Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099711.D
Acq On : 20 Oct 2017 20:01
Operator : SJ/JU
Sample : I5950-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 21 21:25:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	77682	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	299427	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	119387	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	175837	20.00	ng		-0.01
75) Chrysene-d12	13.97	240	161279	20.00	ng		-0.01
86) Perylene-d12	15.44	264	153833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	386623	79.23	ng		0.00
7) Phenol-d6	6.45	99	447282	74.30	ng		-0.01
23) Nitrobenzene-d5	7.38	82	248341	53.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	66979	68.56	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	427306	59.75	ng		-0.01
78) Terphenyl-d14	12.92	244	275250	38.81	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	7135	2.043	ng		89
10) Phenol	6.46	94	15002	2.228	ng		89
19) n-Nitroso-di-n-propylamine	7.38	70	30159	7.847	ng	#	71
25) Isophorone	7.38	82	248341	25.726	ng	#	64
49) Dimethylphthalate	9.56	163	35138	3.900	ng		99
50) 2,6-Dinitrotoluene	9.85	165	14596	7.441	ng	#	24
56) 2,4-Dinitrotoluene	9.85	165	14596	5.733	ng	#	21
62) Azobenzene	10.56	77	64403	7.955	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	4502	2.616	ng	#	1

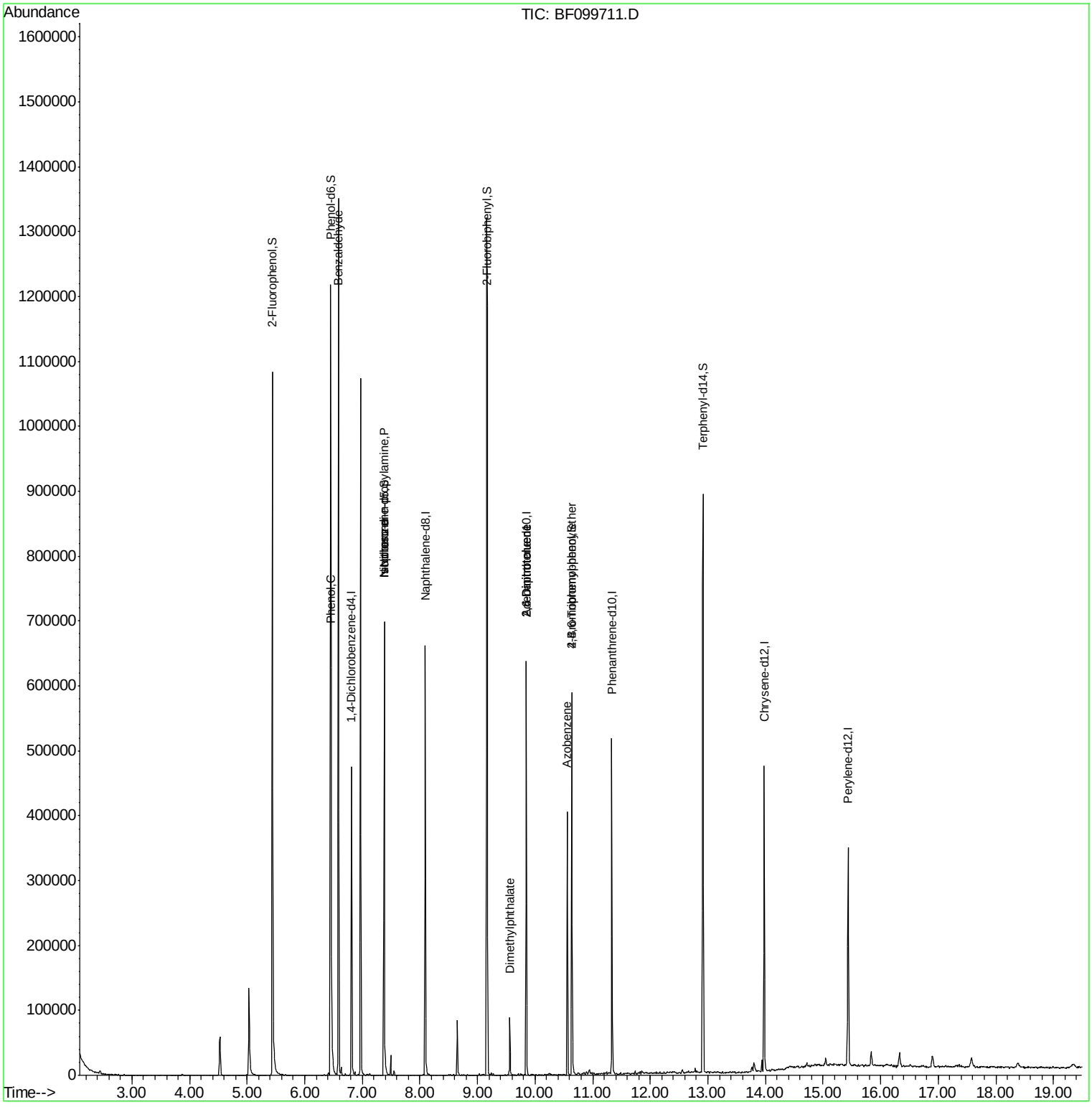
(#) = qualifier out of range (m) = manual integration (+) = signals summed

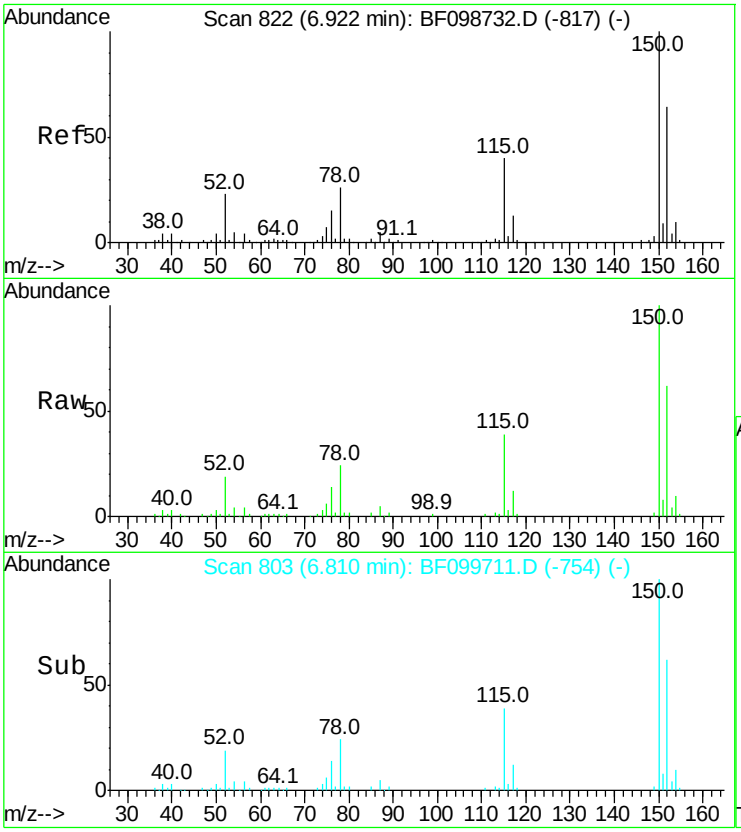
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099711.D
Acq On : 20 Oct 2017 20:01
Operator : SJ/JU
Sample : I5950-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 21 21:25:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration



