

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085068.D
 Acq On : 13 Feb 2016 5:34
 Operator : SJ/IZ
 Sample : H1396-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(20-22)

Quant Time: Feb 13 06:33:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

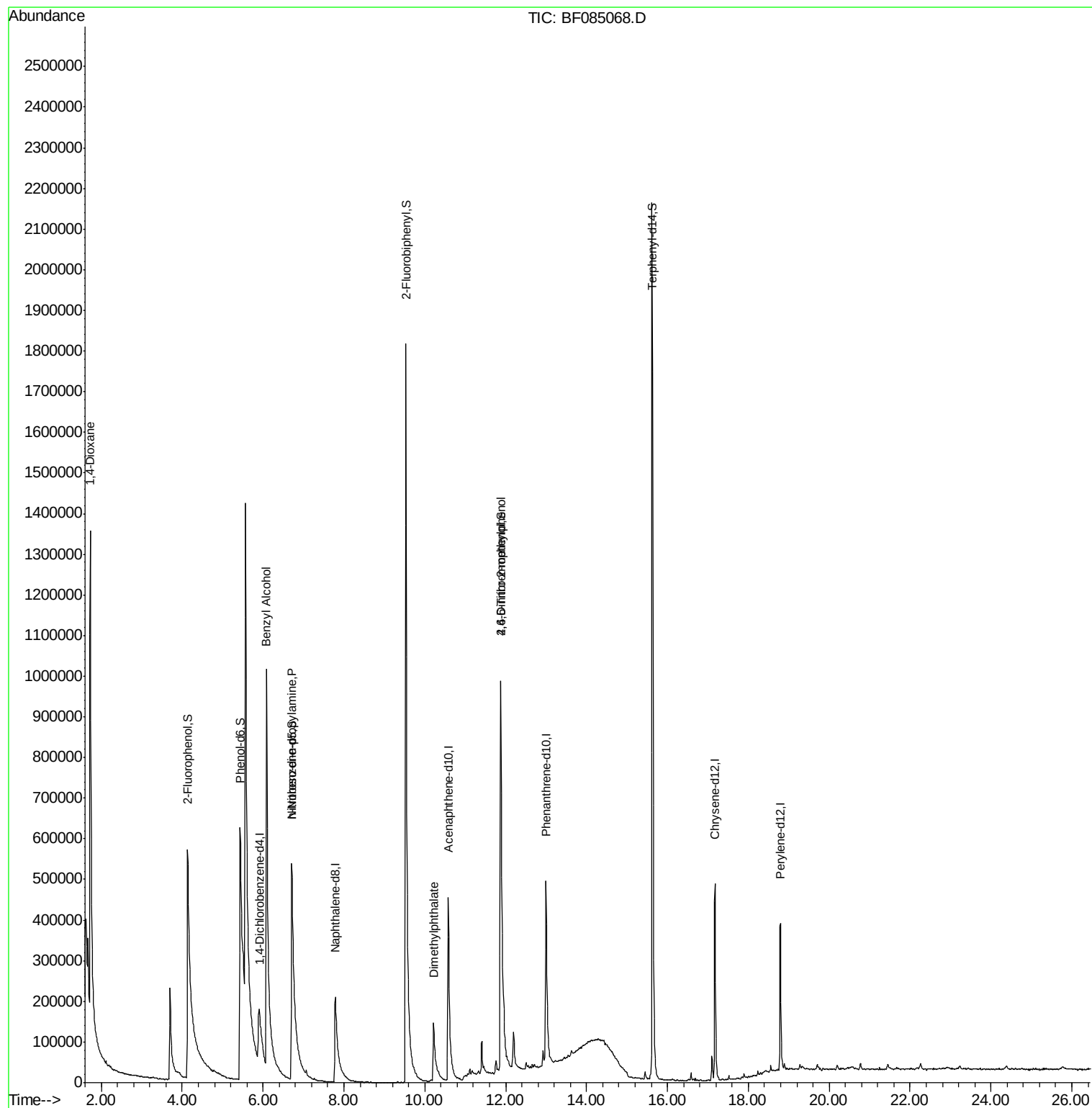
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	129009	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	588894	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	291711	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	530138	20.00	ng	0.00
75) Chrysene-d12	17.18	240	376799	20.00	ng	0.00
86) Perylene-d12	18.80	264	273441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1019440	138.17	ng	-0.02
7) Phenol-d6	5.43	99	1471350	149.63	ng	-0.01
23) Nitrobenzene-d5	6.71	82	952039	95.47	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	420692	139.63	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1742617	85.39	ng	0.00
78) Terphenyl-d14	15.62	244	1430611	78.14	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	76096	25.04	ng	# 15
11) bis(2-Chloroethyl)ether	5.56	93	973	Below Cal		# 1
15) Benzyl Alcohol	6.08	79	16632	2.77	ng	# 52
19) n-Nitroso-di-n-propylamine	6.71	70	89891	14.51	ng	# 72
49) Dimethylphthalate	10.22	163	284007	12.99	ng	99
64) 4,6-Dinitro-2-methylphenol	11.89	198	259	5.10	ng	# 1

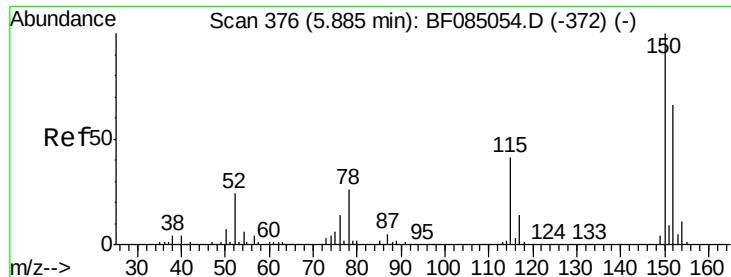
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.02 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

