

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092170.D
 Acq On : 10 Jan 2017 5:57
 Operator : UM/SJ
 Sample : I1056-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Jan 10 06:25:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	128752	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	454205	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	220095	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	356231	20.00	ng	0.00
75) Chrysene-d12	13.78	240	219428	20.00	ng	0.00
86) Perylene-d12	15.17	264	167803	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	499704	64.80	ng	0.01
7) Phenol-d6	6.31	99	417965	44.40	ng	0.00
23) Nitrobenzene-d5	7.21	82	702558	86.01	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	103853	57.02	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1159963	112.10	ng	0.00
78) Terphenyl-d14	12.74	244	951685	105.19	ng	0.00

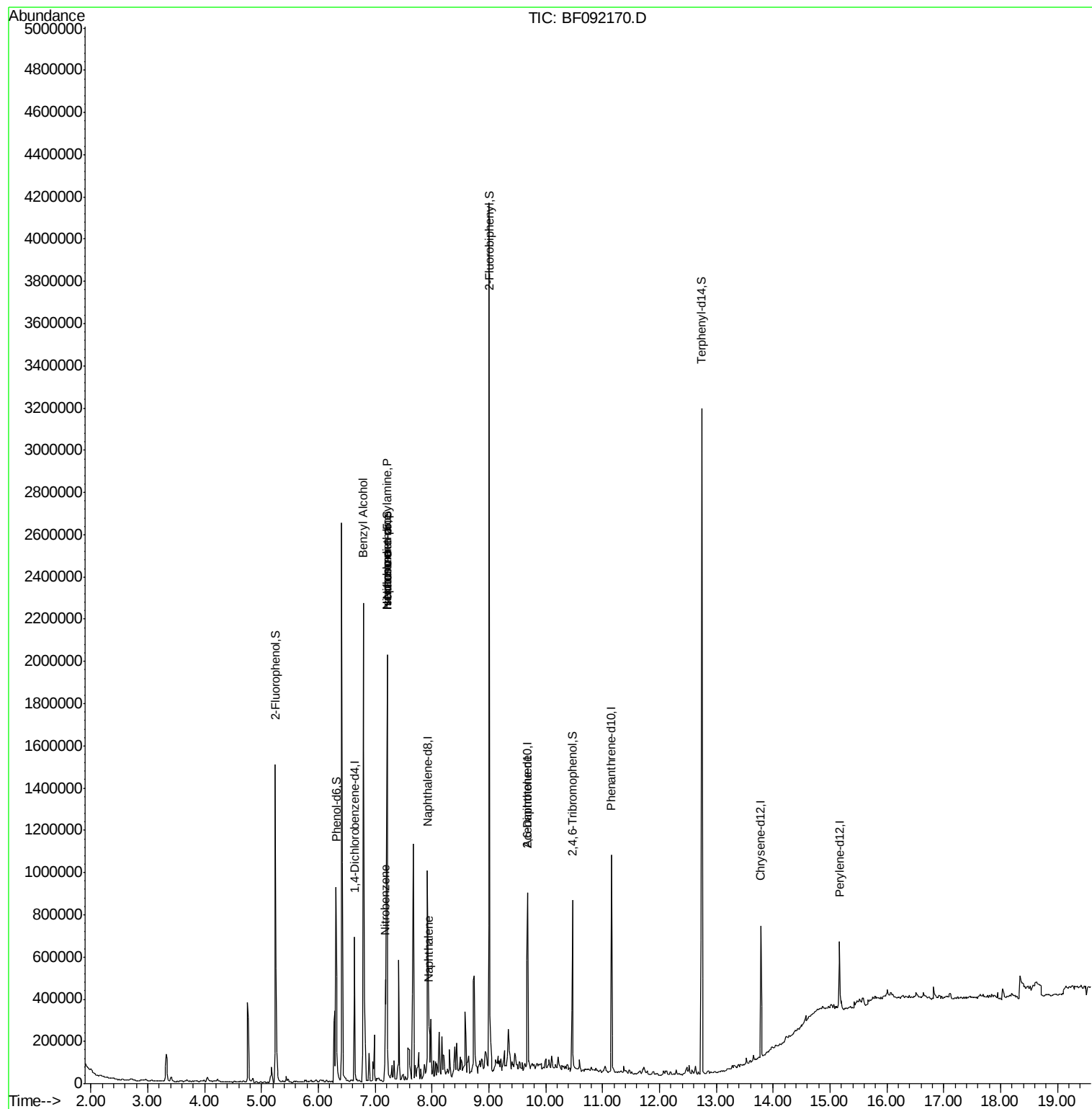
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.79	79	15555	2.13	ng	# 47
18) Hexachloroethane	7.21	117	191344	54.15	ng	# 3
19) n-Nitroso-di-n-propylamine	7.21	70	94924	15.16	ng	# 71
24) Nitrobenzene	7.18	77	27605	3.17	ng	# 16
25) Isophorone	7.21	82	682076	45.26	ng	# 65
31) Naphthalene	7.94	128	47969	2.31	ng	# 76
50) 2,6-Dinitrotoluene	9.68	165	29495	9.57	ng	# 34
71) Anthracene	11.24	178	855	Below Cal		# 1
73) Di-n-butylphthalate	11.73	149	9237	Below Cal		# 92
74) Fluoranthene	12.37	202	610	Below Cal		# 61

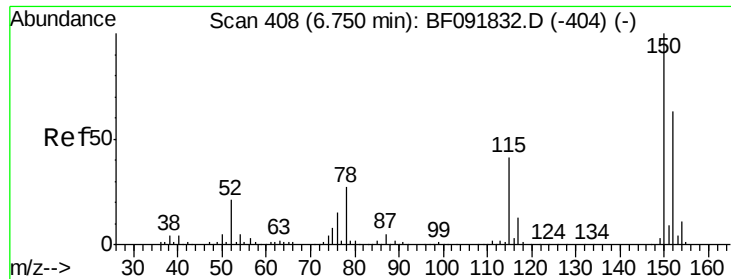
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampled :

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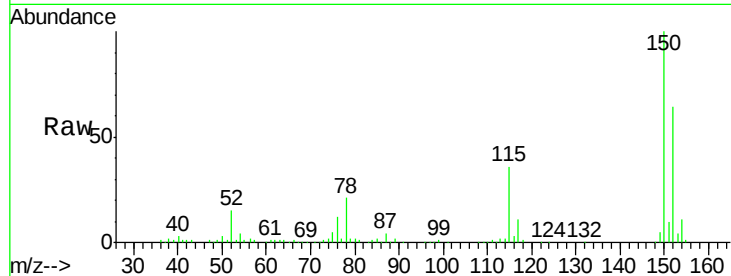
Tgt Ion:152 Resp: 128752

