

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085076.D
 Acq On : 13 Feb 2016 10:16
 Operator : SJ/IZ
 Sample : H1409-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

Quant Time: Feb 15 00:58:03 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

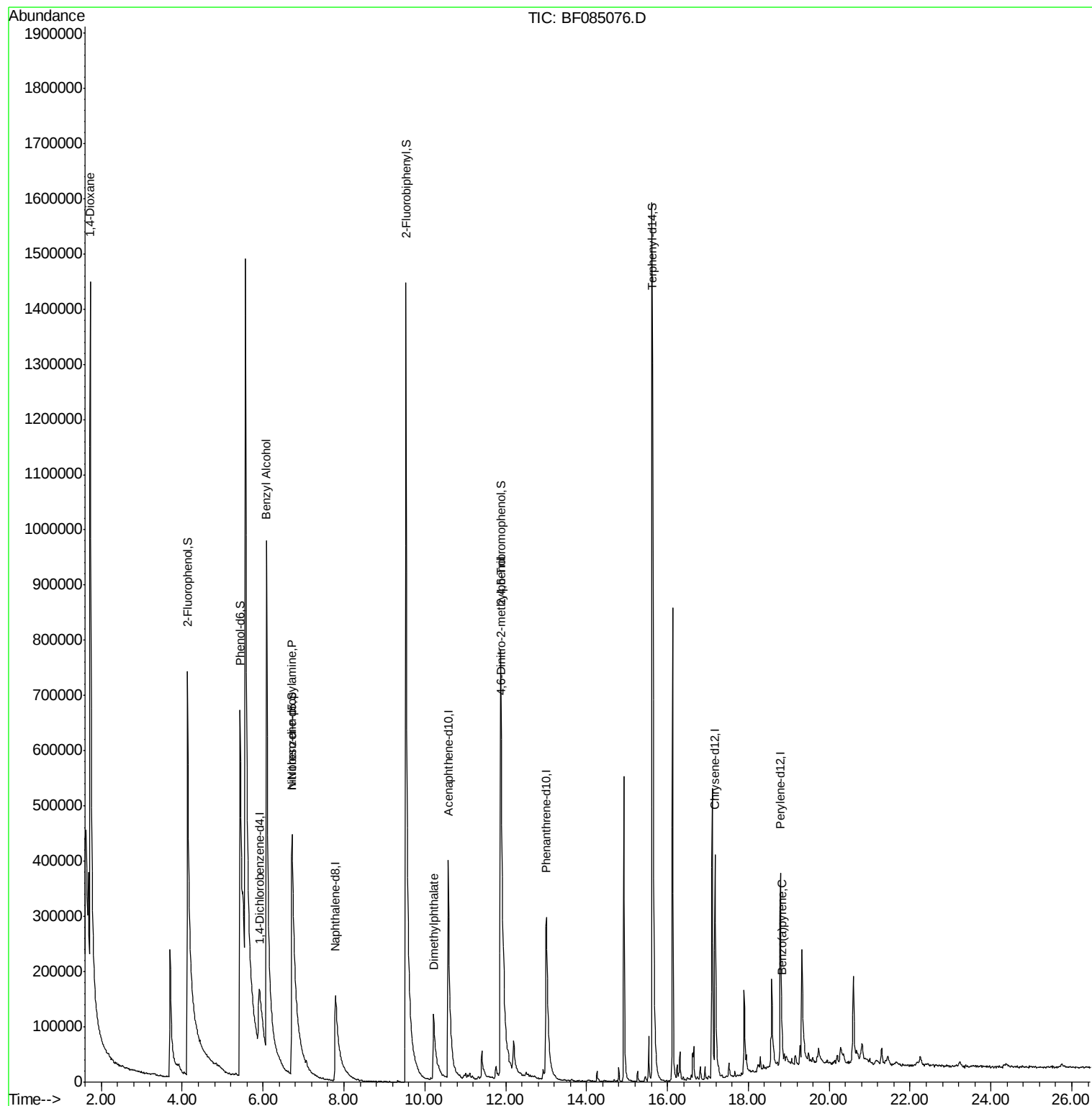
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	119596	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	552515	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	270704	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	502916	20.00	ng	0.01
75) Chrysene-d12	17.18	240	320598	20.00	ng	0.00
86) Perylene-d12	18.80	264	268964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1084217	158.52	ng	-0.02
7) Phenol-d6	5.43	99	1542476	169.21	ng	-0.01
23) Nitrobenzene-d5	6.72	82	965640	103.21	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	406777	145.49	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1612734	85.16	ng	0.00
78) Terphenyl-d14	15.62	244	1222234	78.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	78330	27.80	ng	# 15
11) bis(2-Chloroethyl)ether	5.56	93	839	Below Cal		# 1
15) Benzyl Alcohol	6.08	79	16464	2.96	ng	# 46
19) n-Nitroso-di-n-propylamine	6.72	70	80865	14.08	ng	# 73
49) Dimethylphthalate	10.22	163	267872	13.20	ng	99
64) 4,6-Dinitro-2-methylphenol	11.90	198	209	5.09	ng	# 1
89) Benzo(a)pyrene	18.83	252	36162	2.43	ng	# 93

