

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082429.D
 Acq On : 22 Oct 2015 4:08
 Operator : UM/IZ
 Sample : G4116-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Quant Time: Oct 22 12:44:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

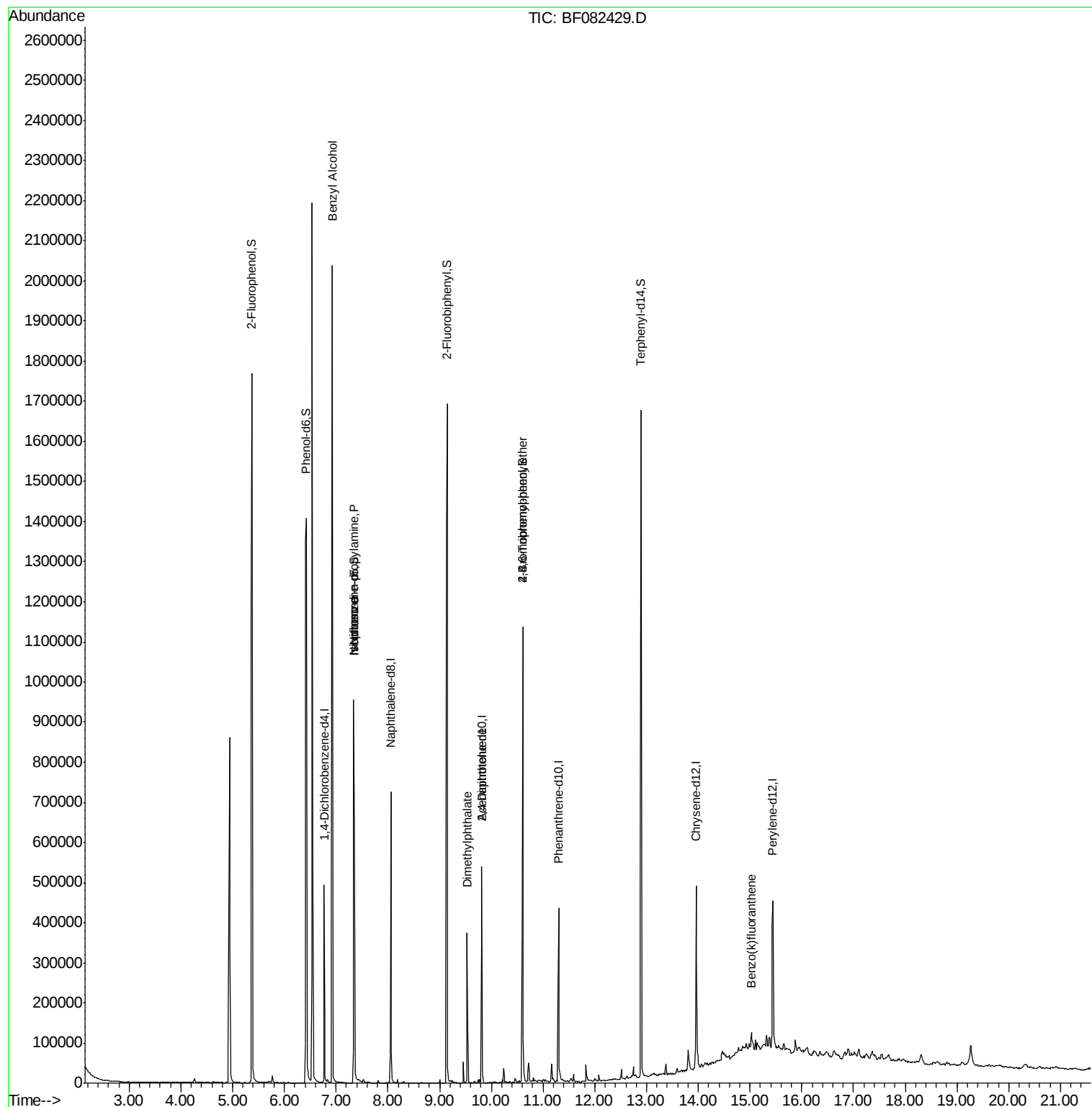
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	84863	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	320595	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	138691	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	219204	20.00	ng	0.00
75) Chrysene-d12	13.96	240	202729	20.00	ng	-0.06
86) Perylene-d12	15.44	264	203336	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	635854	151.22	ng	0.01
7) Phenol-d6	6.42	99	787120	143.85	ng	0.00
23) Nitrobenzene-d5	7.34	82	442330	92.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	128887	99.09	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	811244	97.00	ng	0.00
78) Terphenyl-d14	12.89	244	548911	71.75	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	8869	2.35	ng	# 51
19) n-Nitroso-di-n-propylamine	7.34	70	56600	14.73	ng	# 80
25) Isophorone	7.34	82	411788	42.74	ng	# 66
49) Dimethylphthalate	9.53	163	173169	17.73	ng	99
56) 2,4-Dinitrotoluene	9.82	165	17339	6.73	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	10259	4.68	ng	# 1
88) Benzo(k)fluoranthene	15.03	252	23950	2.30	ng	# 90

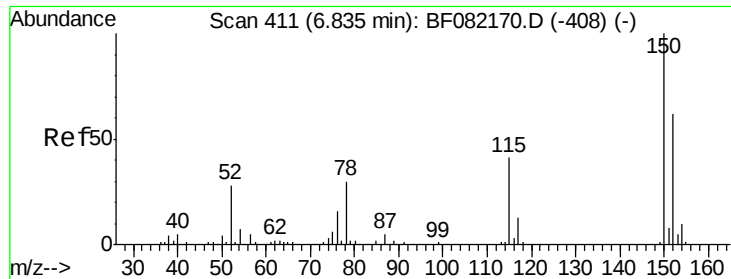
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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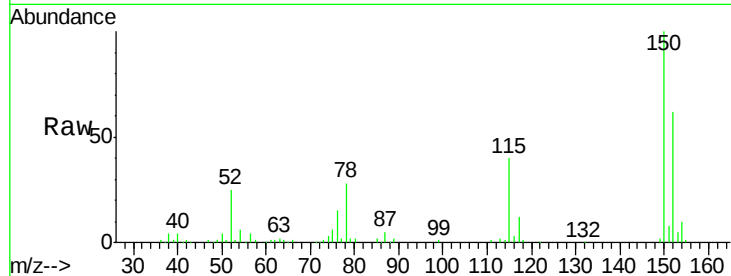


