Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099944.D
Acq On : 29 Oct 2017 5:36
Operator : SJ/JU
Sample : I6059-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 02:06:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105360	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	409020	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	159960	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	218927	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	179167	20.00	ng		-0.03
86) Perylene-d12	15.42	264	173203	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	278215	41.46	ng		0.00
7) Phenol-d6	6.43	99	243843	30.64	ng		-0.01
23) Nitrobenzene-d5	7.36	82	546030	85.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	94530	64.85	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1012903	97.70	ng		-0.01
78) Terphenyl-d14	12.90	244	642536	78.37	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.45	94	22803	2.610	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	67123	14.394	ng	#	71
25) Isophorone	7.36	82	546030	47.364	ng	#	64
49) Dimethylphthalate	9.54	163	43984	3.472	ng		100
50) 2,6-Dinitrotoluene	9.82	165	20551	7.717	ng	#	25
56) 2,4-Dinitrotoluene	9.82	165	20551	6.408	ng	#	23
62) Azobenzene	10.53	77	61803	5.960	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	6326	2.745	ng	#	1

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

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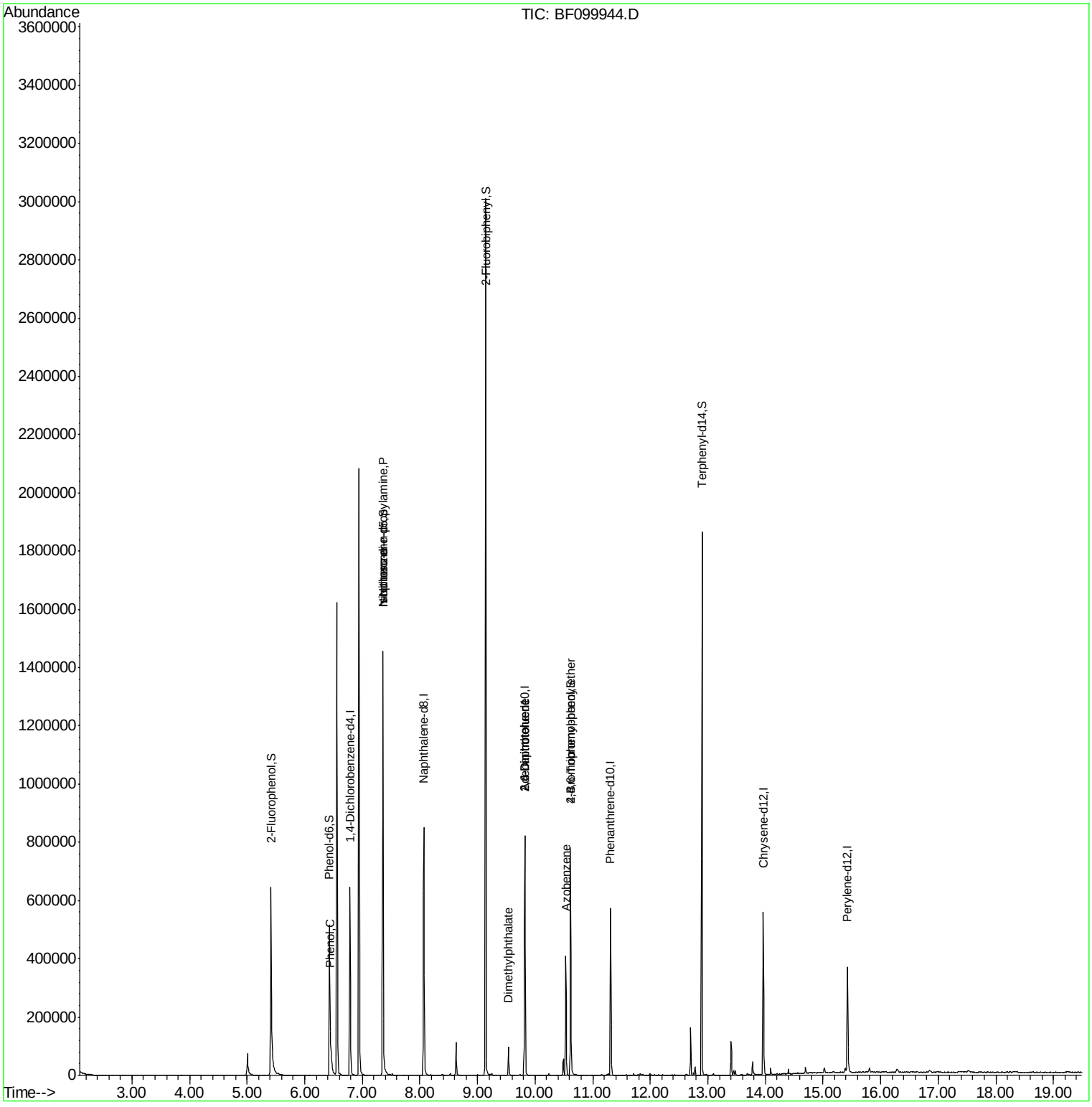
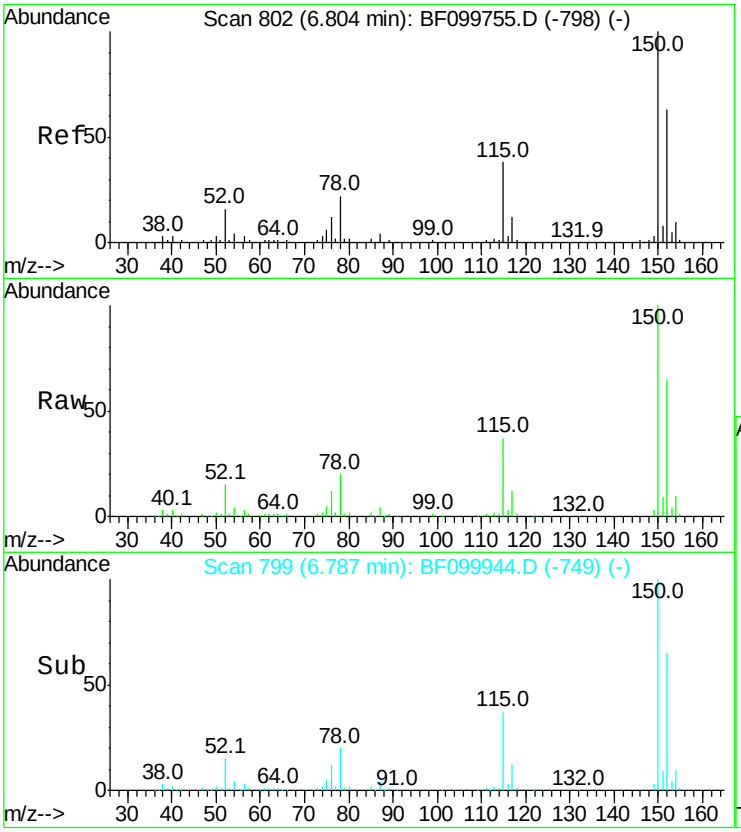


