Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110640.D
Acq On : 9 Nov 2018 21:09
Operator : JU/SJ
Sample : J5269-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 11 03:24:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	86602	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	350941	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	172964	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	343062	20.00	ng	0.00
76) Chrysene-d12	14.13	240	231712	20.00	ng	-0.01
87) Perylene-d12	15.66	264	144060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	720697	135.17	ng	0.00
7) Phenol-d6	6.57	99	910269	133.51	ng	0.00
23) Nitrobenzene-d5	7.51	82	593034	97.32	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	245211	140.70	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1118968	92.39	ng	0.00
79) Terphenyl-d14	13.07	244	1136210	91.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	1787	Below Cal	#	1
10) Phenol	6.59	94	56786	7.183	ng	# 62
19) n-Nitroso-di-n-propylamine	7.51	70	77501	17.808	ng	# 78
25) Isophorone	7.51	82	593030	59.375	ng	# 67
50) Dimethylphthalate	9.69	163	62937	4.877	ng	100
51) 2,6-Dinitrotoluene	9.99	165	22196	7.818	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	22196	6.013	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	15615	4.118	ng	# 1
77) Benzidine	13.07	184	15216	2.388	ng	# 96

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

Quantitation Report (Not Reviewed)

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Acq On : 9 Nov 2018 21:09
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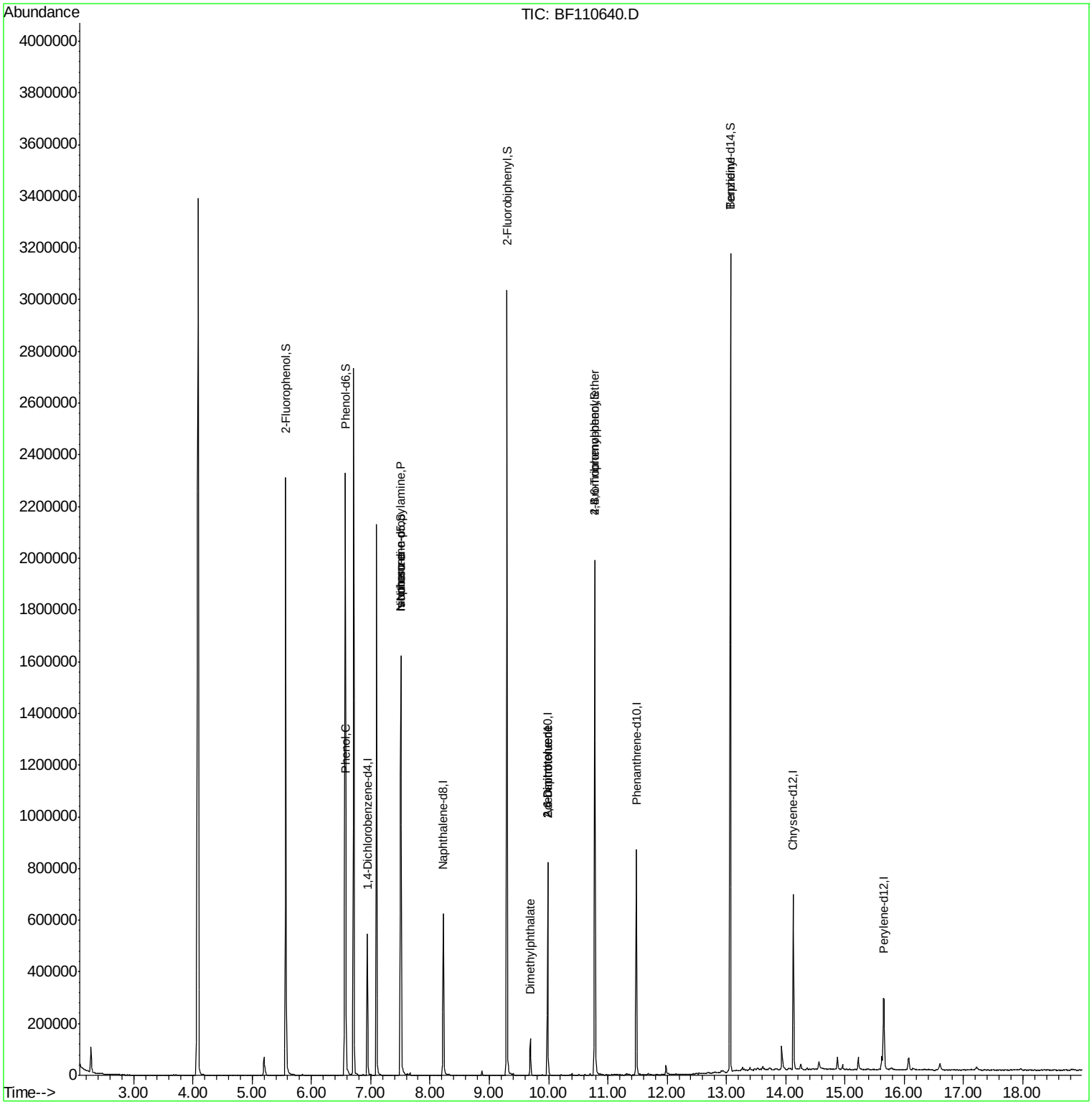
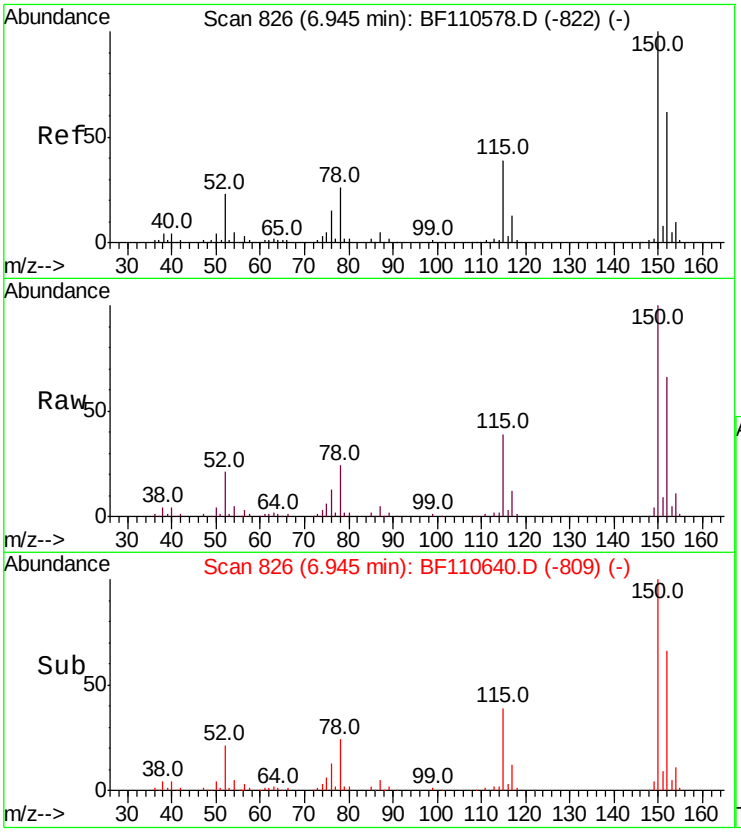
Response via : Initial Calibration