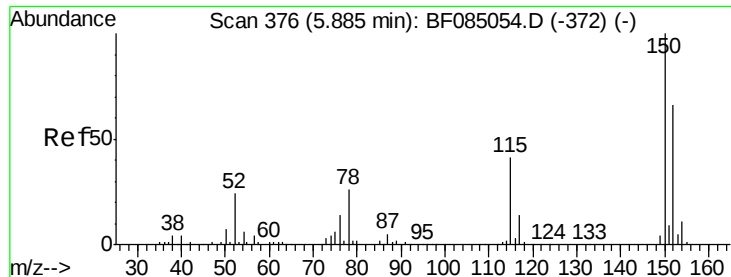
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085076.D
Acq On : 13 Feb 2016 10:16
Operator : SJ/IZ
Sample : H1409-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B039(9-11)

Quant Time: Feb 15 00:58:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.02 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

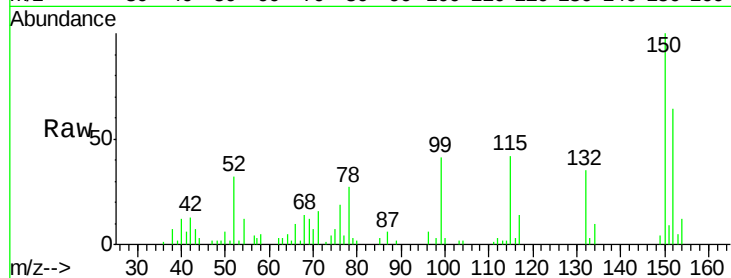
Tgt Ion:152 Resp: 119596

Ion Ratio Lower Upper

152 100

150 155.1 127.4 191.2

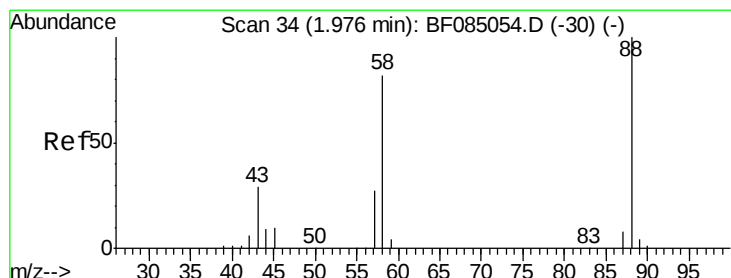
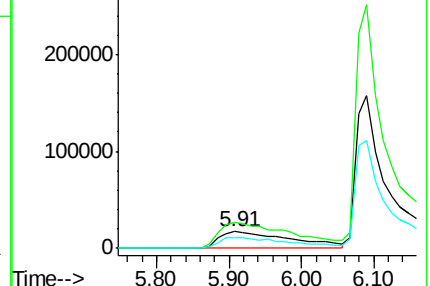
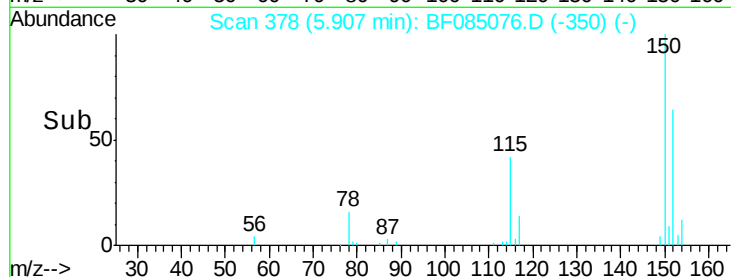
115 65.6 50.5 75.7



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: 27.80 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

