Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099050.D
Acq On : 4 Oct 2017 00:30
Operator : SJ/JU
Sample : I5605-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 04 03:42:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115644	20.00	ng		-0.05
21) Naphthalene-d8	8.16	136	422532	20.00	ng		-0.05
38) Acenaphthene-d10	9.91	164	148349	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	220489	20.00	ng		-0.05
75) Chrysene-d12	14.03	240	235960	20.00	ng		-0.05
86) Perylene-d12	15.51	264	240030	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	894932	123.19	ng		-0.04
7) Phenol-d6	6.50	99	1040400	116.10	ng		-0.04
23) Nitrobenzene-d5	7.44	82	614562	93.28	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	135082	111.28	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	953935	107.35	ng		-0.05
78) Terphenyl-d14	12.98	244	705436	67.99	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	17864	3.44	ng		88
10) Phenol	6.51	94	23272	2.32	ng	#	76
19) n-Nitroso-di-n-propylamine	7.43	70	78820	13.78	ng	#	74
25) Isophorone	7.44	82	605995	44.49	ng	#	64
49) Dimethylphthalate	9.62	163	116587	10.41	ng		100
56) 2,4-Dinitrotoluene	9.91	165	19117	6.04	ng	#	23
66) 4-Bromophenyl-phenylether	10.70	248	9391	4.35	ng	#	1

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

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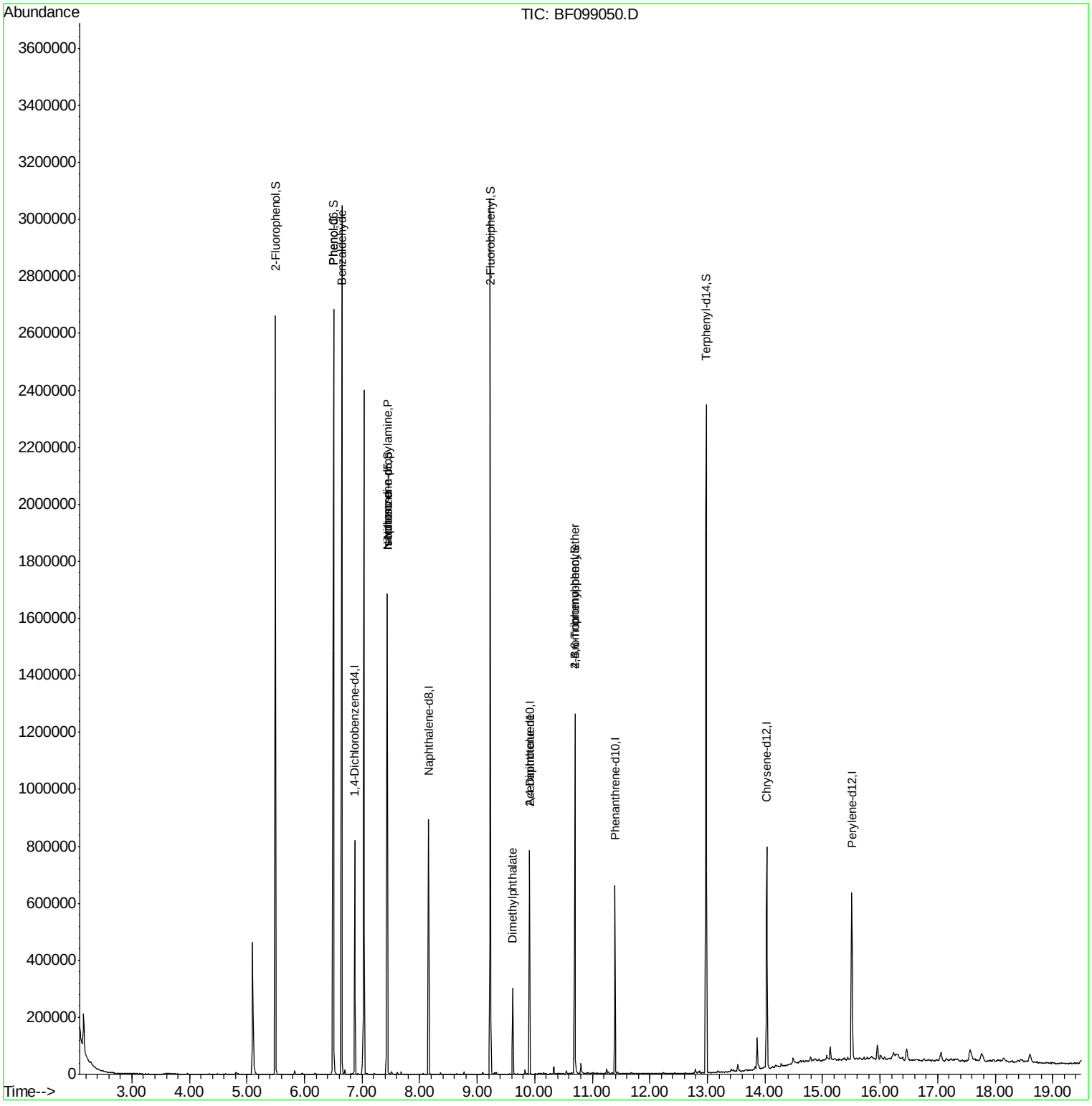
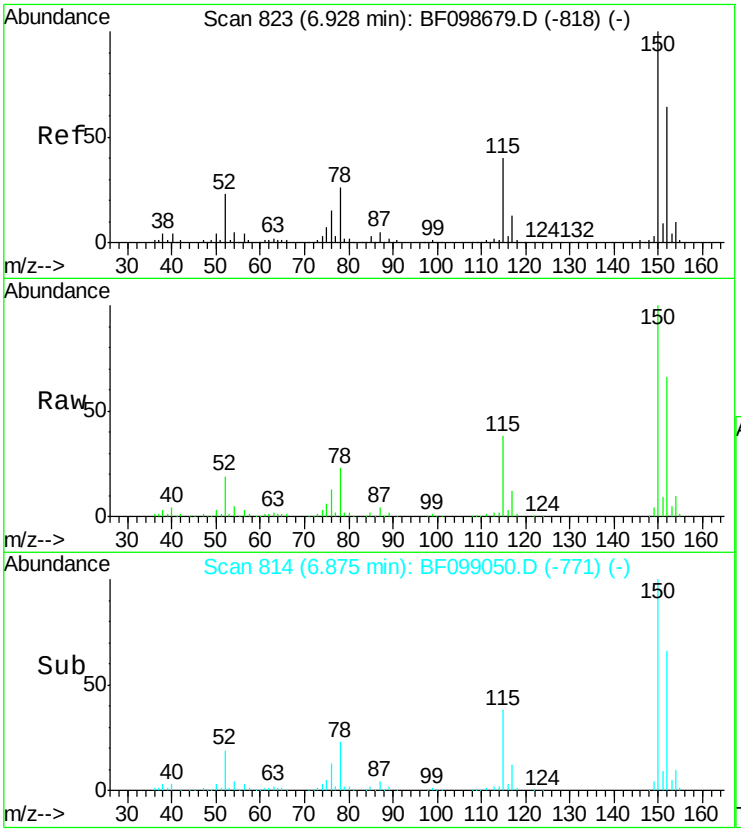


