Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099679.D
Acq On : 20 Oct 2017 1:34
Operator : SJ/JU
Sample : I5968-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 12:53:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 19 19:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97706	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	389215	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	162631	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	237084	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	165276	20.00	ng	-0.02
86) Perylene-d12	15.44	264	184206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	289438	47.16	ng	0.00
7) Phenol-d6	6.46	99	214868	28.38	ng	-0.02
23) Nitrobenzene-d5	7.39	82	593895	97.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	116382	87.46	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1075240	110.37	ng	-0.01
78) Terphenyl-d14	12.92	244	655056	90.14	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	9070	2.065	ng	# 83
19) n-Nitroso-di-n-propylamine	7.39	70	75478	15.614	ng	# 72
25) Isophorone	7.39	82	593890	47.330	ng	# 64
49) Dimethylphthalate	9.57	163	36745	2.994	ng	99
50) 2,6-Dinitrotoluene	9.85	165	20607	7.712	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	20607	5.942	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	7495	3.230	ng	# 1

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

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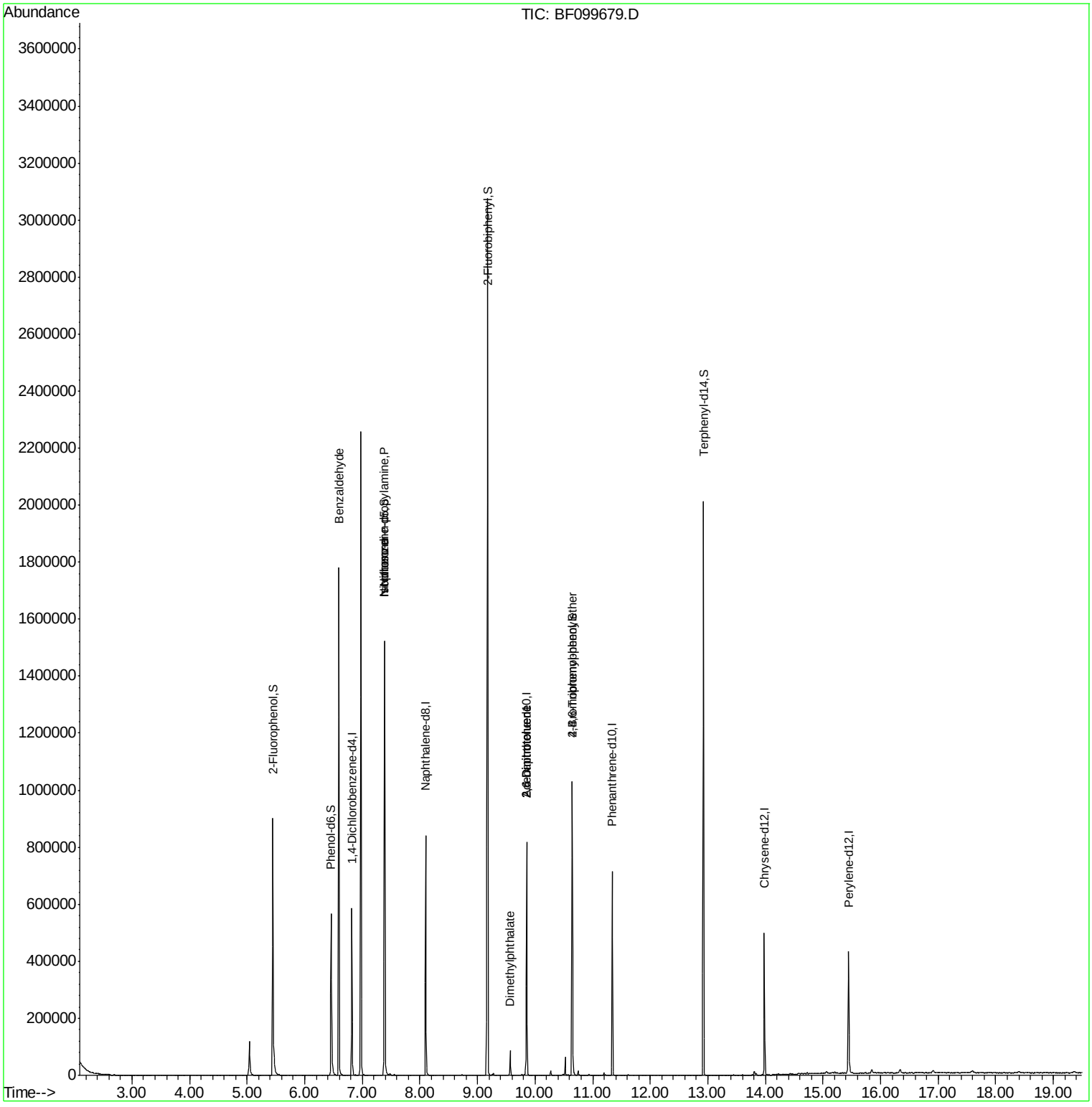
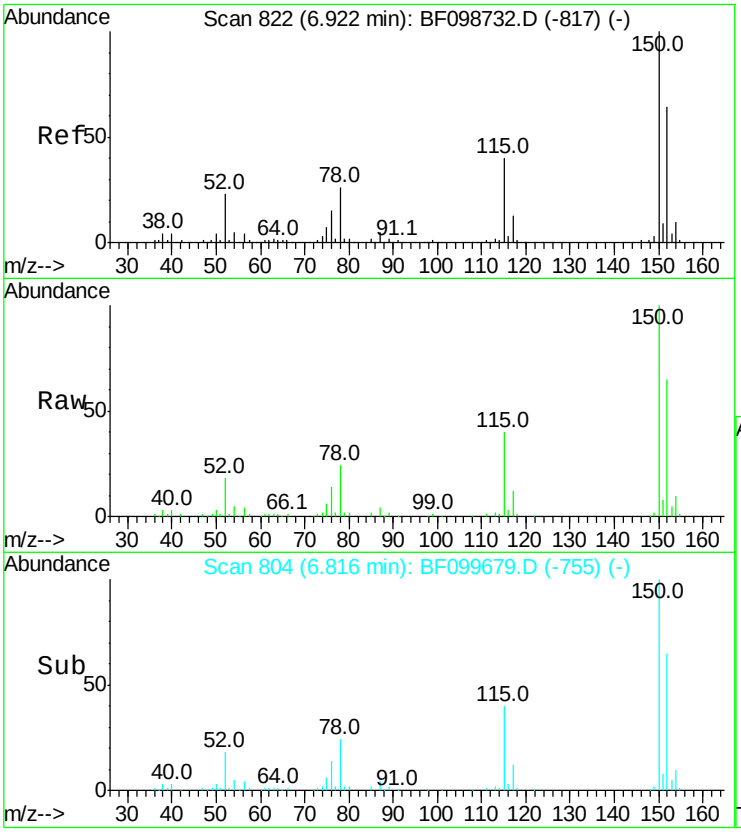


