Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100213.D
Acq On : 5 Nov 2017 7:18
Operator : SJ/JU
Sample : I6327-12
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 05 23:58:37 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	92356	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	382708	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	185356	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	339435	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	210663	20.00	ng		-0.01
86) Perylene-d12	15.40	264	148275	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	251410	42.74	ng		0.01
7) Phenol-d6	6.43	99	210837	30.23	ng		0.00
23) Nitrobenzene-d5	7.34	82	548458	92.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	159733	94.56	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	1083917	90.22	ng		-0.01
78) Terphenyl-d14	12.87	244	1030015	106.85	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	8537	2.048	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	66438	16.253	ng	#	73
25) Isophorone	7.34	82	548458	50.846	ng	#	64
50) 2,6-Dinitrotoluene	9.80	165	23494	7.614	ng	#	24
56) 2,4-Dinitrotoluene	9.80	165	23494	6.322	ng	#	21
66) 4-Bromophenyl-phenylether	10.59	248	9758	2.731	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 : BF100213.D
Acq On : 5 Nov 2017 7:18
Operator : SJ/JU
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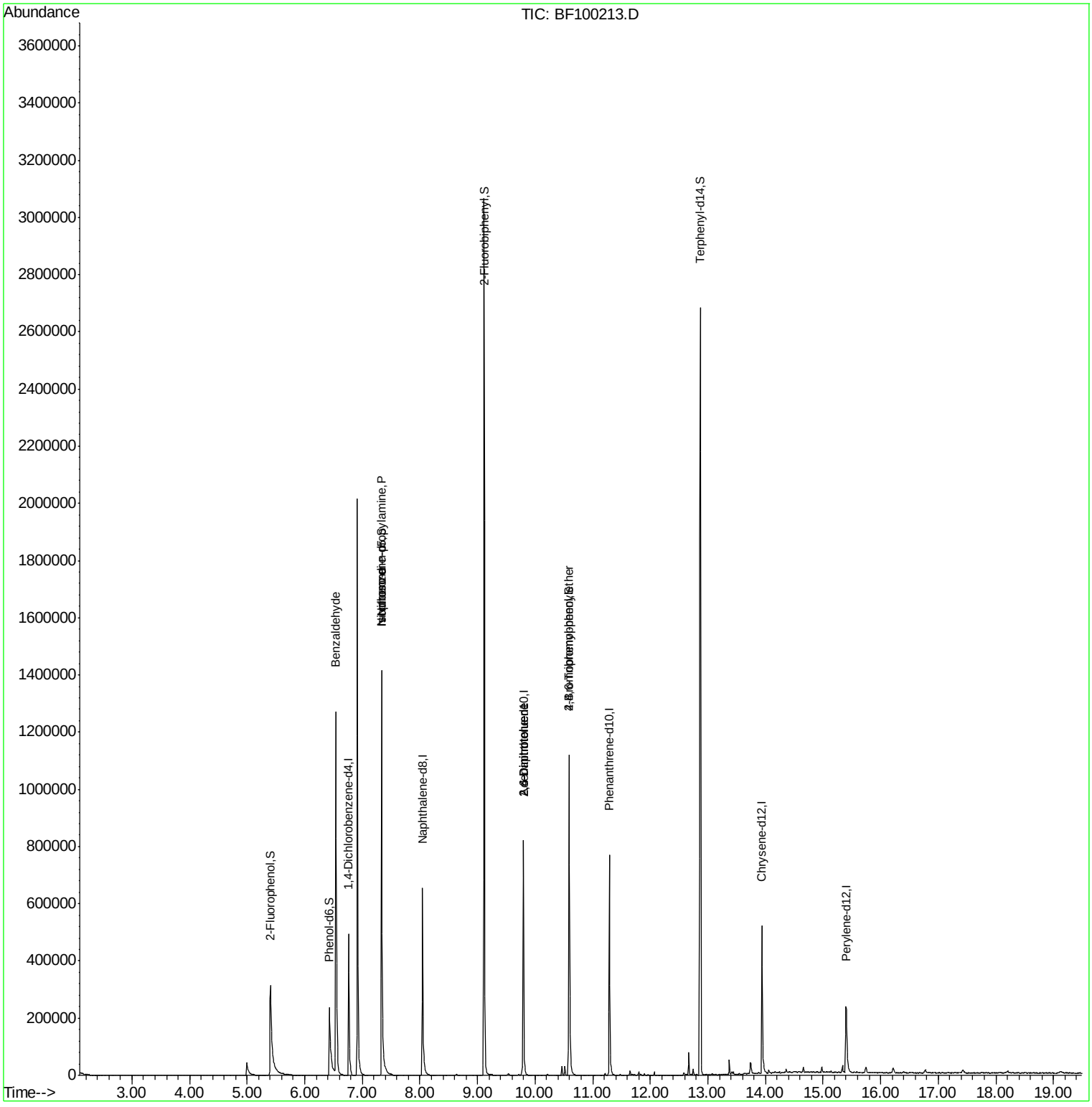
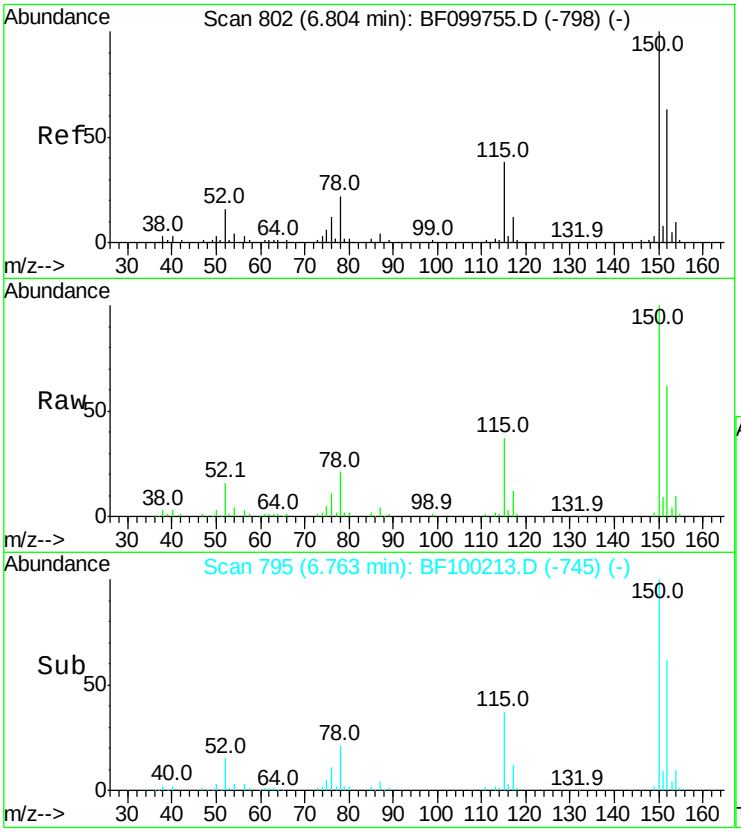
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 23:58:37 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