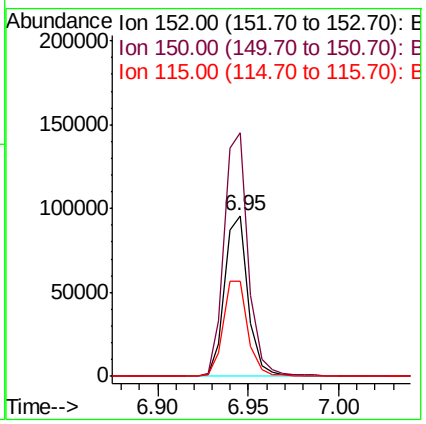


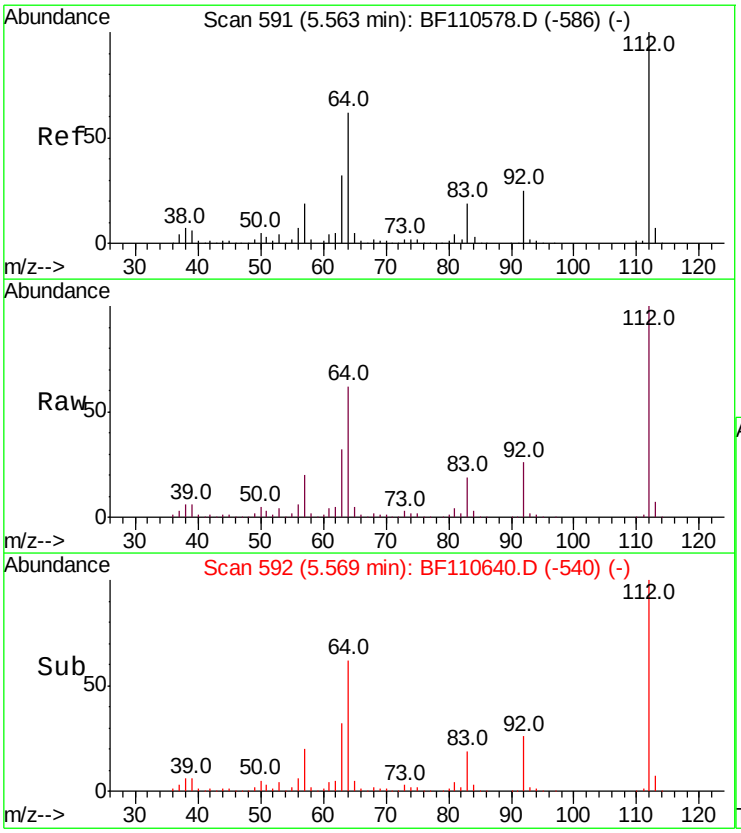
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86602

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.7	184.1
115	59.4	49.1	73.7

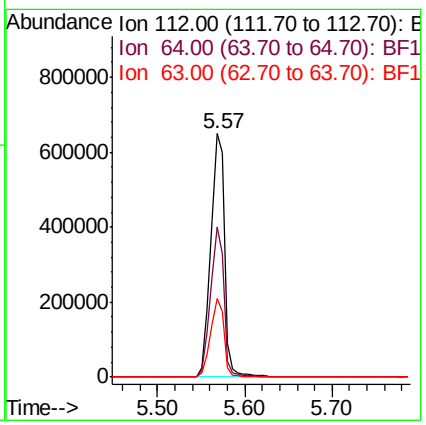


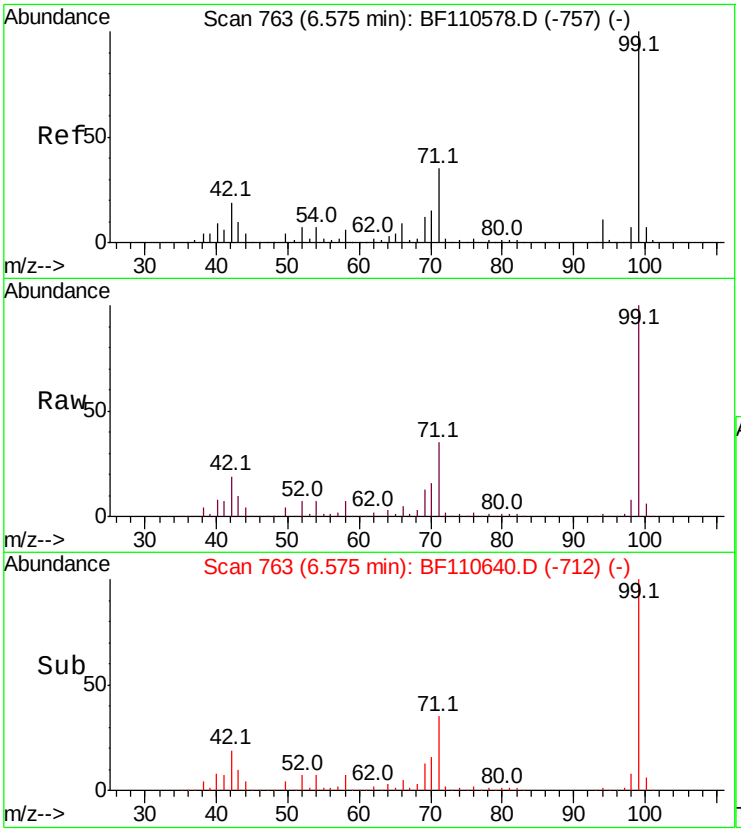


#5
2-Fluorophenol
Concen: 135.175 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:112 Resp: 720697

Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	32.3	23.7	35.5



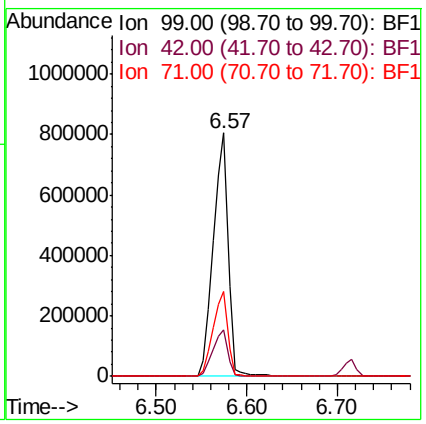


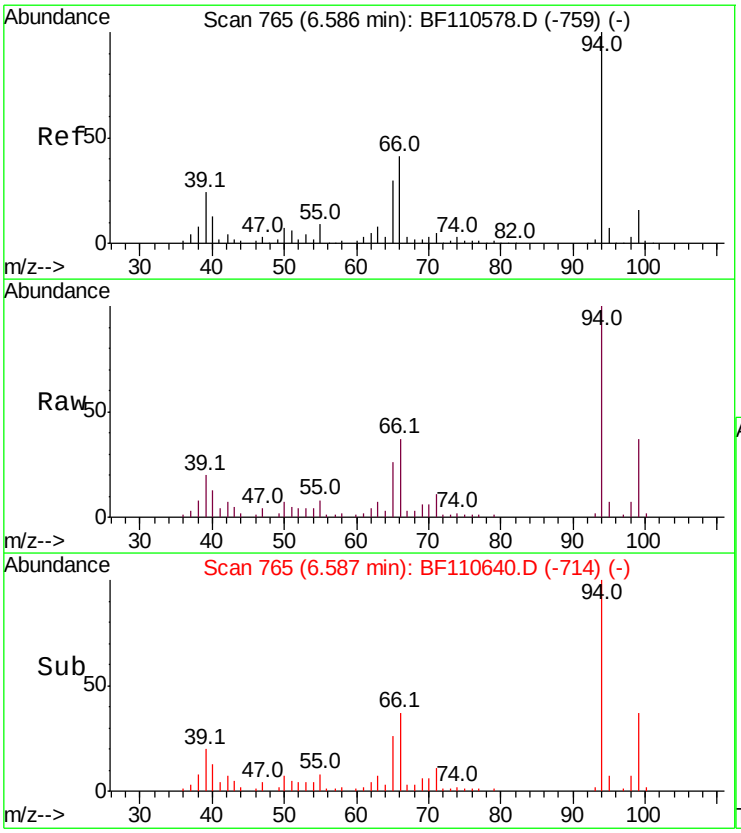
#7
Phenol-d6
Concen: 133.513 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 910269

