Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099845.D
Acq On : 26 Oct 2017 7:03
Operator : SJ/JU
Sample : I6057-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 08:52:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	68774	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	281831	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	127519	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	228865	20.00	ng		0.00
75) Chrysene-d12	13.98	240	195682	20.00	ng		0.00
86) Perylene-d12	15.45	264	170391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	180273	41.15	ng		0.00
7) Phenol-d6	6.43	99	137309	26.44	ng		0.00
23) Nitrobenzene-d5	7.36	82	371951	84.97	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	95798	82.44	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	760712	92.04	ng		0.00
78) Terphenyl-d14	12.92	244	724015	80.86	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	12067	2.116	ng		88
19) n-Nitroso-di-n-propylamine	7.36	70	45440	14.928	ng	#	72
25) Isophorone	7.36	82	371951	46.825	ng	#	64
49) Dimethylphthalate	9.55	163	30384	3.009	ng		97
50) 2,6-Dinitrotoluene	9.83	165	15939	7.508	ng	#	24
56) 2,4-Dinitrotoluene	9.83	165	15939	6.234	ng	#	21
62) Azobenzene	10.55	77	51671	6.250	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	6317	2.622	ng	#	1

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

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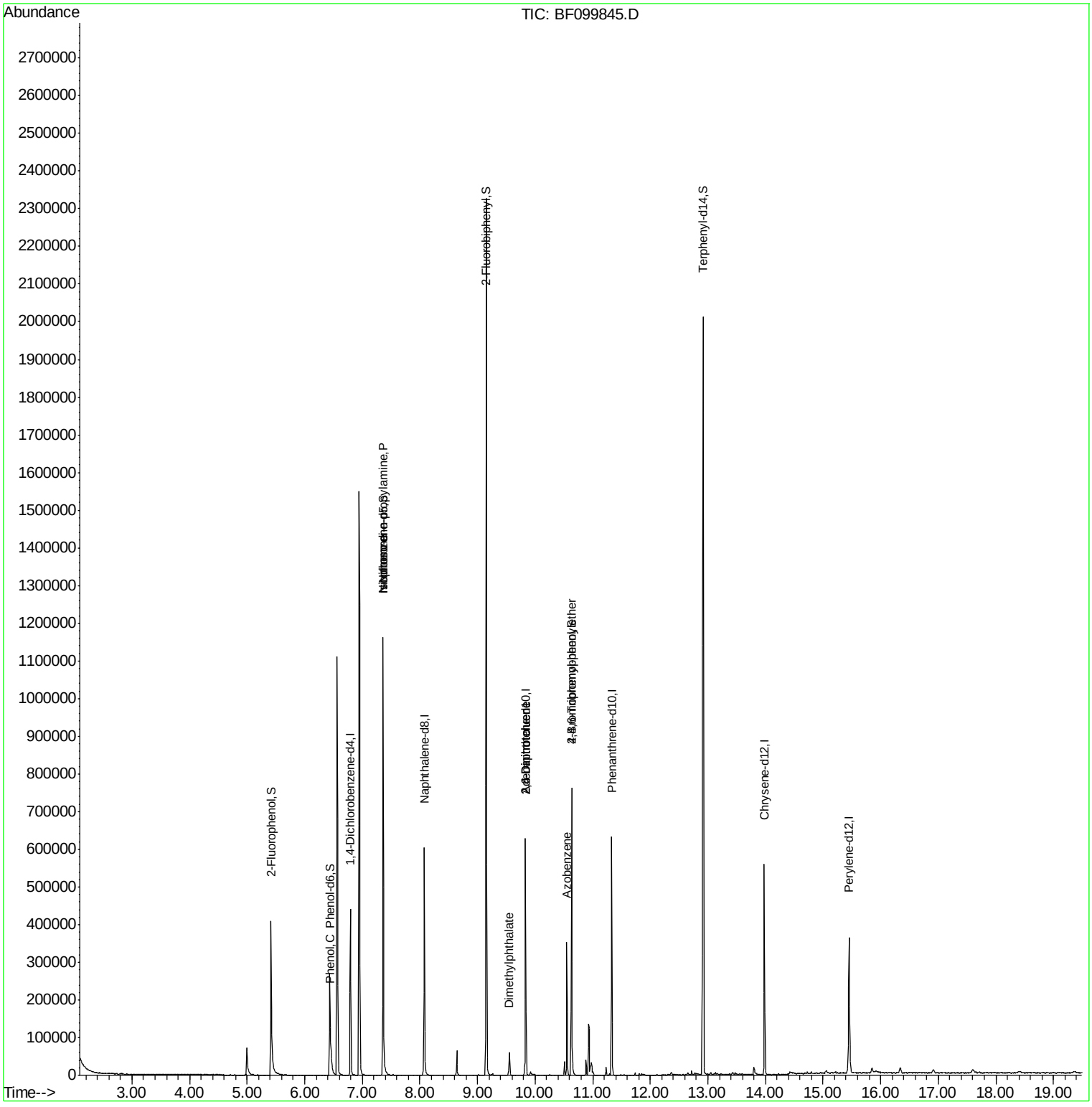
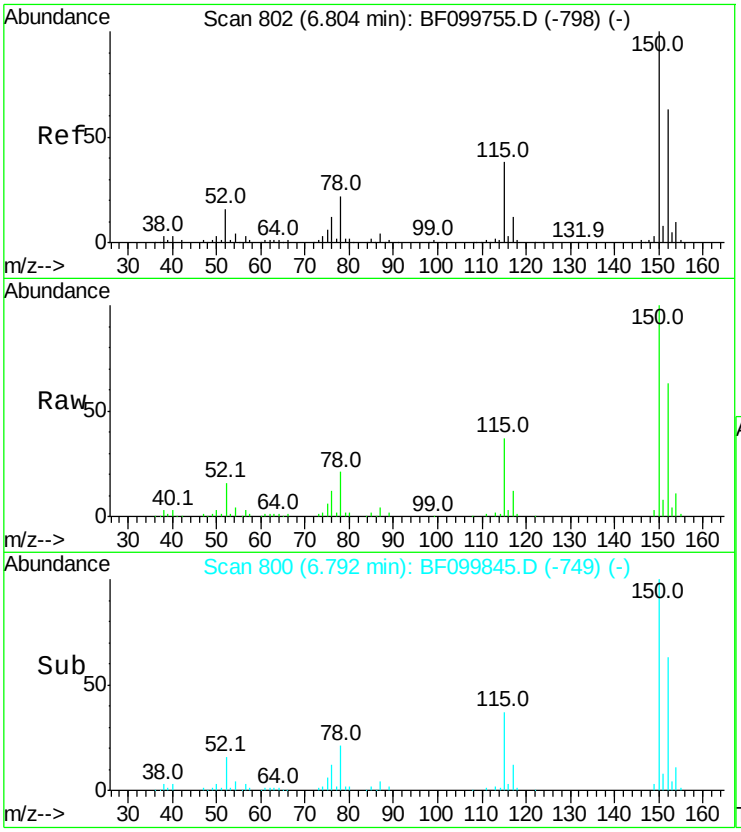


