

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091949.D
 Acq On : 24 Dec 2016 4:13
 Operator : UM/SJ
 Sample : H6205-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-NY-FB-1-122016

Quant Time: Dec 24 04:37:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	202655	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	774871	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	402919	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	578457	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	392104	20.00	ng	-0.02
86) Perylene-d12	15.29	264	379797	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	883556	72.80	ng	0.02
7) Phenol-d6	6.42	99	638116	43.06	ng	0.01
23) Nitrobenzene-d5	7.31	82	1376346	98.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	388777	116.59	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1987787	103.96	ng	-0.01
78) Terphenyl-d14	12.84	244	1454953	89.99	ng	-0.01

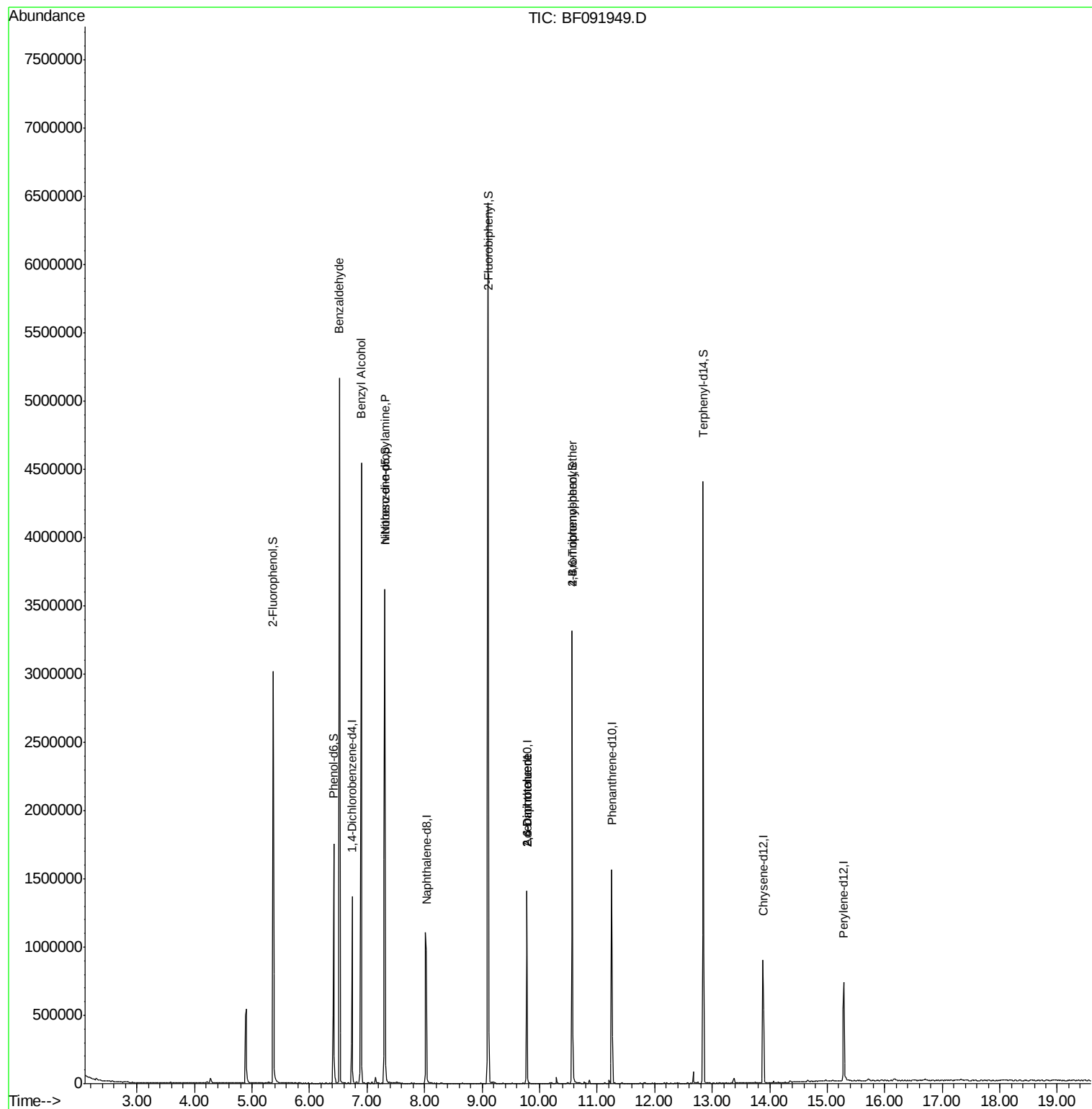
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	33577	2.81	ng	# 73
15) Benzyl Alcohol	6.90	79	23042	2.00	ng	# 31
19) n-Nitroso-di-n-propylamine	7.31	70	185890	18.86	ng	# 77
50) 2,6-Dinitrotoluene	9.78	165	52540	9.31	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	52543	7.42	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	25259	4.20	ng	# 1
71) Anthracene	11.28	178	409	Below Cal		# 59
73) Di-n-butylphthalate	11.82	149	2995	Below Cal		# 91
74) Fluoranthene	12.69	202	291	Below Cal		61

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

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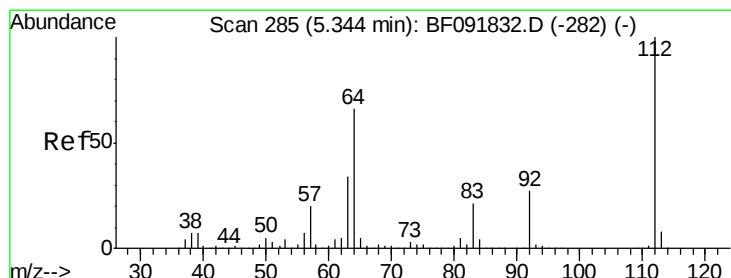
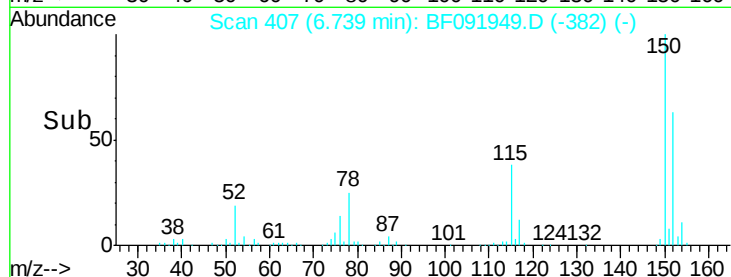
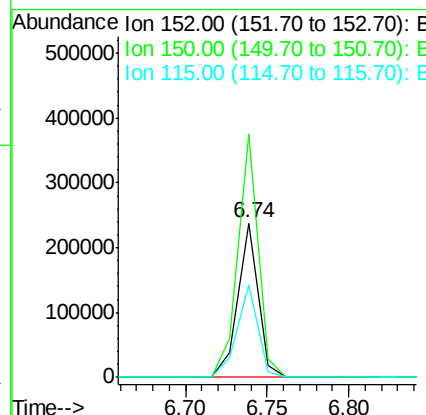
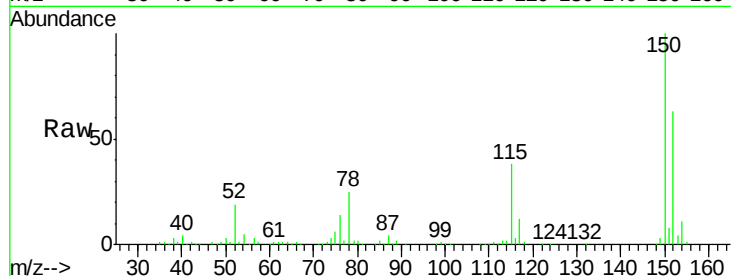