#1

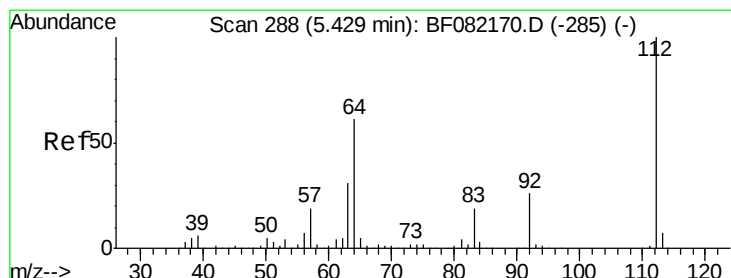
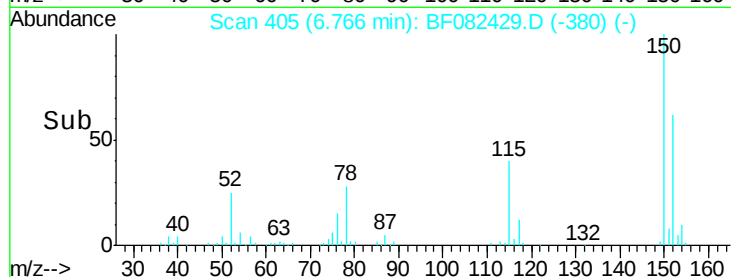
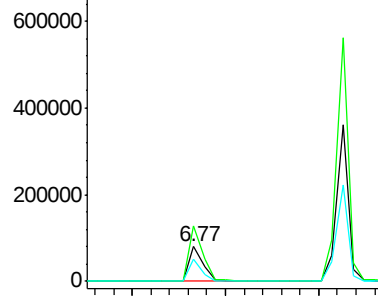
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Tot Ion:152 Resp: 84863
 Ion Ratio Lower Upper
 152 100
 150 160.7 129.0 193.4
 115 64.6 52.1 78.1



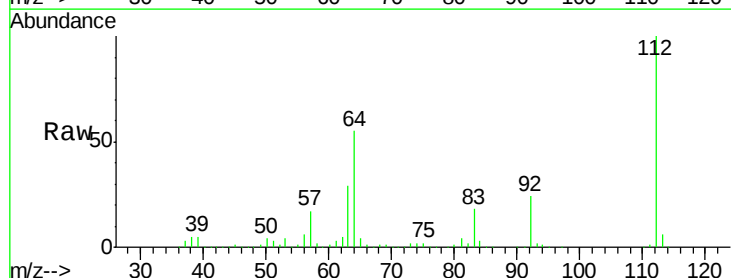
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



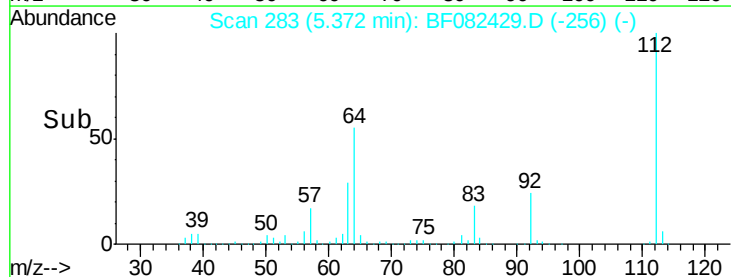
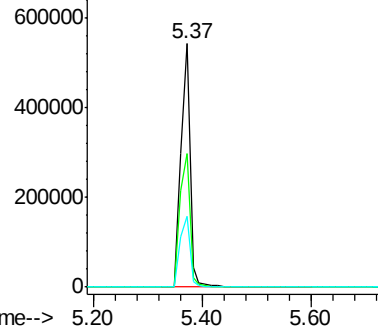
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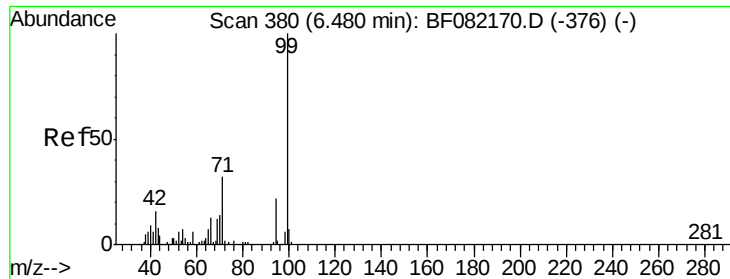
2-Fluorophenol
 Concen: 151.22 ng
 RT: 5.37 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Tgt Ion:112 Resp: 635854
 Ion Ratio Lower Upper
 112 100
 64 54.9 48.6 73.0
 63 29.1 25.1 37.7



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: 143.85 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

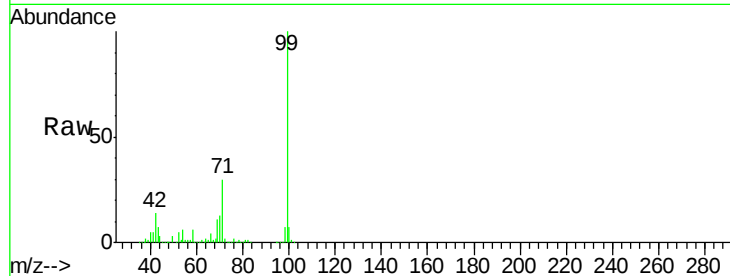
Tot Ion: 99 Resp: 787120

Ion Ratio Lower Upper

99 100

42 13.6 13.2 19.8

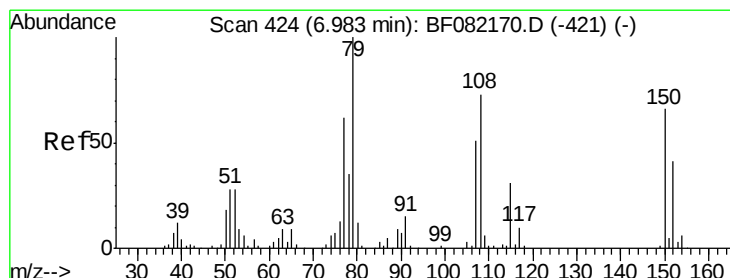
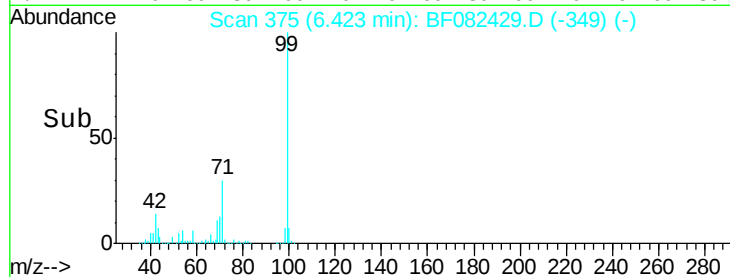
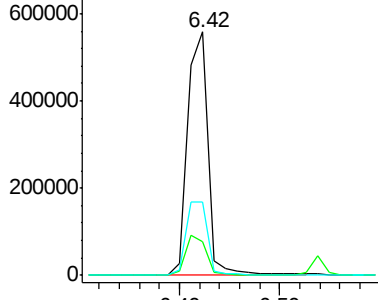
71 30.1 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082429.D

