

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088078.D
 Acq On : 16 Jun 2016 16:24
 Operator : UM/SJ
 Sample : H3570-19RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMPARE

Quant Time: Jun 16 17:31:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	90959	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	359621	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	164226	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	320304	20.00	ng	0.00
75) Chrysene-d12	13.86	240	277261	20.00	ng	0.00
86) Perylene-d12	15.25	264	215177	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	141040	26.51	ng	0.00
7) Phenol-d6	6.35	99	229908	35.65	ng	-0.01
23) Nitrobenzene-d5	7.28	82	114646	18.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	105720	60.97	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	360579	30.97	ng	0.00
78) Terphenyl-d14	12.81	244	613079	50.32	ng	-0.01

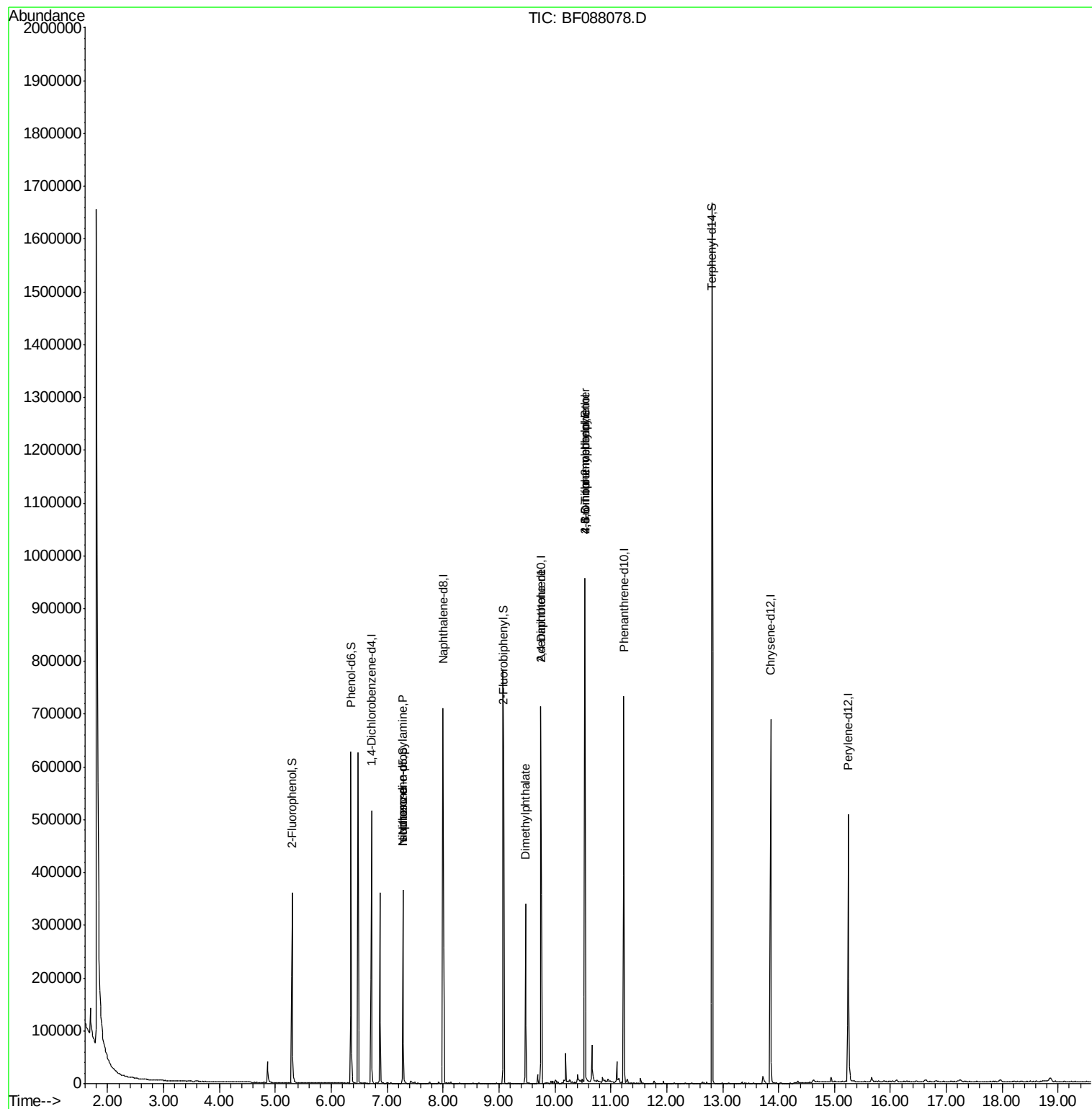
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	1835	Below Cal	#	42
19) n-Nitroso-di-n-propylamine	7.28	70	14045	3.40	ng	73
25) Isophorone	7.28	82	112678	9.88	ng	65
45) 1,1'-Biphenyl	9.07	154	680	Below Cal	#	1
49) Dimethylphthalate	9.47	163	151398	12.73	ng	99
56) 2,4-Dinitrotoluene	9.75	165	21022	6.00	ng	36
57) Fluorene	10.54	166	5848	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	209	2.26	ng	1
66) 4-Bromophenyl-phenylether	10.54	248	7121	2.07	ng	1

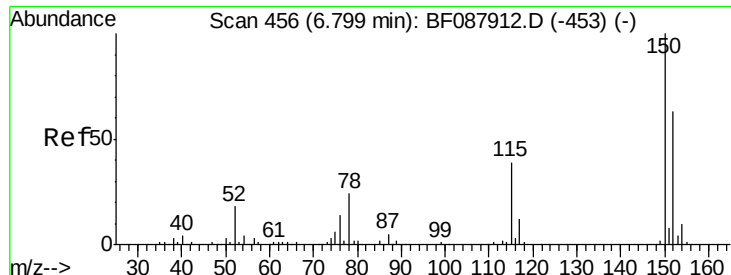
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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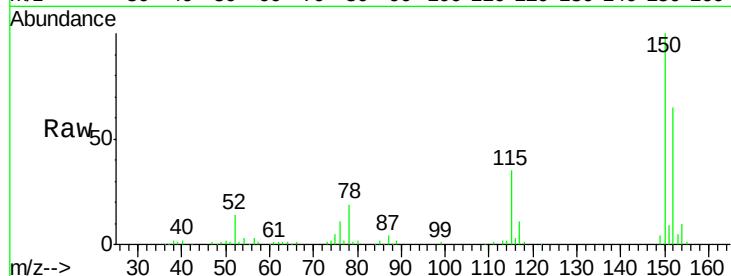


#1

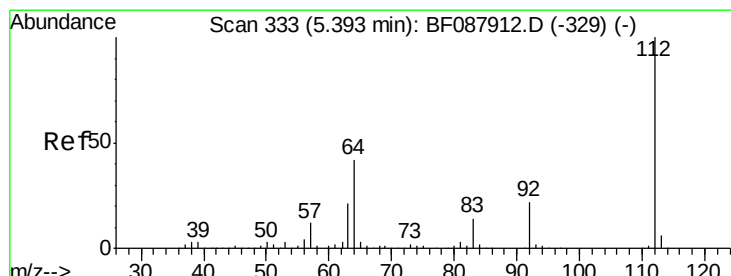
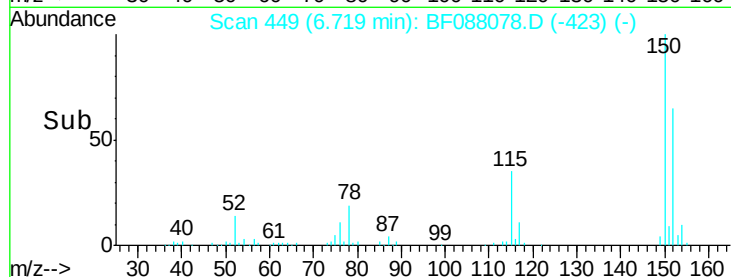
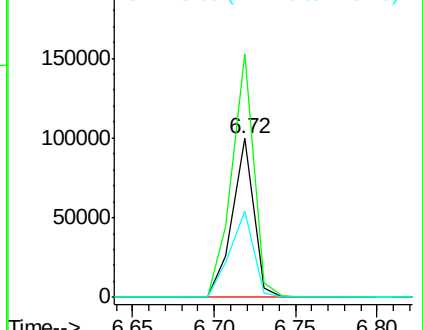
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Instrument :
BNA_F
ClientSampleId :
SB-21-COMPRES