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

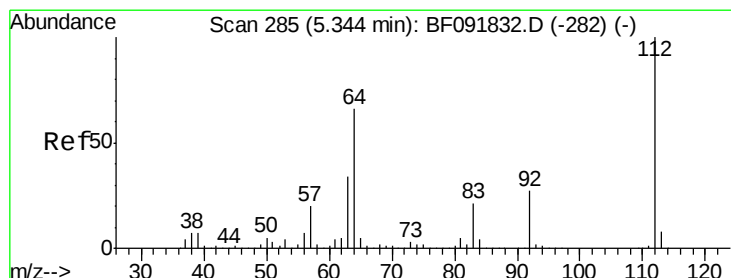
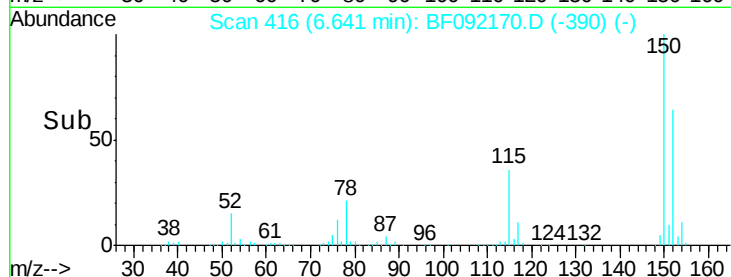
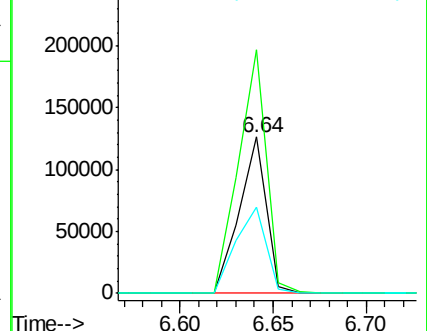
115 55.3 46.0 69.0



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: 64.80 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

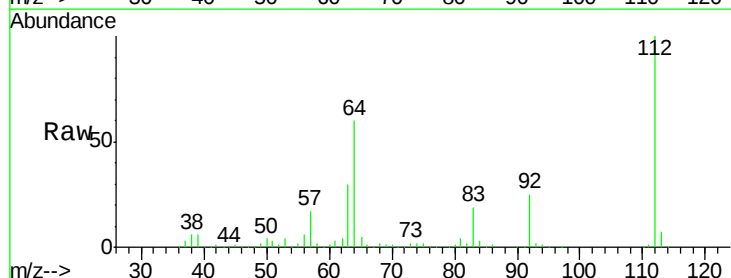
Tgt Ion:112 Resp: 499704

Ion Ratio Lower Upper

112 100

64 59.5 46.1 69.1

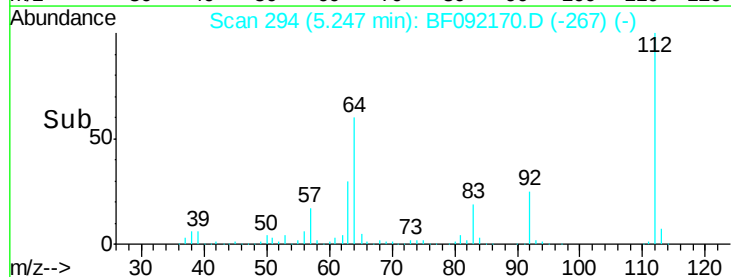
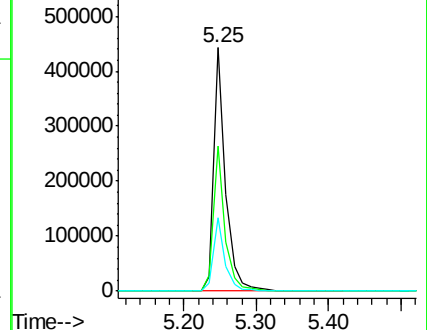
63 30.2 23.8 35.6

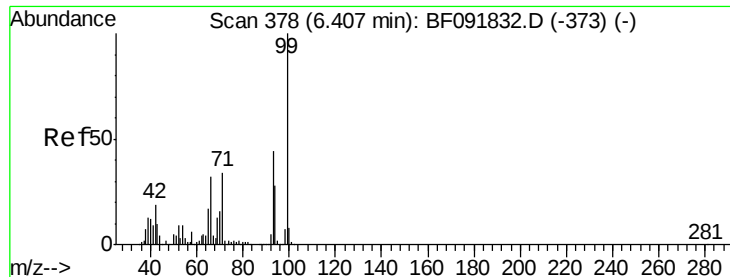


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.40 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

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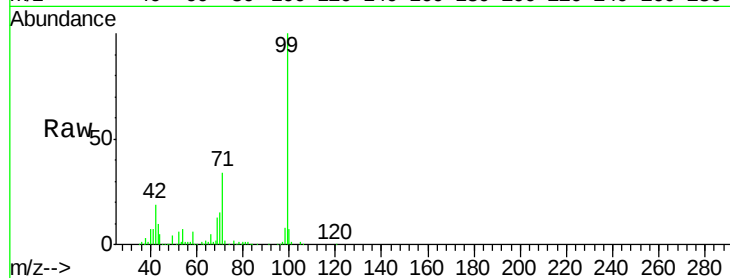
Tgt Ion: 99 Resp: 417965

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

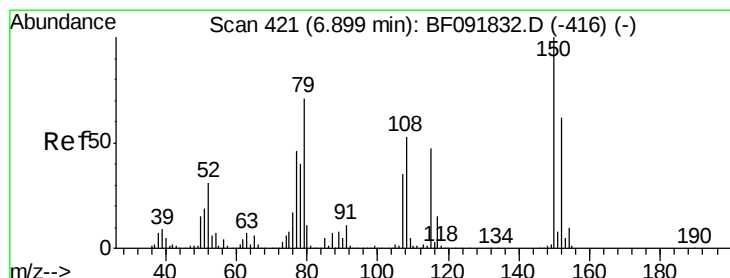
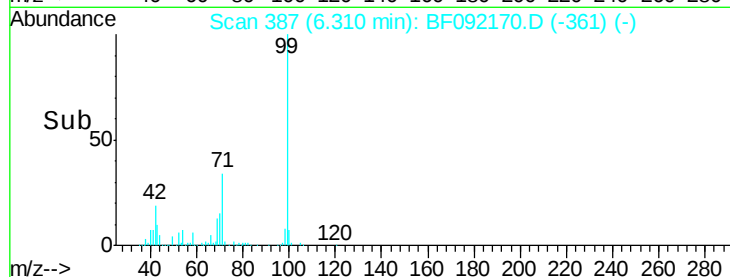
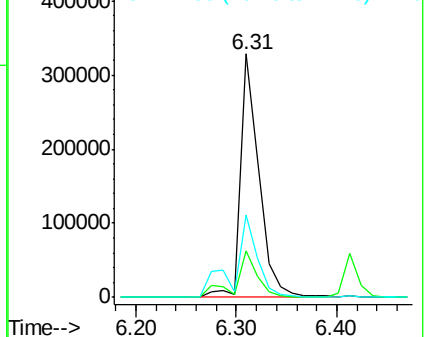
71 34.1 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