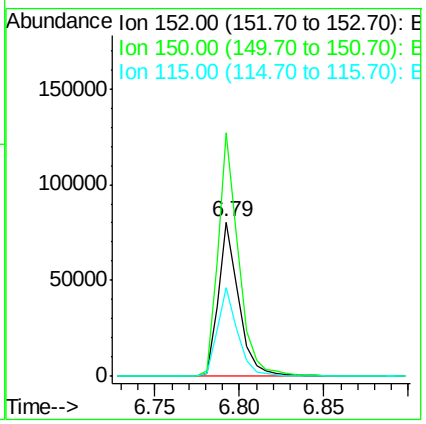


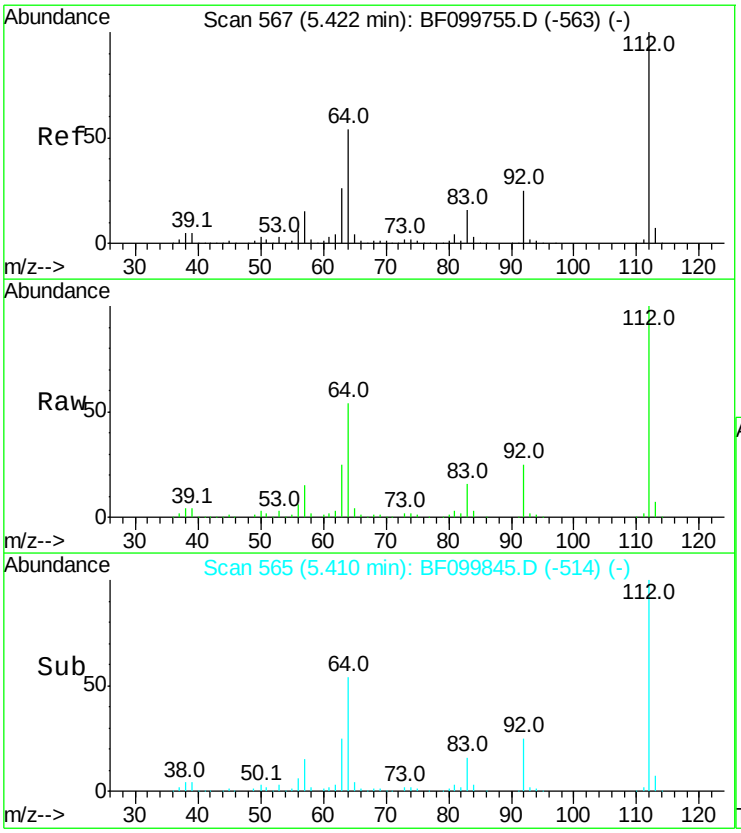
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68774

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	57.7	50.1	75.1

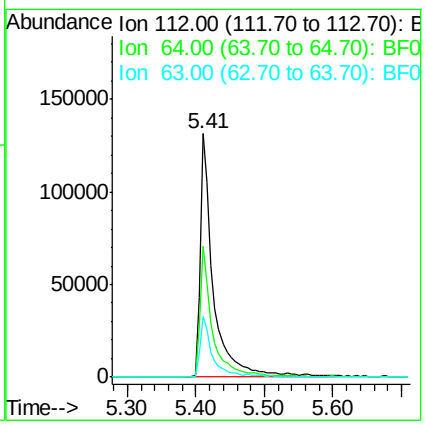


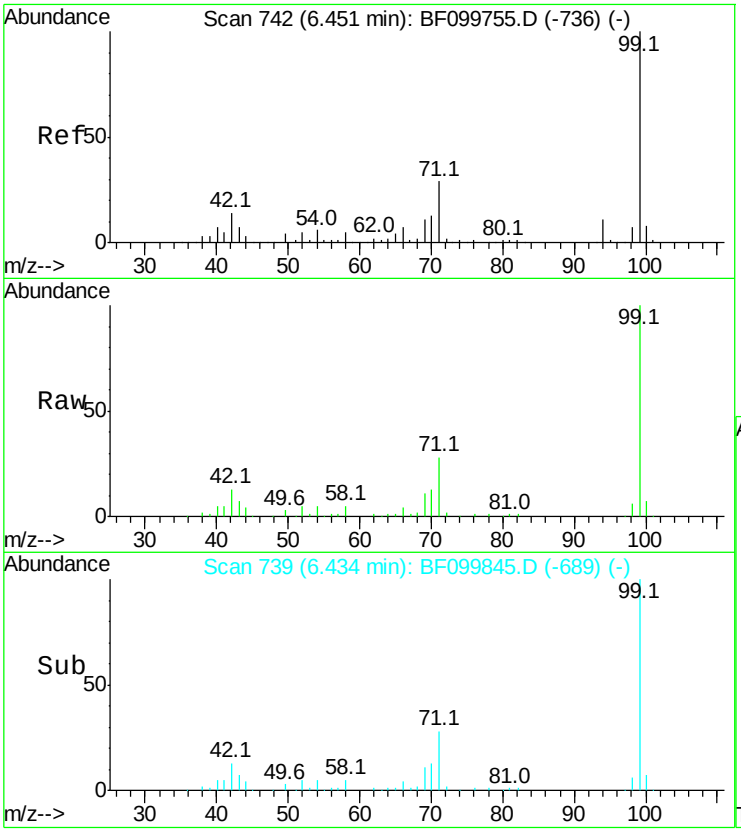


#5
2-Fluorophenol
Concen: 41.153 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:112 Resp: 180273

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	25.0	23.7	35.5



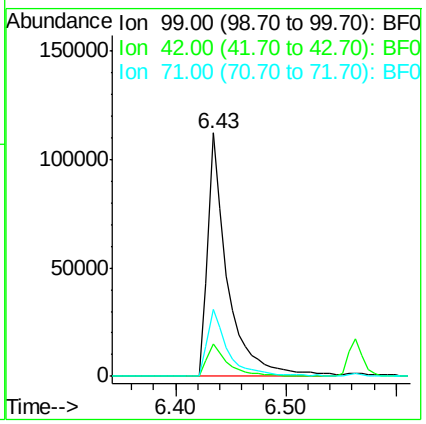


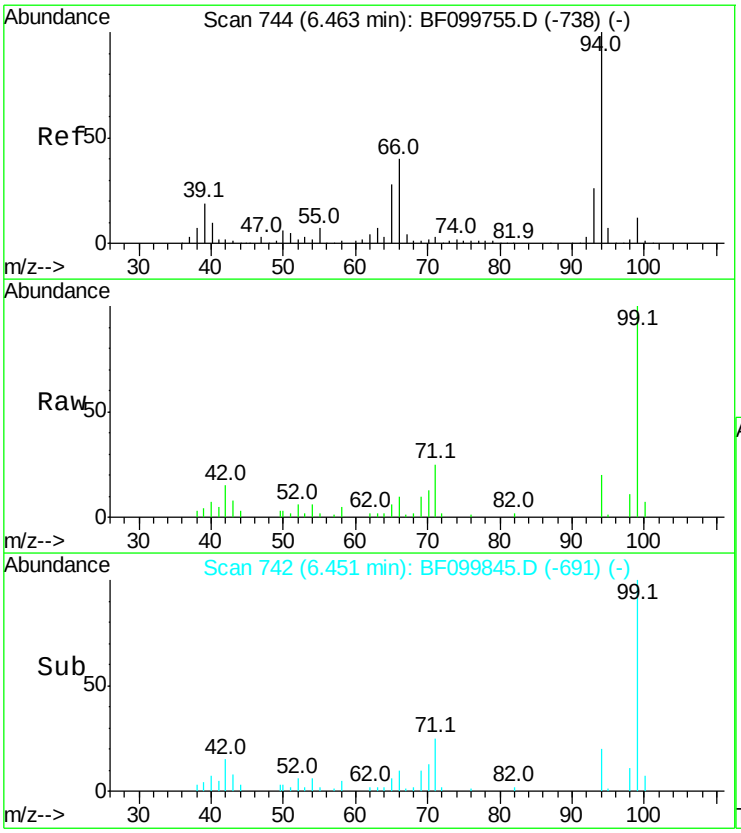
#7
Phenol-d6
Concen: 26.435 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 137309

