Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087778.D
Acq On : 7 Jun 2016 6:28
Operator : UM/SJ
Sample : H3349-03RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-060216DL

Quant Time: Jun 07 06:52:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	96686	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	391107	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	150419	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	246697	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	197740	20.00	ng		-0.02
86) Perylene-d12	15.42	264	141645	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.47	99	7424	0.99	ng		-0.02
23) Nitrobenzene-d5	7.40	82	22195	3.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	4702	3.11	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	57002	4.73	ng		-0.02
78) Terphenyl-d14	12.95	244	34887	4.31	ng		-0.02
Target Compounds							Qvalue
6) Aniline	6.51	93	897377	84.39	ng		97
9) Benzaldehyde	6.51	77	11081	2.18	ng	#	1
10) Phenol	6.51	94	64833	7.59	ng	#	1
11) bis(2-Chloroethyl)ether	6.51	93	897377	144.58	ng	#	20
13) 1,4-Dichlorobenzene	6.87	146	100772	13.63	ng		97
14) 1,2-Dichlorobenzene	6.87	146	100772	14.54	ng		96
50) 2,6-Dinitrotoluene	9.88	165	19040	7.65	ng	#	37
56) 2,4-Dinitrotoluene	9.88	165	19041	6.01	ng	#	36

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Jun 2016 6:28
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ALS Vial : 33 Sample Multiplier: 1

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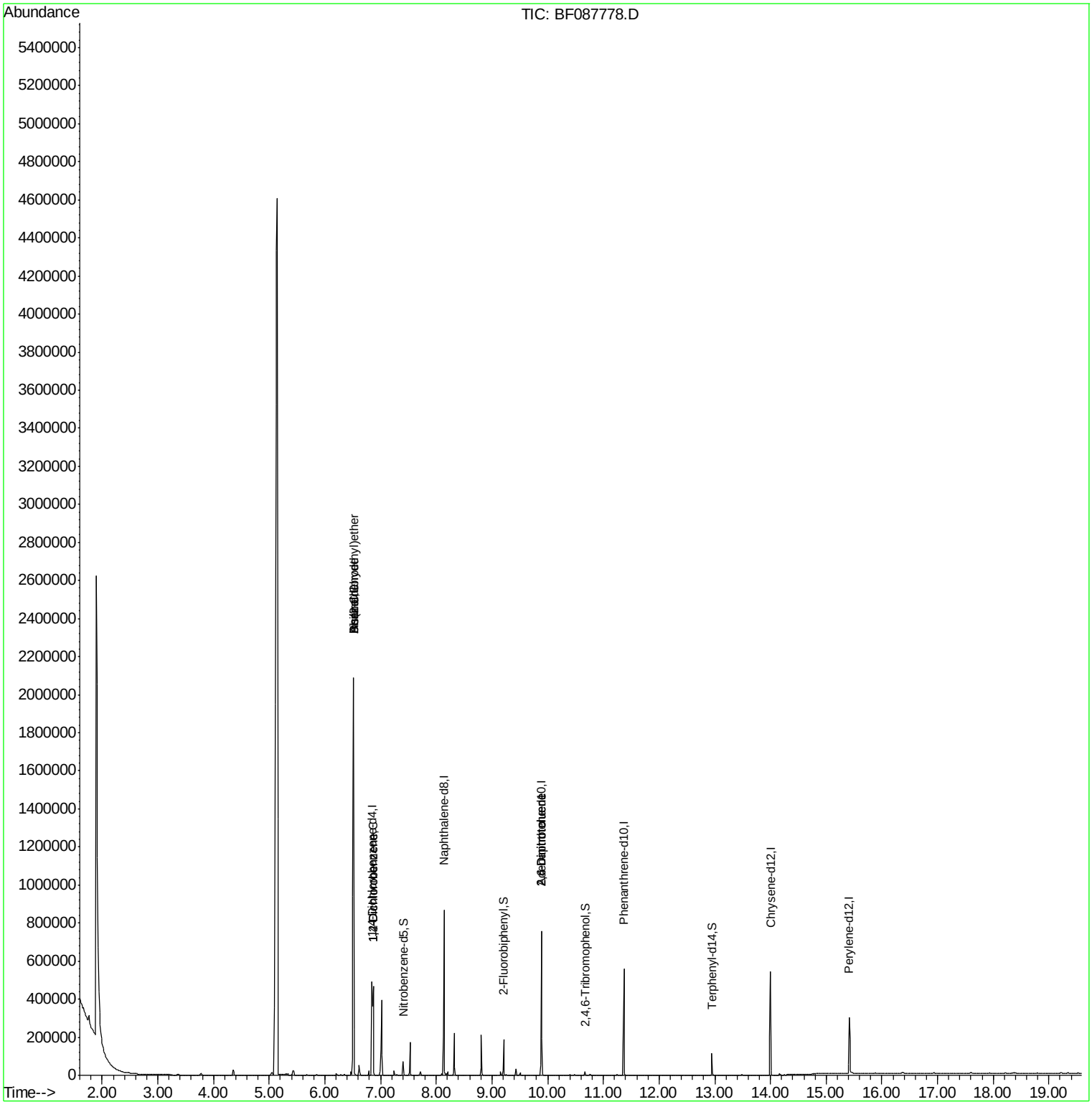
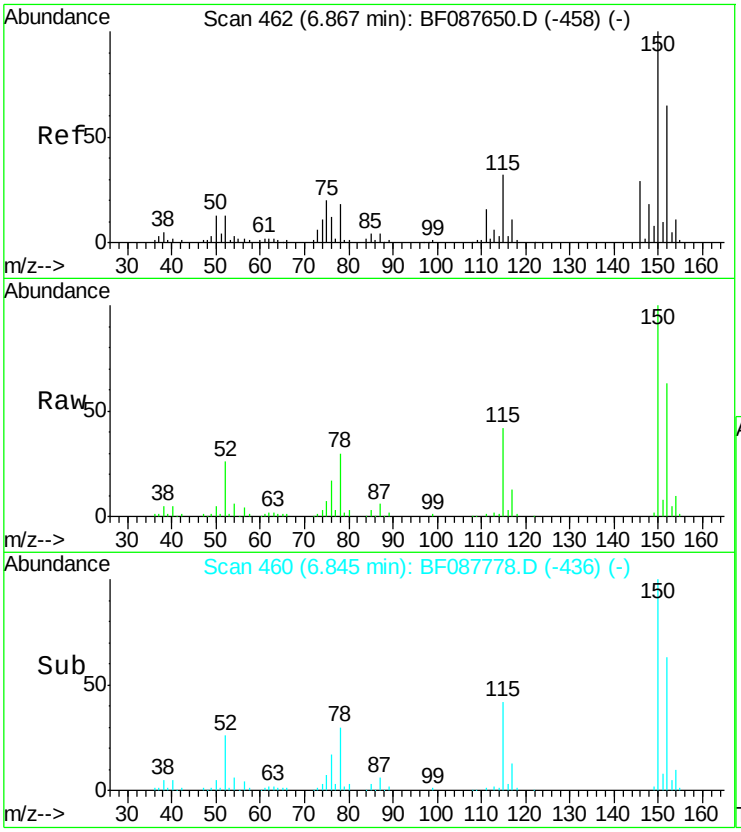


