

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083622.D
 Acq On : 9 Dec 2015 5:08
 Operator : UM/IZ
 Sample : G4647-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-1(0-2)

Quant Time: Dec 09 05:59:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

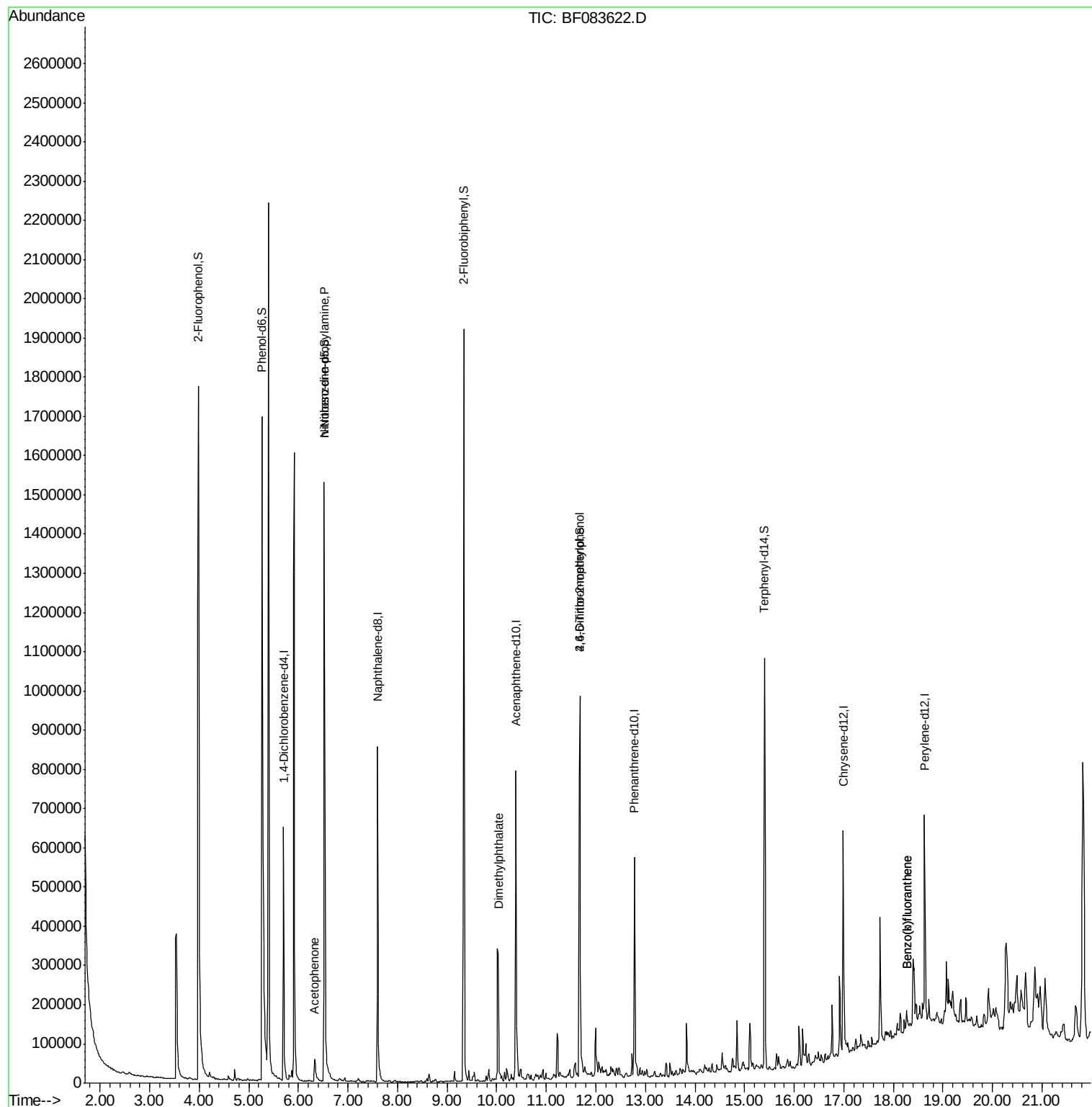
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	141574	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	527984	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	234921	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	335959	20.00	ng	-0.01
75) Chrysene-d12	16.99	240	283644	20.00	ng	0.00
86) Perylene-d12	18.63	264	265817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	869058	93.10	ng	0.01
7) Phenol-d6	5.26	99	1193886	95.73	ng	-0.01
23) Nitrobenzene-d5	6.52	82	713384	63.05	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	176131	84.16	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	906491	54.31	ng	-0.01
78) Terphenyl-d14	15.40	244	459906	38.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	90557	10.40	ng	# 79
22) Acetophenone	6.33	105	42266	2.85	ng	# 94
49) Dimethylphthalate	10.03	163	238754	12.77	ng	99
64) 4,6-Dinitro-2-methylphenol	11.68	198	464	2.14	ng	# 1
87) Benzo(b)fluoranthene	18.27	252	34674	2.29	ng	# 92
88) Benzo(k)fluoranthene	18.27	252	34674	2.08	ng	96

