Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098817.D
Acq On : 26 Sep 2017 8:03
Operator : SJ/JU
Sample : I5384-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 08:47:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	132377	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	560215	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	250247	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	411887	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	241288	20.00	ng		-0.01
86) Perylene-d12	15.56	264	226478	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	417514	50.21	ng		-0.01
7) Phenol-d6	6.53	99	313186	30.53	ng		-0.02
23) Nitrobenzene-d5	7.47	82	968523	110.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	203037	99.15	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	1659582	110.71	ng		0.00
78) Terphenyl-d14	13.02	244	1160417	109.37	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.68	77	15907	2.673	ng		85
15) Benzyl Alcohol	7.07	79	15601	2.073	ng	#	36
19) n-Nitroso-di-n-propylamine	7.47	70	126916	19.378	ng	#	77
25) Isophorone	7.47	82	968215	53.608	ng	#	64
50) 2,6-Dinitrotoluene	9.95	165	31788	7.731	ng	#	26
56) 2,4-Dinitrotoluene	9.95	165	31788	5.957	ng	#	23
66) 4-Bromophenyl-phenylether	10.74	248	13888	3.445	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Sep 2017 8:03
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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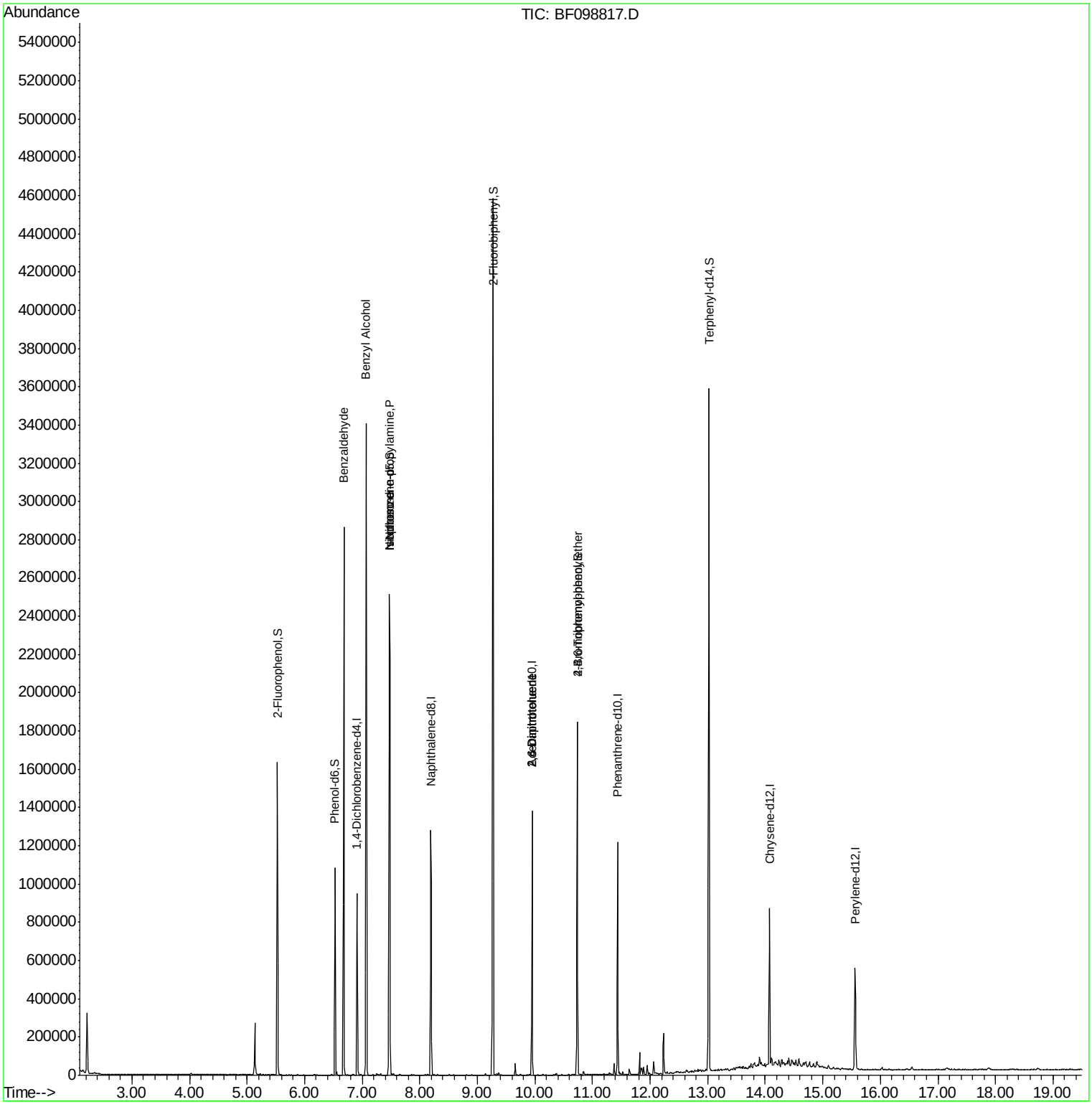
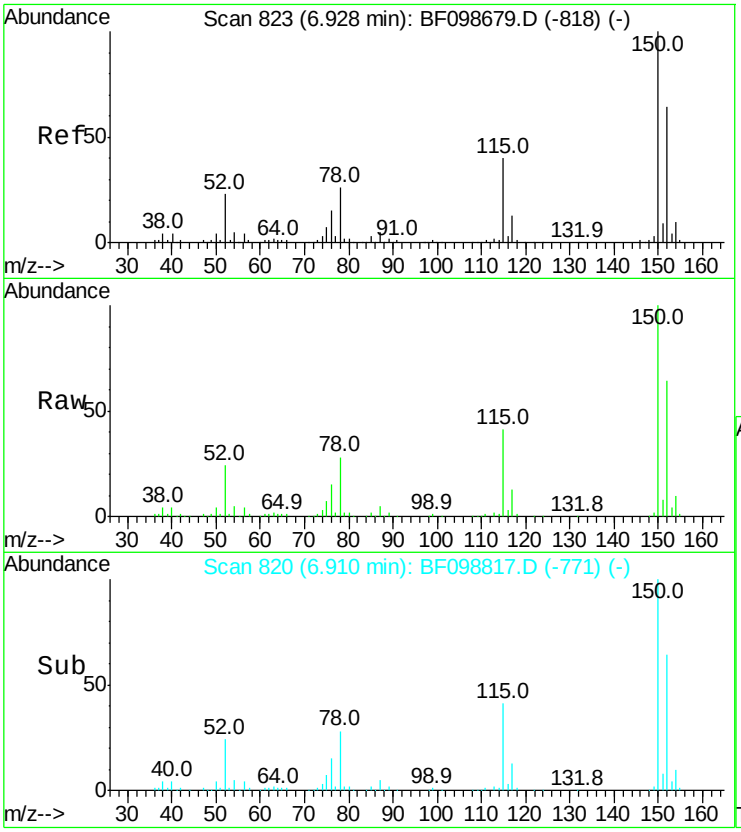
Response via : Initial Calibration