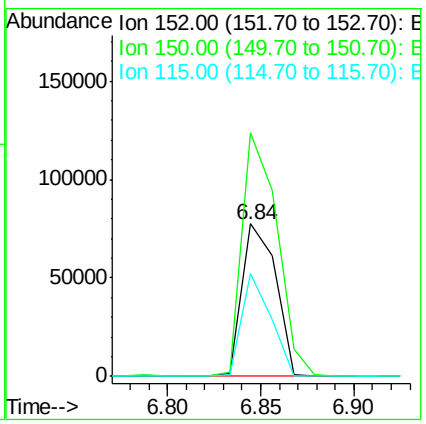


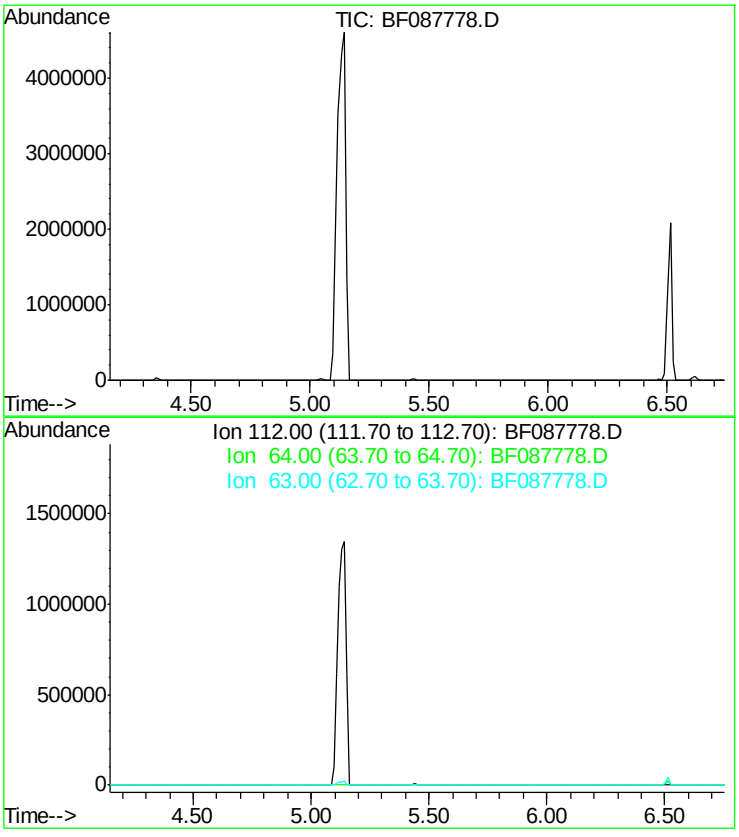
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion:152 Resp: 96686

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	67.3	39.6	59.4#



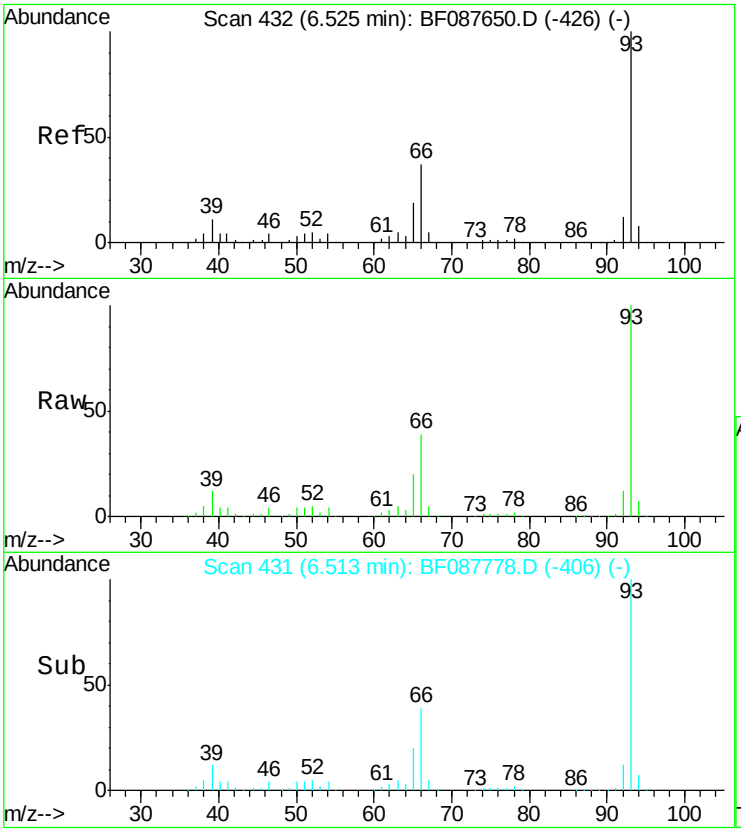


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.45 min

Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.7
63	27.3

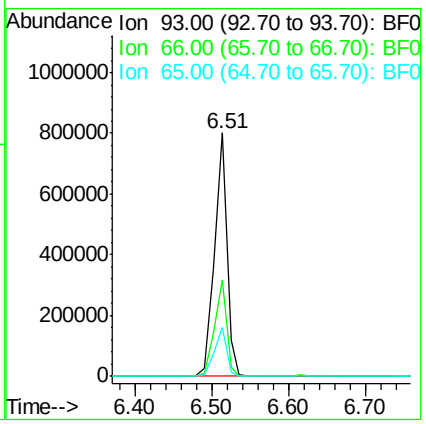


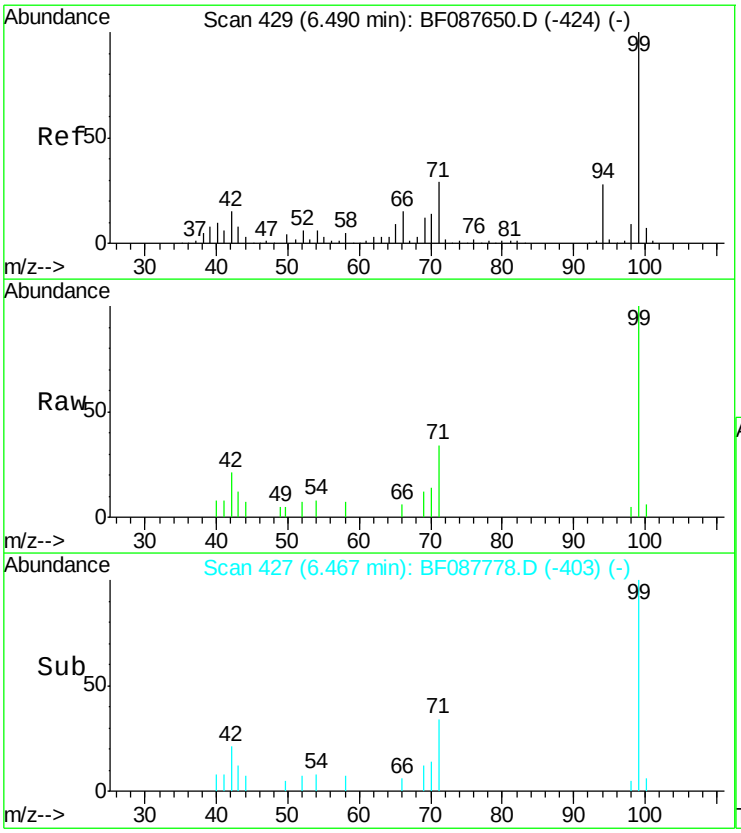
#6
Aniline
Concen: 84.39 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion: 93 Resp: 897377