Acq: 22 Oct 2015 4:08

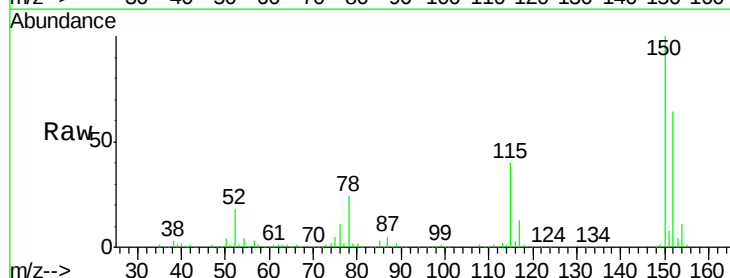
Tgt Ion: 79 Resp: 8869

Ion Ratio Lower Upper

79 100

108 31.8 58.4 87.6#

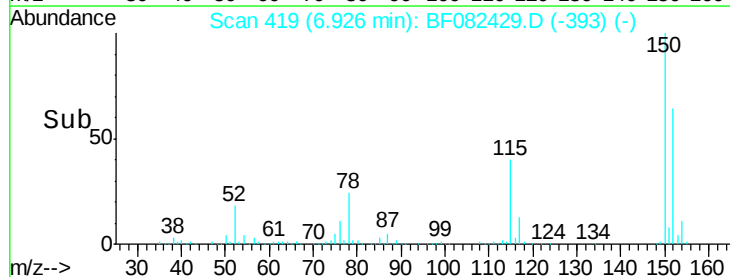
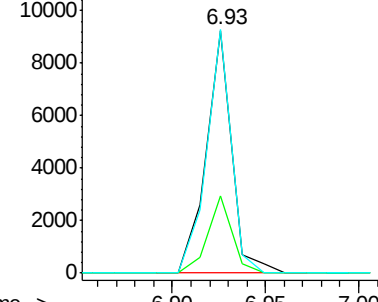
77 100.2 49.8 74.6#

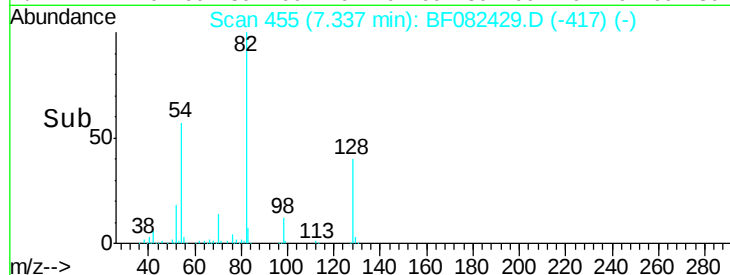
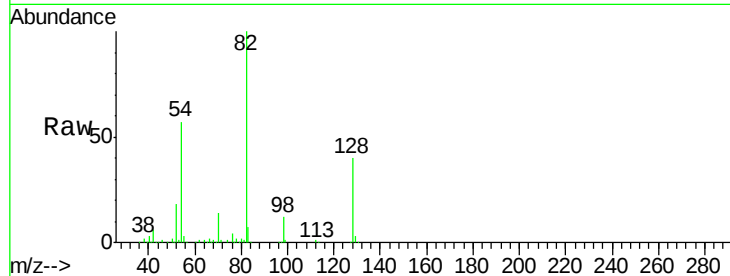
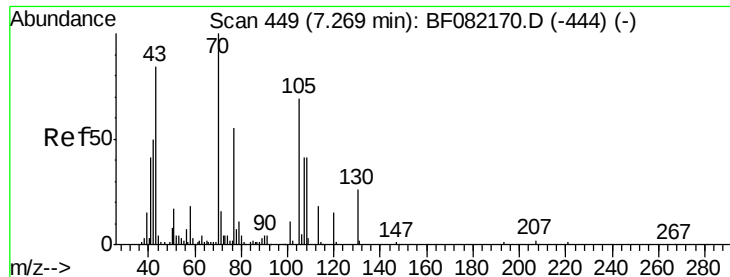


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

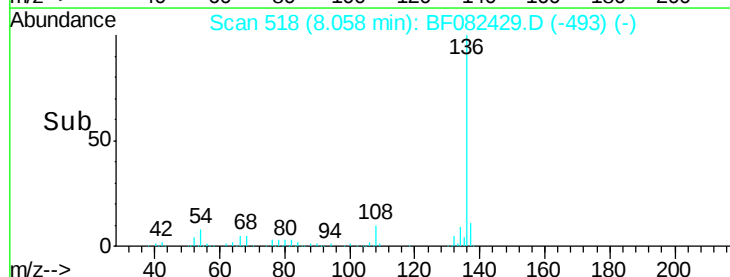
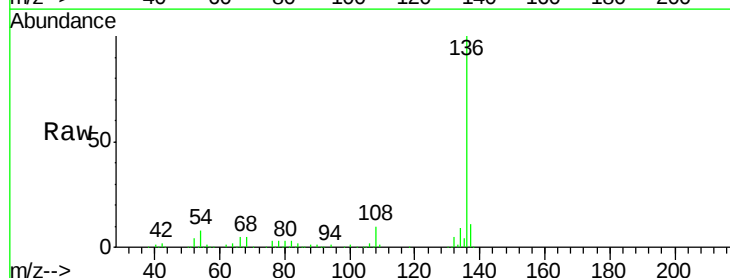
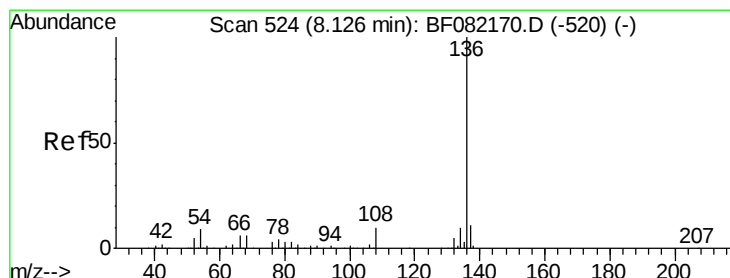
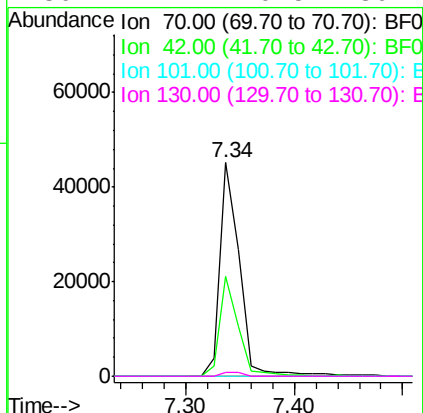




