

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089826.D
 Acq On : 23 Aug 2016 11:25
 Operator : UM/SJ
 Sample : H4547-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-3(3-3.5)

Quant Time: Aug 25 13:30:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

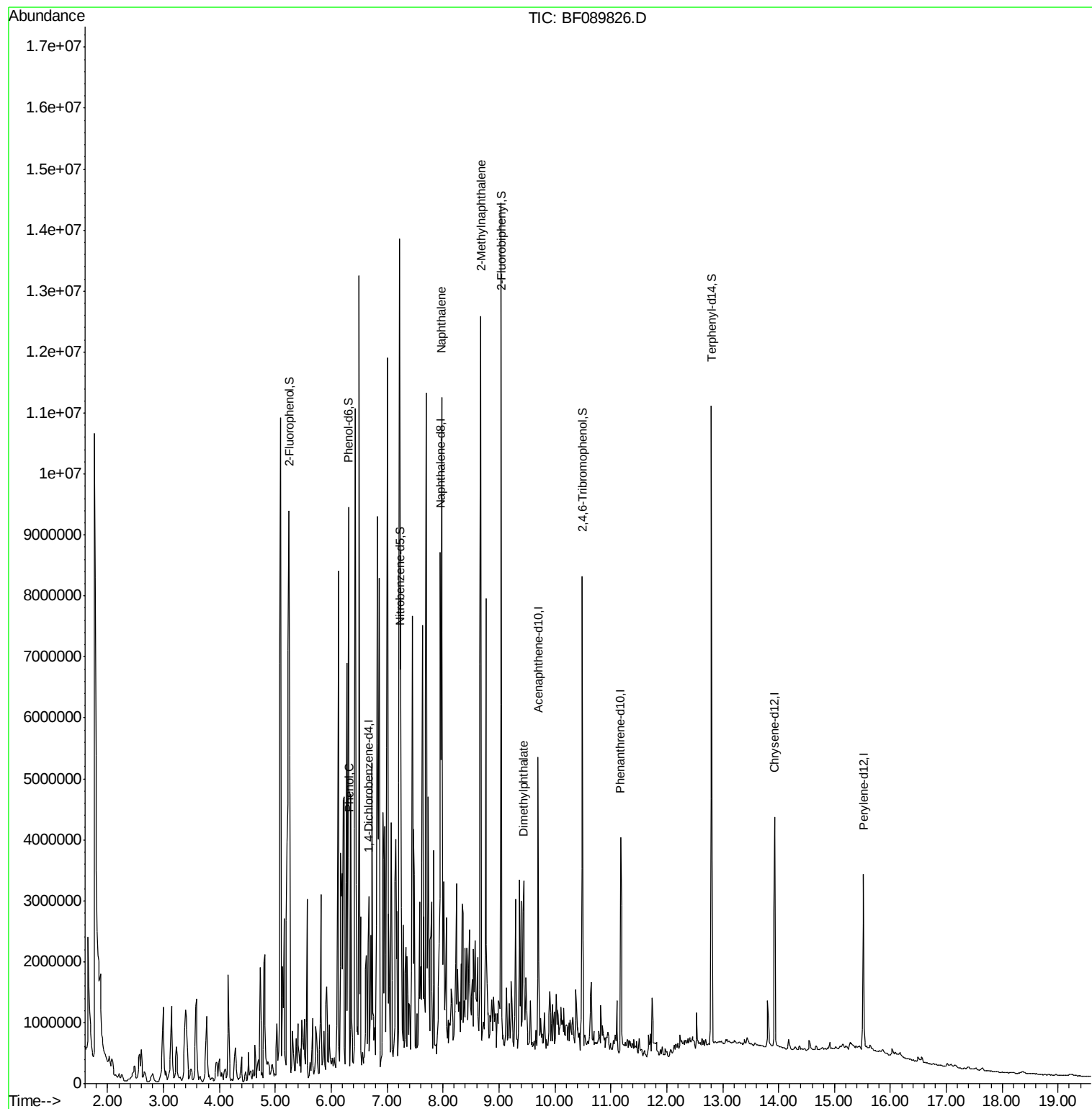
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	476851	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1812346	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	917707	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1712722	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	1585700	20.00	ng	0.06
86) Perylene-d12	15.52	264	1398117	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3907921	140.54	ng	-0.01
7) Phenol-d6	6.31	99	4480322	131.26	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2838756	97.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	1132465	129.85	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4498119	86.15	ng	-0.01
78) Terphenyl-d14	12.80	244	3964530	56.56	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.32	94	160196	4.00	ng	97
31) Naphthalene	7.98	128	5210829	61.52	ng	96
37) 2-Methylnaphthalene	8.67	142	3831554	69.92	ng	97
49) Dimethylphthalate	9.44	163	1520003	23.52	ng	# 98

