Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100200.D
Acq On : 5 Nov 2017 1:33
Operator : SJ/JU
Sample : I6080-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 05 23:55:24 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	6.76	152	88614	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	370822	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	174569	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	327768	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	233456	20.00	ng		-0.01
86) Perylene-d12	15.40	264	156506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	748206	132.56	ng		0.01
7) Phenol-d6	6.42	99	805888	120.42	ng		-0.01
23) Nitrobenzene-d5	7.33	82	540105	93.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	232371	146.06	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	1069581	94.53	ng		-0.01
78) Terphenyl-d14	12.87	244	1028503	96.28	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	13682	3.421	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	66474	16.949	ng	#	71
25) Isophorone	7.33	82	540105	51.676	ng	#	64
50) 2,6-Dinitrotoluene	9.80	165	22173	7.630	ng	#	24
56) 2,4-Dinitrotoluene	9.80	165	22173	6.335	ng	#	21
66) 4-Bromophenyl-phenylether	10.60	248	15077	4.369	ng	#	1

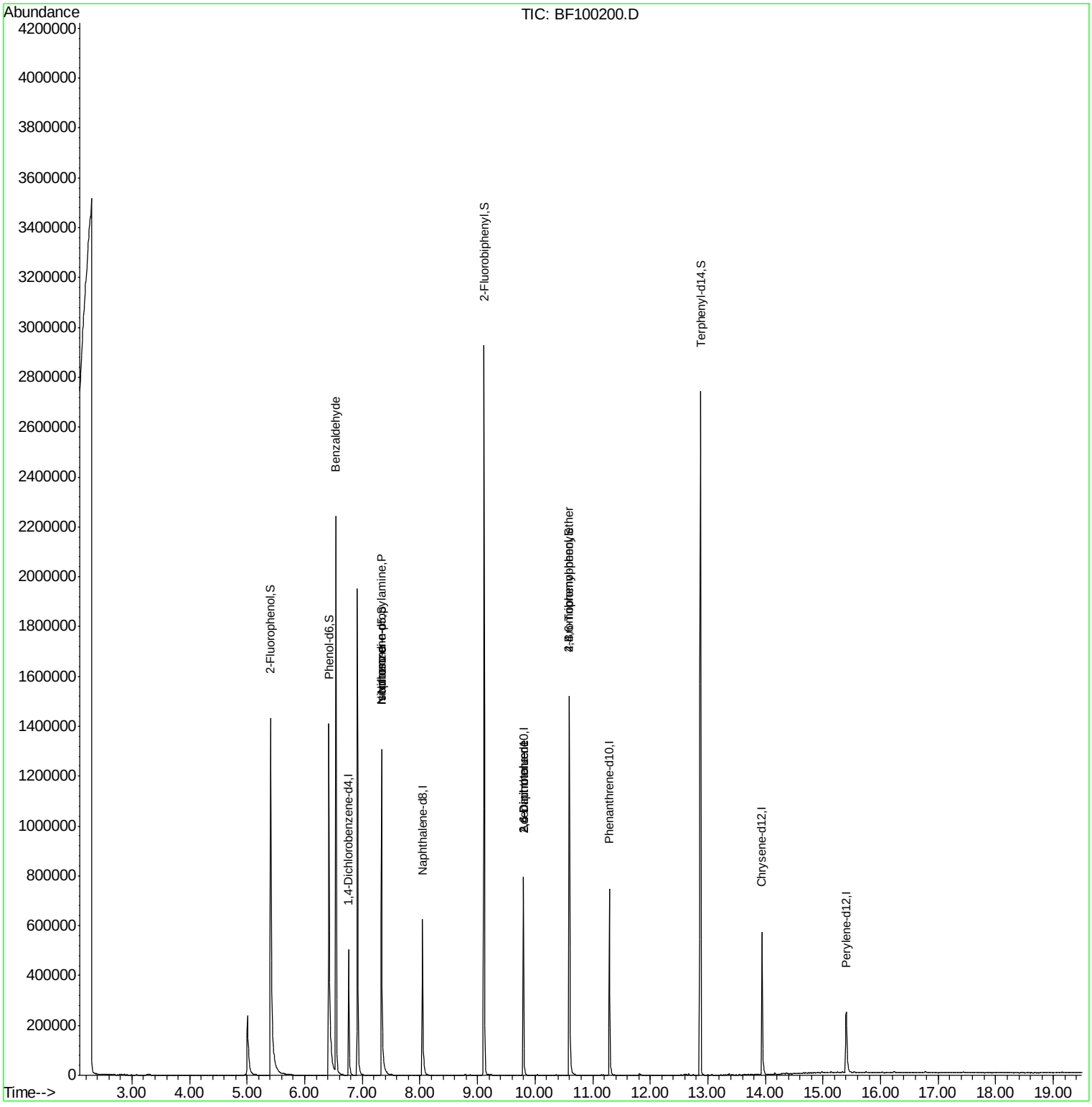
(#) = qualifier out of range (m) = manual integration (+) = signals summed

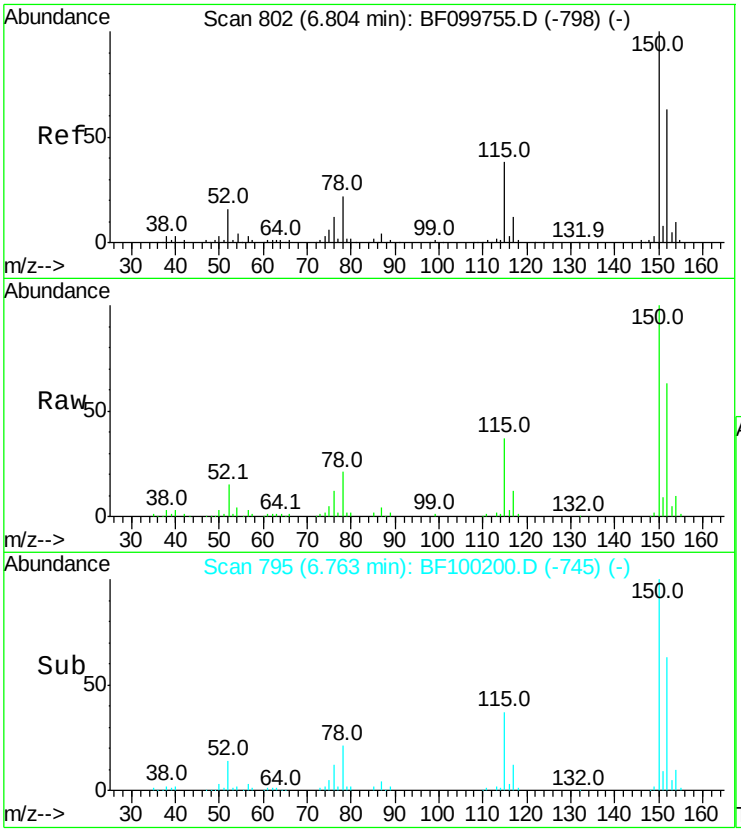
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100200.D
Acq On : 5 Nov 2017 1:33
Operator : SJ/JU
Sample : I6080-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 23:55:24 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