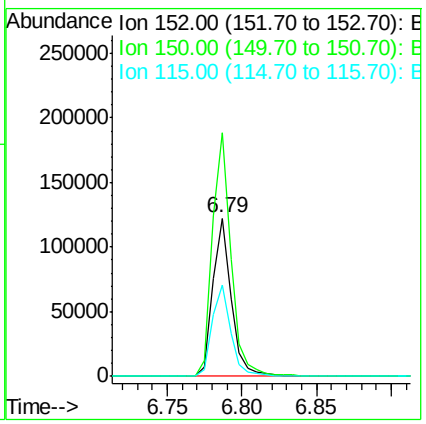


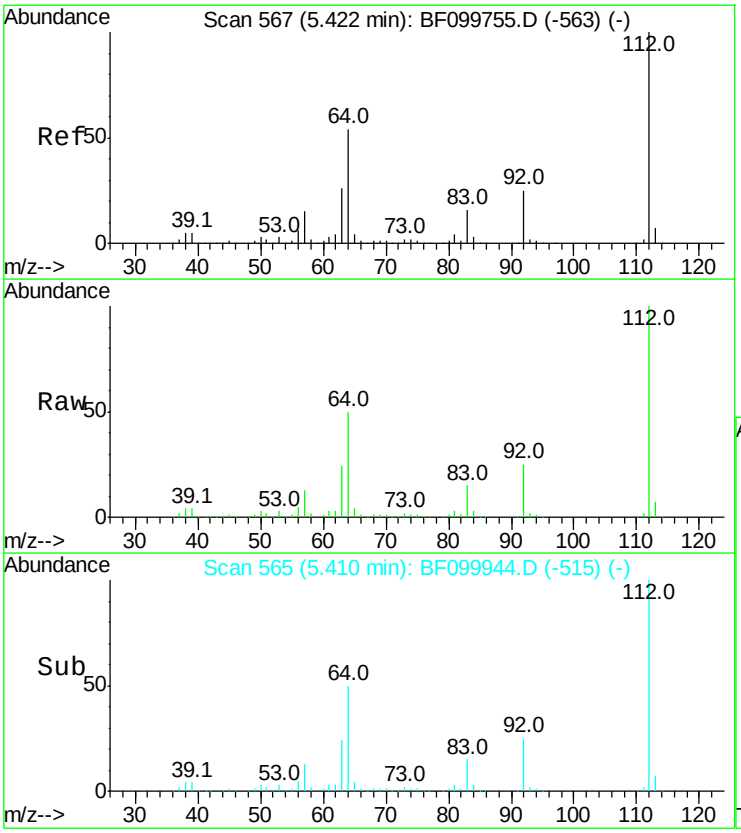
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105360

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	57.5	50.1	75.1

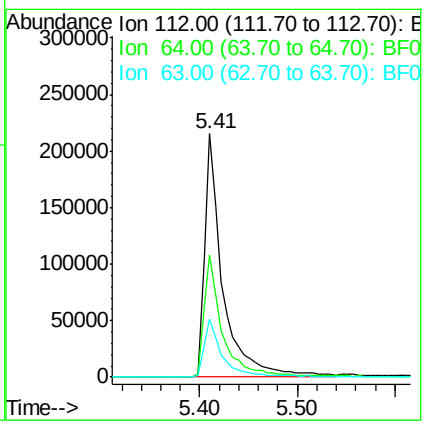


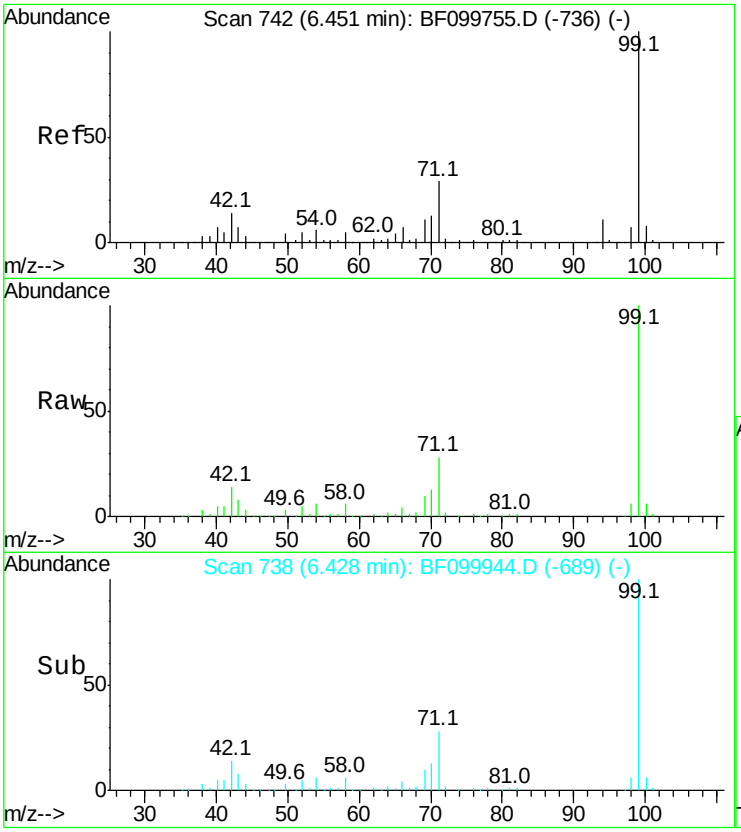


#5
2-Fluorophenol
Concen: 41.457 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:112 Resp: 278215

Ion	Ratio	Lower	Upper
112	100		
64	50.4	47.9	71.9
63	24.0	23.7	35.5



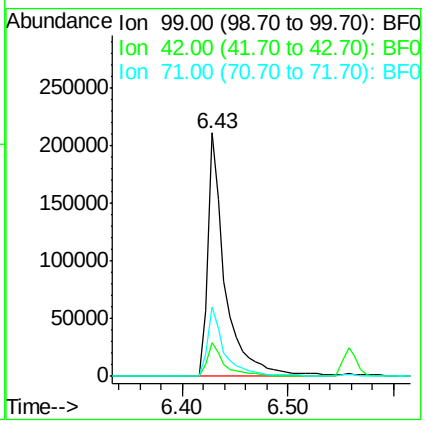


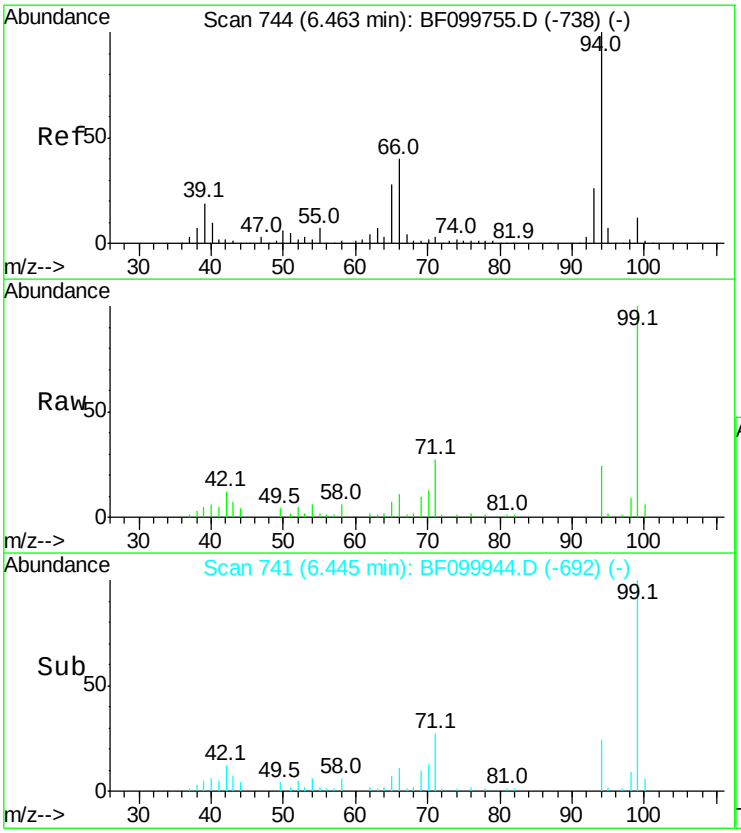
#7
Phenol-d6
Concen: 30.644 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 243843

