

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092657.D
 Acq On : 31 Jan 2017 2:06
 Operator : SJ/MA
 Sample : I1552-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Quant Time: Jan 31 02:36:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

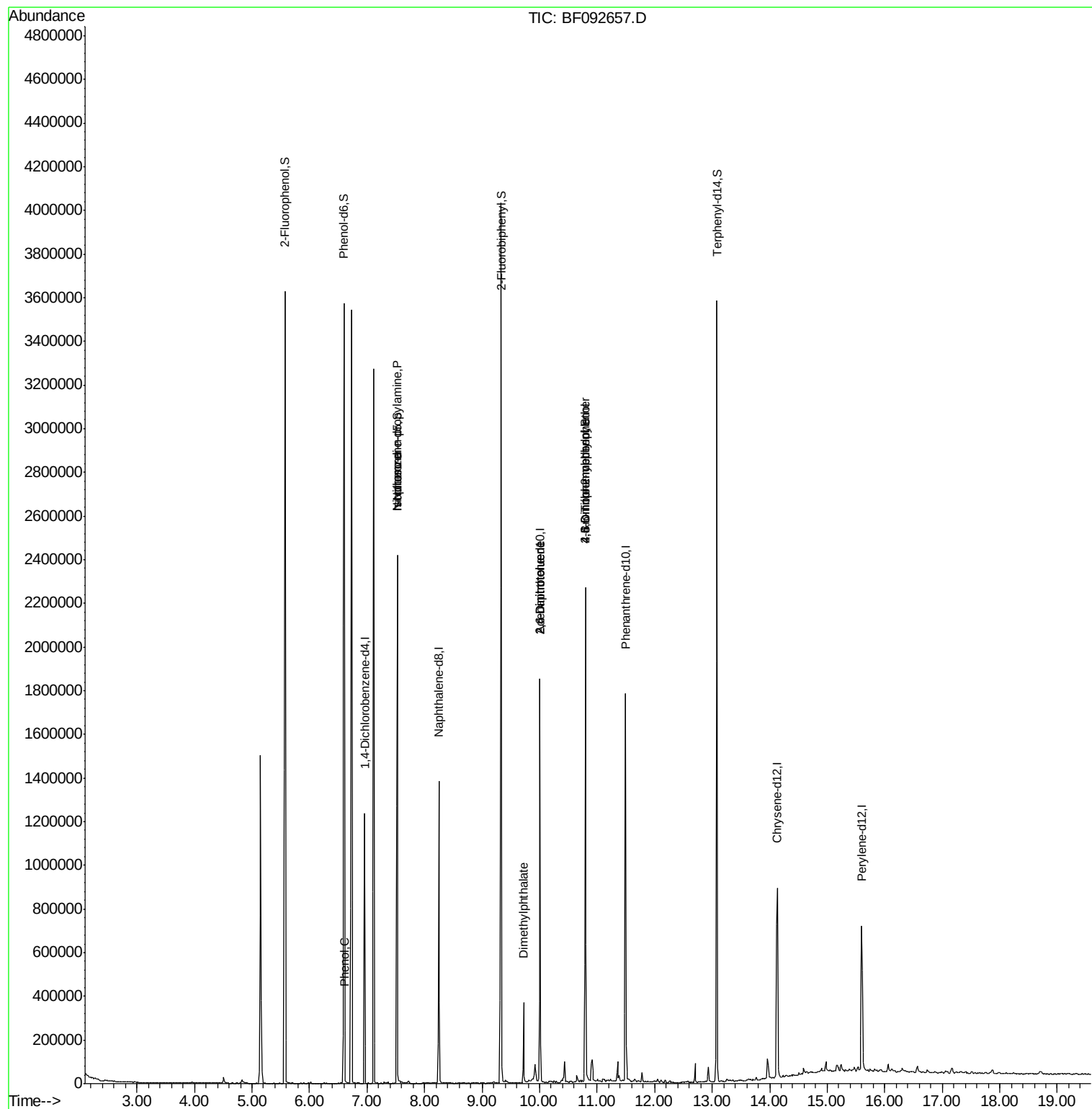
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	169955	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	658135	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	392404	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	621060	20.00	ng	0.00
75) Chrysene-d12	14.13	240	400001	20.00	ng	-0.01
86) Perylene-d12	15.60	264	334643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1004487	101.40	ng	0.00
7) Phenol-d6	6.60	99	1423453	111.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	902935	76.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	285628	100.64	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1596182	73.69	ng	0.00
78) Terphenyl-d14	13.08	244	1286436	75.57	ng	0.00
Target Compounds						
10) Phenol	6.61	94	58607	3.93	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	120484	14.85	ng	# 78
25) Isophorone	7.53	82	874152	39.69	ng	# 65
49) Dimethylphthalate	9.72	163	145872	5.52	ng	99
50) 2,6-Dinitrotoluene	10.01	165	51427	9.01	ng	# 30
56) 2,4-Dinitrotoluene	10.01	165	51428	6.77	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	705	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20323	3.13	ng	# 1

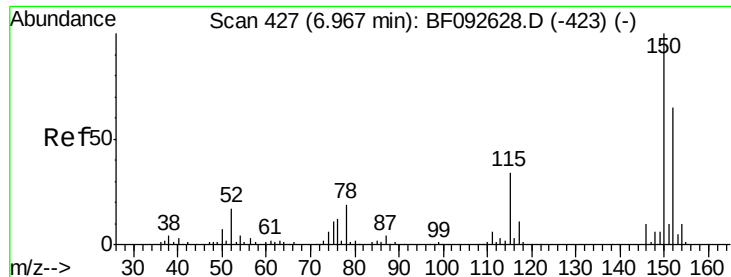
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

