

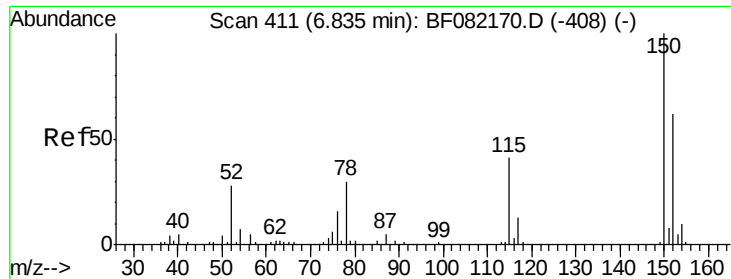
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082499.D
 Acq On : 24 Oct 2015 8:12
 Operator : UM/IZ
 Sample : G4116-09RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Oct 24 23:20:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91004	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	336283	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	158901	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	281221	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	206941	20.00	ng	-0.09
86) Perylene-d12	15.43	264	196043	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	662734	146.98	ng	0.01
7) Phenol-d6	6.41	99	857577	146.15	ng	-0.01
23) Nitrobenzene-d5	7.33	82	472515	94.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	166674	111.85	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	815318	85.09	ng	-0.01
78) Terphenyl-d14	12.88	244	671827	86.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	62172	15.09	ng	# 79
49) Dimethylphthalate	9.52	163	207677	18.56	ng	99
56) 2,4-Dinitrotoluene	9.79	165	20183	6.84	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	12764	4.54	ng	# 1
80) Benzo(a)anthracene	13.98	228	21873	2.03	ng	95
88) Benzo(k)fluoranthene	15.02	252	22361	2.23	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

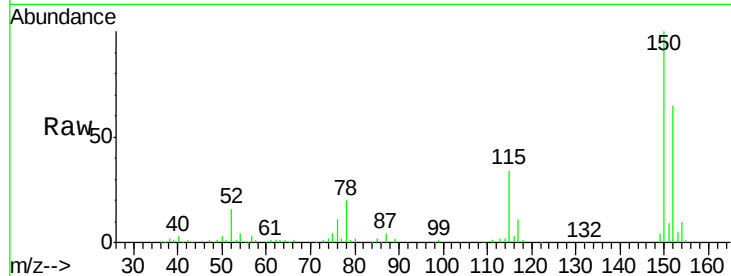
Tgt Ion:152 Resp: 91004

Ion Ratio Lower Upper

152 100

150 154.3 129.0 193.4

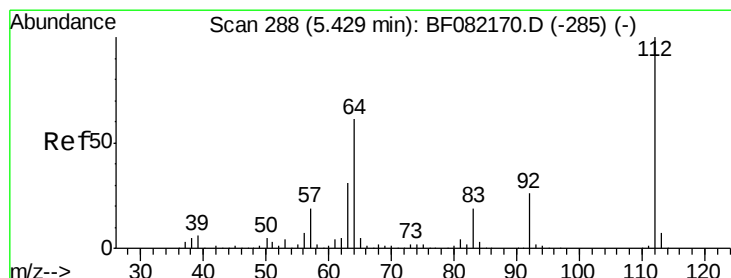
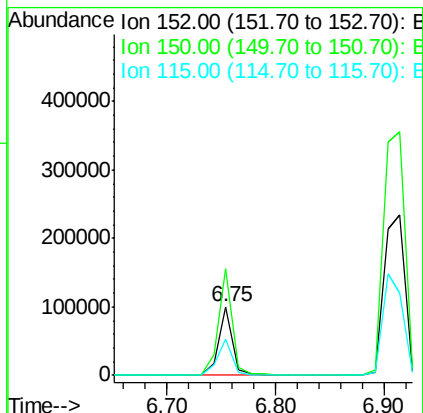
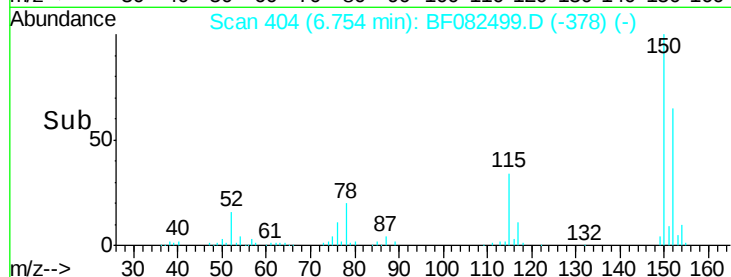
115 52.7 52.1 78.1



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



#5

2-Fluorophenol

Concen: 146.98 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

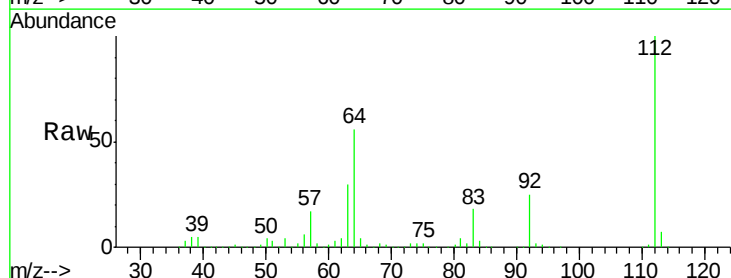
Tgt Ion:112 Resp: 662734

Ion Ratio Lower Upper

112 100

64 56.2 48.6 73.0

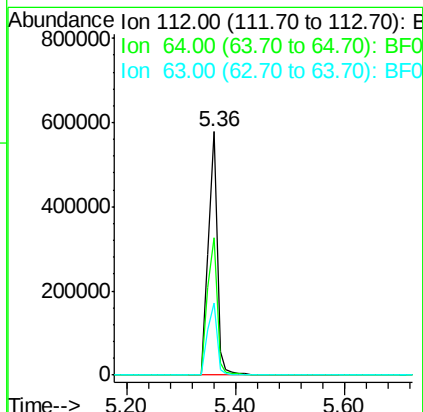
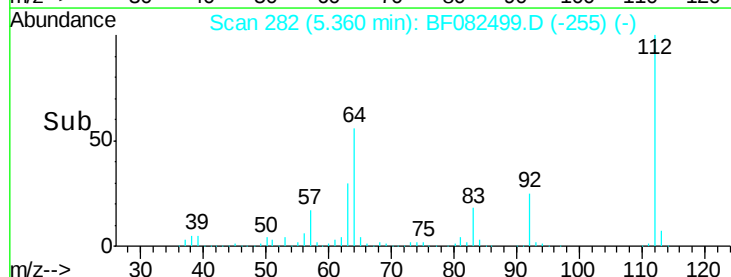
63 29.7 25.1 37.7