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091949.D
 Acq: 24 Dec 2016 4:13

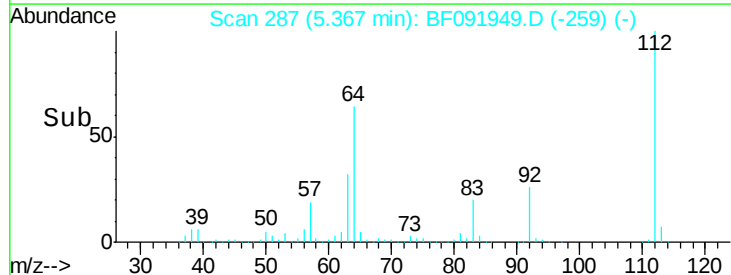
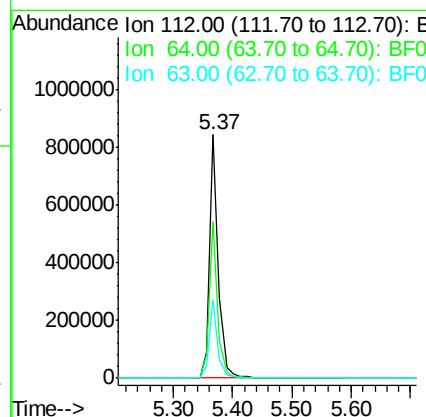
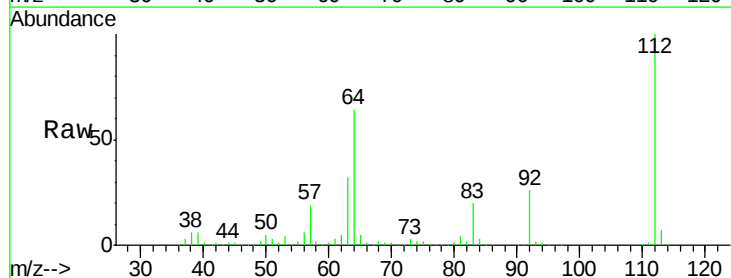
Instrument :
 BNA_F
 ClientSampleId :
 EAST-NY-FB-1-122016

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	60.2	46.0	69.0



#5
 2-Fluorophenol
 Concen: 72.80 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.02 min
 Lab File: BF091949.D
 Acq: 24 Dec 2016 4:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.1	69.1
63	32.3	23.8	35.6





#7

Phenol-d6

Concen: 43.06 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

Instrument :

BNA_F

ClientSampleId :

EAST-NY-FB-1-122016

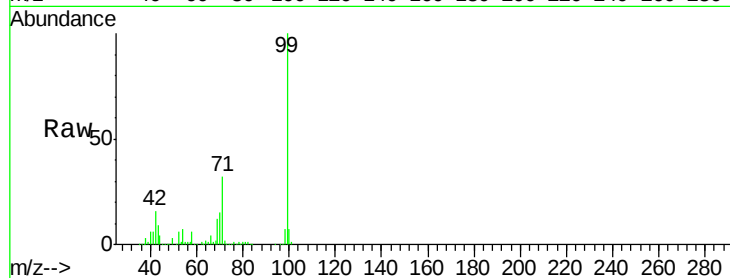
Tgt Ion: 99 Resp: 638116

Ion Ratio Lower Upper

99 100

42 16.5 15.6 23.4

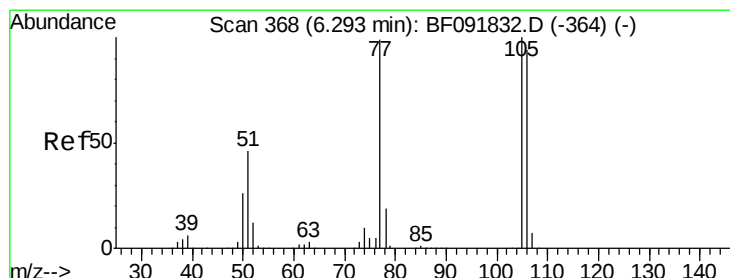
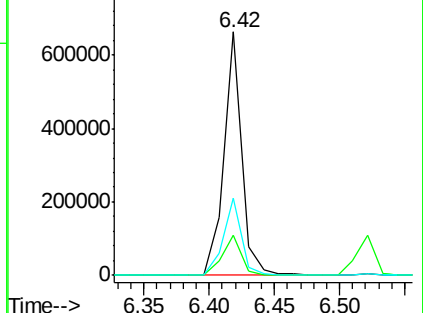
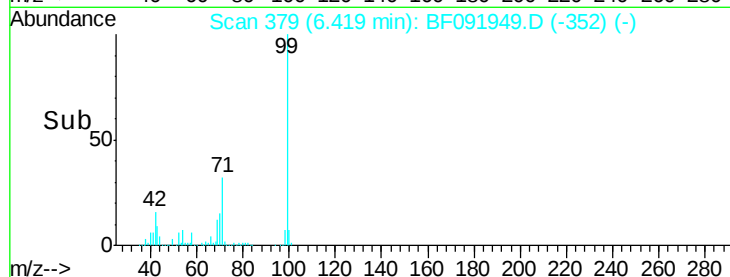
71 31.7 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.23 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

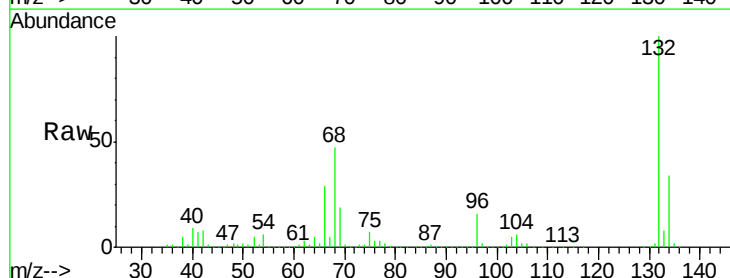
Tgt Ion: 77 Resp: 33577

Ion Ratio Lower Upper

77 100

105 78.5 83.9 123.9#

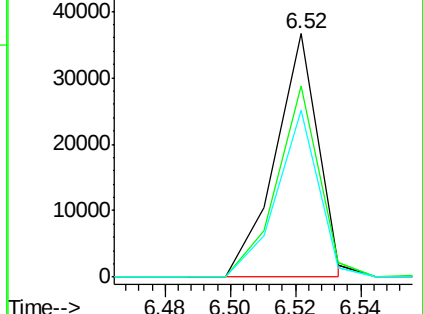
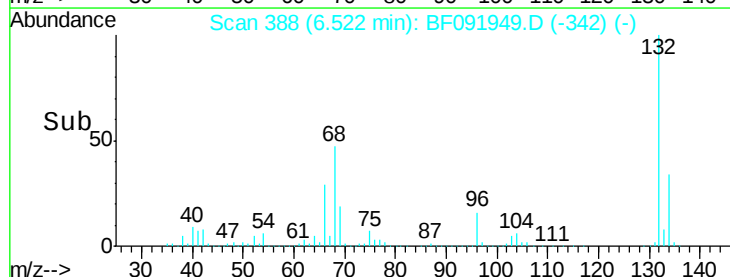
106 68.5 77.6 117.6#