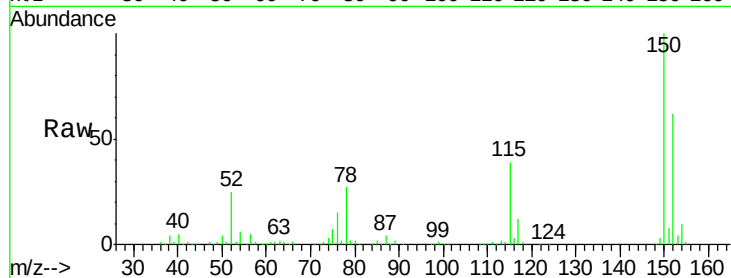
Tgt Ion:152 Resp: 169955

Ion Ratio Lower Upper

152 100

150 160.9 124.9 187.3

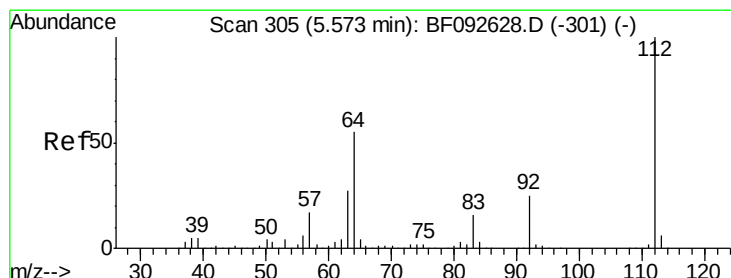
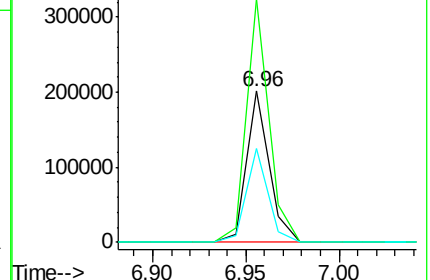
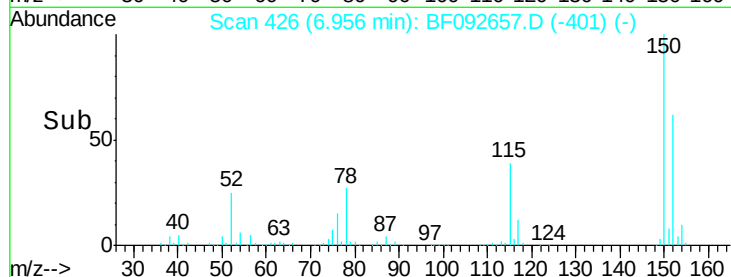
115 62.3 46.0 69.0



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: 101.40 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

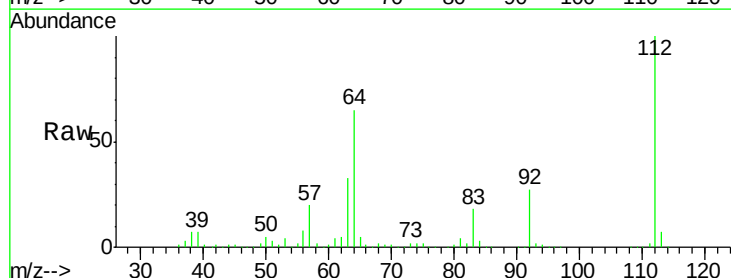
Tgt Ion:112 Resp: 1004487

Ion Ratio Lower Upper

112 100

64 65.4 46.1 69.1

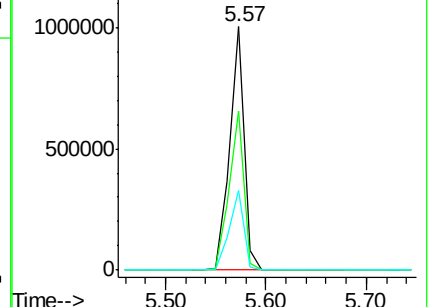
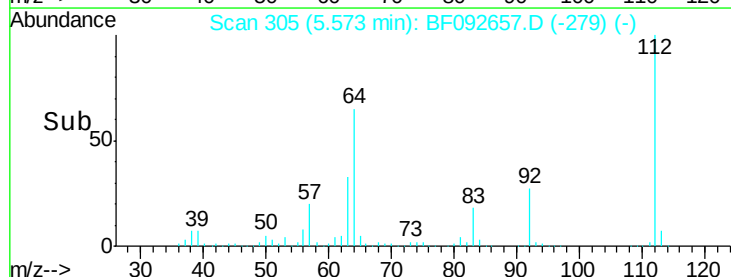
63 32.9 23.8 35.6

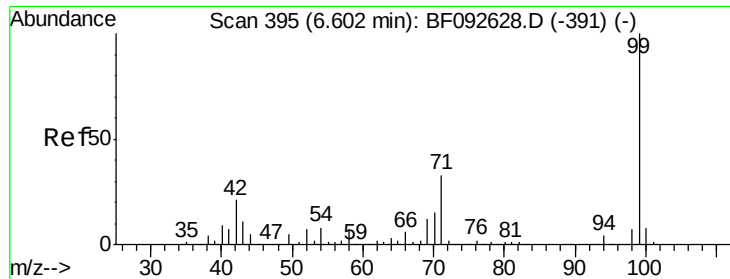


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.68 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

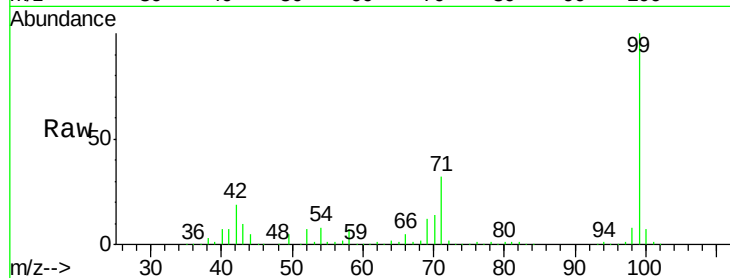
Tgt Ion: 99 Resp: 1423453

Ion Ratio Lower Upper

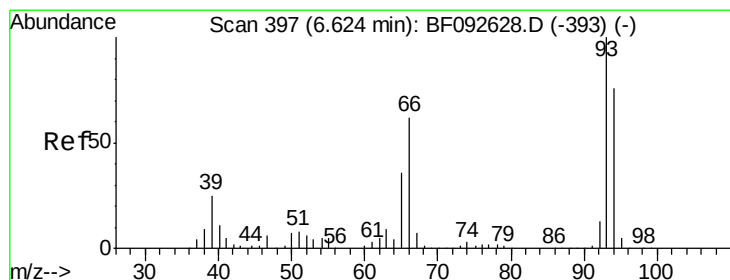
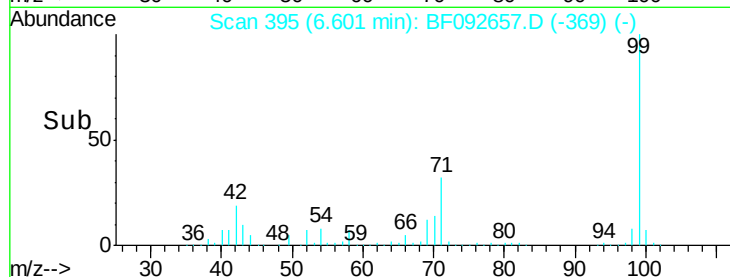
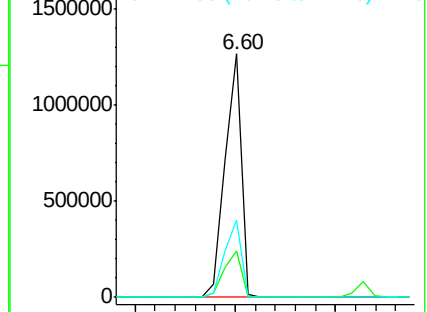
99 100