#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

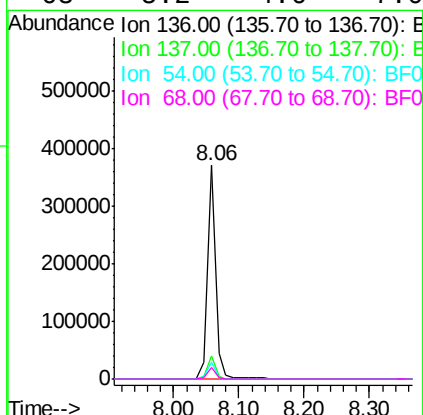
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-02(0-2)

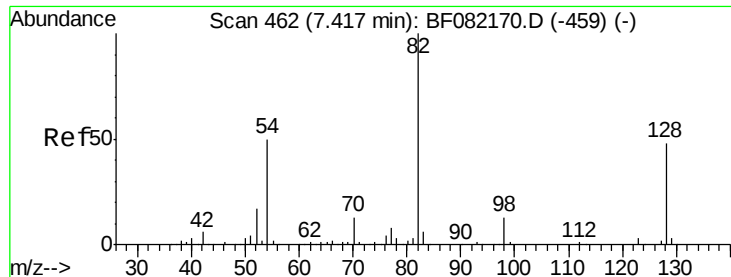
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.0	39.8	59.8
101	0.0	8.6	13.0#
130	2.1	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.0	7.5	11.3
68	5.2	4.6	7.0

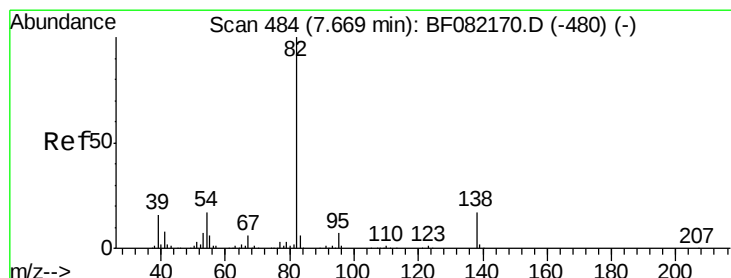
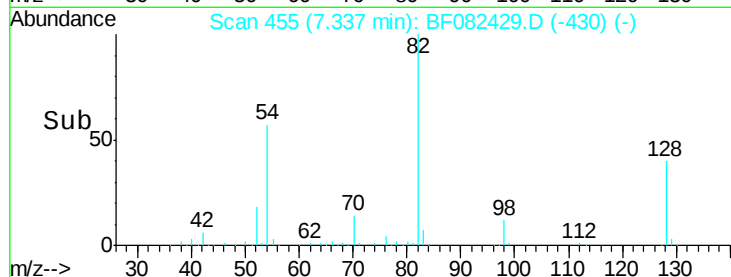
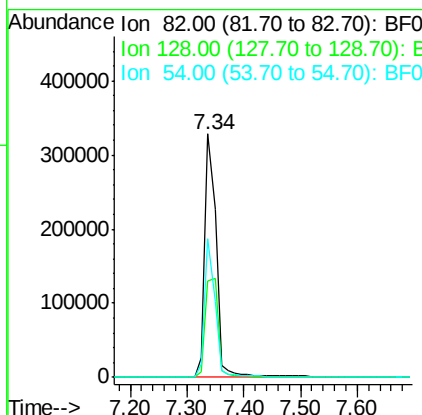
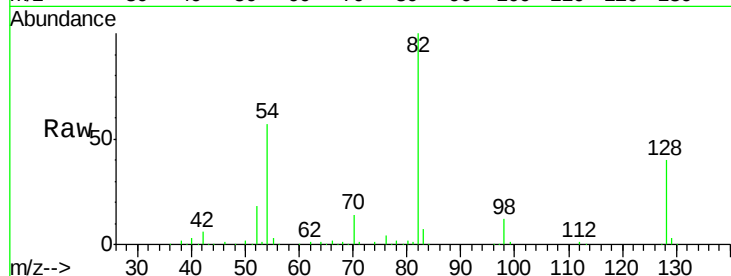




#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

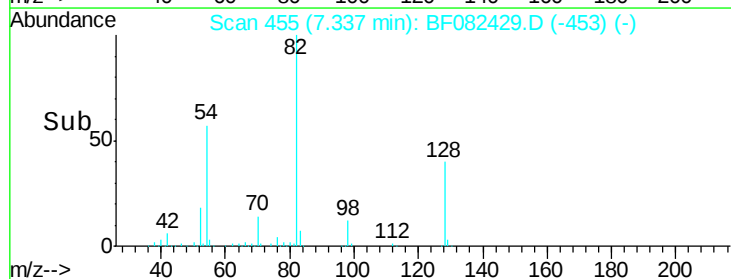
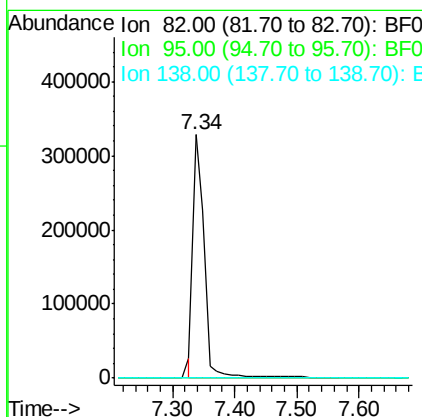
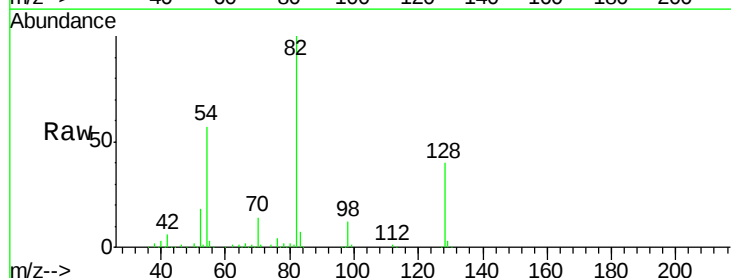
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

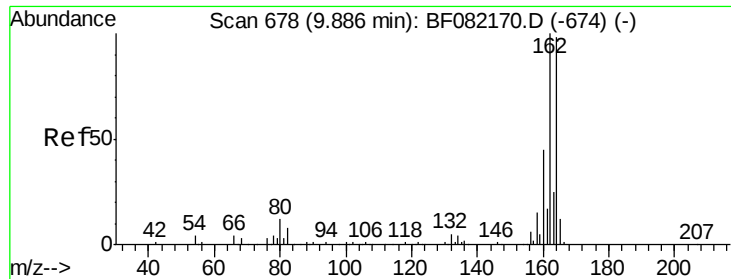
Tot Ion	82	Resp	442330
Ion Ratio	Lower	Upper	
82	100		
128	39.8	38.7	58.1
54	57.2	40.1	60.1



#25
 Isophorone
 Concen: 42.74 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Tgt Ion	82	Resp	411788
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

