Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099947.D
Acq On : 29 Oct 2017 6:59
Operator : SJ/JU
Sample : I6100-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 02:07:23 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	121385	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	487396	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	210994	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	314532	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	208385	20.00	ng		-0.03
86) Perylene-d12	15.42	264	197007	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	295939	38.28	ng		0.00
7) Phenol-d6	6.43	99	217632	23.74	ng		-0.01
23) Nitrobenzene-d5	7.36	82	634135	83.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	133425	69.39	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1213850	88.76	ng		-0.01
78) Terphenyl-d14	12.90	244	789719	82.82	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.45	94	25002	2.484	ng		89
19) n-Nitroso-di-n-propylamine	7.36	70	79372	14.774	ng	#	72
25) Isophorone	7.36	82	634135	46.161	ng	#	64
49) Dimethylphthalate	9.54	163	62402	3.735	ng		100
50) 2,6-Dinitrotoluene	9.82	165	26681	7.596	ng	#	24
56) 2,4-Dinitrotoluene	9.82	165	26681	6.307	ng	#	22
62) Azobenzene	10.53	77	70727	5.171	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	8629	2.606	ng	#	1
70) Phenanthrene	11.34	178	36551	2.059	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099947.D
Acq On : 29 Oct 2017 6:59
Operator : SJ/JU
Sample : I6100-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 02:07:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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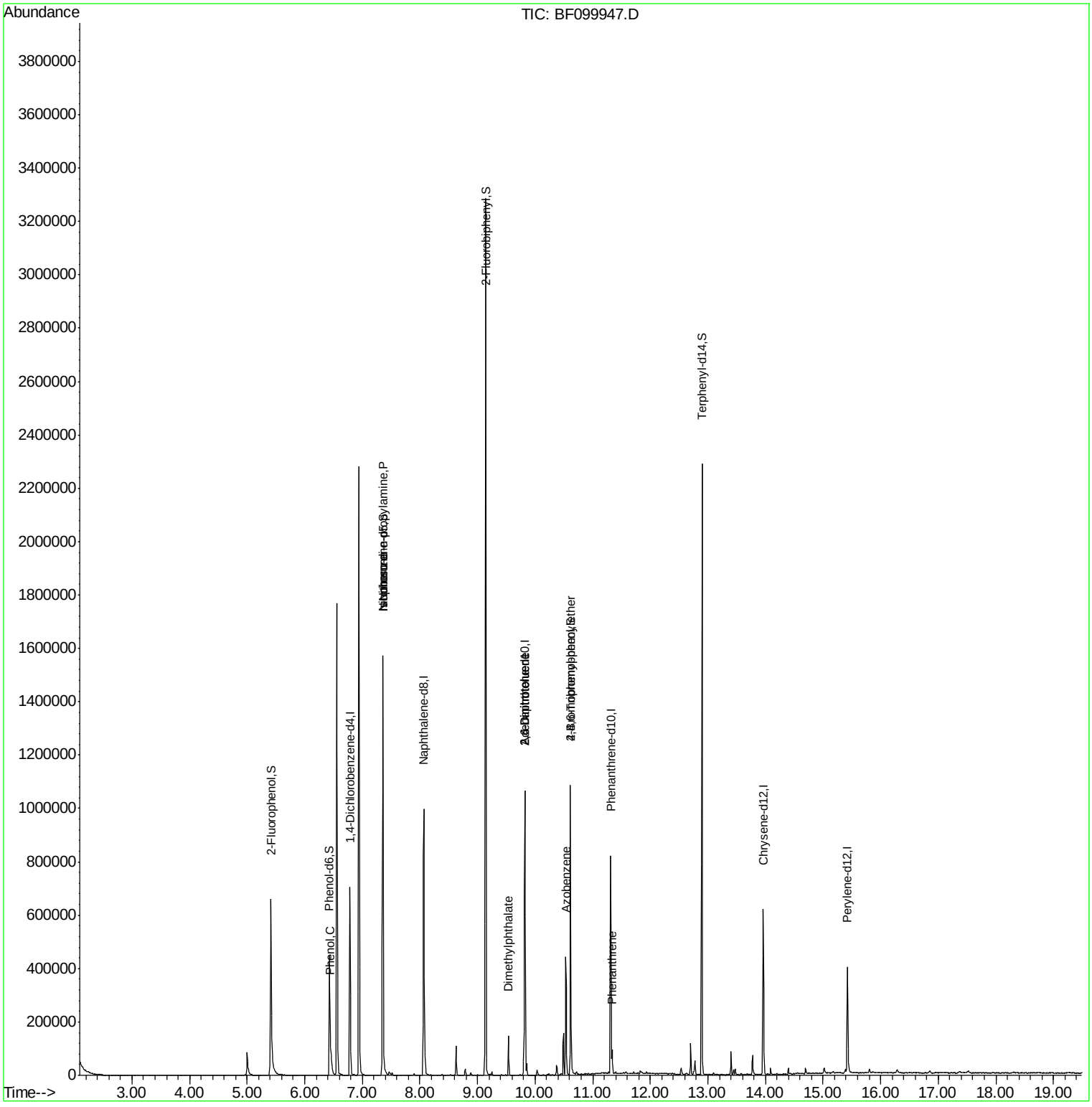
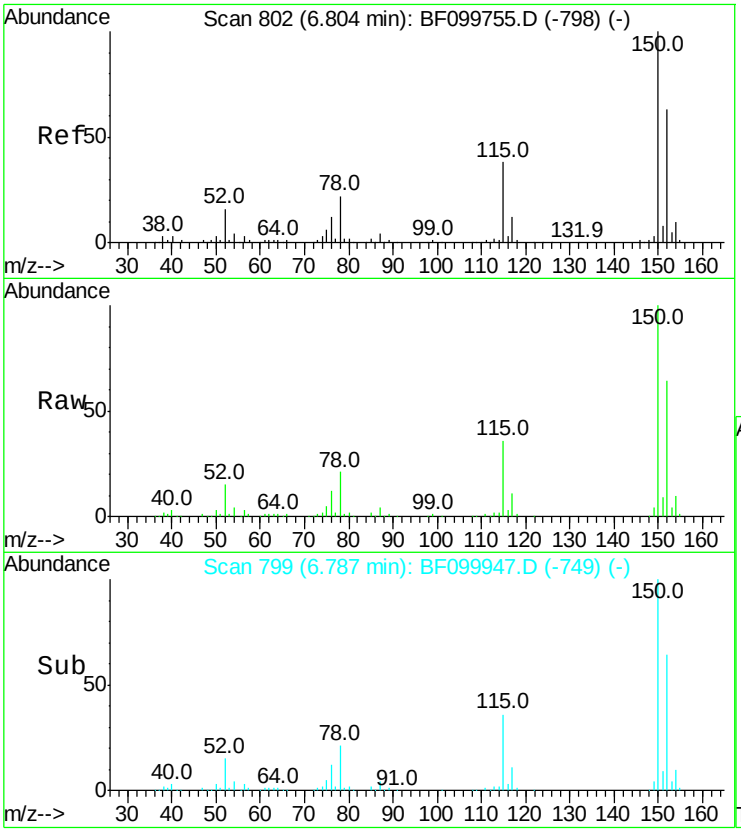