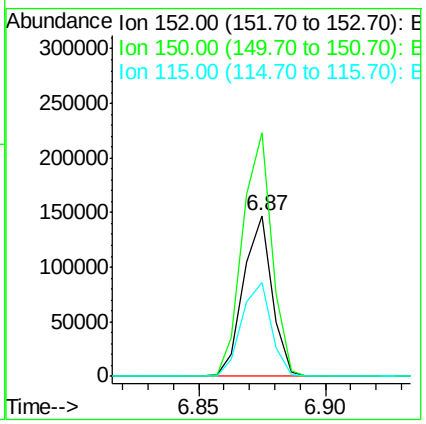


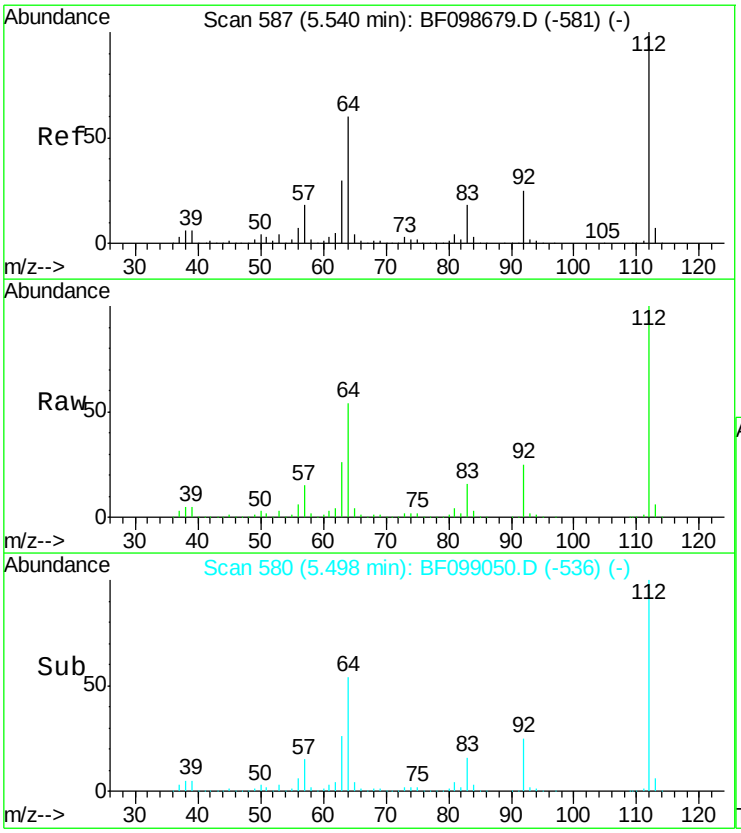
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115644

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.6	186.8
115	58.0	50.1	75.1

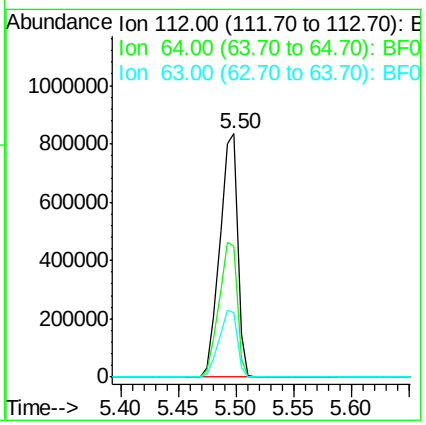


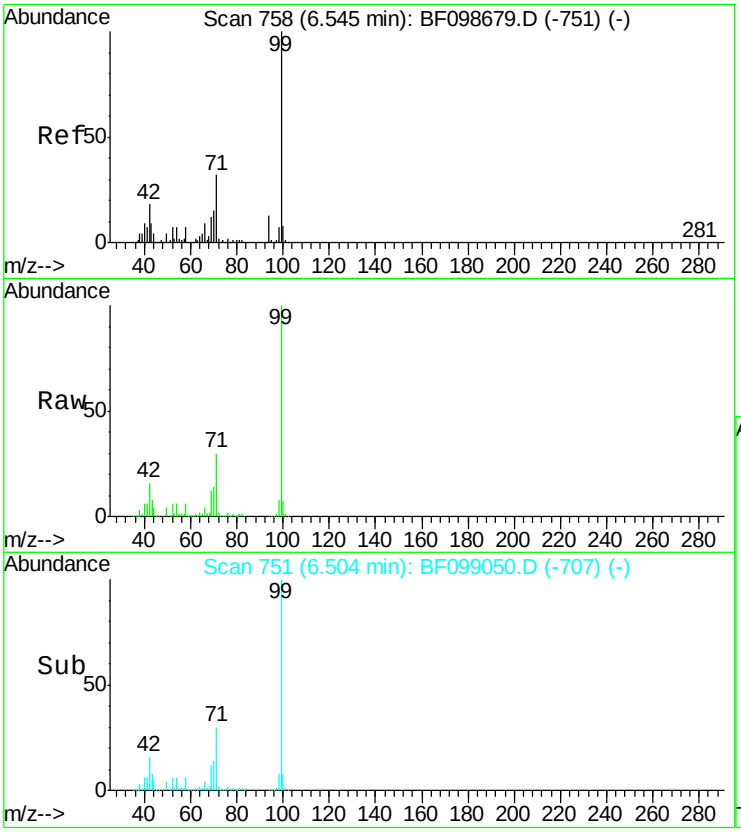


#5
2-Fluorophenol
Concen: 123.19 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:112 Resp: 894932

