Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100066.D
Acq On : 2 Nov 2017 1:00
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 01:42:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	68807	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	280527	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	119783	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	188829	20.00	ng	0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	123144	28.10	ng	0.01
7) Phenol-d6	6.43	99	156383	30.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	84257	19.34	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	29295	26.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	186501	24.02	ng	0.00
78) Terphenyl-d14	13.02	244	118573	0.00	ng	0.12
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	9949	3.267	ng	# 69
25) Isophorone	7.35	82	84257	10.656	ng	# 64
49) Dimethylphthalate	9.54	163	49053	5.171	ng	99
50) 2,6-Dinitrotoluene	9.82	165	15327	7.686	ng	# 24
55) 4-Nitrophenol	10.03	139	3424	2.789	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	15327	6.382	ng	# 21
70) Phenanthrene	11.35	178	105062	9.859	ng	98
71) Anthracene	11.40	178	27428	2.536	ng	97
74) Fluoranthene	12.60	202	121883	11.006	ng	99

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

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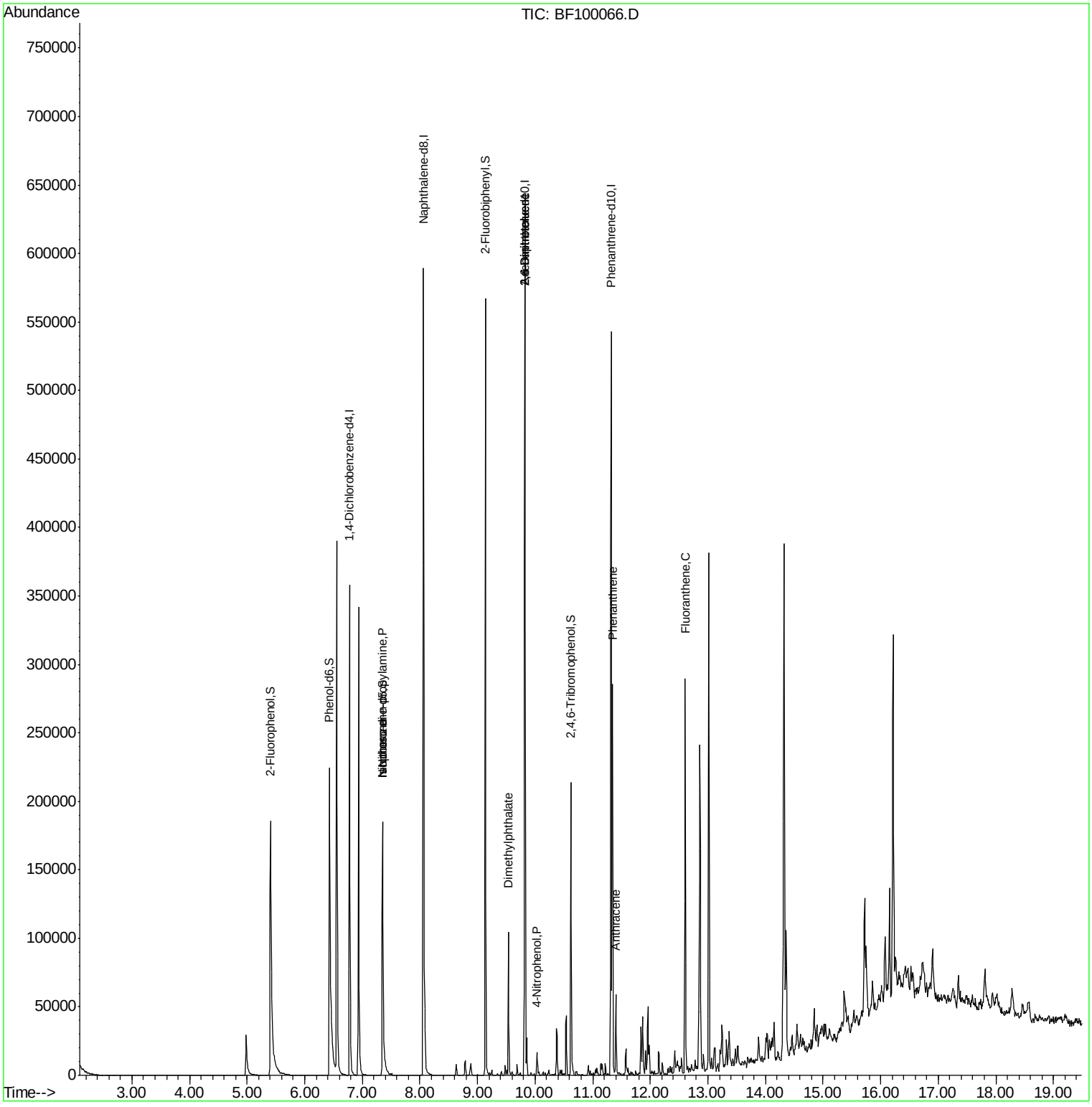
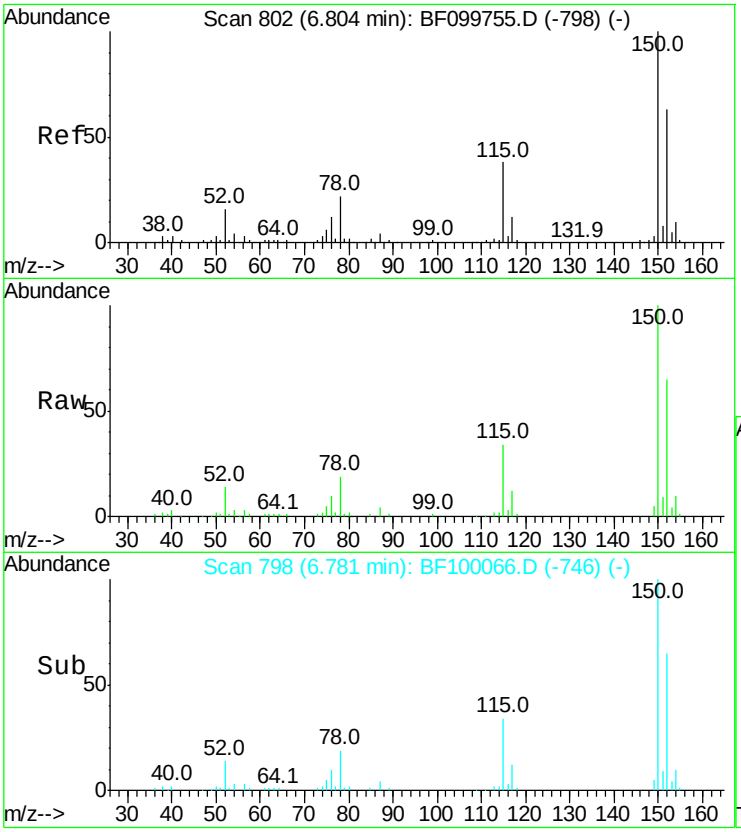


