

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087287.D
 Acq On : 22 May 2016 13:25
 Operator : UM/SJ
 Sample : H3172-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: May 23 03:37:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

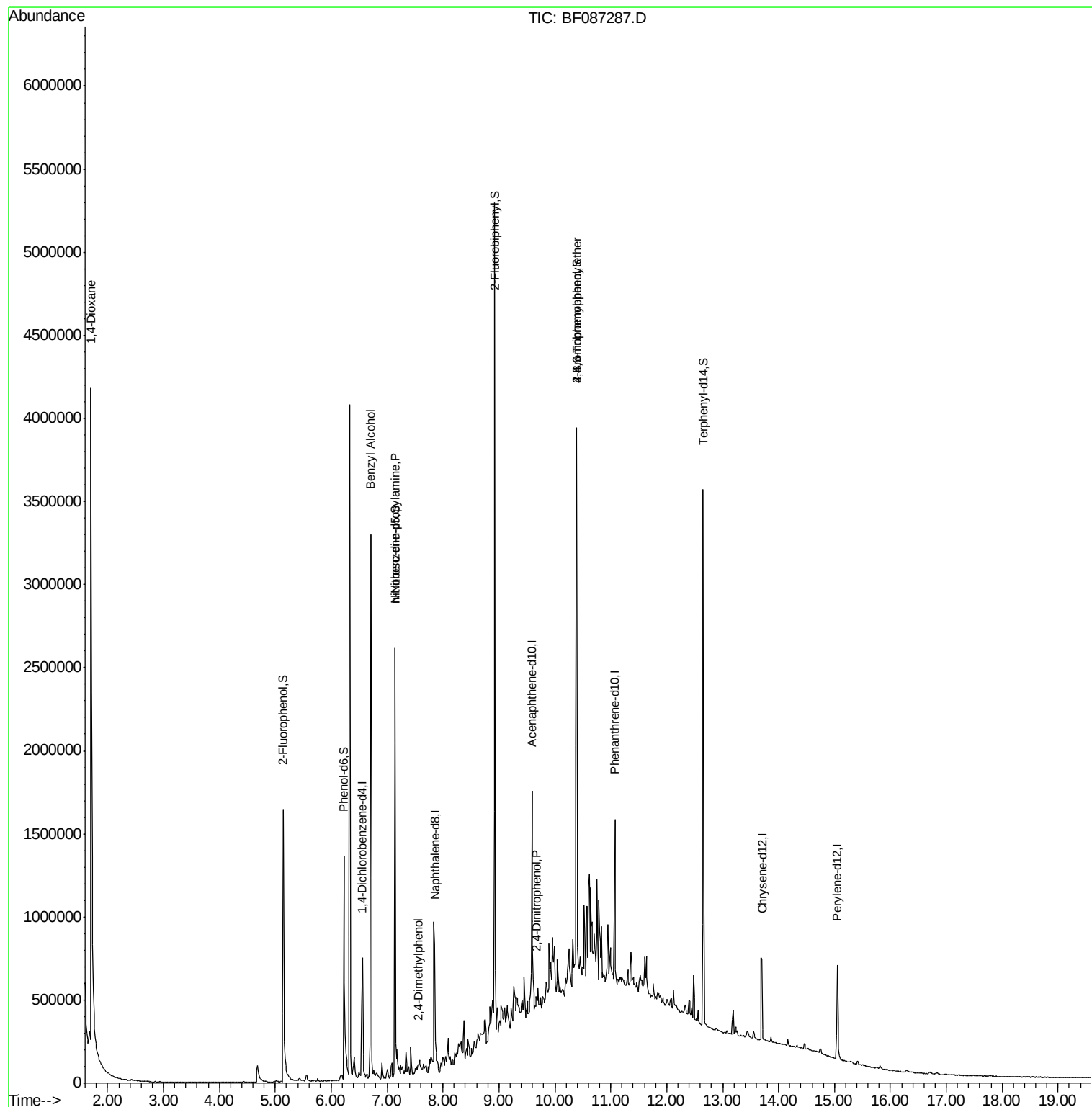
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127236	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	522607	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	237933	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	402232	20.00	ng	0.00
75) Chrysene-d12	13.70	240	270616	20.00	ng	0.00
86) Perylene-d12	15.05	264	239319	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	561437	74.17	ng	0.01
7) Phenol-d6	6.23	99	575963	56.73	ng	0.00
23) Nitrobenzene-d5	7.14	82	1093211	104.25	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	341670	129.95	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1420162	98.85	ng	0.00
78) Terphenyl-d14	12.65	244	1026578	85.81	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	151435	38.89	ng	# 22
9) Benzaldehyde	6.23	77	1212	Below Cal		# 4
15) Benzyl Alcohol	6.71	79	19097	2.53	ng	# 44
19) n-Nitroso-di-n-propylamine	7.14	70	150491	19.50	ng	# 83
27) 2,4-Dimethylphenol	7.55	122	17856	2.21	ng	# 88
53) 2,4-Dinitrophenol	9.67	184	212	4.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.39	248	23731	5.74	ng	# 1

(#) = 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. -0.00 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

Instrument :

BNA_F

ClientSampleId :

