Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099625.D
Acq On : 18 Oct 2017 18:55
Operator : SJ/JU
Sample : I5836-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 22:14:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	108530	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	446242	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	205007	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	332681	20.00	ng		0.00
75) Chrysene-d12	13.99	240	189270	20.00	ng		0.00
86) Perylene-d12	15.45	264	188183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	623537	91.46	ng		0.00
7) Phenol-d6	6.47	99	756283	89.92	ng		0.00
23) Nitrobenzene-d5	7.39	82	449305	64.57	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	157879	94.11	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	844456	68.77	ng		0.00
78) Terphenyl-d14	12.93	244	575510	69.15	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	12371	2.536	ng		84
10) Phenol	6.48	94	46469	4.940	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	56579	10.537	ng	#	72
25) Isophorone	7.39	82	449301	31.231	ng	#	64
49) Dimethylphthalate	9.57	163	220083	14.224	ng		98
56) 2,4-Dinitrotoluene	9.86	165	25621	5.861	ng	#	23
62) Azobenzene	10.57	77	29090	2.093	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	10394	3.192	ng	#	1

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

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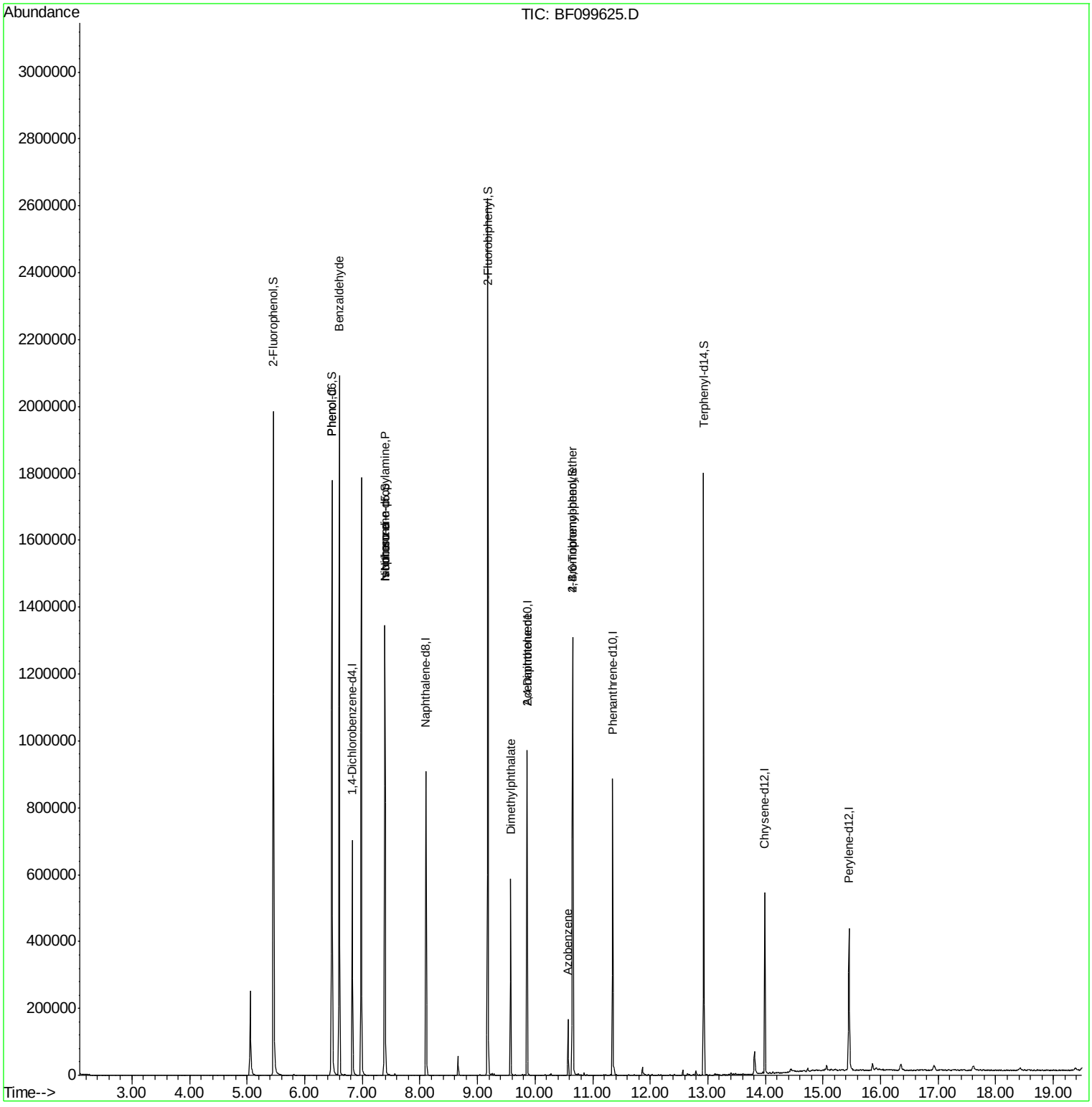
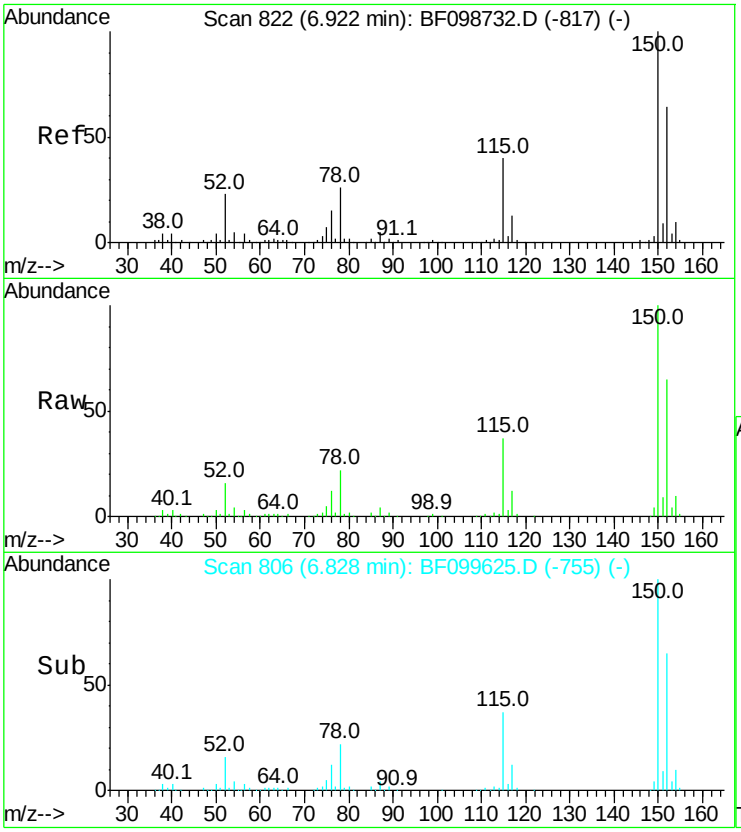