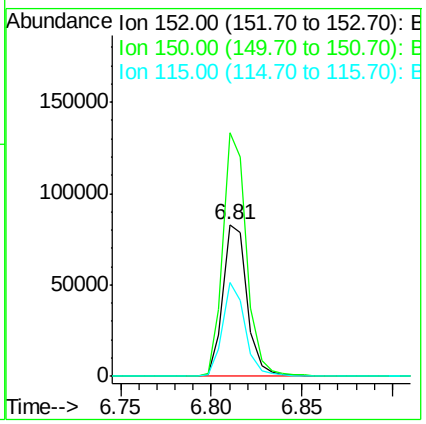


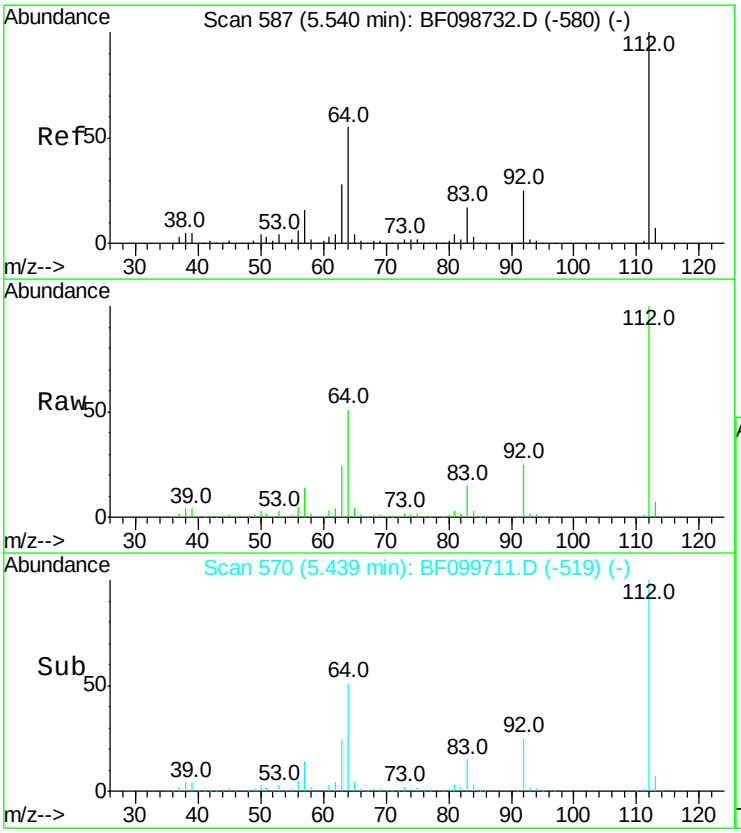
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77682

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	62.0	50.1	75.1

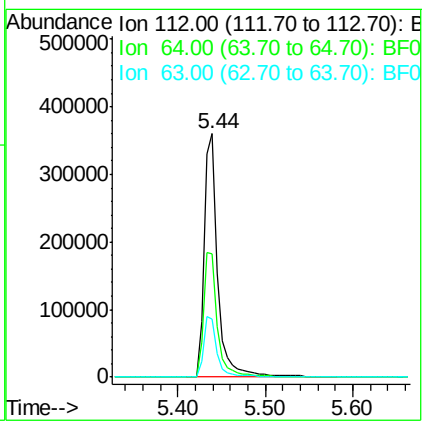


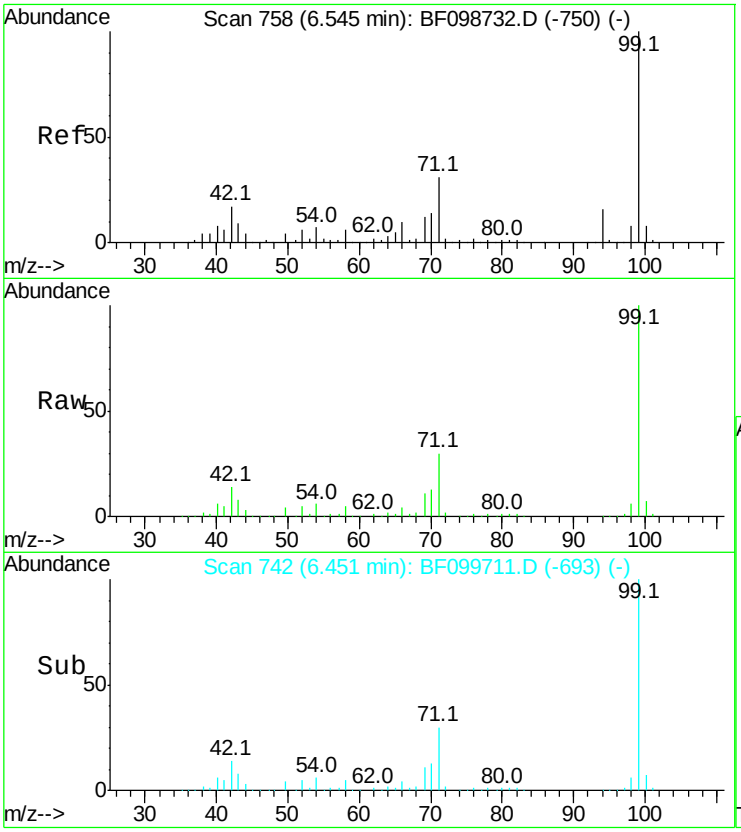


#5
2-Fluorophenol
Concen: 79.229 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:112 Resp: 386623

Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.1	23.7	35.5



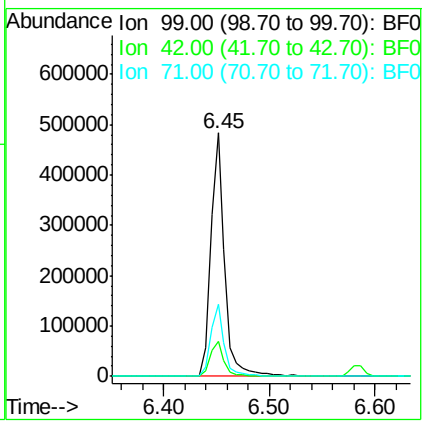


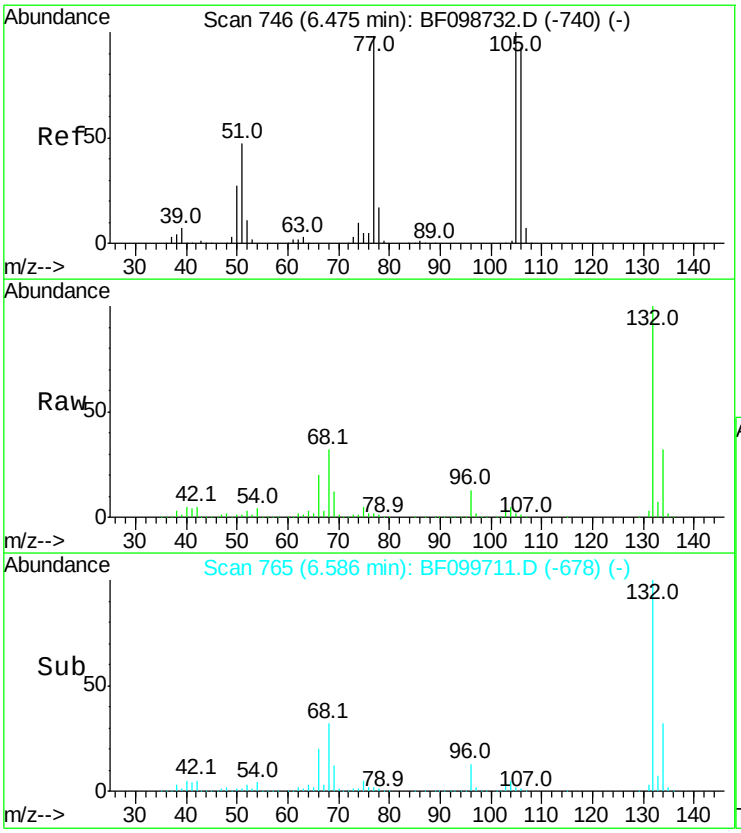
#7
Phenol-d6
Concen: 74.302 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 447282

