

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091727.D
 Acq On : 18 Dec 2016 3:03
 Operator : UM/SJ
 Sample : H6099-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB02-121316

Quant Time: Dec 19 00:13:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

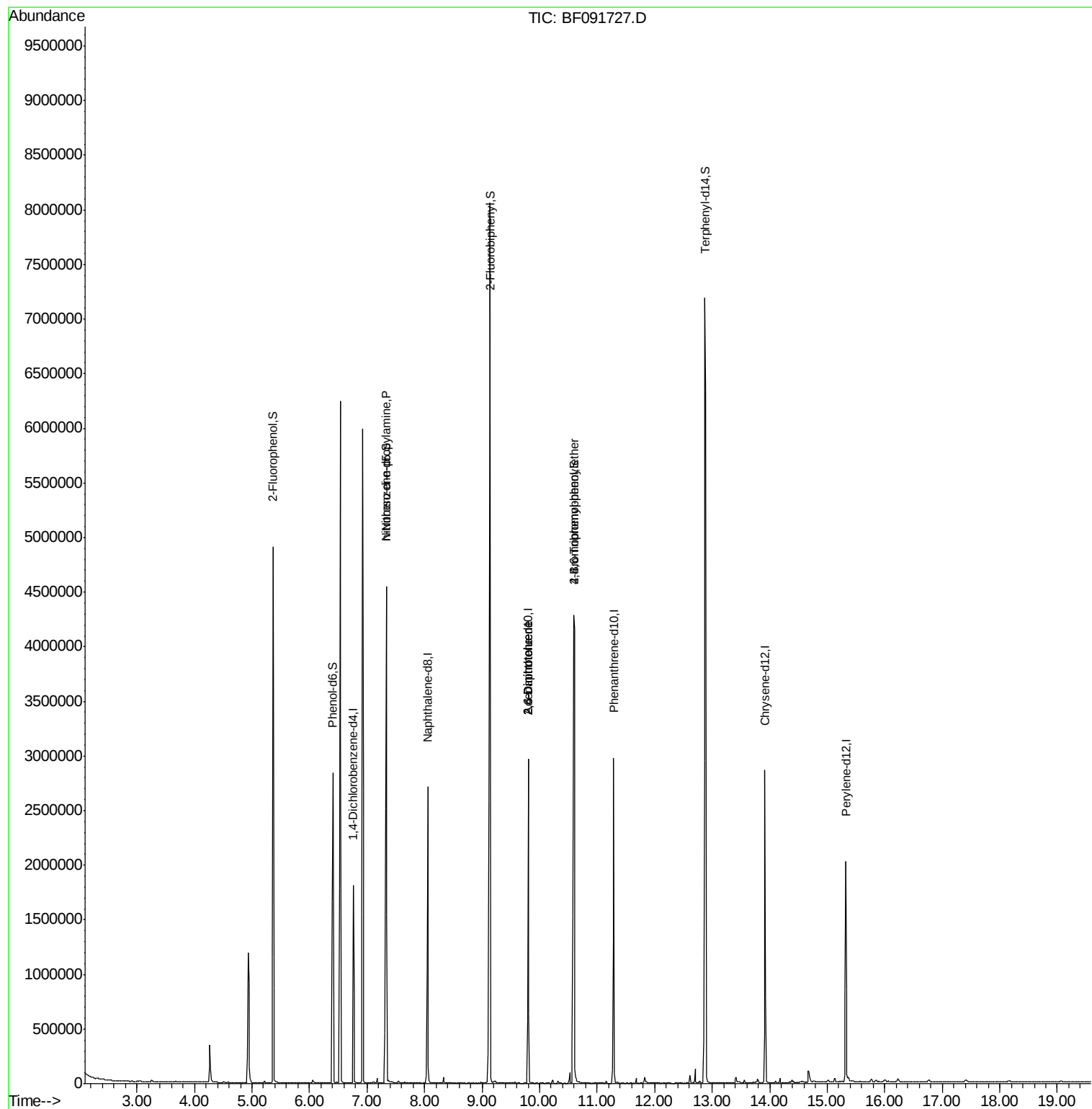
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	313879	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1354208	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	673956	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1236231	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1019529	20.00	ng	-0.01
86) Perylene-d12	15.32	264	937023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1379254	73.62	ng	0.00
7) Phenol-d6	6.41	99	1179807	51.64	ng	-0.01
23) Nitrobenzene-d5	7.33	82	2195599	93.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	935191	163.64	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3896177	116.14	ng	0.00
78) Terphenyl-d14	12.88	244	3840069	95.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1686	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	293071	19.28	ng	# 77
50) 2,6-Dinitrotoluene	9.80	165	88146	9.13	ng	# 31
56) 2,4-Dinitrotoluene	9.80	165	88149	7.31	ng	# 20
66) 4-Bromophenyl-phenylether	10.60	248	58681	4.53	ng	# 1

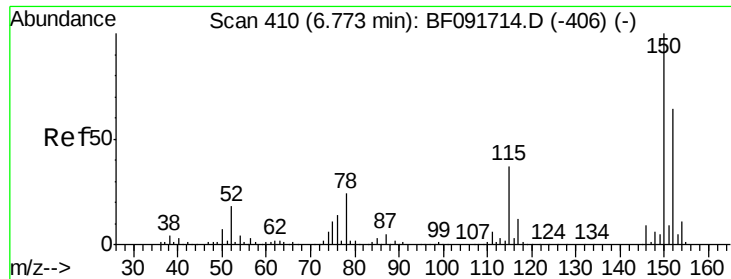
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091727.D

