Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100088.D
Acq On : 2 Nov 2017 16:46
Operator : SJ/JU
Sample : I6236-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 17:19:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89221	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	358520	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	159202	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	271280	20.00	ng		0.00
75) Chrysene-d12	13.98	240	162018	20.00	ng		0.00
86) Perylene-d12	15.50	264	159500	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	245891	43.27	ng		0.00
7) Phenol-d6	6.43	99	178539	26.50	ng		0.00
23) Nitrobenzene-d5	7.34	82	427675	76.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	152512	105.12	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	869224	84.24	ng		0.00
78) Terphenyl-d14	12.89	244	550595	74.27	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	8257	2.051	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	52842	13.382	ng	#	70
25) Isophorone	7.34	82	427675	42.323	ng	#	64
32) Benzoic acid	7.90	122	35989	8.635	ng	#	16
49) Dimethylphthalate	9.53	163	60672	4.812	ng		98
50) 2,6-Dinitrotoluene	9.80	165	21070	7.950	ng	#	25
56) 2,4-Dinitrotoluene	9.80	165	21070	6.601	ng	#	23
66) 4-Bromophenyl-phenylether	10.60	248	9752	3.415	ng	#	1

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

Quantitation Report (Not Reviewed)

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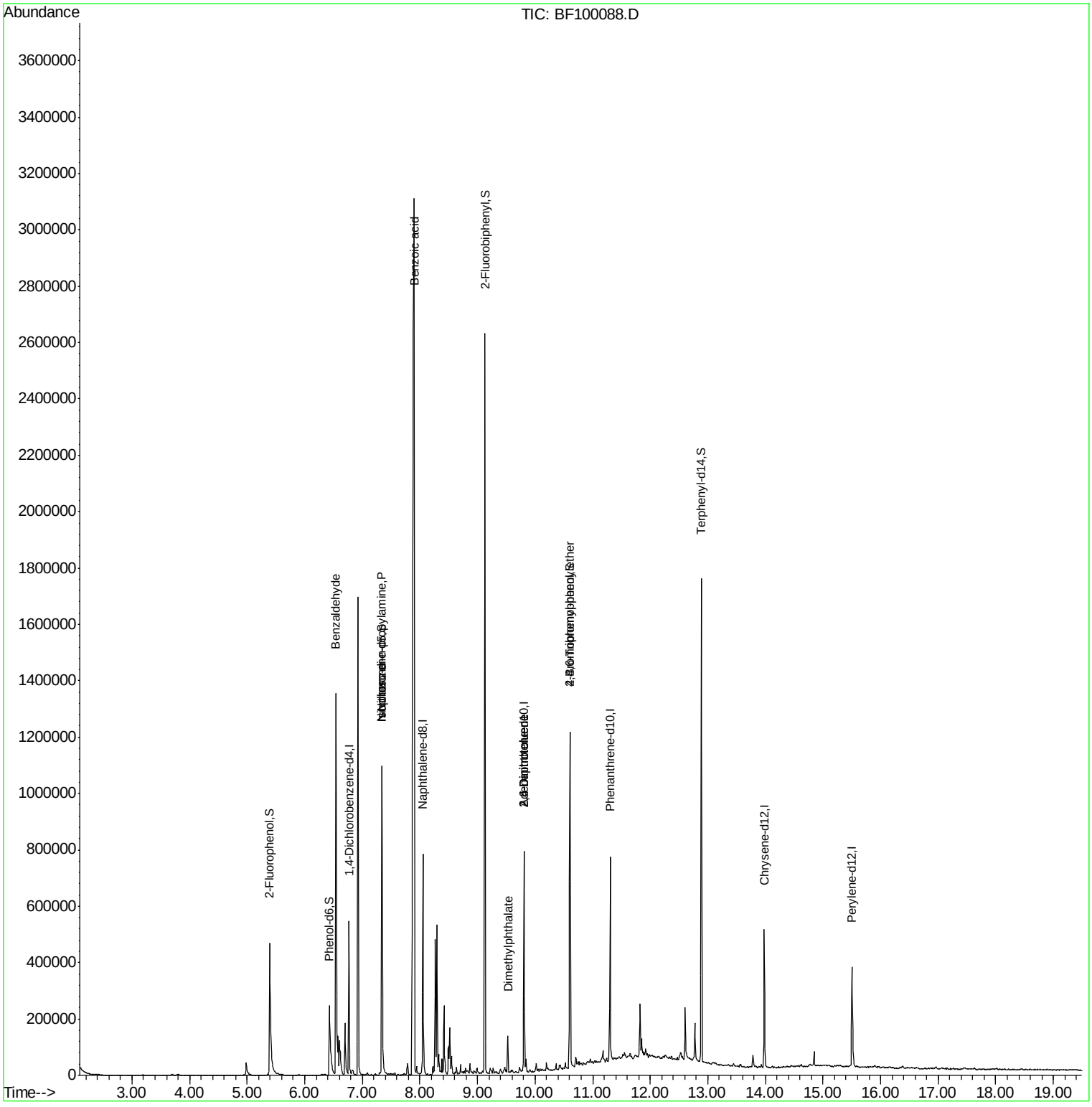
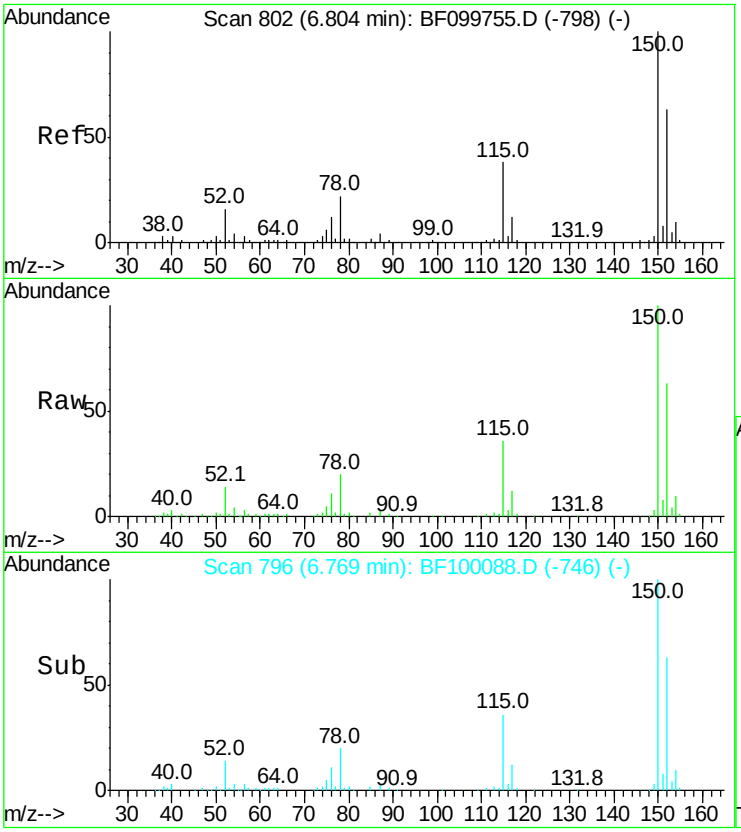