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.8	25.4	38.0

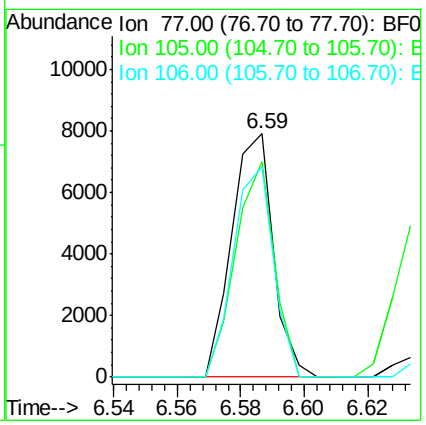


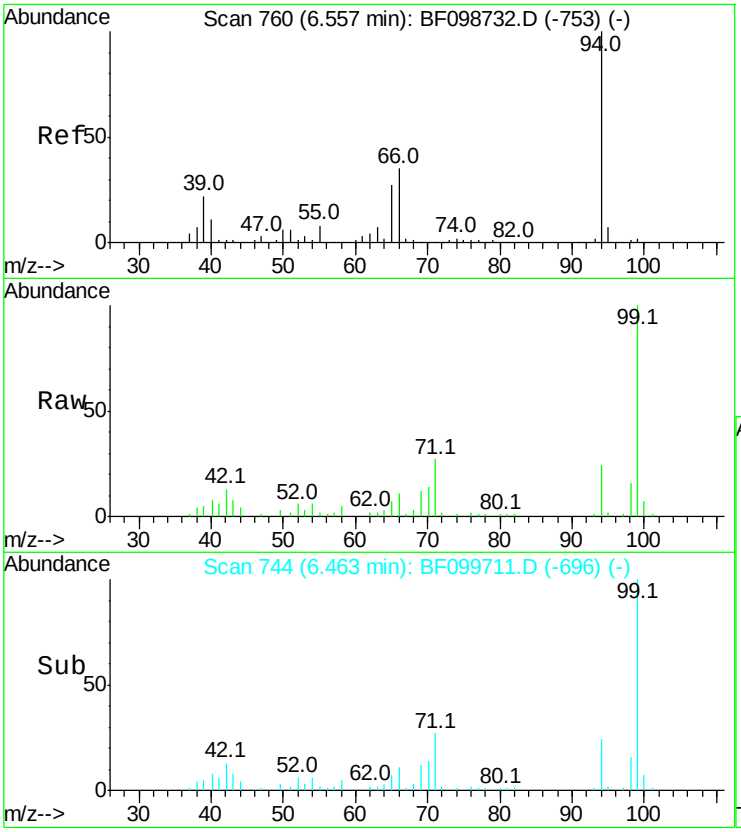


#9
Benzaldehyde
Concen: 2.043 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion: 77 Resp: 7135

Ion	Ratio	Lower	Upper
77	100		
105	88.6	81.1	121.1
106	86.3	74.5	114.5



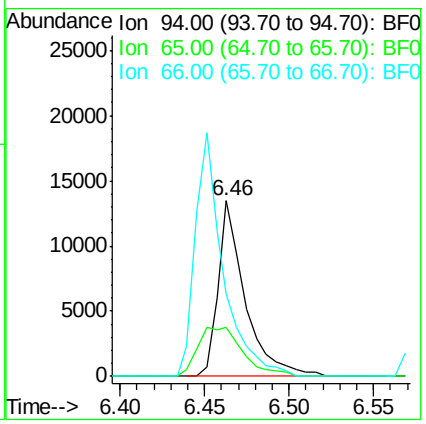


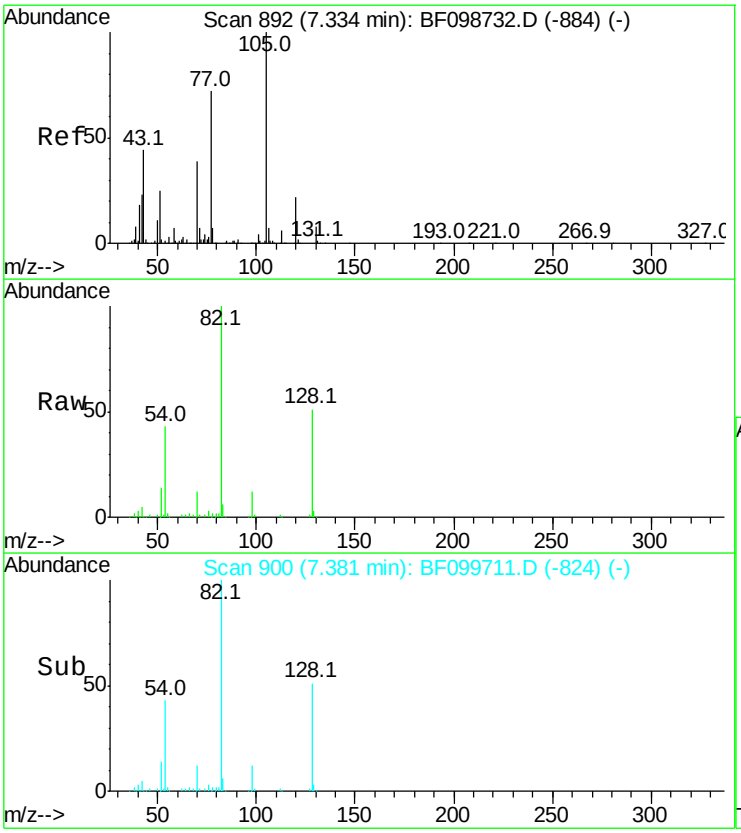
#10
Phenol
Concen: 2.228 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 15002

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	47.1	16.2	56.2

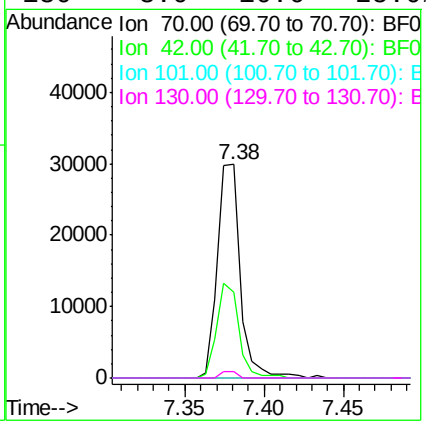


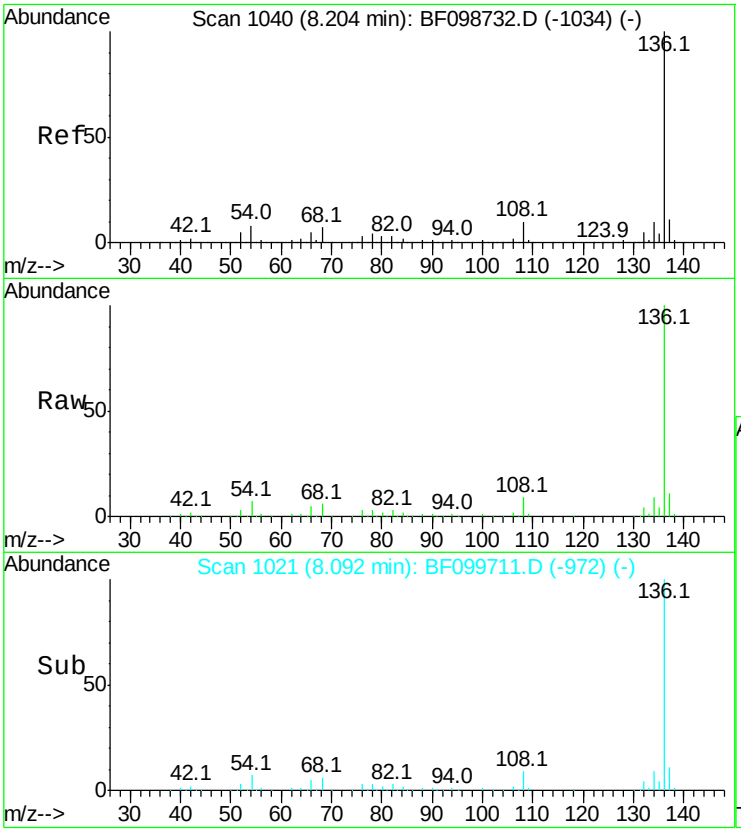


#19
n-Nitroso-di-n-propylamine
Concen: 7.847 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion: 70 Resp: 30159

