

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089278.D
 Acq On : 25 Jul 2016 14:42
 Operator : UM/SJ
 Sample : H4150-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Jul 25 17:17:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

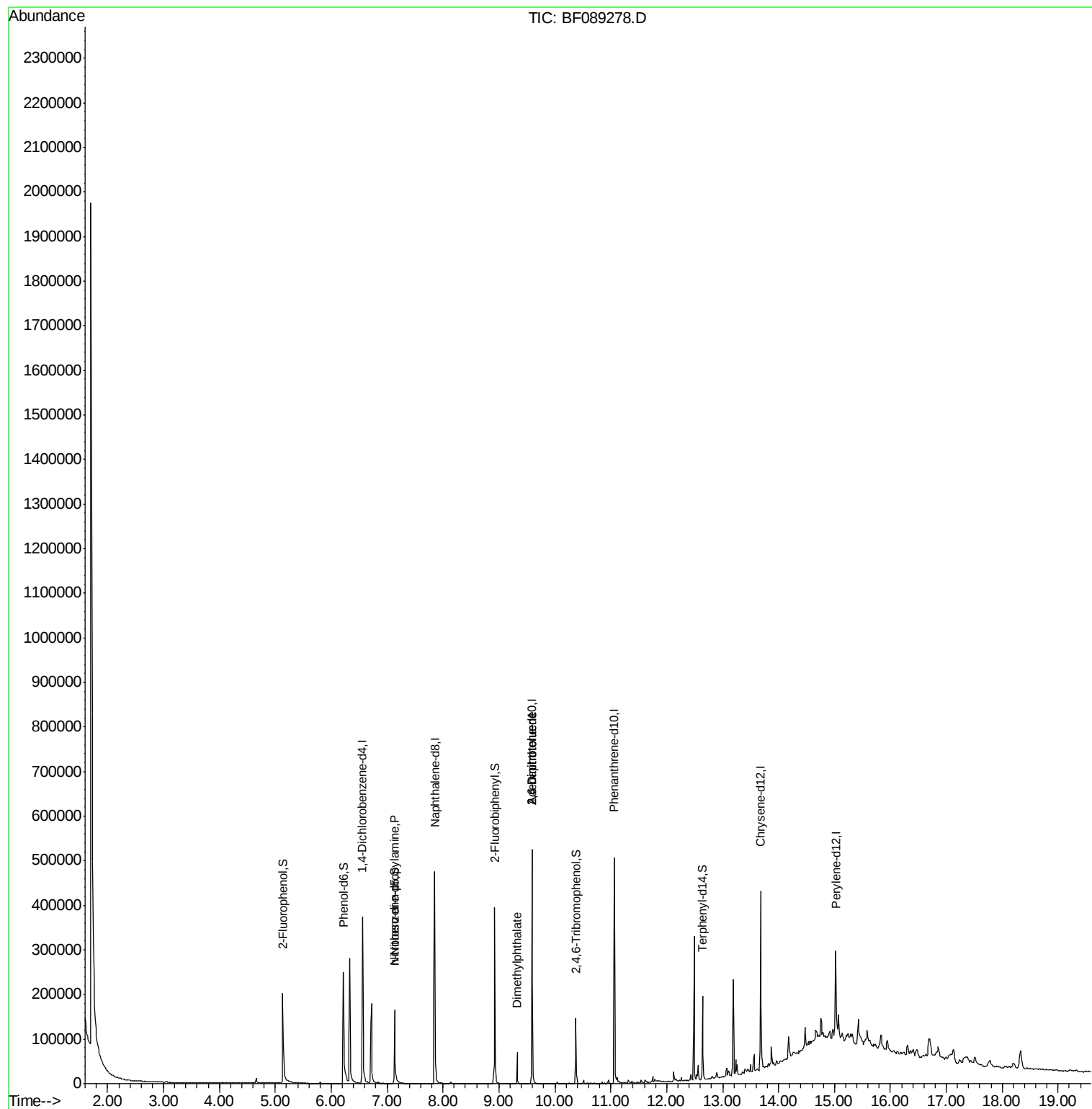
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	67437	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	273871	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	114894	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	196270	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	139366	20.00	ng	-0.01
86) Perylene-d12	15.03	264	109615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	92688	20.90	ng	-0.01
7) Phenol-d6	6.22	99	132326	23.14	ng	-0.01
23) Nitrobenzene-d5	7.13	82	79597	15.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	18957	18.33	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	127199	15.25	ng	-0.01
78) Terphenyl-d14	12.64	244	60029	9.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	9904	2.65	ng	# 79
49) Dimethylphthalate	9.32	163	28716	3.26	ng	99
50) 2,6-Dinitrotoluene	9.59	165	14251	7.16	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	14251	5.56	ng	# 11

