

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089827.D
 Acq On : 23 Aug 2016 11:52
 Operator : UM/SJ
 Sample : H4547-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-4(2-2.5)

Quant Time: Aug 25 13:32:20 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

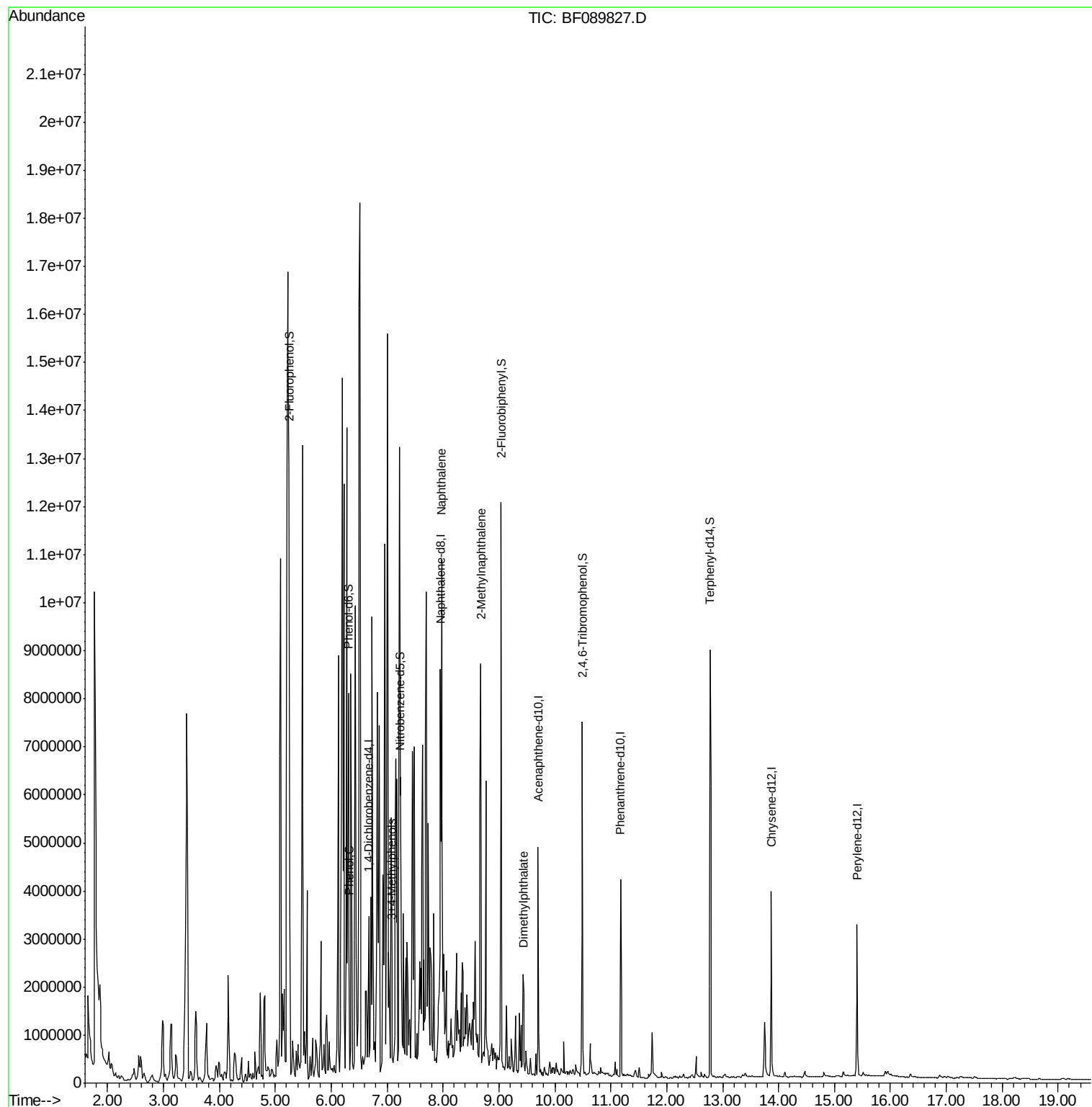
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	466984	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1738459	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	884026	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1573753	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	1517819	20.00	ng	0.00
86) Perylene-d12	15.41	264	1354091	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2680393	98.43	ng	-0.01
7) Phenol-d6	6.31	99	3829303	114.56	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2181690	77.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	939747	111.86	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4129617	82.10	ng	-0.01
78) Terphenyl-d14	12.78	244	3813187	56.84	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	133807	3.42	ng	Qvalue 95
20) 3+4-Methylphenols	7.08	107	130504	4.17	ng	# 56
31) Naphthalene	7.98	128	4309130	53.03	ng	97
37) 2-Methylnaphthalene	8.67	142	2950100	56.12	ng	99
49) Dimethylphthalate	9.44	163	1252712	20.13	ng	97

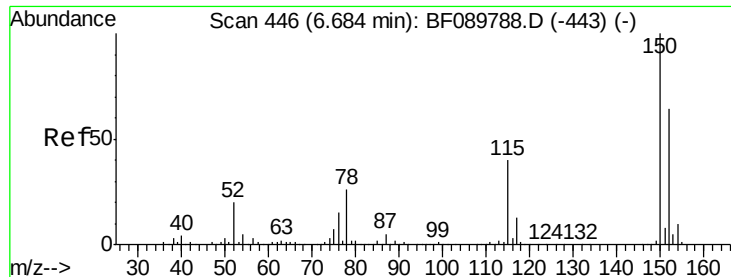
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

D-4(2-2.5)

