Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100263.D
Acq On : 6 Nov 2017 20:54
Operator : SJ/JU
Sample : PB104022TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 00:19:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	78961	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	331208	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	154977	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	278117	20.00	ng		0.00
75) Chrysene-d12	13.94	240	141378	20.00	ng		0.00
86) Perylene-d12	15.41	264	140600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	553570	110.07	ng		0.01
7) Phenol-d6	6.41	99	671356	112.58	ng		0.00
23) Nitrobenzene-d5	7.33	82	362702	70.50	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	142453	100.86	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	788015	78.45	ng		0.00
78) Terphenyl-d14	12.87	244	623717	96.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	9823	2.756	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	44062	12.608	ng	#	69
25) Isophorone	7.33	82	362730	38.856	ng	#	64
50) 2,6-Dinitrotoluene	9.79	165	19714	7.641	ng	#	24
56) 2,4-Dinitrotoluene	9.79	165	19714	6.345	ng	#	21
66) 4-Bromophenyl-phenylether	10.59	248	8962	3.061	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\BF110617\
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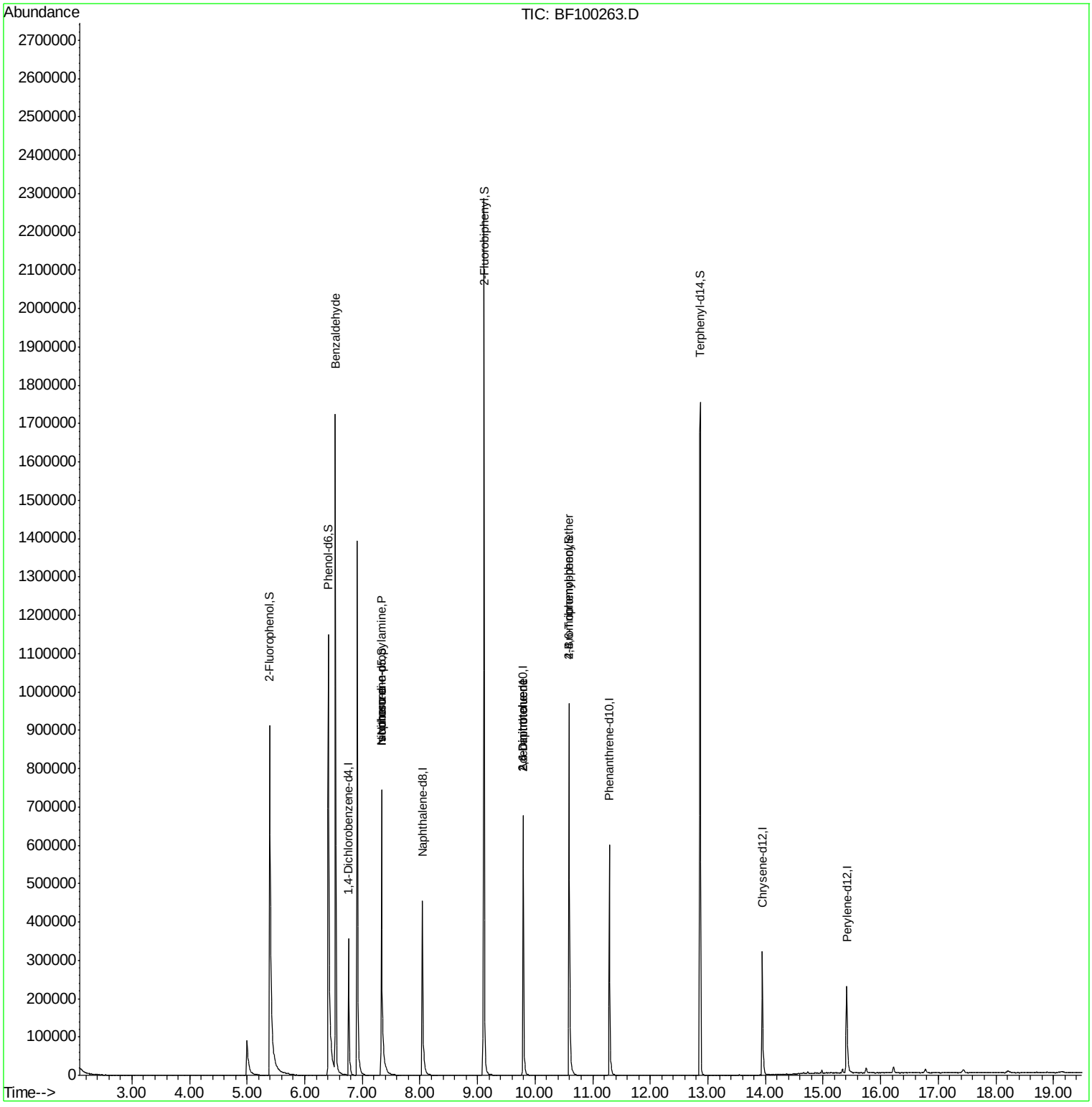
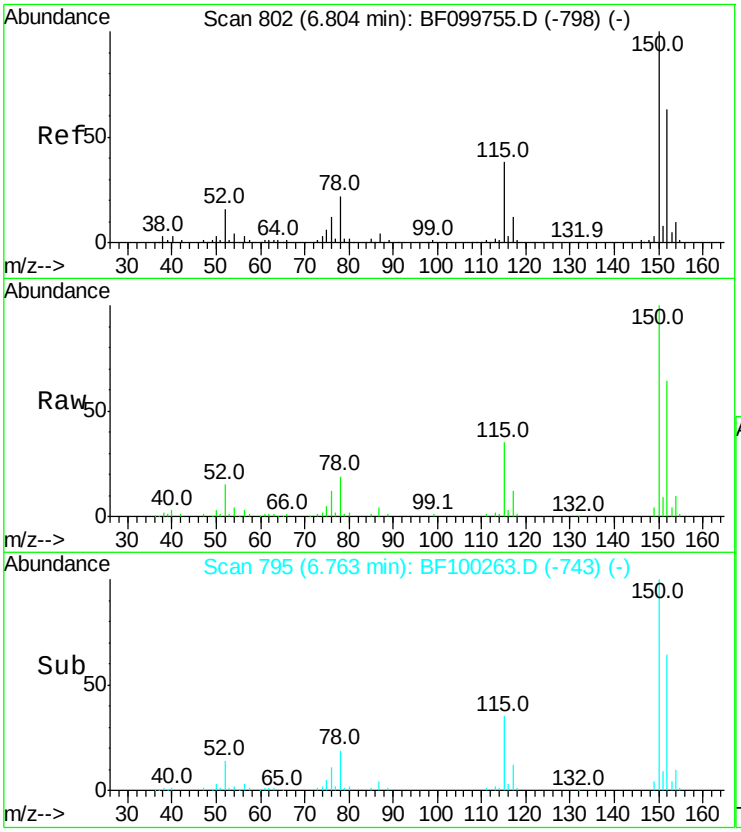