Tgt Ion:152 Resp: 90959
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 54.1 39.6 59.4



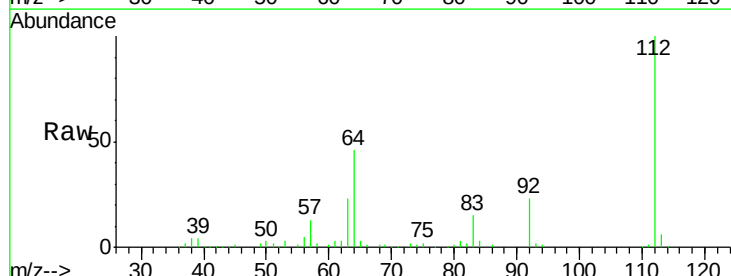
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



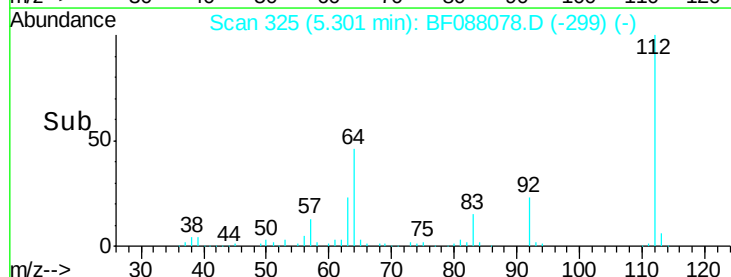
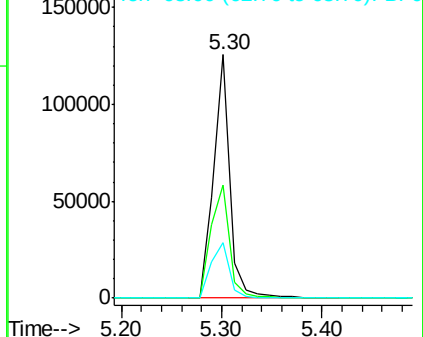
#5

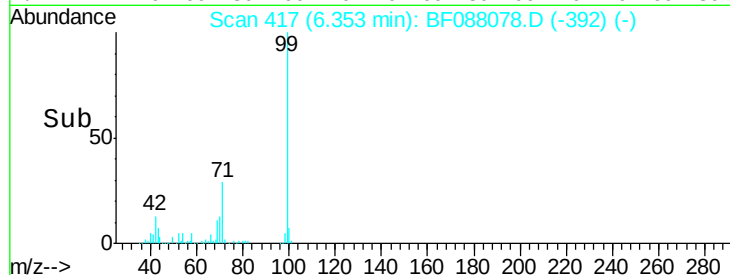
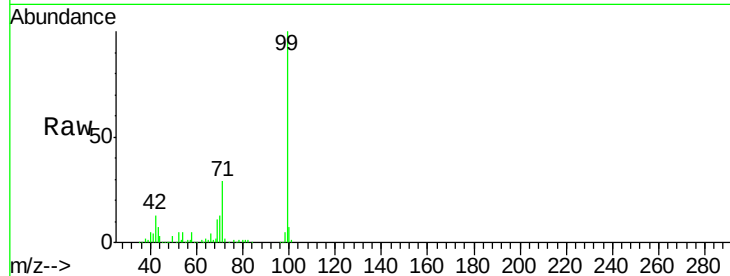
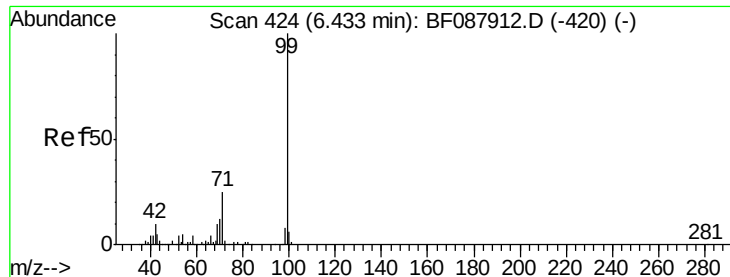
2-Fluorophenol
Concen: 26.51 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Tgt Ion:112 Resp: 141040
Ion Ratio Lower Upper
112 100
64 46.2 42.2 63.2
63 22.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.65 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

Instrument :

BNA_F

ClientSampleId :

SB-21-COMPRES

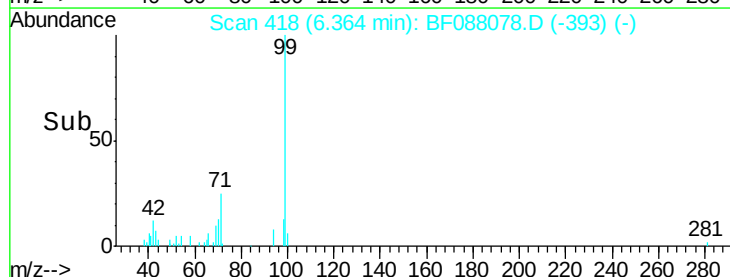
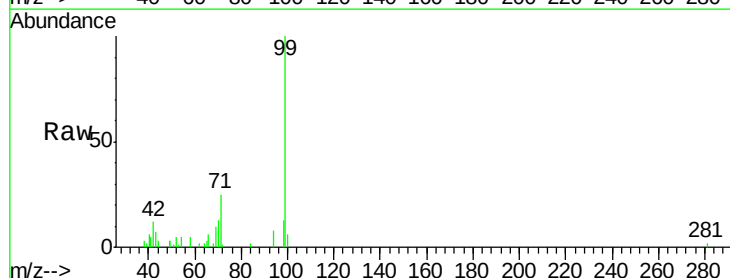
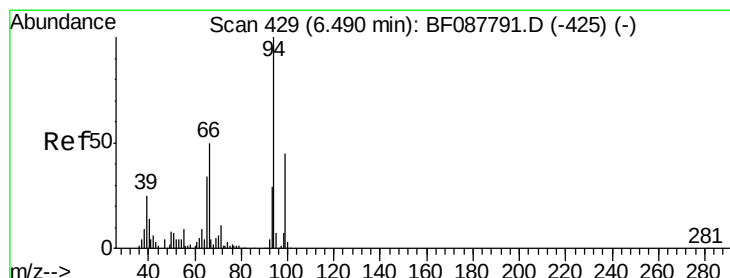
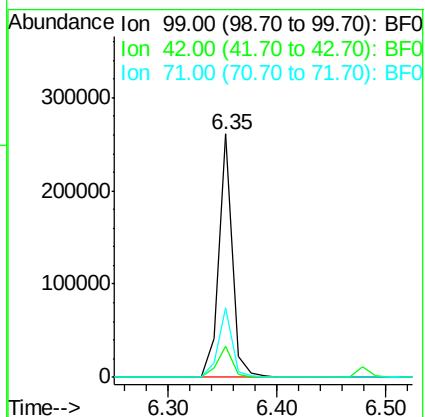
Tgt Ion: 99 Resp: 229908

