Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100140.D
Acq On : 3 Nov 2017 17:49
Operator : SJ/JU
Sample : PB103911BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 19:25:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87468	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	365018	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	178298	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	335091	20.00	ng	0.00
75) Chrysene-d12	13.95	240	223283	20.00	ng	0.00
86) Perylene-d12	15.41	264	143357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	333770	59.91	ng	0.01
7) Phenol-d6	6.42	99	408373	61.82	ng	-0.01
23) Nitrobenzene-d5	7.34	82	327133	57.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	96568	59.43	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	720487	62.34	ng	0.00
78) Terphenyl-d14	12.88	244	703505	68.86	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	39887	10.303	ng	# 72
25) Isophorone	7.34	82	327133	31.797	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	22726	7.656	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	22726	6.357	ng	# 22

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
Data File : BF100140.D
Acq On : 3 Nov 2017 17:49
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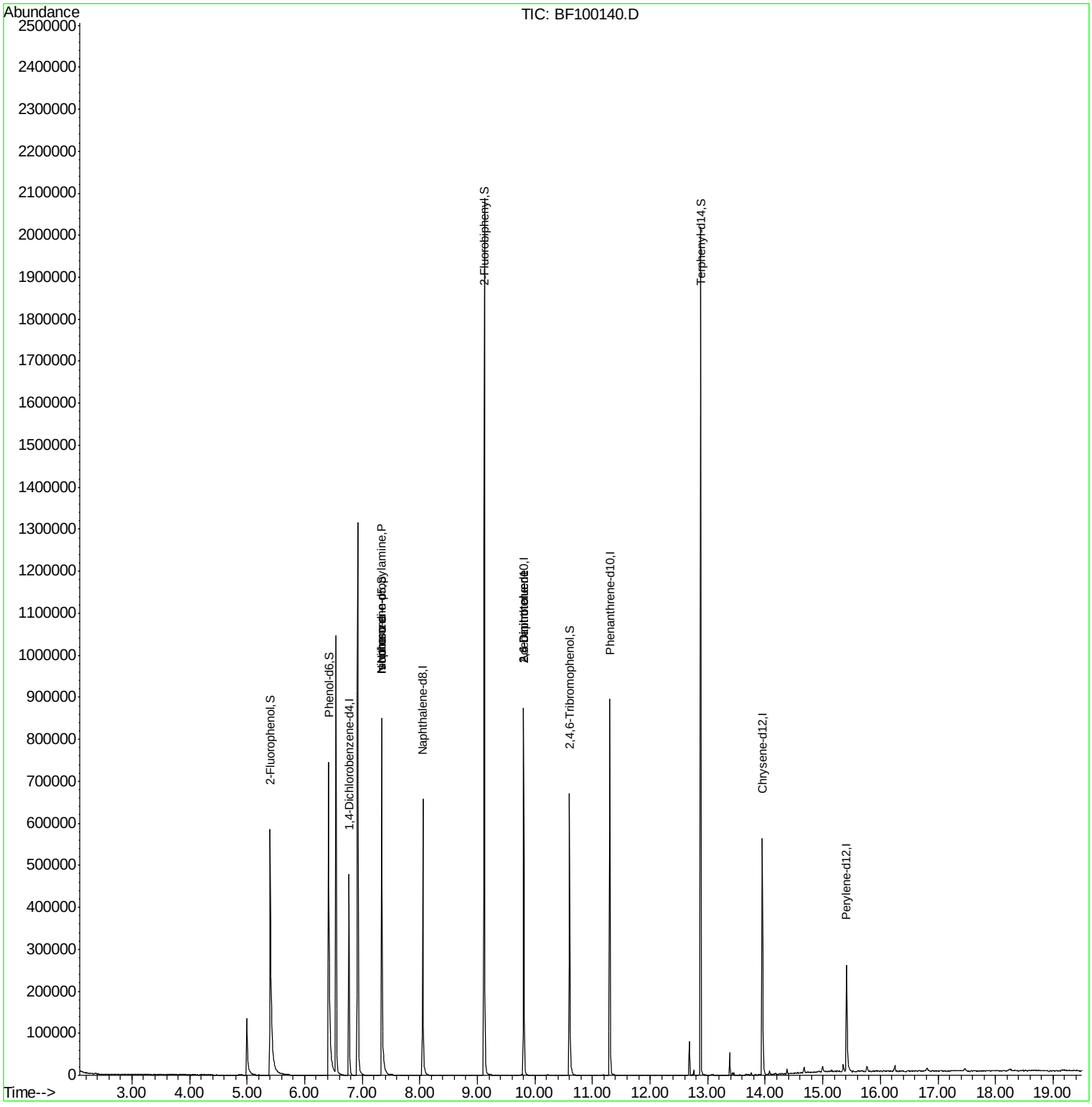
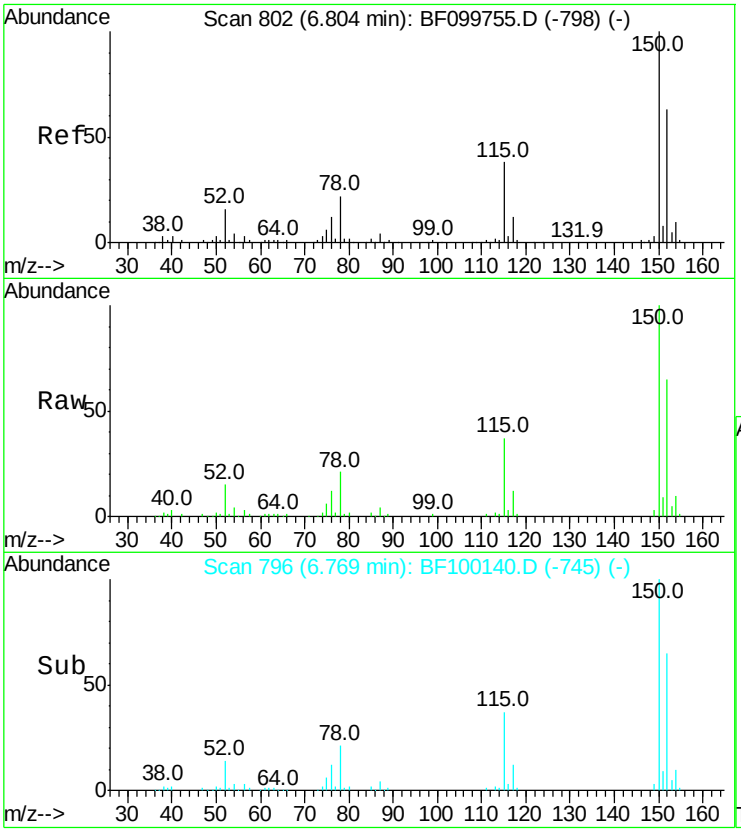