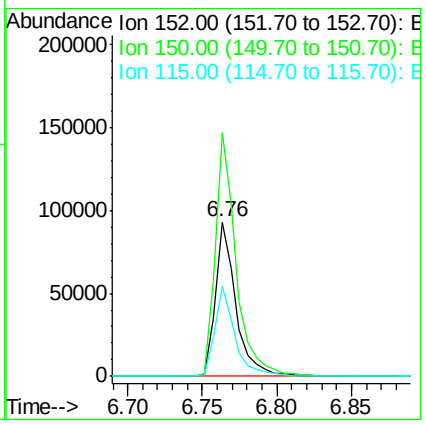


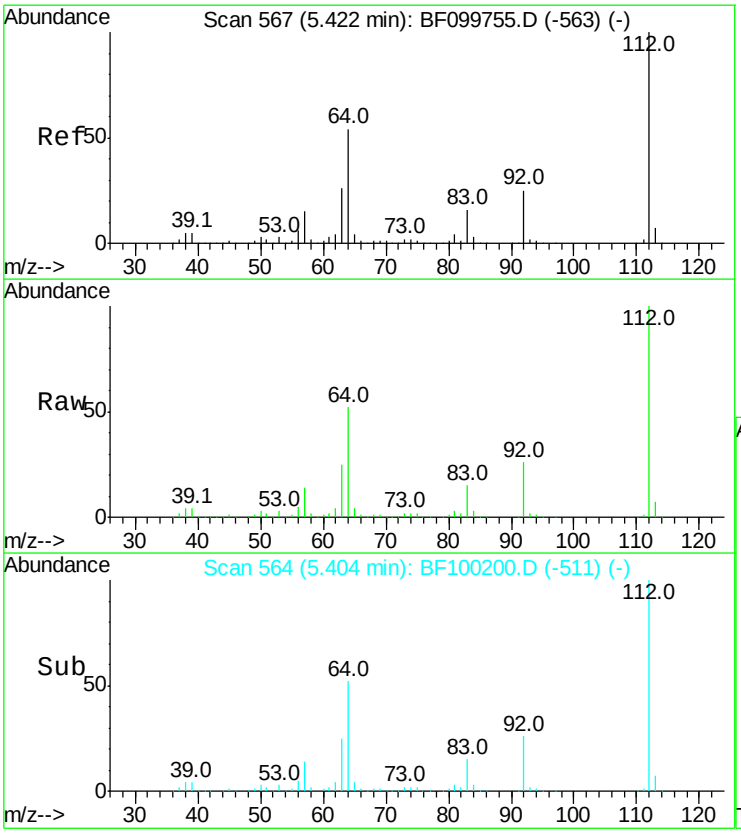
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 88614

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	58.6	50.1	75.1

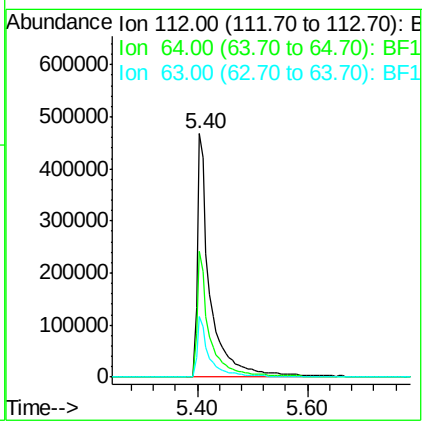


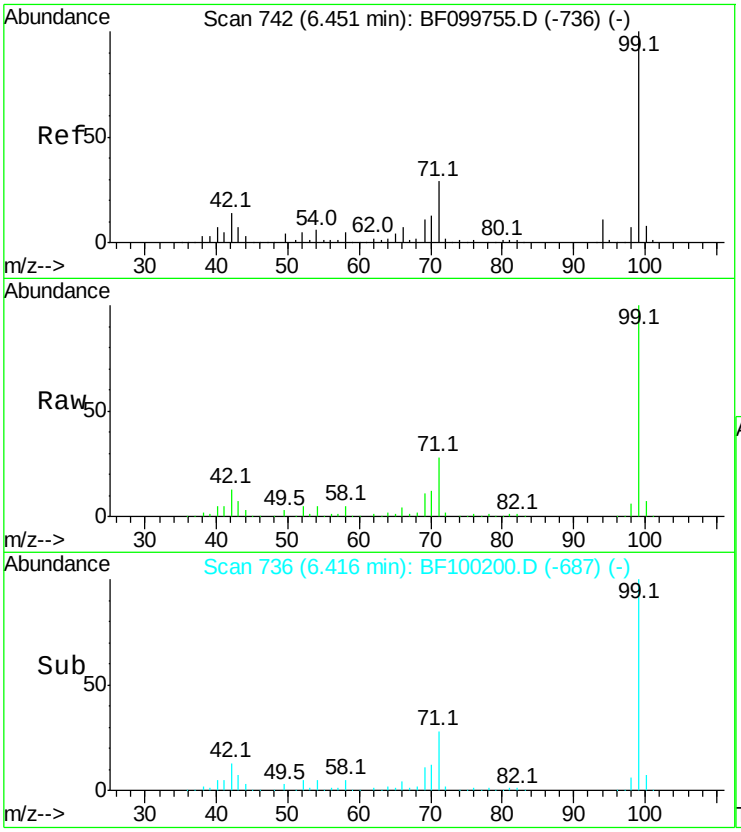


#5
2-Fluorophenol
Concen: 132.559 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:112 Resp: 748206

Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	24.9	23.7	35.5



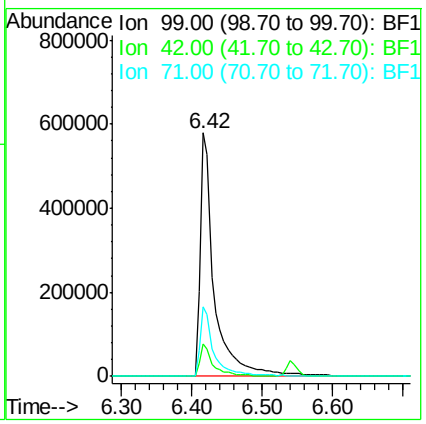


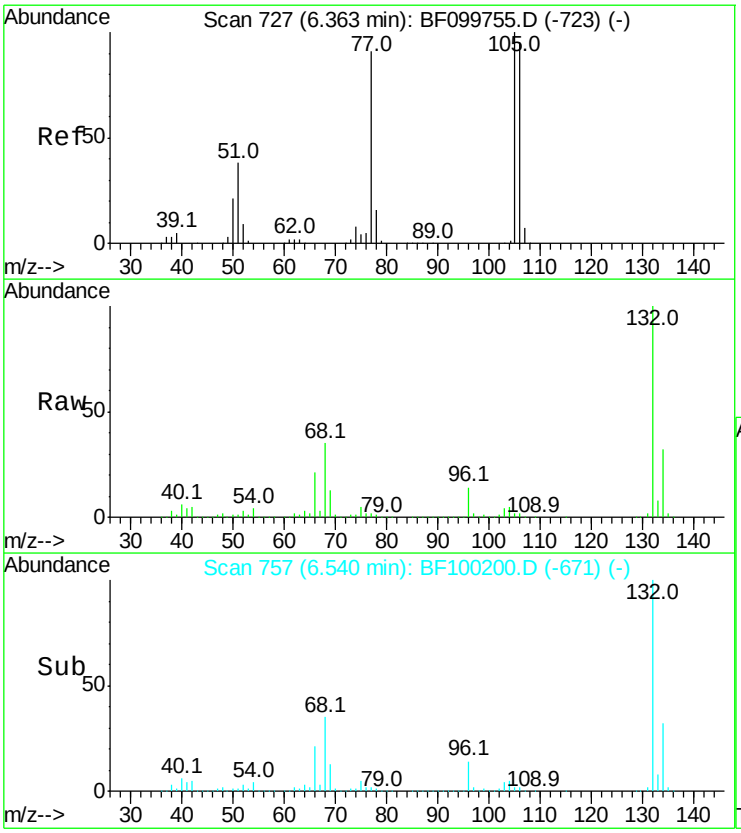
#7
Phenol-d6
Concen: 120.415 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 805888

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	28.4	25.4	38.0

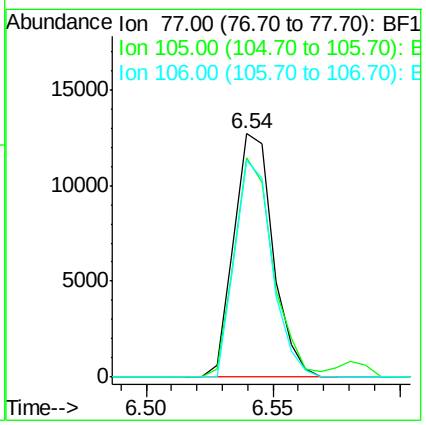


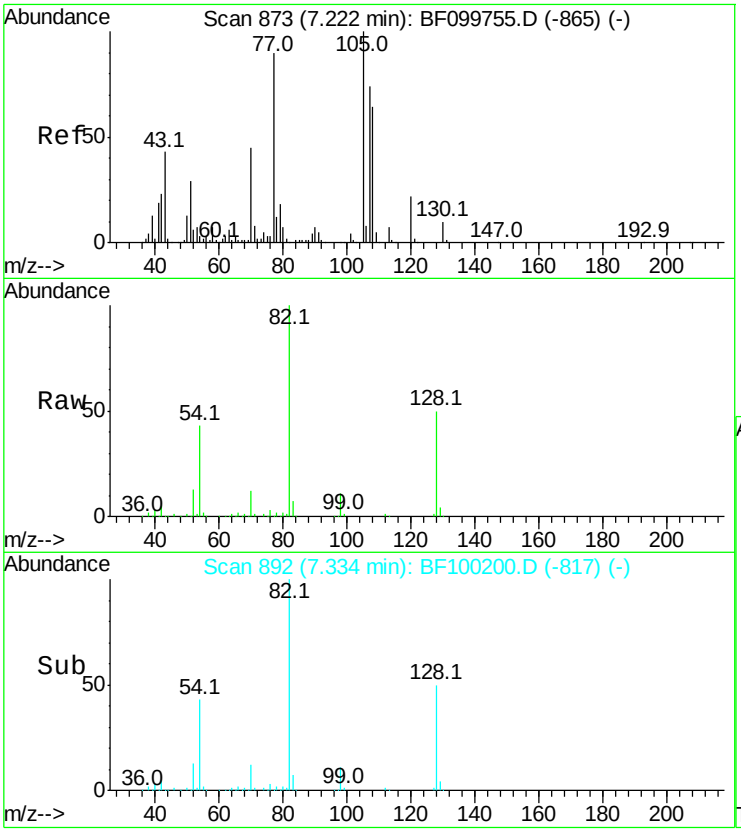


#9
Benzaldehyde
Concen: 3.421 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.21 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion: 77 Resp: 13682

Ion	Ratio	Lower	Upper
77	100		
105	89.9	81.1	121.1
106	89.2	74.5	114.5



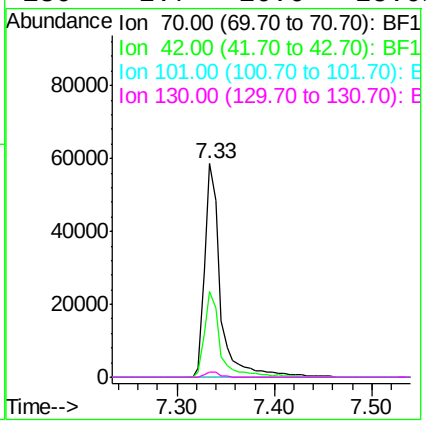


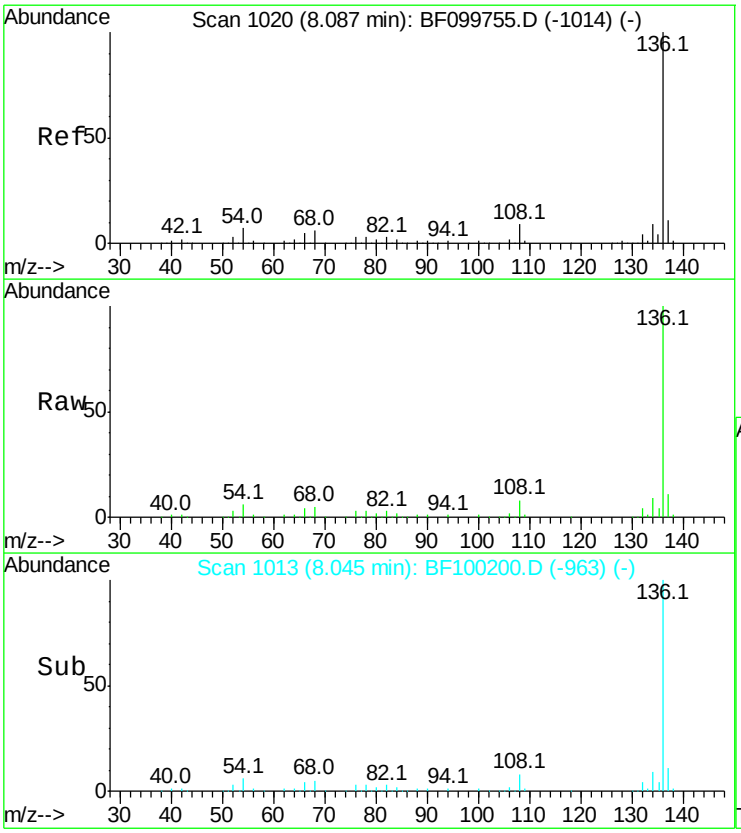
#19
n-Nitroso-di-n-propylamine
Concen: 16.949 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66474

Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

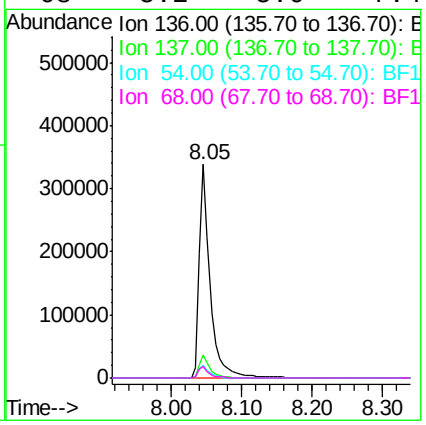


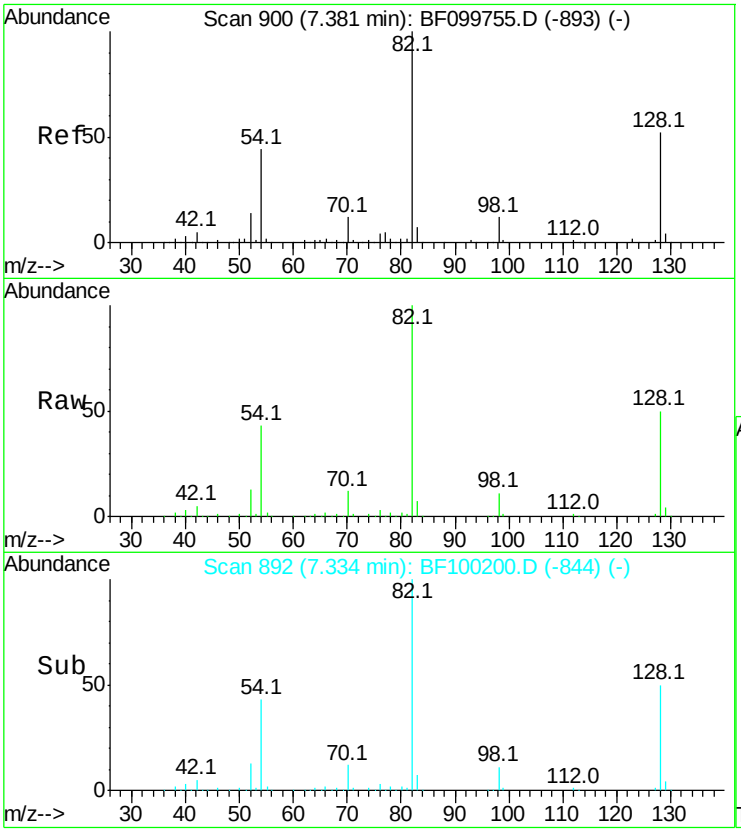


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:136 Resp: 370822

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.2	6.6	9.8#
68	5.2	5.0	7.4

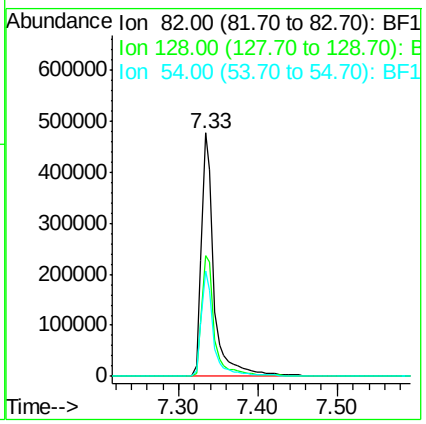




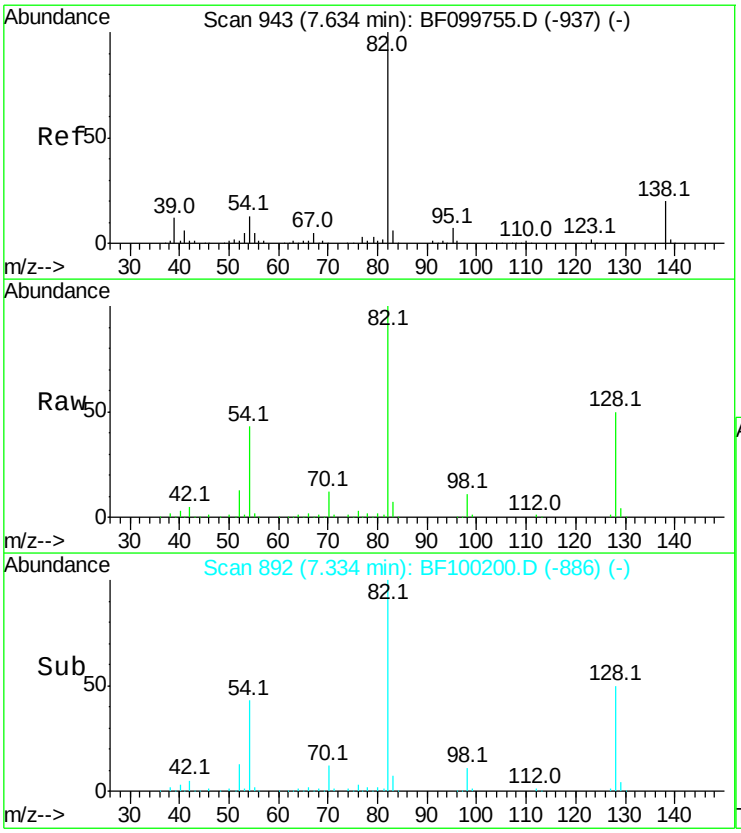
#23
Nitrobenzene-d5
Concen: 93.771 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion: 82 Resp: 540105

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	43.2	41.4	62.2



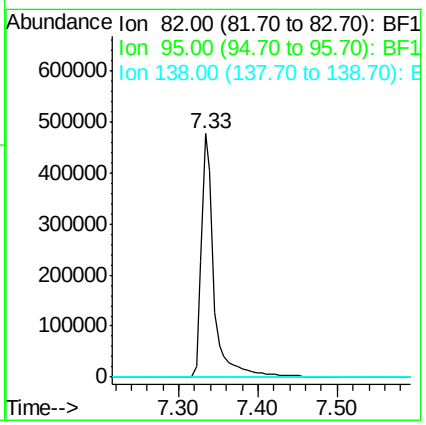
Instrument :
BNA_F
ClientSampleId :