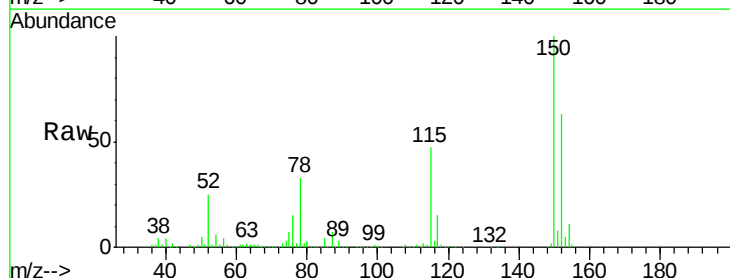
Tgt Ion: 79 Resp: 15555

Ion Ratio Lower Upper

79 100

108 24.9 61.4 92.0#

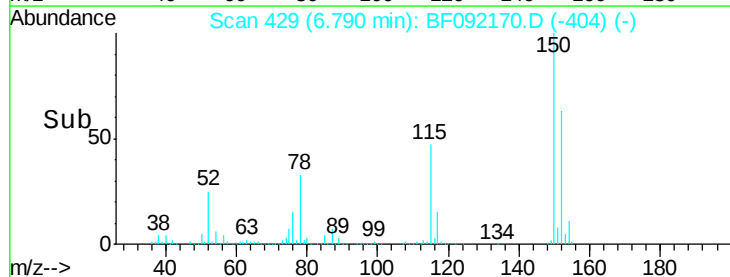
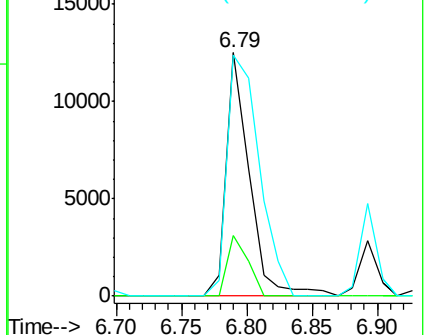
77 98.8 50.9 76.3#

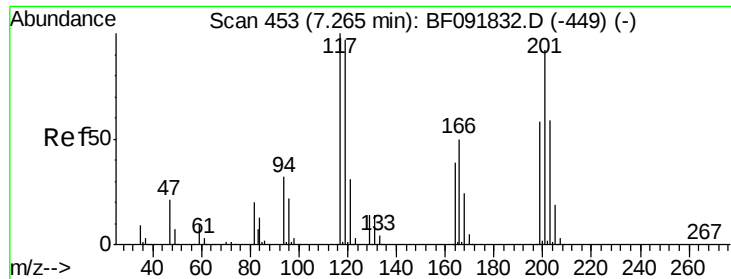


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 54.15 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.06 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

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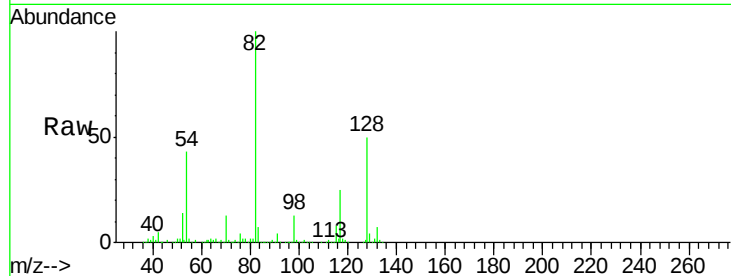
Tgt Ion:117 Resp: 191344

Ion Ratio Lower Upper

117 100

119 3.7 78.1 117.1#

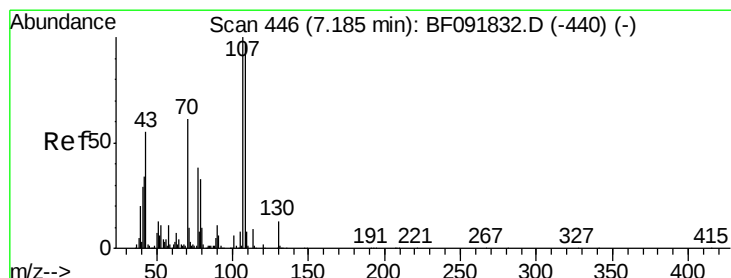
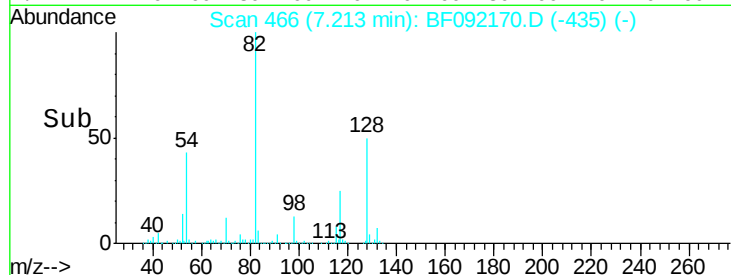
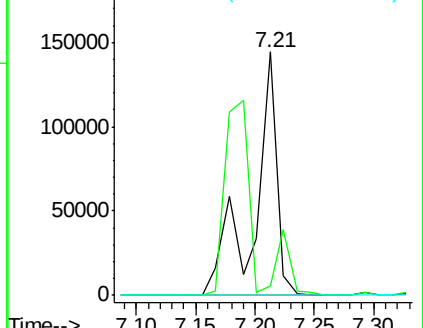
201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 15.16 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Tgt Ion: 70 Resp: 94924

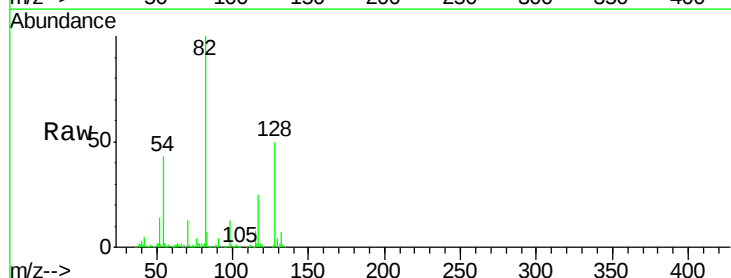
Ion Ratio Lower Upper

70 100

42 39.6 49.4 74.0#

101 1.1 7.4 11.2#

130 3.3 14.2 21.4#

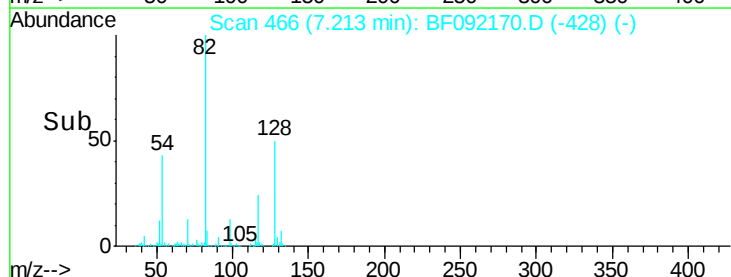
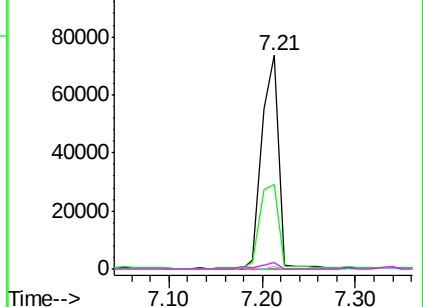


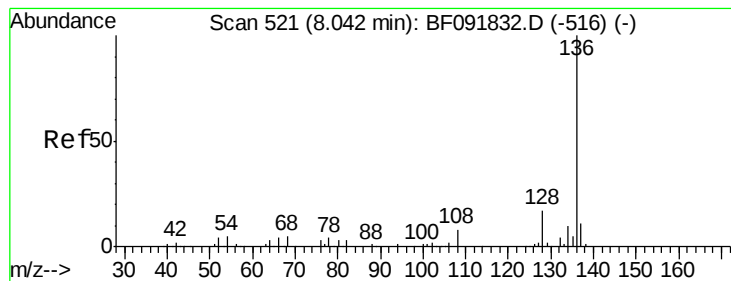
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