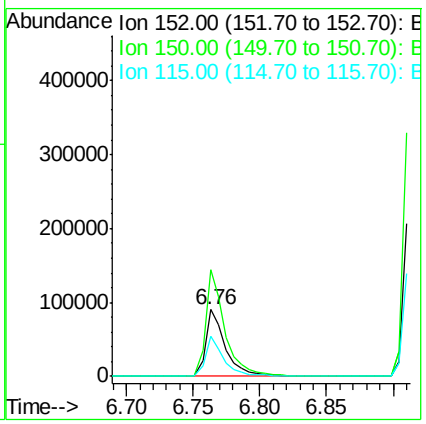


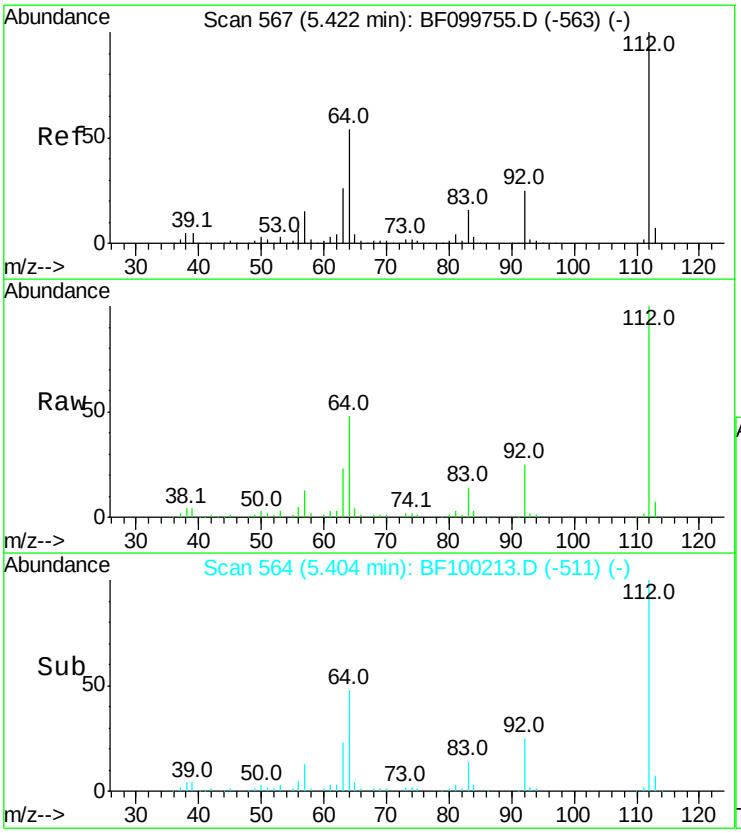
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92356

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	59.2	50.1	75.1

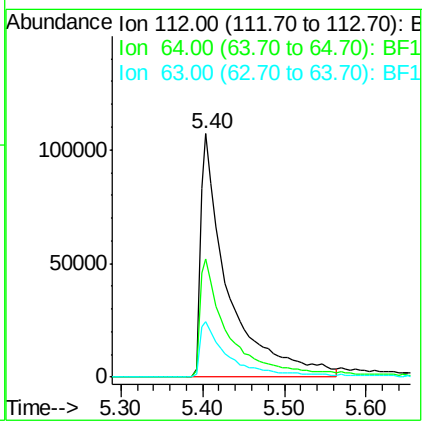


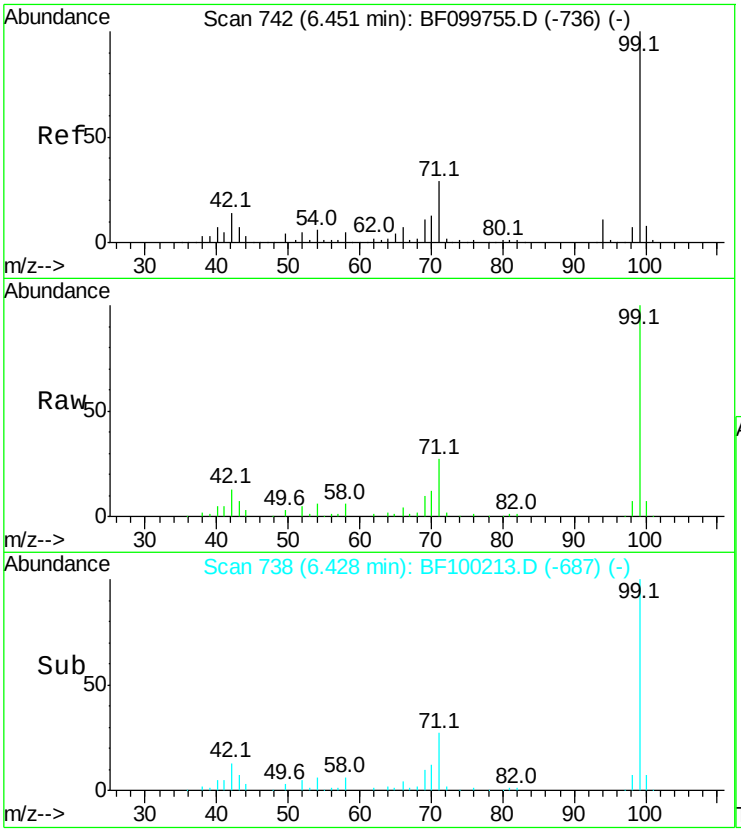


#5
2-Fluorophenol
Concen: 42.737 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:112 Resp: 251410

