Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099242.D
Acq On : 8 Oct 2017 19:55
Operator : SJ/JU
Sample : I5658-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 01:14:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130350	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	529729	20.00	ng		0.02
38) Acenaphthene-d10	9.90	164	246426	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	459776	20.00	ng		0.00
75) Chrysene-d12	14.03	240	349106	20.00	ng		0.00
86) Perylene-d12	15.50	264	228502	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	716580	87.51	ng		0.03
7) Phenol-d6	6.60	99	40089	3.97	ng		0.11
23) Nitrobenzene-d5	7.49	82	746881	90.42	ng		0.05
41) 2,4,6-Tribromophenol	10.70	330	268896	133.35	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1337509	90.61	ng		0.00
78) Terphenyl-d14	12.97	244	1241843	80.90	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	129609	22.12	ng		93
15) Benzyl Alcohol	7.06	79	2835510	382.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	202992	14.84	ng		71
17) 2-Methylphenol	7.06	107	1688720	222.57	ng	#	25
19) n-Nitroso-di-n-propylamine	7.31	70	48078	7.45	ng	#	1
20) 3+4-Methylphenols	7.20	107	2643662	275.42	ng	#	1
22) Acetophenone	7.20	105	159161	12.40	ng	#	1
25) Isophorone	7.49	82	746881	43.73	ng	#	64
27) 2,4-Dimethylphenol	7.95	122	32298	3.80	ng	#	1
32) Benzoic acid	7.95	122	32298	4.62	ng	#	1
50) 2,6-Dinitrotoluene	9.90	165	31275	7.72	ng	#	26
56) 2,4-Dinitrotoluene	9.90	165	31275	5.95	ng	#	23
66) 4-Bromophenyl-phenylether	10.70	248	18070	4.02	ng	#	1

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

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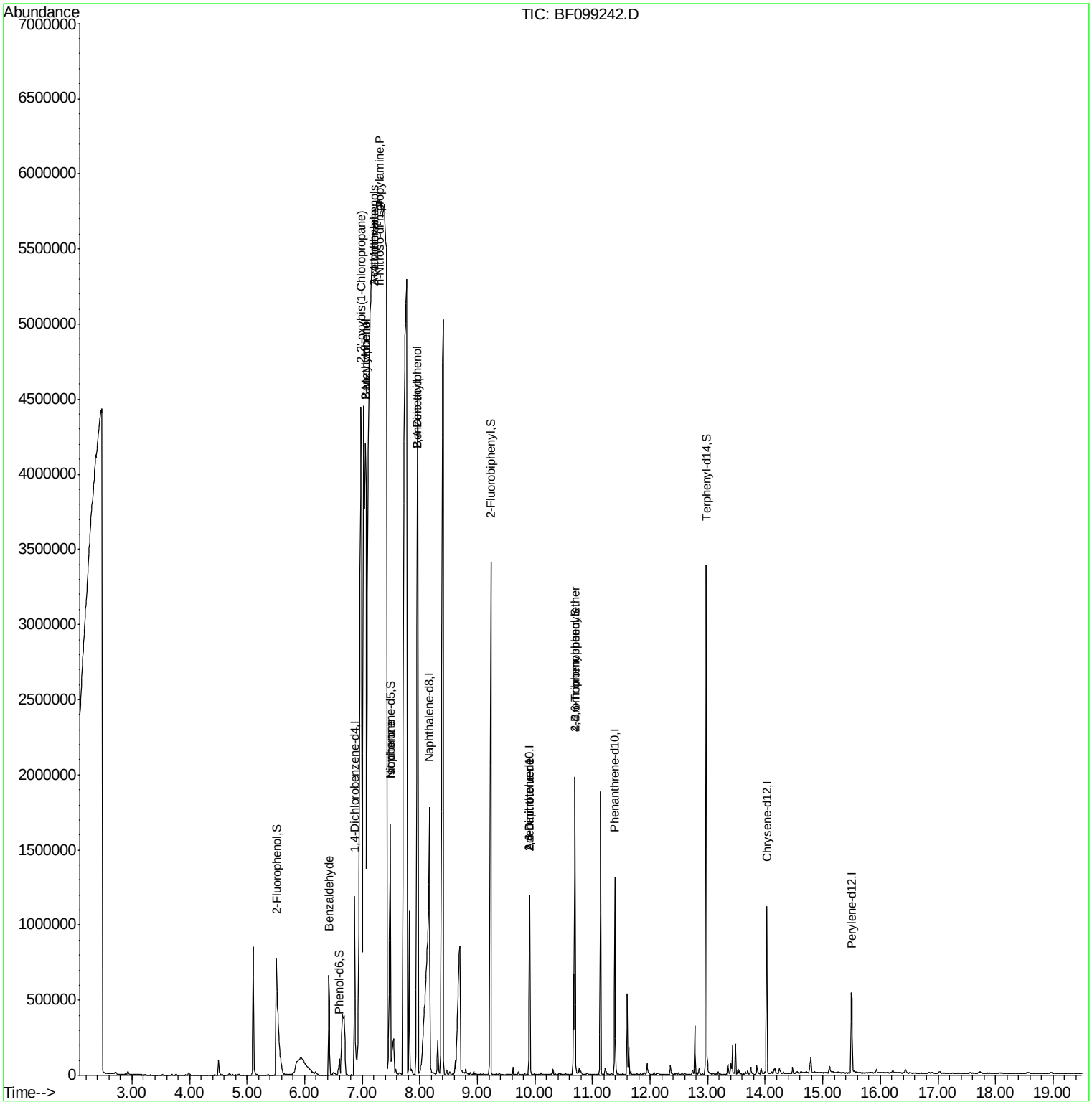
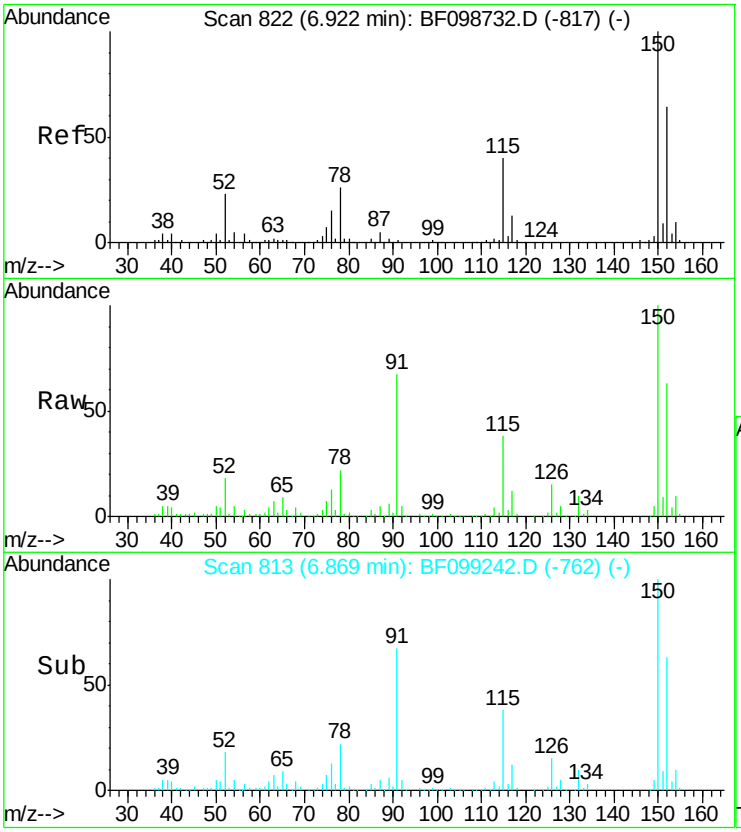


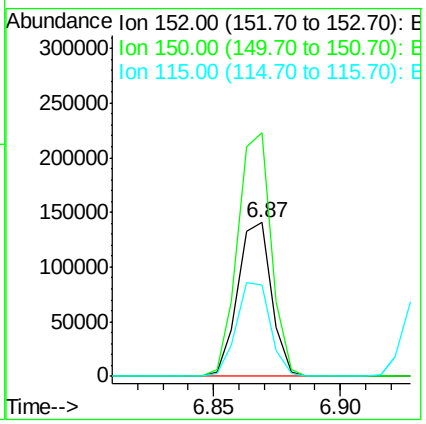


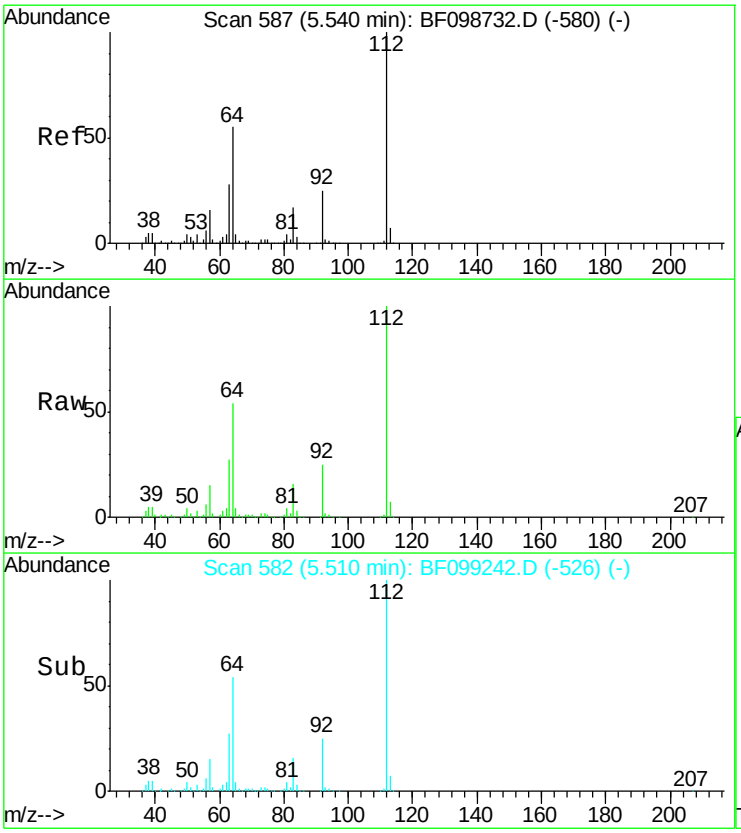
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130350