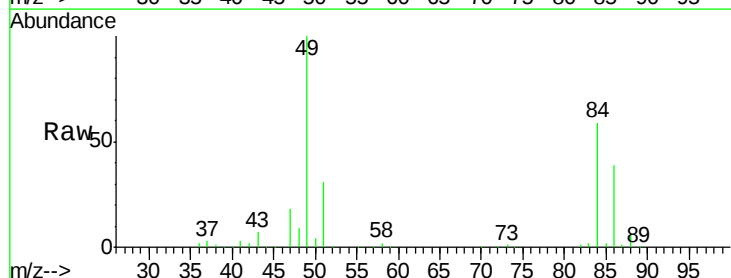
Tgt Ion: 88 Resp: 78330

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

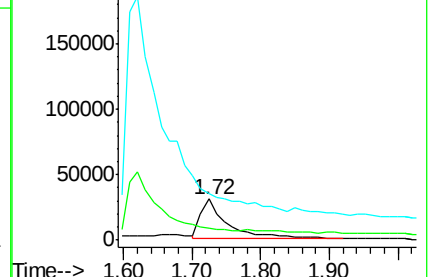
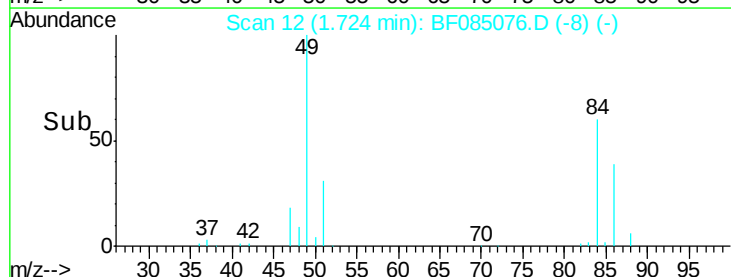
43 0.0 25.9 38.9#

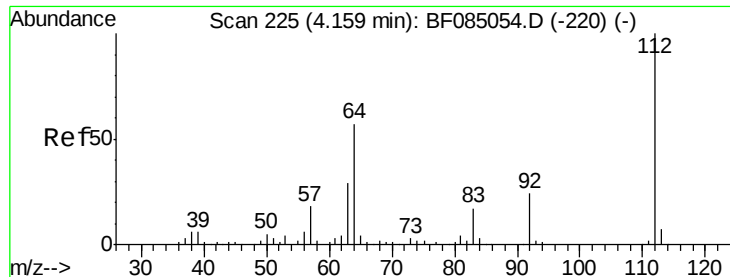


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

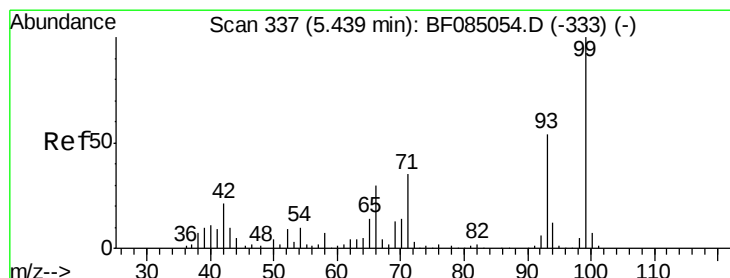
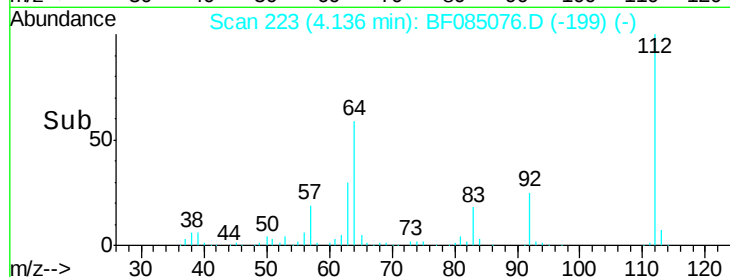
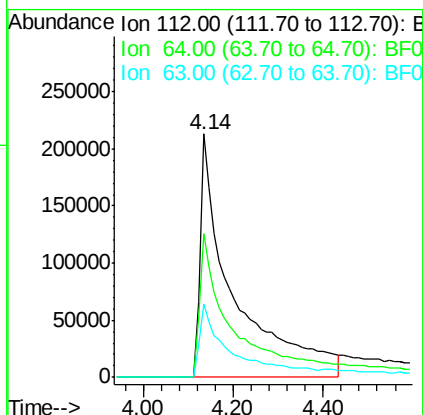
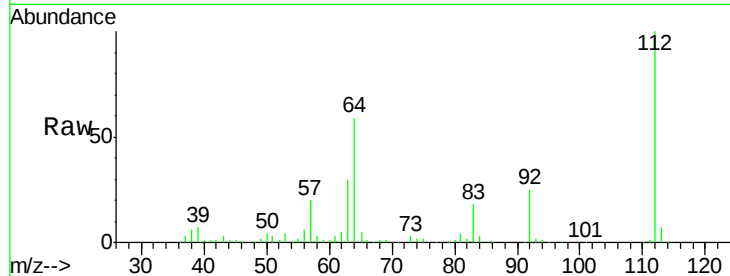




#5
 2-Fluorophenol
 Concen: 158.52 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

