

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087356.D
 Acq On : 25 May 2016 1:23
 Operator : UM/SJ
 Sample : H3191-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

Quant Time: May 25 05:17:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

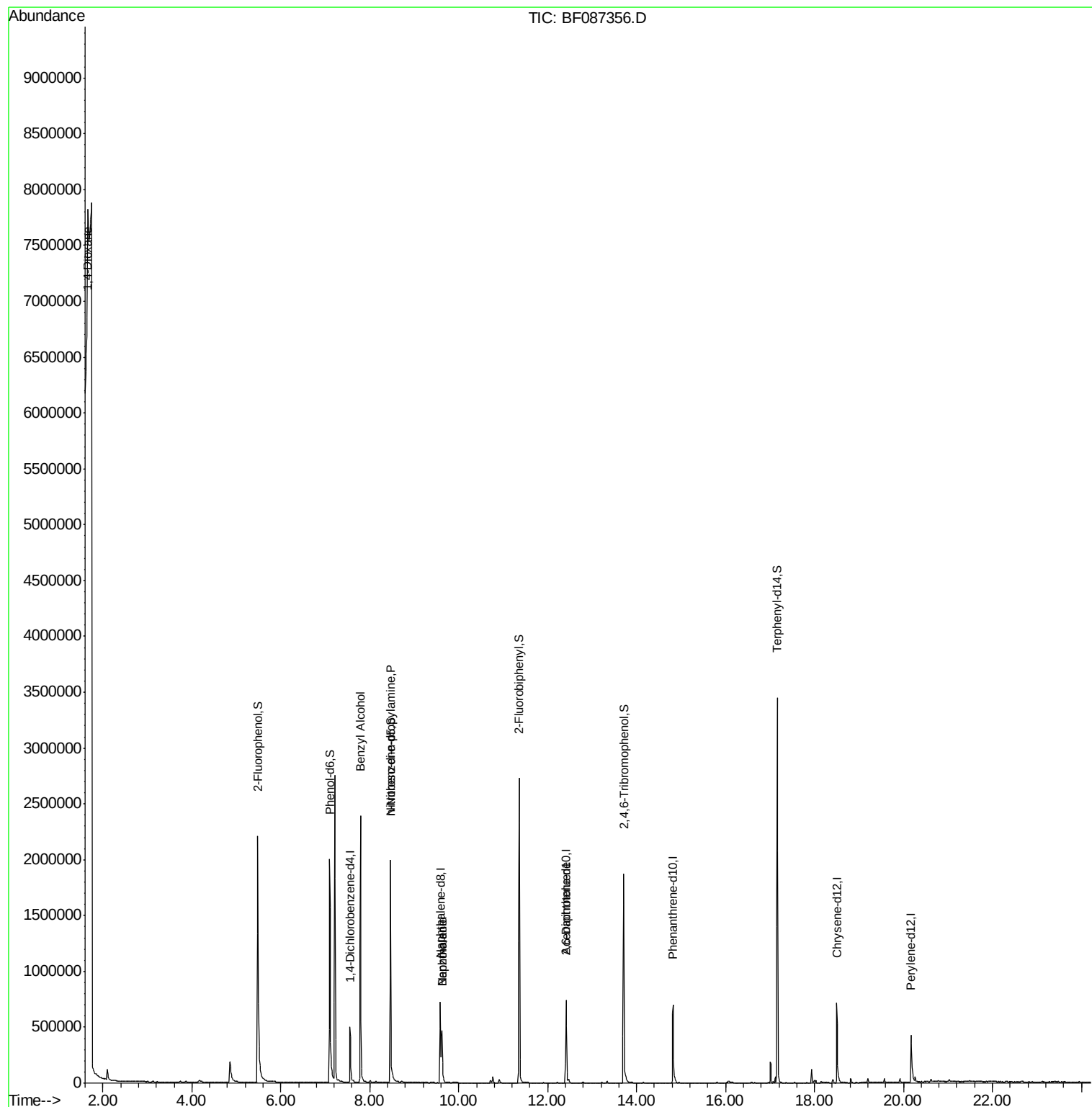
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	114289	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	461906	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	218759	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	443507	20.00	ng	0.00
75) Chrysene-d12	18.50	240	385872	20.00	ng	-0.01
86) Perylene-d12	20.17	264	276291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	899641	138.32	ng	0.02
7) Phenol-d6	7.10	99	1075329	122.35	ng	-0.01
23) Nitrobenzene-d5	8.47	82	854128	93.19	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	332814	158.32	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1475740	95.10	ng	-0.02
78) Terphenyl-d14	17.17	244	1565040	86.23	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.66	88	56813	16.55	ng	# 22
15) Benzyl Alcohol	7.79	79	14403	2.25	ng	# 40
19) n-Nitroso-di-n-propylamine	8.47	70	115567	17.63	ng	# 73
31) Naphthalene	9.62	128	380352	16.43	ng	98
32) Benzoic acid	9.62	122	998	6.07	ng	# 1
50) 2,6-Dinitrotoluene	12.41	165	25908	7.34	ng	# 20

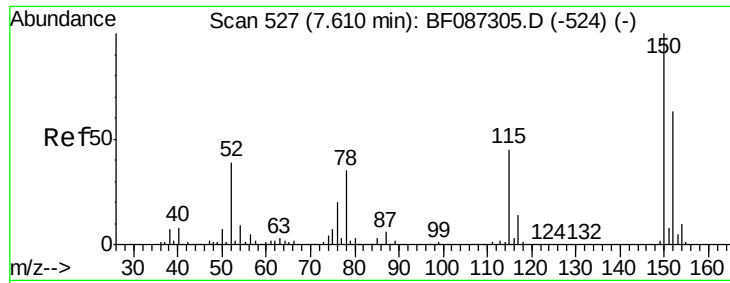
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