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.5	21.7#
71	27.8	25.4	38.0

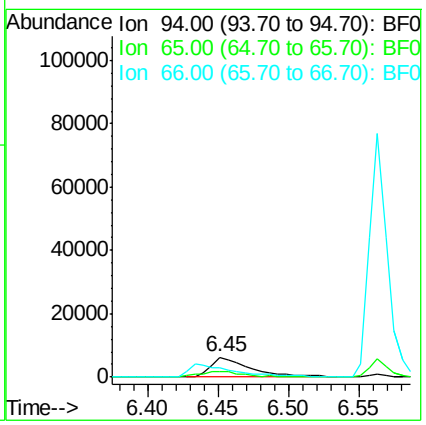


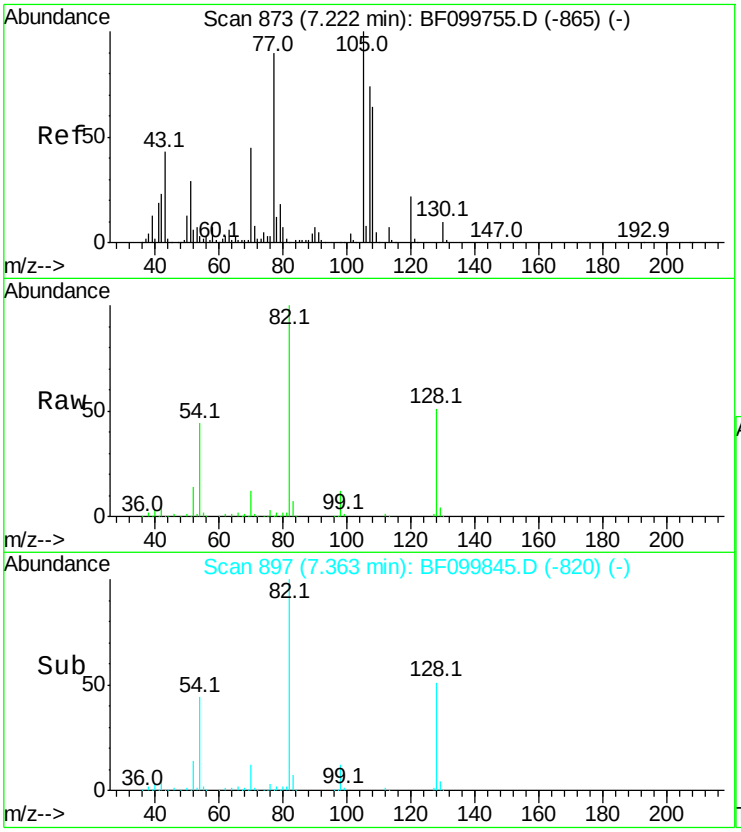


#10
Phenol
Concen: 2.116 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion: 94 Resp: 12067

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	47.5	16.2	56.2



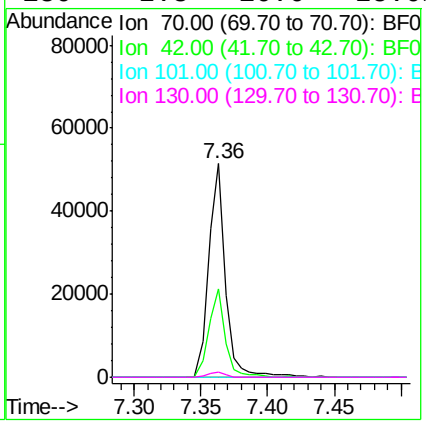


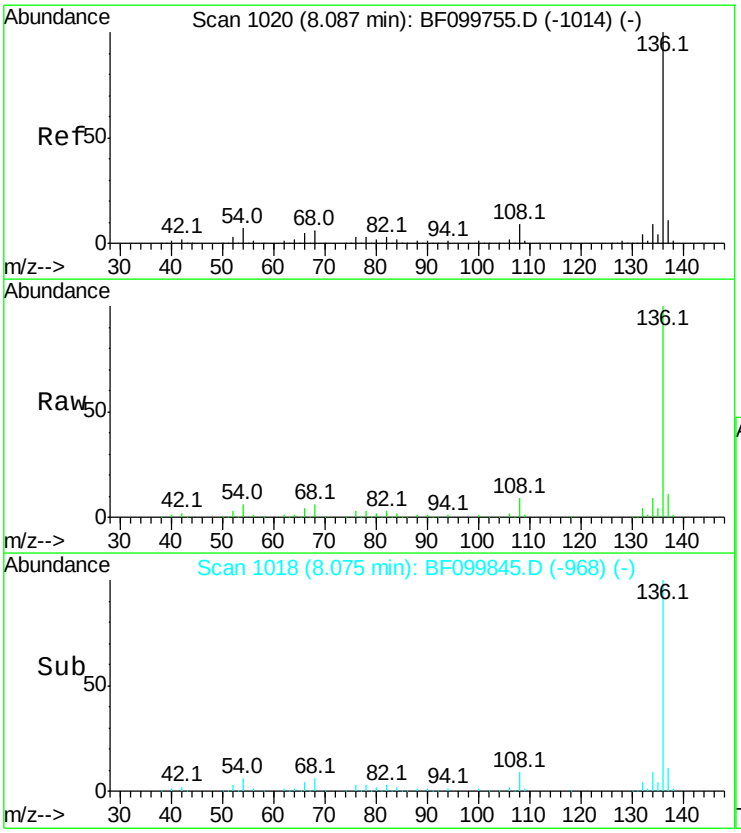
#19
n-Nitroso-di-n-propylamine
Concen: 14.928 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 45440

Ion	Ratio	Lower	Upper
70	100		
42	41.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