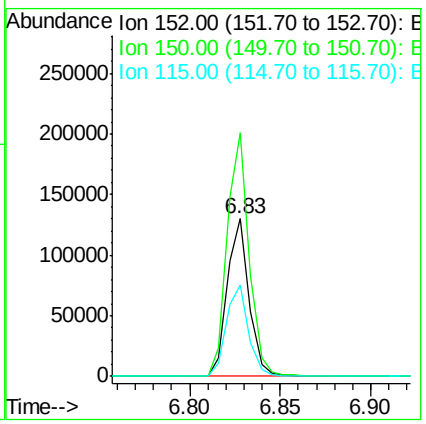


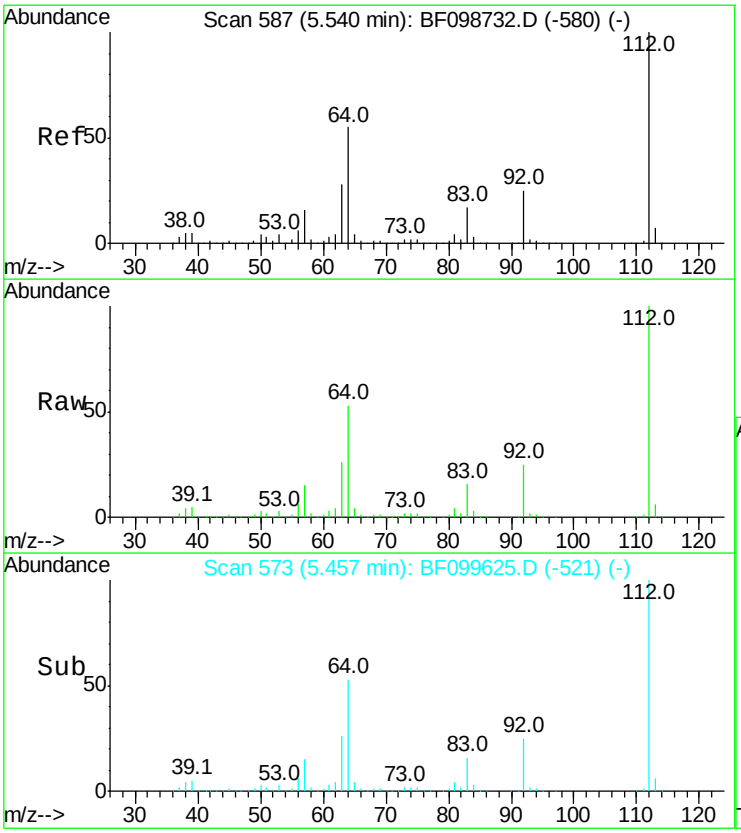
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108530

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	57.6	50.1	75.1

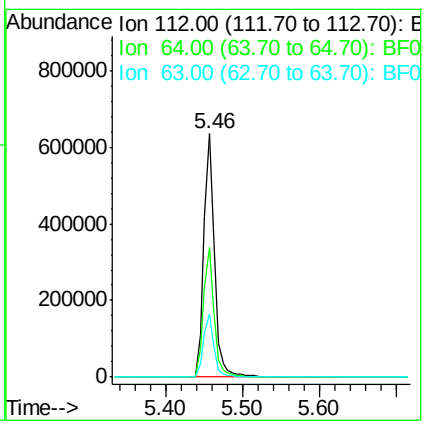


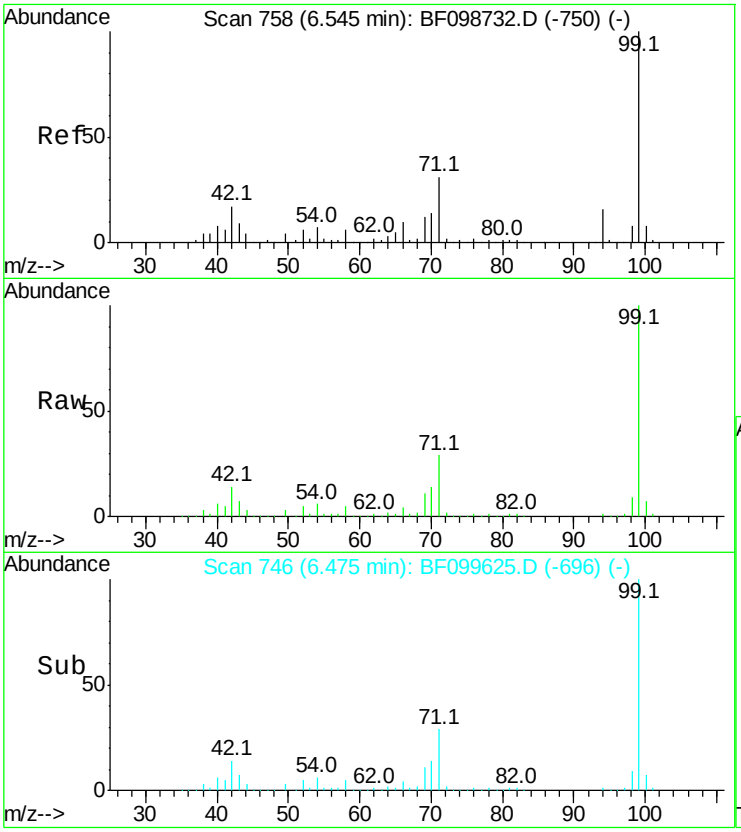


#5
2-Fluorophenol
Concen: 91.459 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:112 Resp: 623537

Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	26.0	23.7	35.5



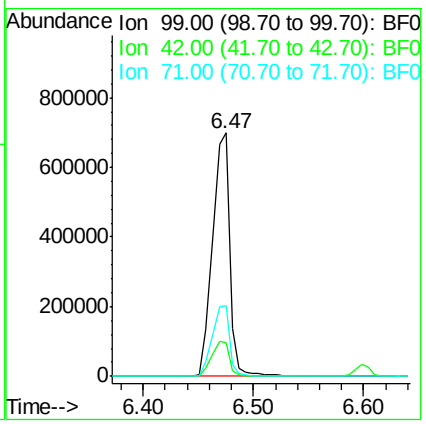


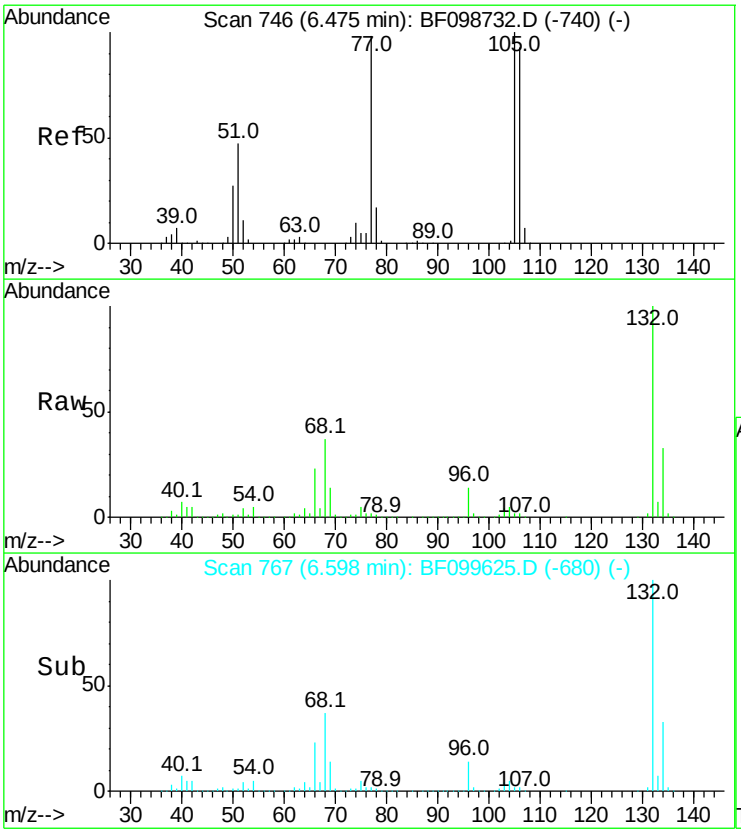
#7
Phenol-d6
Concen: 89.923 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 756283