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	34.8	28.0	42.0

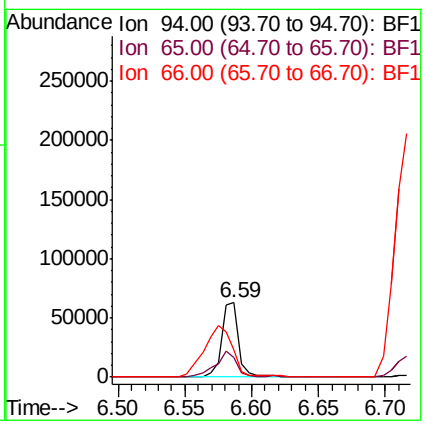


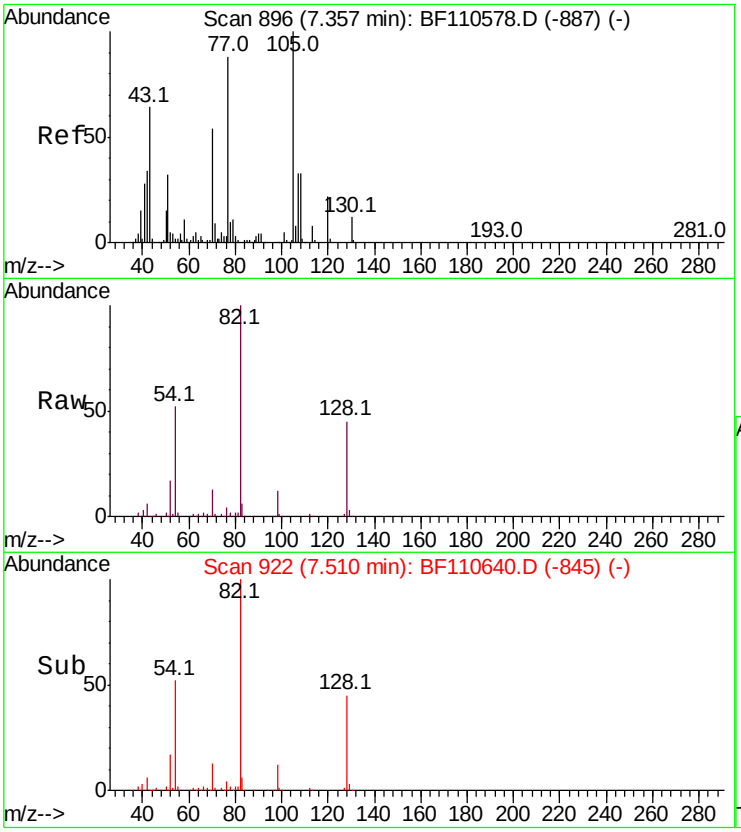


#10
Phenol
Concen: 7.183 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion: 94 Resp: 56786

Ion	Ratio	Lower	Upper
94	100		
65	26.0	25.3	65.3
66	37.4	54.5	94.5#



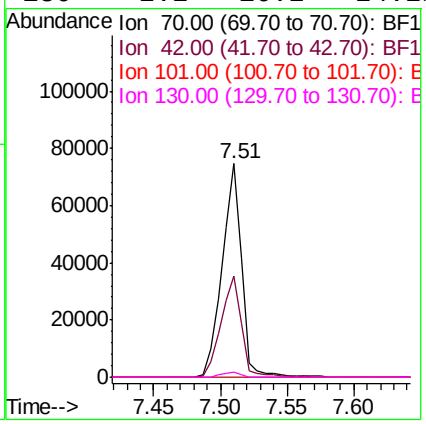


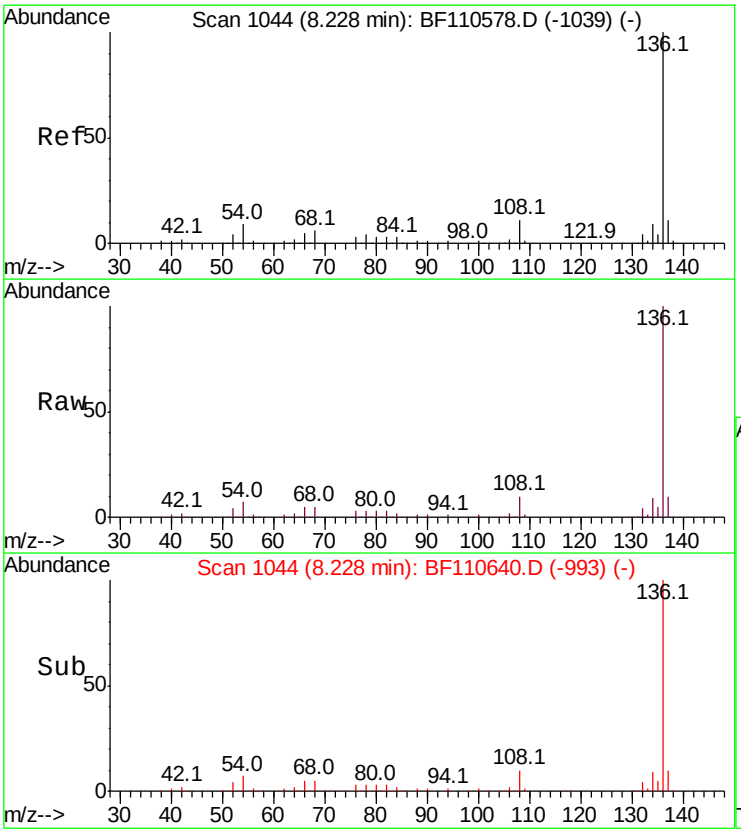
#19
n-Nitroso-di-n-propylamine
Concen: 17.808 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 77501

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.4	71.2#
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