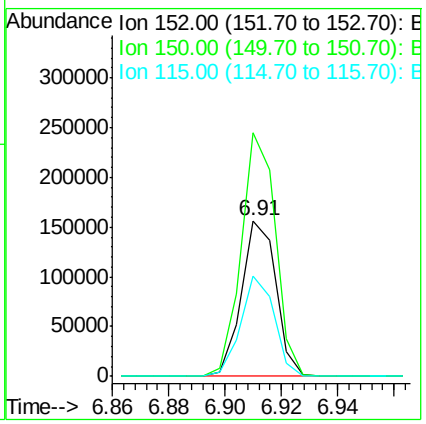


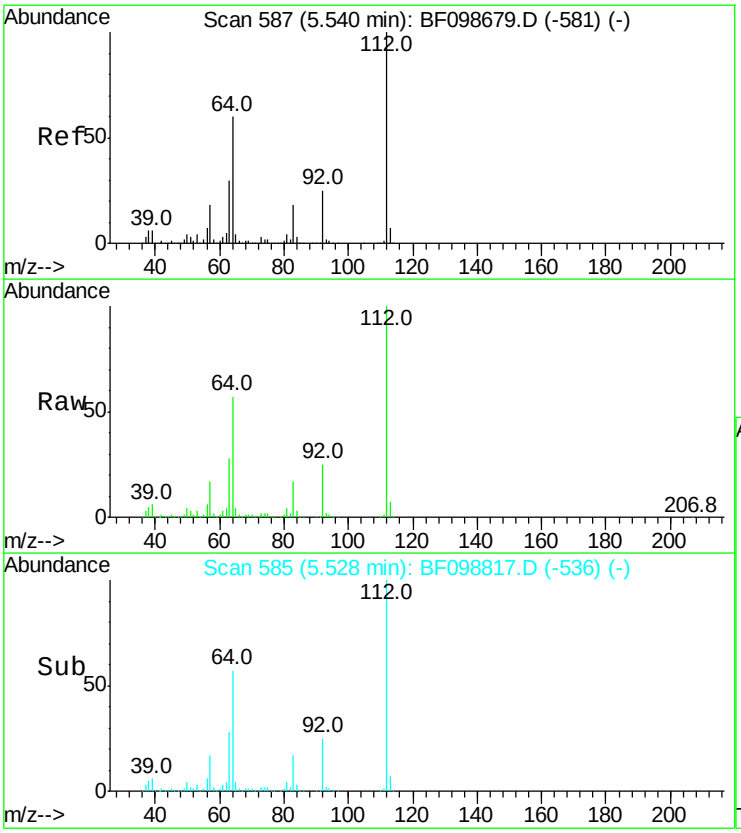
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132377

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.4	50.1	75.1

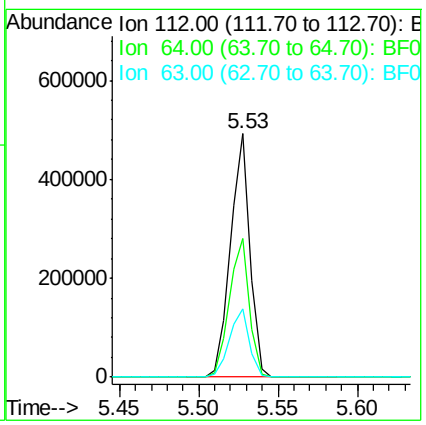


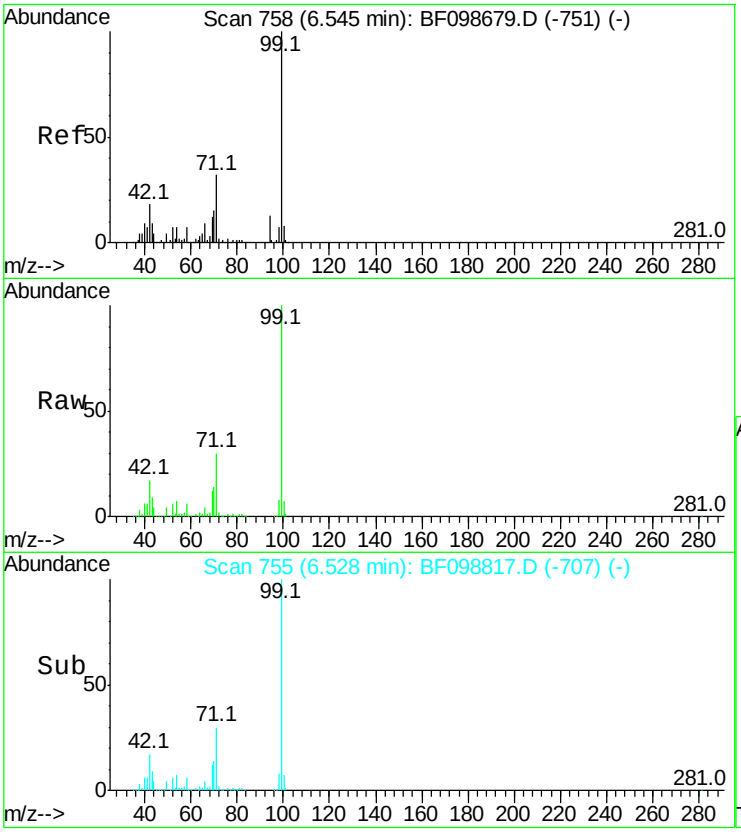


#5
2-Fluorophenol
Concen: 50.208 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:112 Resp: 417514