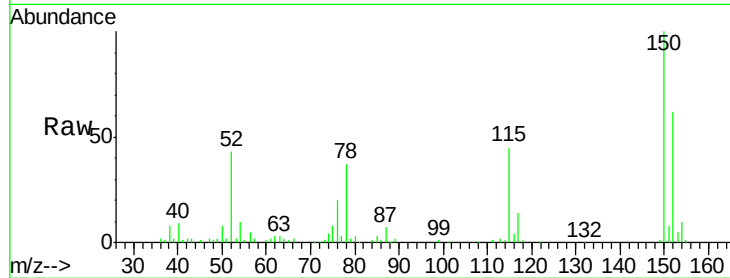
Tgt Ion: 152 Resp: 114289

Ion Ratio Lower Upper

152 100

150 161.4 125.8 188.6

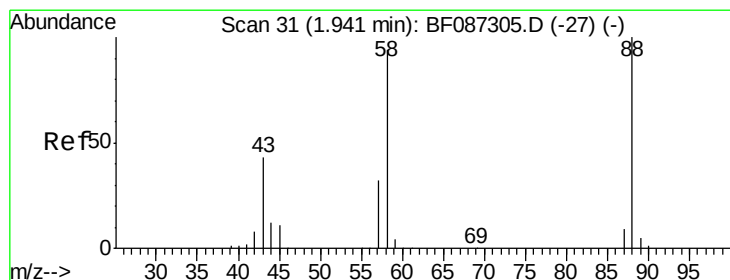
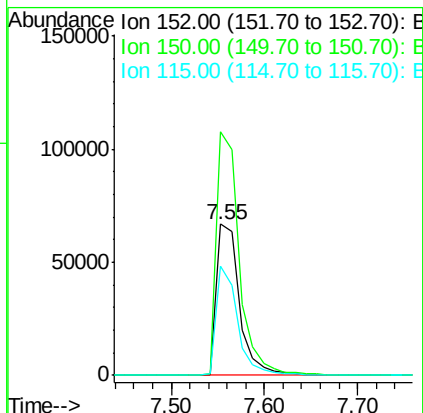
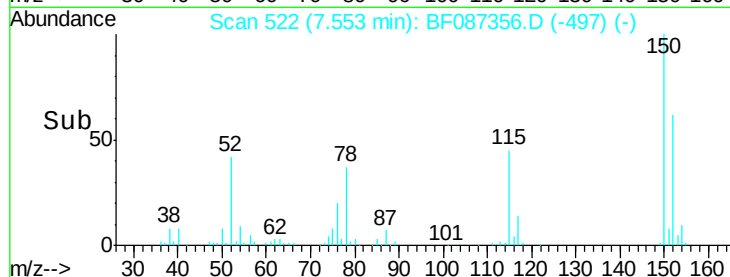
115 72.5 51.5 77.3



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



#2

1,4-Dioxane

Concen: 16.55 ng

RT: 1.66 min Scan# 6

Delta R.T. -0.21 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

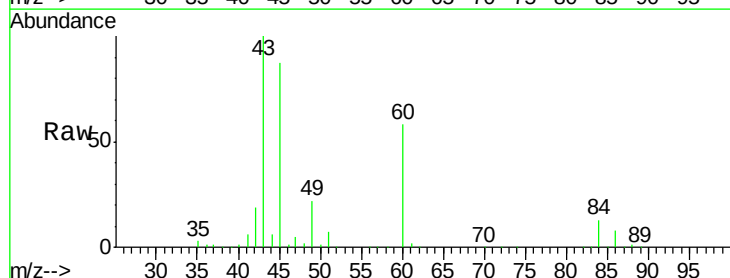
Tgt Ion: 88 Resp: 56813

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

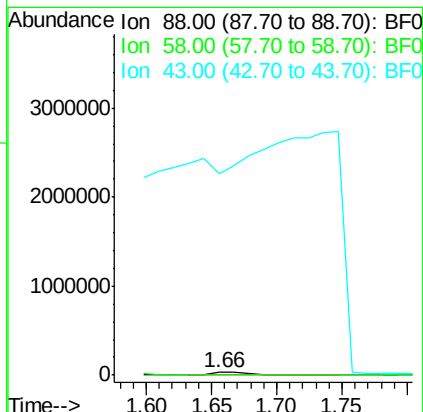
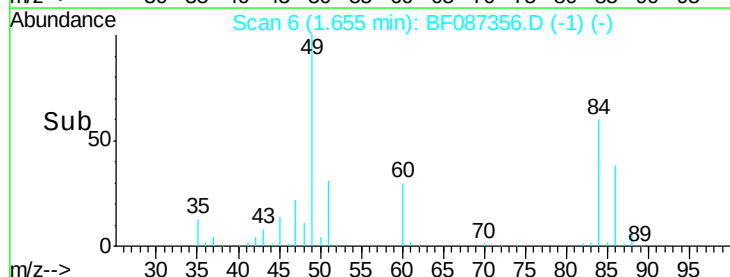
43 0.0 21.8 32.6#

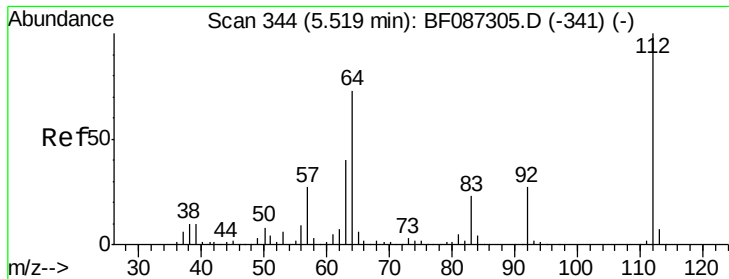


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 138.32 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