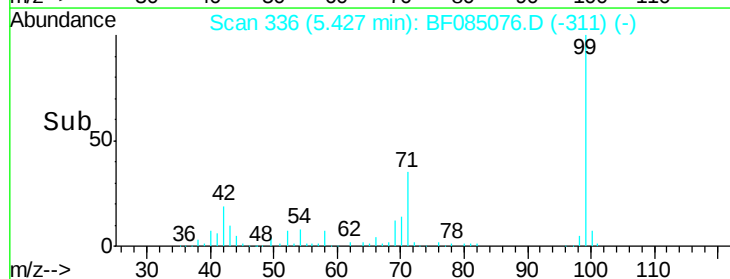
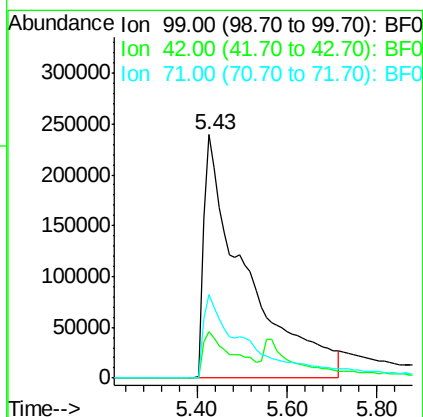
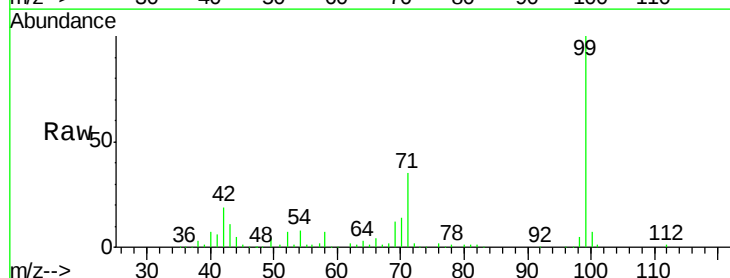
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B039(9-11)

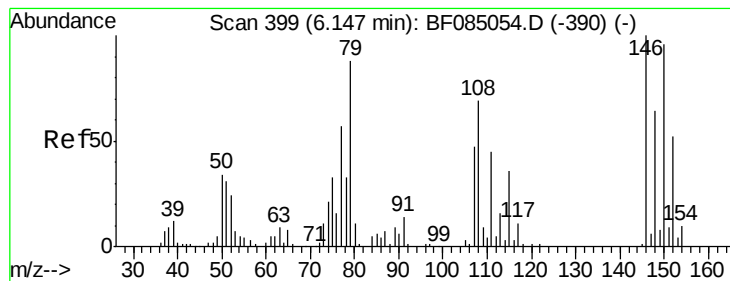
Tgt Ion: 112 Resp: 1084217
 Ion Ratio Lower Upper
 112 100
 64 58.9 45.4 68.2
 63 30.2 23.2 34.8



#7
 Phenol-d6
 Concen: 169.21 ng
 RT: 5.43 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: BF085076.D
 Acq: 13 Feb 2016 10:16

Tgt Ion: 99 Resp: 1542476
 Ion Ratio Lower Upper
 99 100
 42 19.2 17.0 25.4
 71 34.5 28.3 42.5





#15

Benzyl Alcohol

Concen: 2.96 ng

RT: 6.08 min Scan# 393

Delta R.T. -0.07 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

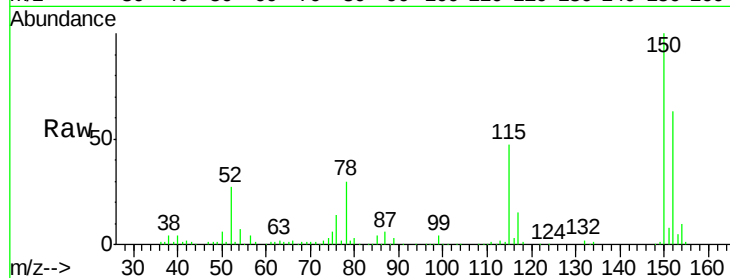
Tgt Ion: 79 Resp: 16464

Ion Ratio Lower Upper

79 100

108 22.4 63.4 95.0#

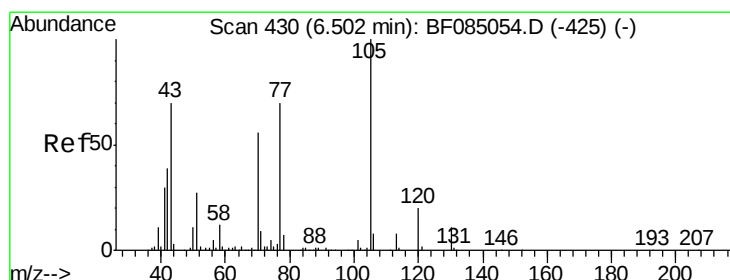
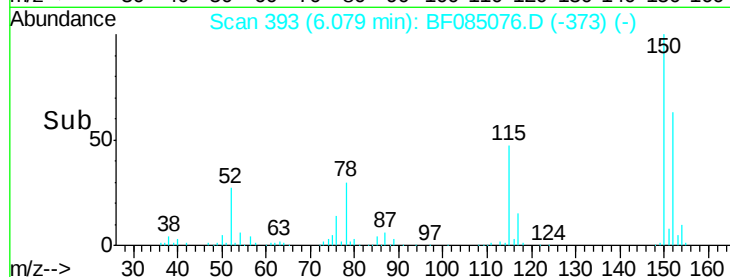
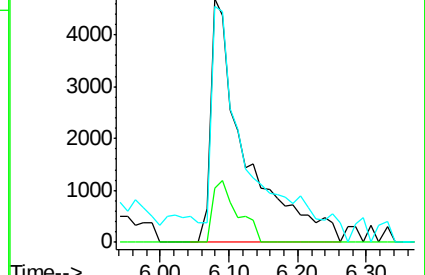
77 96.9 51.8 77.6#