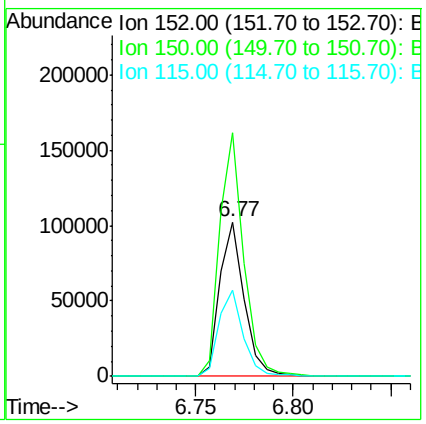


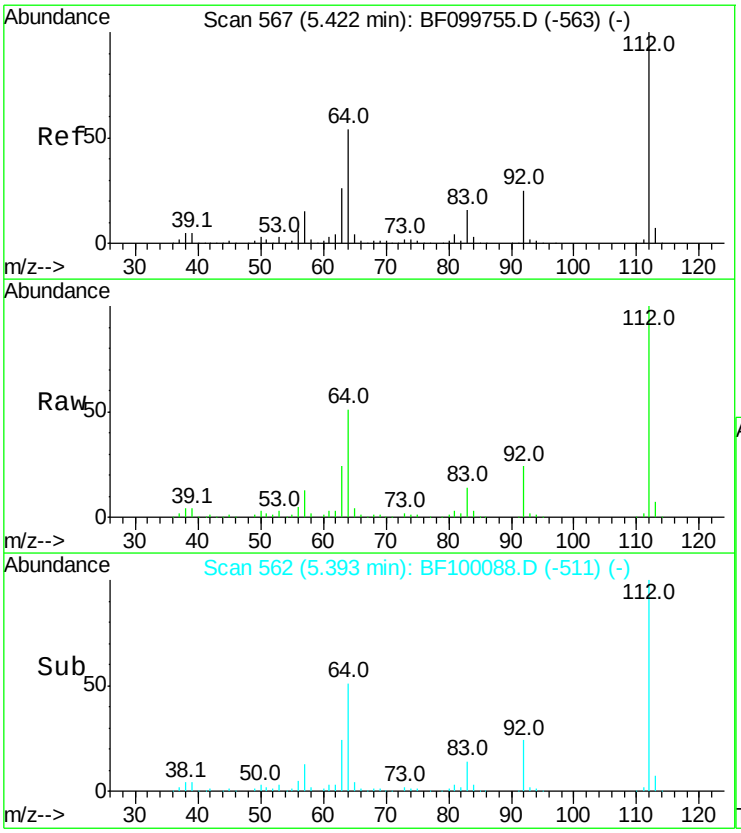
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89221

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	56.0	50.1	75.1

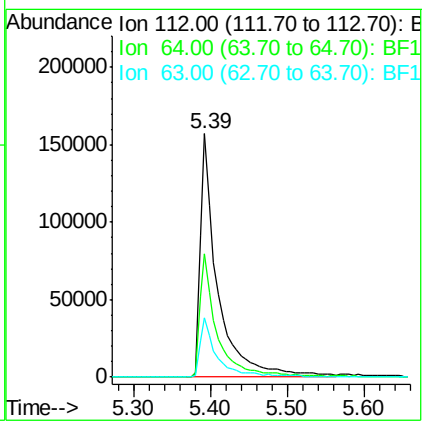


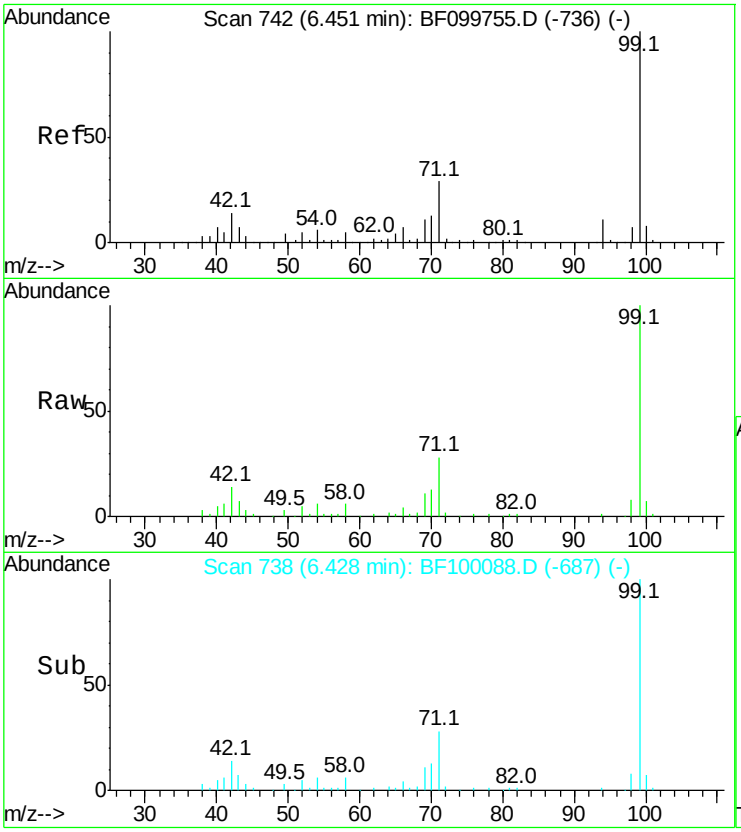


#5
2-Fluorophenol
Concen: 43.268 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:112 Resp: 245891

Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.3	23.7	35.5



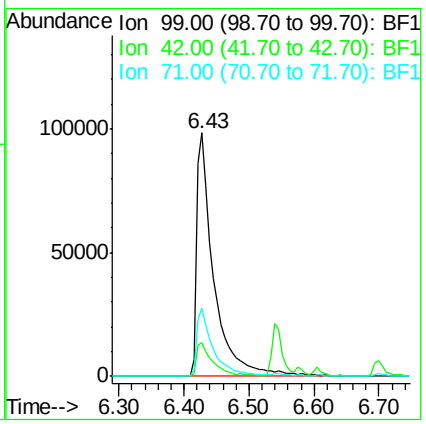


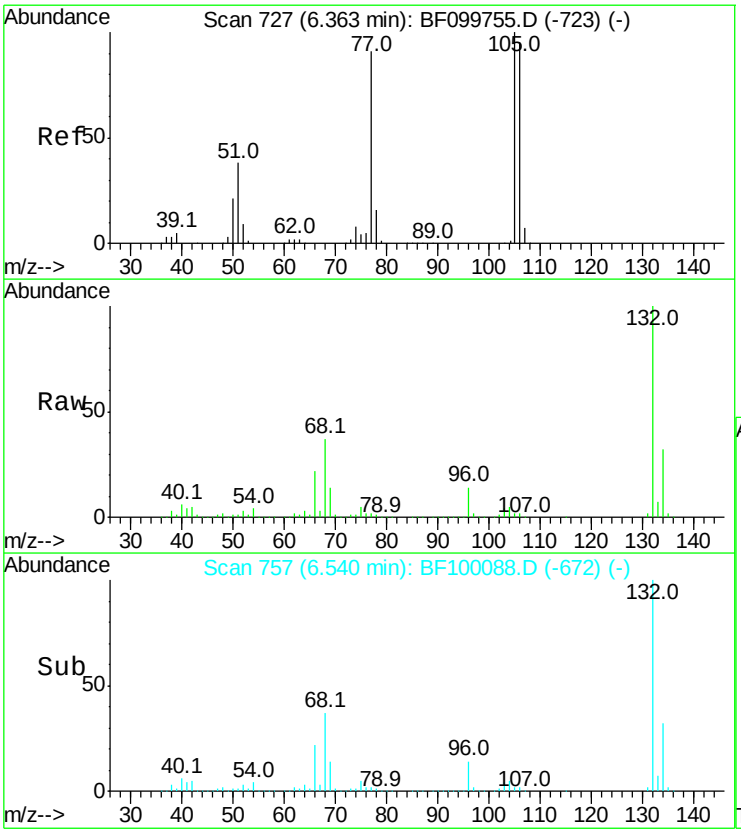
#7
Phenol-d6
Concen: 26.496 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 178539