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	59.5	50.1	75.1

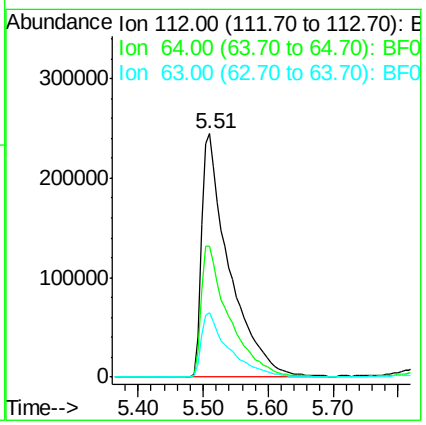


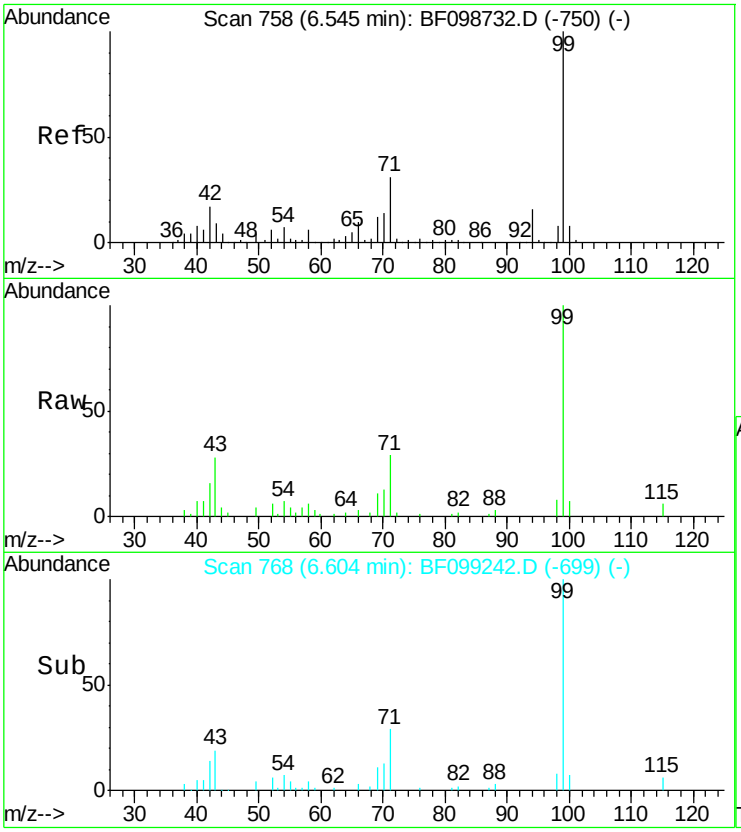


#5
2-Fluorophenol
Concen: 87.51 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.03 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:112 Resp: 716580

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	26.5	23.7	35.5



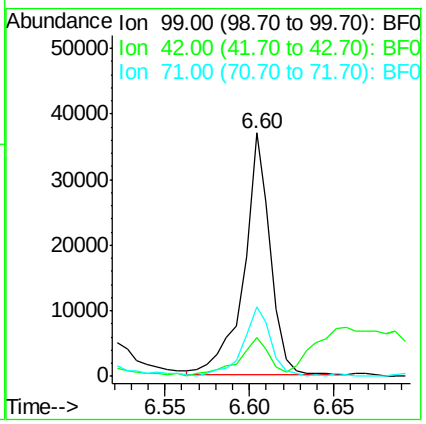


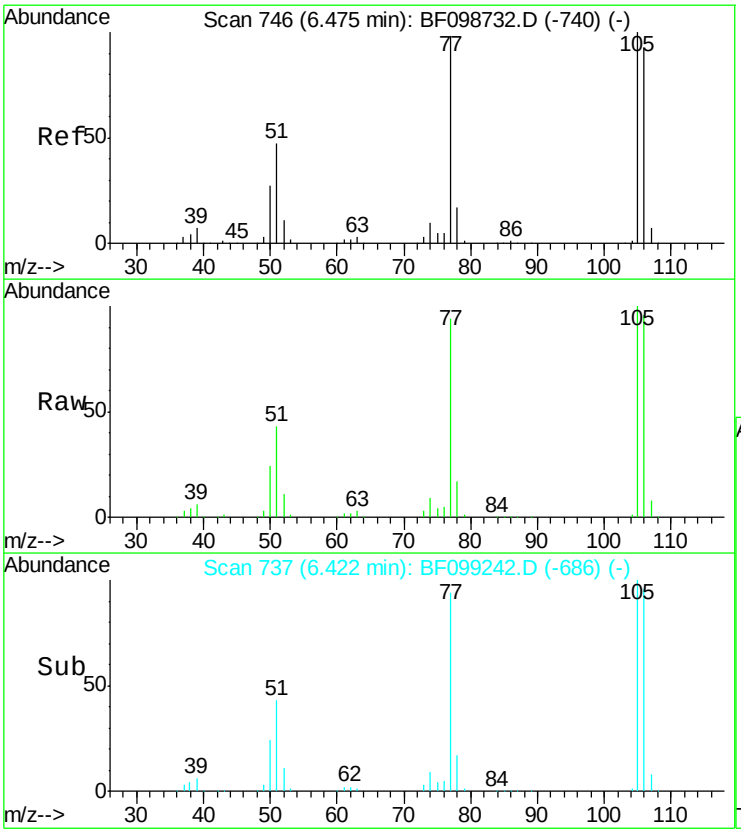
#7
Phenol-d6
Concen: 3.97 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.11 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 40089

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	28.8	25.4	38.0

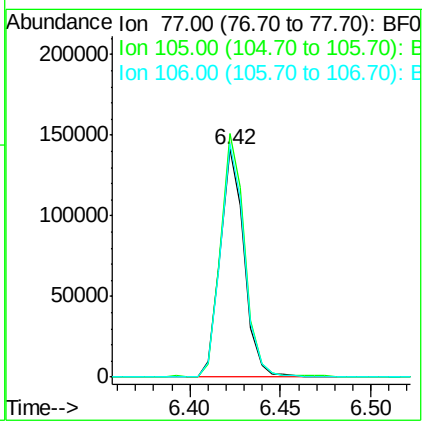


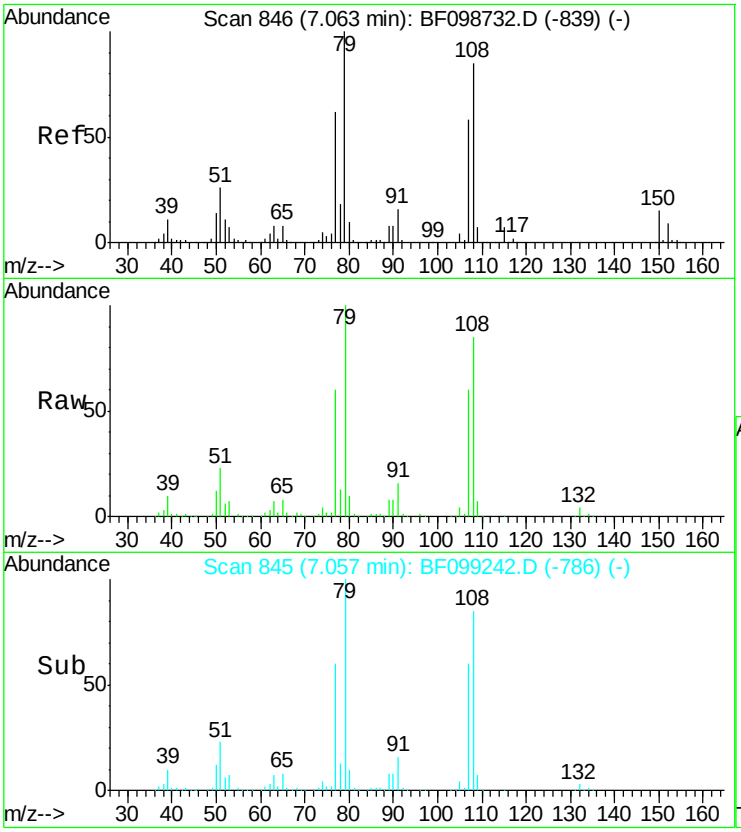


#9
Benzaldehyde
Concen: 22.12 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion: 77 Resp: 129609