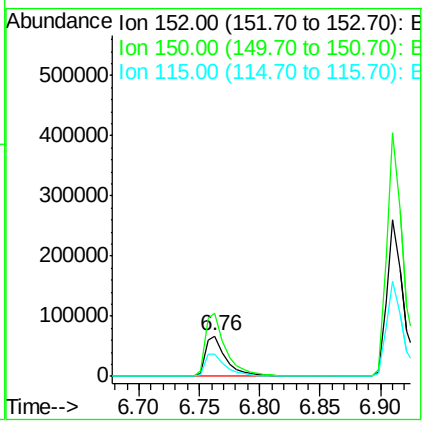


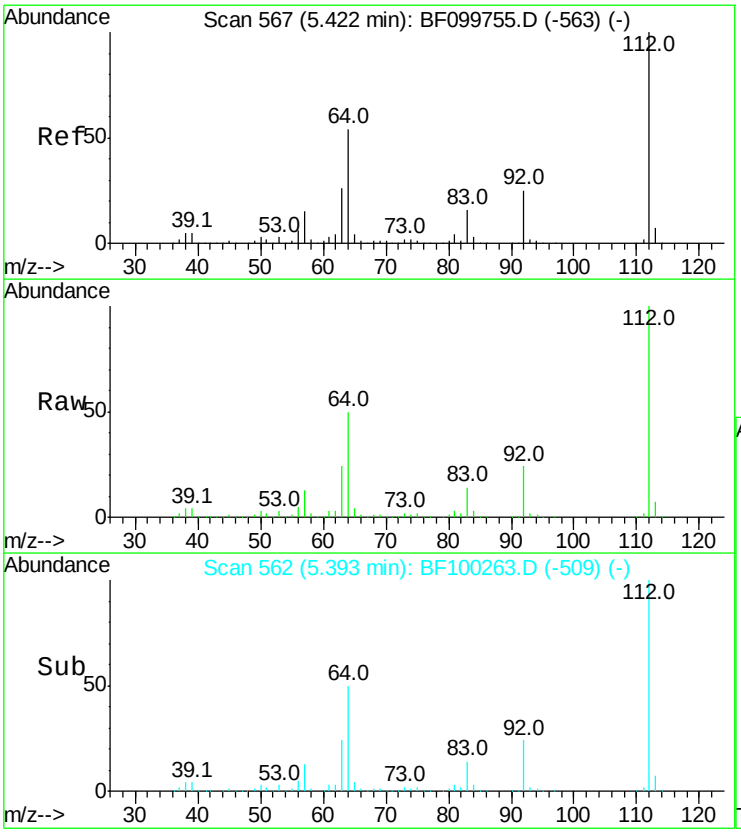
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78961

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	55.5	50.1	75.1

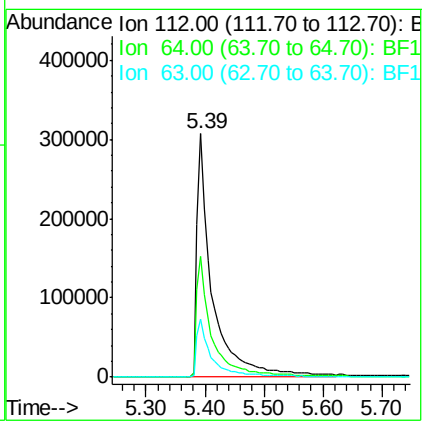


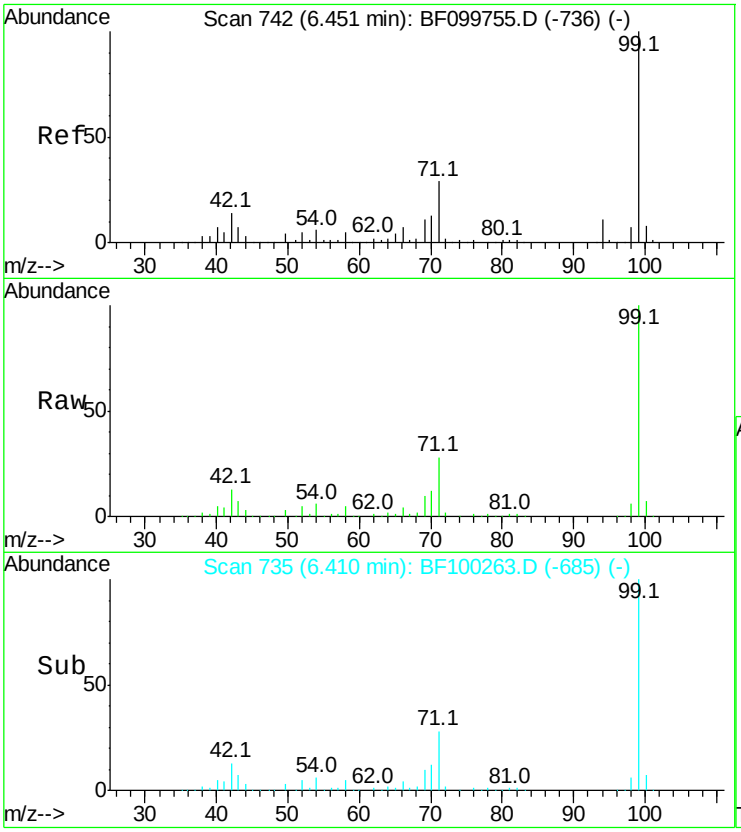


#5
2-Fluorophenol
Concen: 110.065 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:112 Resp: 553570