42 19.2 15.6 23.4

71 32.0 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



#10

Phenol

Concen: 3.93 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

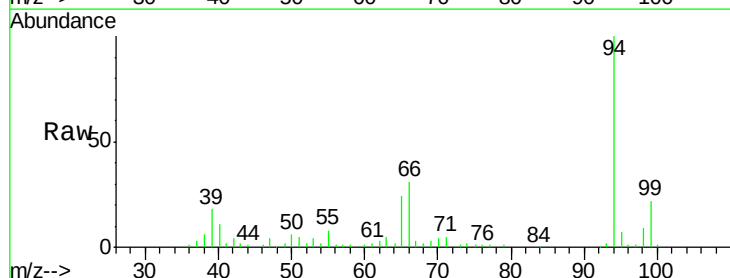
Tgt Ion: 94 Resp: 58607

Ion Ratio Lower Upper

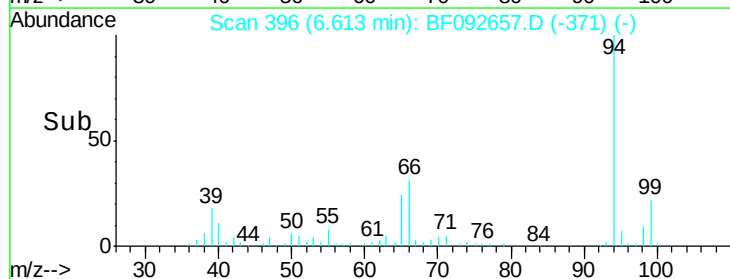
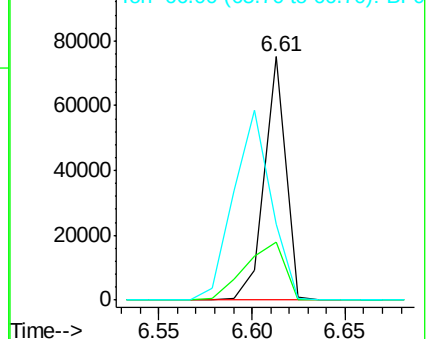
94 100

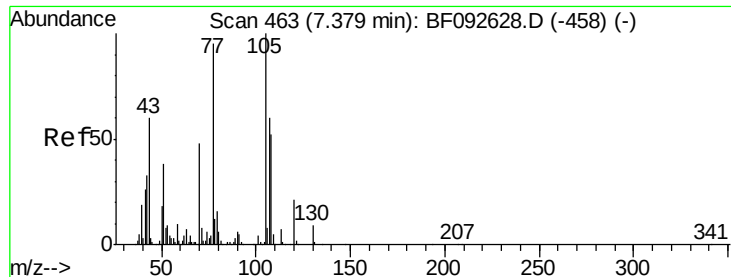
65 23.8 21.4 61.4

66 31.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

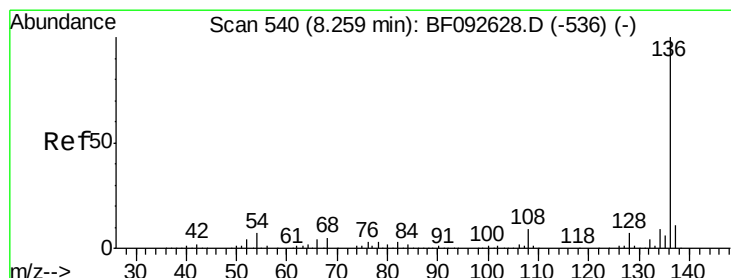
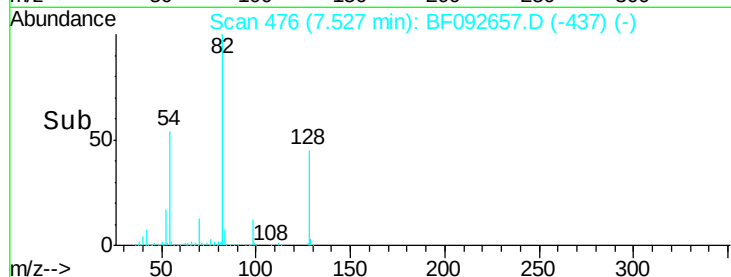
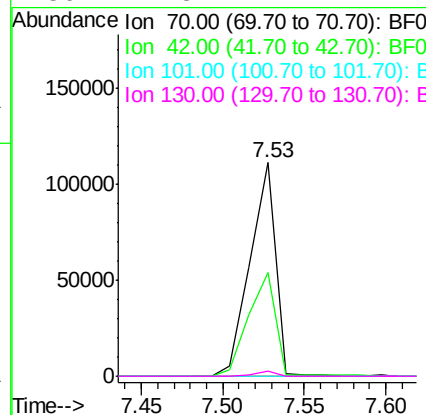
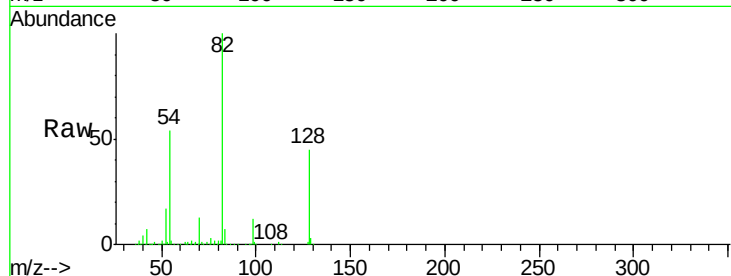




#19
n-Nitroso-di-n-propylamine
Concen: 14.85 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092657.D
Acq: 31 Jan 2017 2:06

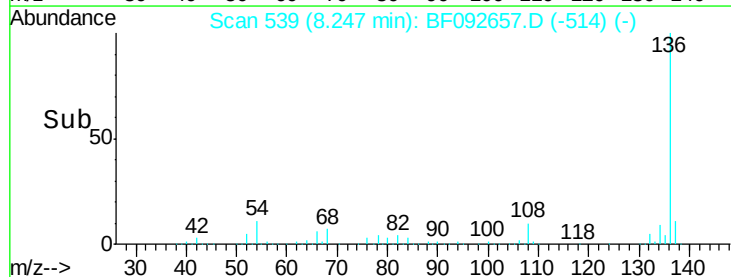
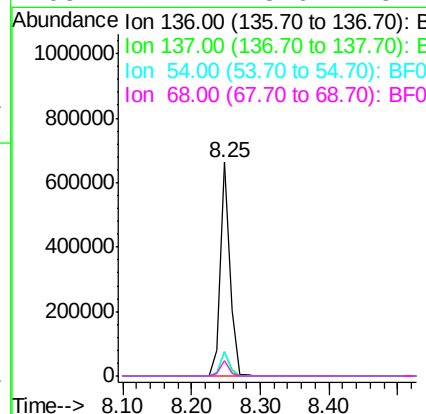
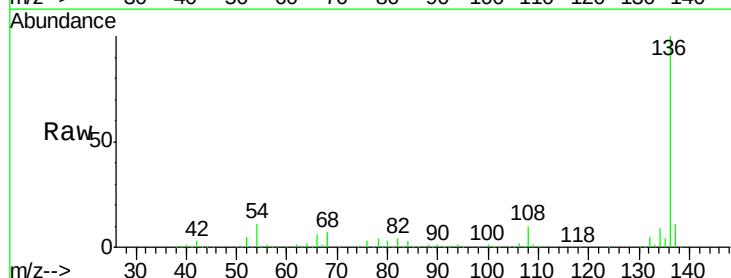
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCD

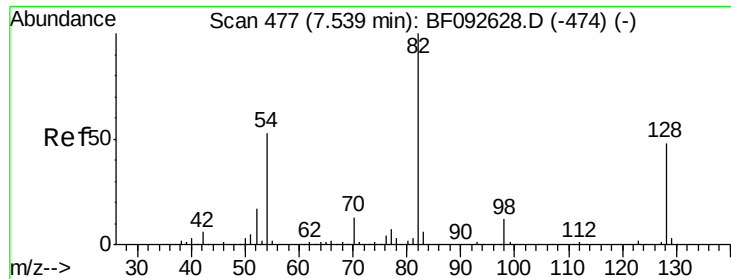
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092657.D
Acq: 31 Jan 2017 2:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.2	4.5	6.7#
68	7.1	3.6	5.4#