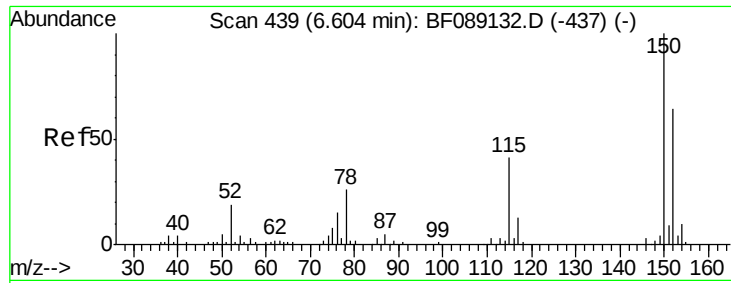
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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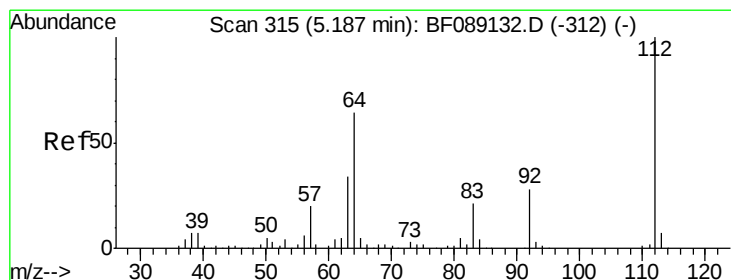
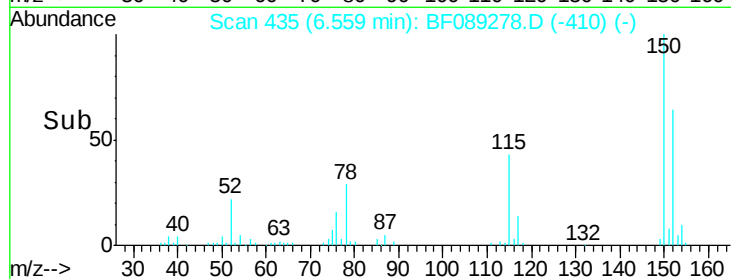
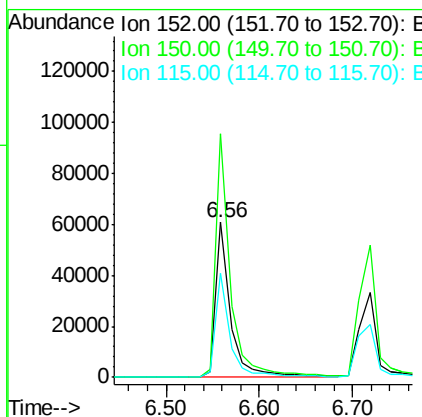
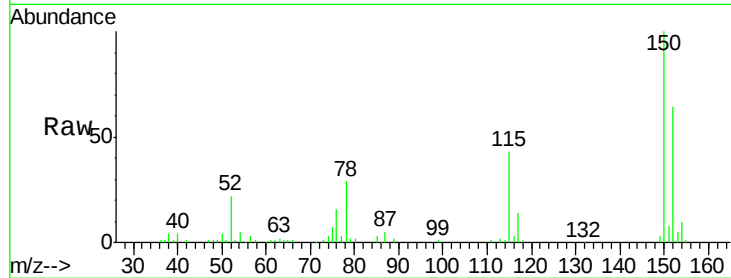




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

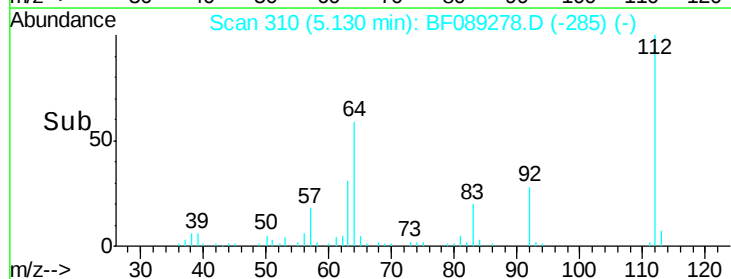
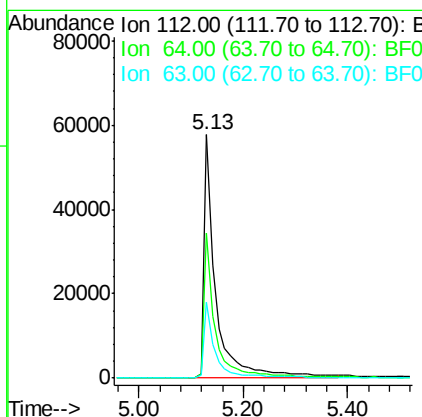
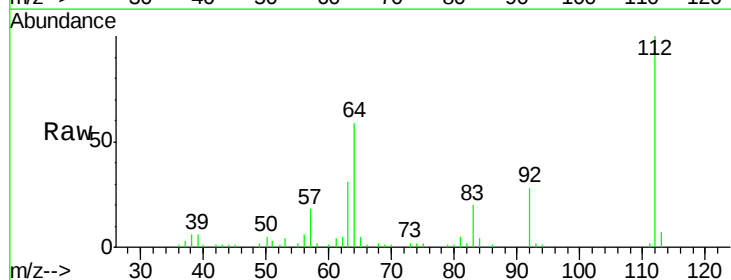
Instrument :
 BNA_F
 ClientSampled :
 TS-1

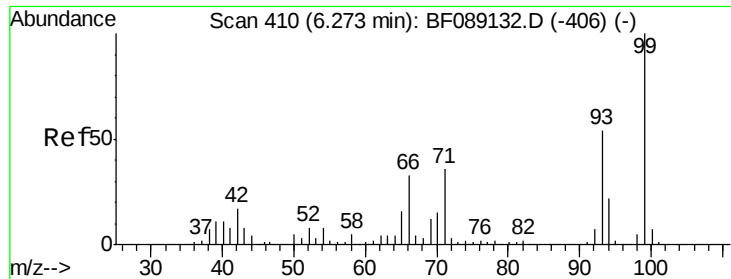
Tgt Ion:152 Resp: 67437
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.1 187.7
 115 67.5 51.1 76.7



#5
 2-Fluorophenol
 Concen: 20.90 ng
 RT: 5.13 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

Tgt Ion:112 Resp: 92688
 Ion Ratio Lower Upper
 112 100
 64 59.4 51.0 76.4
 63 31.0 27.3 40.9