Ion	Ratio	Lower	Upper
112	100		
64	49.5	47.9	71.9
63	23.9	23.7	35.5



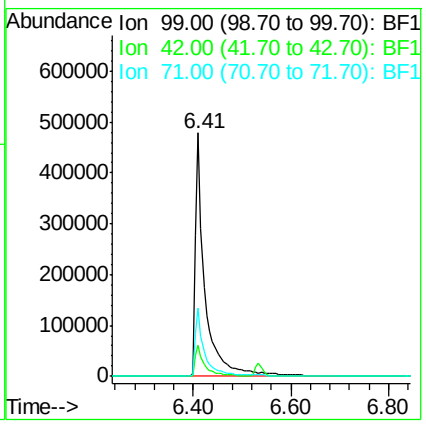


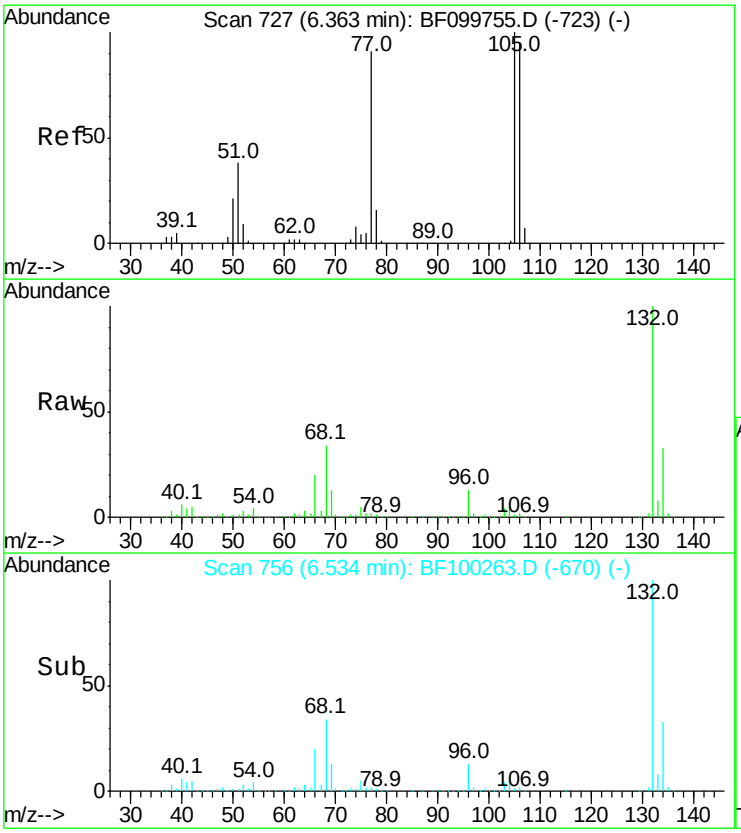
#7
Phenol-d6
Concen: 112.577 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 671356

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.5	21.7#
71	27.9	25.4	38.0

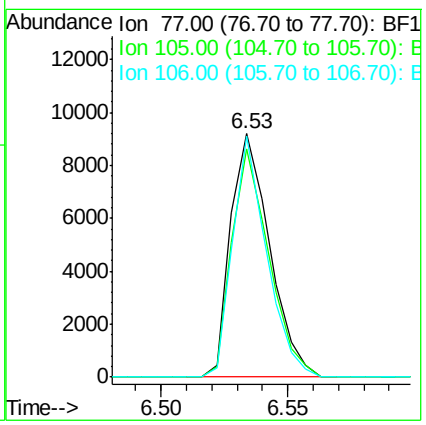


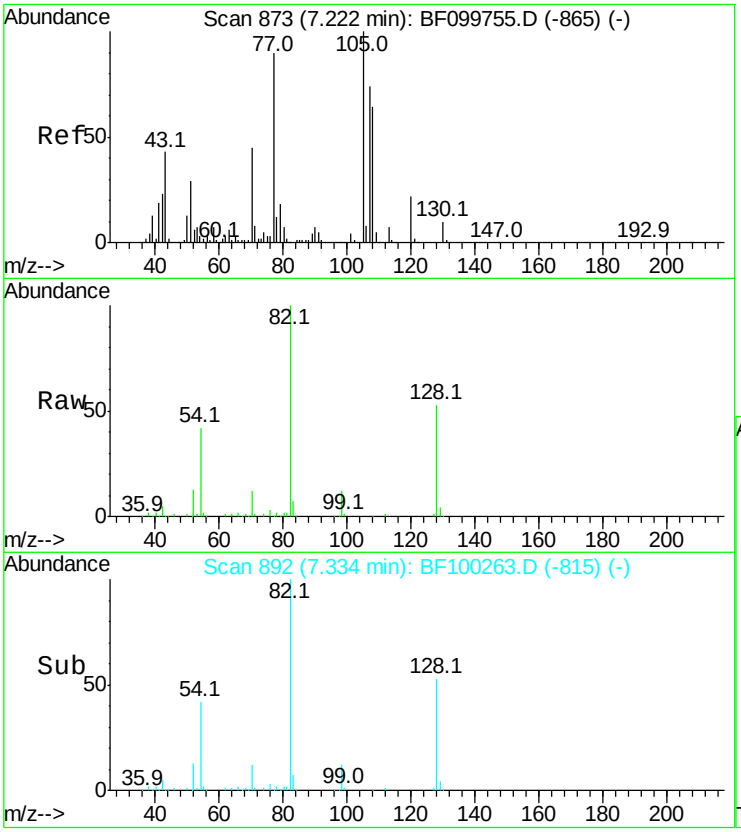


#9
Benzaldehyde
Concen: 2.756 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.21 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion: 77 Resp: 9823

Ion	Ratio	Lower	Upper
77	100		
105	93.6	81.1	121.1
106	98.9	74.5	114.5



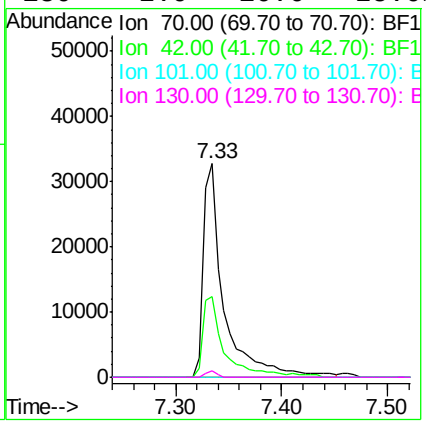


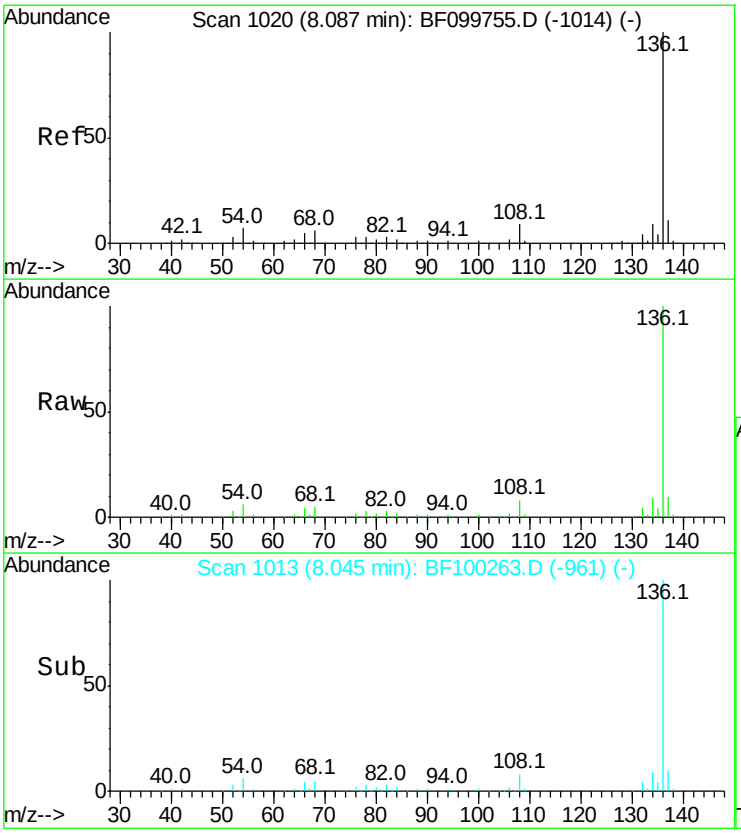
#19
n-Nitroso-di-n-propylamine
Concen: 12.608 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 44062