Ion	Ratio	Lower	Upper
77	100		
105	106.9	81.1	121.1
106	102.2	74.5	114.5



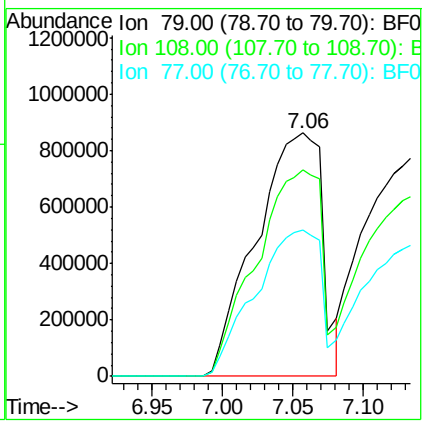


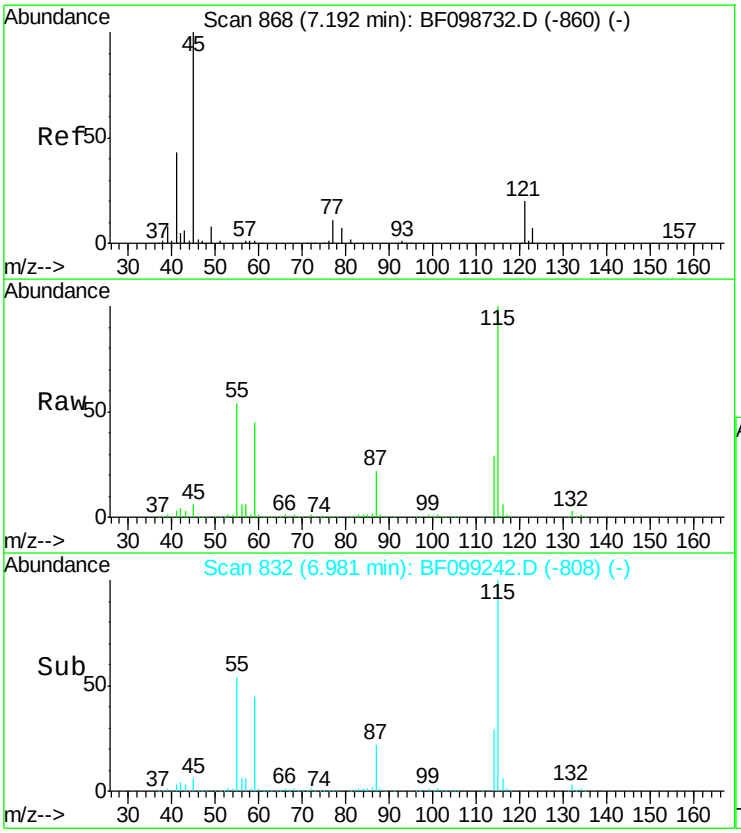
#15
Benzyl Alcohol
Concen: 382.64 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.05 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 2835510

Ion	Ratio	Lower	Upper
79	100		
108	84.6	65.1	97.7
77	60.1	50.6	75.8

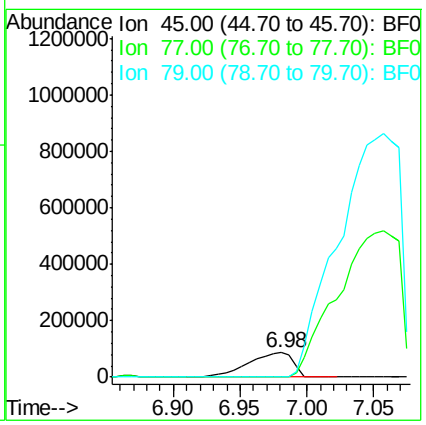


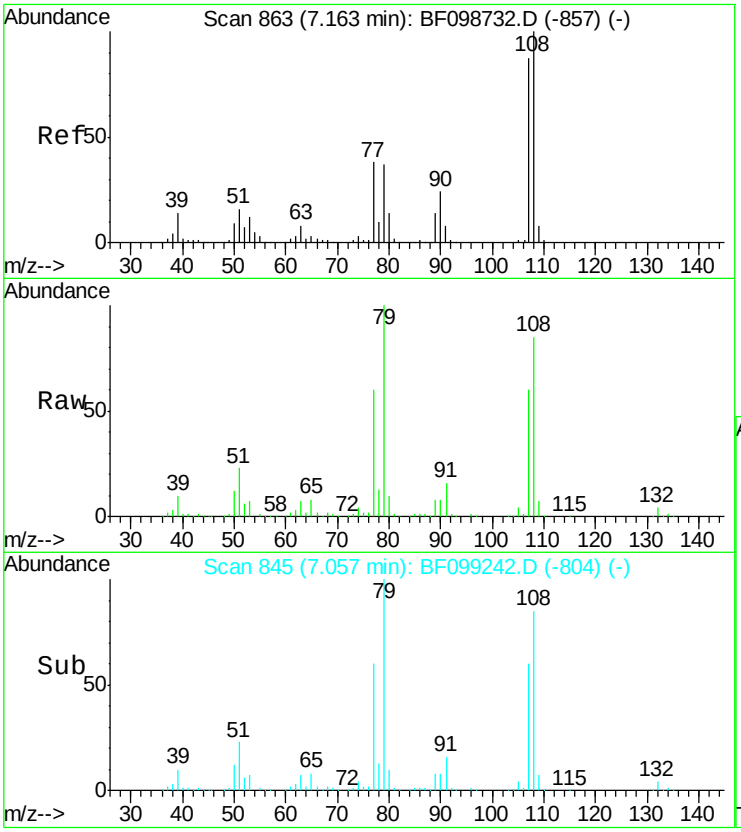


#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.84 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.16 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion: 45 Resp: 202992

Ion	Ratio	Lower	Upper
45	100		
77	0.9	0.0	32.9
79	0.0	0.0	29.6



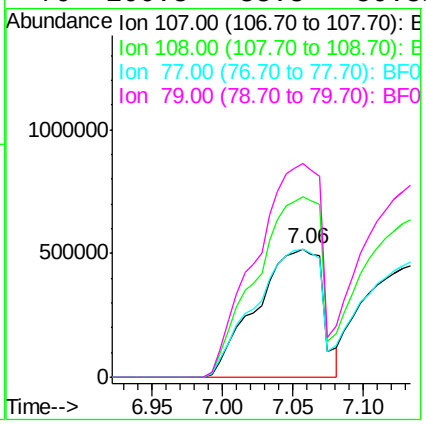


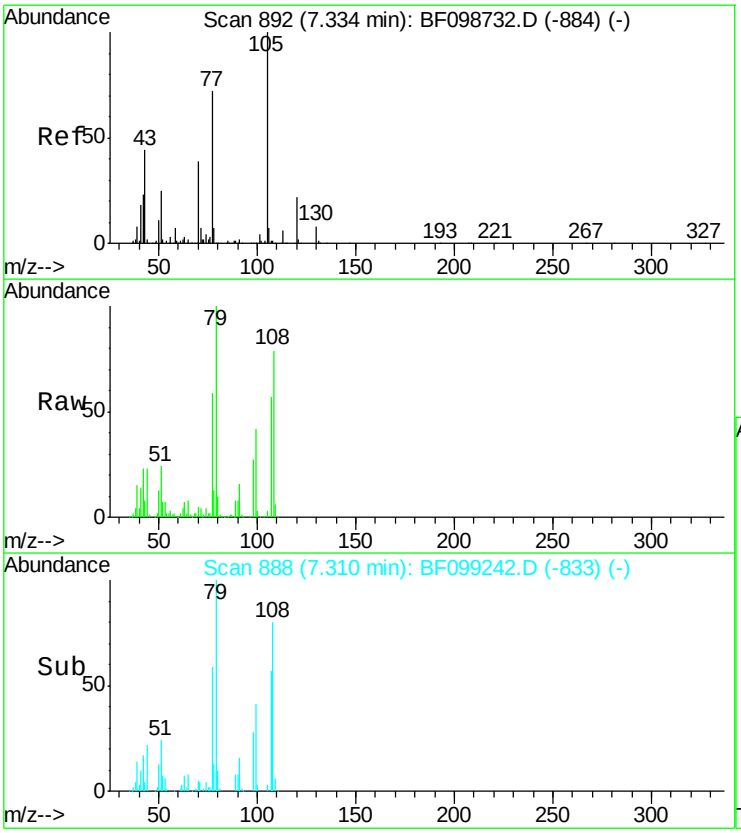
#17
2-Methylphenol
Concen: 222.57 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.06 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 1688720

Ion	Ratio	Lower	Upper
107	100		
108	141.1	91.7	137.5#
77	100.2	33.8	50.8#
79	166.8	33.8	50.8#