MW-18

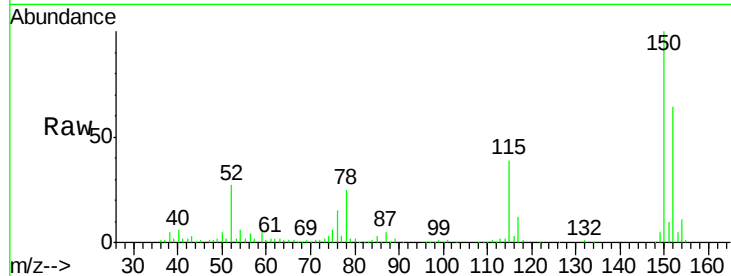
Tgt Ion:152 Resp: 127236

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

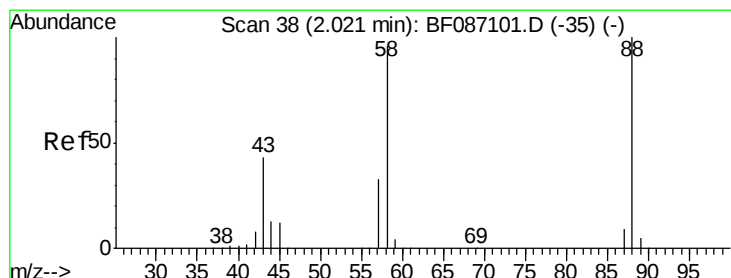
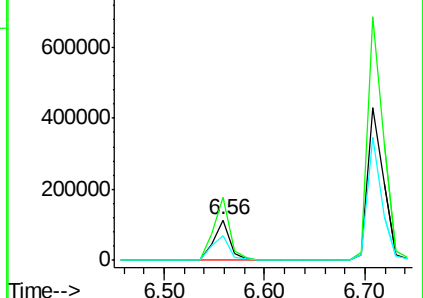
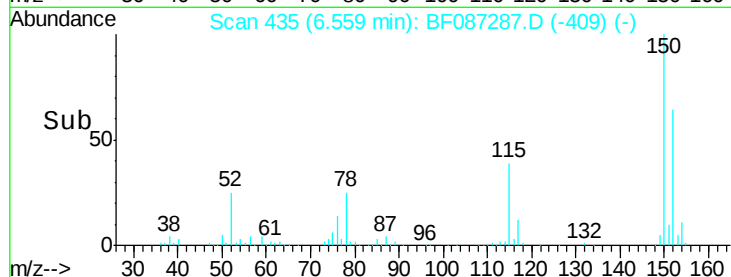
115 61.3 51.5 77.3



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: 38.89 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

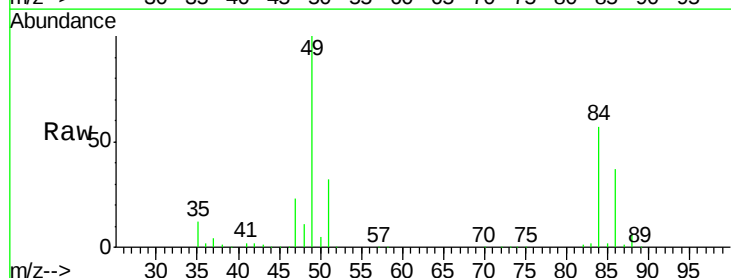
Tgt Ion: 88 Resp: 151435

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

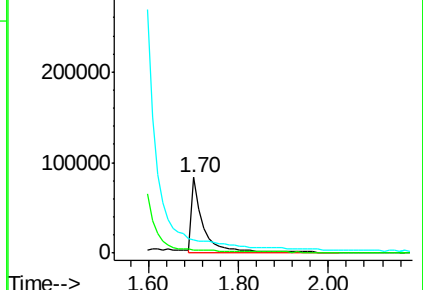
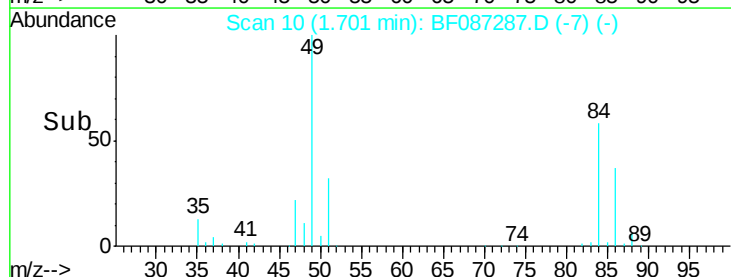
43 0.0 21.8 32.6#

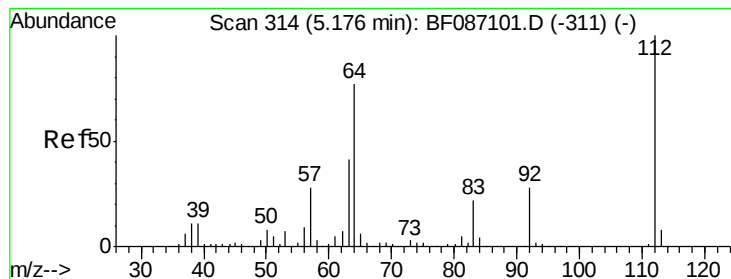


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 74.17 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

Instrument :

BNA_F

ClientSampled :

MW-18

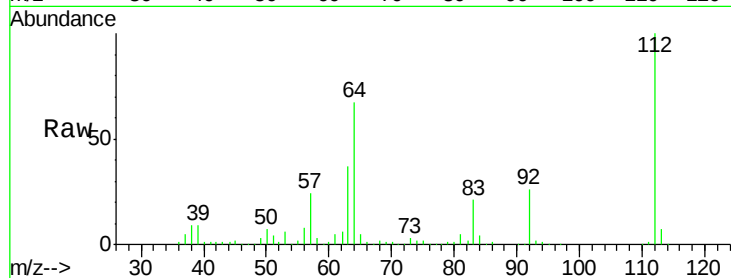
Tgt Ion: 112 Resp: 561437

Ion Ratio Lower Upper

112 100

64 66.5 52.1 78.1

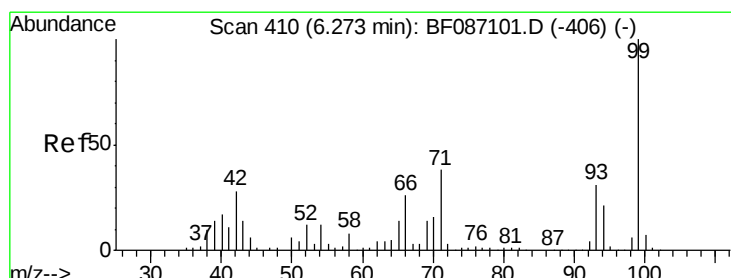
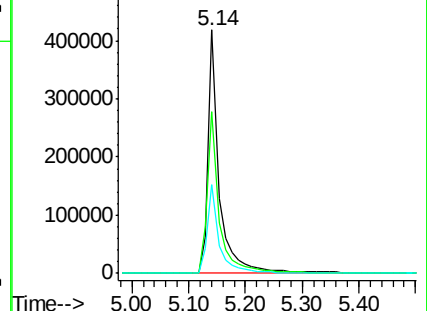
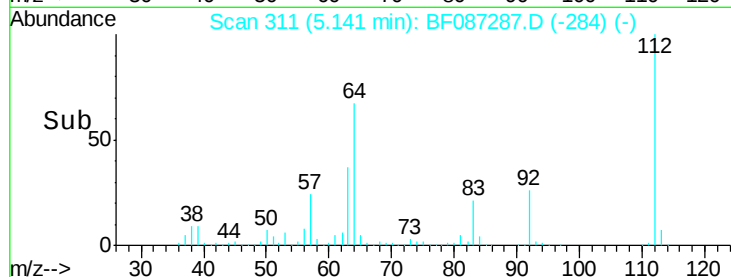
63 36.5 25.7 38.5