Acq: 18 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

FB02-121316

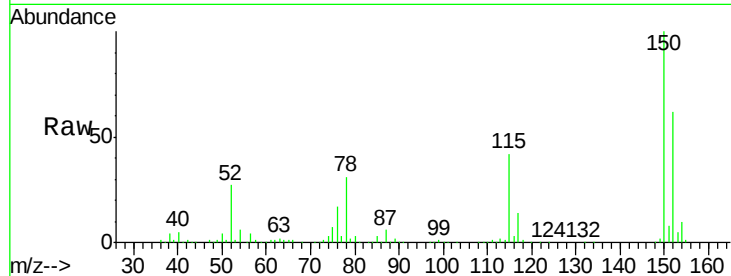
Tgt Ion:152 Resp: 313879

Ion Ratio Lower Upper

152 100

150 160.1 124.9 187.3

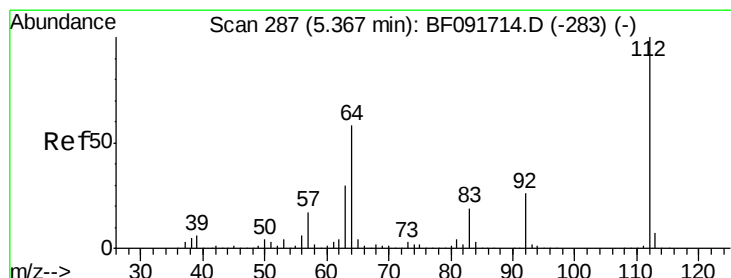
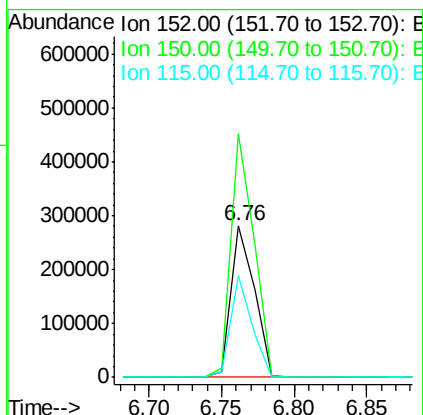
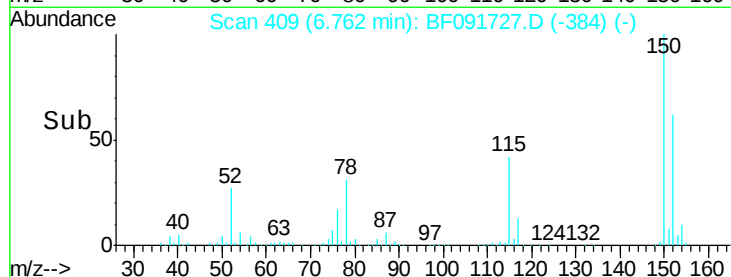
115 66.8 46.0 69.0



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: 73.62 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091727.D

Acq: 18 Dec 2016 3:03

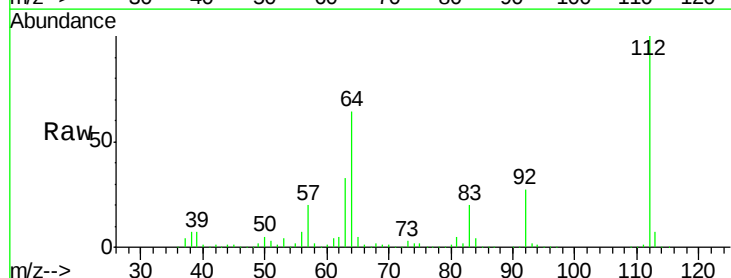
Tgt Ion:112 Resp: 1379254

Ion Ratio Lower Upper

112 100

64 64.3 46.1 69.1

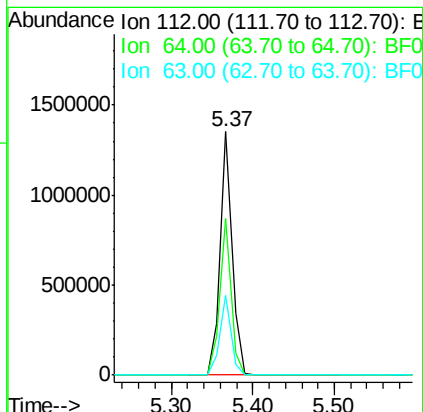
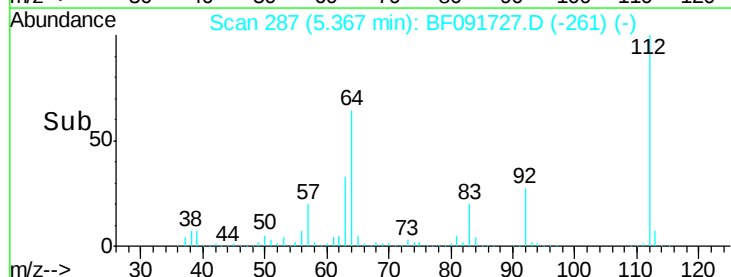
63 32.8 23.8 35.6

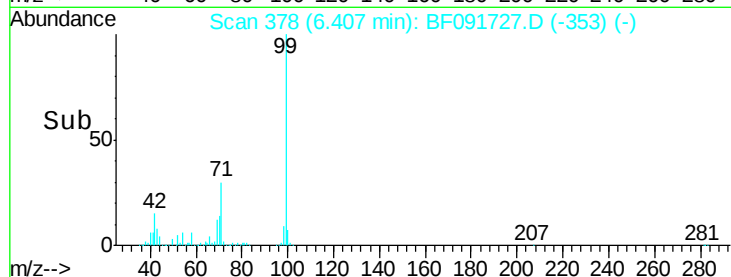
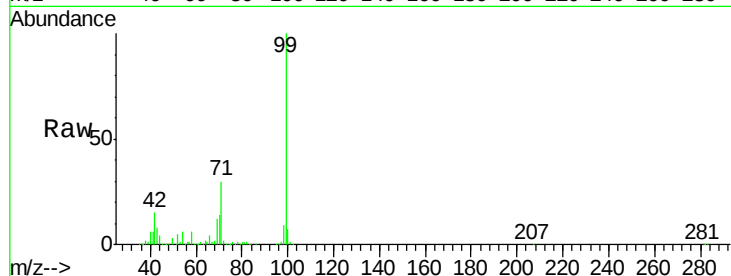
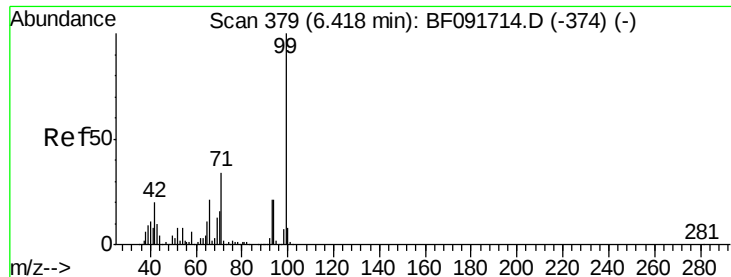