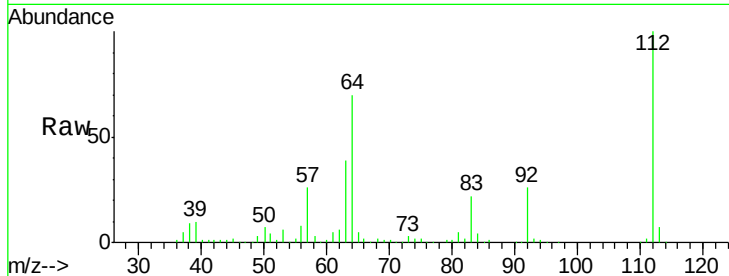
Tgt Ion: 112 Resp: 899641

Ion Ratio Lower Upper

112 100

64 69.9 52.1 78.1

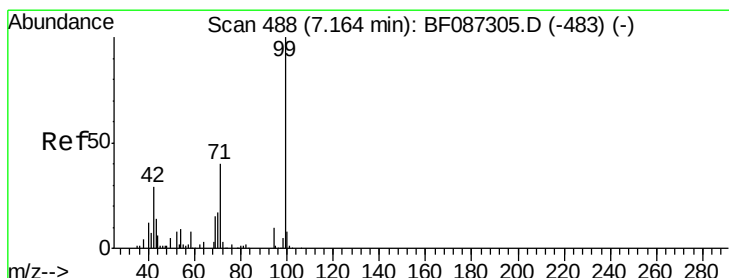
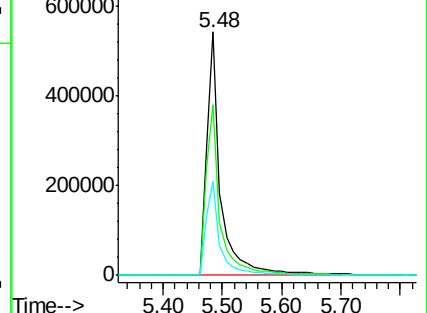
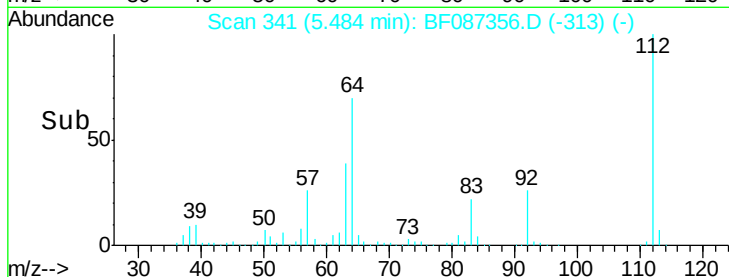
63 38.6 25.7 38.5#



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: 122.35 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

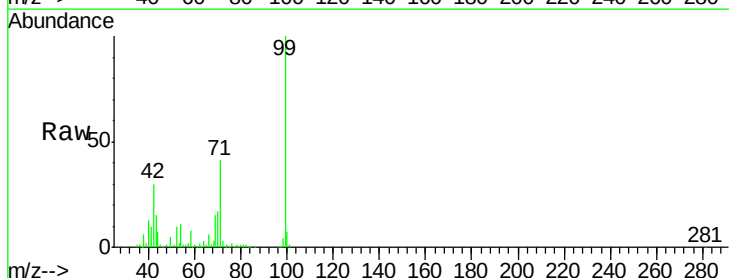
Tgt Ion: 99 Resp: 1075329

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

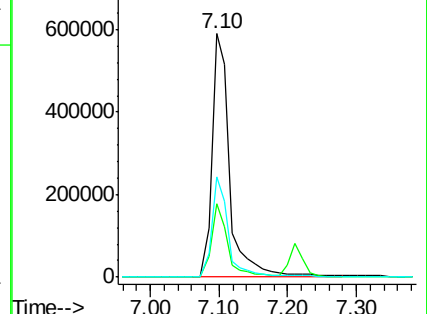
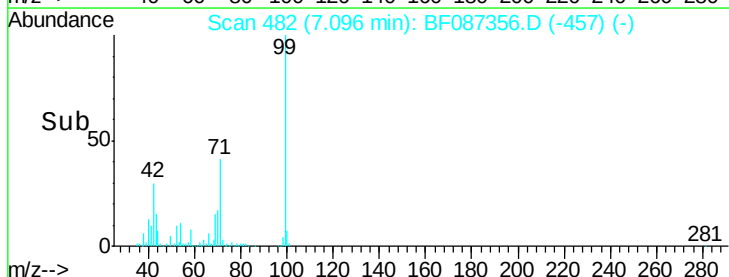
71 41.1 24.6 36.8#

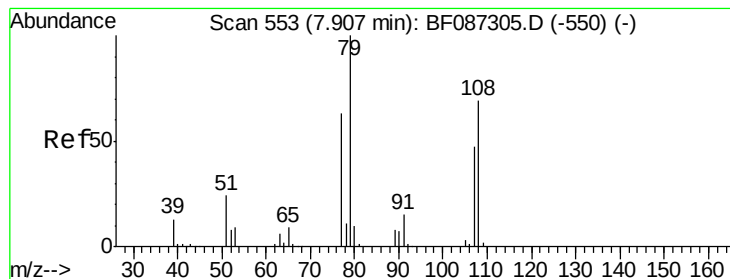


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

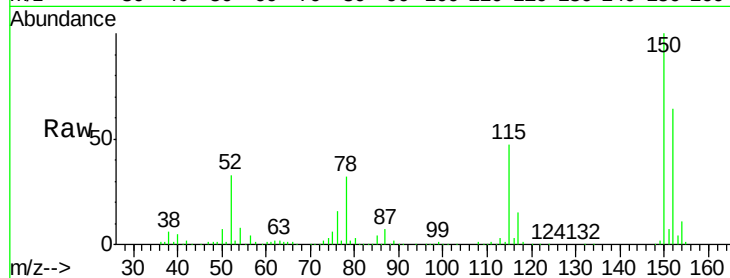
Tgt Ion: 79 Resp: 14403

Ion Ratio Lower Upper

79 100

108 31.4 68.4 102.6#

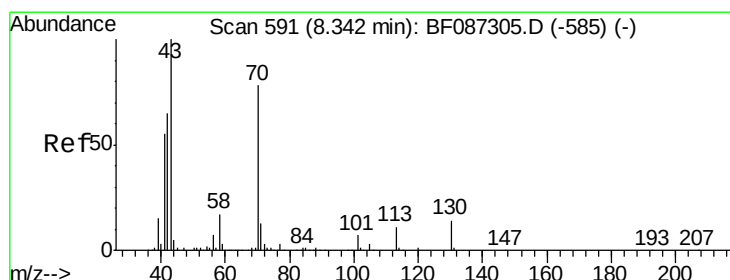
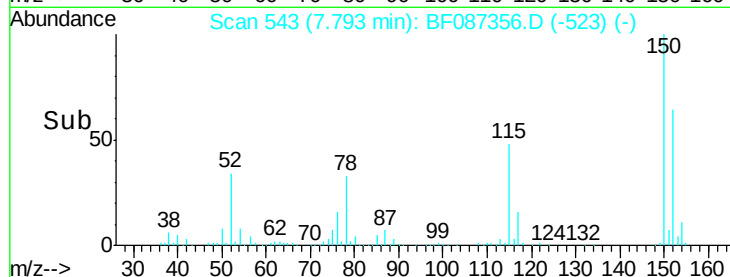
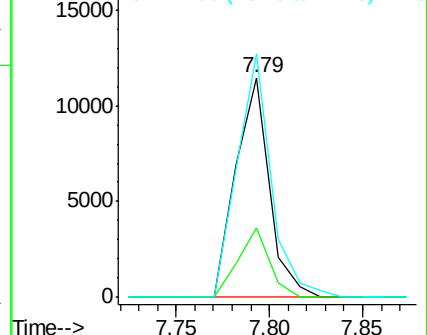
77 110.7 50.6 76.0#



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: 17.63 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.18 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Tgt Ion: 70 Resp: 115567