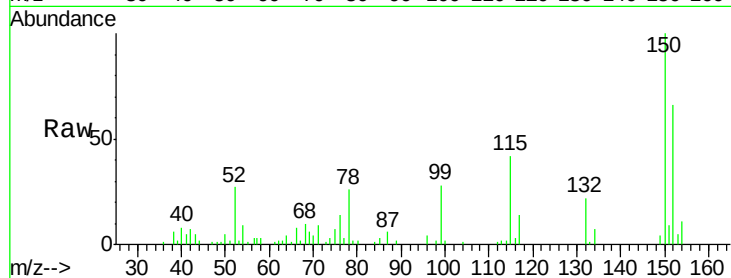
Tgt Ion:152 Resp: 129009

Ion Ratio Lower Upper

152 100

150 151.2 127.4 191.2

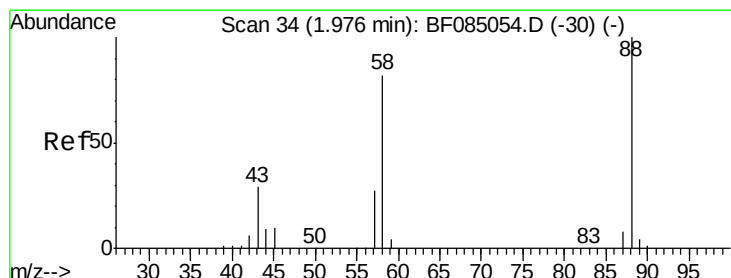
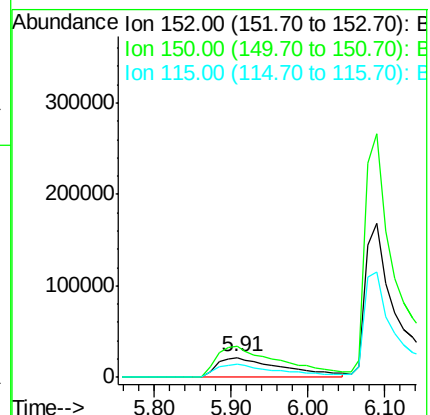
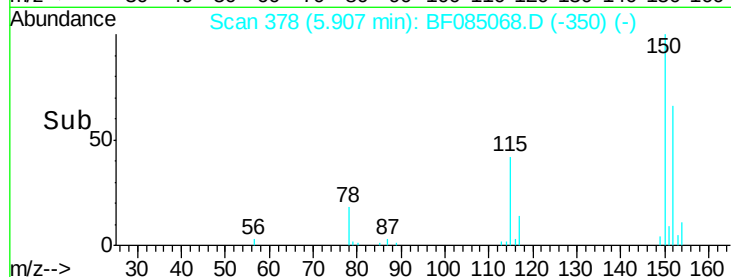
115 64.1 50.5 75.7



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: 25.04 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

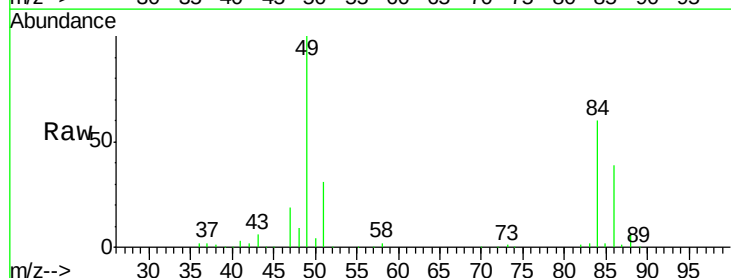
Tgt Ion: 88 Resp: 76096

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

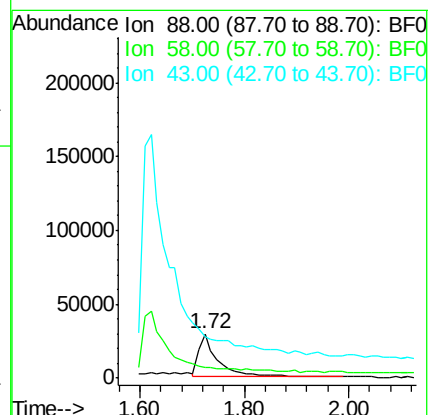
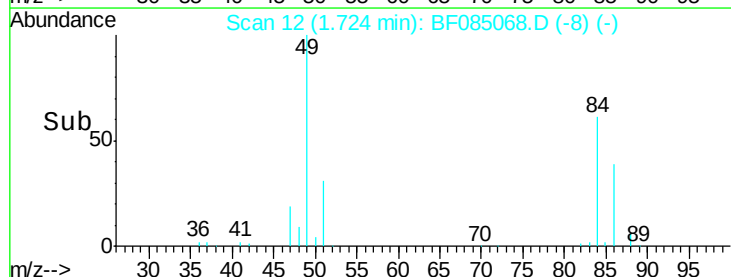
43 0.0 25.9 38.9#