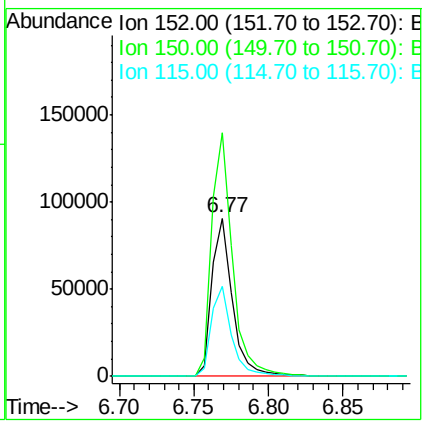


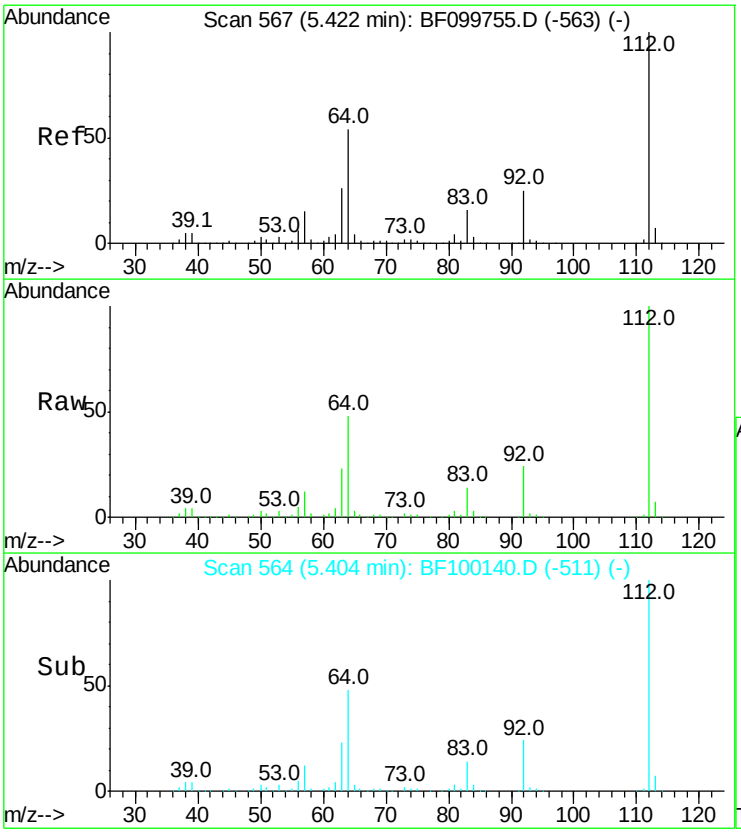
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87468

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	56.7	50.1	75.1

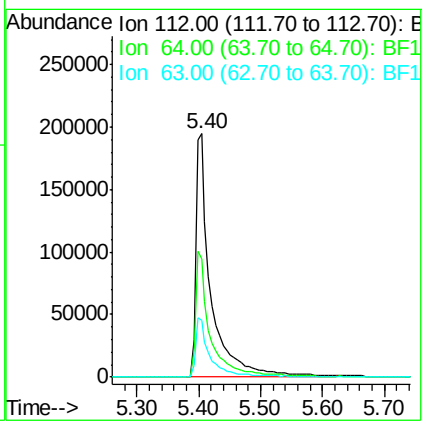


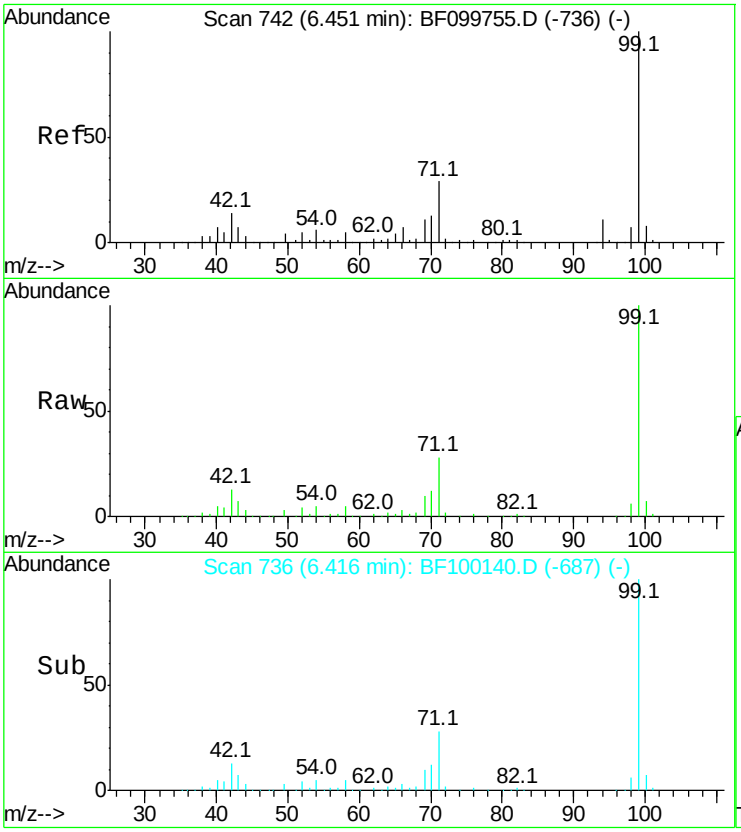


#5
2-Fluorophenol
Concen: 59.909 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:112 Resp: 333770