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	28.9	25.4	38.0

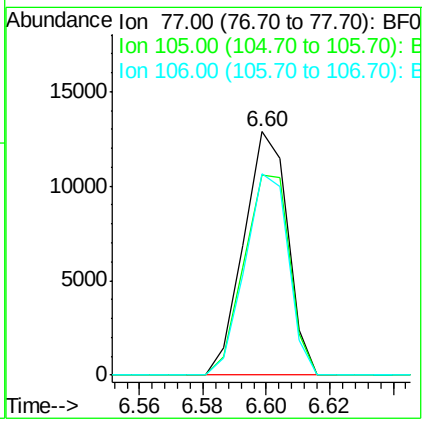


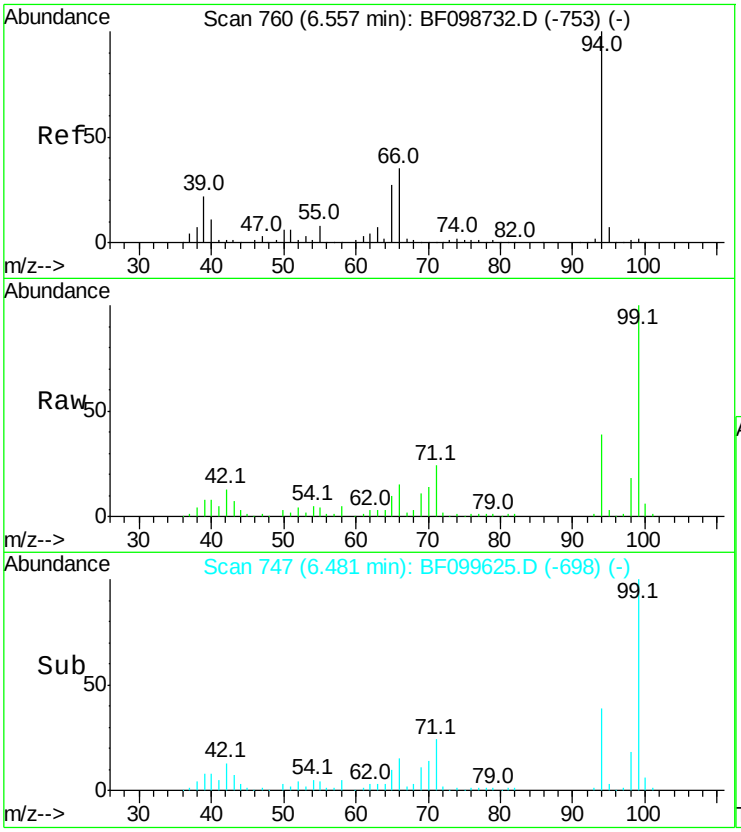


#9
Benzaldehyde
Concen: 2.536 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion: 77 Resp: 12371

Ion	Ratio	Lower	Upper
77	100		
105	82.4	81.1	121.1
106	82.6	74.5	114.5



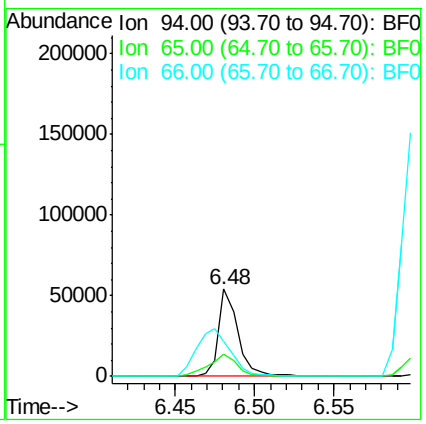


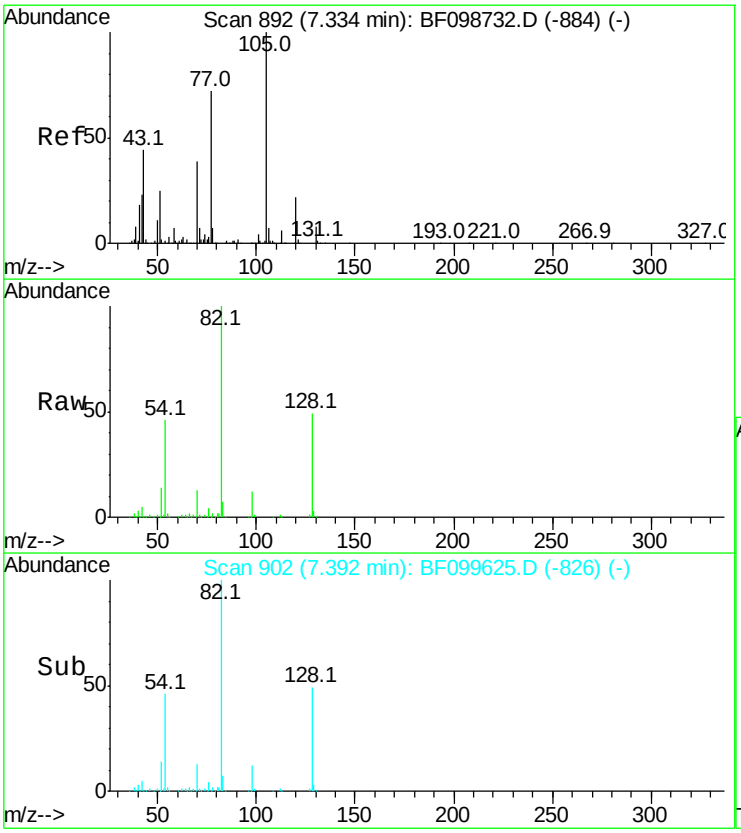
#10
Phenol
Concen: 4.940 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 46469

Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.9	47.9
66	39.7	16.2	56.2

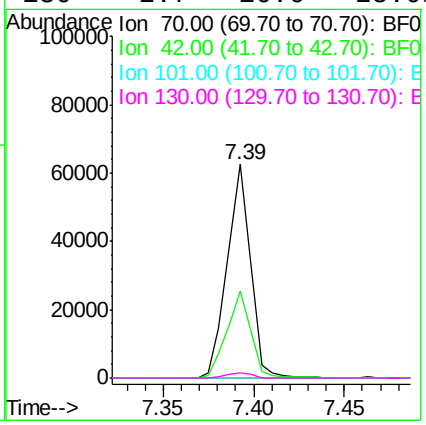


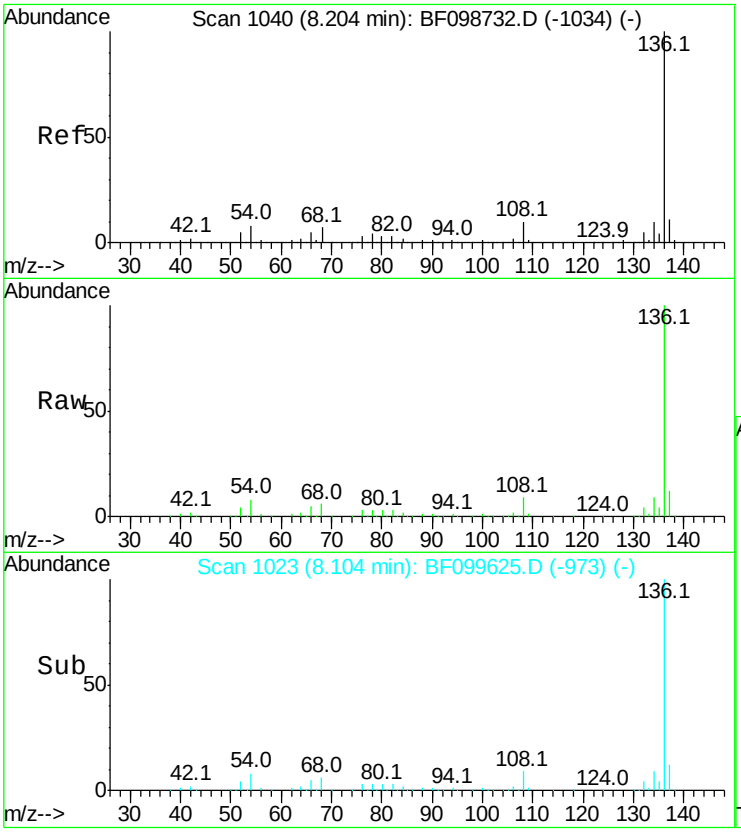


#19
n-Nitroso-di-n-propylamine
Concen: 10.537 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion: 70 Resp: 56579

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



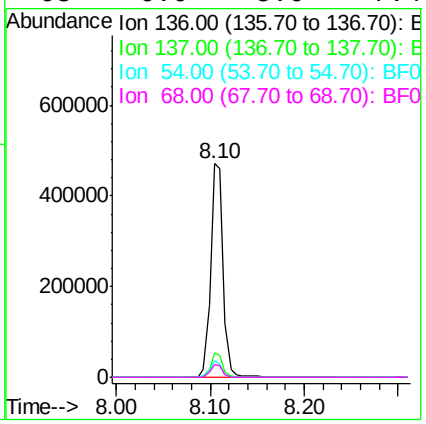


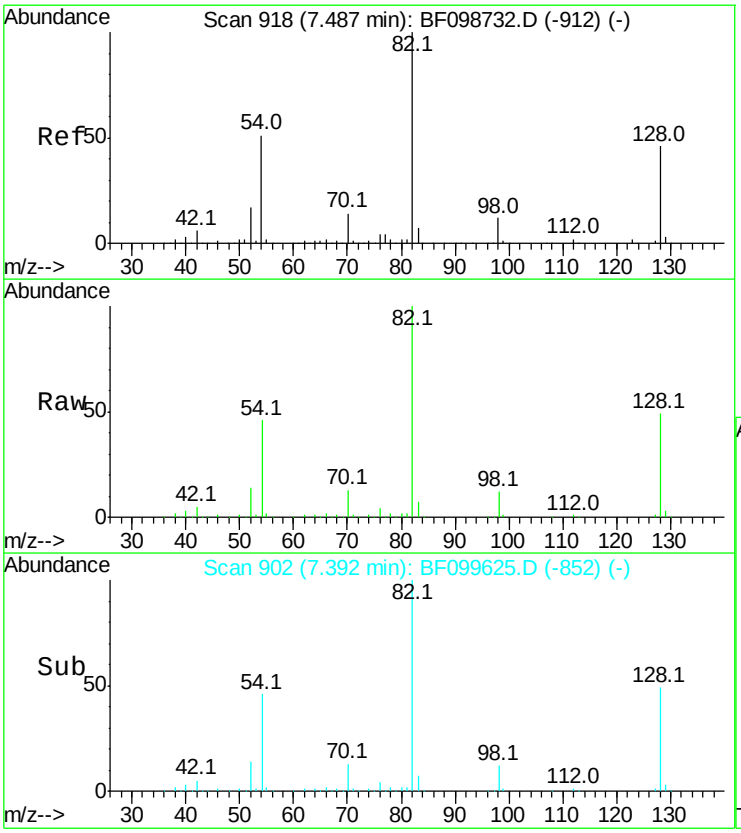
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446242

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

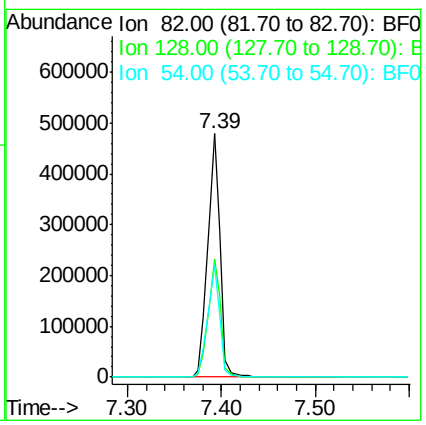


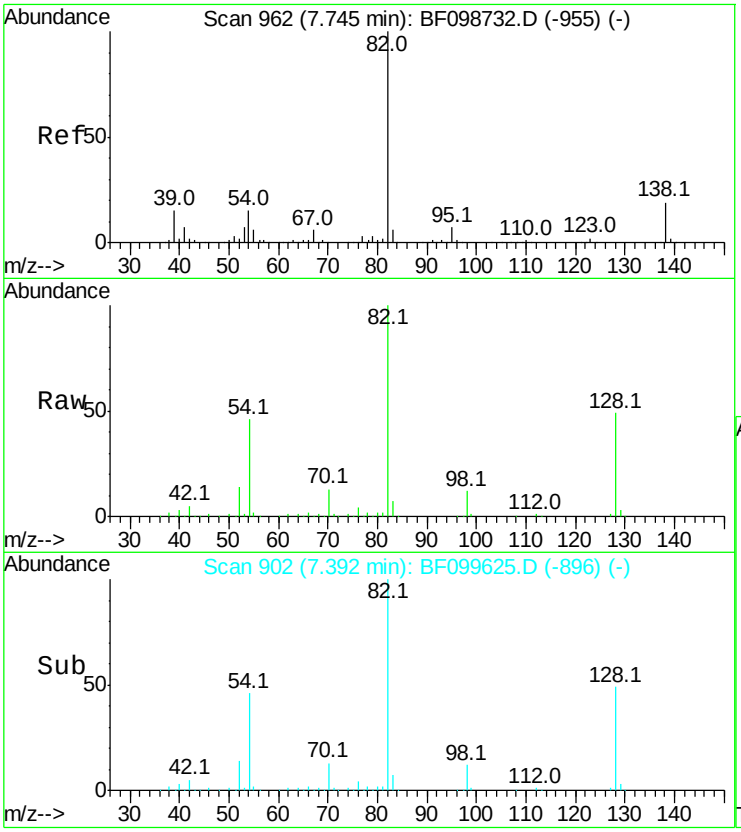


#23
Nitrobenzene-d5
Concen: 64.570 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion: 82 Resp: 449305