Ion	Ratio	Lower	Upper
93	100		
66	39.4	29.8	44.8
65	20.1	14.9	22.3

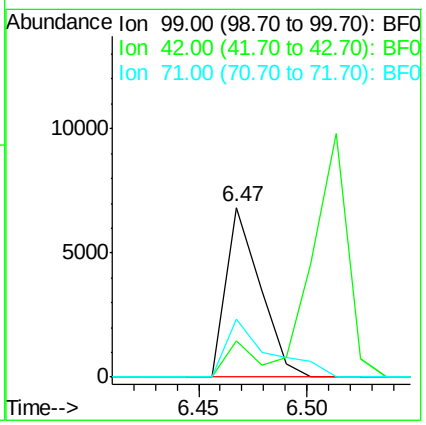


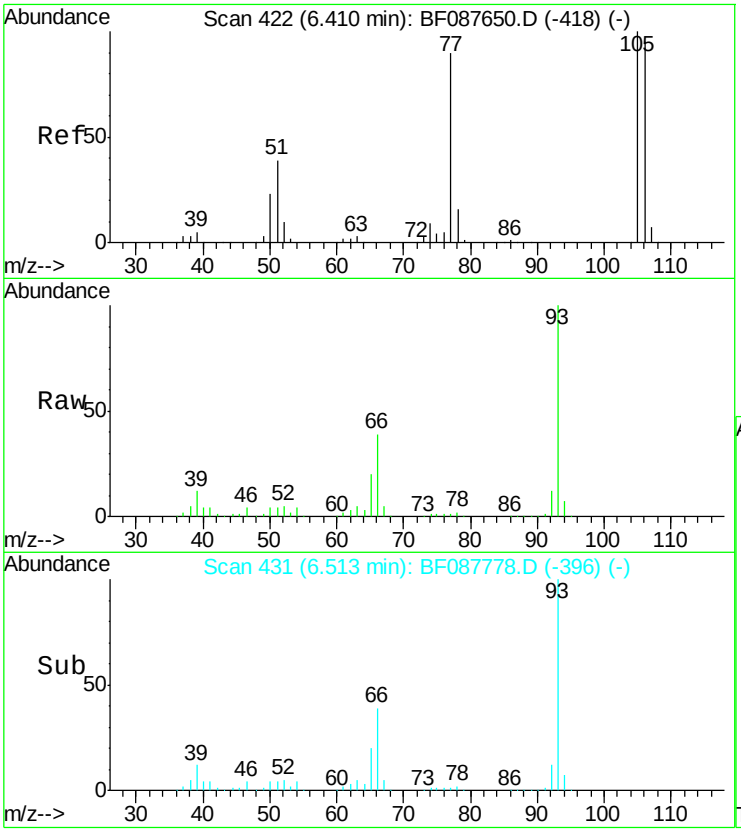


#7
Phenol-d6
Concen: 0.99 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion: 99 Resp: 7424

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.2	18.2#
71	34.1	23.4	35.0



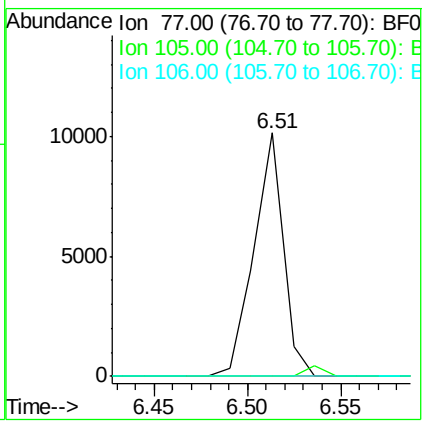


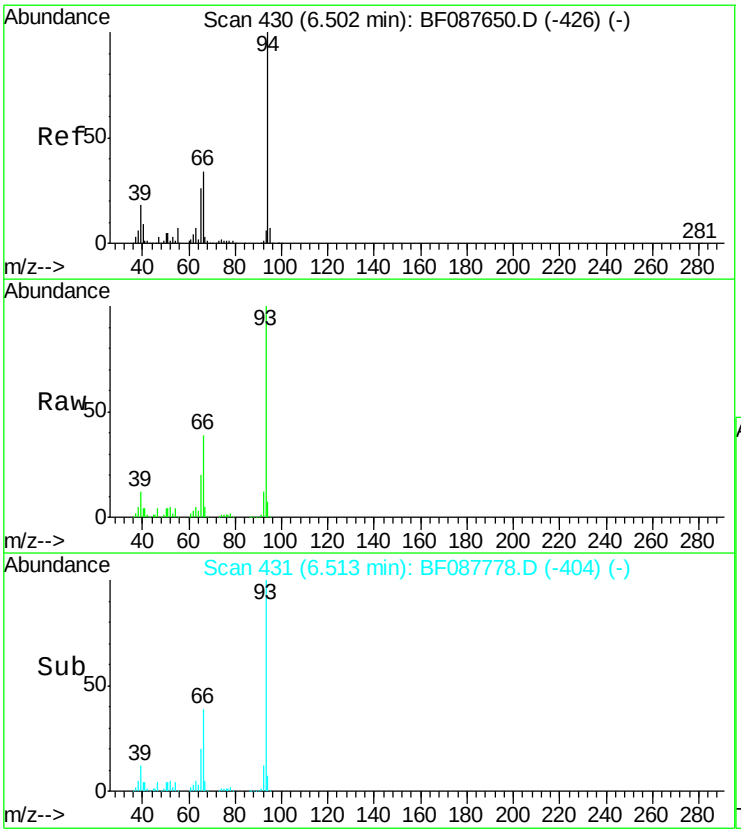
#9
Benzaldehyde
Concen: 2.18 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.10 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion: 77 Resp: 11081

Ion	Ratio	Lower	Upper
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#

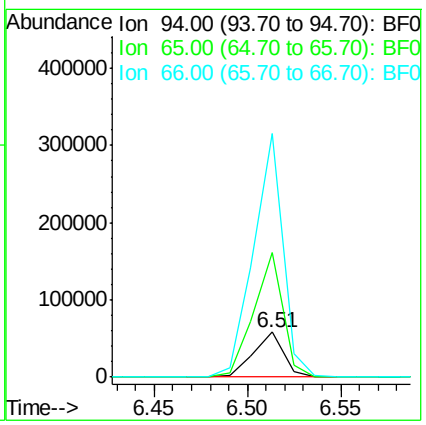


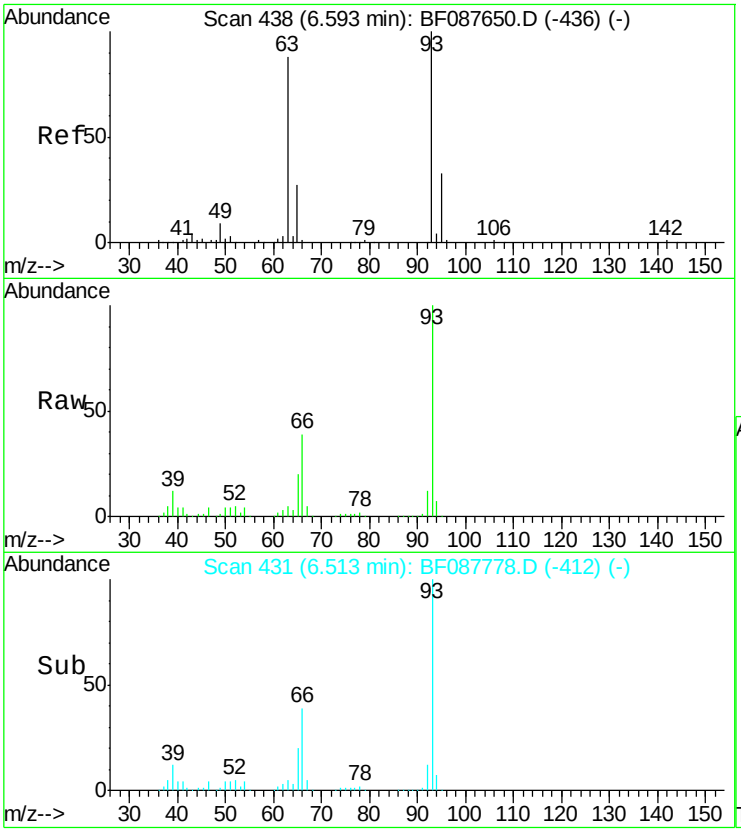


#10
Phenol
Concen: 7.59 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion: 94 Resp: 64833