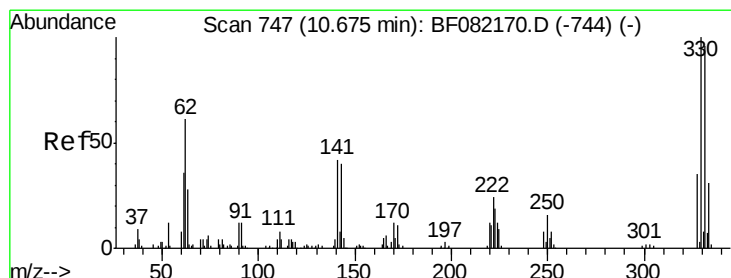
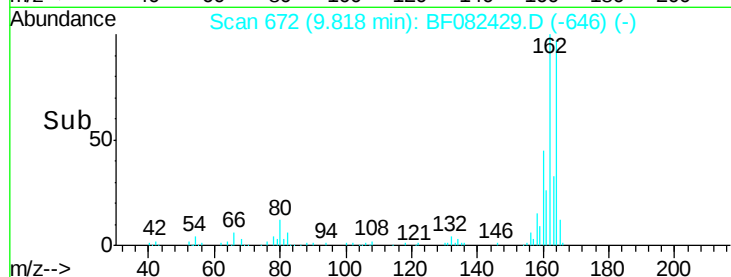
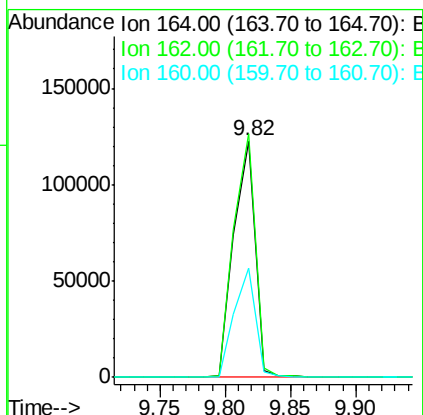
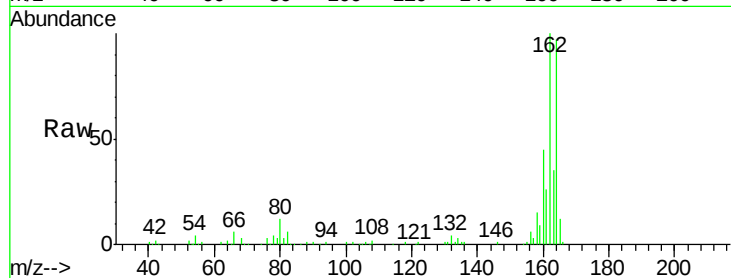




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

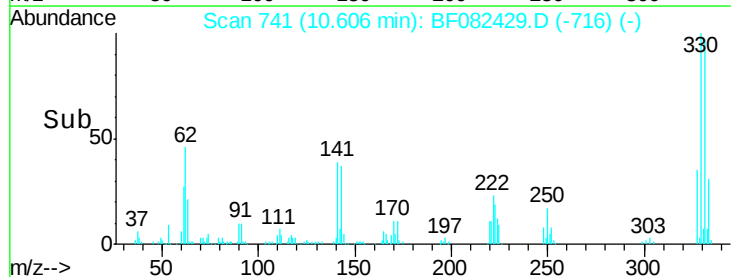
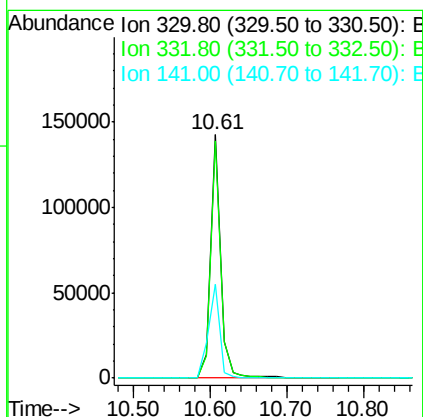
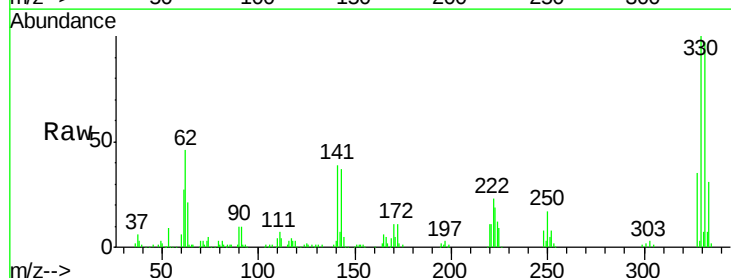
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-02(0-2)

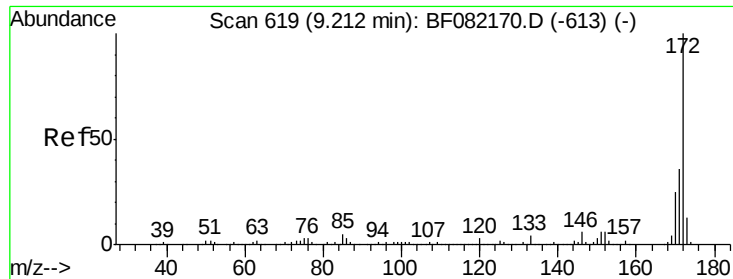
Tot Ion:164 Resp: 138691
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 46.3 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 99.09 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

Tgt Ion:330 Resp: 128887
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 43.8 29.8 44.8

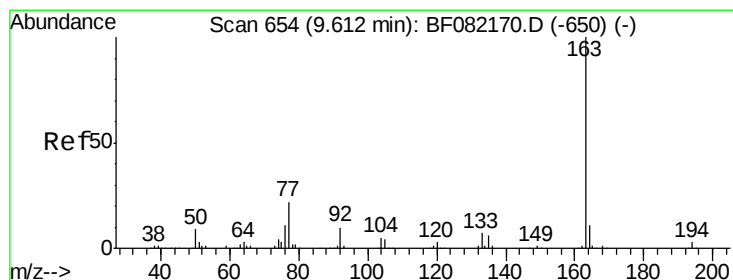
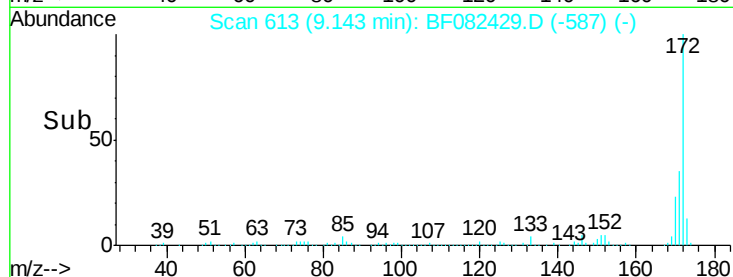
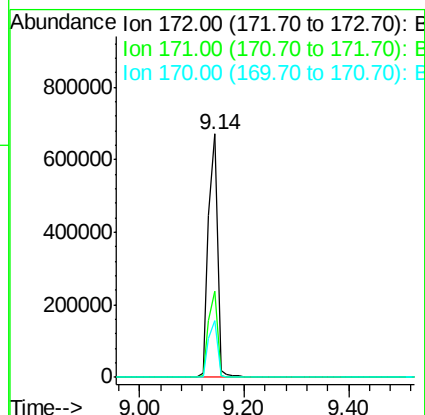
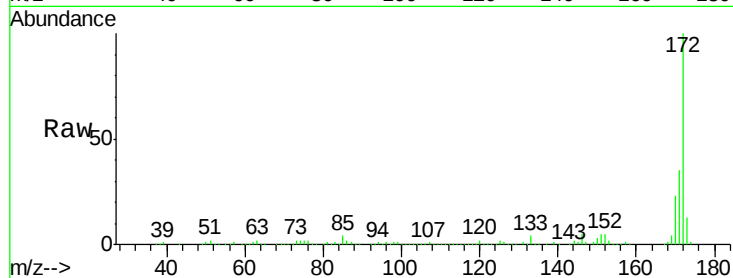