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	28.2	25.4	38.0

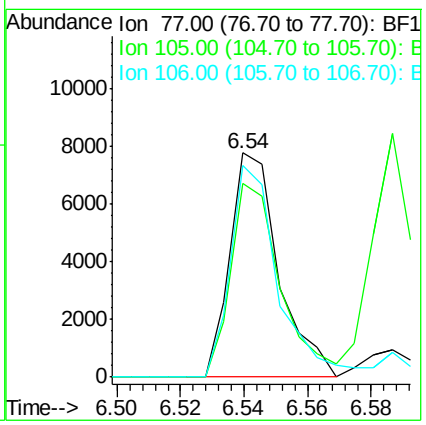


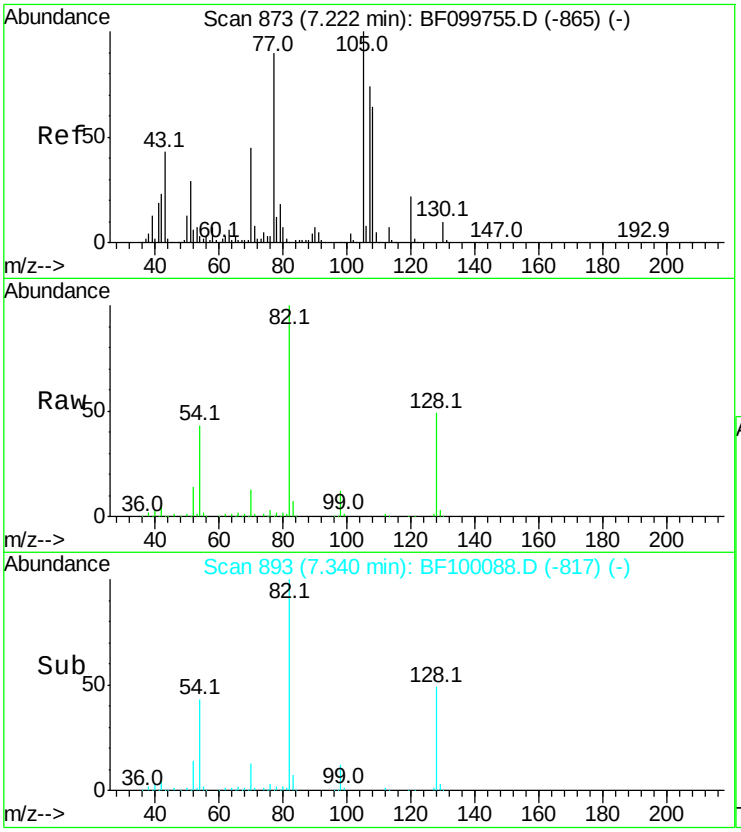


#9
Benzaldehyde
Concen: 2.051 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.20 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion: 77 Resp: 8257

Ion	Ratio	Lower	Upper
77	100		
105	86.2	81.1	121.1
106	94.3	74.5	114.5



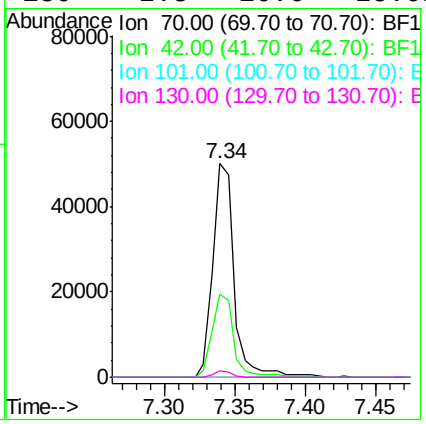


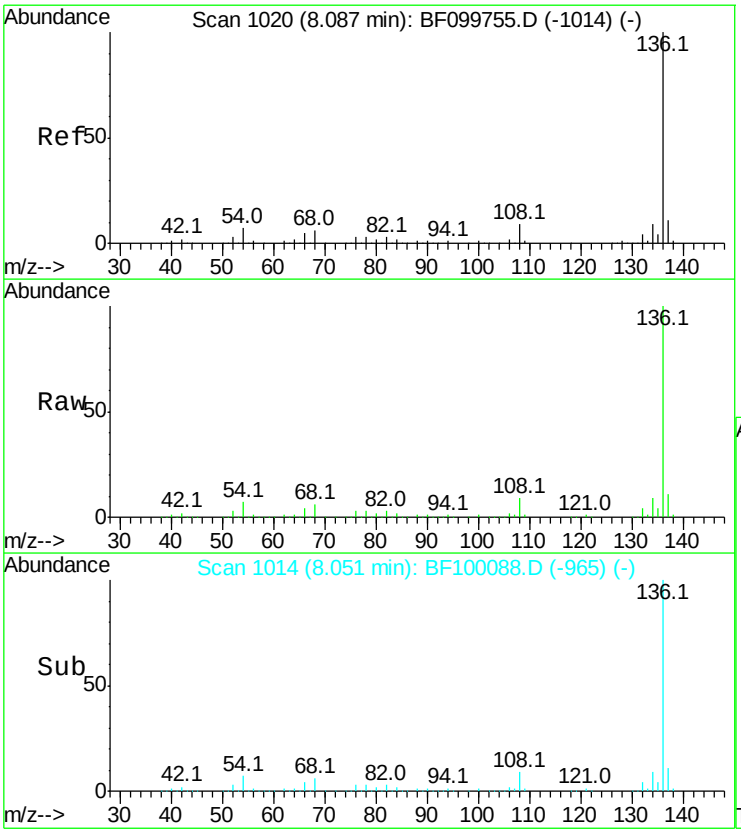
#19
n-Nitroso-di-n-propylamine
Concen: 13.382 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 52842

Ion	Ratio	Lower	Upper
70	100		
42	39.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

