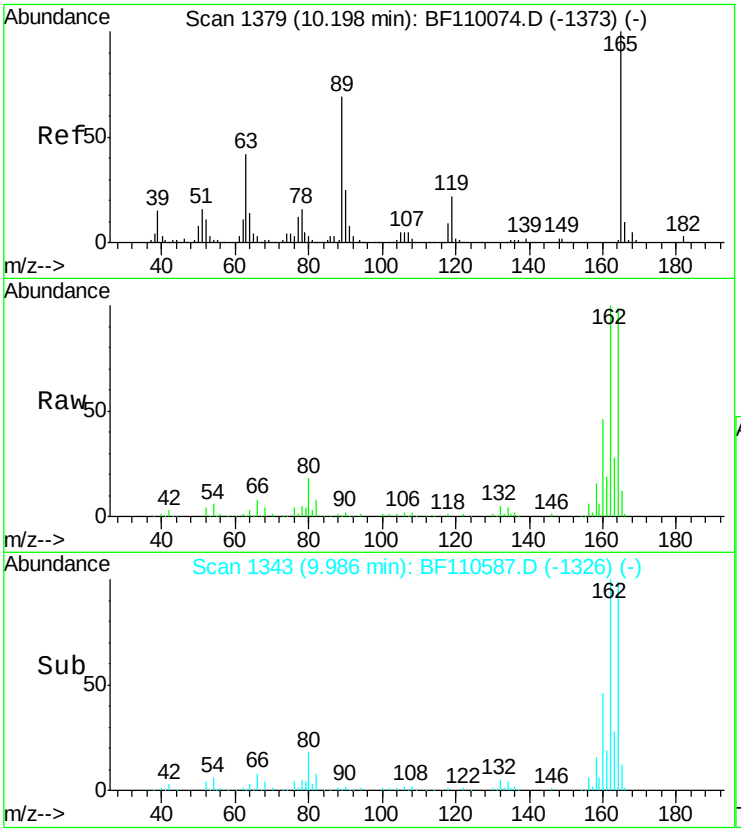


#51
2,6-Dinitrotoluene
Concen: 7.36 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:165 Resp: 16211

Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.9	73.3#
89	1.9	46.6	69.8#



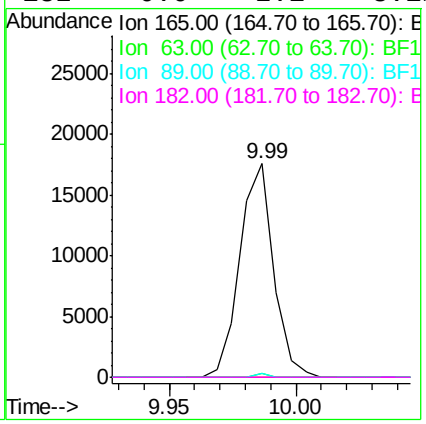


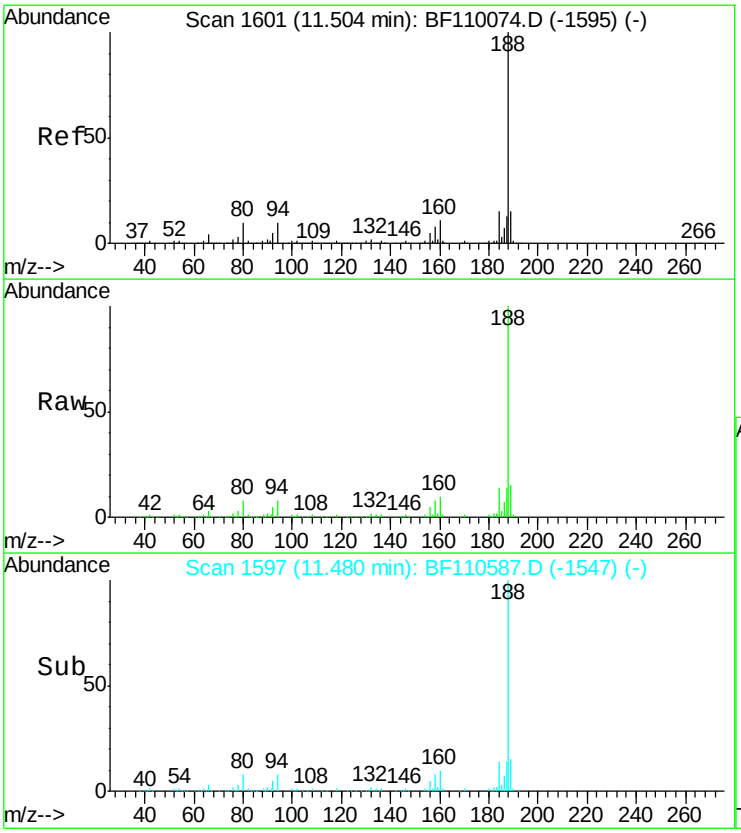
#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16211