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.2

71 28.6 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

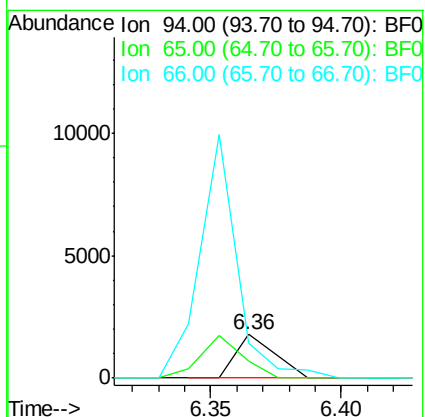
Tgt Ion: 94 Resp: 1835

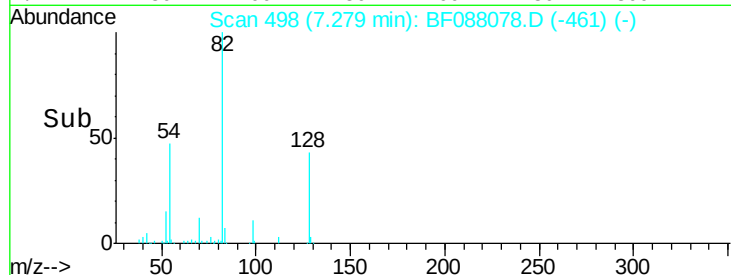
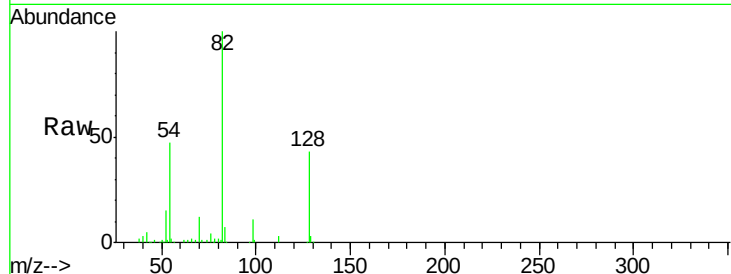
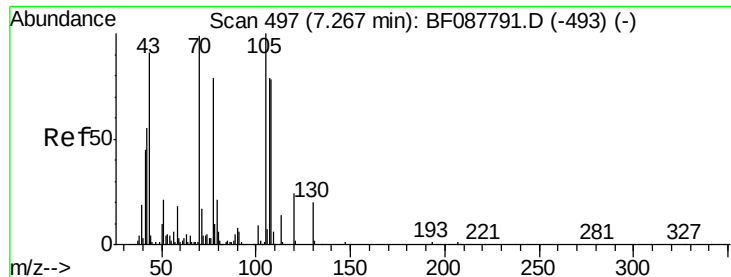
Ion Ratio Lower Upper

94 100

65 40.0 5.9 45.9

66 80.0 14.0 54.0#

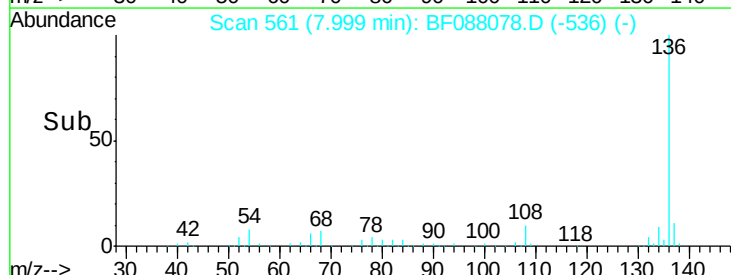
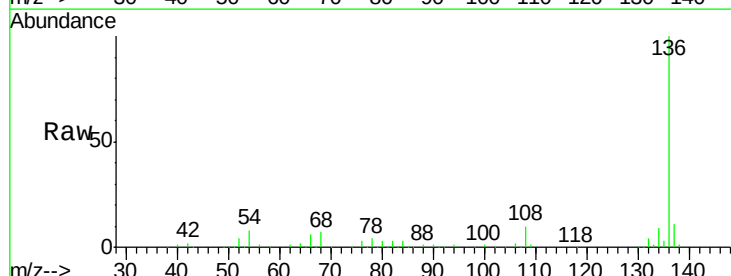
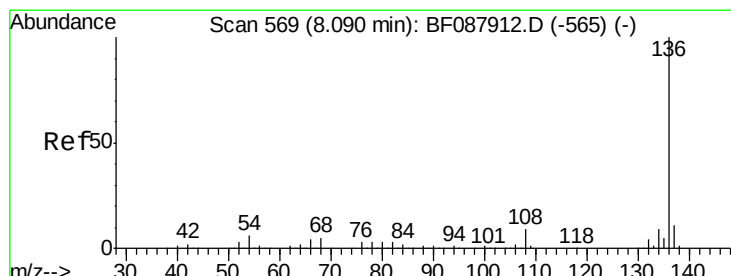
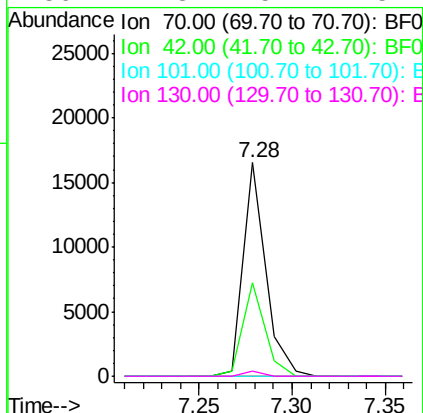




#19
n-Nitroso-di-n-propylamine
Concen: 3.40 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.13 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

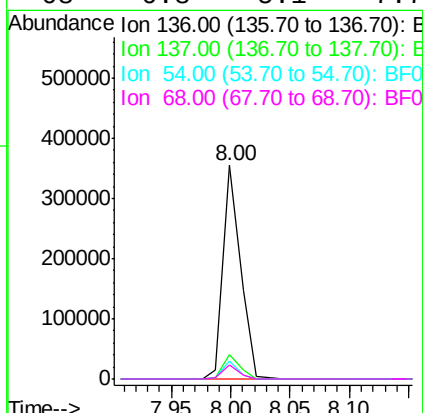
Instrument :
BNA_F
ClientSampleId :
SB-21-COMPRES

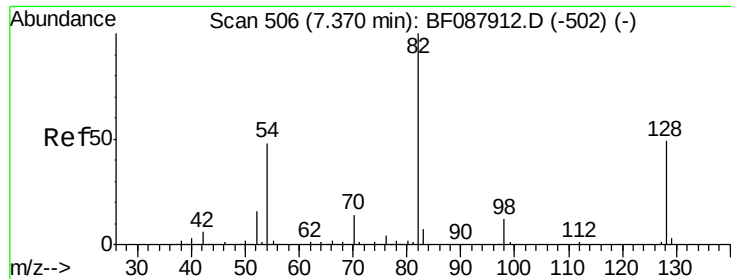
Tgt Ion:	70	Resp:	14045
Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Tgt Ion:	136	Resp:	359621
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.3	6.6	10.0
68	6.8	5.1	7.7