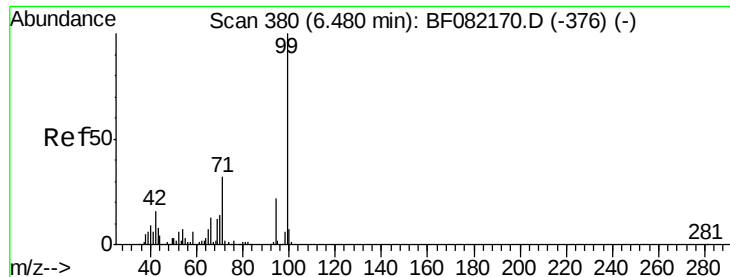


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.15 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

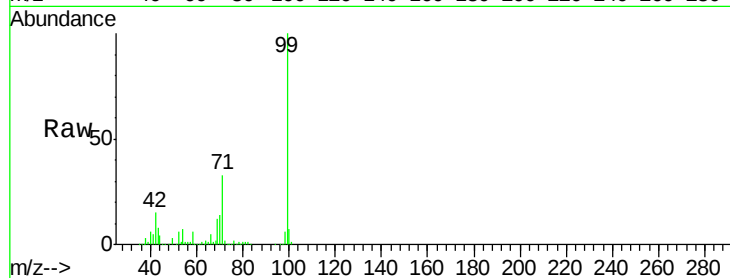
Tgt Ion: 99 Resp: 857577

Ion Ratio Lower Upper

99 100

42 15.4 13.2 19.8

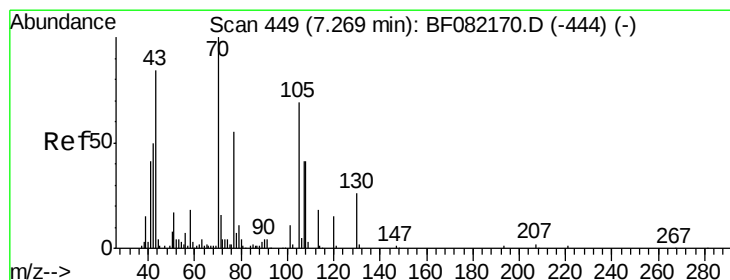
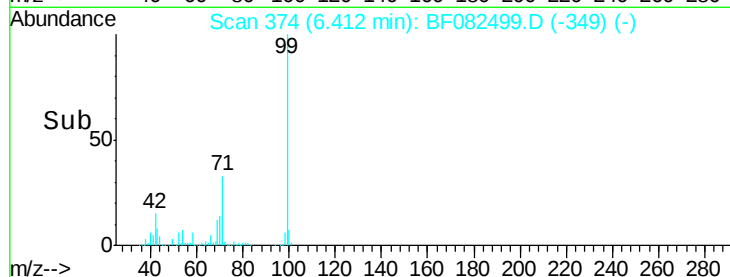
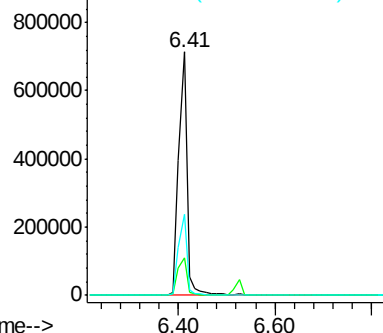
71 33.1 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.09 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

Tgt Ion: 70 Resp: 62172

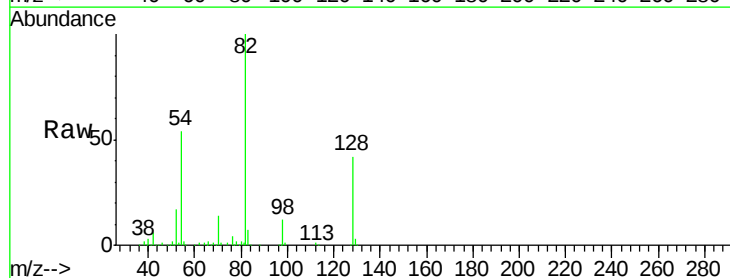
Ion Ratio Lower Upper

70 100

42 45.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

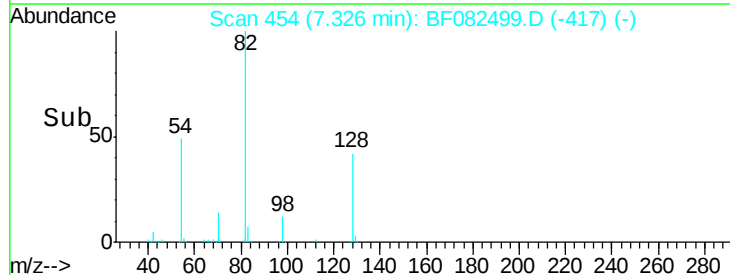
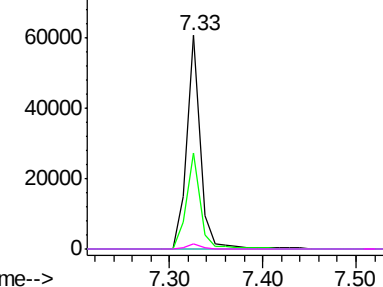