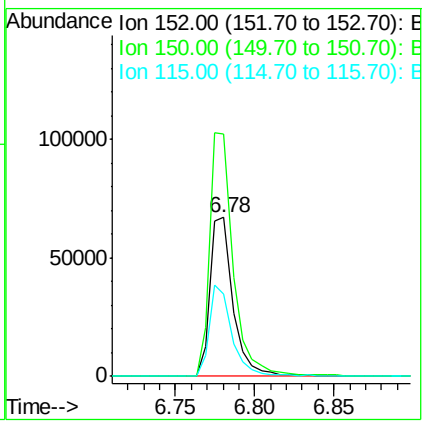


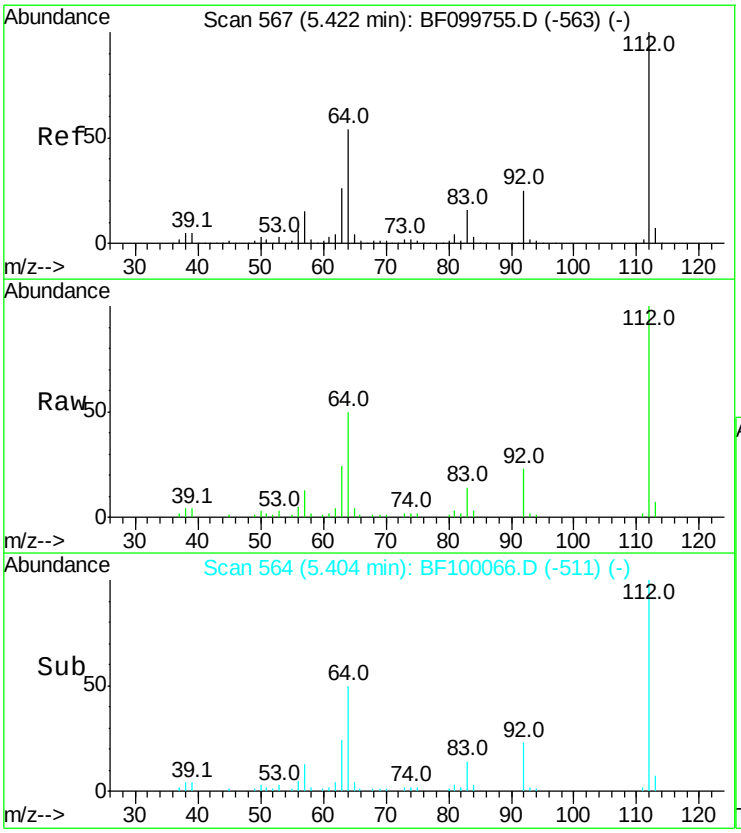
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68807

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	51.9	50.1	75.1

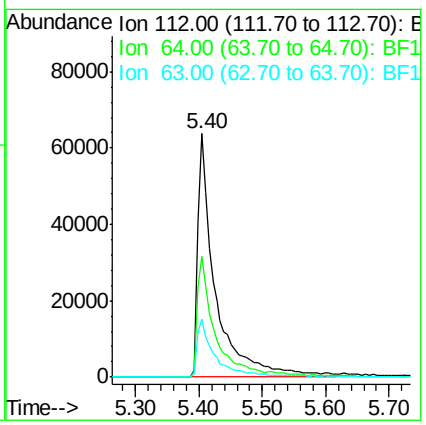


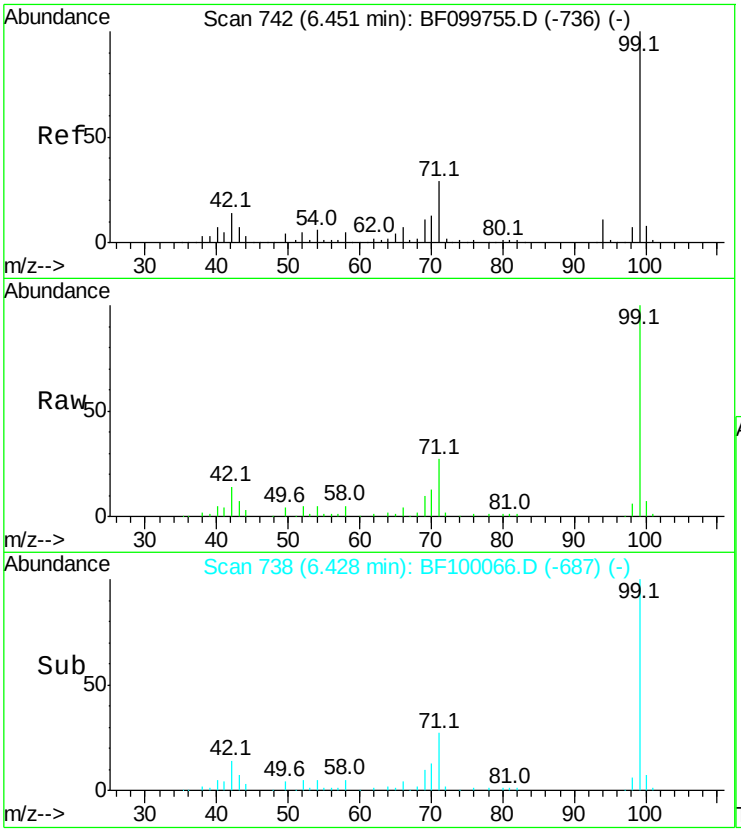


#5
2-Fluorophenol
Concen: 28.098 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:112 Resp: 123144

Ion	Ratio	Lower	Upper
112	100		
64	49.6	47.9	71.9
63	23.8	23.7	35.5



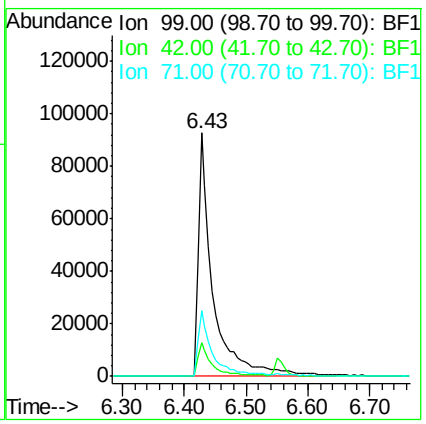


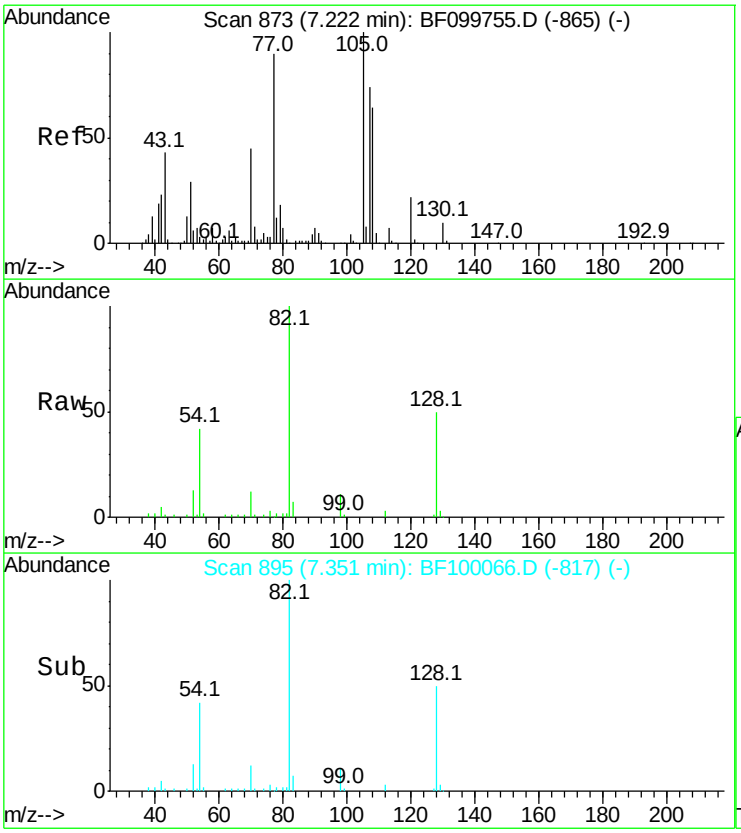
#7
Phenol-d6
Concen: 30.093 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 156383