#44
2-Fluorobiphenyl
Concen: 97.00 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

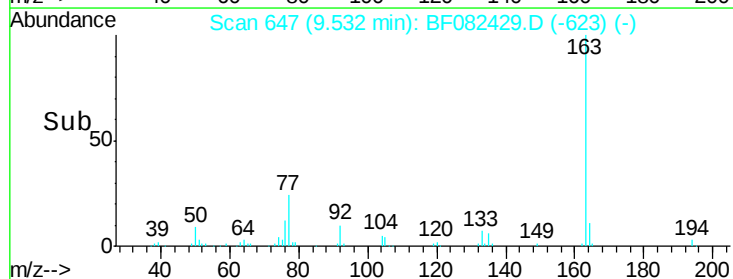
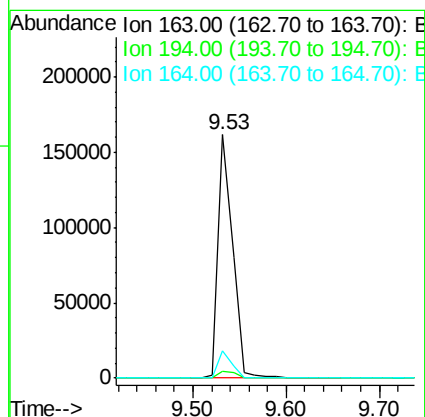
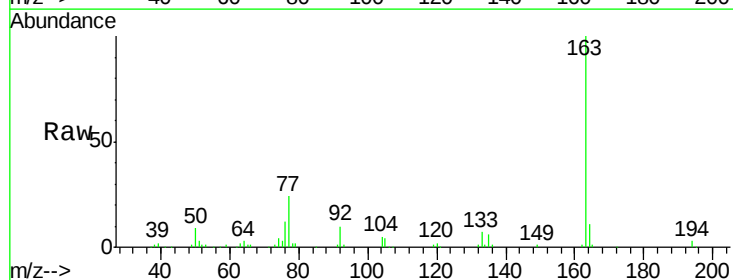
Instrument :
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BRIDGE-14-02(0-2)

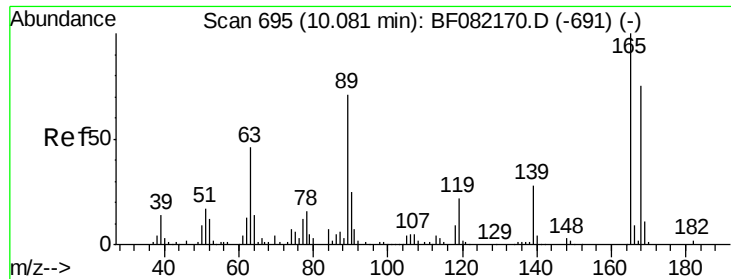
Tot Ion:172 Resp: 811244
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.4 19.7 29.5



#49
Dimethylphthalate
Concen: 17.73 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

Tgt Ion:163 Resp: 173169
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.0 8.5 12.7

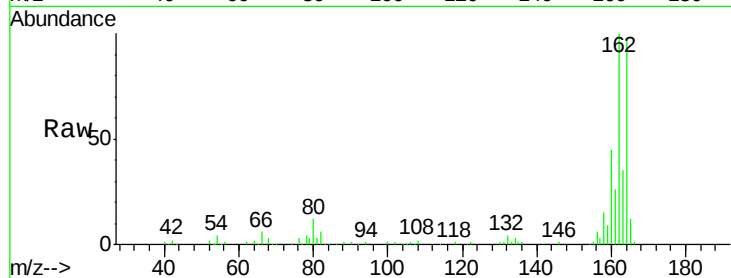




#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#

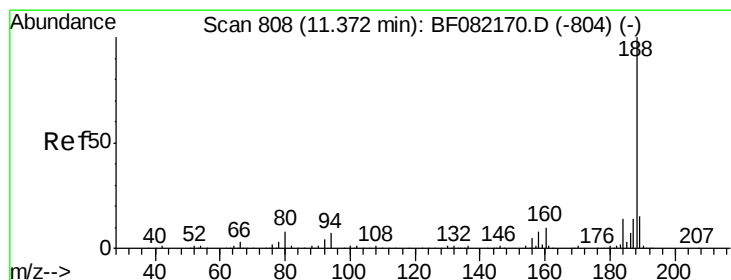
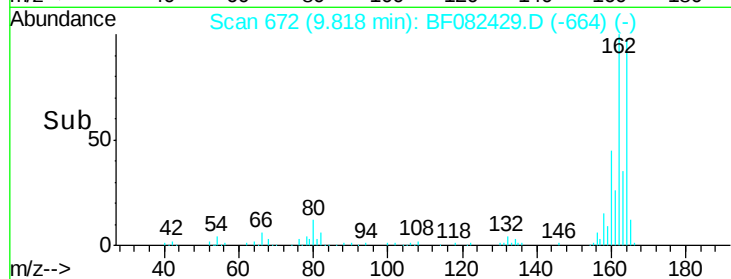
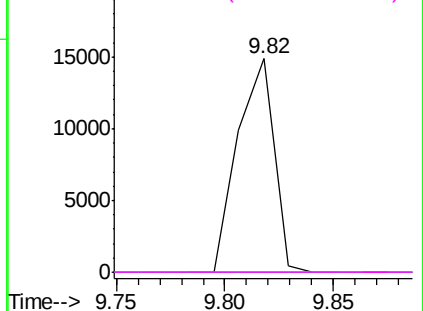