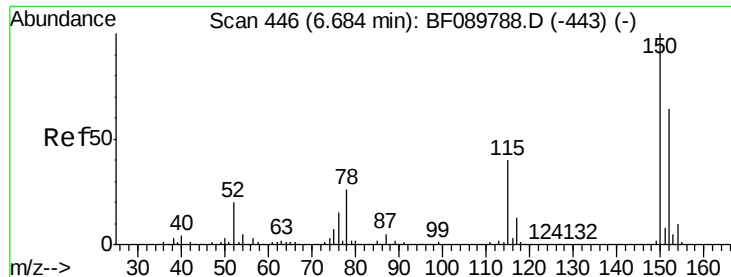
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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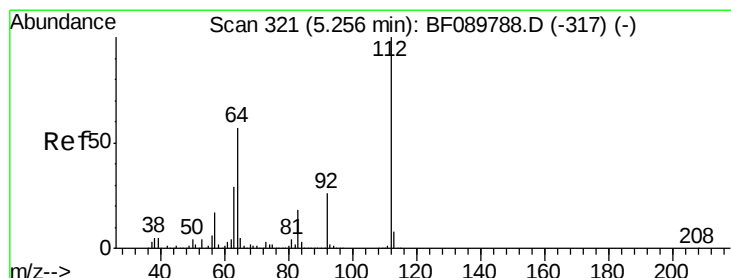
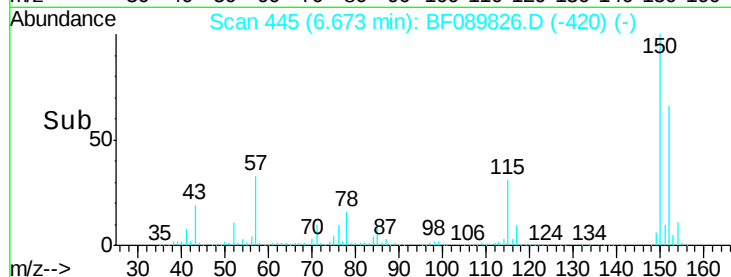
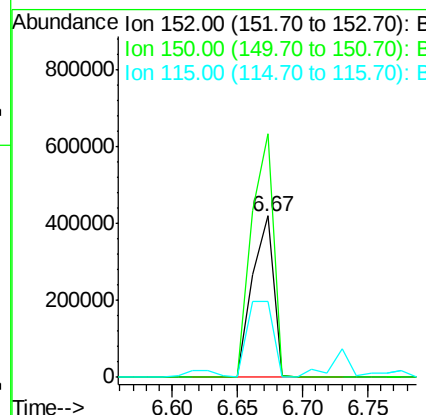
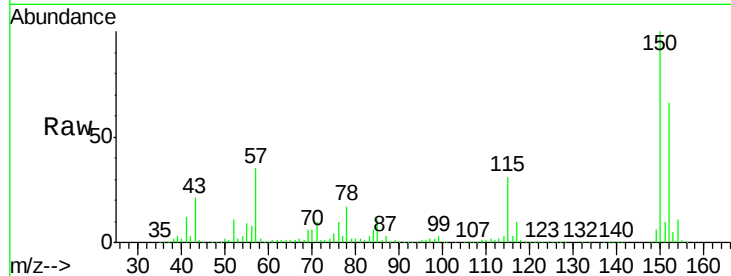




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BF089826.D
 Acq: 23 Aug 2016 11:25

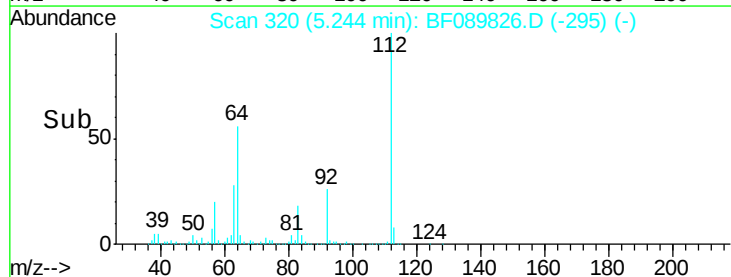
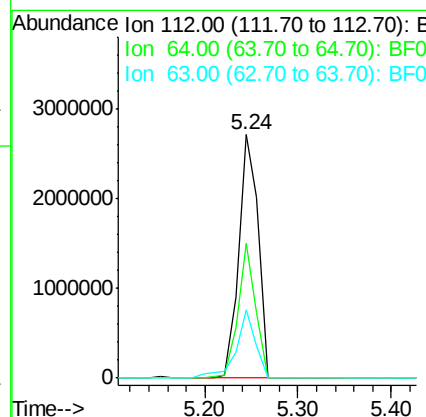
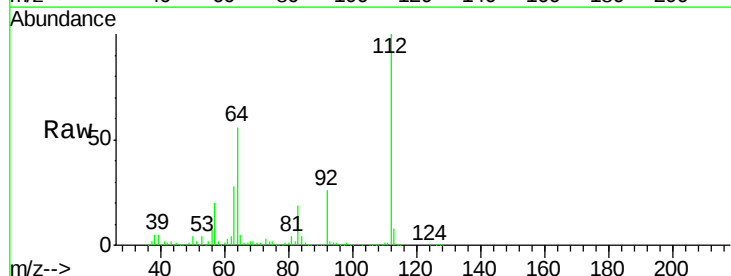
Instrument :
 BNA_F
 ClientSampleId :
 D-3(3-3.5)

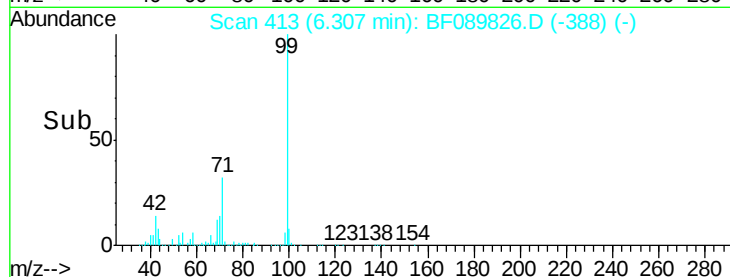
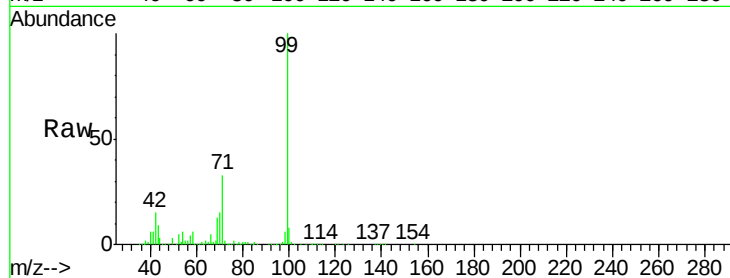
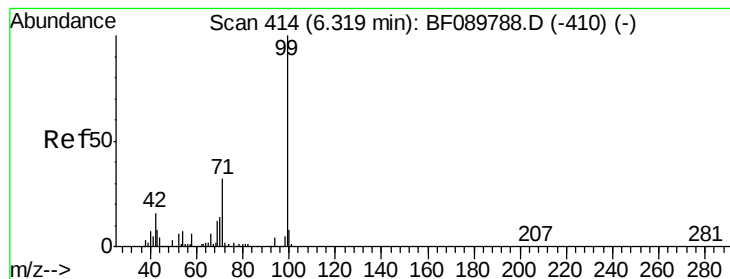
Tgt Ion:152 Resp: 476851
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.3 187.9
 115 47.0 40.9 61.3