Ion	Ratio	Lower	Upper
94	100		
65	275.1	5.9	45.9#
66	539.9	14.0	54.0#



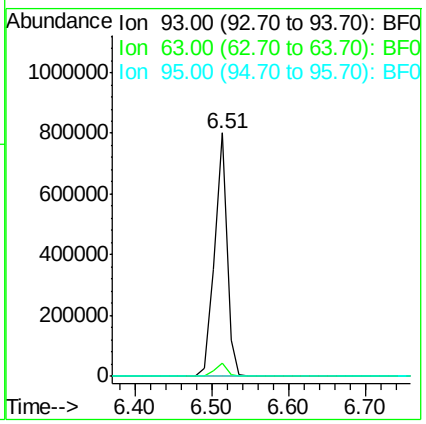


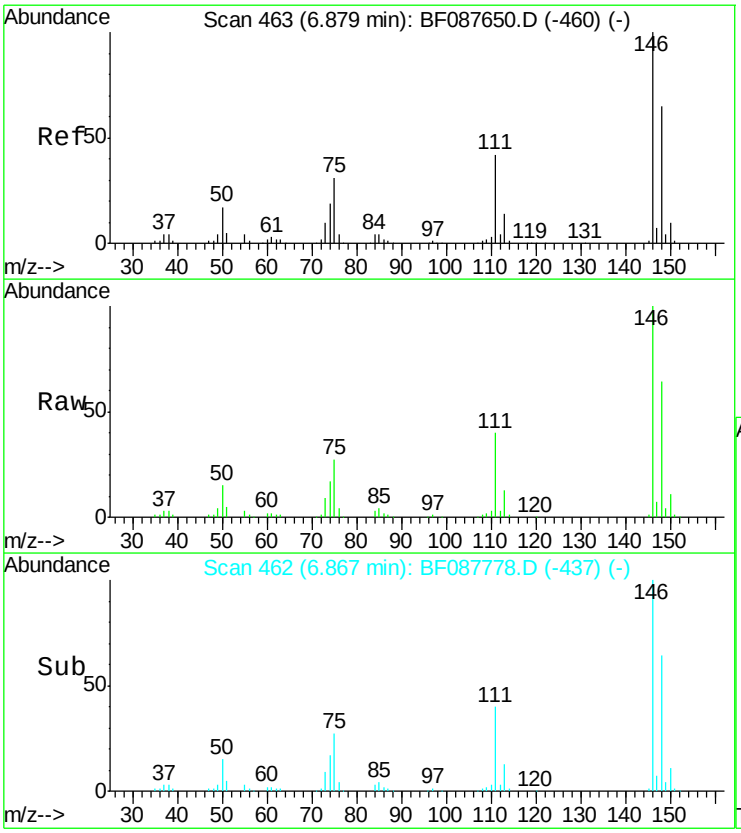
#11
bis(2-Chloroethyl)ether
Concen: 144.58 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.08 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion: 93 Resp: 897377

Ion	Ratio	Lower	Upper
93	100		
63	5.3	67.6	107.6#
95	0.2	12.5	52.5#

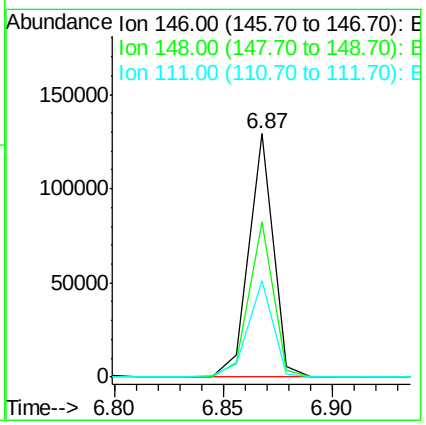


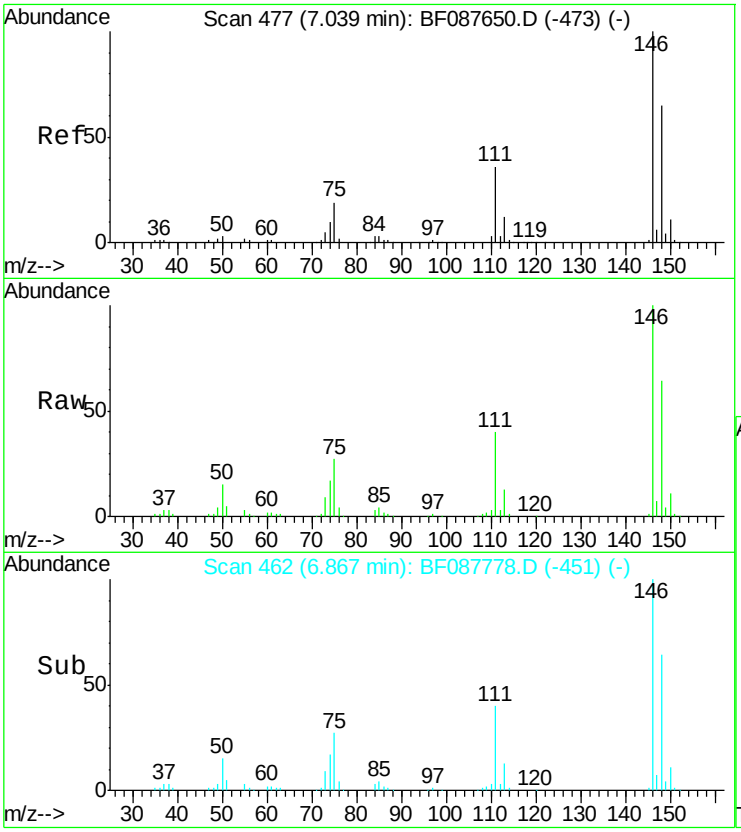


#13
1,4-Dichlorobenzene
Concen: 13.63 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:146 Resp: 100772