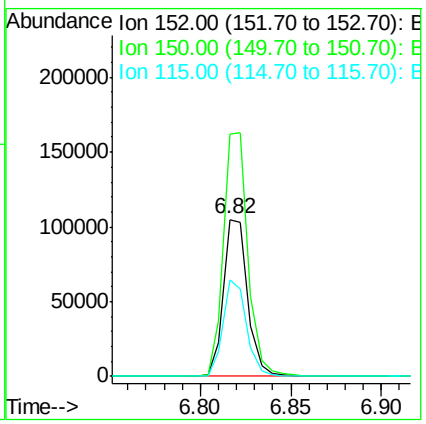


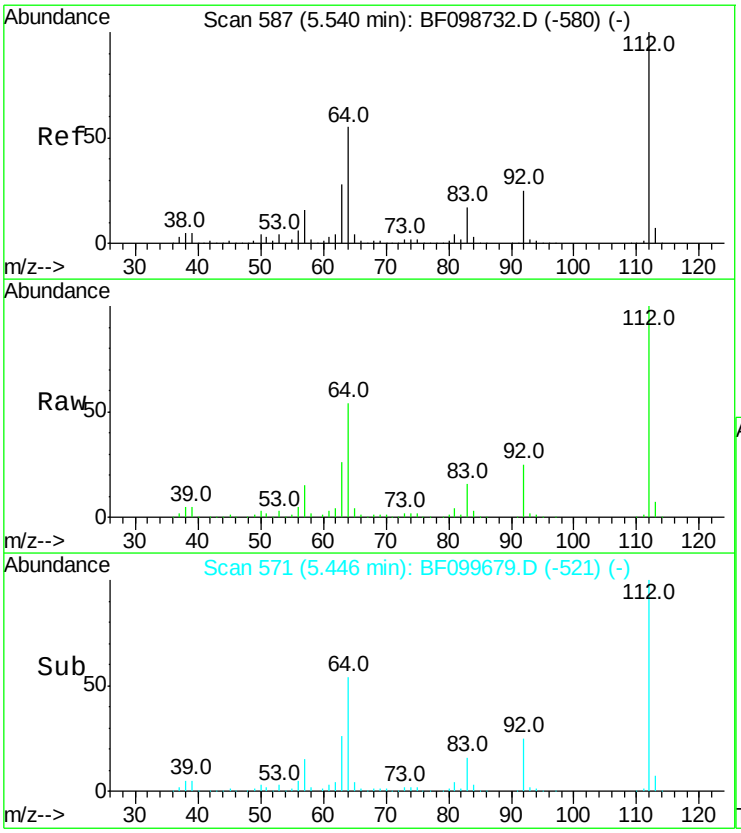
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97706

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.6	50.1	75.1

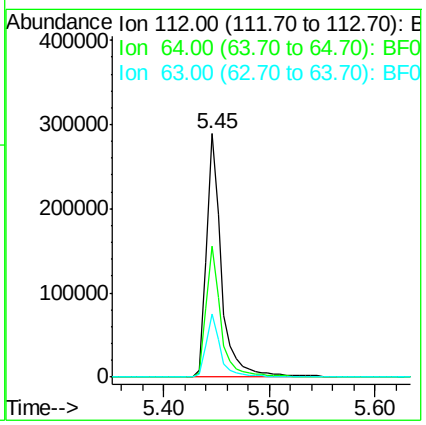


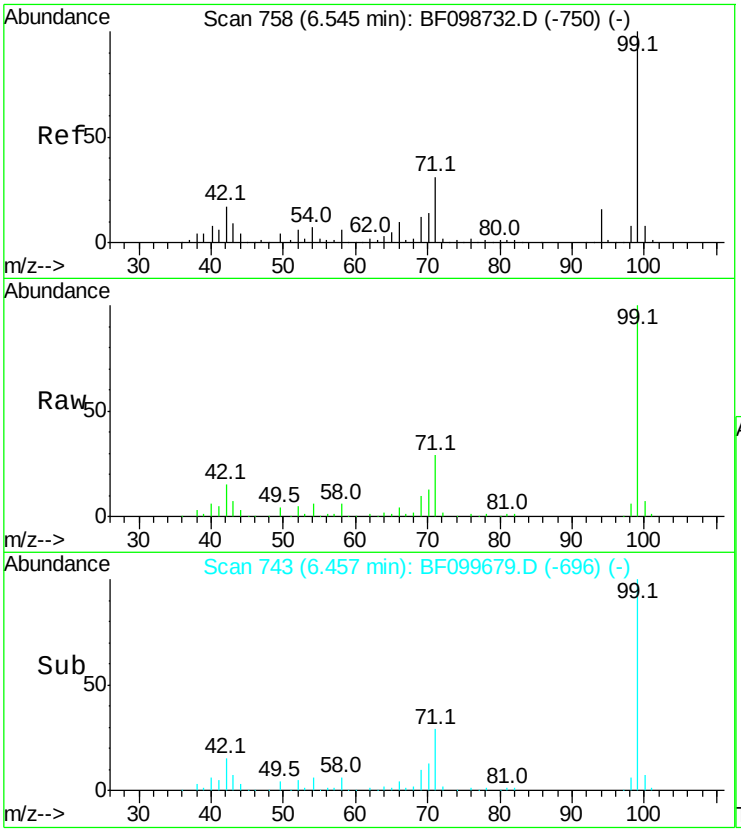


#5
2-Fluorophenol
Concen: 47.157 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:112 Resp: 289438

Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	25.8	23.7	35.5



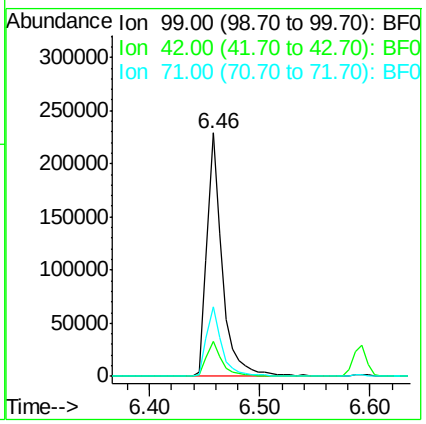


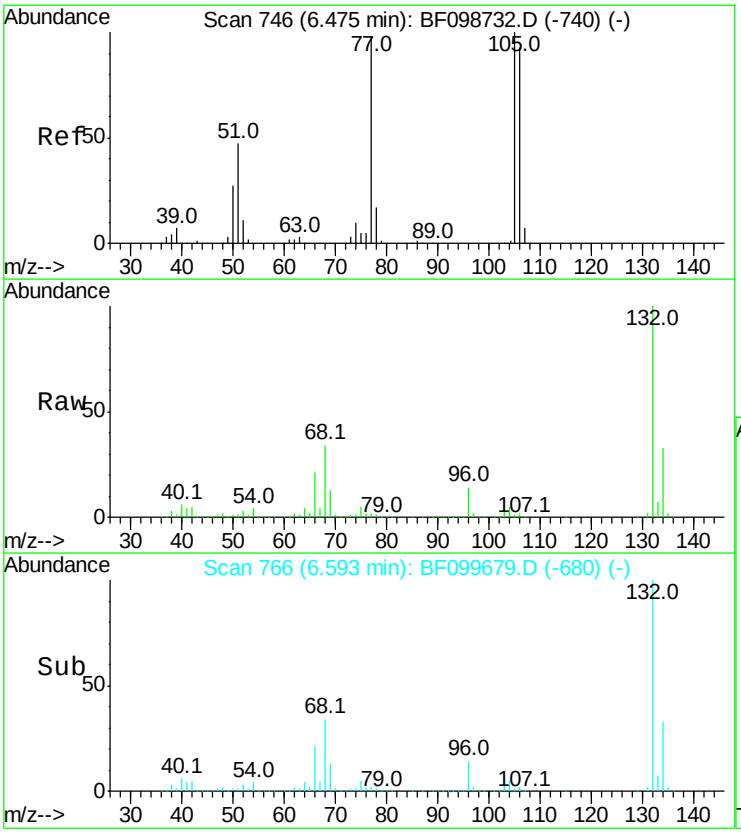
#7
Phenol-d6
Concen: 28.378 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 214868