Ion	Ratio	Lower	Upper
70	100		
42	37.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#

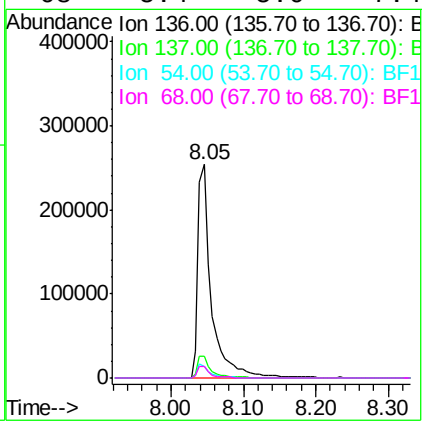


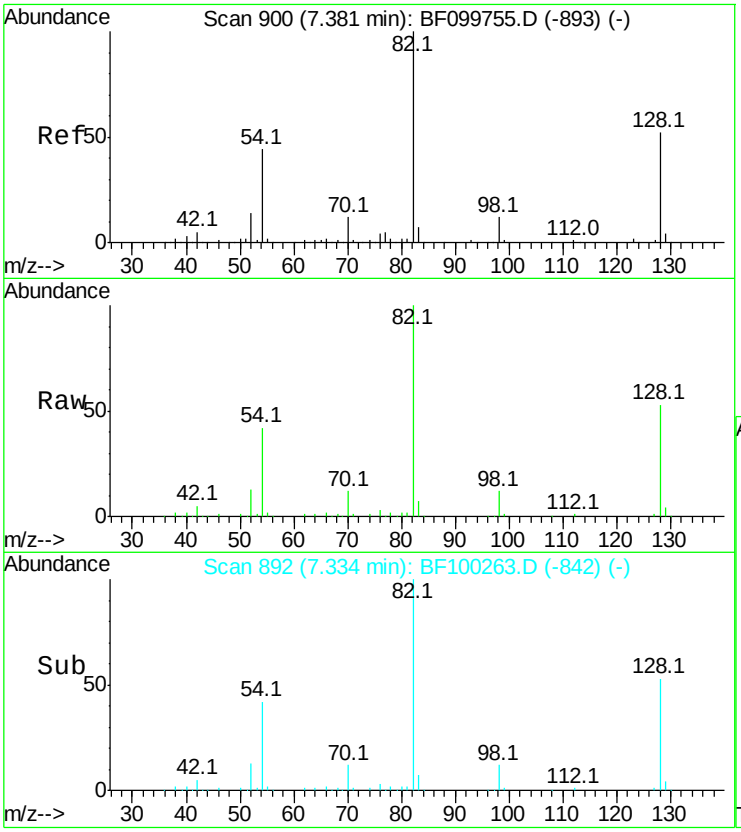


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:136 Resp: 331208

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	5.7	6.6	9.8#
68	5.4	5.0	7.4



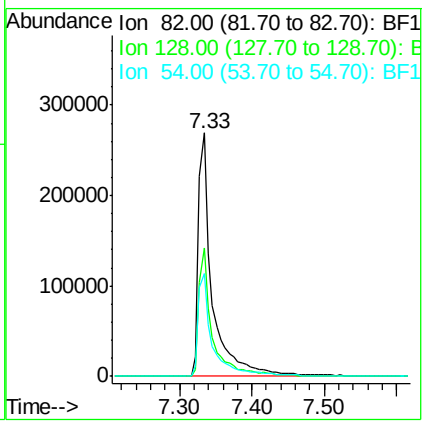


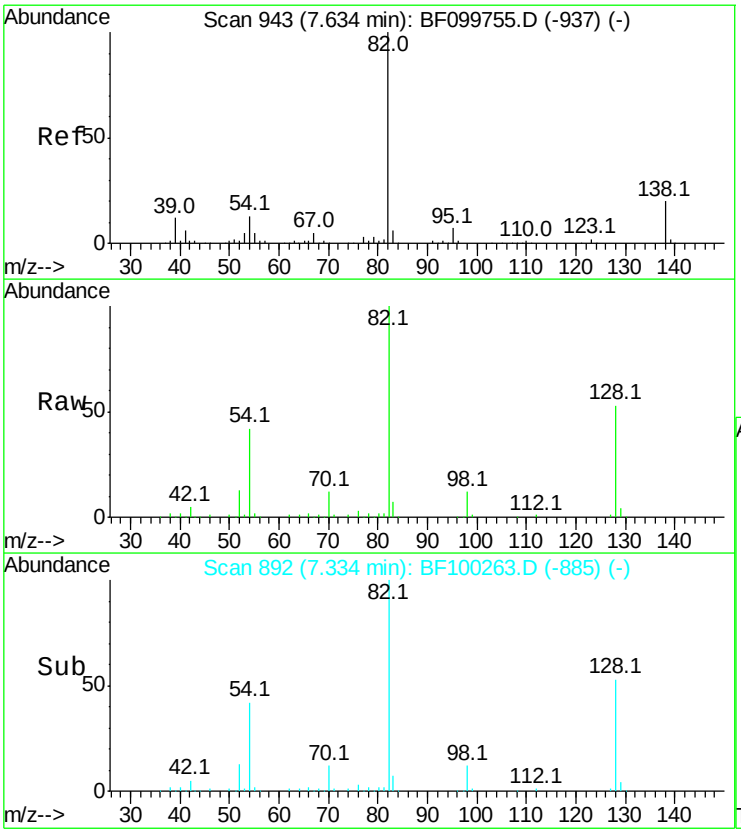
#23
Nitrobenzene-d5
Concen: 70.502 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 362702