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.2	23.7	35.5



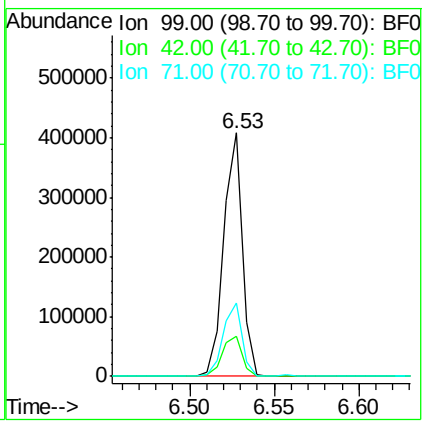


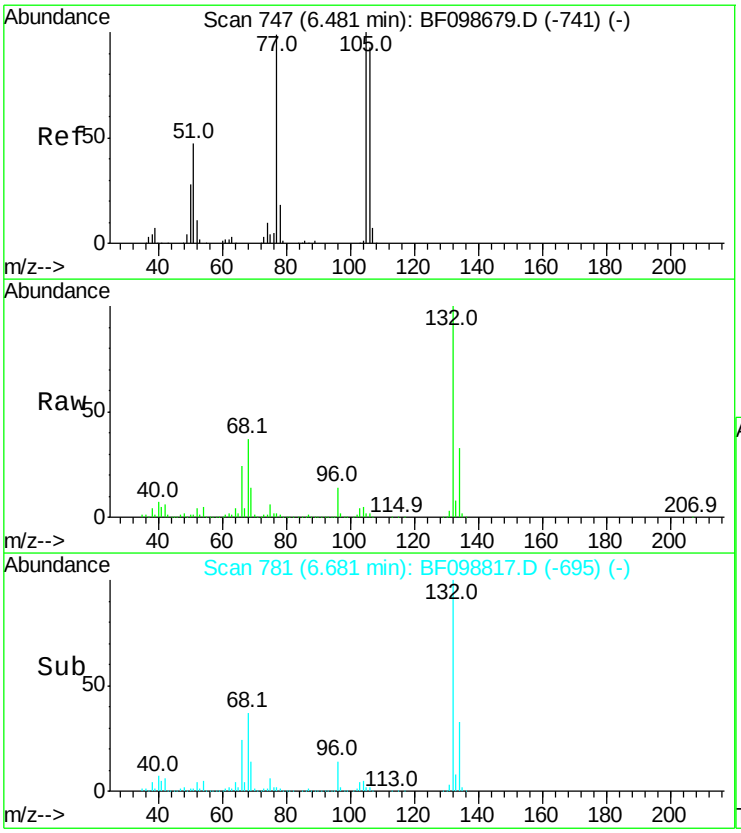
#7
Phenol-d6
Concen: 30.530 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 313186

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	30.4	25.4	38.0

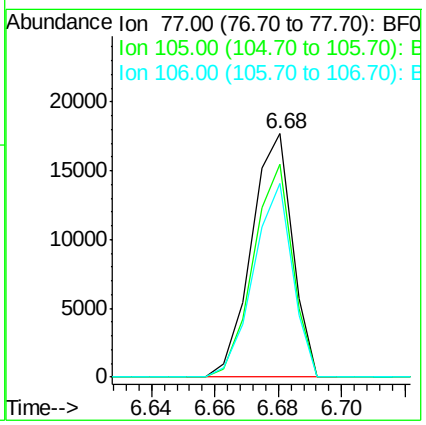


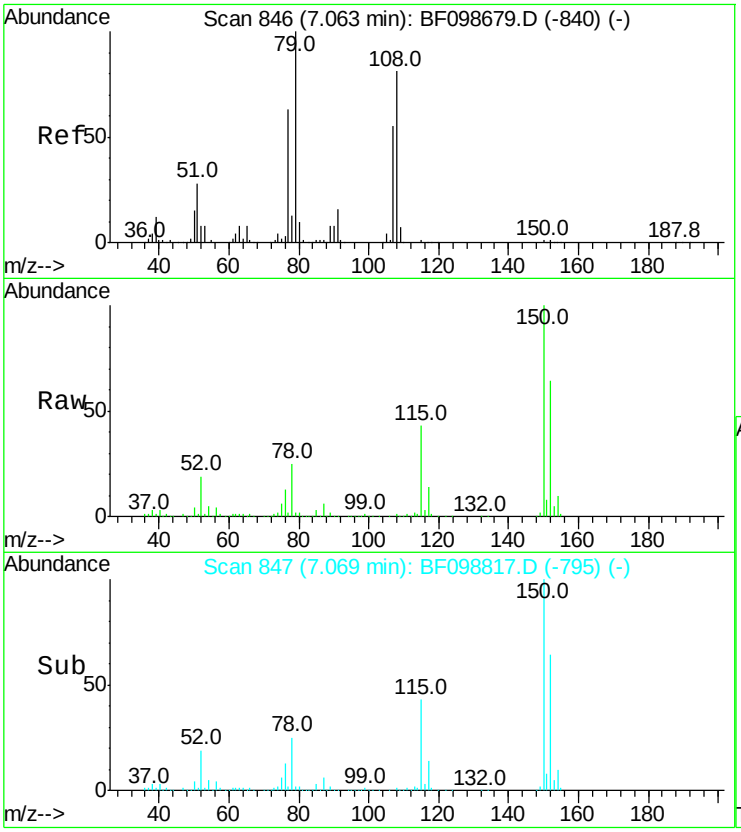


#9
Benzaldehyde
Concen: 2.673 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.21 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion: 77 Resp: 15907

Ion	Ratio	Lower	Upper
77	100		
105	87.6	81.1	121.1
106	79.3	74.5	114.5



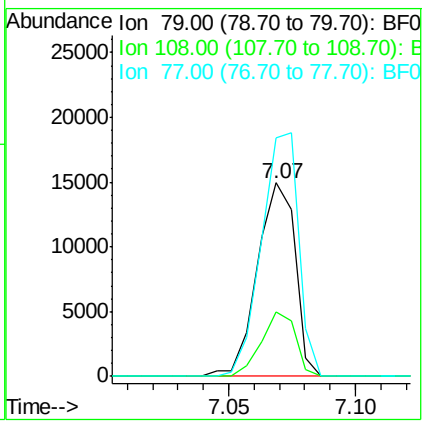


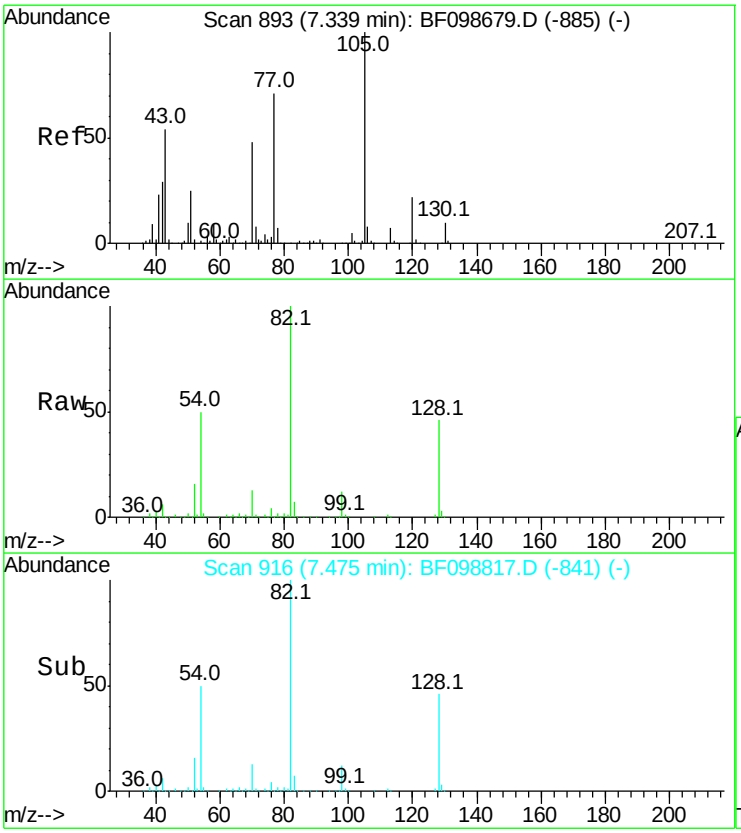
#15
Benzyl Alcohol
Concen: 2.073 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 15601