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: 14.08 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.22 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Tgt Ion: 70 Resp: 80865

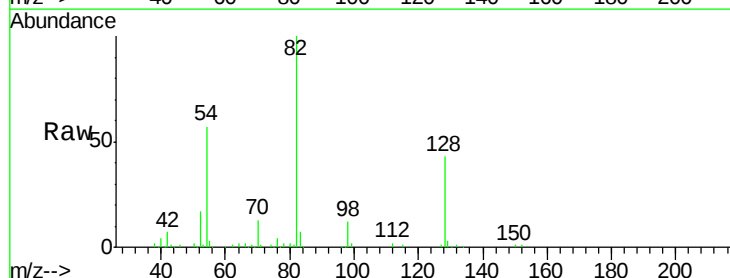
Ion Ratio Lower Upper

70 100

42 49.5 55.8 83.6#

101 0.0 7.7 11.5#

130 2.0 15.4 23.2#

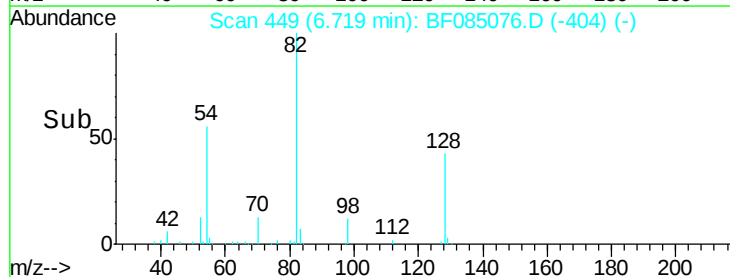
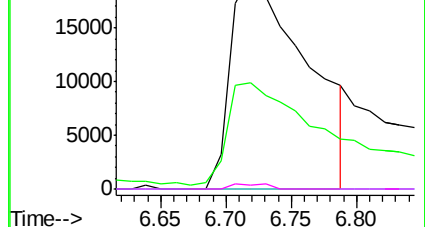


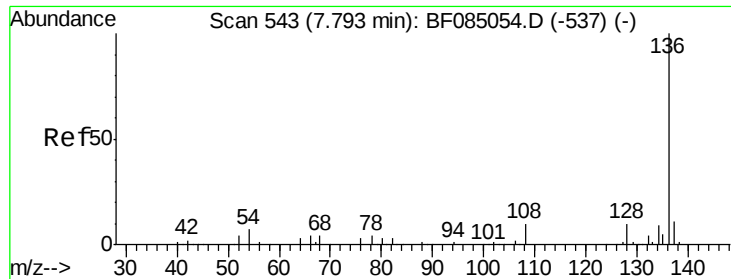
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