Ion	Ratio	Lower	Upper
112	100		
64	48.3	47.9	71.9
63	23.0	23.7	35.5#



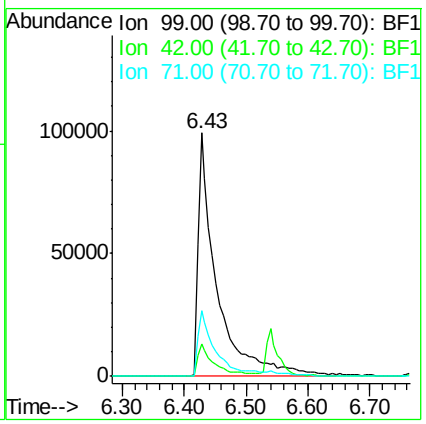


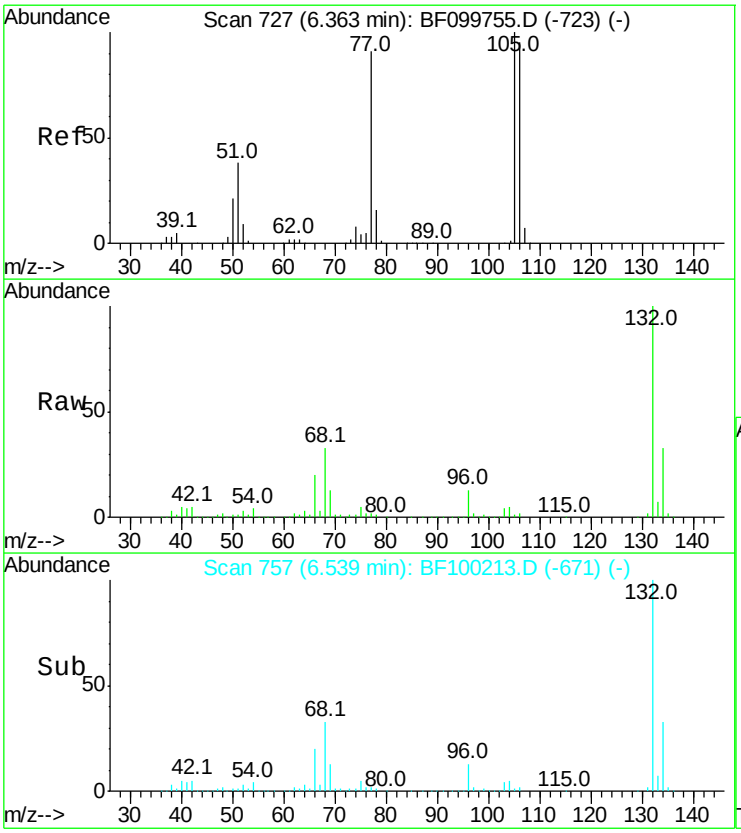
#7
Phenol-d6
Concen: 30.227 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 210837

Ion	Ratio	Lower	Upper
99	100		
42	13.2	14.5	21.7#
71	27.2	25.4	38.0

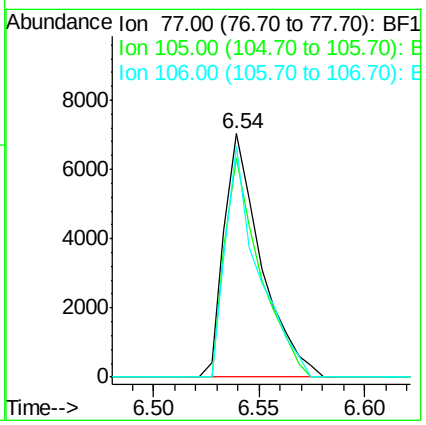


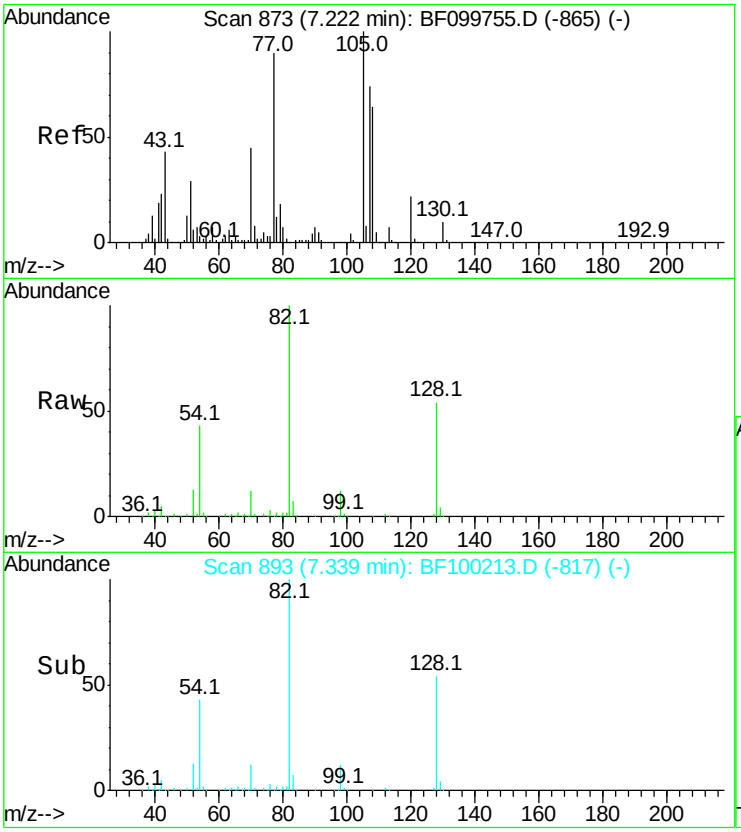


#9
Benzaldehyde
Concen: 2.048 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.21 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion: 77 Resp: 8537

Ion	Ratio	Lower	Upper
77	100		
105	90.1	81.1	121.1
106	94.7	74.5	114.5



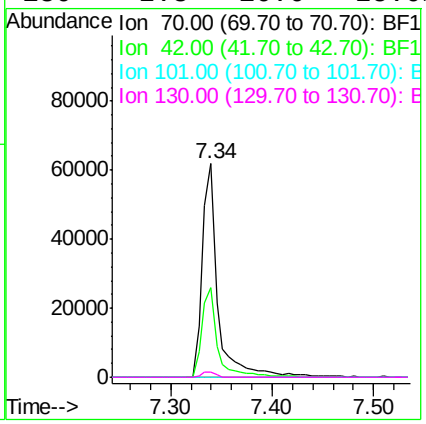


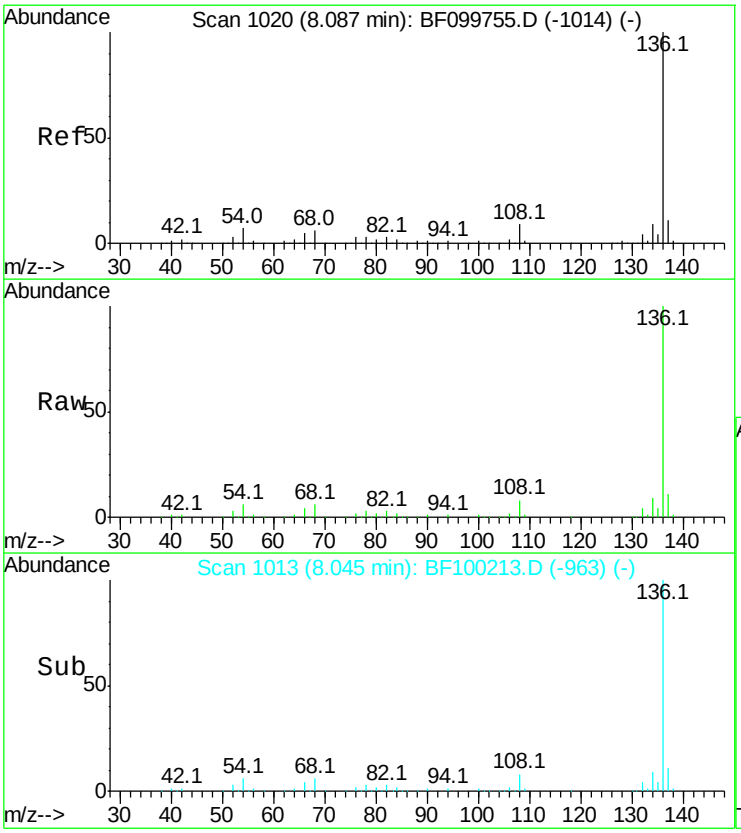
#19
n-Nitroso-di-n-propylamine
Concen: 16.253 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66438