Ion	Ratio	Lower	Upper
79	100		
108	33.5	65.1	97.7#
77	123.5	50.6	75.8#

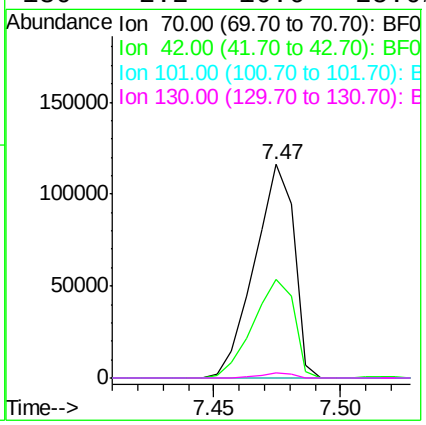


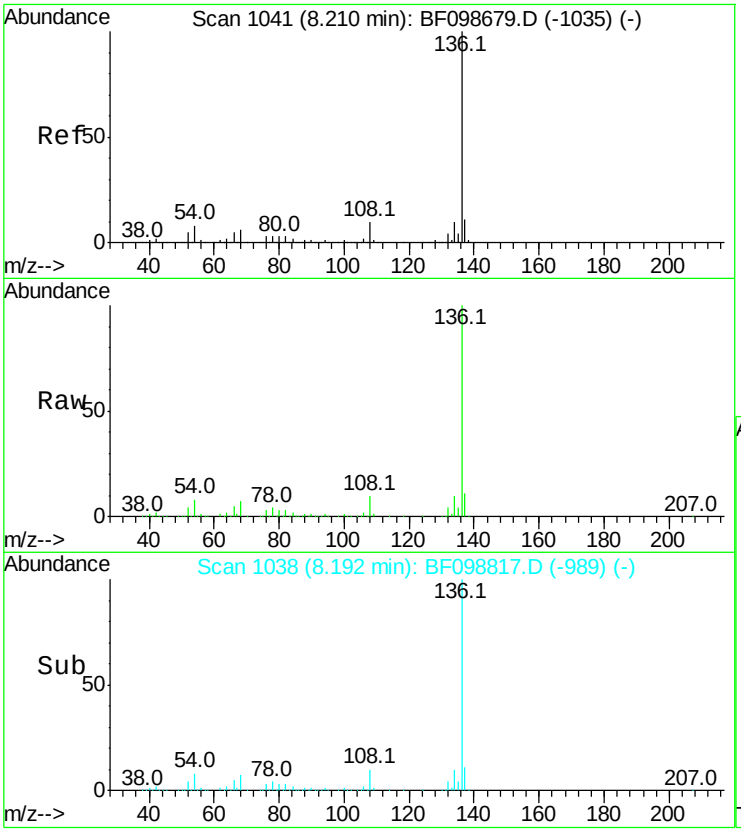


#19
n-Nitroso-di-n-propylamine
Concen: 19.378 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion: 70 Resp: 126916

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



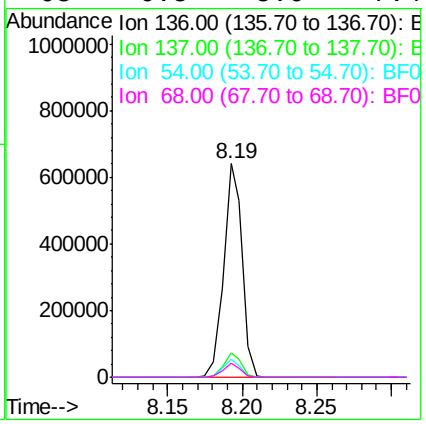


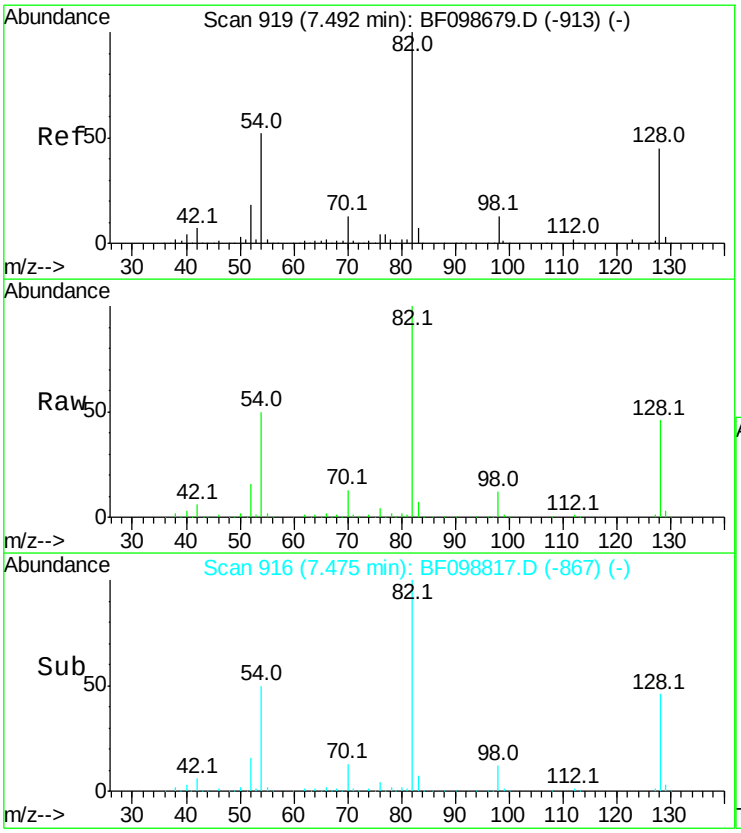
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 560215

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.3	6.6	9.8
68	6.5	5.0	7.4

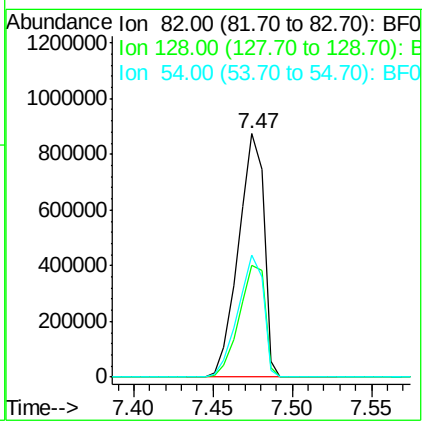


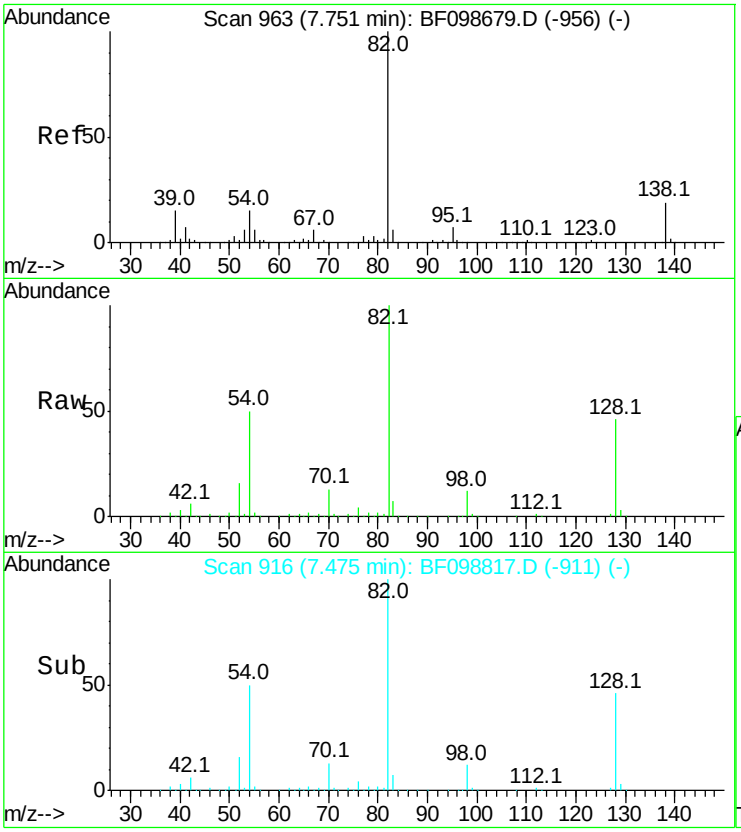


#23
Nitrobenzene-d5
Concen: 110.871 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion: 82 Resp: 968523