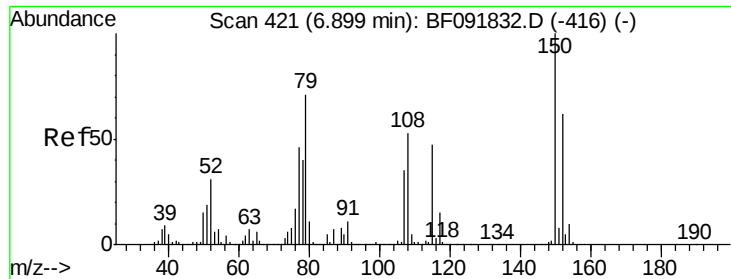


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

Instrument :

BNA_F

ClientSampleId :

EAST-NY-FB-1-122016

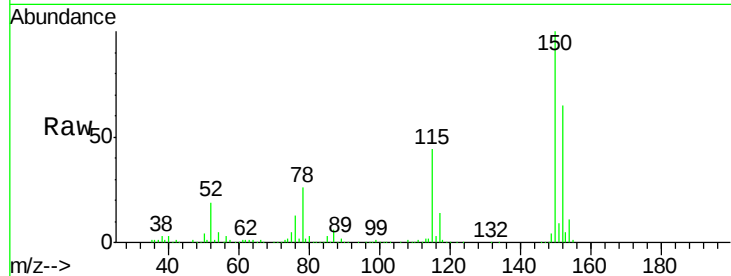
Tgt Ion: 79 Resp: 23042

Ion Ratio Lower Upper

79 100

108 29.1 61.4 92.0#

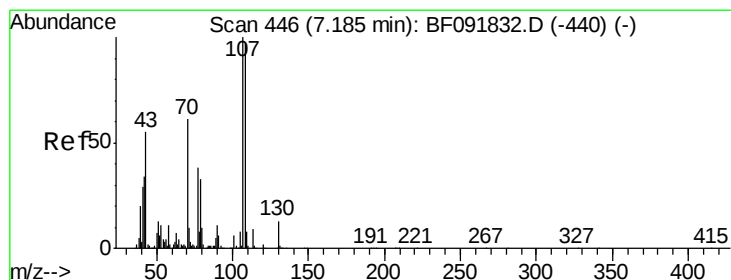
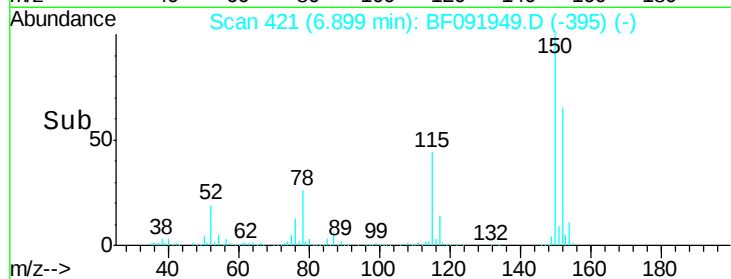
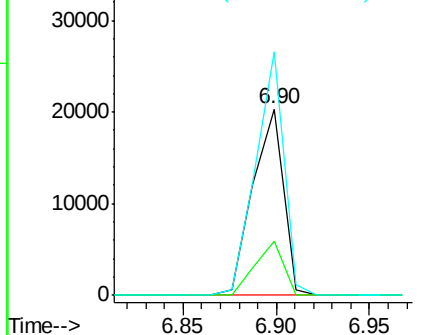
77 130.6 50.9 76.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.86 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

Tgt Ion: 70 Resp: 185890

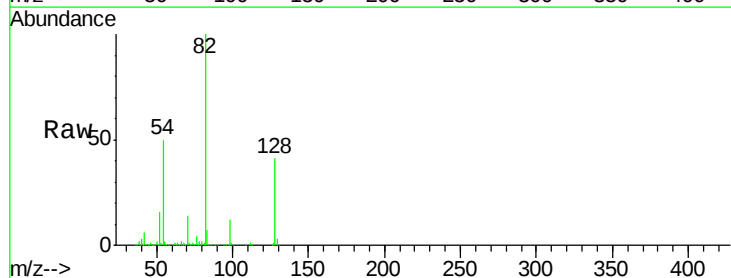
Ion Ratio Lower Upper

70 100

42 46.7 49.4 74.0#

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

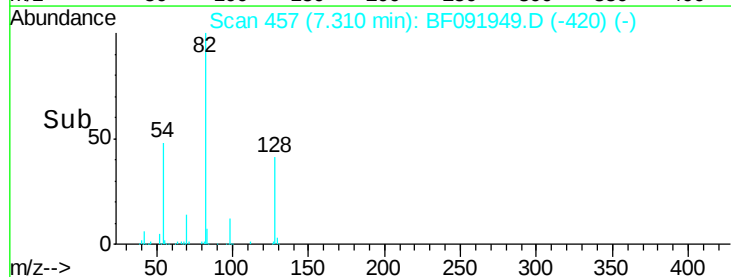
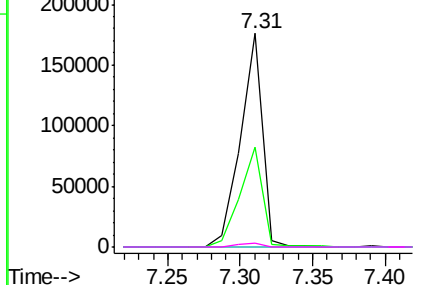


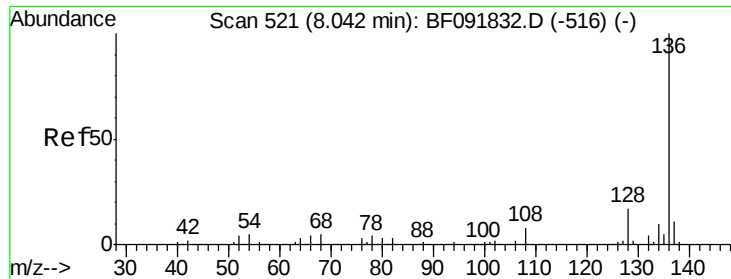
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