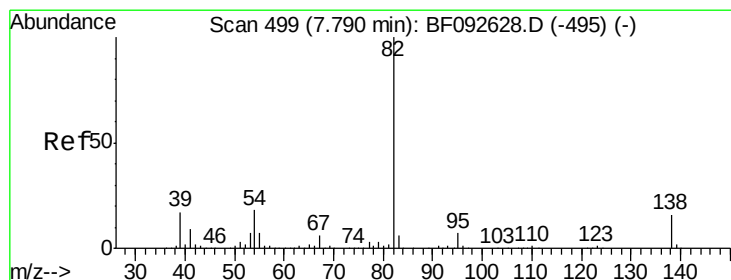
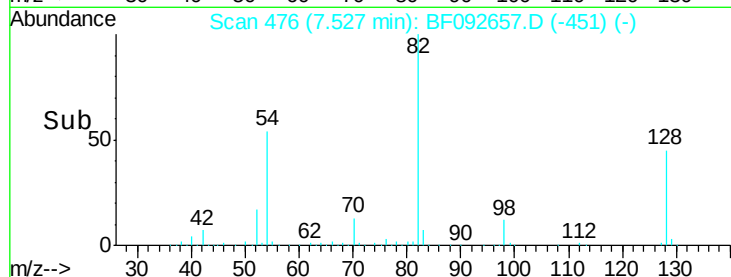
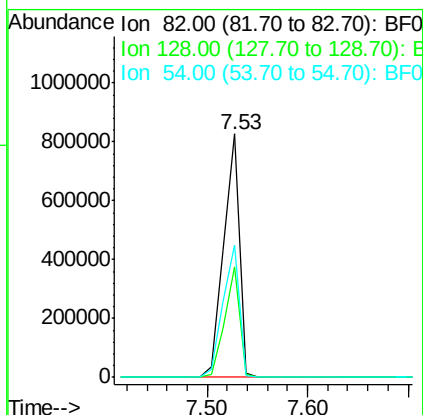
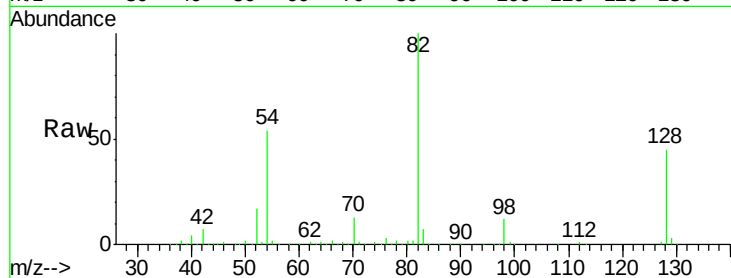




#23
 Nitrobenzene-d5
 Concen: 76.40 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

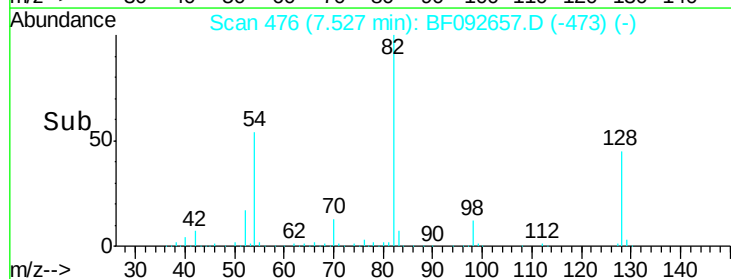
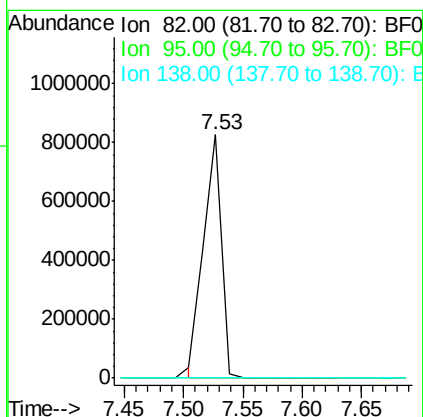
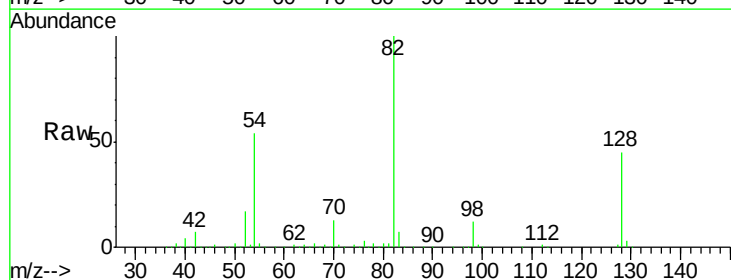
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

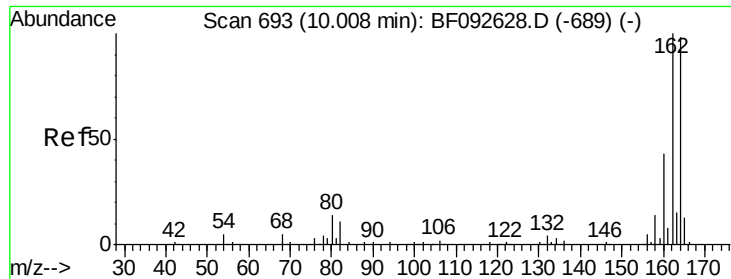
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	54.1	39.5	59.3



#25
 Isophorone
 Concen: 39.69 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.26 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

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

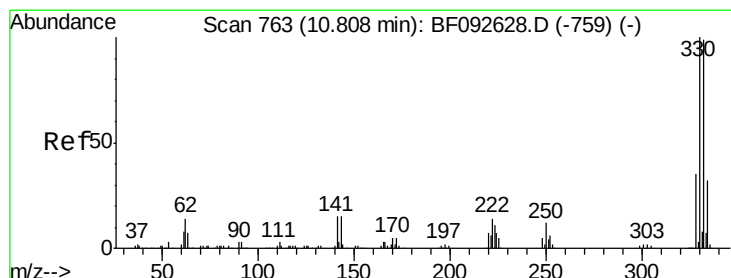
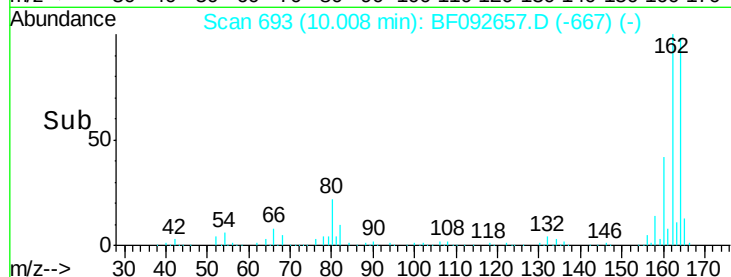
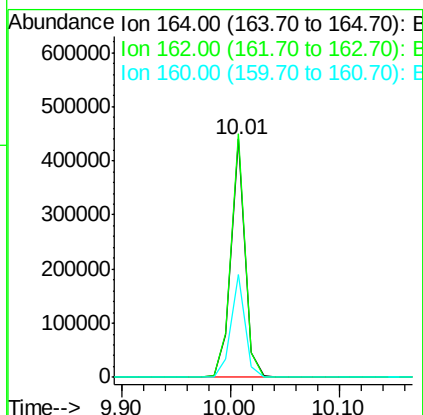
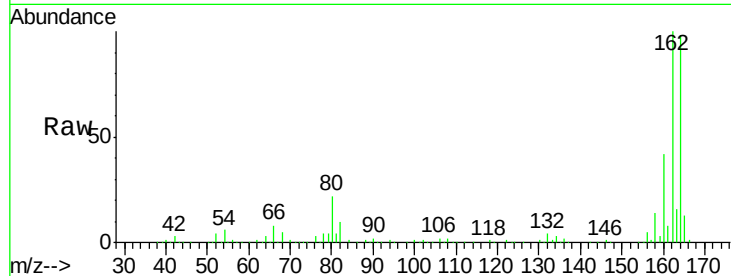