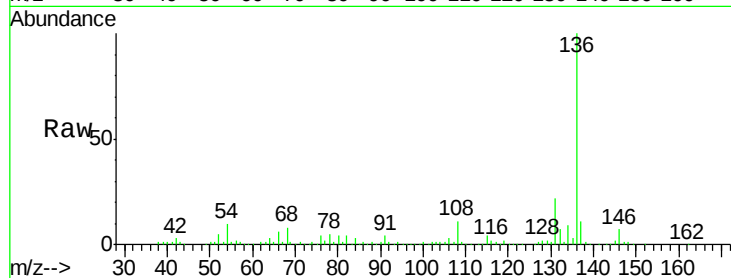




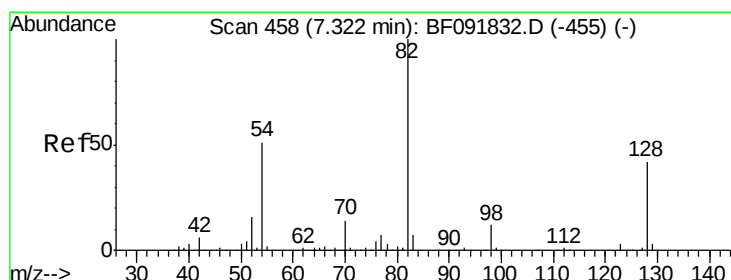
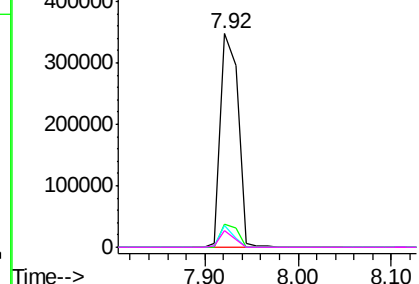
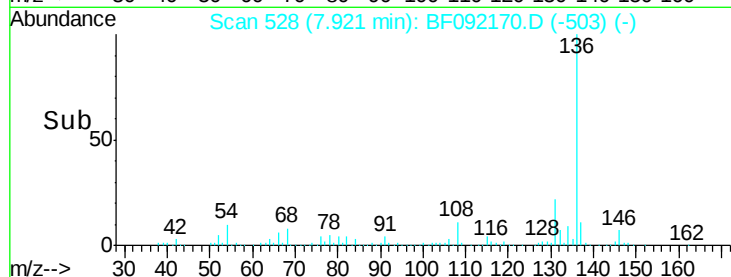
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092170.D
Acq: 10 Jan 2017 5:57

Instrument :
BNA_F
ClientSampled :
W-39

Tgt Ion:	136	Resp:	454205
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.3	4.5	6.7#
68	7.5	3.6	5.4#

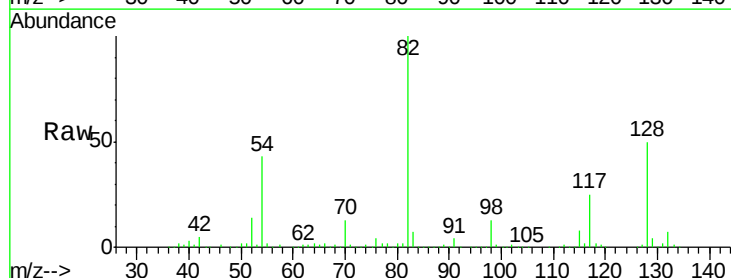


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

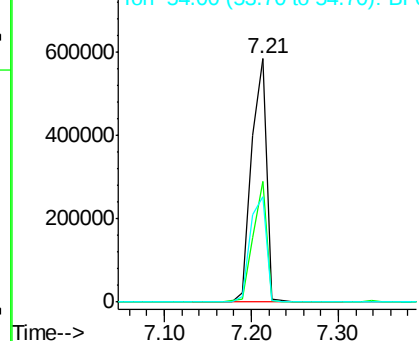
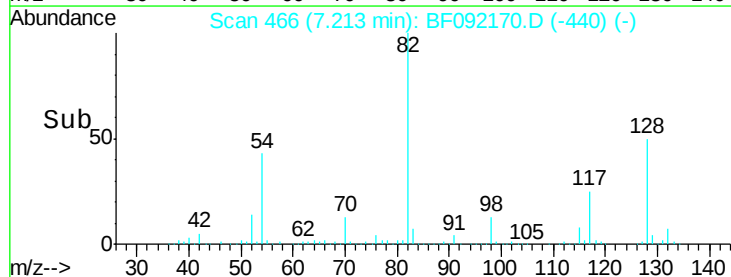


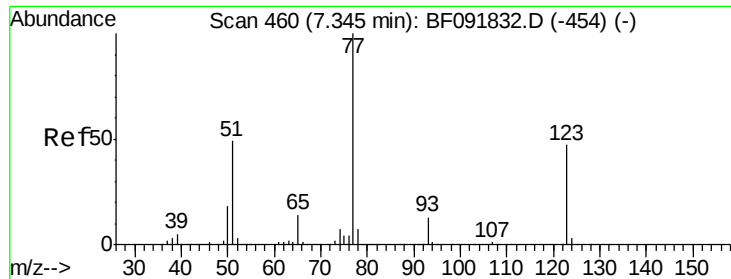
#23
Nitrobenzene-d5
Concen: 86.01 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF092170.D
Acq: 10 Jan 2017 5:57

Tgt Ion:	82	Resp:	702558
Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	52.0
54	43.4	39.5	59.3



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

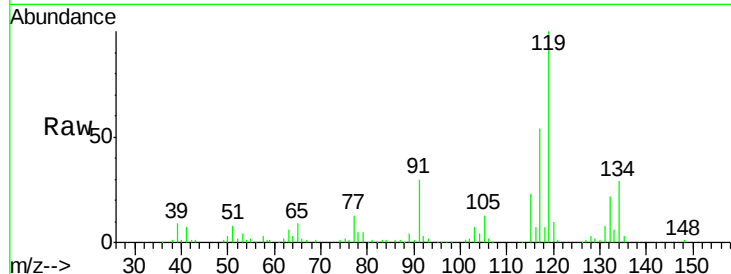




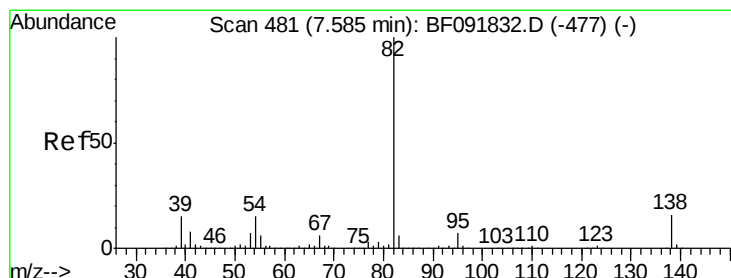
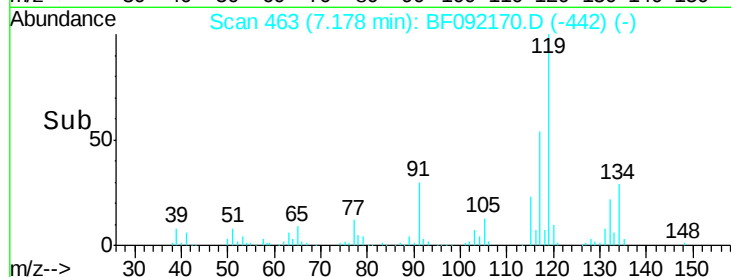
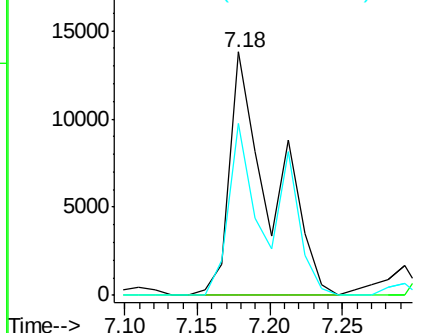
#24
 Nitrobenzene
 Concen: 3.17 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	70.6	11.2	16.8#