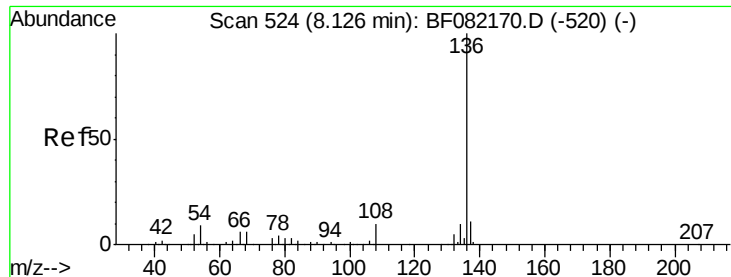
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

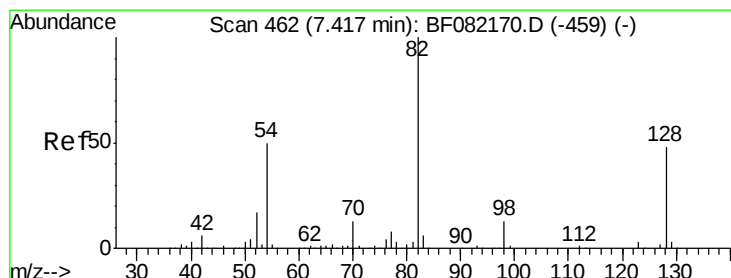
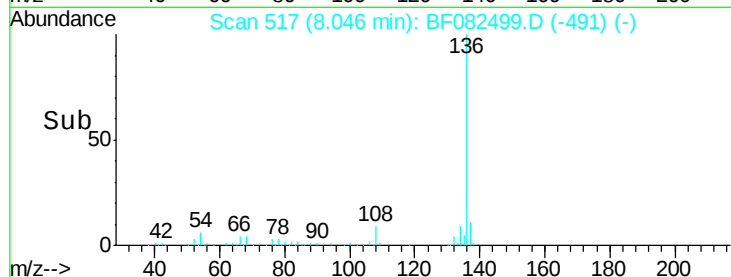
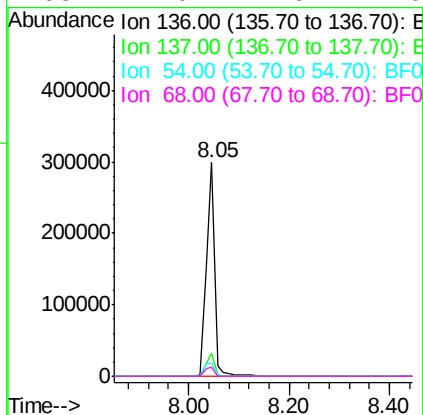
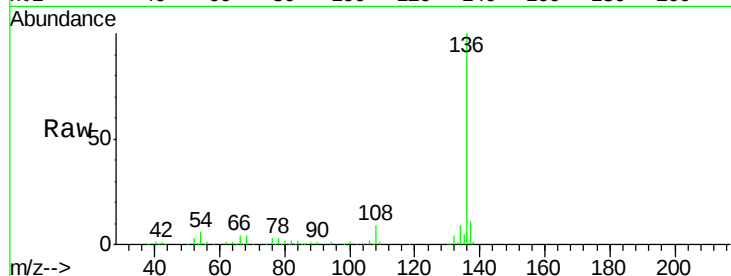




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

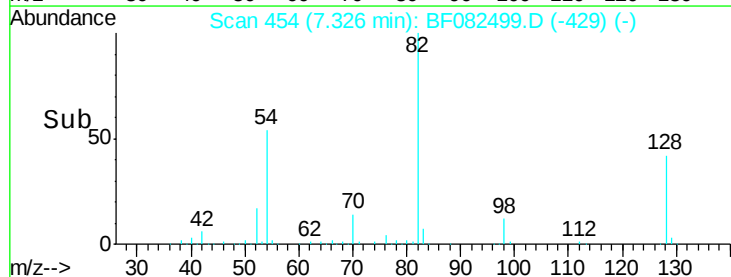
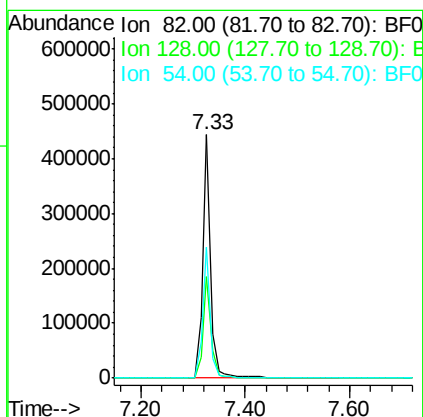
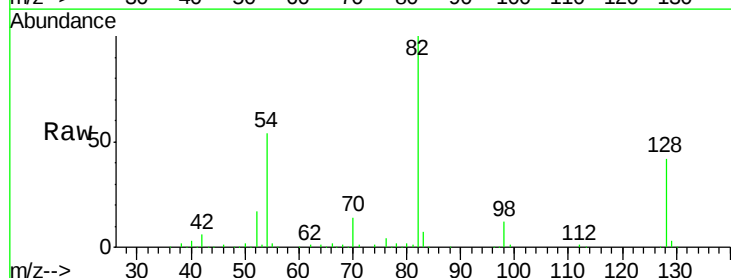
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-02(0-2)

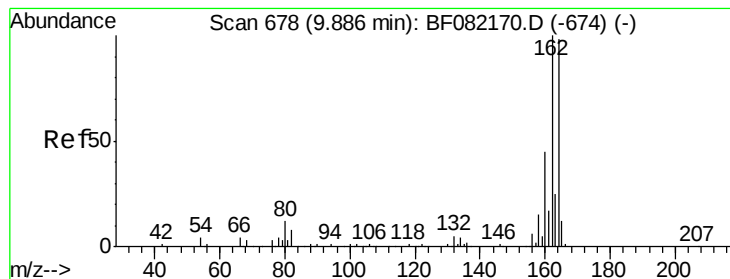
Tgt Ion:	136	Resp:	336283
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	7.5	11.3#
68	4.0	4.6	7.0#



#23
Nitrobenzene-d5
Concen: 94.36 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

Tgt Ion:	82	Resp:	472515
Ion	Ratio	Lower	Upper
82	100		
128	41.9	38.7	58.1
54	54.0	40.1	60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

