Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110966.D
Acq On : 26 Nov 2018 16:25
Operator : JU/SJ
Sample : SP4579
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 26 16:55:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61446	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	250263	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	120360	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	234067	20.00	ng		0.00
76) Chrysene-d12	14.13	240	173848	20.00	ng		0.00
87) Perylene-d12	15.66	264	130945	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	538847	145.43	ng		0.02
7) Phenol-d6	6.57	99	666058	137.94	ng		0.00
23) Nitrobenzene-d5	7.50	82	425603	97.33	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	164801	137.87	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	792997	95.45	ng		0.00
79) Terphenyl-d14	13.06	244	855982	95.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	13408	2.630	ng		82
19) n-Nitroso-di-n-propylamine	7.50	70	56948	18.105	ng	#	80
25) Isophorone	7.50	82	425601	59.333	ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	15212	7.741	ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	15212	5.966	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	11142	4.371	ng	#	1
77) Benzidine	13.06	184	11949	2.687	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110966.D
Acq On : 26 Nov 2018 16:25
Operator : JU/SJ
Sample : SP4579
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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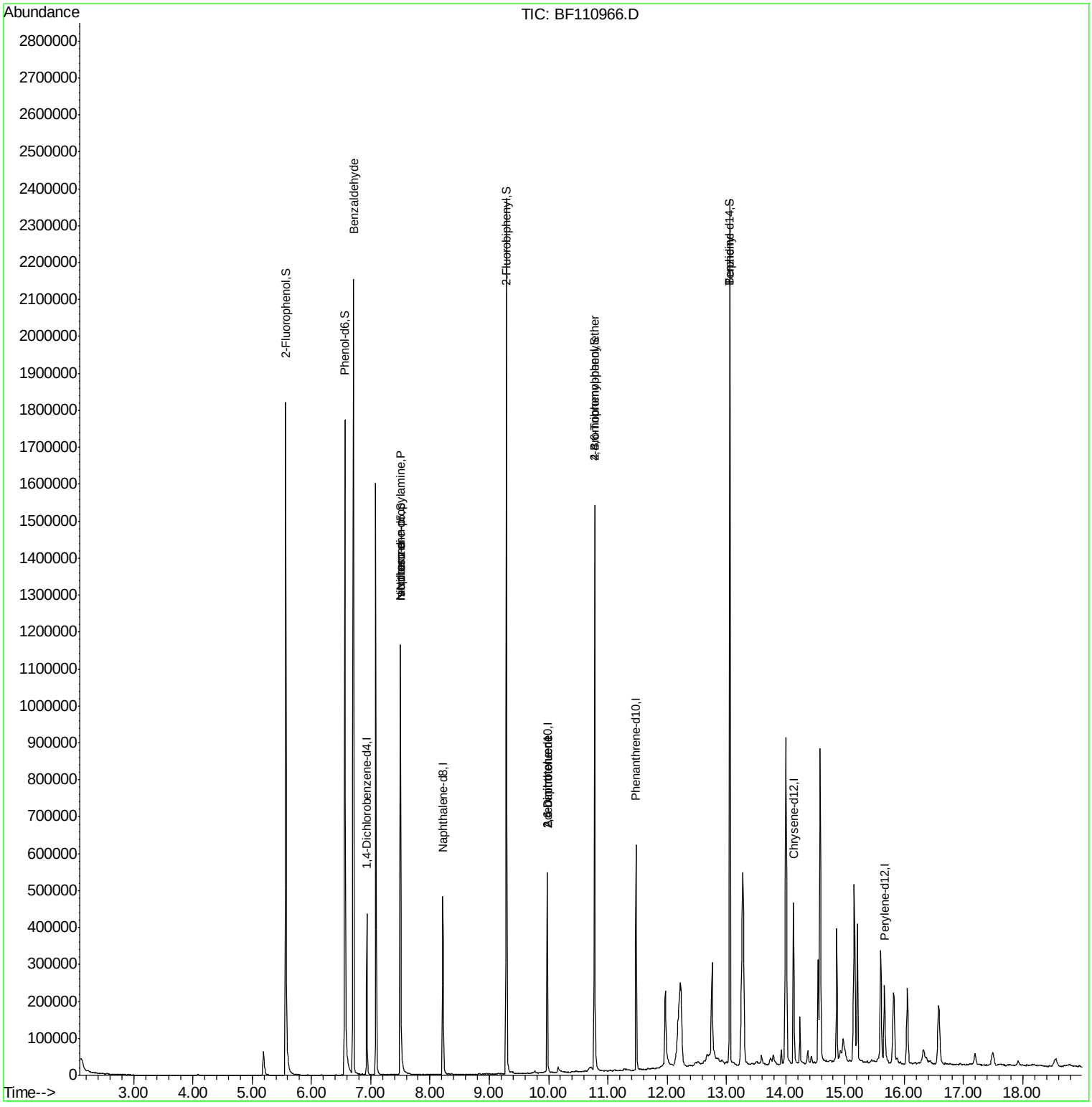
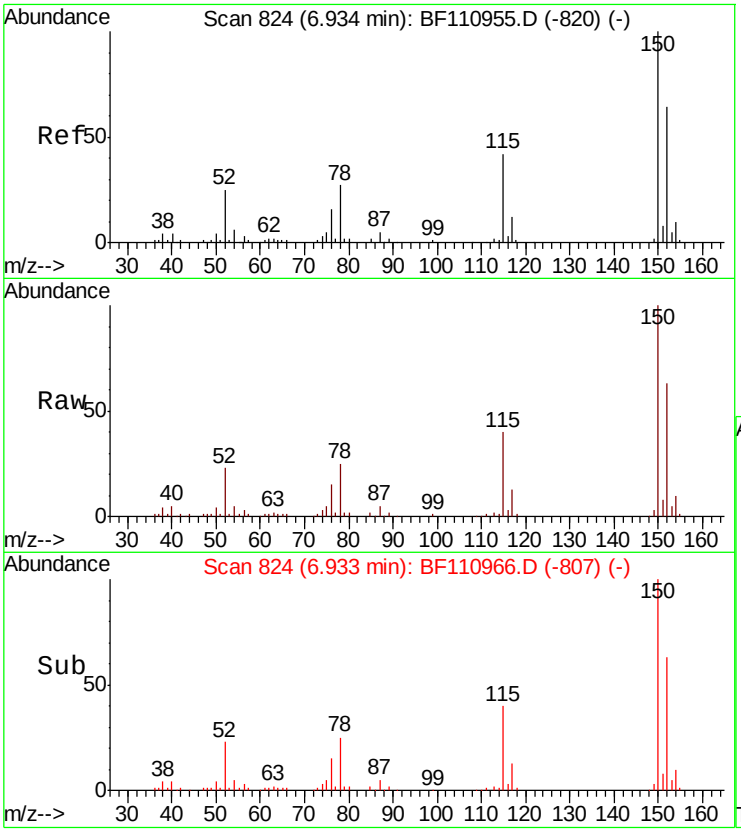