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	27.0	25.4	38.0

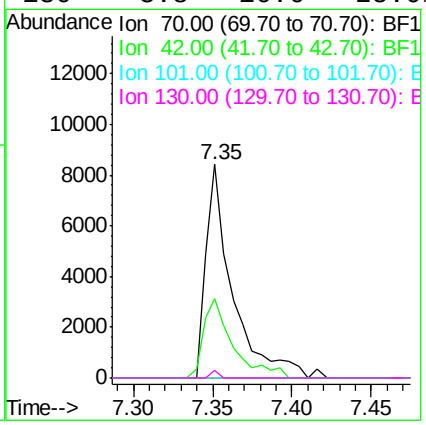


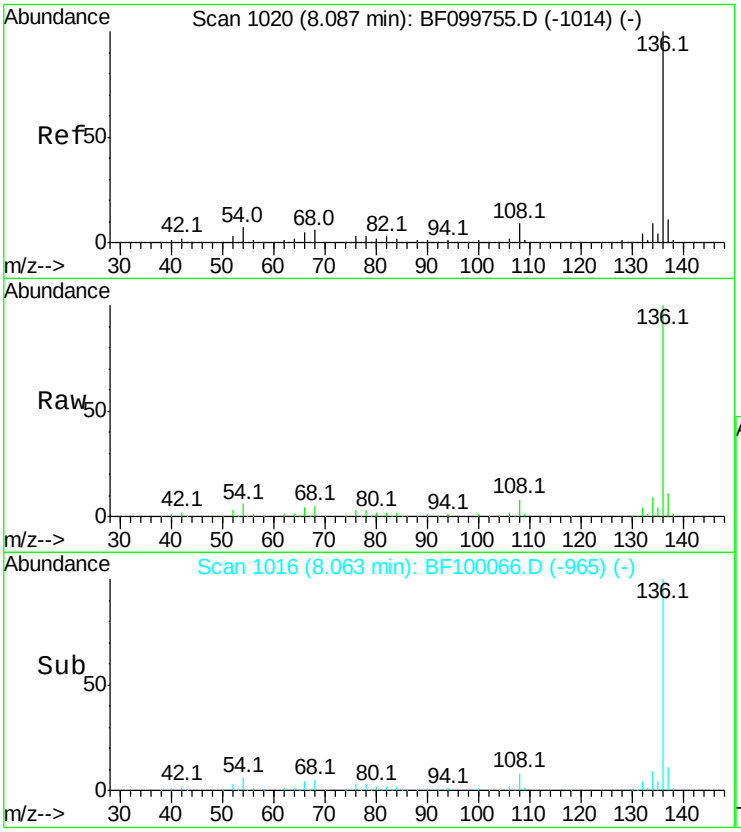


#19
n-Nitroso-di-n-propylamine
Concen: 3.267 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.16 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion: 70 Resp: 9949

Ion	Ratio	Lower	Upper
70	100		
42	37.0	47.5	71.3#
101	0.0	7.4	11.2#
130	3.8	16.6	25.0#



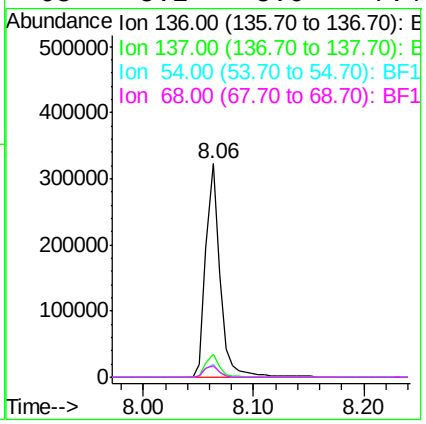


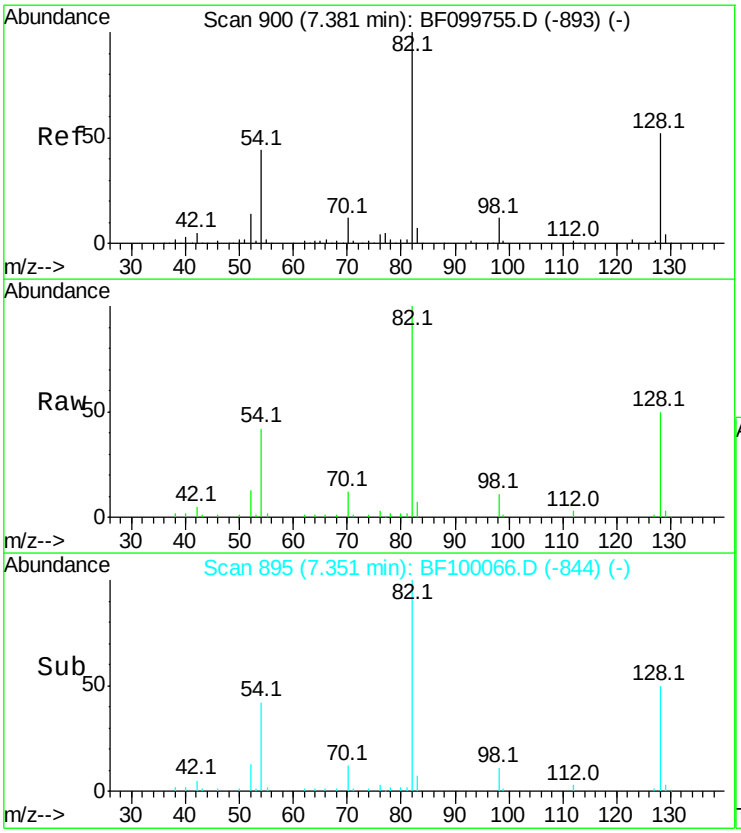
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 280527

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.9	6.6	9.8#
68	5.2	5.0	7.4

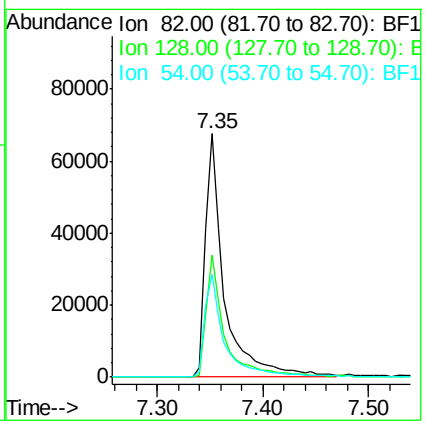


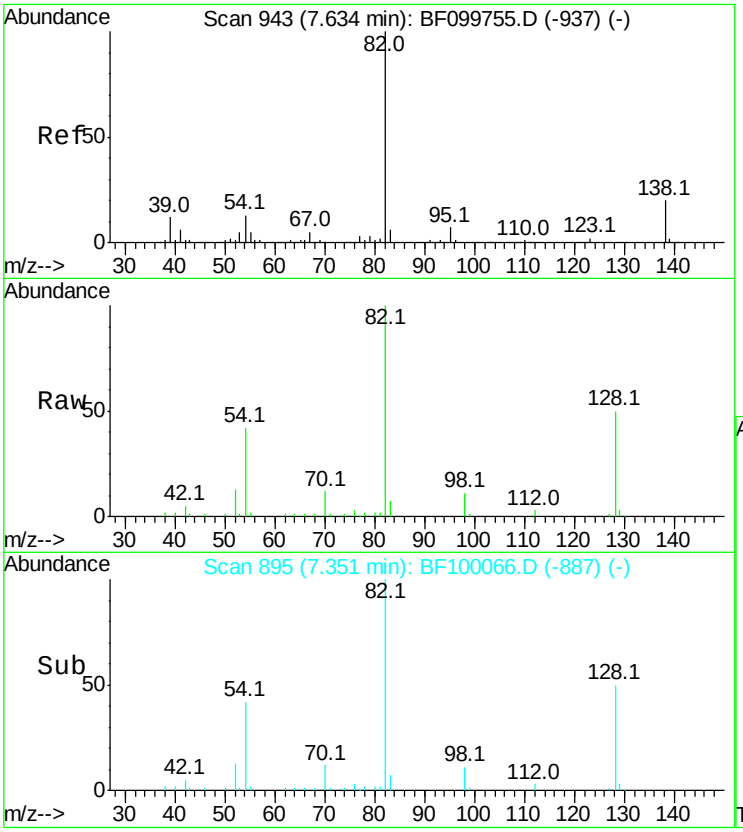


#23
Nitrobenzene-d5
Concen: 19.337 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion: 82 Resp: 84257

Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	42.4	41.4	62.2



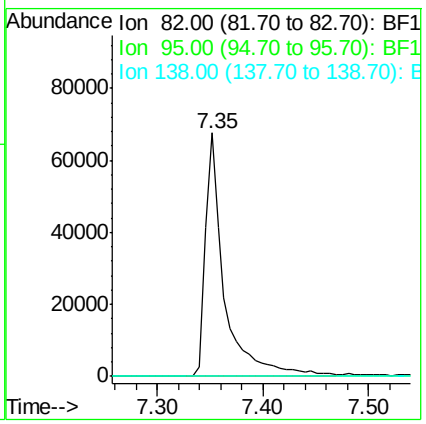


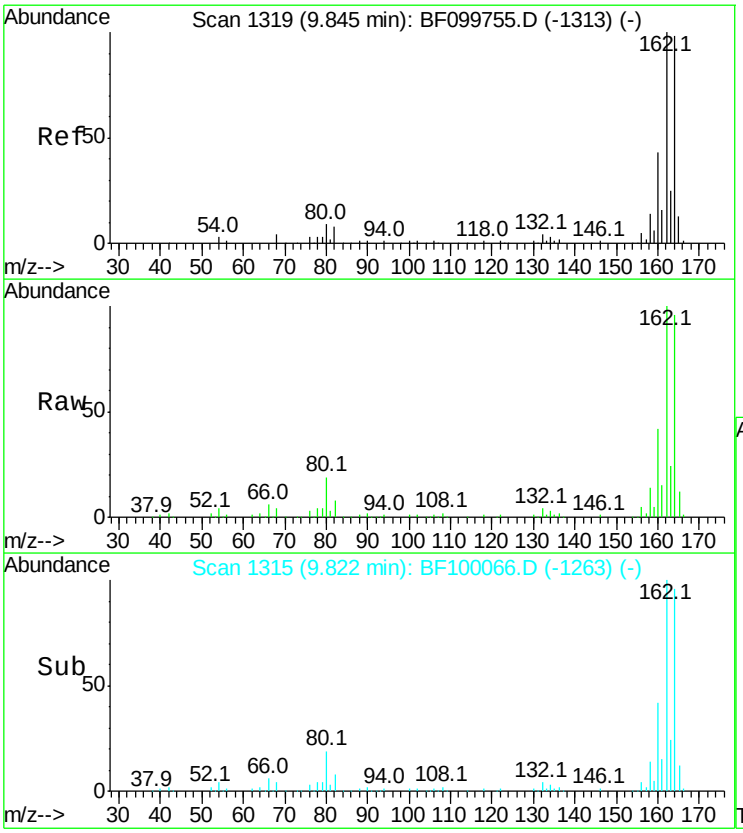
#25
Isophorone
Concen: 10.656 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.25 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 84257

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

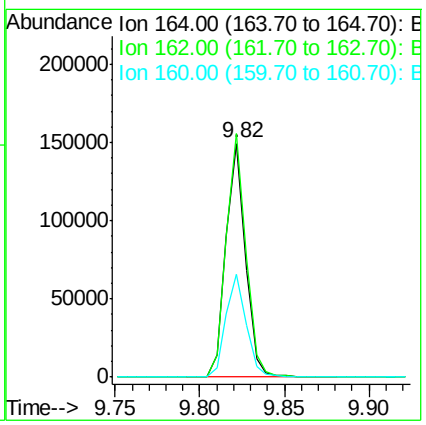


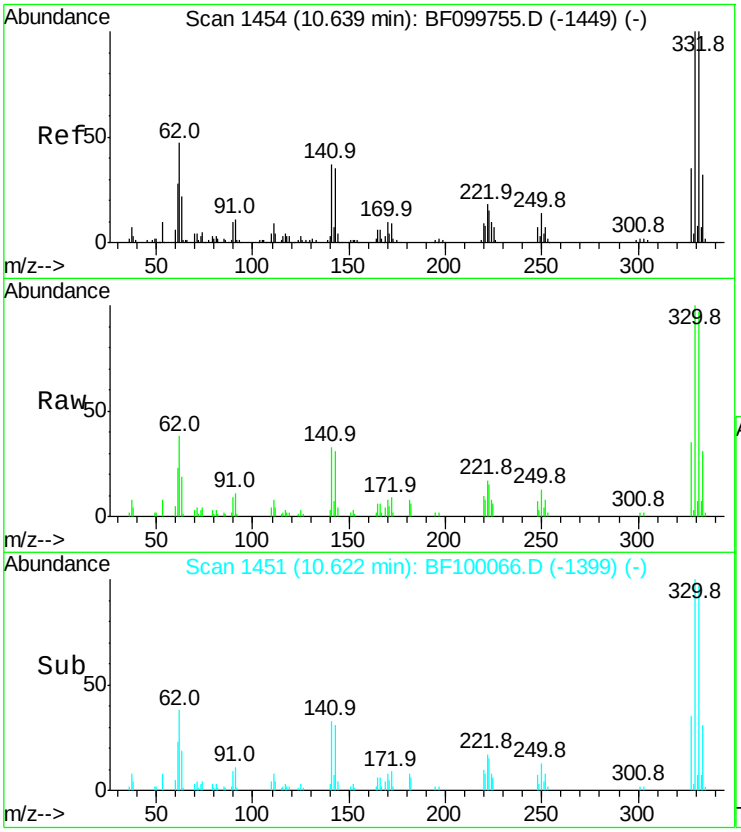


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:164 Resp: 119783

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.2	38.3	57.5



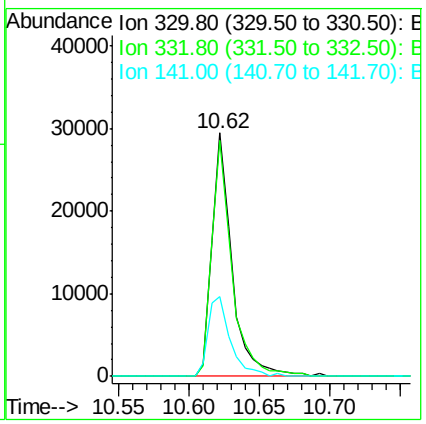


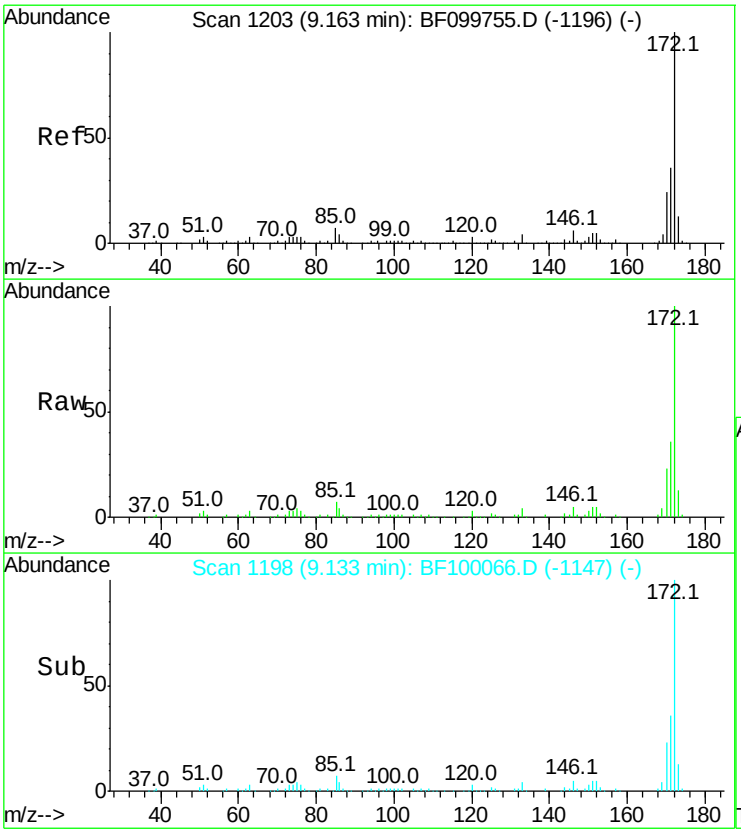
#41
2,4,6-Tribromophenol
Concen: 26.837 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 29295