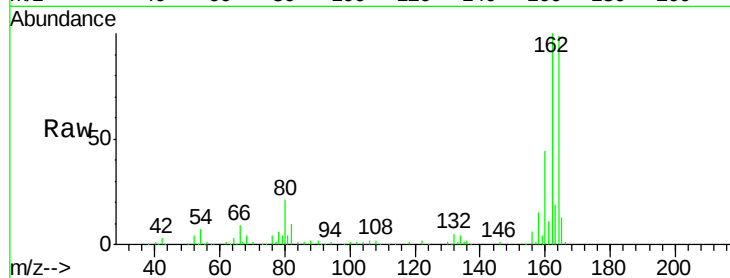
Tgt Ion:164 Resp: 158901

Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

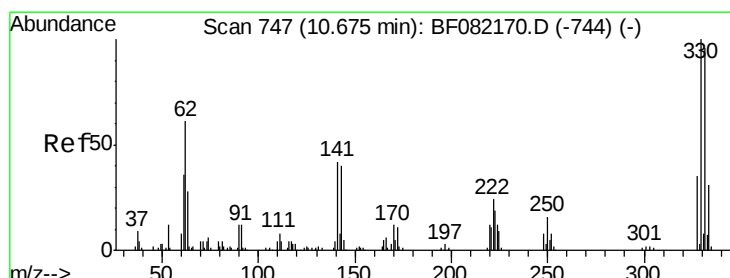
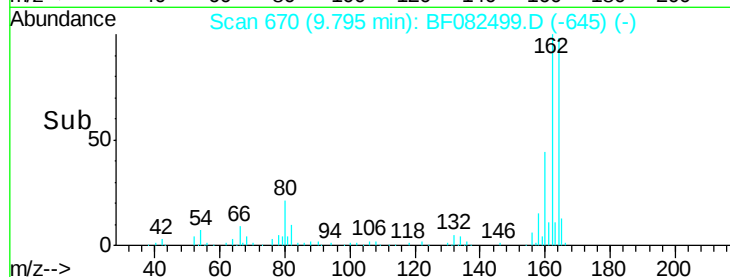
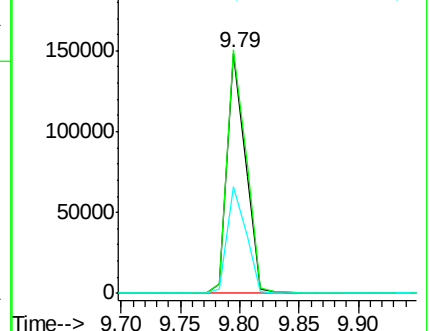
160 44.2 36.4 54.6



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: 111.85 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

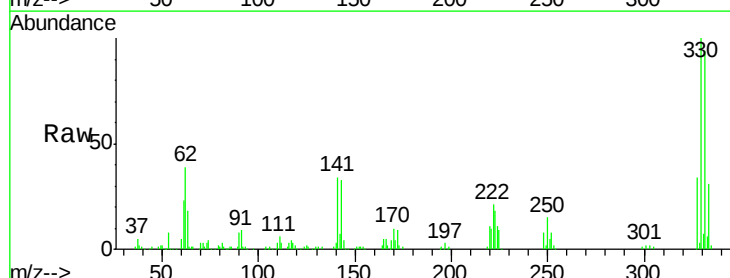
Tgt Ion:330 Resp: 166674

Ion Ratio Lower Upper

330 100

332 94.6 77.1 115.7

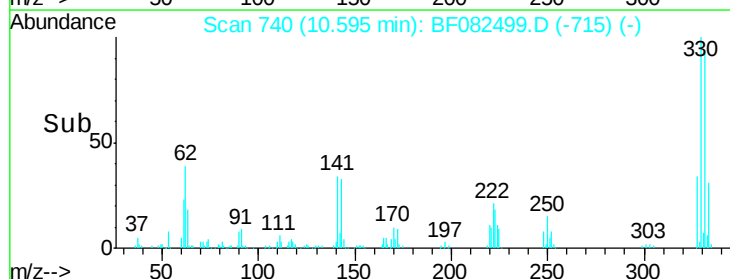
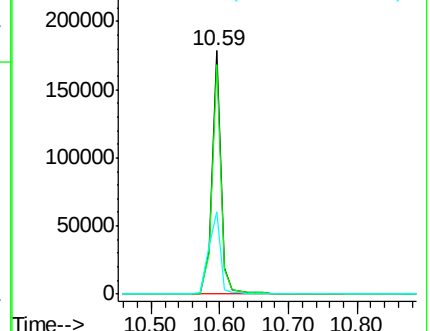
141 42.7 29.8 44.8