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.3	25.4	38.0

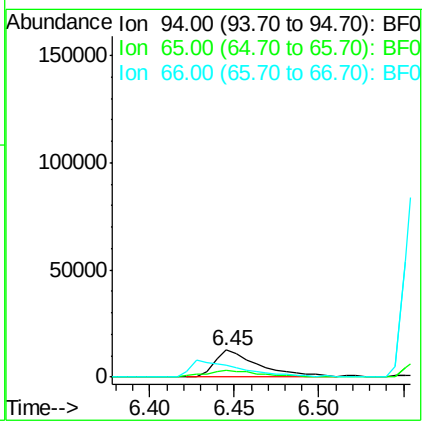


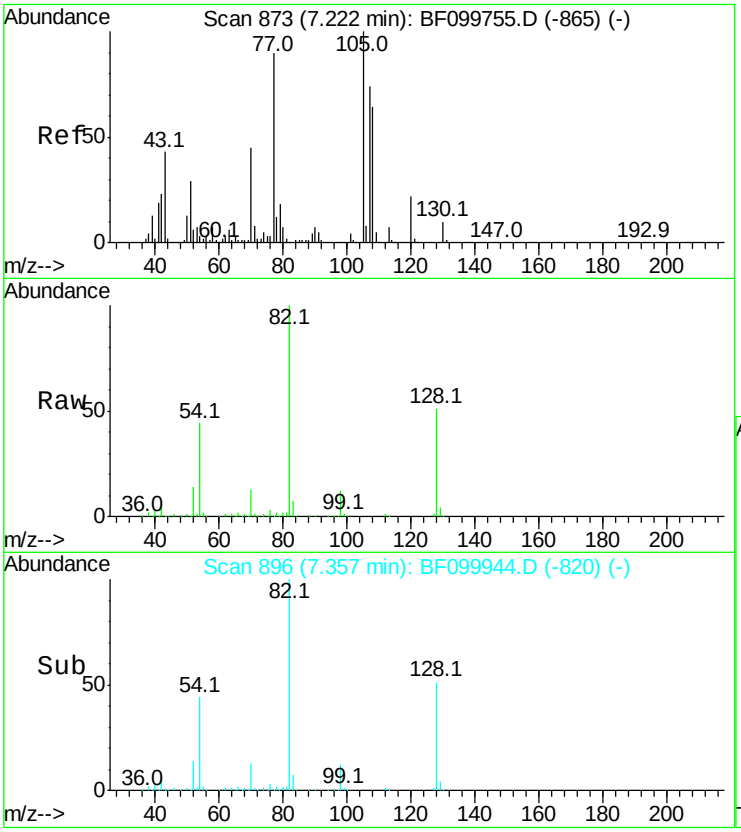


#10
Phenol
Concen: 2.610 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion: 94 Resp: 22803

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	44.0	16.2	56.2



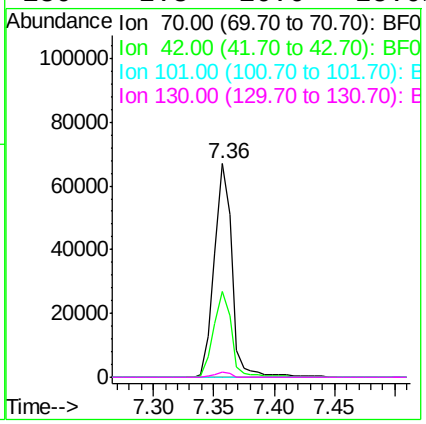


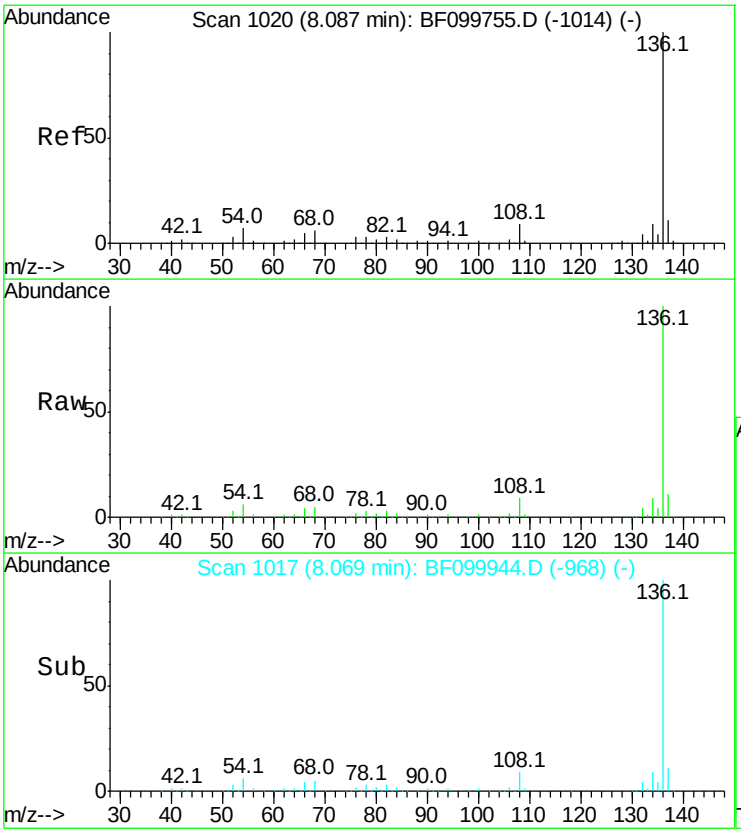
#19
n-Nitroso-di-n-propylamine
Concen: 14.394 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67123