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	28.8	25.4	38.0

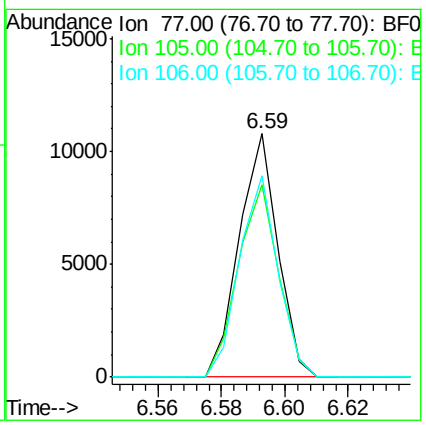


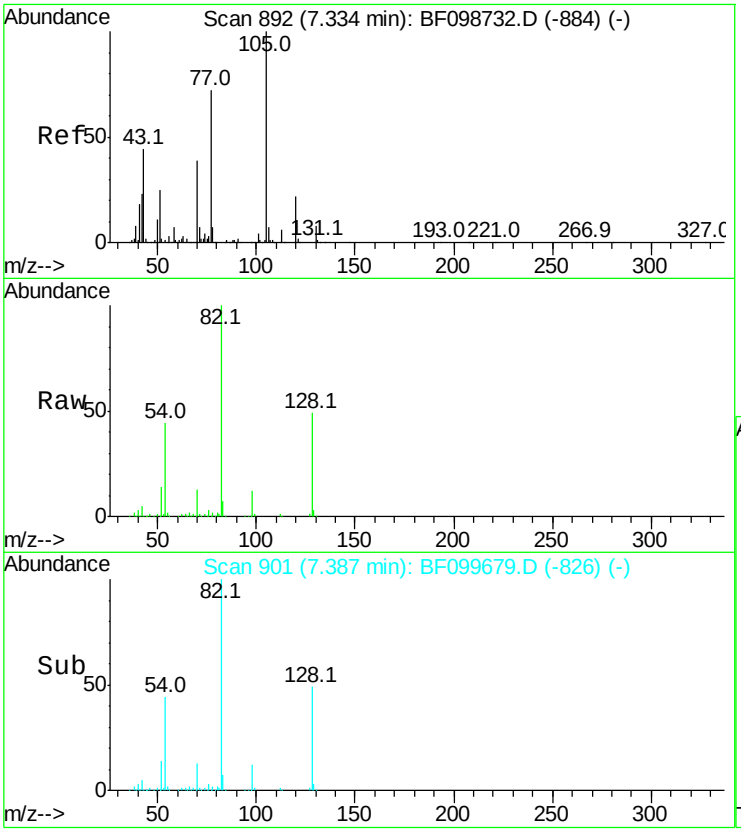


#9
Benzaldehyde
Concen: 2.065 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.21 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion: 77 Resp: 9070

Ion	Ratio	Lower	Upper
77	100		
105	79.2	81.1	121.1#
106	82.8	74.5	114.5



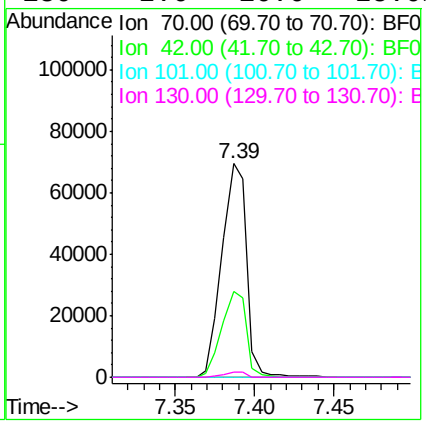


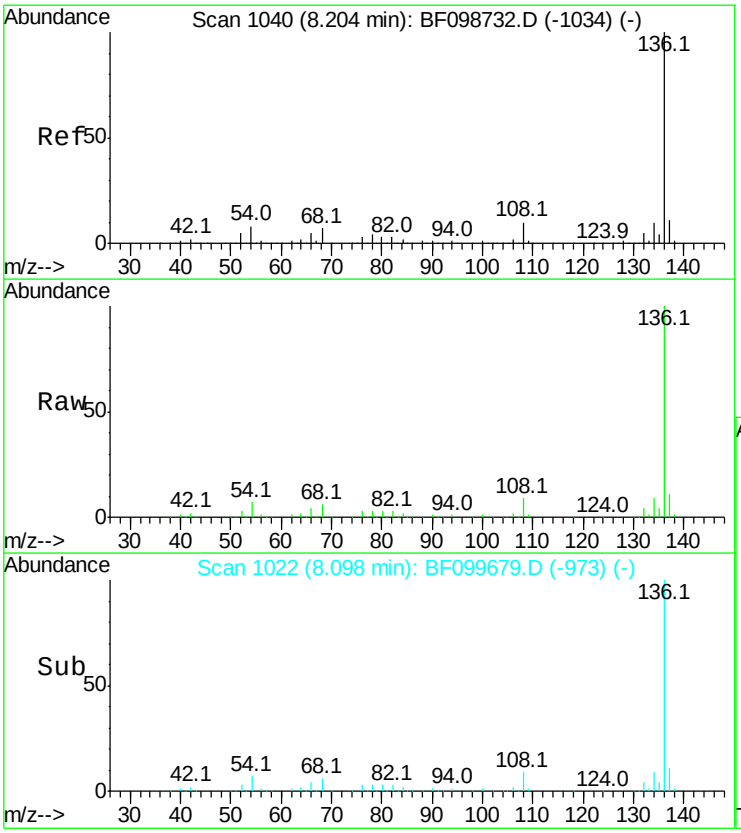
#19
n-Nitroso-di-n-propylamine
Concen: 15.614 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75478

Ion	Ratio	Lower	Upper
70	100		
42	40.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