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	39.6	33.8	50.8



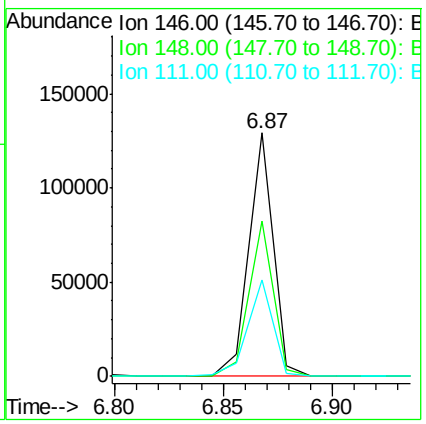


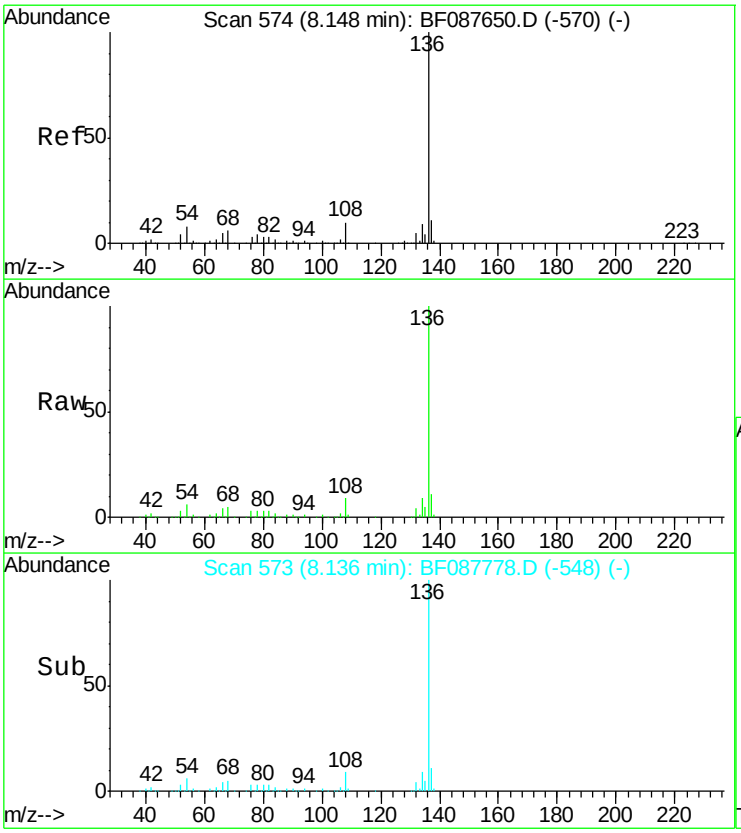
#14
1,2-Dichlorobenzene
Concen: 14.54 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.17 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion:146 Resp: 100772

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	39.6	28.7	43.1

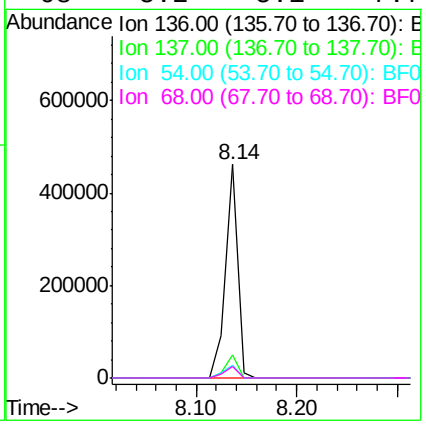


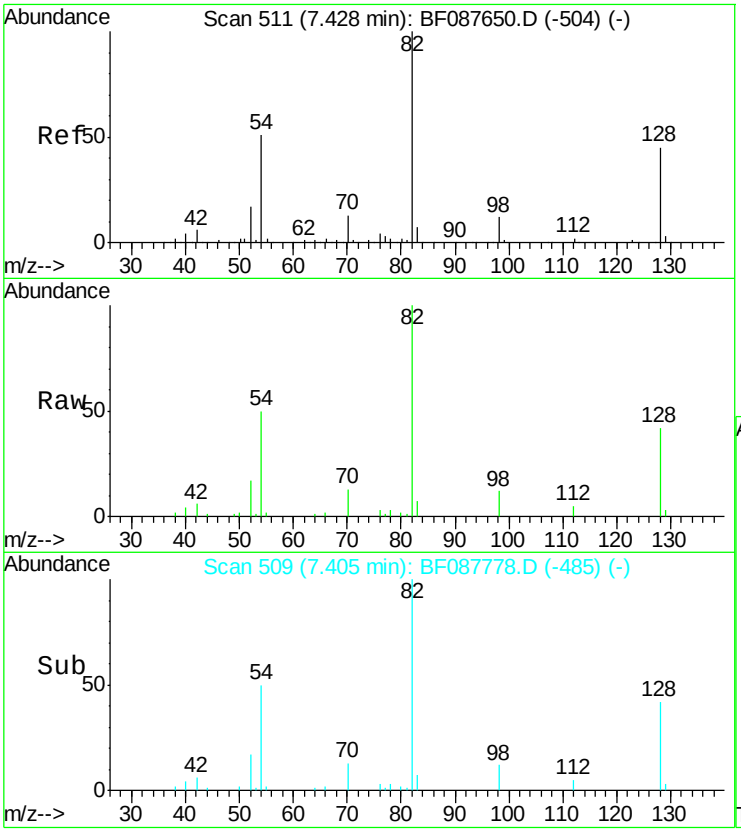


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:136 Resp: 391107

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	6.6	10.0#
68	5.2	5.1	7.7



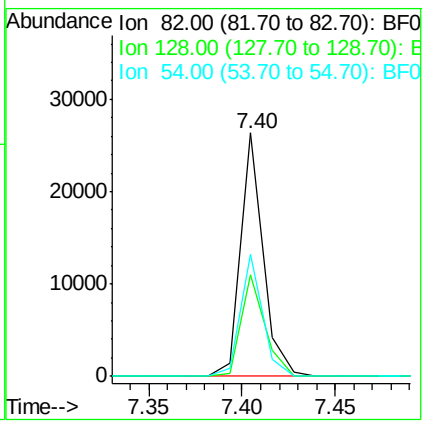


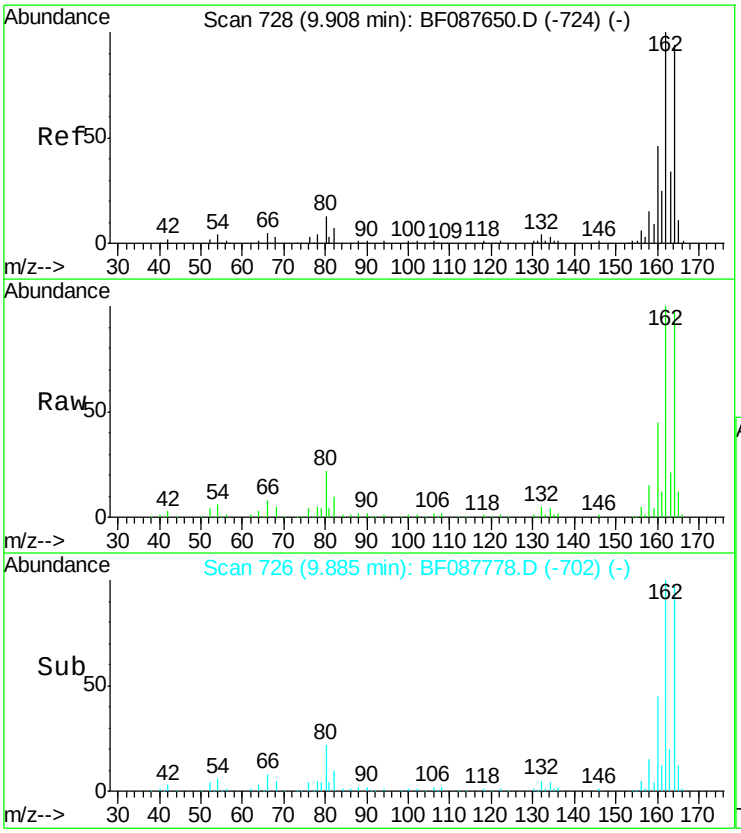
#23
Nitrobenzene-d5
Concen: 3.28 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion: 82 Resp: 22195