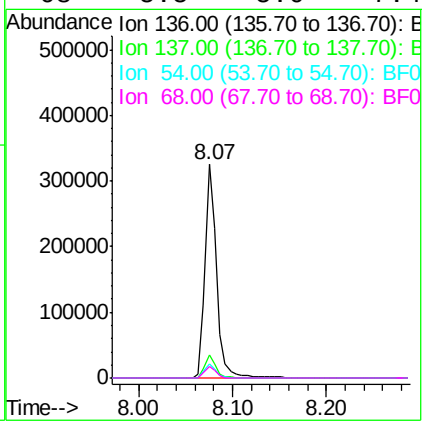


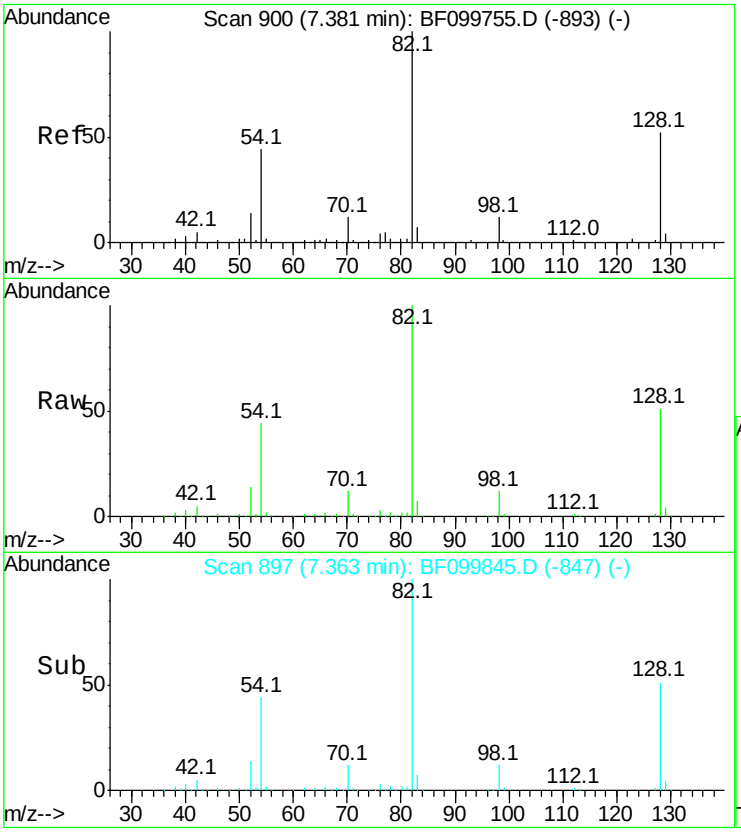


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:136 Resp: 281831

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4

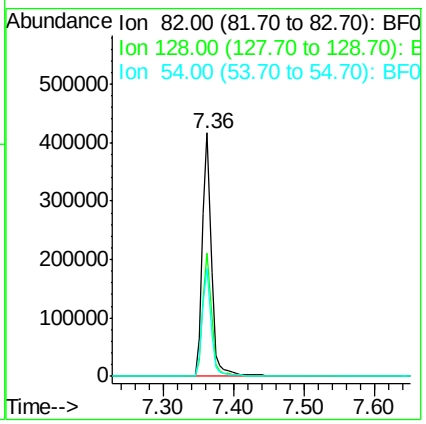




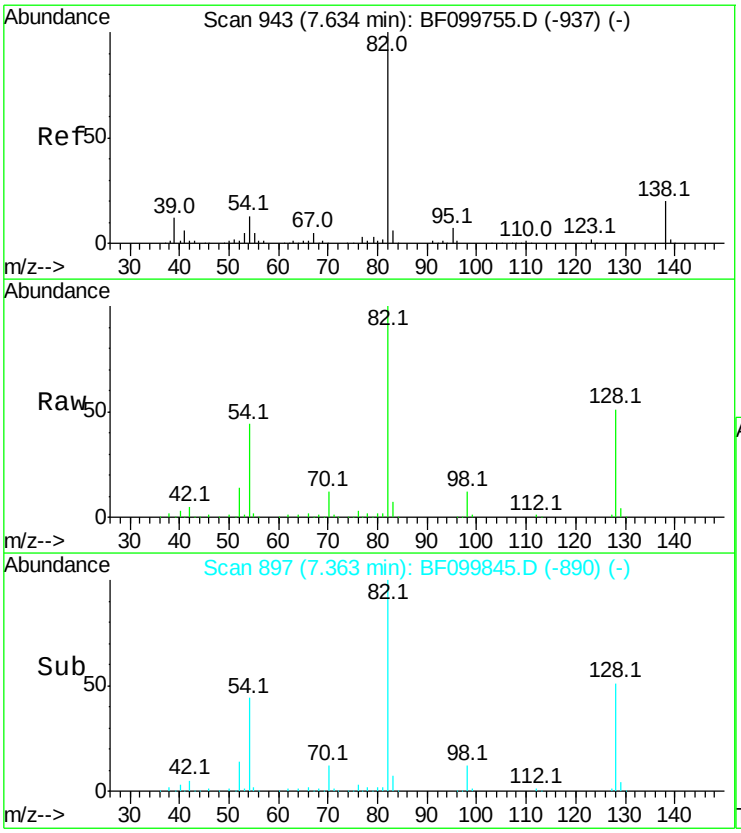
#23
Nitrobenzene-d5
Concen: 84.967 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion: 82 Resp: 371951

Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	44.2	41.4	62.2



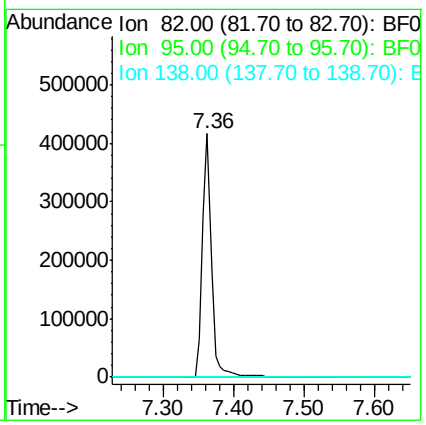
Instrument :
BNA_F
ClientSampleId :

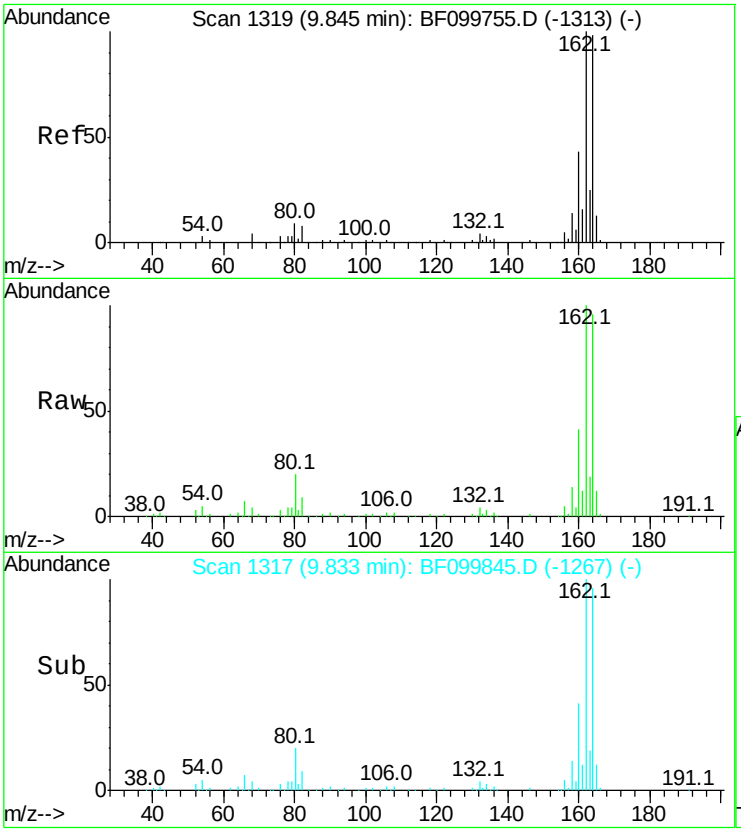


#25
Isophorone
Concen: 46.825 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion: 82 Resp: 371951