Ion	Ratio	Lower	Upper
82	100		
128	52.7	36.1	54.1
54	42.1	41.4	62.2

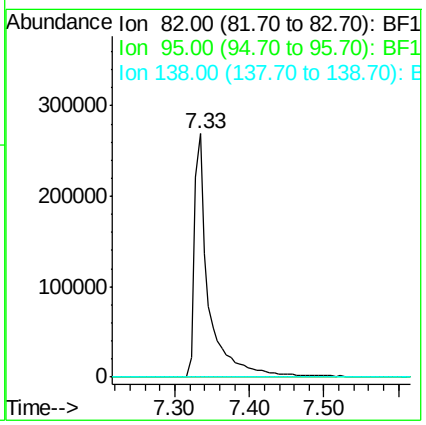


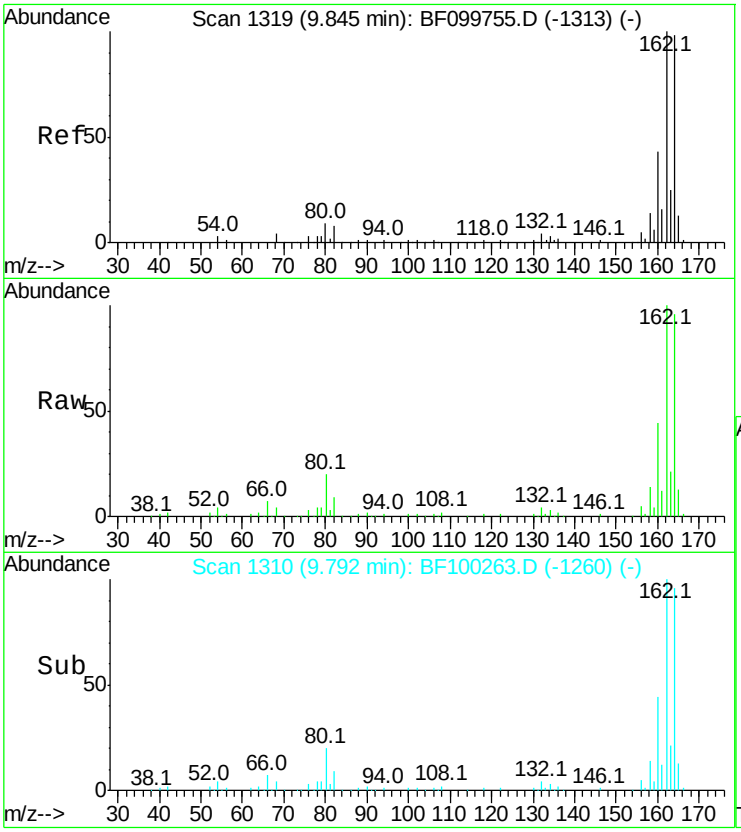


#25
Isophorone
Concen: 38.856 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion: 82 Resp: 362730

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



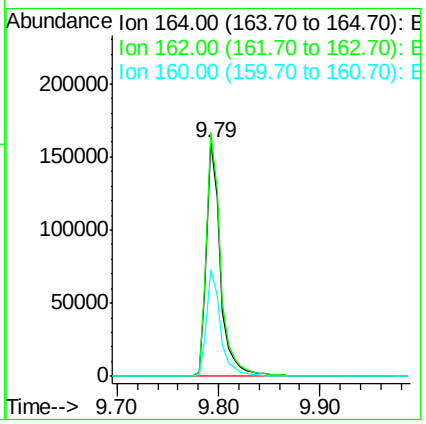


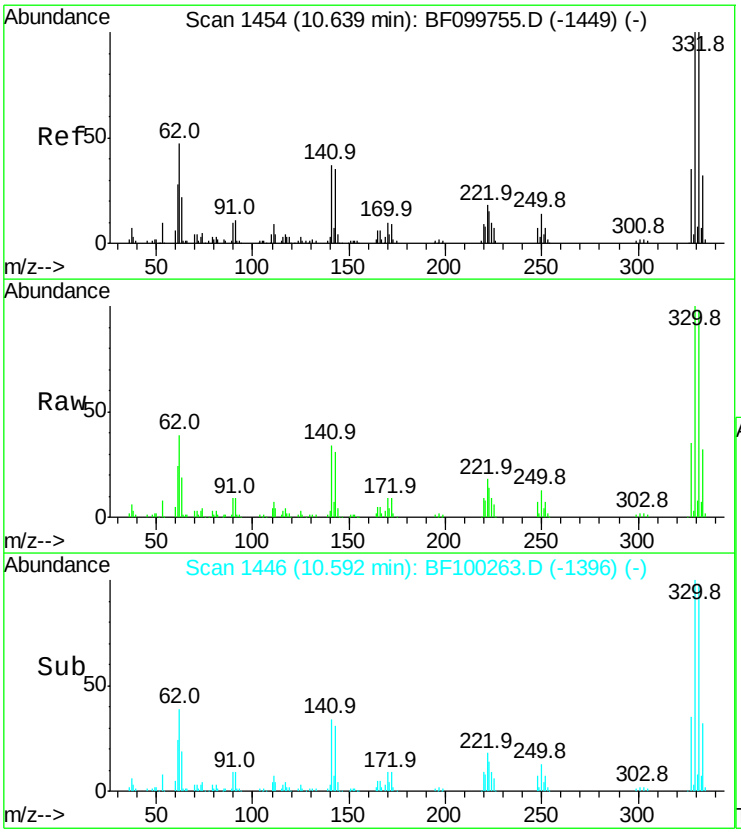
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 154977

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

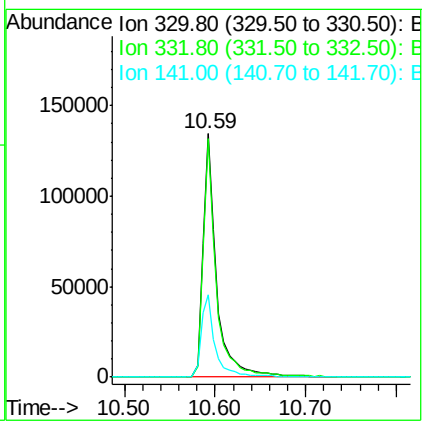


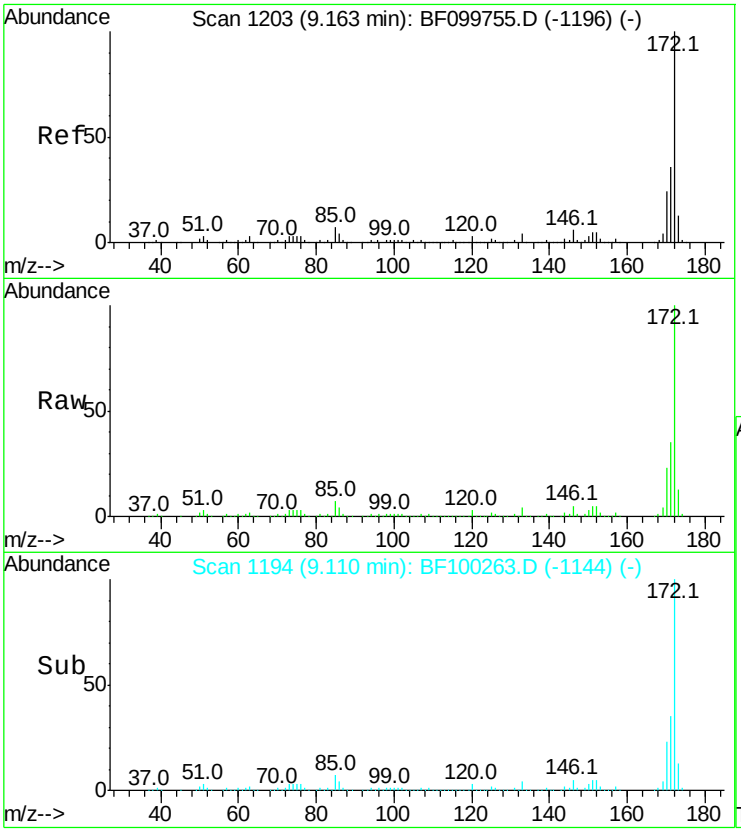


#41
2,4,6-Tribromophenol
Concen: 100.864 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:330 Resp: 142453