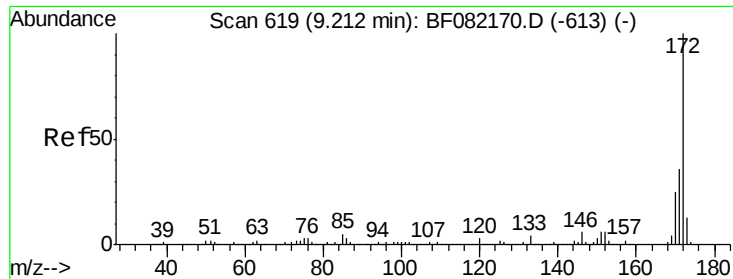


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

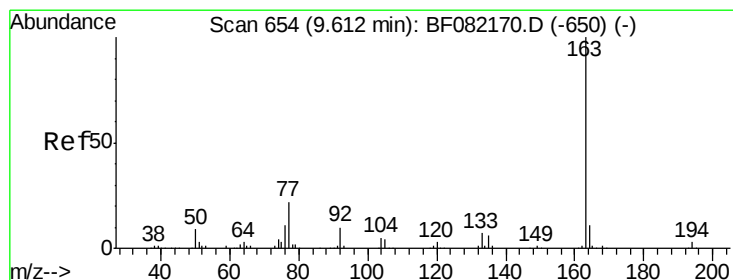
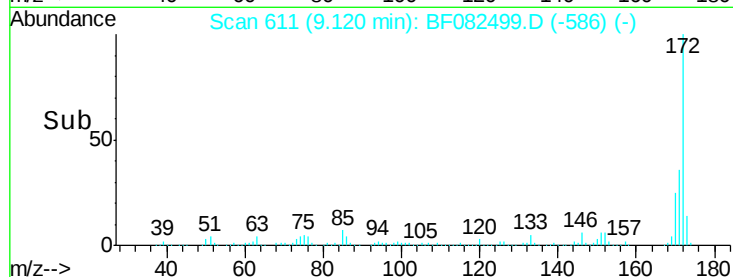
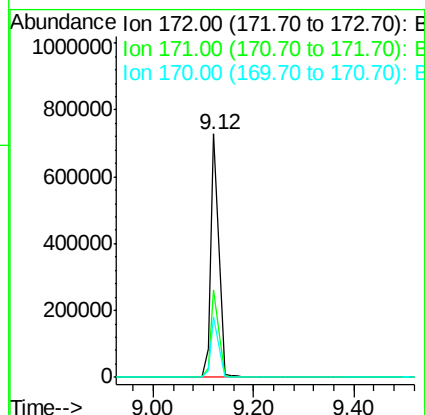
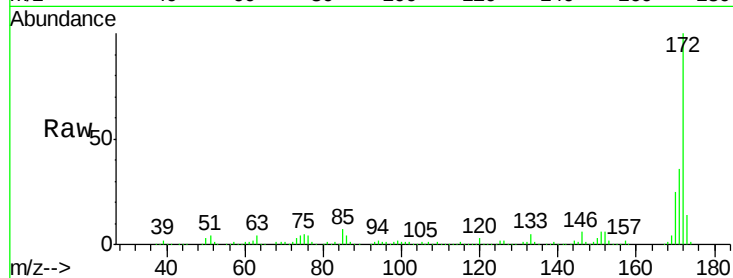




#44
 2-Fluorobiphenyl
 Concen: 85.09 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082499.D
 Acq: 24 Oct 2015 8:12

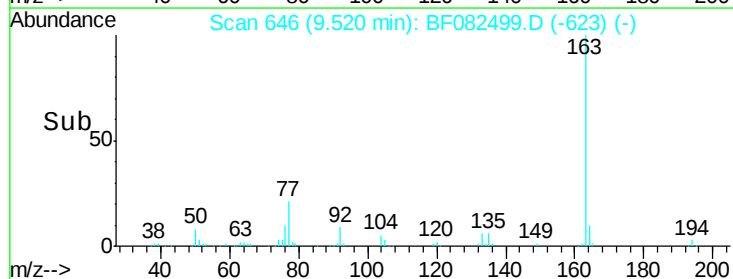
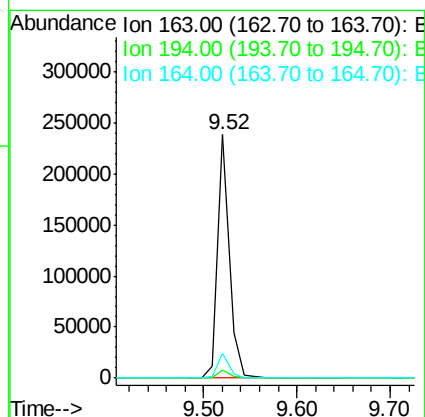
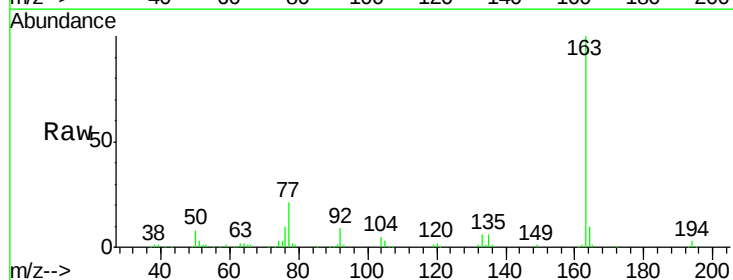
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-02(0-2)

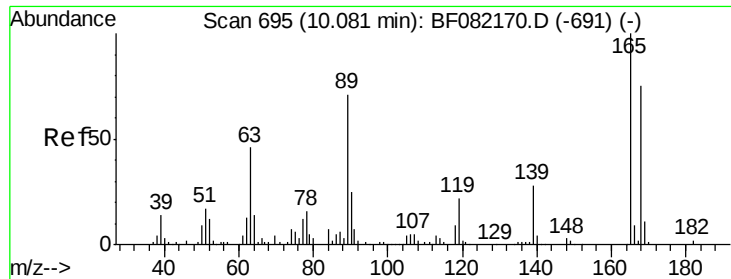
Tgt Ion:172 Resp: 815318
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 24.8 19.7 29.5



#49
 Dimethylphthalate
 Concen: 18.56 ng
 RT: 9.52 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF082499.D
 Acq: 24 Oct 2015 8:12

Tgt Ion:163 Resp: 207677
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.0 8.5 12.7