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.2	23.7	35.5



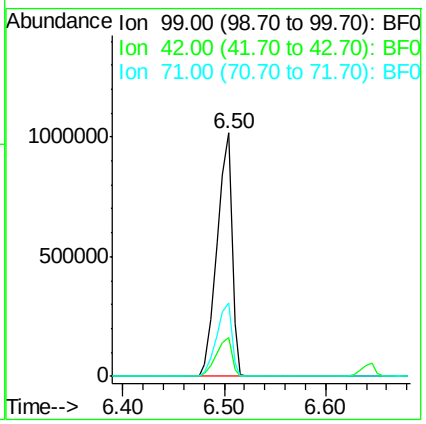


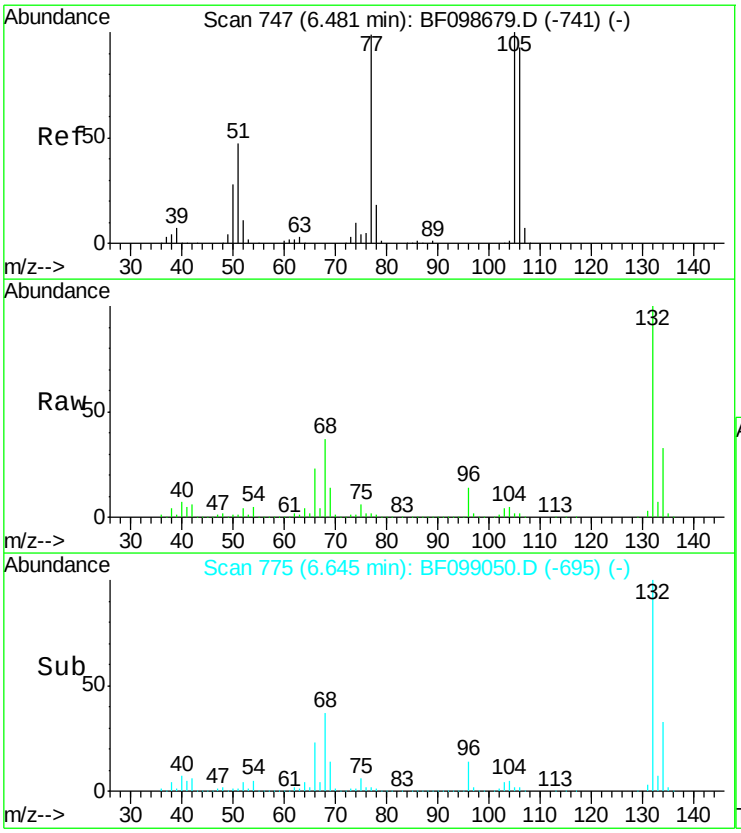
#7
Phenol-d6
Concen: 116.10 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.04 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1040400

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	30.3	25.4	38.0

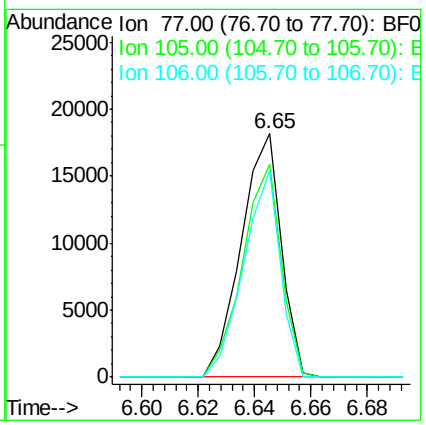


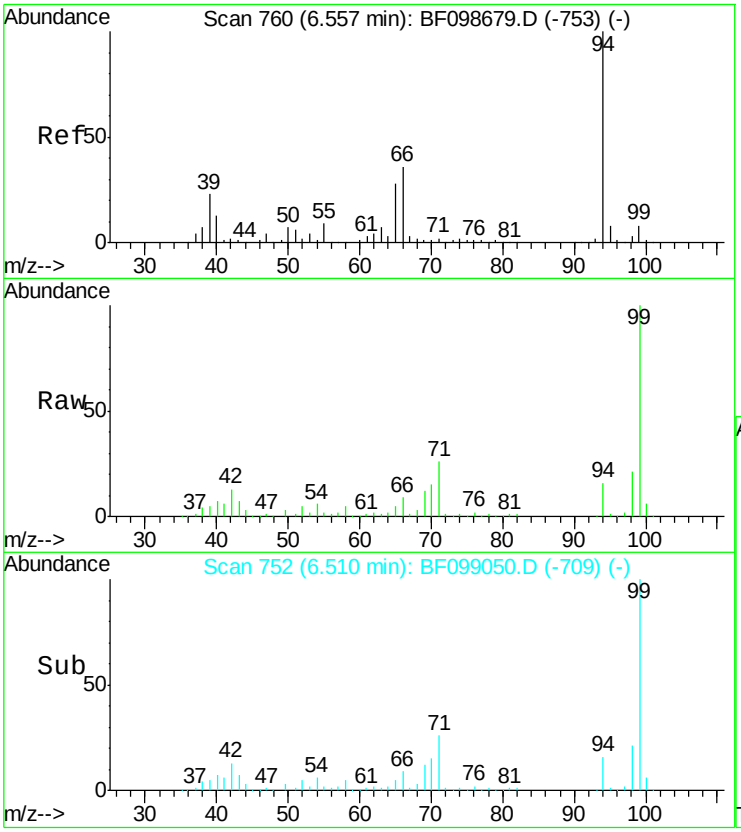


#9
Benzaldehyde
Concen: 3.44 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.17 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion: 77 Resp: 17864

Ion	Ratio	Lower	Upper
77	100		
105	87.7	81.1	121.1
106	84.6	74.5	114.5



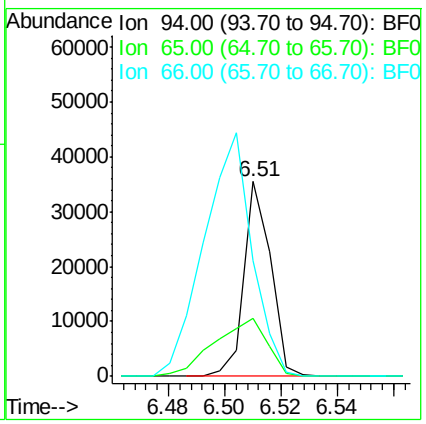


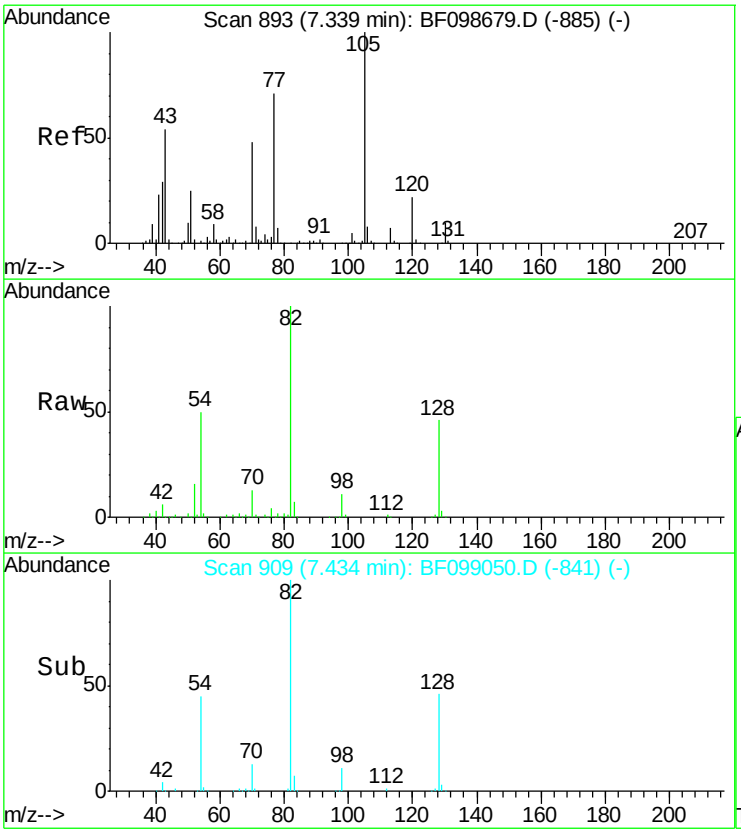
#10
Phenol
Concen: 2.32 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 23272

Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.9	47.9
66	59.0	16.2	56.2#

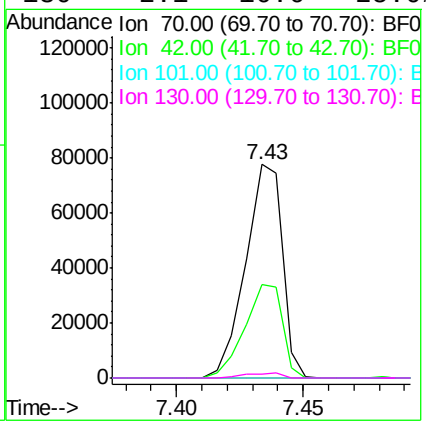


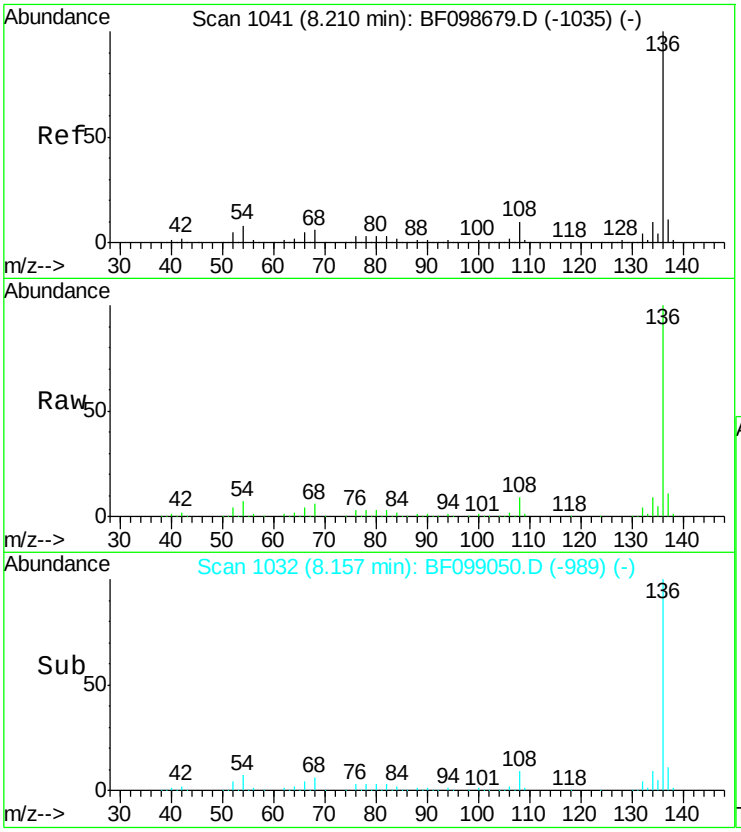


#19
n-Nitroso-di-n-propylamine
Concen: 13.78 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion: 70 Resp: 78820

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



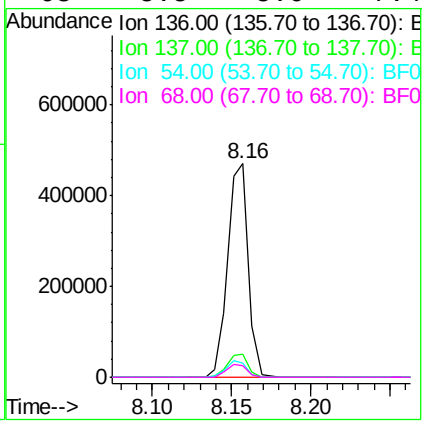


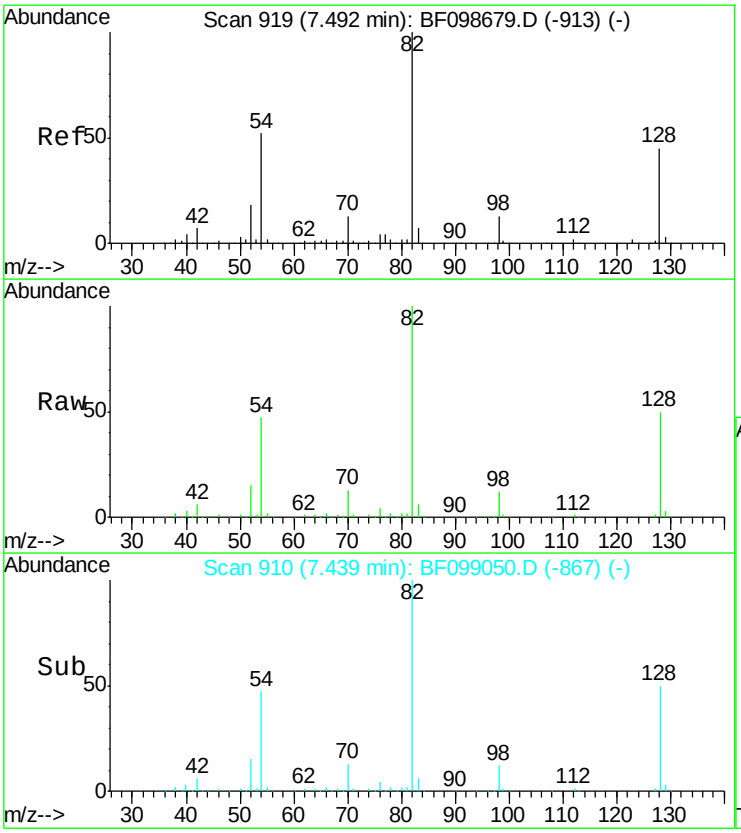
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 422532

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4

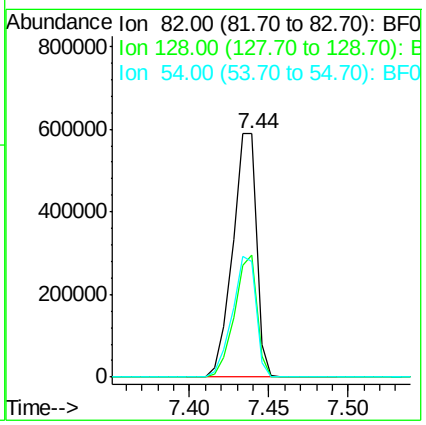


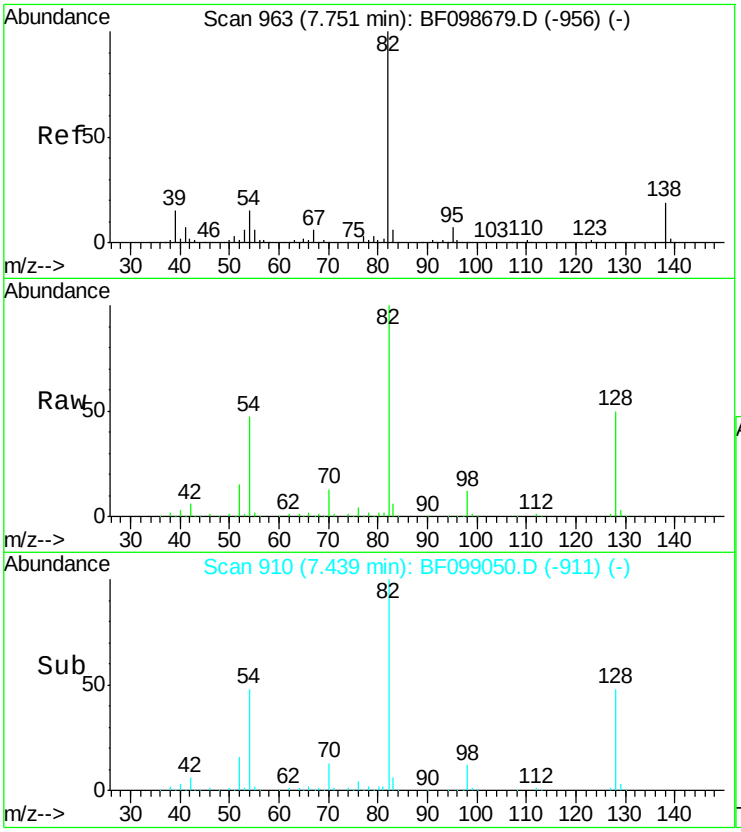


#23
Nitrobenzene-d5
Concen: 93.28 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion: 82 Resp: 614562

Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	47.2	41.4	62.2



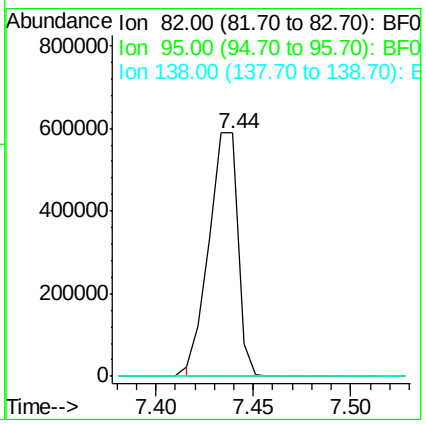


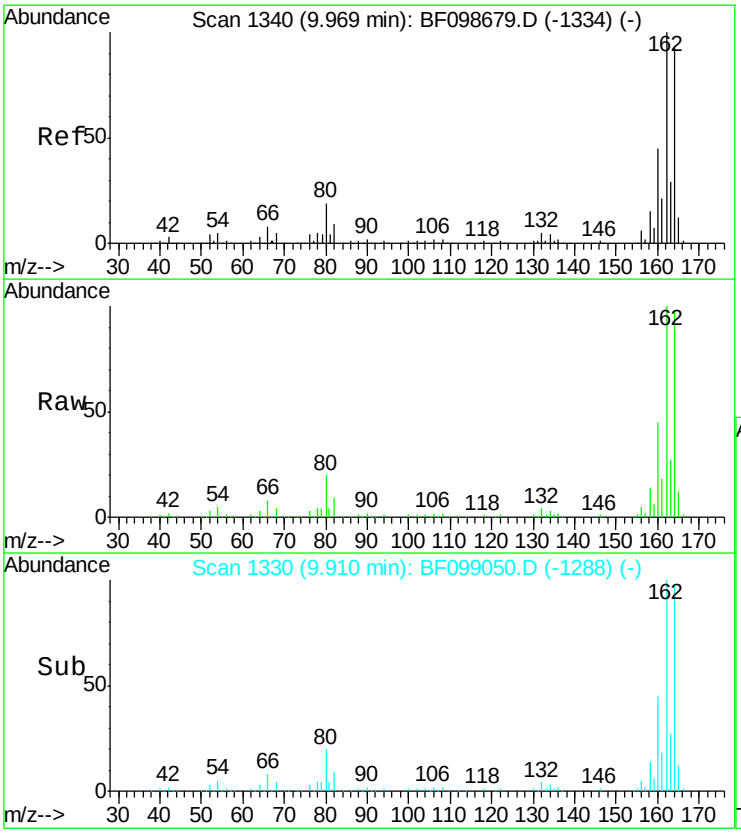
#25
Isophorone
Concen: 44.49 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.31 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 605995