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.7	29.9	44.9



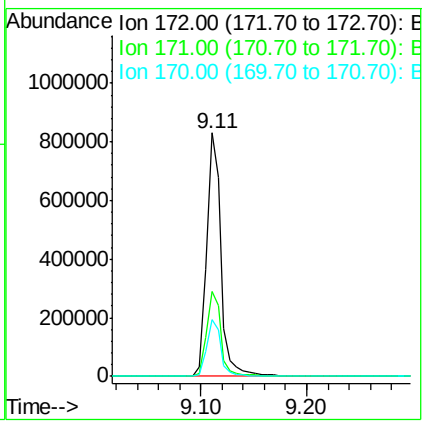


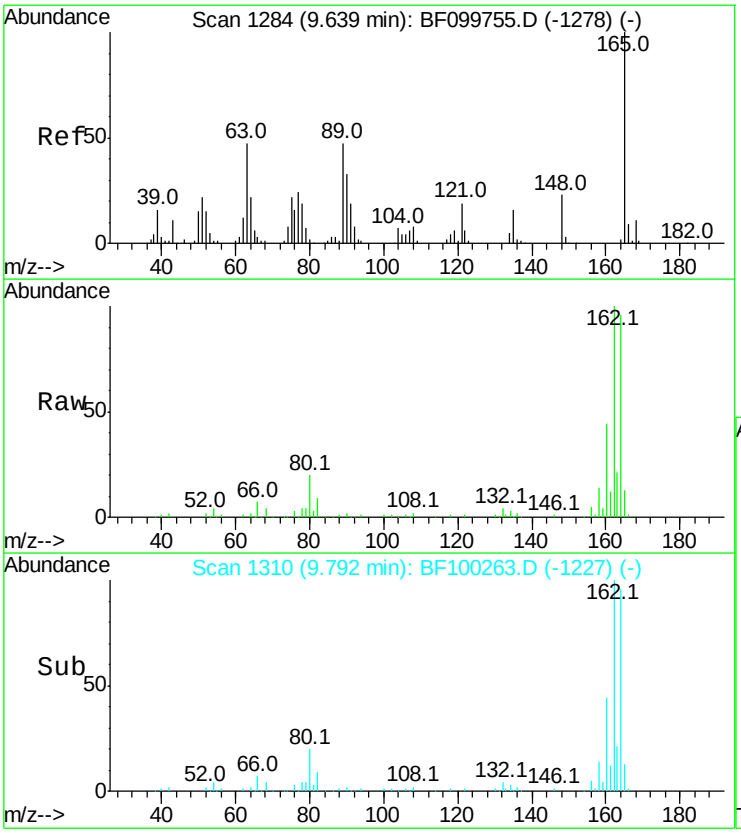
#44
2-Fluorobiphenyl
Concen: 78.449 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 788015