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	49.9	41.4	62.2



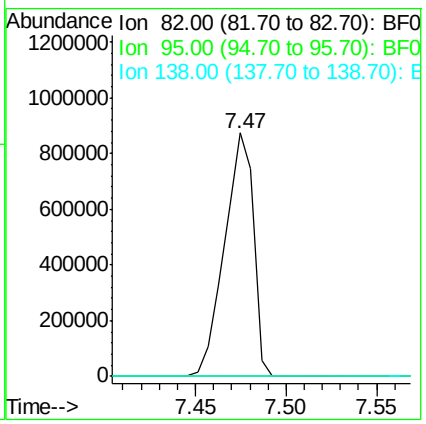


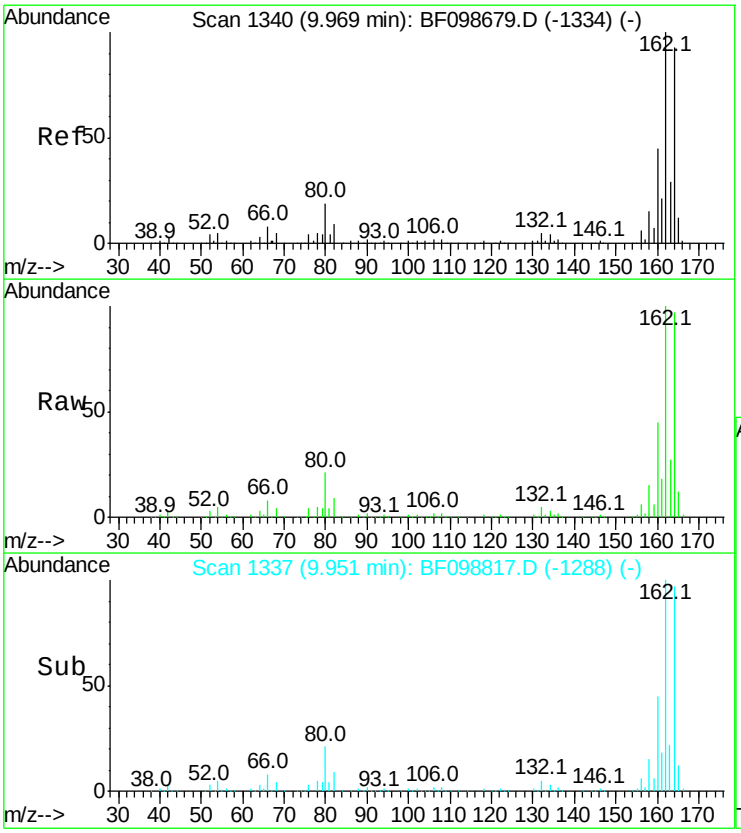
#25
Isophorone
Concen: 53.608 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 968215