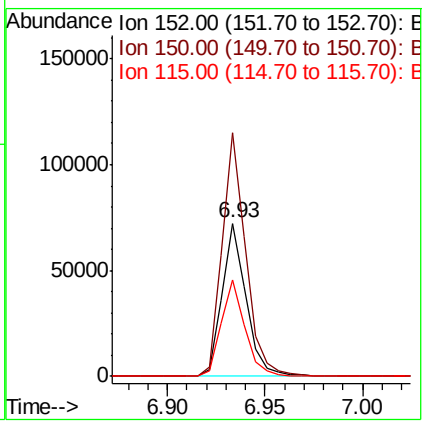


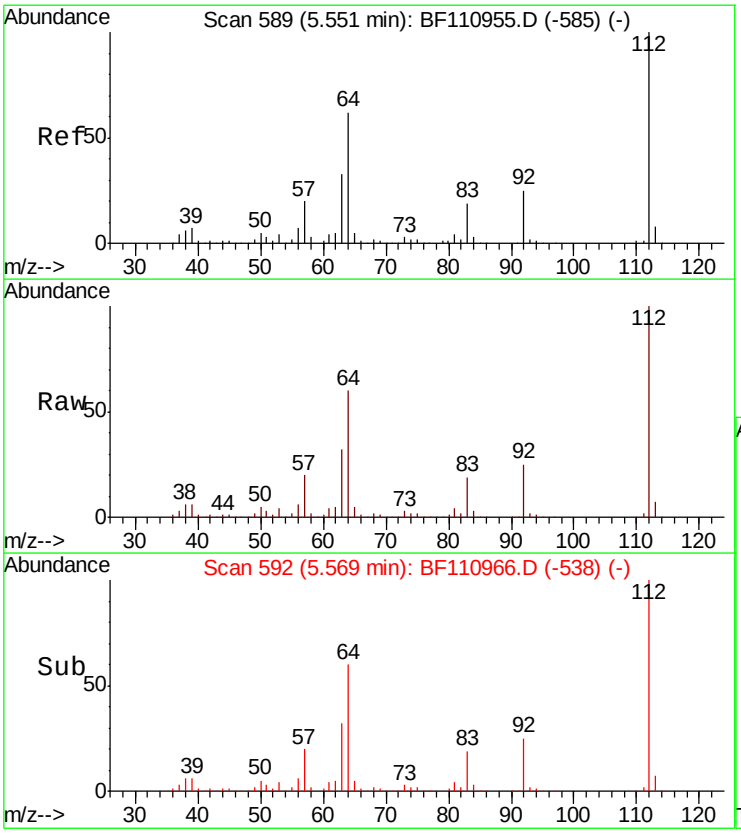
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61446

Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	63.0	49.1	73.7

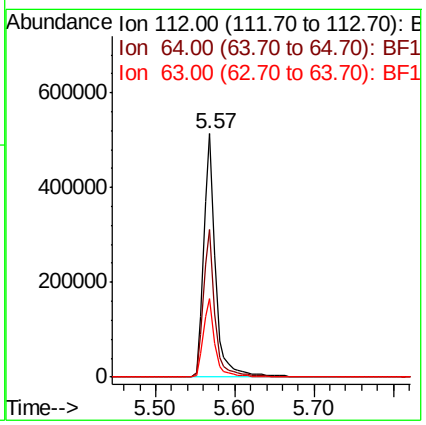


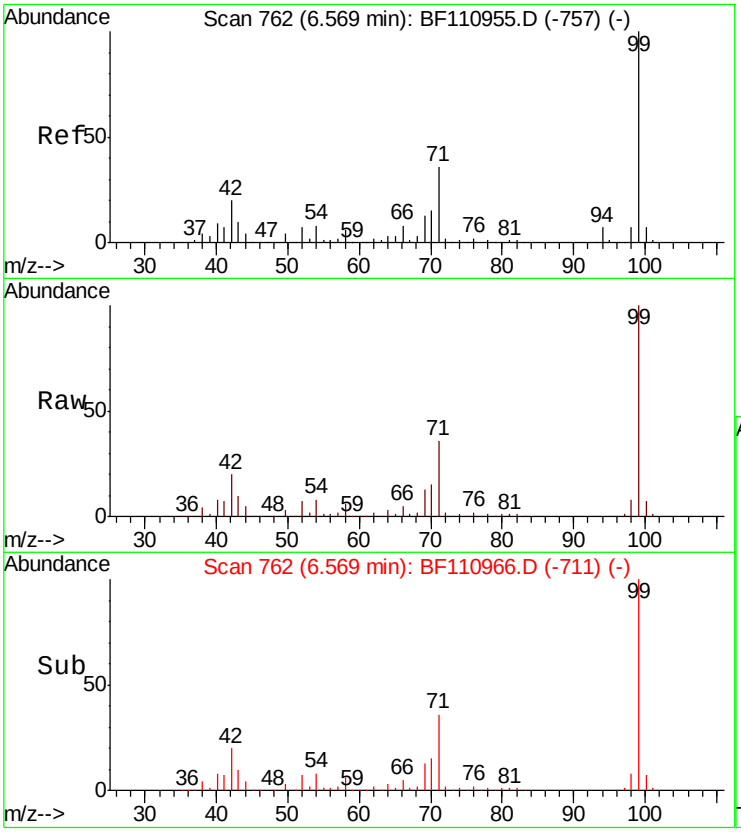


#5
2-Fluorophenol
Concen: 145.425 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:112 Resp: 538847

Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.5	23.7	35.5



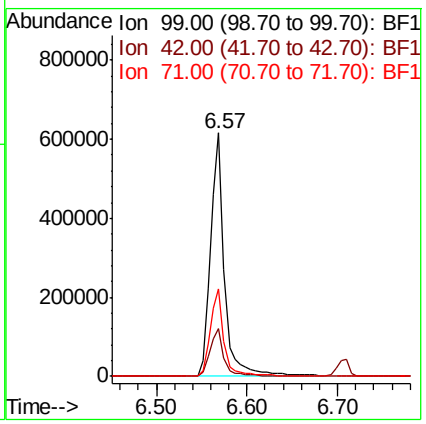


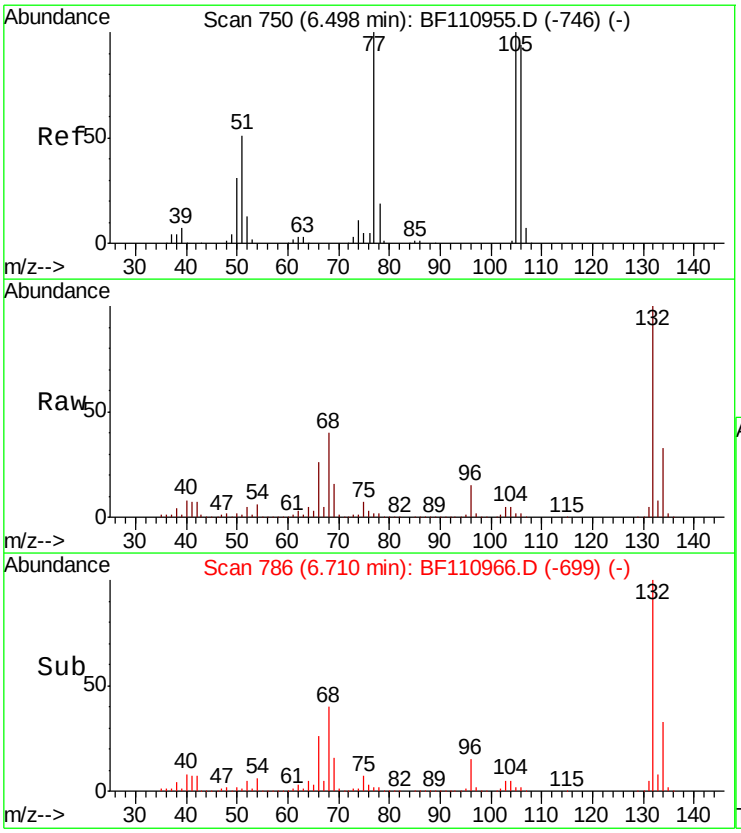
#7
Phenol-d6
Concen: 137.939 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 666058