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.5	71.3#
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#



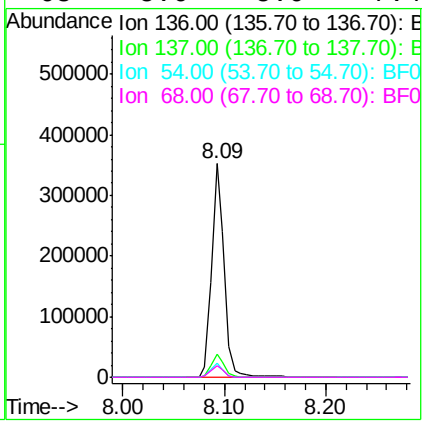


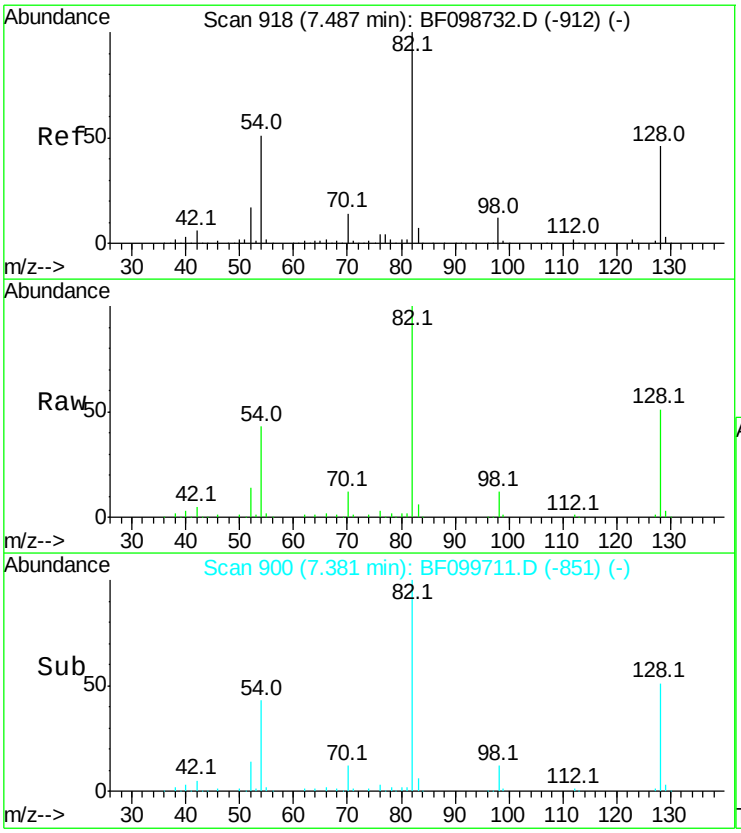
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 299427

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4

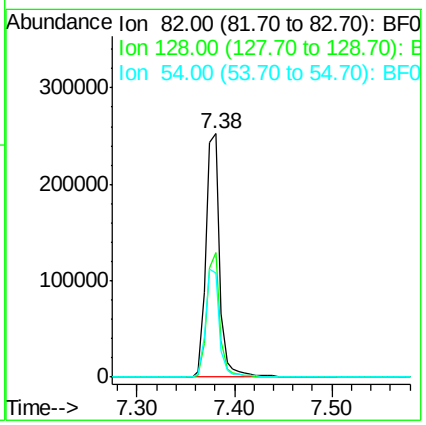


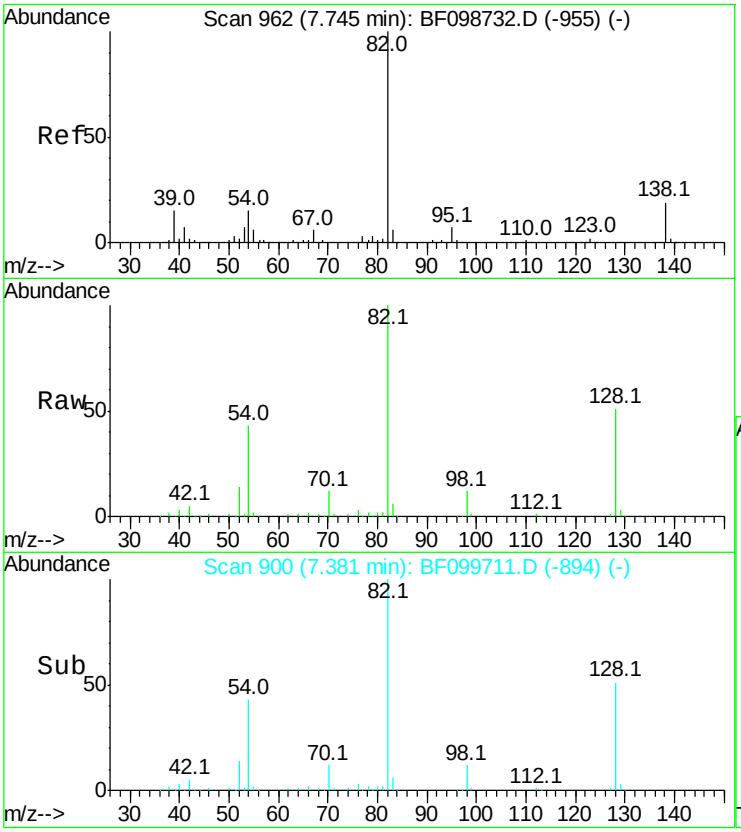


#23
Nitrobenzene-d5
Concen: 53.189 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion: 82 Resp: 248341

Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	42.6	41.4	62.2



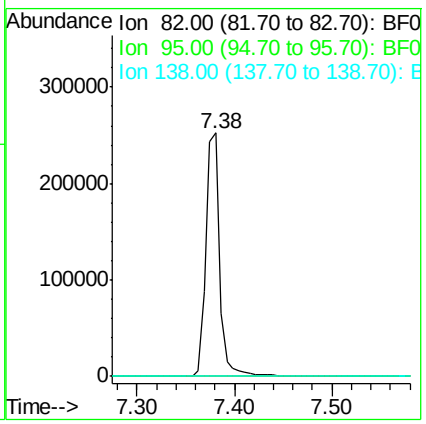


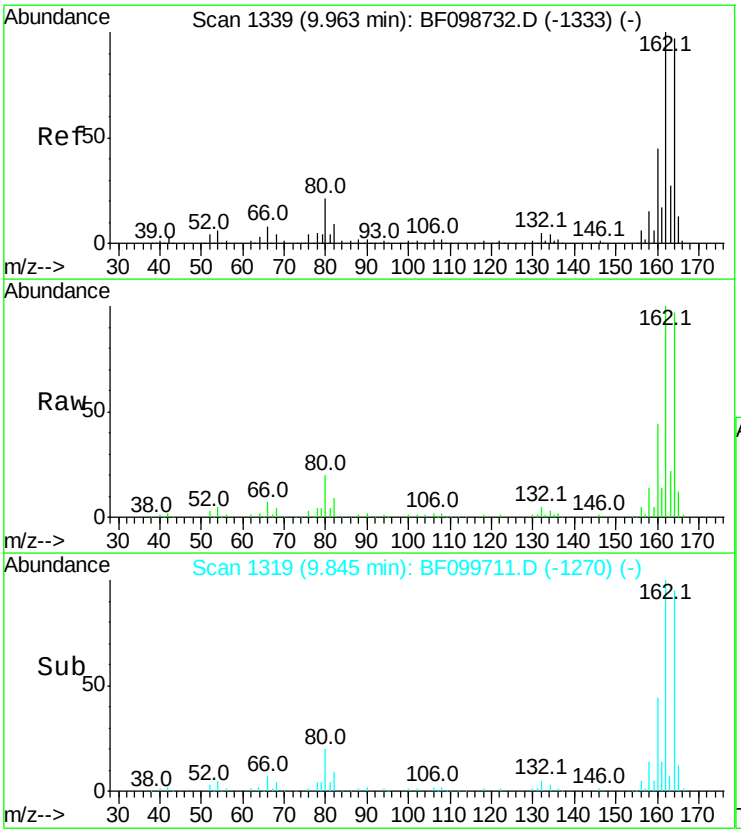
#25
Isophorone
Concen: 25.726 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 248341