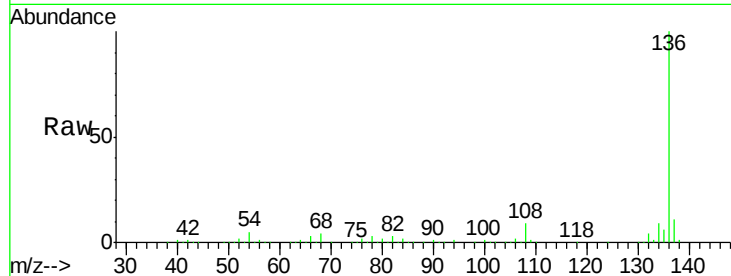




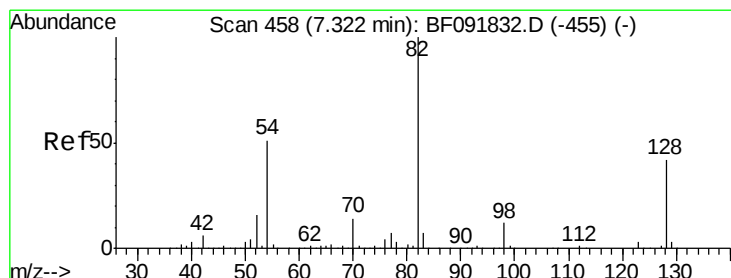
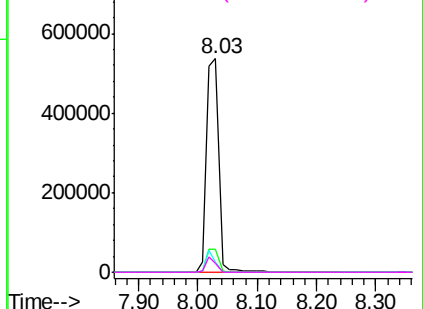
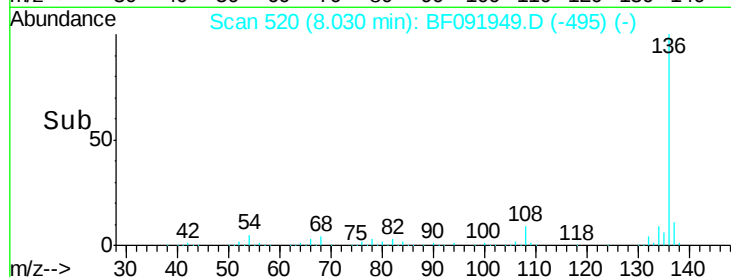
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091949.D
Acq: 24 Dec 2016 4:13

Instrument :
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ClientSampleId :
EAST-NY-FB-1-122016

Tgt Ion:	136	Resp:	774871
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	4.8	4.5	6.7
68	4.2	3.6	5.4

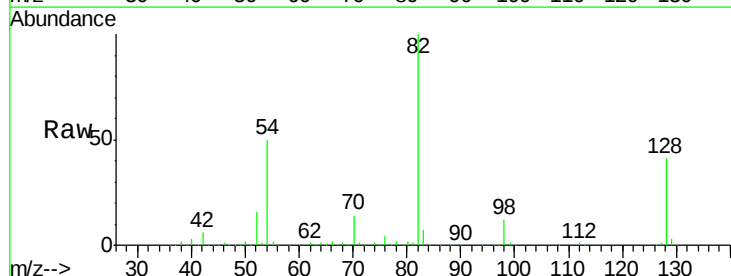


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

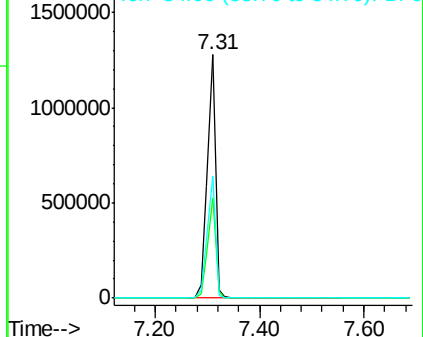
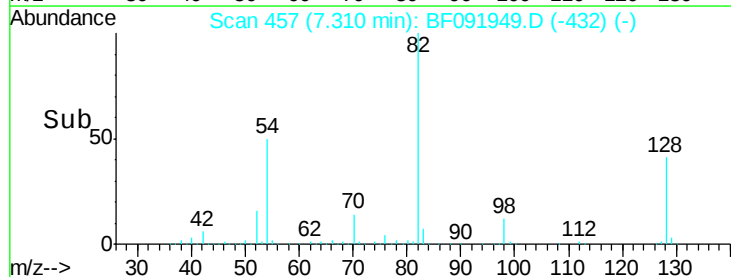


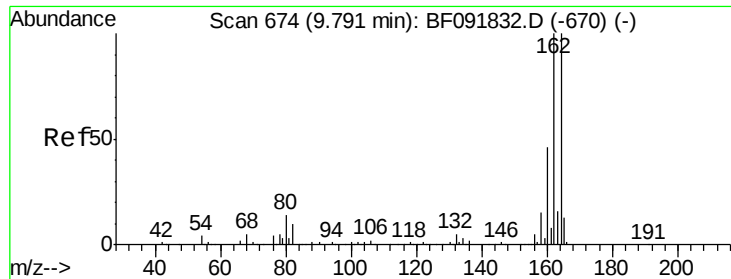
#23
Nitrobenzene-d5
Concen: 98.77 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091949.D
Acq: 24 Dec 2016 4:13

Tgt Ion:	82	Resp:	1376346
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	50.4	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

Instrument :

BNA_F

ClientSampleId :

EAST-NY-FB-1-122016

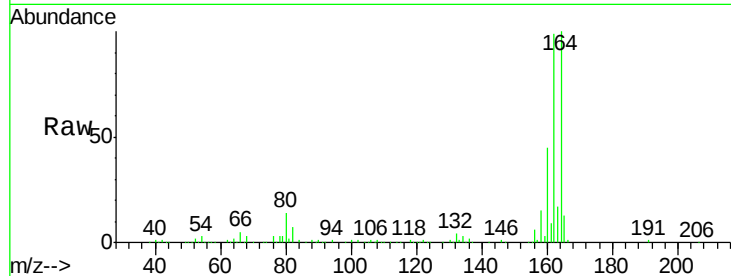
Tgt Ion:164 Resp: 402919

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

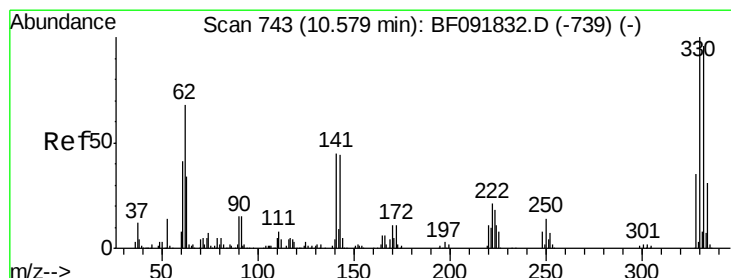
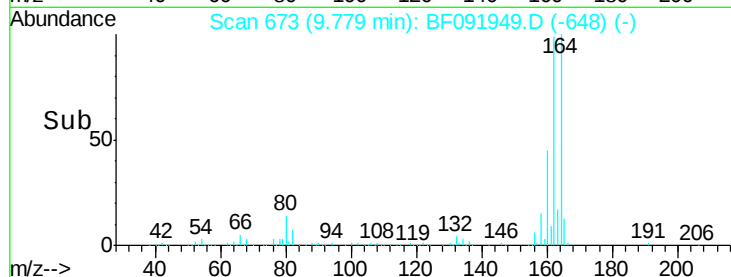
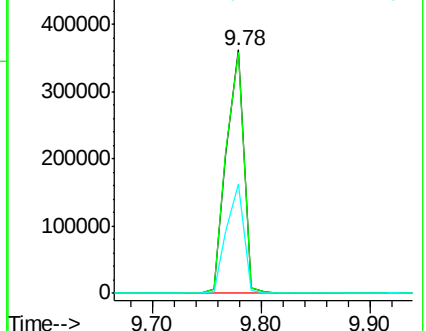
160 44.7 36.9 55.3