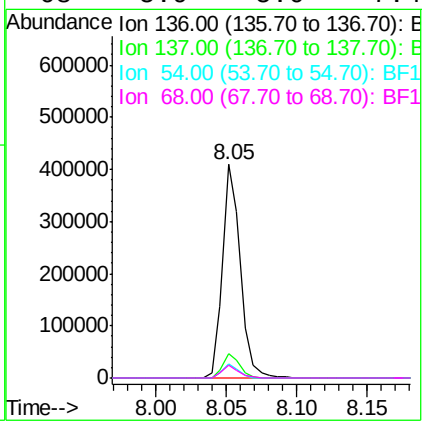


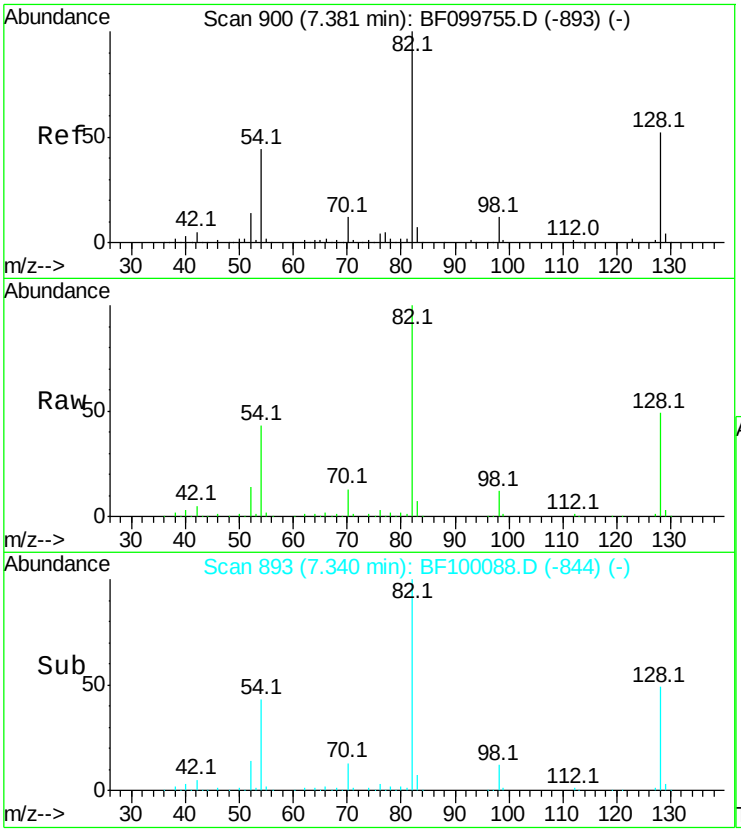


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:136 Resp: 358520

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4



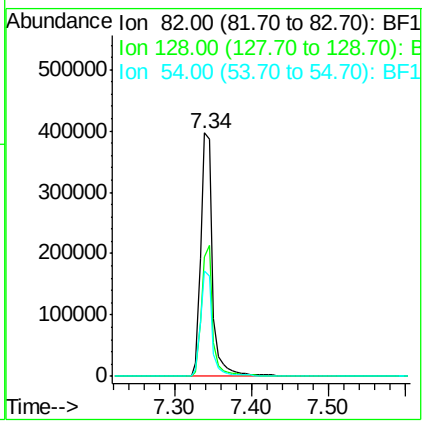


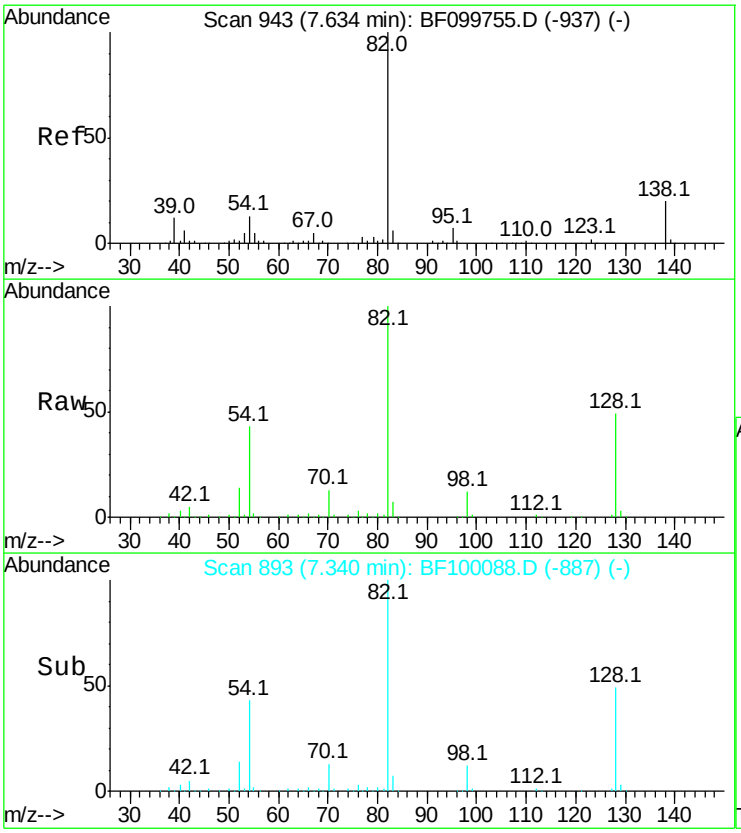
#23
Nitrobenzene-d5
Concen: 76.799 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 427675

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	43.4	41.4	62.2

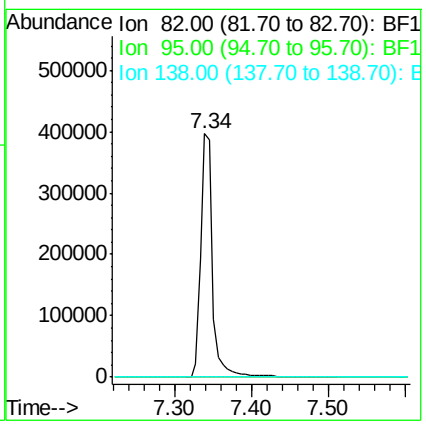


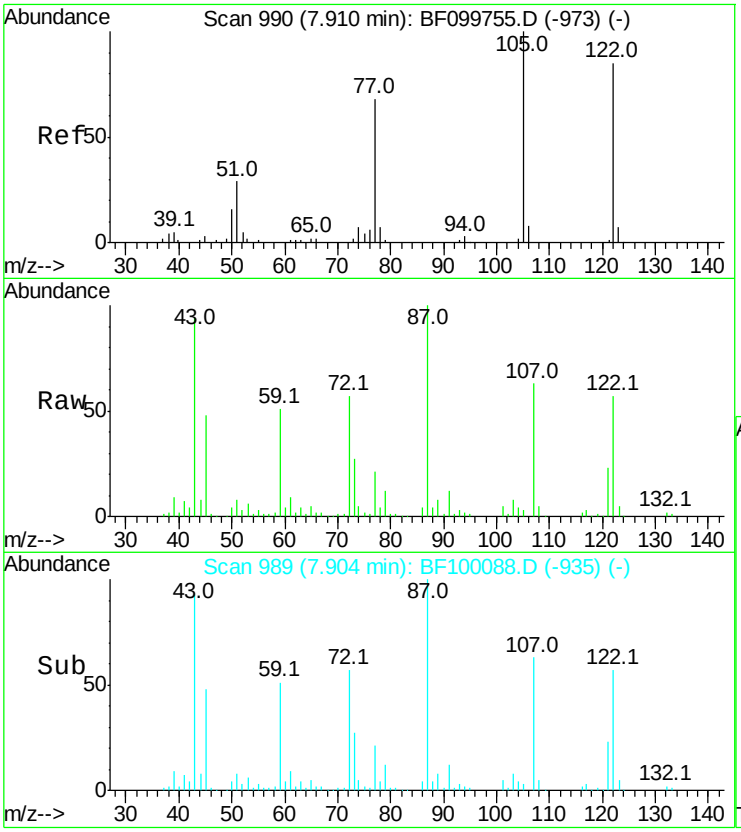


#25
Isophorone
Concen: 42.323 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion: 82 Resp: 427675