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	45.8	41.4	62.2



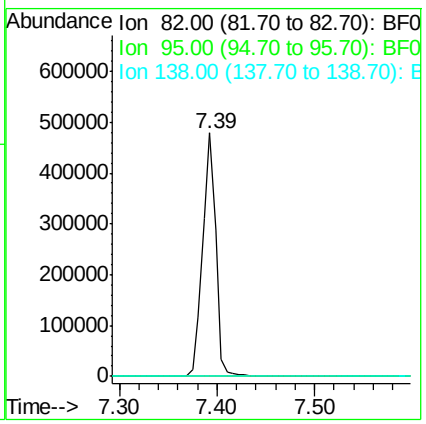


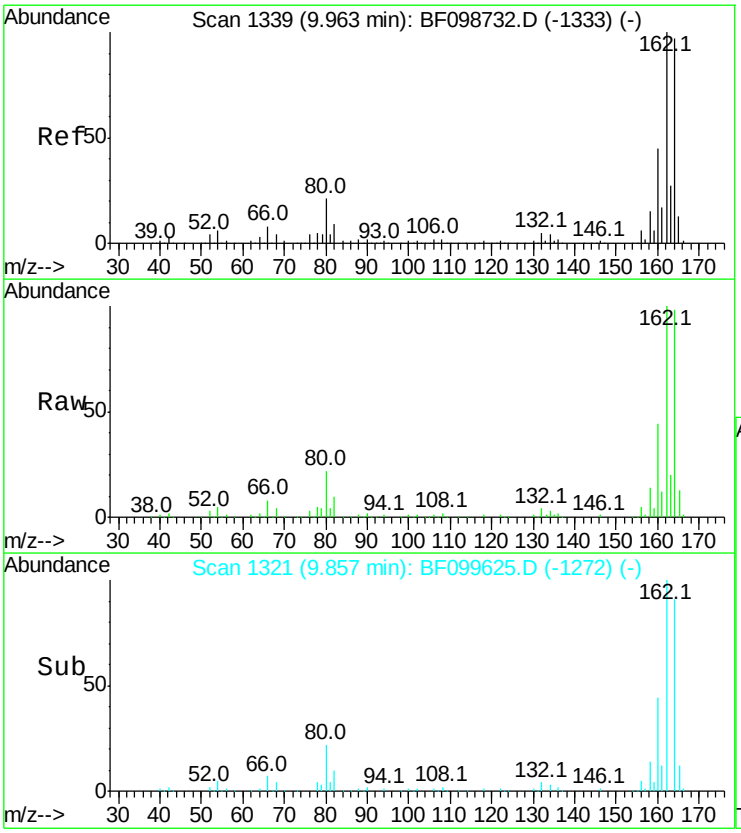
#25
Isophorone
Concen: 31.231 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 449301

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

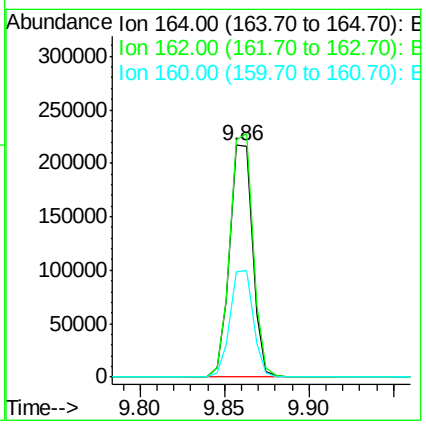


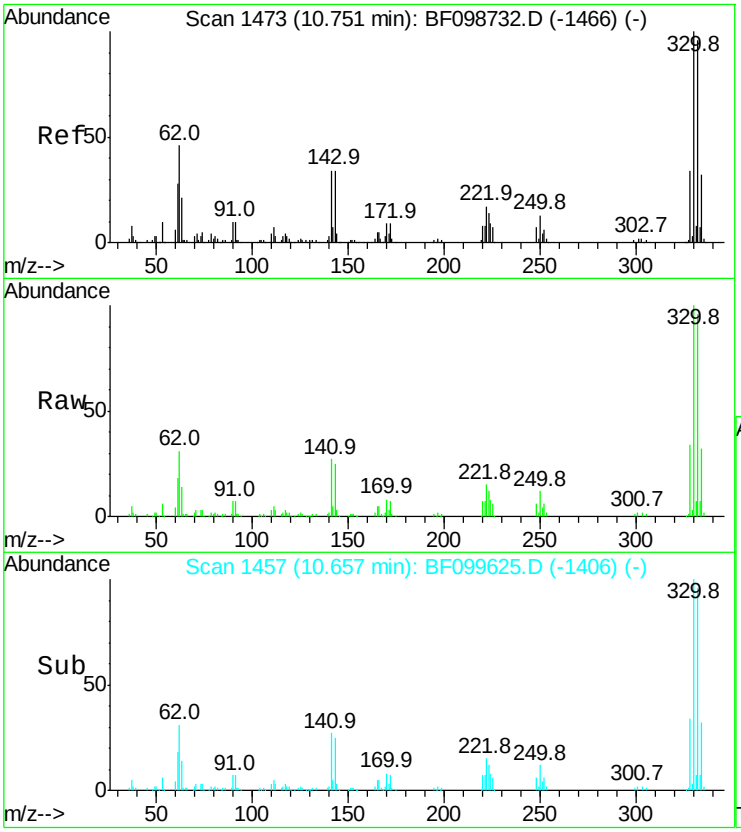


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:164 Resp: 205007

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.5	38.3	57.5



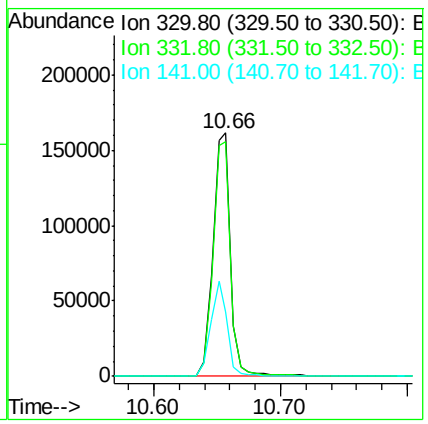


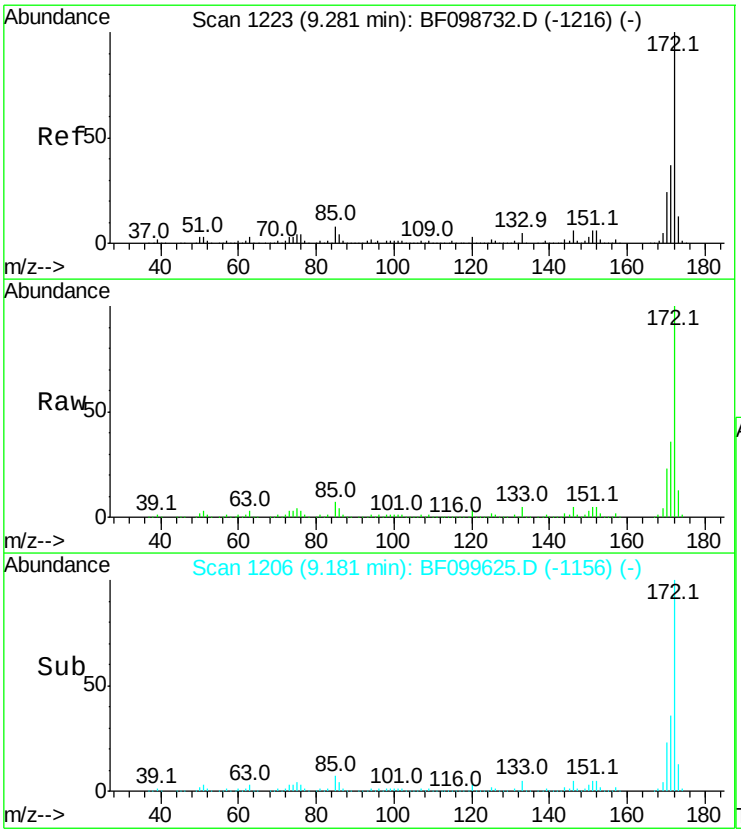
#41
2,4,6-Tribromophenol
Concen: 94.115 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 157879