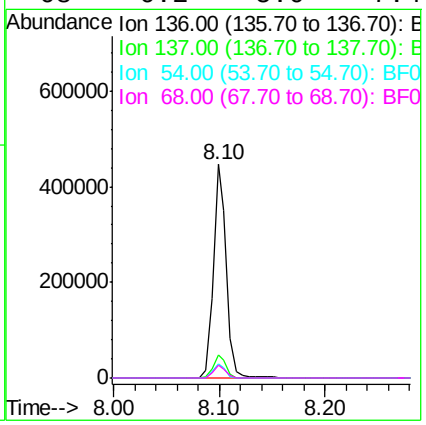


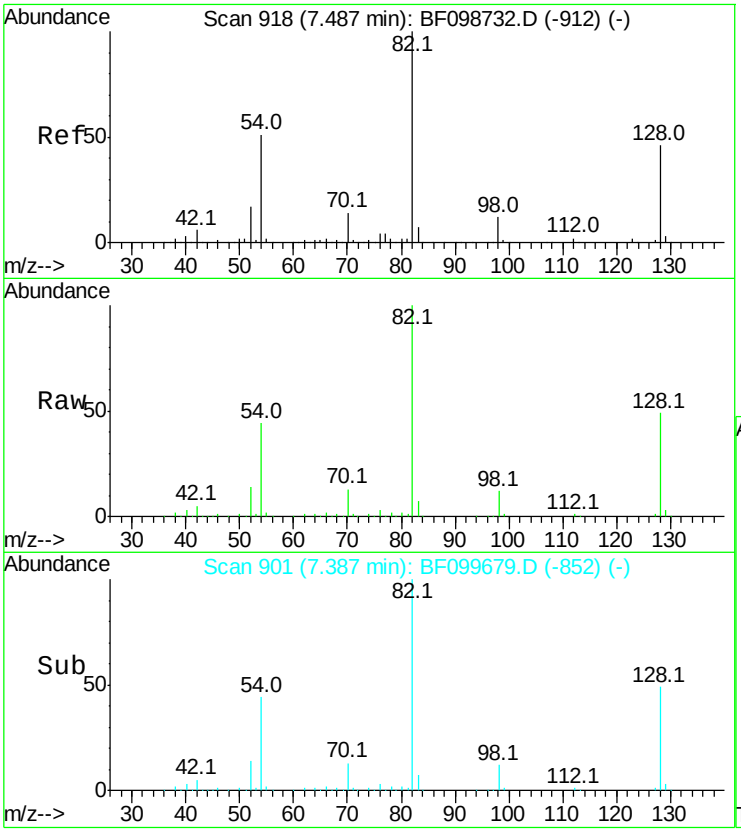


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:136 Resp: 389215

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	6.2	5.0	7.4



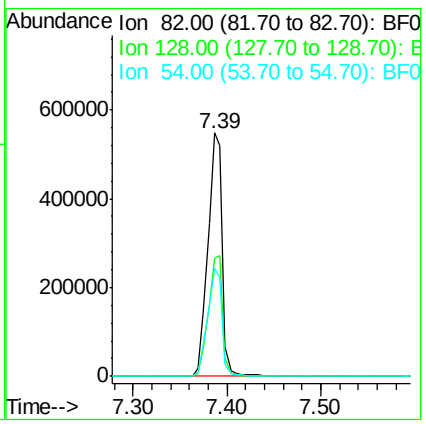


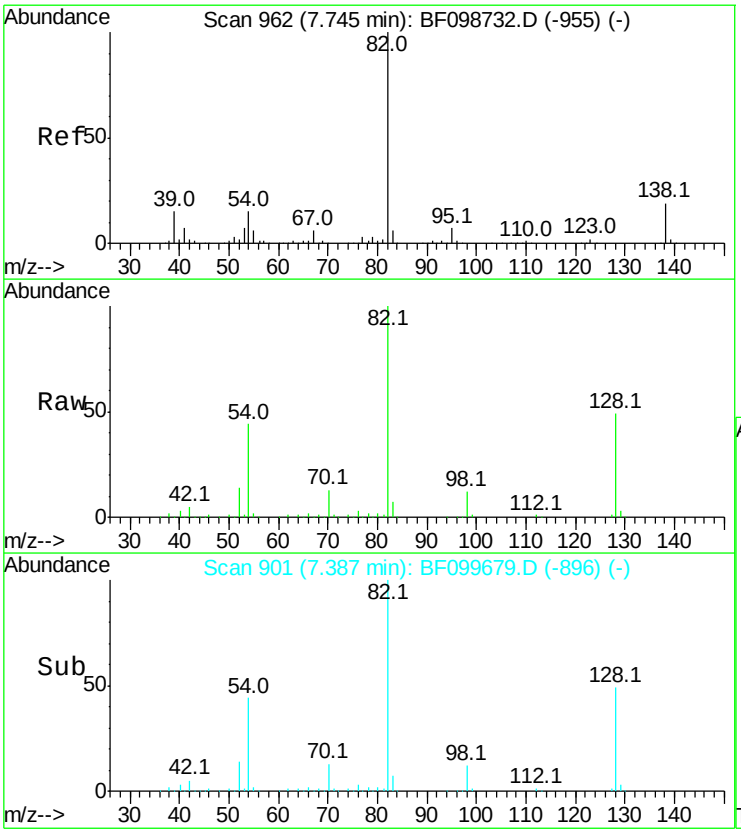
#23
Nitrobenzene-d5
Concen: 97.855 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 593895

Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	44.5	41.4	62.2

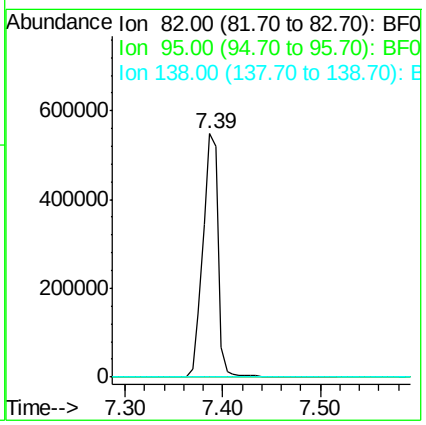


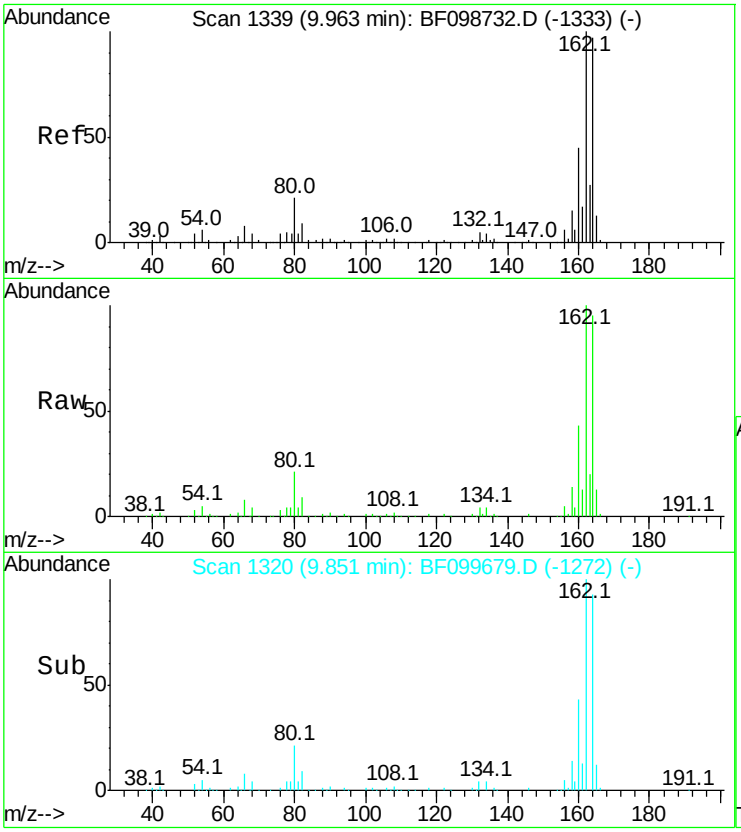


#25
Isophorone
Concen: 47.330 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion: 82 Resp: 593890