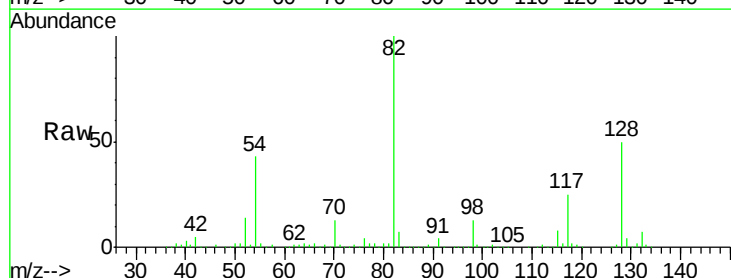


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

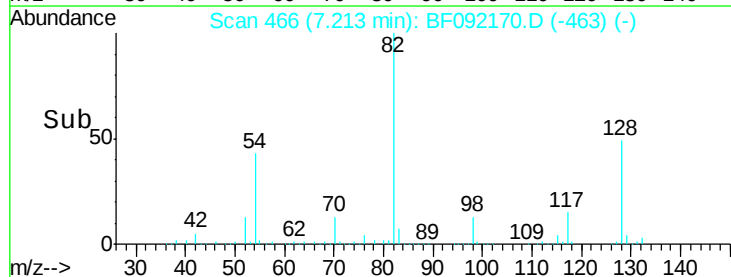
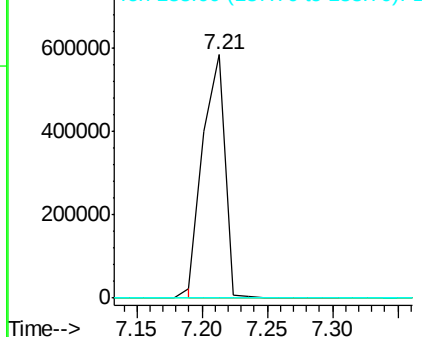


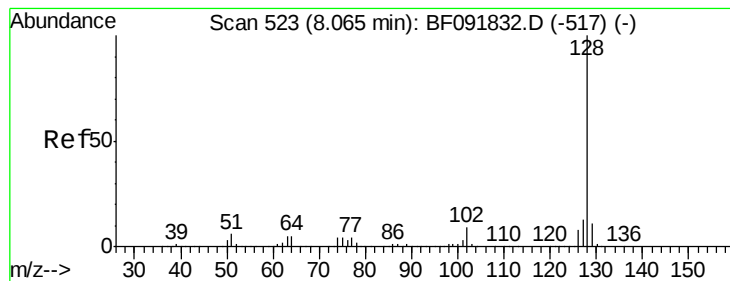
#25
 Isophorone
 Concen: 45.26 ng
 RT: 7.21 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 2.31 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

W-39

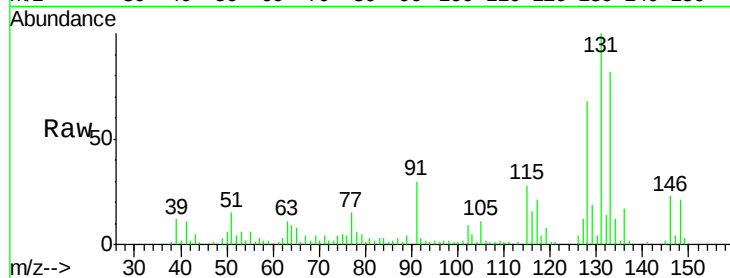
Tgt Ion:128 Resp: 47969

Ion Ratio Lower Upper

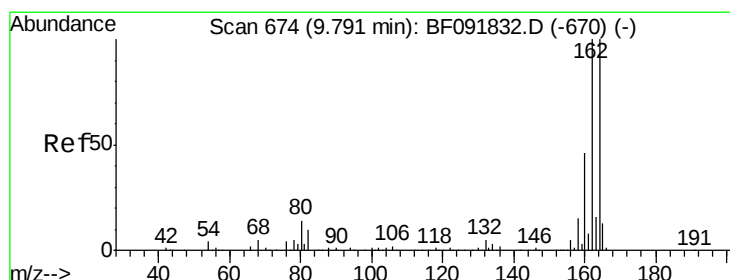
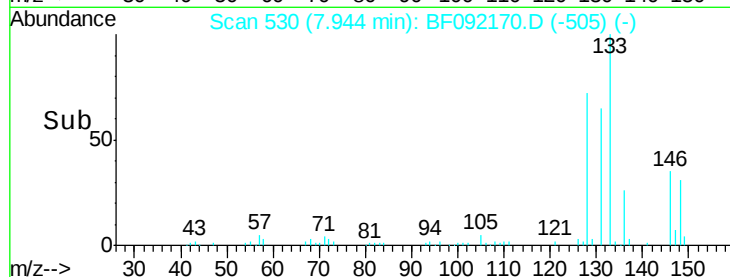
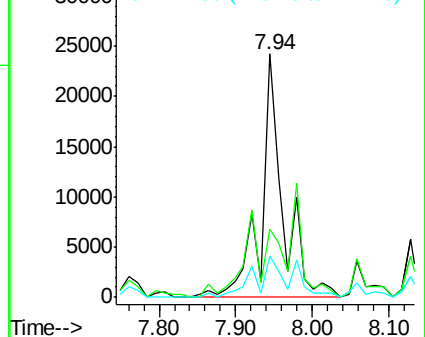
128 100

129 28.0 9.5 14.3#

127 16.9 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

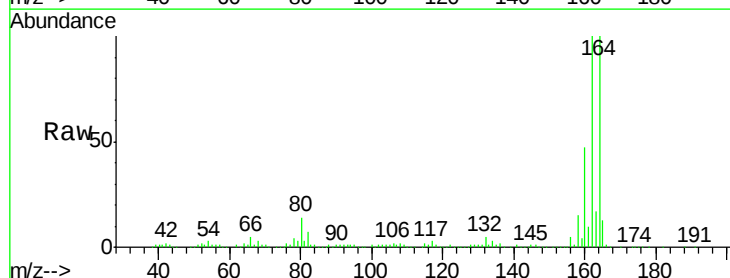
Tgt Ion:164 Resp: 220095

Ion Ratio Lower Upper

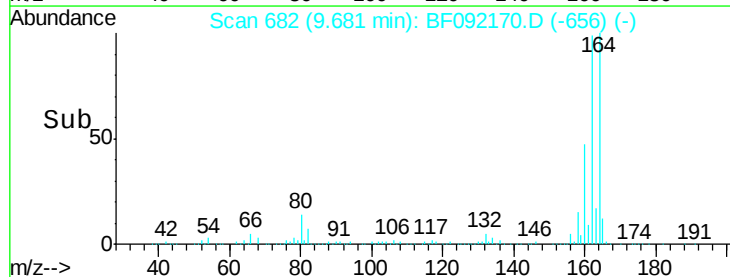
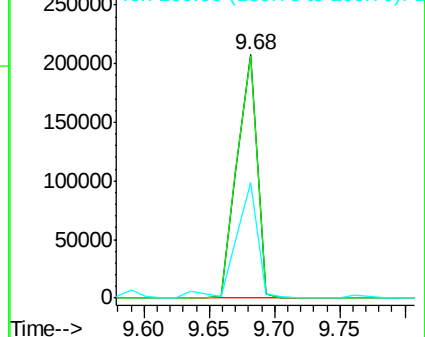
164 100