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.64 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091727.D

Acq: 18 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

FB02-121316

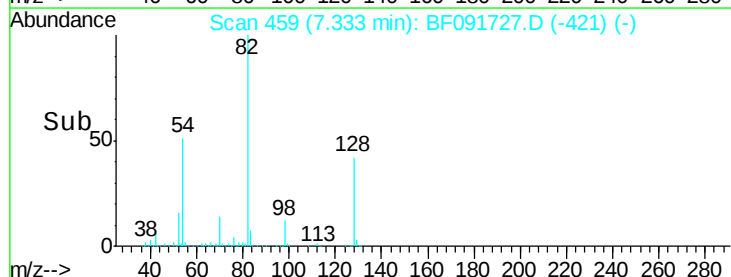
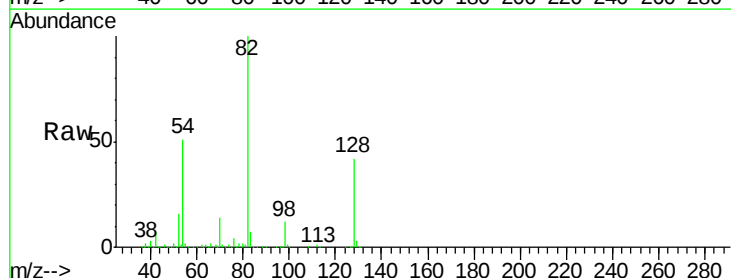
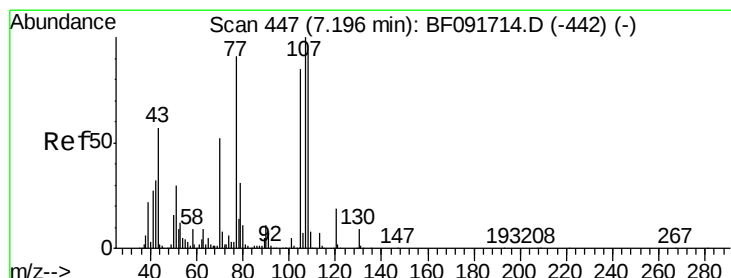
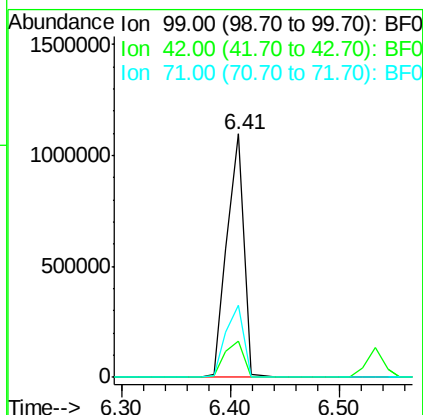
Tgt Ion: 99 Resp: 1179807

Ion Ratio Lower Upper

99 100

42 14.8 15.6 23.4#

71 29.8 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.28 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF091727.D