#5
 2-Fluorophenol
 Concen: 140.54 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089826.D
 Acq: 23 Aug 2016 11:25

Tgt Ion:112 Resp: 3907921
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.0 67.4
 63 28.0 23.1 34.7





#7

Phenol-d6

Concen: 131.26 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

Instrument :

BNA_F

ClientSampleId :

D-3(3-3.5)

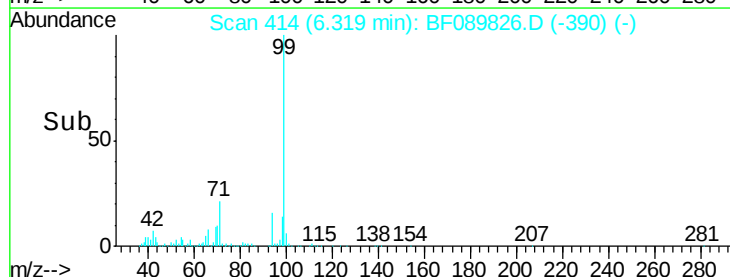
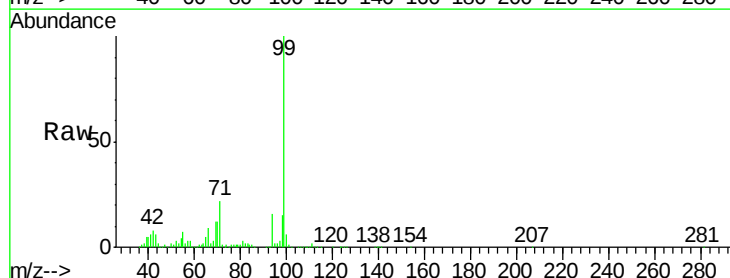
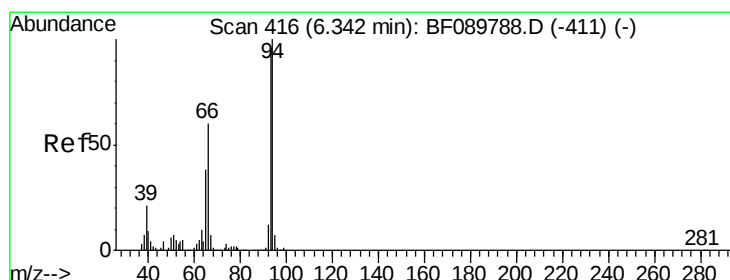
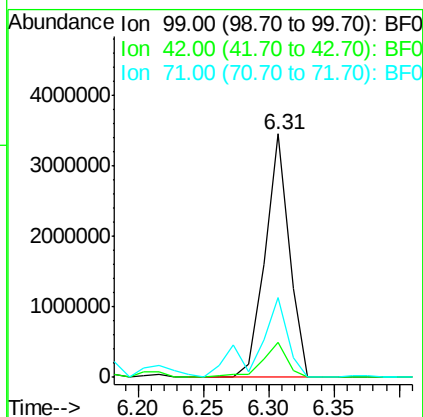
Tgt Ion: 99 Resp: 4480322