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



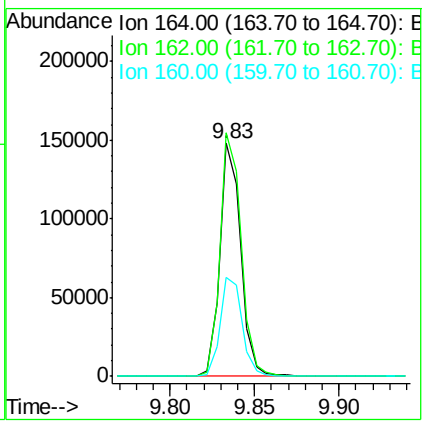


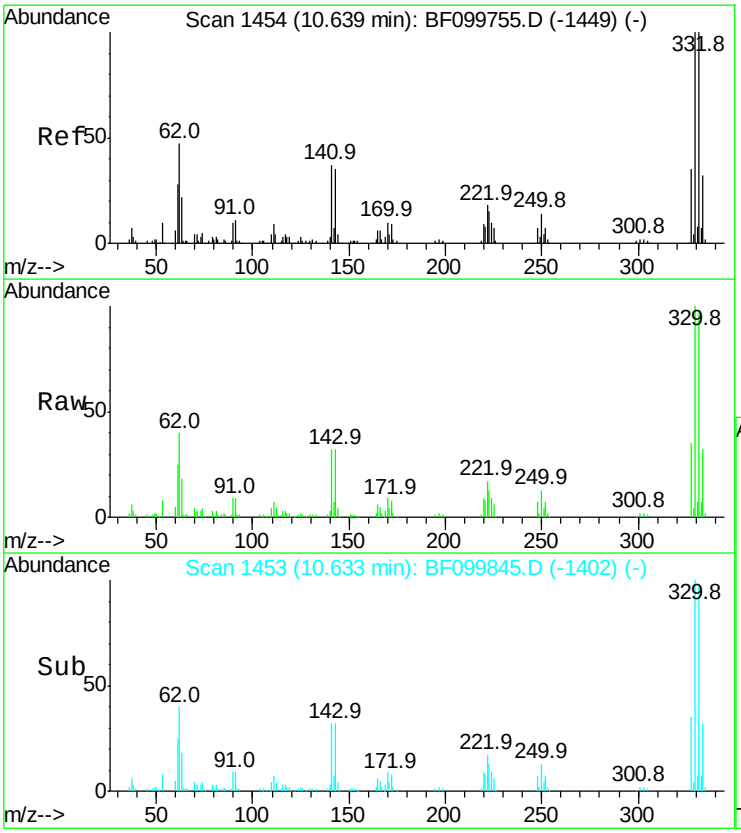
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 127519

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	42.5	38.3	57.5

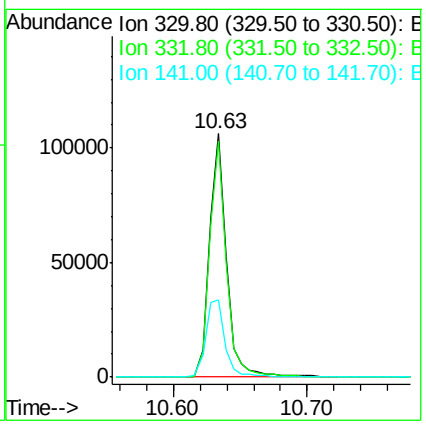


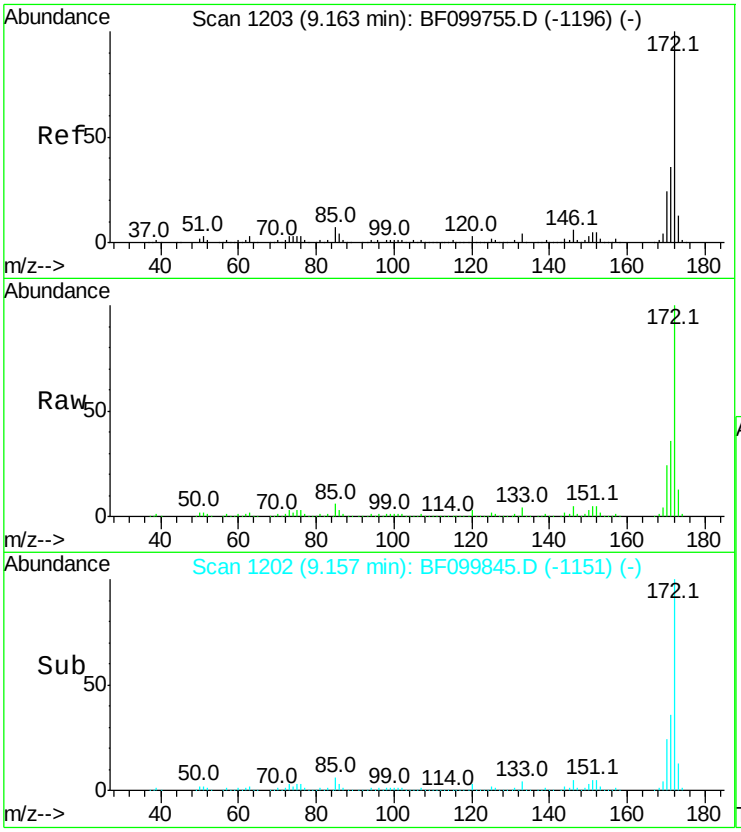


#41
2,4,6-Tribromophenol
Concen: 82.435 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:330 Resp: 95798

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.6	29.9	44.9



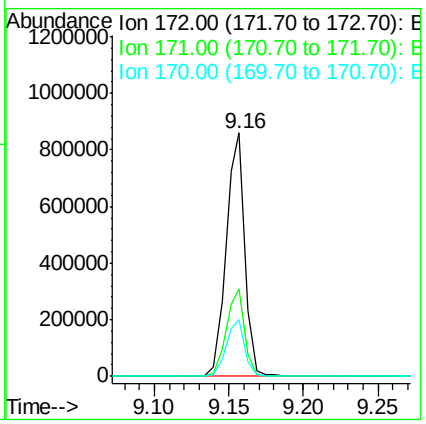


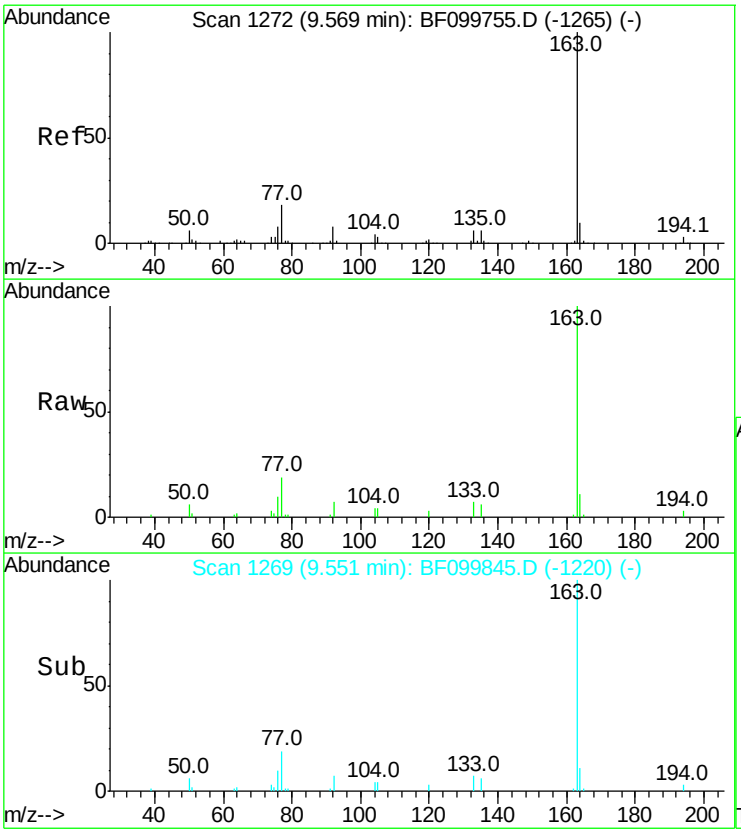
#44
2-Fluorobiphenyl
Concen: 92.038 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 760712