Acq: 18 Dec 2016 3:03

Tgt Ion: 70 Resp: 293071

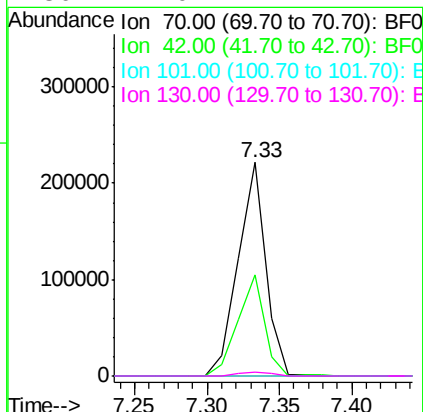
Ion Ratio Lower Upper

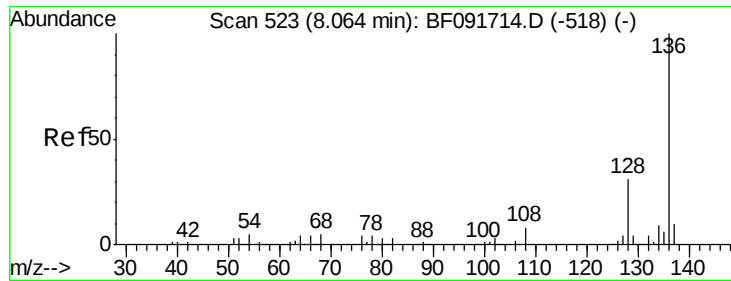
70 100

42 47.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

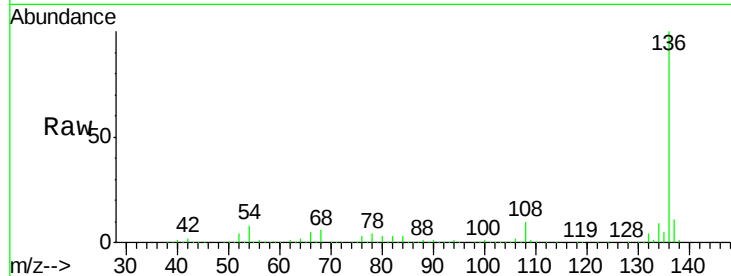




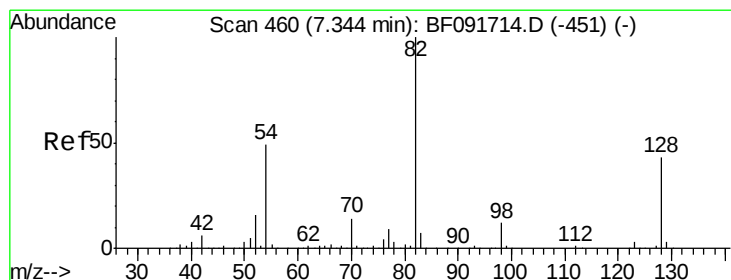
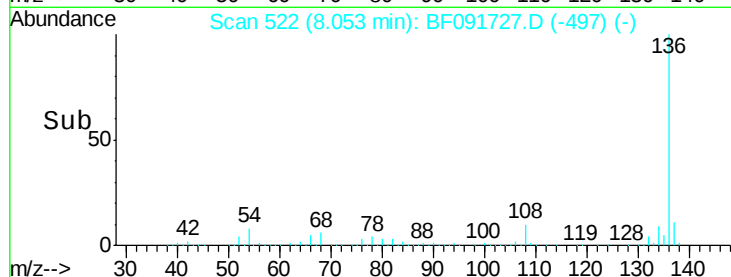
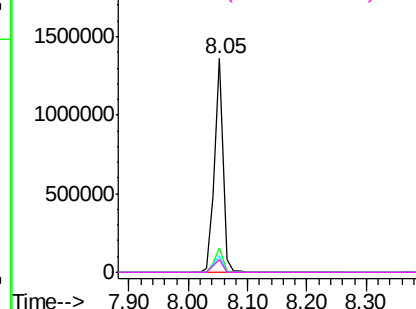
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion: 136 Resp: 1354208
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.6 4.5 6.7#
68 6.0 3.6 5.4#

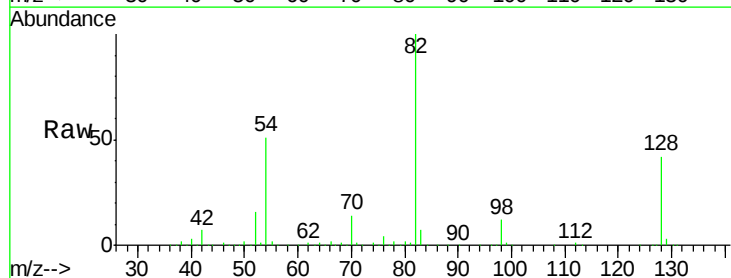


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

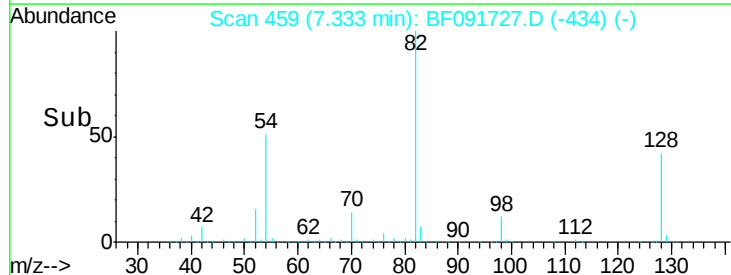
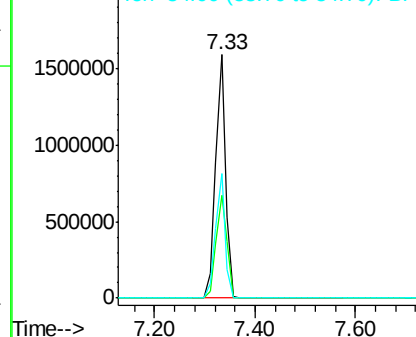


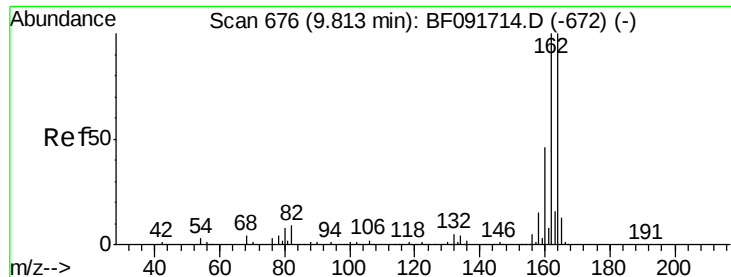
#23
Nitrobenzene-d5
Concen: 93.50 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion: 82 Resp: 2195599
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 51.1 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