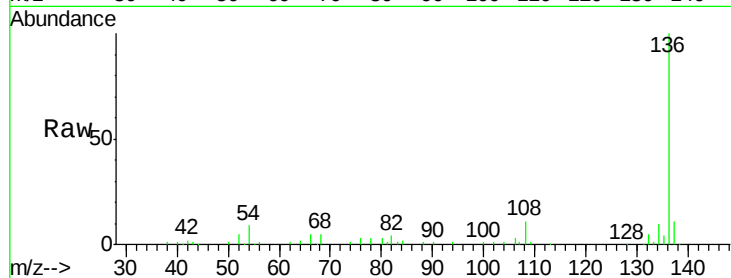




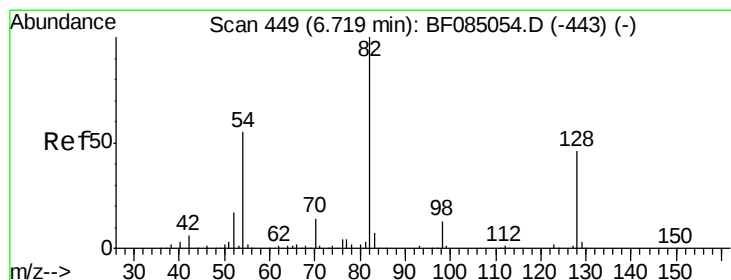
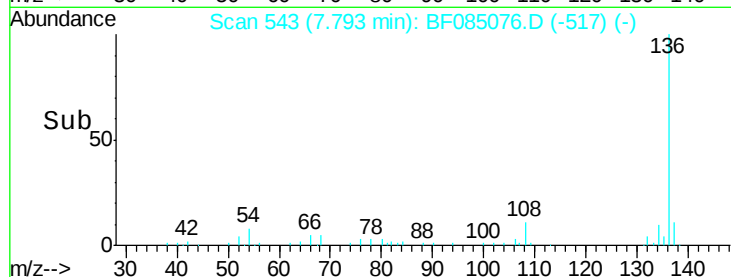
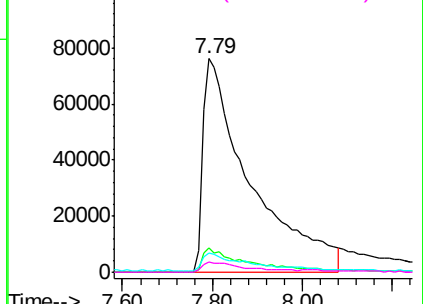
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SUP-B039(9-11)

Tgt Ion:	136	Resp:	552515
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.1	9.1
68	4.9	3.5	5.3

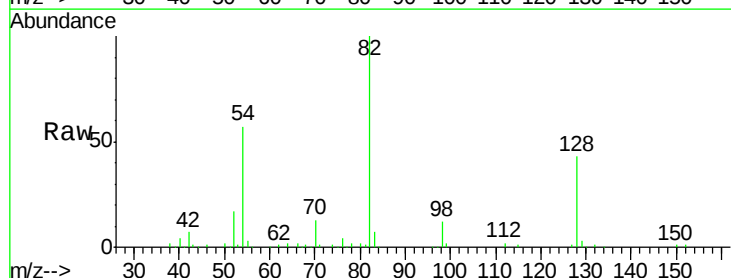


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

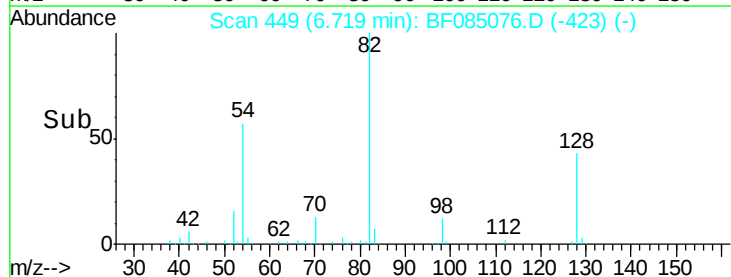
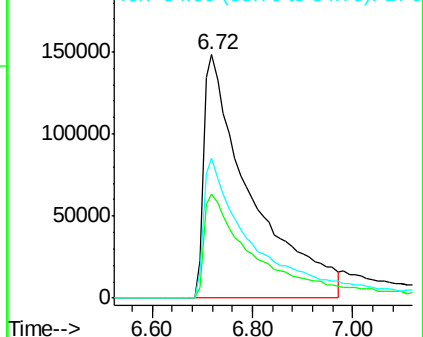


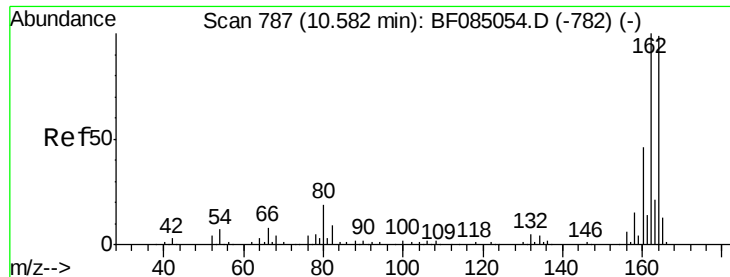
#23
Nitrobenzene-d5
Concen: 103.21 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Tgt Ion:	82	Resp:	965640
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.8	55.2
54	57.2	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: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