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: 56.73 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

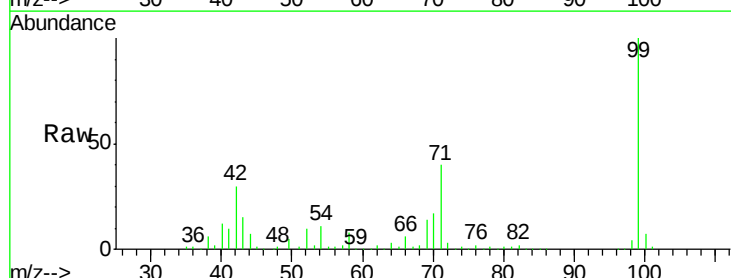
Tgt Ion: 99 Resp: 575963

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

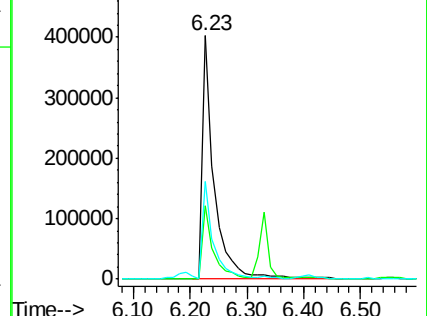
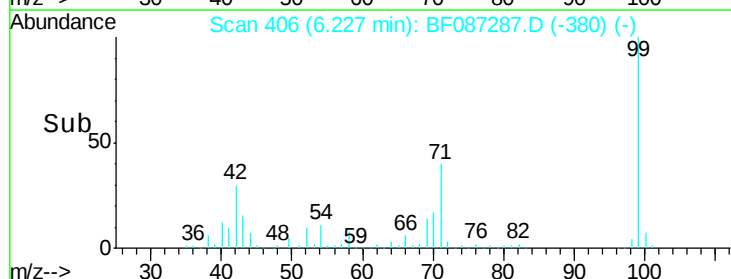
71 40.0 24.6 36.8#

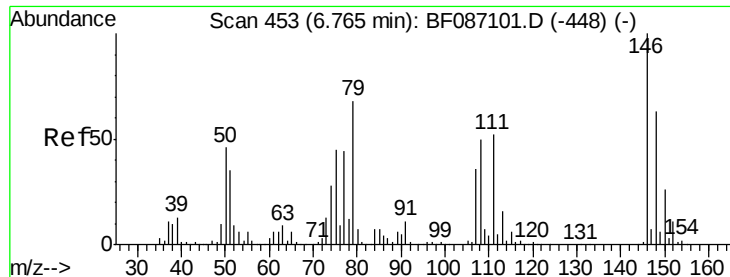


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

Instrument :

BNA_F

ClientSampled :

MW-18

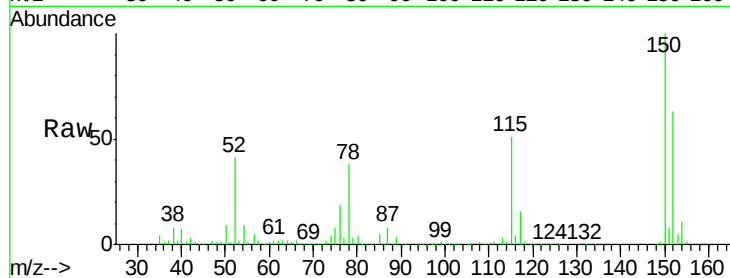
Tgt Ion: 79 Resp: 19097

Ion Ratio Lower Upper

79 100

108 28.3 68.4 102.6#

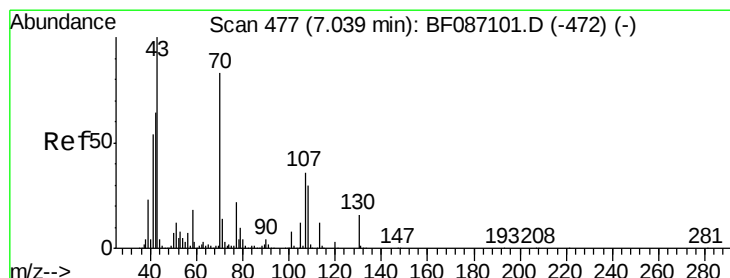
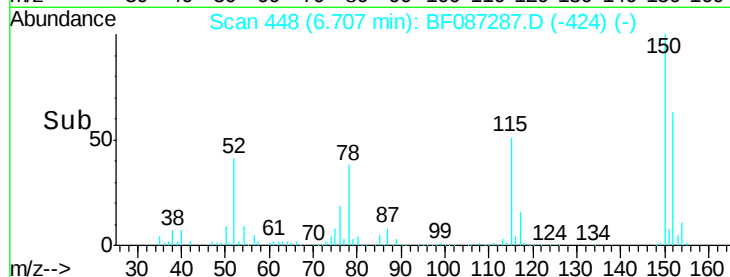
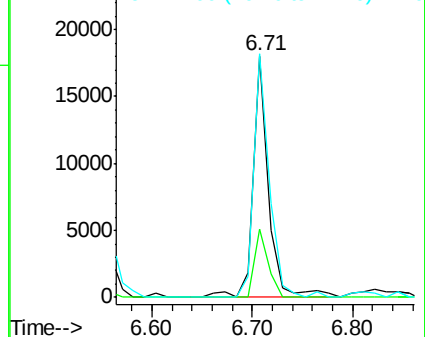
77 100.8 50.6 76.0#



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: 19.50 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.15 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