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: 116.59 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

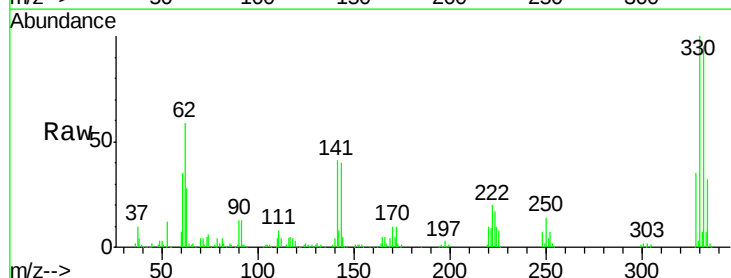
Tgt Ion:330 Resp: 388777

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

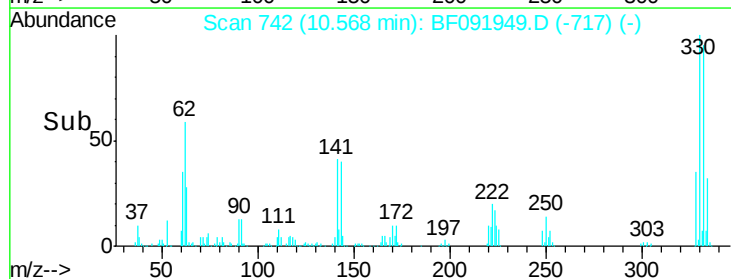
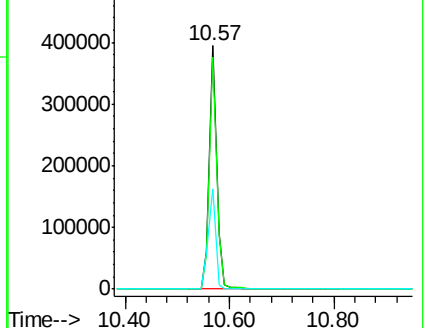
141 41.4 34.1 51.1

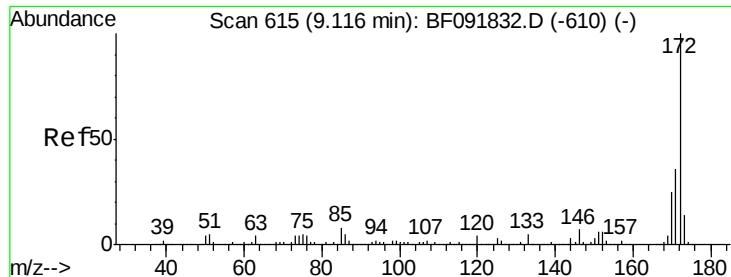


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

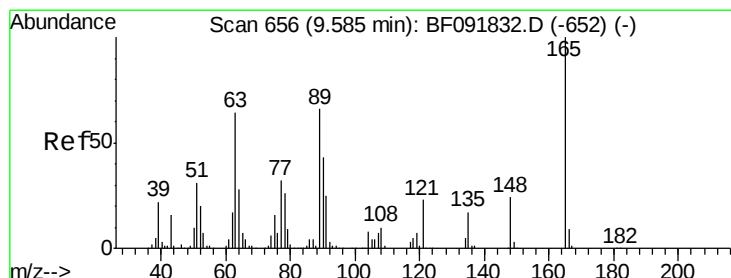
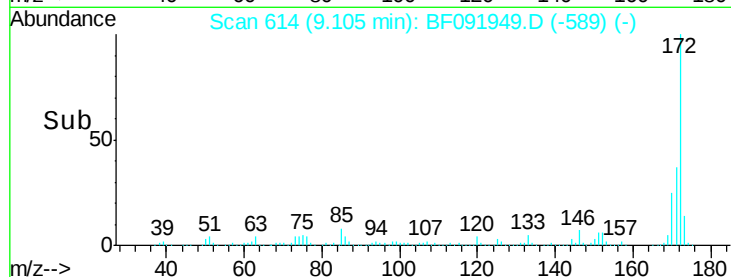
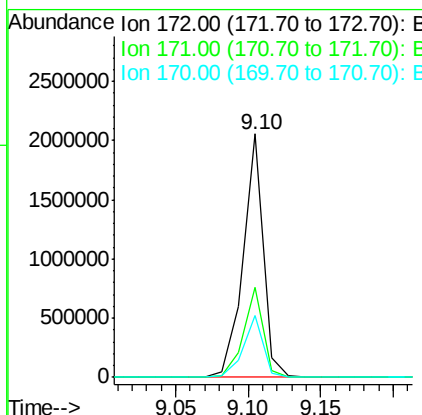
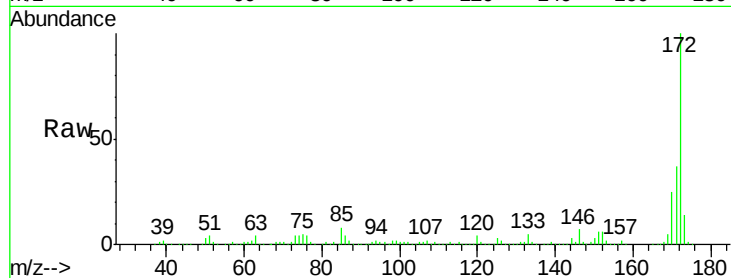




#44
 2-Fluorobiphenyl
 Concen: 103.96 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091949.D
 Acq: 24 Dec 2016 4:13

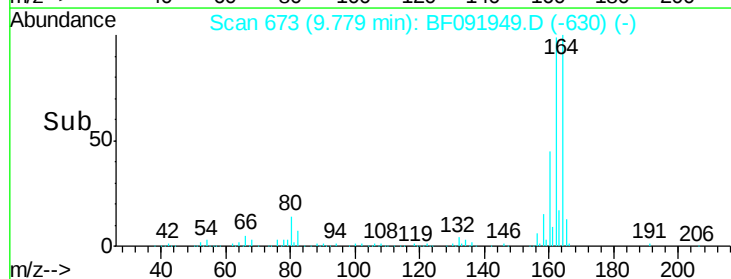
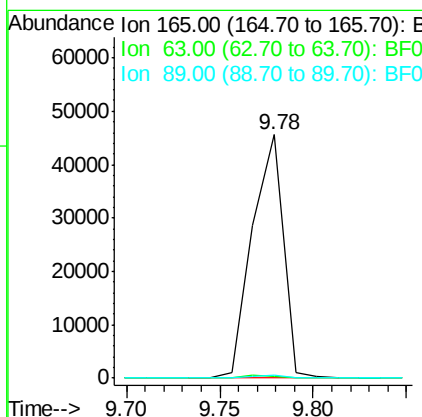
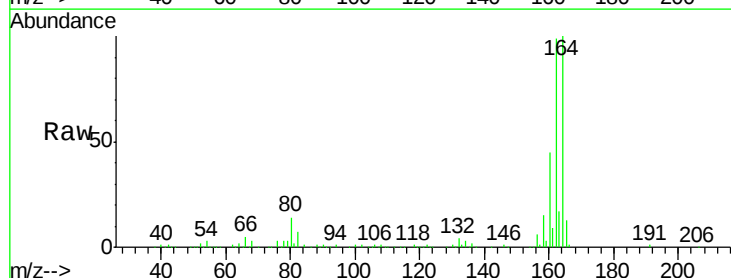
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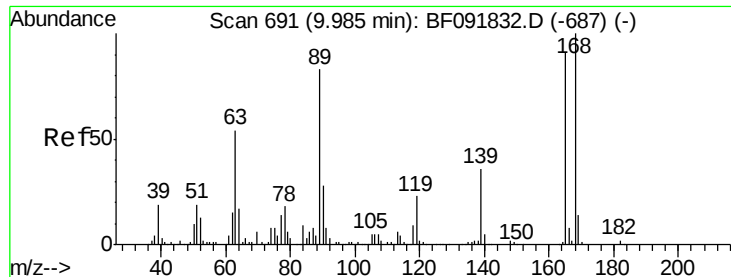
Tgt Ion:172 Resp: 1987787
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.3 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.31 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF091949.D
 Acq: 24 Dec 2016 4:13