Ion	Ratio	Lower	Upper
112	100		
64	48.4	47.9	71.9
63	23.4	23.7	35.5#



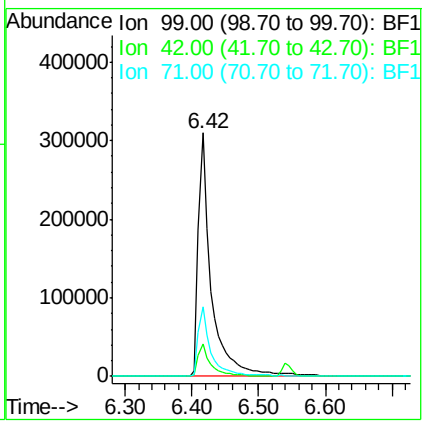


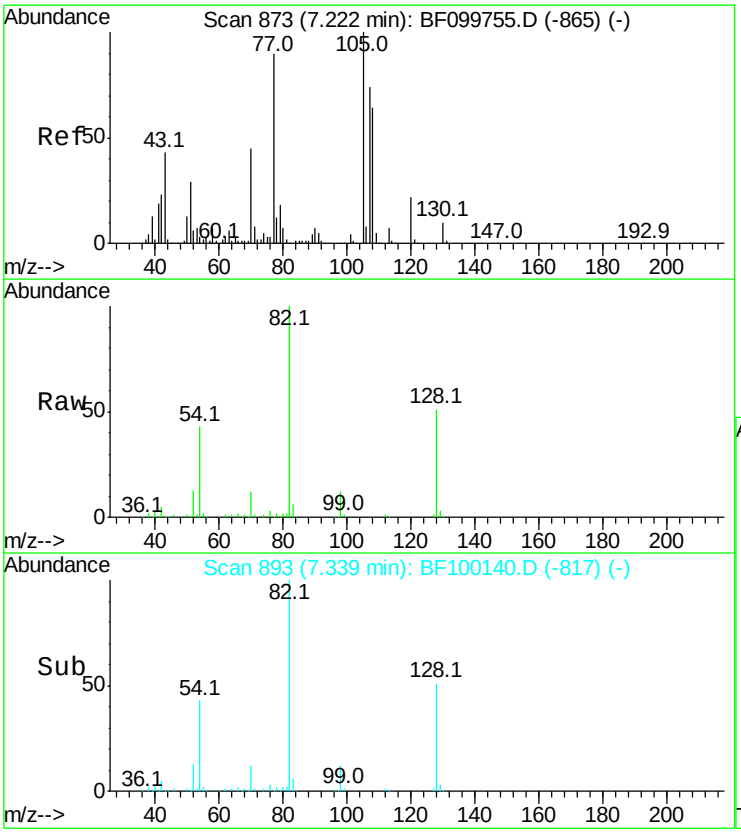
#7
Phenol-d6
Concen: 61.818 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 408373

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.5	21.7#
71	28.3	25.4	38.0

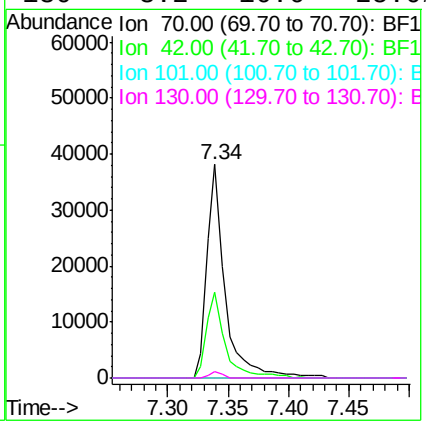


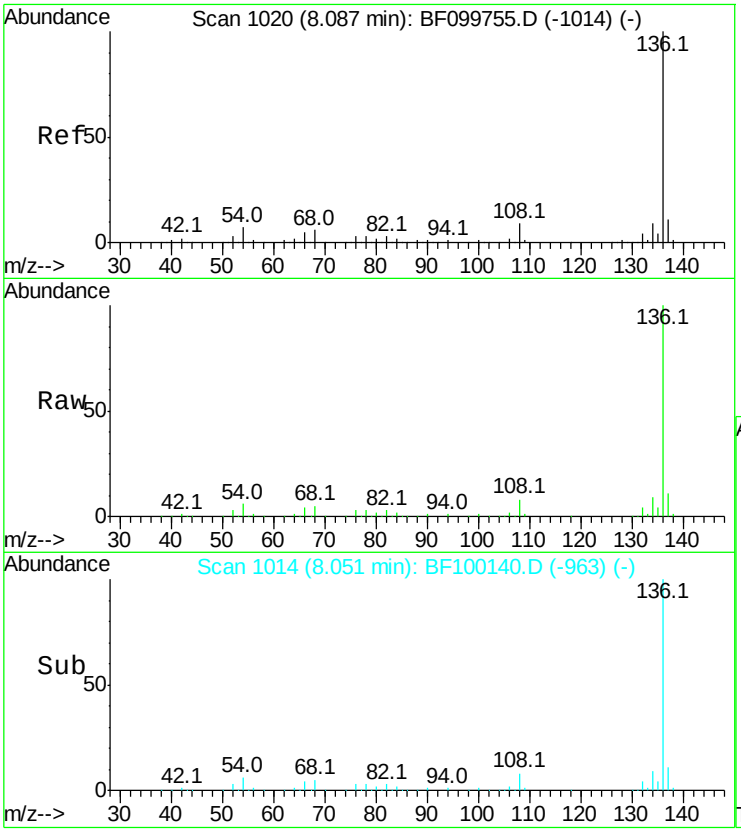


#19
n-Nitroso-di-n-propylamine
Concen: 10.303 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion: 70 Resp: 39887

Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.5	71.3#
101	0.0	7.4	11.2#
130	3.2	16.6	25.0#