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.4

71 32.7 23.8 35.8



#10

Phenol

Concen: 4.00 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

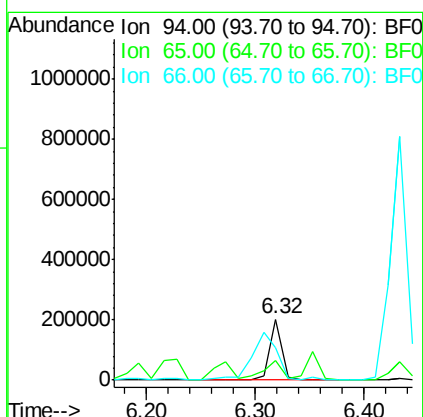
Tgt Ion: 94 Resp: 160196

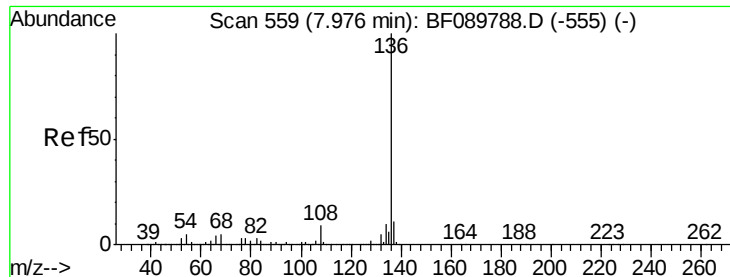
Ion Ratio Lower Upper

94 100

65 32.1 14.0 54.0

66 52.7 31.2 71.2

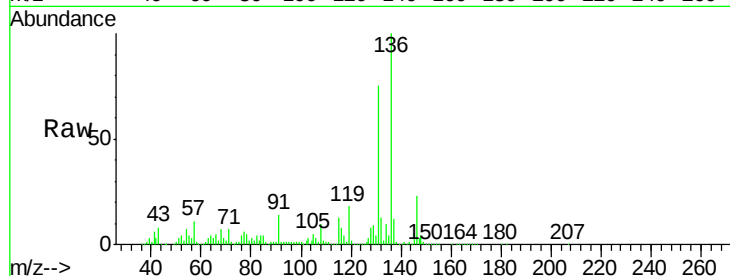




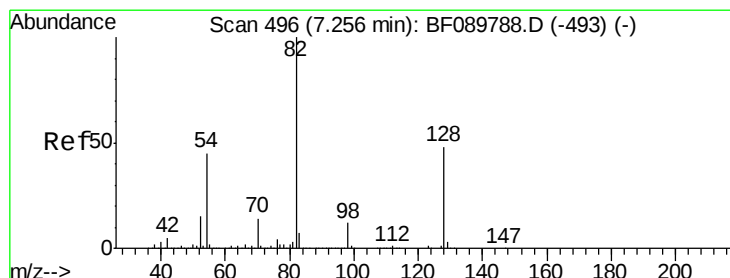
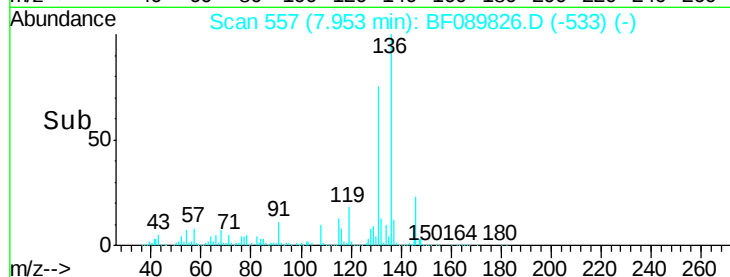
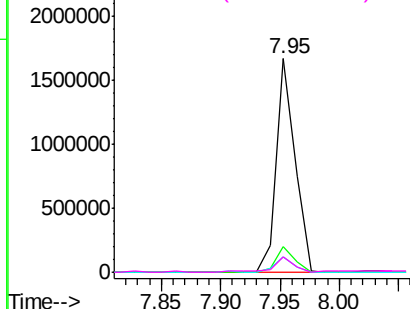
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089826.D
Acq: 23 Aug 2016 11:25

Instrument :
BNA_F
ClientSampleId :
D-3(3-3.5)

Tgt Ion:	136	Resp:	1812346
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	7.4	7.2	10.8
68	7.2	5.8	8.8

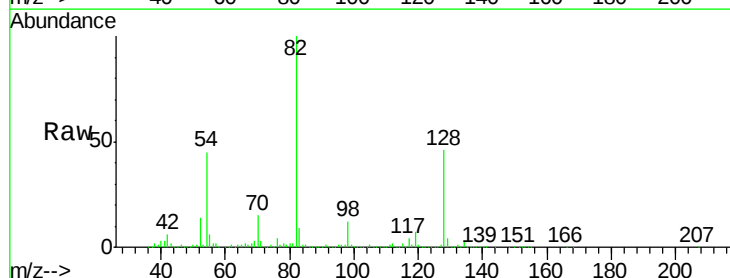


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

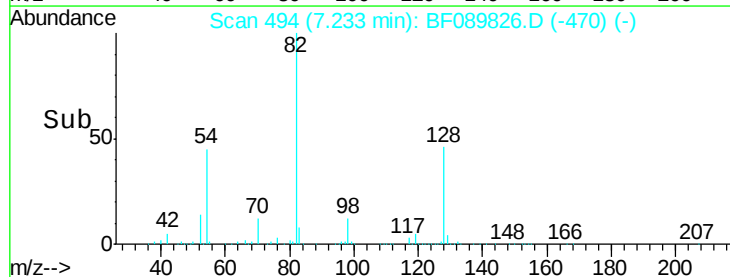
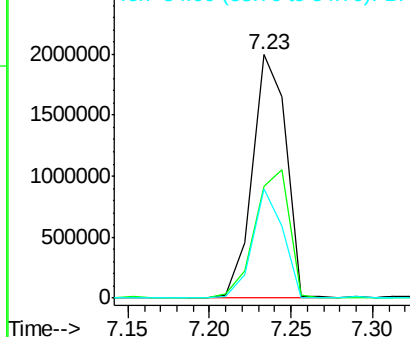


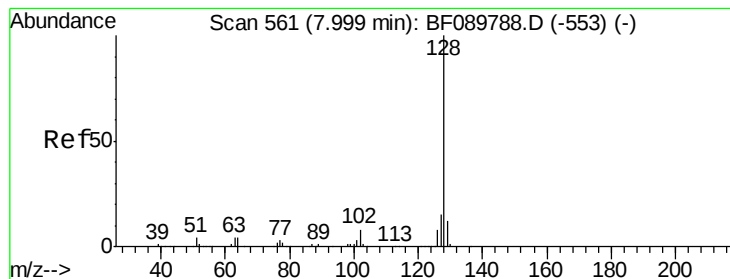
#23
Nitrobenzene-d5
Concen: 97.31 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089826.D
Acq: 23 Aug 2016 11:25

Tgt Ion:	82	Resp:	2838756
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.4	51.6
54	45.0	40.3	60.5



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





#31

Naphthalene

Concen: 61.52 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

Instrument :

BNA_F

ClientSampled :

D-3(3-3.5)