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.9	53.9
54	49.9	40.9	61.3

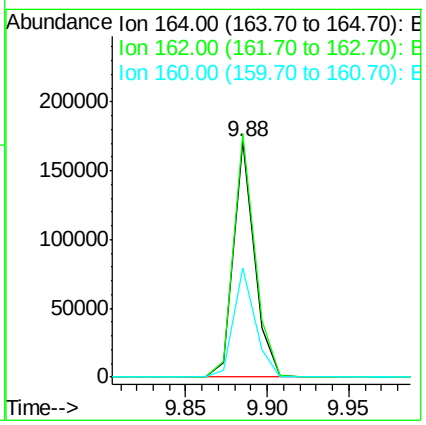


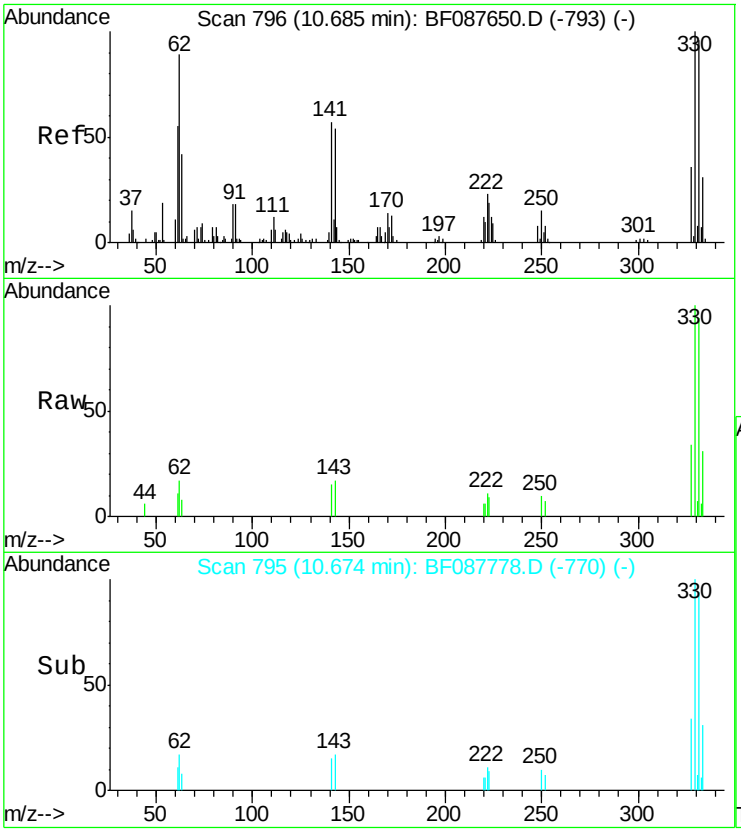


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:164 Resp: 150419

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	46.5	39.5	59.3



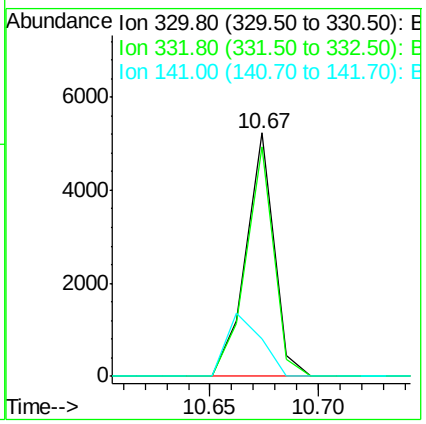


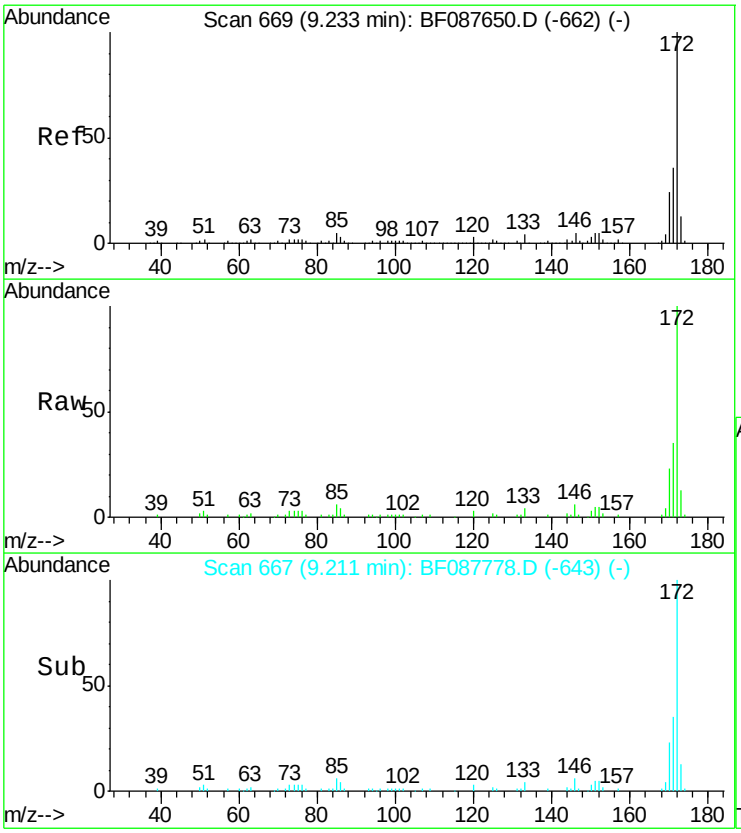
#41
2,4,6-Tribromophenol
Concen: 3.11 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion:330 Resp: 4702

Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	31.6	0.0	0.0#

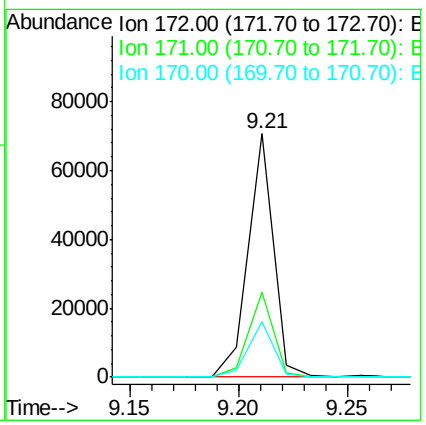


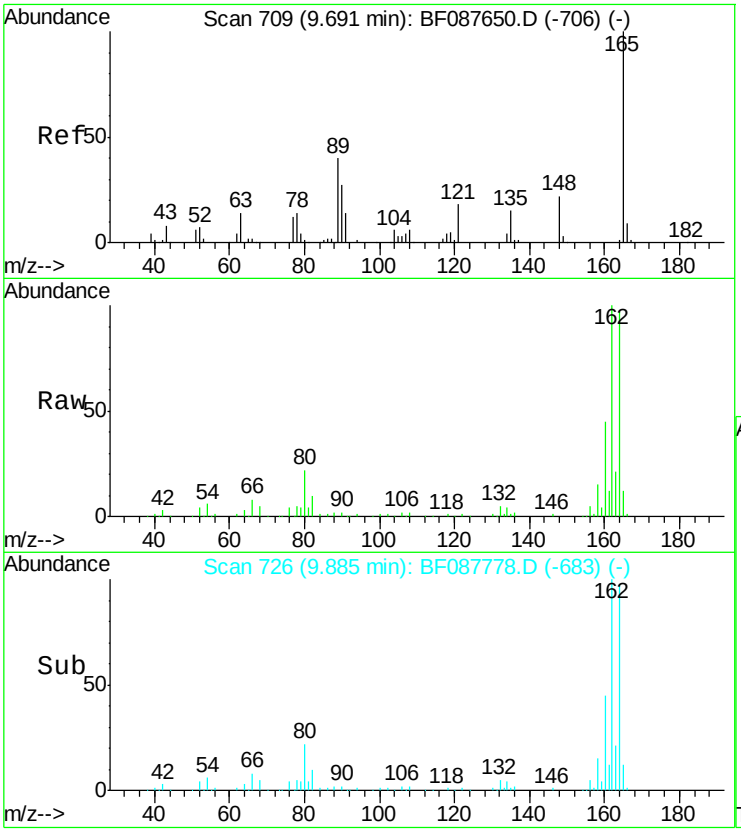


#44
2-Fluorobiphenyl
Concen: 4.73 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:172 Resp: 57002

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.8	19.2	28.8



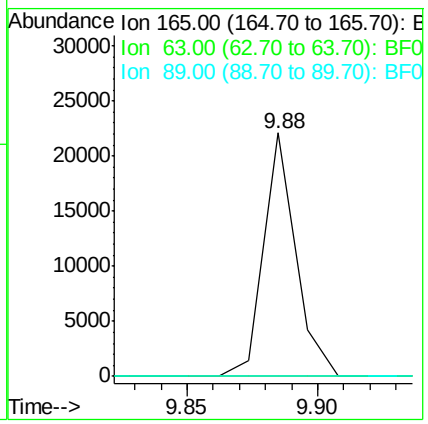


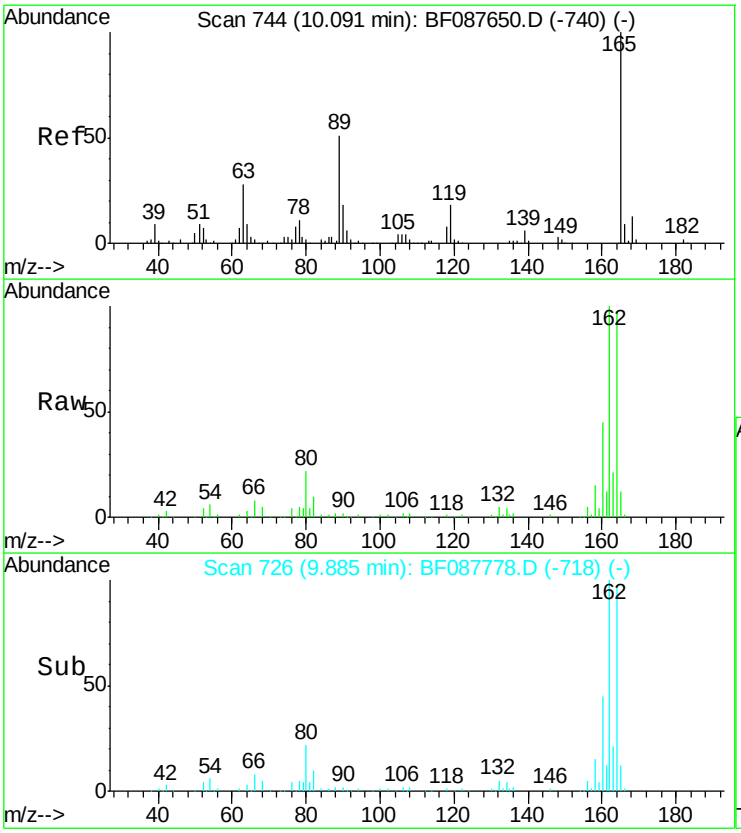
#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.19 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion:165 Resp: 19040

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

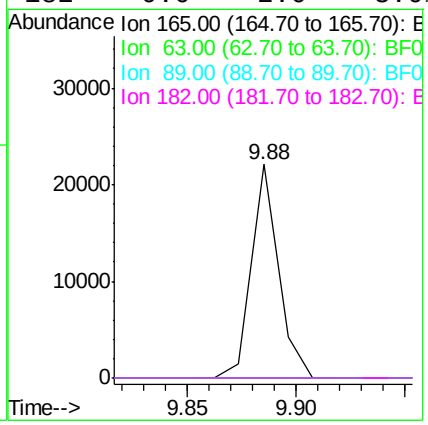


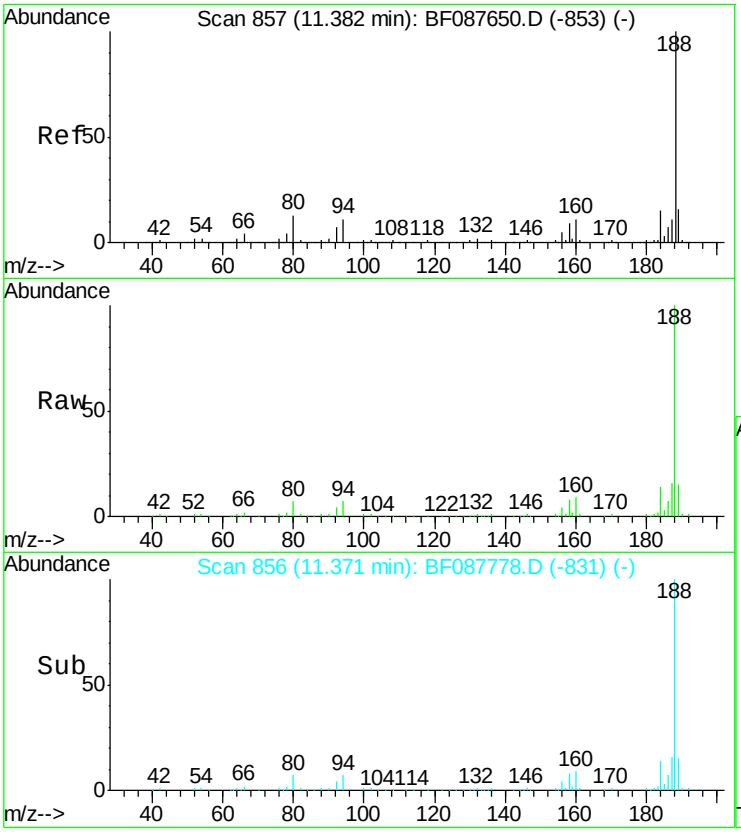


#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.21 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:165 Resp: 19041