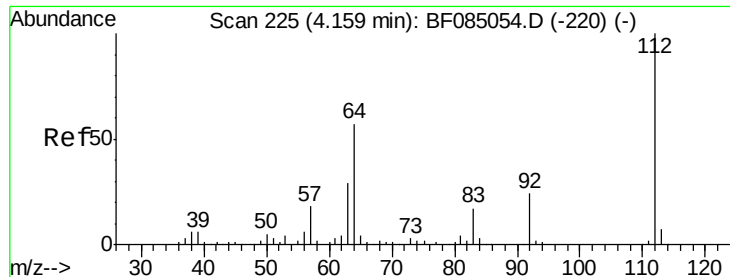


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

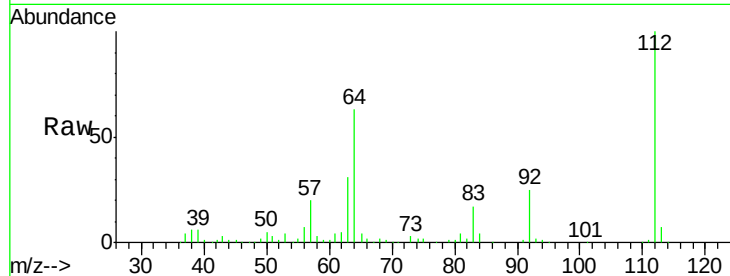




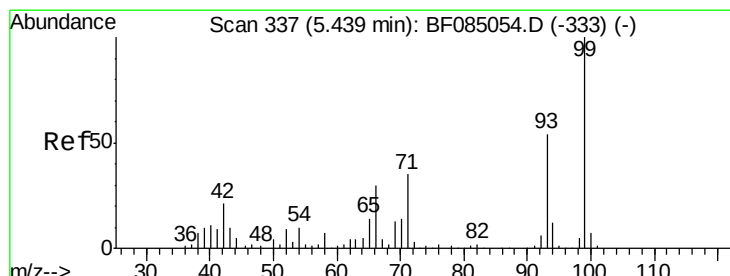
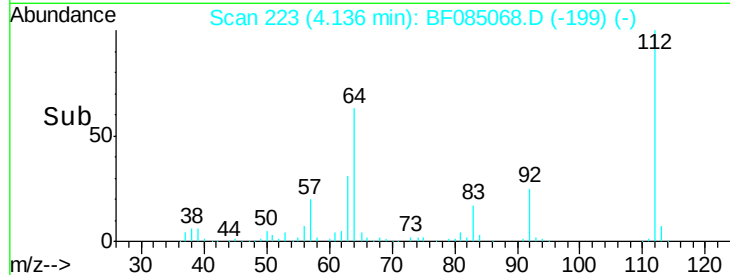
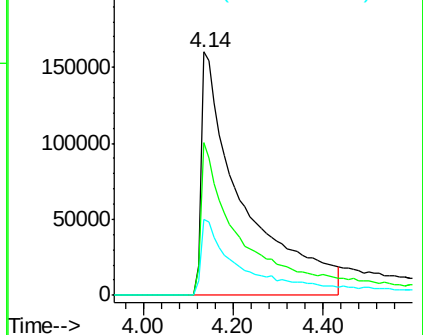
#5
 2-Fluorophenol
 Concen: 138.17 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(20-22)

Tgt Ion: 112 Resp: 1019440
 Ion Ratio Lower Upper
 112 100
 64 62.9 45.4 68.2
 63 31.2 23.2 34.8

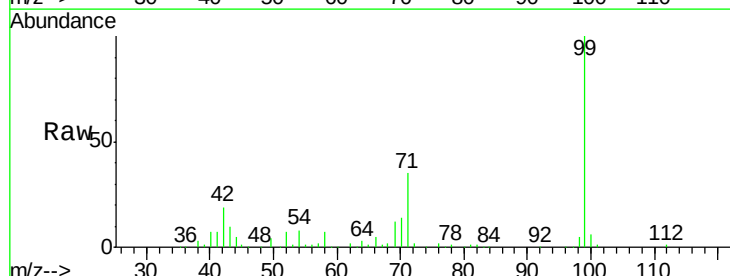


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

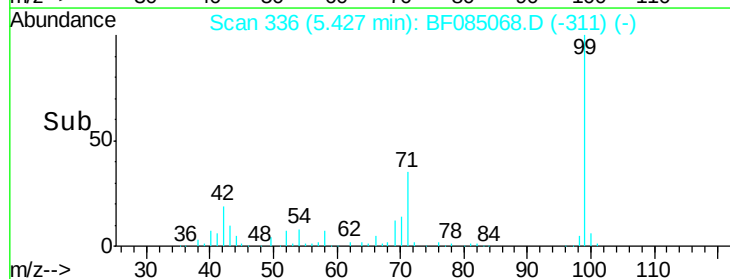
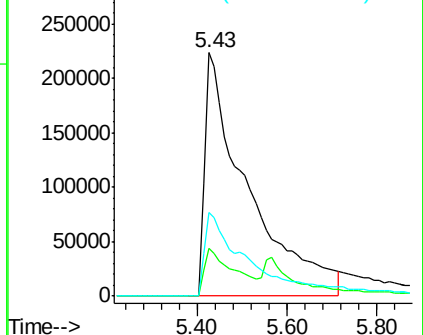


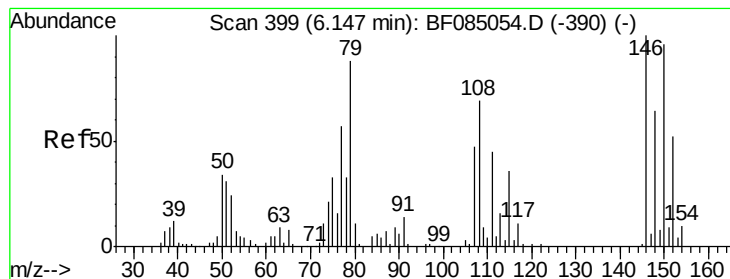
#7
 Phenol-d6
 Concen: 149.63 ng
 RT: 5.43 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Tgt Ion: 99 Resp: 1471350
 Ion Ratio Lower Upper
 99 100
 42 19.4 17.0 25.4
 71 34.5 28.3 42.5



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: 2.77 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.07 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

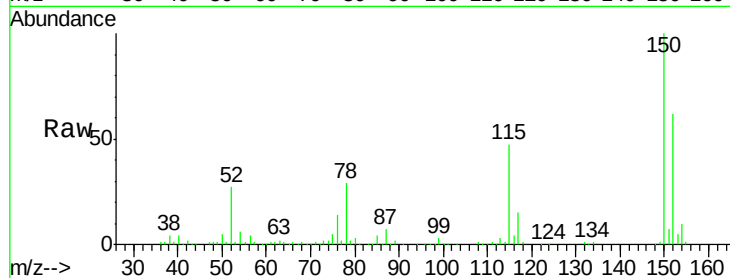
Tgt Ion: 79 Resp: 16632

Ion Ratio Lower Upper

79 100

108 25.9 63.4 95.0#

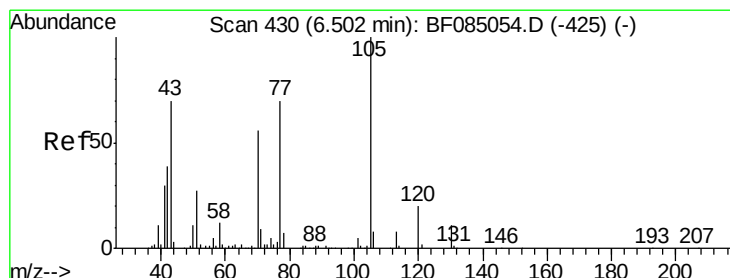
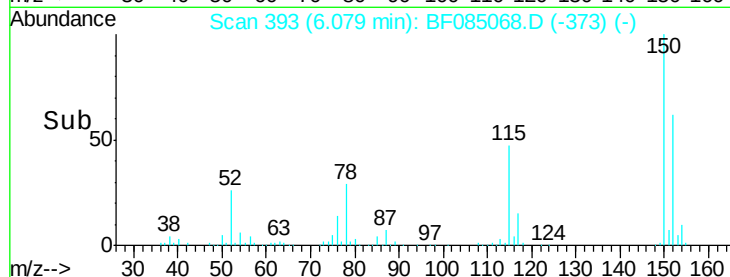
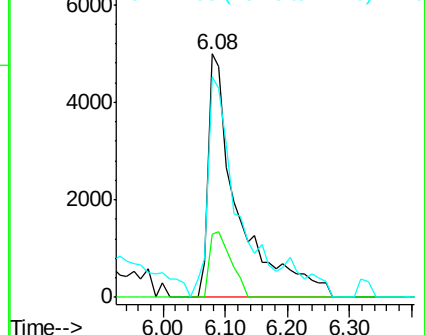
77 90.7 51.8 77.6#