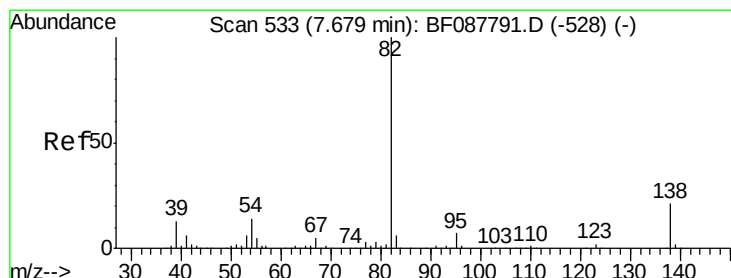
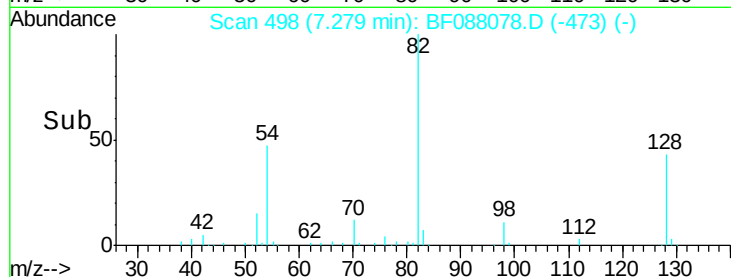
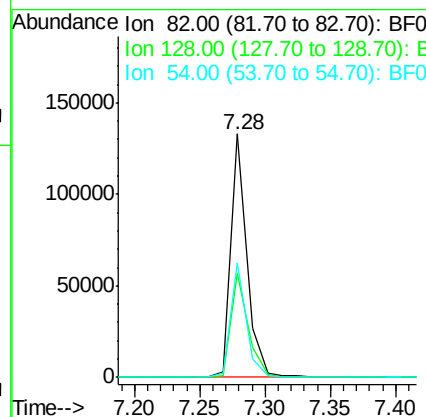
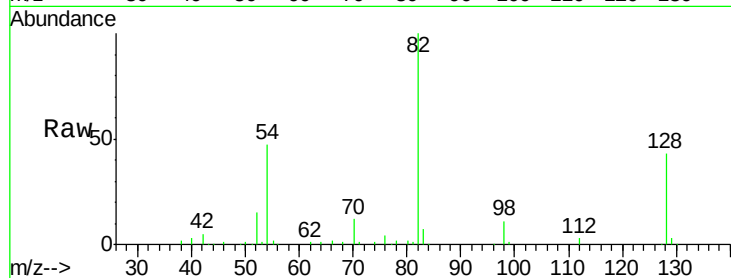




#23
 Nitrobenzene-d5
 Concen: 18.62 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088078.D
 Acq: 16 Jun 2016 16:24

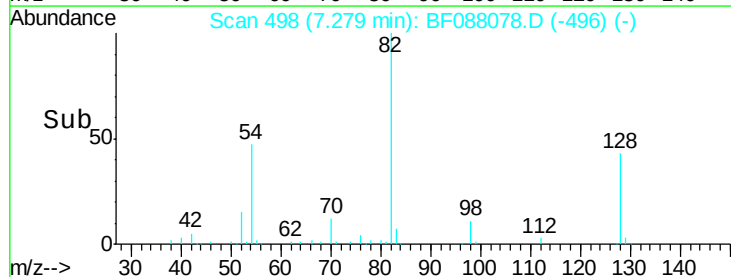
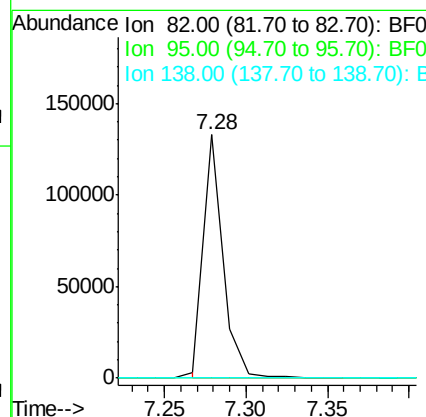
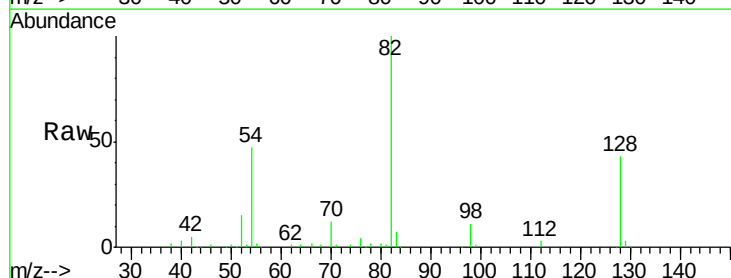
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMPRES

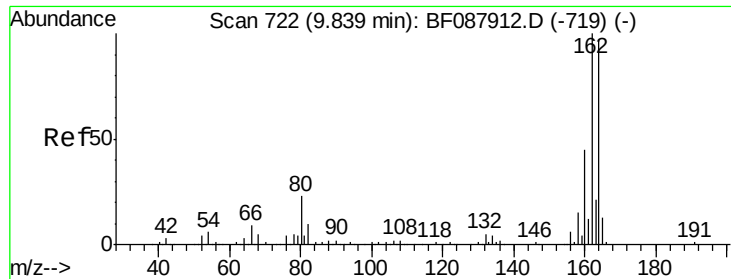
Tgt Ion: 82 Resp: 114646
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.9 53.9
 54 47.0 40.9 61.3



#25
 Isophorone
 Concen: 9.88 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.27 min
 Lab File: BF088078.D
 Acq: 16 Jun 2016 16:24

Tgt Ion: 82 Resp: 112678
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#

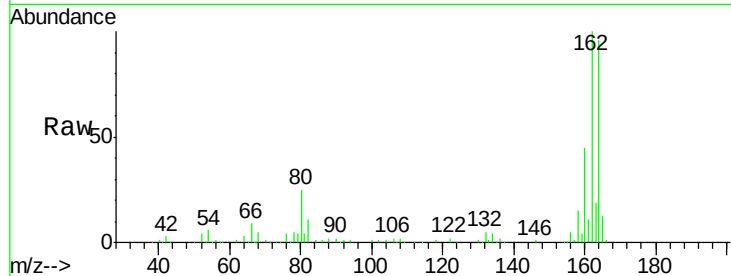




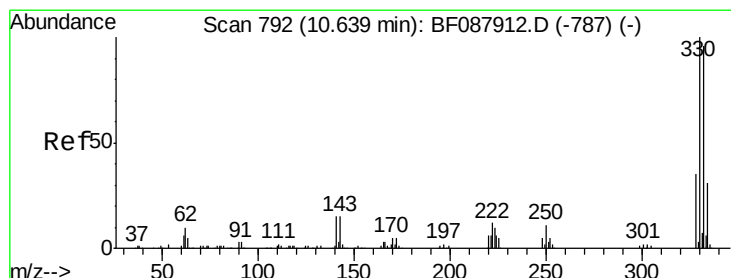
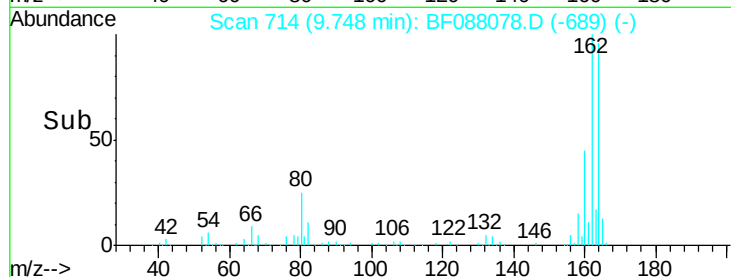
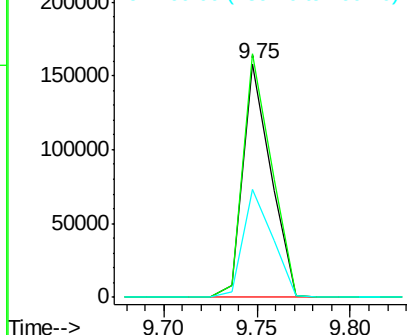
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Instrument :
BNA_F
ClientSampleId :
SB-21-COMPRES