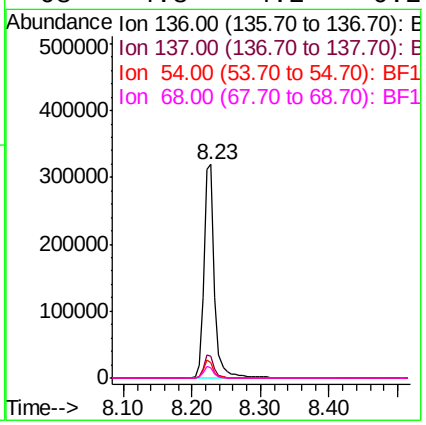


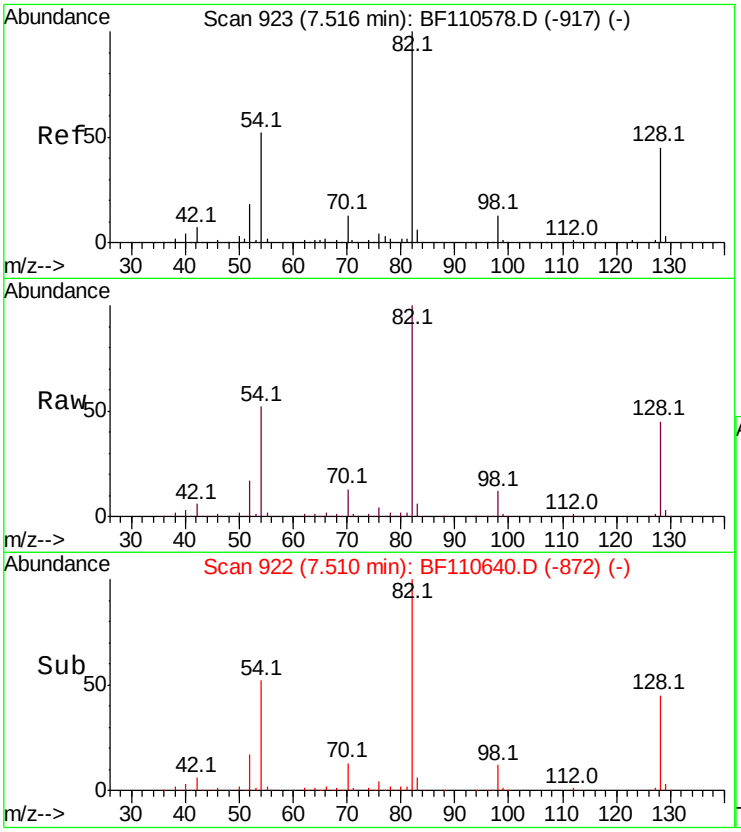


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:136 Resp: 350941

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2



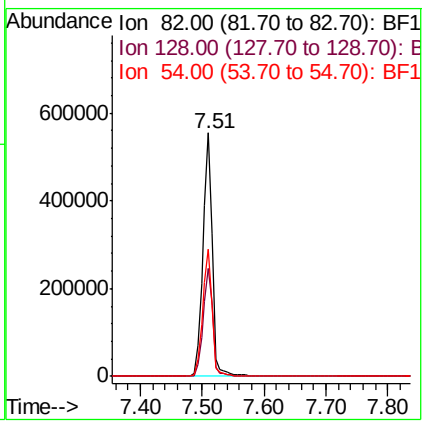


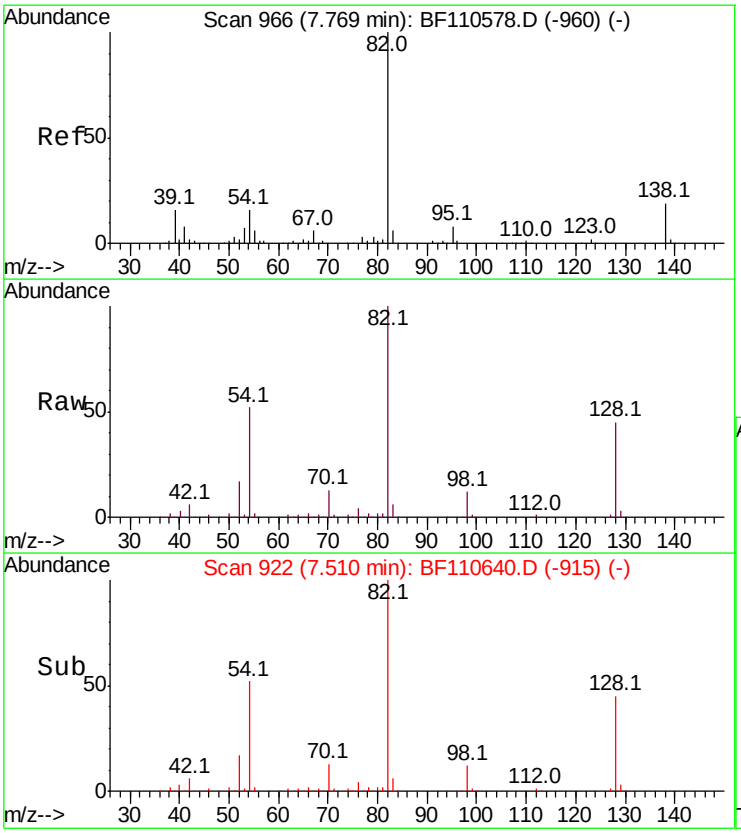
#23
Nitrobenzene-d5
Concen: 97.317 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 593034

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	52.5	38.6	58.0

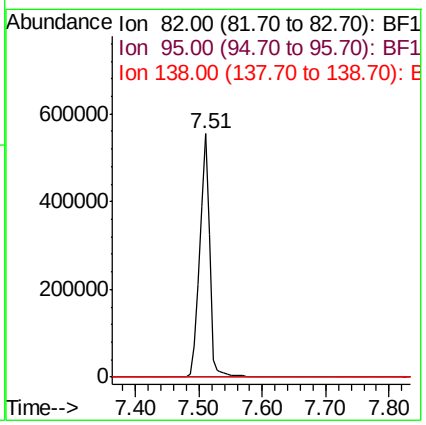


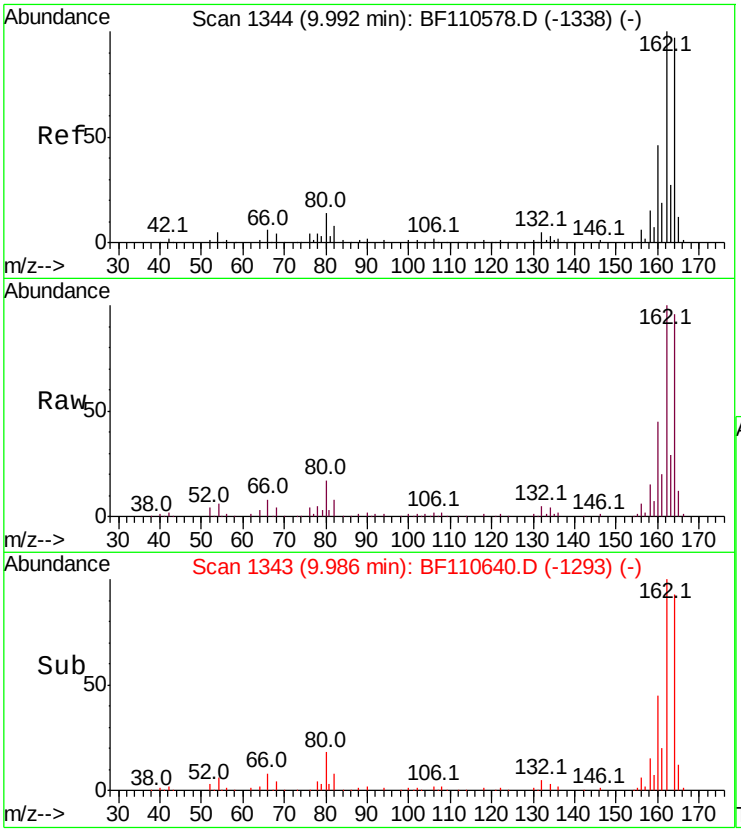


#25
Isophorone
Concen: 59.375 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion: 82 Resp: 593030