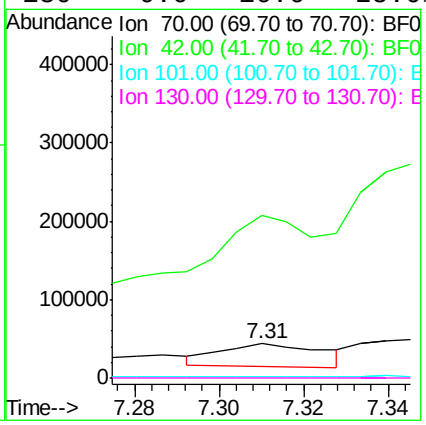


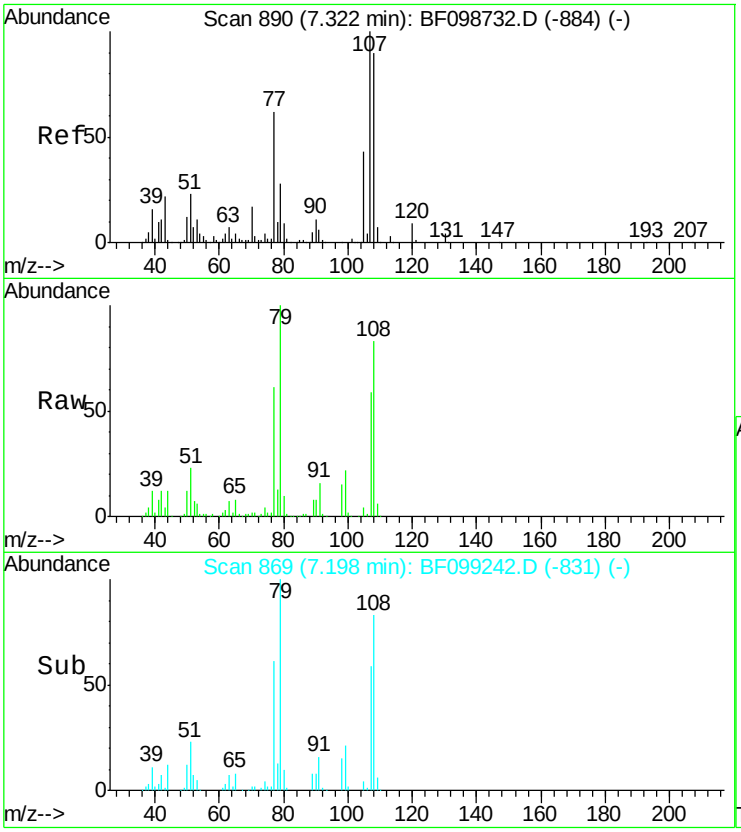


#19
n-Nitroso-di-n-propylamine
Concen: 7.45 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.02 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion: 70 Resp: 48078

Ion	Ratio	Lower	Upper
70	100		
42	472.9	47.5	71.3#
101	4.9	7.4	11.2#
130	0.0	16.6	25.0#



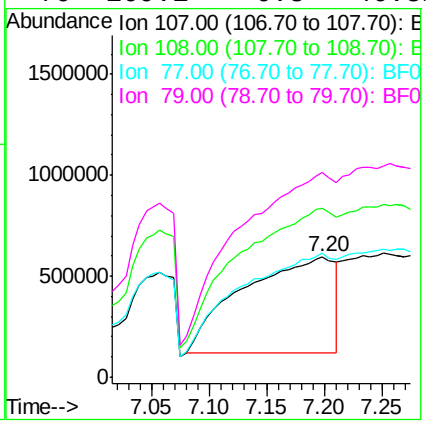


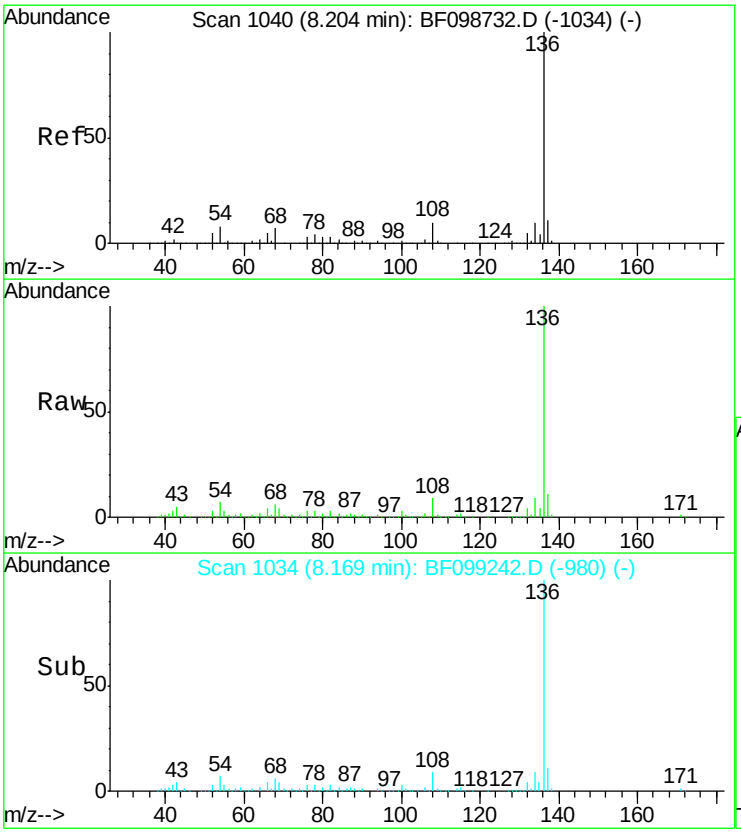
#20
3+4-Methylphenols
Concen: 275.42 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.08 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 2643662

Ion	Ratio	Lower	Upper
107	100		
108	139.7	68.2	108.2#
77	102.6	26.7	66.7#
79	169.1	6.3	46.3#

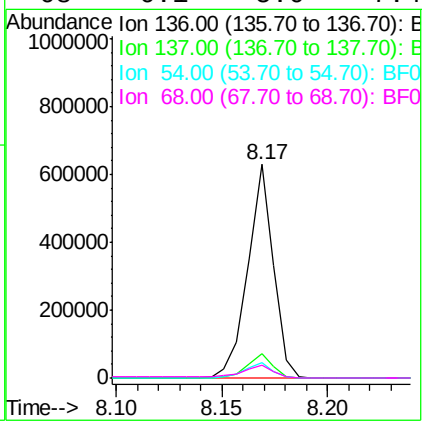


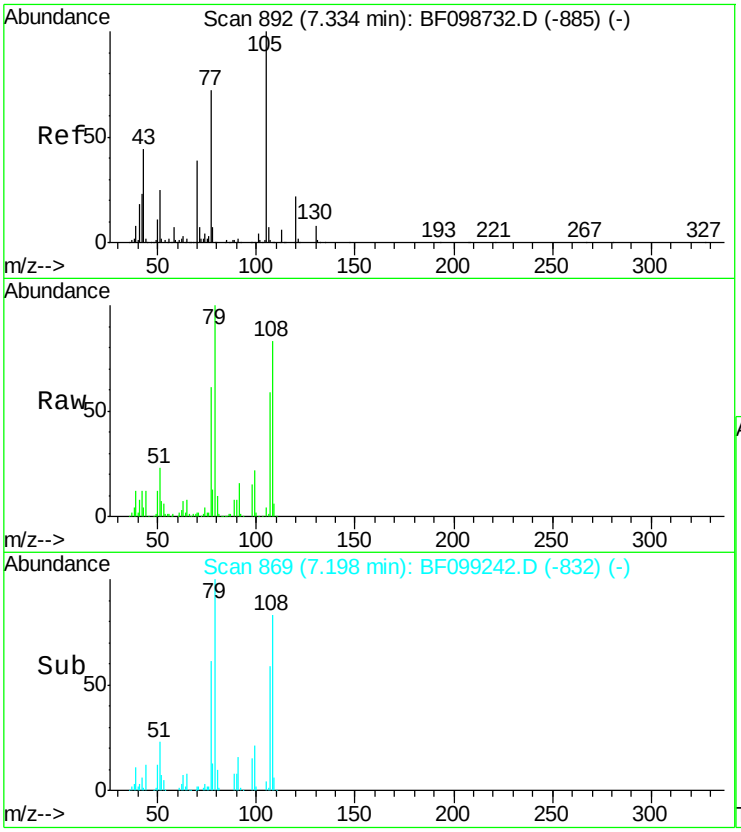


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:136 Resp: 529729

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	6.1	5.0	7.4



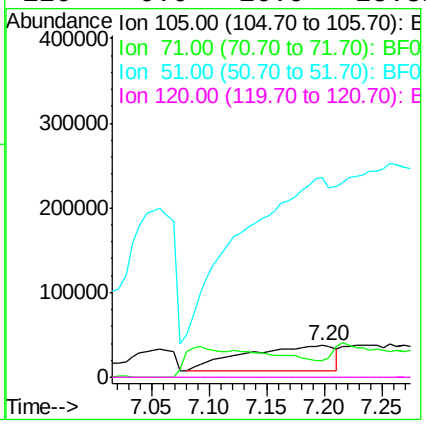


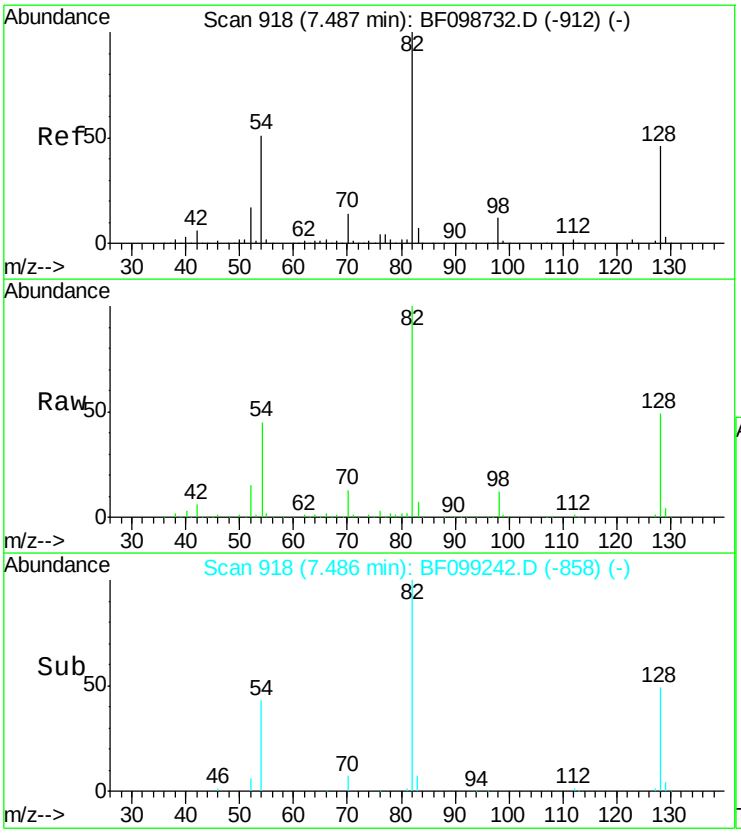
#22
Acetophenone
Concen: 12.40 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.08 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 159161