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



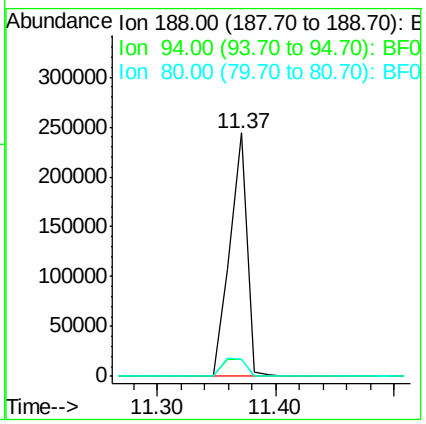


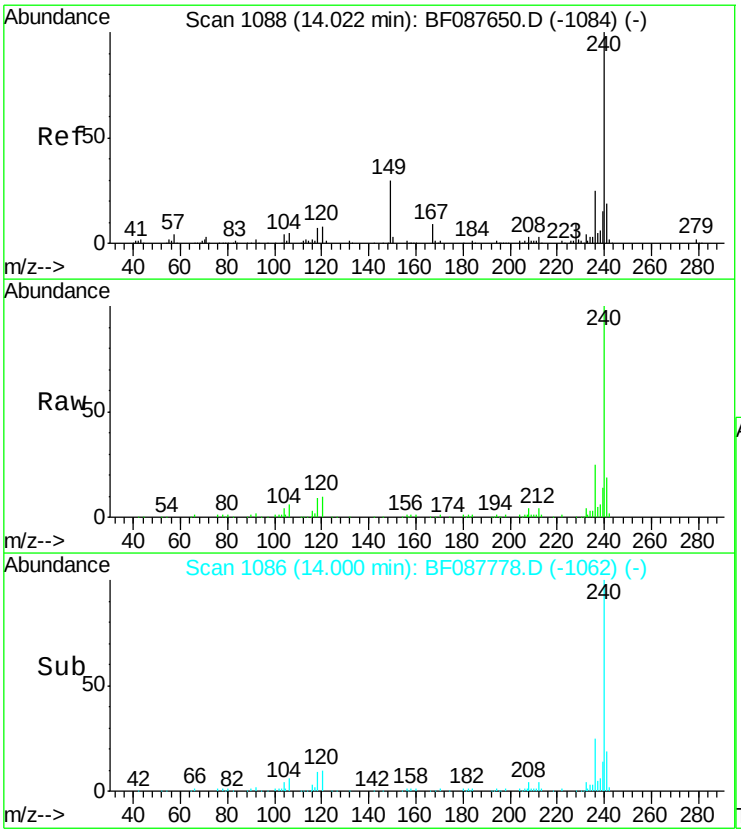
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion:188 Resp: 246697

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.1	10.0	15.0#

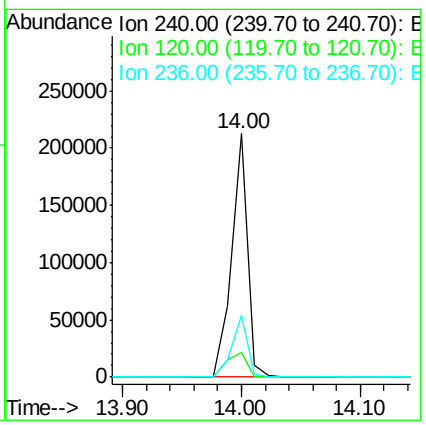


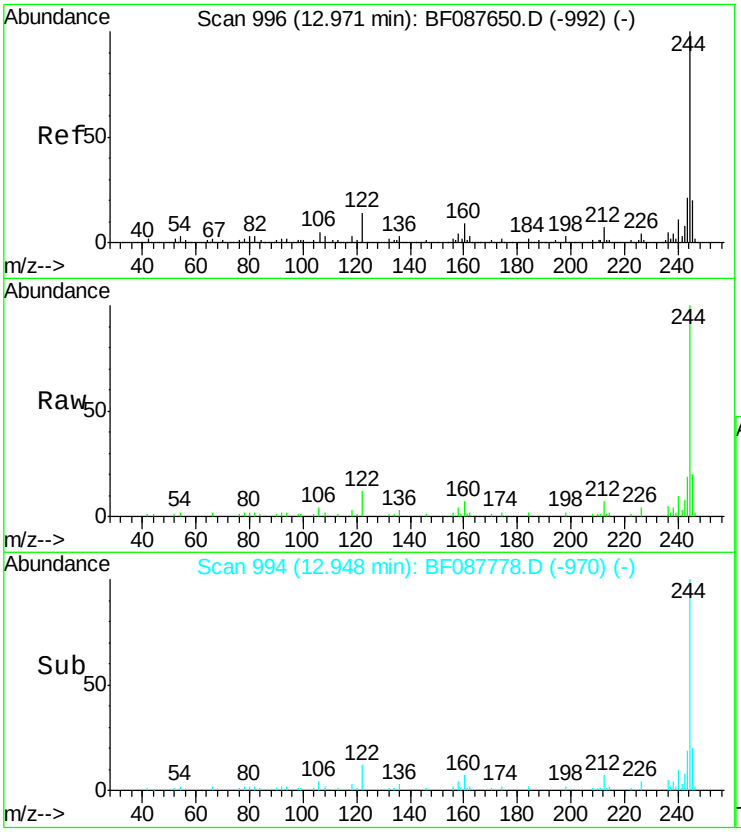


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:240 Resp: 197740

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.8	10.2
236	25.4	20.2	30.2



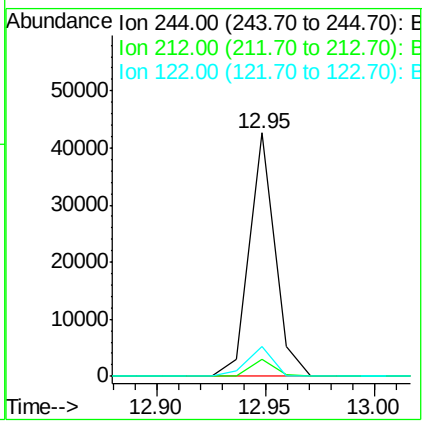


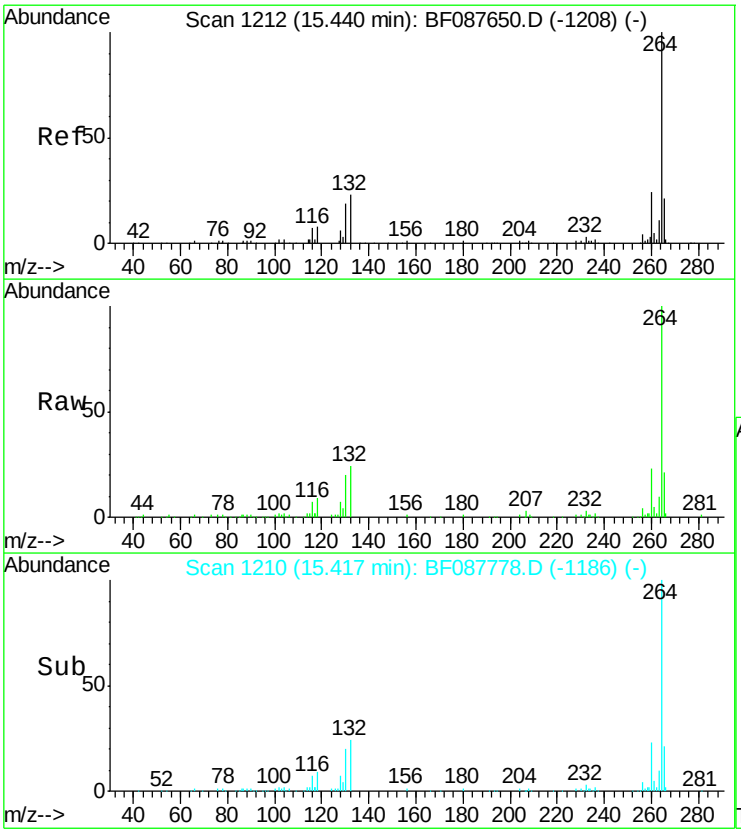
#78
Terphenyl-d14
Concen: 4.31 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tgt Ion:244 Resp: 34887

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.4	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion:264 Resp: 141645

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3