Ion	Ratio	Lower	Upper
70	100		
42	41.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

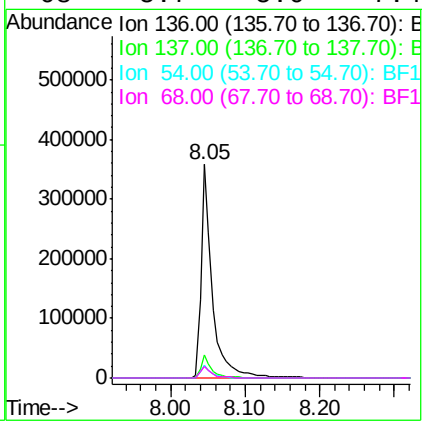


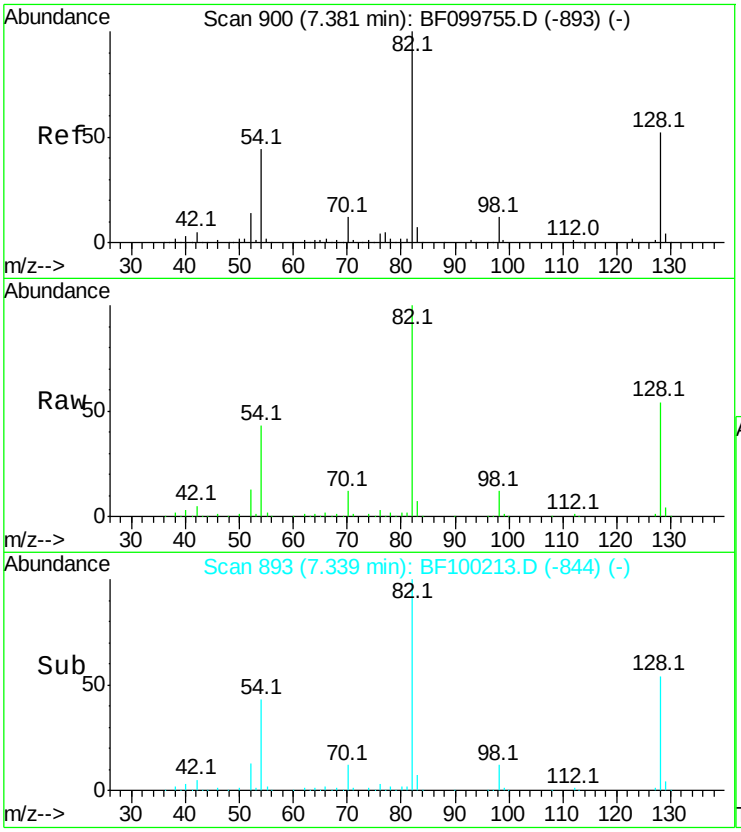


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:136 Resp: 382708

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.8	6.6	9.8#
68	5.7	5.0	7.4



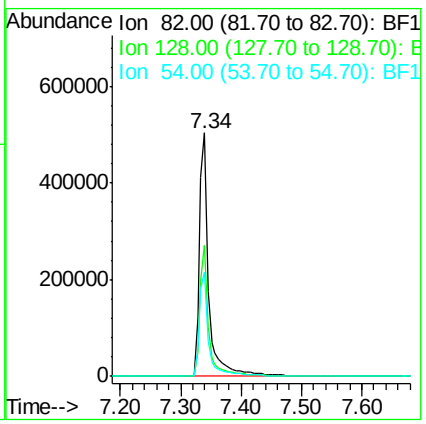


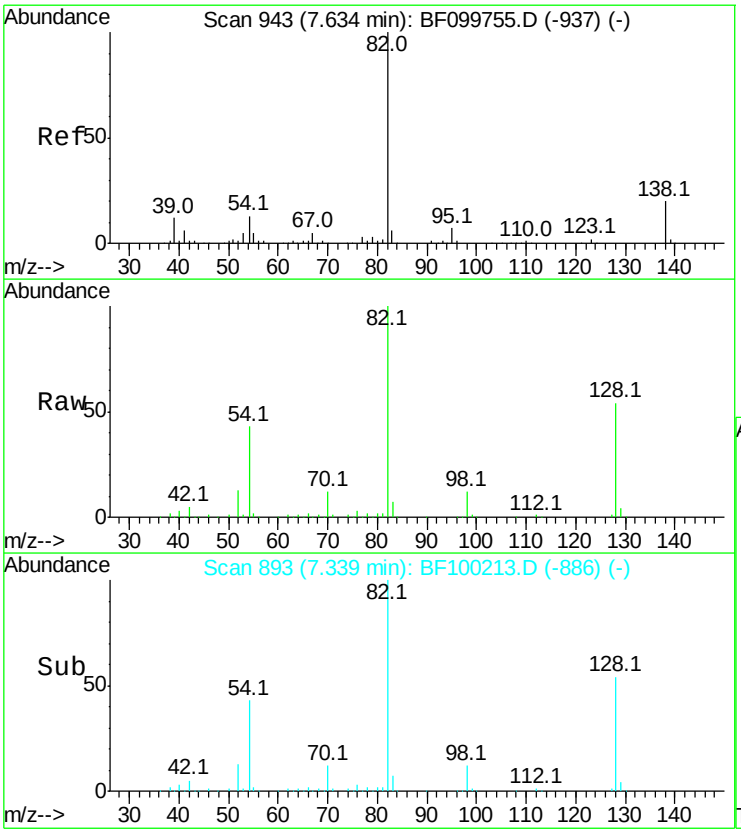
#23
Nitrobenzene-d5
Concen: 92.264 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 548458