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.0	29.9	44.9

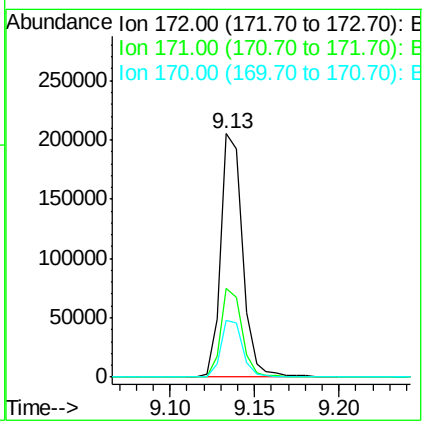


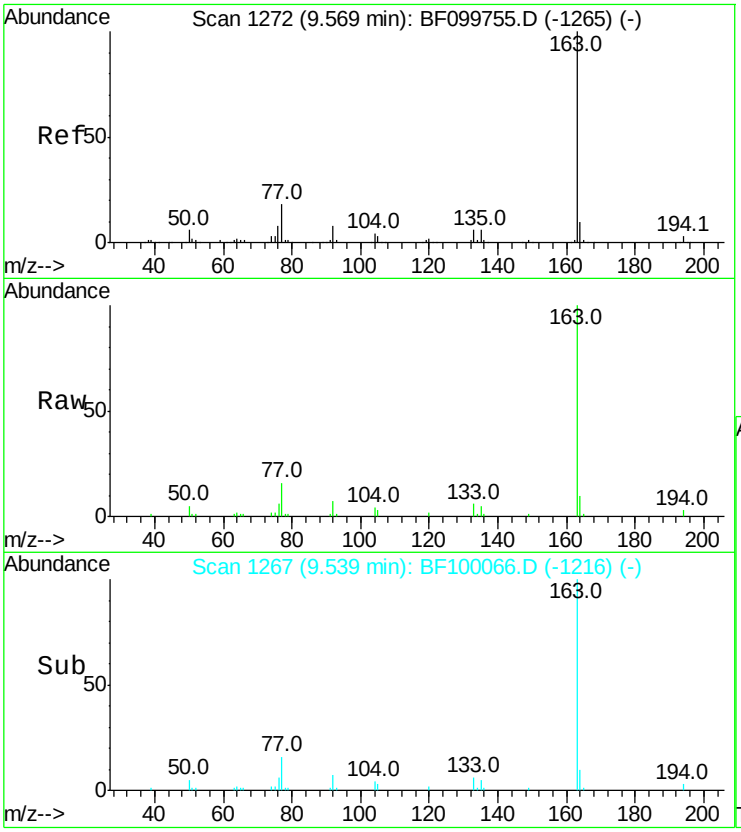


#44
2-Fluorobiphenyl
Concen: 24.022 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:172 Resp: 186501

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.3	19.6	29.4



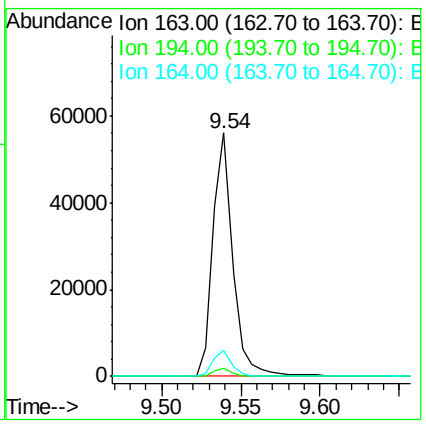


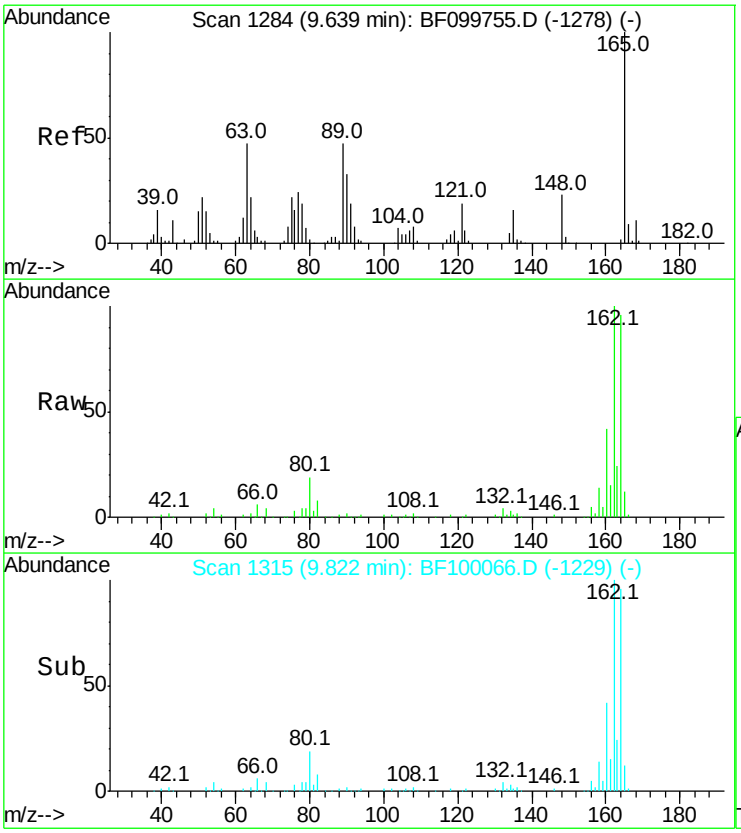
#49
Dimethylphthalate
Concen: 5.171 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 49053