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

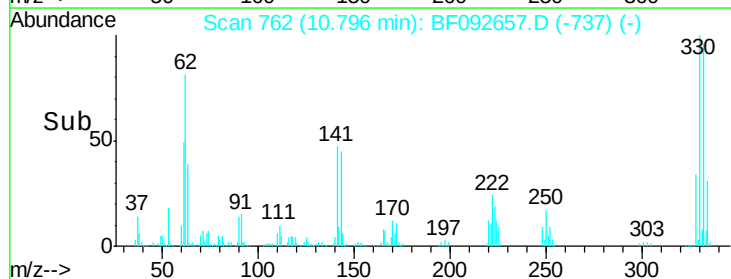
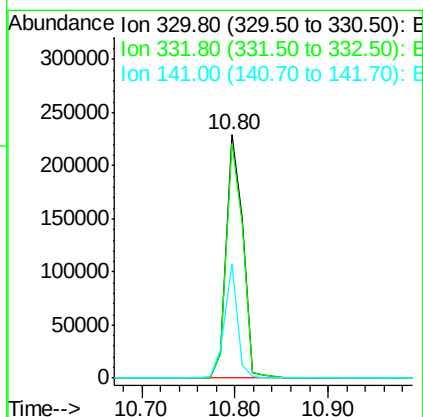
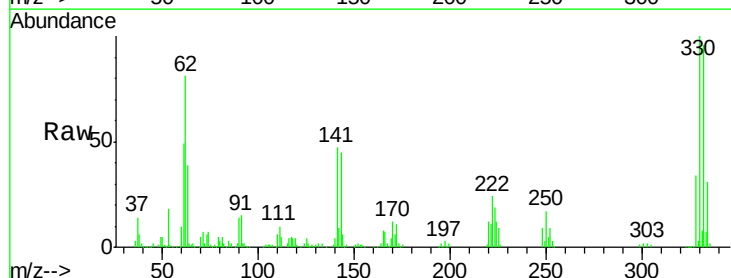
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

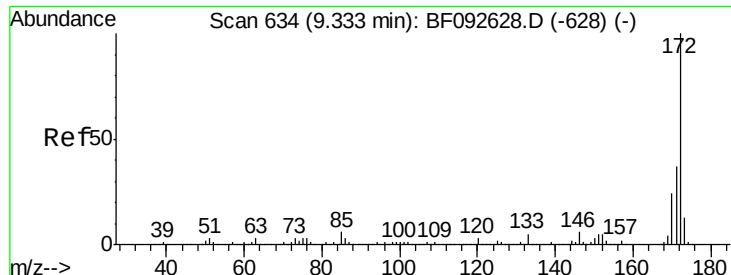
Tgt Ion:164 Resp: 392404
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 43.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 100.64 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Tgt Ion:330 Resp: 285628
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 36.7 34.1 51.1

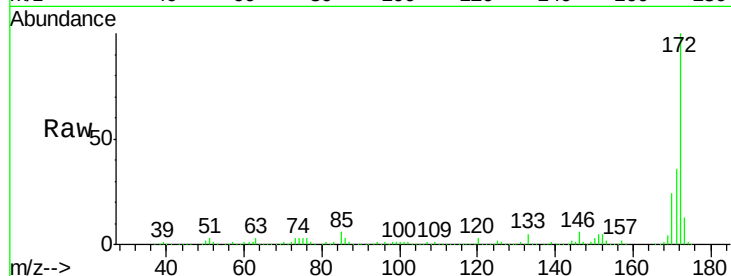




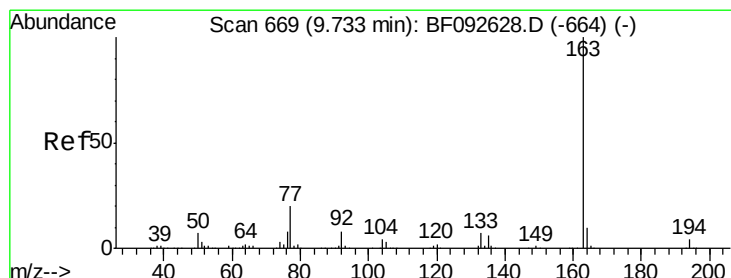
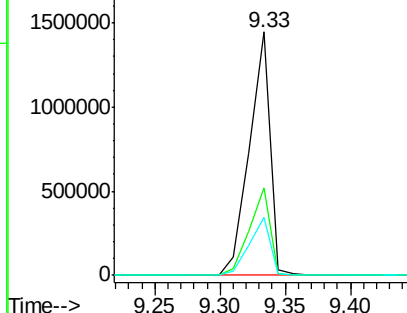
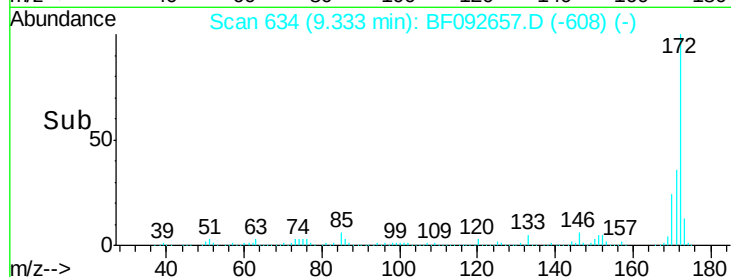
#44
 2-Fluorobiphenyl
 Concen: 73.69 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Tgt Ion:172 Resp: 1596182
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 20.2 30.4