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.6	29.9	44.9

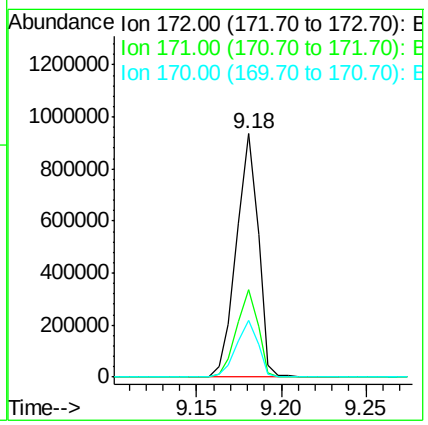


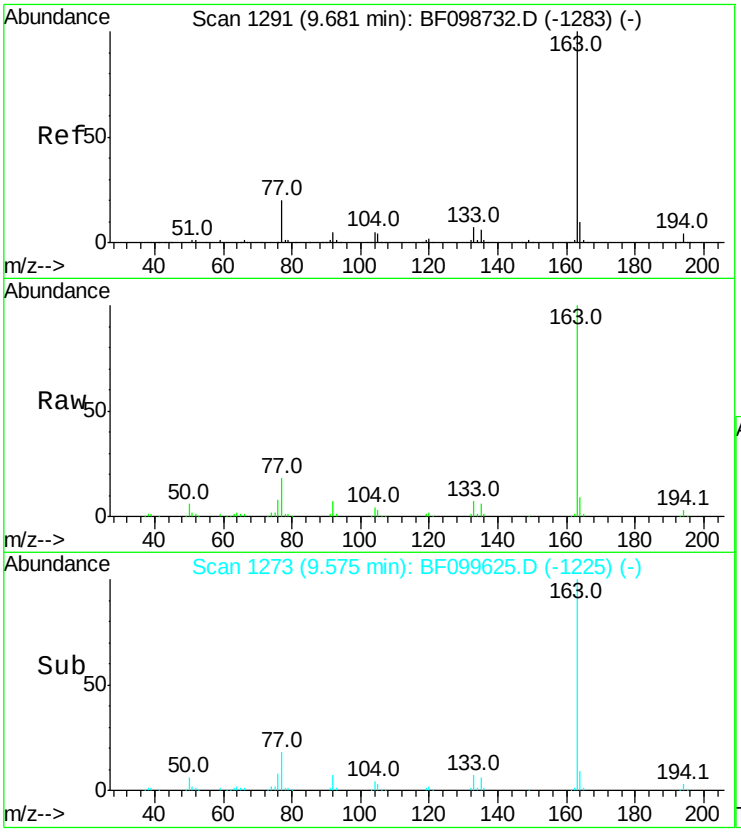


#44
2-Fluorobiphenyl
Concen: 68.766 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:172 Resp: 844456

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	19.6	29.4



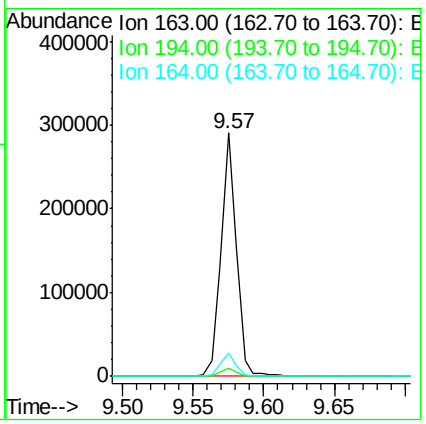


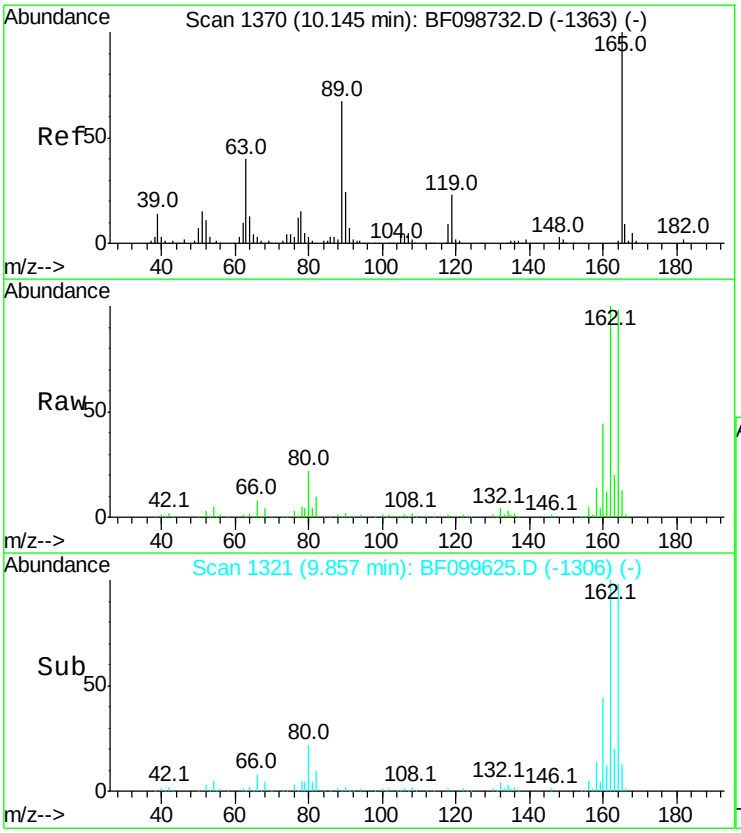
#49
Dimethylphthalate
Concen: 14.224 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 220083

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

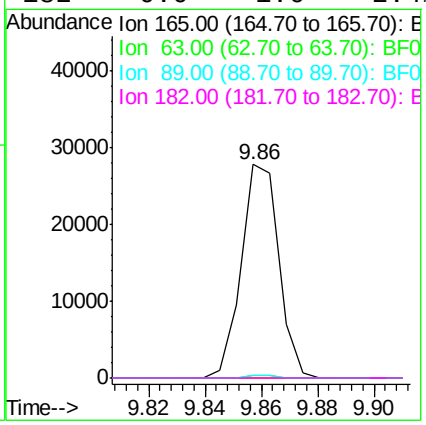


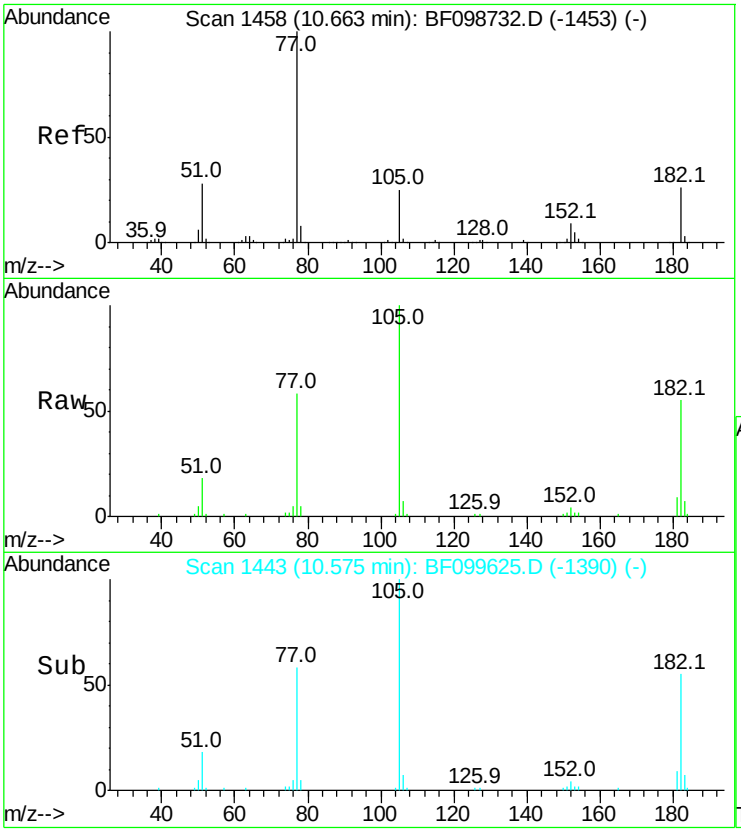


#56
2,4-Dinitrotoluene
Concen: 5.861 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:165 Resp: 25621