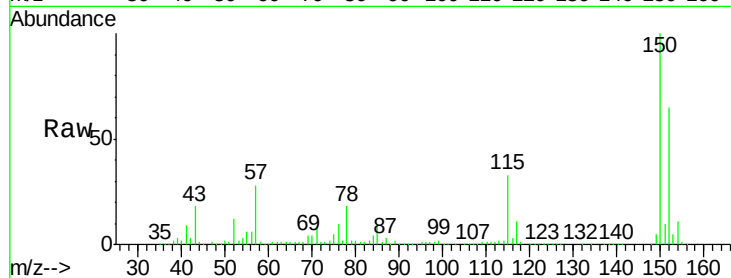
Tgt Ion:152 Resp: 466984

Ion Ratio Lower Upper

152 100

150 152.8 125.3 187.9

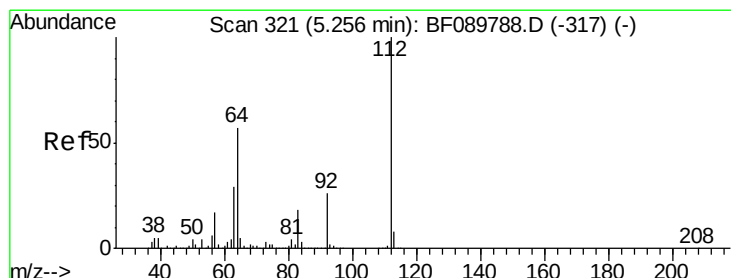
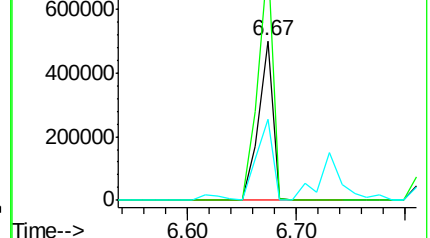
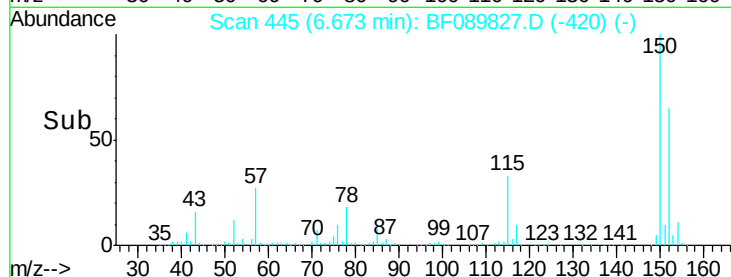
115 50.6 40.9 61.3



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: 98.43 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

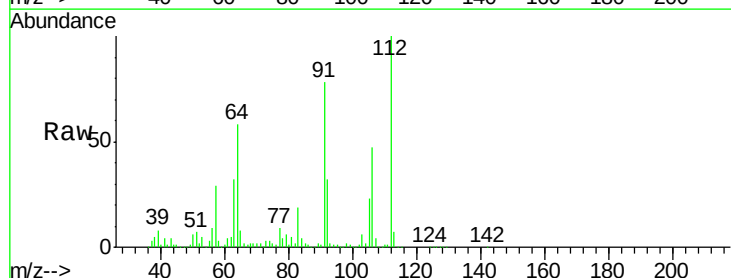
Tgt Ion:112 Resp: 2680393

Ion Ratio Lower Upper

112 100

64 58.4 45.0 67.4

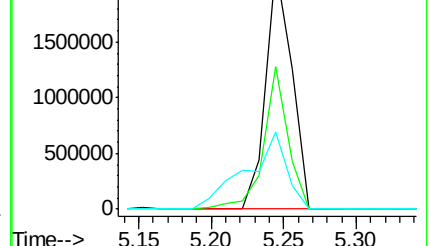
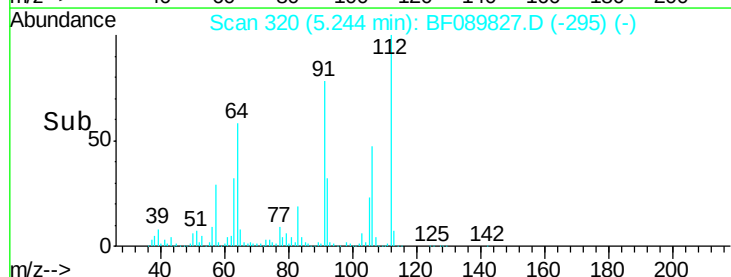
63 31.8 23.1 34.7

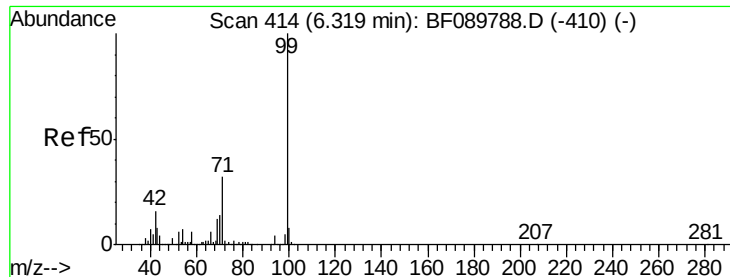


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.56 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_F

ClientSampleId :

D-4(2-2.5)

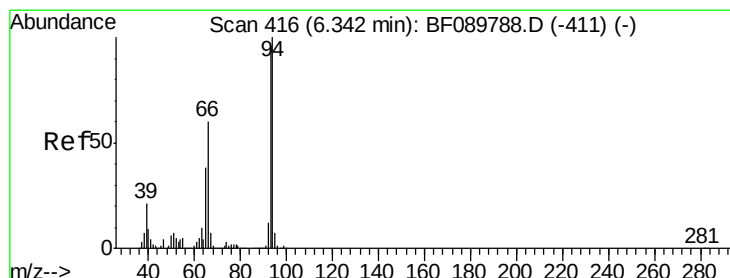
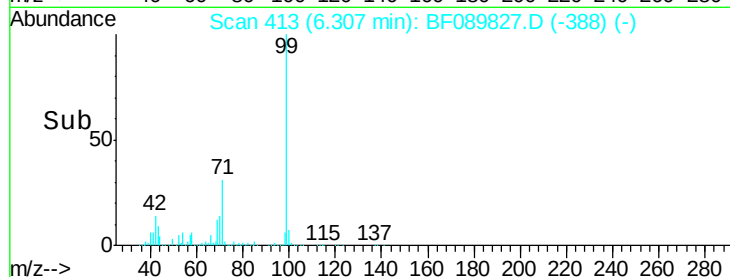
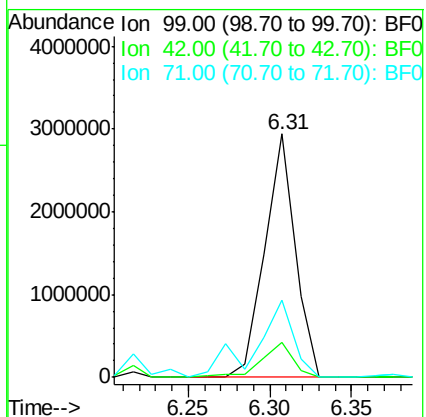
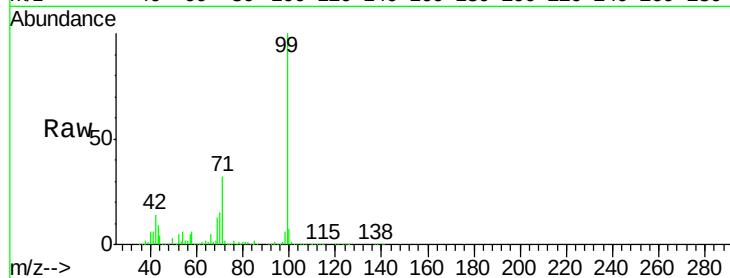
Tgt Ion: 99 Resp: 3829303