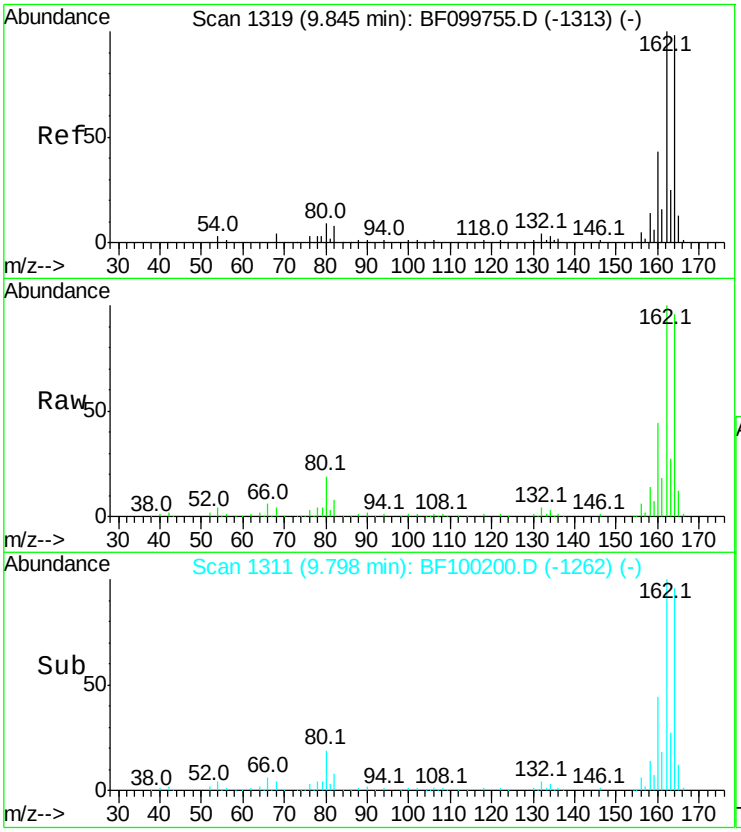


#25
Isophorone
Concen: 51.676 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion: 82 Resp: 540105

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

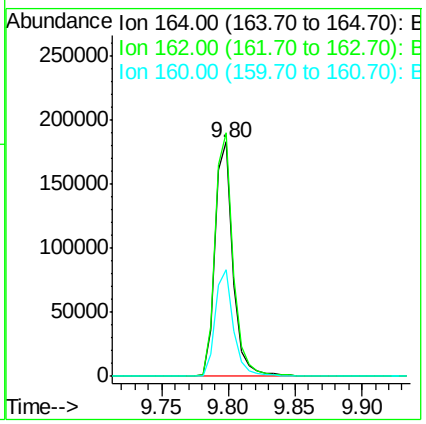




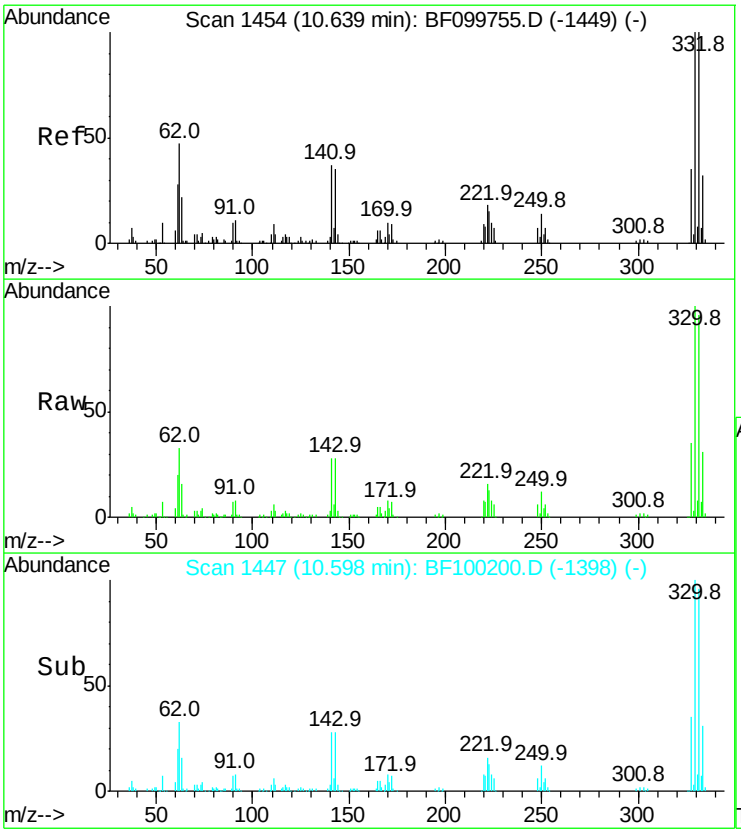
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:164 Resp: 174569

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.5	38.3	57.5



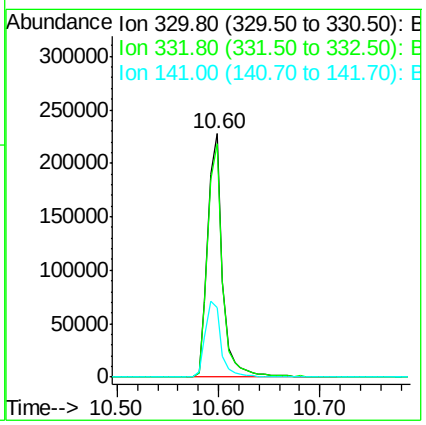
Instrument :
BNA_F
ClientSampleId :