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	36.1	28.0	42.0

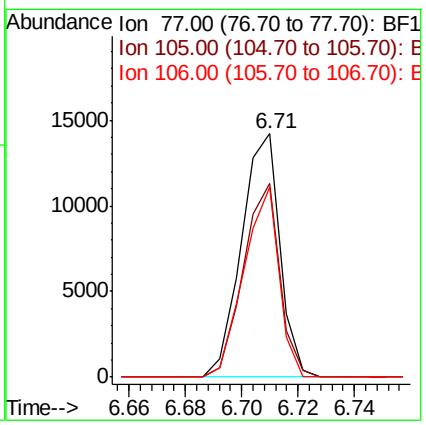


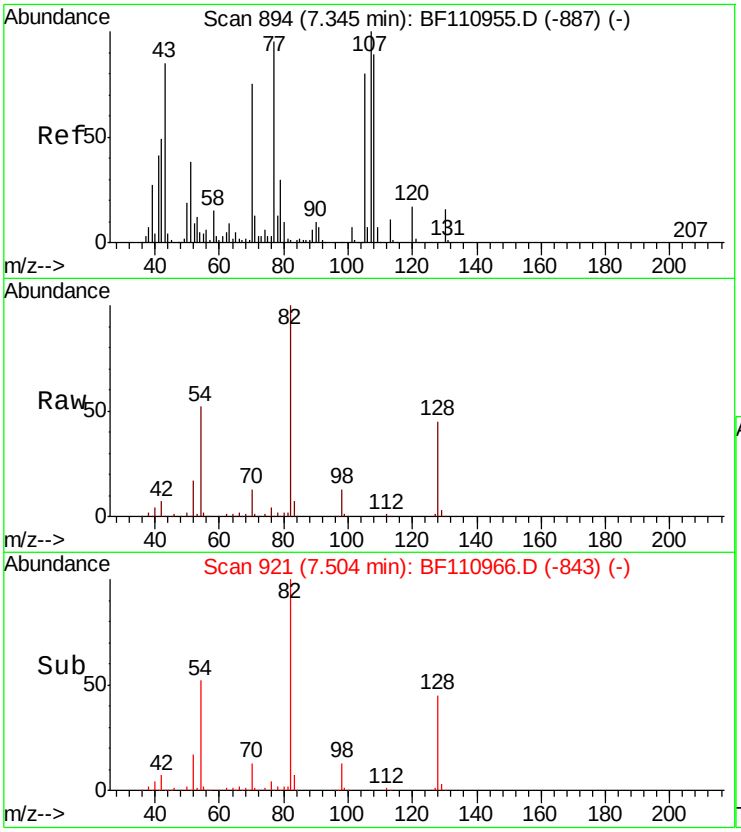


#9
Benzaldehyde
Concen: 2.630 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.21 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion: 77 Resp: 13408

Ion	Ratio	Lower	Upper
77	100		
105	79.6	78.6	118.6
106	77.9	74.8	114.8



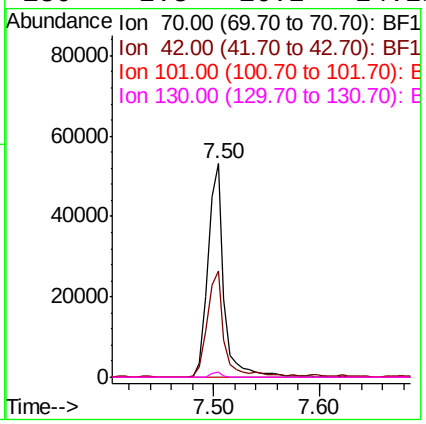


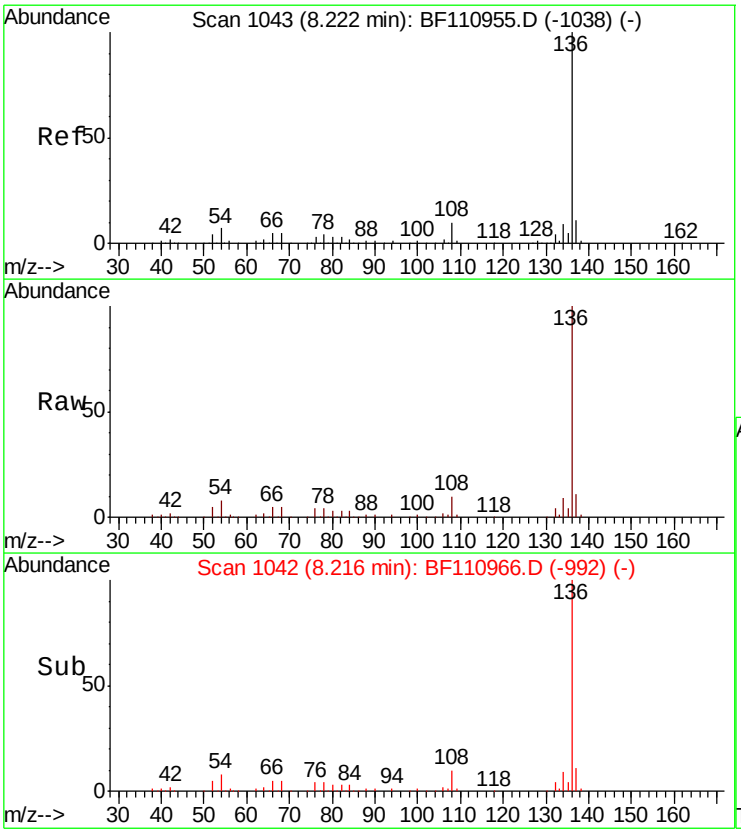
#19
n-Nitroso-di-n-propylamine
Concen: 18.105 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 56948