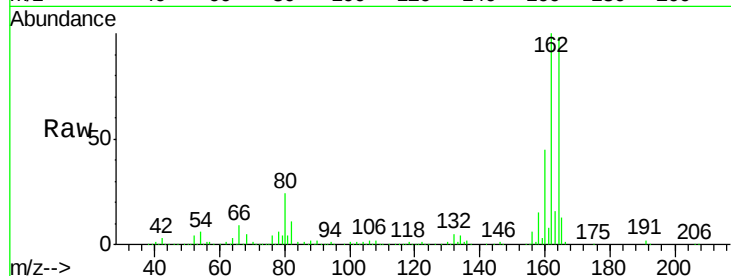




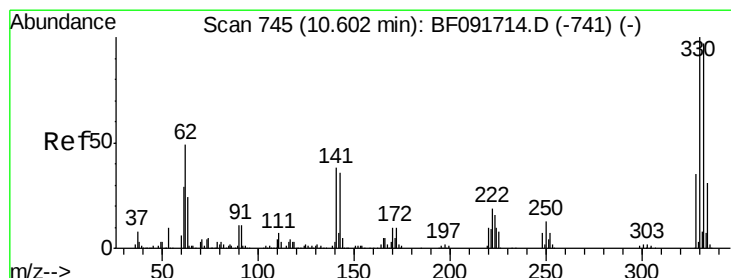
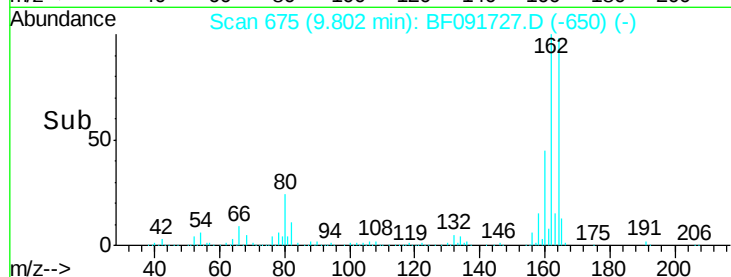
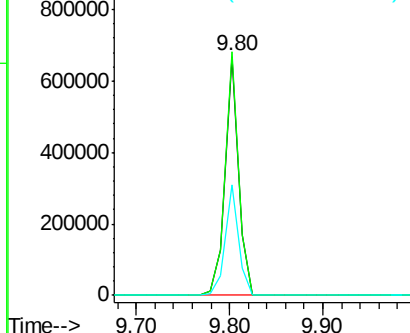
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
FB02-121316

Tgt Ion:164 Resp: 673956
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 46.1 36.9 55.3

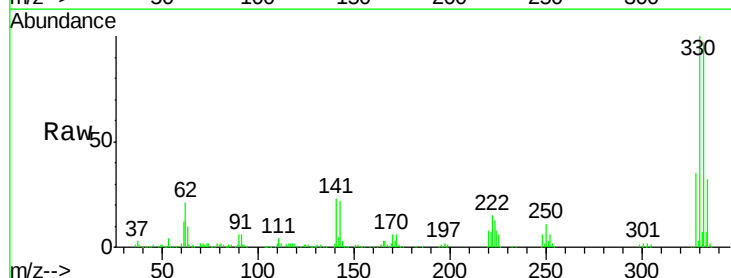


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

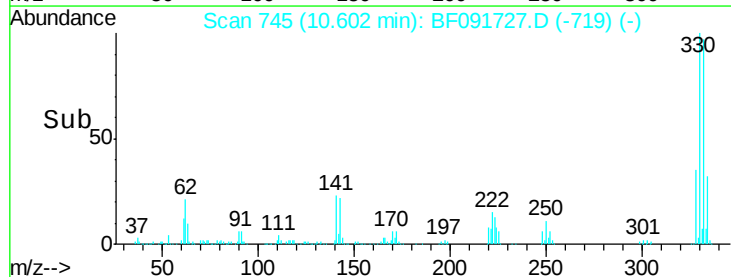
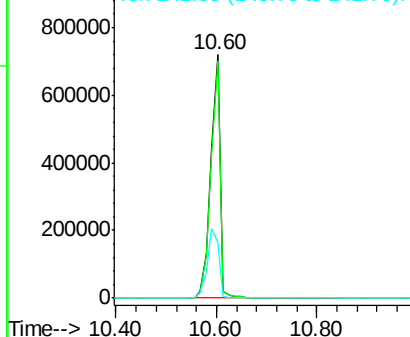


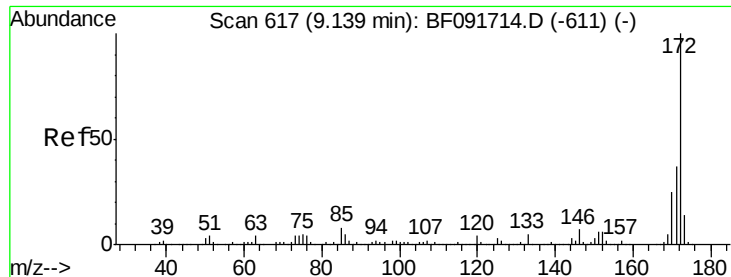
#41
2,4,6-Tribromophenol
Concen: 163.64 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091727.D
Acq: 18 Dec 2016 3:03

Tgt Ion:330 Resp: 935191
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 35.4 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

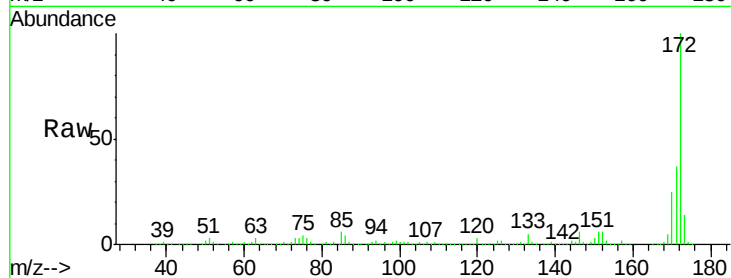




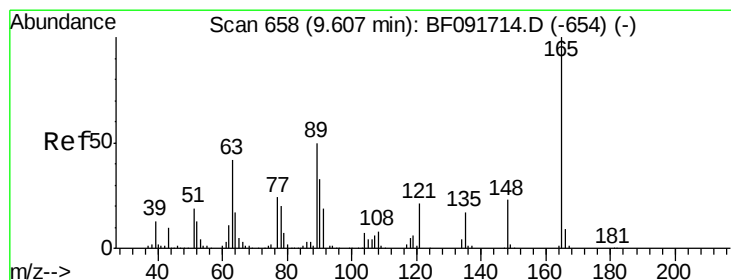
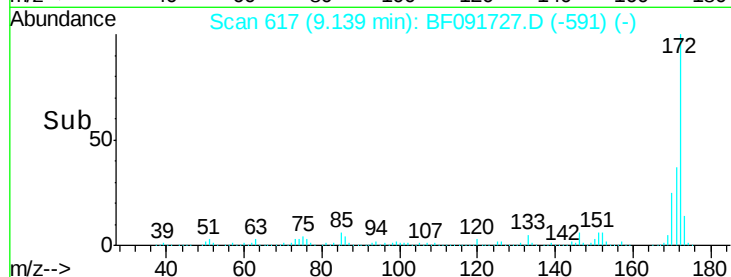
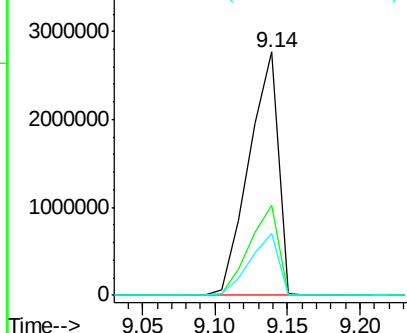
#44
 2-Fluorobiphenyl
 Concen: 116.14 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091727.D
 Acq: 18 Dec 2016 3:03