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

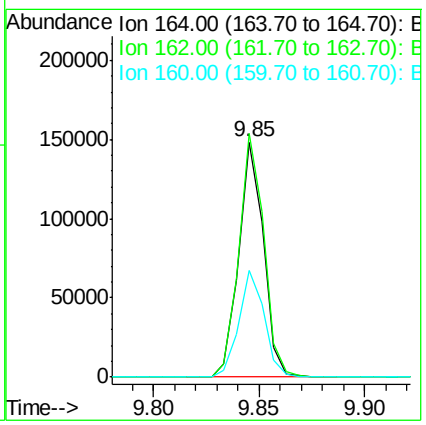


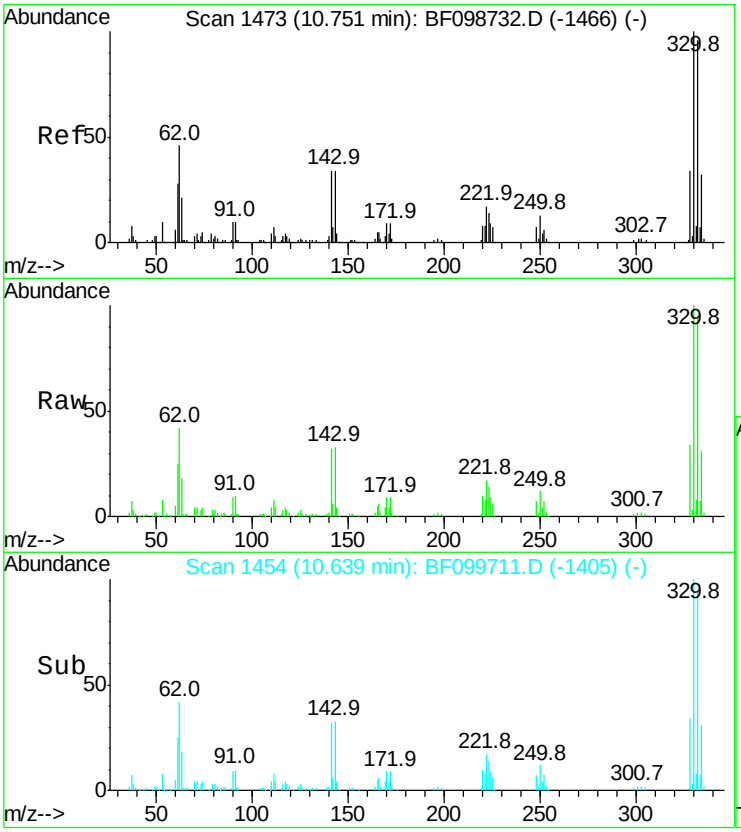


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:164 Resp: 119387

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.2	38.3	57.5



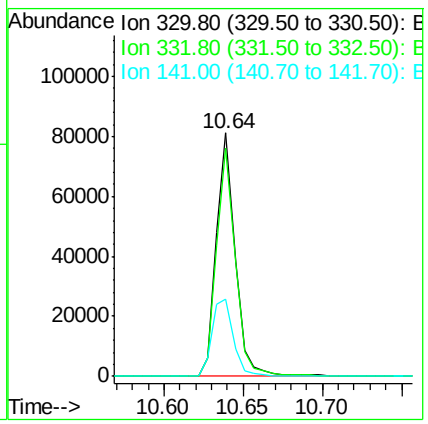


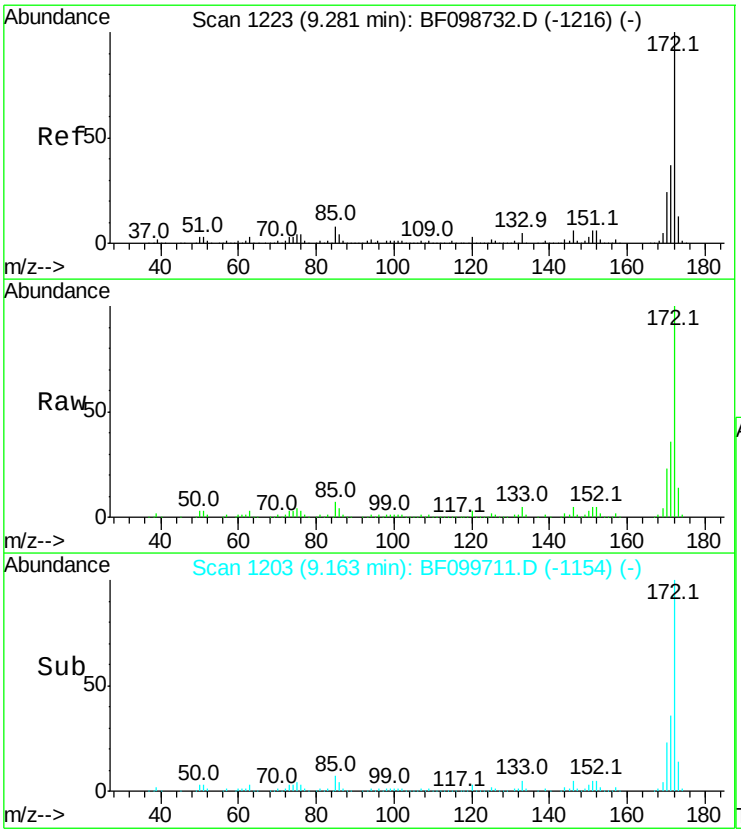
#41
2,4,6-Tribromophenol
Concen: 68.562 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 66979