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

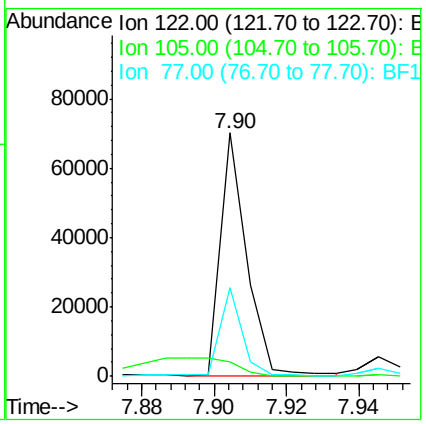




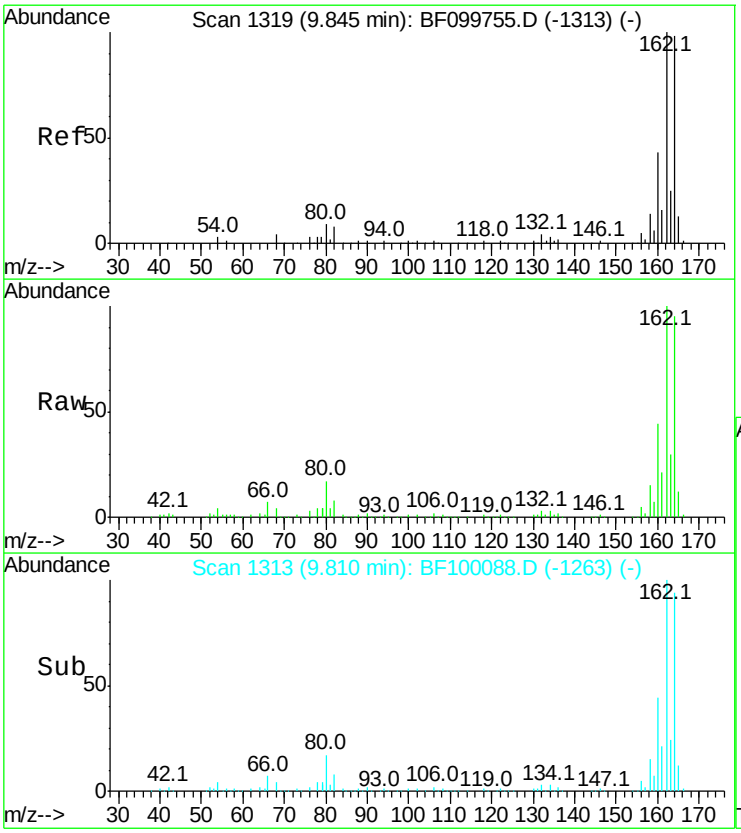
#32
Benzoic acid
Concen: 8.635 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:122 Resp: 35989

Ion	Ratio	Lower	Upper
122	100		
105	5.7	101.1	141.1#
77	36.4	70.7	110.7#



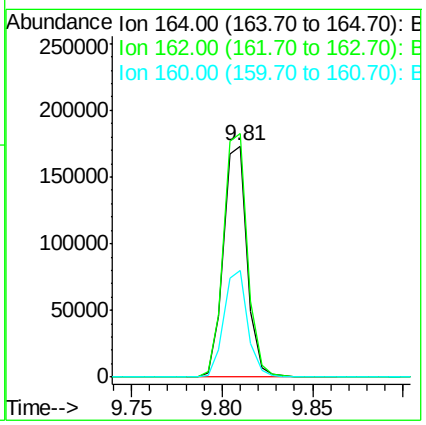
Instrument :
BNA_F
ClientSampleId :

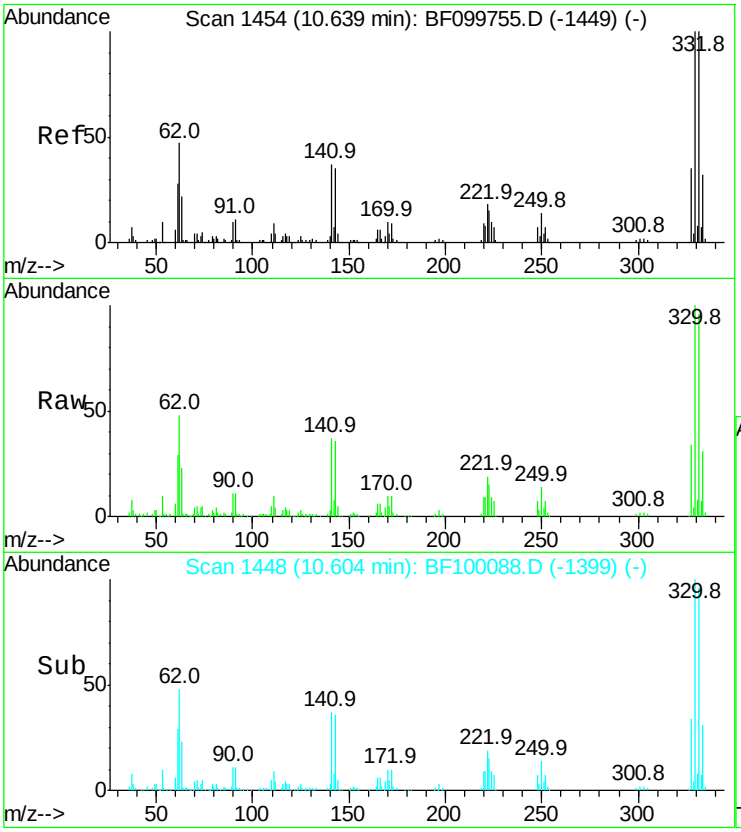


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:164 Resp: 159202

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.9	38.3	57.5



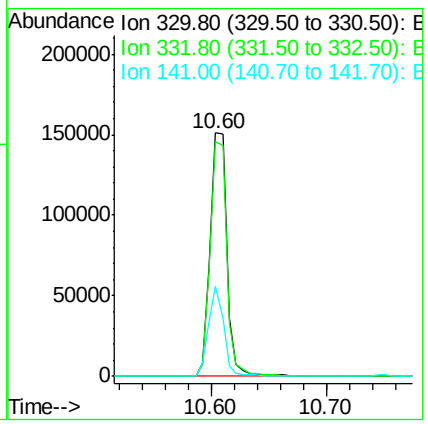


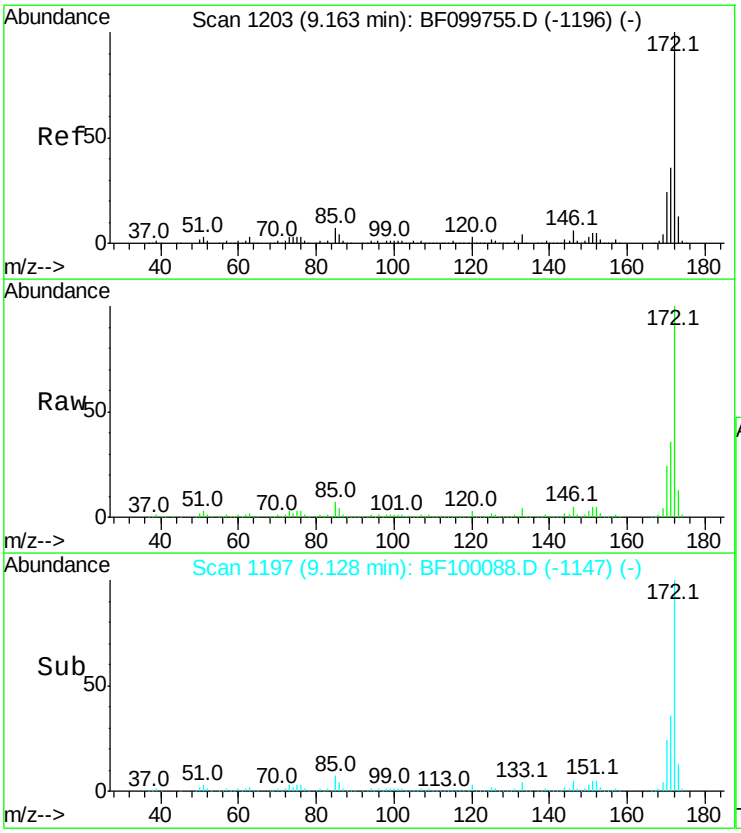
#41
2,4,6-Tribromophenol
Concen: 105.120 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 152512