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

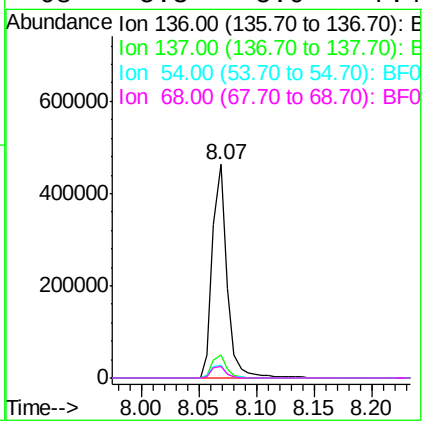


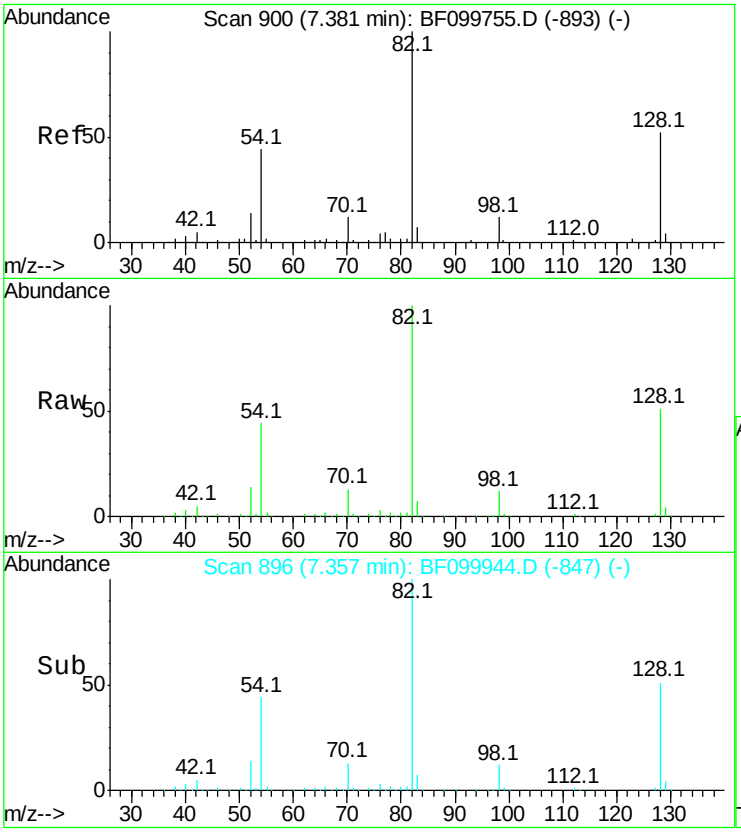


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:136 Resp: 409020

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.2	6.6	9.8#
68	5.3	5.0	7.4

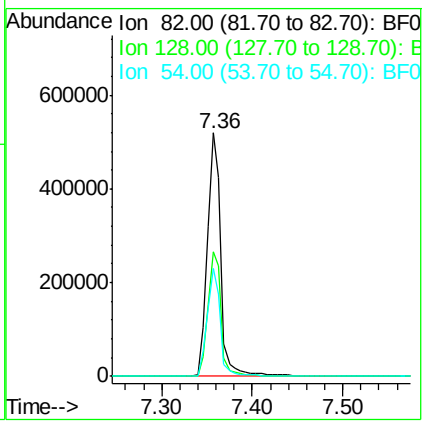




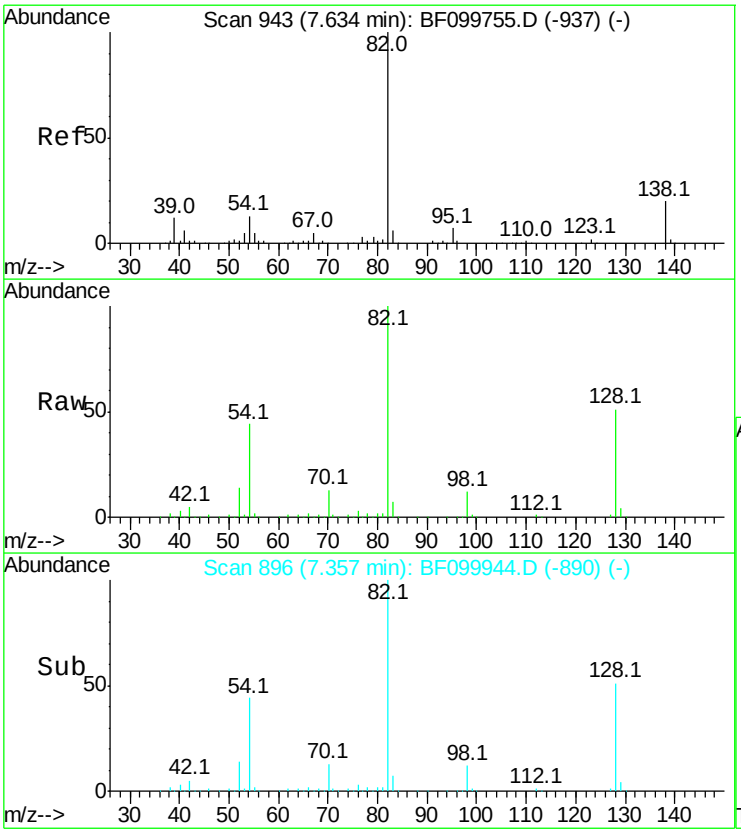
#23
Nitrobenzene-d5
Concen: 85.946 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion: 82 Resp: 546030

Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	44.3	41.4	62.2



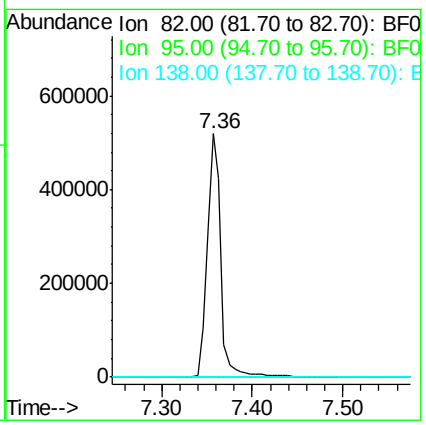
Instrument :
BNA_F
ClientSampleId :

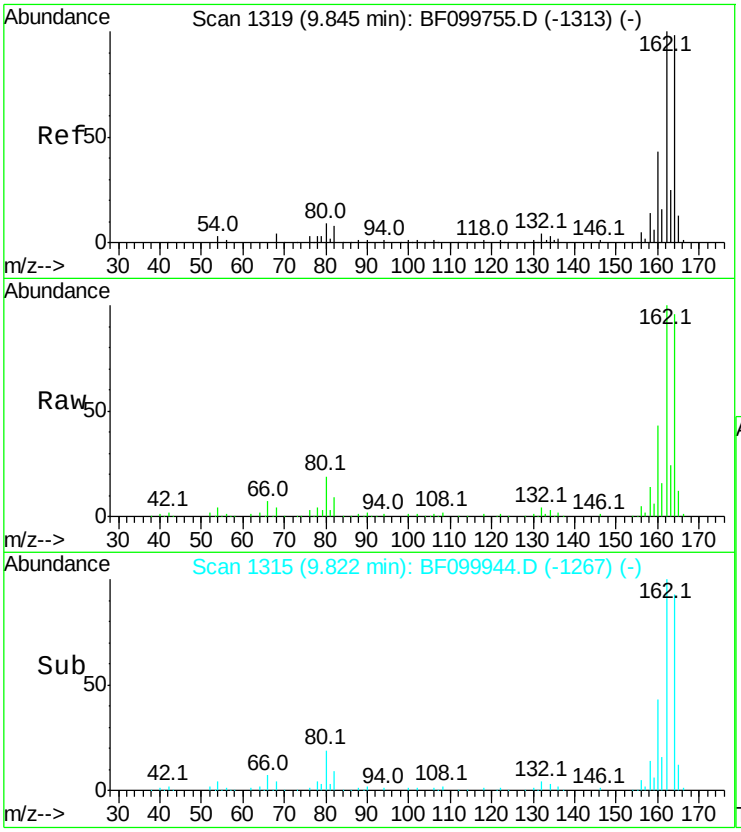


#25
Isophorone
Concen: 47.364 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion: 82 Resp: 546030