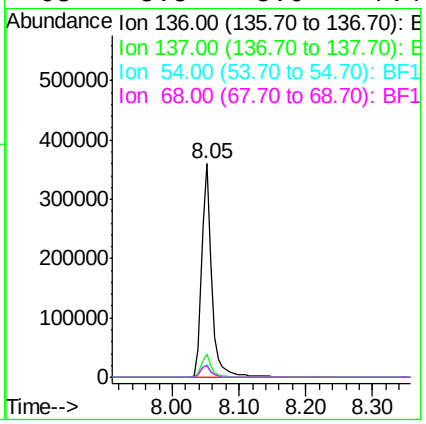


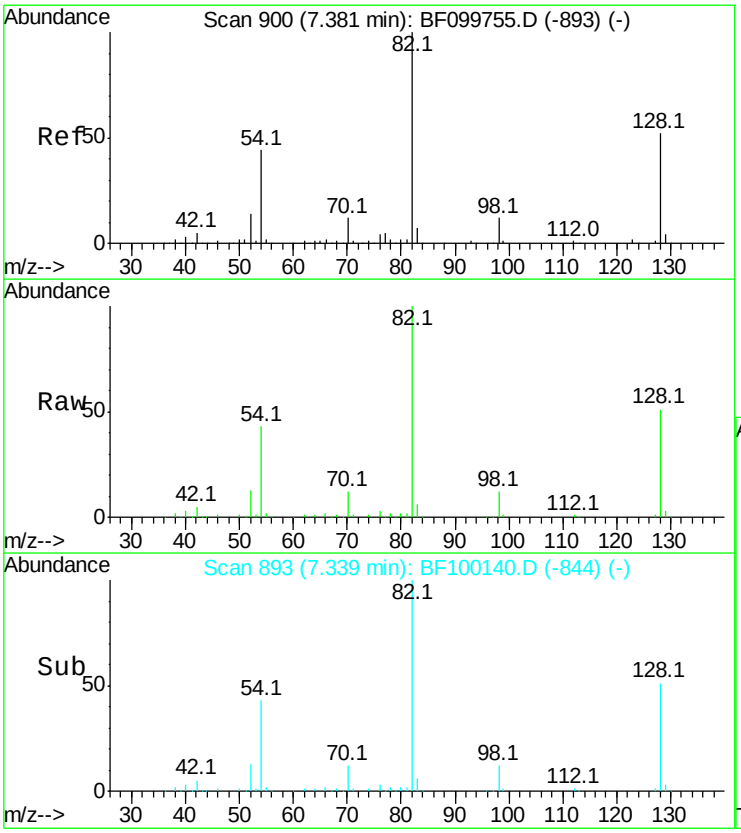
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 365018

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

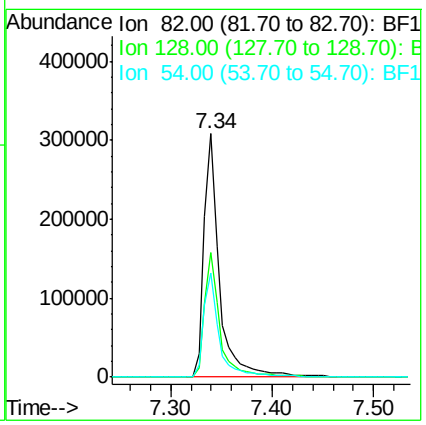


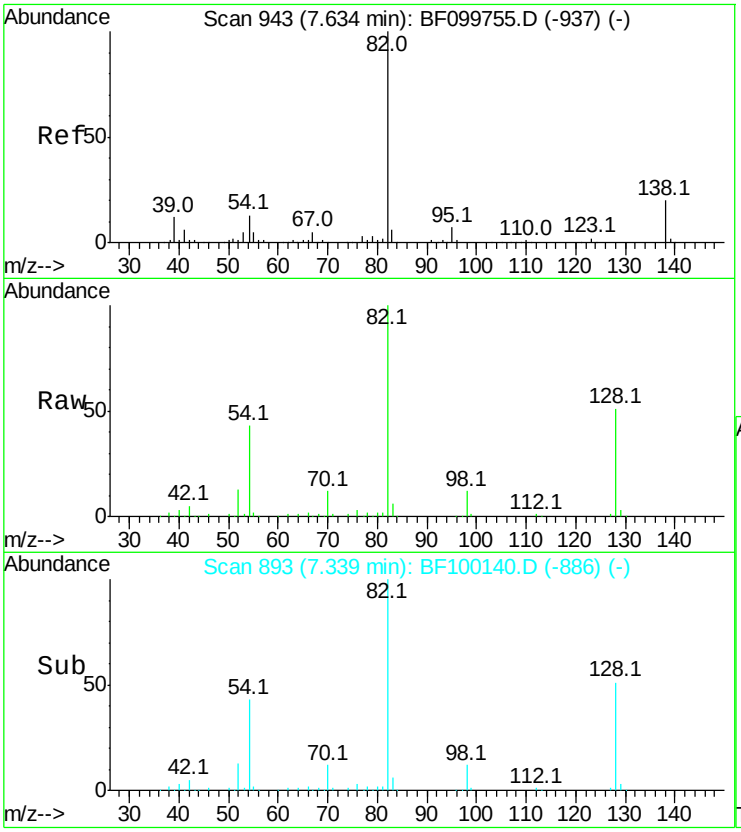


#23
Nitrobenzene-d5
Concen: 57.698 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion: 82 Resp: 327133

Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	42.8	41.4	62.2



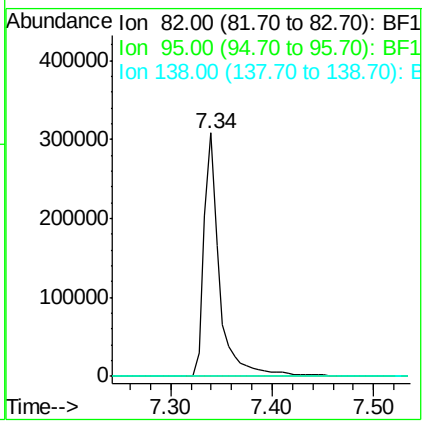


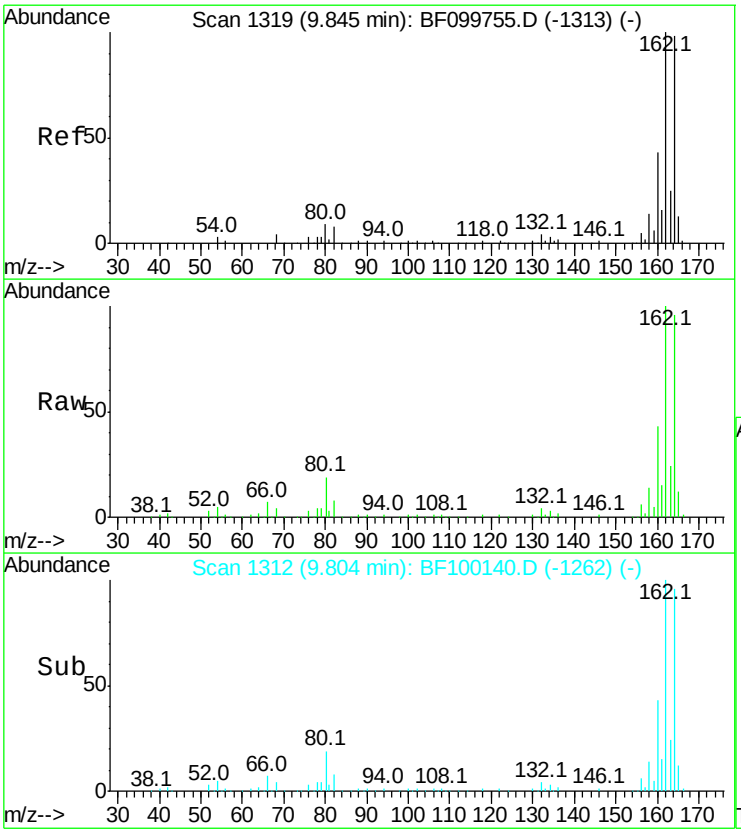
#25
Isophorone
Concen: 31.797 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 327133