Instrument :
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 FB02-121316

Tgt Ion:172 Resp: 3896177
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 25.4 20.2 30.4

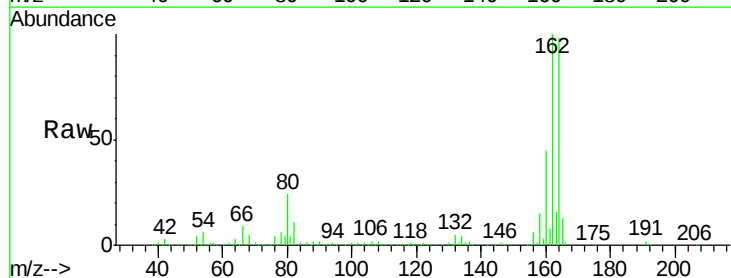


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

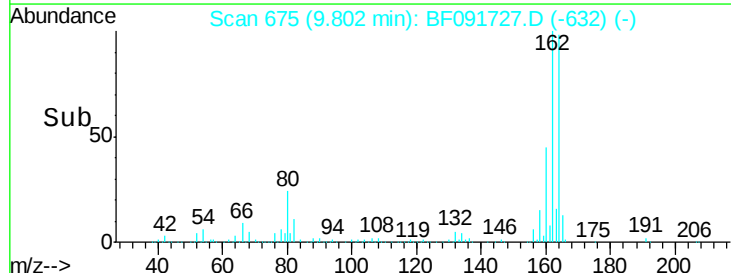
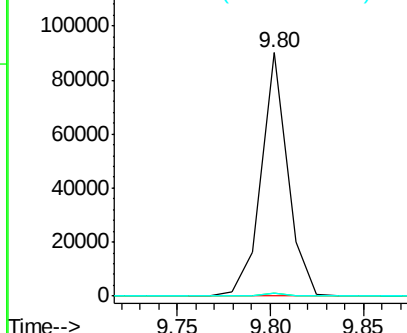


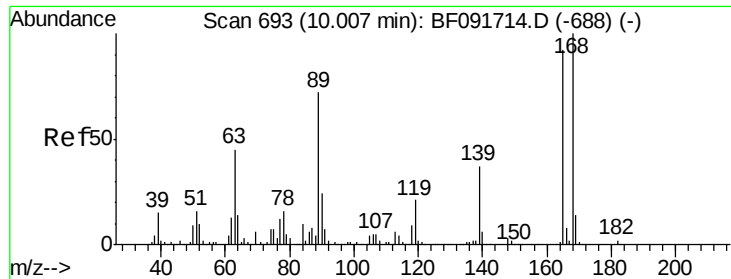
#50
 2,6-Dinitrotoluene
 Concen: 9.13 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF091727.D
 Acq: 18 Dec 2016 3:03

Tgt Ion:165 Resp: 88146
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.3 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

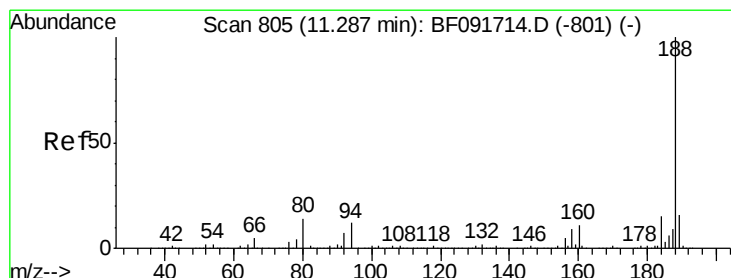
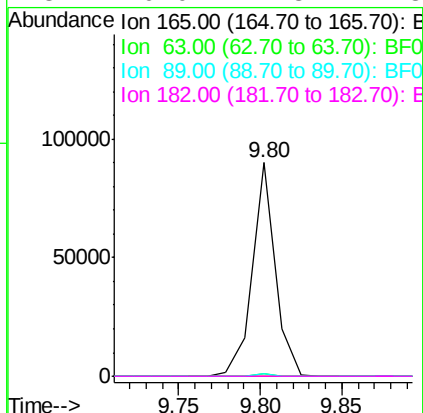
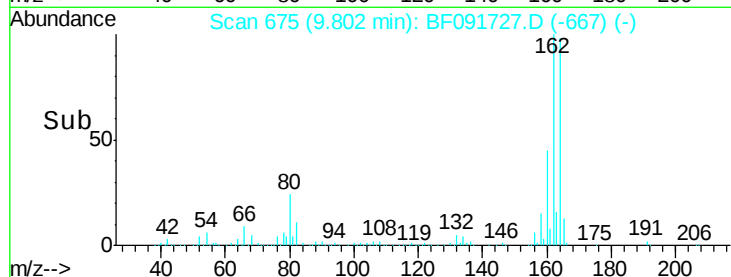
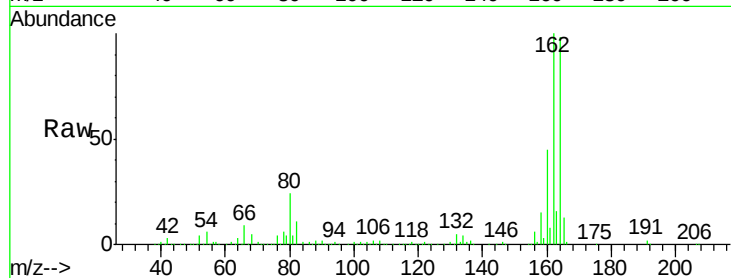