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

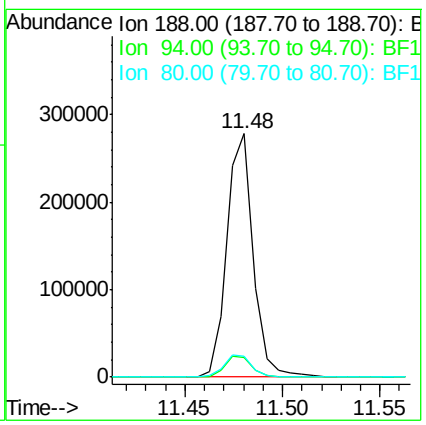


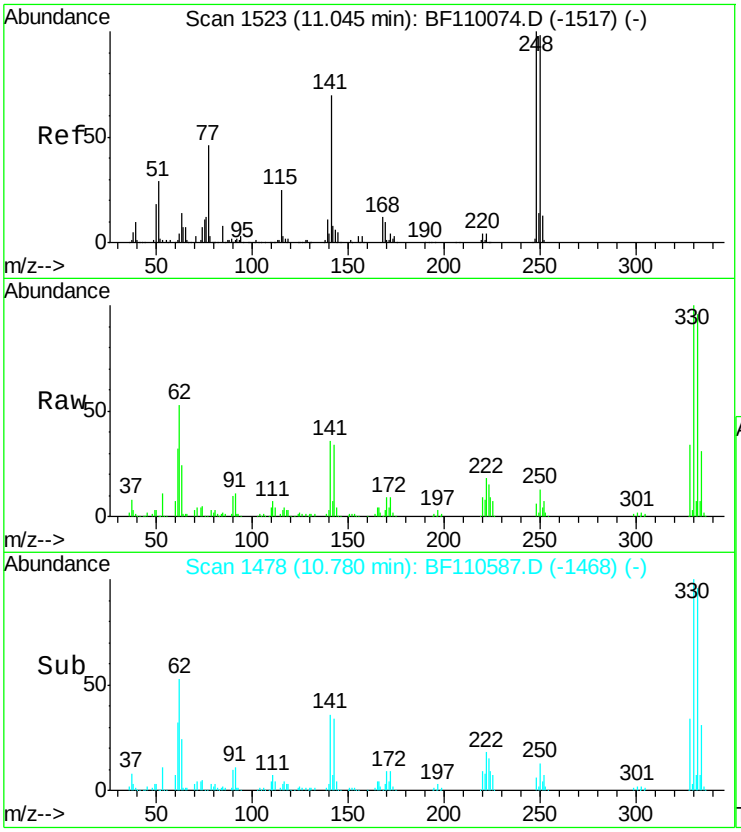


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:188 Resp: 259631

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.3	7.9	11.9



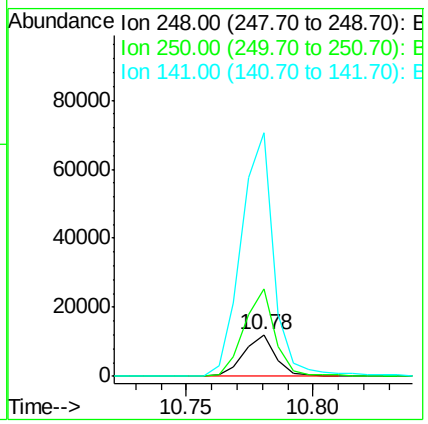


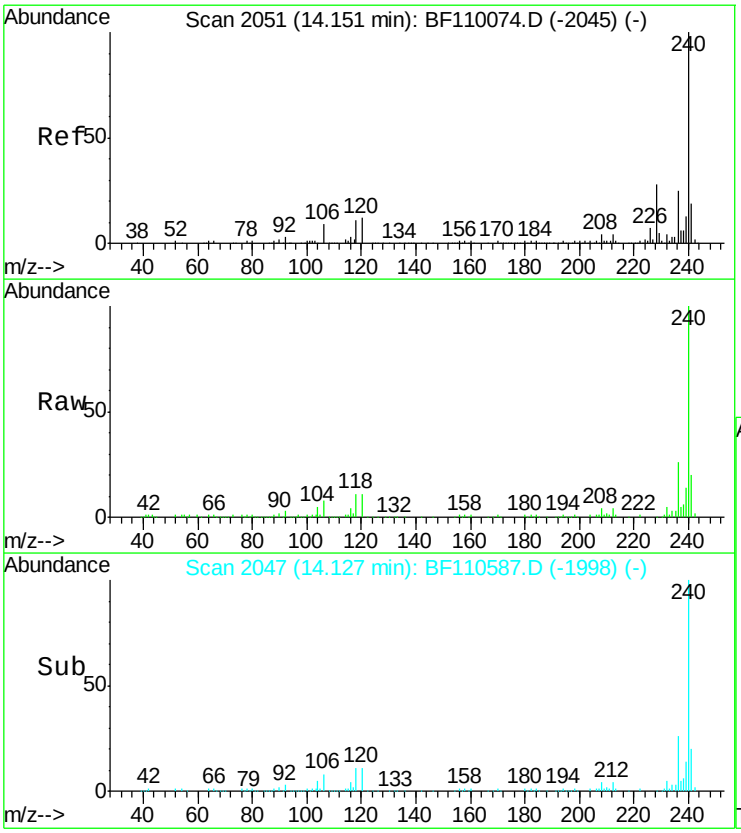
#67
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10570