Tgt Ion: 70 Resp: 150491

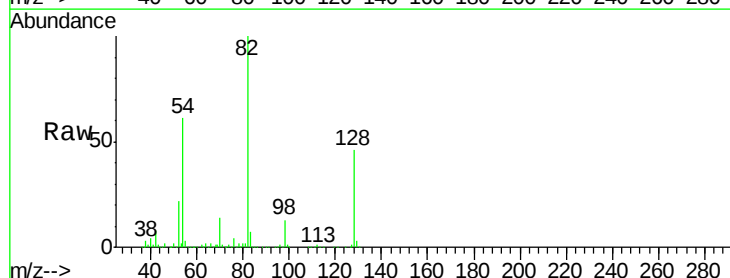
Ion Ratio Lower Upper

70 100

42 56.8 43.1 64.7

101 0.0 8.1 12.1#

130 2.3 18.6 28.0#

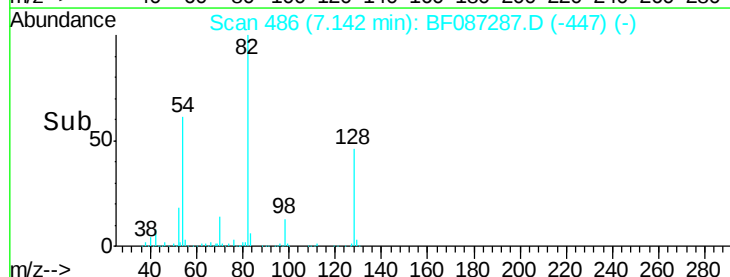
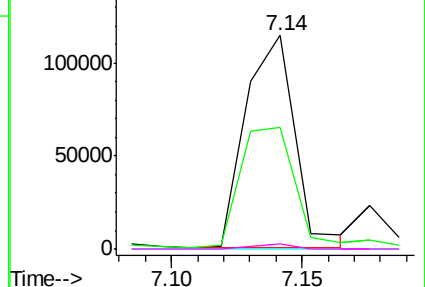


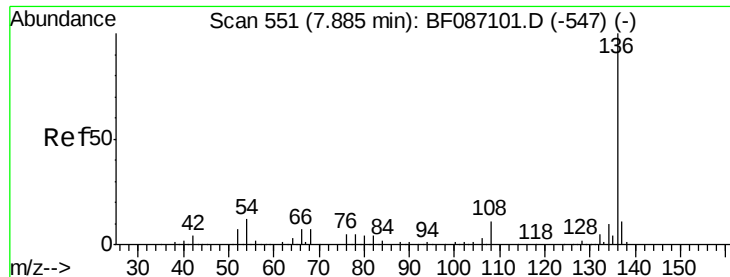
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

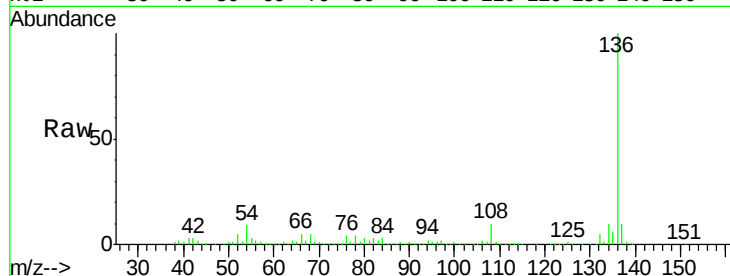




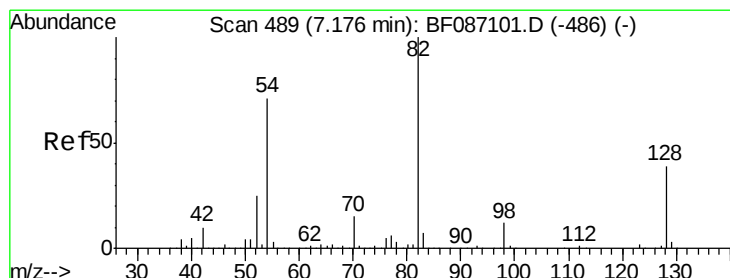
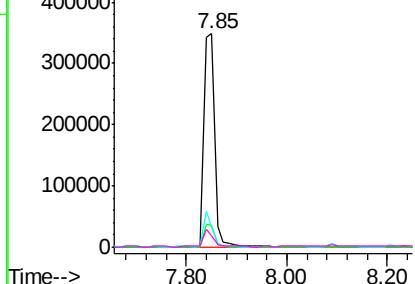
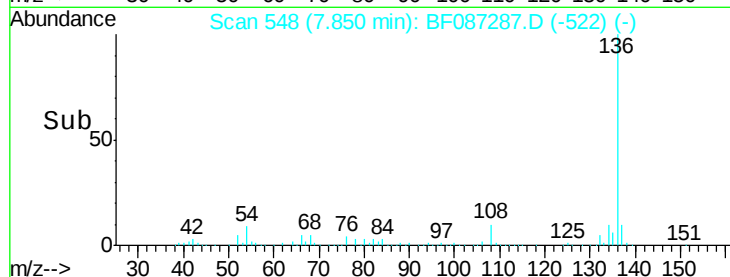
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Instrument :
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Tgt Ion:	136	Resp:	522607
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	9.5	5.0	7.4#
68	5.2	4.4	6.6

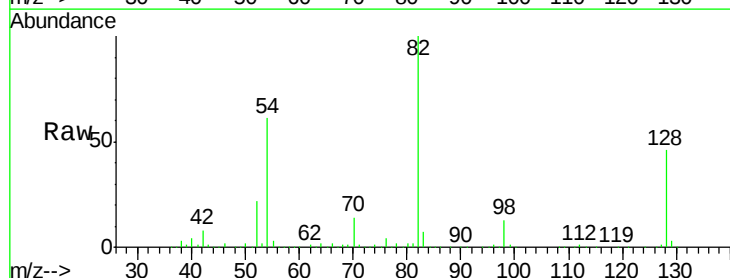


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

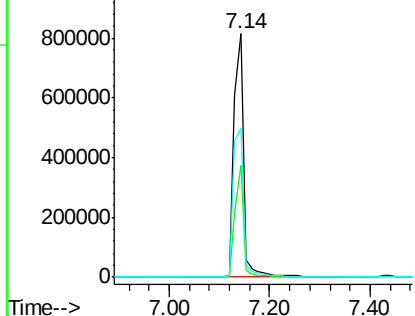
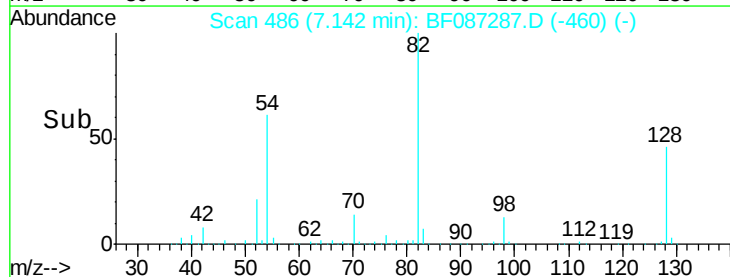