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4

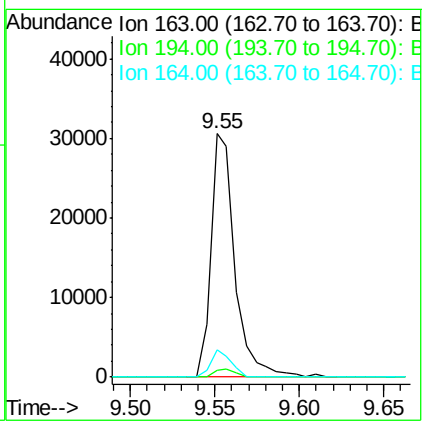


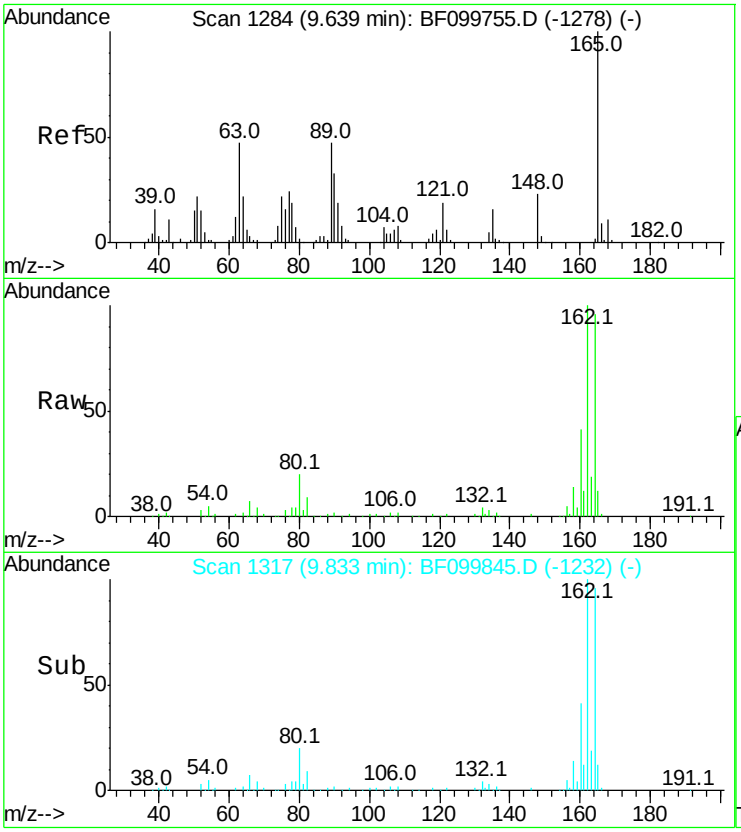


#49
Dimethylphthalate
Concen: 3.009 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:163 Resp: 30384

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	11.5	8.2	12.2



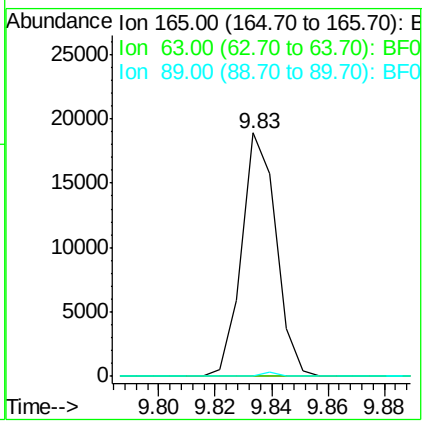


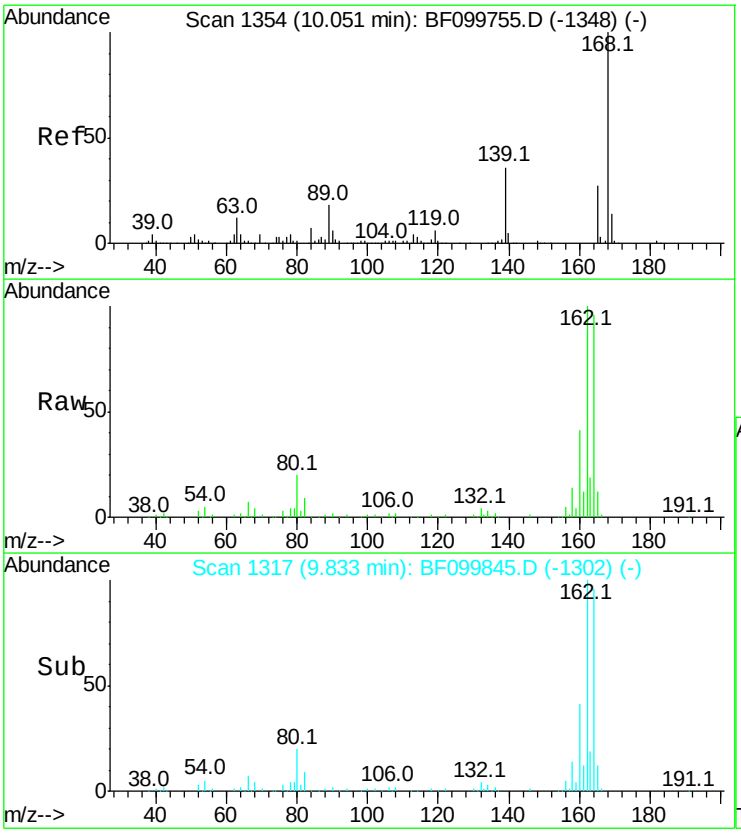
#50
2,6-Dinitrotoluene
Concen: 7.508 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15939