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: 14.51 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.21 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Tgt Ion: 70 Resp: 89891

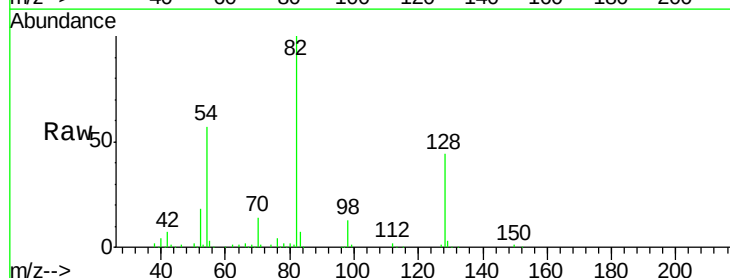
Ion Ratio Lower Upper

70 100

42 49.4 55.8 83.6#

101 0.0 7.7 11.5#

130 2.0 15.4 23.2#

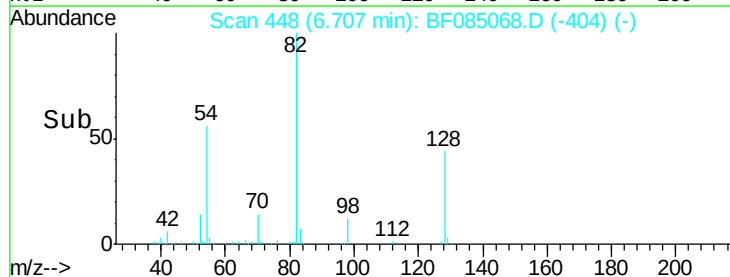
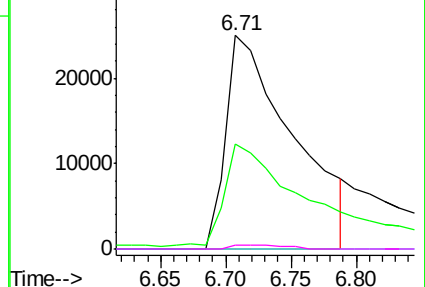


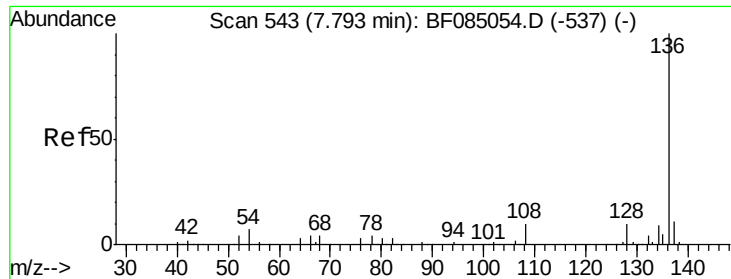
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

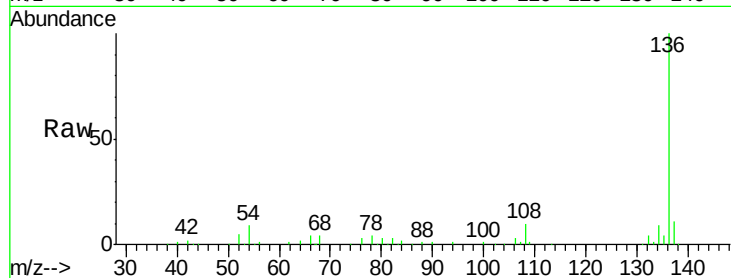




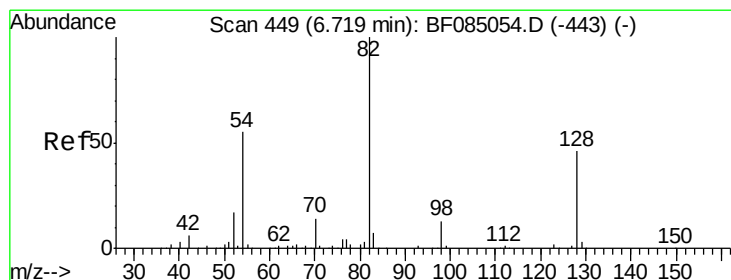
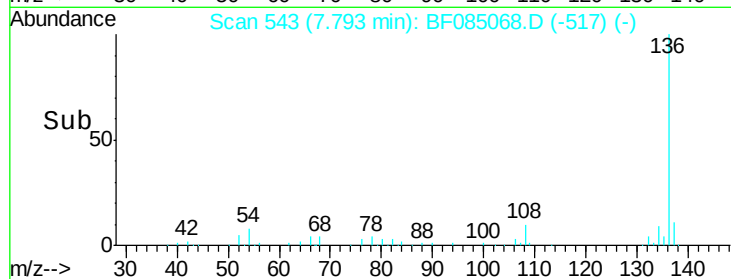
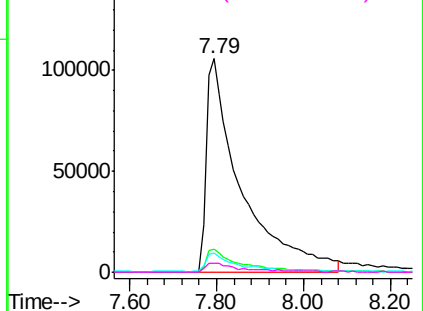
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085068.D
Acq: 13 Feb 2016 5:34

Instrument :
BNA_F
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SUP-B001(20-22)

Tgt Ion:	136	Resp:	588894
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.1	9.1
68	4.3	3.5	5.3