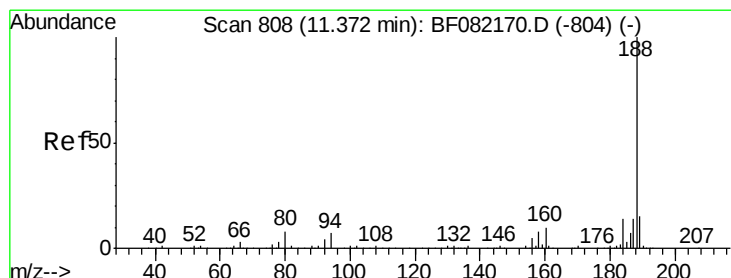
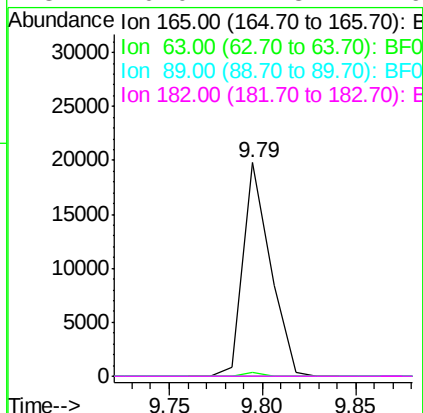
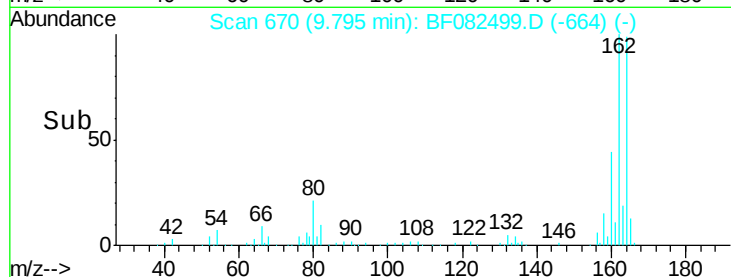
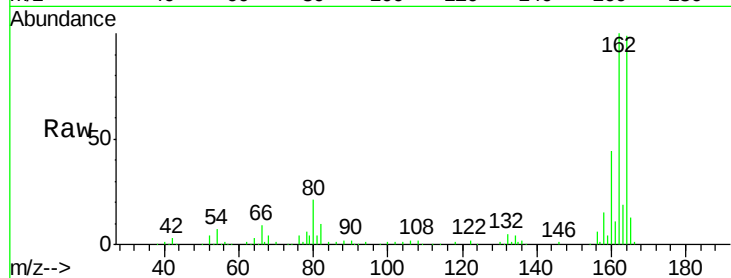




#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.23 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

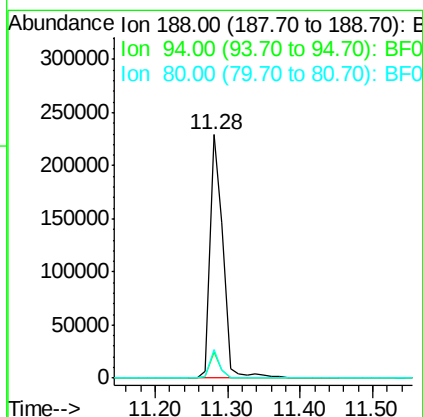
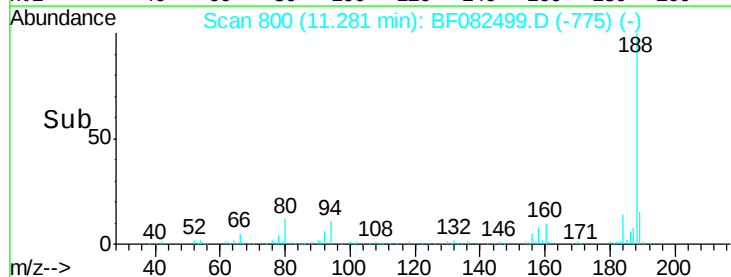
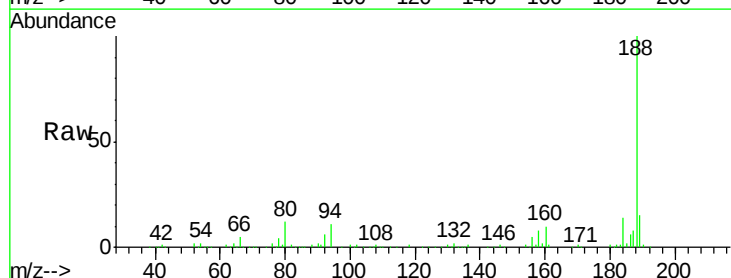
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-02(0-2)

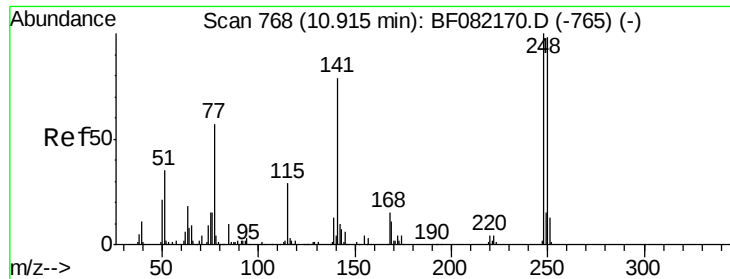
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.8	8.6#
80	11.9	6.4	9.6#

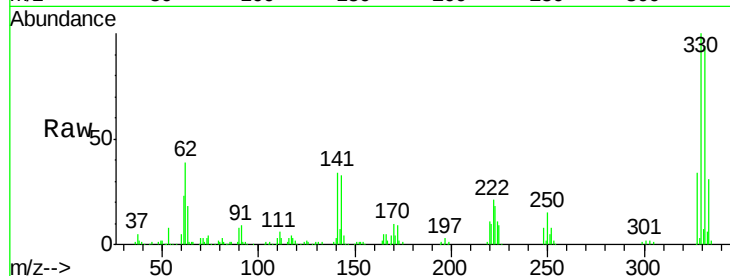




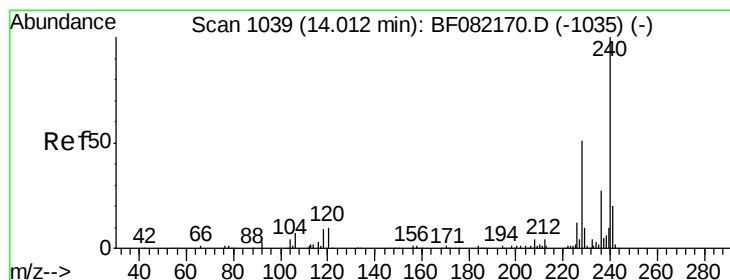
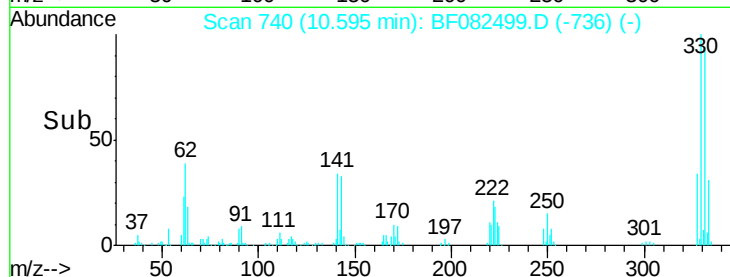
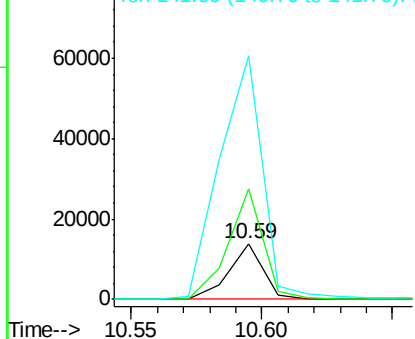
#66
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