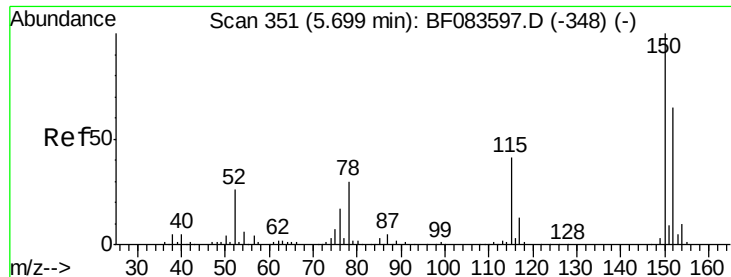
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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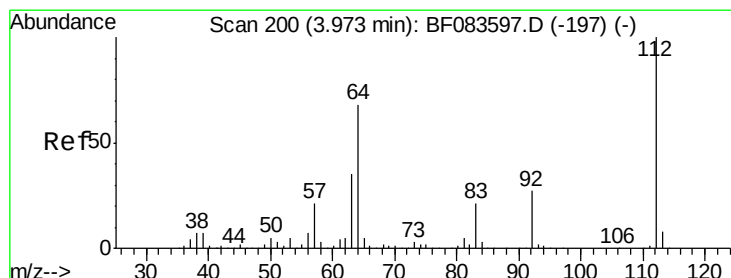
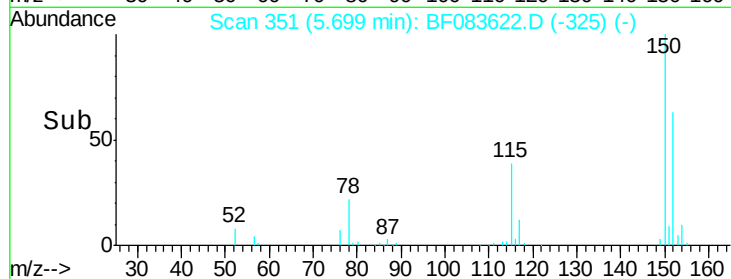
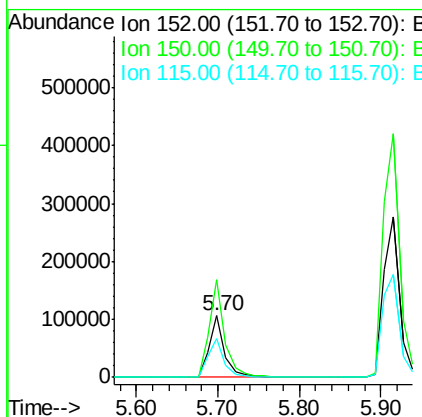
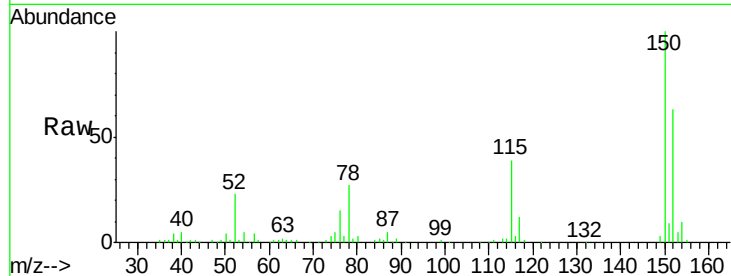




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.70 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: BF083622.D
 Acq: 9 Dec 2015 5:08

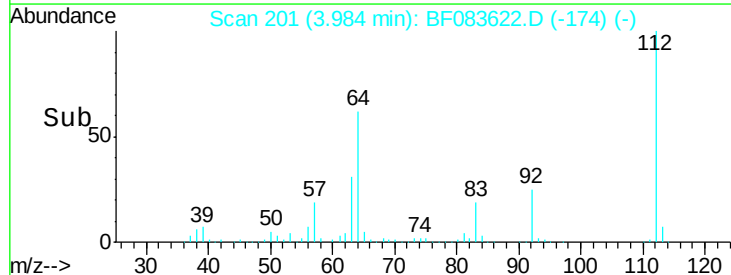
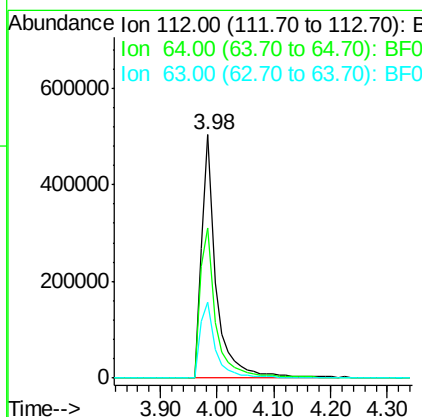
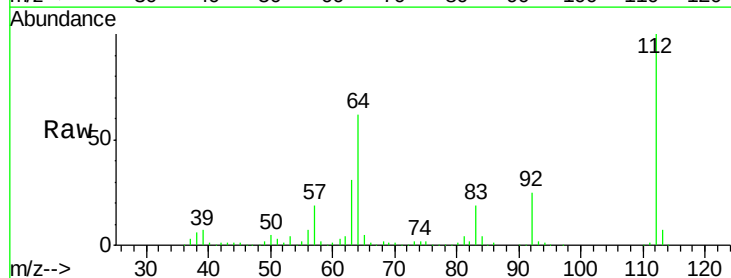
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-1(0-2)

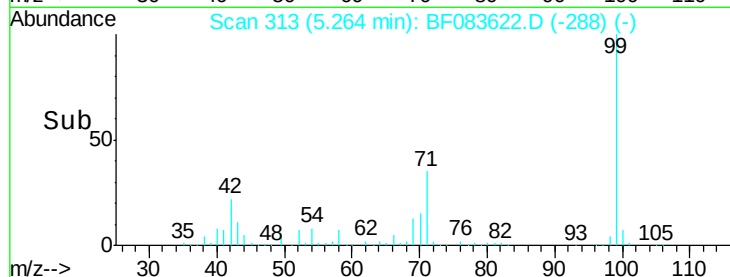
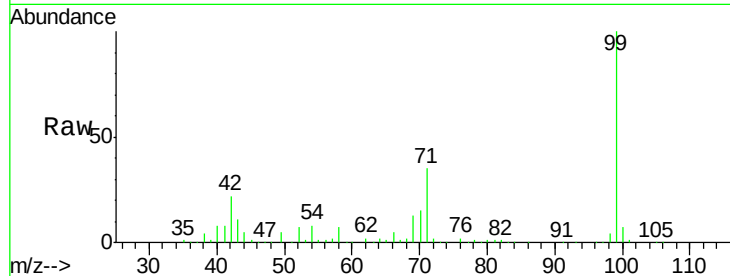
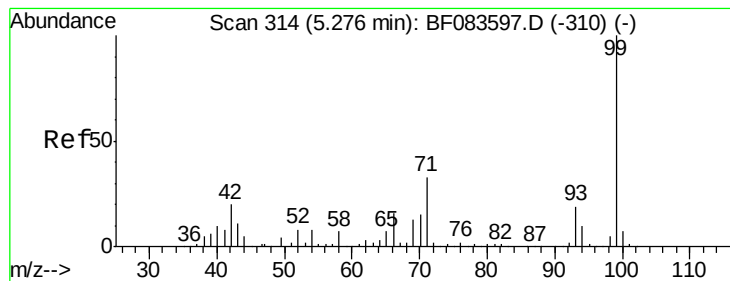
Tgt Ion:152 Resp: 141574
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.5 189.7
 115 62.2 52.3 78.5



#5
 2-Fluorophenol
 Concen: 93.10 ng
 RT: 3.98 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: BF083622.D
 Acq: 9 Dec 2015 5:08

Tgt Ion:112 Resp: 869058
 Ion Ratio Lower Upper
 112 100
 64 61.7 50.5 75.7
 63 31.3 25.8 38.6





#7

Phenol-d6

Concen: 95.73 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-1(0-2)