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

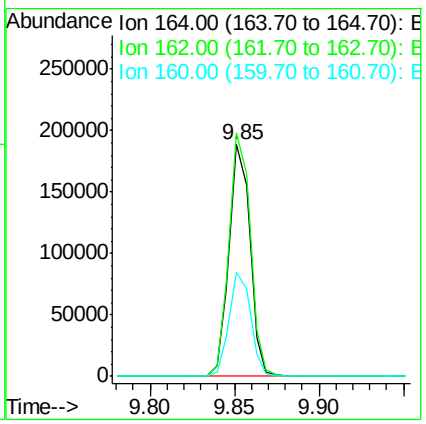




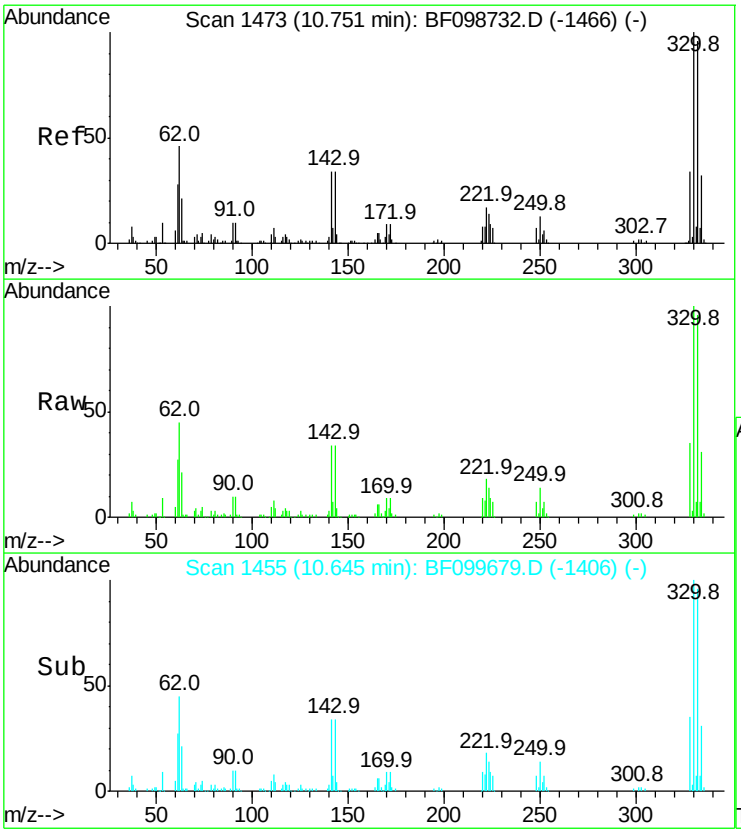
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:164 Resp: 162631

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.1	38.3	57.5



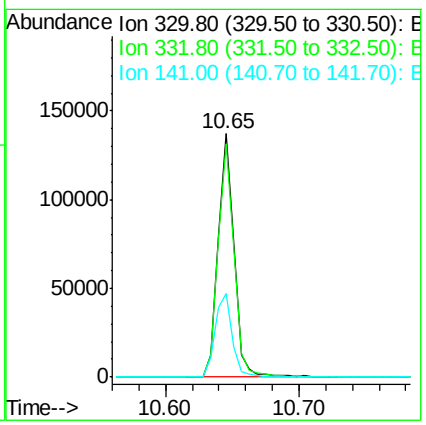
Instrument :
BNA_F
ClientSampleId :

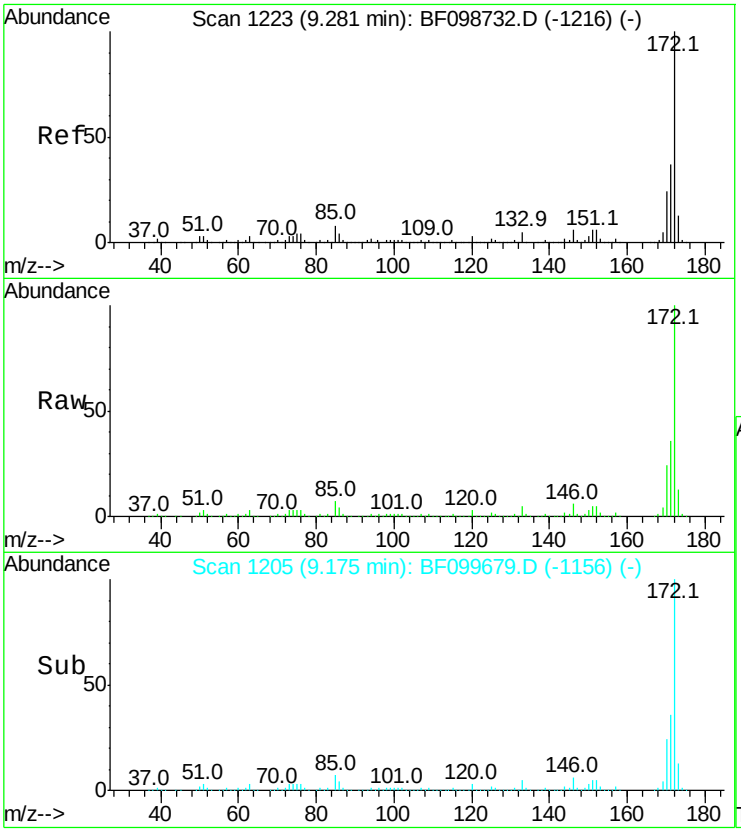


#41
2,4,6-Tribromophenol
Concen: 87.455 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:330 Resp: 116382