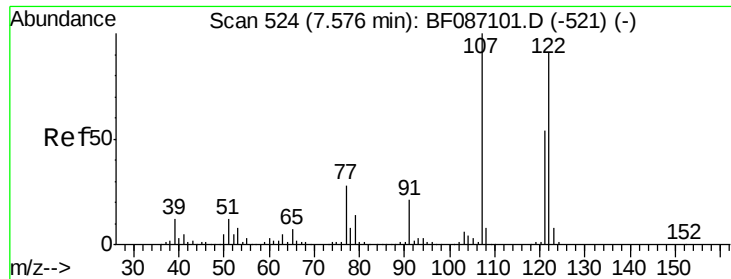
#23
Nitrobenzene-d5
Concen: 104.25 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Tgt Ion:	82	Resp:	1093211
Ion	Ratio	Lower	Upper
82	100		
128	46.0	40.6	61.0
54	61.4	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

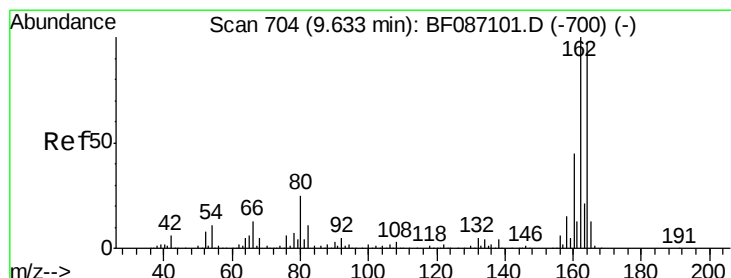
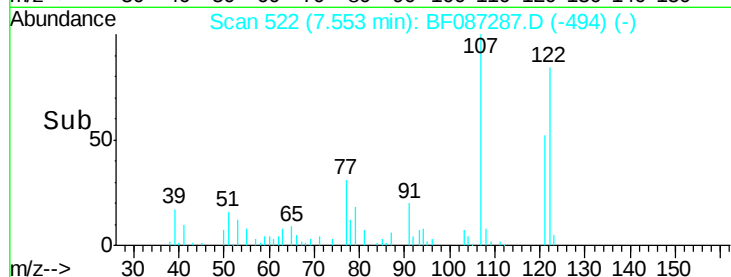
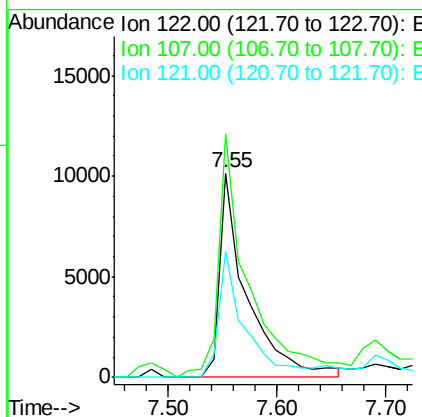
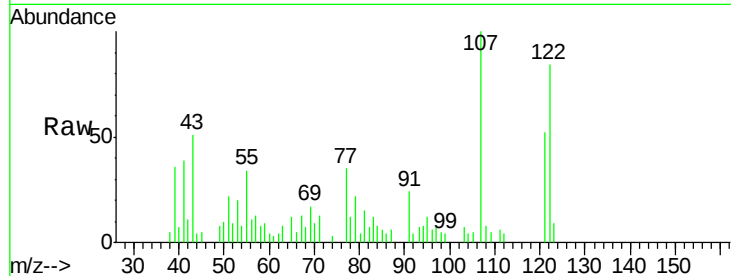




#27
2,4-Dimethylphenol
Concen: 2.21 ng
RT: 7.55 min Scan# 522
Delta R.T. 0.02 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

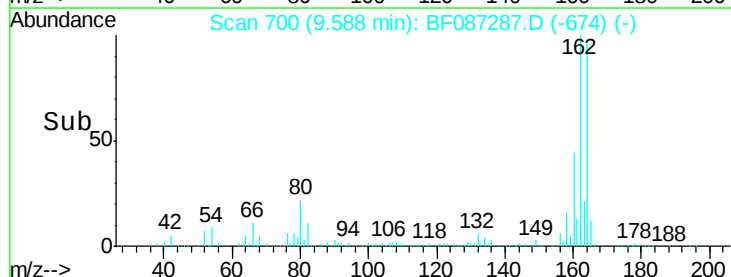
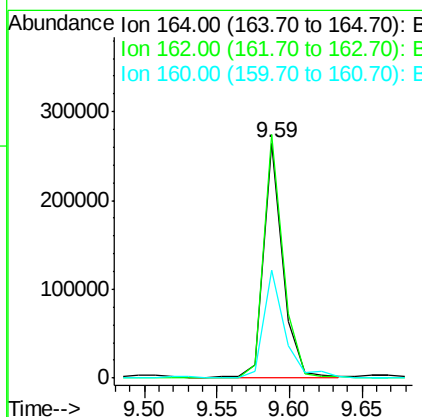
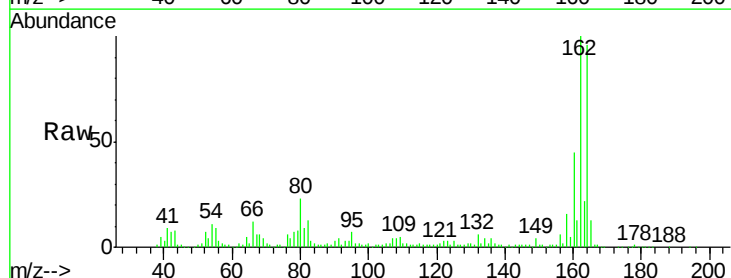
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MW-18

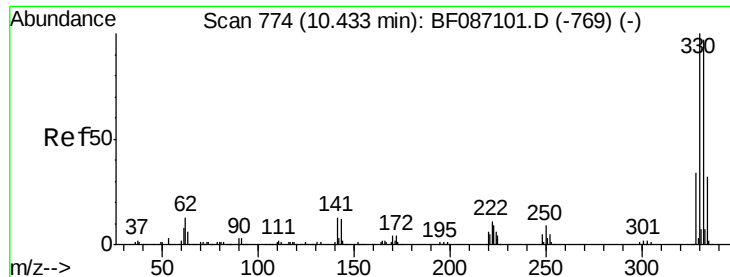
Tgt Ion:122 Resp: 17856
Ion Ratio Lower Upper
122 100
107 119.0 82.0 123.0
121 61.7 46.1 69.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Tgt Ion:164 Resp: 237933
Ion Ratio Lower Upper
164 100
162 103.8 82.8 124.2
160 46.2 36.9 55.3