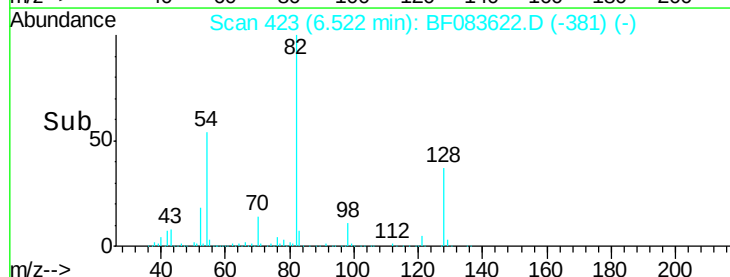
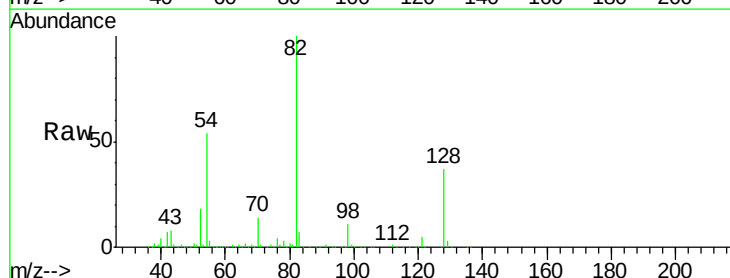
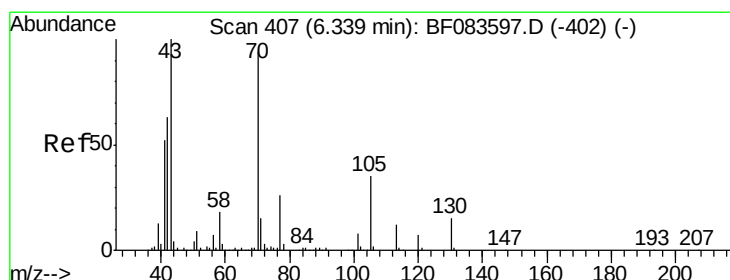
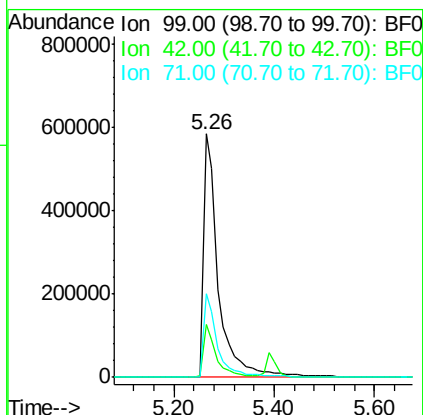
Tgt Ion: 99 Resp: 1193886

Ion Ratio Lower Upper

99 100

42 21.9 17.3 25.9

71 34.6 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.40 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Tgt Ion: 70 Resp: 90557

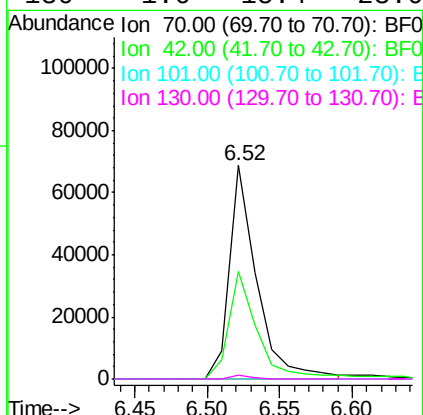
Ion Ratio Lower Upper

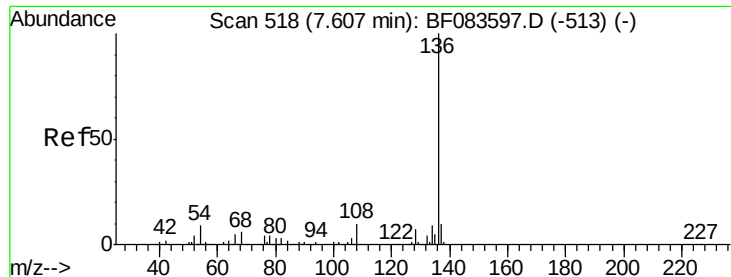
70 100

42 50.4 49.2 73.8

101 0.0 7.1 10.7#

130 1.6 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-1(0-2)

Tgt Ion:136 Resp: 527984

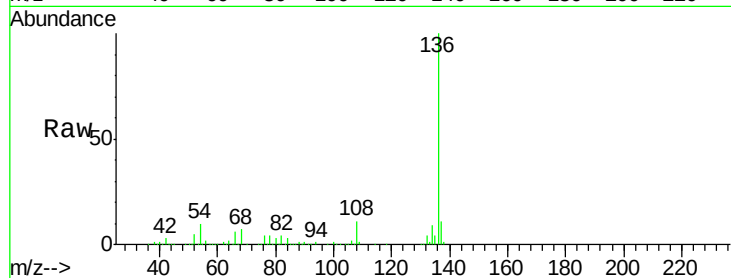
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.6 7.8 11.6

68 7.3 5.7 8.5

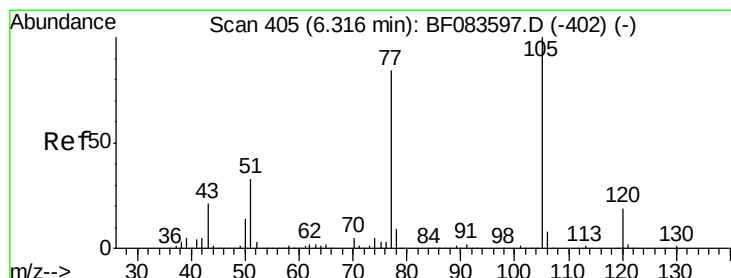
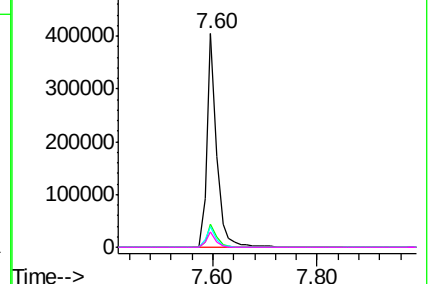
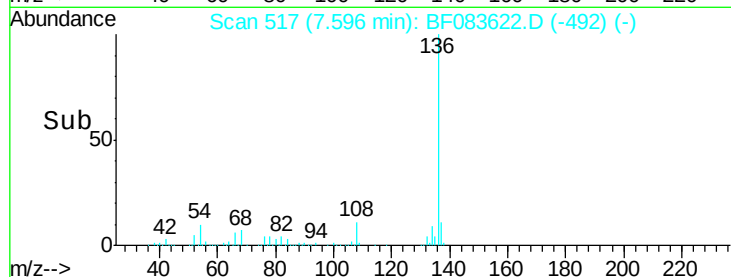


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.85 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Tgt Ion:105 Resp: 42266