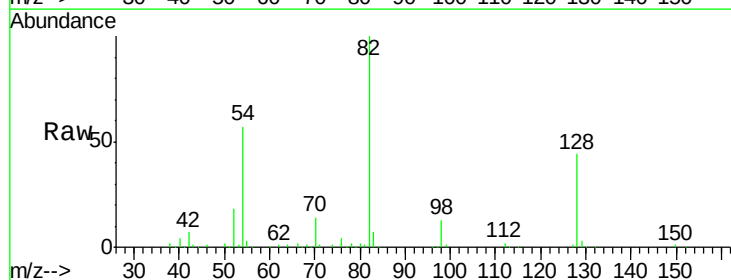


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

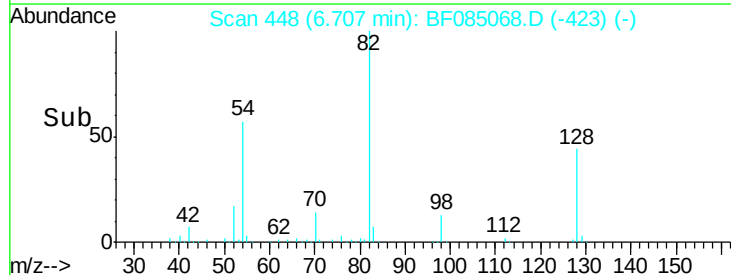
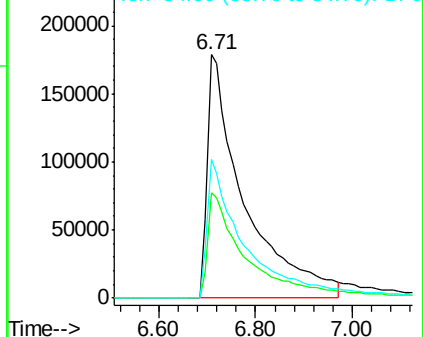


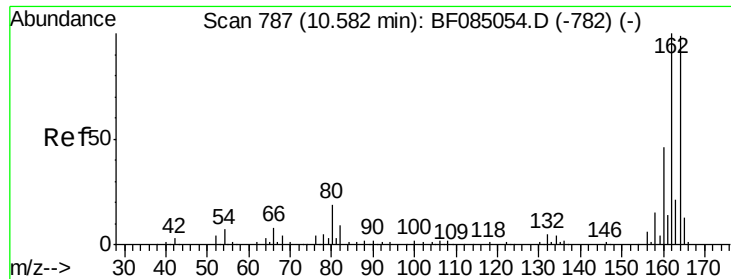
#23
Nitrobenzene-d5
Concen: 95.47 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085068.D
Acq: 13 Feb 2016 5:34

Tgt Ion:	82	Resp:	952039
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.8	55.2
54	56.9	44.4	66.6



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

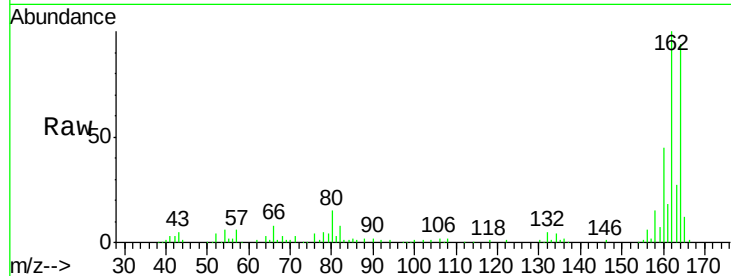




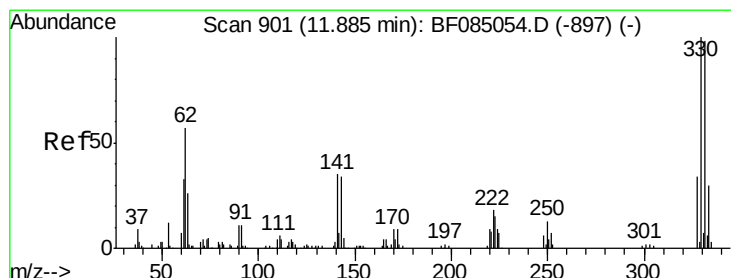
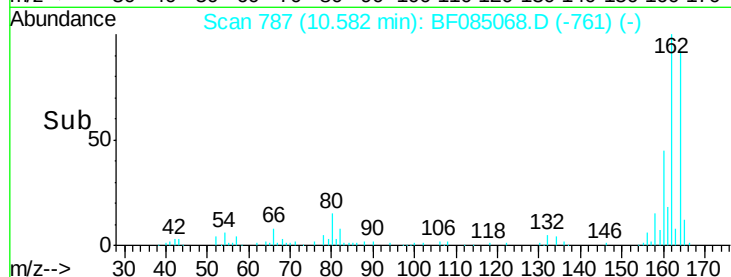
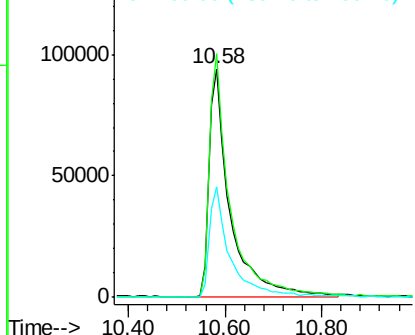
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Instrument :
 BNA_F
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 SUP-B001(20-22)

Tgt Ion:164 Resp: 291711
 Ion Ratio Lower Upper
 164 100
 162 106.6 81.1 121.7
 160 48.3 37.4 56.0