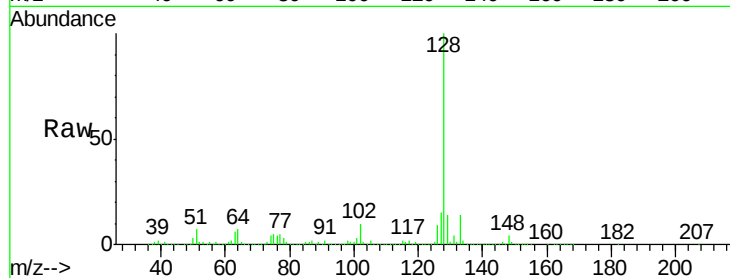
Tgt Ion:128 Resp: 5210829

Ion Ratio Lower Upper

128 100

129 13.8 9.5 14.3

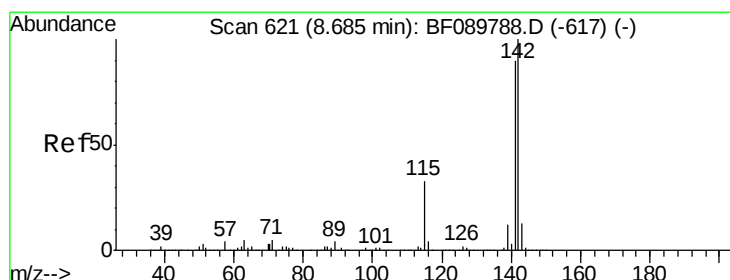
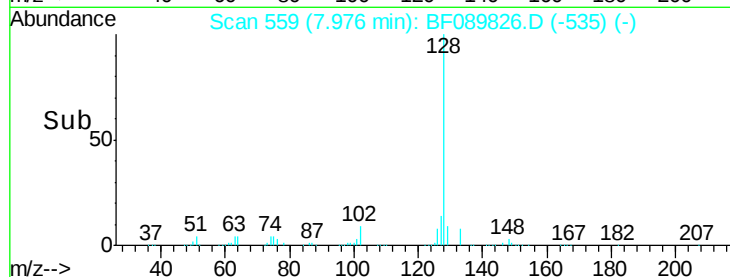
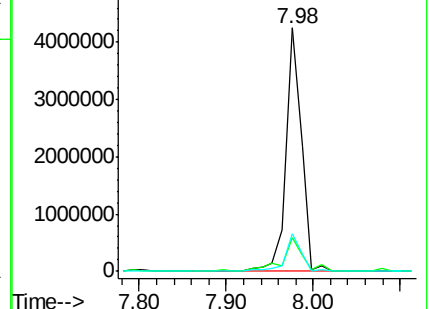
127 15.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 69.92 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

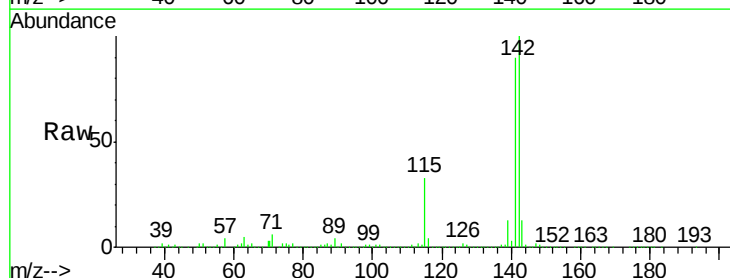
Tgt Ion:142 Resp: 3831554

Ion Ratio Lower Upper

142 100

141 90.0 71.4 107.2

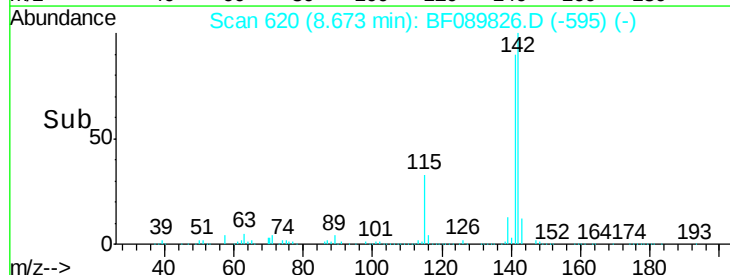
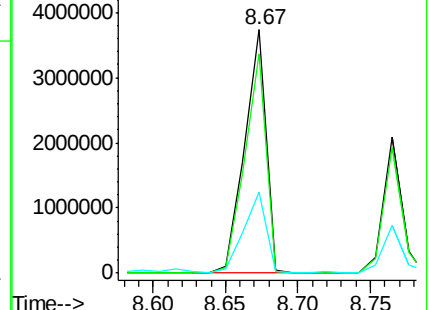
115 33.4 22.7 34.1

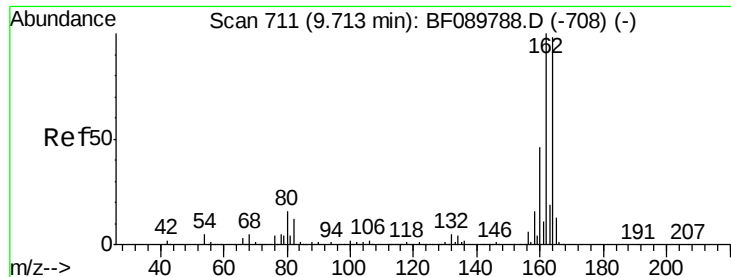


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

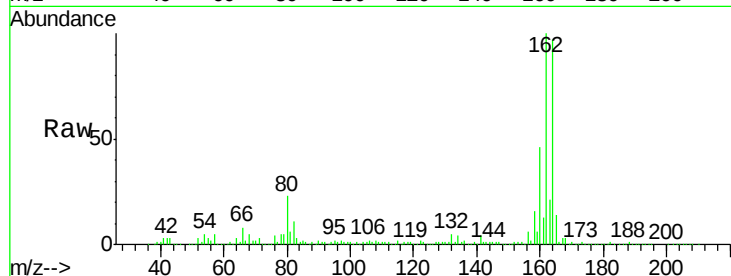




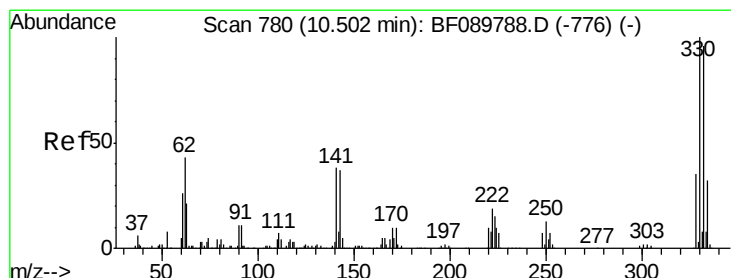
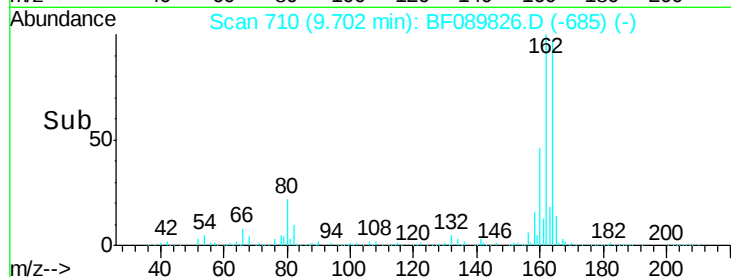
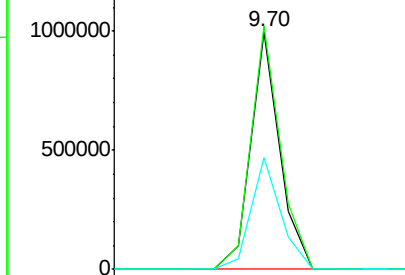
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089826.D
 Acq: 23 Aug 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 D-3(3-3.5)