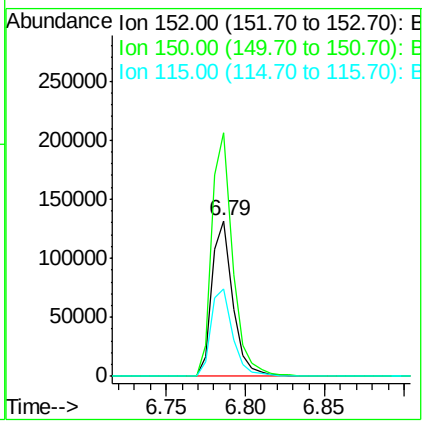


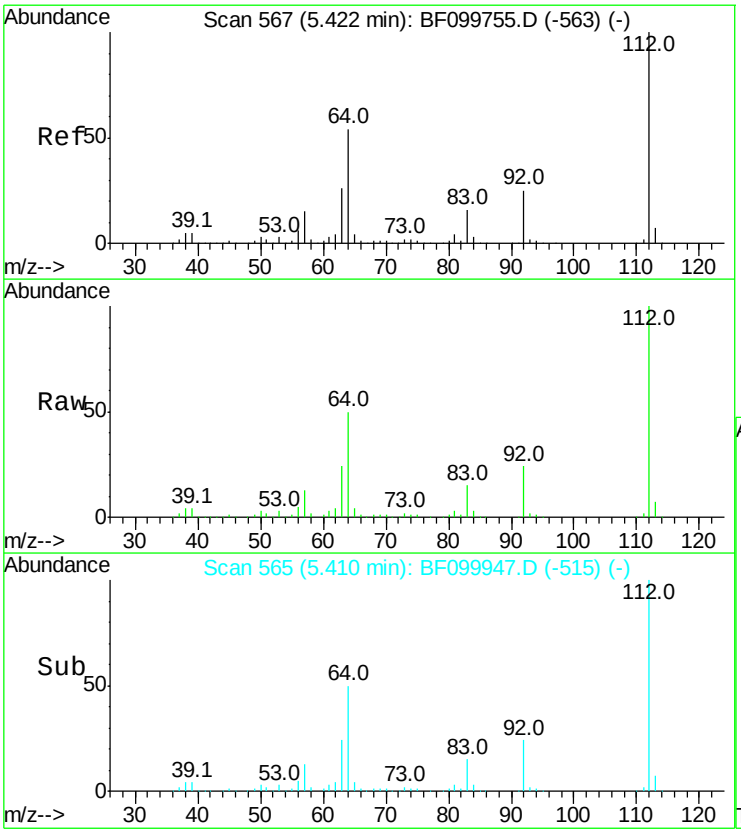
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121385

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	56.6	50.1	75.1

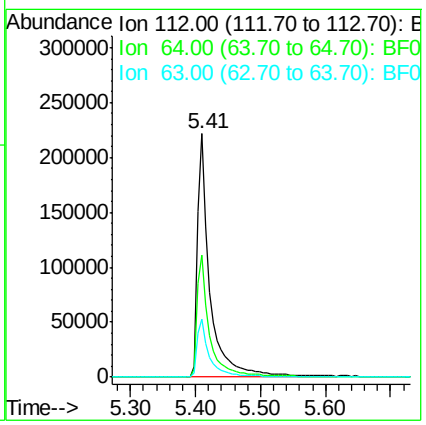


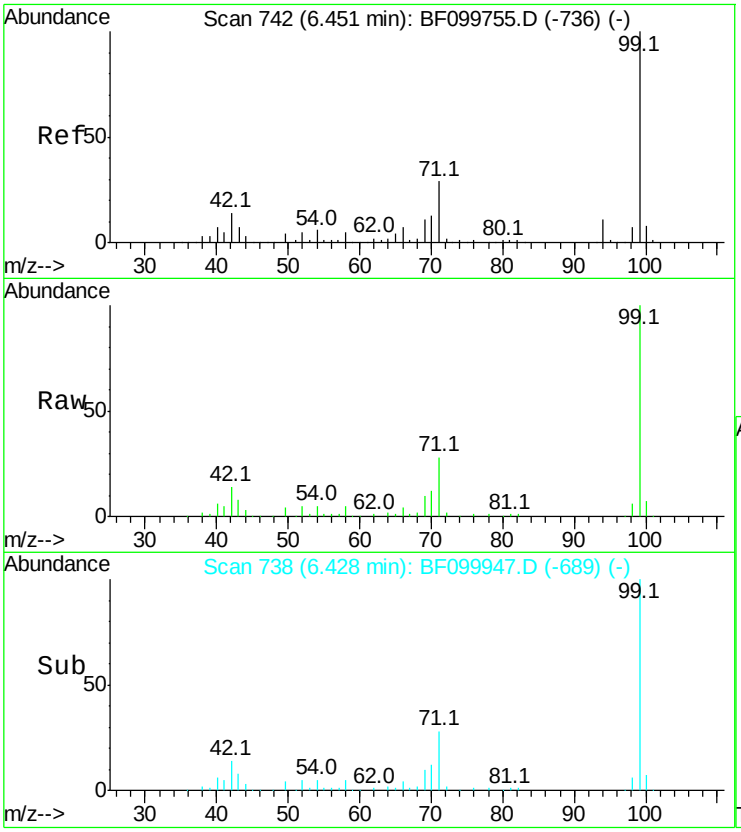


#5
2-Fluorophenol
Concen: 38.276 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:112 Resp: 295939

Ion	Ratio	Lower	Upper
112	100		
64	49.9	47.9	71.9
63	23.9	23.7	35.5

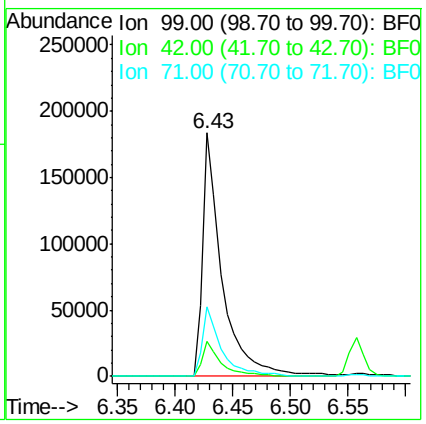




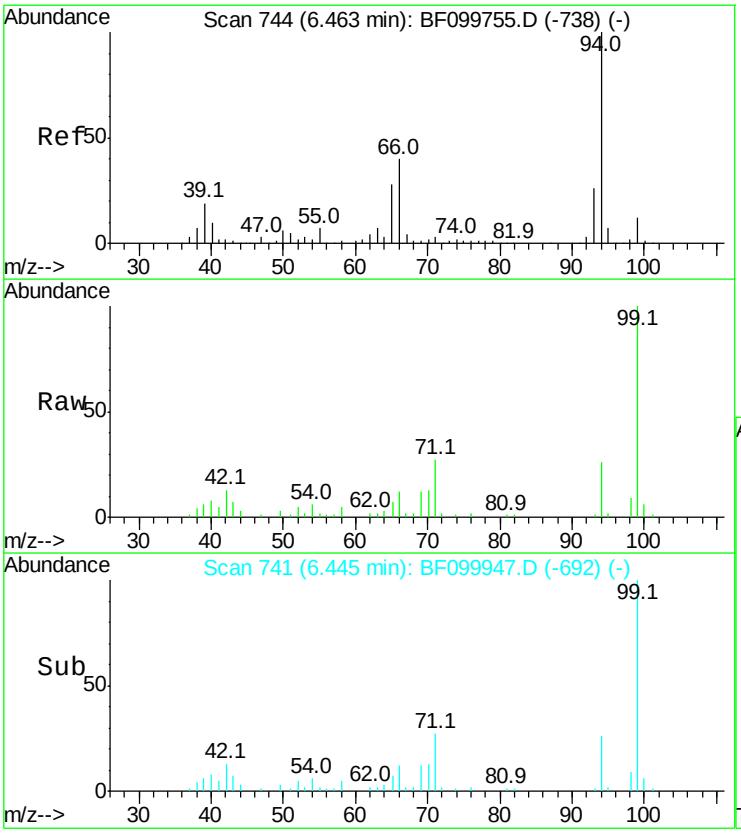
#7
Phenol-d6
Concen: 23.739 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion: 99 Resp: 217632