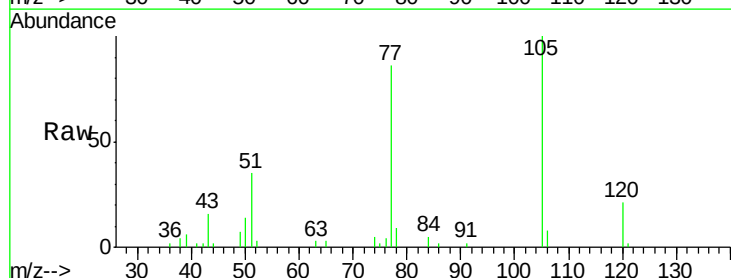
Ion Ratio Lower Upper

105 100

71 0.0 1.3 1.9#

51 34.6 23.8 35.8

120 20.5 16.7 25.1

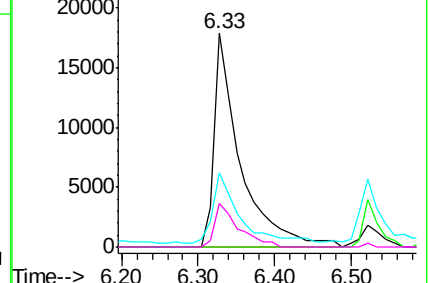
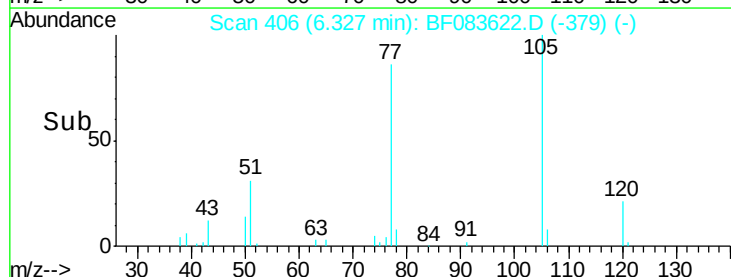


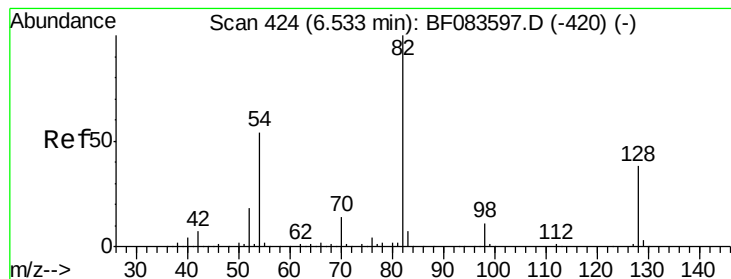
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 63.05 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-1(0-2)

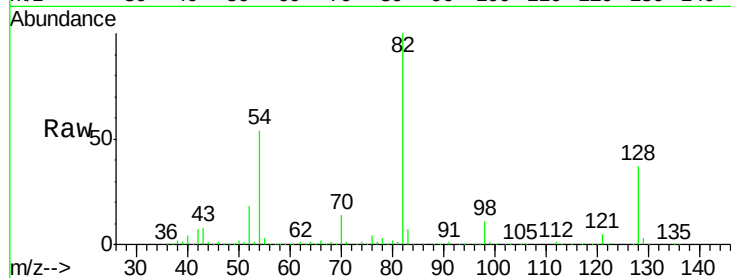
Tgt Ion: 82 Resp: 713384

Ion Ratio Lower Upper

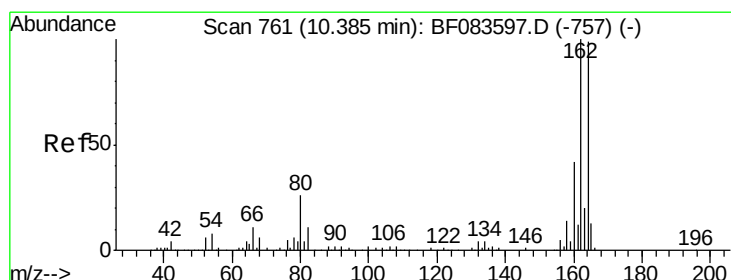
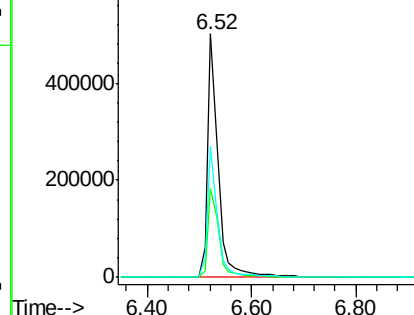
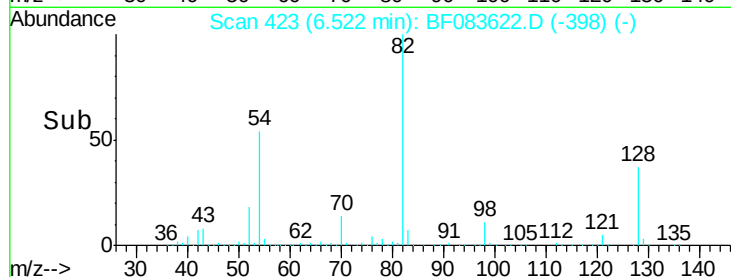
82 100

128 36.7 30.7 46.1

54 53.9 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

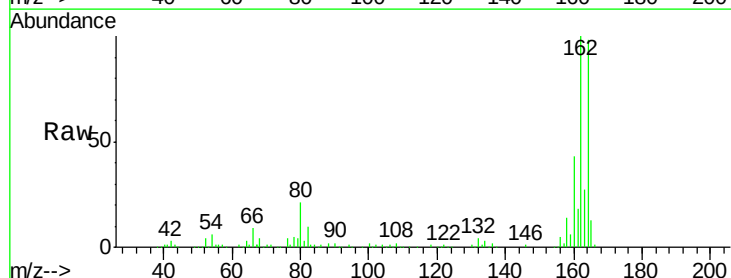
Tgt Ion: 164 Resp: 234921

Ion Ratio Lower Upper

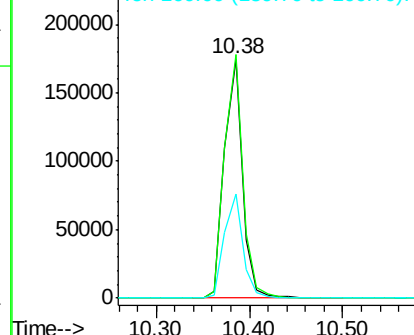
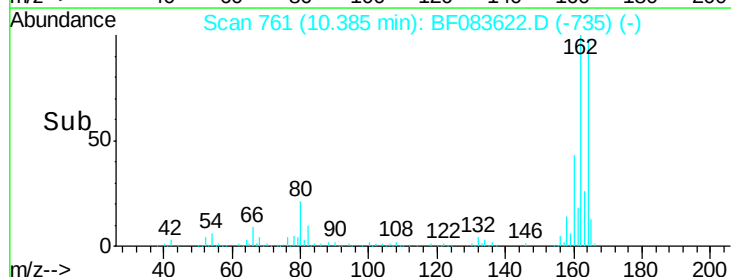
164 100