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



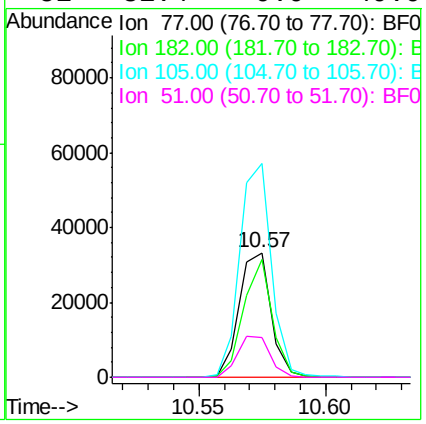


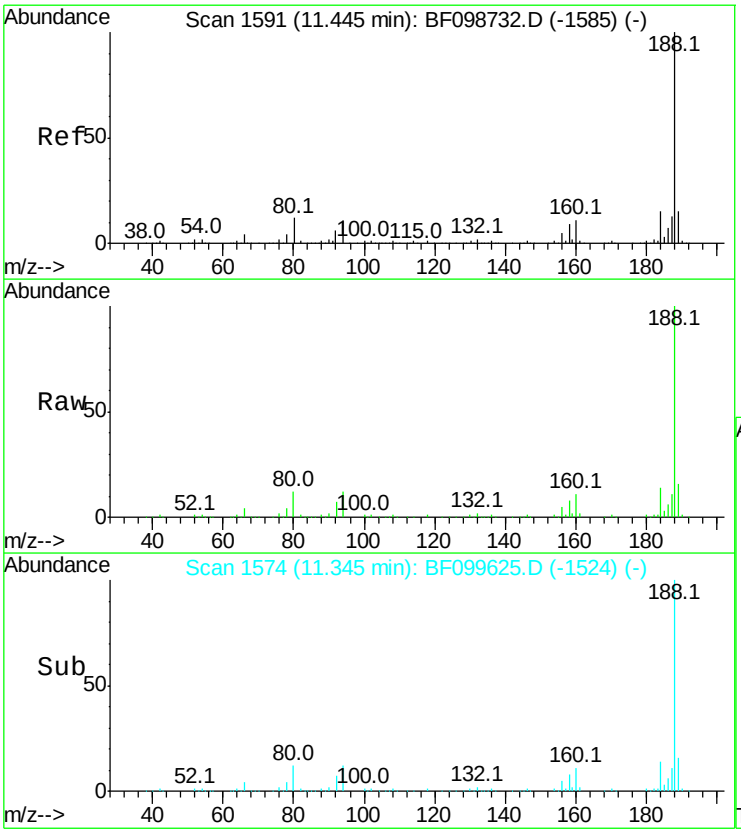
#62
Azobenzene
Concen: 2.093 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 29090

Ion	Ratio	Lower	Upper
77	100		
182	94.4	1.7	41.7#
105	171.5	3.0	43.0#
51	31.4	9.9	49.9