Tgt Ion:164 Resp: 917707
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.2
 160 47.3 37.8 56.6

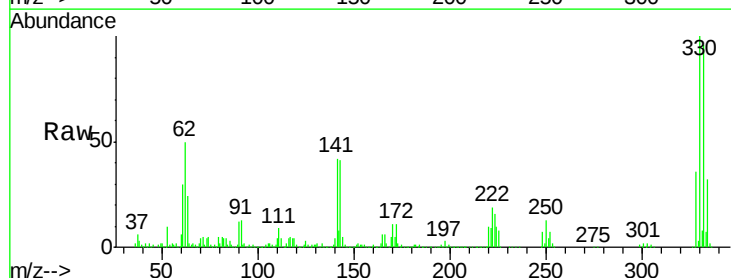


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

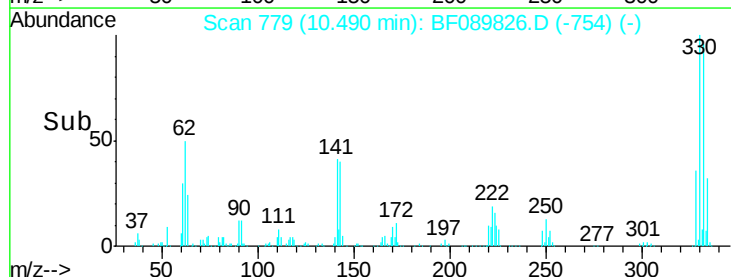
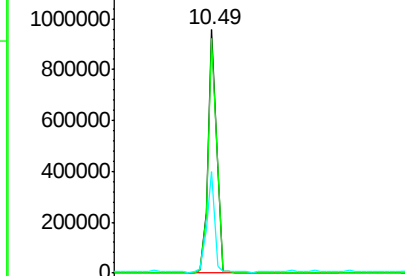


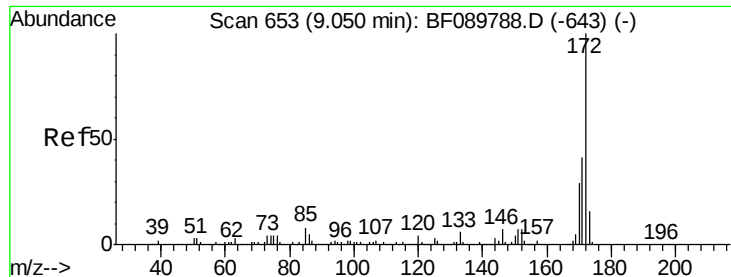
#41
 2,4,6-Tribromophenol
 Concen: 129.85 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089826.D
 Acq: 23 Aug 2016 11:25

Tgt Ion:330 Resp: 1132465
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 37.6 30.2 45.2



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

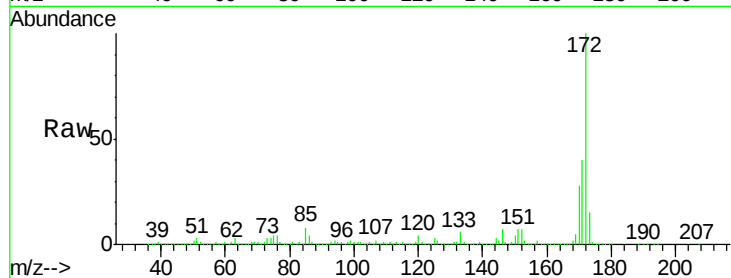




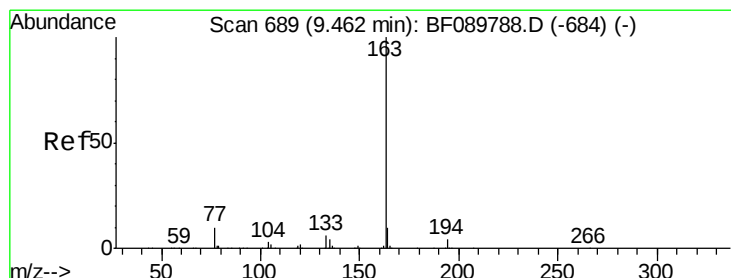
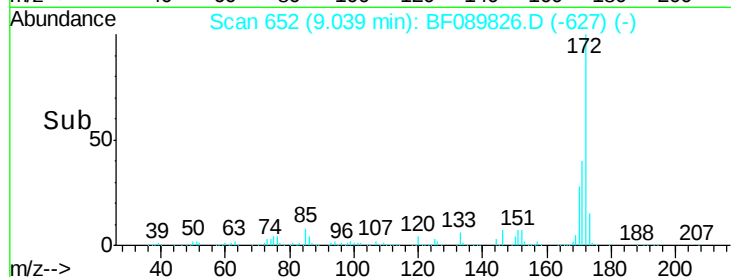
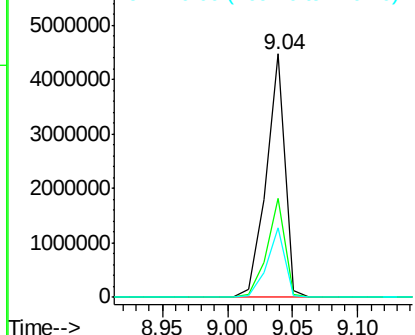
#44
 2-Fluorobiphenyl
 Concen: 86.15 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089826.D
 Acq: 23 Aug 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 D-3(3-3.5)