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



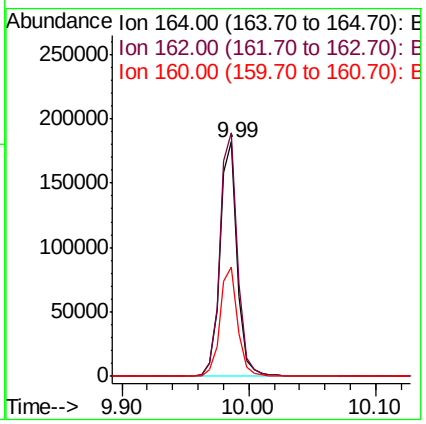


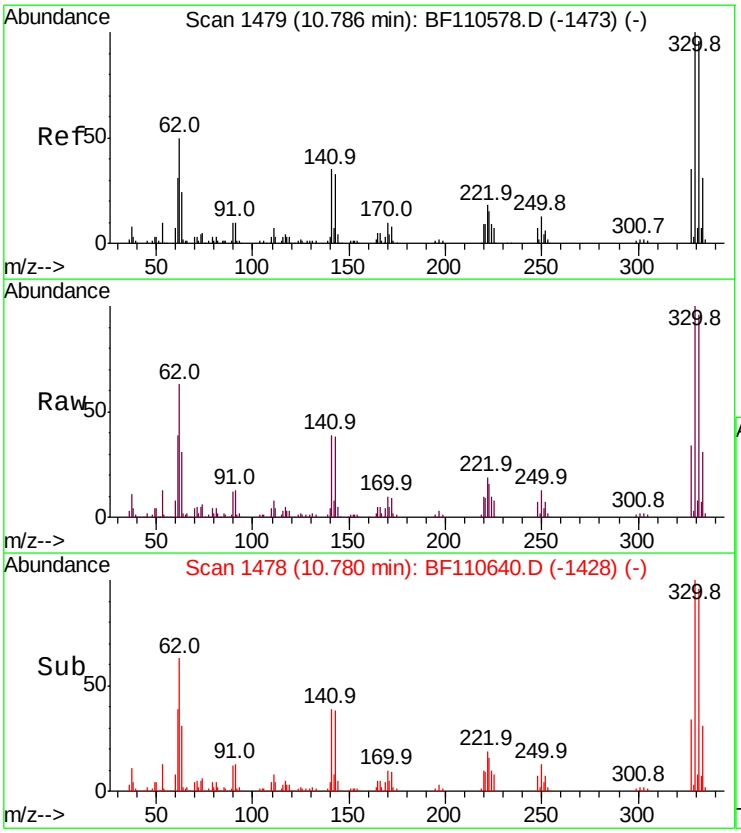
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172964

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.6
160	46.4	37.0	55.6

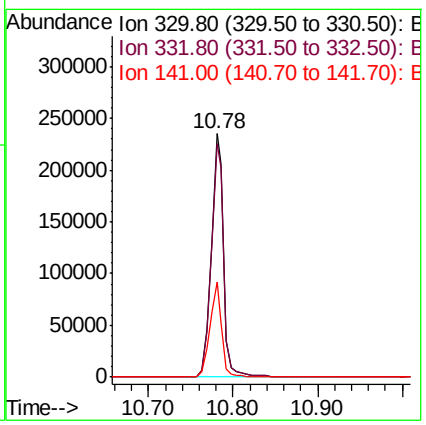


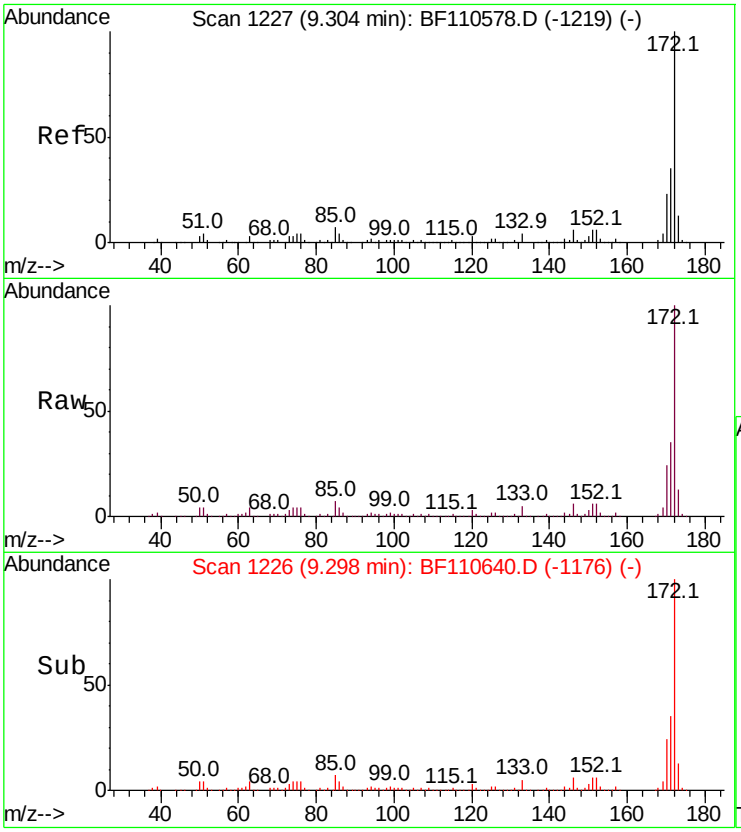


#42
2,4,6-Tribromophenol
Concen: 140.697 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:330 Resp: 245211

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	37.0	27.0	40.4



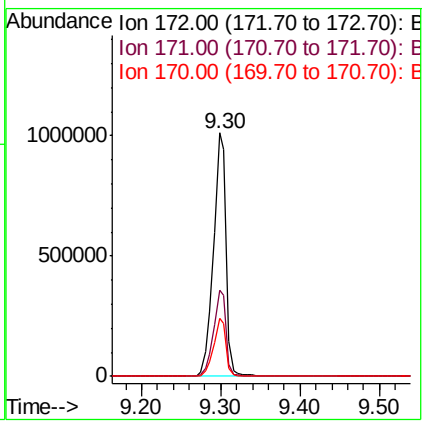


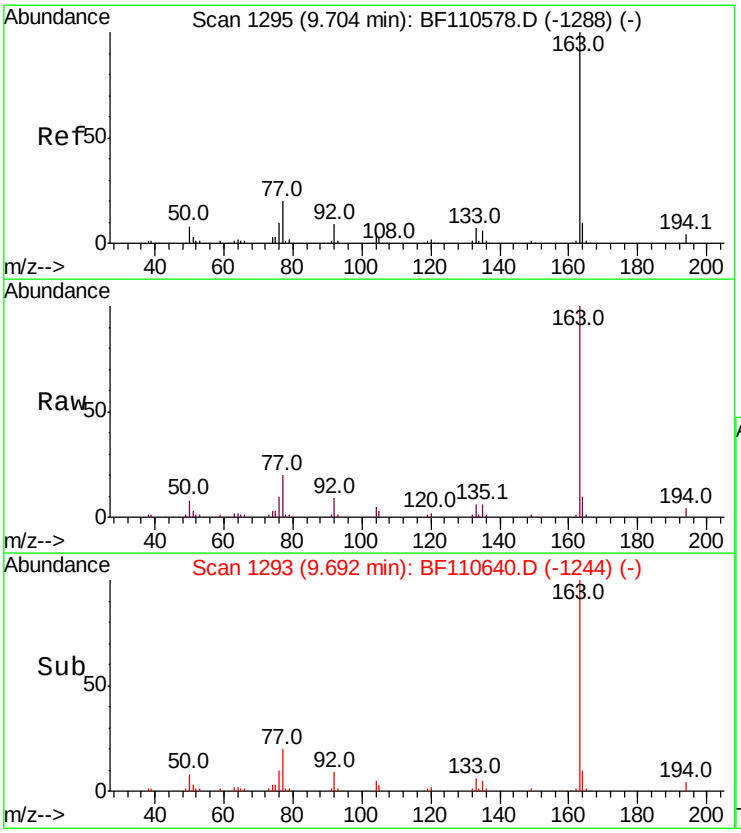
#45
2-Fluorobiphenyl
Concen: 92.394 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1118968