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



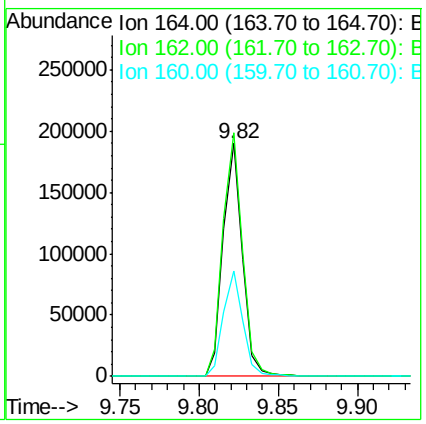


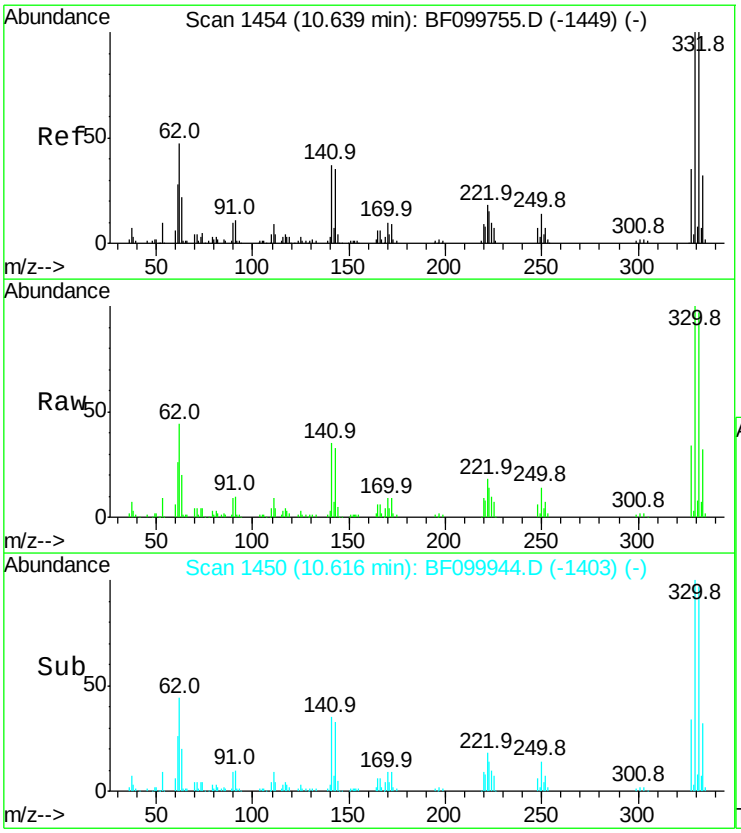
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 159960

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.0	38.3	57.5

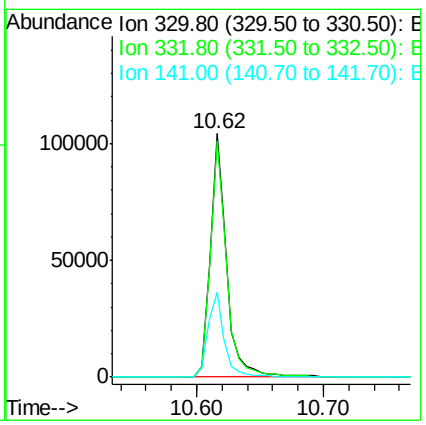


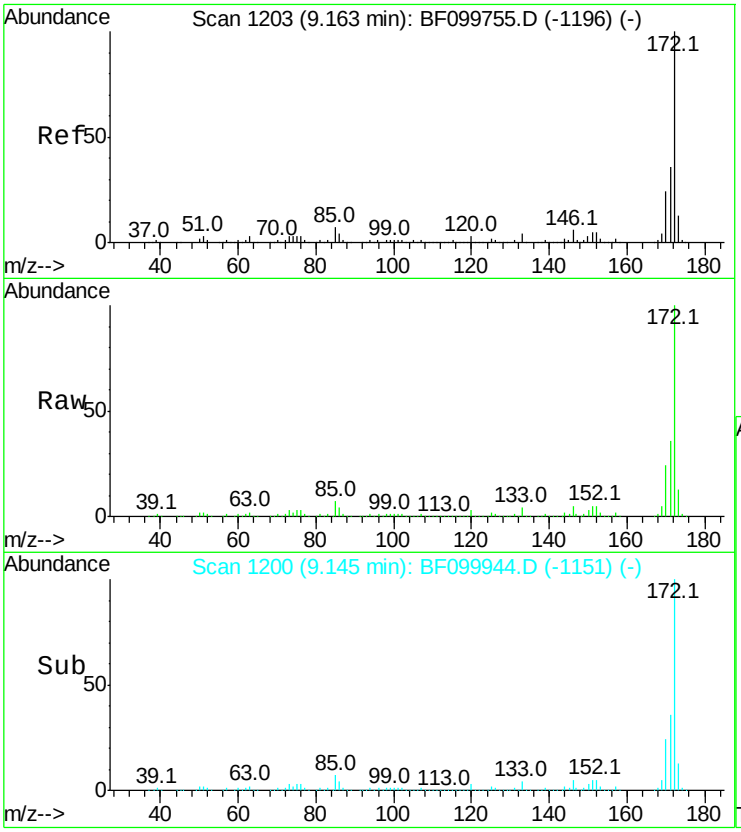


#41
2,4,6-Tribromophenol
Concen: 64.847 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:330 Resp: 94530

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.1	29.9	44.9



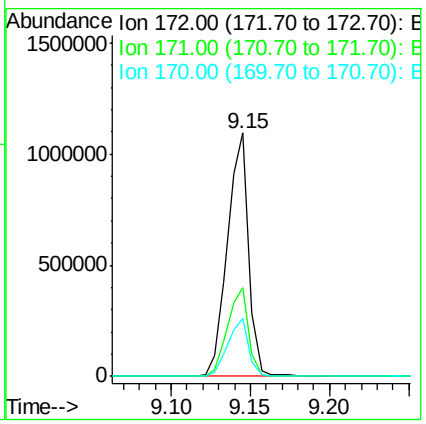


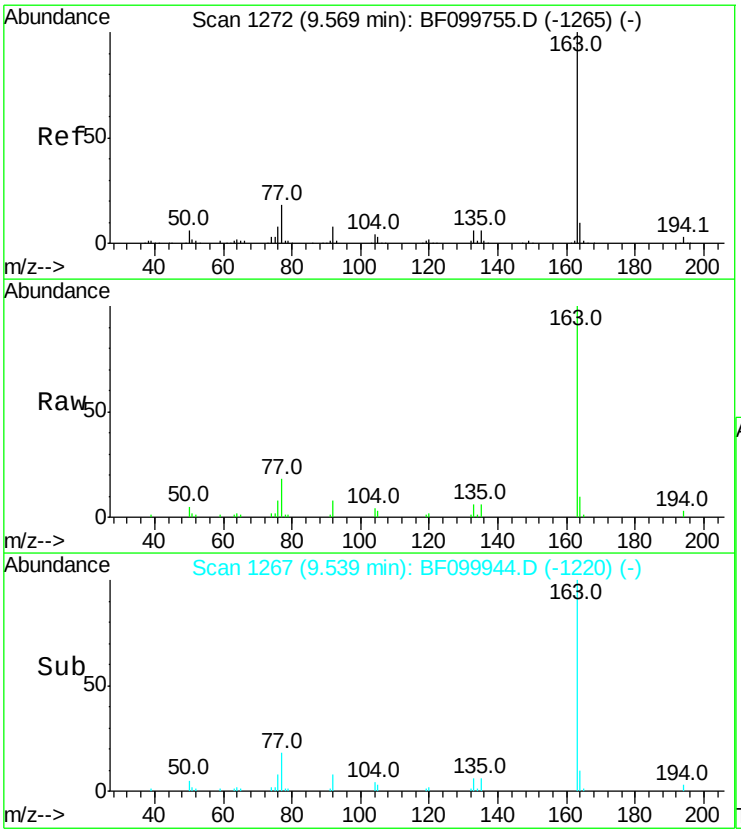
#44
2-Fluorobiphenyl
Concen: 97.696 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1012903