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	28.4	25.4	38.0



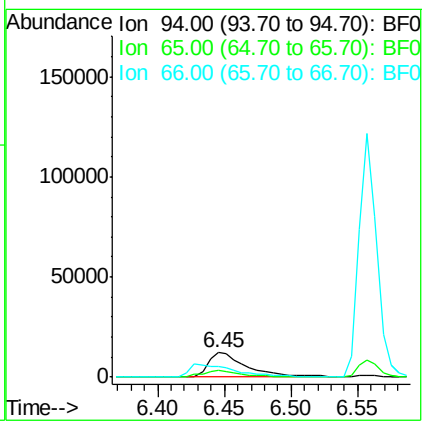
Instrument :
BNA_F
ClientSampleId :

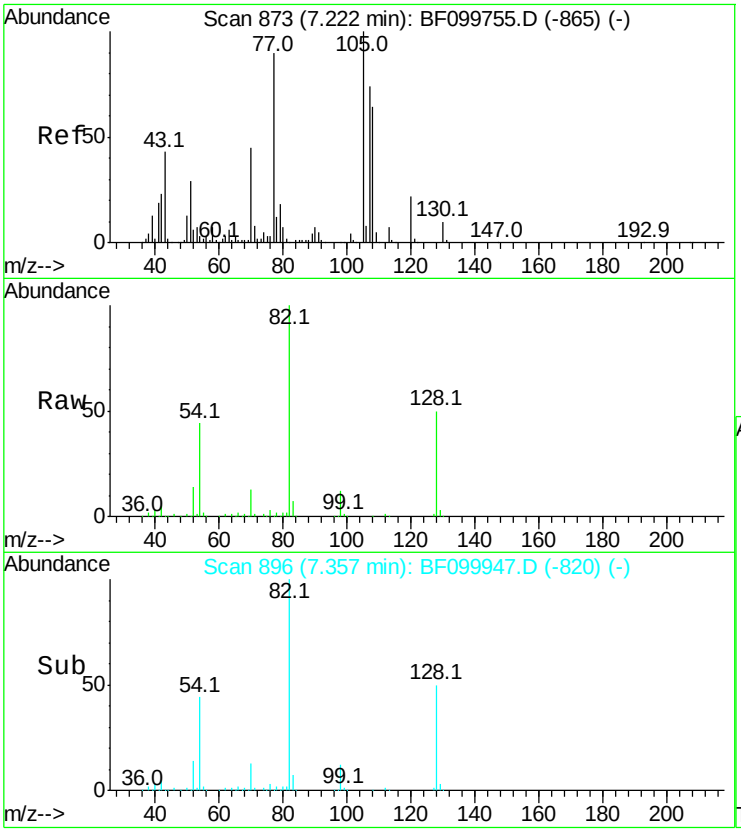


#10
Phenol
Concen: 2.484 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion: 94 Resp: 25002

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	45.3	16.2	56.2



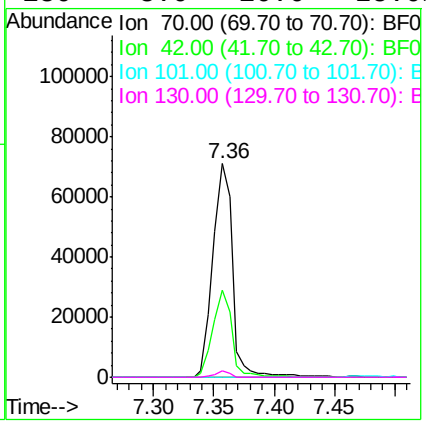


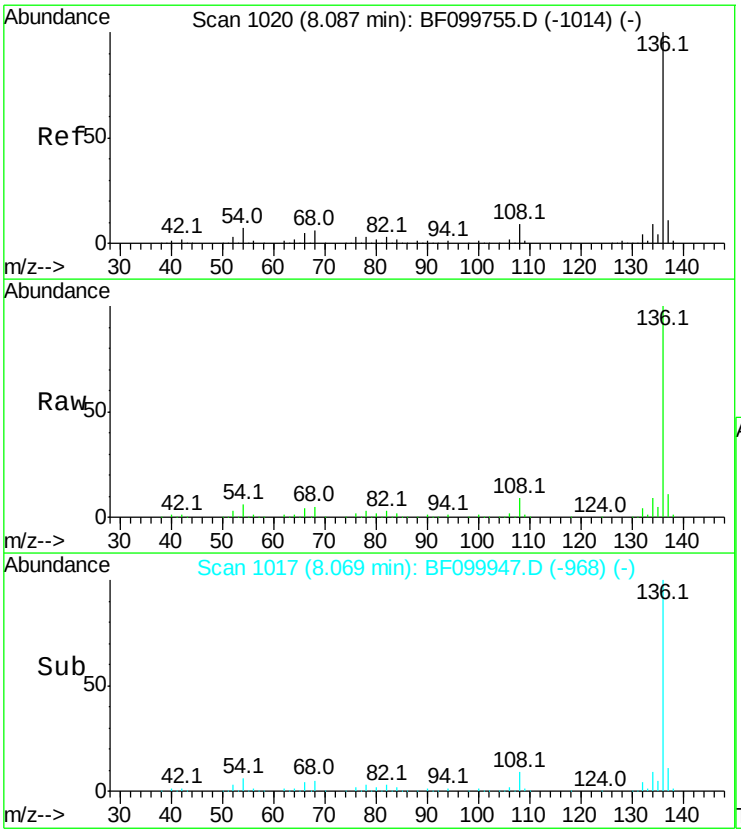
#19
n-Nitroso-di-n-propylamine
Concen: 14.774 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 79372

Ion	Ratio	Lower	Upper
70	100		
42	40.5	47.5	71.3#
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#