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.7	19.7	29.5

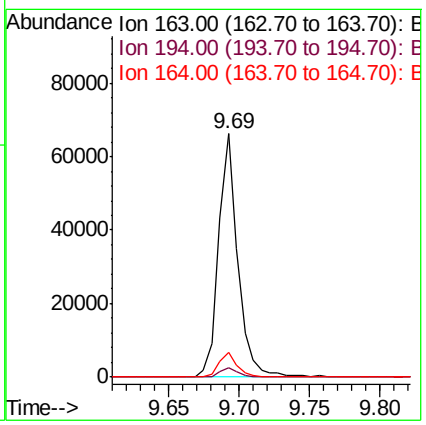


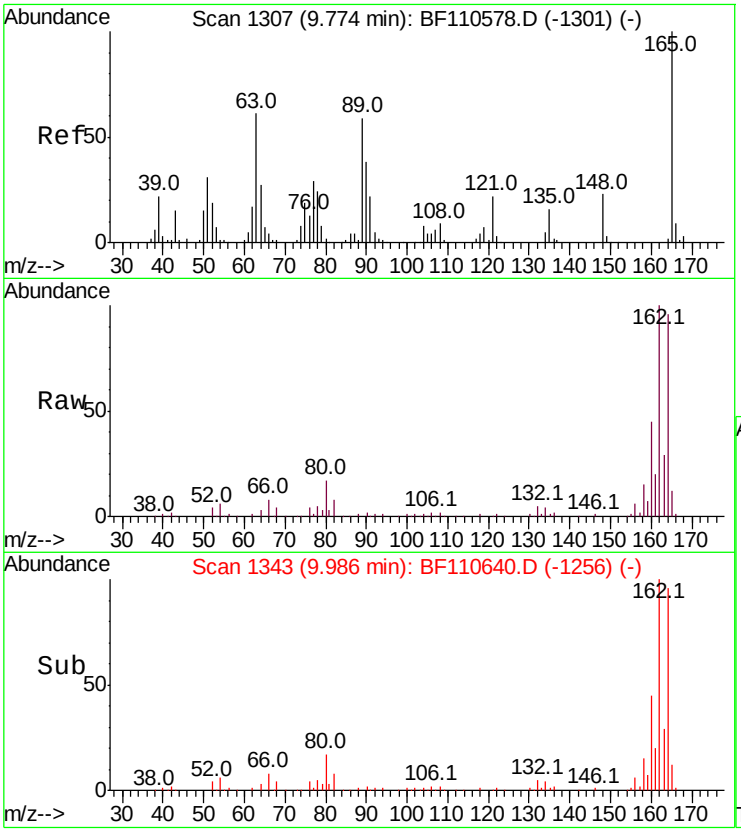


#50
Dimethylphthalate
Concen: 4.877 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:163 Resp: 62937

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	8.1	12.1



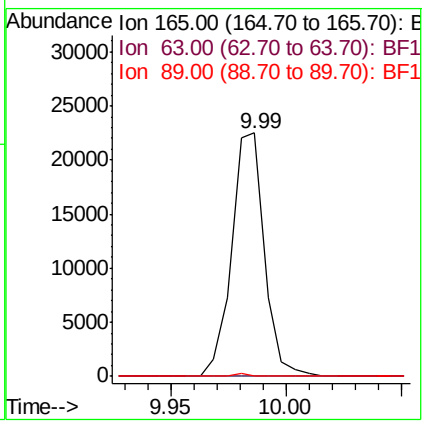


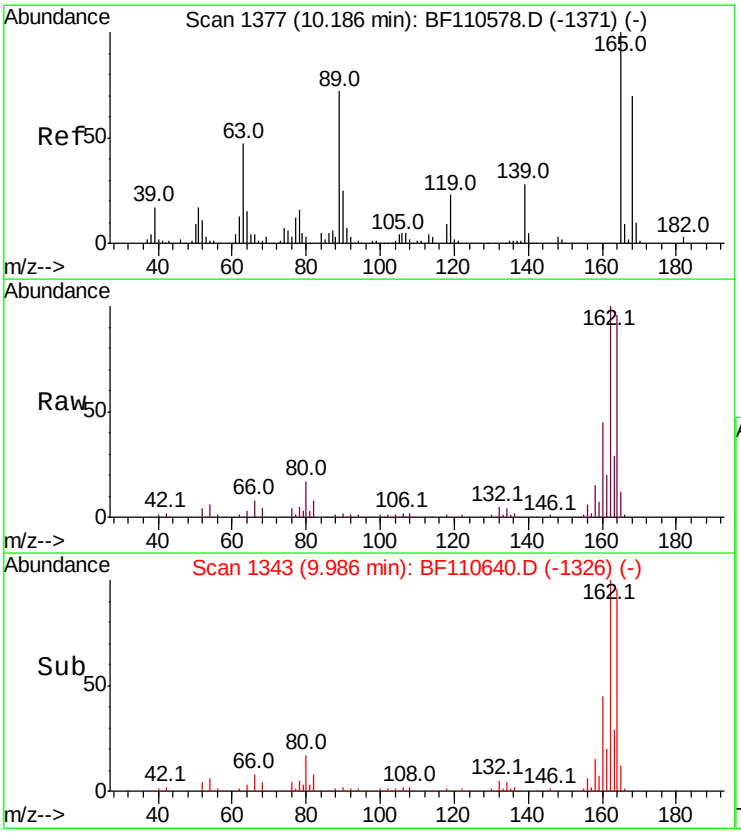
#51
2,6-Dinitrotoluene
Concen: 7.818 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22196

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

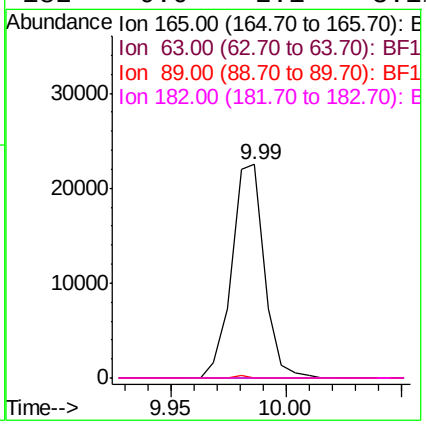


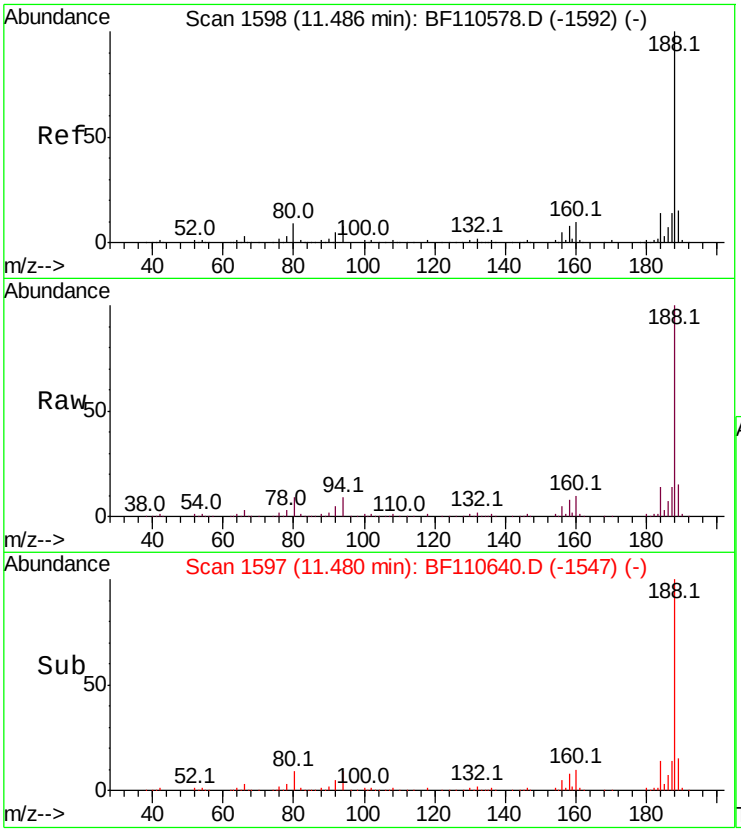


#57
2,4-Dinitrotoluene
Concen: 6.013 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:165 Resp: 22196