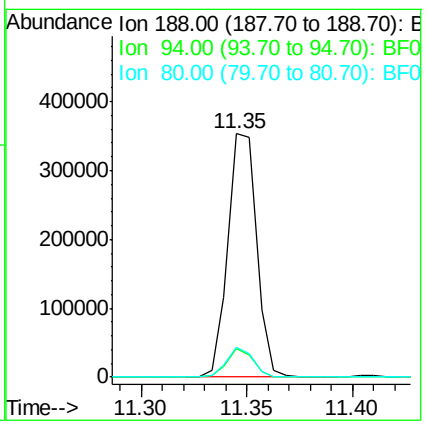


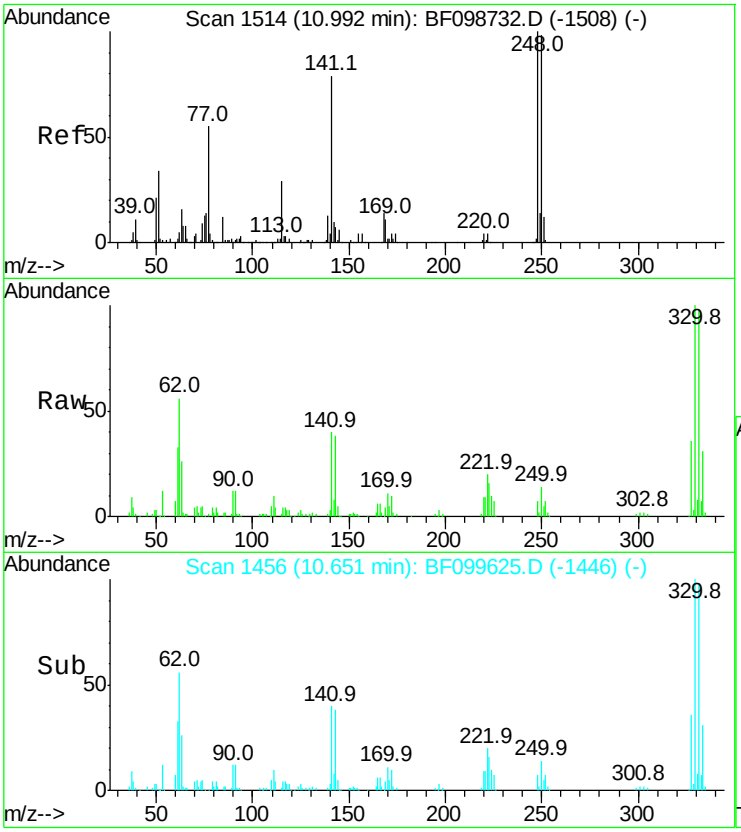


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:188 Resp: 332681

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.5	9.2	13.8



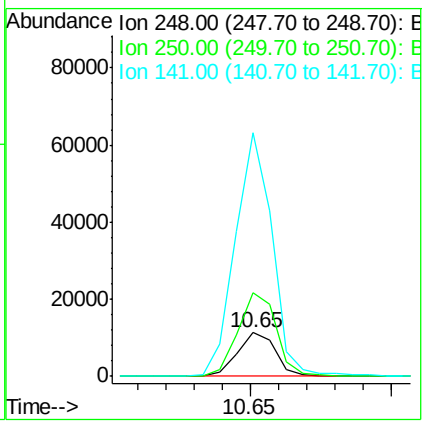


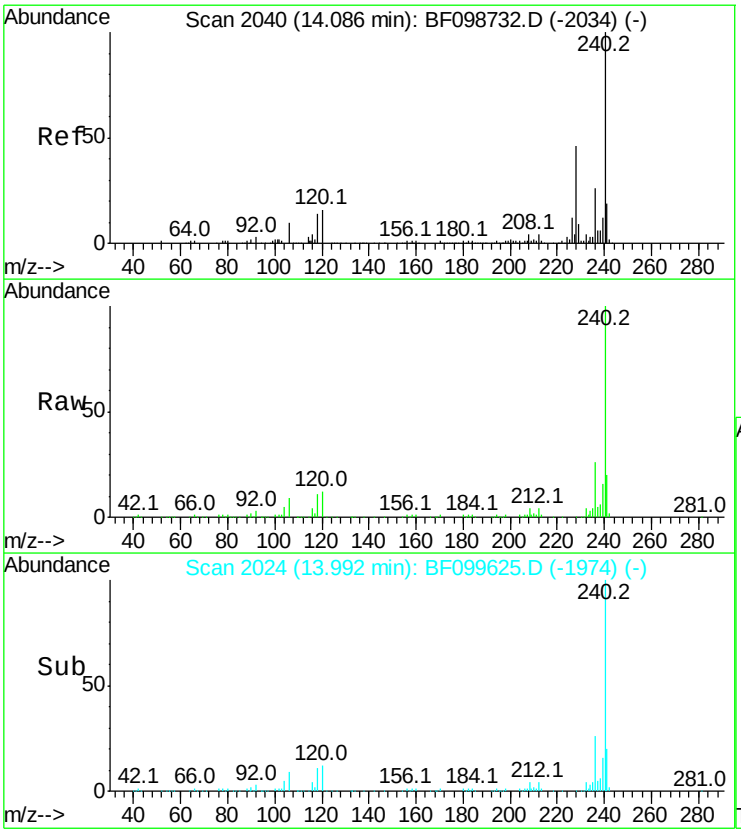
#66
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10394

Ion	Ratio	Lower	Upper
248	100		
250	190.0	76.9	115.3#
141	554.8	74.4	111.6#

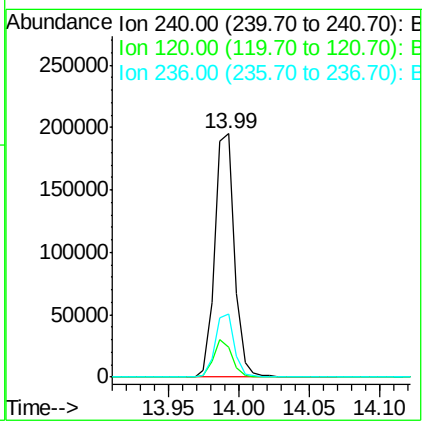


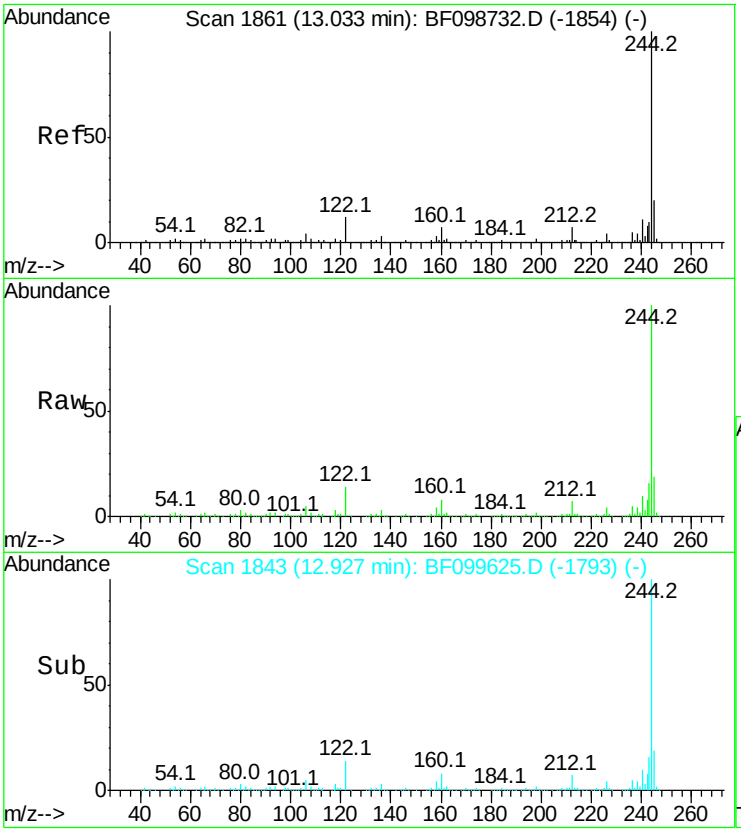


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:240 Resp: 189270

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.2	20.7	31.1



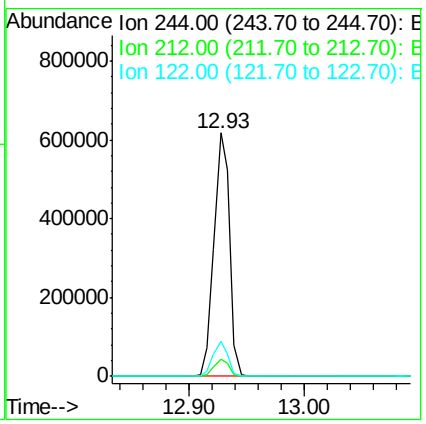


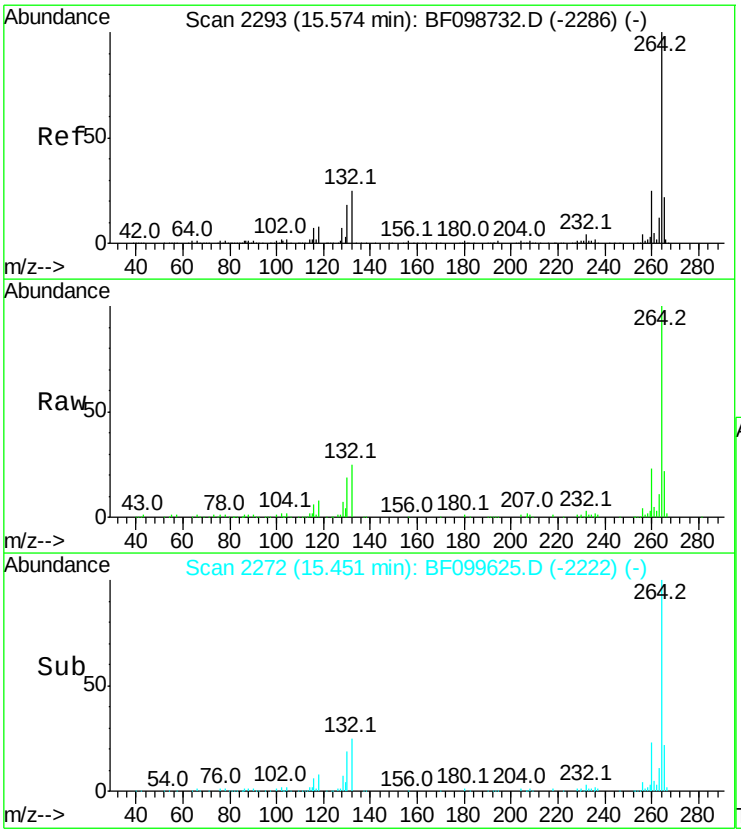
#78
Terphenyl-d14
Concen: 69.151 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF099625.D
Acq: 18 Oct 2017 18:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 575510

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.4	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: BF099625.D
Acq: 18 Oct 2017 18:55

Tgt Ion:264 Resp: 188183

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.2	17.5	26.3