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	36.8	29.9	44.9



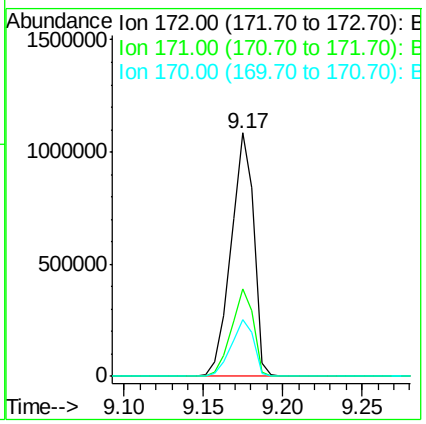


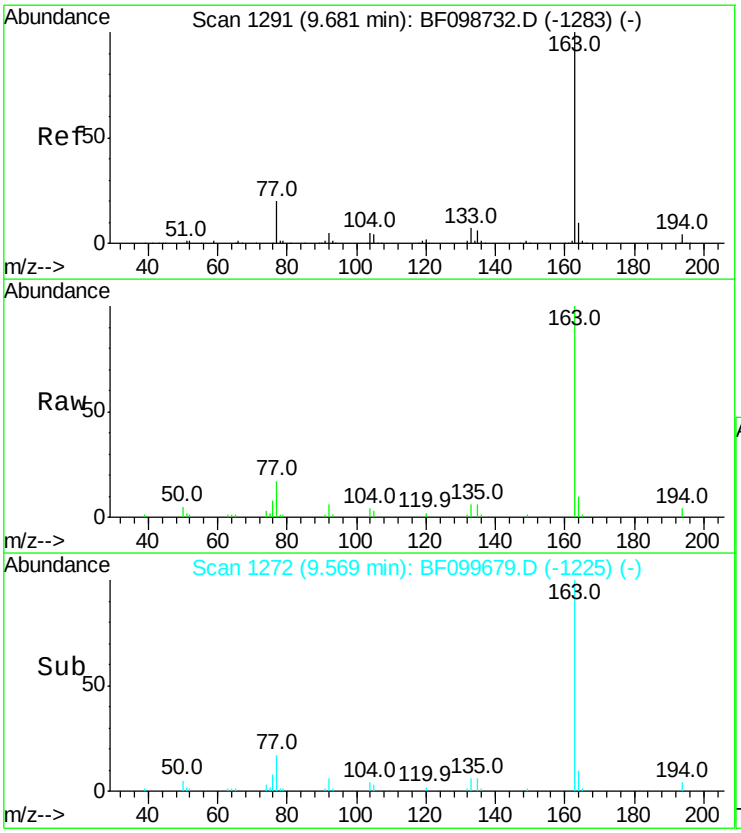
#44
2-Fluorobiphenyl
Concen: 110.374 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1075240

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

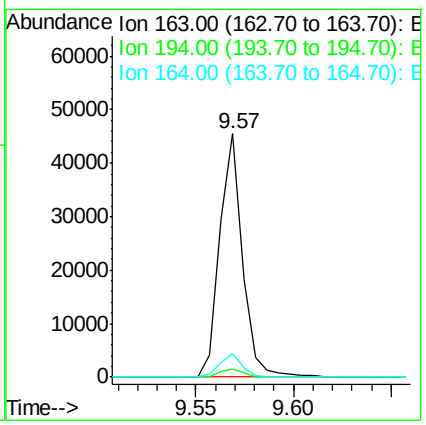


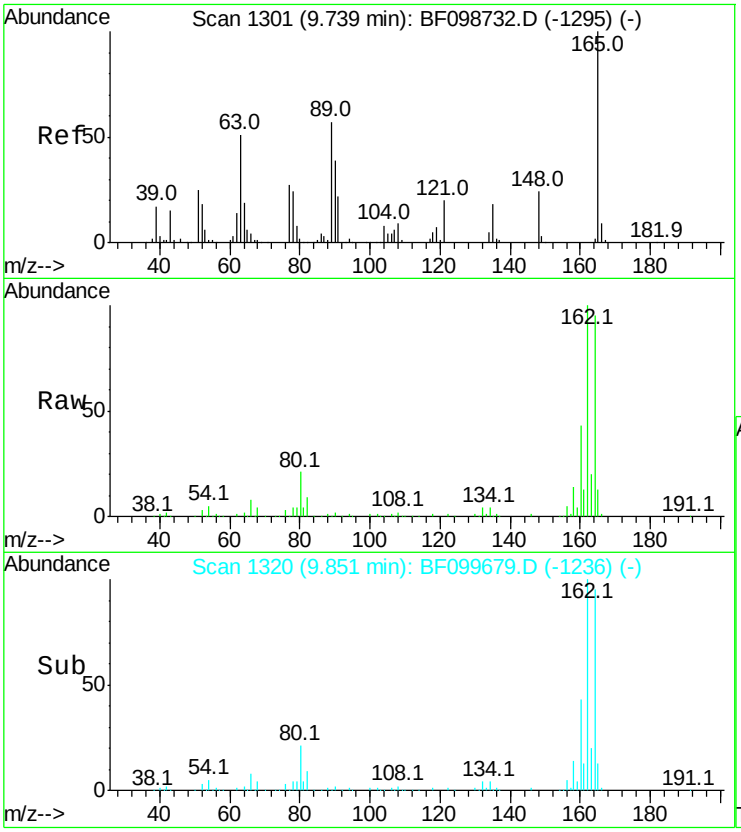


#49
Dimethylphthalate
Concen: 2.994 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:163 Resp: 36745

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2



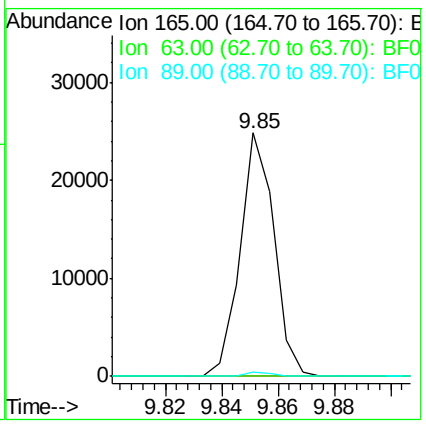


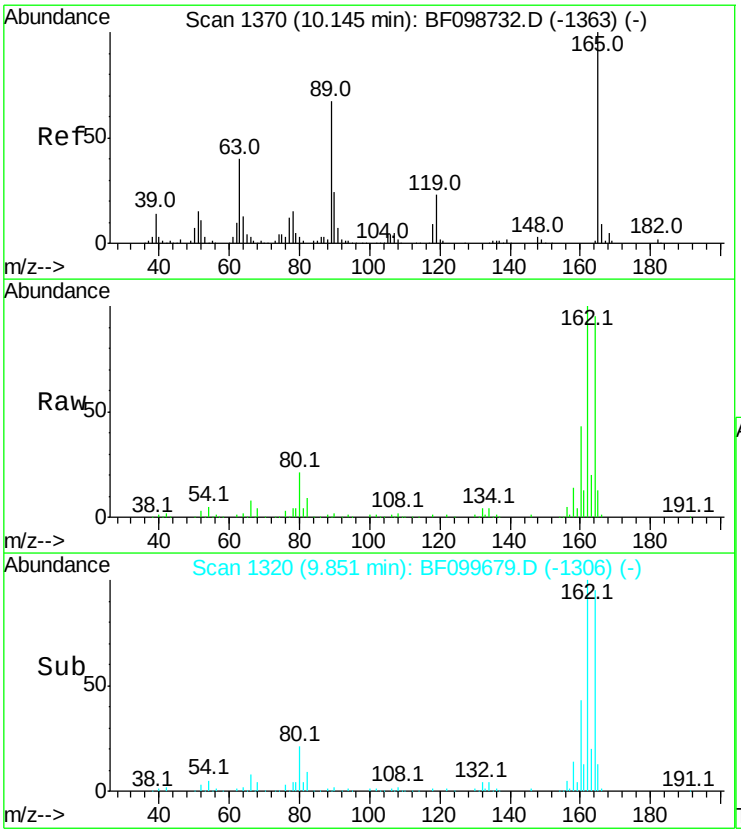
#50
2,6-Dinitrotoluene
Concen: 7.712 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20607