Ion	Ratio	Lower	Upper
82	100		
128	53.8	36.1	54.1
54	42.7	41.4	62.2

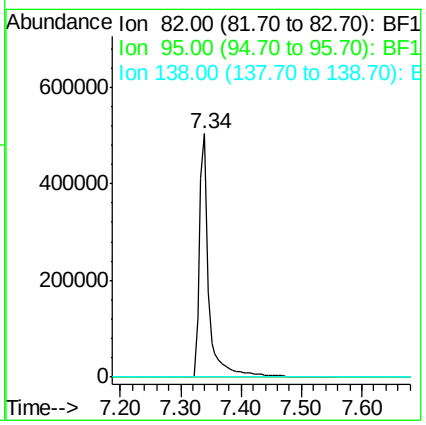


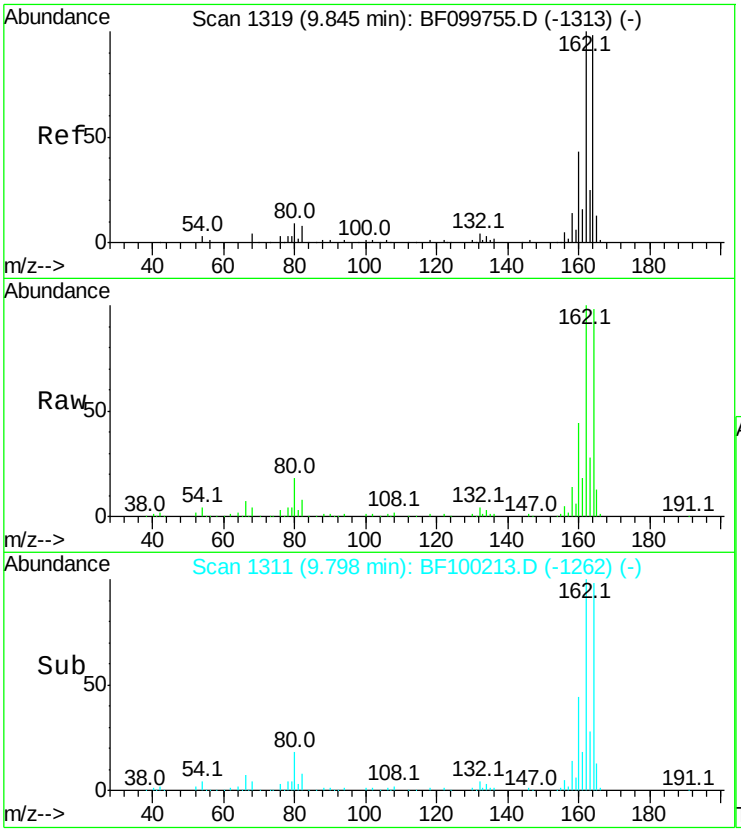


#25
Isophorone
Concen: 50.846 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion: 82 Resp: 548458

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



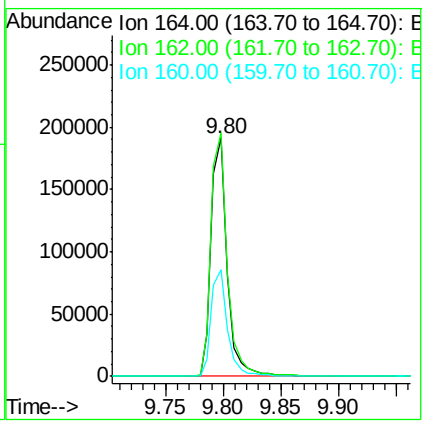


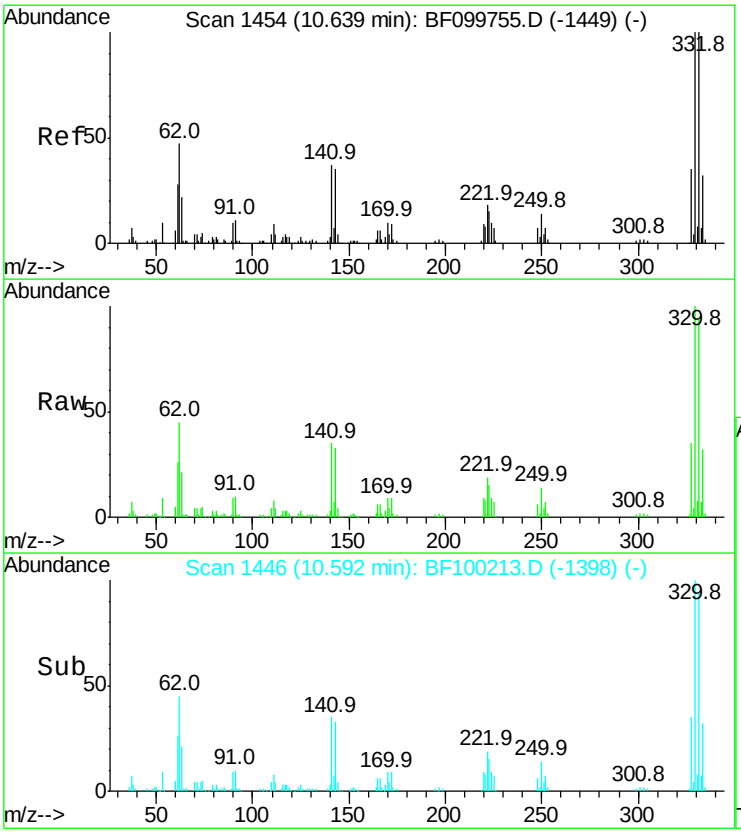
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 185356

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.0	38.3	57.5

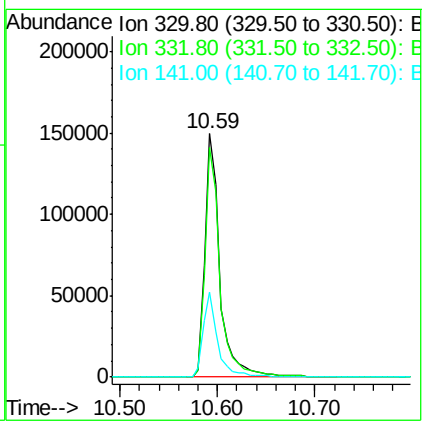


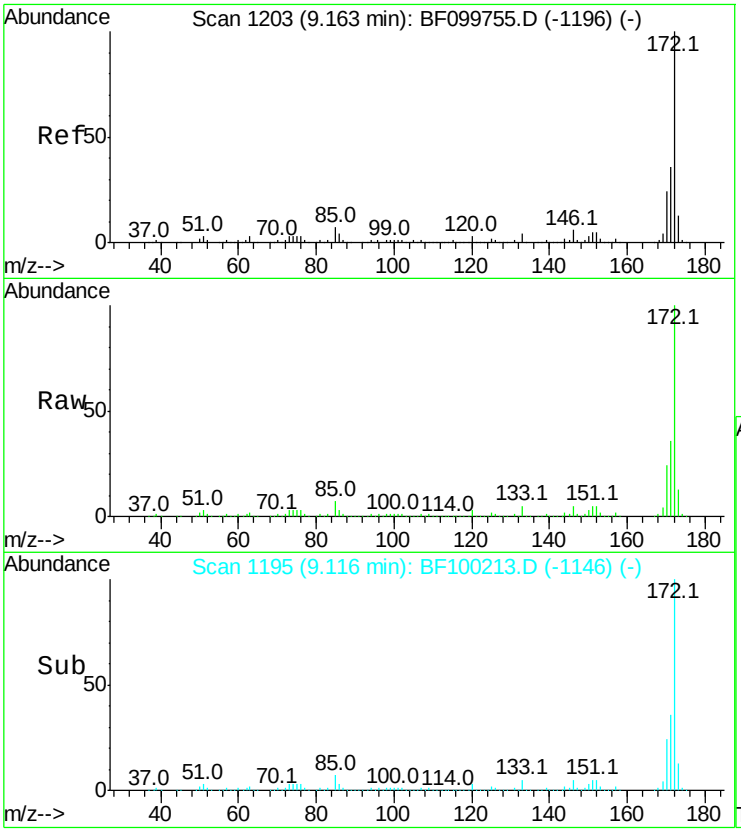


#41
2,4,6-Tribromophenol
Concen: 94.562 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:330 Resp: 159733