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

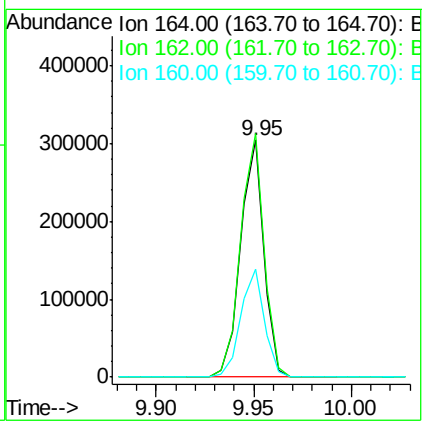


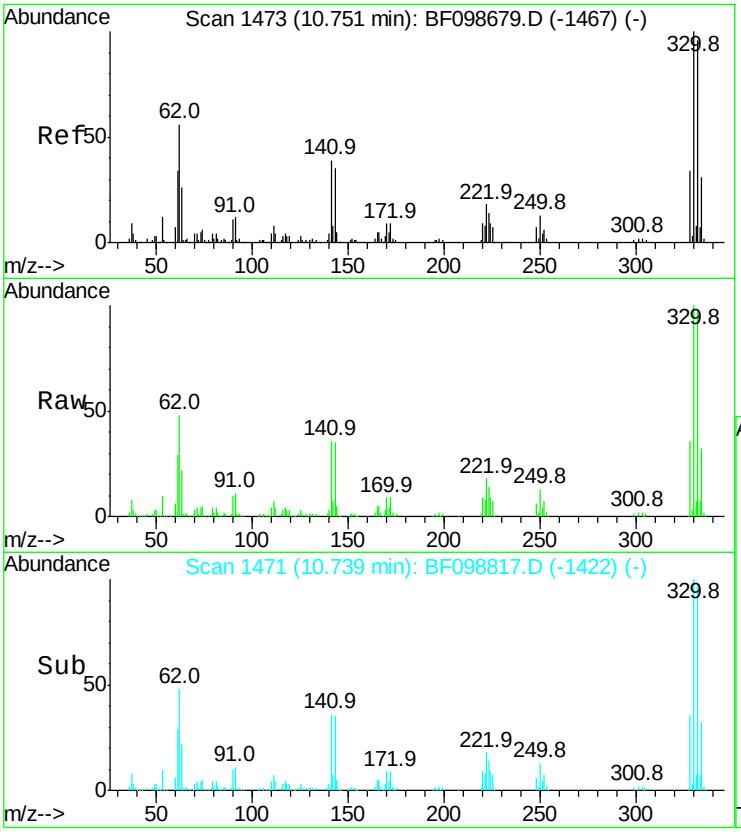


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:164 Resp: 250247

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.8	38.3	57.5



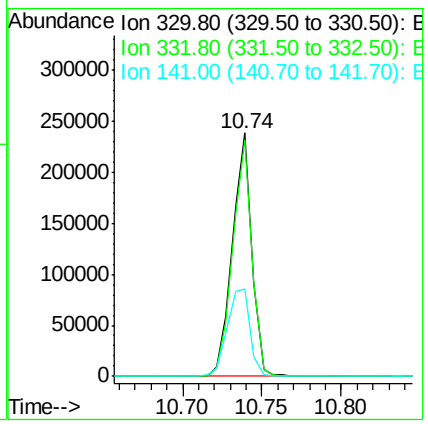


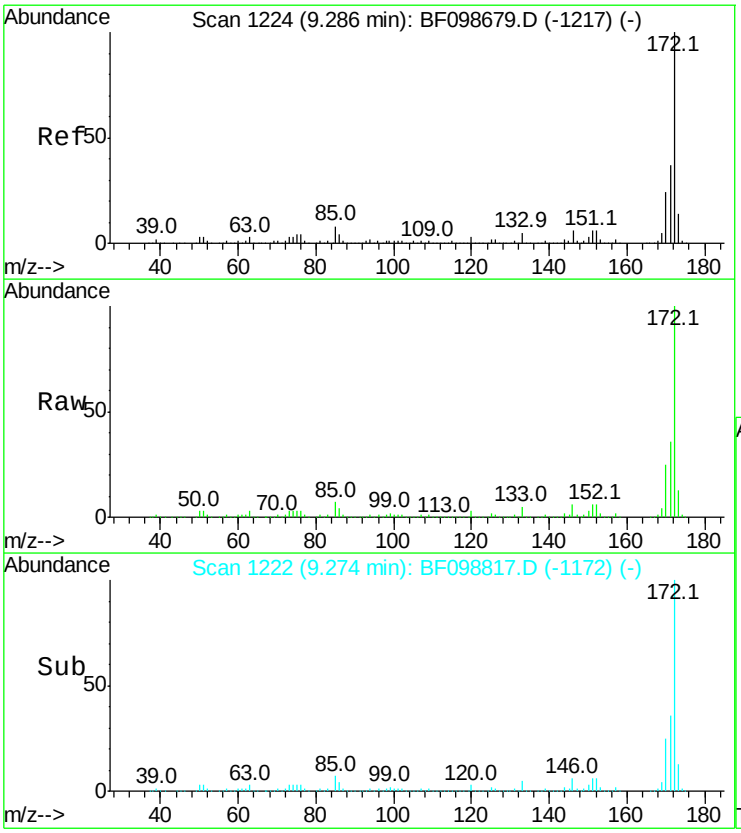
#41
2,4,6-Tribromophenol
Concen: 99.154 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 203037

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	42.2	29.9	44.9

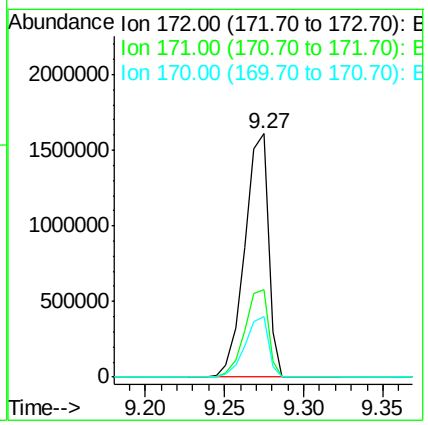


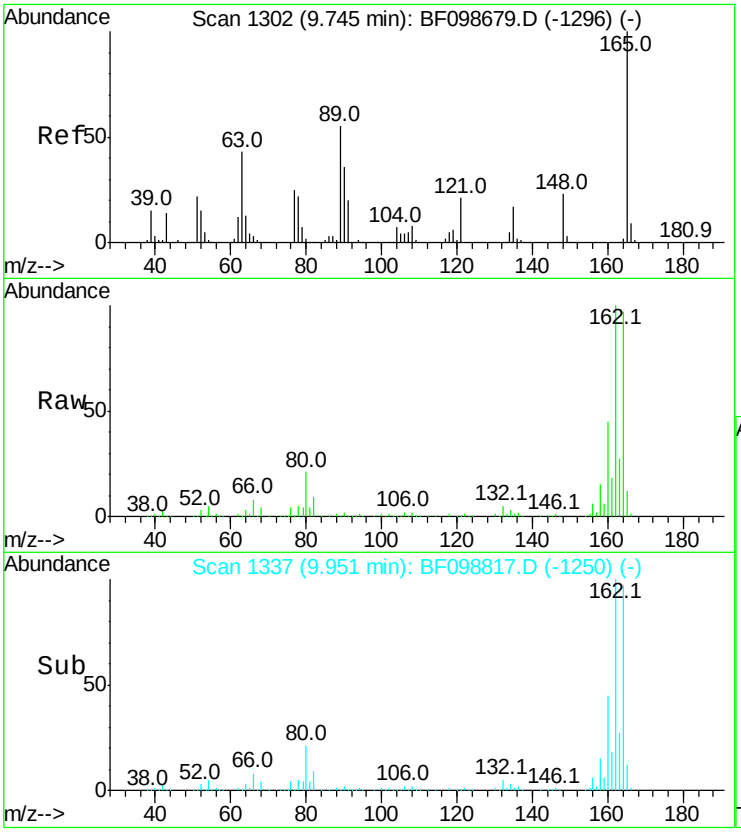


#44
2-Fluorobiphenyl
Concen: 110.712 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:172 Resp: 1659582

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4



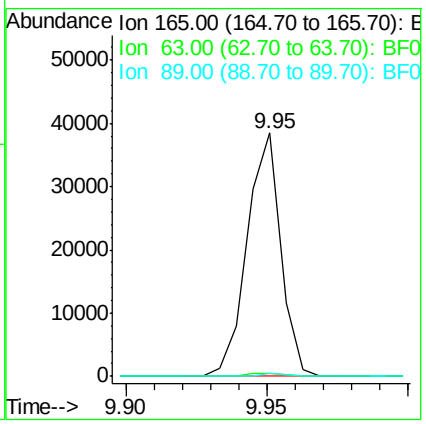


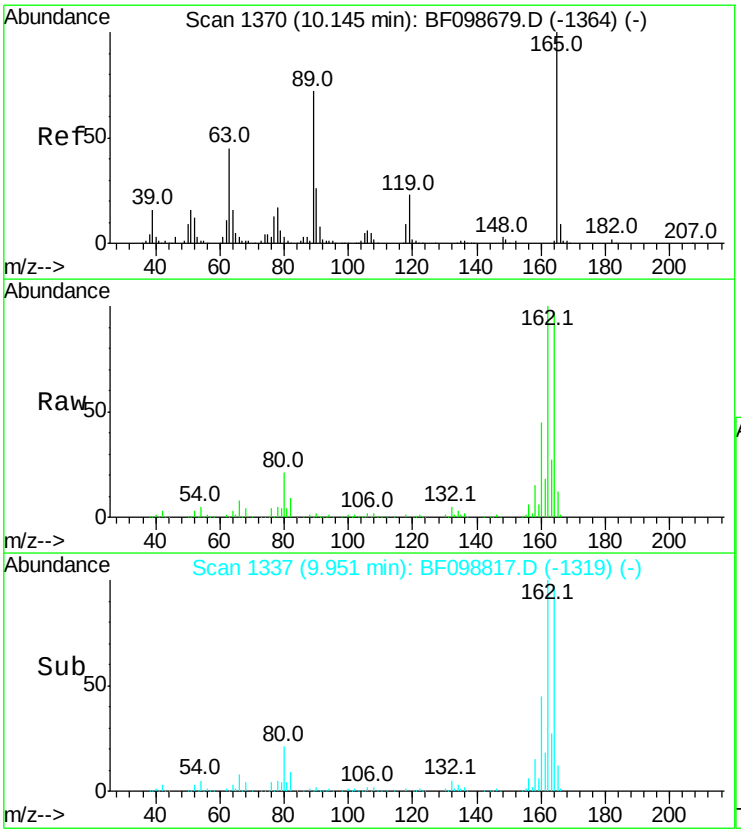
#50
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31788