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.4

71 31.7 23.8 35.8



#10

Phenol

Concen: 3.42 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

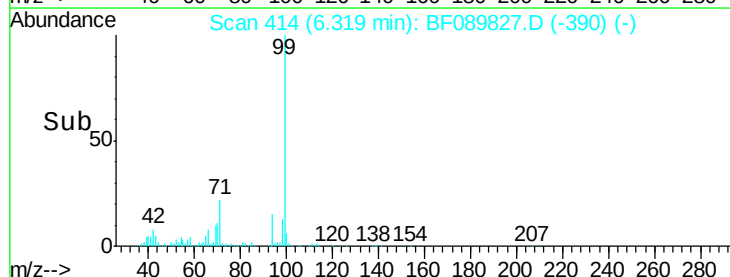
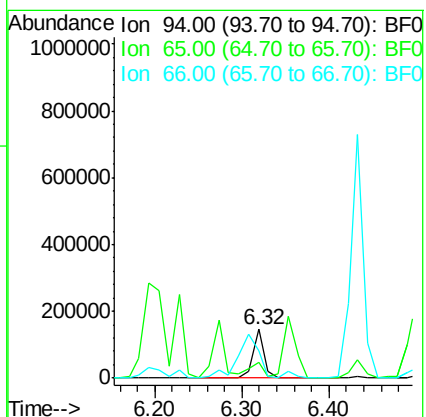
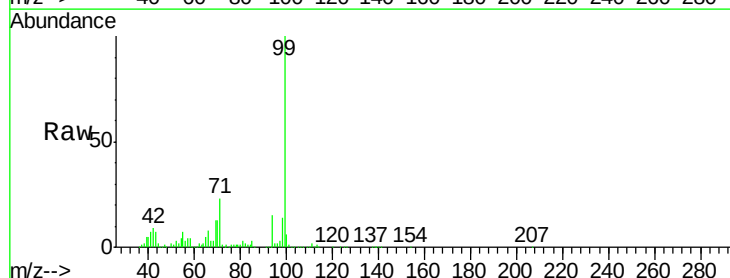
Tgt Ion: 94 Resp: 133807

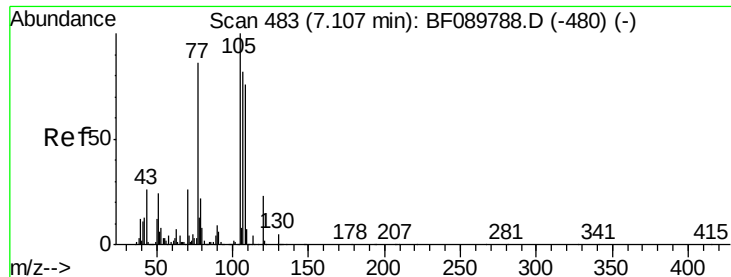
Ion Ratio Lower Upper

94 100

65 33.3 14.0 54.0

66 56.0 31.2 71.2





#20

3+4-Methylphenols

Concen: 4.17 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

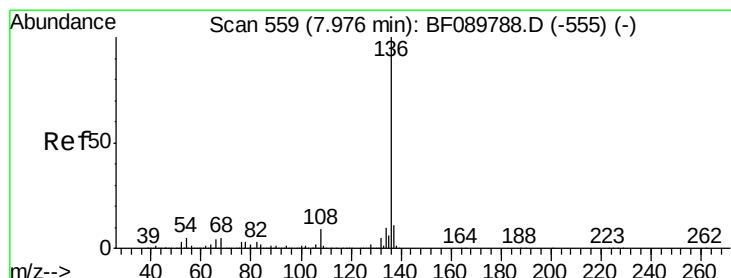
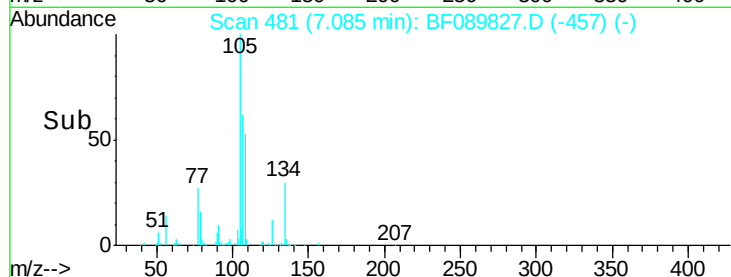
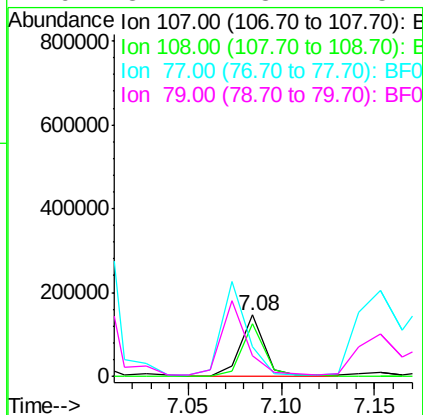
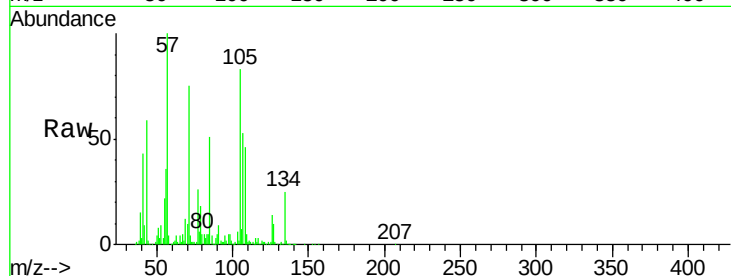
Instrument :

BNA_F

ClientSampleId :

D-4(2-2.5)