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

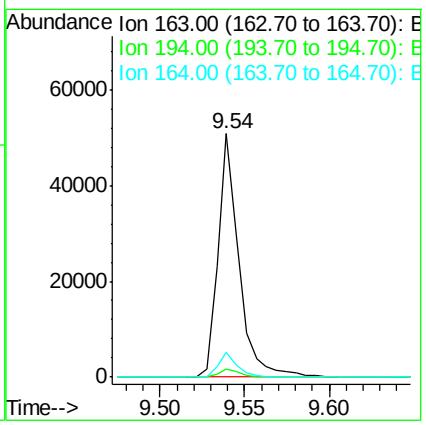


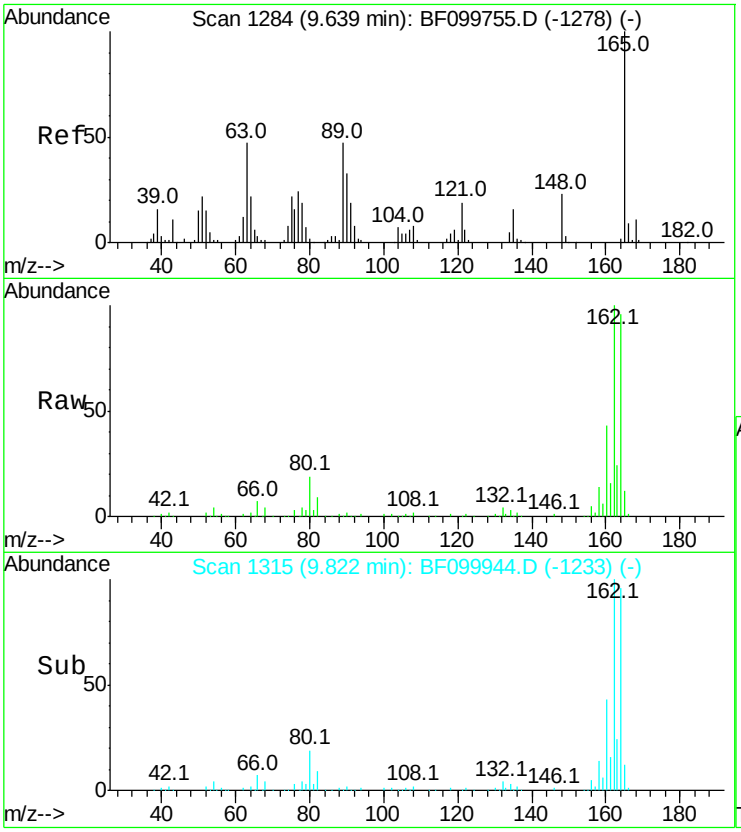


#49
Dimethylphthalate
Concen: 3.472 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:163 Resp: 43984

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



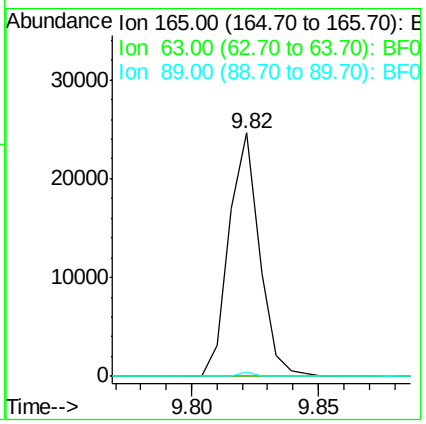


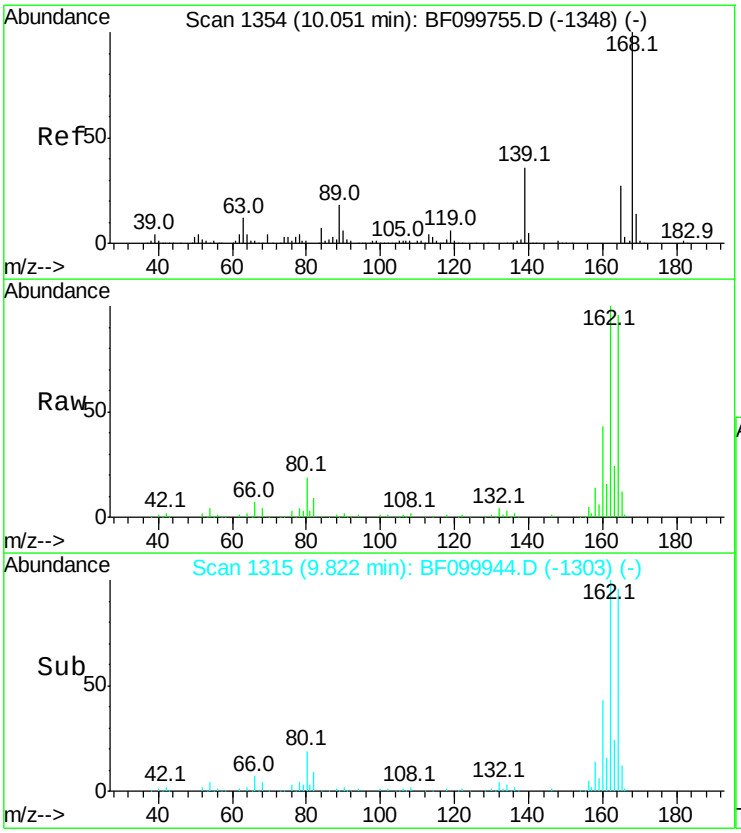
#50
2,6-Dinitrotoluene
Concen: 7.717 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20551

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#

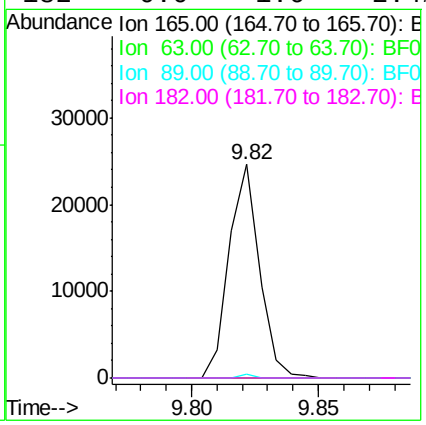


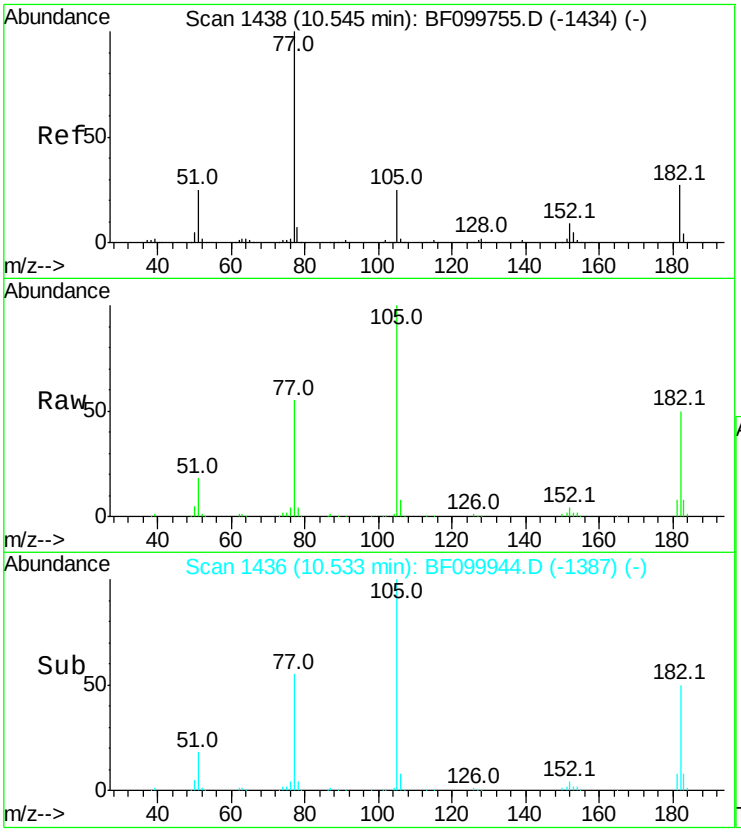


#56
2,4-Dinitrotoluene
Concen: 6.408 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:165 Resp: 20551