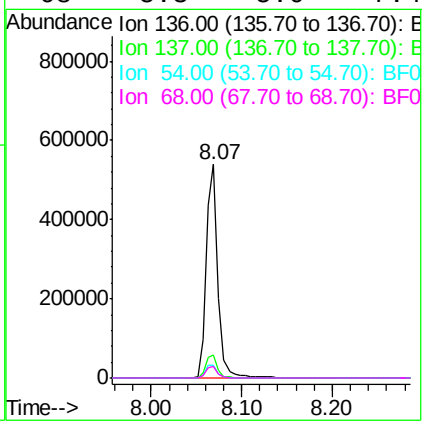


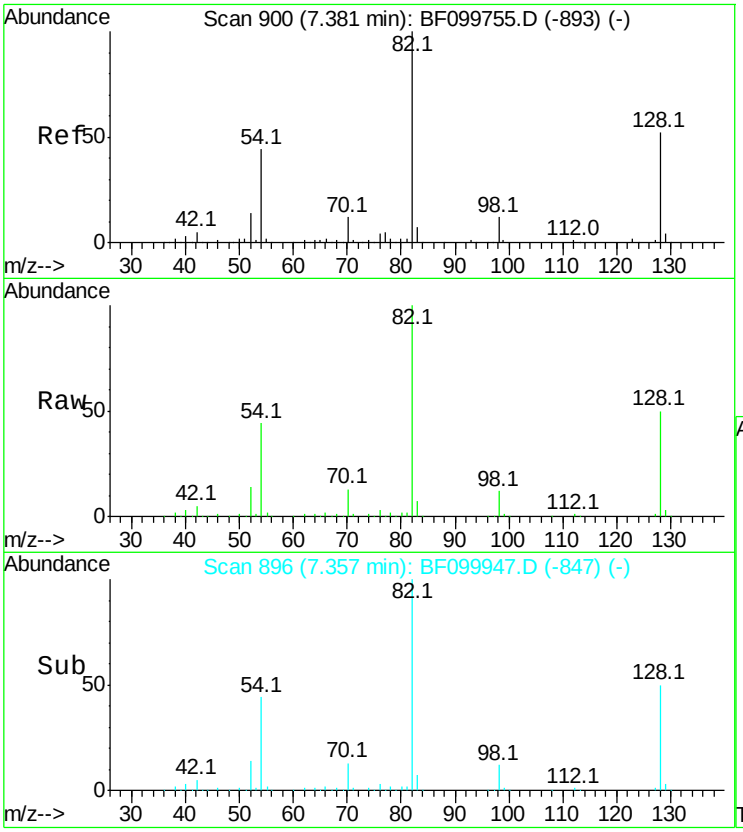


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:136 Resp: 487396

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4



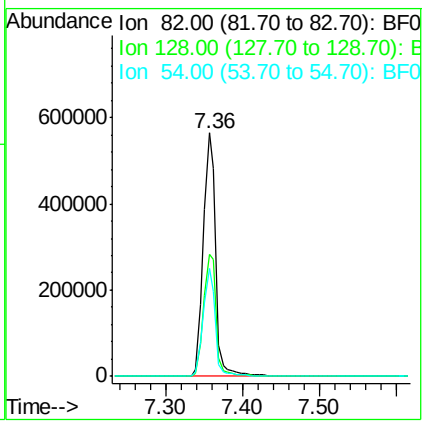


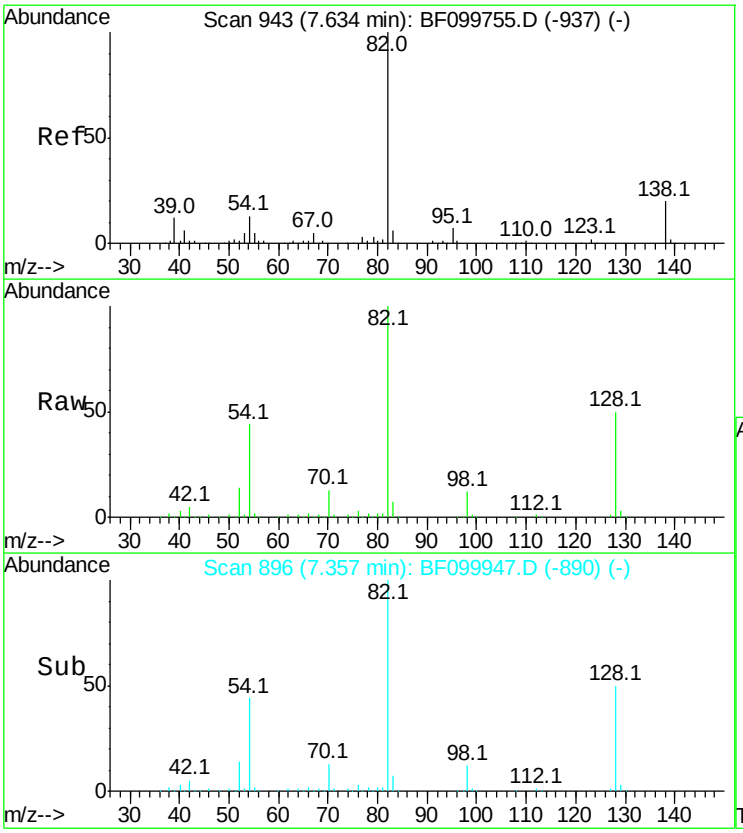
#23
Nitrobenzene-d5
Concen: 83.763 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 634135

Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	44.3	41.4	62.2

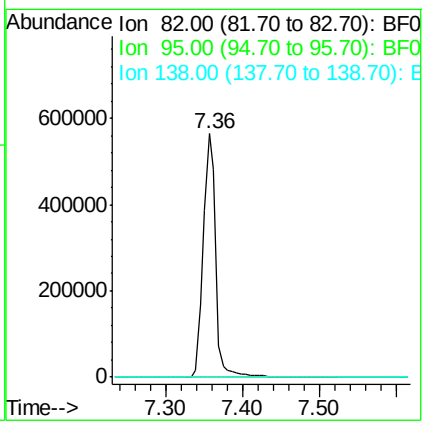


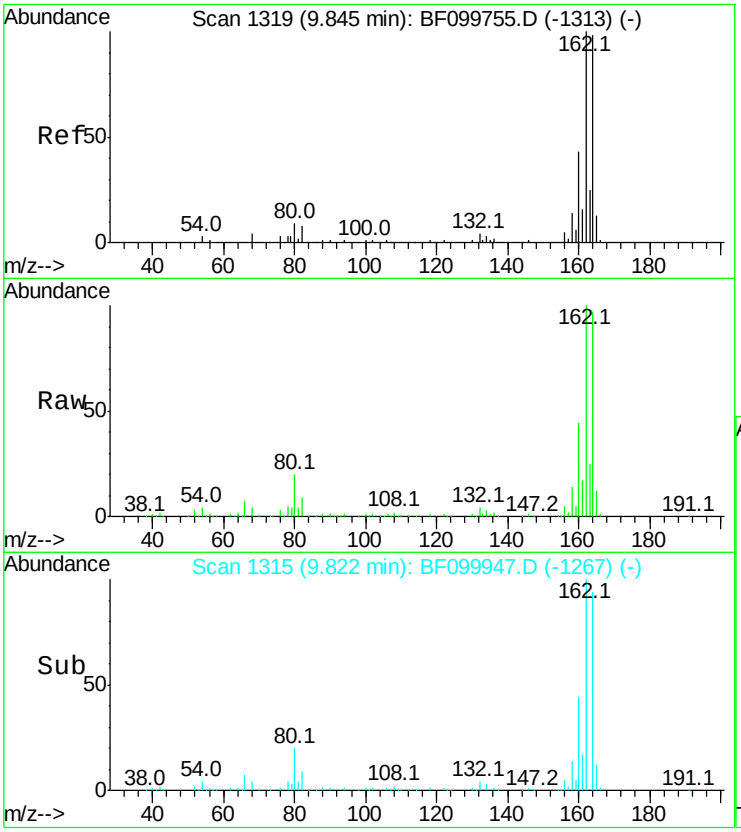


#25
Isophorone
Concen: 46.161 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion: 82 Resp: 634135

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



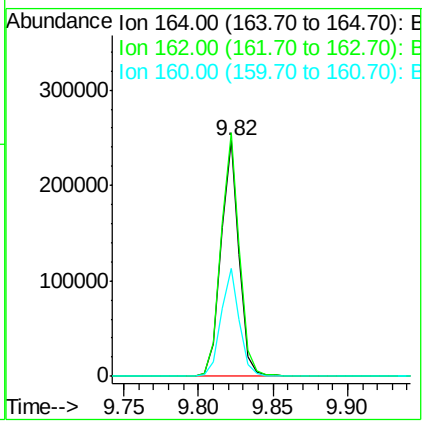


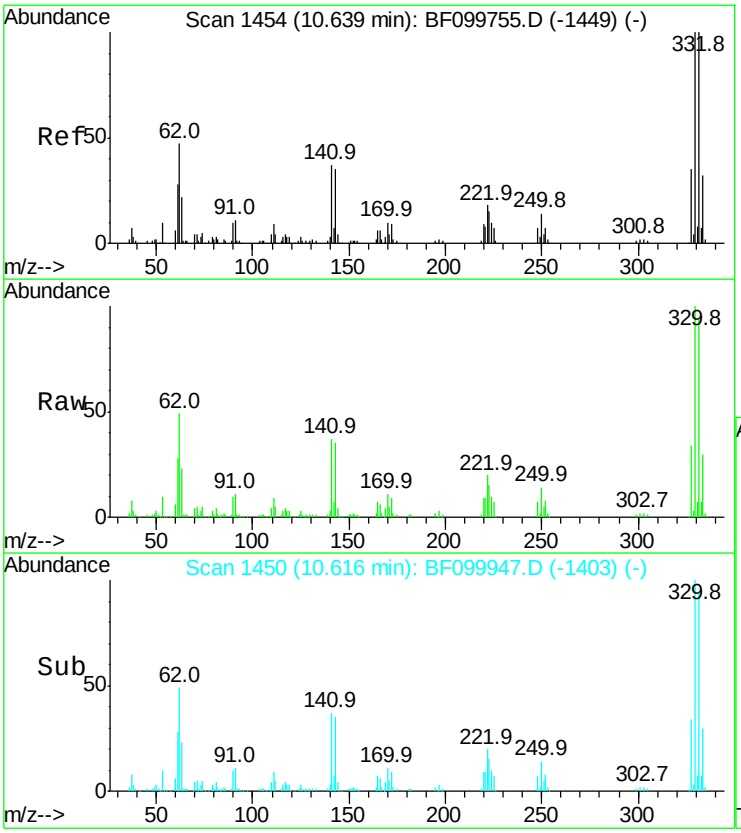
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 210994