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

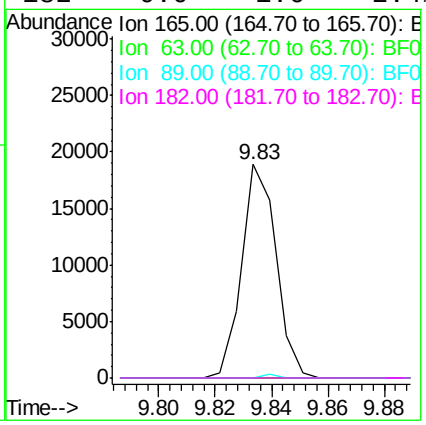


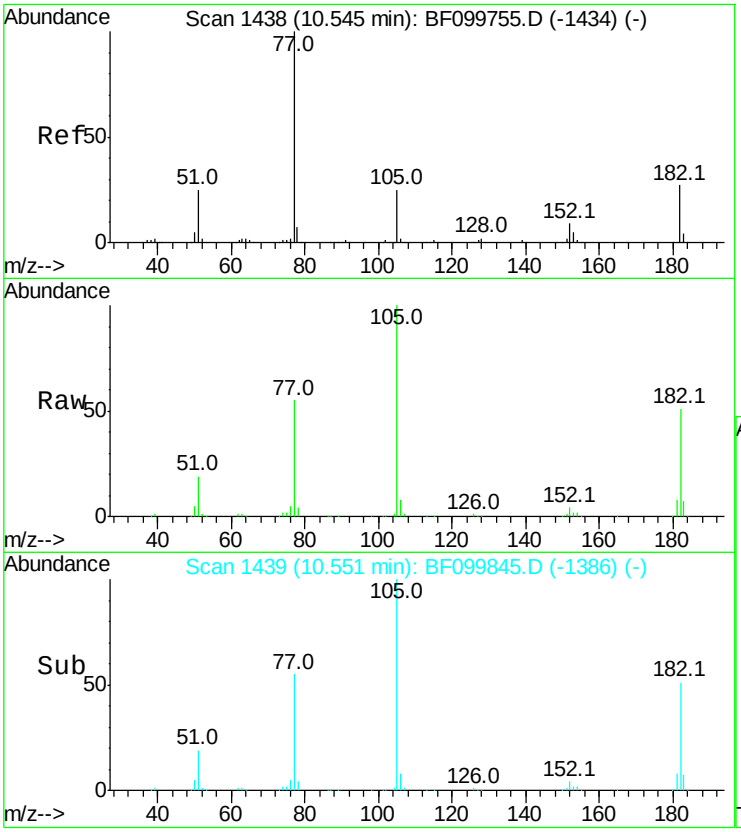


#56
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:165 Resp: 15939

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#



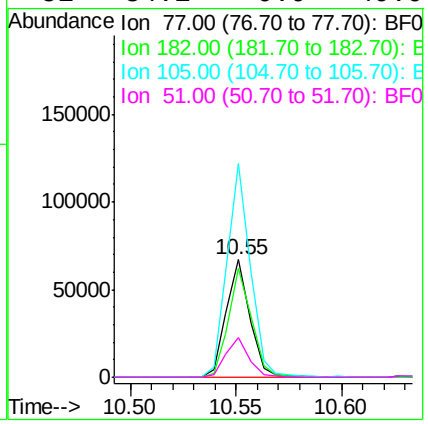


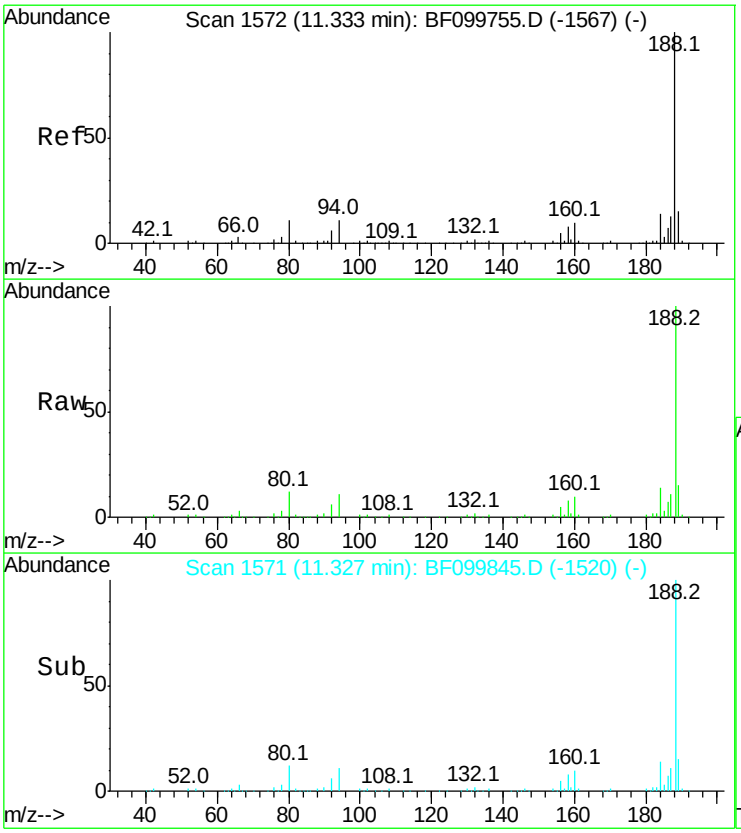
#62
Azobenzene
Concen: 6.250 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 51671

Ion	Ratio	Lower	Upper
77	100		
182	93.0	1.7	41.7#
105	181.7	3.0	43.0#
51	34.1	9.9	49.9