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

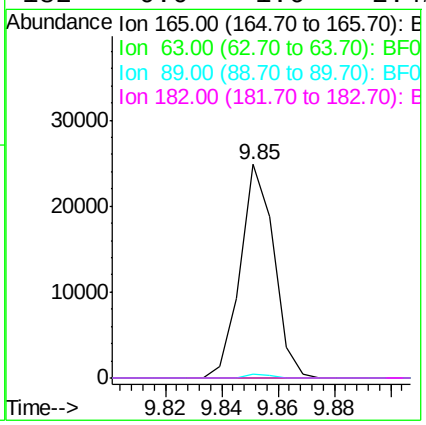


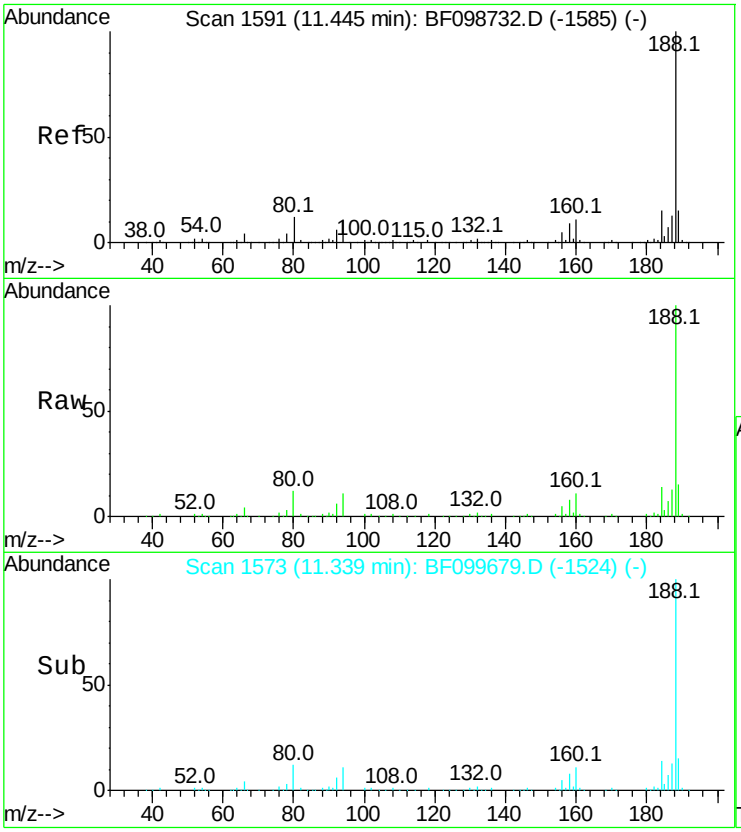


#56
2,4-Dinitrotoluene
Concen: 5.942 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:165 Resp: 20607

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#



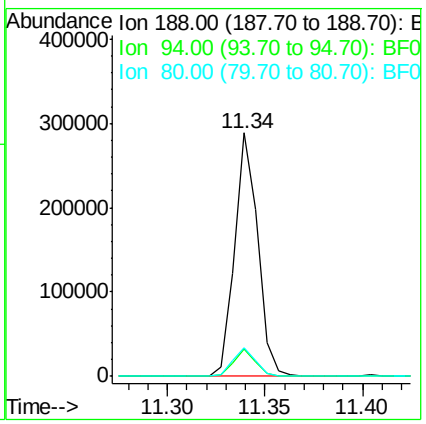


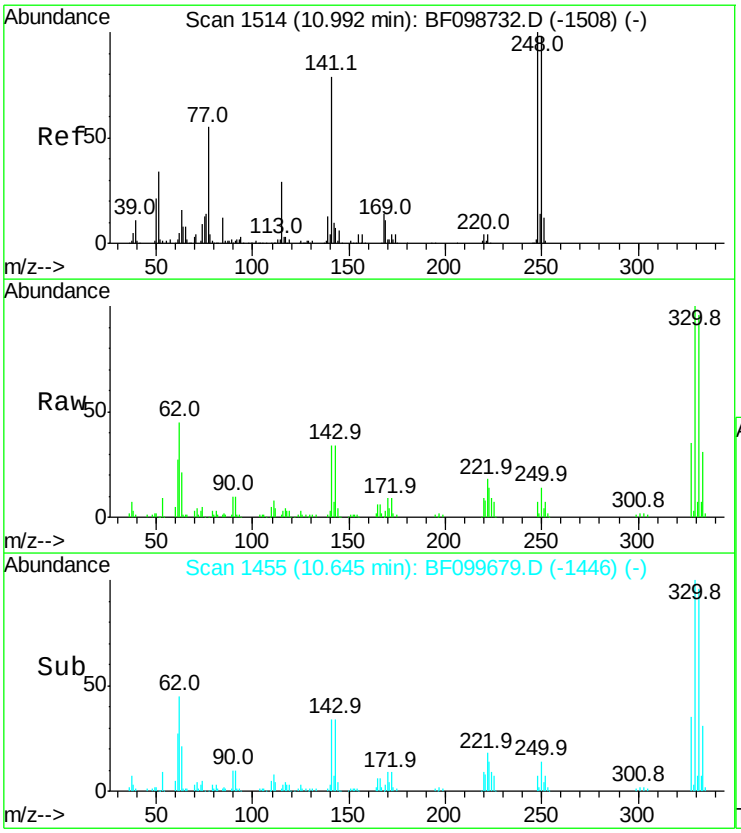
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 237084