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

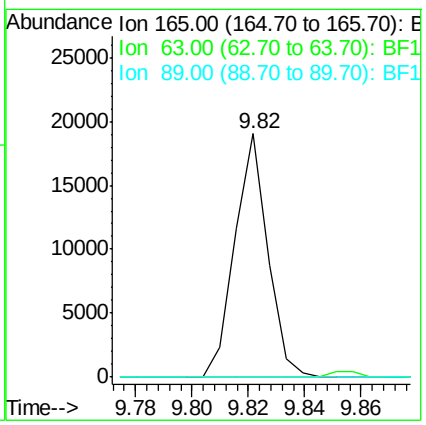


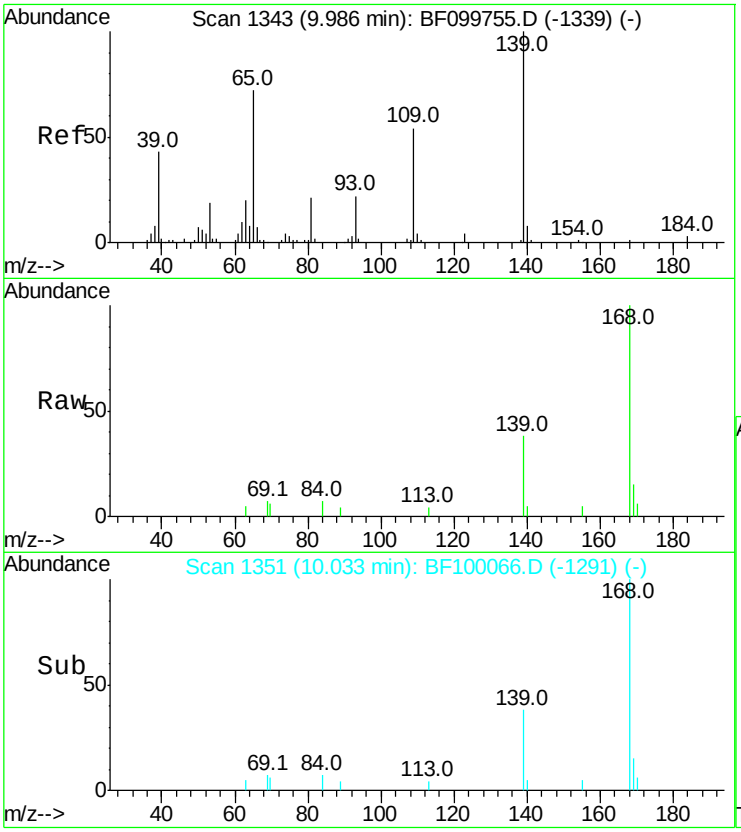


#50
2,6-Dinitrotoluene
Concen: 7.686 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:165 Resp: 15327

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



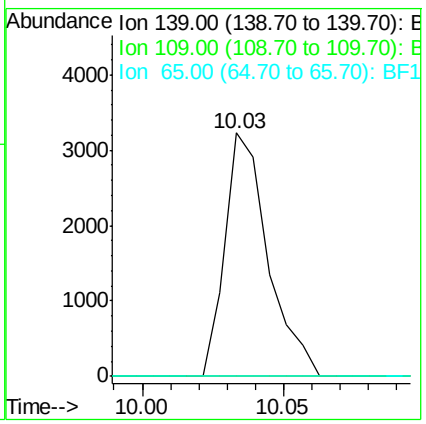


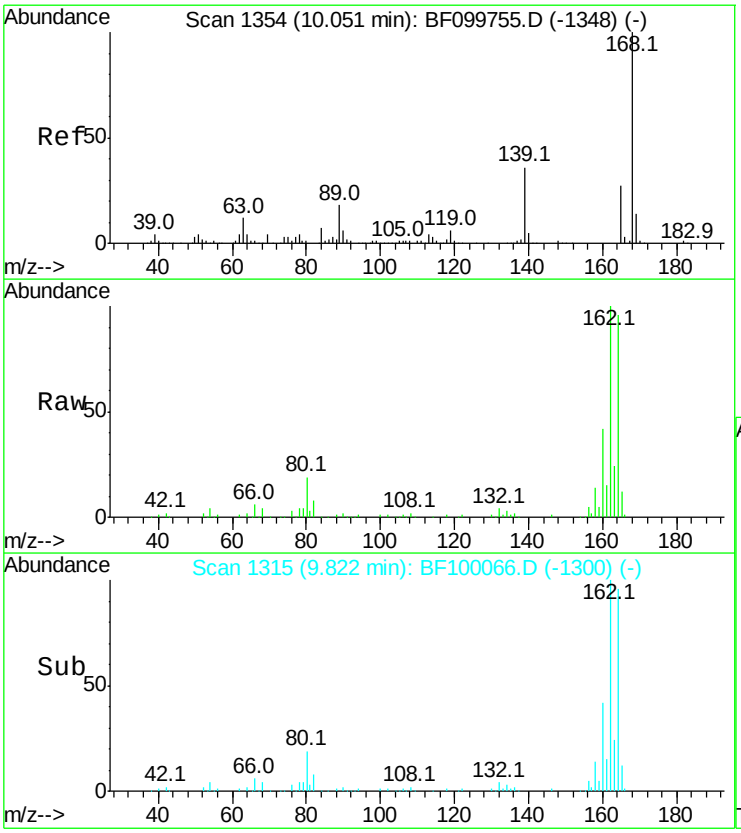
#55
4-Nitrophenol
Concen: 2.789 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3424

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

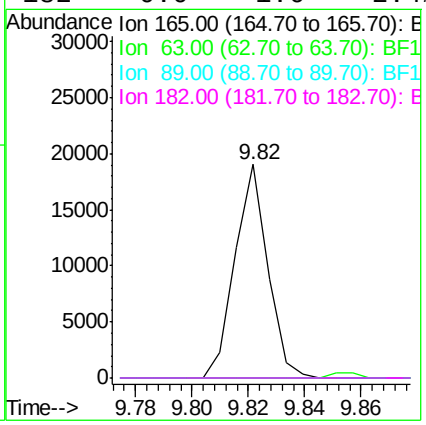


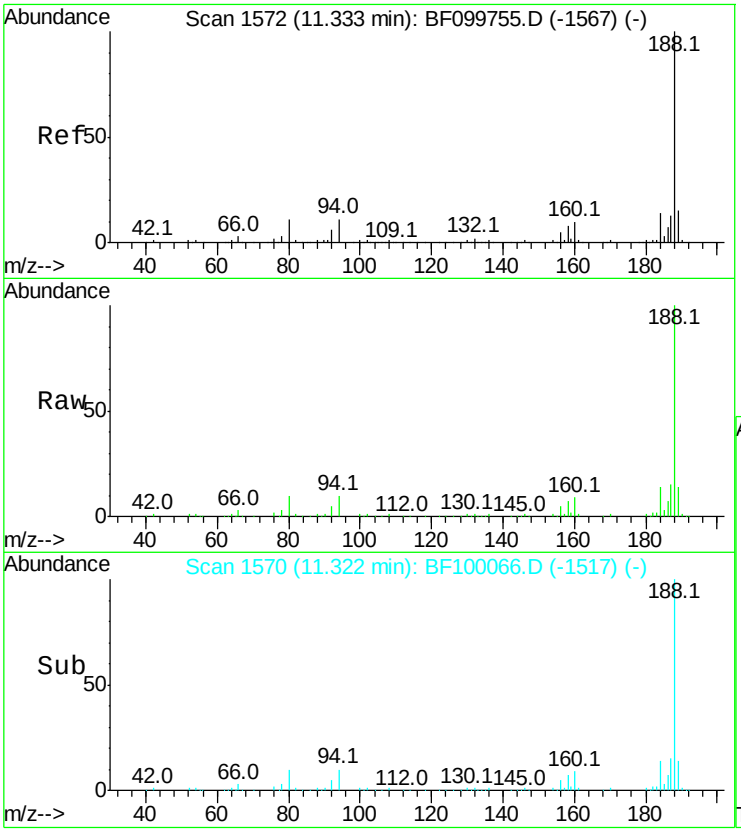


#56
2,4-Dinitrotoluene
Concen: 6.382 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.21 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:165 Resp: 15327