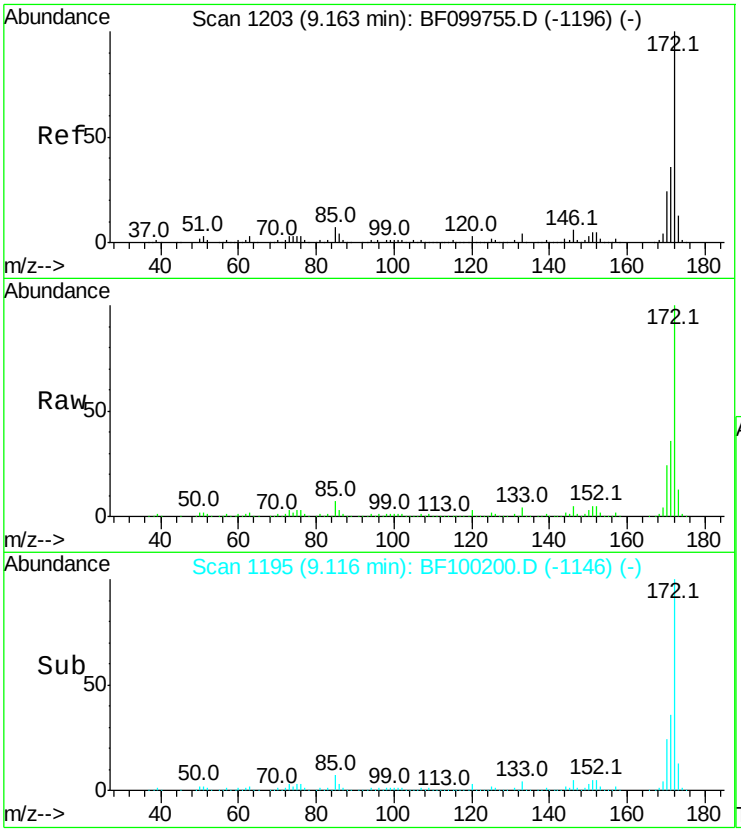


#41
2,4,6-Tribromophenol
Concen: 146.065 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:330 Resp: 232371

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.3	29.9	44.9



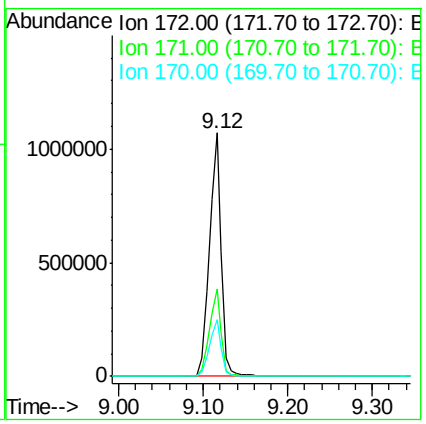


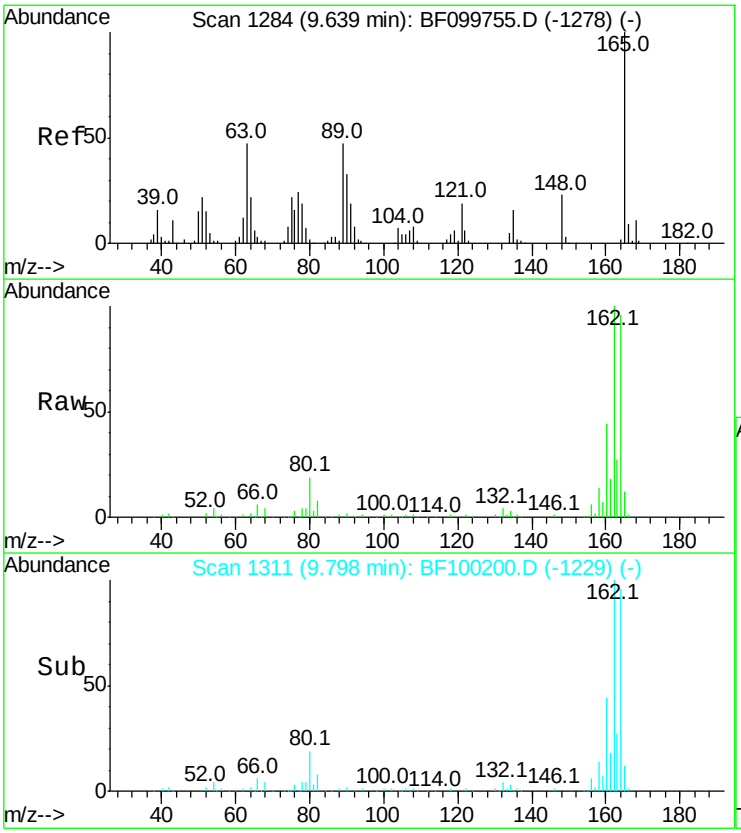
#44
2-Fluorobiphenyl
Concen: 94.529 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1069581

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

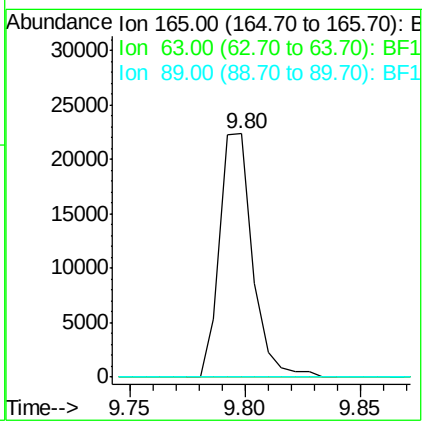


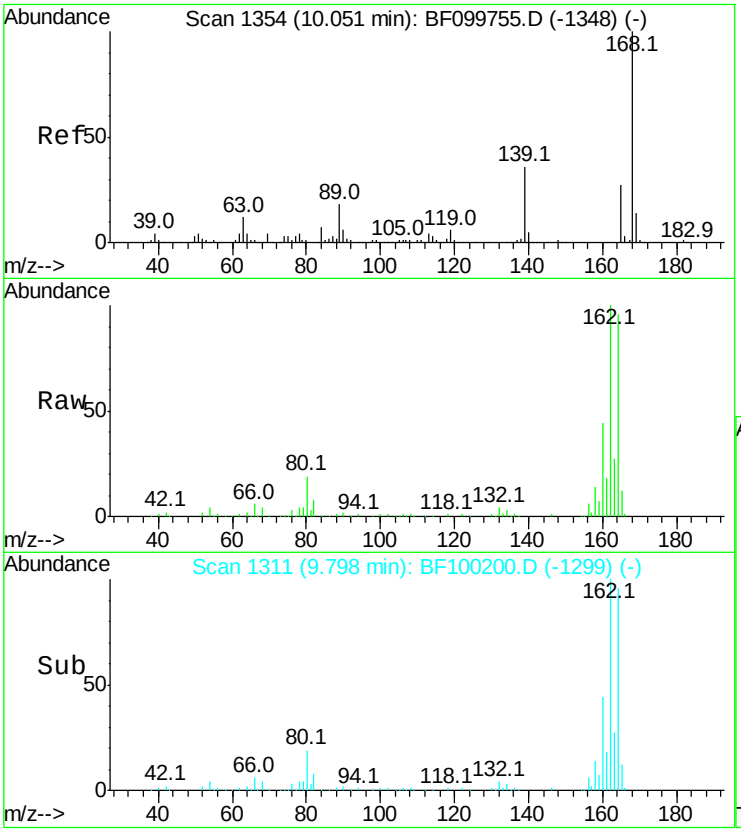


#50
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.18 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:165 Resp: 22173