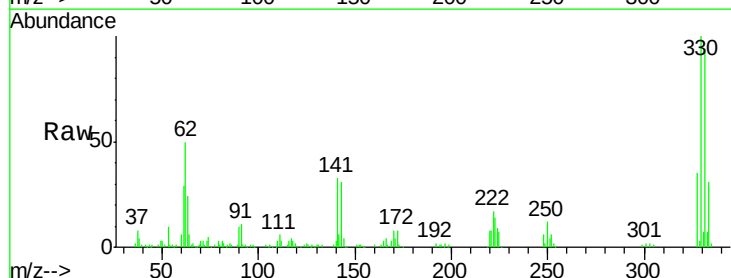


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

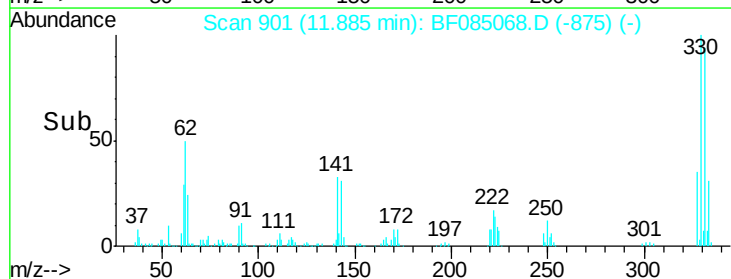
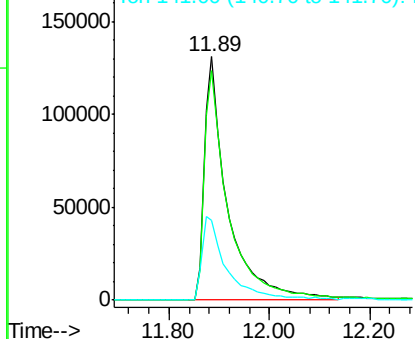


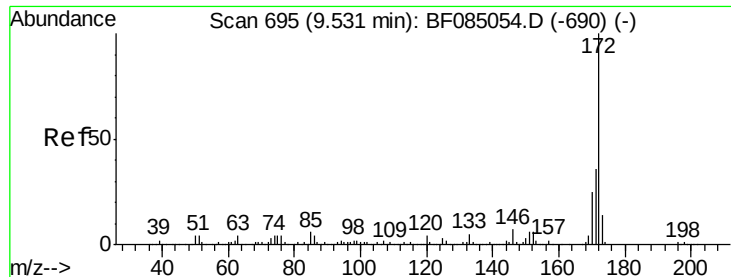
#41
 2,4,6-Tribromophenol
 Concen: 139.63 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Tgt Ion:330 Resp: 420692
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.5 117.7
 141 37.1 28.6 42.8



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

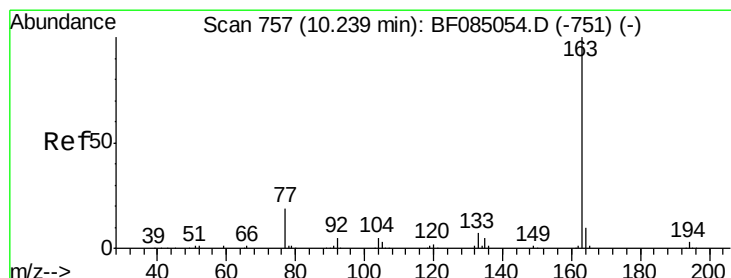
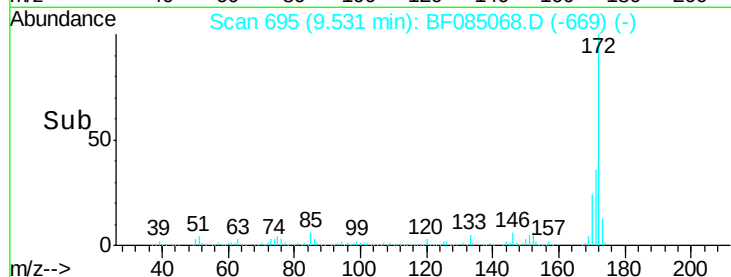
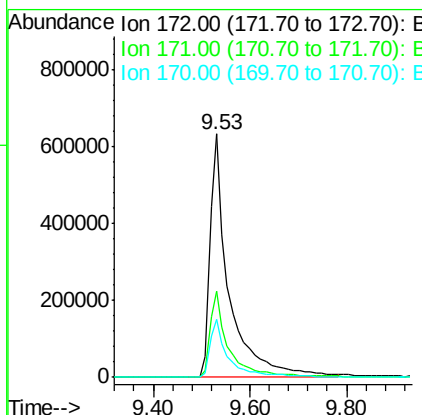
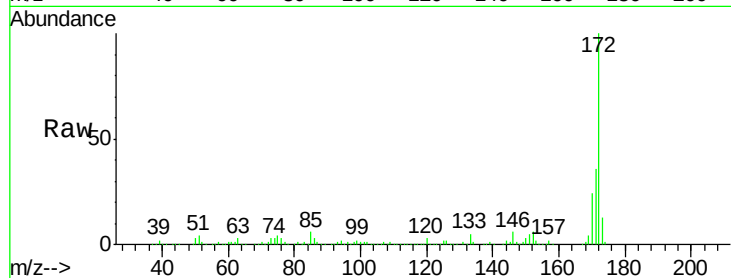




#44
2-Fluorobiphenyl
Concen: 85.39 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF085068.D
Acq: 13 Feb 2016 5:34

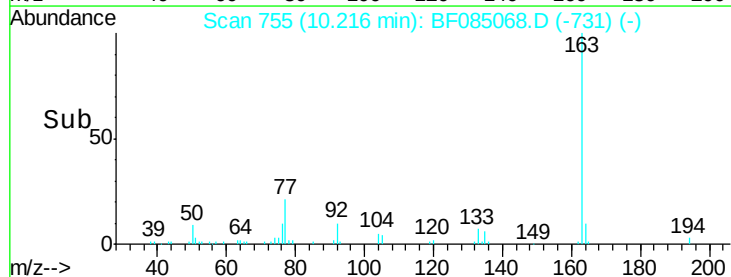
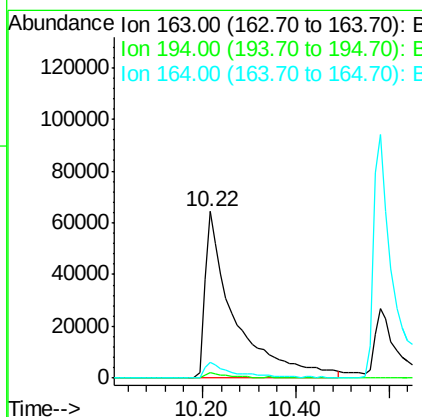
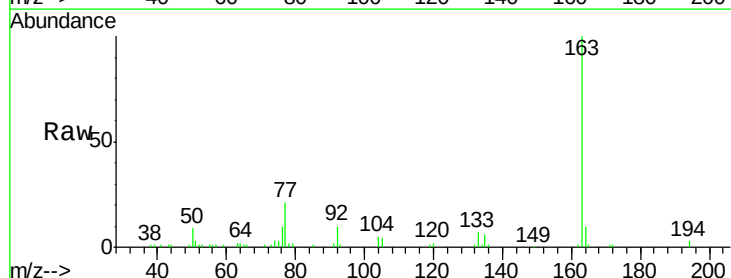
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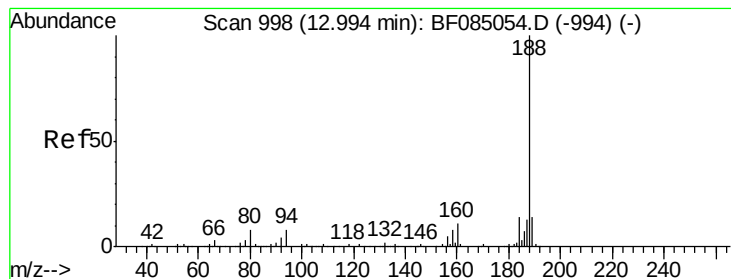
Tgt Ion:172 Resp: 1742617
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 12.99 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF085068.D
Acq: 13 Feb 2016 5:34