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	36.4	29.9	44.9

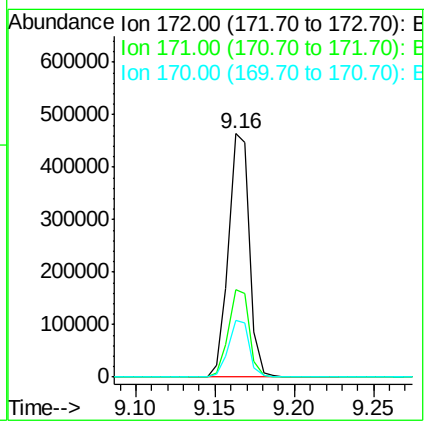


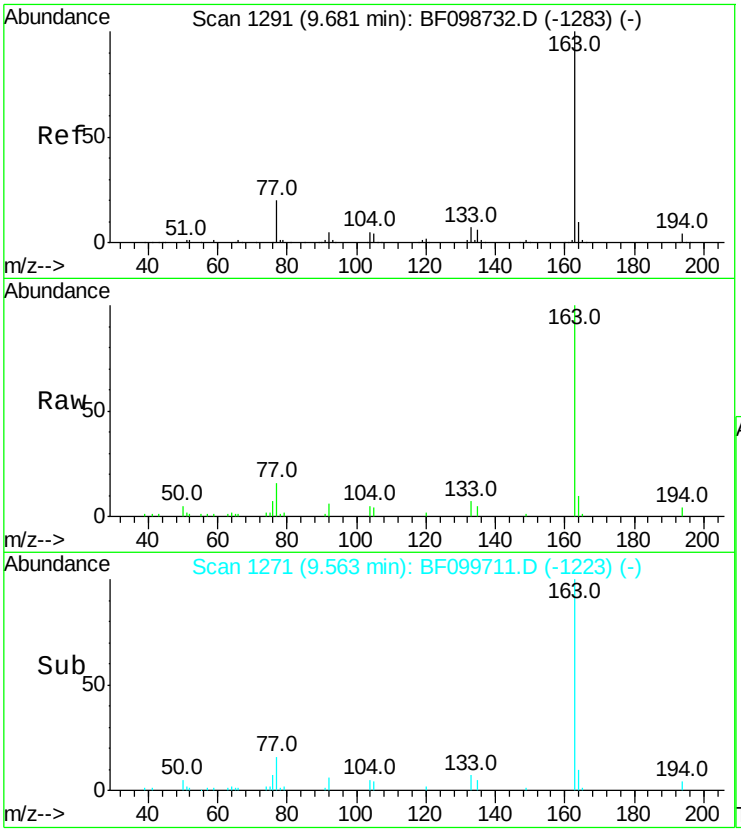


#44
2-Fluorobiphenyl
Concen: 59.751 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:172 Resp: 427306

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.3	19.6	29.4



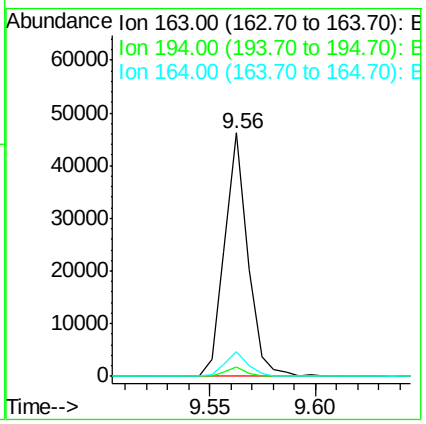


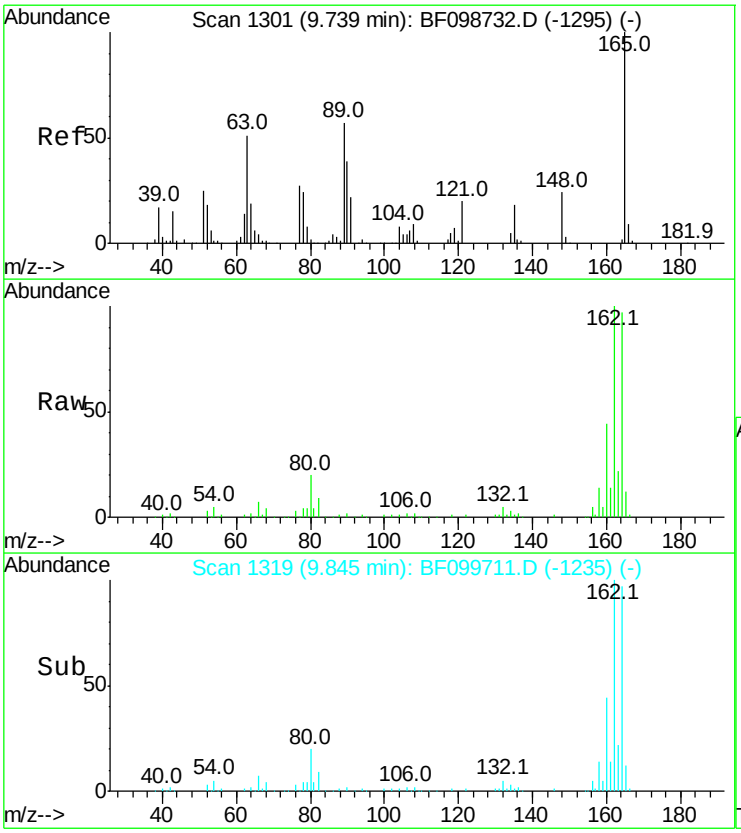
#49
Dimethylphthalate
Concen: 3.900 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35138

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

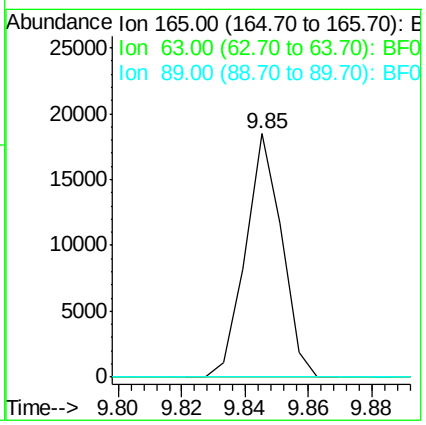


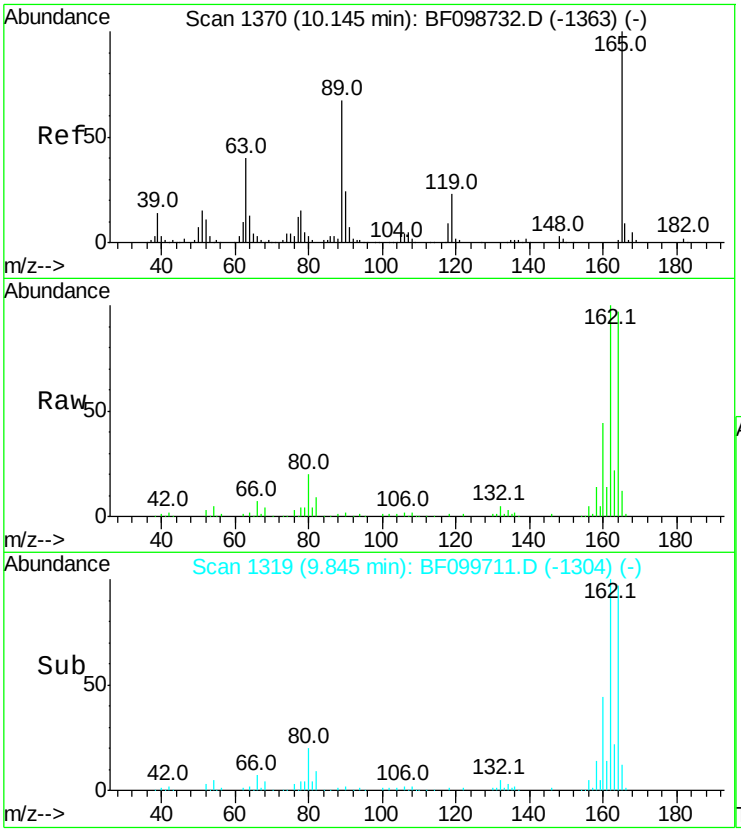


#50
2,6-Dinitrotoluene
Concen: 7.441 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.19 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:165 Resp: 14596