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



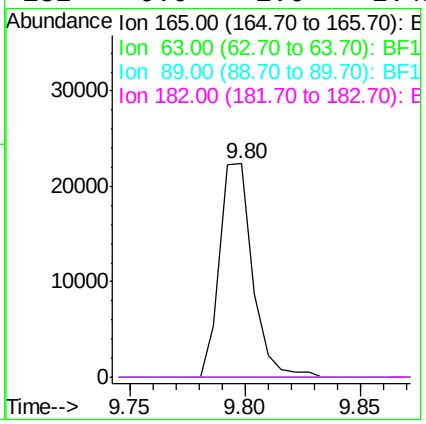


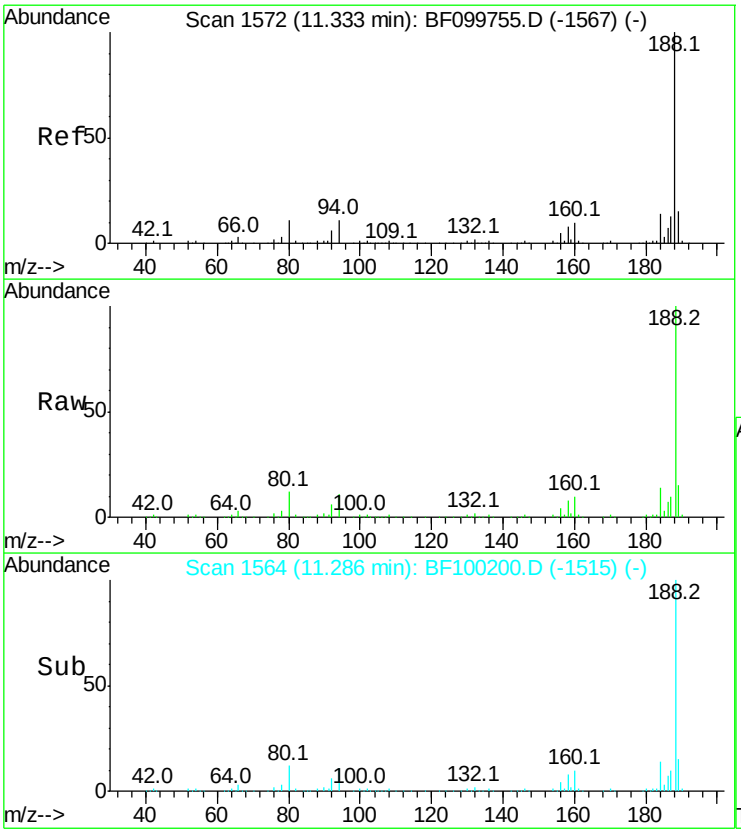
#56
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22173