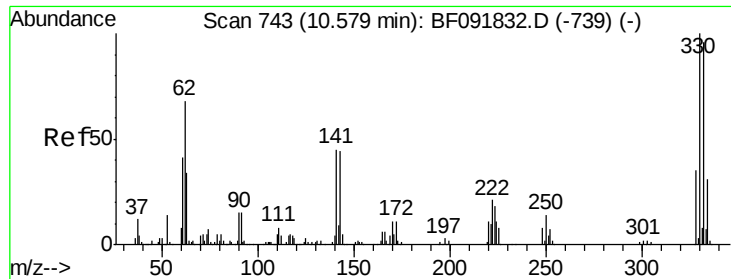
162 99.8 80.2 120.2

160 47.2 36.9 55.3



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

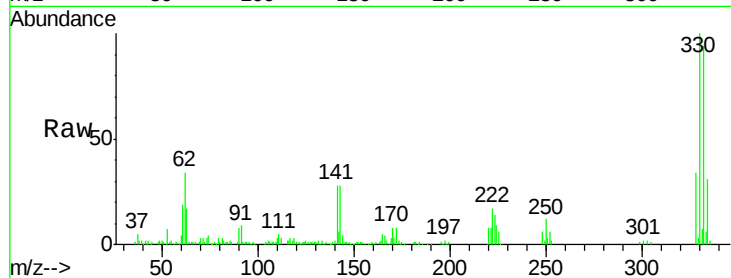




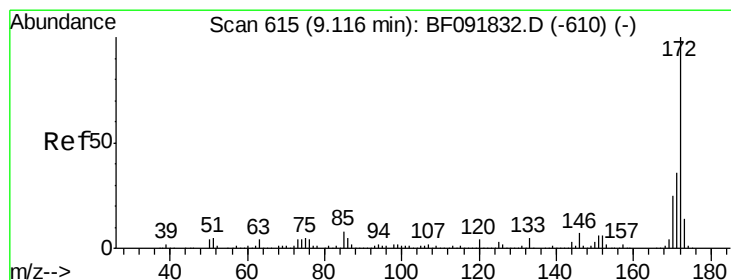
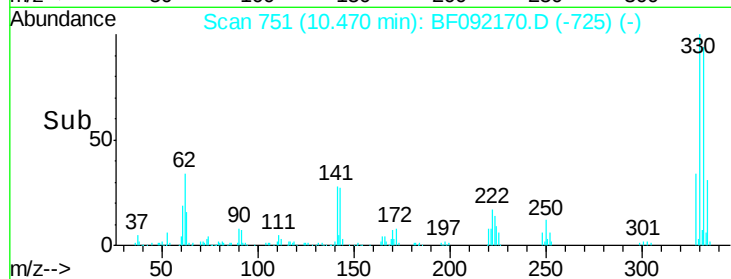
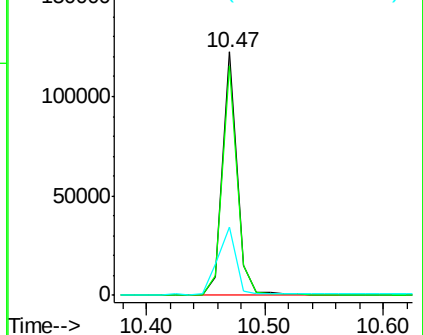
#41
 2,4,6-Tribromophenol
 Concen: 57.02 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 103853
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 35.3 34.1 51.1

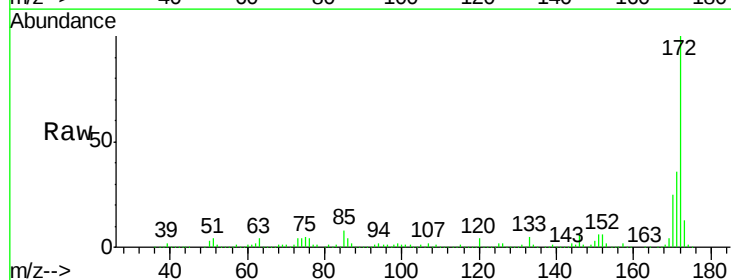


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

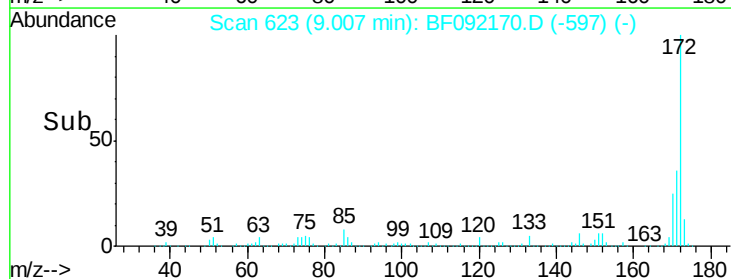
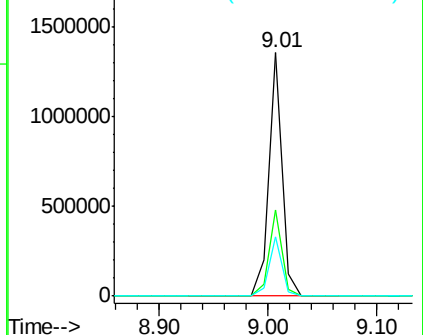


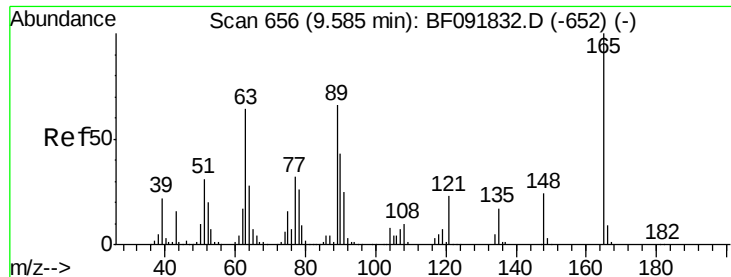
#44
 2-Fluorobiphenyl
 Concen: 112.10 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Tgt Ion:172 Resp: 1159963
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.5 20.2 30.4