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

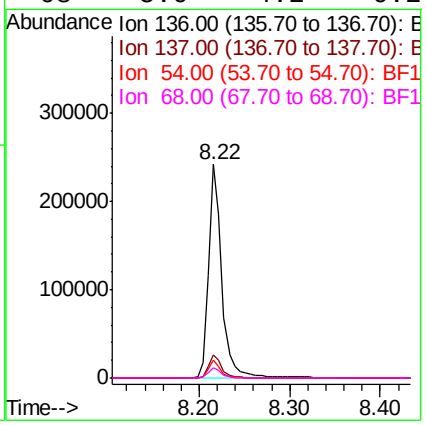


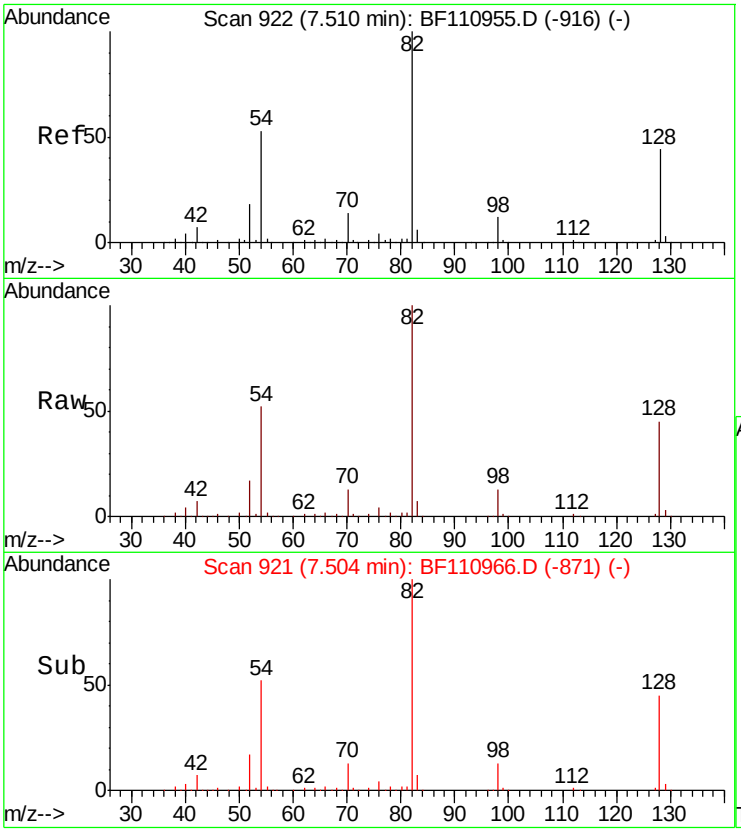


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:136 Resp: 250263

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	5.4	8.2
68	5.0	4.2	6.2



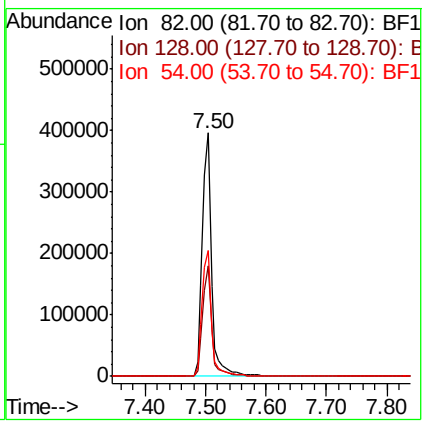


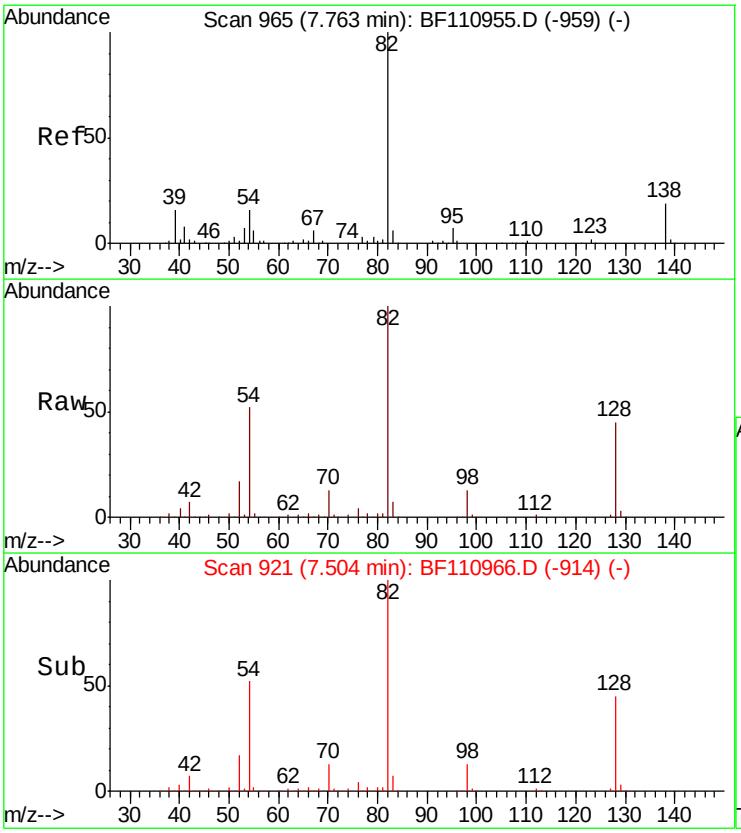
#23
Nitrobenzene-d5
Concen: 97.328 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 425603

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	51.7	38.6	58.0

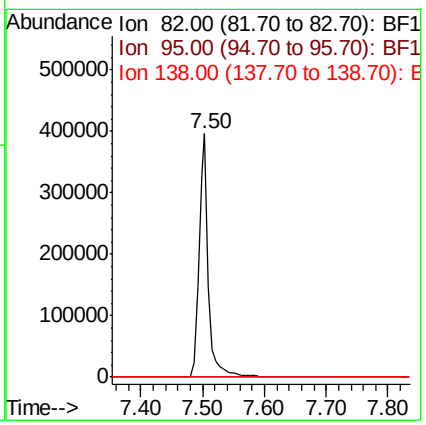


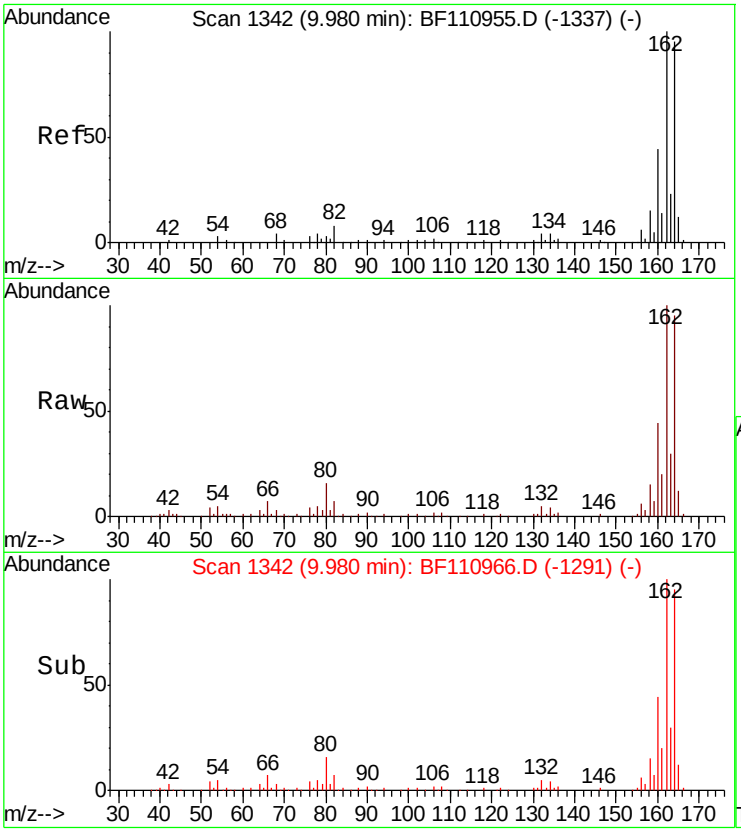


#25
Isophorone
Concen: 59.333 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion: 82 Resp: 425601