#56
 2,4-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF091727.D
 Acq: 18 Dec 2016 3:03

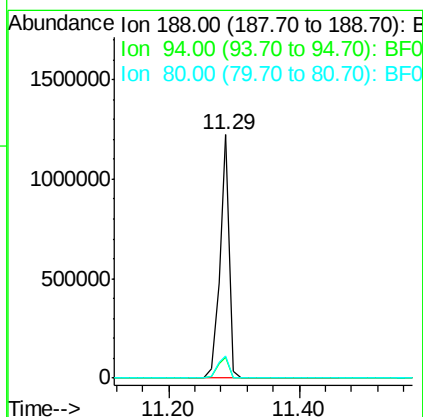
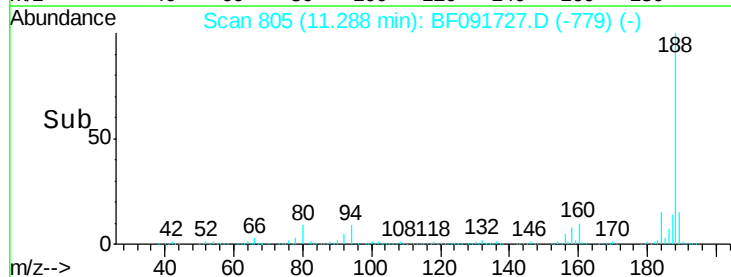
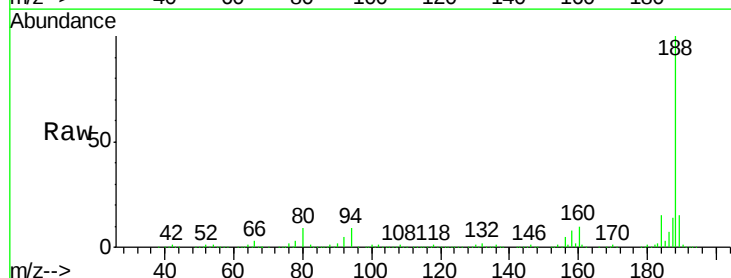
Instrument :
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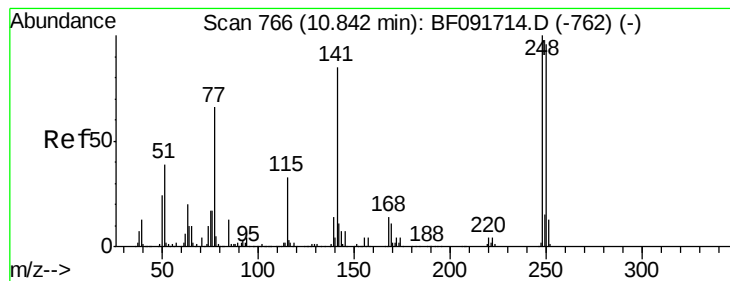
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF091727.D
 Acq: 18 Dec 2016 3:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.0	15.0#
80	9.2	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 4.53 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF091727.D

Acq: 18 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

FB02-121316

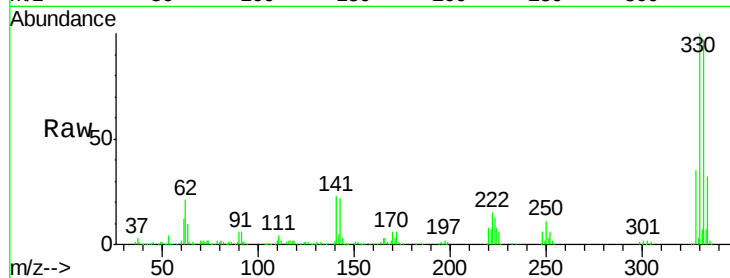
Tgt Ion:248 Resp: 58681

Ion Ratio Lower Upper

248 100

250 198.9 76.9 115.3#

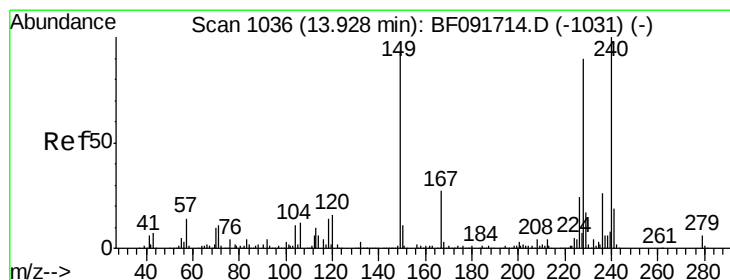
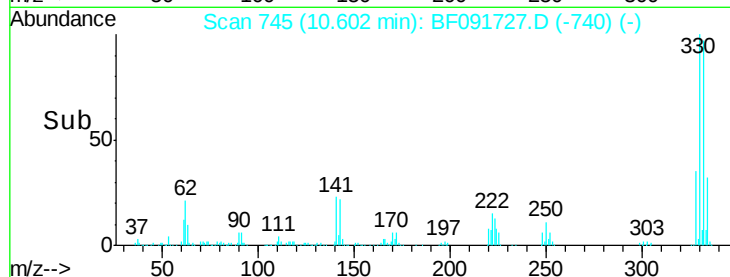
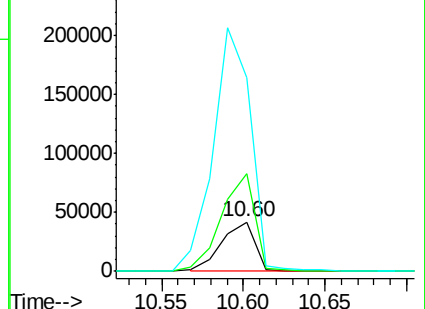
141 394.2 68.2 102.4#