#7

Phenol-d6

Concen: 23.14 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

TS-1

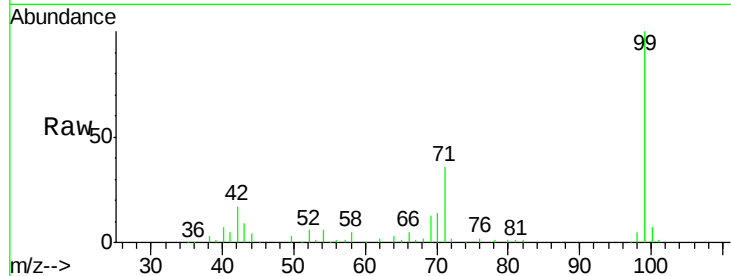
Tgt Ion: 99 Resp: 132326

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

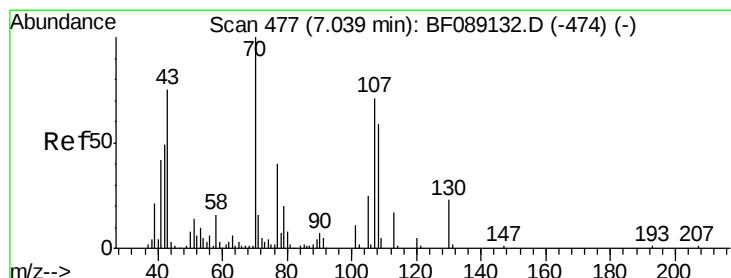
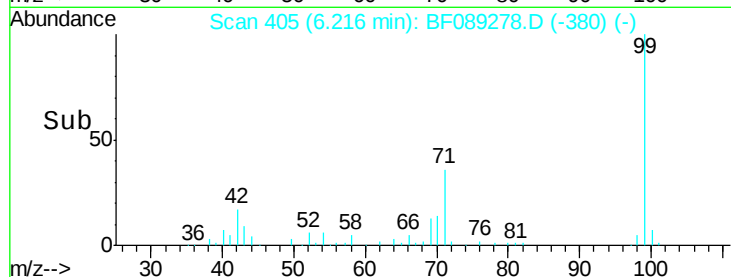
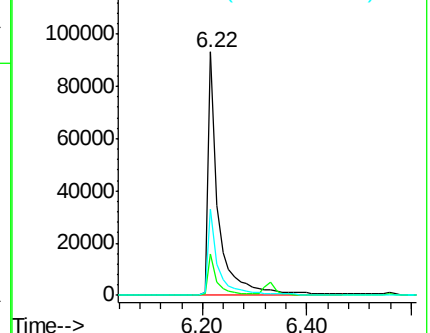
71 35.6 28.9 43.3



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: 2.65 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

Tgt Ion: 70 Resp: 9904

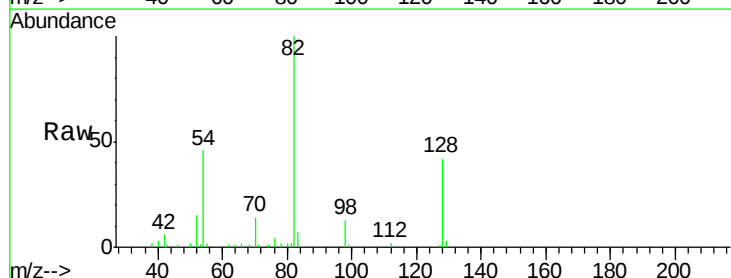
Ion Ratio Lower Upper

70 100

42 44.4 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#

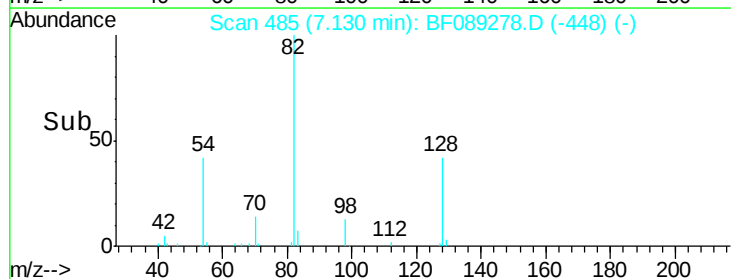
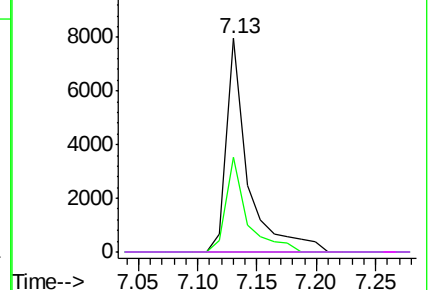


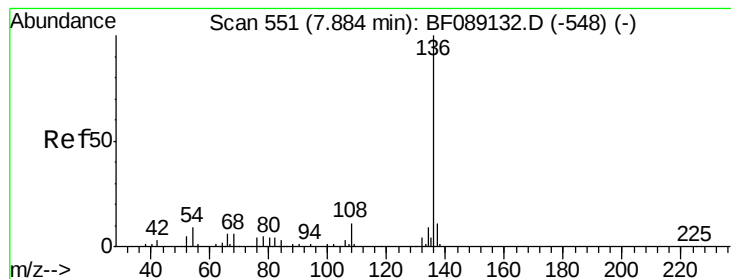
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

TS-1

Tgt Ion:136 Resp: 273871

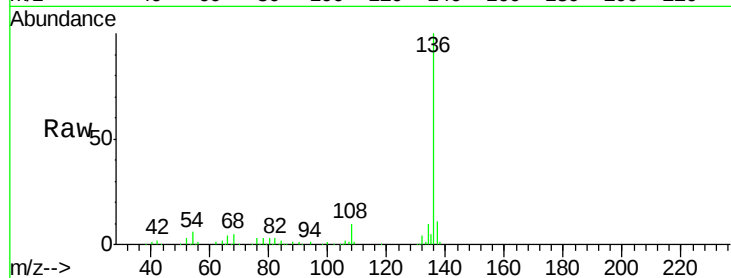
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.8 7.0 10.4#