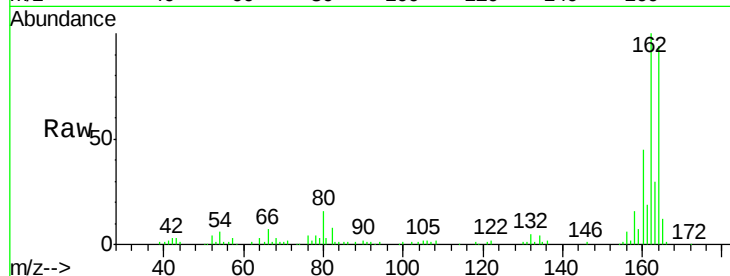
Tgt Ion:164 Resp: 270704

Ion Ratio Lower Upper

164 100

162 106.6 81.1 121.7

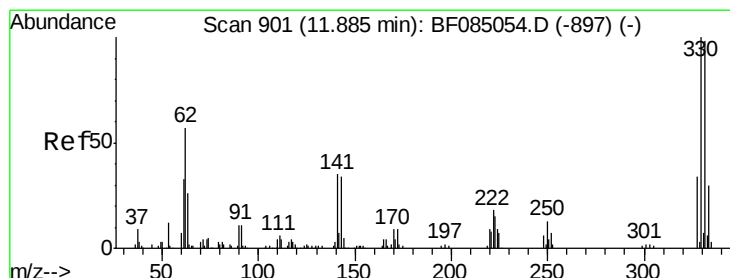
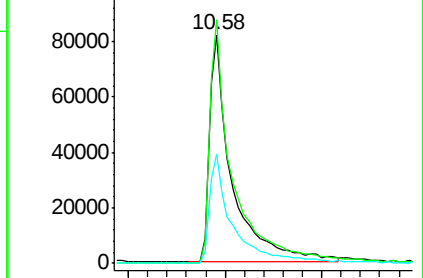
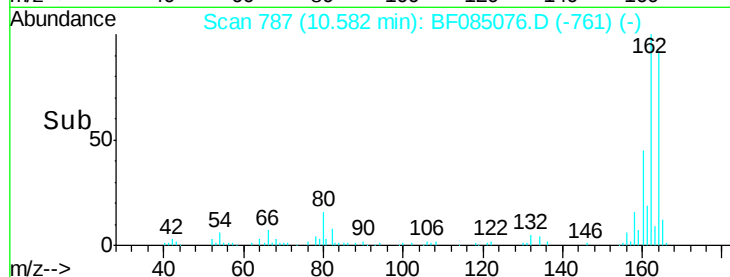
160 48.0 37.4 56.0



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: 145.49 ng

RT: 11.88 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

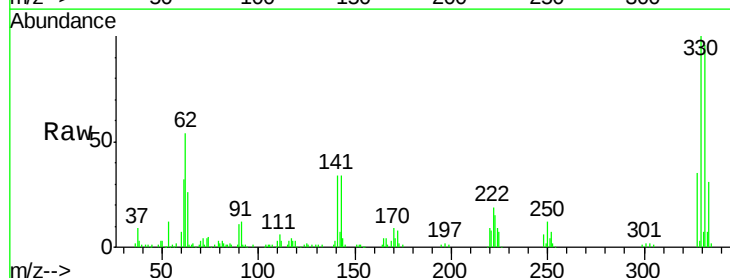
Tgt Ion:330 Resp: 406777

Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

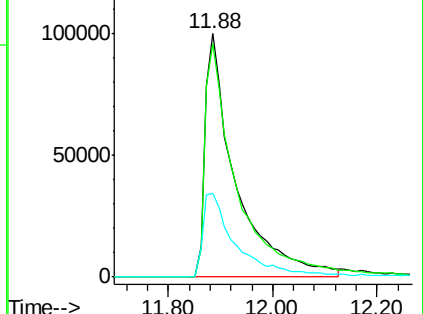
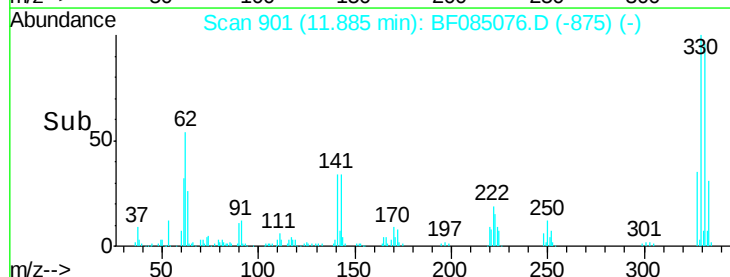
141 37.7 28.6 42.8

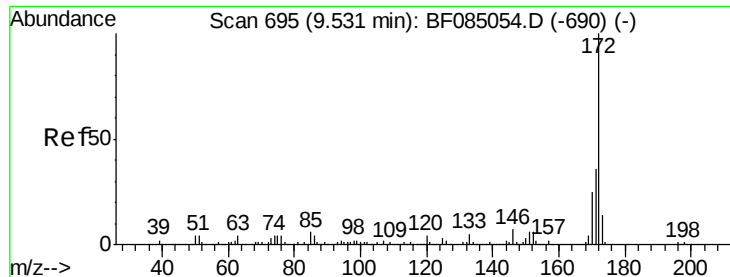


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 85.16 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