Tgt Ion:	107	Resp:	130504
Ion Ratio	Lower	Upper	
107	100		
108	86.7	68.2	108.2
77	48.5	122.3	162.3#
79	34.2	8.2	48.2



#21

Naphthalene-d8

Concen: 20.00 ng

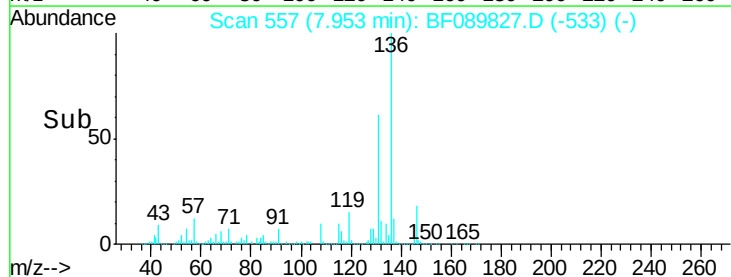
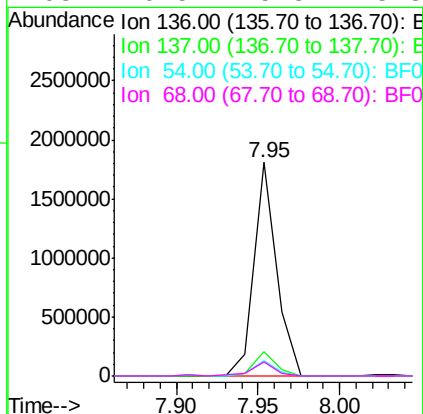
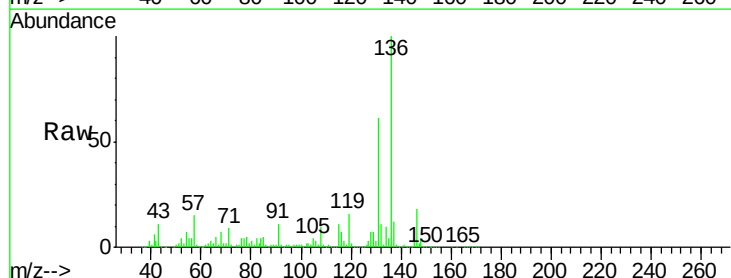
RT: 7.95 min Scan# 557

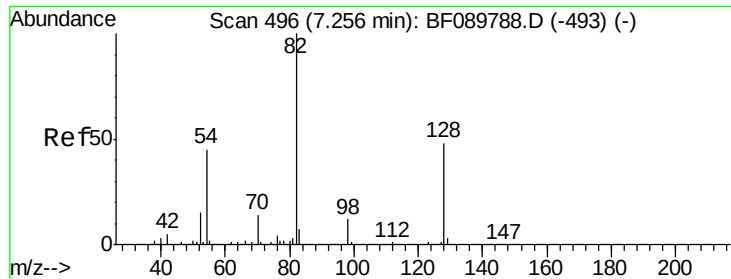
Delta R.T. -0.02 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

Tgt Ion:	136	Resp:	1738459
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	7.3	7.2	10.8
68	6.5	5.8	8.8

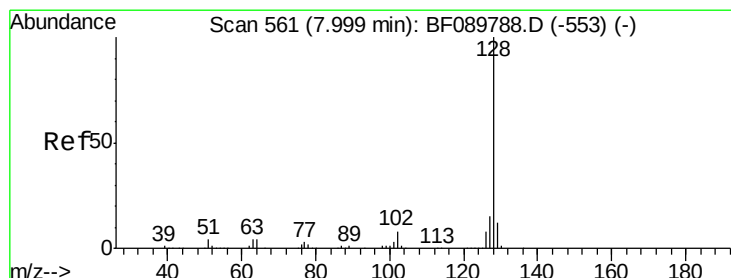
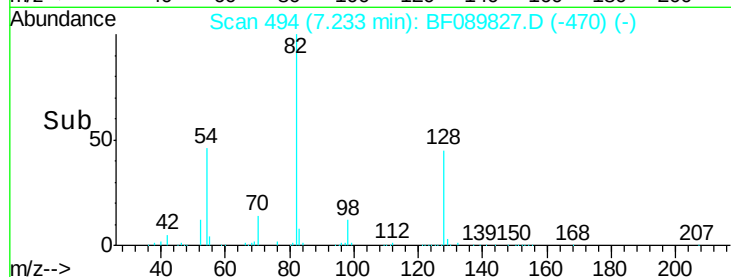
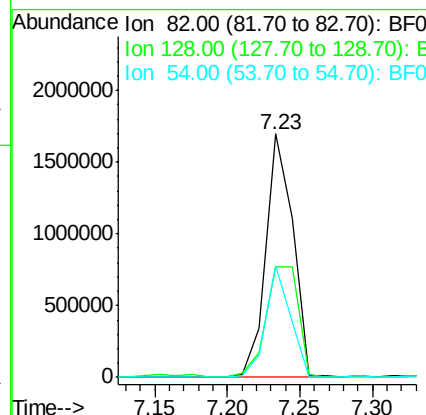
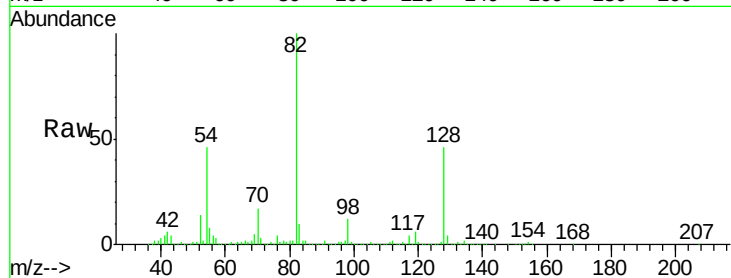




#23
 Nitrobenzene-d5
 Concen: 77.96 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089827.D
 Acq: 23 Aug 2016 11:52