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



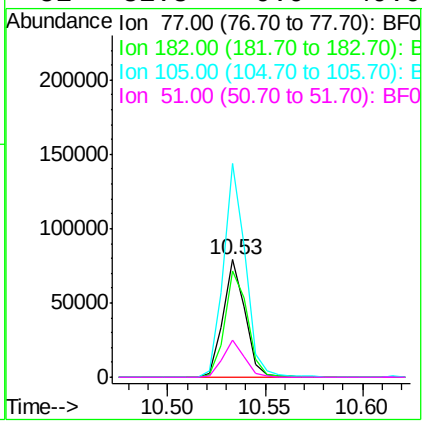


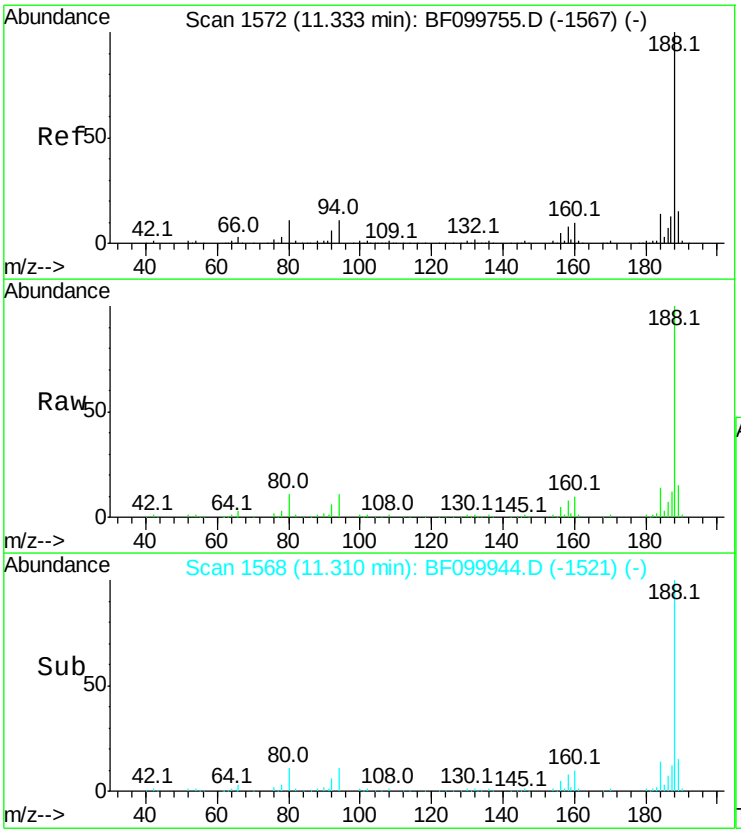
#62
Azobenzene
Concen: 5.960 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 61803

Ion	Ratio	Lower	Upper
77	100		
182	90.2	1.7	41.7#
105	181.7	3.0	43.0#
51	31.8	9.9	49.9