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

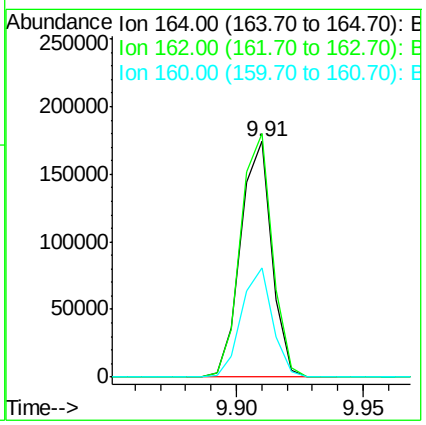


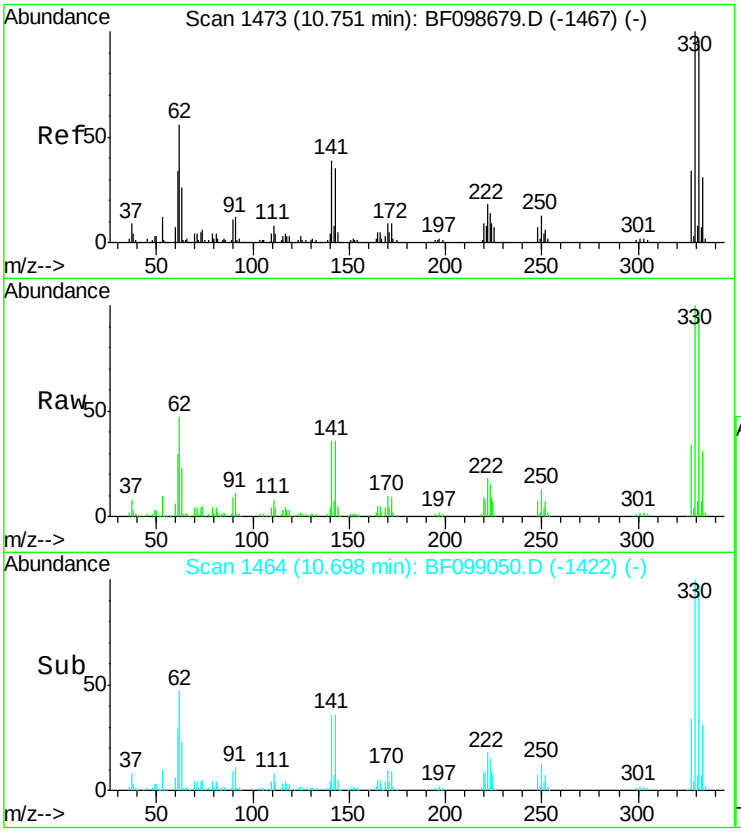


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:164 Resp: 148349

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.1	38.3	57.5



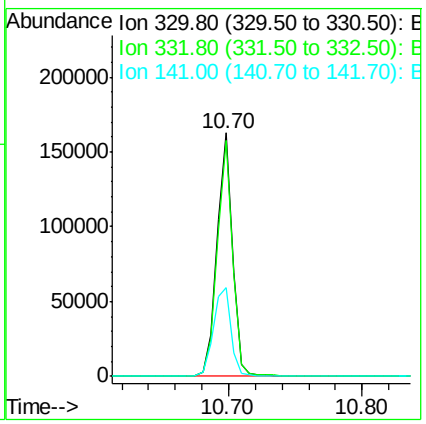


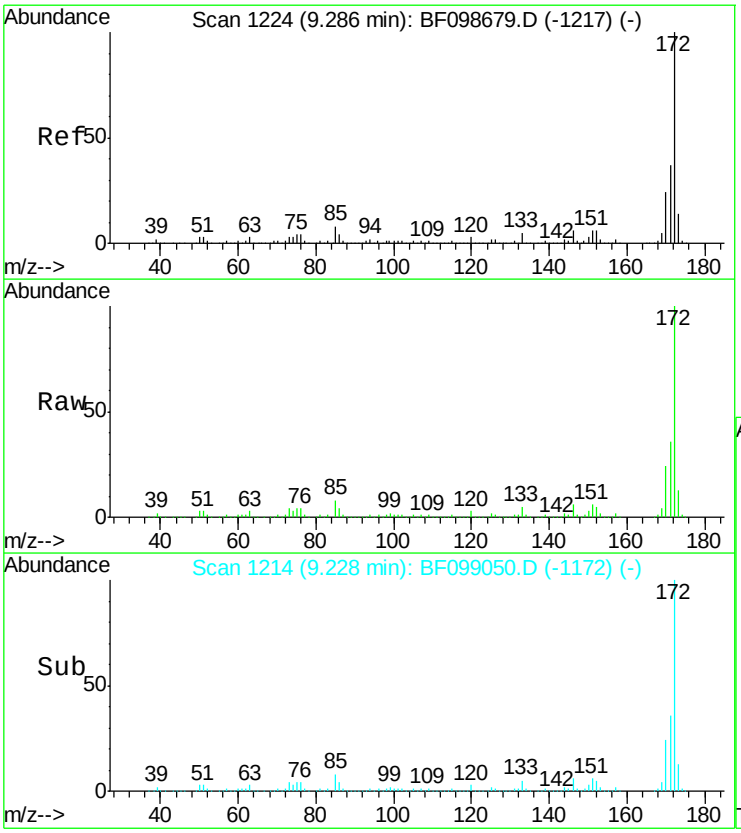
#41
2,4,6-Tribromophenol
Concen: 111.28 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 135082

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	41.2	29.9	44.9

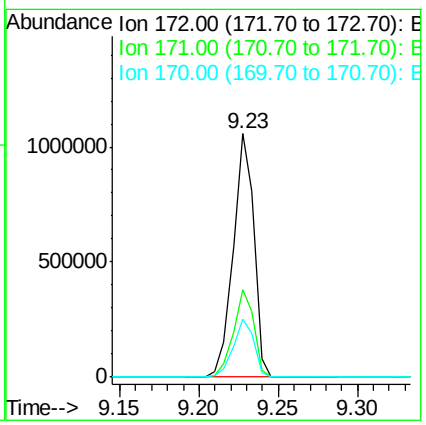


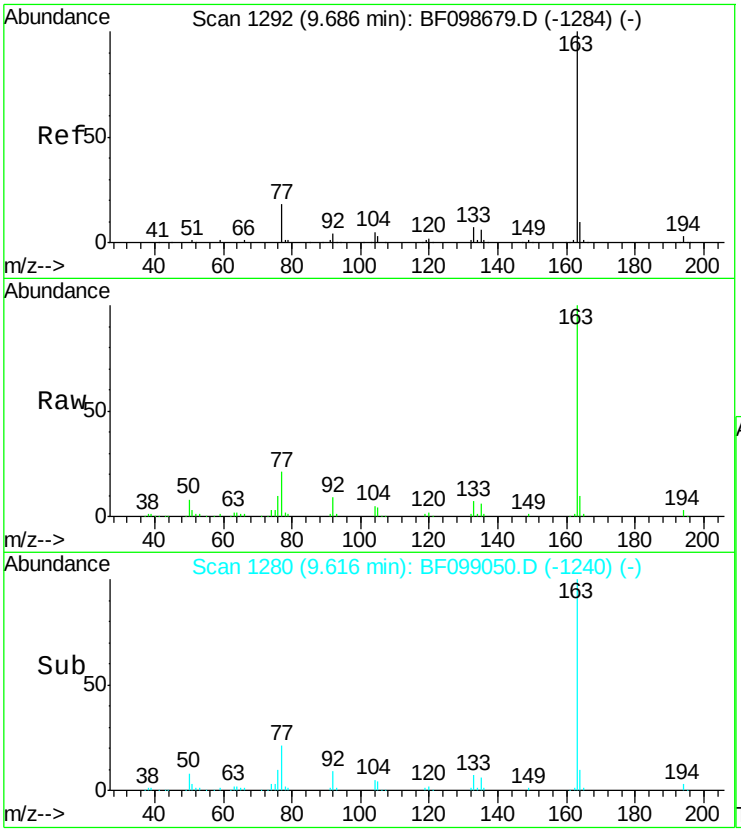


#44
2-Fluorobiphenyl
Concen: 107.35 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:172 Resp: 953935

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



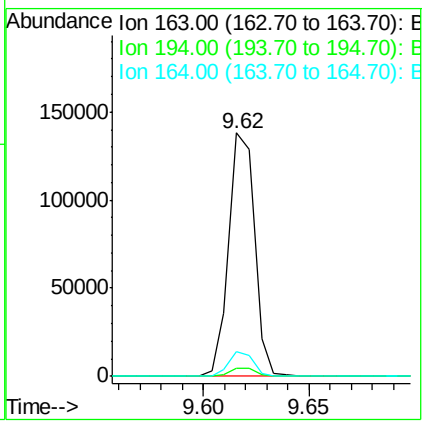


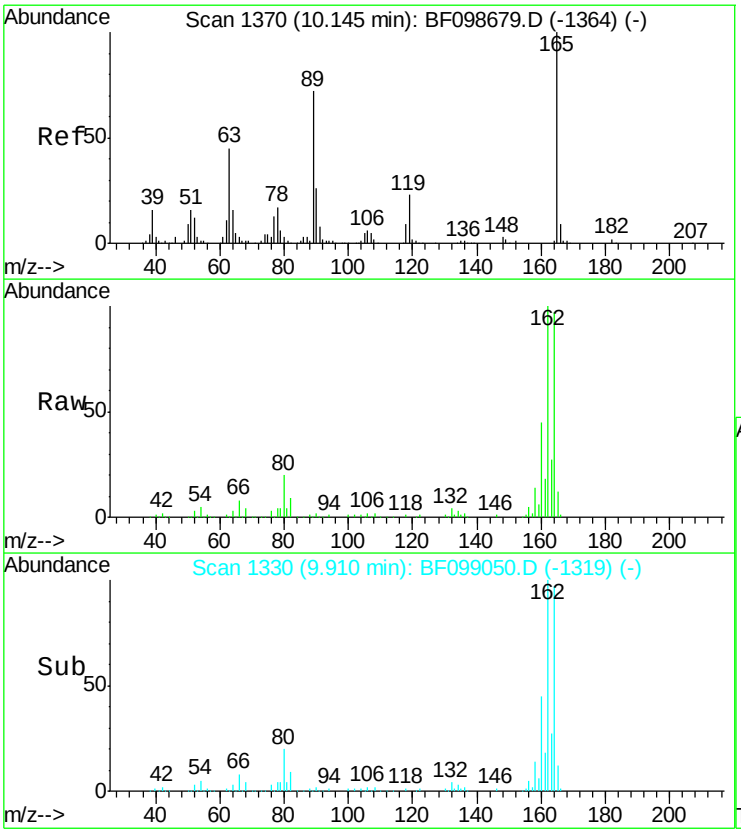
#49
Dimethylphthalate
Concen: 10.41 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 116587