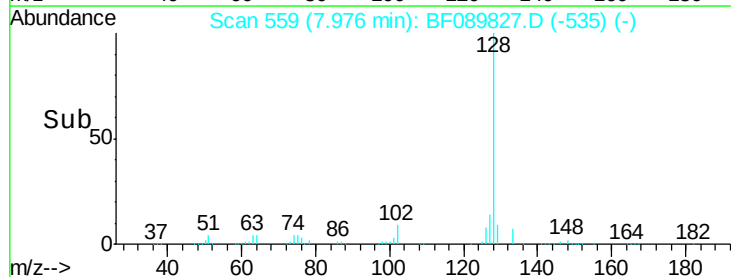
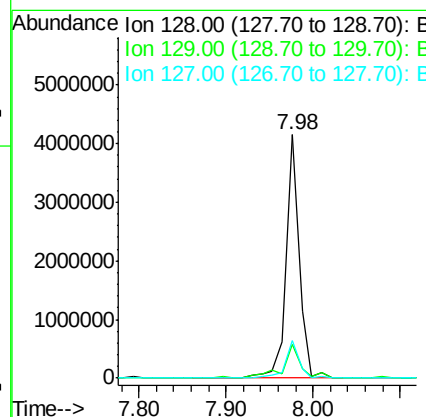
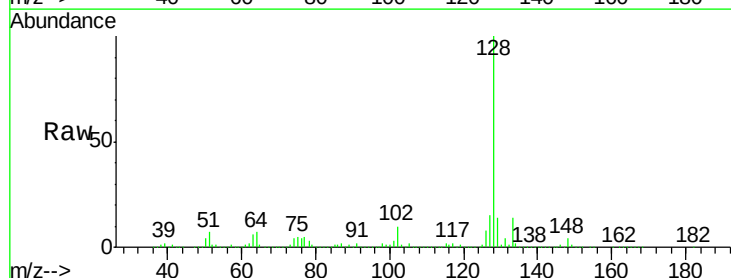
Instrument :
 BNA_F
 ClientSampleId :
 D-4(2-2.5)

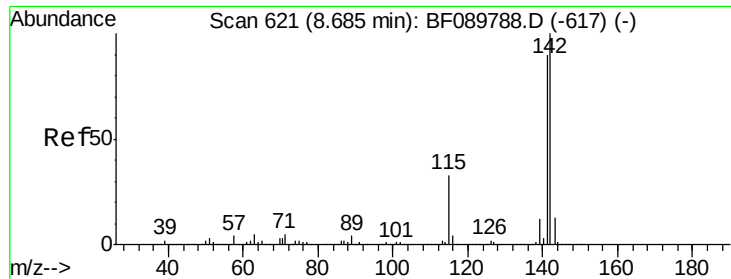
Tgt Ion: 82 Resp: 2181690
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.4 51.6
 54 45.9 40.3 60.5



#31
 Naphthalene
 Concen: 53.03 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF089827.D
 Acq: 23 Aug 2016 11:52

Tgt Ion: 128 Resp: 4309130
 Ion Ratio Lower Upper
 128 100
 129 13.6 9.5 14.3
 127 15.2 11.3 16.9

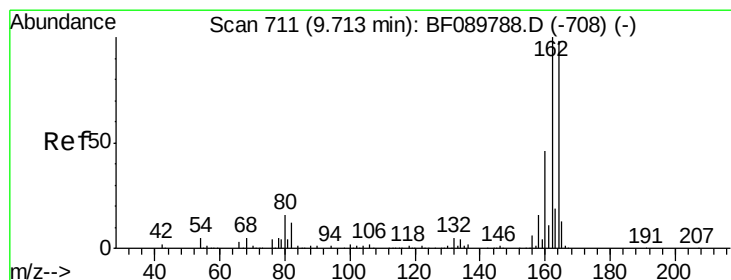
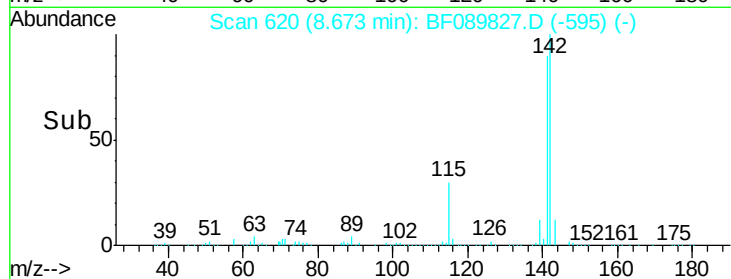
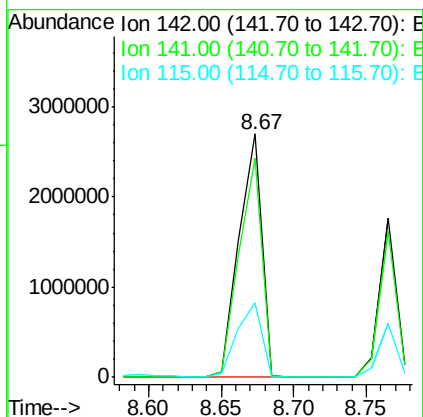
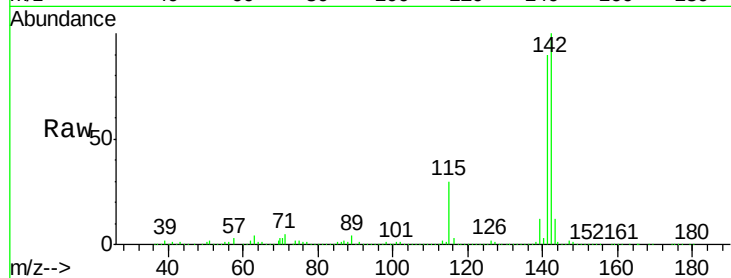




#37
 2-Methylnaphthalene
 Concen: 56.12 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089827.D
 Acq: 23 Aug 2016 11:52

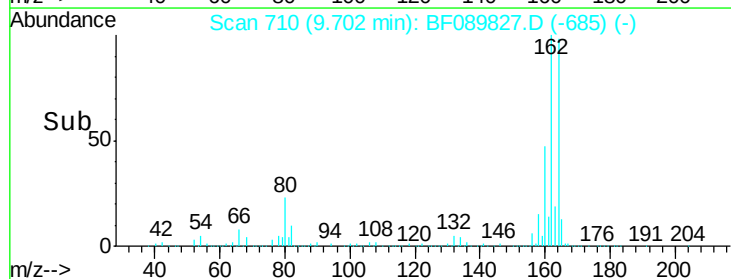
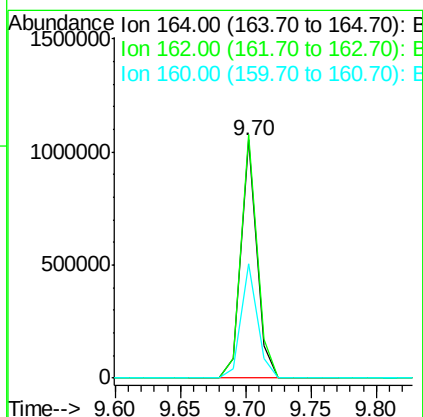
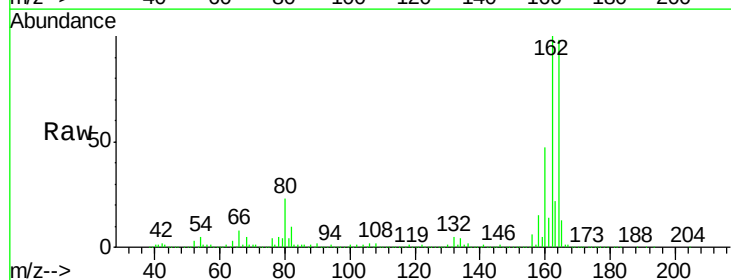
Instrument :
 BNA_F
 ClientSampleId :
 D-4(2-2.5)