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



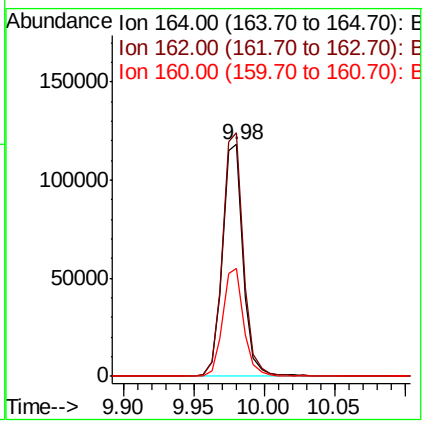


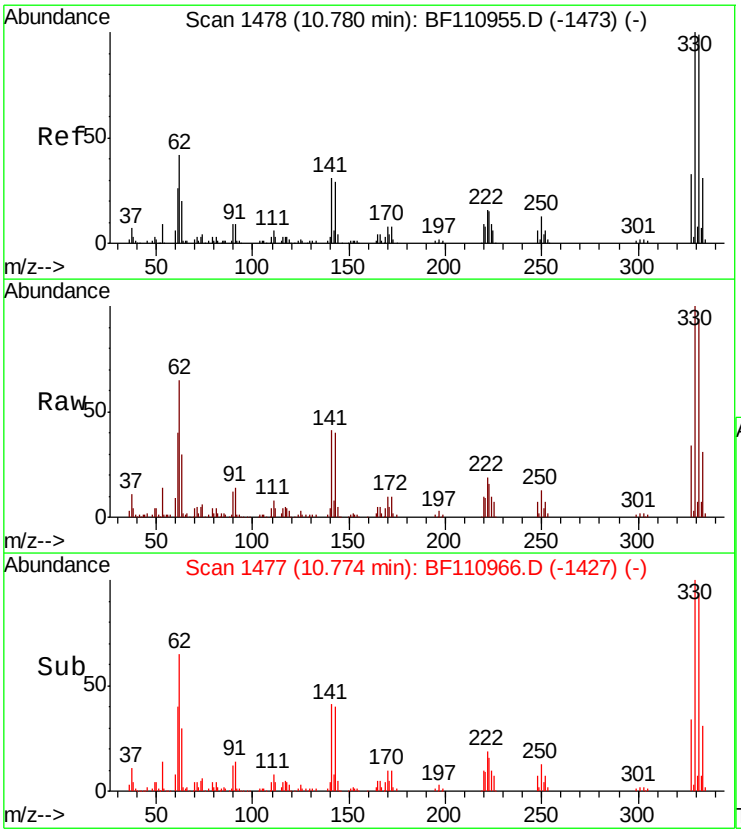
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 120360

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	46.5	37.0	55.6

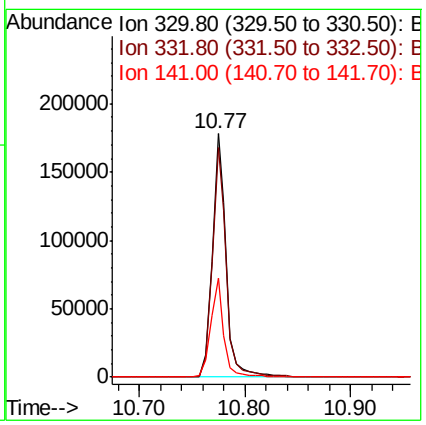


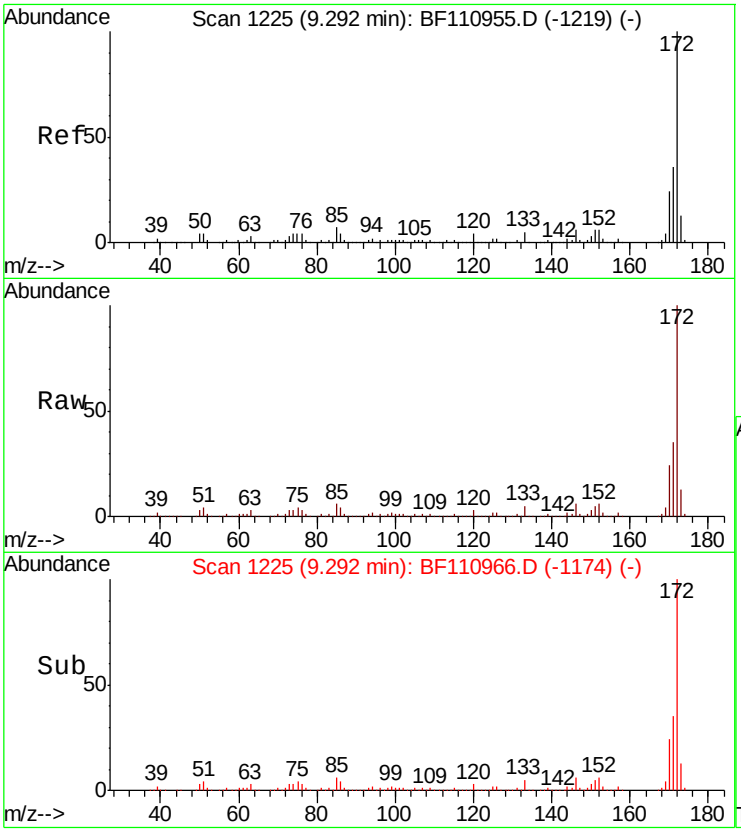


#42
2,4,6-Tribromophenol
Concen: 137.870 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:330 Resp: 164801