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.0	38.3	57.5

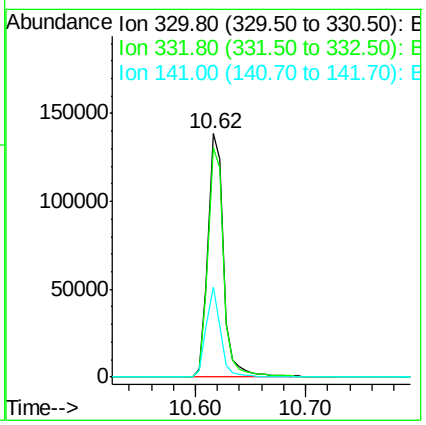


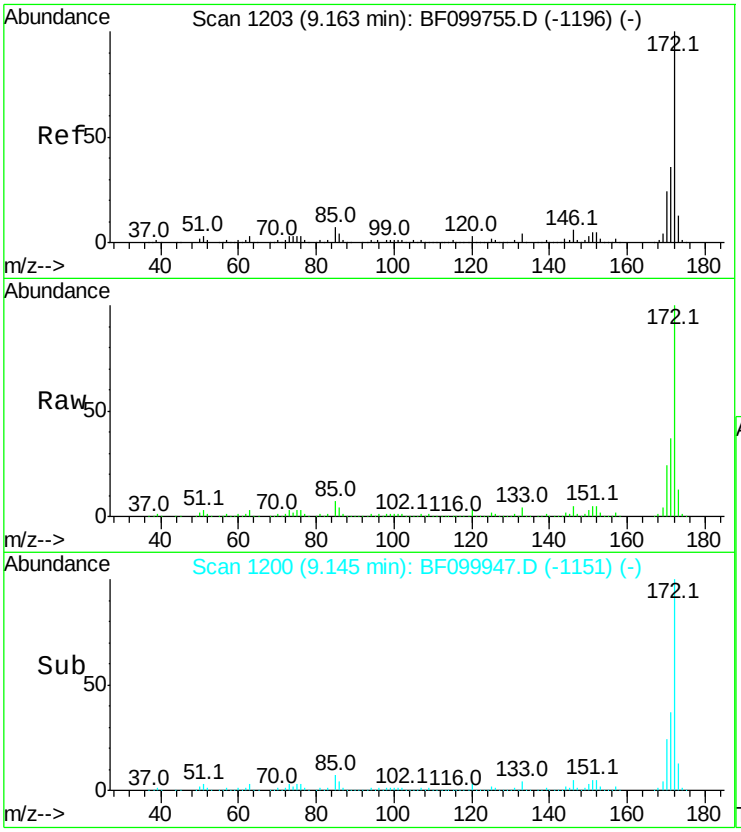


#41
2,4,6-Tribromophenol
Concen: 69.390 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:330 Resp: 133425

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	33.8	29.9	44.9



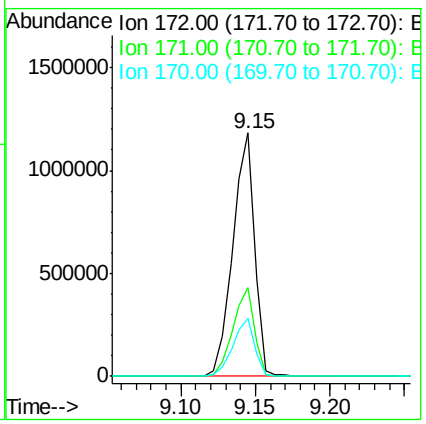


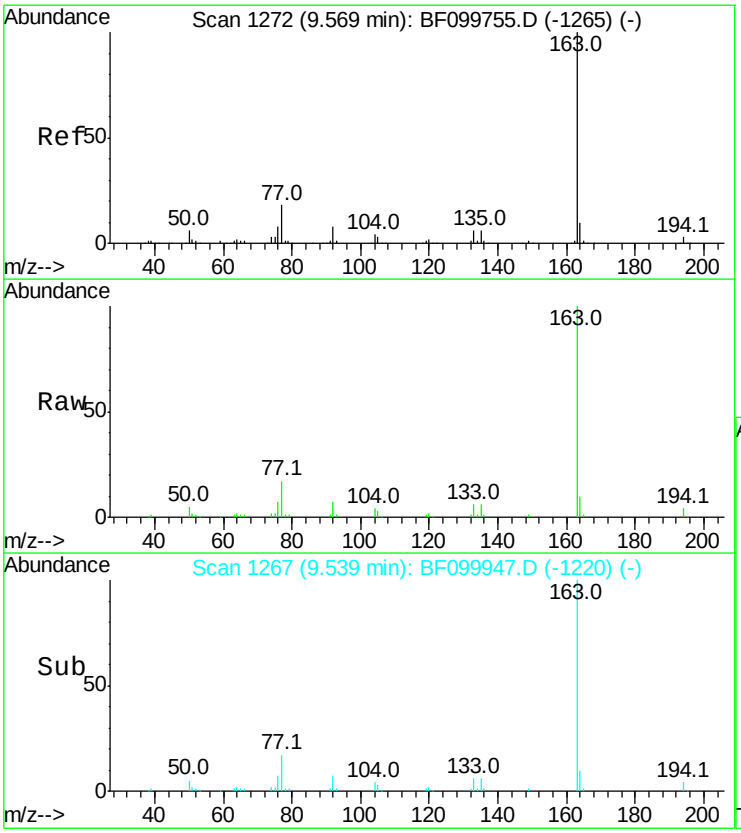
#44
2-Fluorobiphenyl
Concen: 88.760 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1213850