Tgt Ion:164 Resp: 164226
Ion Ratio Lower Upper
164 100
162 104.1 85.4 128.2
160 46.4 39.5 59.3

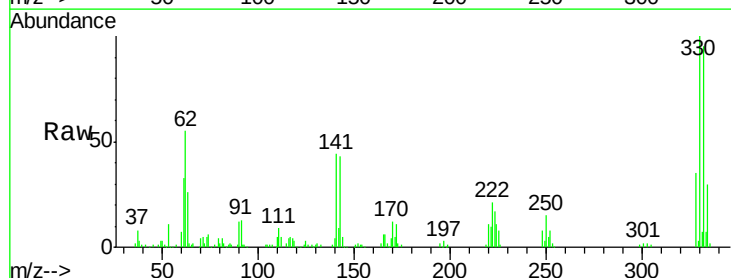


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

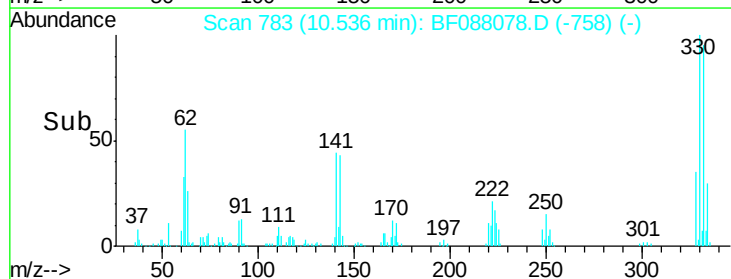
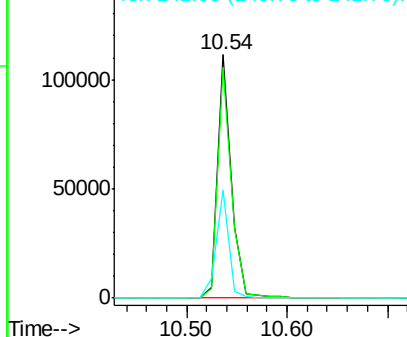


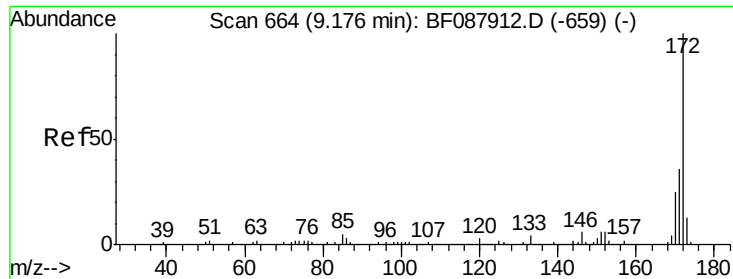
#41
2,4,6-Tribromophenol
Concen: 60.97 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Tgt Ion:330 Resp: 105720
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 40.8 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

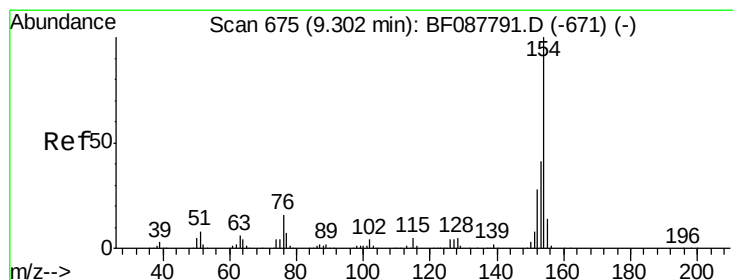
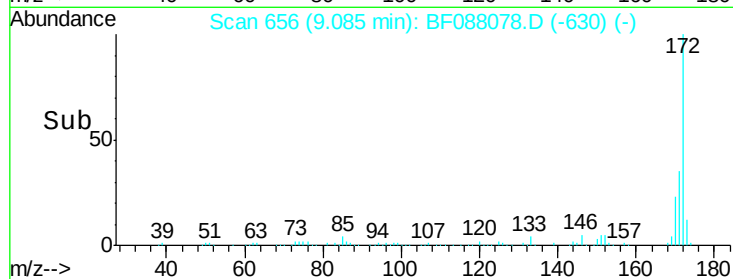
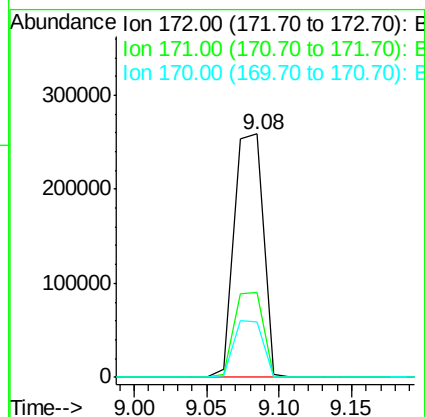
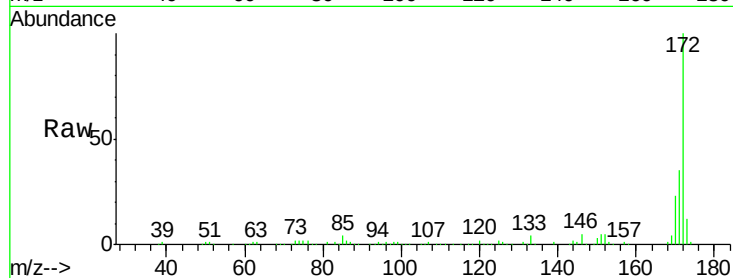




#44
 2-Fluorobiphenyl
 Concen: 30.97 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088078.D
 Acq: 16 Jun 2016 16:24

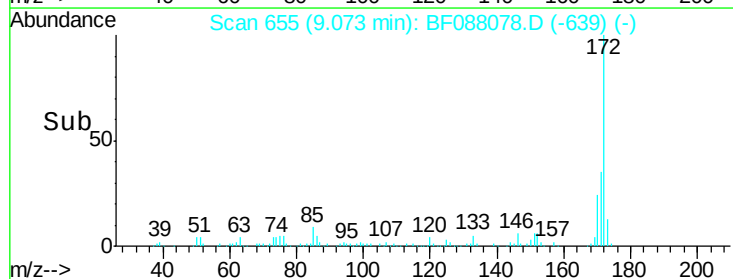
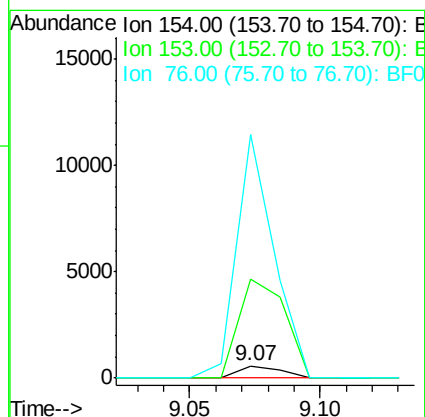
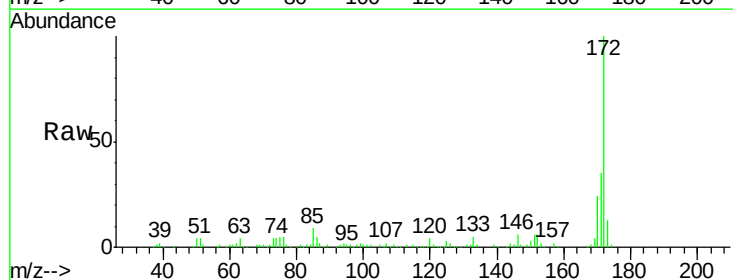
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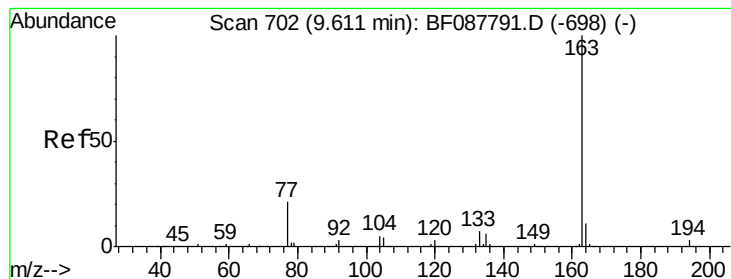
Tgt Ion:172 Resp: 360579
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 22.9 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.07 min Scan# 655
 Delta R.T. -0.11 min
 Lab File: BF088078.D
 Acq: 16 Jun 2016 16:24