Tgt Ion:163 Resp: 284007
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.6 7.8 11.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.99 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

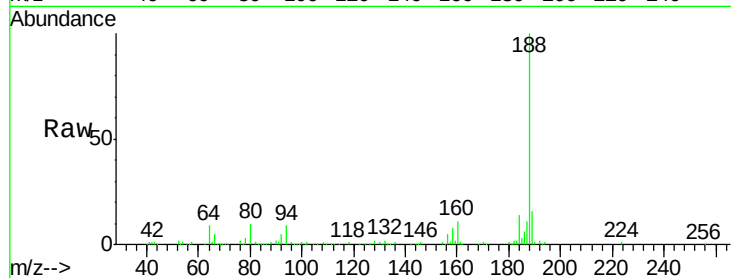
Tgt Ion:188 Resp: 530138

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

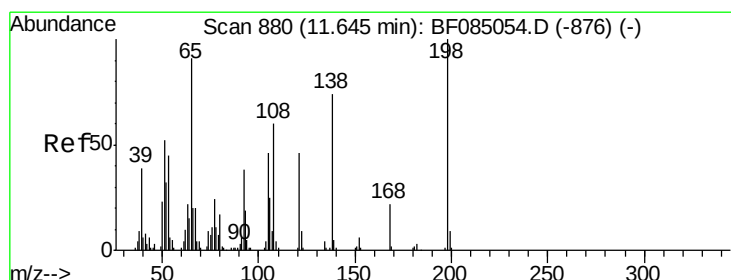
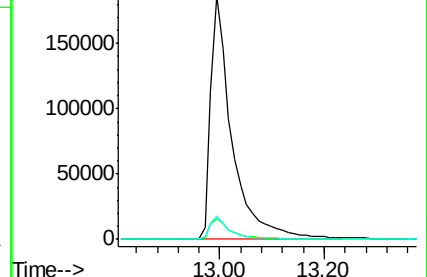
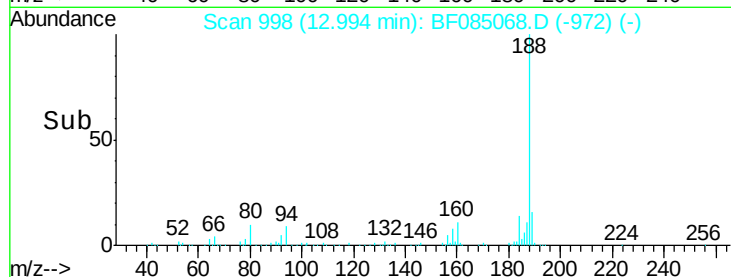
80 9.5 6.6 9.8



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: 5.10 ng

RT: 11.89 min Scan# 901

Delta R.T. 0.24 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

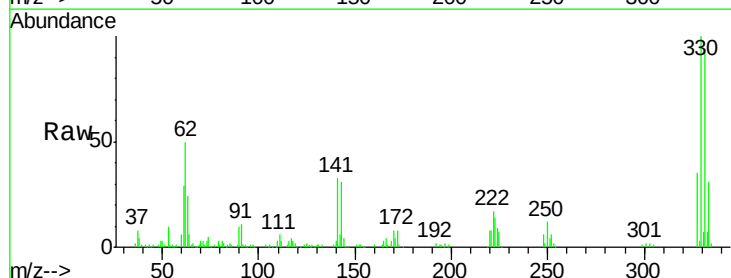
Tgt Ion:198 Resp: 259

Ion Ratio Lower Upper

198 100

51 184.1 34.5 74.5#

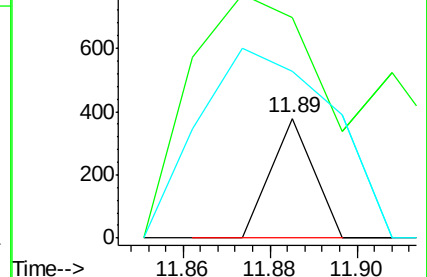
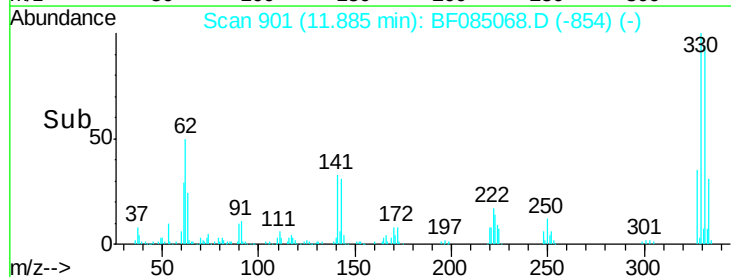
105 139.4 26.2 66.2#