Ion	Ratio	Lower	Upper
248	100		
250	207.5	79.4	119.2#
141	580.6	55.9	83.9#

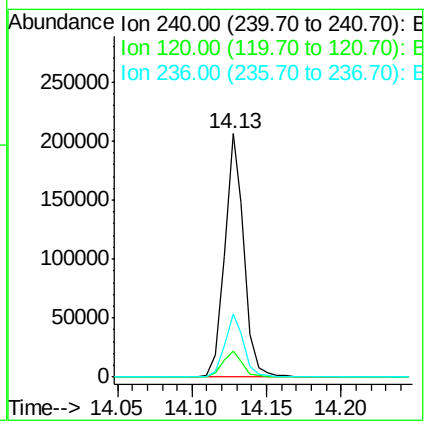


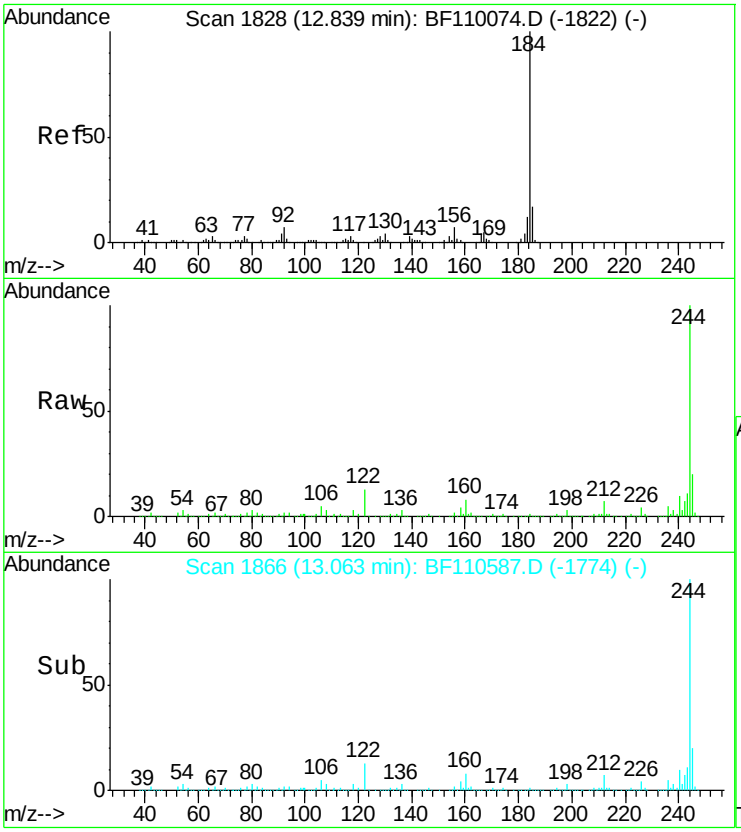


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:240 Resp: 186278

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	26.0	21.2	31.8



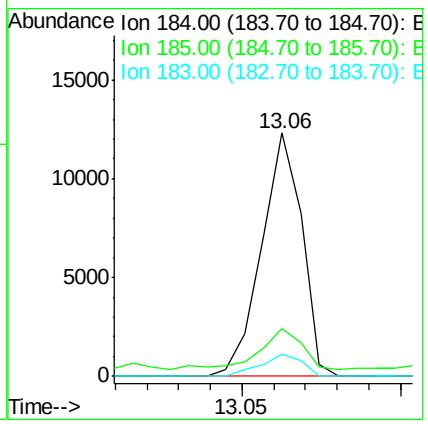


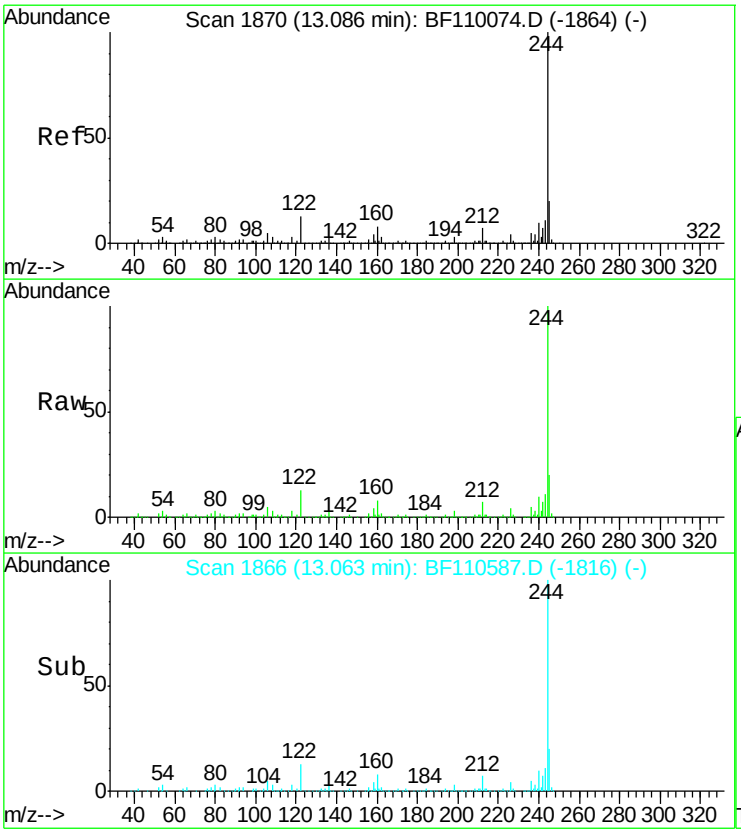
#77
Benzidine
Concen: 2.13 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 10912