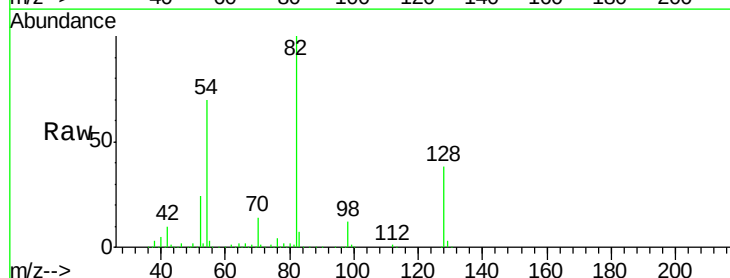
Ion Ratio Lower Upper

70 100

42 67.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

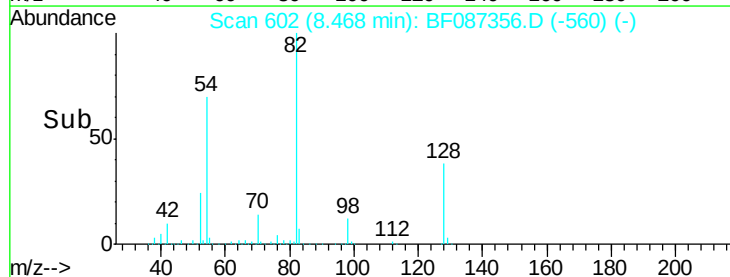
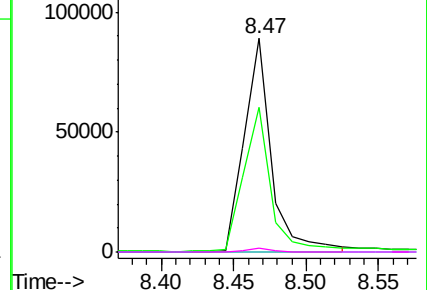


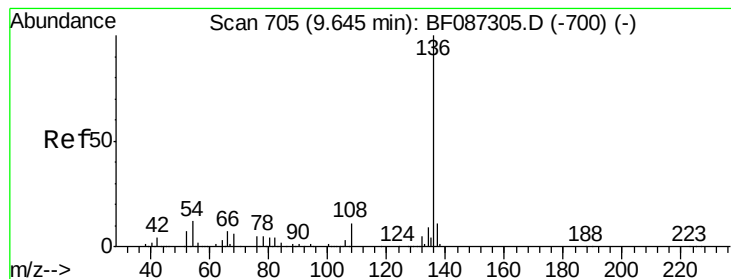
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

Tgt Ion: 136 Resp: 461906

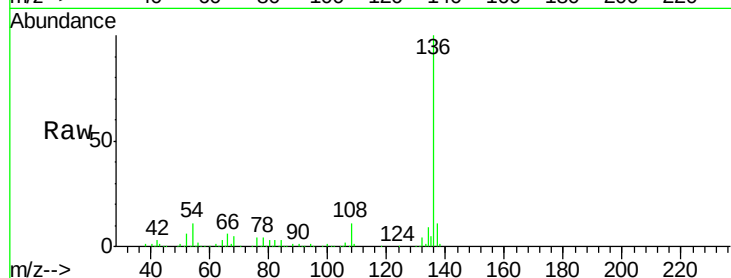
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.5 5.0 7.4#

68 5.3 4.4 6.6

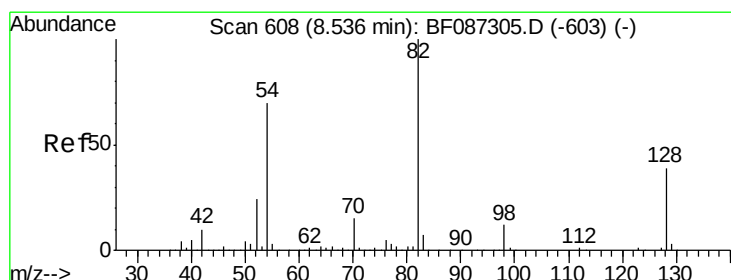
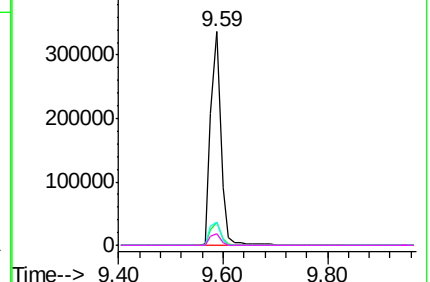
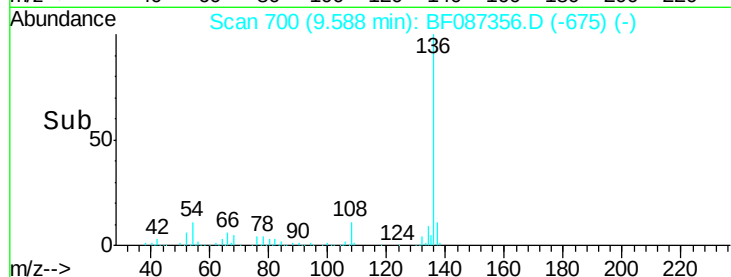


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.19 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

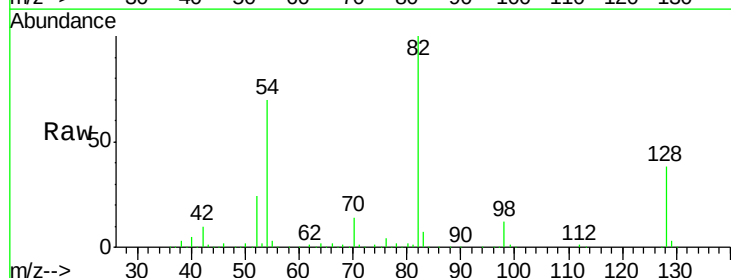
Tgt Ion: 82 Resp: 854128

Ion Ratio Lower Upper

82 100

128 38.1 40.6 61.0#

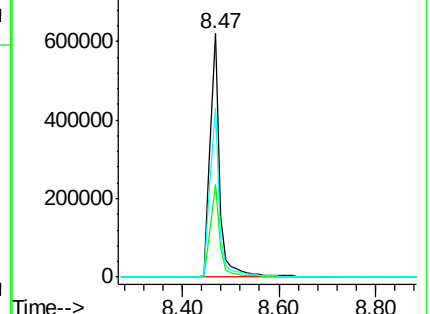
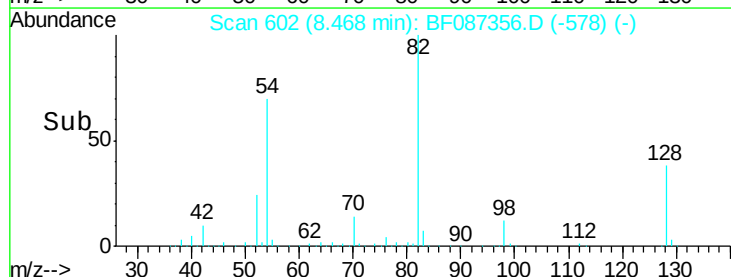
54 69.6 38.1 57.1#