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

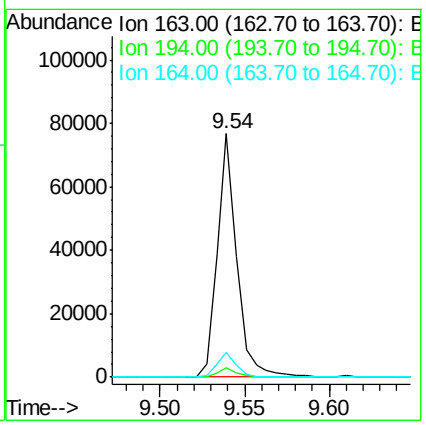


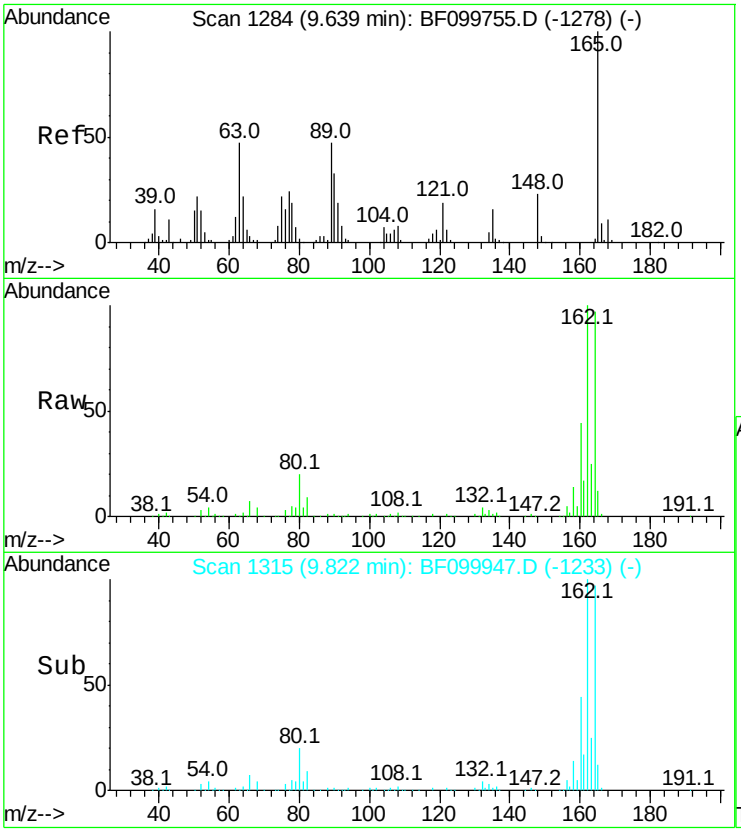


#49
Dimethylphthalate
Concen: 3.735 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:163 Resp: 62402

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2



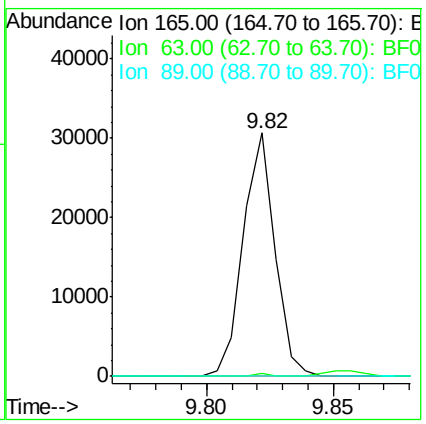


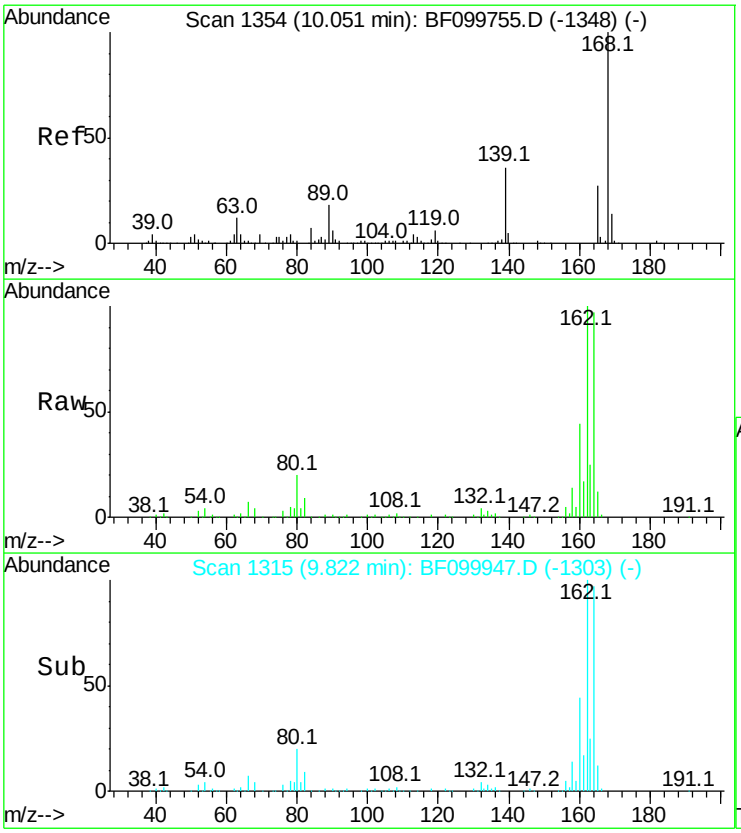
#50
2,6-Dinitrotoluene
Concen: 7.596 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26681

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#

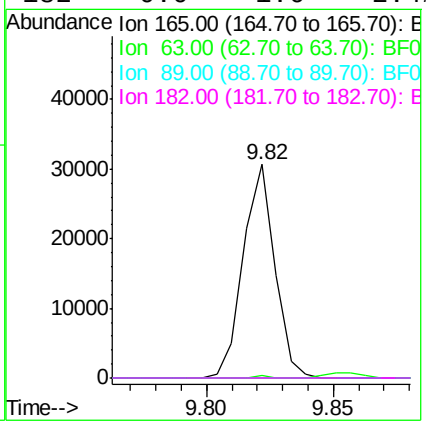


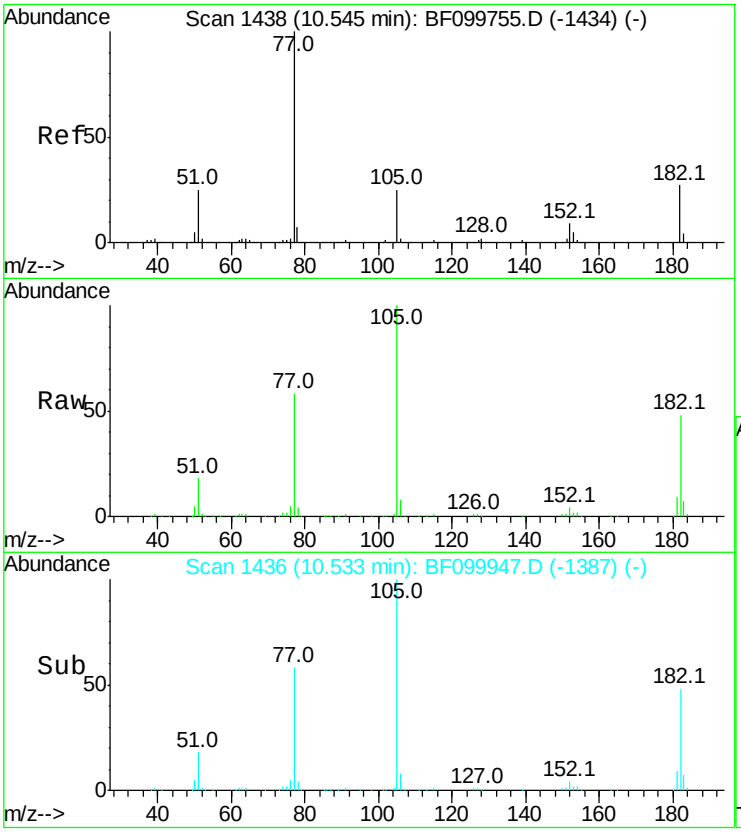


#56
2,4-Dinitrotoluene
Concen: 6.307 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:165 Resp: 26681