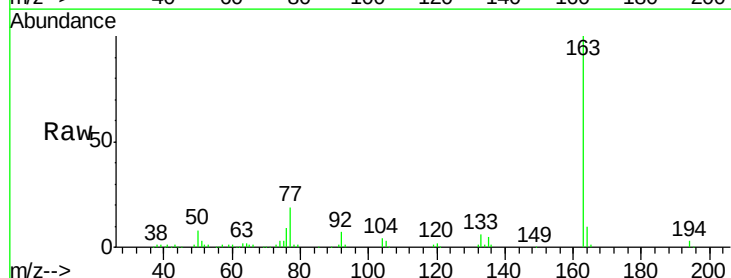


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

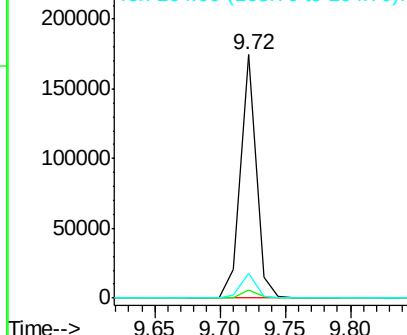
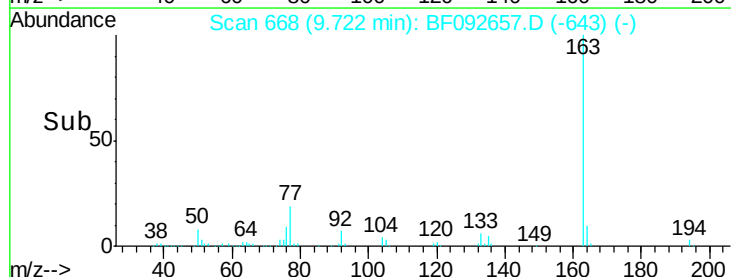


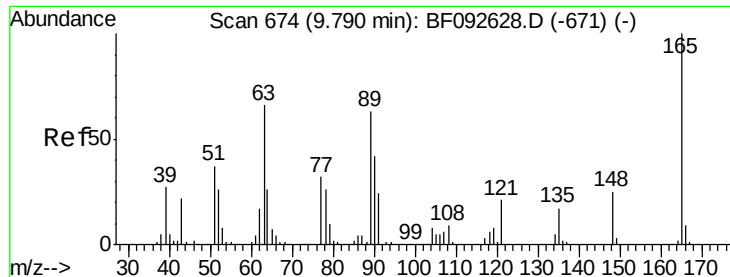
#49
 Dimethylphthalate
 Concen: 5.52 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Tgt Ion:163 Resp: 145872
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

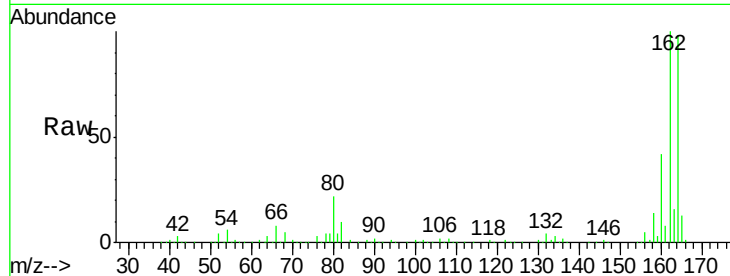




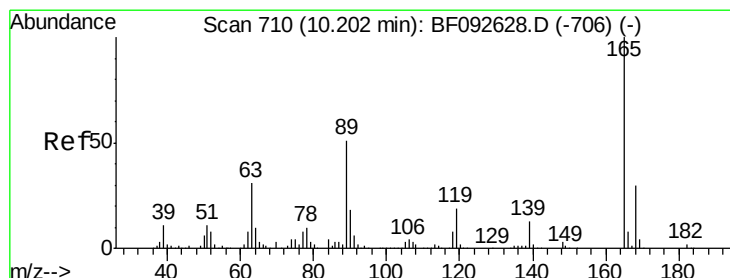
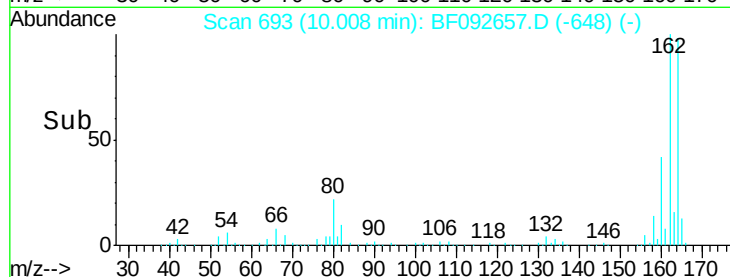
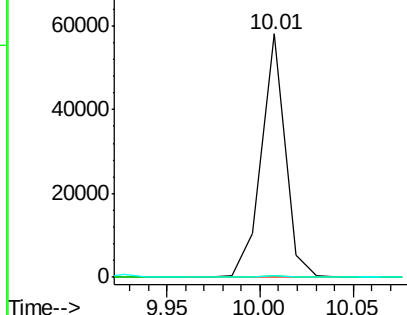
#50
 2,6-Dinitrotoluene
 Concen: 9.01 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Instrument :
 BNA_F
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 FK-EF-01-003-ABCD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.9	40.2	60.4#



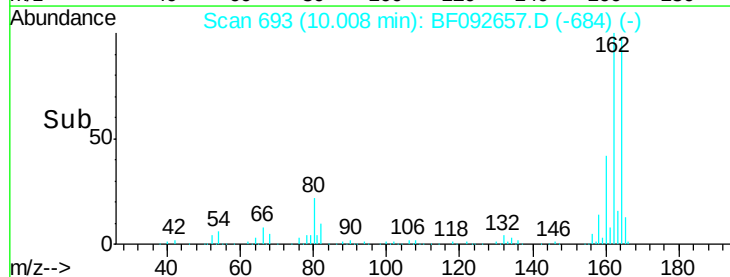
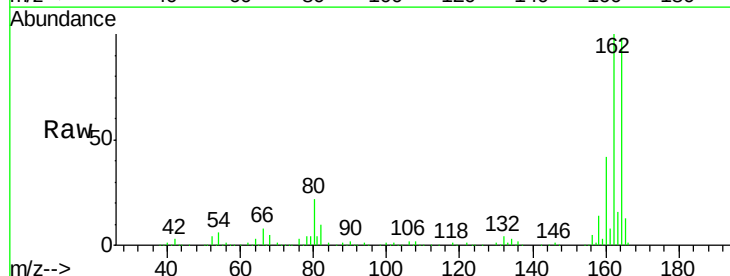
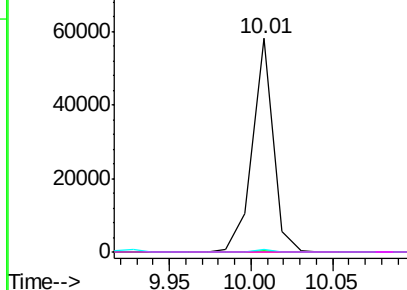
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

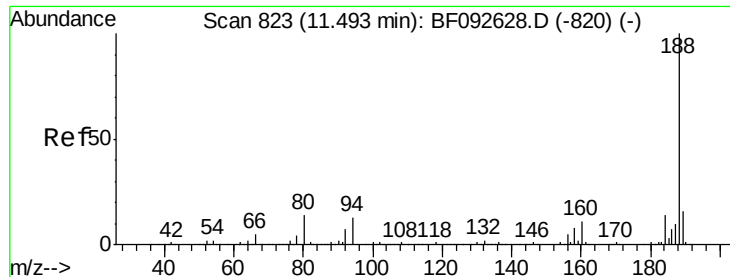


#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

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
 Ion 182.00 (181.70 to 182.70): E