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

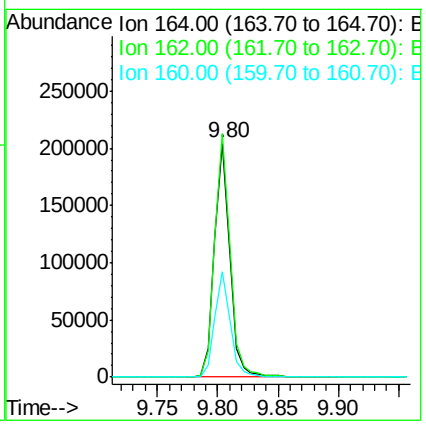


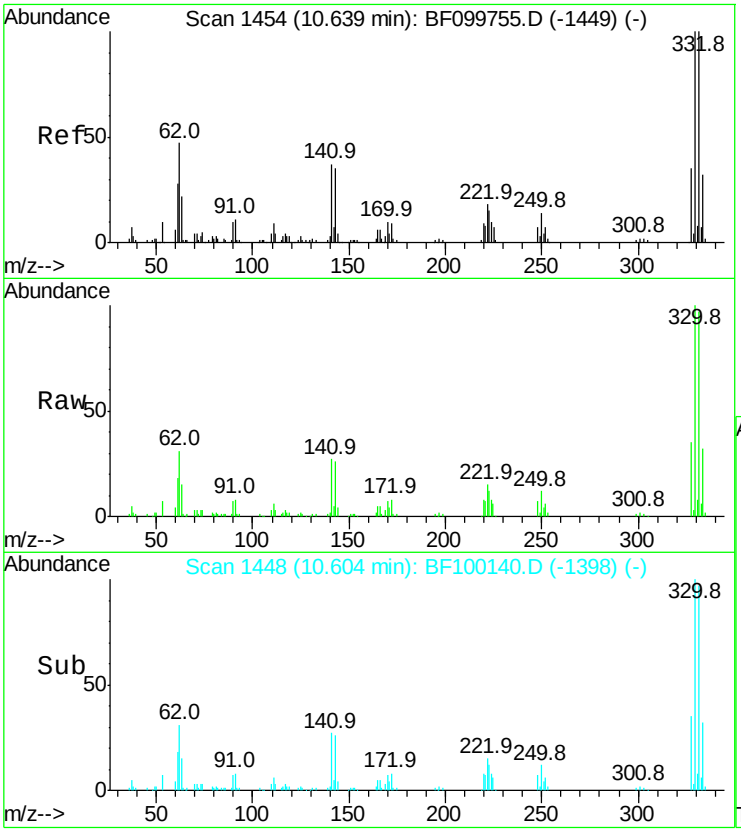


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:164 Resp: 178298

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.2	38.3	57.5



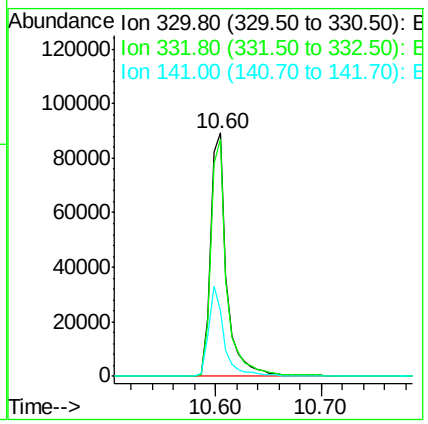


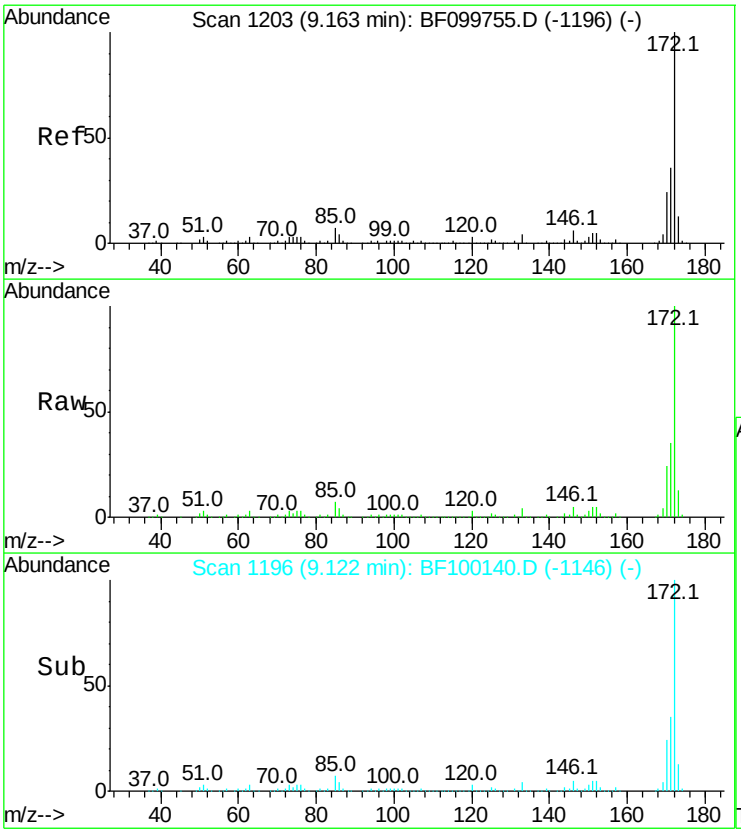
#41
2,4,6-Tribromophenol
Concen: 59.432 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 96568

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.6	29.9	44.9

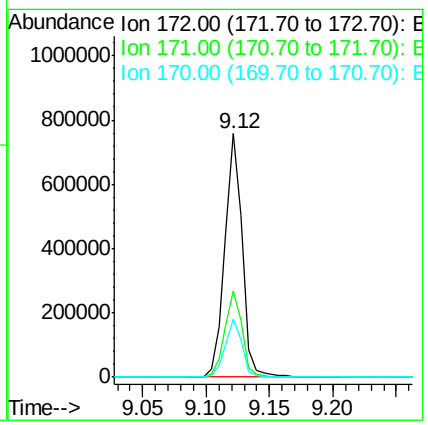


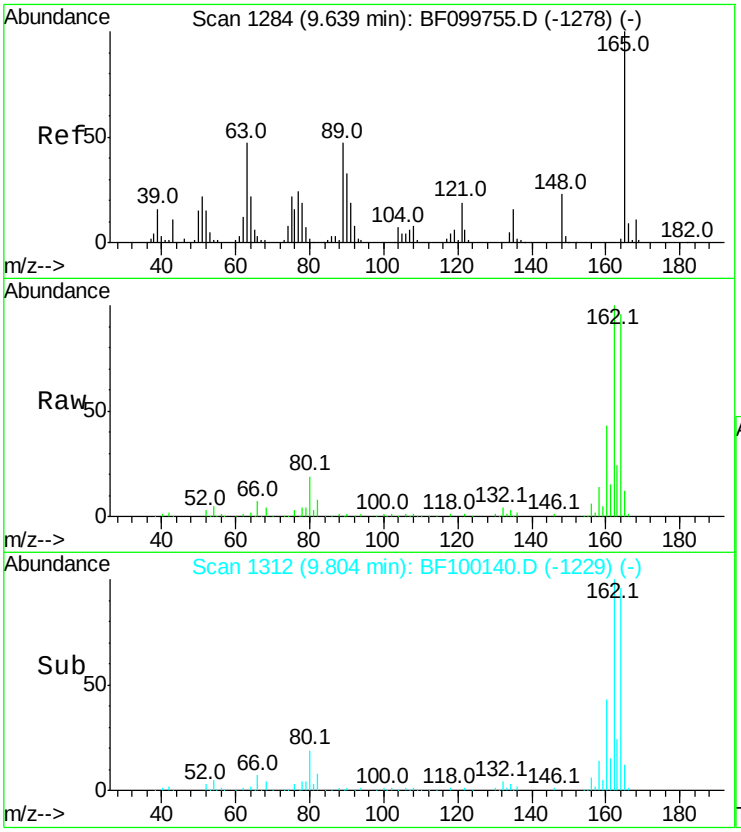


#44
2-Fluorobiphenyl
Concen: 62.345 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:172 Resp: 720487