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091727.D

Acq: 18 Dec 2016 3:03

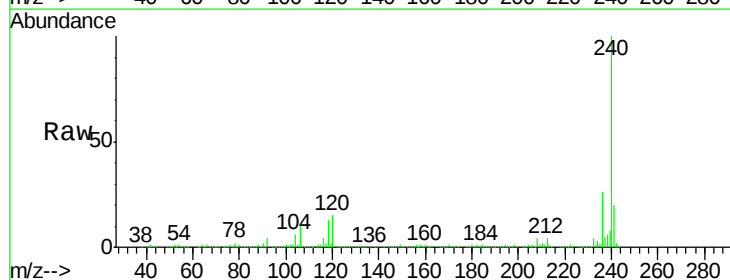
Tgt Ion:240 Resp: 1019529

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

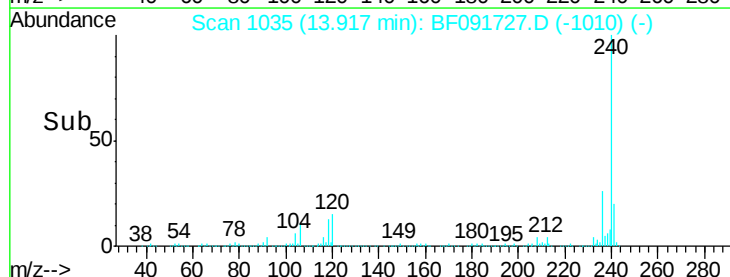
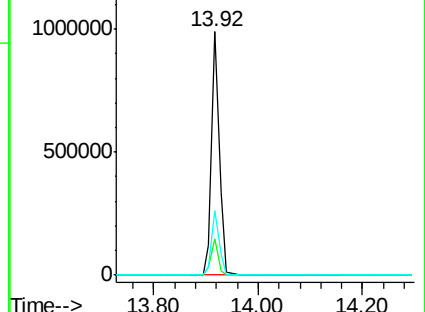
236 26.5 20.9 31.3

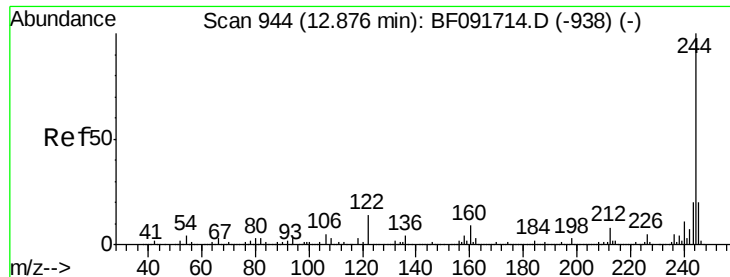


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

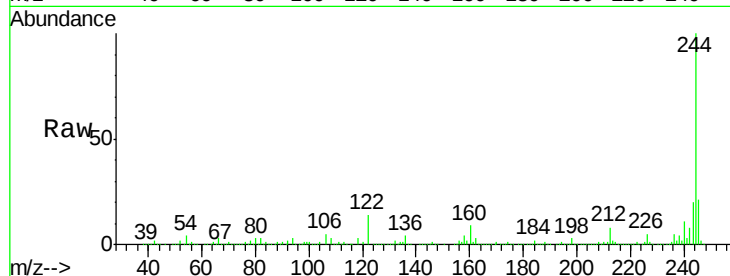




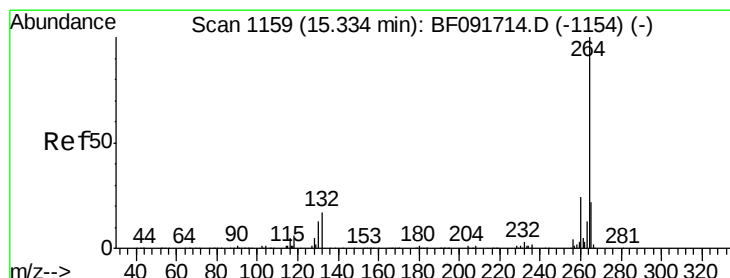
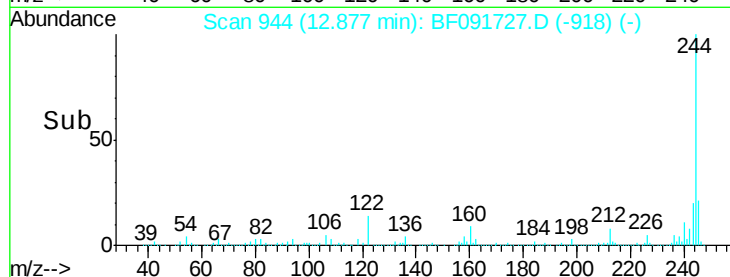
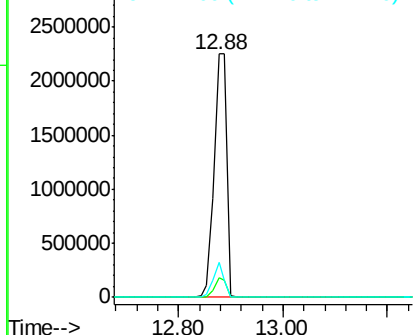
#78
 Terphenyl-d14
 Concen: 95.10 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091727.D
 Acq: 18 Dec 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 FB02-121316

Tgt Ion:244 Resp: 3840069
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.2 11.4 17.2

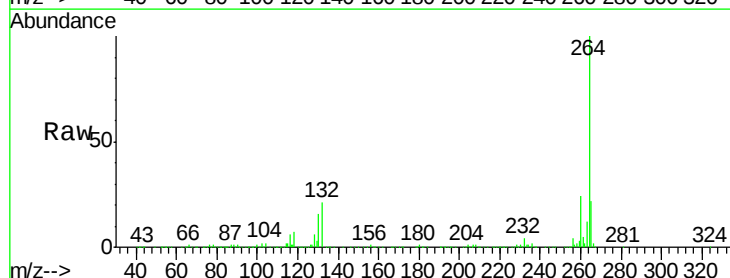


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091727.D
 Acq: 18 Dec 2016 3:03

Tgt Ion:264 Resp: 937023
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.2 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