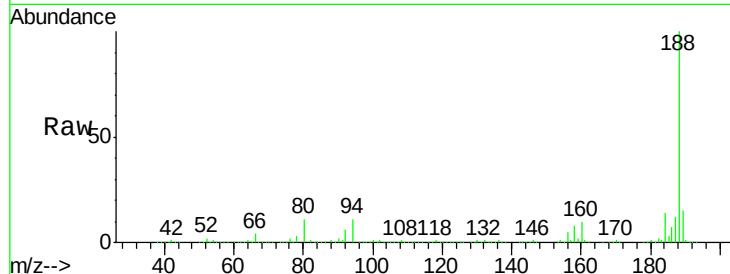




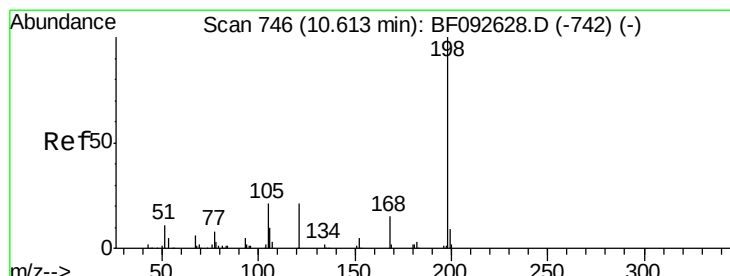
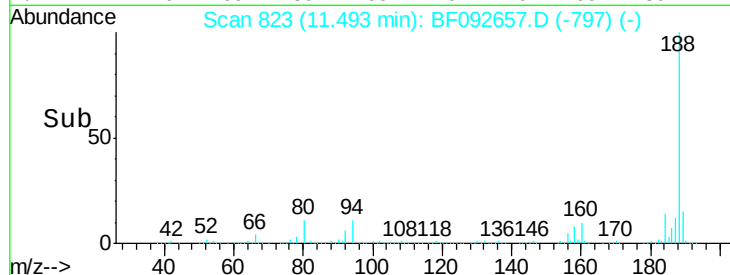
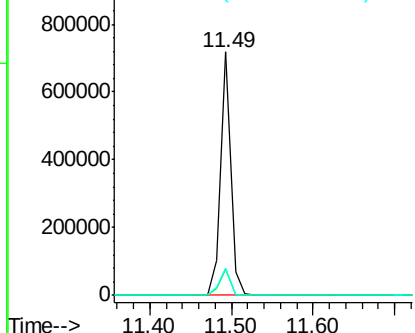
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCD

Tgt Ion:188 Resp: 621060
 Ion Ratio Lower Upper
 188 100
 94 10.5 10.0 15.0
 80 11.5 11.2 16.8

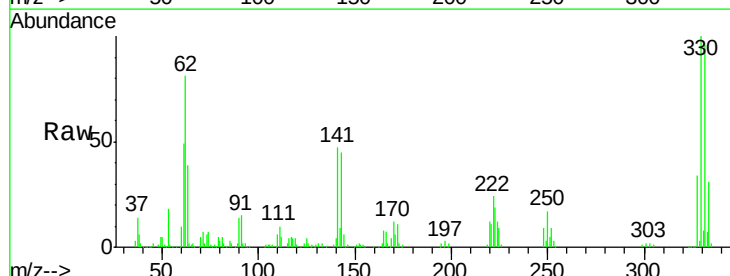


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

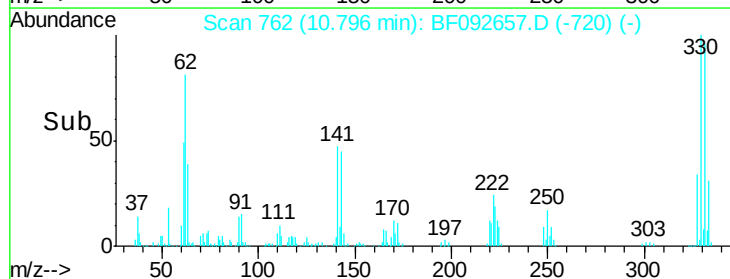
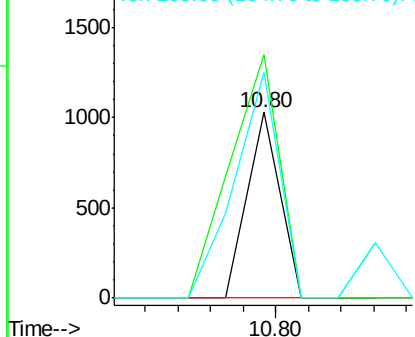


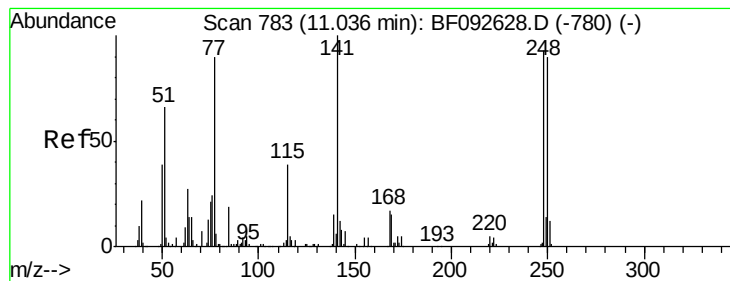
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.84 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.18 min
 Lab File: BF092657.D
 Acq: 31 Jan 2017 2:06

Tgt Ion:198 Resp: 705
 Ion Ratio Lower Upper
 198 100
 51 131.3 6.7 46.7#
 105 121.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.13 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