Ion	Ratio	Lower	Upper
105	100		
71	52.1	4.4	6.6#
51	627.5	22.3	33.5#
120	0.0	16.9	25.3#

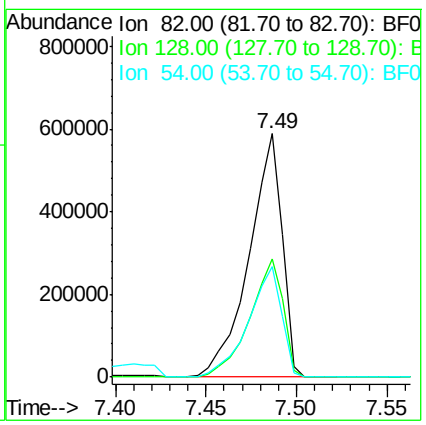


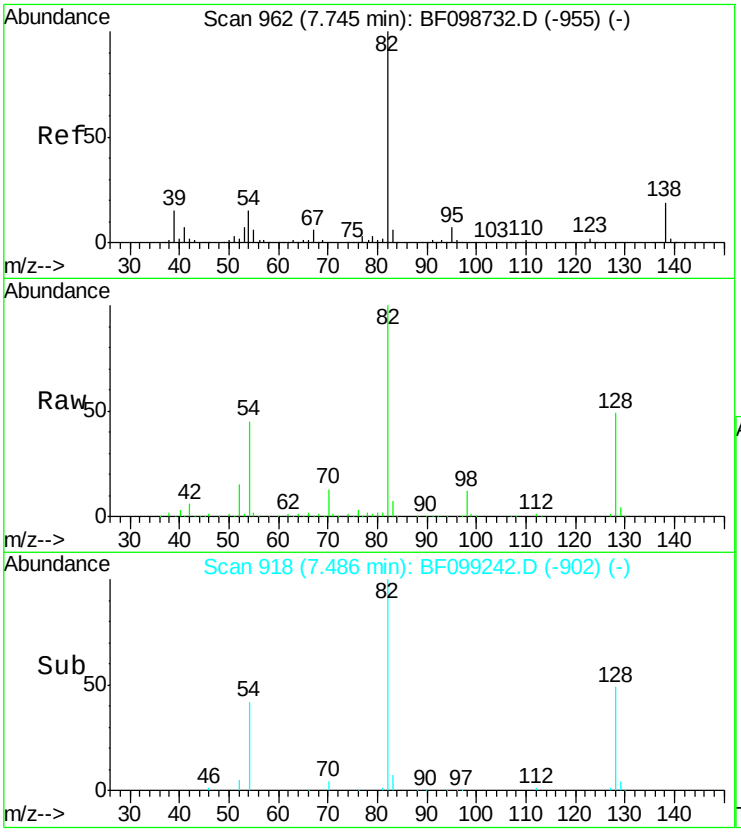


#23
Nitrobenzene-d5
Concen: 90.42 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.05 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion: 82 Resp: 746881

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	45.2	41.4	62.2



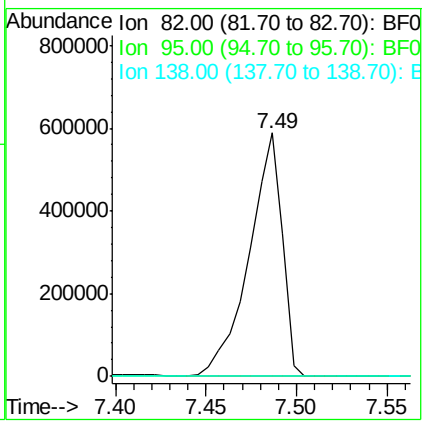


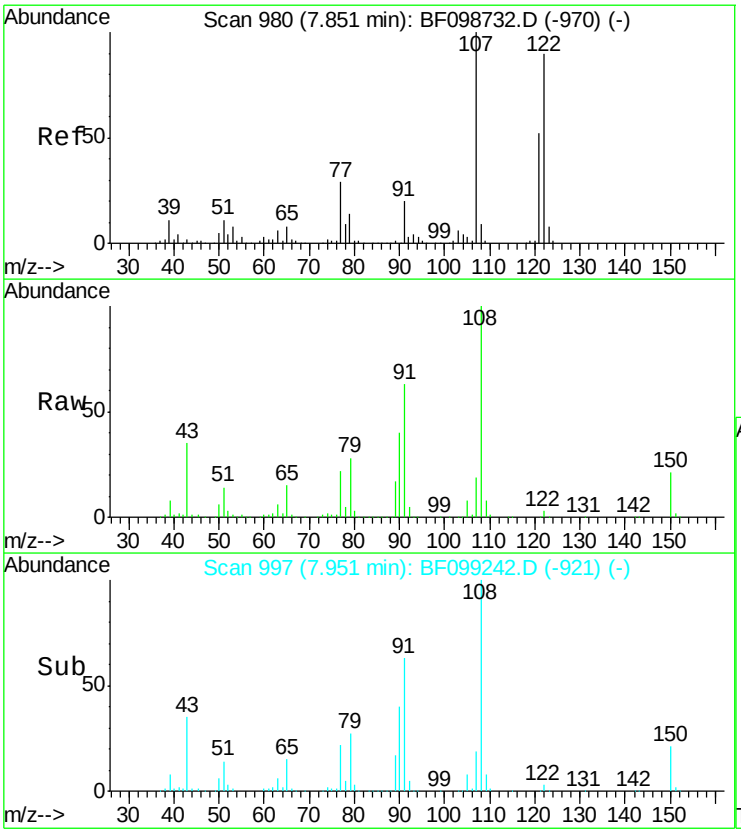
#25
Isophorone
Concen: 43.73 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.21 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 746881

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

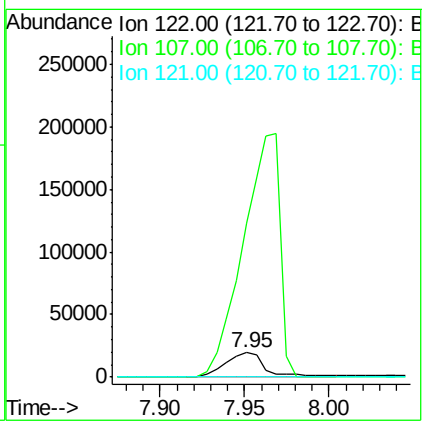


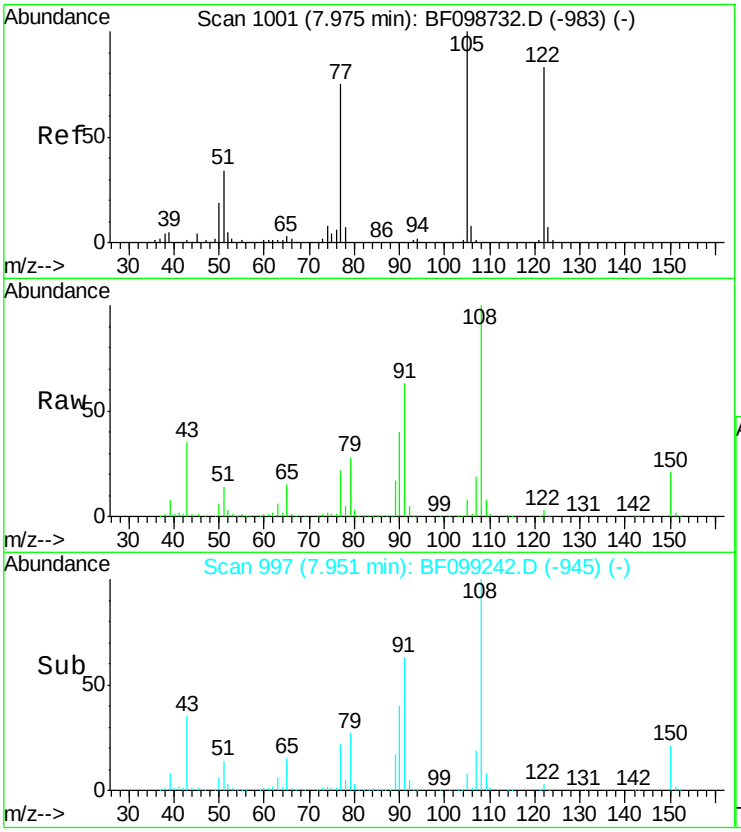


#27
2,4-Dimethylphenol
Concen: 3.80 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.15 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:122 Resp: 32298