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#

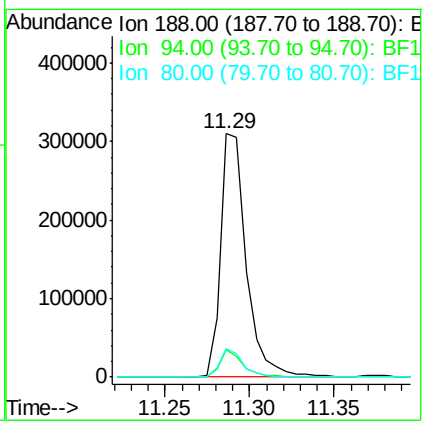


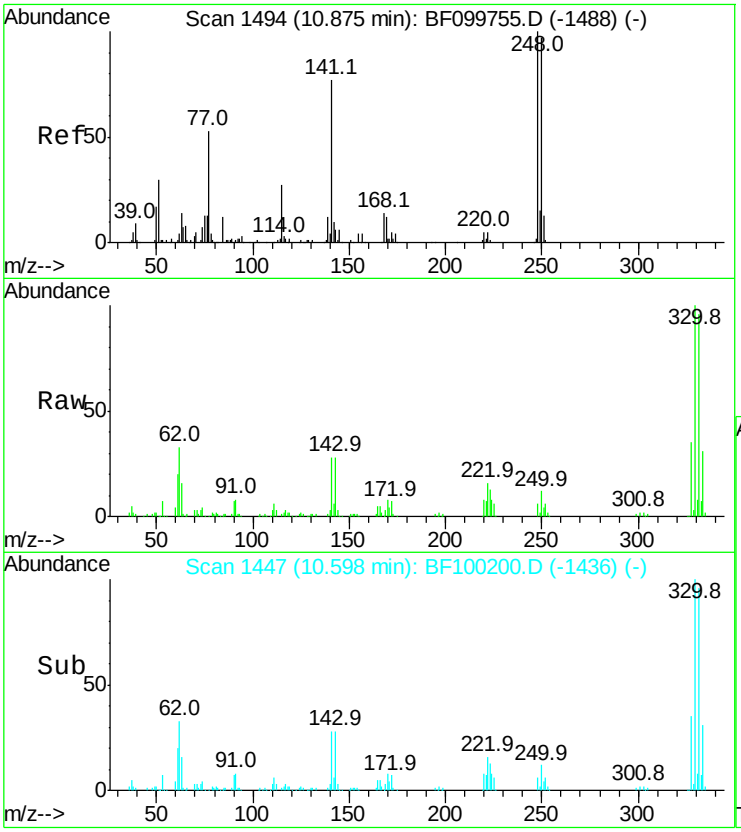


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:188 Resp: 327768

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8



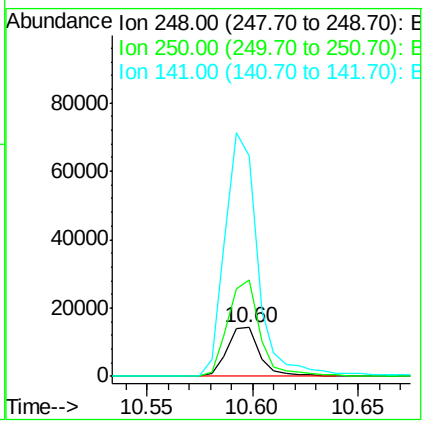


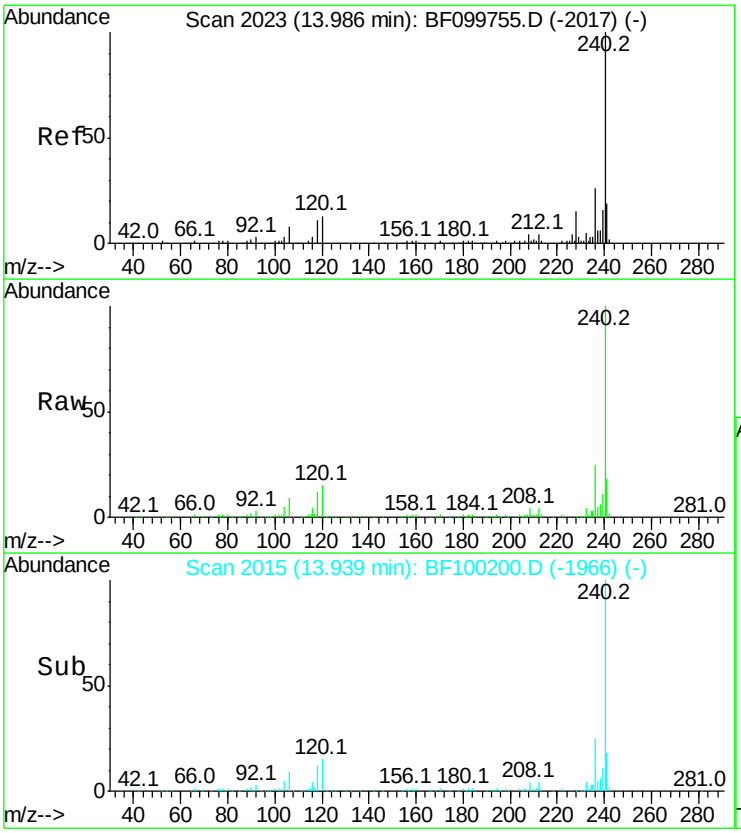
#66
4-Bromophenyl-phenylether
Concen: 4.369 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.24 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15077

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.9	115.3#
141	456.2	74.4	111.6#

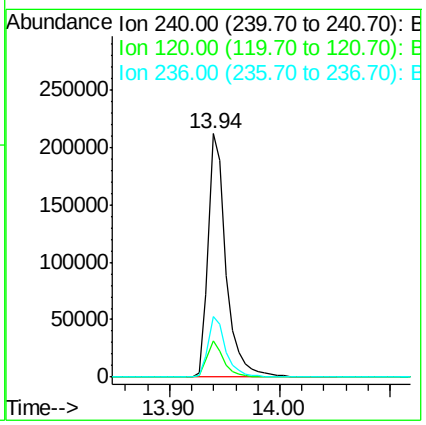


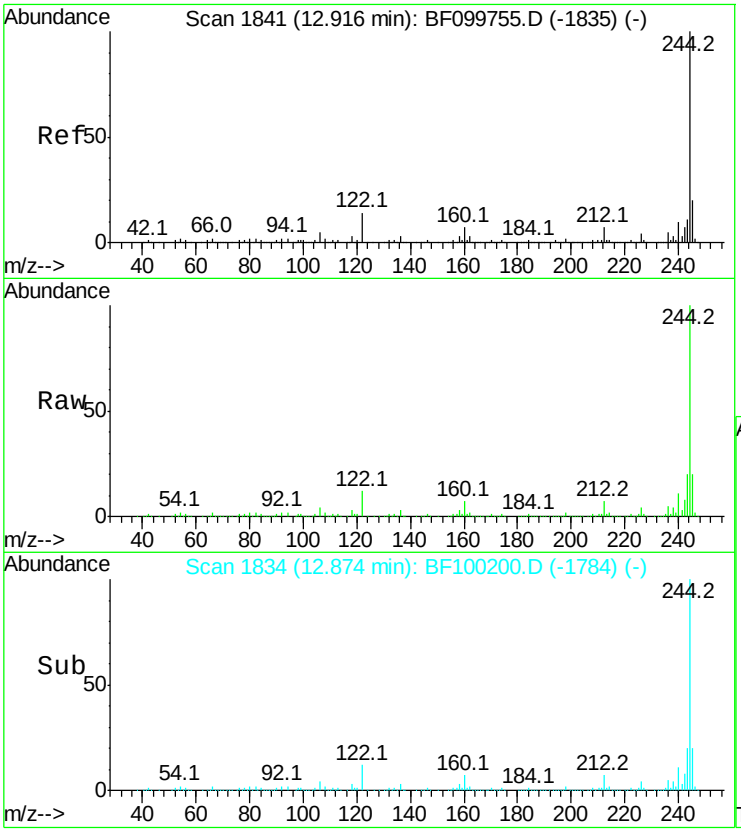


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:240 Resp: 233456

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	24.7	20.7	31.1



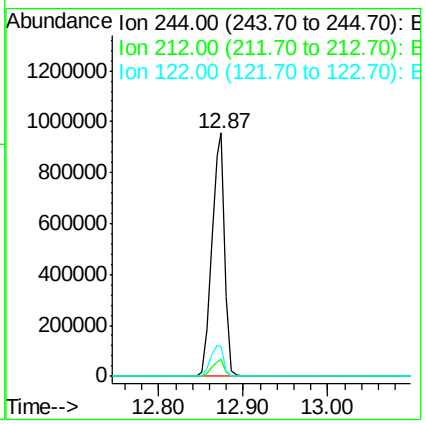


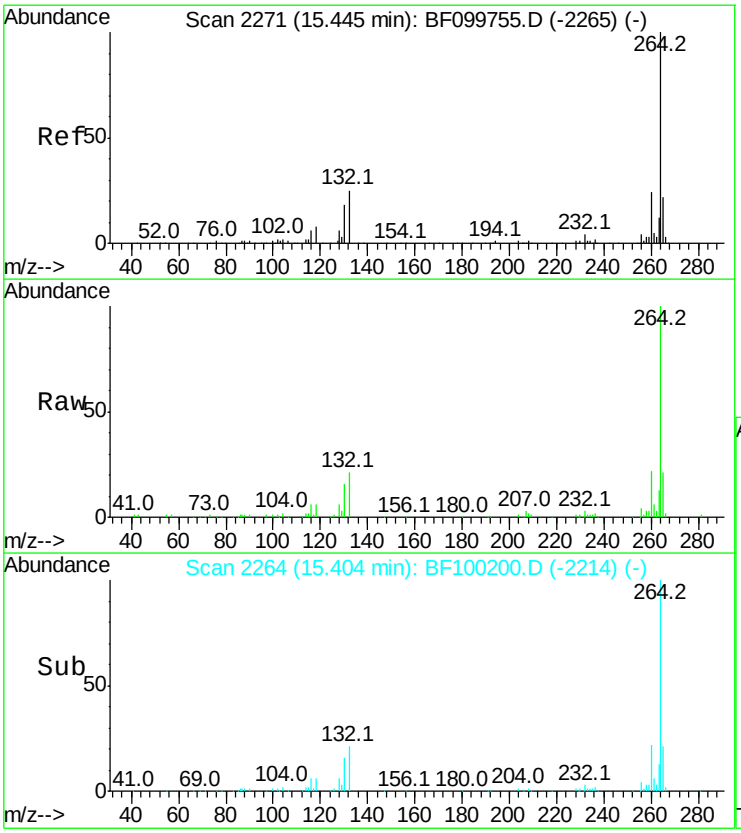
#78
Terphenyl-d14
Concen: 96.278 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1028503

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF100200.D
Acq: 5 Nov 2017 1:33

Tgt Ion:264 Resp: 156506

Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.2	28.8
265	21.2	17.5	26.3