68 4.5 5.0 7.6#

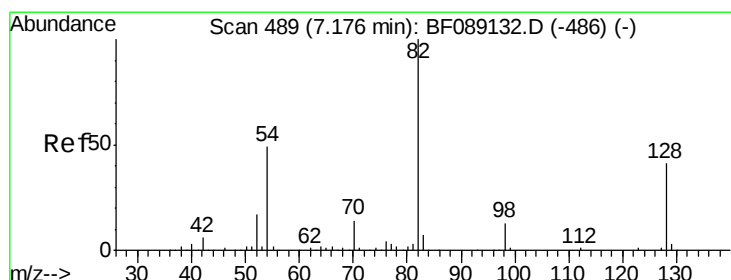
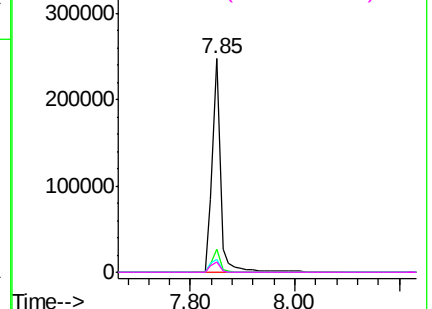
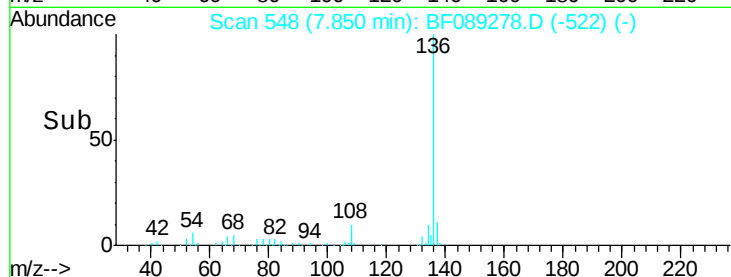


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.44 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

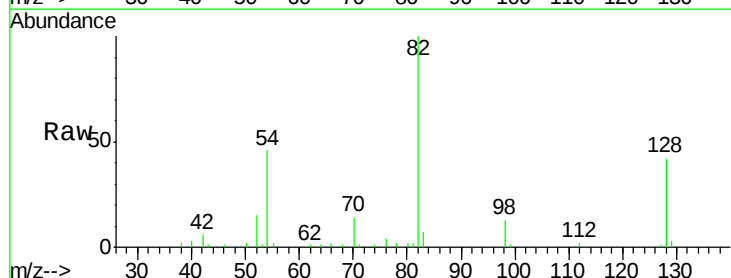
Tgt Ion: 82 Resp: 79597

Ion Ratio Lower Upper

82 100

128 41.9 33.0 49.6

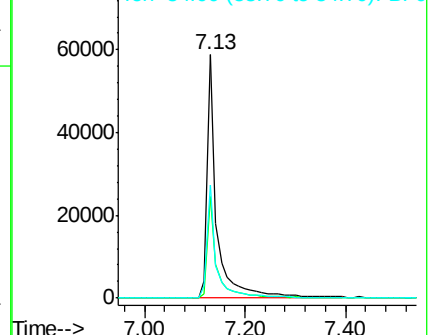
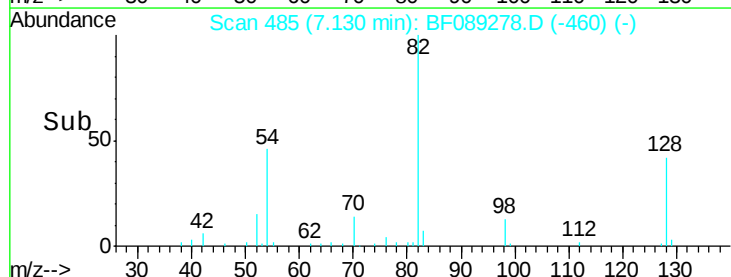
54 46.2 39.0 58.4