Tgt Ion:172 Resp: 4498119
 Ion Ratio Lower Upper
 172 100
 171 40.4 30.5 45.7
 170 28.5 20.6 31.0

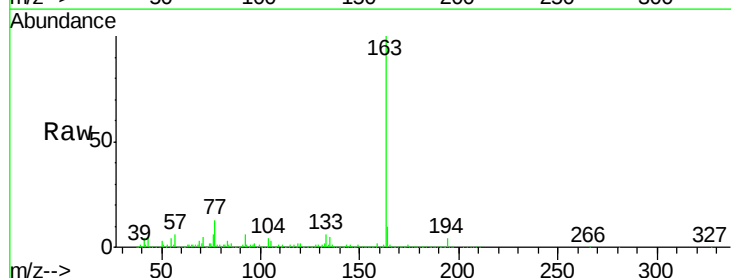


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

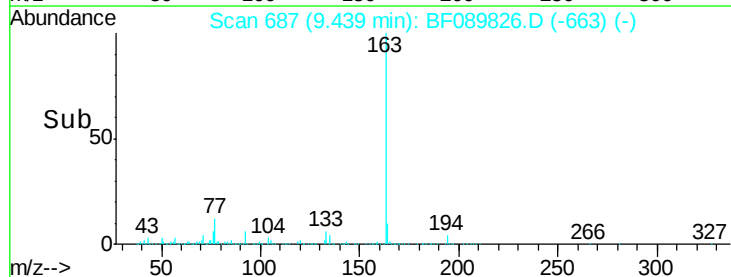
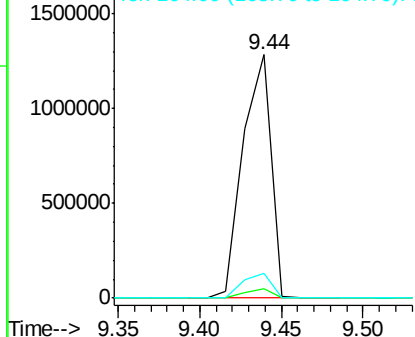


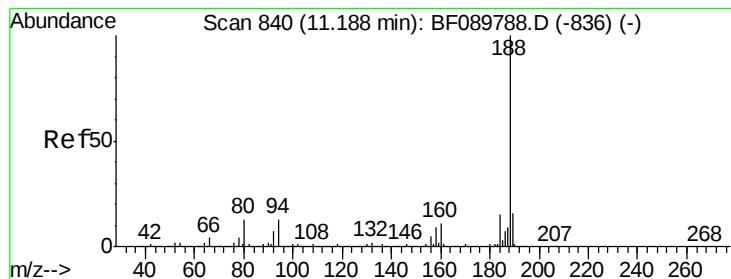
#49
 Dimethylphthalate
 Concen: 23.52 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF089826.D
 Acq: 23 Aug 2016 11:25

Tgt Ion:163 Resp: 1520003
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 3.8#
 164 10.0 8.6 12.8



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: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

Instrument :

BNA_F

ClientSampleId :

D-3(3-3.5)

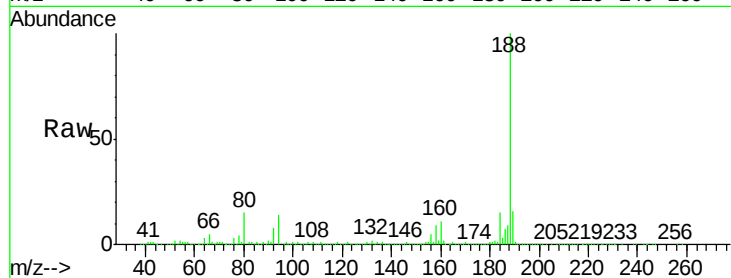
Tgt Ion:188 Resp: 1712722

Ion Ratio Lower Upper

188 100

94 13.8 10.2 15.2

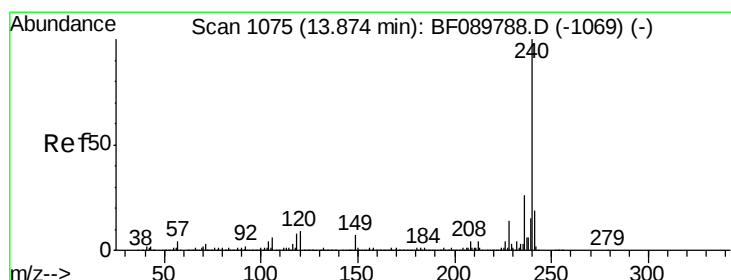
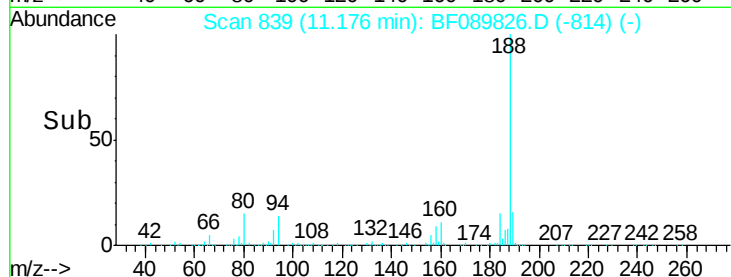
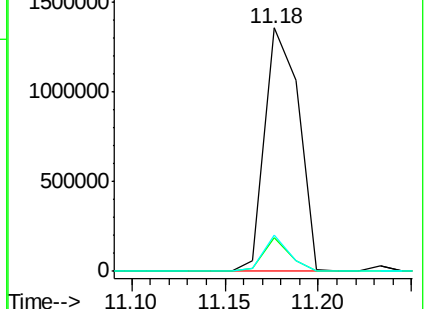
80 14.8 10.9 16.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.06 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