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.1	29.9	44.9

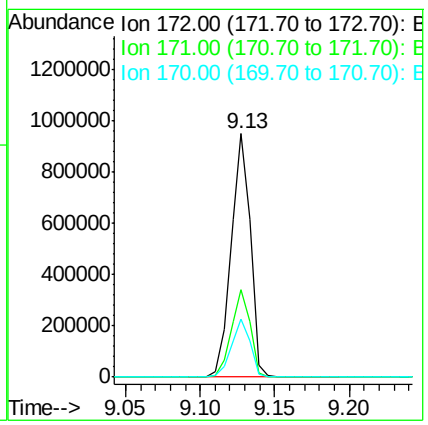


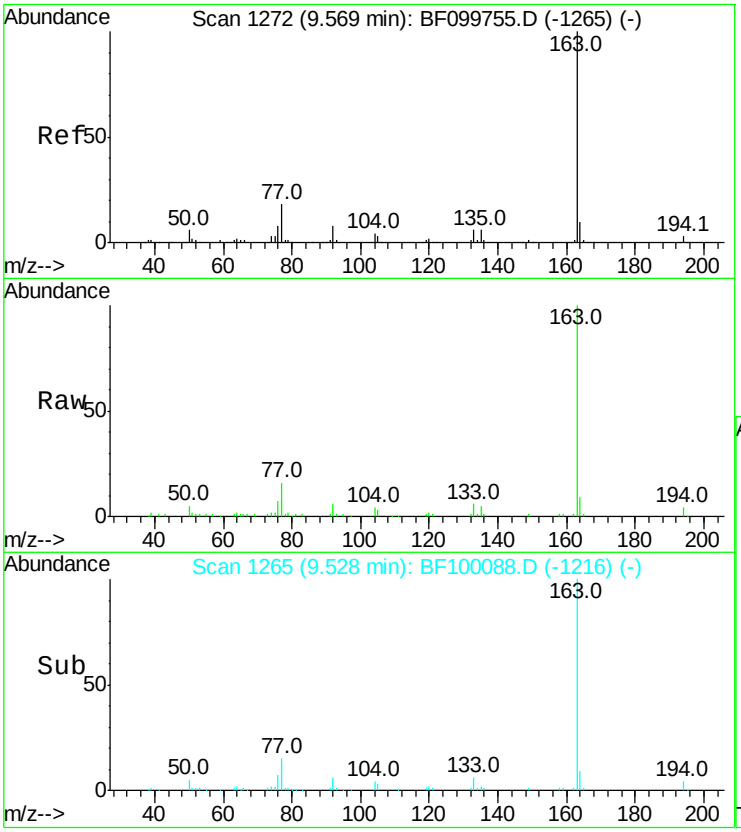


#44
2-Fluorobiphenyl
Concen: 84.237 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:172 Resp: 869224

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



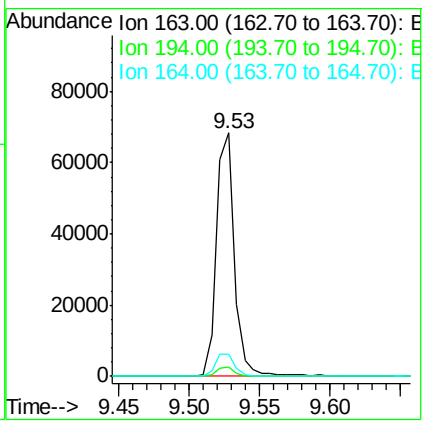


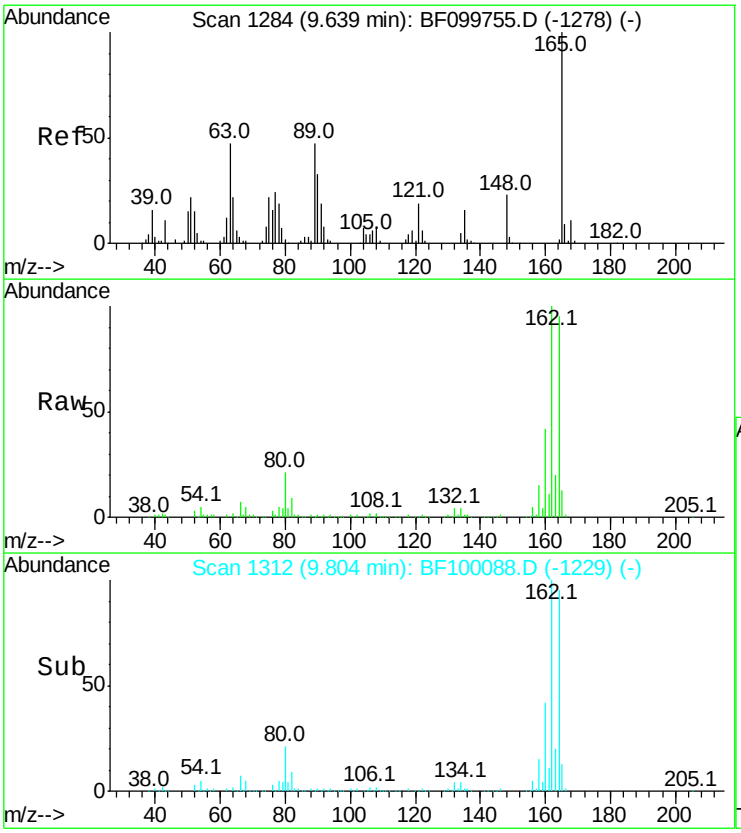
#49
Dimethylphthalate
Concen: 4.812 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 60672