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



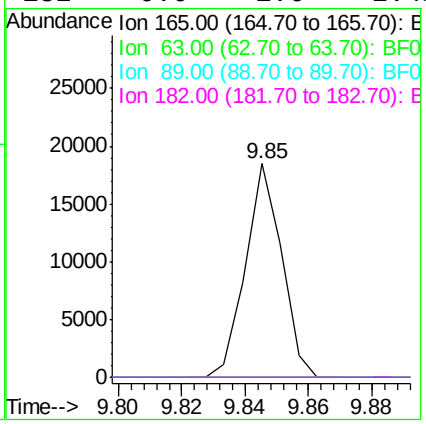


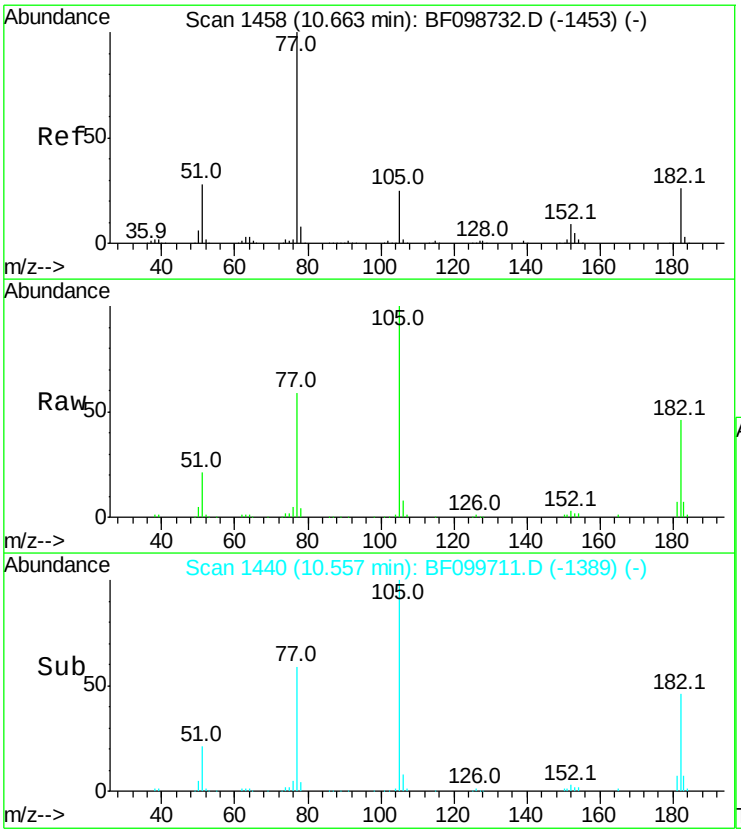
#56
2,4-Dinitrotoluene
Concen: 5.733 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14596

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#

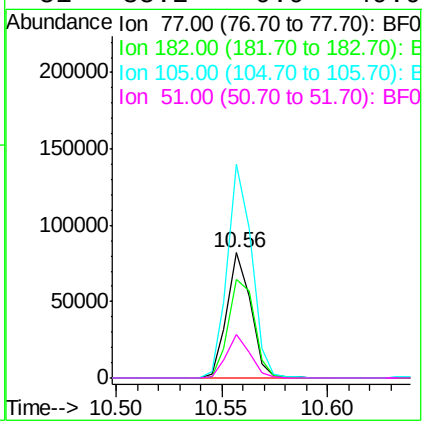


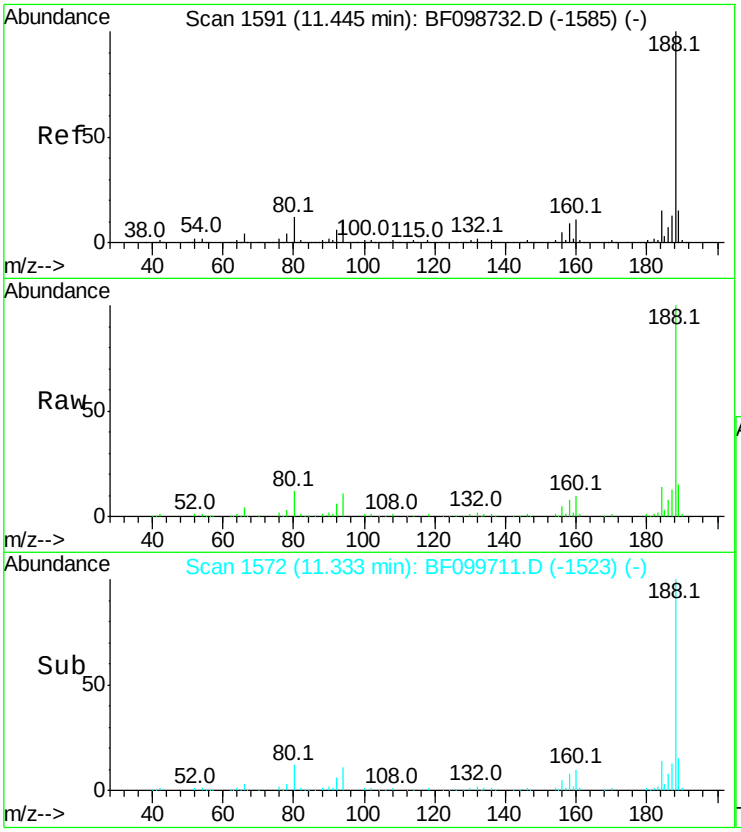


#62
Azobenzene
Concen: 7.955 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion: 77 Resp: 64403

Ion	Ratio	Lower	Upper
77	100		
182	78.6	1.7	41.7#
105	170.7	3.0	43.0#
51	35.2	9.9	49.9



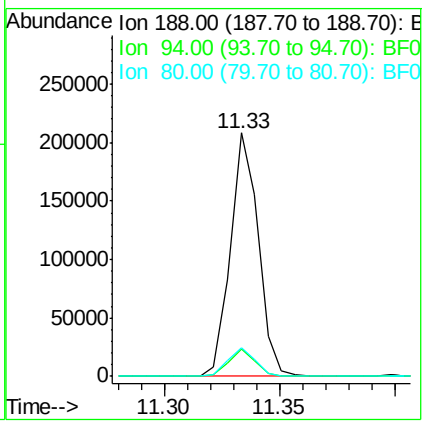


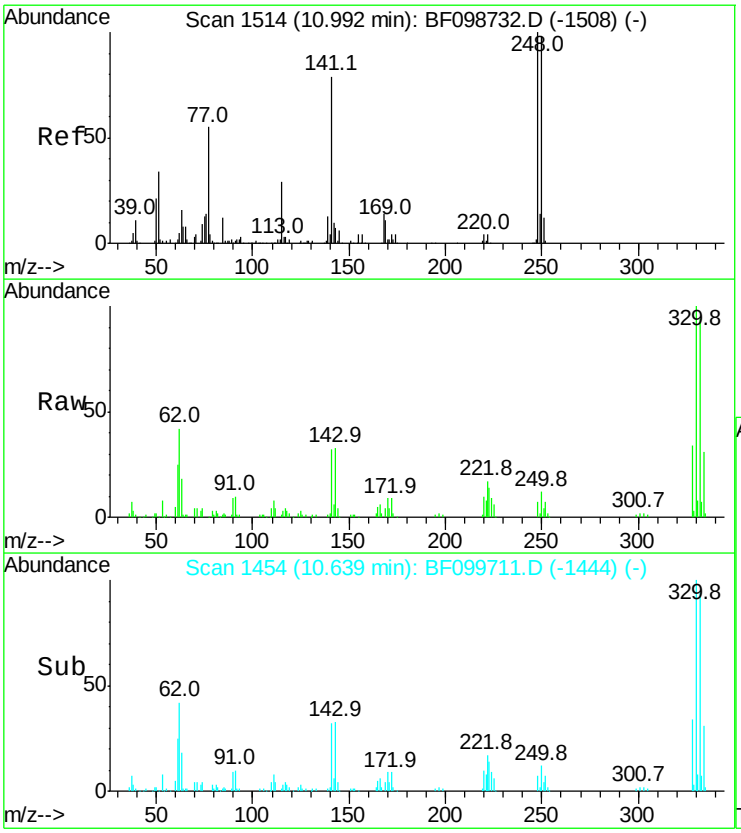
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 175837