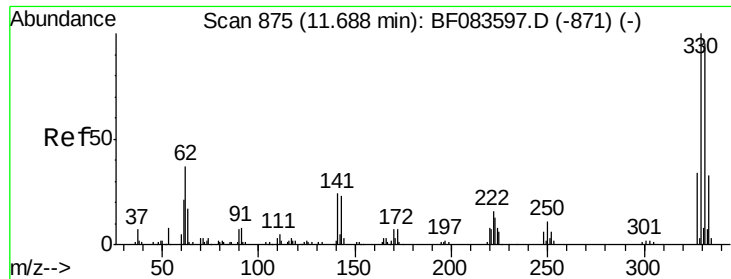
162 101.8 78.8 118.2

160 43.4 33.4 50.2



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

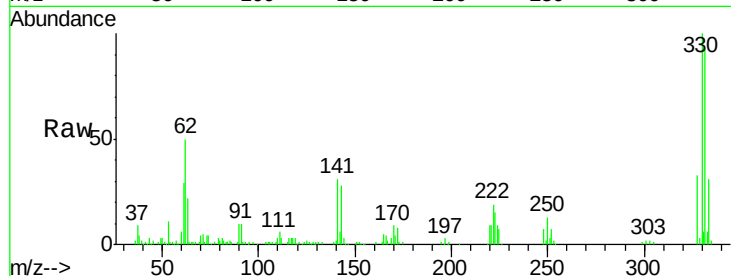




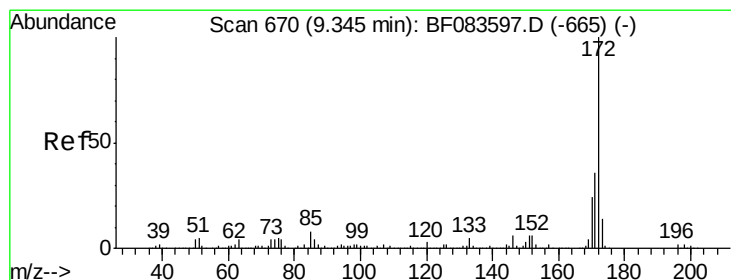
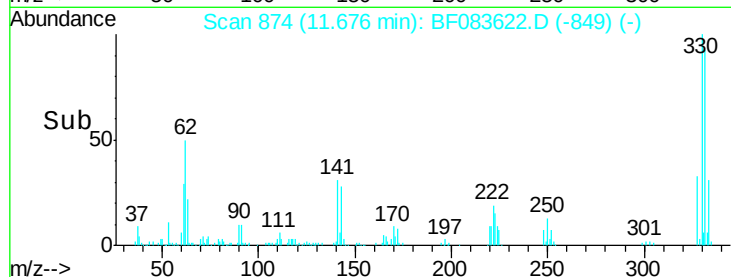
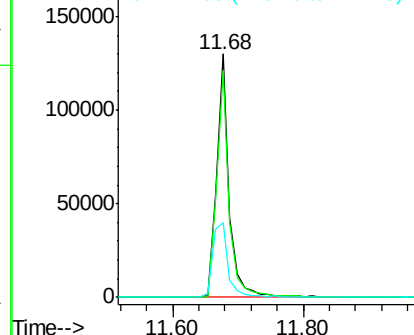
#41
 2,4,6-Tribromophenol
 Concen: 84.16 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083622.D
 Acq: 9 Dec 2015 5:08

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-1(0-2)

Tgt Ion:330 Resp: 176131
 Ion Ratio Lower Upper
 330 100
 332 93.3 0.0 0.0#
 141 37.7 0.0 0.0#

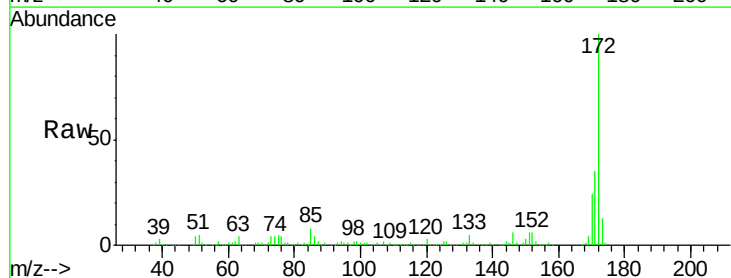


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

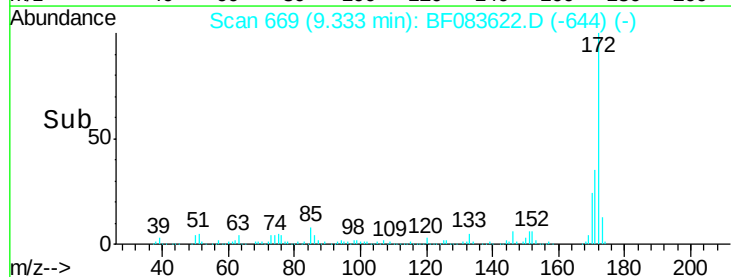
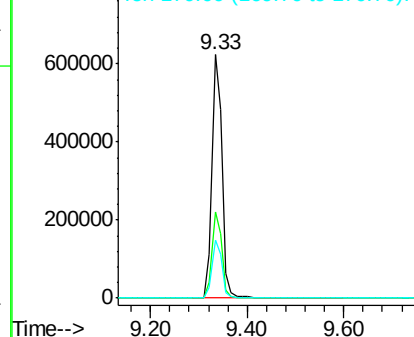


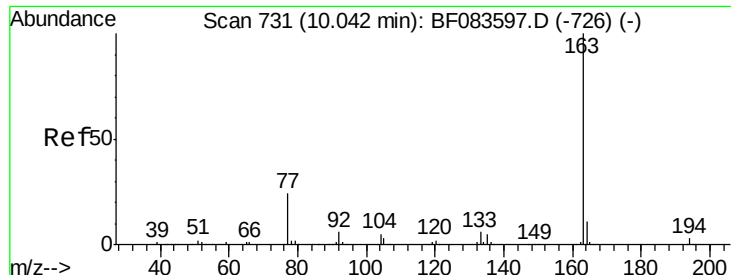
#44
 2-Fluorobiphenyl
 Concen: 54.31 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083622.D
 Acq: 9 Dec 2015 5:08