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



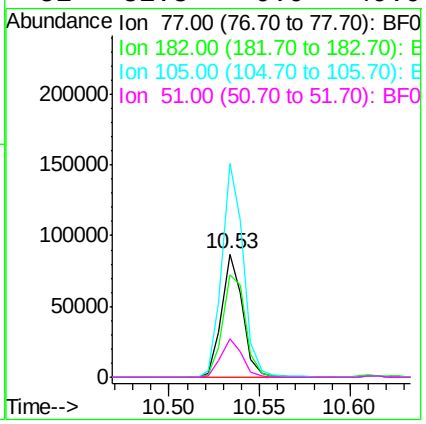


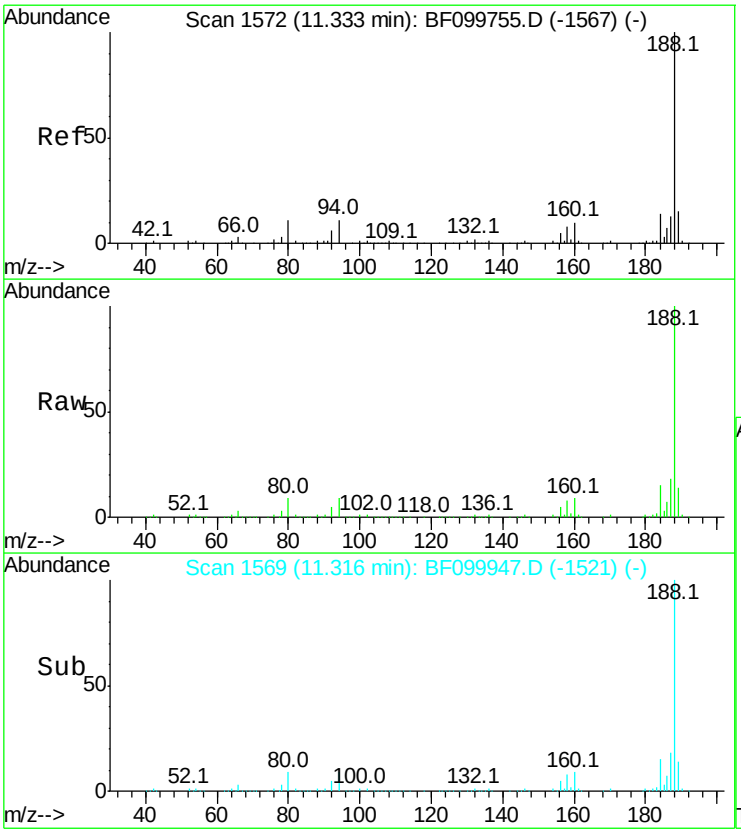
#62
Azobenzene
Concen: 5.171 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 70727

Ion	Ratio	Lower	Upper
77	100		
182	83.7	1.7	41.7#
105	173.5	3.0	43.0#
51	31.3	9.9	49.9

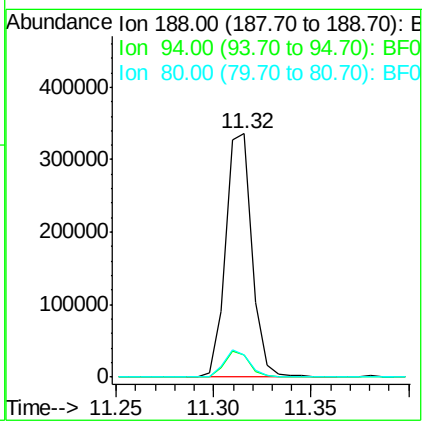


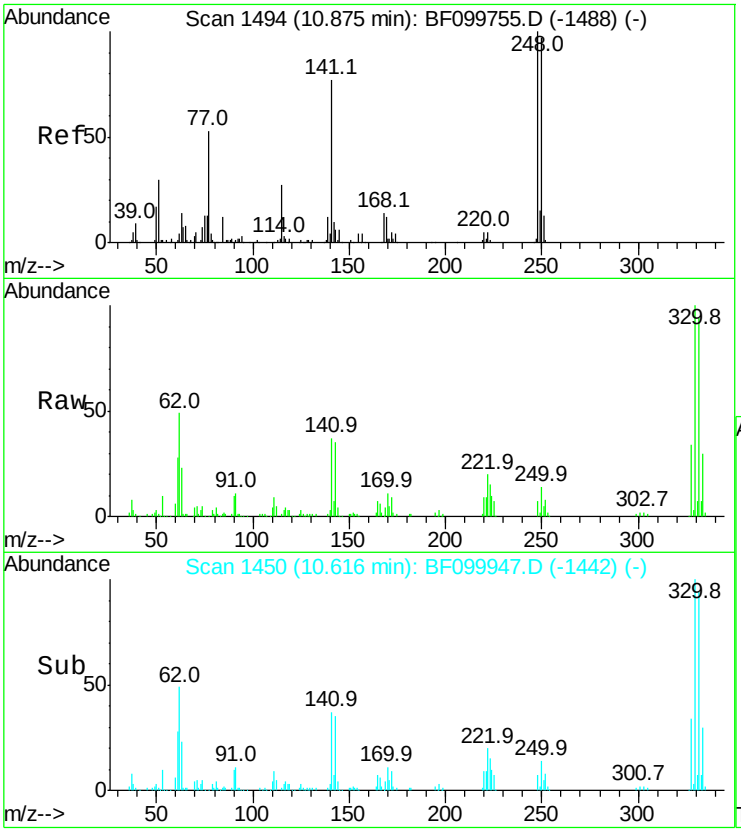


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:188 Resp: 314532

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.3	9.2	13.8



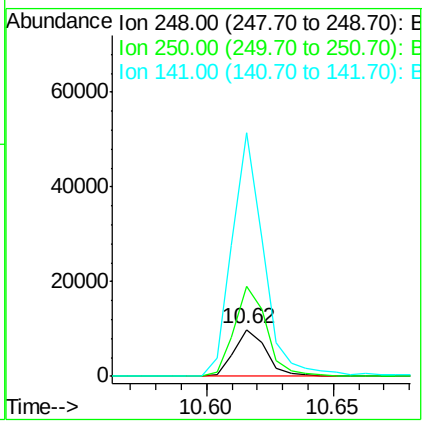


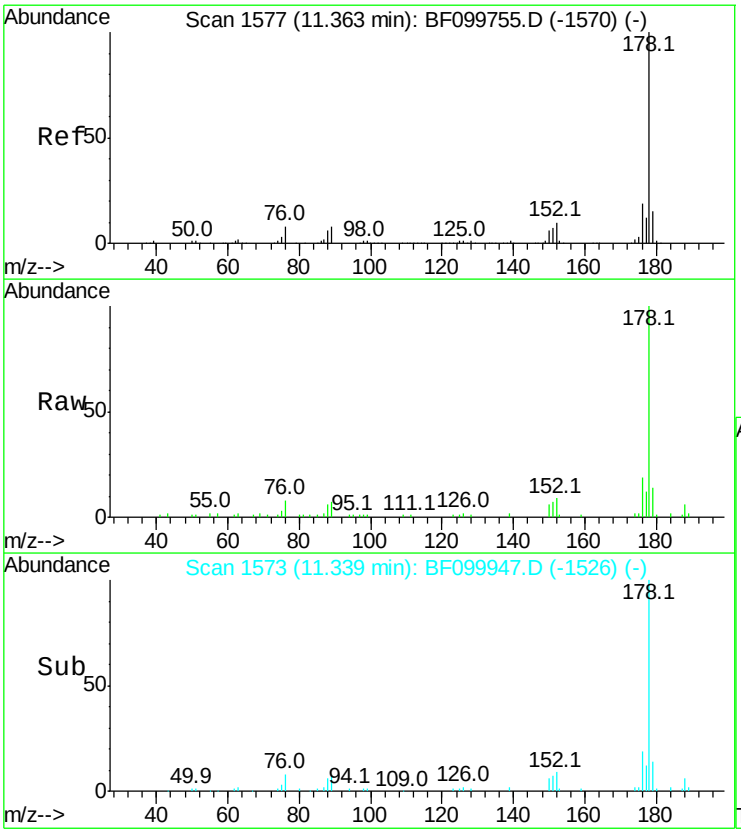
#66
4-Bromophenyl-phenylether
Concen: 2.606 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8629