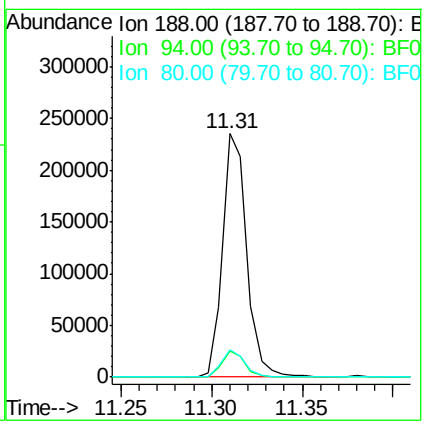


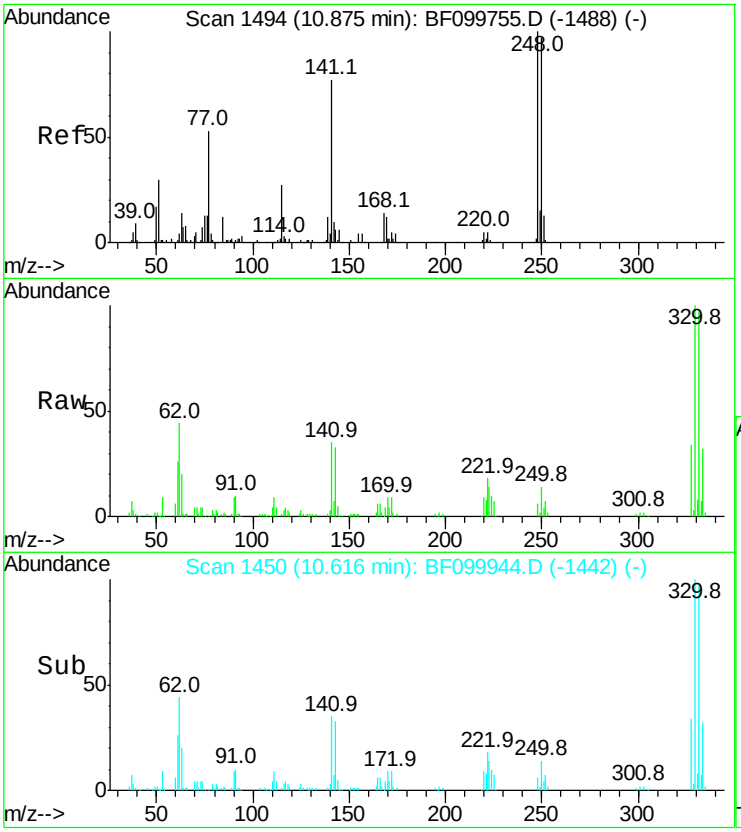


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:188 Resp: 218927

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8



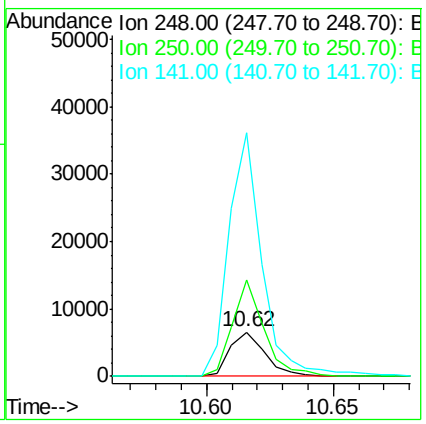


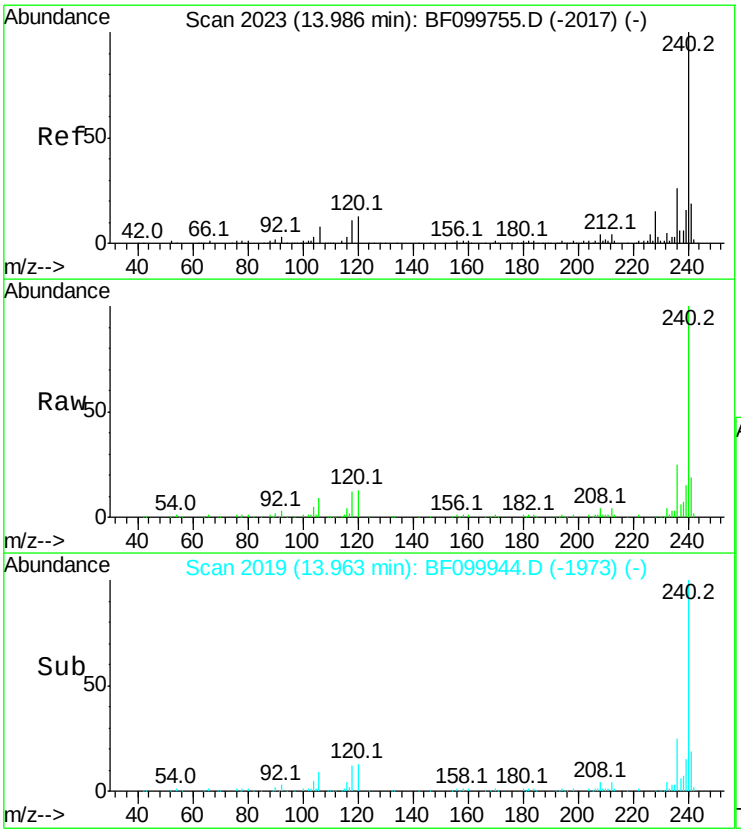
#66
4-Bromophenyl-phenylether
Concen: 2.745 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6326

Ion	Ratio	Lower	Upper
248	100		
250	218.6	76.9	115.3#
141	550.7	74.4	111.6#

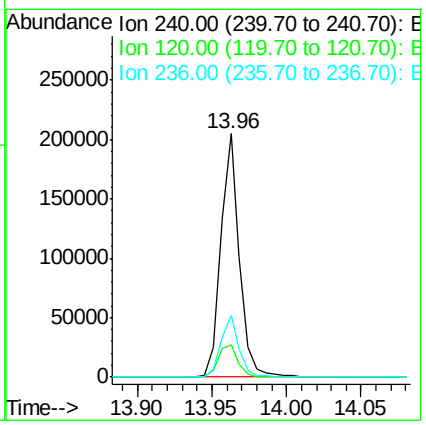


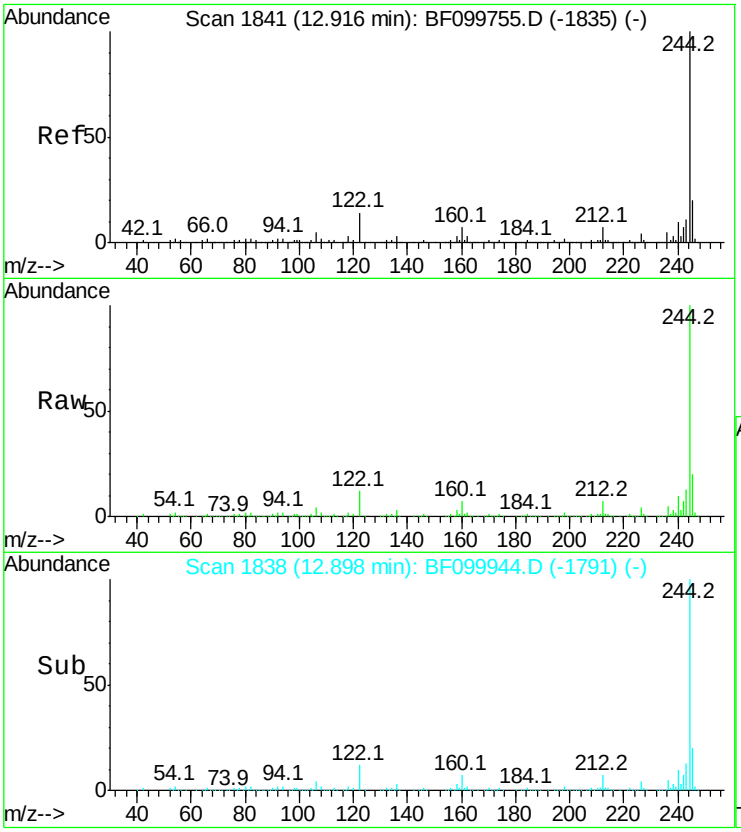


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:240 Resp: 179167

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.5	20.7	31.1



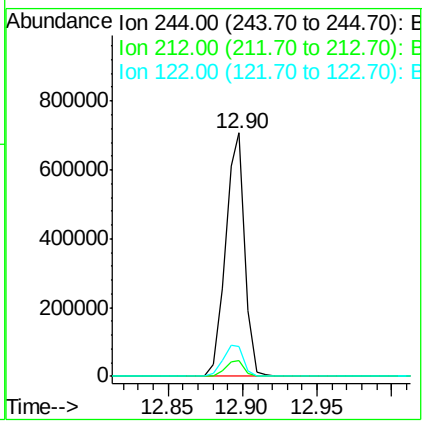


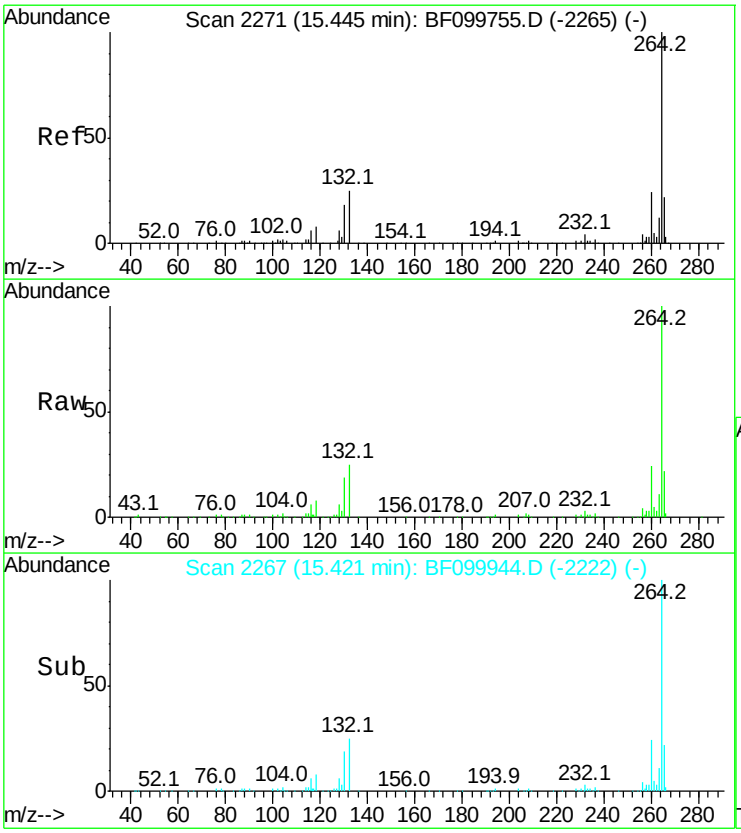
#78
Terphenyl-d14
Concen: 78.373 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 642536

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF099944.D
Acq: 29 Oct 2017 5:36

Tgt Ion:264 Resp: 173203

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3