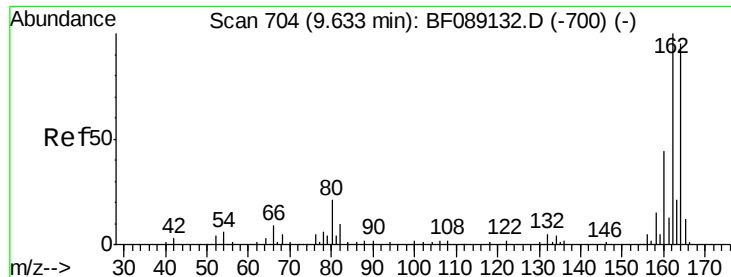


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

TS-1

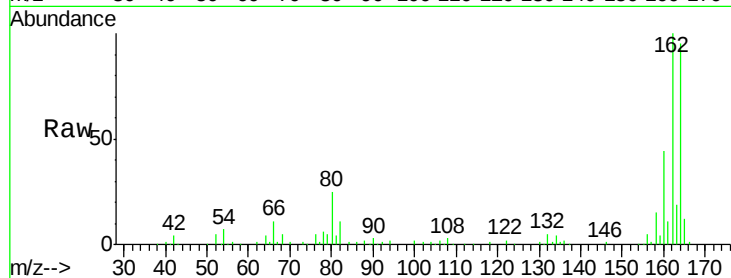
Tgt Ion:164 Resp: 114894

Ion Ratio Lower Upper

164 100

162 105.3 84.1 126.1

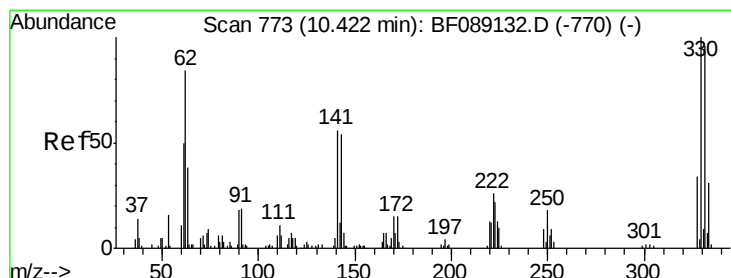
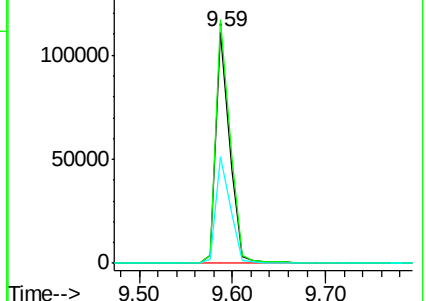
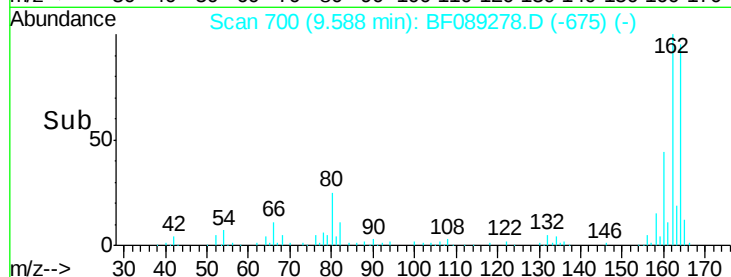
160 46.4 37.1 55.7



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: 18.33 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089278.D

Acq: 25 Jul 2016 14:42

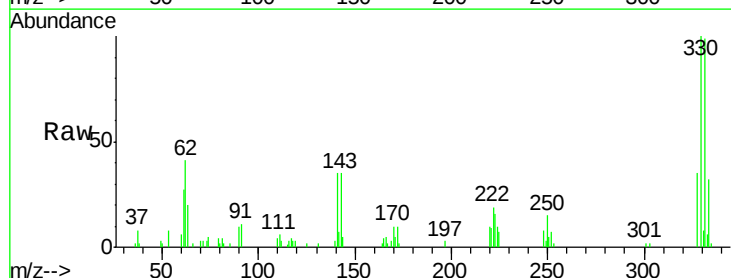
Tgt Ion:330 Resp: 18957

Ion Ratio Lower Upper

330 100

332 98.3 77.2 115.8

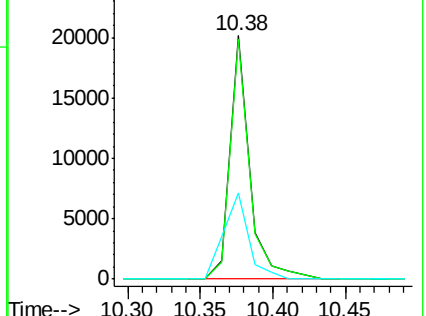
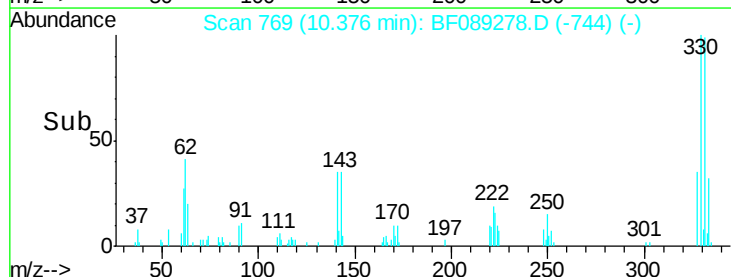
141 45.2 42.2 63.2