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

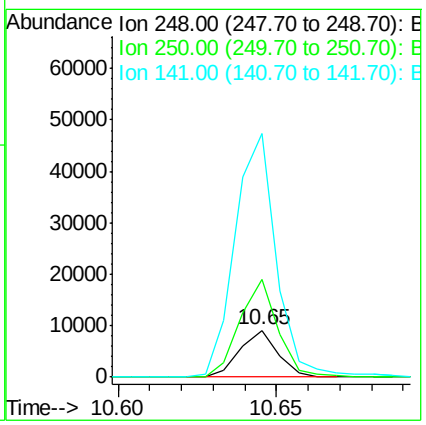


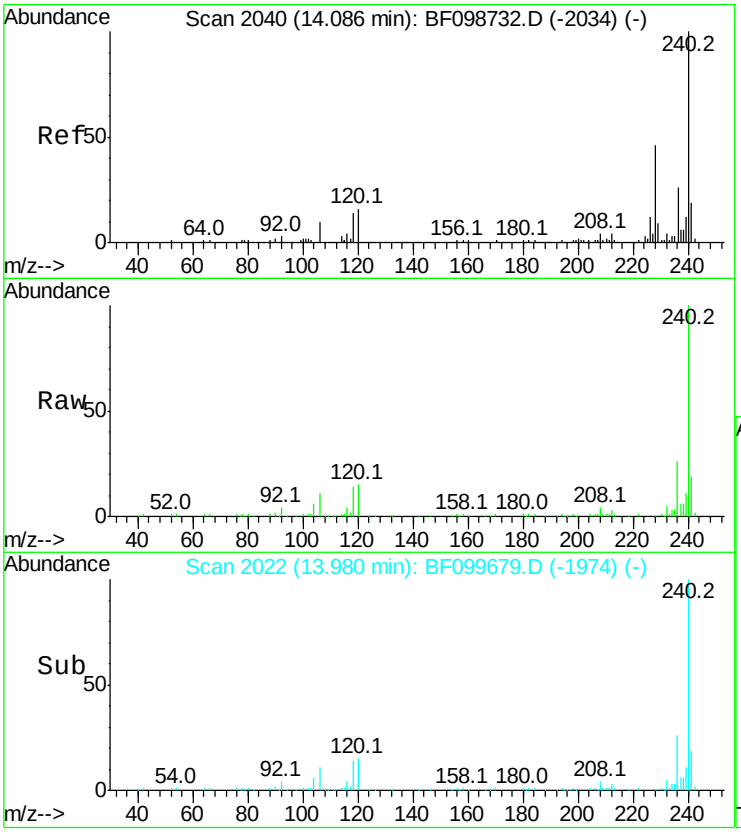


#66
4-Bromophenyl-phenylether
Concen: 3.230 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:248 Resp: 7495

Ion	Ratio	Lower	Upper
248	100		
250	209.1	76.9	115.3#
141	521.9	74.4	111.6#



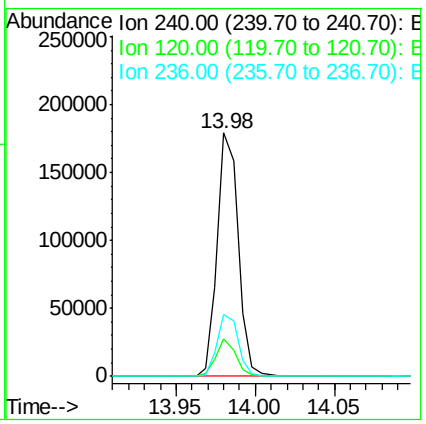


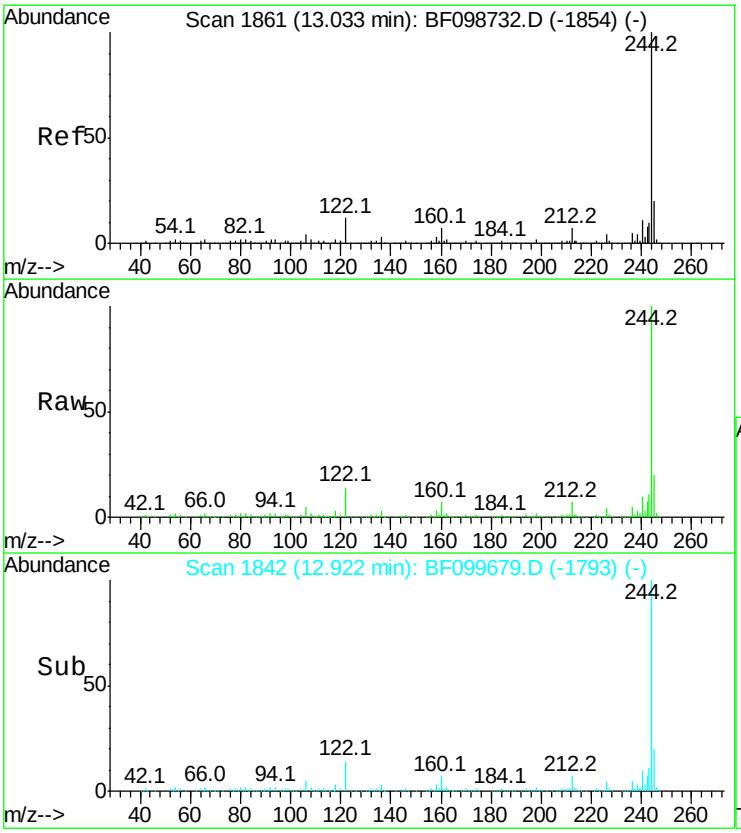
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 165276

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.7	20.7	31.1

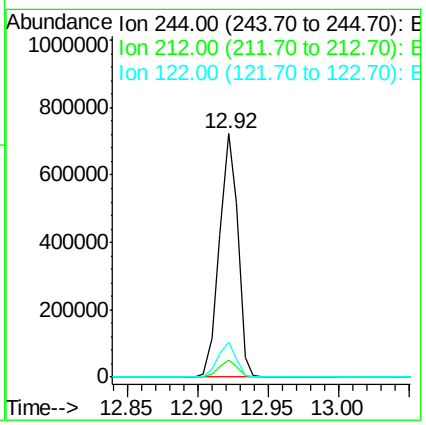


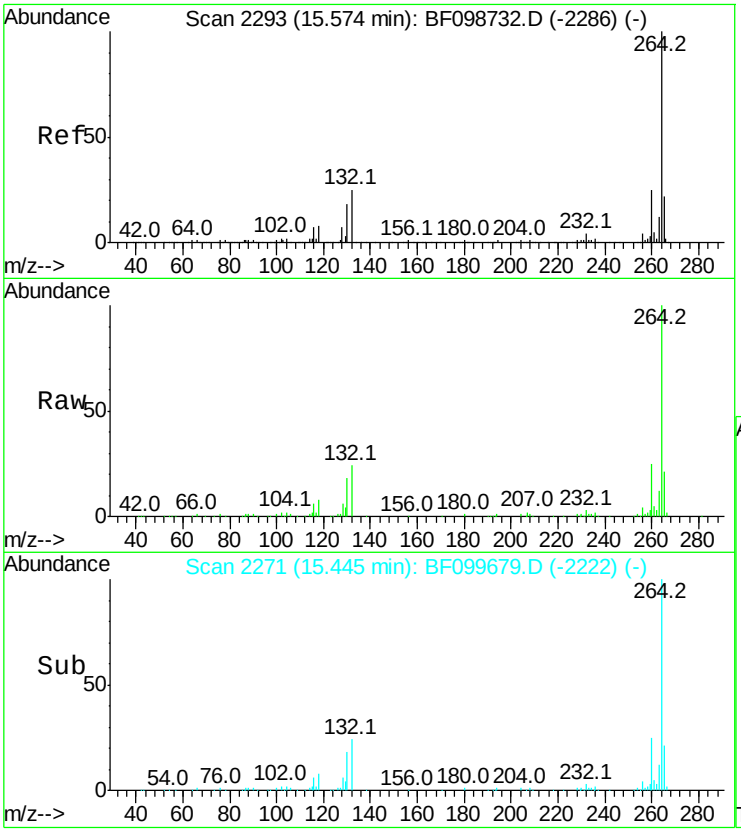


#78
Terphenyl-d14
Concen: 90.136 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:244 Resp: 655056

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 184206

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.1	17.5	26.3