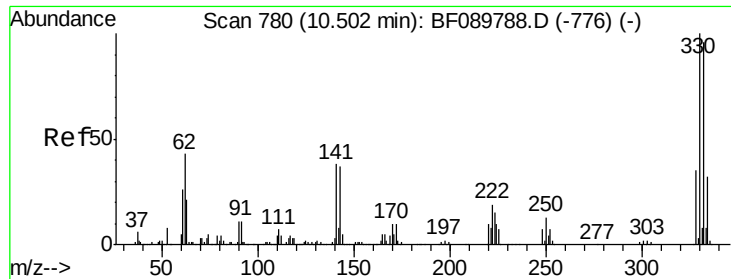
Tgt Ion:142 Resp: 2950100
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2
 115 30.4 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089827.D
 Acq: 23 Aug 2016 11:52

Tgt Ion:164 Resp: 884026
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.4 122.2
 160 47.8 37.8 56.6

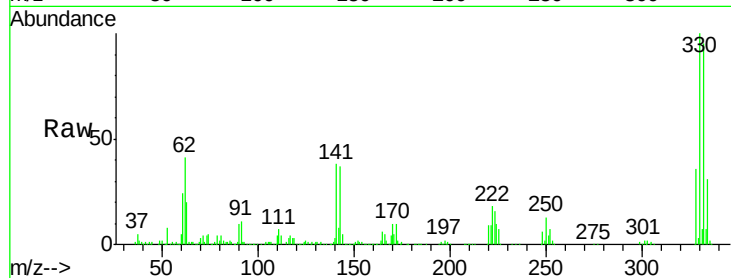




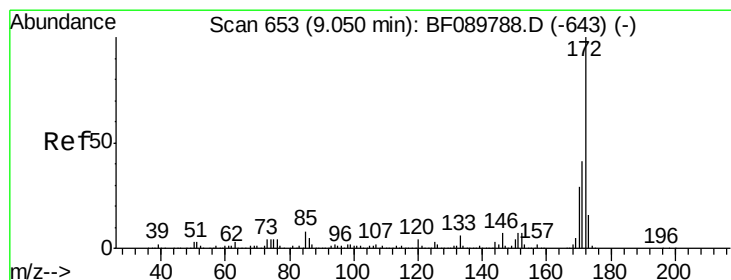
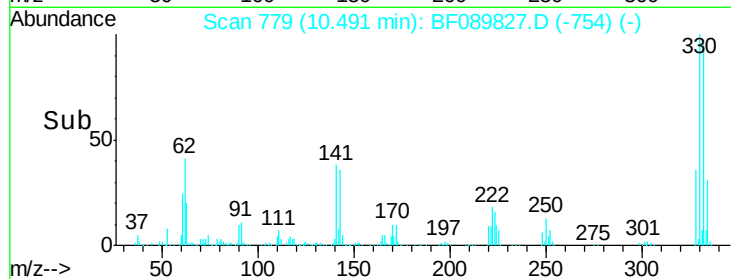
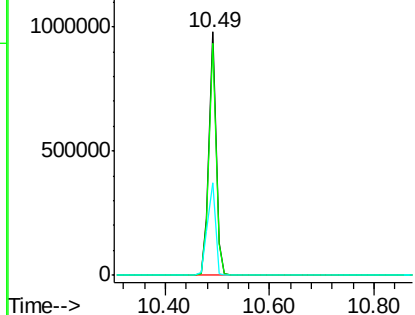
#41
 2,4,6-Tribromophenol
 Concen: 111.86 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089827.D
 Acq: 23 Aug 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :
 D-4(2-2.5)

Tgt Ion:330 Resp: 939747
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 41.7 30.2 45.2

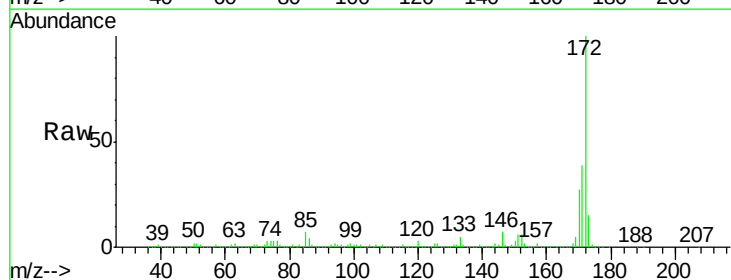


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

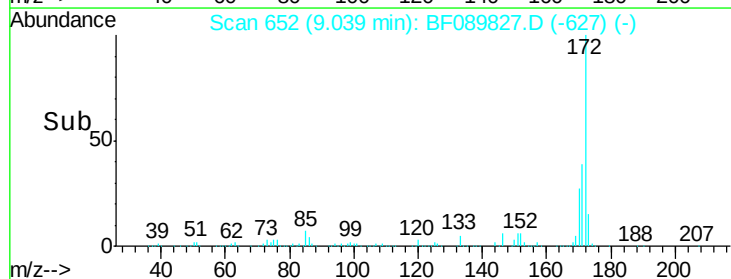
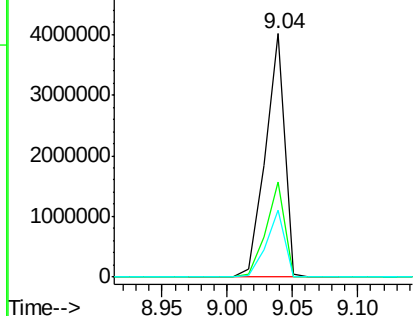