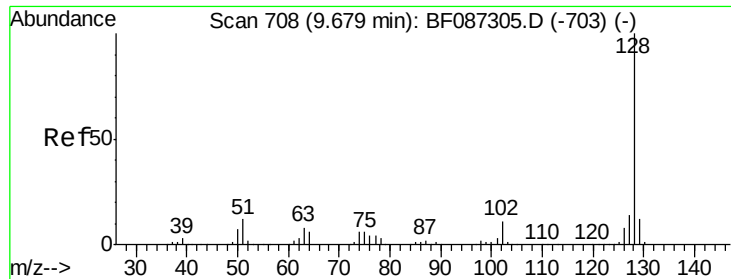


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

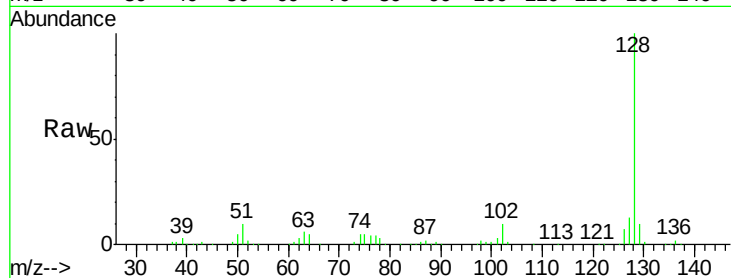




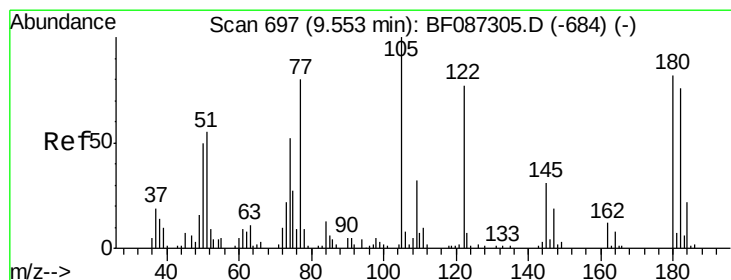
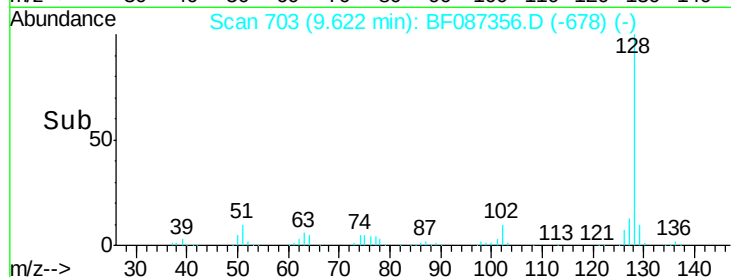
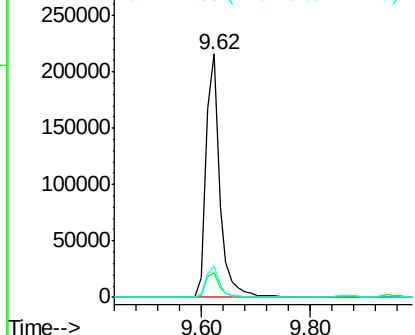
#31
Naphthalene
Concen: 16.43 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
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CHS-STA-1705(0-4)

Tgt Ion:128 Resp: 380352
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 12.7 10.8 16.2

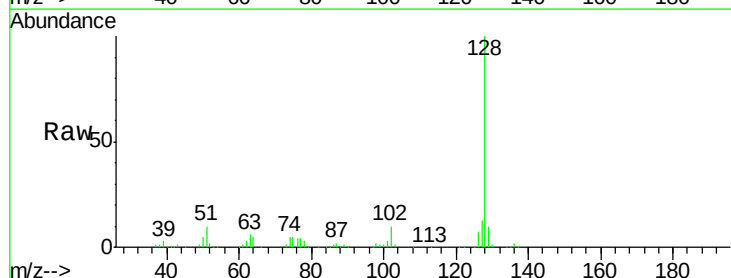


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

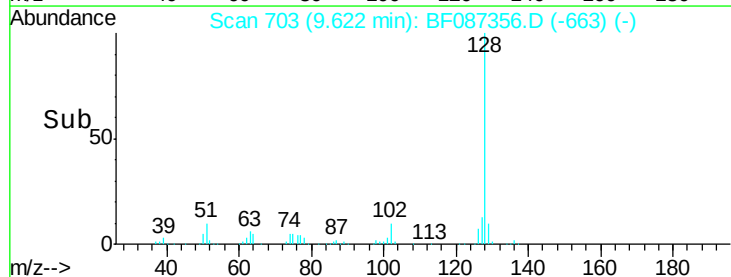
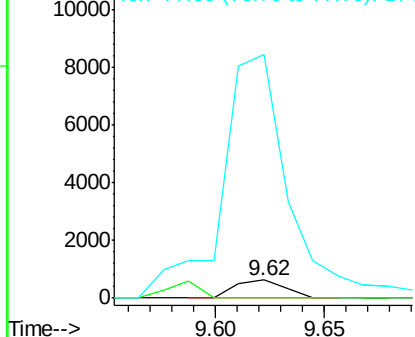


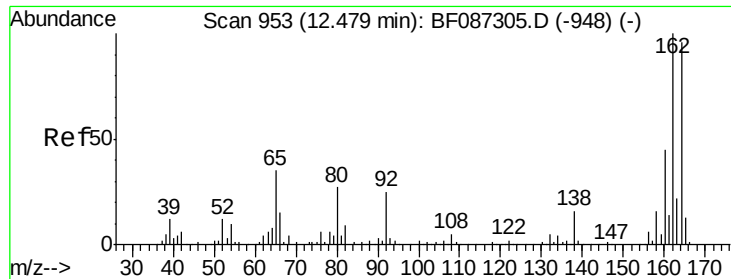
#32
Benzoic acid
Concen: 6.07 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.16 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:122 Resp: 998
Ion Ratio Lower Upper
122 100
105 0.0 92.6 132.6#
77 1375.4 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