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	38.6	27.0	40.4



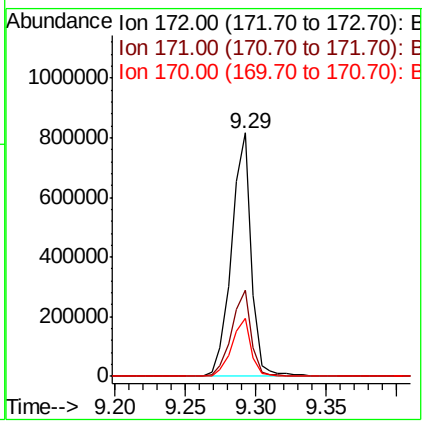


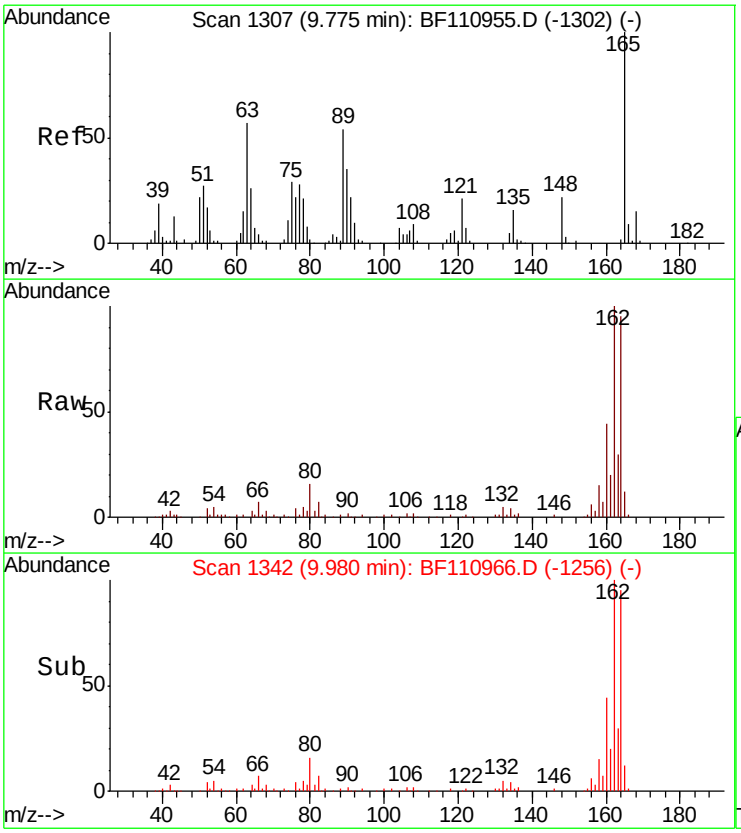
#45
2-Fluorobiphenyl
Concen: 95.453 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 792997

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.9	19.7	29.5

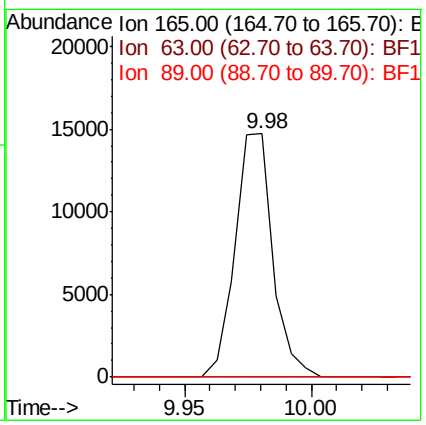


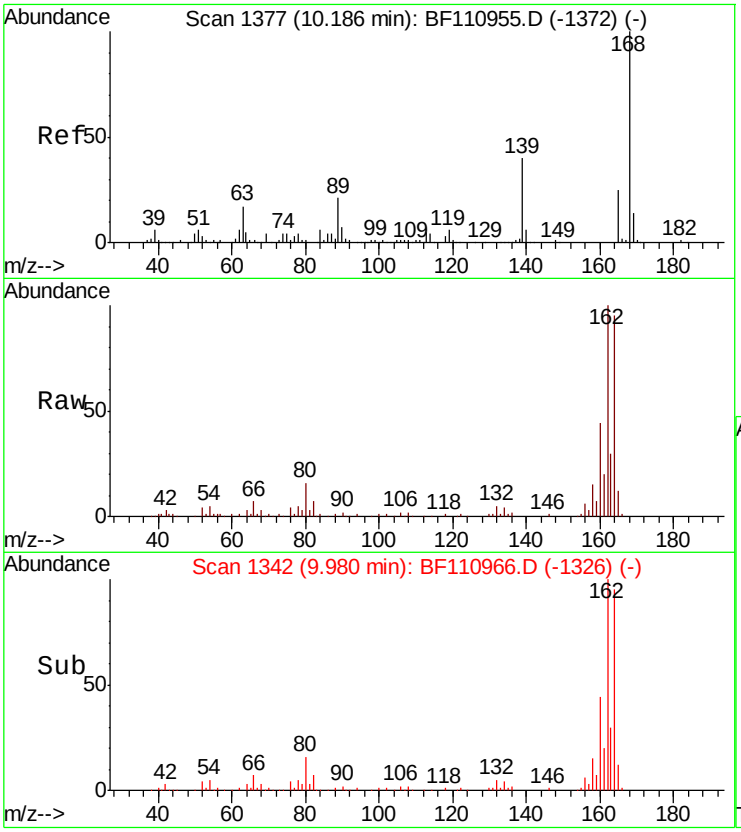


#51
2,6-Dinitrotoluene
Concen: 7.741 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:165 Resp: 15212

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



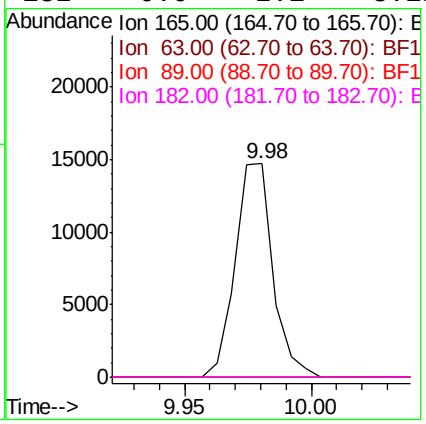


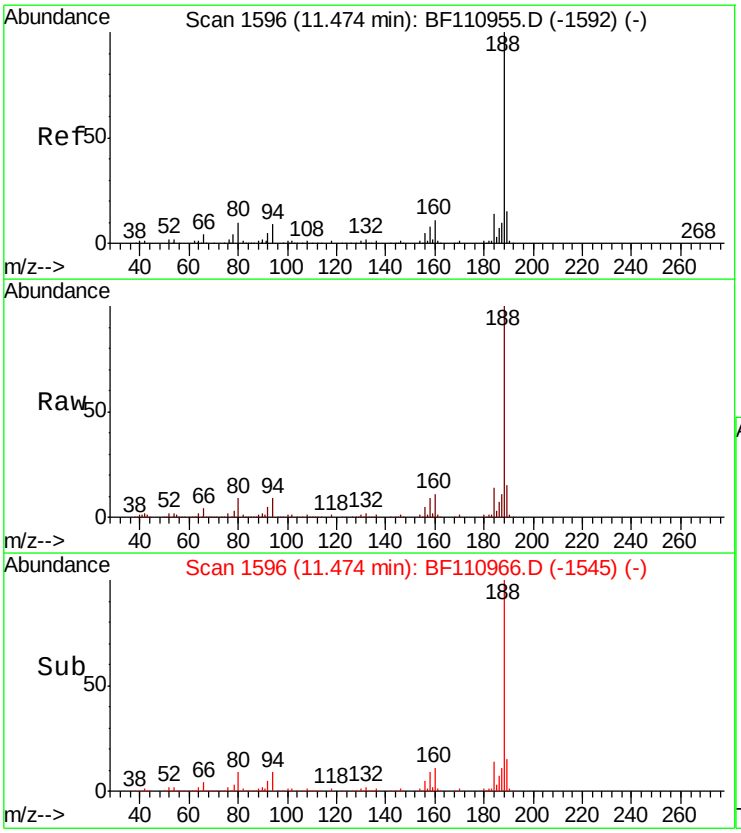
#57
2,4-Dinitrotoluene
Concen: 5.966 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15212