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.1	8.2	12.2

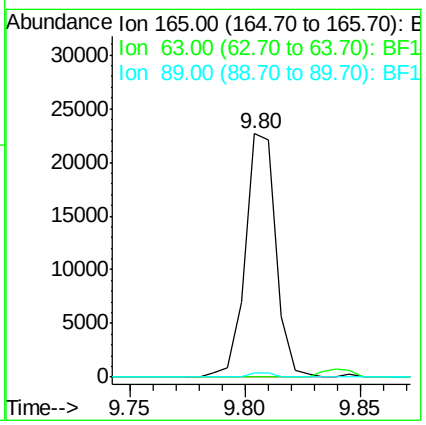


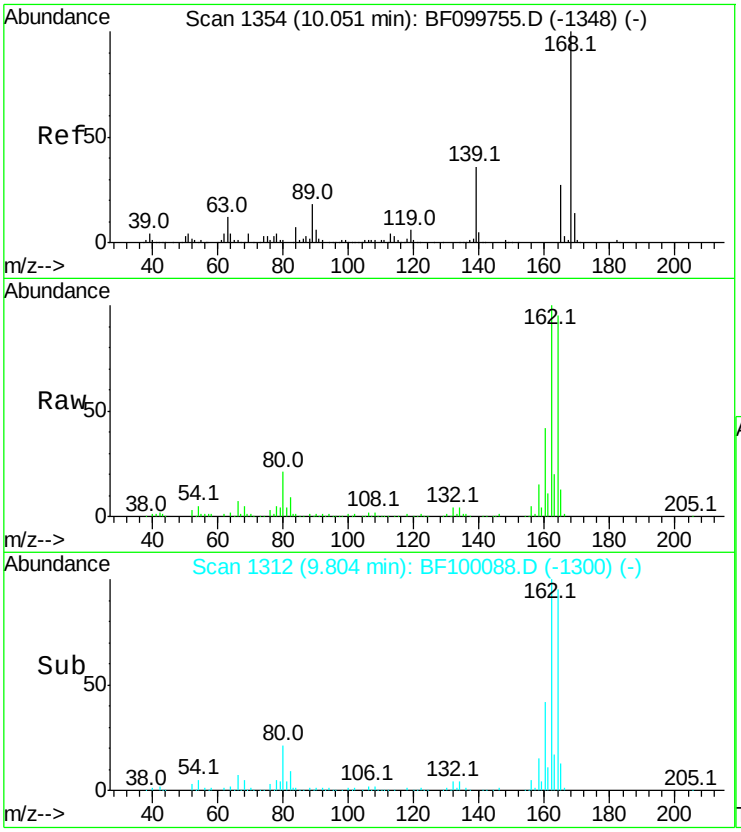


#50
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:165 Resp: 21070

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



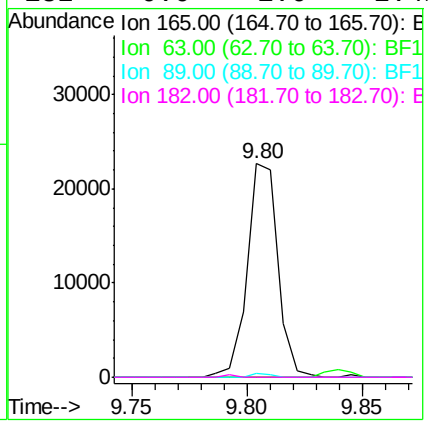


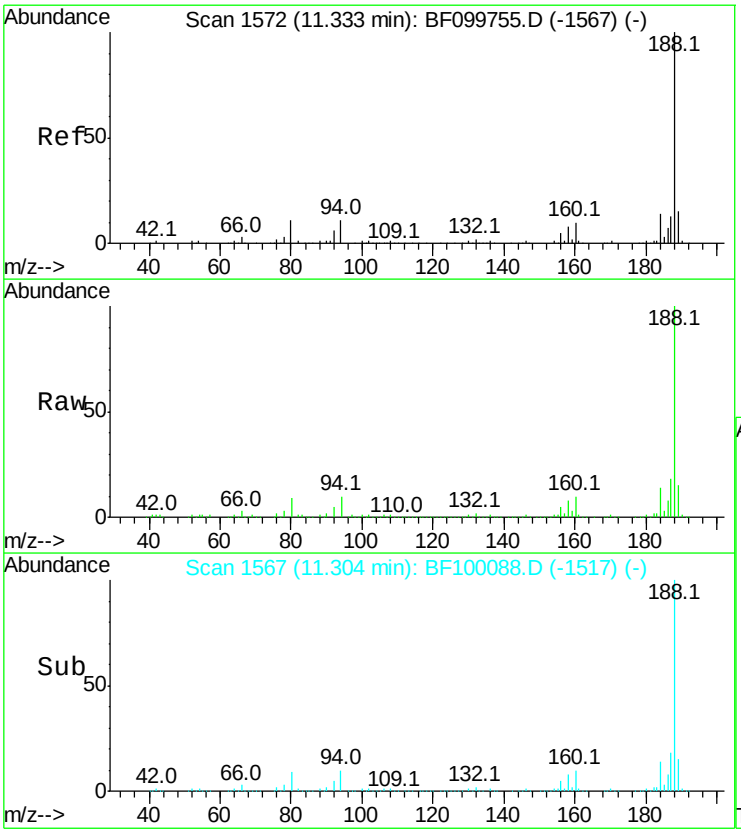
#56
2,4-Dinitrotoluene
Concen: 6.601 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21070