Ion	Ratio	Lower	Upper
248	100		
250	193.7	76.9	115.3#
141	520.9	74.4	111.6#

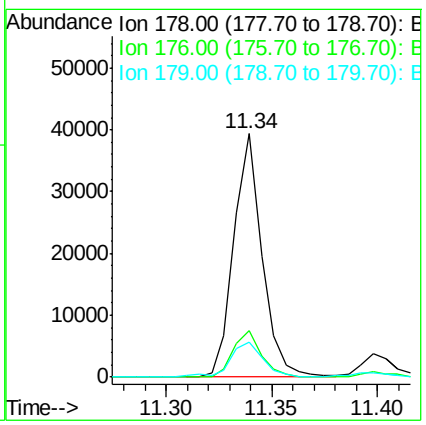


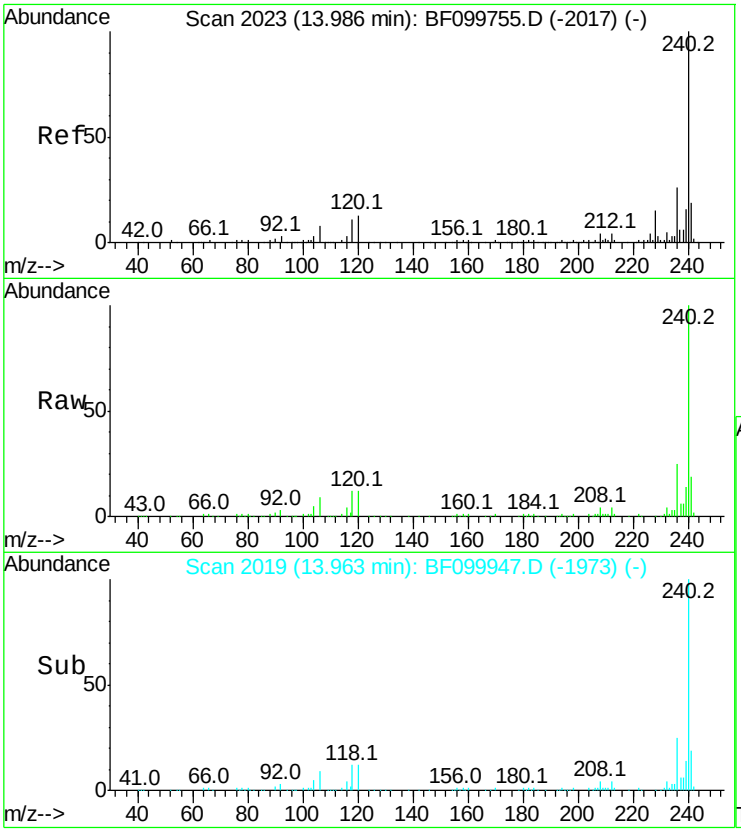


#70
Phenanthrene
Concen: 2.059 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:178 Resp: 36551

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.4	13.0	19.6



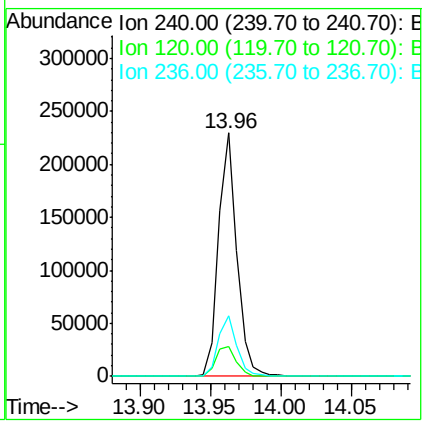


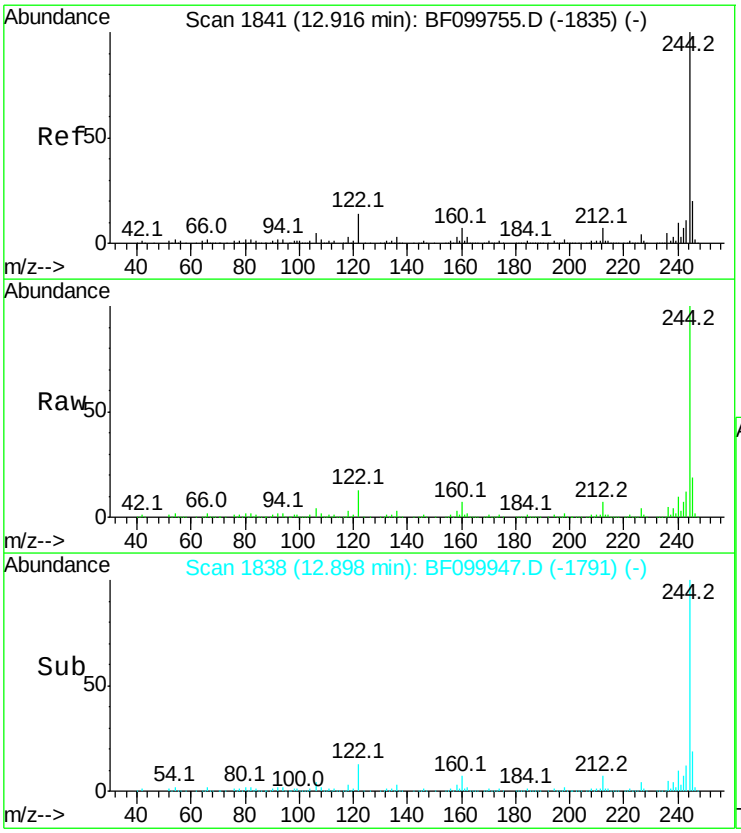
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 208385

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	24.6	20.7	31.1

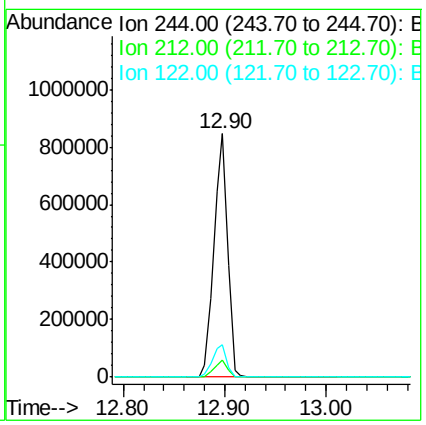


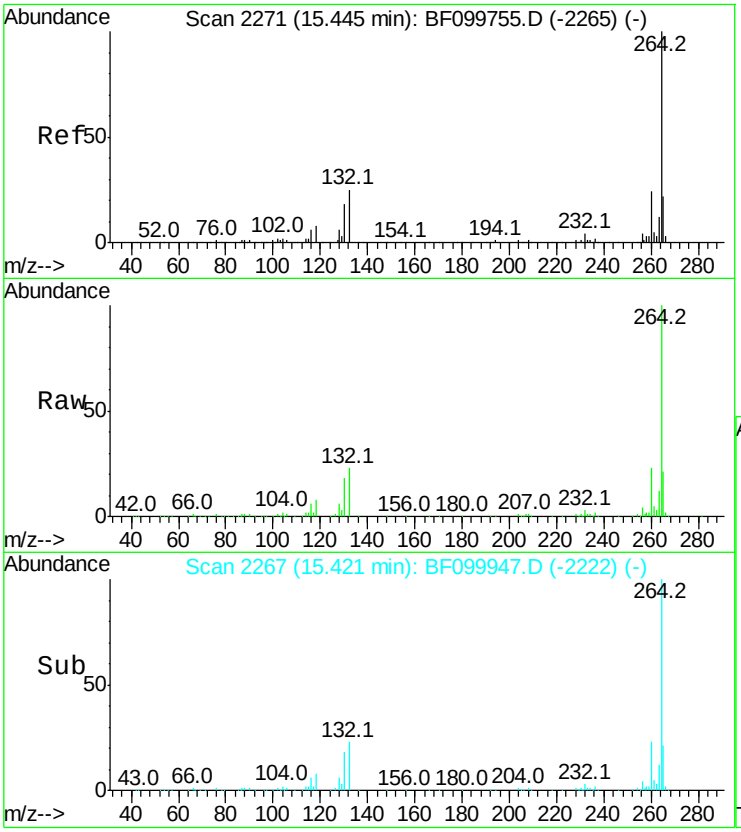


#78
Terphenyl-d14
Concen: 82.819 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:244 Resp: 789719

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	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: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 197007

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3