Tgt Ion:172 Resp: 906491
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.6 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.77 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-1(0-2)

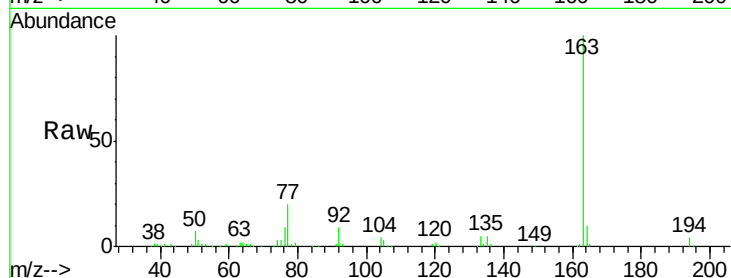
Tgt Ion:163 Resp: 238754

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

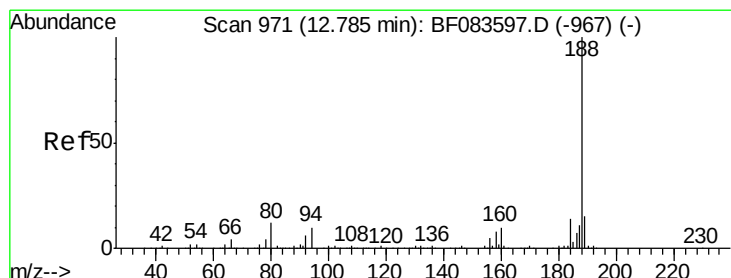
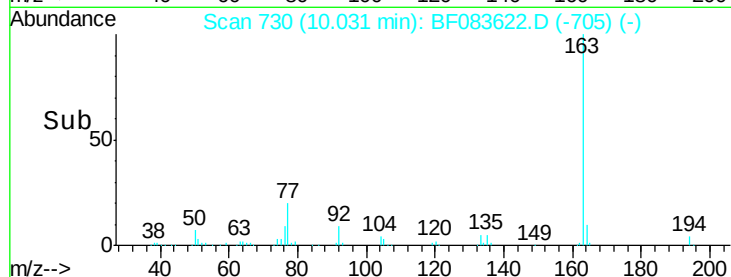
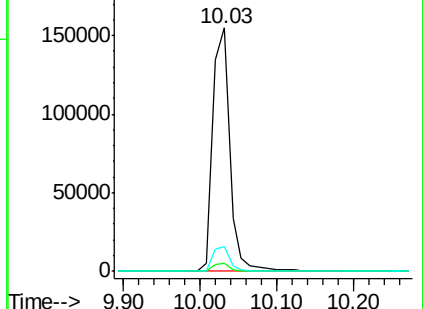
164 10.1 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

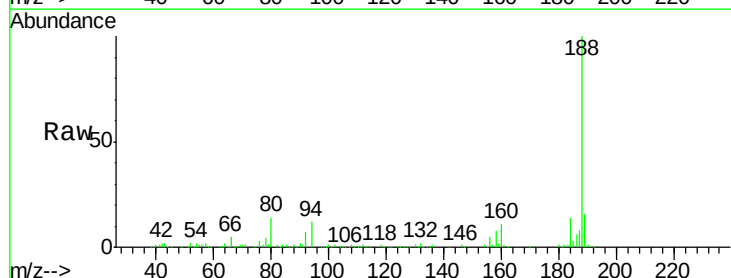
Tgt Ion:188 Resp: 335959

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

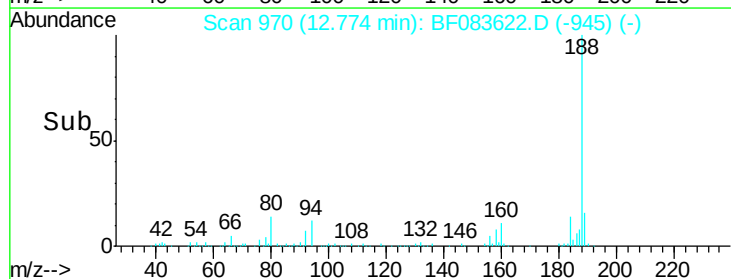
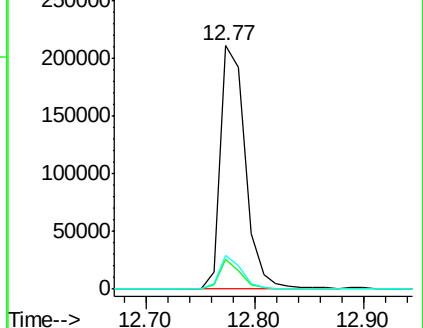
80 13.8 10.6 16.0

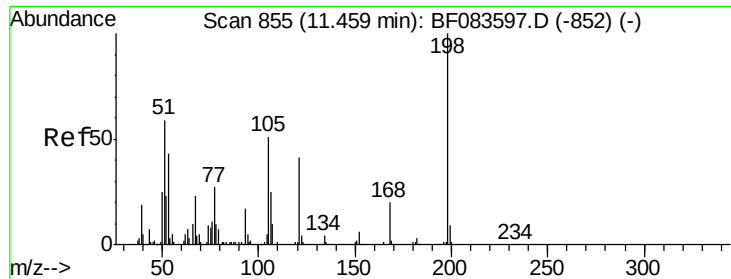


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.14 ng

RT: 11.68 min Scan# 874

Delta R.T. 0.22 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-1(0-2)