Ion	Ratio	Lower	Upper
122	100		
107	624.8	91.2	136.8#
121	1.7	47.2	70.8#



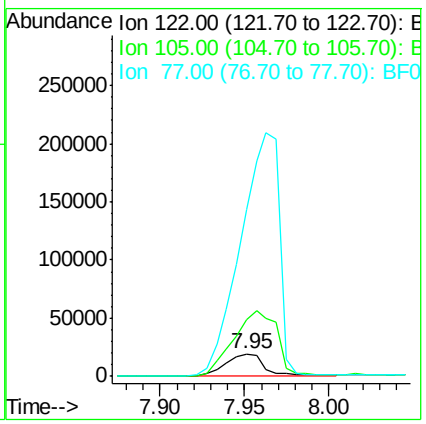


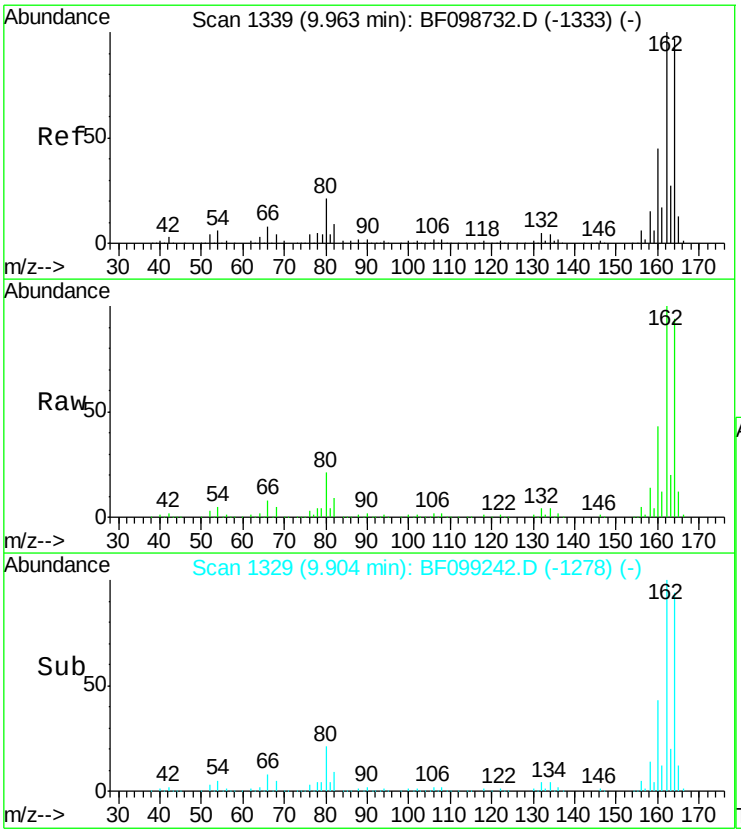
#32
Benzoic acid
Concen: 4.62 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 32298

Ion	Ratio	Lower	Upper
122	100		
105	249.5	101.1	141.1#
77	728.3	70.7	110.7#

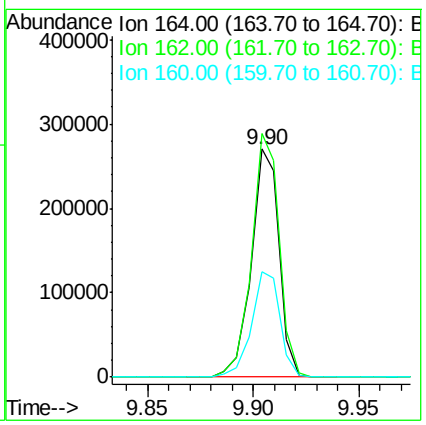


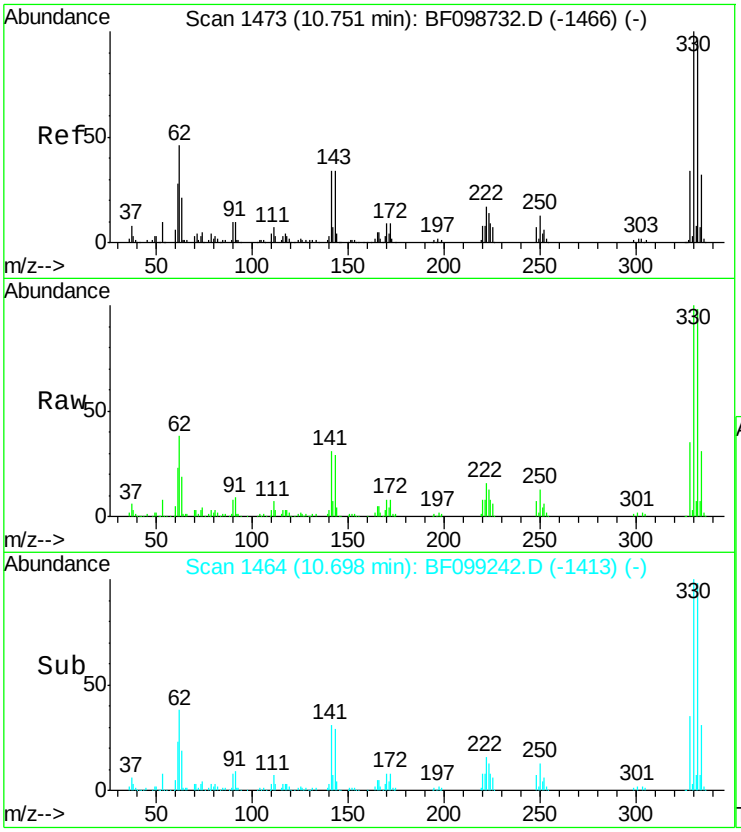


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:164 Resp: 246426

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.1	38.3	57.5



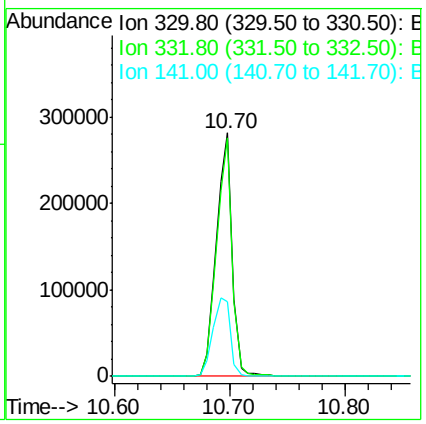


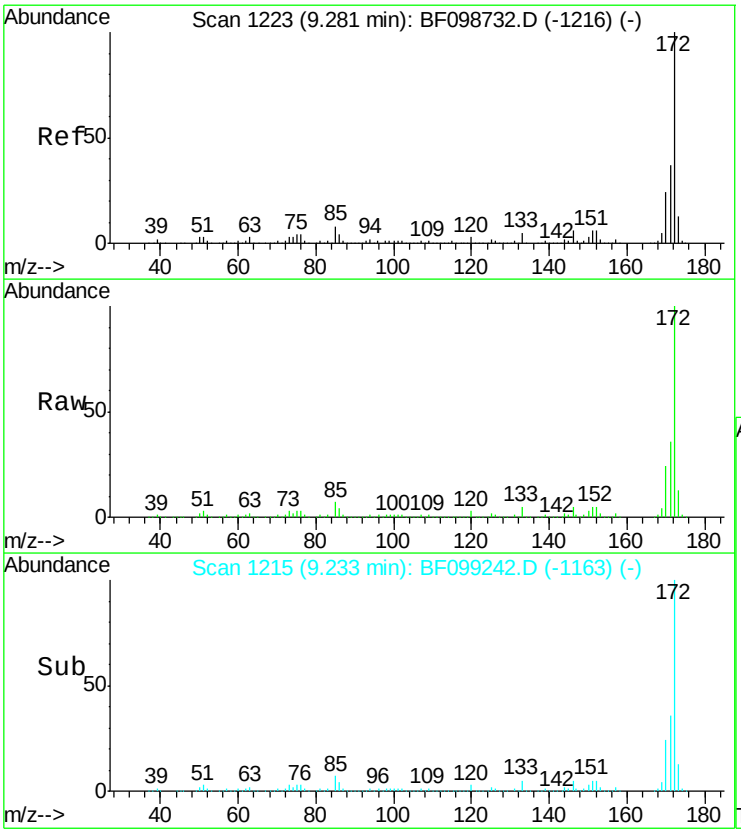
#41
2,4,6-Tribromophenol
Concen: 133.35 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 268896