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.3	19.6	29.4

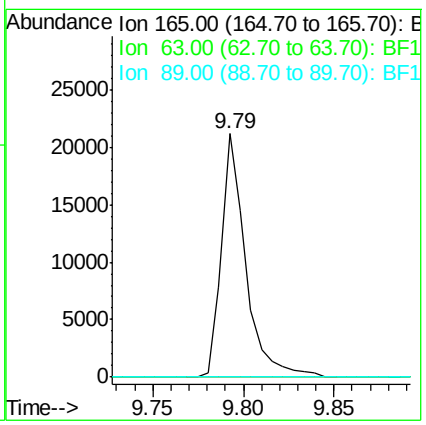


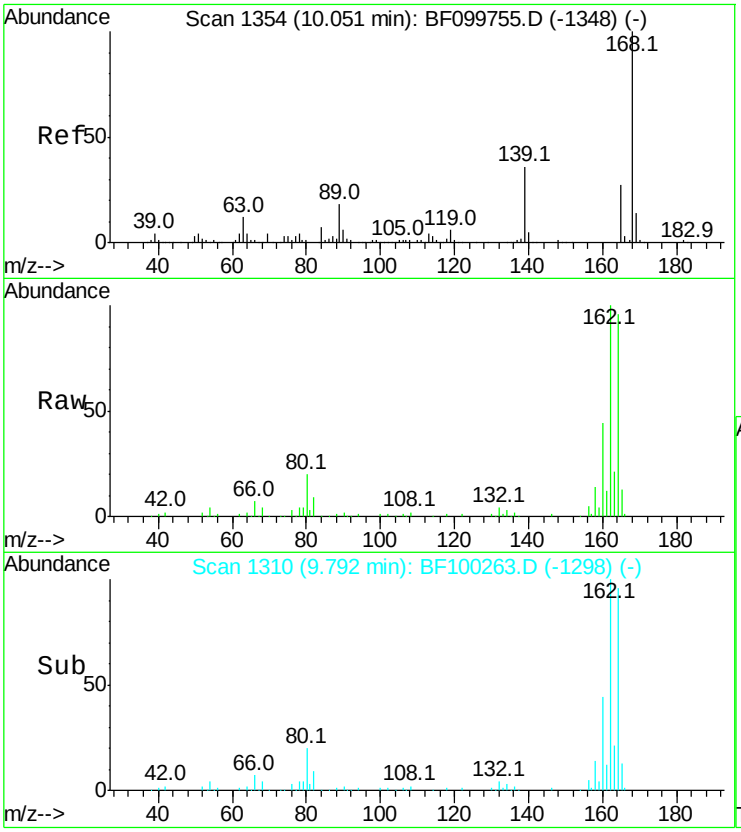


#50
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:165 Resp: 19714

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



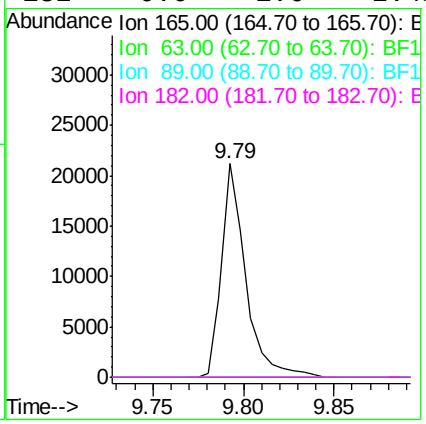


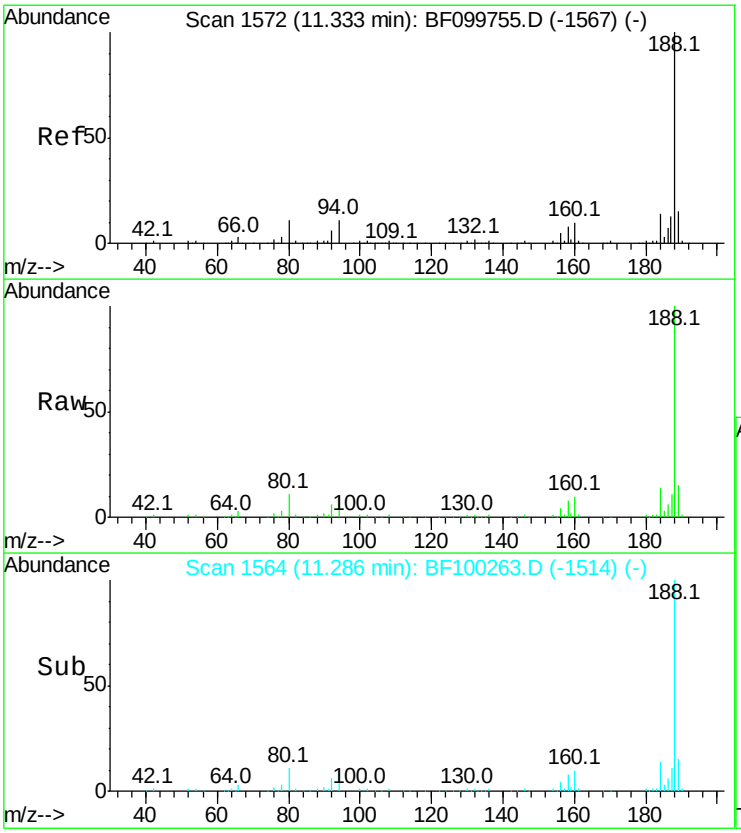
#56
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.23 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19714