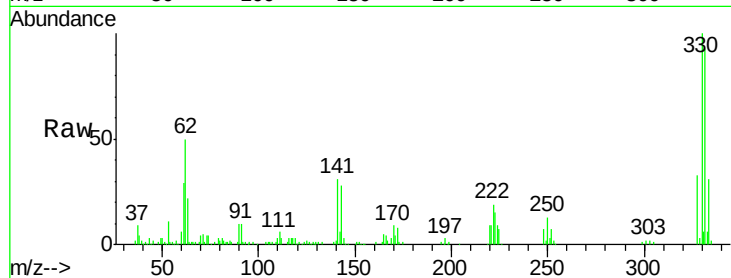
Tgt Ion:198 Resp: 464

Ion Ratio Lower Upper

198 100

51 244.4 53.8 93.8#

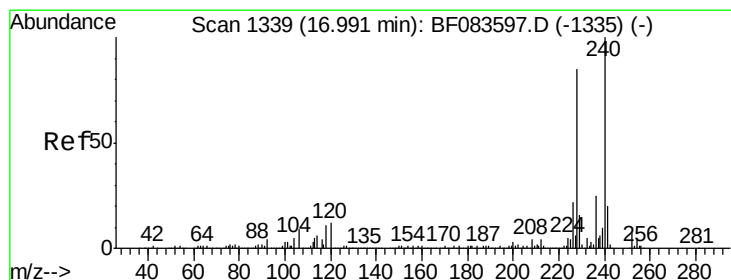
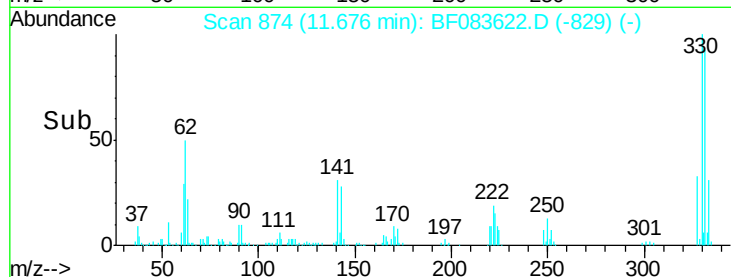
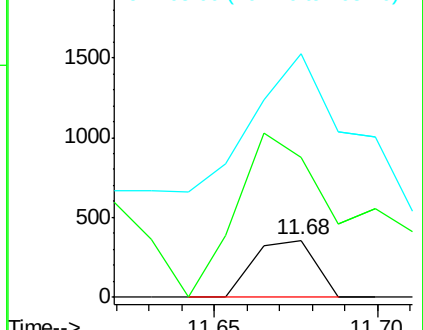
105 425.7 38.6 78.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083622.D

Acq: 9 Dec 2015 5:08

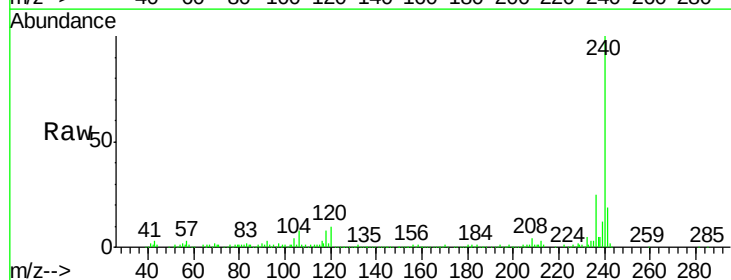
Tgt Ion:240 Resp: 283644

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

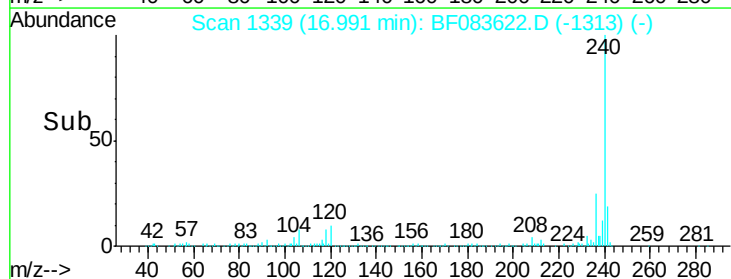
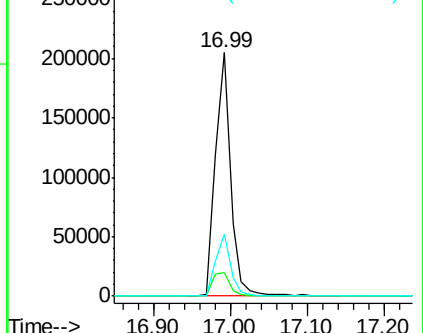
236 25.2 20.8 31.2

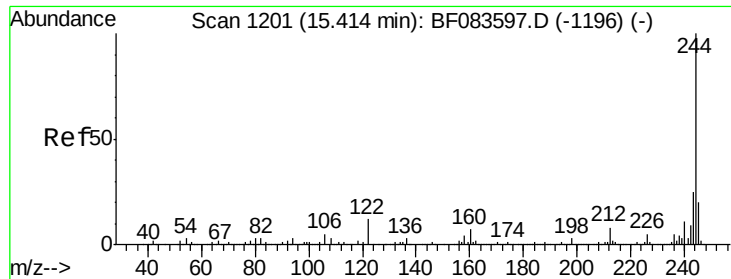


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

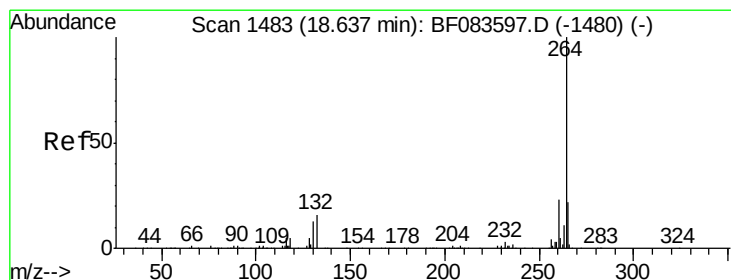
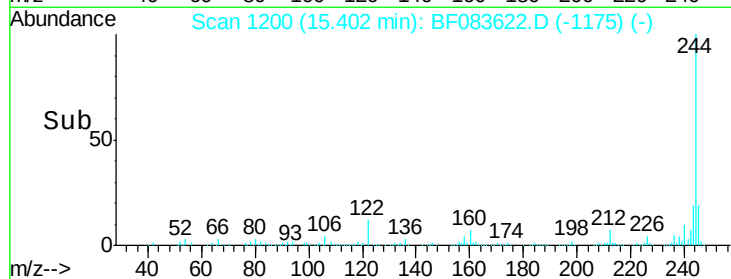
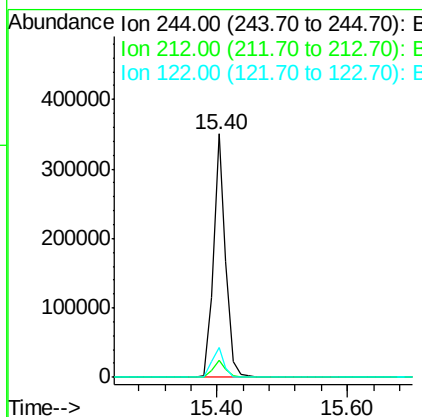
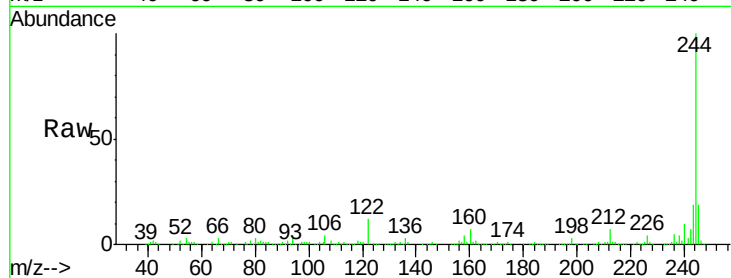