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

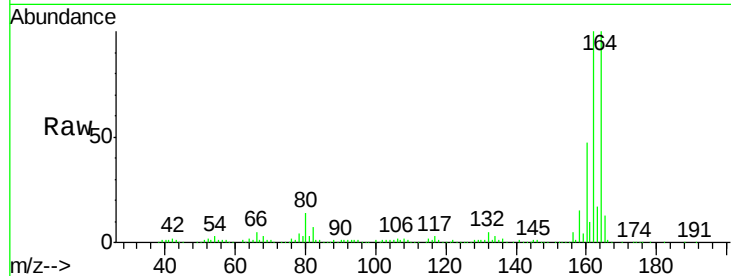




#50
 2,6-Dinitrotoluene
 Concen: 9.57 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :
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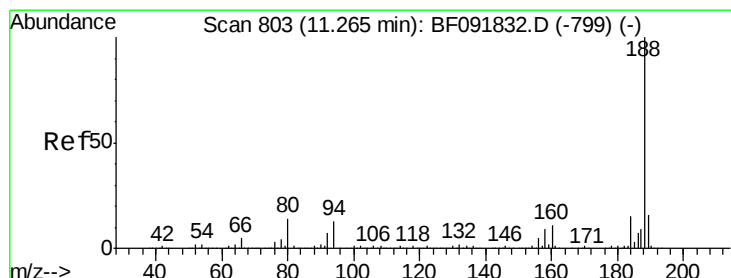
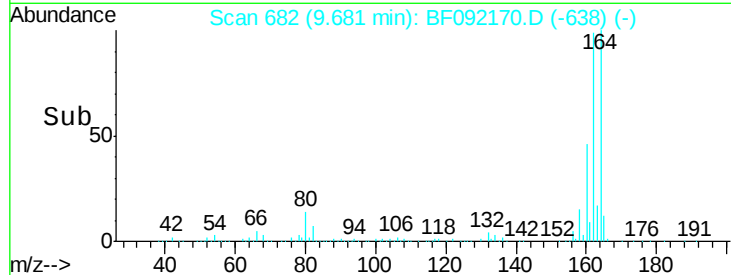
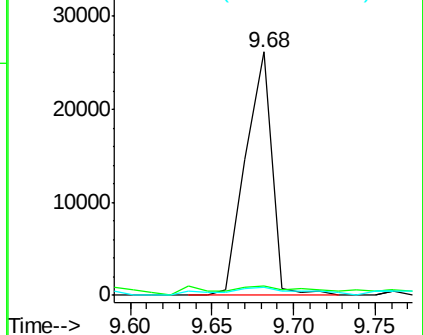
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.9	36.2	54.4#
89	3.2	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

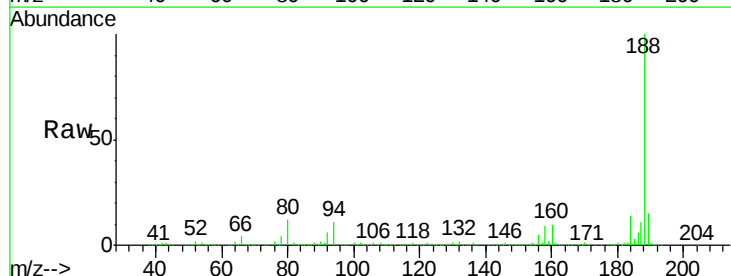
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF092170.D
 Acq: 10 Jan 2017 5:57

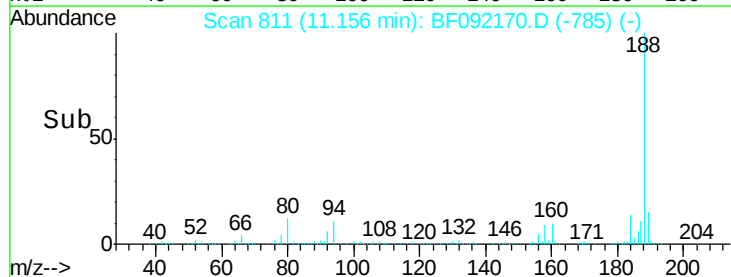
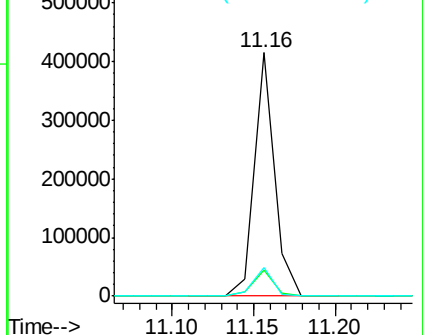
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.6	11.2	16.8

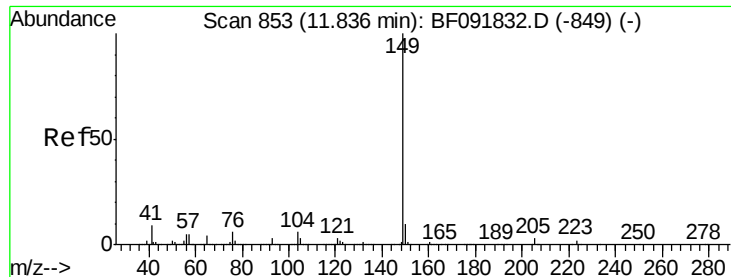


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampleId :

W-39

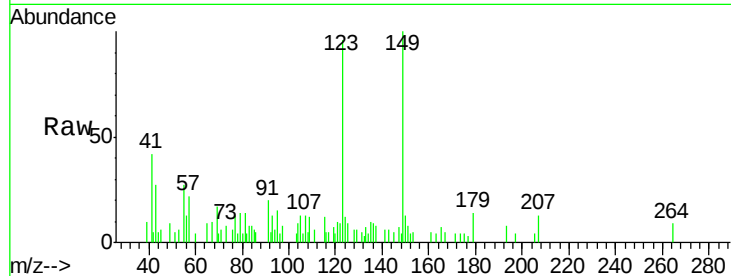
Tgt Ion:149 Resp: 9237

Ion Ratio Lower Upper

149 100

150 12.9 8.1 12.1#

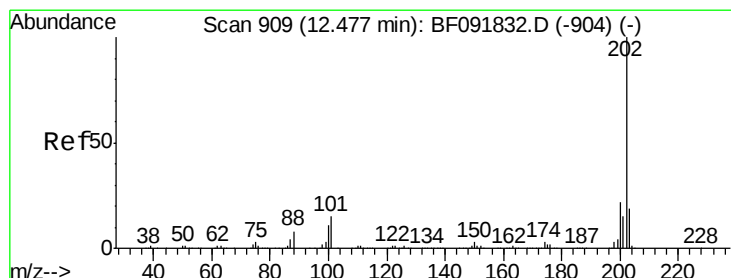
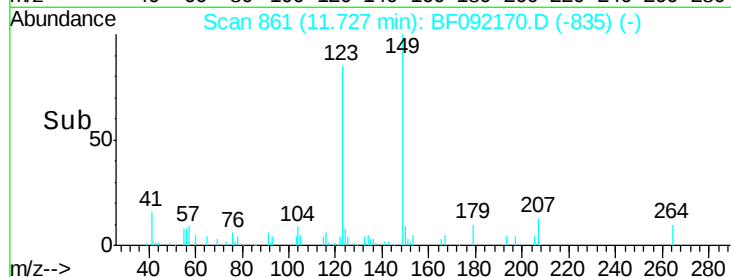
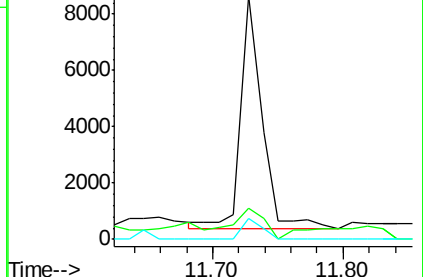
104 8.7 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.37 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