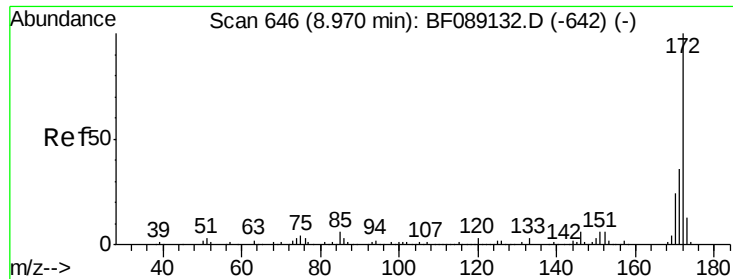


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

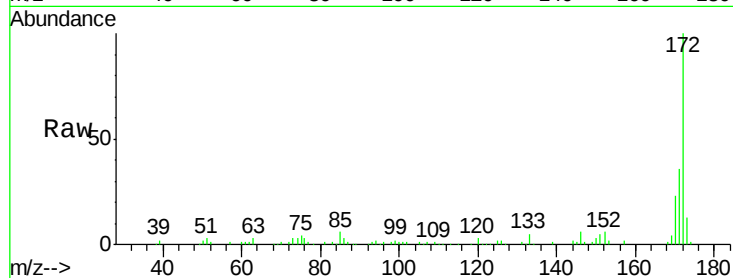




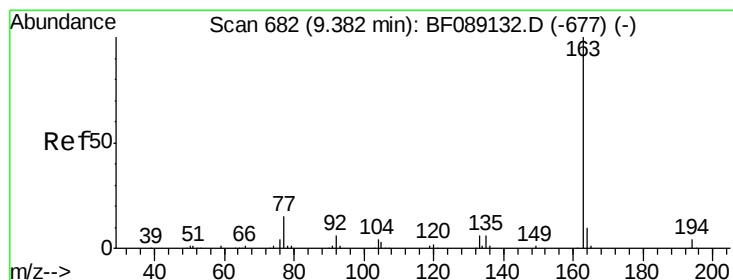
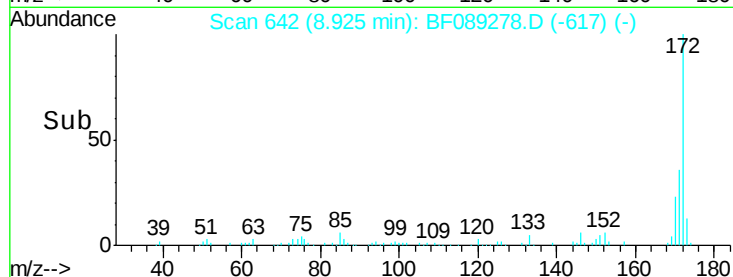
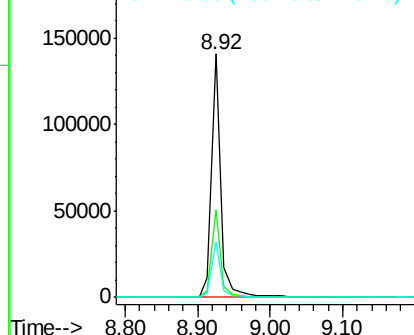
#44
2-Fluorobiphenyl
Concen: 15.25 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Instrument :
BNA_F
ClientSampleId :
TS-1

Tgt Ion:172 Resp: 127199
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 22.9 19.1 28.7

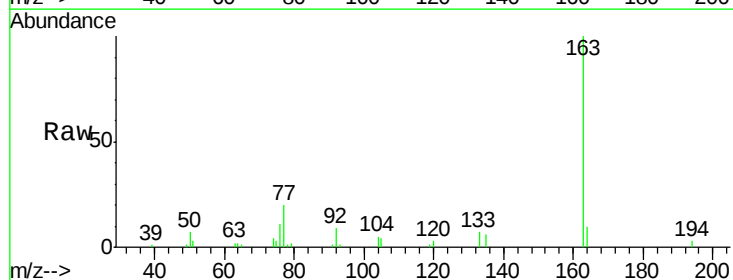


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

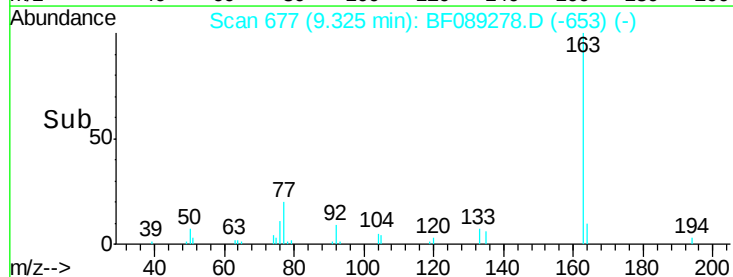
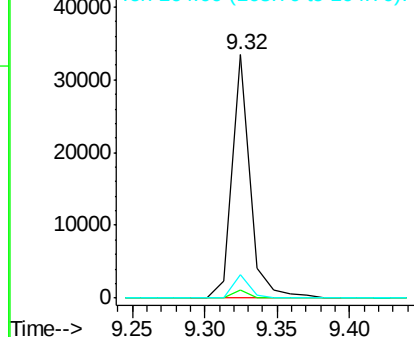


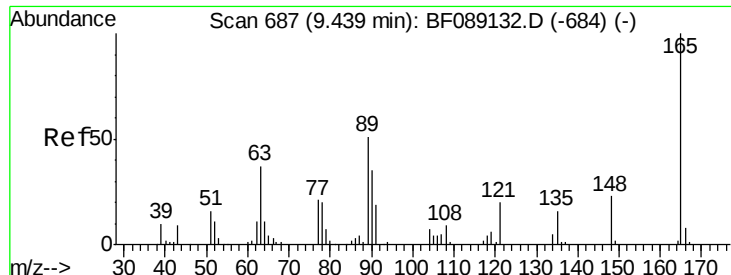
#49
Dimethylphthalate
Concen: 3.26 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Tgt Ion:163 Resp: 28716
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.7 7.6 11.4



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

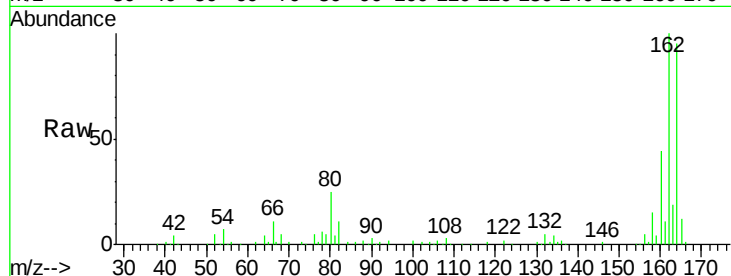




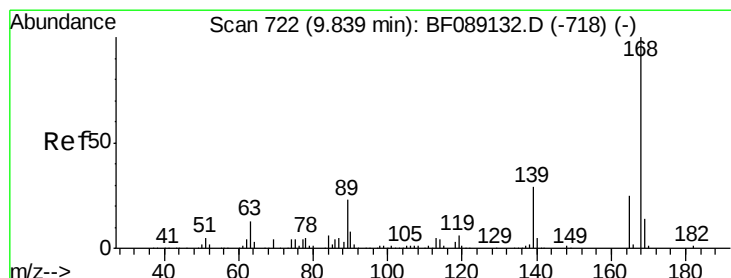
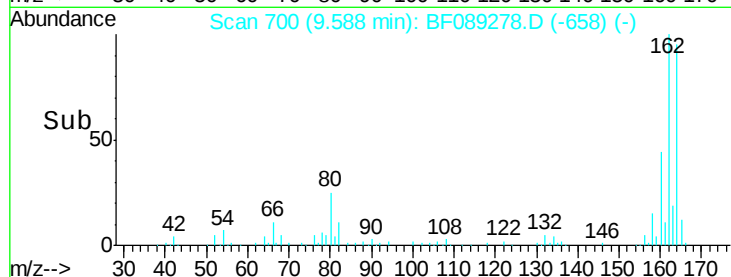
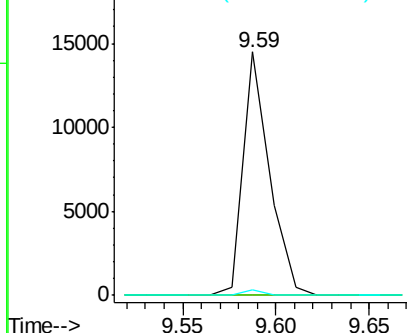
#50
 2,6-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	2.2	40.9	61.3#