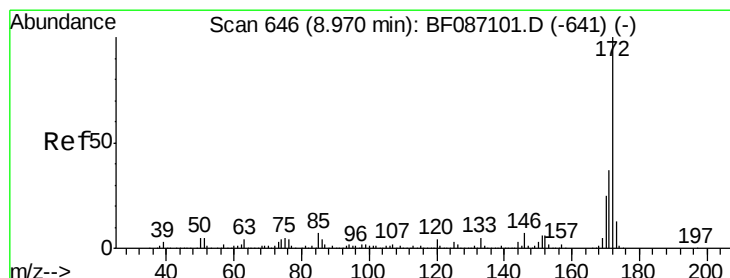
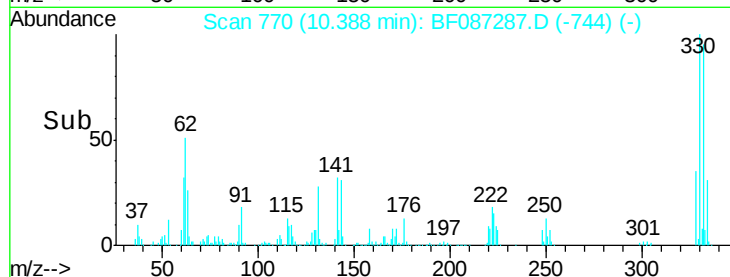
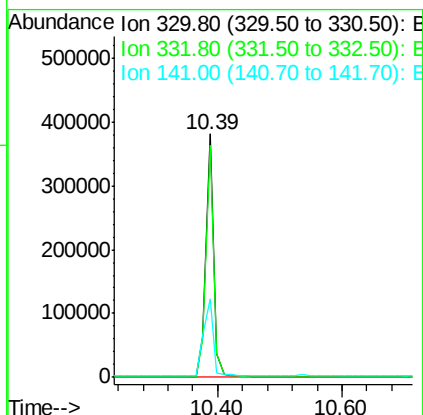
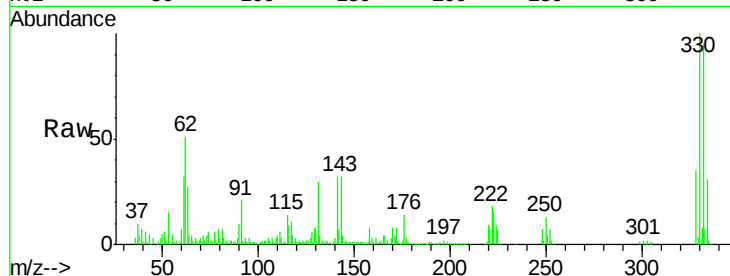




#41
 2,4,6-Tribromophenol
 Concen: 129.95 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

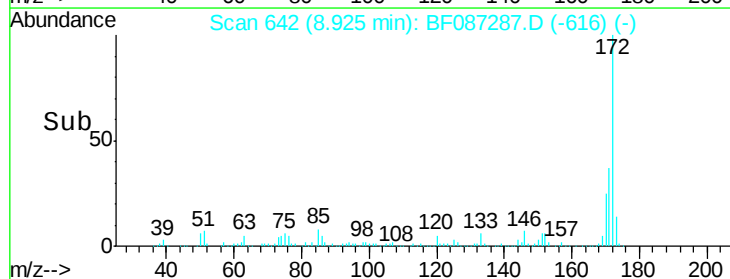
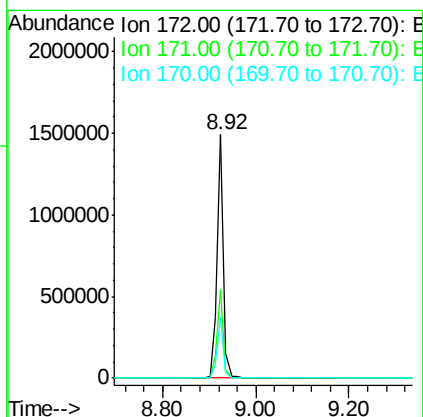
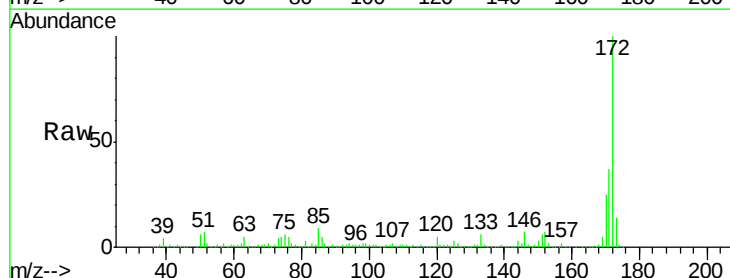
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 MW-18

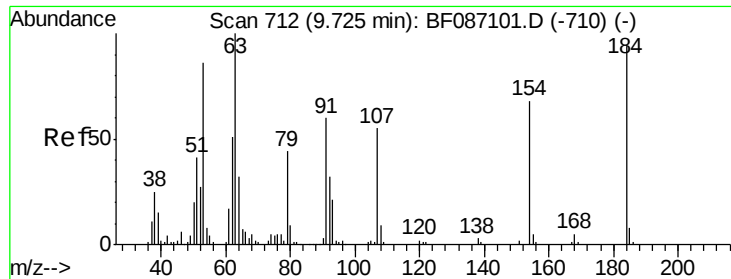
Tgt Ion:330 Resp: 341670
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 40.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 98.85 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Tgt Ion:172 Resp: 1420162
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 25.0 19.8 29.8