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

Tgt Ion:248 Resp: 12764
Ion Ratio Lower Upper
248 100
250 197.6 78.6 117.8#
141 434.5 63.3 94.9#

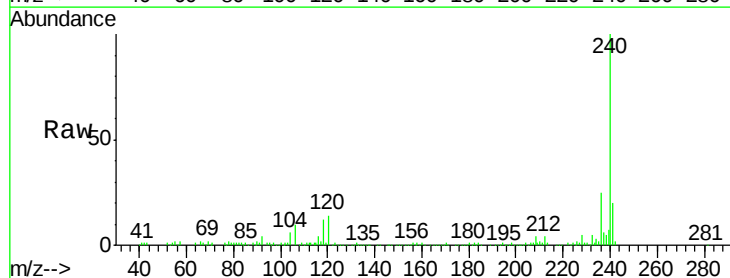


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

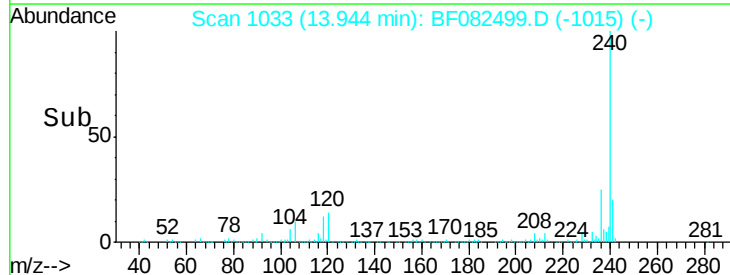
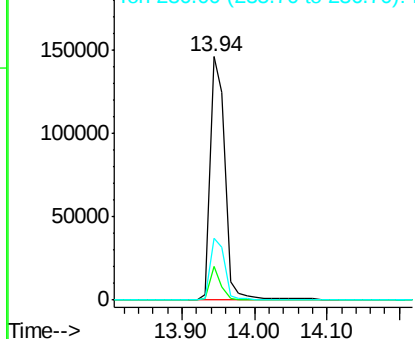


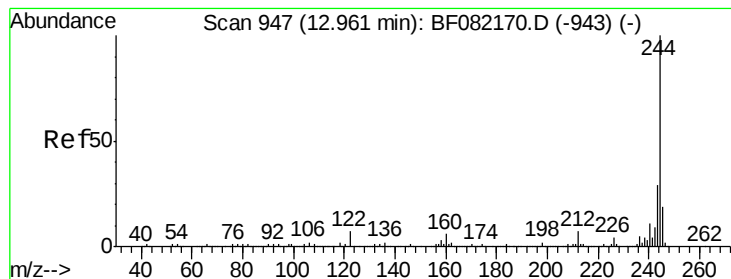
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

Tgt Ion:240 Resp: 206941
Ion Ratio Lower Upper
240 100
120 13.9 8.1 12.1#
236 25.2 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: 86.03 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BRIDGE-14-02(0-2)

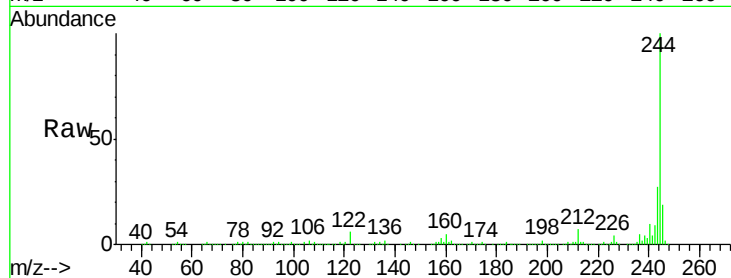
Tgt Ion:244 Resp: 671827

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

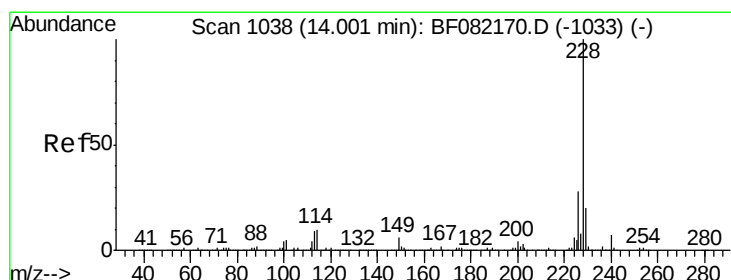
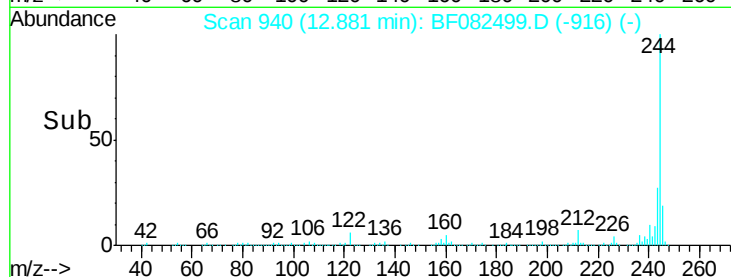
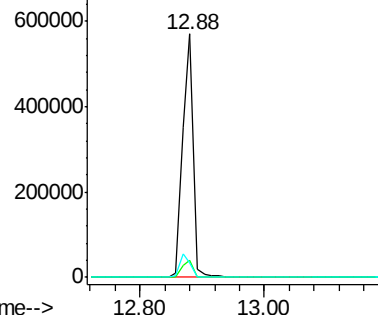
122 6.2 5.9 8.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.03 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF082499.D