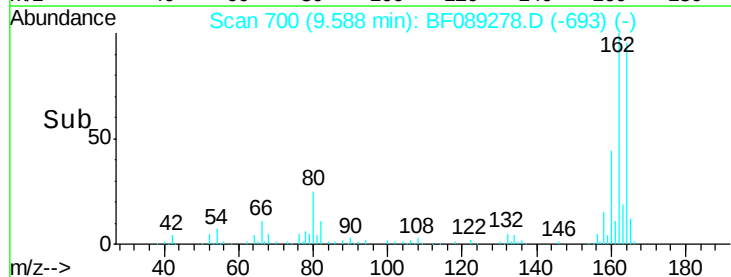
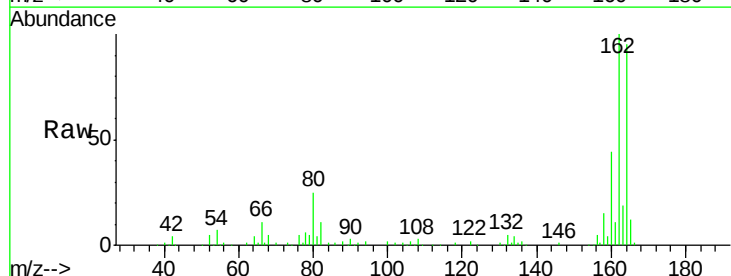
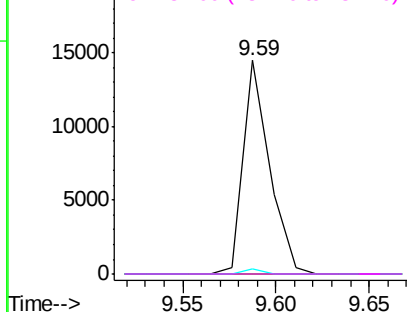
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

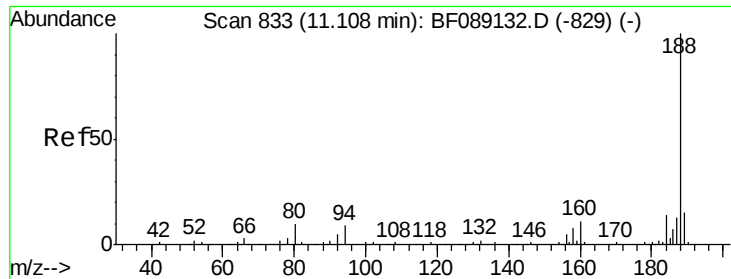


#56
 2,4-Dinitrotoluene
 Concen: 5.56 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	2.2	74.3	111.5#
182	0.0	2.0	3.0#

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

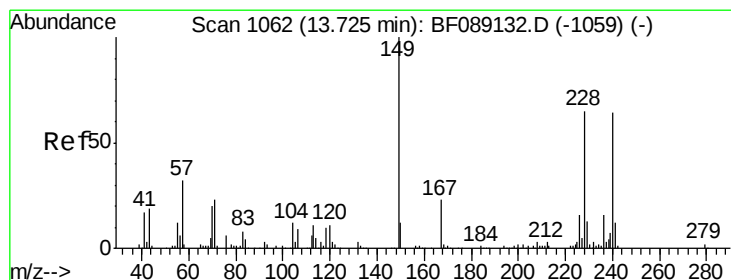
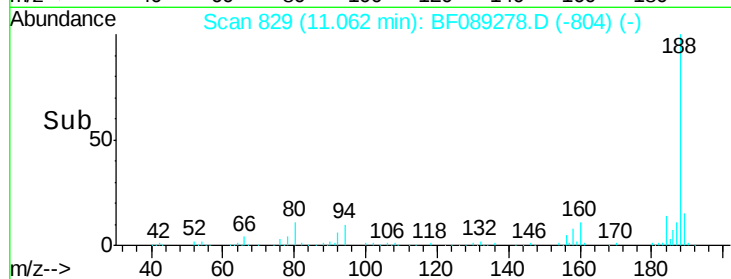
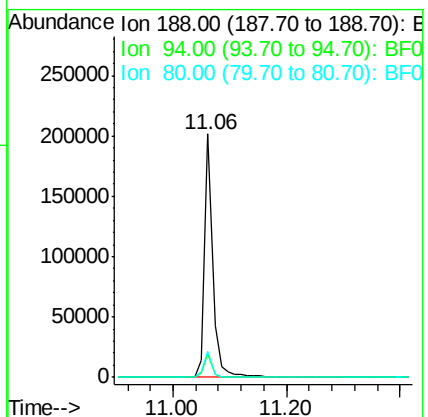
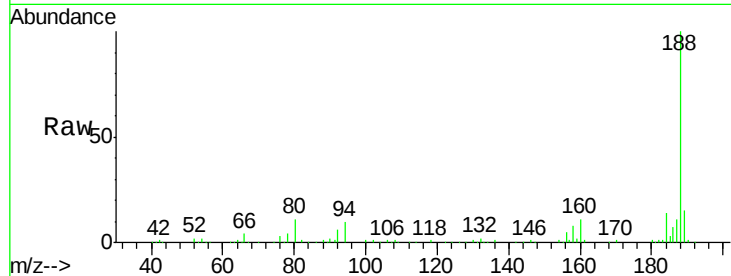