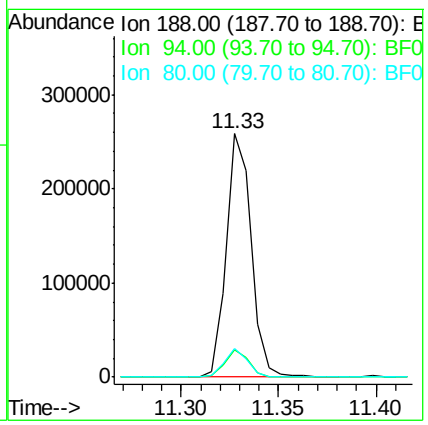


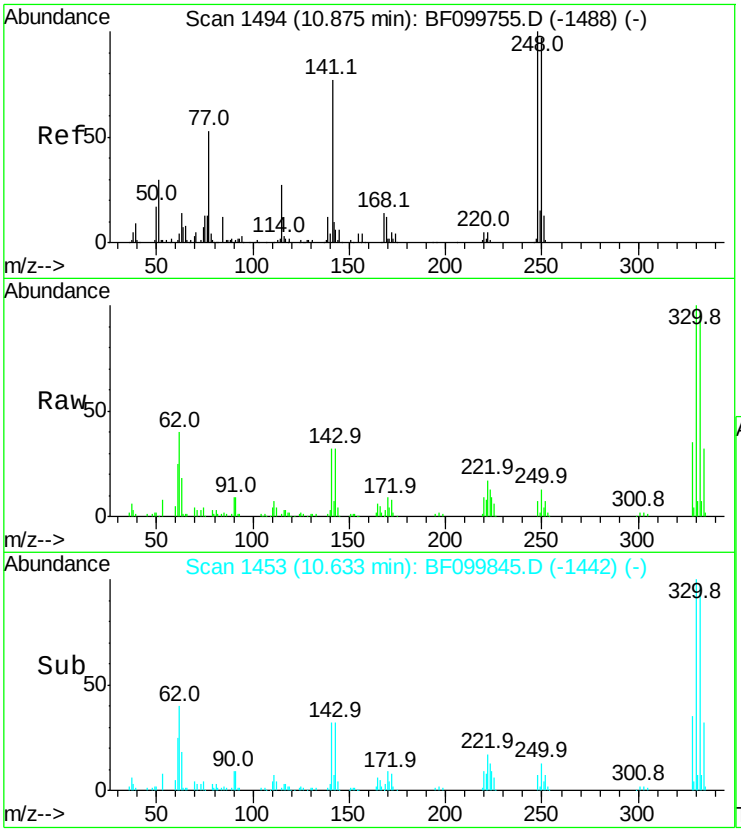


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:188 Resp: 228865

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.7	9.2	13.8



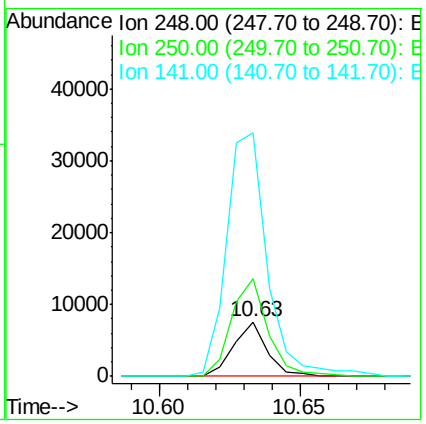


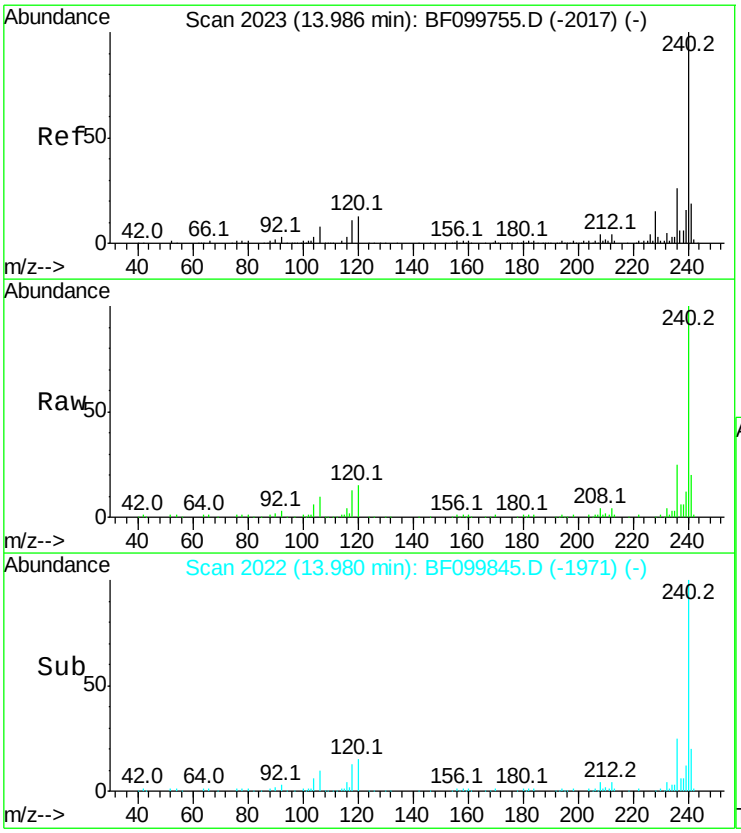
#66
4-Bromophenyl-phenylether
Concen: 2.622 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6317

Ion	Ratio	Lower	Upper
248	100		
250	180.5	76.9	115.3#
141	447.0	74.4	111.6#

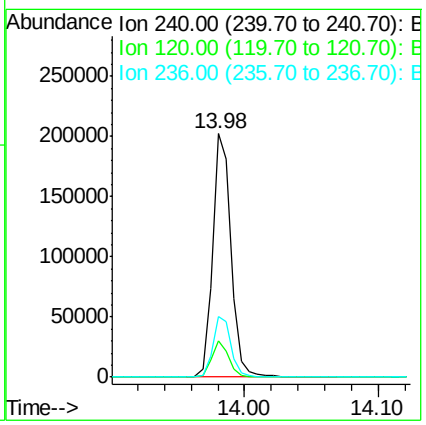


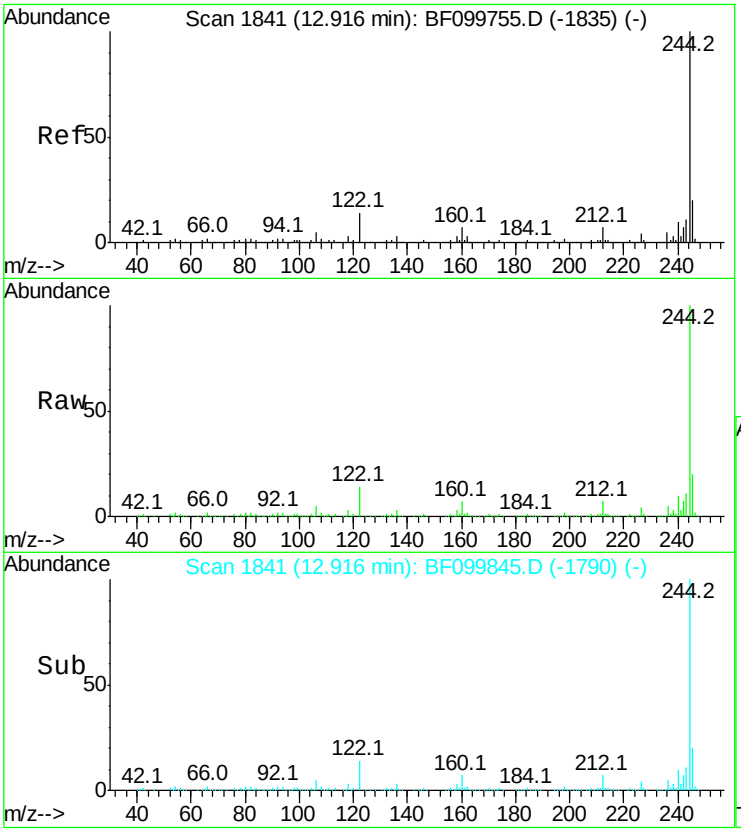


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:240 Resp: 195682

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	24.9	20.7	31.1



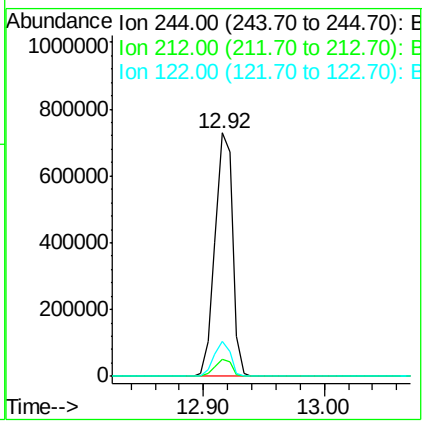


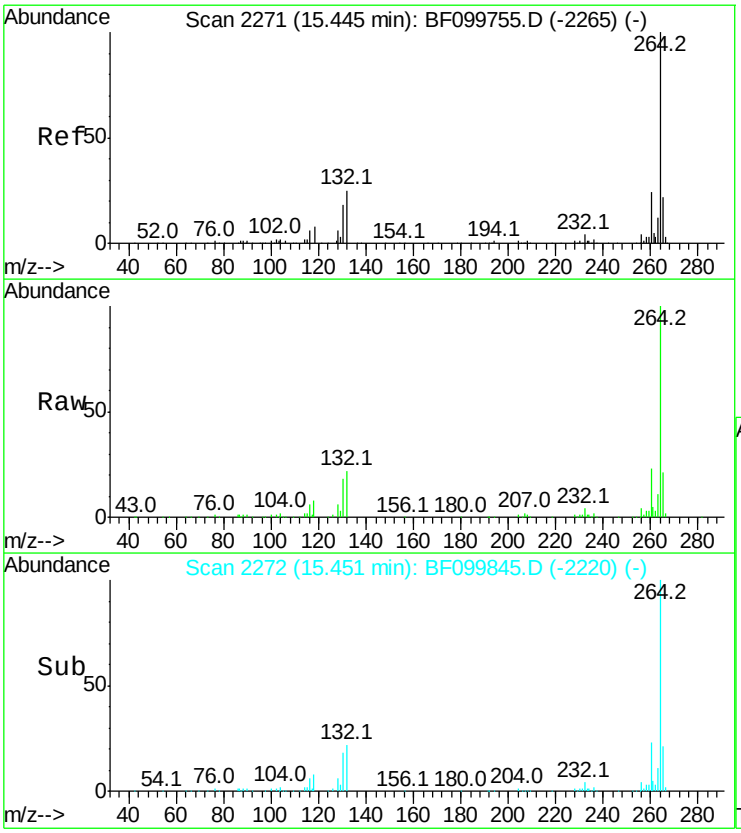
#78
Terphenyl-d14
Concen: 80.858 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 724015

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099845.D
Acq: 26 Oct 2017 7:03

Tgt Ion:264 Resp: 170391

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3