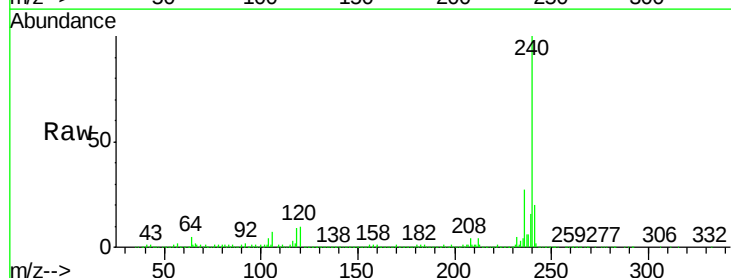
Tgt Ion:240 Resp: 1585700

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

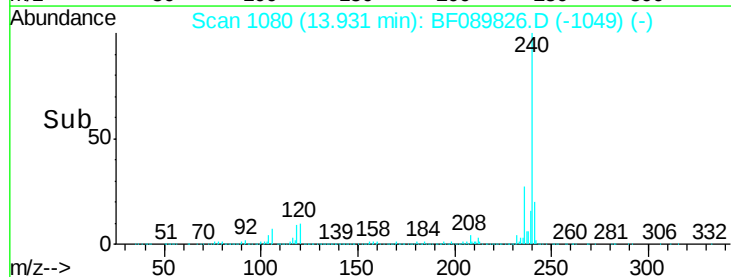
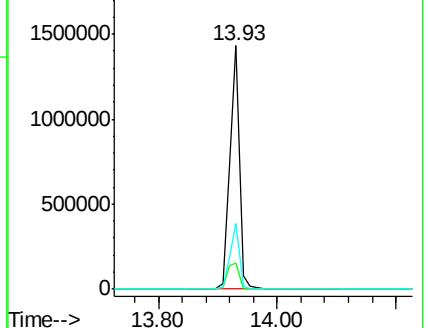
236 27.0 21.3 31.9

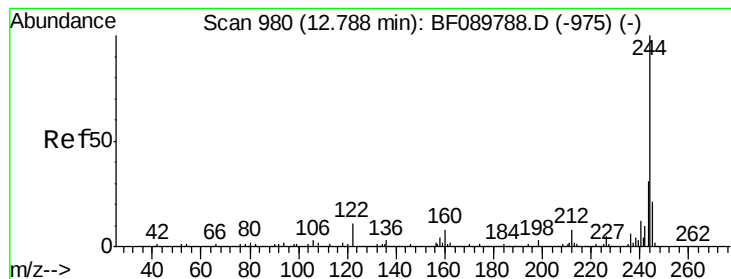


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.56 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

Instrument :

BNA_F

ClientSampleId :

D-3(3-3.5)

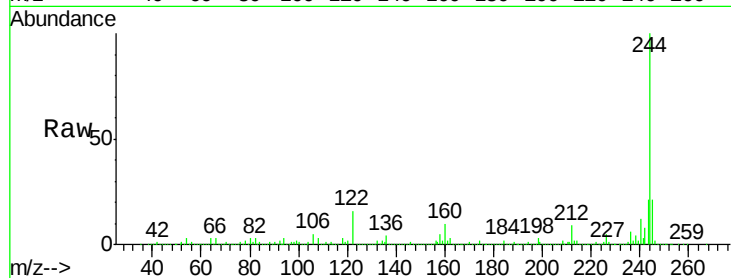
Tgt Ion:244 Resp: 3964530

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

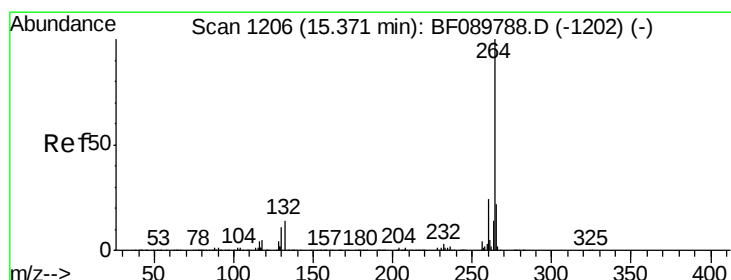
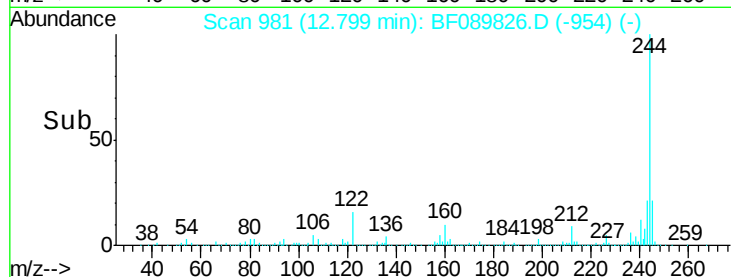
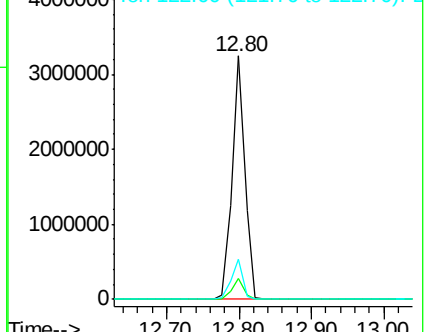
122 16.2 12.0 18.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1219

Delta R.T. 0.15 min

Lab File: BF089826.D

Acq: 23 Aug 2016 11:25

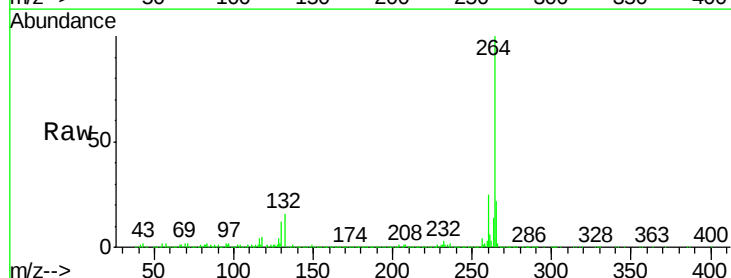
Tgt Ion:264 Resp: 1398117

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 21.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