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.2	13.8

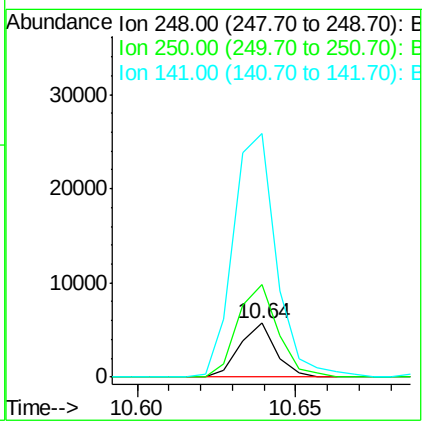


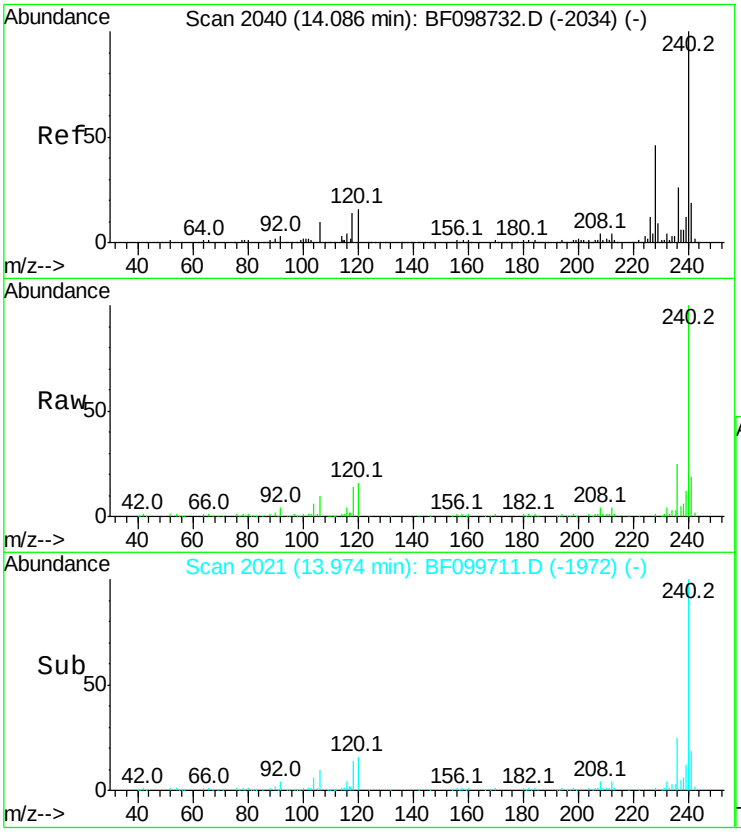


#66
4-Bromophenyl-phenylether
Concen: 2.616 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:248 Resp: 4502

Ion	Ratio	Lower	Upper
248	100		
250	172.2	76.9	115.3#
141	451.9	74.4	111.6#



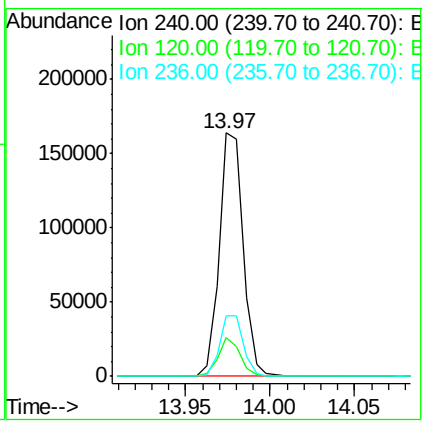


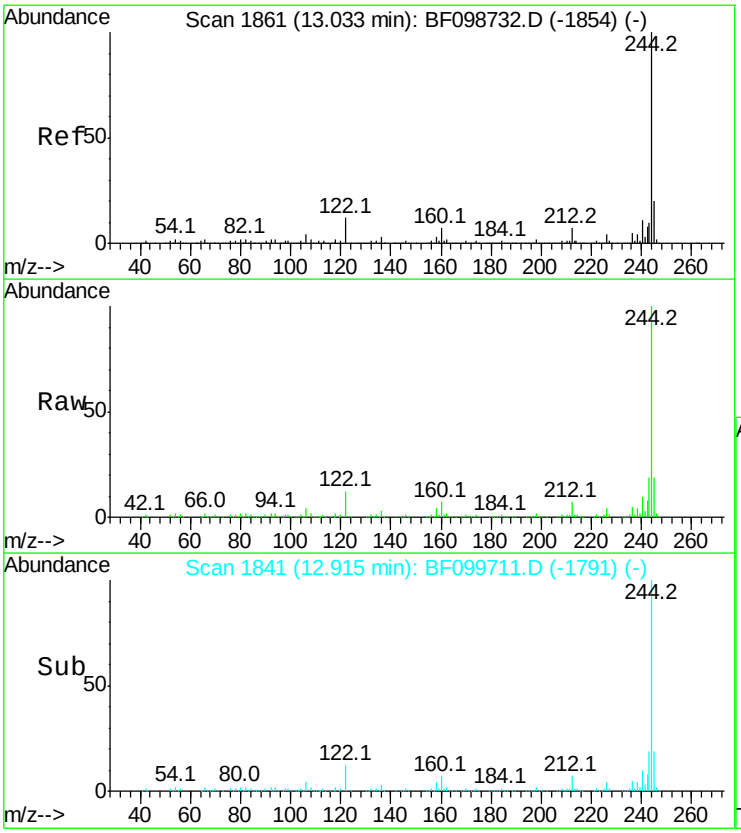
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 161279

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.0	20.7	31.1

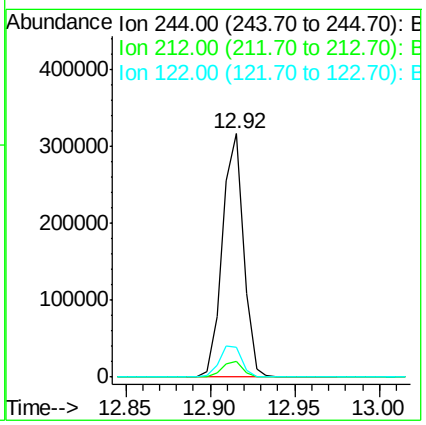


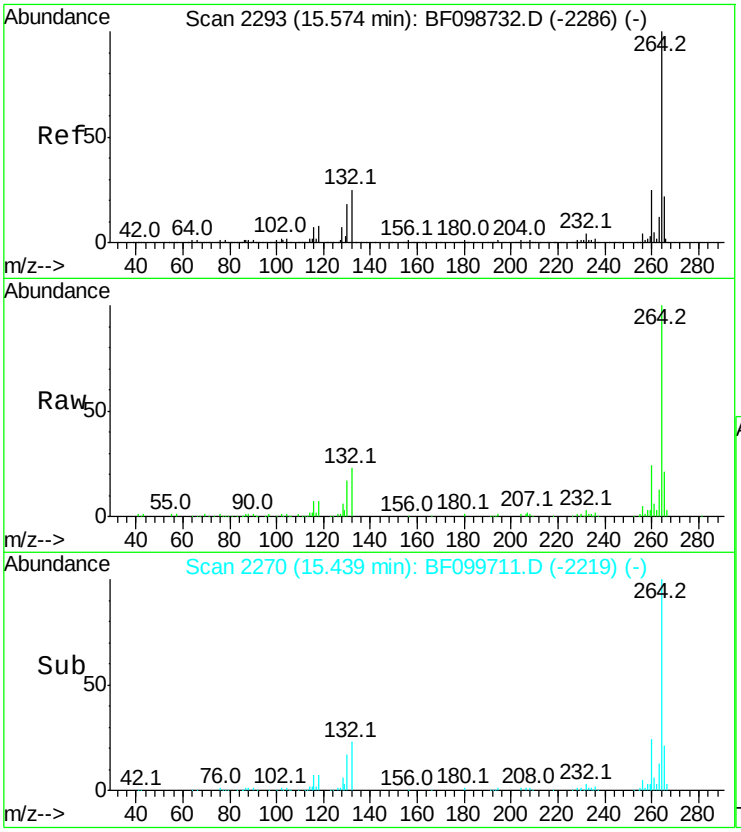


#78
Terphenyl-d14
Concen: 38.813 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Tgt Ion:244 Resp: 275250

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099711.D
Acq: 20 Oct 2017 20:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 153833

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	17.5	26.3