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4



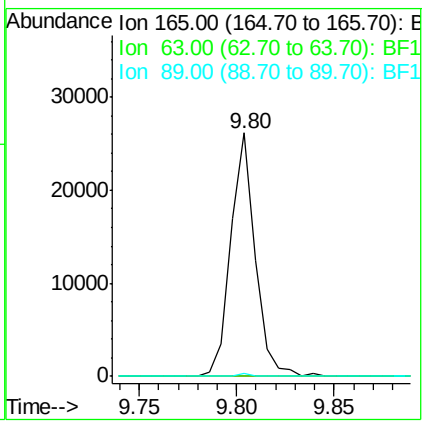


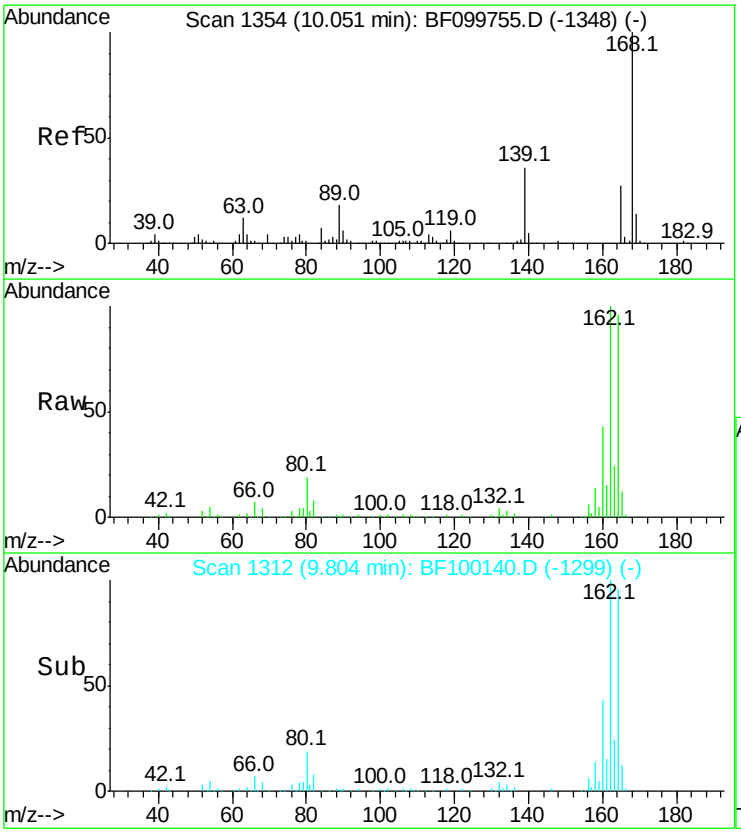
#50
2,6-Dinitrotoluene
Concen: 7.656 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22726

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#

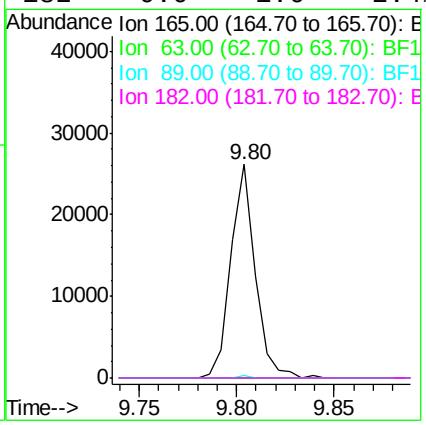


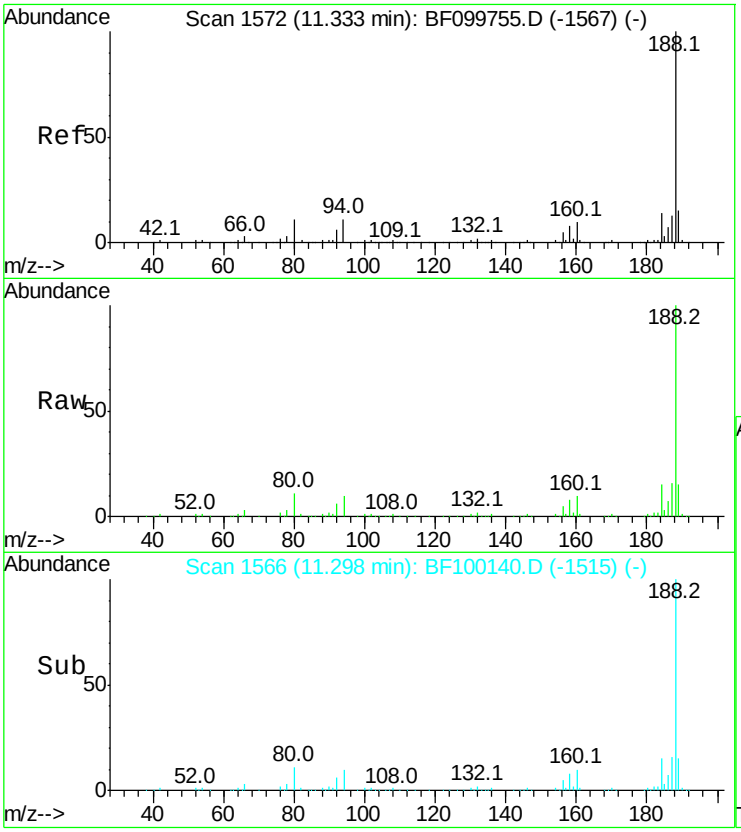


#56
2,4-Dinitrotoluene
Concen: 6.357 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.22 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:165 Resp: 22726

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



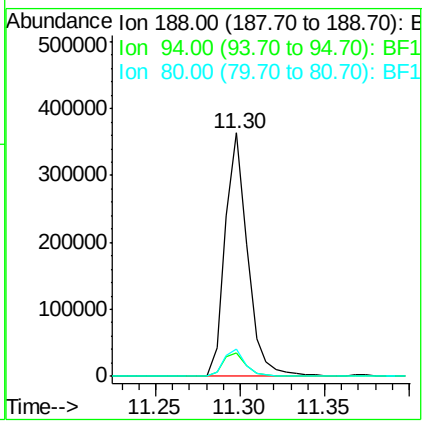


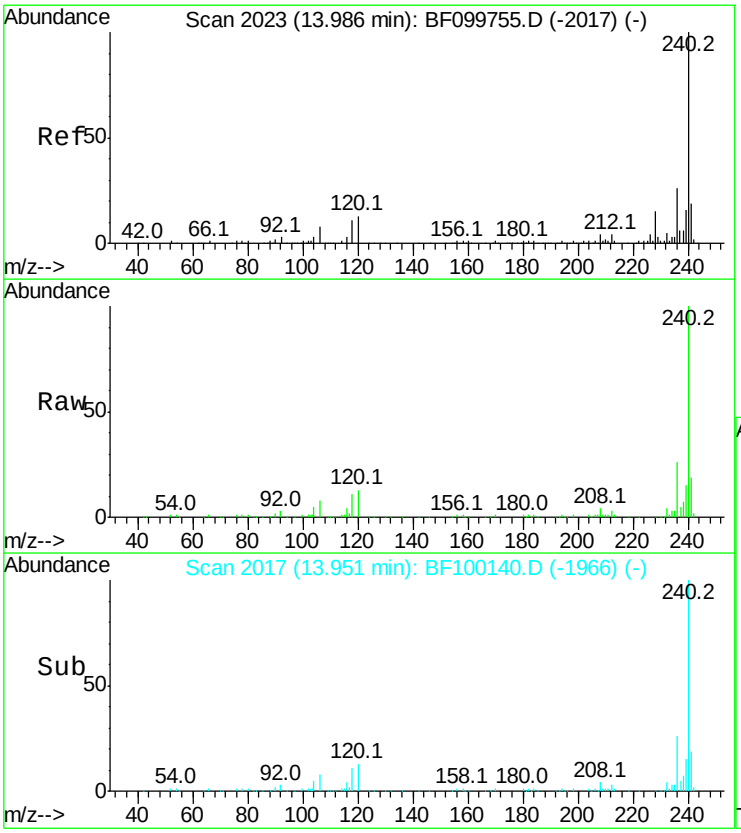
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 335091