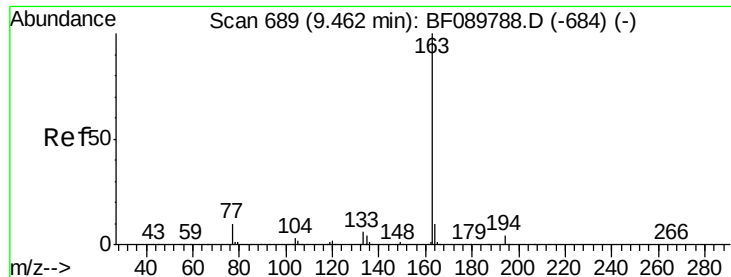
#44
 2-Fluorobiphenyl
 Concen: 82.10 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089827.D
 Acq: 23 Aug 2016 11:52

Tgt Ion:172 Resp: 4129617
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.5 45.7
 170 27.4 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

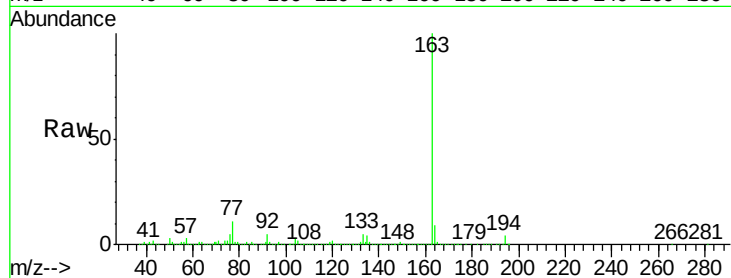




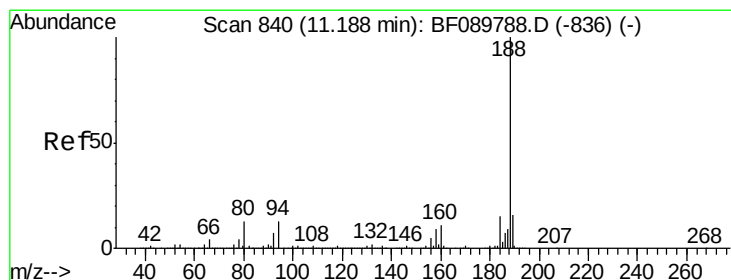
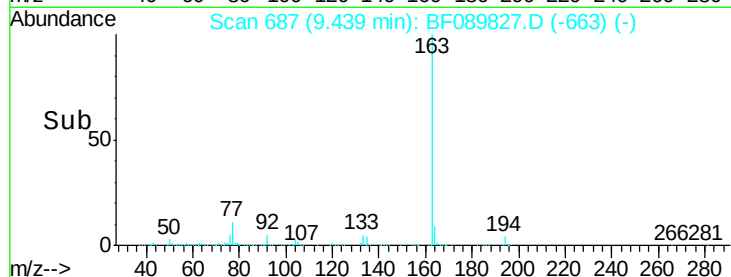
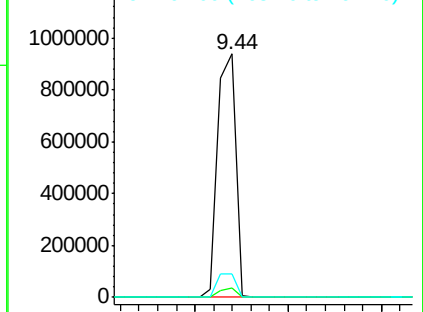
#49
Dimethylphthalate
Concen: 20.13 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089827.D
Acq: 23 Aug 2016 11:52

Instrument :
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Tgt Ion:163 Resp: 1252712
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.5 8.6 12.8

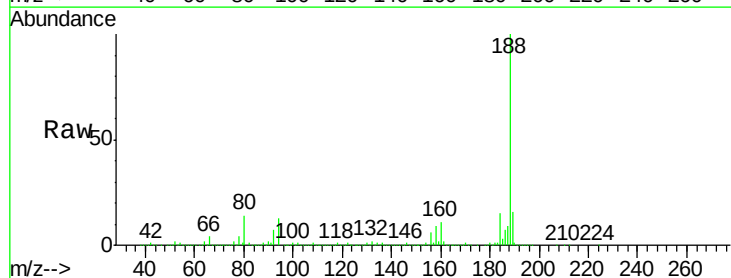


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

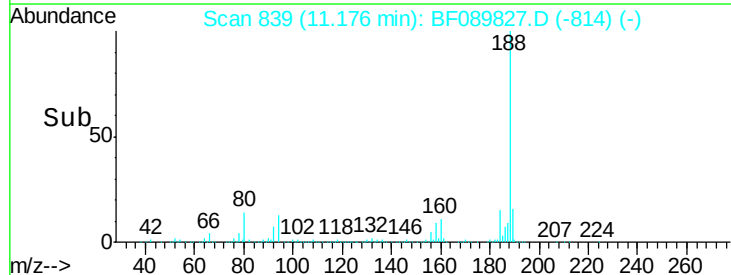
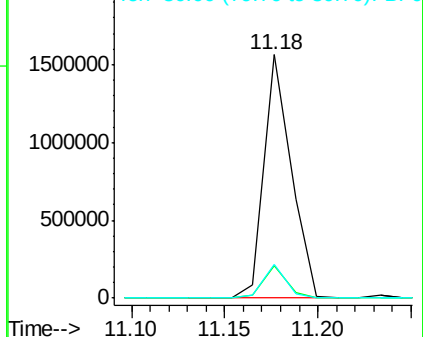


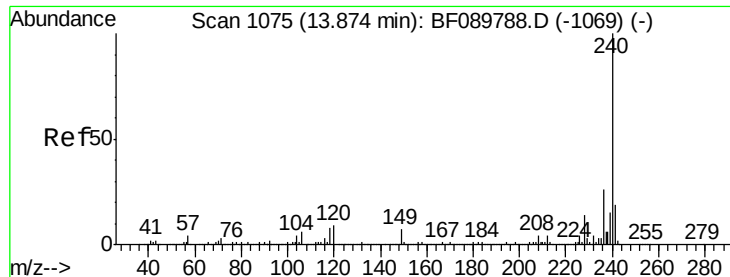
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089827.D
Acq: 23 Aug 2016 11:52

Tgt Ion:188 Resp: 1573753
Ion Ratio Lower Upper
188 100
94 13.4 10.2 15.2
80 14.0 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: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_F