Tgt Ion:165 Resp: 52540
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 1.1 40.2 60.4#

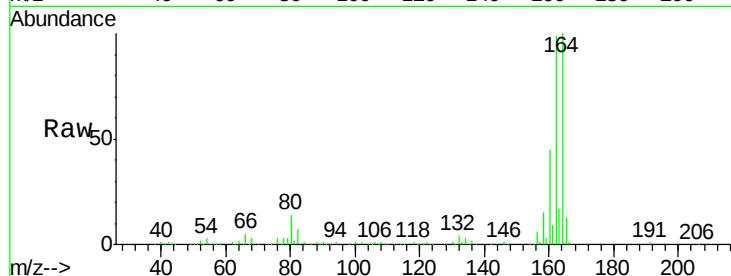




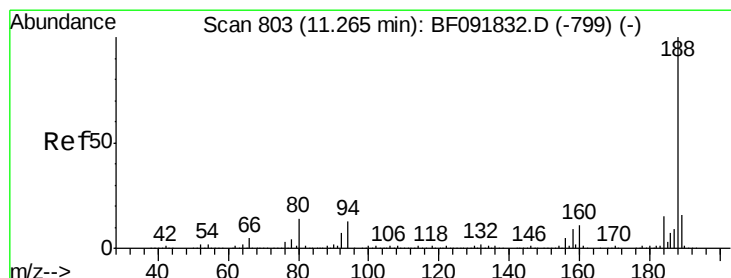
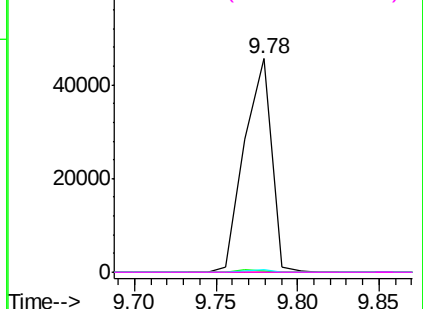
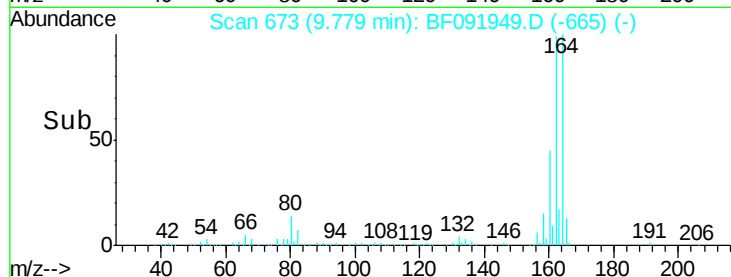
#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091949.D
Acq: 24 Dec 2016 4:13

Instrument :
BNA_F
ClientSampleId :
EAST-NY-FB-1-122016

Tgt Ion:165 Resp: 52543
Ion Ratio Lower Upper
165 100
63 0.7 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#

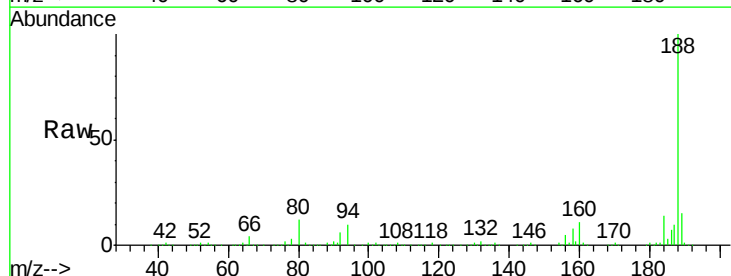


Abundance Ion 165.00 (164.70 to 165.70): E

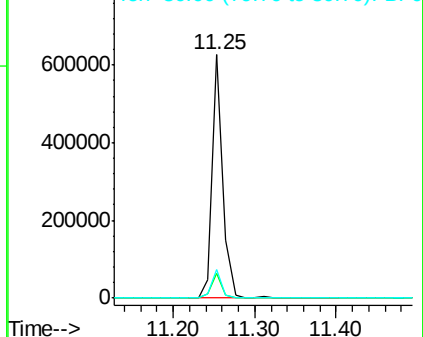
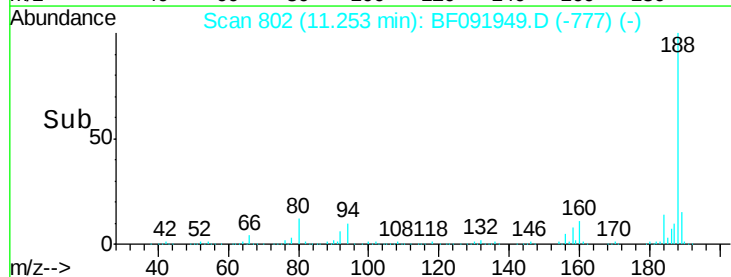


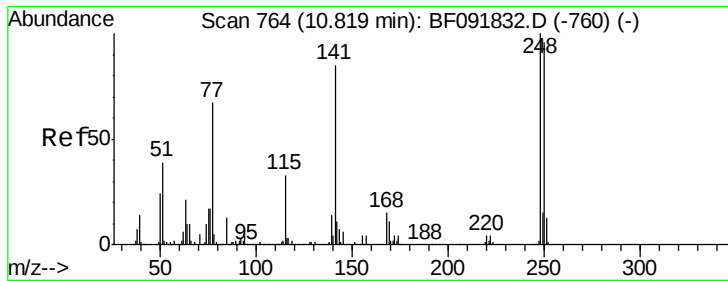
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091949.D
Acq: 24 Dec 2016 4:13

Tgt Ion:188 Resp: 578457
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 11.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