#78
 Terphenyl-d14
 Concen: 38.15 ng
 RT: 15.40 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF083622.D
 Acq: 9 Dec 2015 5:08

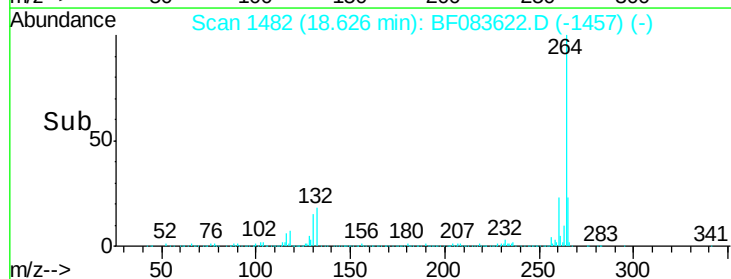
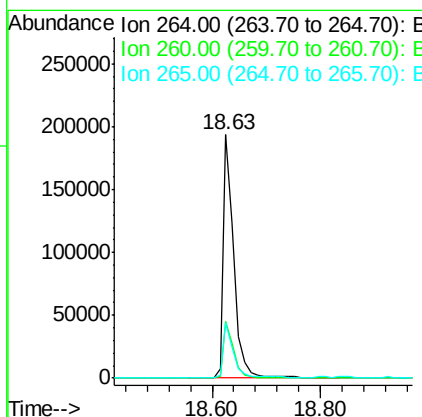
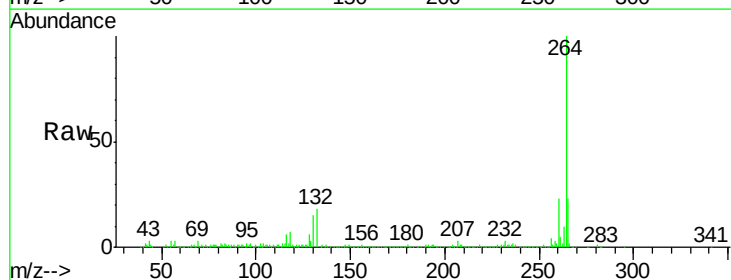
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-1(0-2)

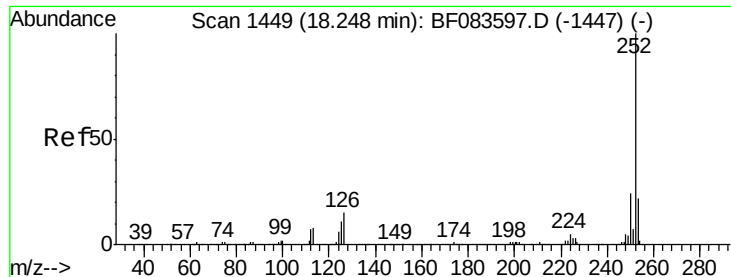
Tgt Ion:244 Resp: 459906
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.1 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083622.D
 Acq: 9 Dec 2015 5:08

Tgt Ion:264 Resp: 265817
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 22.8 17.8 26.6

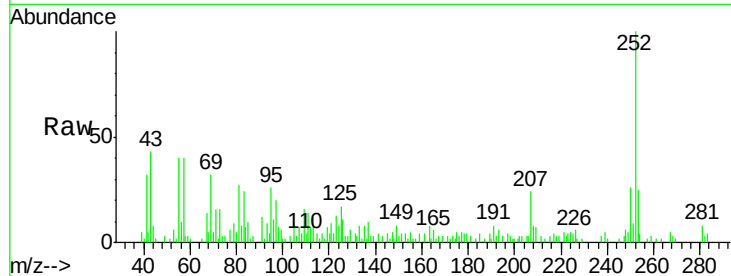




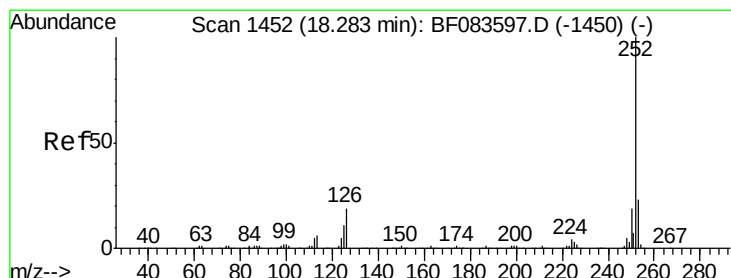
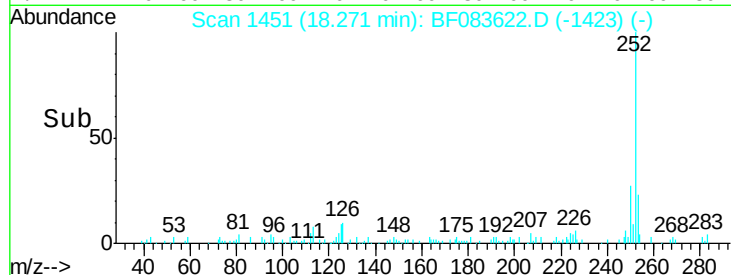
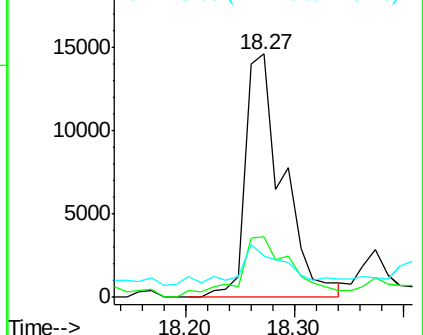
#87
Benzo(b)fluoranthene
Concen: 2.29 ng
RT: 18.27 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF083622.D
Acq: 9 Dec 2015 5:08

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-1(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	16.8	8.2	12.4

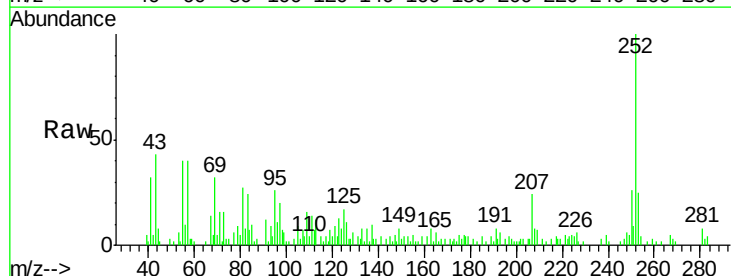


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.08 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF083622.D
Acq: 9 Dec 2015 5:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.6	27.8
125	16.8	11.5	17.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