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.4	29.9	44.9

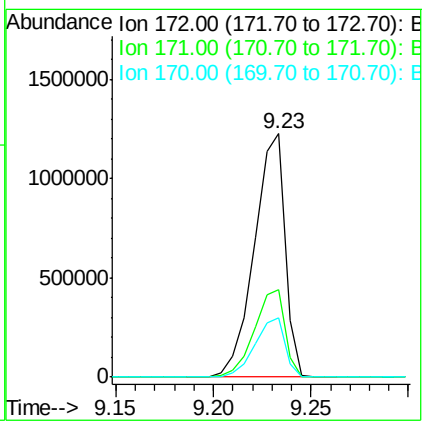


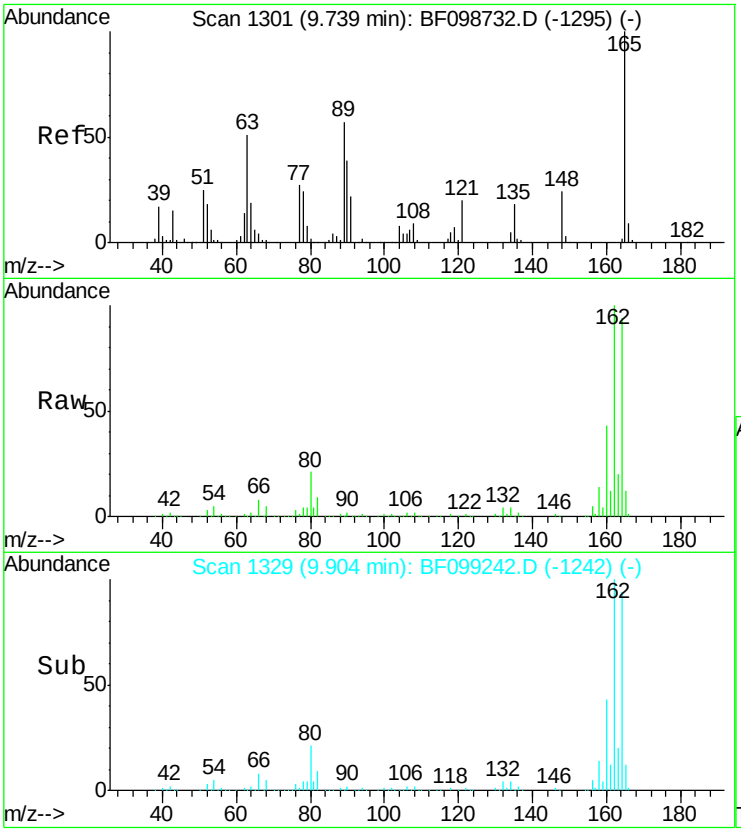


#44
2-Fluorobiphenyl
Concen: 90.61 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:172 Resp: 1337509

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4



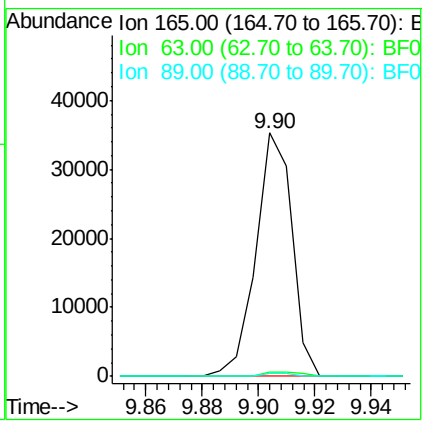


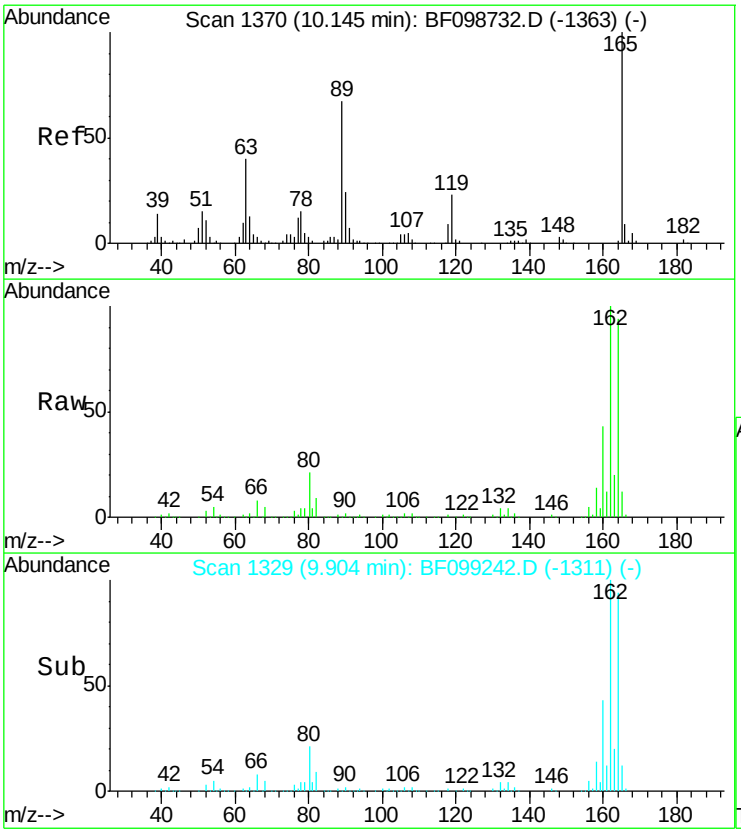
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31275

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.1	44.0	66.0#

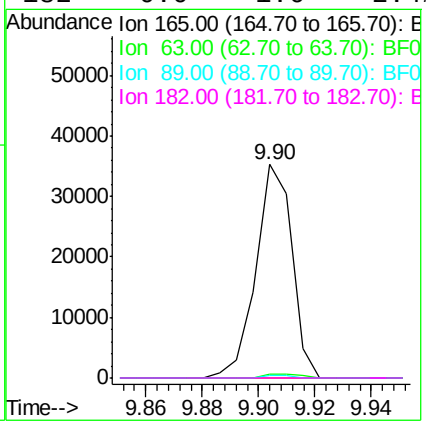


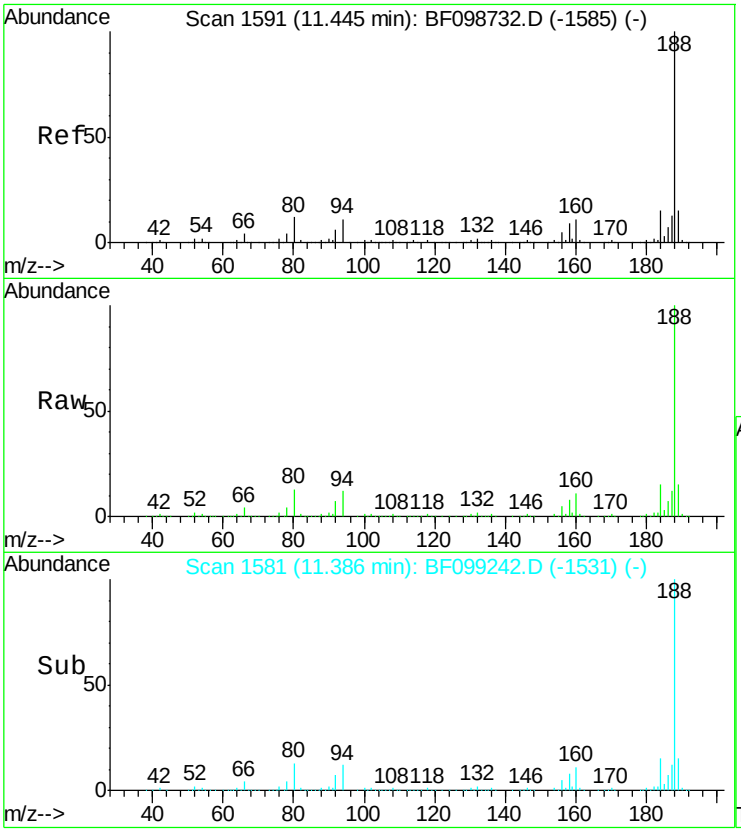


#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:165 Resp: 31275

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



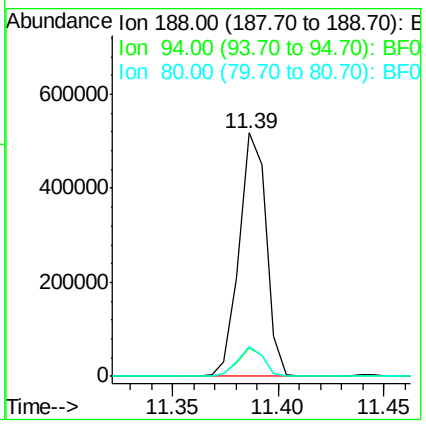


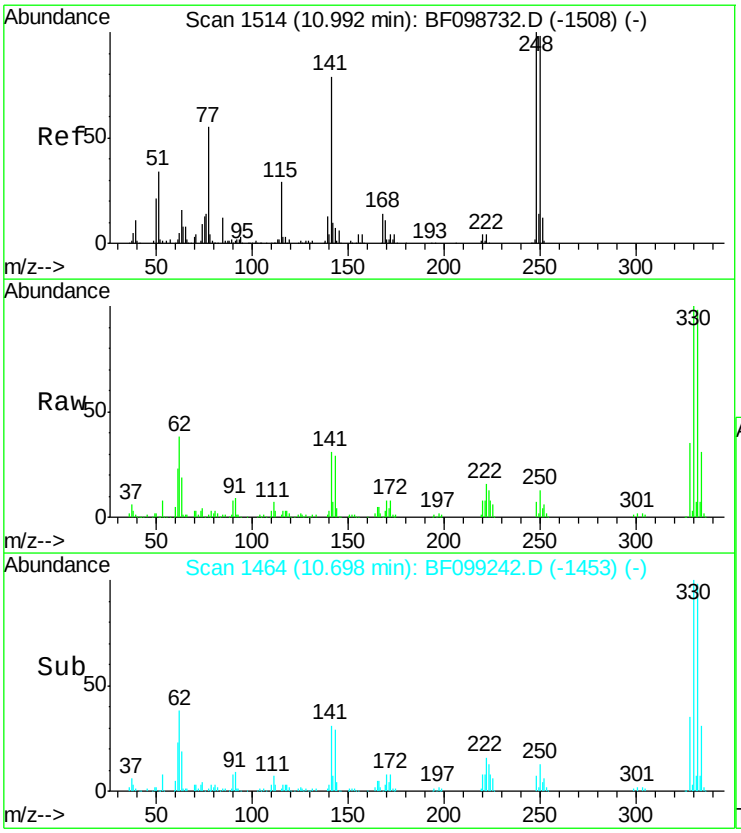
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 459776