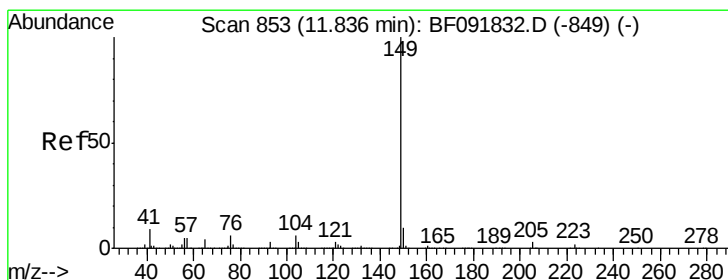
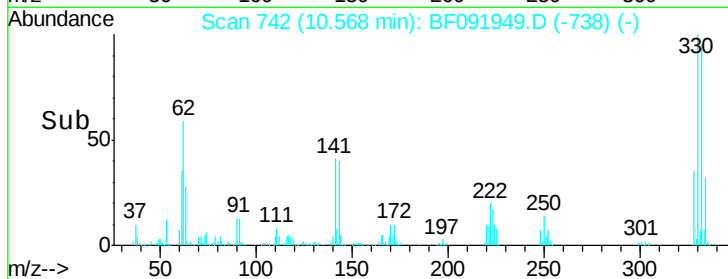
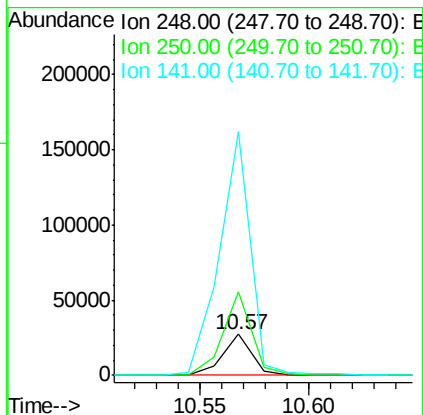
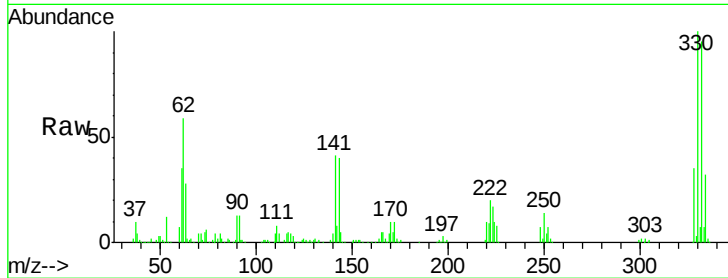




#66
 4-Bromophenyl-phenylether
 Concen: 4.20 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF091949.D
 Acq: 24 Dec 2016 4:13

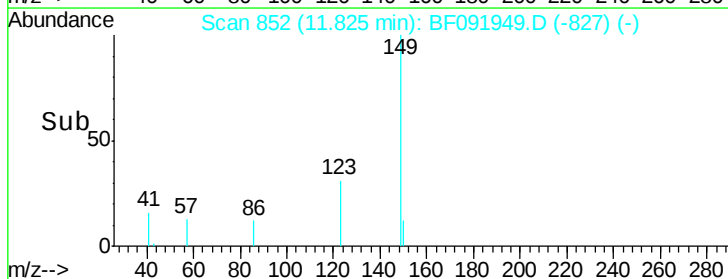
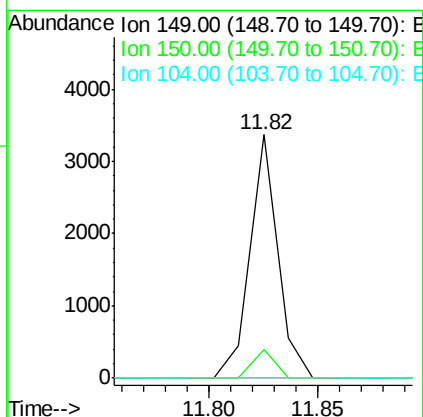
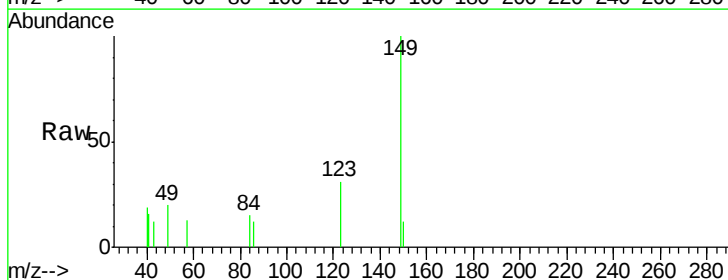
Instrument :
 BNA_F
 ClientSampleId :
 EAST-NY-FB-1-122016

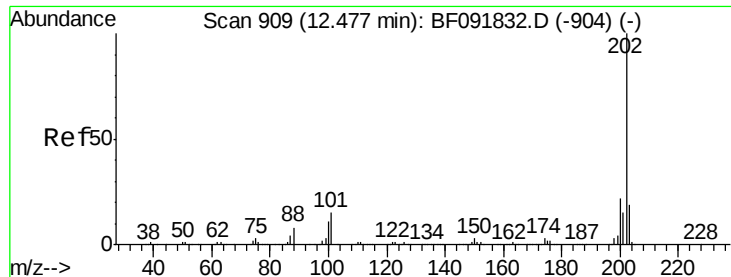
Tgt Ion:248 Resp: 25259
 Ion Ratio Lower Upper
 248 100
 250 203.8 76.9 115.3#
 141 591.5 68.2 102.4#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.82 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF091949.D
 Acq: 24 Dec 2016 4:13

Tgt Ion:149 Resp: 2995
 Ion Ratio Lower Upper
 149 100
 150 11.5 8.1 12.1
 104 0.0 4.6 7.0#

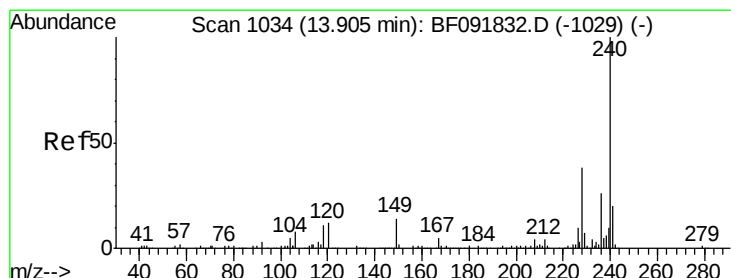
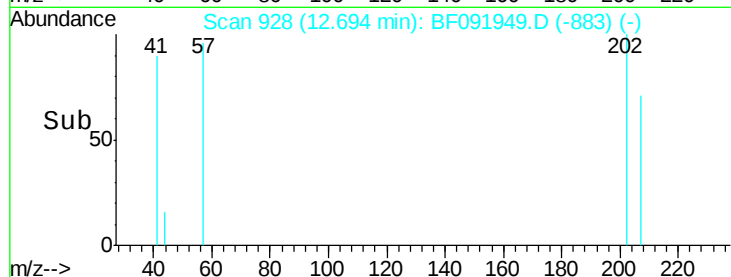
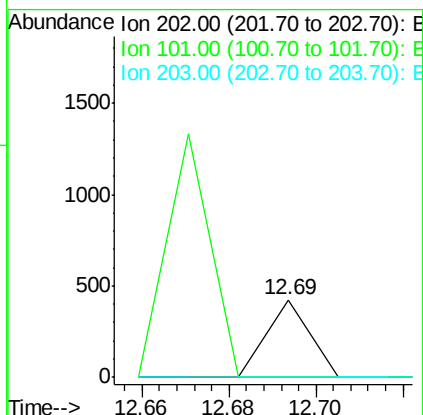
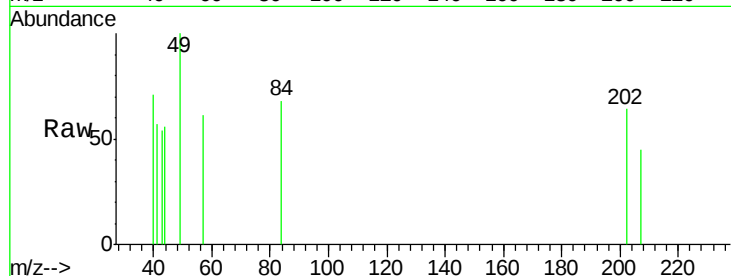