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#



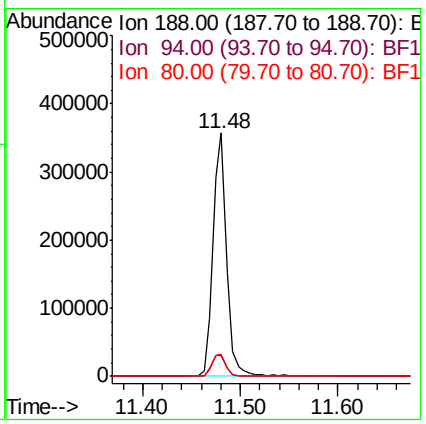


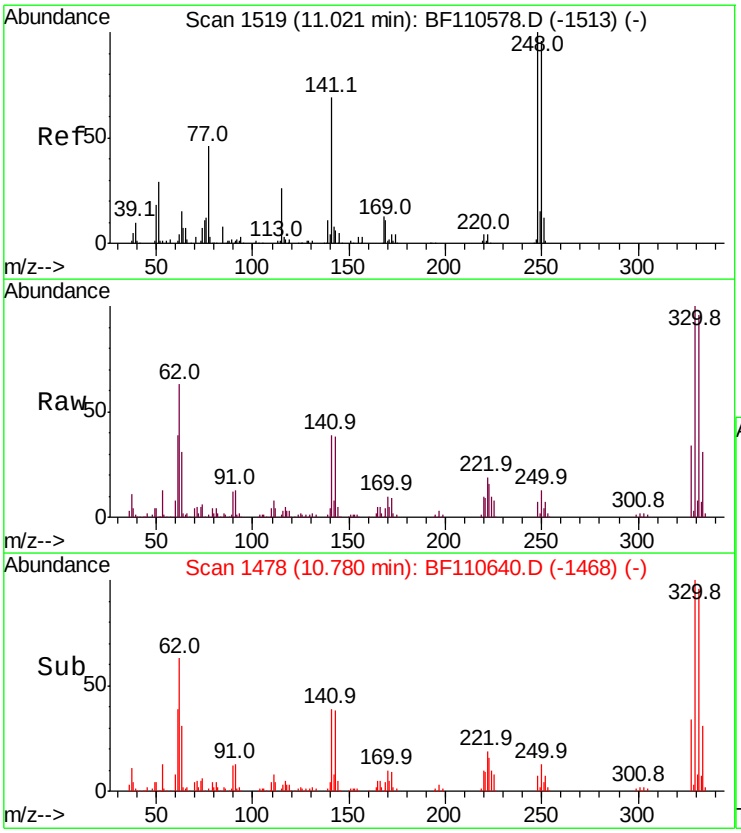
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 343062

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.1	7.9	11.9

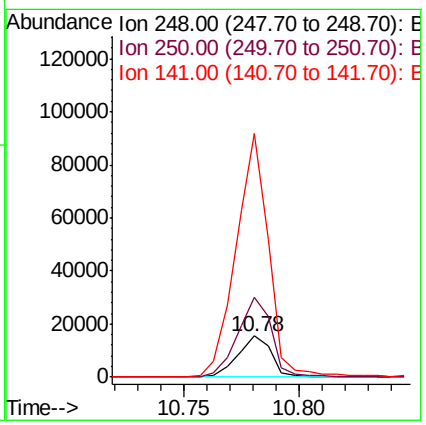


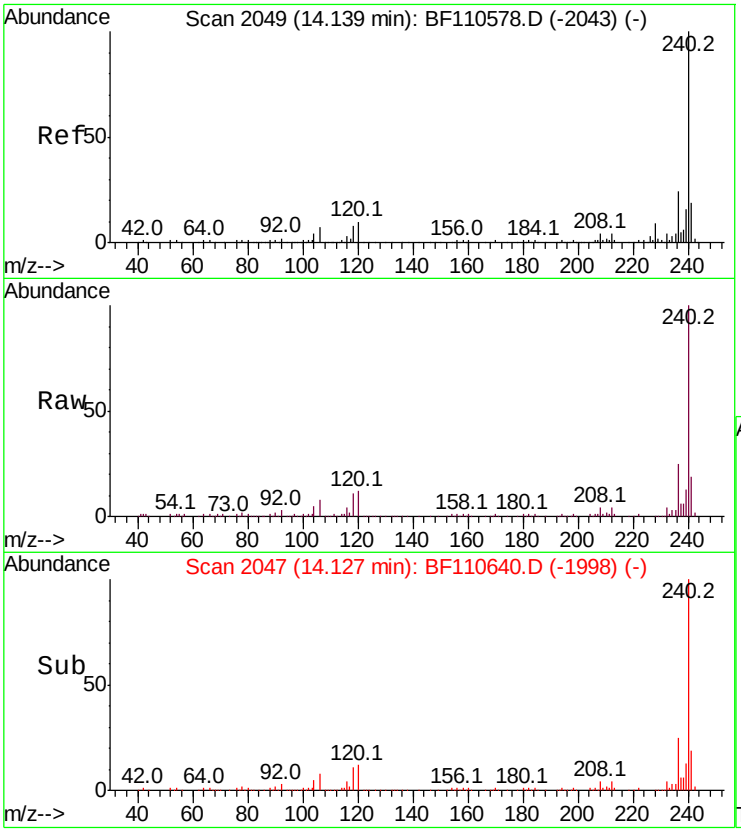


#67
4-Bromophenyl-phenylether
Concen: 4.118 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:248 Resp: 15615