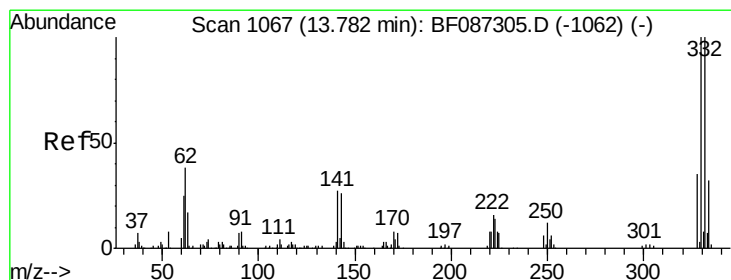
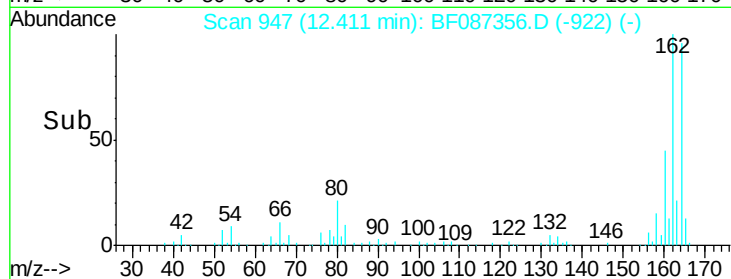
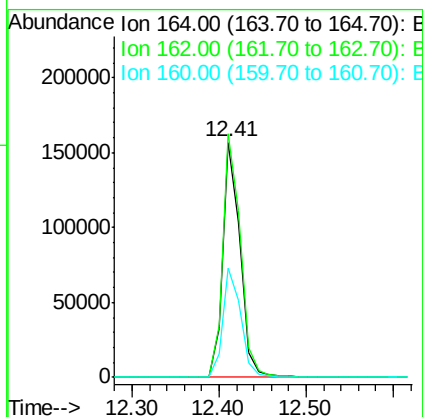
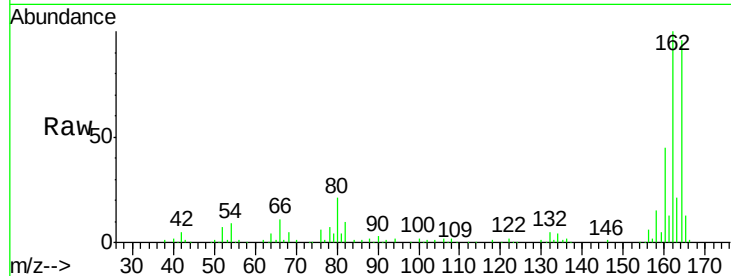




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

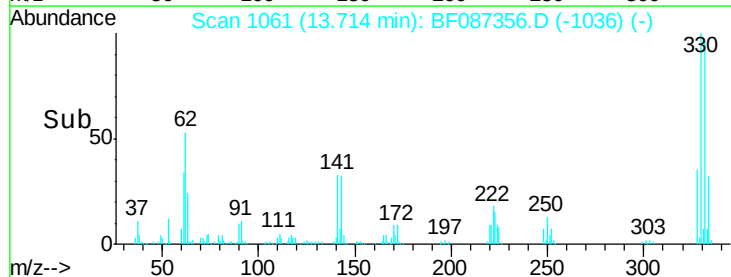
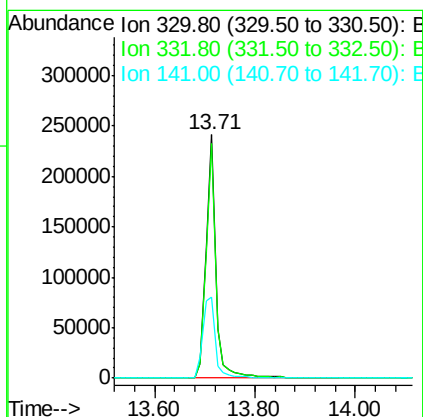
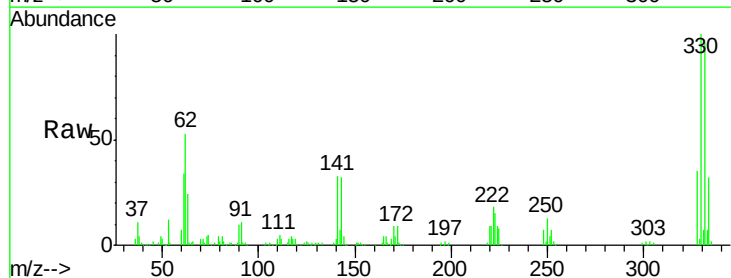
Instrument :
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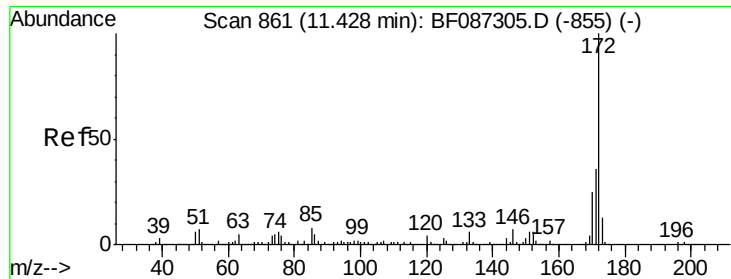
Tgt Ion:164 Resp: 218759
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 46.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 158.32 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

Tgt Ion:330 Resp: 332814
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 43.0 31.2 46.8