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

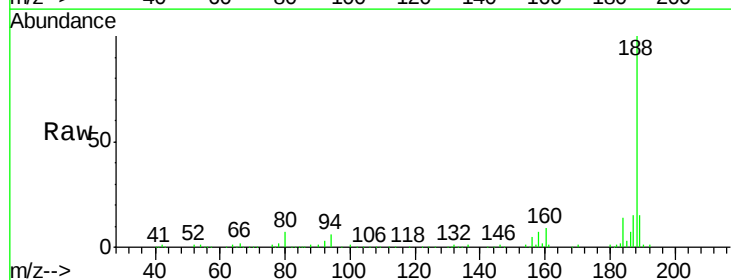
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

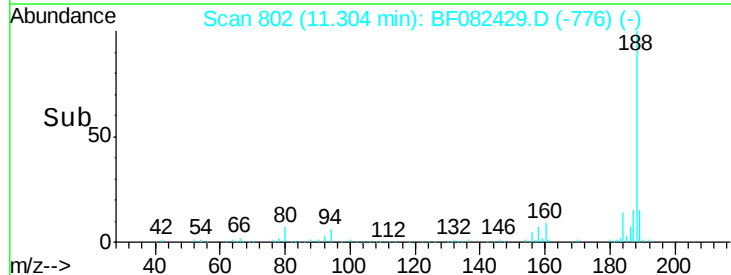
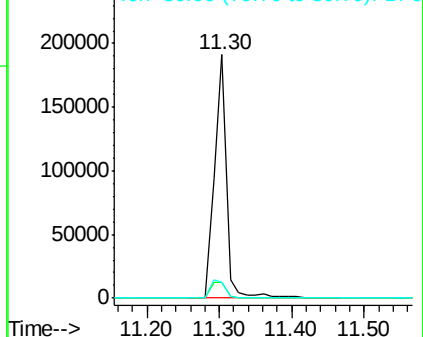
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.8	8.6
80	6.7	6.4	9.6

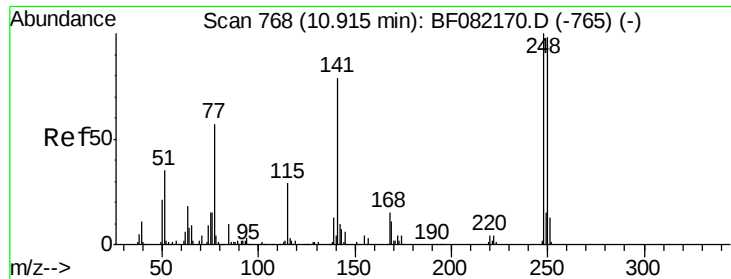


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

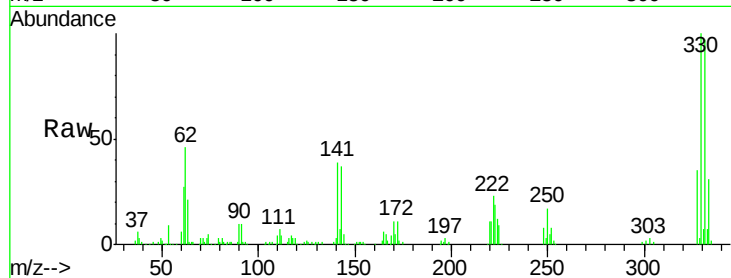




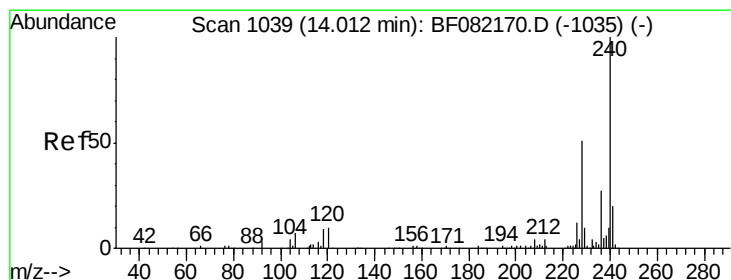
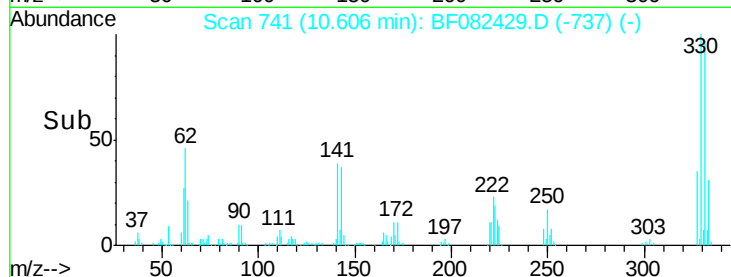
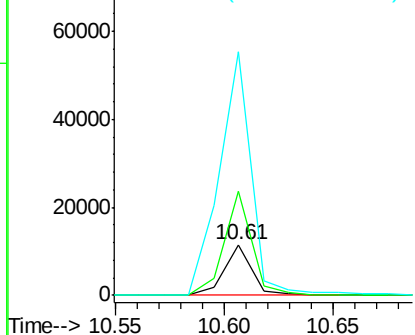
#66
4-Bromophenyl-phenylether
Concen: 4.68 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-02(0-2)

Tot Ion:248 Resp: 10259
Ion Ratio Lower Upper
248 100
250 204.6 78.6 117.8#
141 478.1 63.3 94.9#

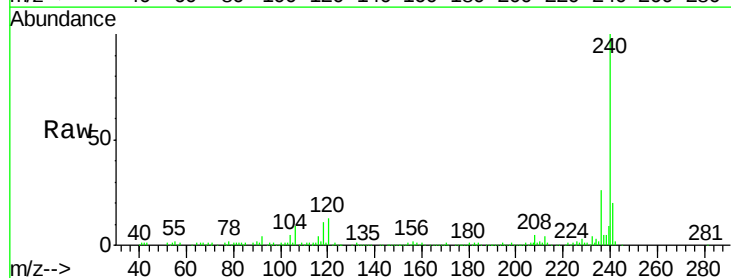


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

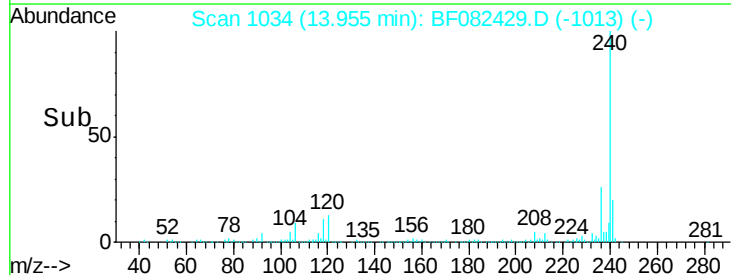
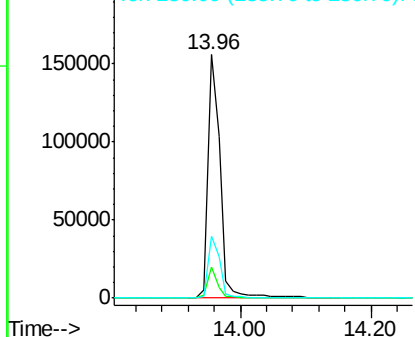