Ion	Ratio	Lower	Upper
184	100		
185	19.8	13.4	20.2
183	9.0	9.4	14.2#

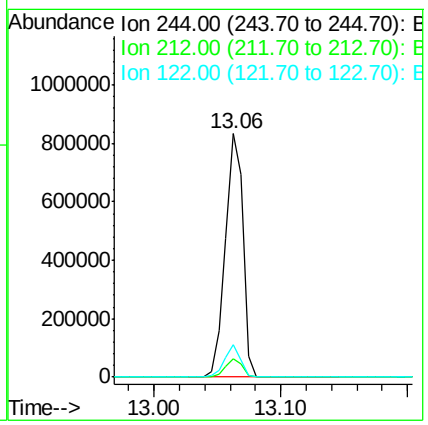


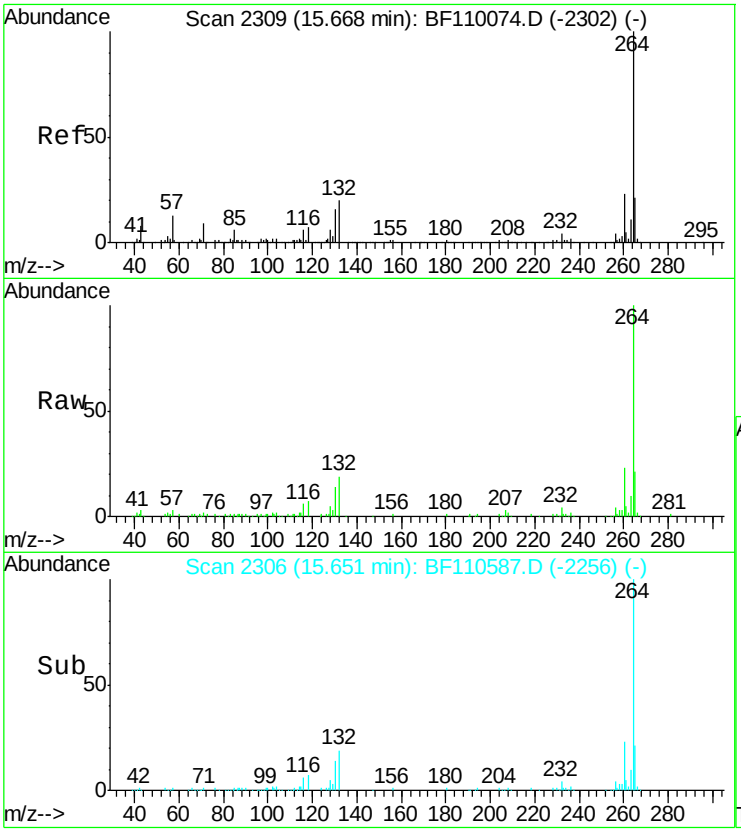


#79
Terphenyl-d14
Concen: 80.29 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:244 Resp: 798661

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.5	8.7	13.1#





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 132996

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.0	16.7	25.1