ClientSampleId :

D-4(2-2.5)

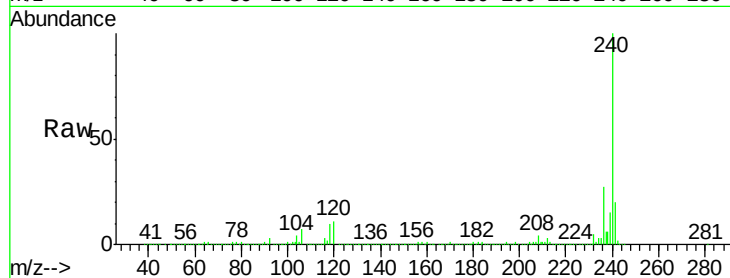
Tgt Ion:240 Resp: 1517819

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

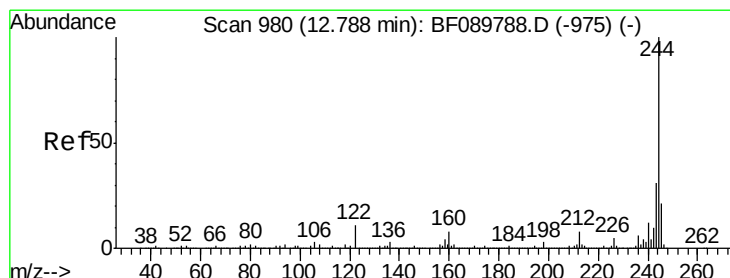
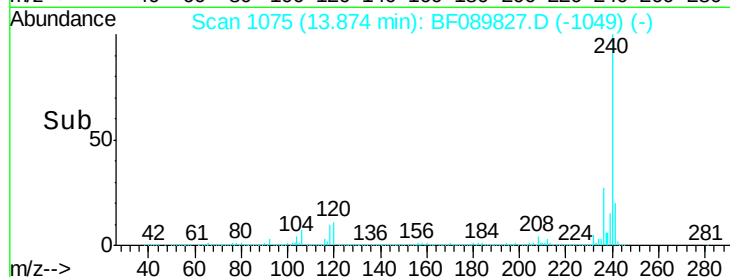
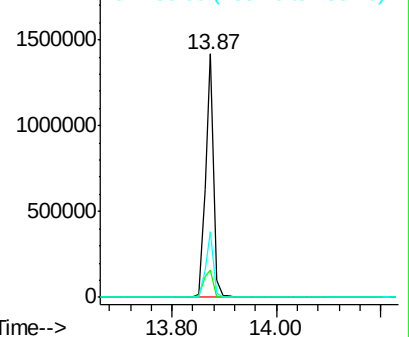
236 26.9 21.3 31.9



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: 56.84 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089827.D

Acq: 23 Aug 2016 11:52

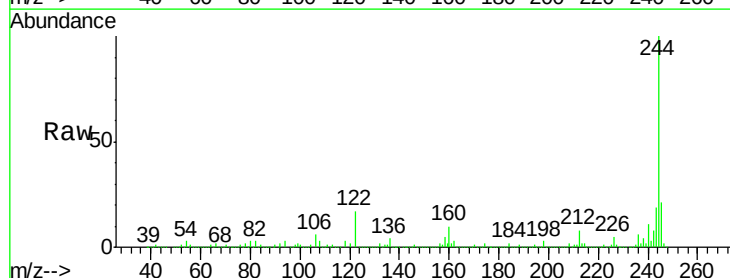
Tgt Ion:244 Resp: 3813187

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

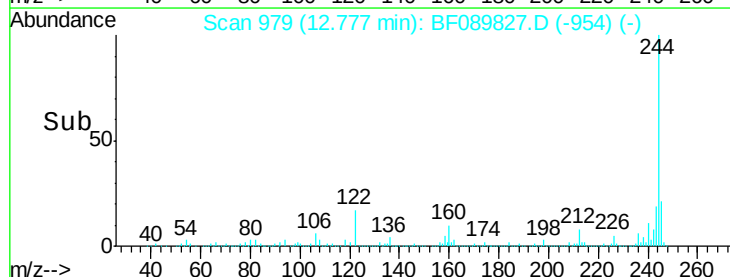
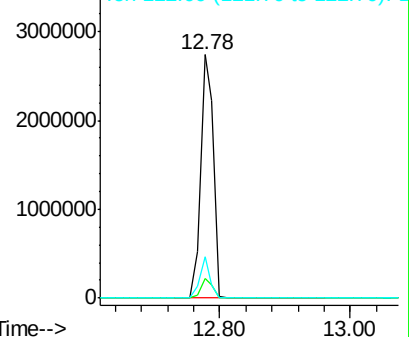
122 17.0 12.0 18.0

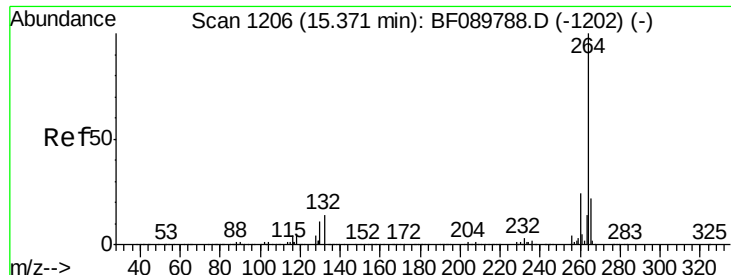


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

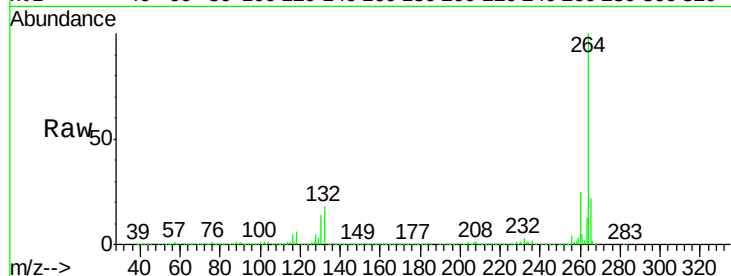




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BF089827.D
Acq: 23 Aug 2016 11:52

Instrument :
BNA_F
ClientSampleId :
D-4(2-2.5)

Tgt Ion: 264 Resp: 1354091
Ion Ratio Lower Upper
264 100
260 24.5 20.2 30.2
265 22.3 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