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

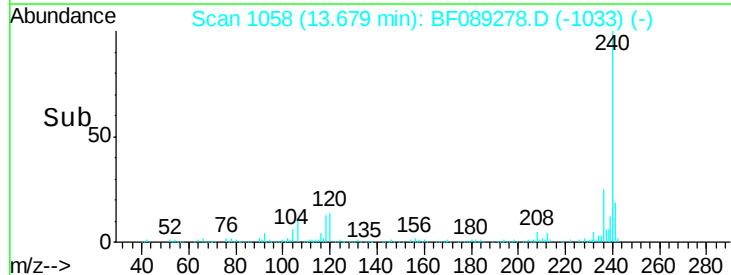
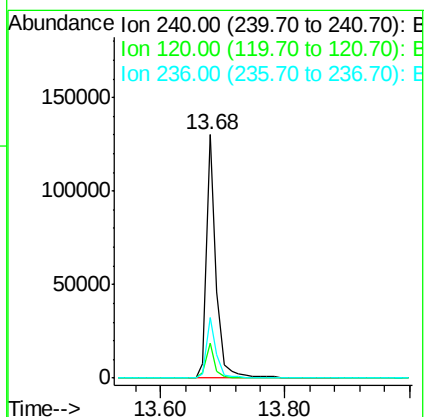
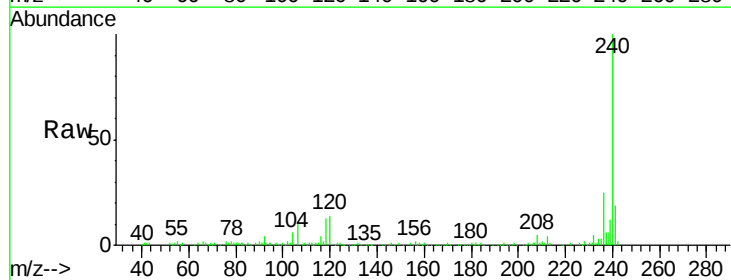
Instrument :
BNA_F
ClientSampleId :
TS-1

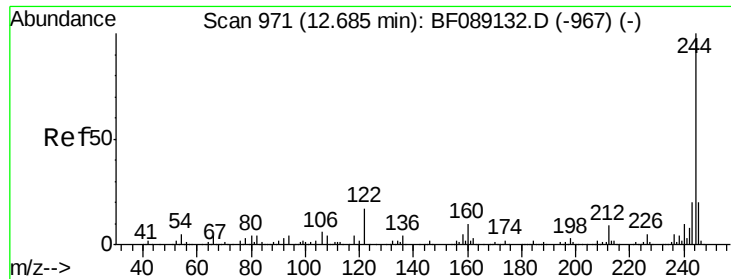
Tgt Ion:188 Resp: 196270
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089278.D
Acq: 25 Jul 2016 14:42

Tgt Ion:240 Resp: 139366
Ion Ratio Lower Upper
240 100
120 14.4 13.6 20.4
236 25.0 20.5 30.7

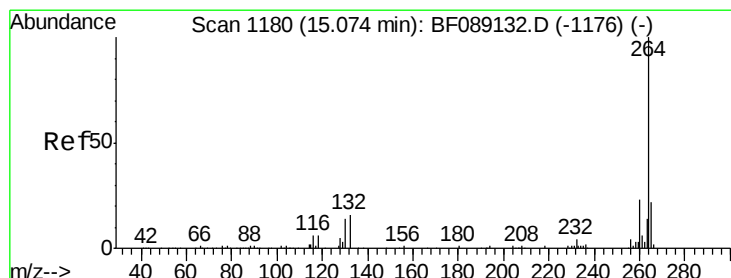
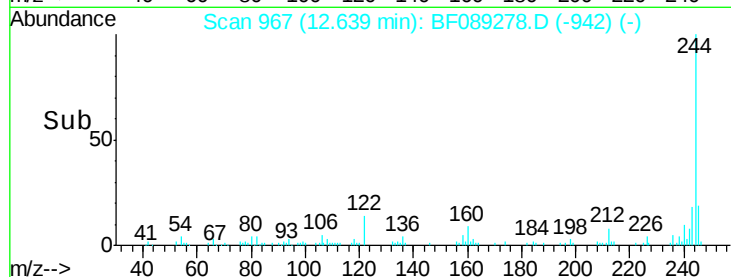
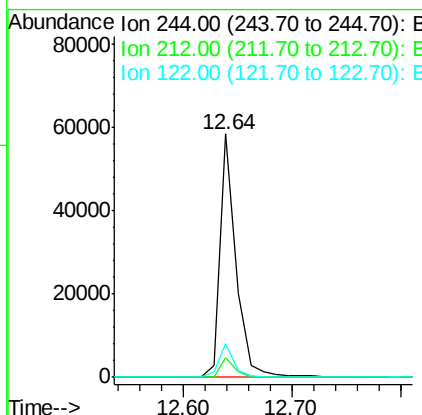
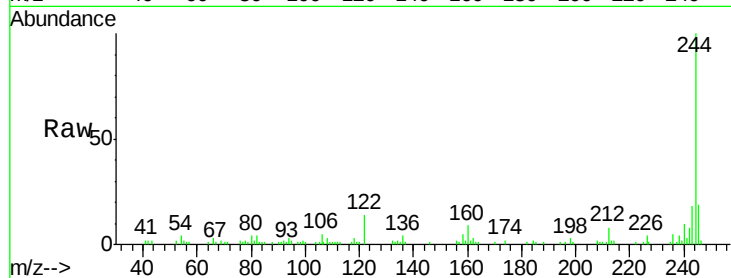




#78
 Terphenyl-d14
 Concen: 9.34 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	13.9	13.8	20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF089278.D
 Acq: 25 Jul 2016 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.3	25.9