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.9	29.9	44.9



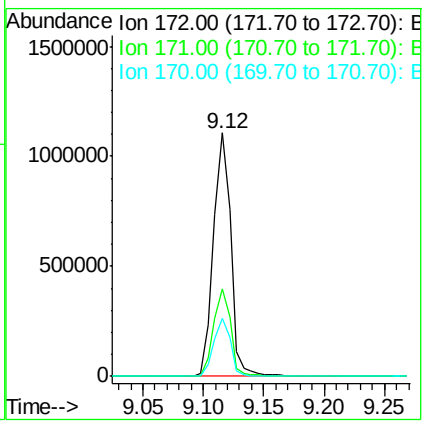


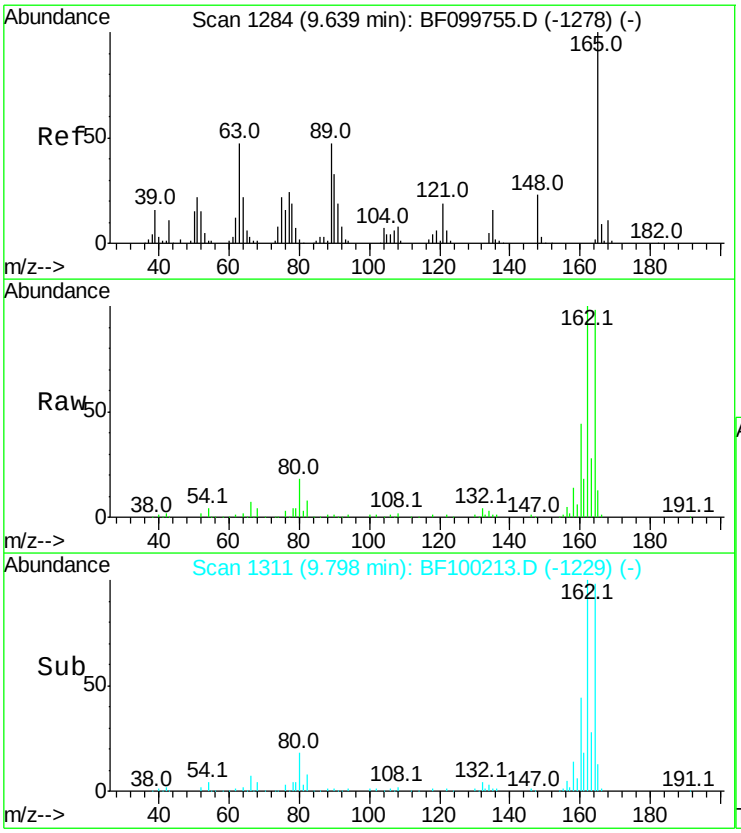
#44
2-Fluorobiphenyl
Concen: 90.221 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1083917

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4

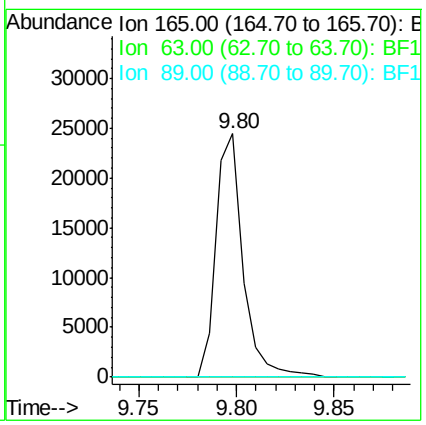


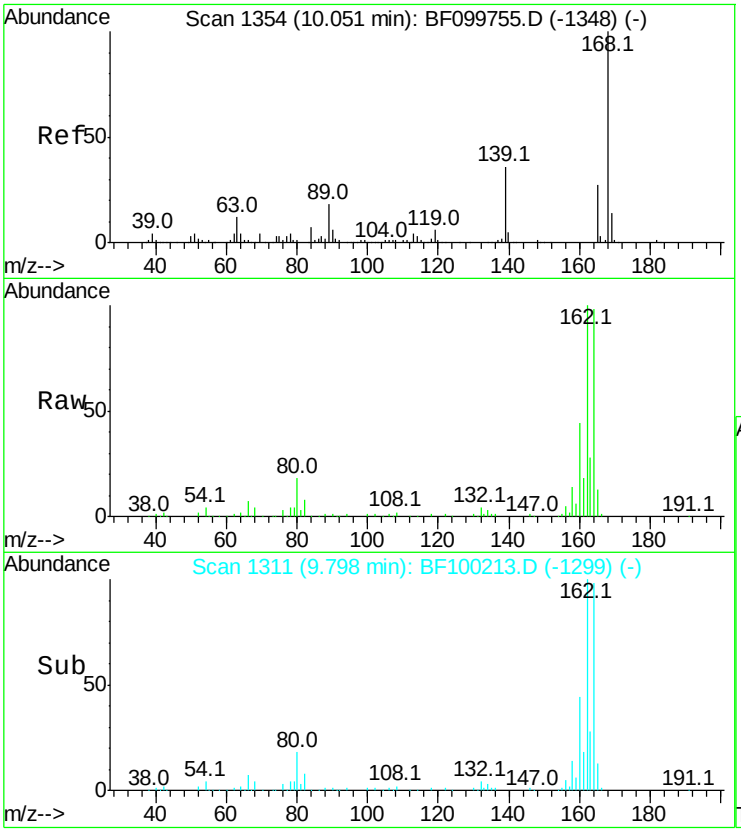


#50
2,6-Dinitrotoluene
Concen: 7.614 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.18 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:165 Resp: 23494