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#

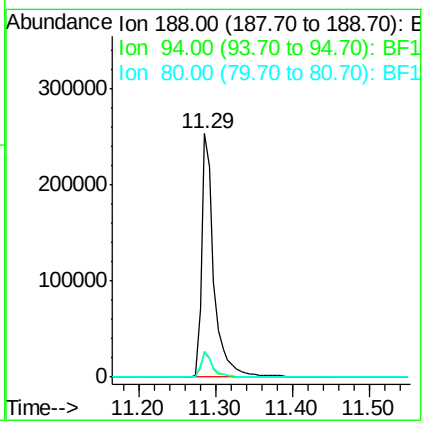


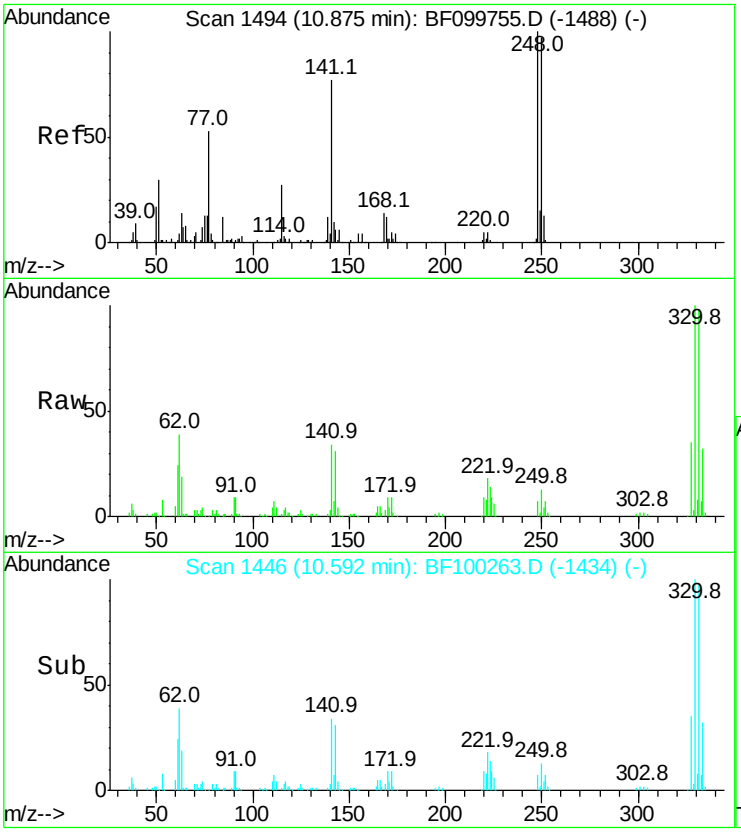


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:188 Resp: 278117

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	9.2	13.8



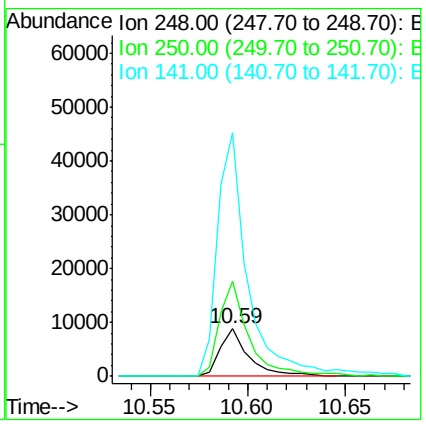


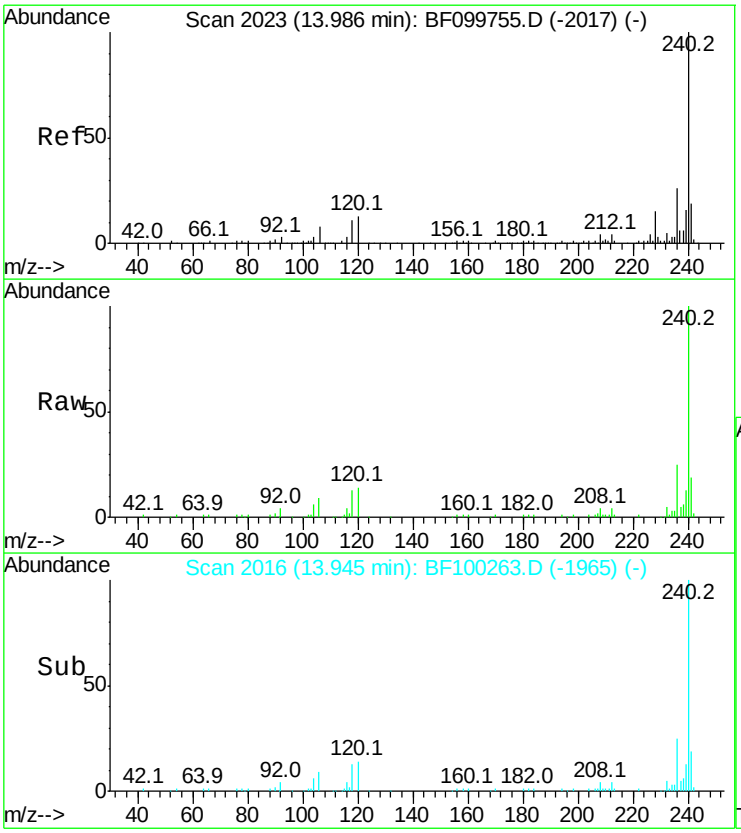
#66
4-Bromophenyl-phenylether
Concen: 3.061 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8962

Ion	Ratio	Lower	Upper
248	100		
250	201.7	76.9	115.3#
141	514.5	74.4	111.6#

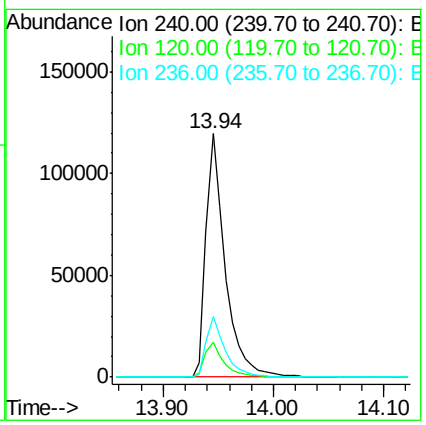


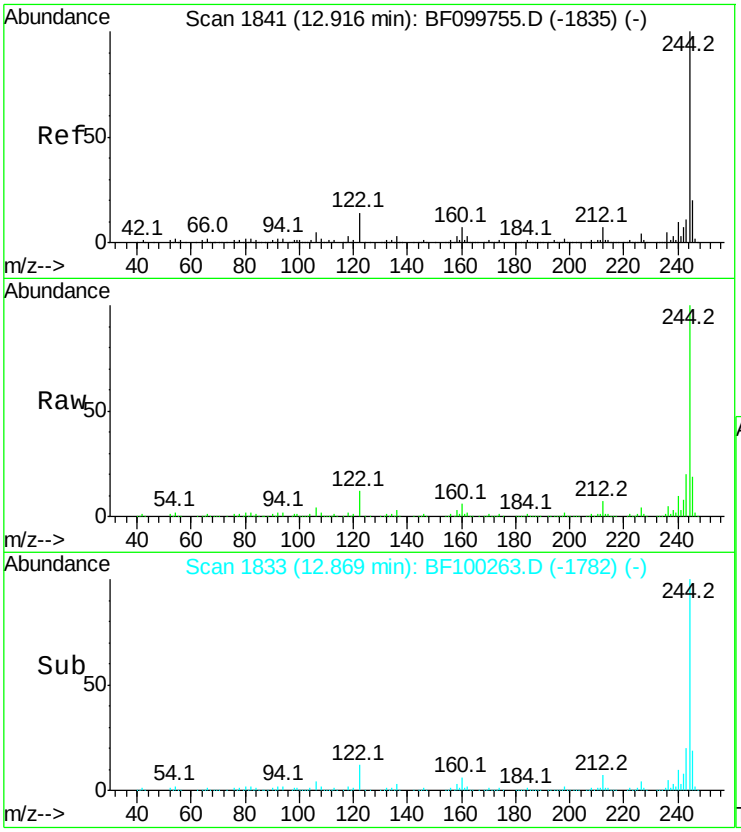


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:240 Resp: 141378

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.0	20.7	31.1



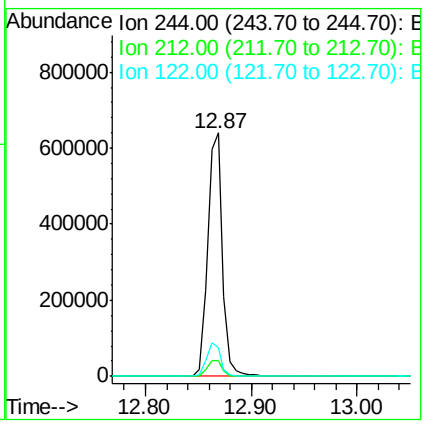


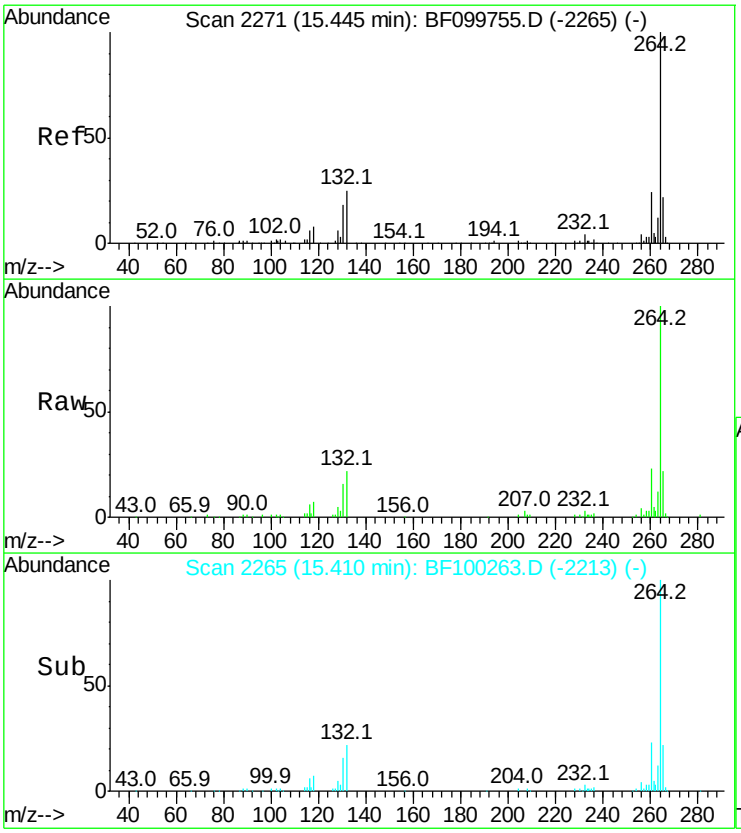
#78
Terphenyl-d14
Concen: 96.412 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 623717

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:264 Resp: 140600

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.0	17.5	26.3