Tgt Ion:154 Resp: 680
 Ion Ratio Lower Upper
 154 100
 153 803.3 20.6 60.6#
 76 1964.3 0.0 35.1#





#49

Dimethylphthalate

Concen: 12.73 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

Instrument :

BNA_F

ClientSampleId :

SB-21-COMPRES

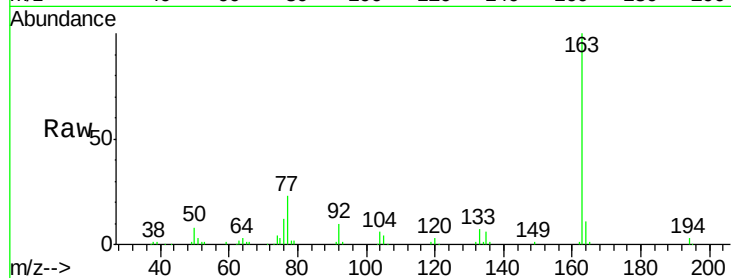
Tgt Ion:163 Resp: 151398

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

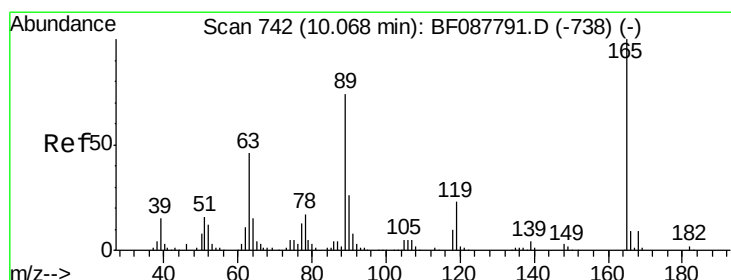
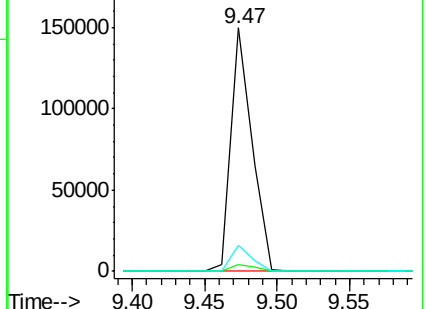
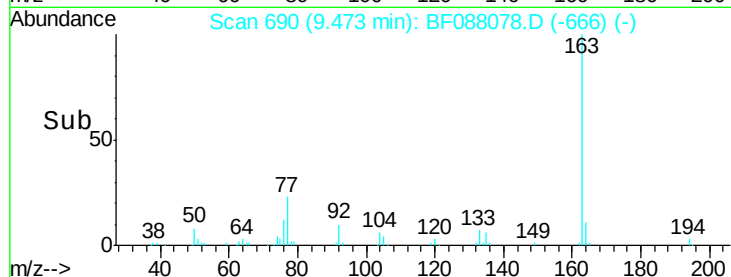
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.21 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

Tgt Ion:165 Resp: 21022

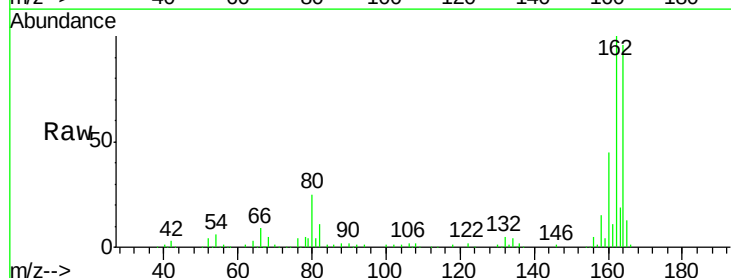
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

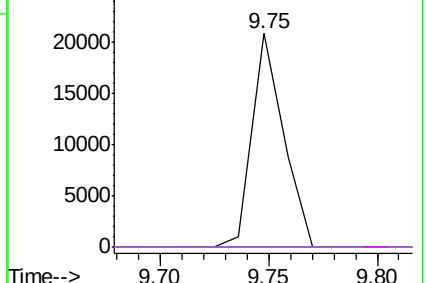
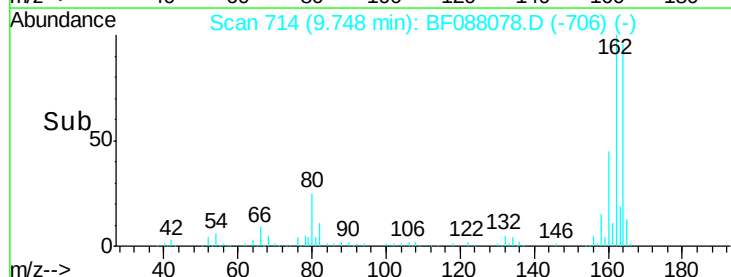


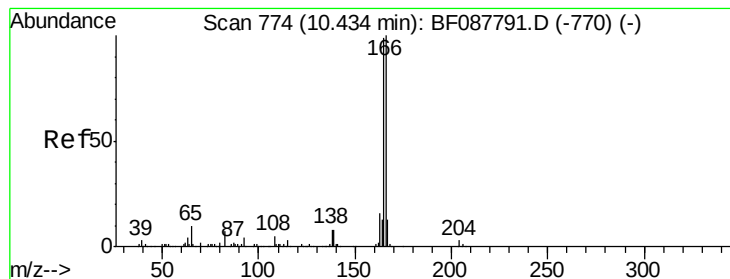
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.54 min Scan# 783

Delta R.T. 0.23 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

Instrument :

BNA_F

ClientSampleId :