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



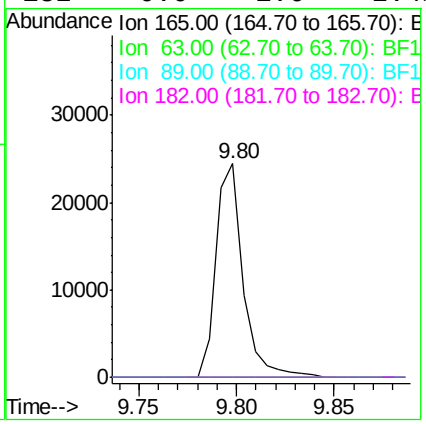


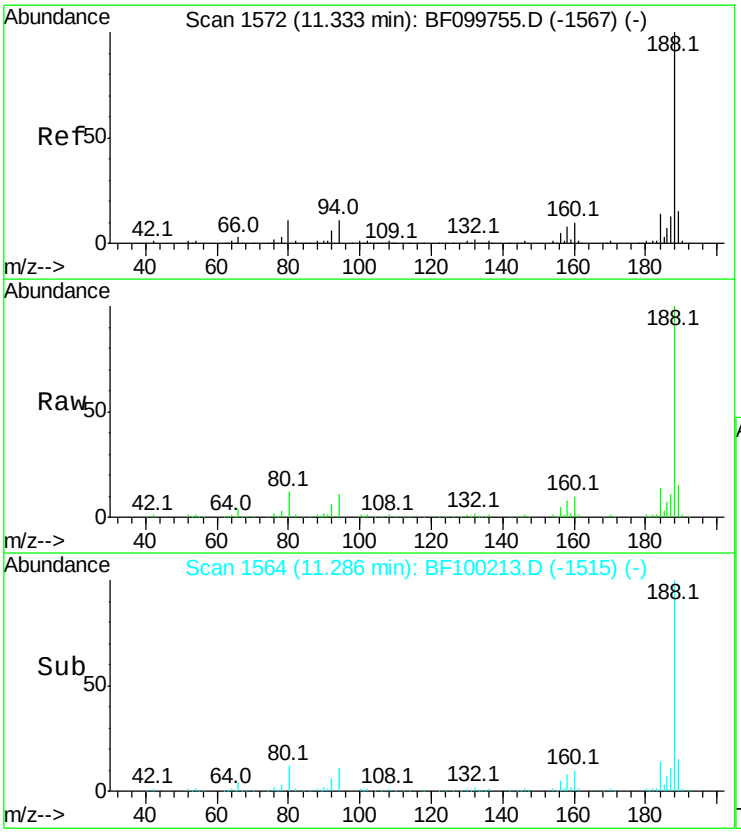
#56
2,4-Dinitrotoluene
Concen: 6.322 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23494