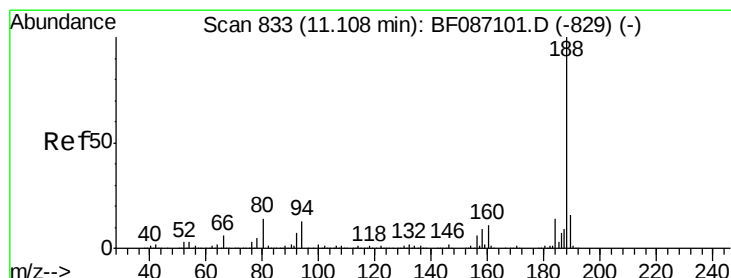
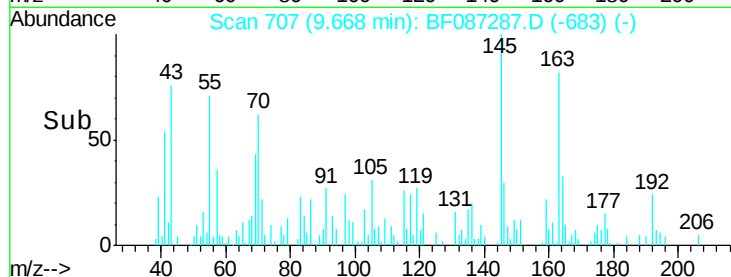
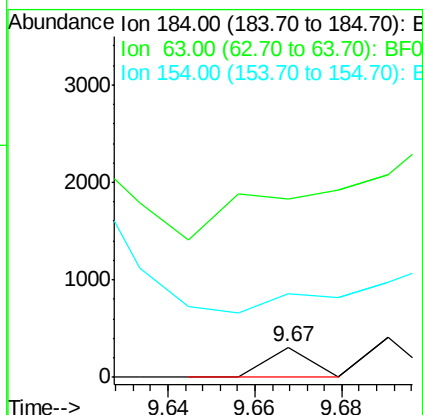
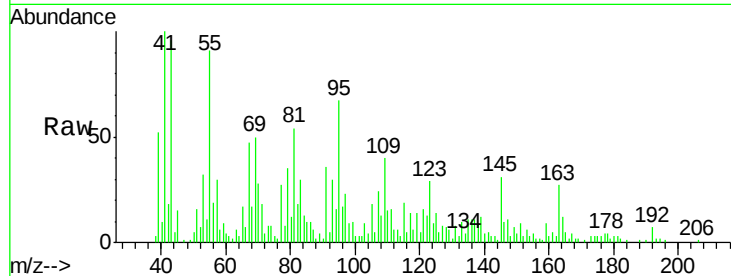




#53
 2,4-Dinitrophenol
 Concen: 4.83 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.02 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

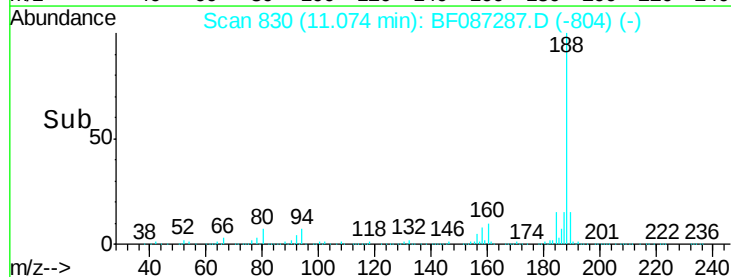
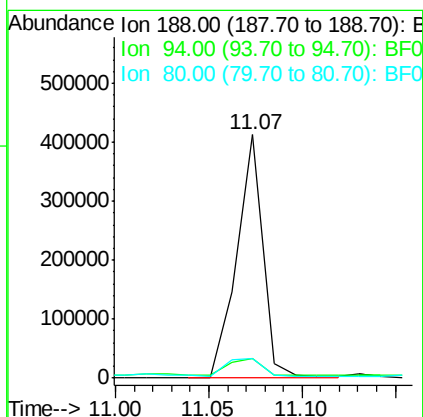
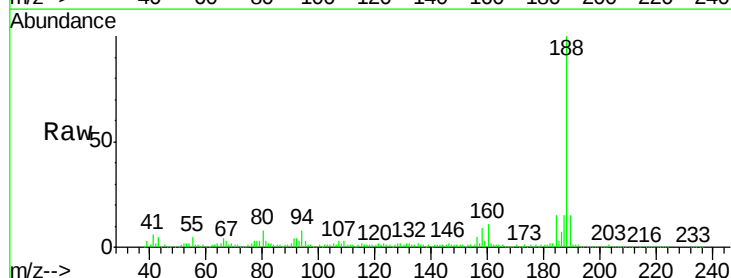
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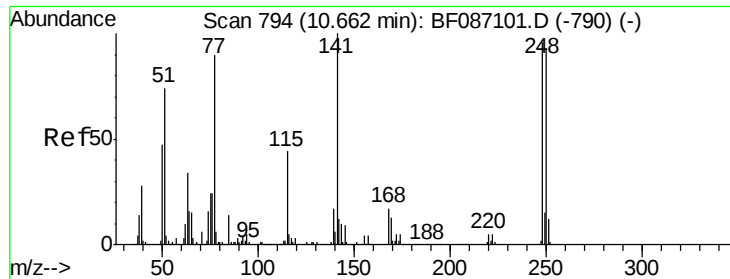
Tgt Ion:184 Resp: 212
 Ion Ratio Lower Upper
 184 100
 63 593.5 55.8 83.8#
 154 279.6 62.4 93.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Tgt Ion:188 Resp: 402232
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.8 10.2
 80 8.3 7.1 10.7

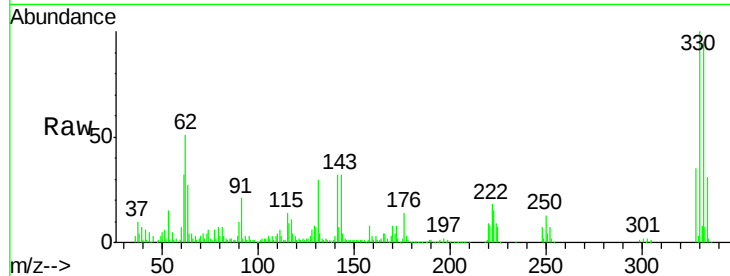




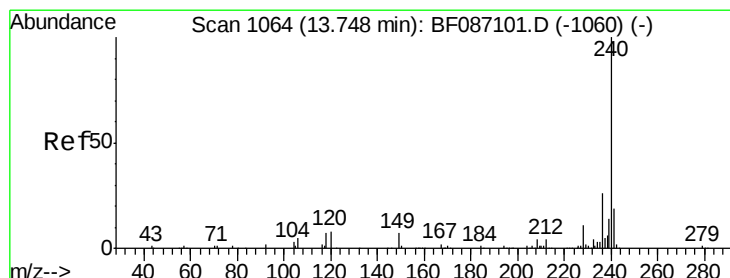
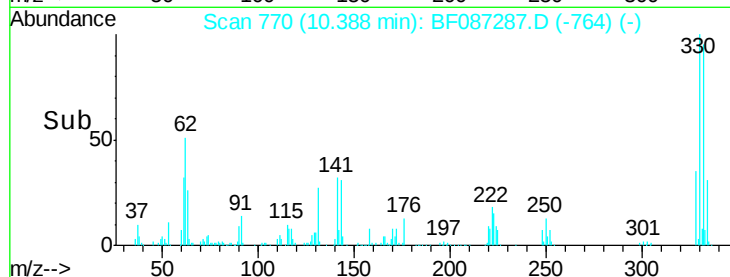
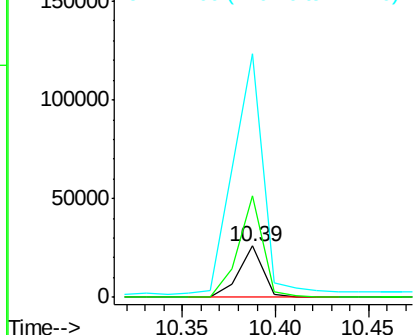
#66
 4-Bromophenyl-phenylether
 Concen: 5.74 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.23 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tgt Ion: 248 Resp: 23731
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.6 117.8#
 141 477.0 76.0 114.0#