SB-21-COMPRES

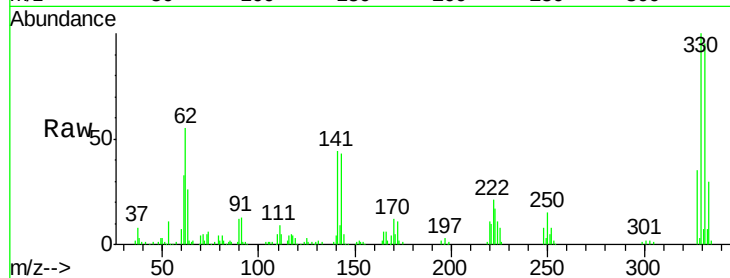
Tgt Ion:166 Resp: 5848

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

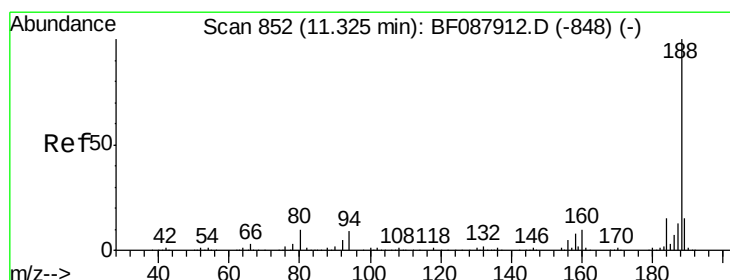
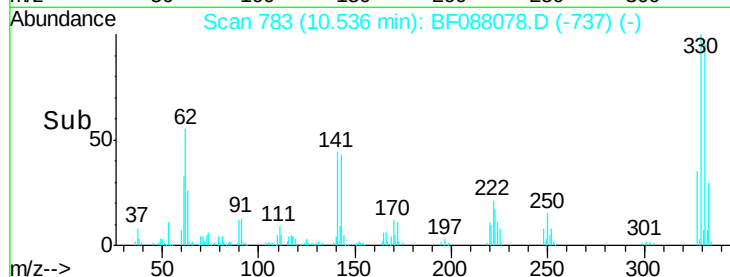
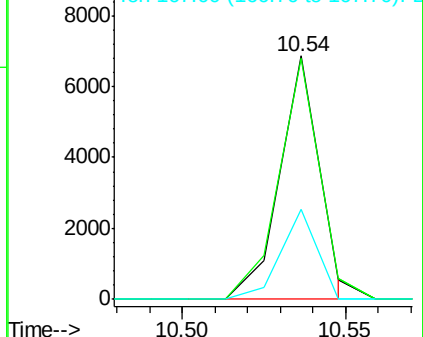
167 37.2 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

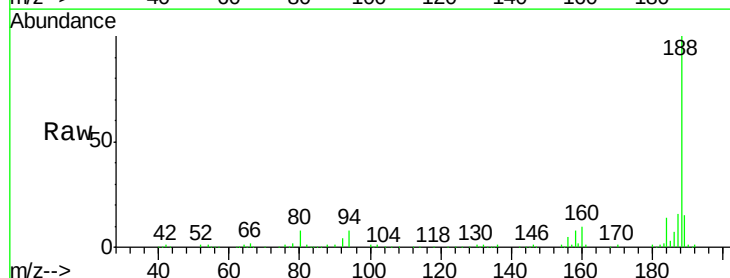
Tgt Ion:188 Resp: 320304

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.6#

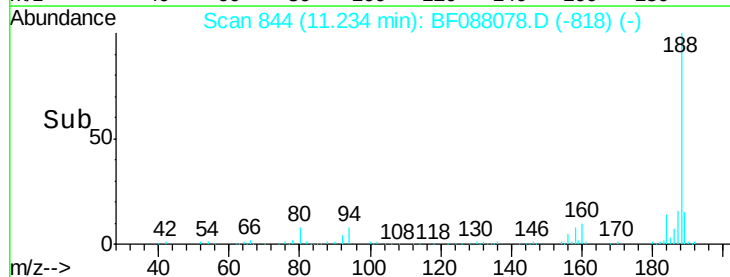
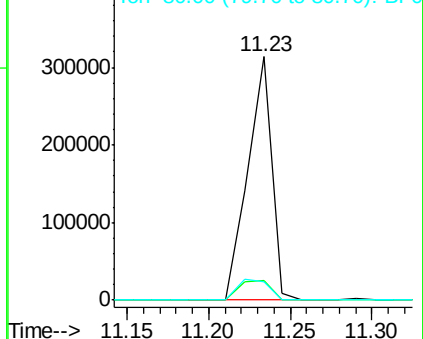
80 7.8 10.0 15.0#

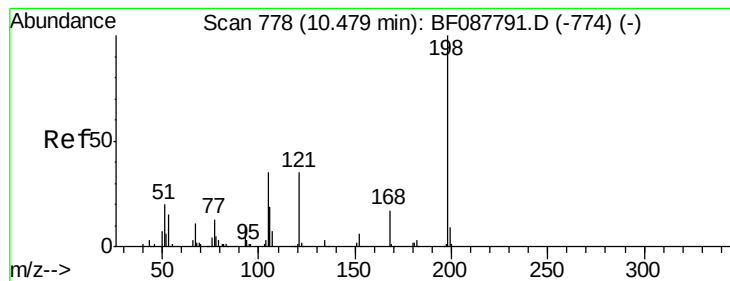


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.26 ng

RT: 10.54 min Scan# 783

Delta R.T. 0.17 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

Instrument :

BNA_F

ClientSampleId :

SB-21-COMPRES

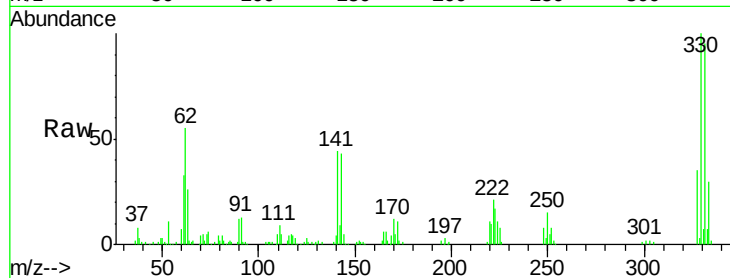
Tgt Ion:198 Resp: 209

Ion Ratio Lower Upper

198 100

51 194.1 39.6 79.6#

105 197.4 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

800

600

400

200

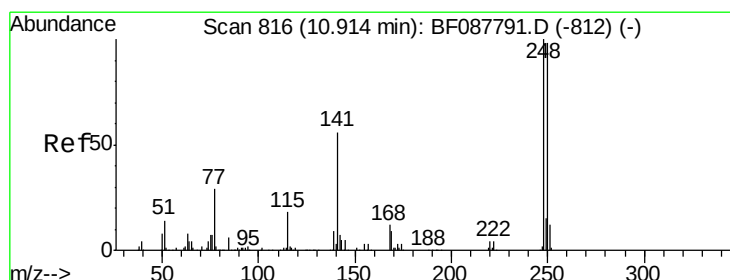
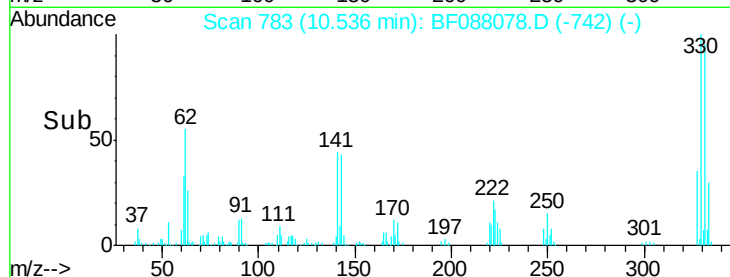
0

10.50

10.54

10.55

Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.07 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.25 min