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#

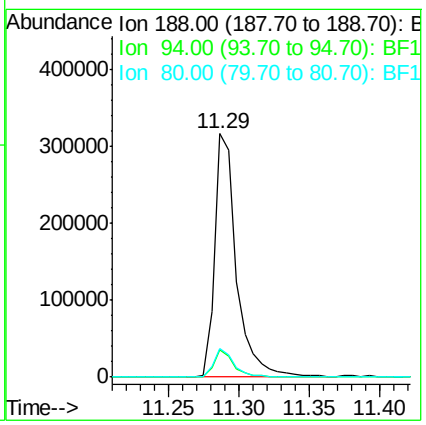


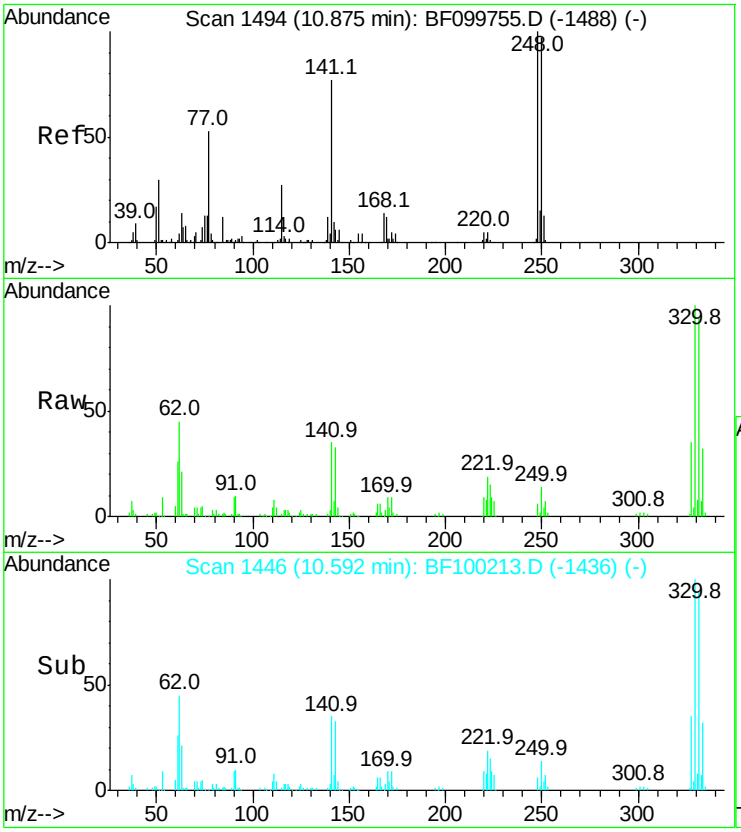


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:188 Resp: 339435

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8



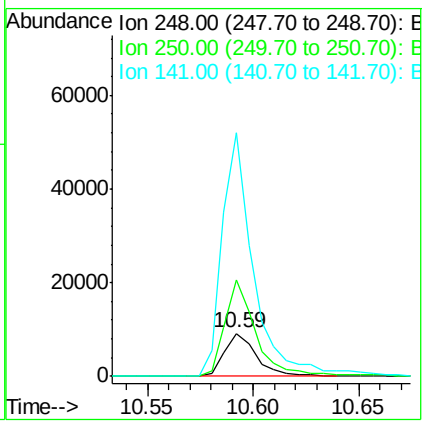


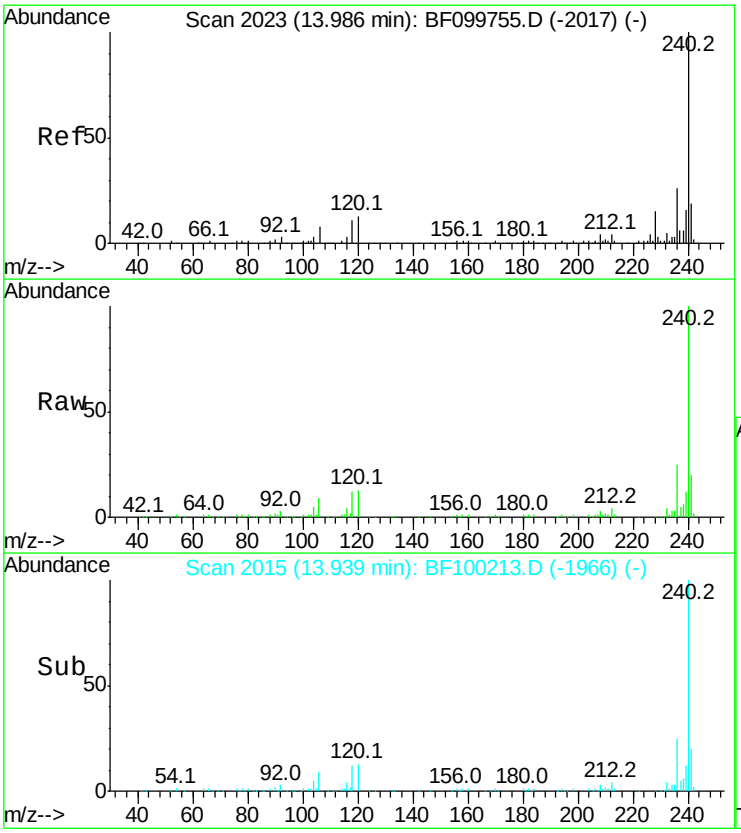
#66
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9758

Ion	Ratio	Lower	Upper
248	100		
250	224.0	76.9	115.3#
141	562.8	74.4	111.6#

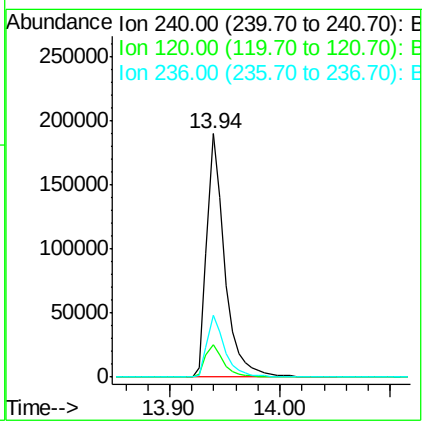


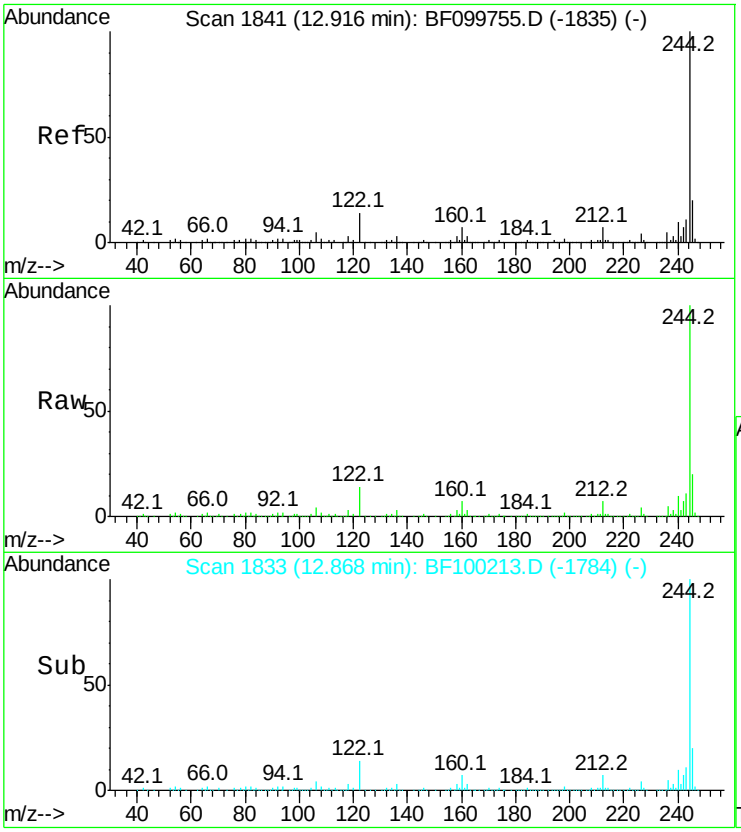


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:240 Resp: 210663

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.5	20.7	31.1



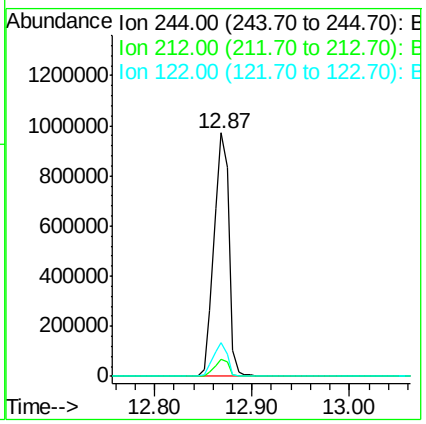


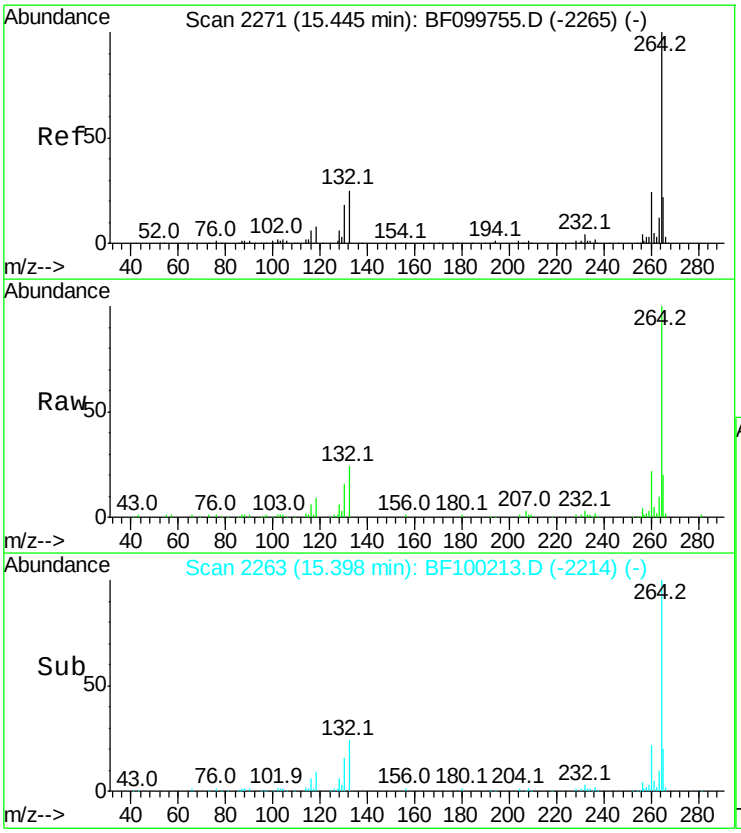
#78
Terphenyl-d14
Concen: 106.851 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1030015

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100213.D
Acq: 5 Nov 2017 7:18

Tgt Ion:264 Resp: 148275

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.0	17.5	26.3