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

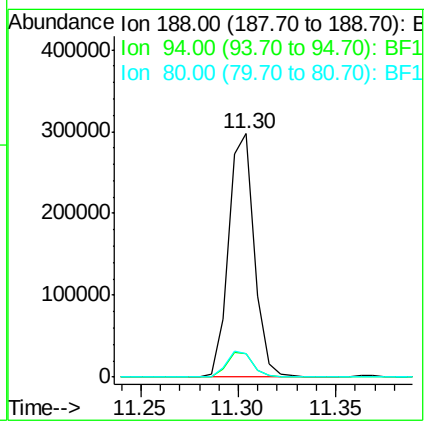


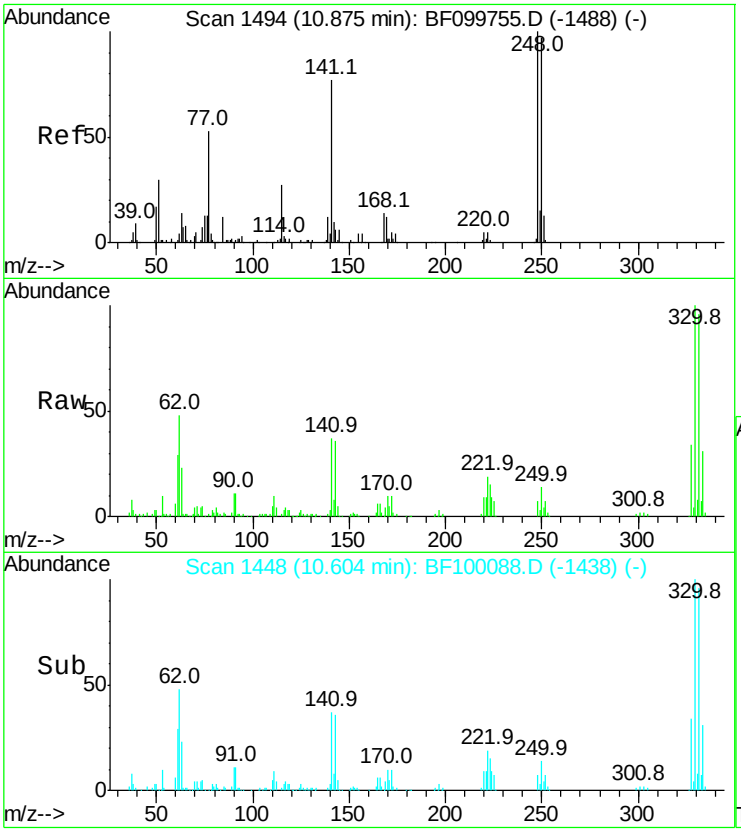


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:188 Resp: 271280

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.5	9.2	13.8



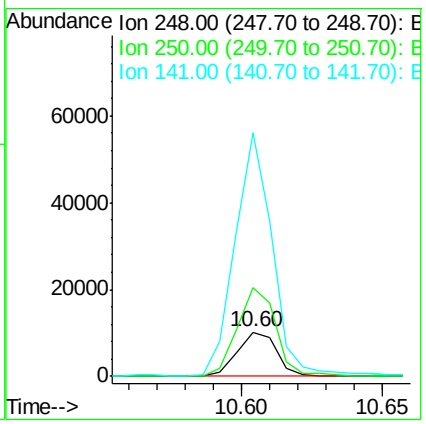


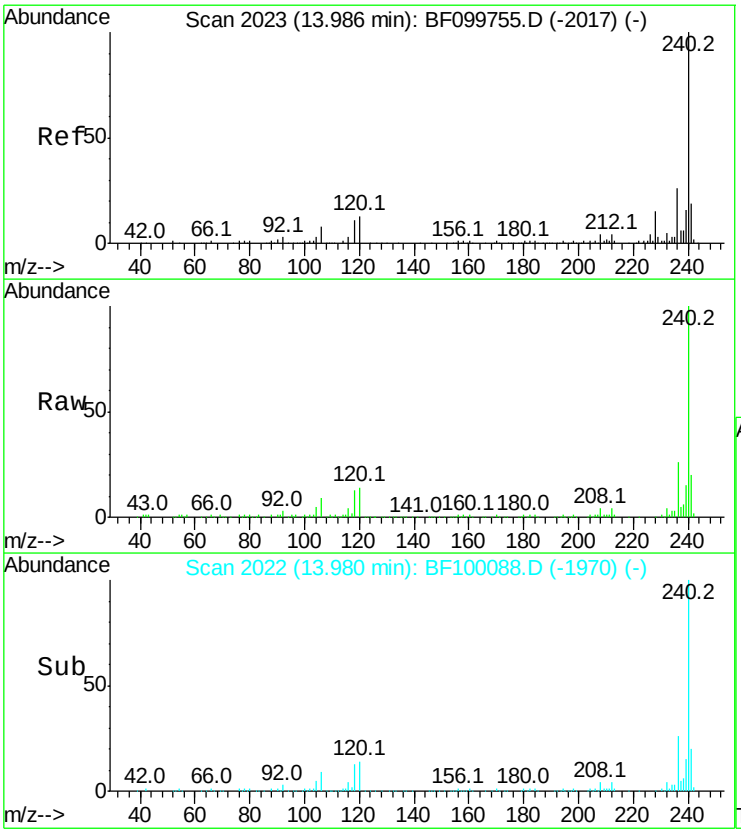
#66
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9752

Ion	Ratio	Lower	Upper
248	100		
250	200.1	76.9	115.3#
141	547.2	74.4	111.6#

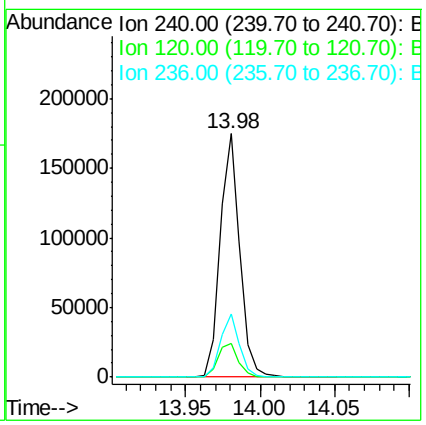


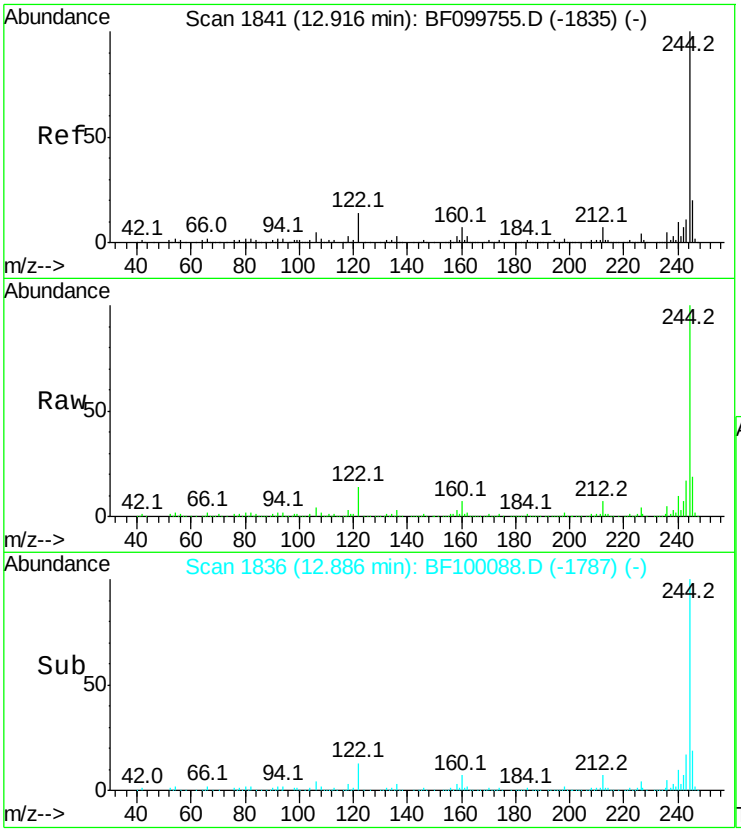


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:240 Resp: 162018

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.9	20.7	31.1



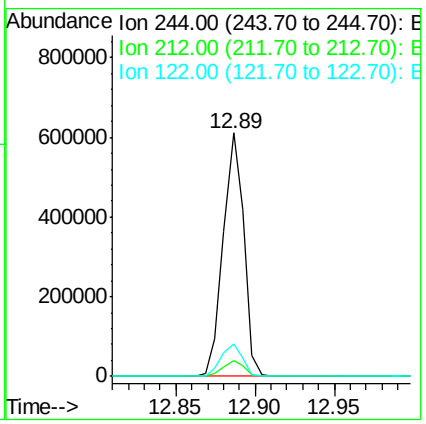


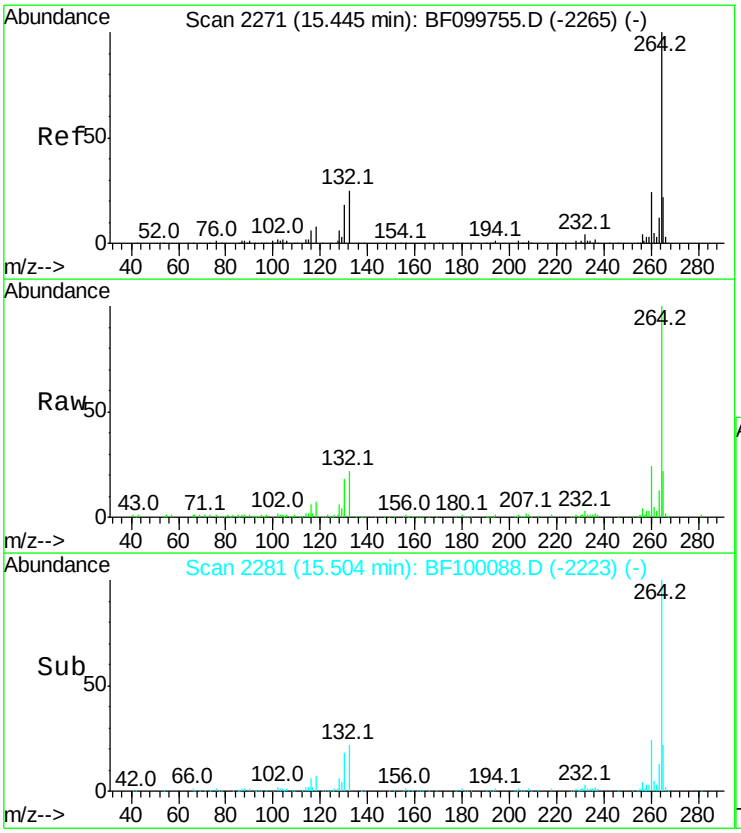
#78
Terphenyl-d14
Concen: 74.267 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 550595

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.04 min
Lab File: BF100088.D
Acq: 2 Nov 2017 16:46

Tgt Ion:264 Resp: 159500

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3