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.2	8.2	12.2

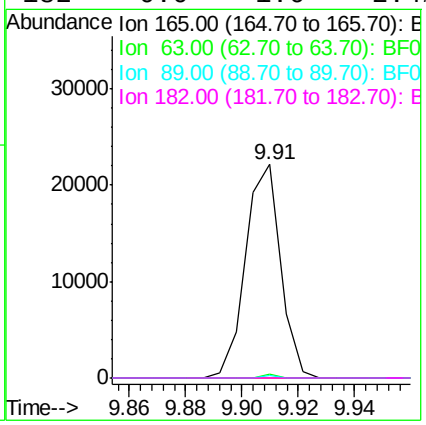


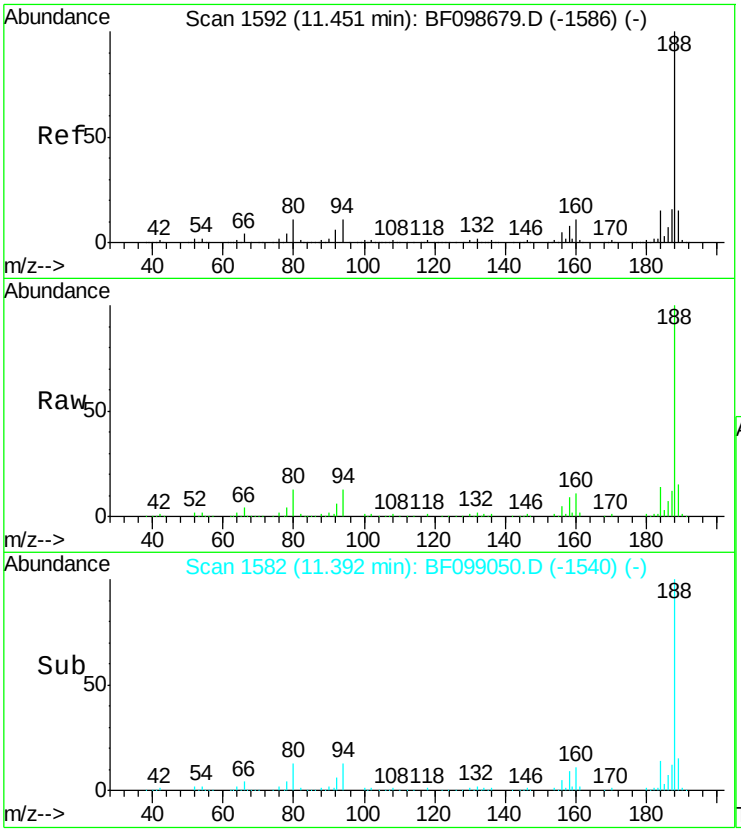


#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.24 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:165 Resp: 19117

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



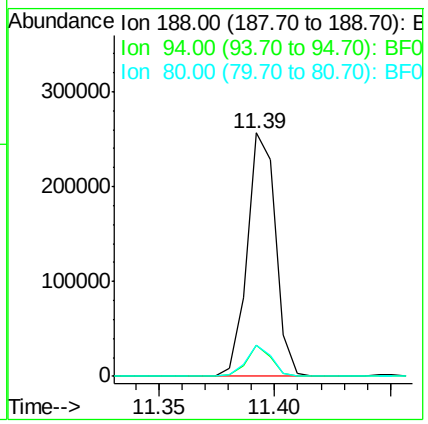


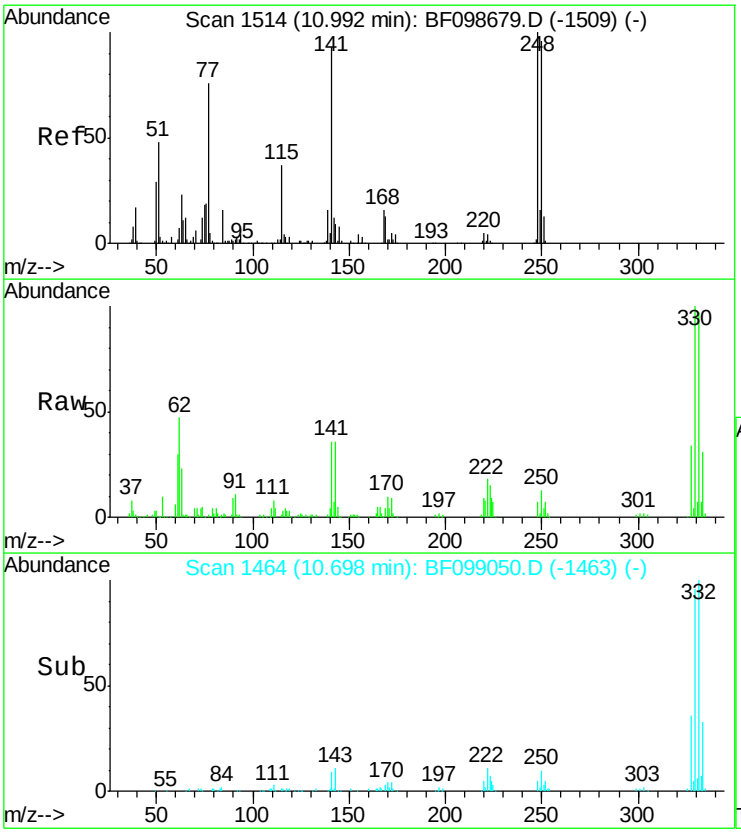
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 220489