Ion	Ratio	Lower	Upper
248	100		
250	194.2	79.4	119.2#
141	595.0	55.9	83.9#



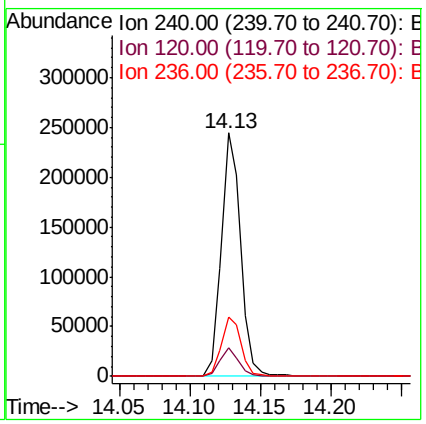


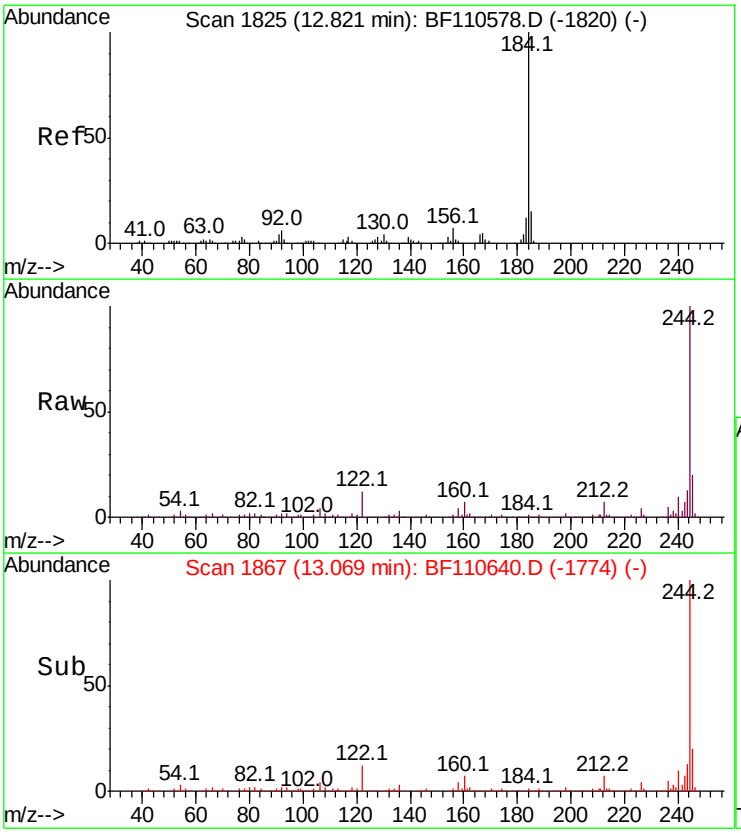
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 231712

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	24.6	21.2	31.8

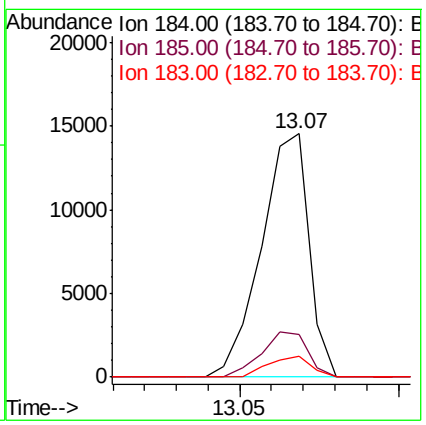


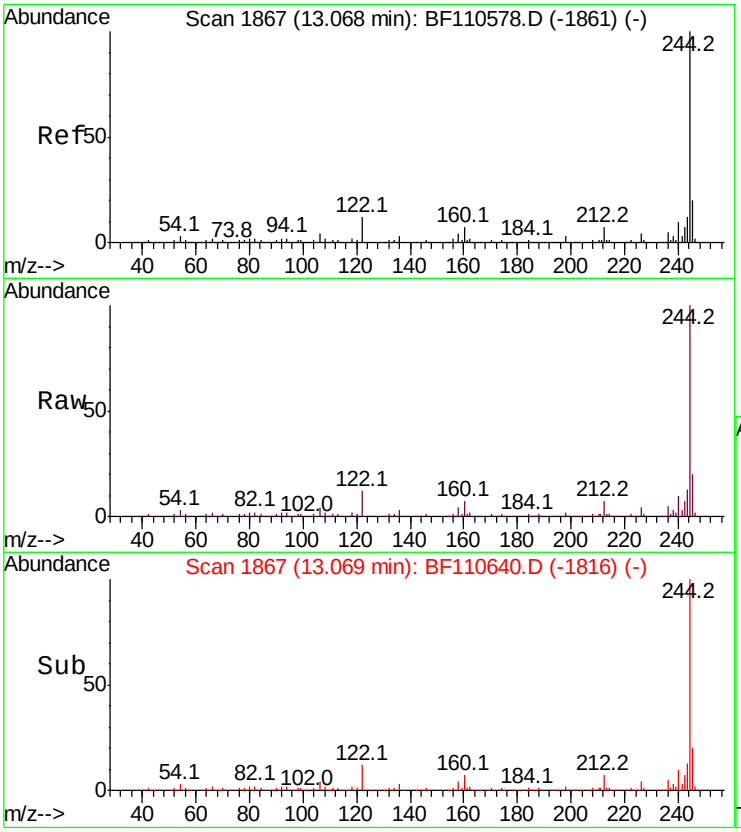


#77
Benzidine
Concen: 2.388 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.25 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:184 Resp: 15216

Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.4	20.2
183	8.7	9.4	14.2#



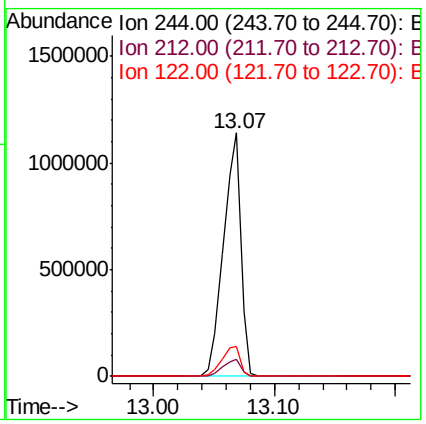


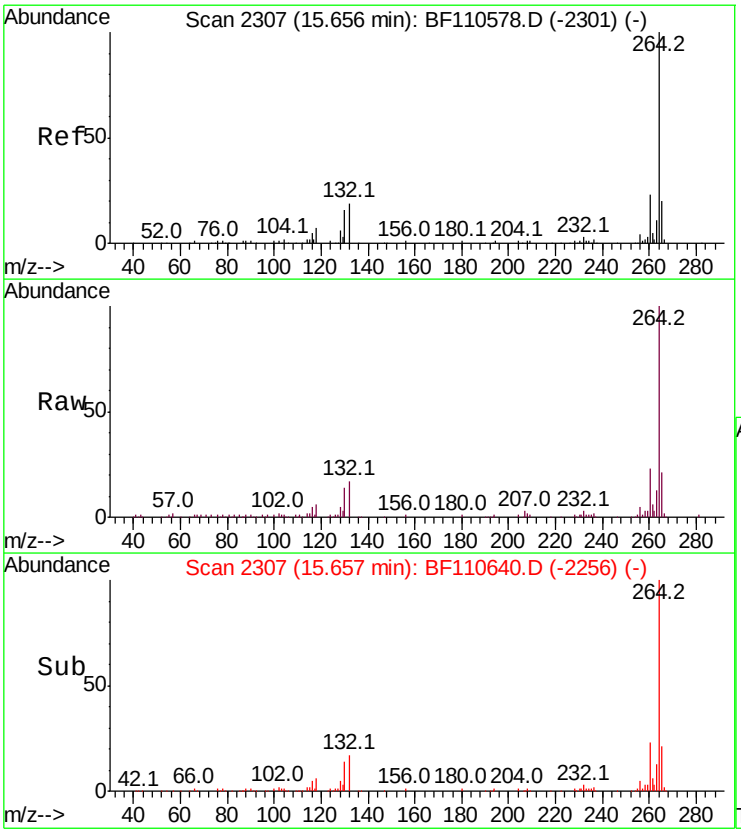
#79
Terphenyl-d14
Concen: 91.832 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF110640.D
Acq: 9 Nov 2018 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1136210

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.1	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: BF110640.D
Acq: 9 Nov 2018 21:09

Tgt Ion:264 Resp: 144060

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.3	16.7	25.1