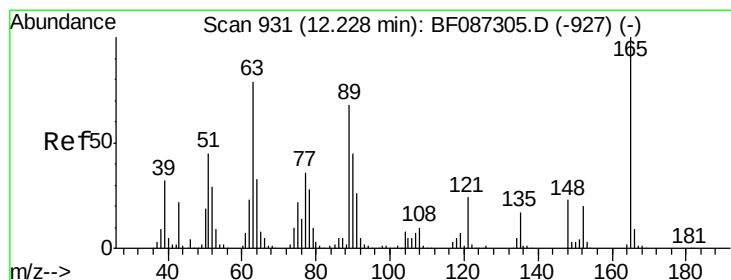
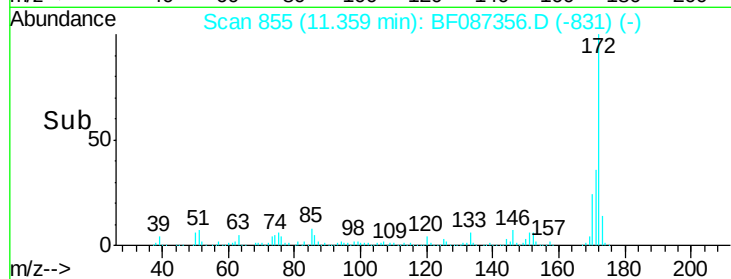
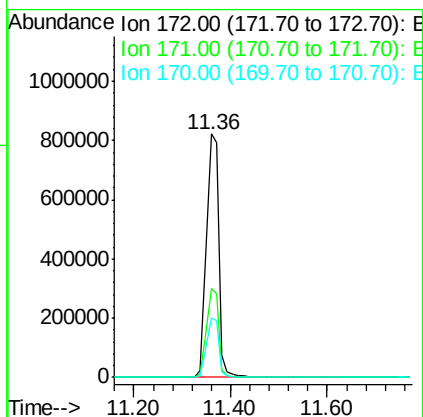
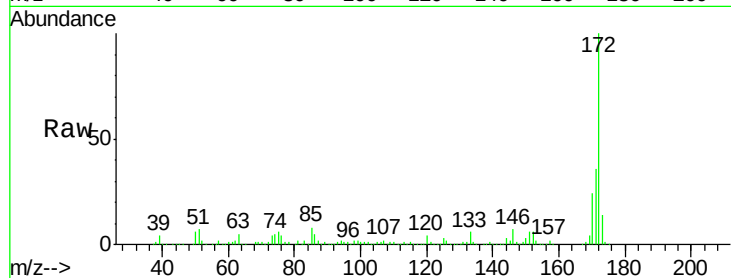




#44
 2-Fluorobiphenyl
 Concen: 95.10 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

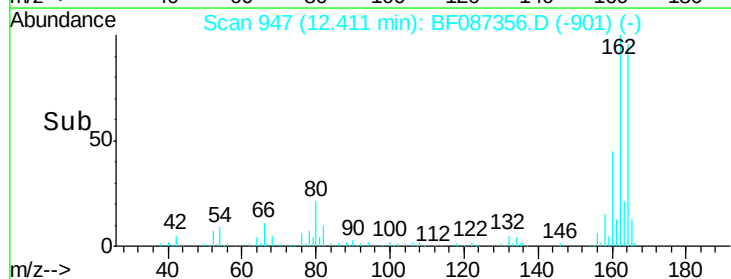
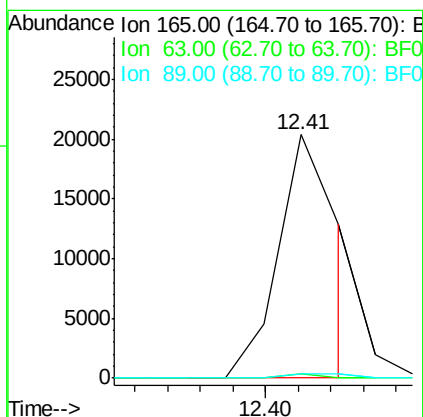
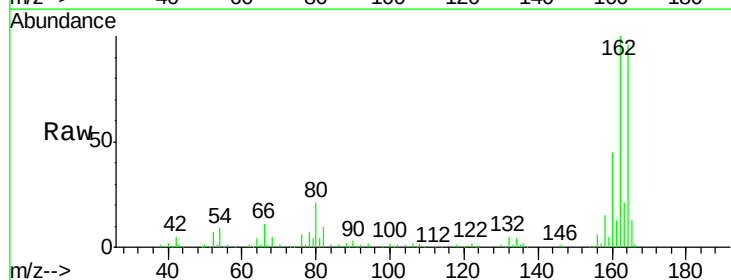
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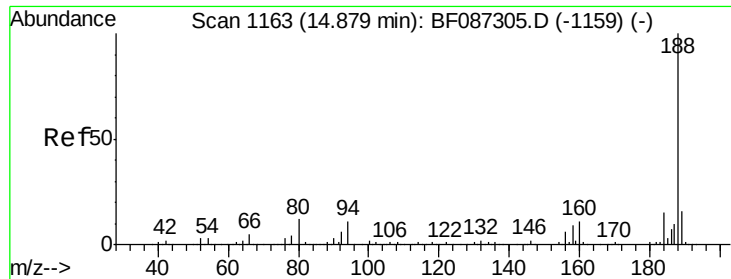
Tgt Ion:172 Resp: 1475740
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.5 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.34 ng
 RT: 12.41 min Scan# 947
 Delta R.T. 0.23 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

Tgt Ion:165 Resp: 25908
 Ion Ratio Lower Upper
 165 100
 63 1.6 51.8 77.8#
 89 1.7 50.7 76.1#

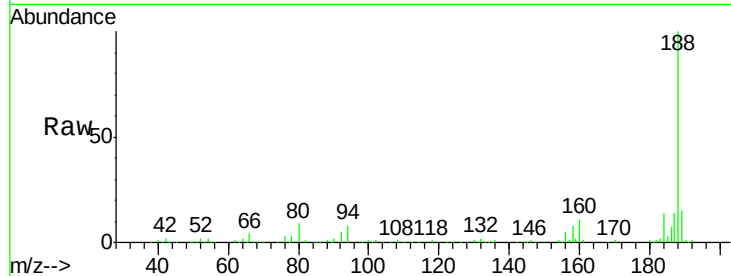




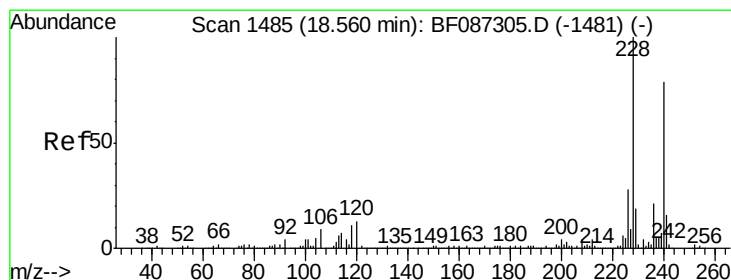
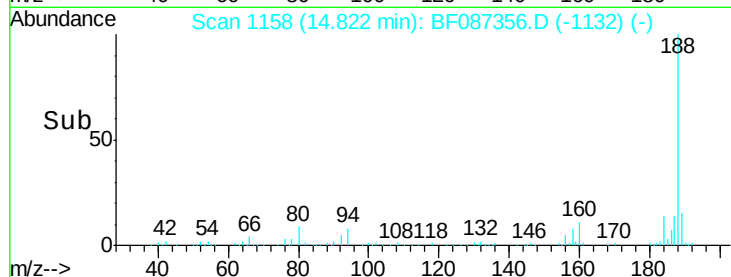
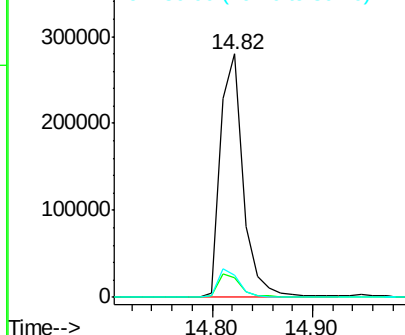
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:188 Resp: 443507
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.1 7.1 10.7