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.0	9.2	13.8

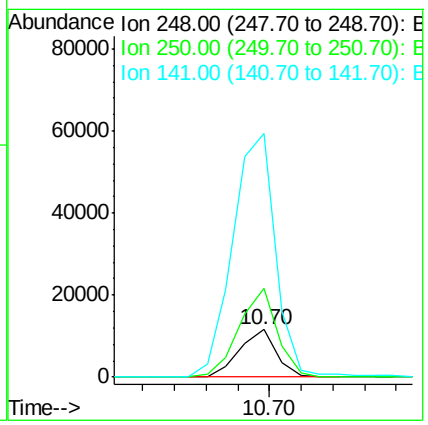


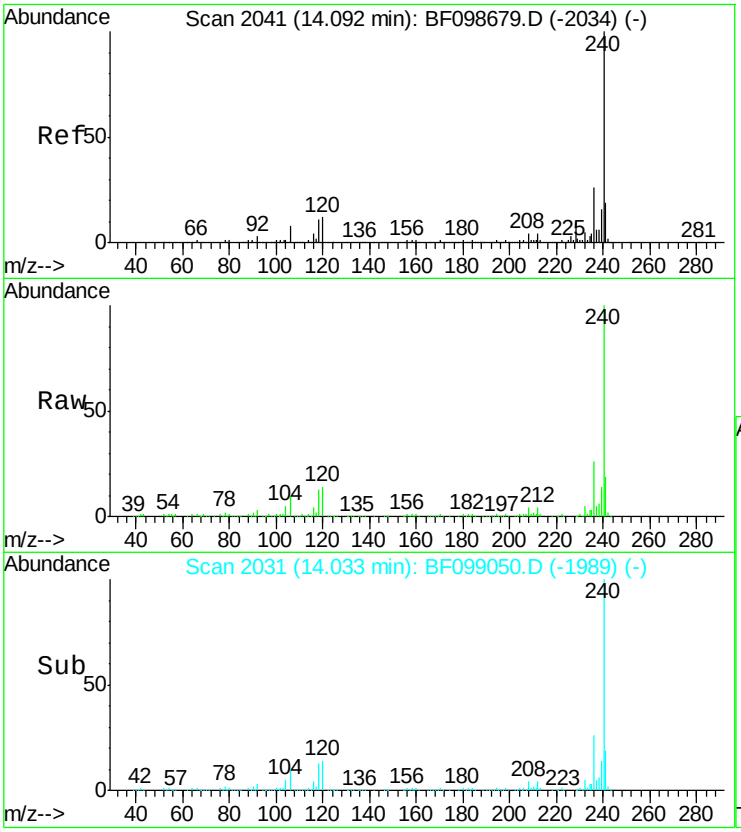


#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.29 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:248 Resp: 9391

Ion	Ratio	Lower	Upper
248	100		
250	188.0	76.9	115.3#
141	515.0	74.4	111.6#



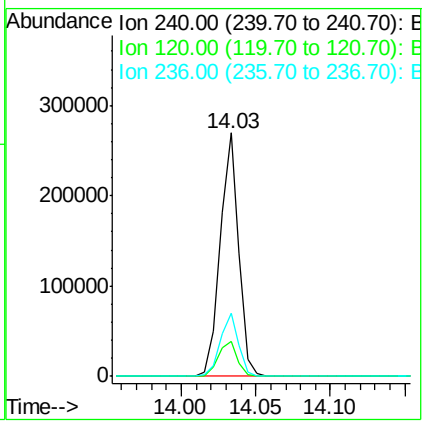


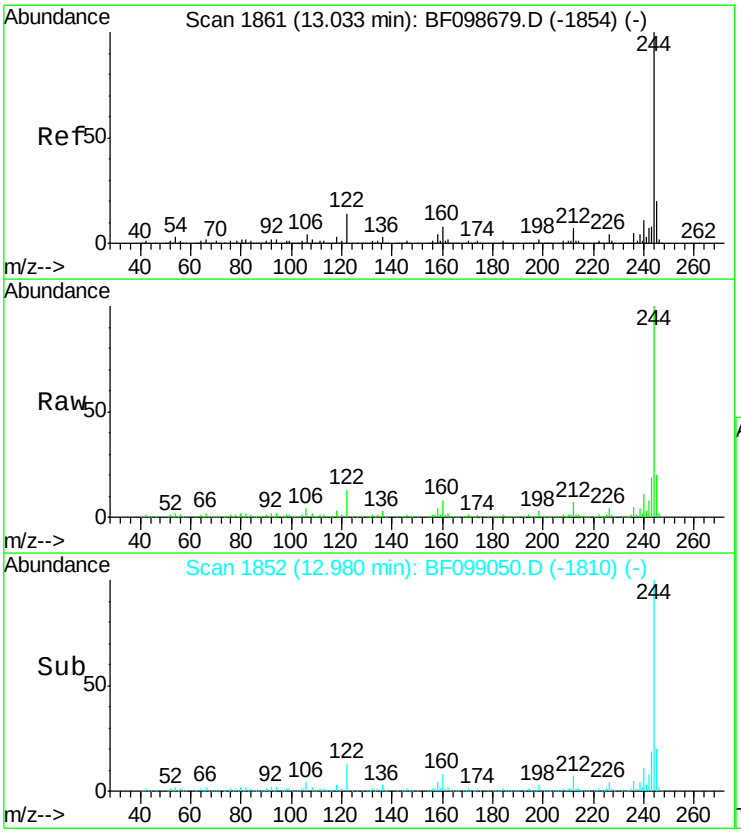
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 235960

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.0	20.7	31.1

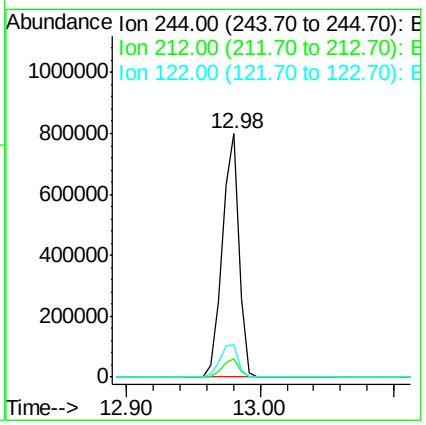


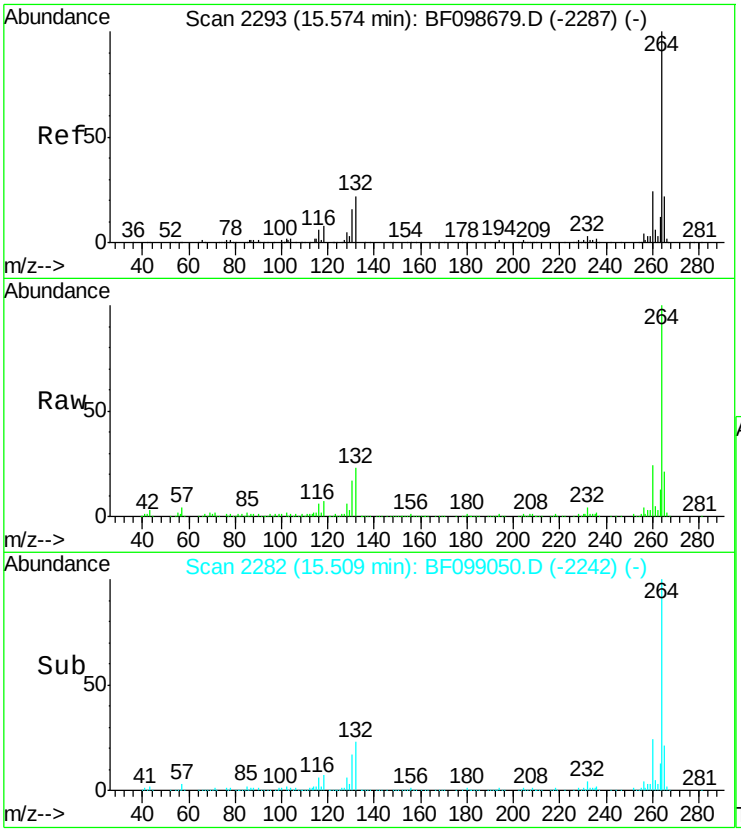


#78
Terphenyl-d14
Concen: 67.99 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:244 Resp: 705436

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 240030

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3