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#

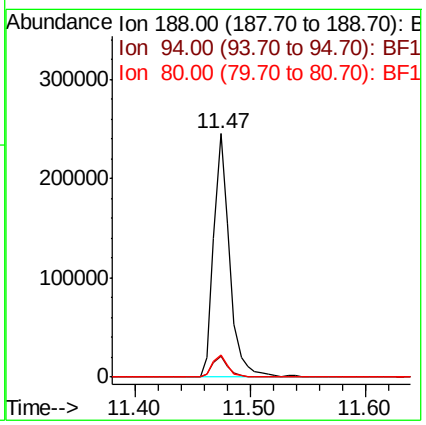


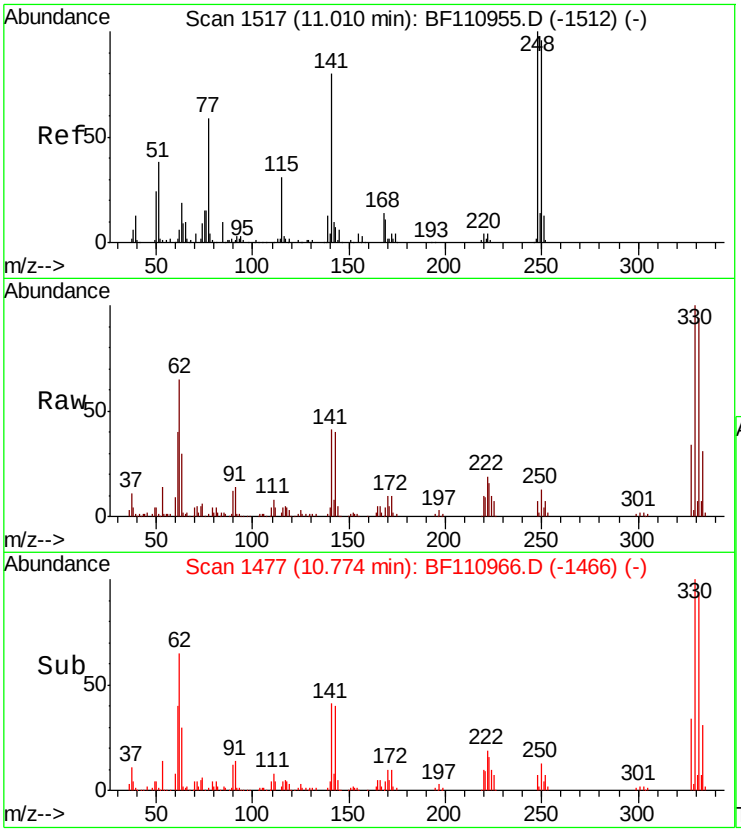


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:188 Resp: 234067

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.2	7.9	11.9



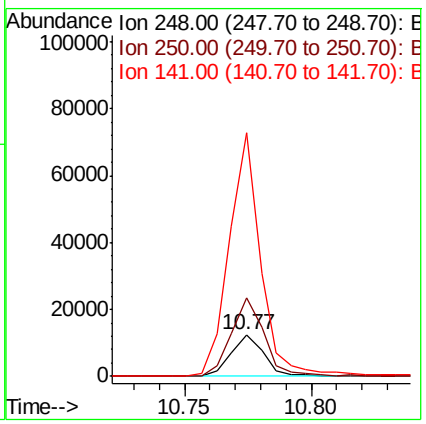


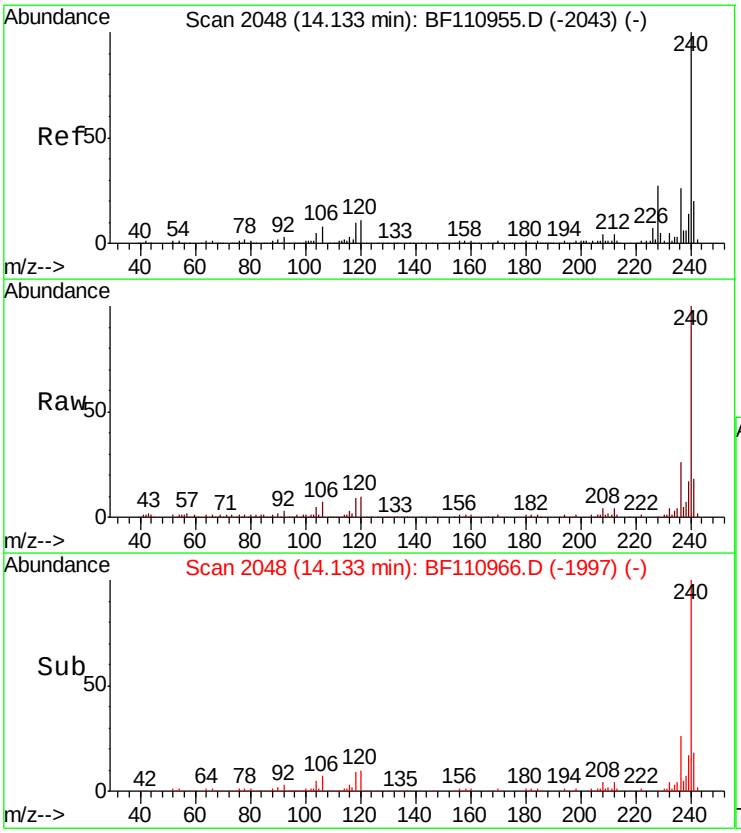
#67
4-Bromophenyl-phenylether
Concen: 4.371 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.24 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11142