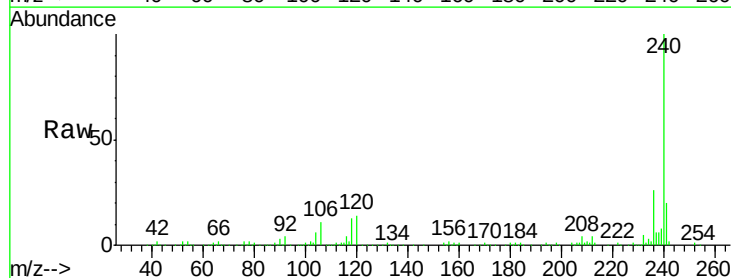


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

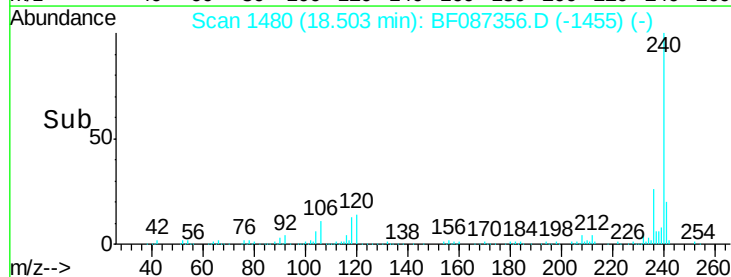
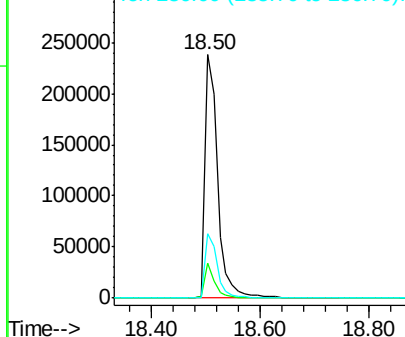


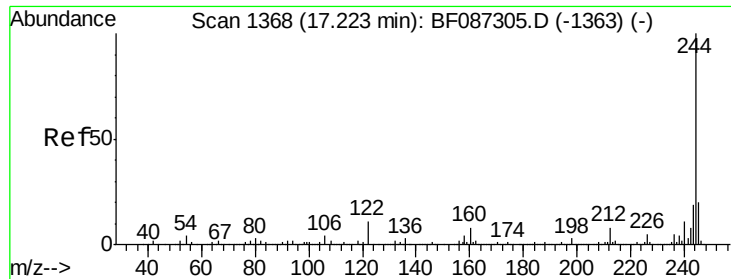
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion:240 Resp: 385872
Ion Ratio Lower Upper
240 100
120 14.4 11.2 16.8
236 26.3 21.2 31.8



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: 86.23 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

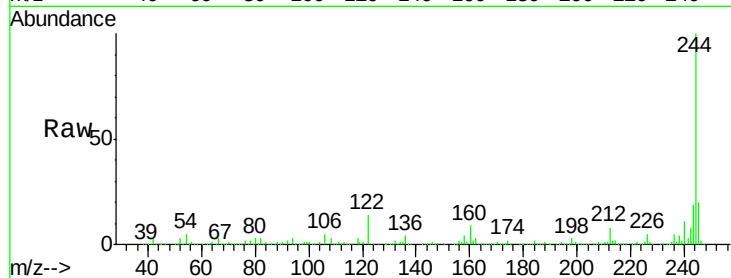
Tgt Ion:244 Resp: 1565040

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

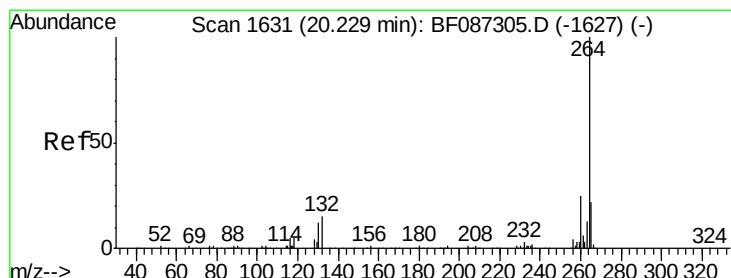
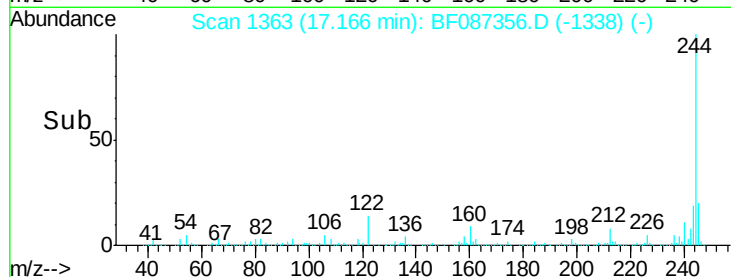
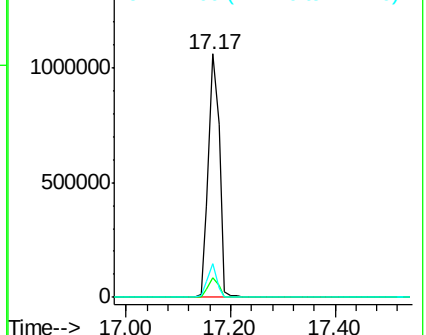
122 13.6 12.0 18.0



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: 20.17 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

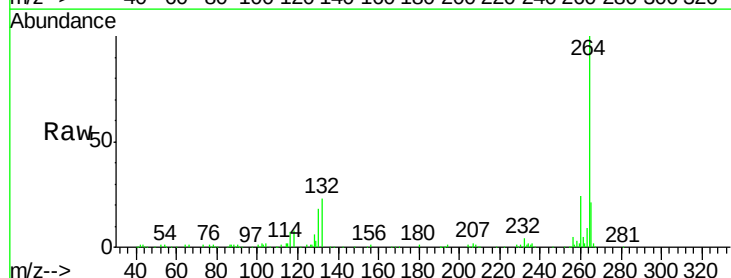
Tgt Ion:264 Resp: 276291

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.0 17.3 25.9



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