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



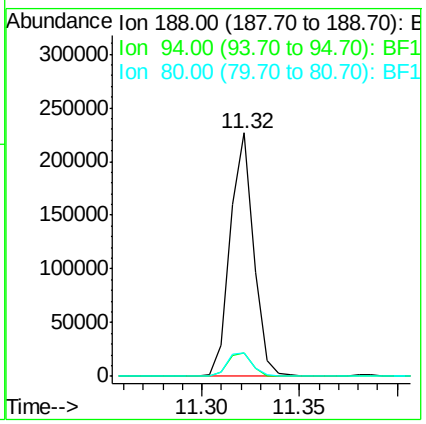


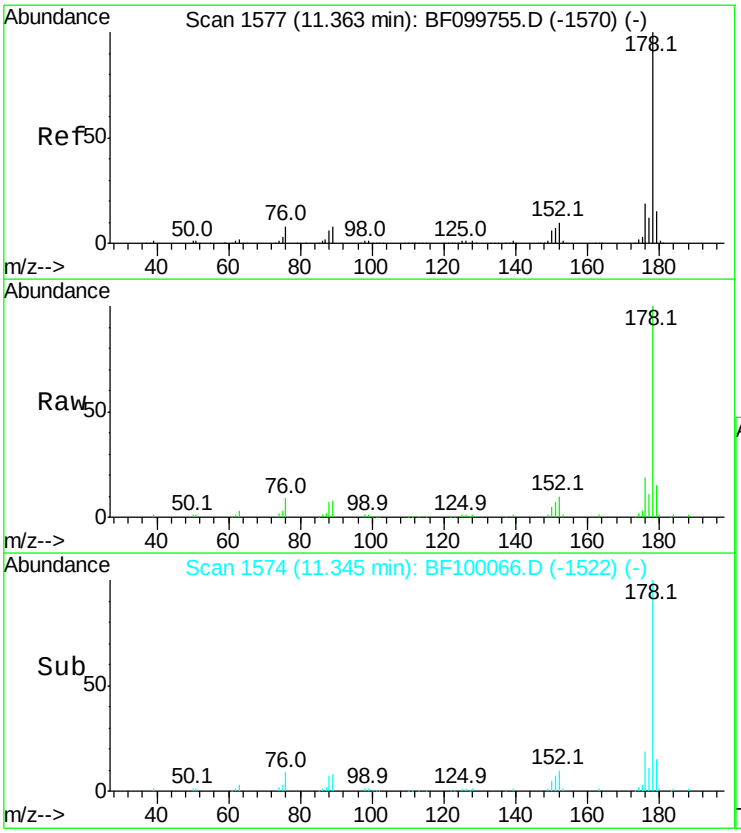
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 188829

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.7	9.2	13.8

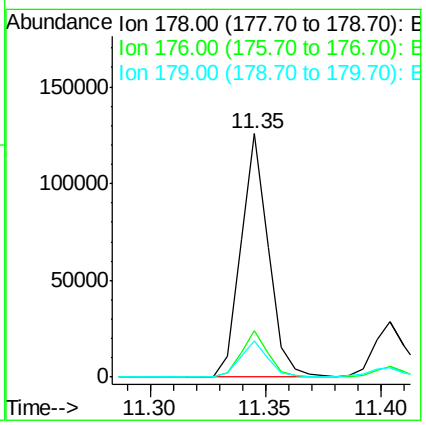


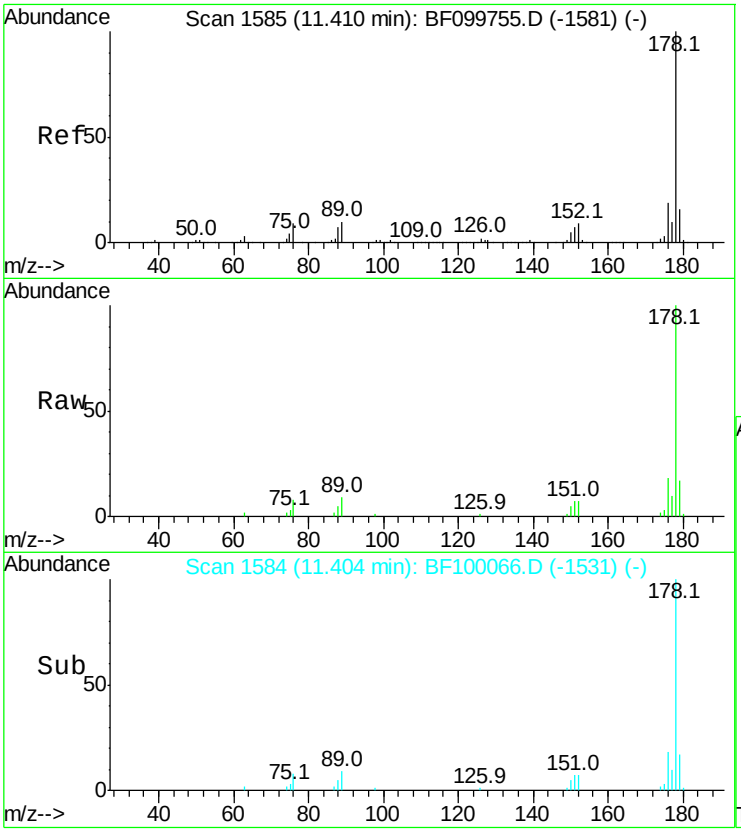


#70
Phenanthrene
Concen: 9.859 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:178 Resp: 105062

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6



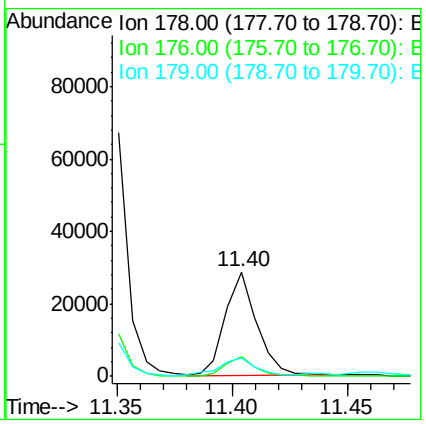


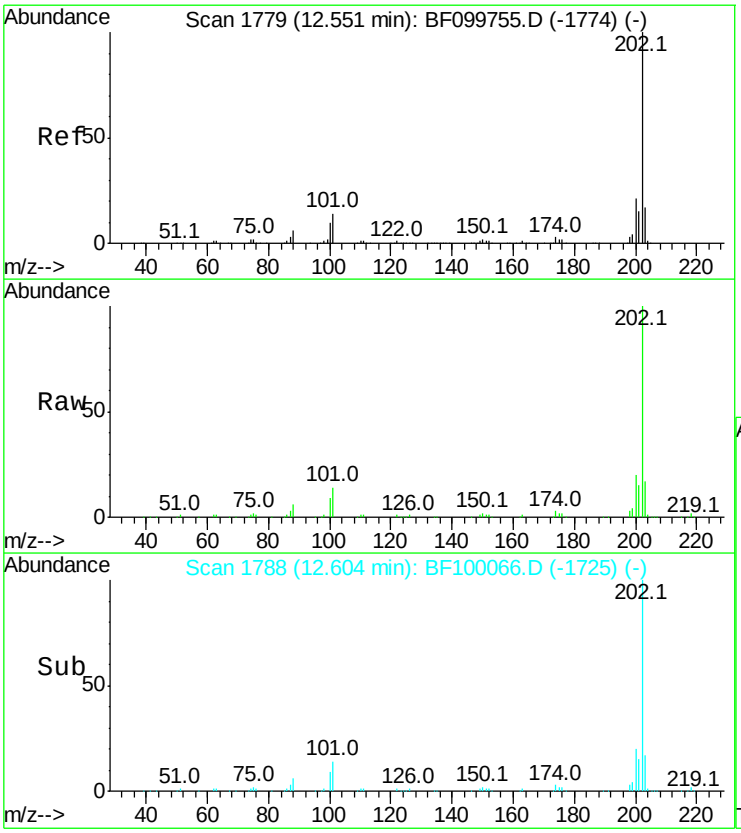
#71
Anthracene
Concen: 2.536 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 27428