Ion	Ratio	Lower	Upper
248	100		
250	190.5	79.4	119.2#
141	587.0	55.9	83.9#

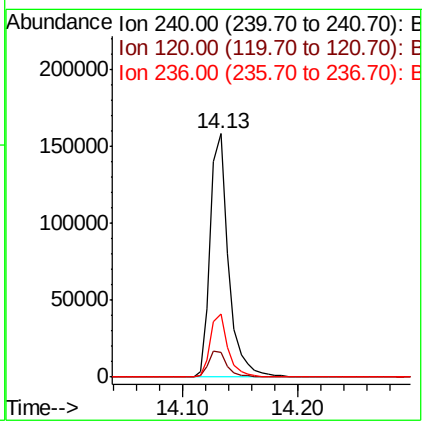


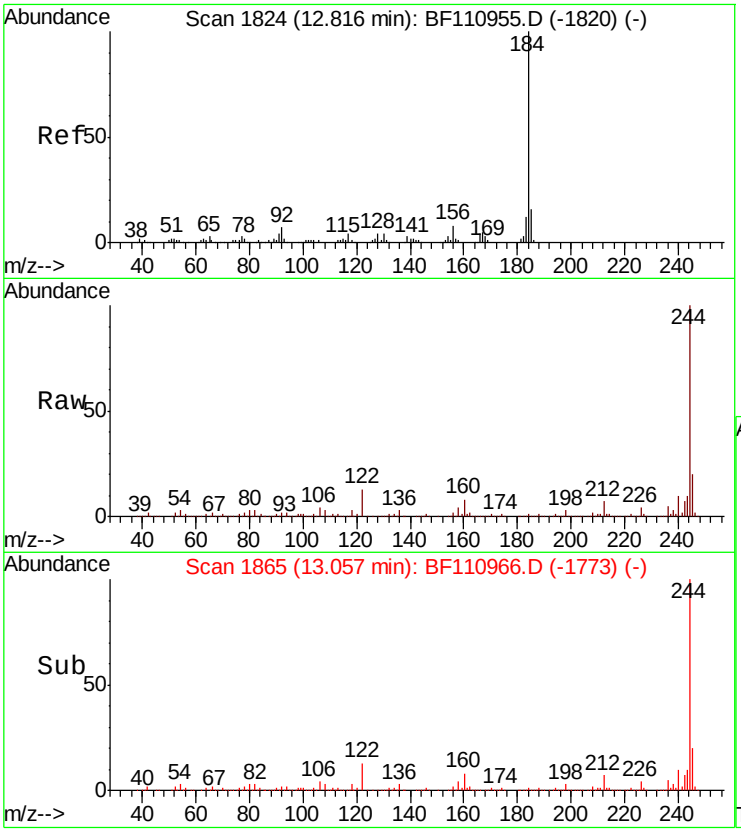


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:240 Resp: 173848

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.9	21.2	31.8



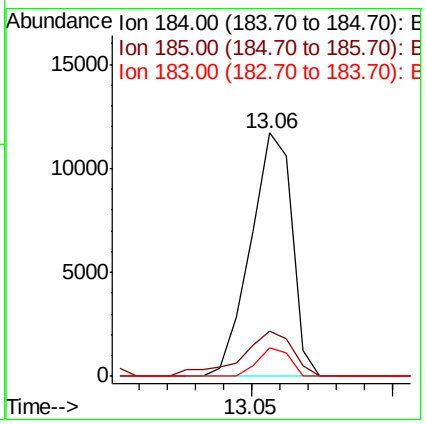


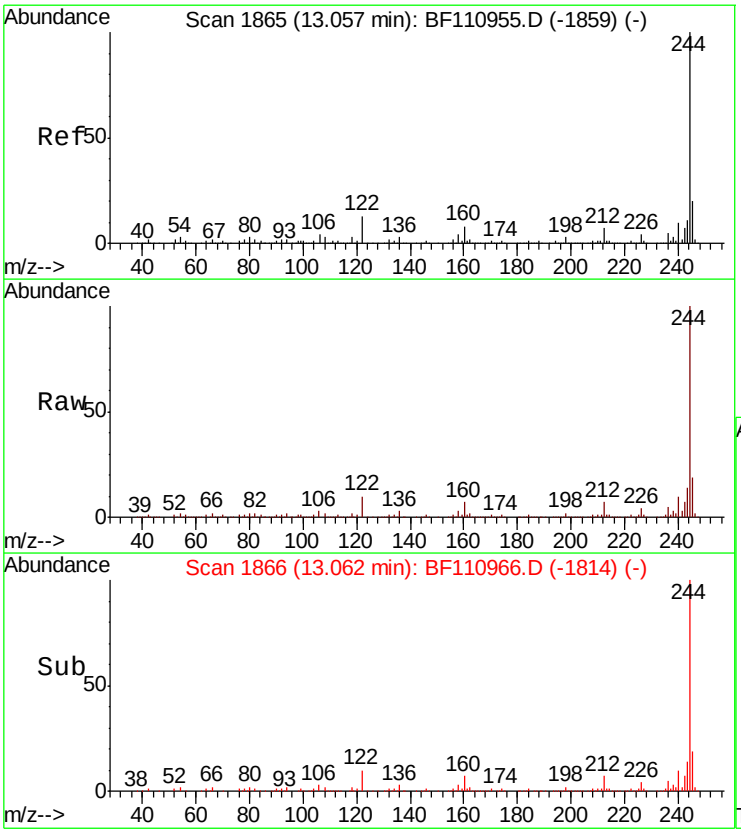
#77
Benzidine
Concen: 2.687 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.24 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 11949

Ion	Ratio	Lower	Upper
184	100		
185	18.7	13.4	20.2
183	11.6	9.4	14.2

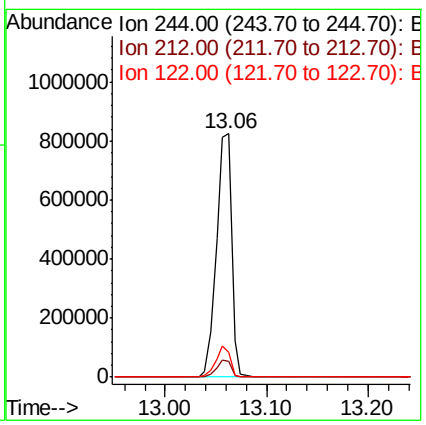


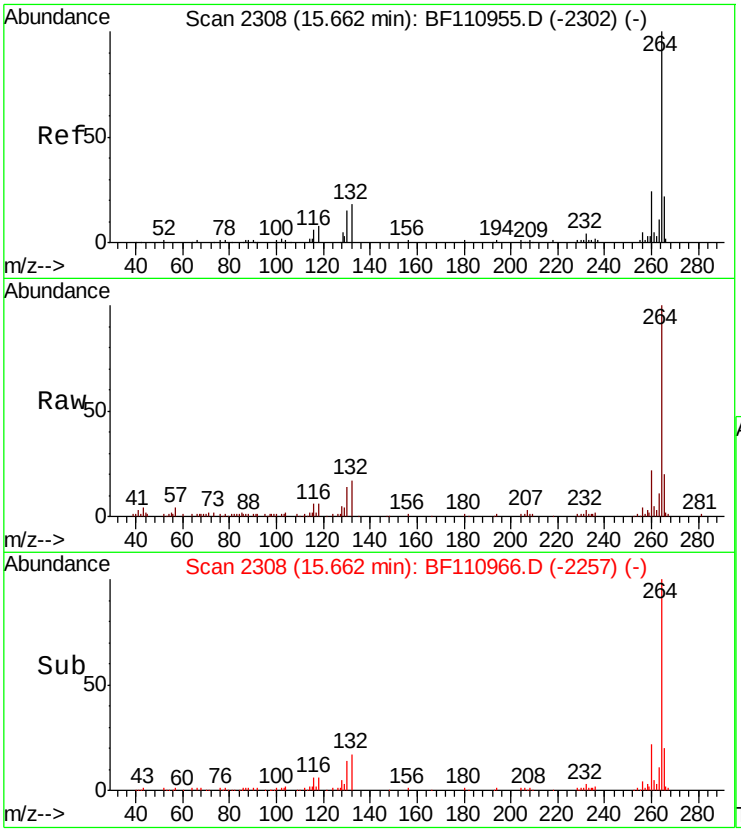


#79
Terphenyl-d14
Concen: 95.848 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Tgt Ion:244 Resp: 855982

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.1	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BF110966.D
Acq: 26 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 130945

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.1	16.7	25.1