Acq: 24 Oct 2015 8:12

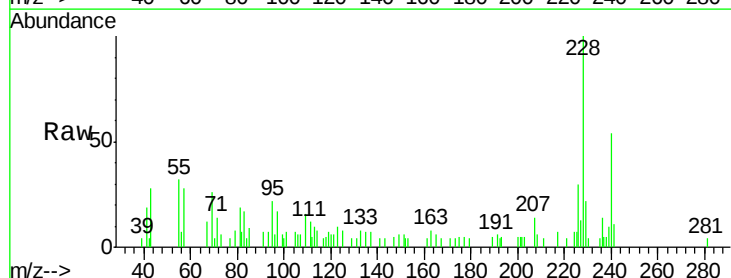
Tgt Ion:228 Resp: 21873

Ion Ratio Lower Upper

228 100

226 30.3 22.3 33.5

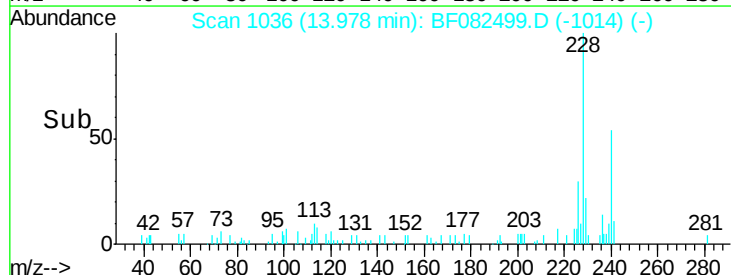
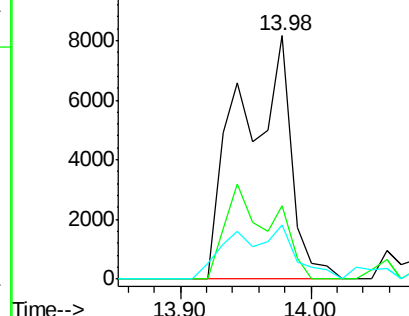
229 22.4 16.2 24.2

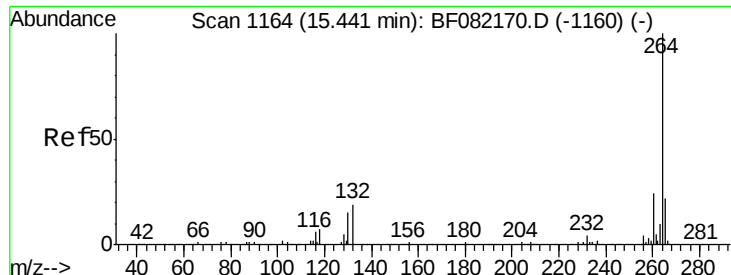


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

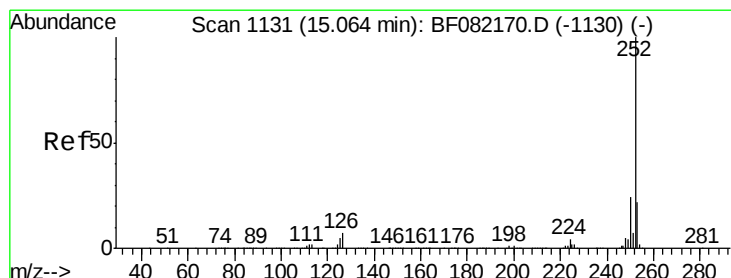
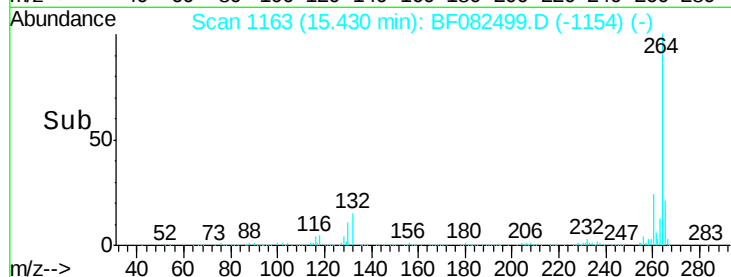
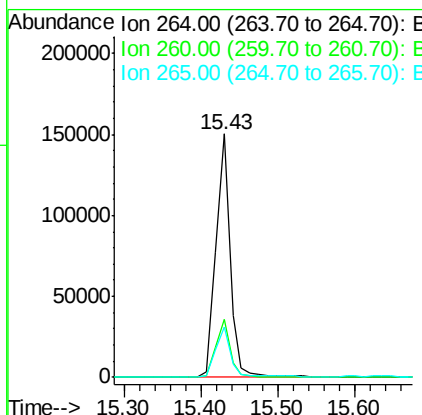
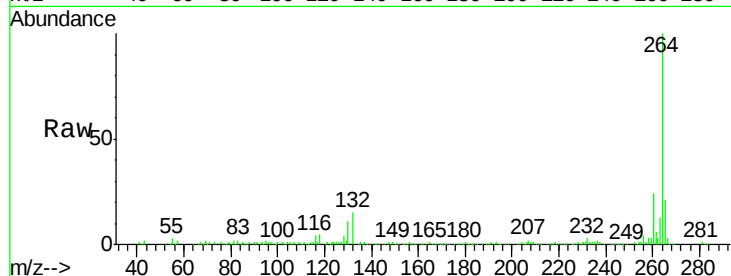




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1163
Delta R.T. -0.19 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

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

Tgt Ion: 264 Resp: 196043
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 20.7 17.3 25.9



#88
Benzo(k)fluoranthene
Concen: 2.23 ng
RT: 15.02 min Scan# 1127
Delta R.T. -0.22 min
Lab File: BF082499.D
Acq: 24 Oct 2015 8:12

Tgt Ion: 252 Resp: 22361
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 20.1 6.7 10.1#