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	17.3	12.6	19.0

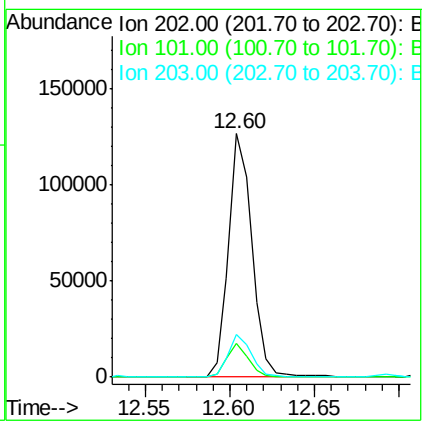


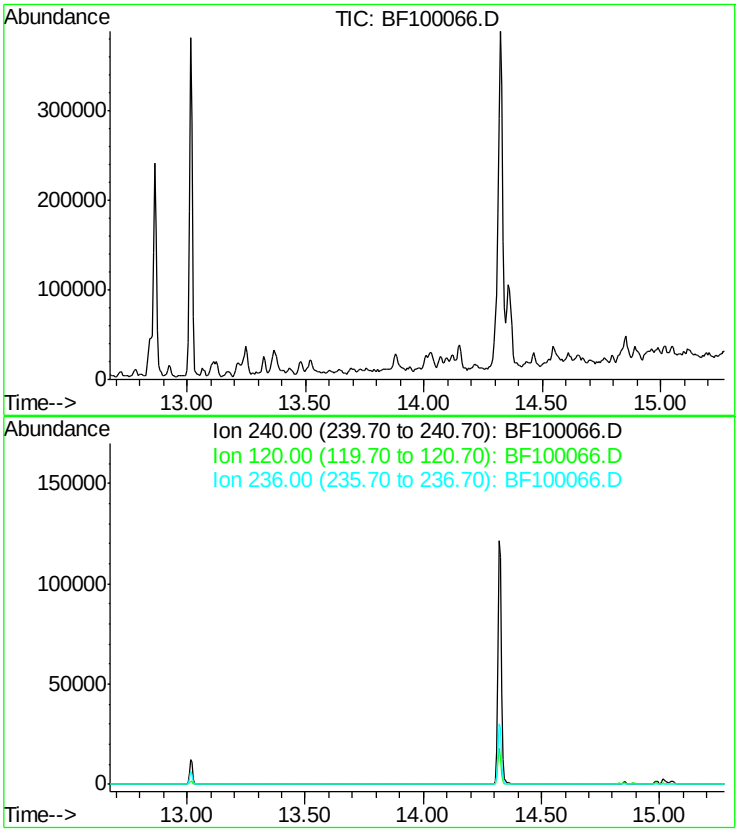


#74
Fluoranthene
Concen: 11.006 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.07 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:202 Resp: 121883

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.3	0.0	38.1





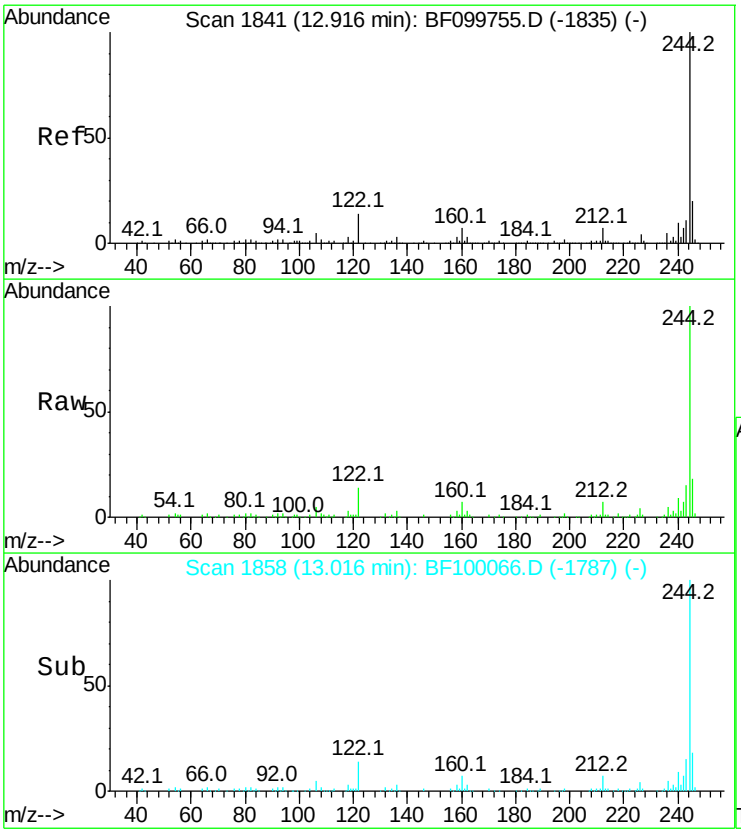
#75
Chrysene-d12
Concen: 0.000 ng
Expected RT: 13.97 min

Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	11.9
236	25.9

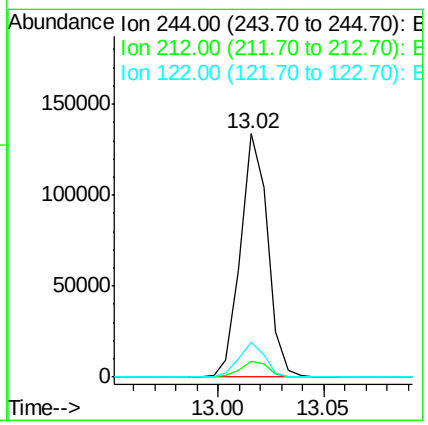
Instrument :
BNA_F
ClientSampleId :

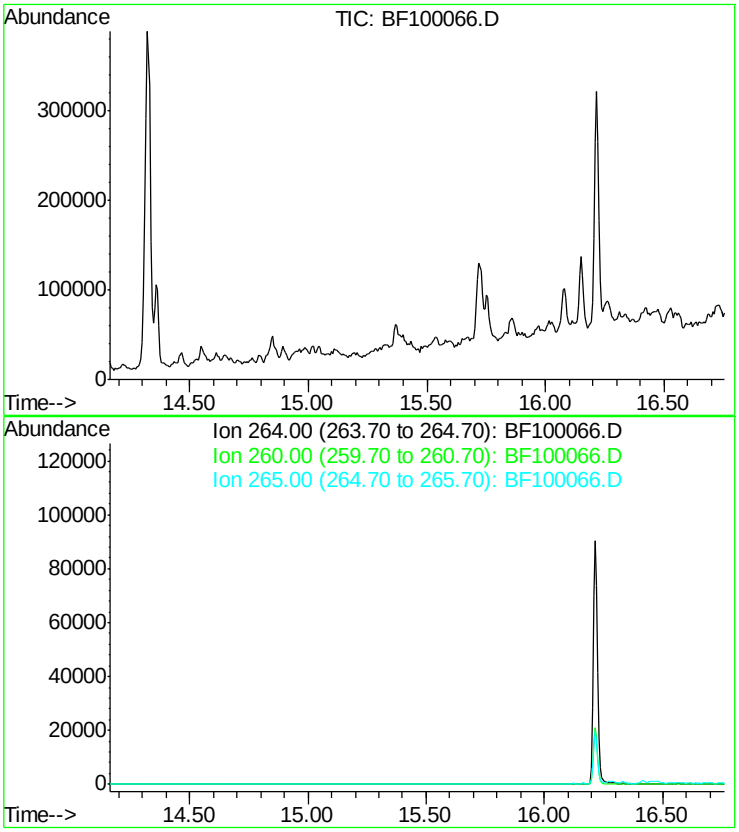


#78
Terphenyl-d14
Concen: 0.000 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.12 min
Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion:244 Resp: 118573

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.2	11.0	16.4





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.46 min

Lab File: BF100066.D
Acq: 2 Nov 2017 1:00

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.0
265	21.9

Instrument :
BNA_F
ClientSampleId :