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.1	9.2	13.8

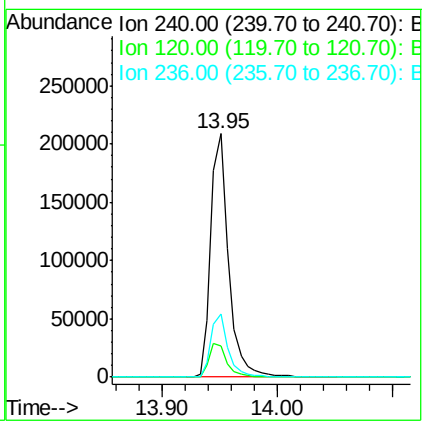


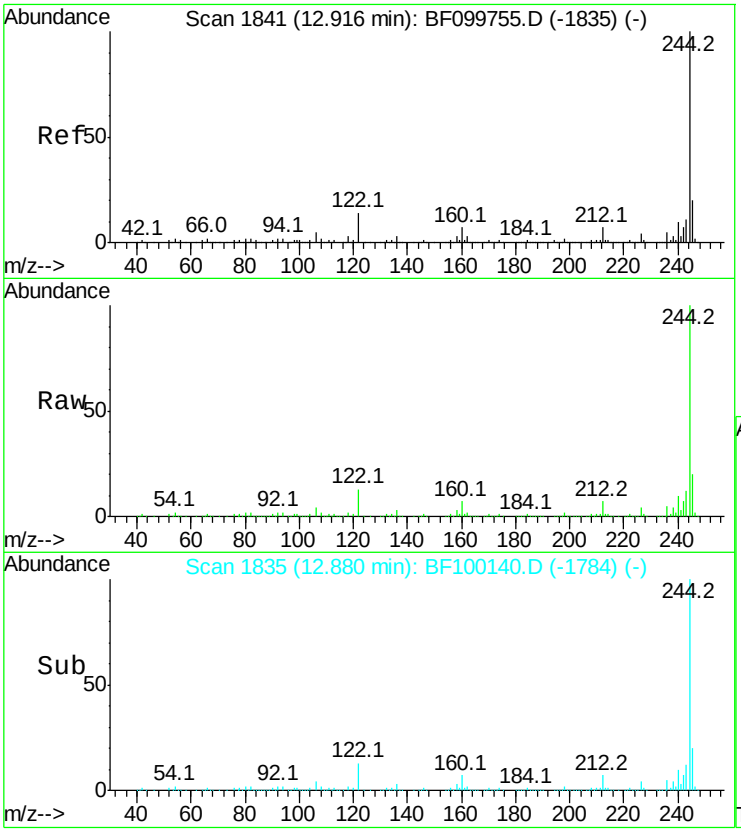


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:240 Resp: 223283

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.7	20.7	31.1



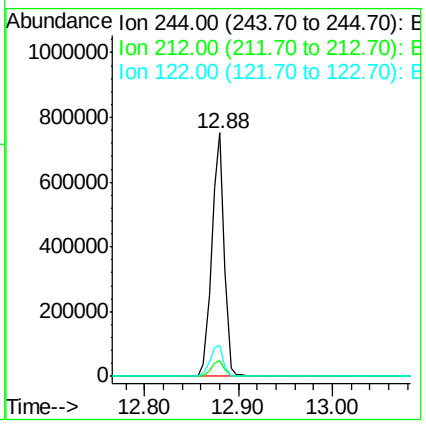


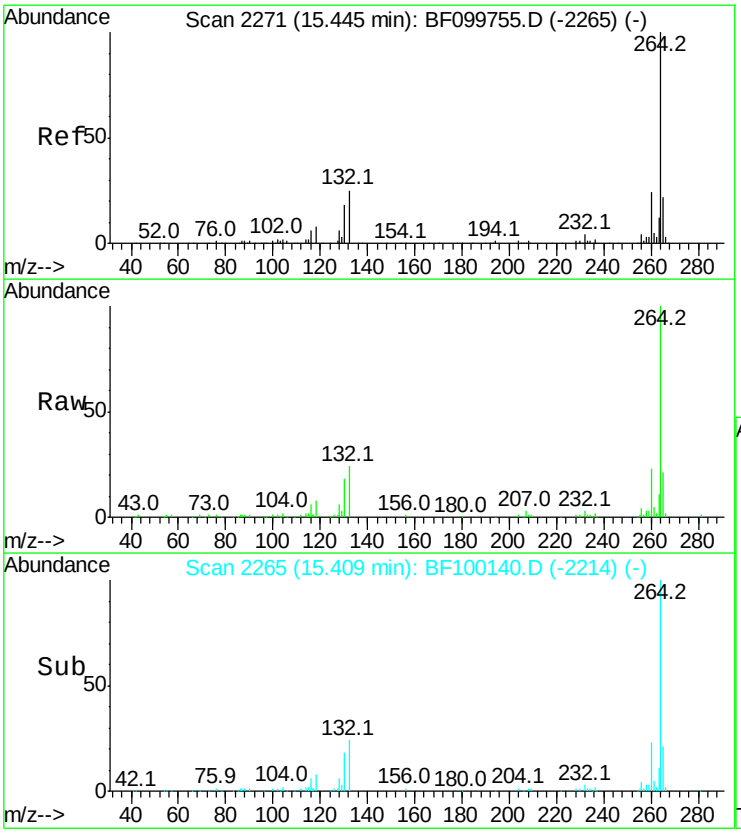
#78
Terphenyl-d14
Concen: 68.855 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 703505

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:264 Resp: 143357

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.1	17.5	26.3