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

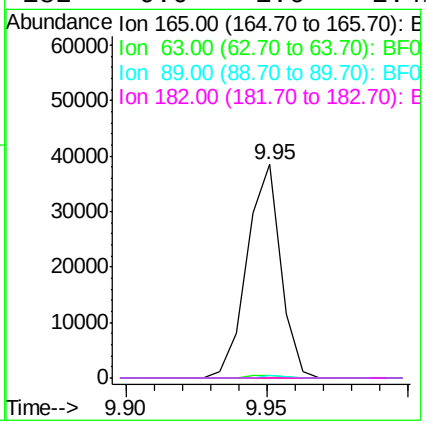


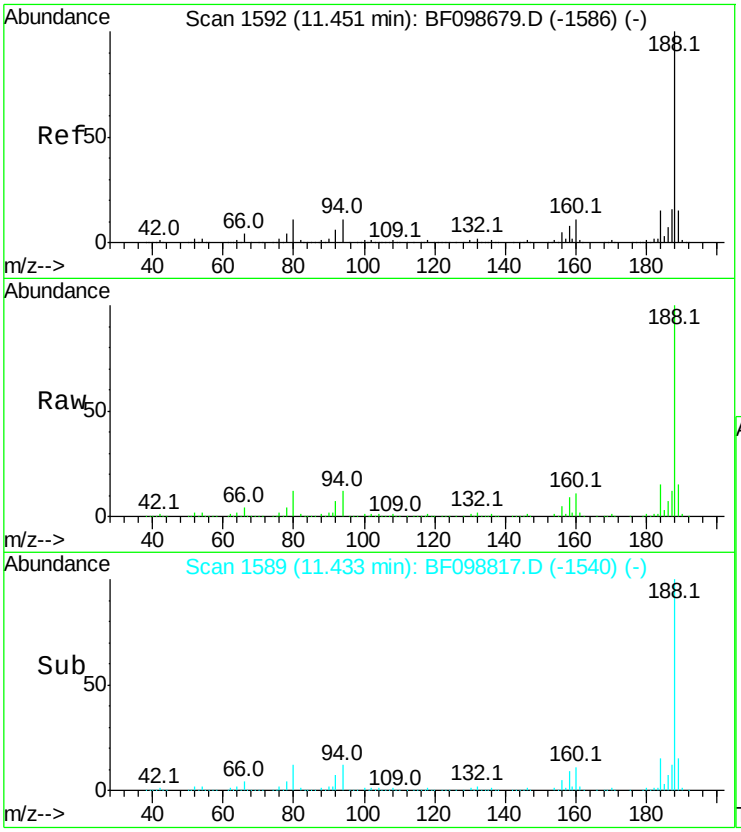


#56
2,4-Dinitrotoluene
Concen: 5.957 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:165 Resp: 31788

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



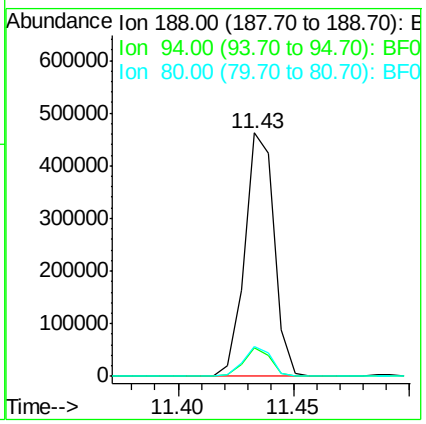


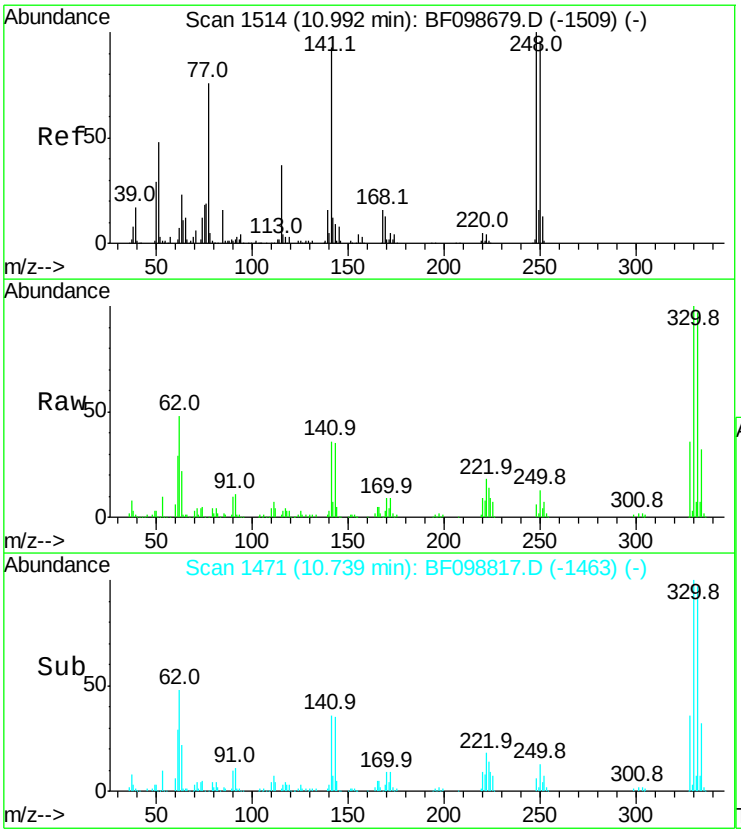
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 411887