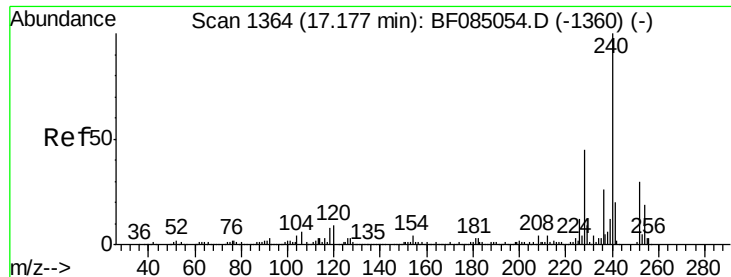


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

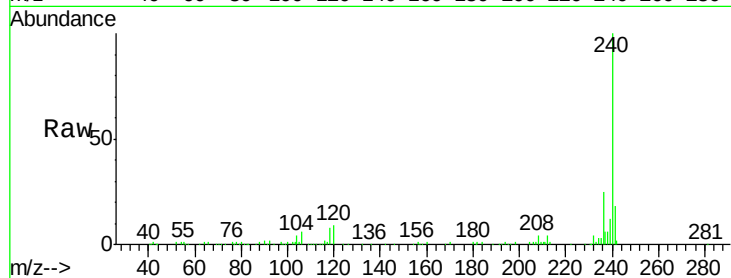
Tgt Ion:240 Resp: 376799

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

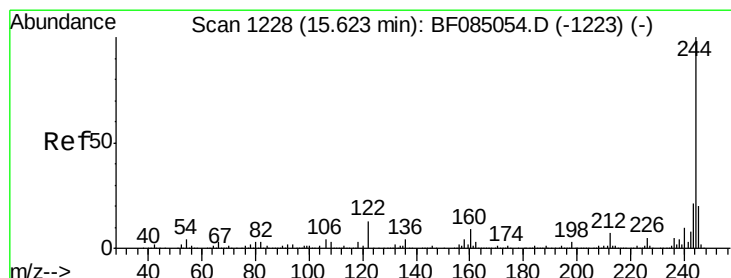
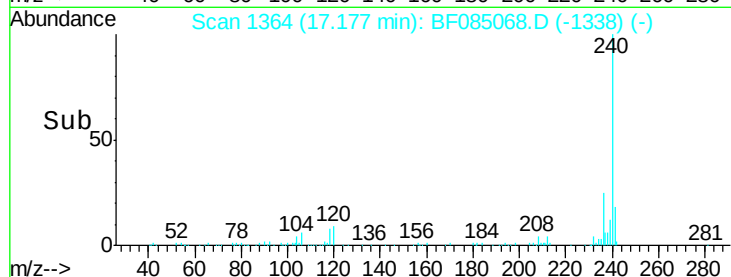
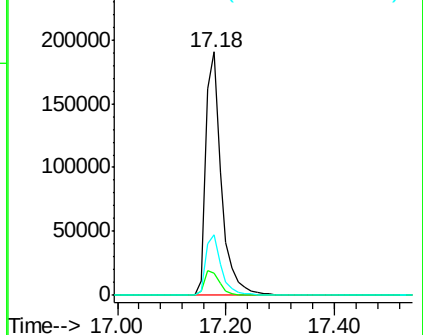
236 25.0 20.5 30.7



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: 78.14 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

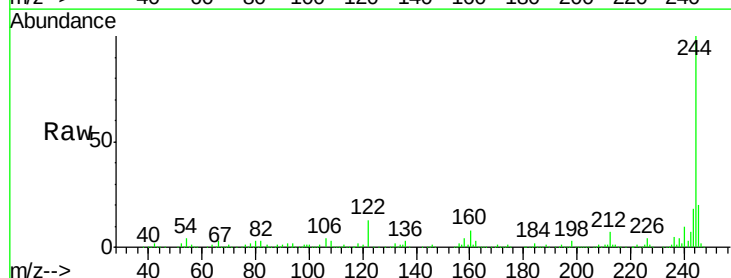
Tgt Ion:244 Resp: 1430611

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

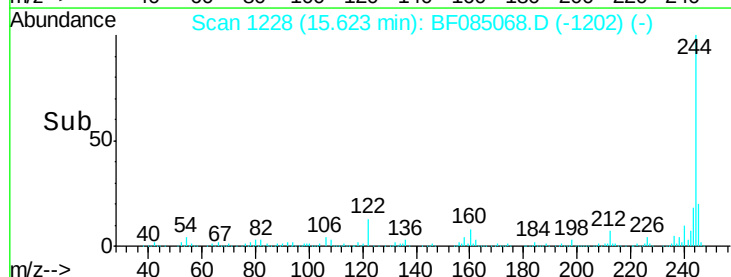
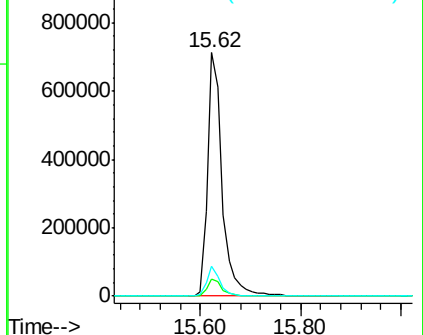
122 12.5 10.1 15.1

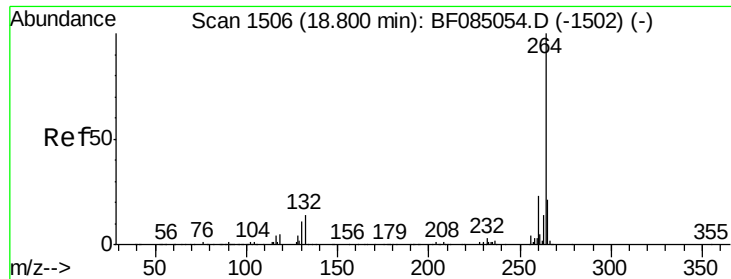


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

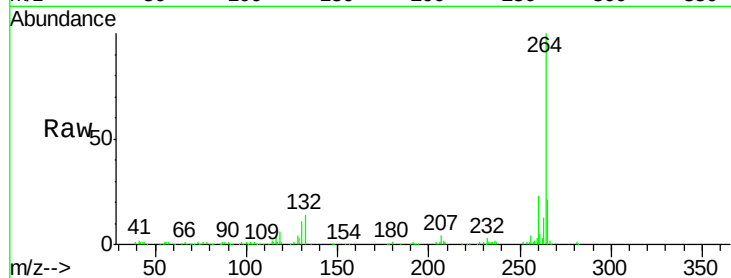




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085068.D
Acq: 13 Feb 2016 5:34

Instrument :
BNA_F
ClientSampleId :
SUP-B001(20-22)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	20.8	16.7	25.1



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