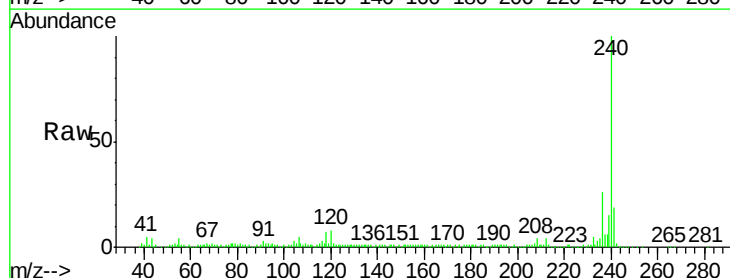


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

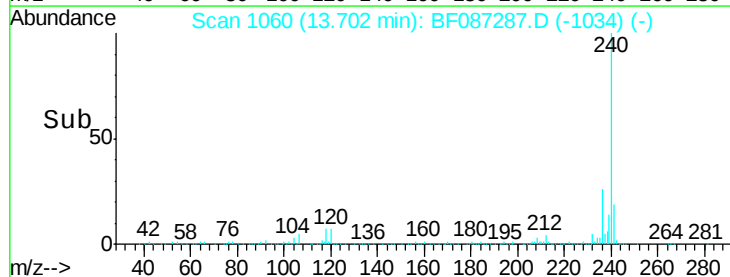
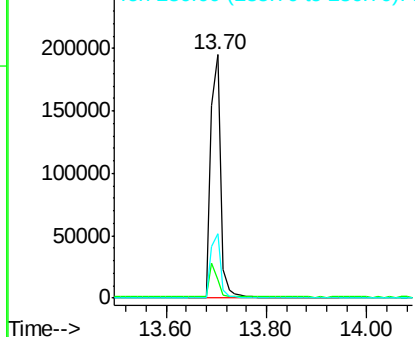


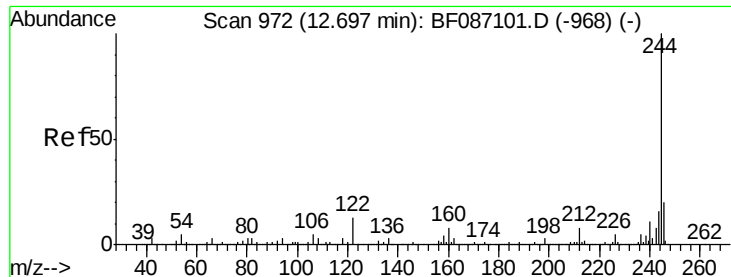
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Tgt Ion: 240 Resp: 270616
 Ion Ratio Lower Upper
 240 100
 120 7.8 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

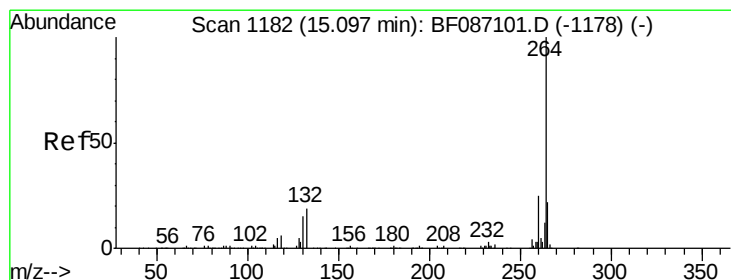
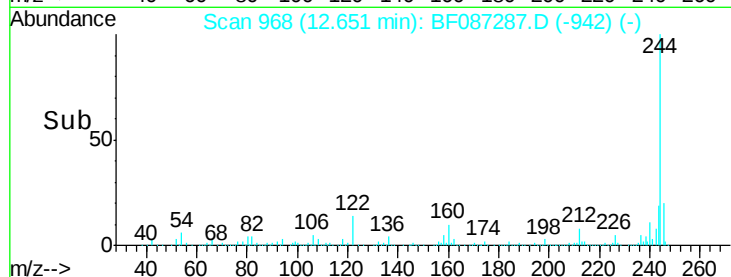
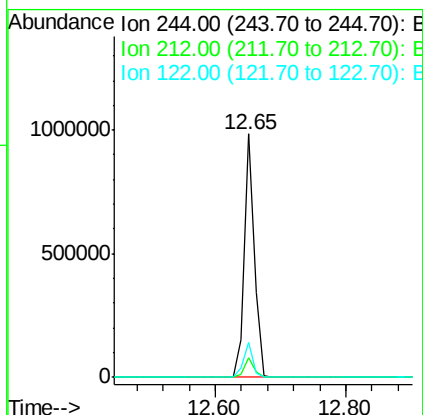
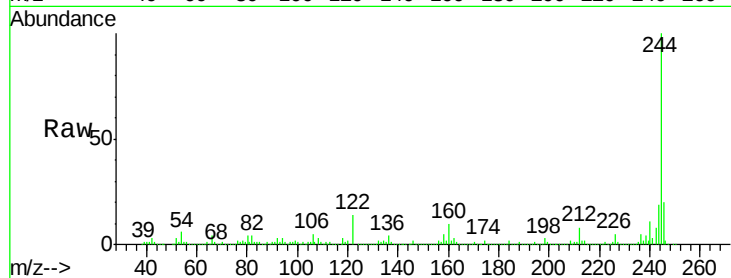




#78
 Terphenyl-d14
 Concen: 85.81 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Instrument :
 BNA_F
 ClientSampled :
 MW-18

Tgt Ion:244 Resp: 1026578
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 14.5 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Tgt Ion:264 Resp: 239319
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.2 17.3 25.9