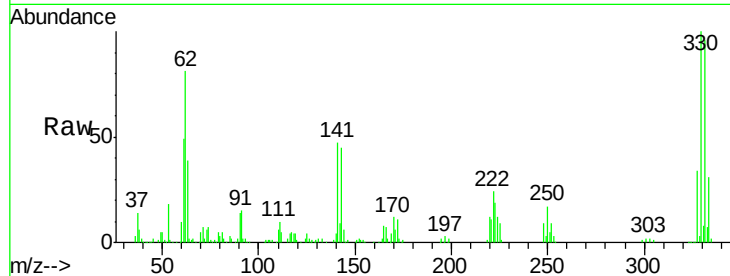
Tgt Ion:248 Resp: 20323

Ion Ratio Lower Upper

248 100

250 197.2 76.9 115.3#

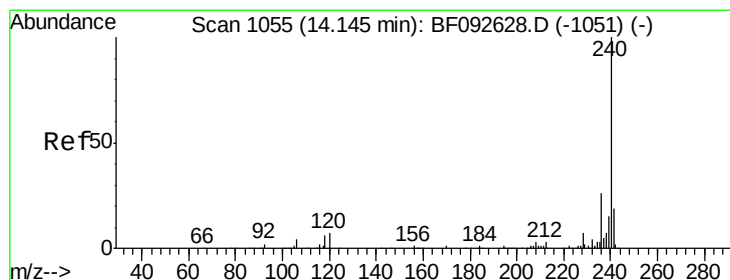
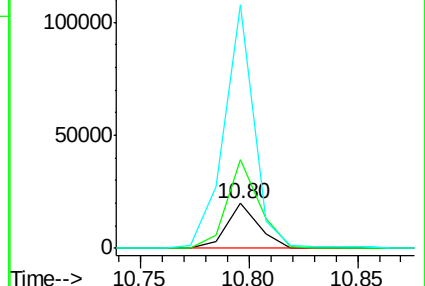
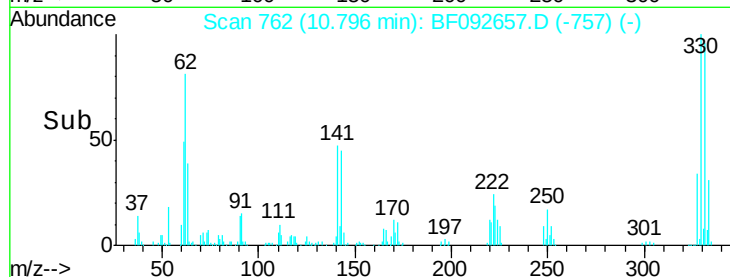
141 544.7 68.2 102.4#



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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

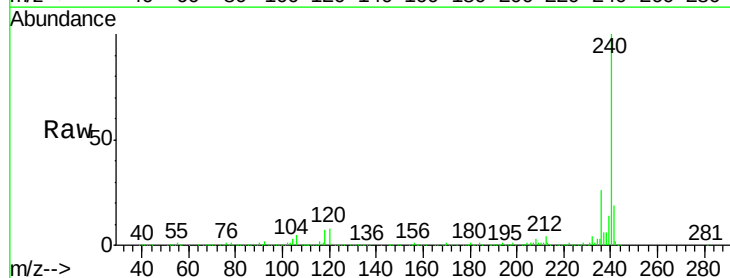
Tgt Ion:240 Resp: 400001

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

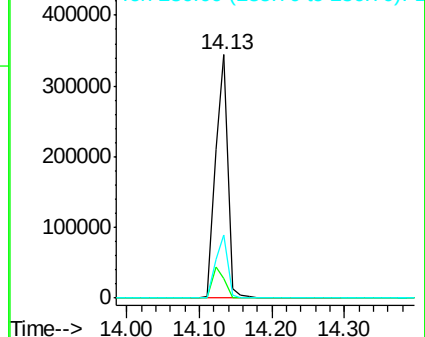
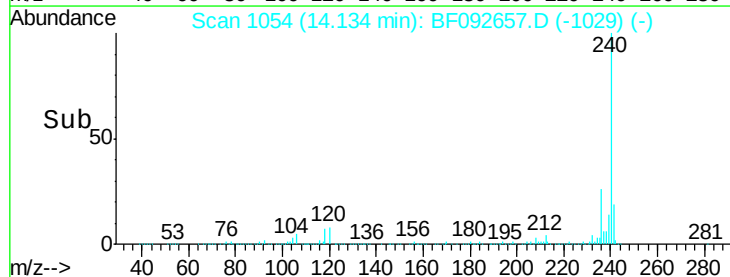
236 25.8 20.9 31.3

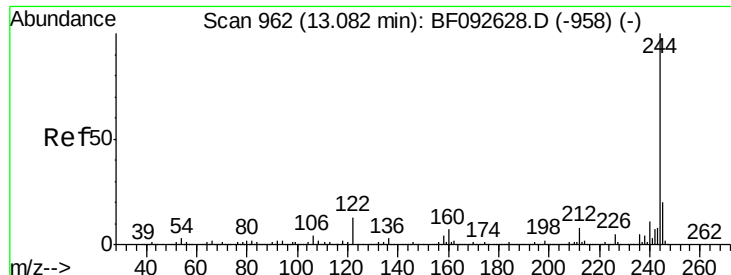


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.57 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCD

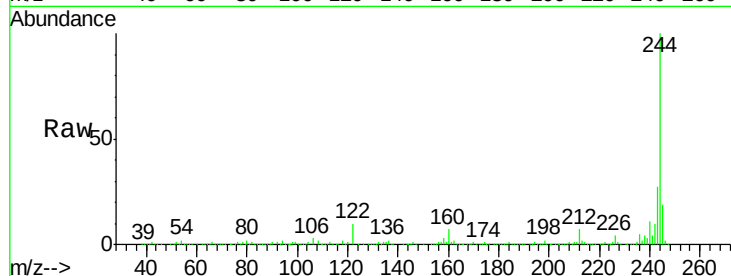
Tgt Ion:244 Resp: 1286436

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

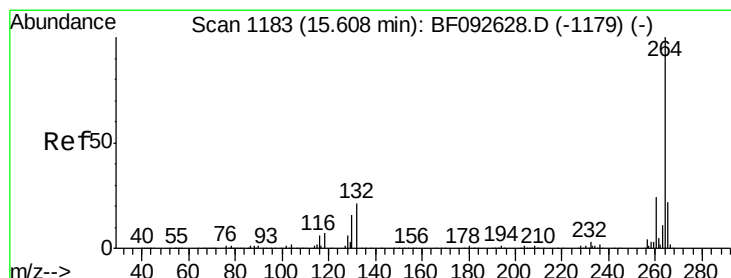
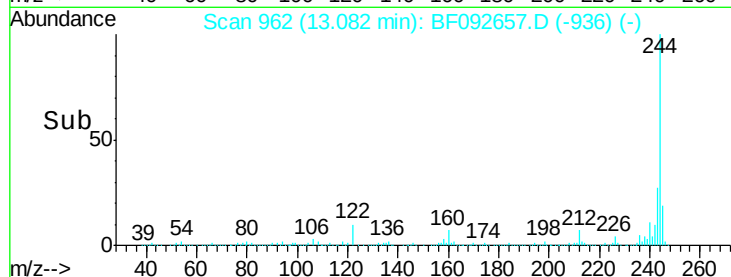
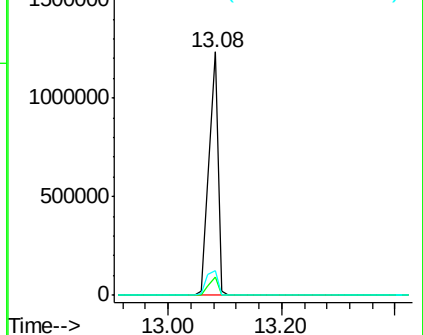
122 10.1 11.4 17.2#



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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092657.D

Acq: 31 Jan 2017 2:06

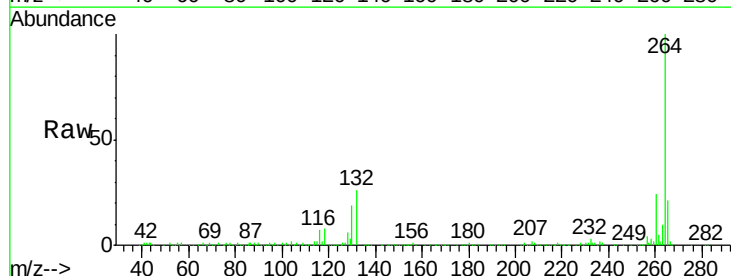
Tgt Ion:264 Resp: 334643

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 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