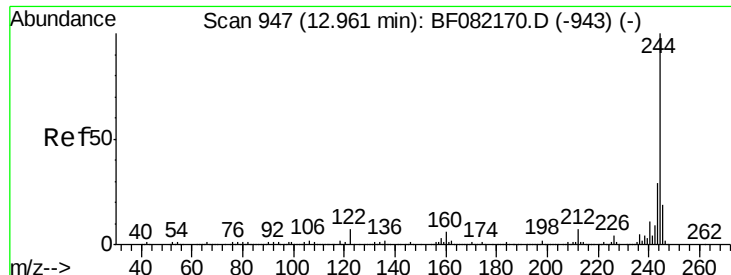
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF082429.D
Acq: 22 Oct 2015 4:08

Tgt Ion:240 Resp: 202729
Ion Ratio Lower Upper
240 100
120 12.8 8.1 12.1#
236 25.5 21.3 31.9



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

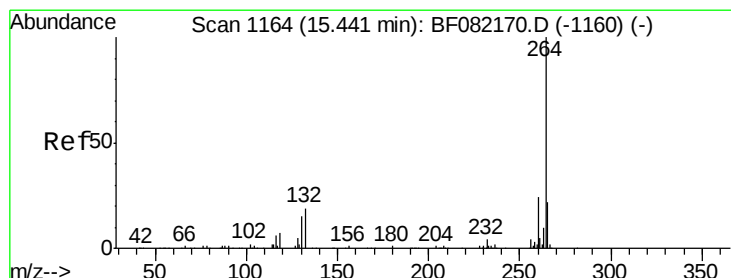
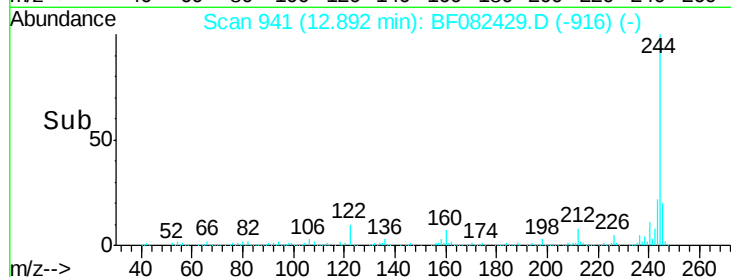
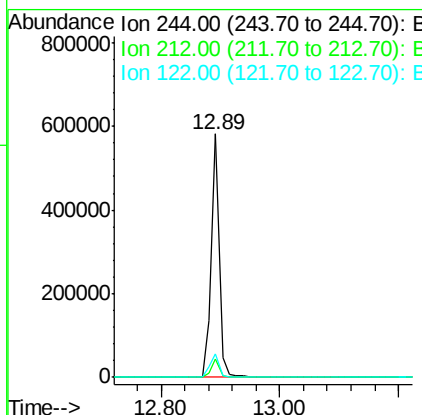
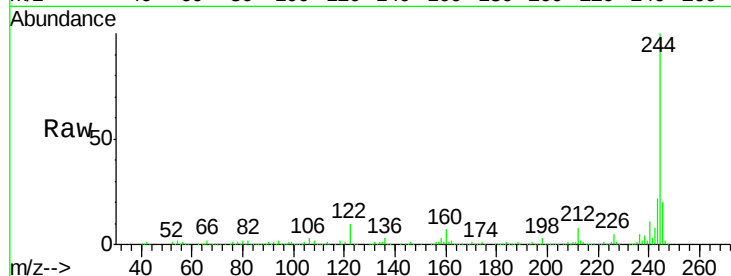




#78
 Terphenyl-d14
 Concen: 71.75 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

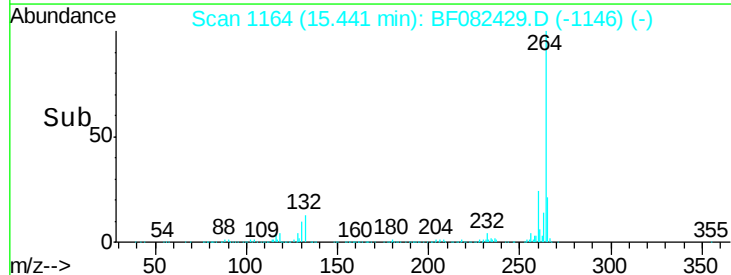
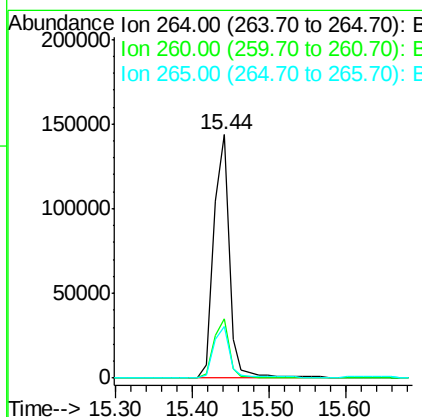
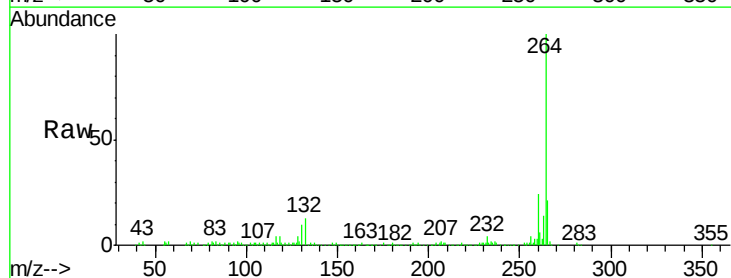
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

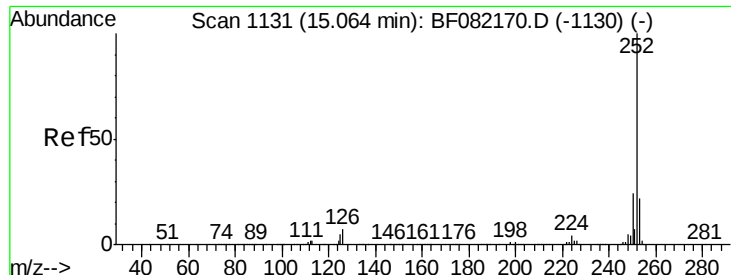
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.6	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.09 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.4	17.3	25.9





#88
 Benzo(k)fluoranthene
 Concen: 2.30 ng
 RT: 15.03 min Scan# 1128
 Delta R.T. -0.13 min
 Lab File: BF082429.D
 Acq: 22 Oct 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	17.2	6.7	10.1