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.4	9.2	13.8

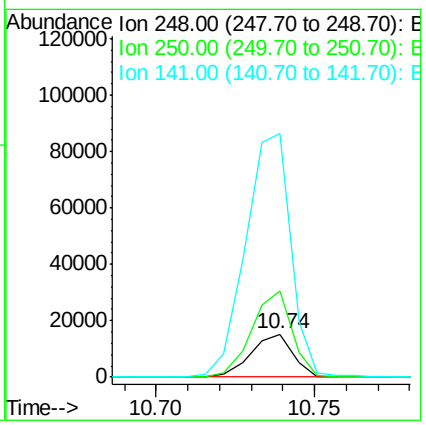


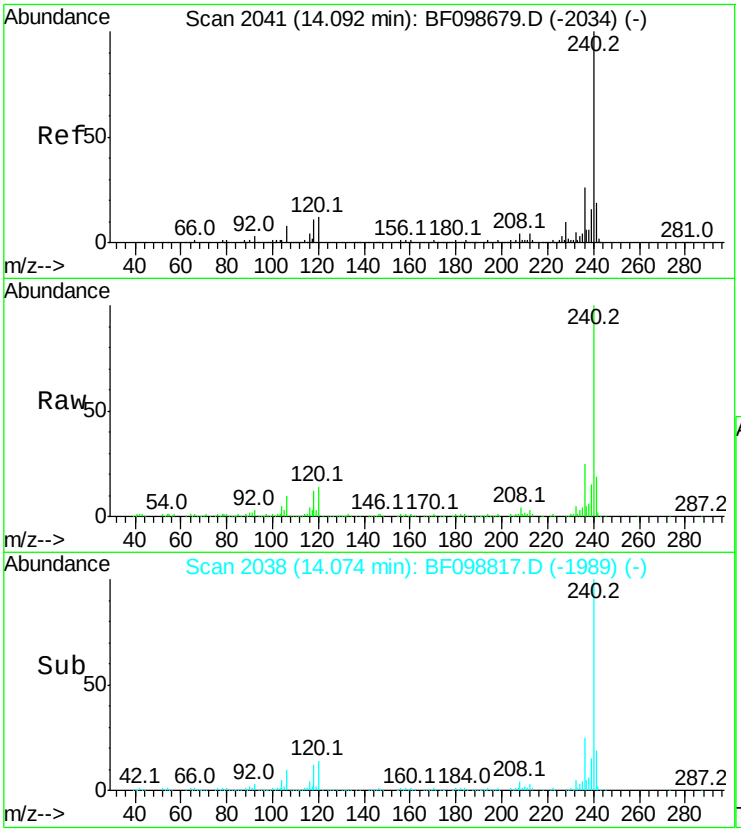


#66
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:248 Resp: 13888

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	564.0	74.4	111.6#



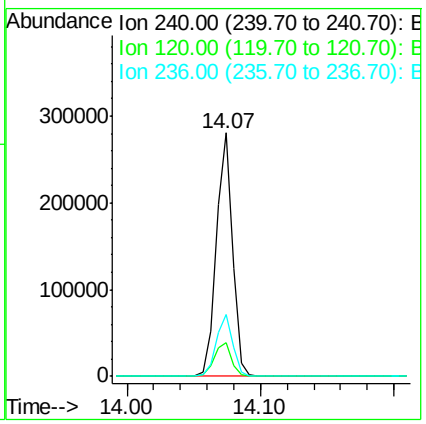


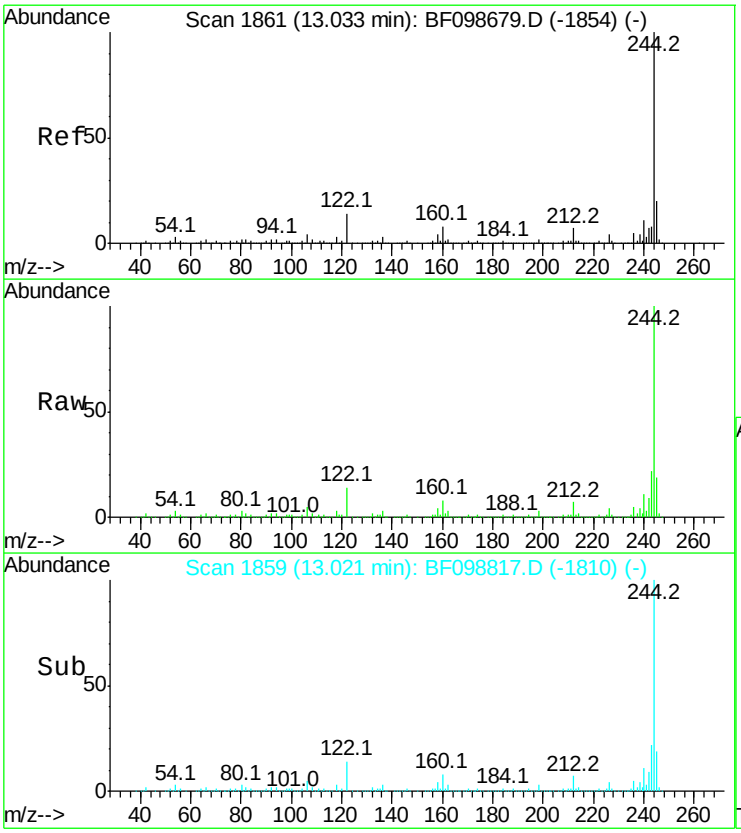
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 241288

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.3	20.7	31.1

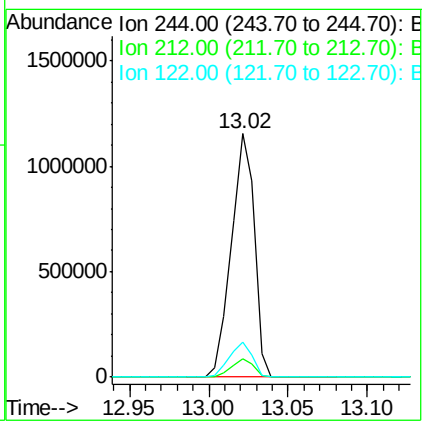


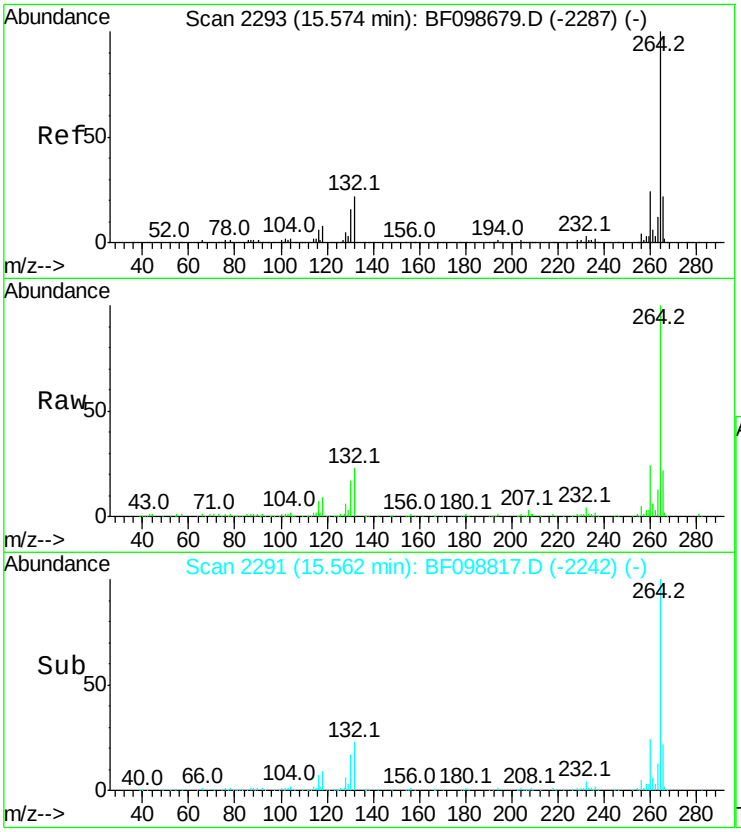


#78
Terphenyl-d14
Concen: 109.372 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Tgt Ion:244 Resp: 1160417

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098817.D
Acq: 26 Sep 2017 8:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 226478

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3