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.5	9.2	13.8

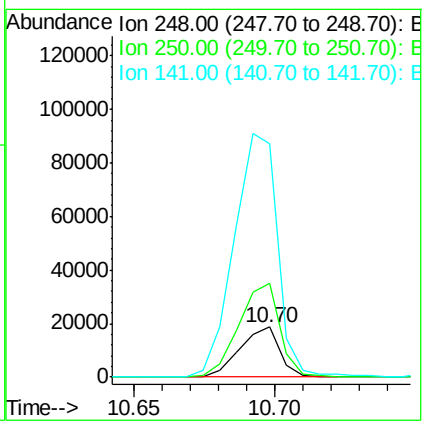


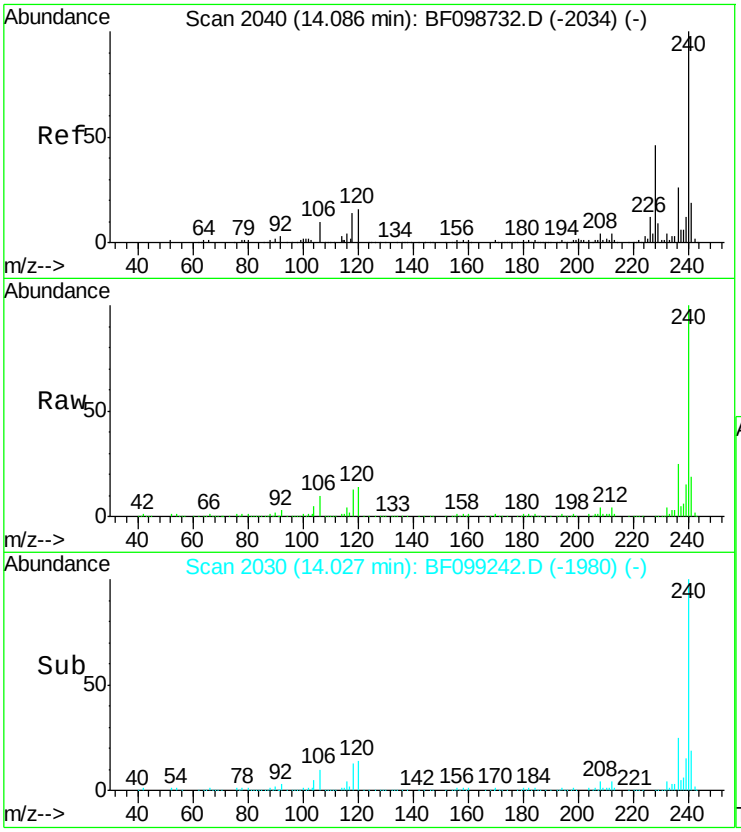


#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:248 Resp: 18070

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.9	115.3#
141	468.5	74.4	111.6#



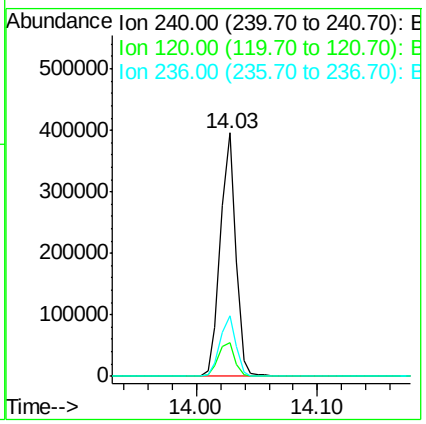


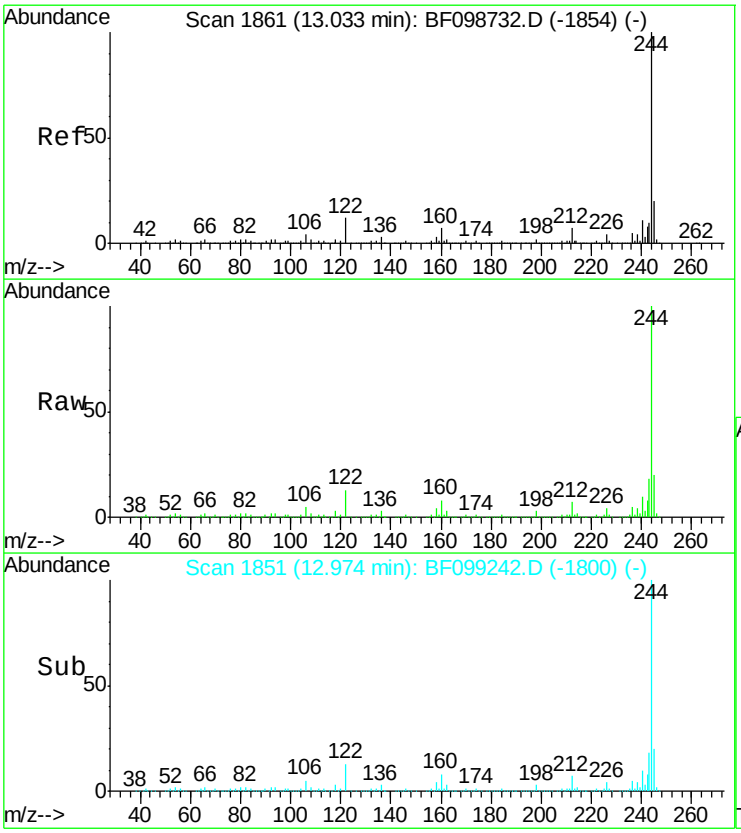
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 349106

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.0	20.7	31.1

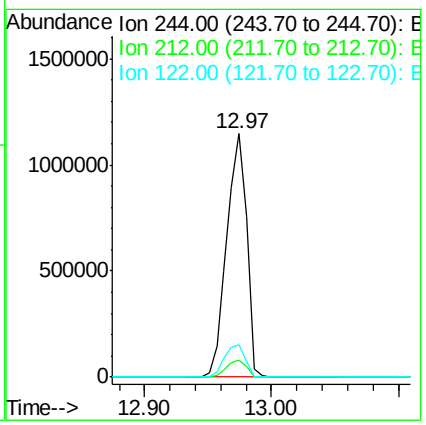


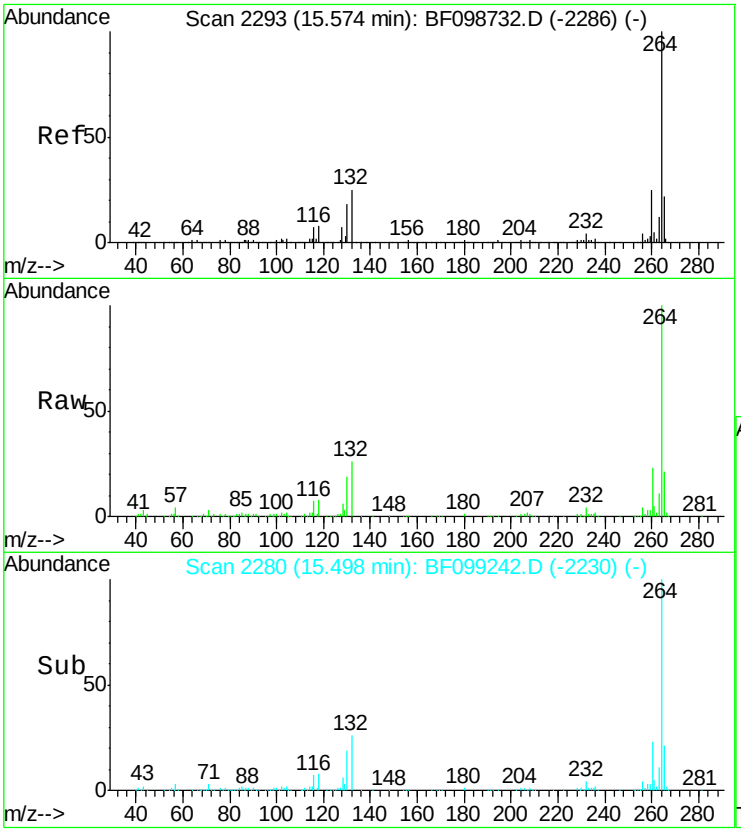


#78
Terphenyl-d14
Concen: 80.90 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Tgt Ion:244 Resp: 1241843

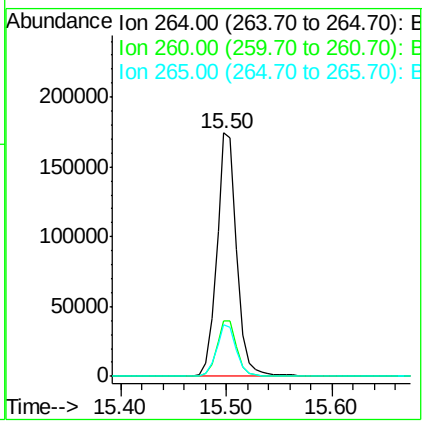
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099242.D
Acq: 8 Oct 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 228502

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3