Lab File: BF088078.D

Acq: 16 Jun 2016 16:24

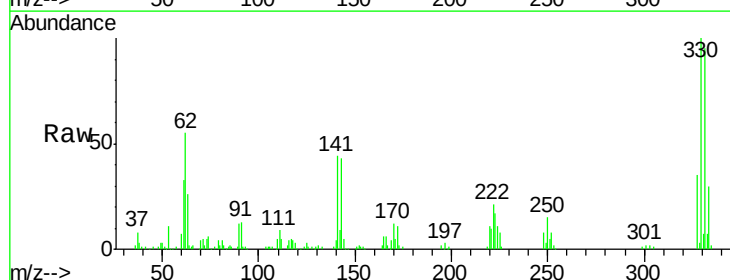
Tgt Ion:248 Resp: 7121

Ion Ratio Lower Upper

248 100

250 201.8 77.1 115.7#

141 577.3 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

60000

40000

20000

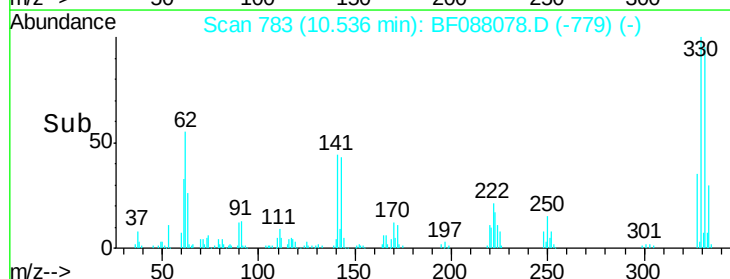
0

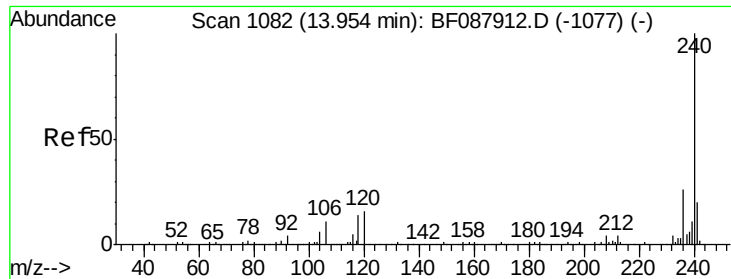
10.50

10.54

10.55

Time-->

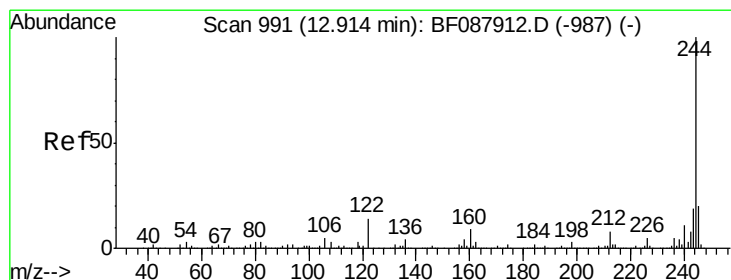
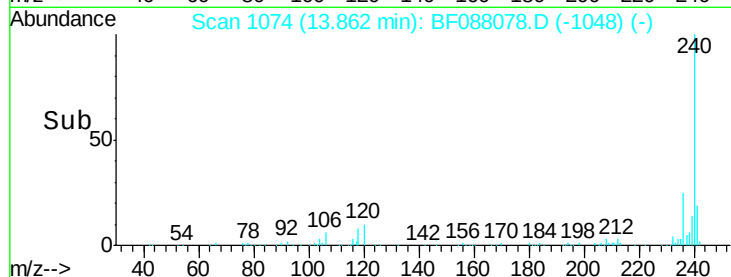
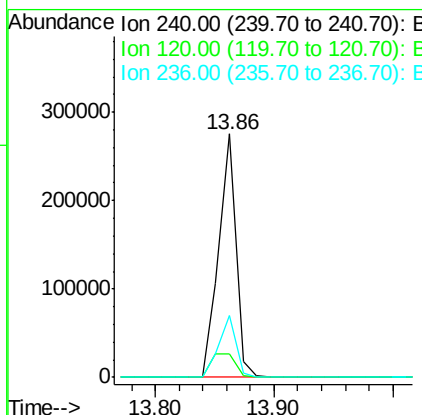
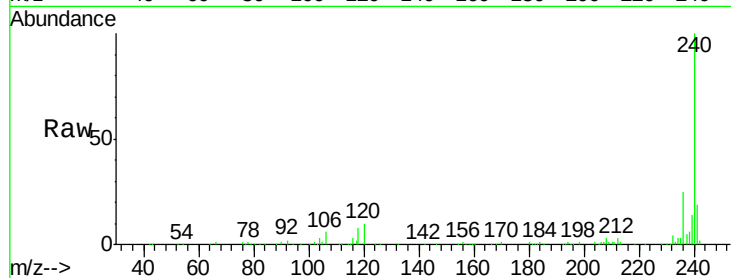




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

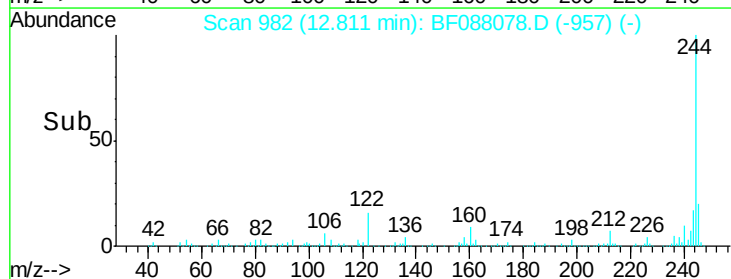
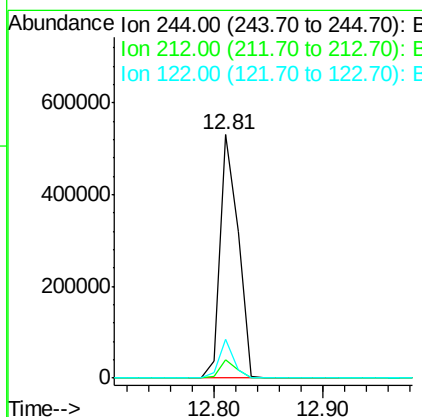
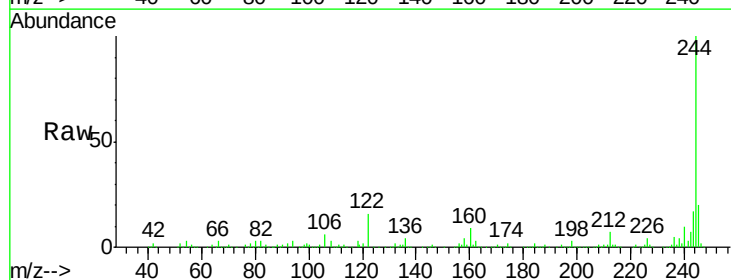
Instrument :
BNA_F
ClientSampleId :
SB-21-COMPRES

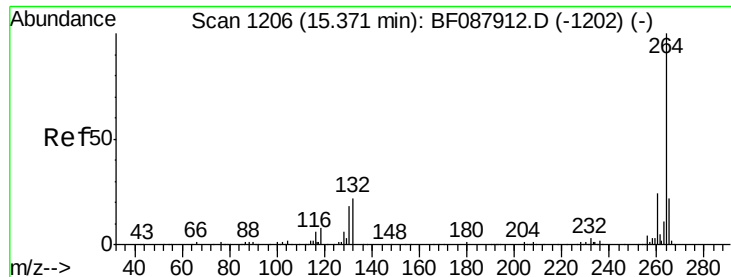
Tgt Ion:240 Resp: 277261
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 25.3 20.2 30.2



#78
Terphenyl-d14
Concen: 50.32 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Tgt Ion:244 Resp: 613079
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 16.2 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088078.D
Acq: 16 Jun 2016 16:24

Instrument :
BNA_F
ClientSampleId :
SB-21-COMPRES

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	16.9	25.3