#74
Fluoranthene
Concen: Below Cal
RT: 12.69 min Scan# 928
Delta R.T. 0.22 min
Lab File: BF091949.D
Acq: 24 Dec 2016 4:13

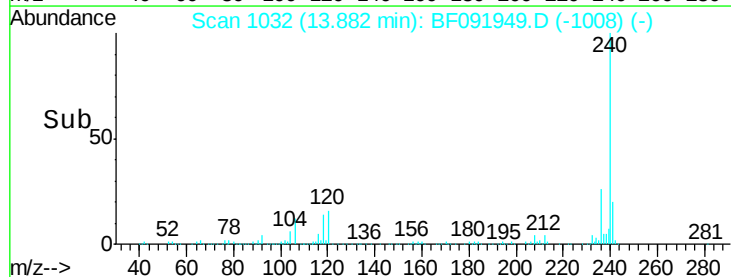
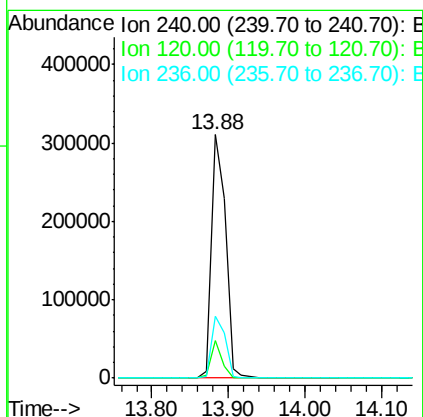
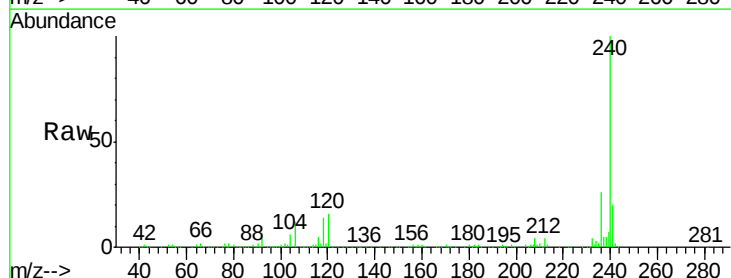
Instrument :
BNA_F
ClientSampleId :
EAST-NY-FB-1-122016

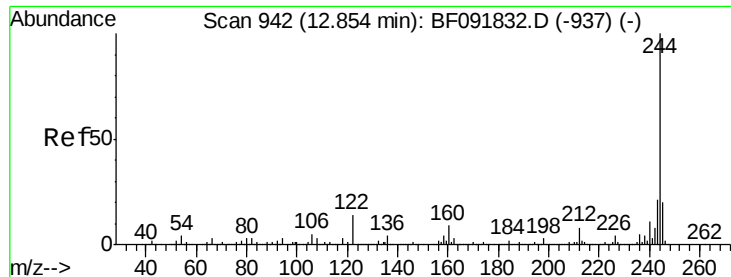
Tgt Ion: 202 Resp: 291
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.6
203 0.0 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091949.D
Acq: 24 Dec 2016 4:13

Tgt Ion: 240 Resp: 392104
Ion Ratio Lower Upper
240 100
120 15.7 12.9 19.3
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 89.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

Instrument :

BNA_F

ClientSampleId :

EAST-NY-FB-1-122016

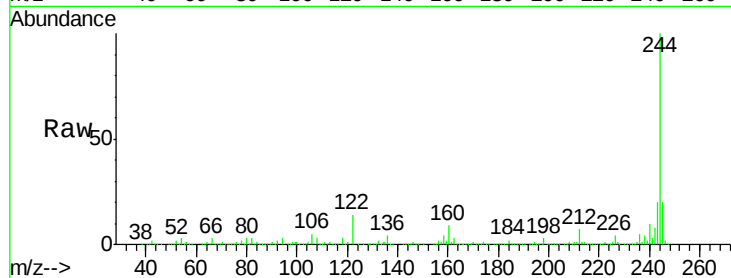
Tgt Ion:244 Resp: 1454953

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

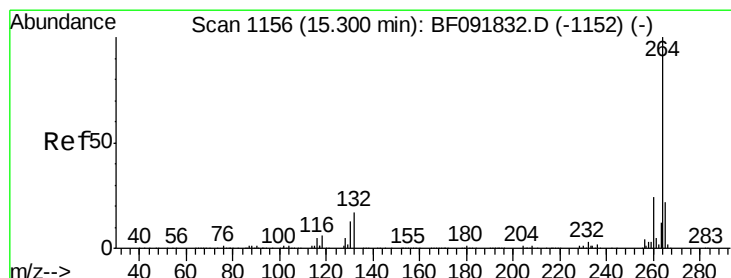
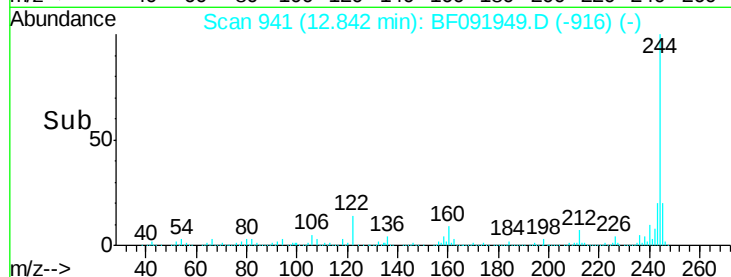
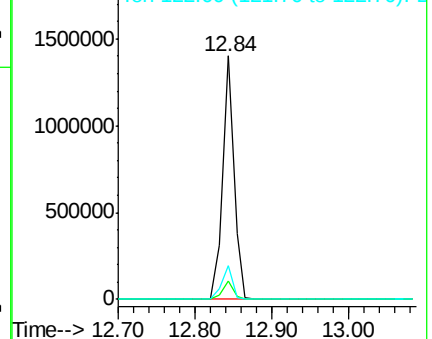
122 13.9 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091949.D

Acq: 24 Dec 2016 4:13

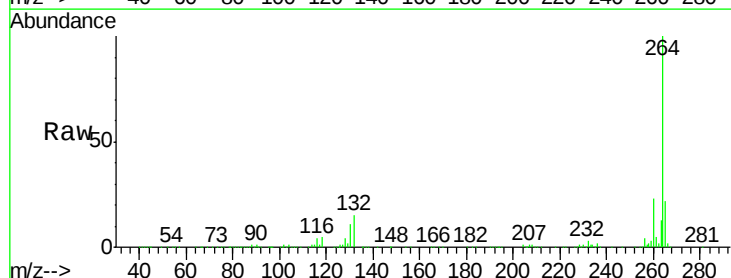
Tgt Ion:264 Resp: 379797

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 17.4 26.0



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