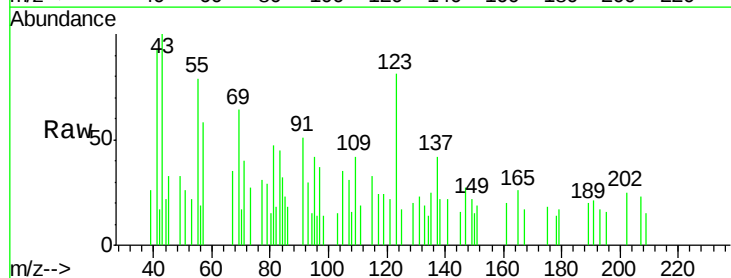
Tgt Ion:202 Resp: 610

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

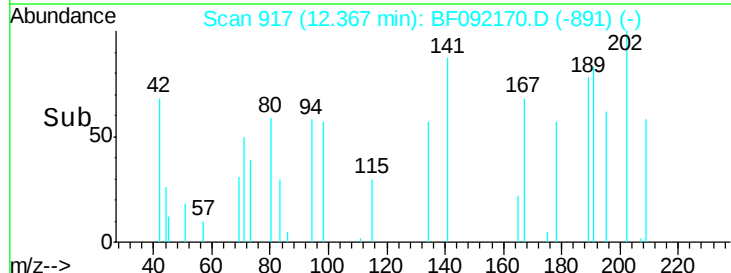
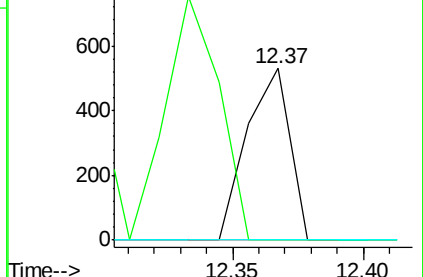
203 0.0 0.0 38.7

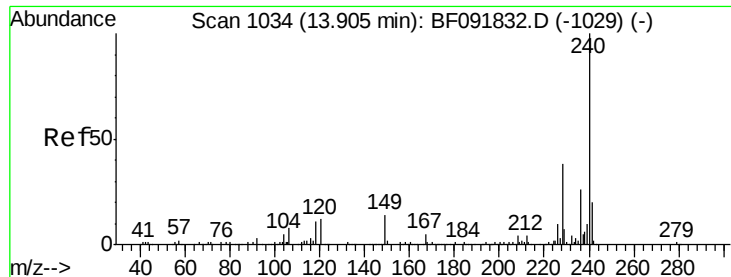


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

Instrument :

BNA_F

ClientSampled :

W-39

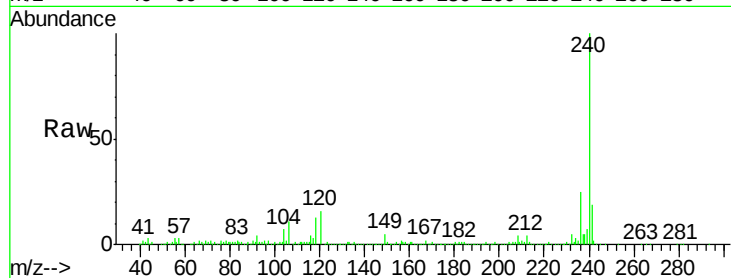
Tgt Ion:240 Resp: 219428

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

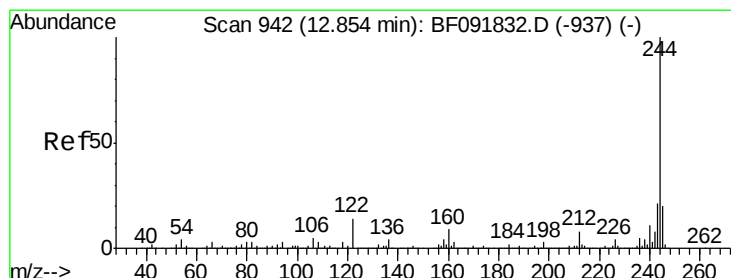
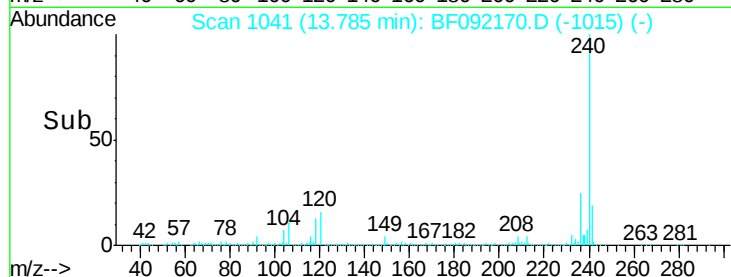
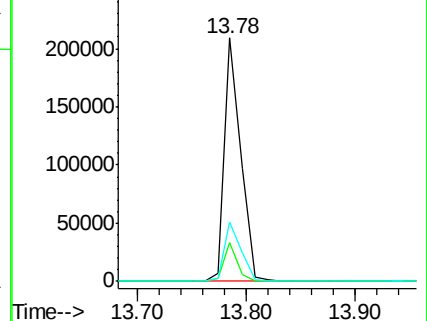
236 24.6 20.9 31.3



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: 105.19 ng

RT: 12.74 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092170.D

Acq: 10 Jan 2017 5:57

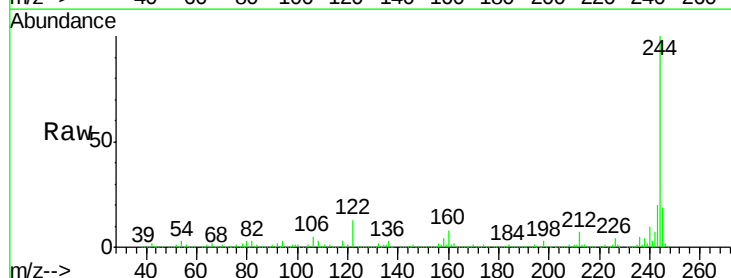
Tgt Ion:244 Resp: 951685

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

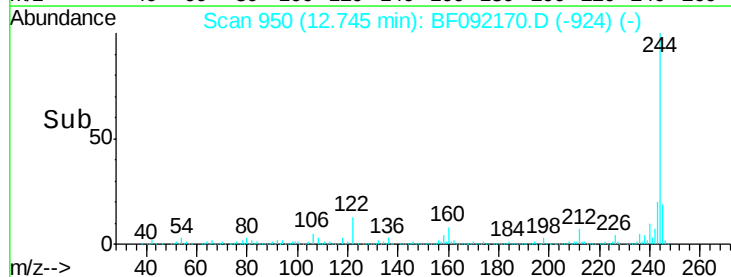
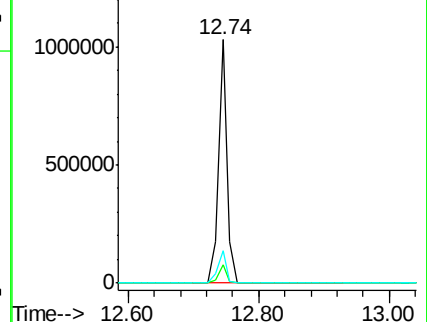
122 13.2 11.4 17.2

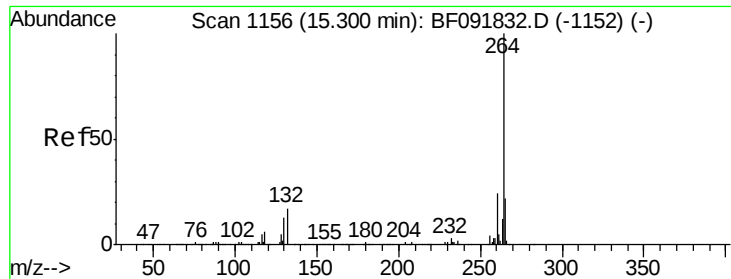


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092170.D
Acq: 10 Jan 2017 5:57

Instrument :
BNA_F
ClientSampleId :
W-39

Tgt Ion:	264	Resp:	167803
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0