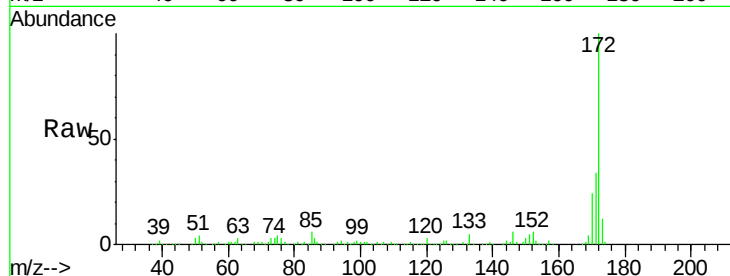
Tgt Ion:172 Resp: 1612734

Ion Ratio Lower Upper

172 100

171 34.2 29.1 43.7

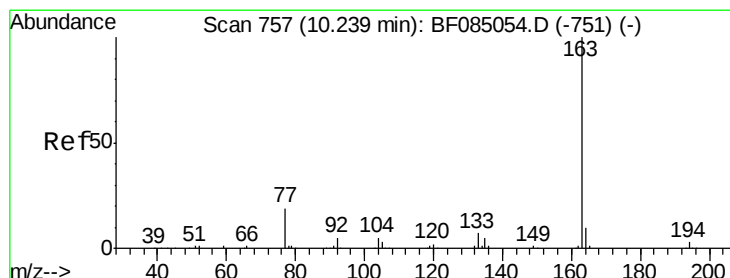
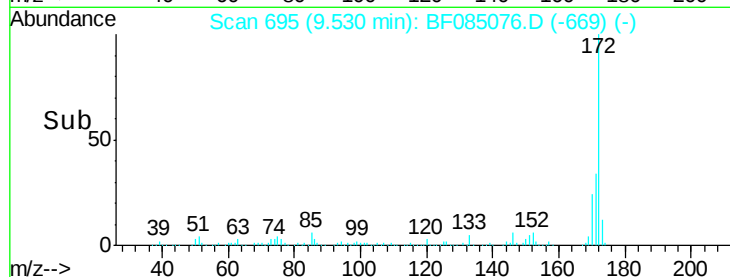
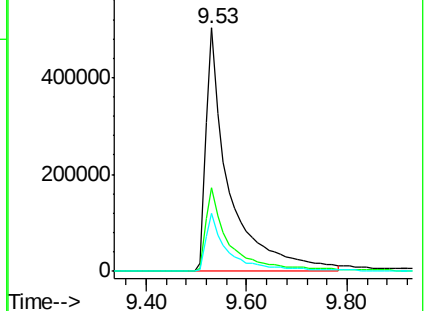
170 23.7 19.6 29.4



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: 13.20 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

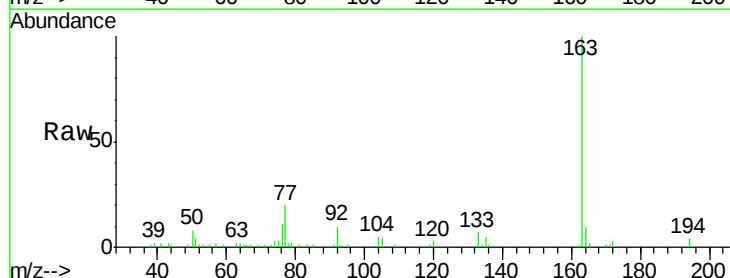
Tgt Ion:163 Resp: 267872

Ion Ratio Lower Upper

163 100

194 3.7 2.5 3.7

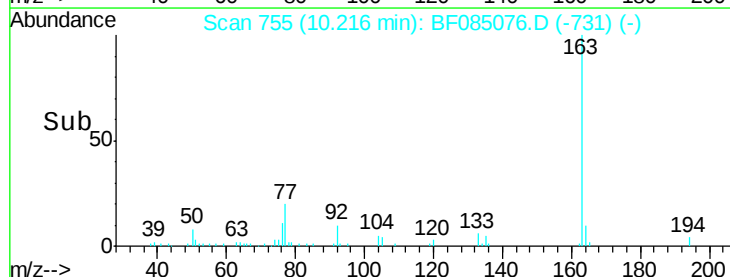
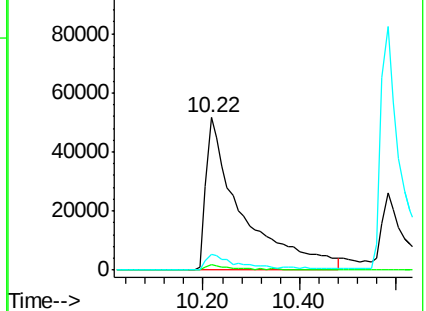
164 10.3 7.8 11.8

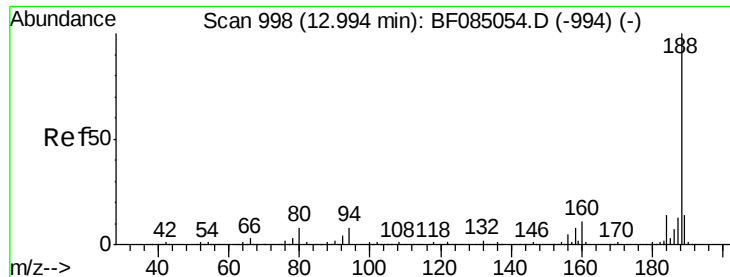


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

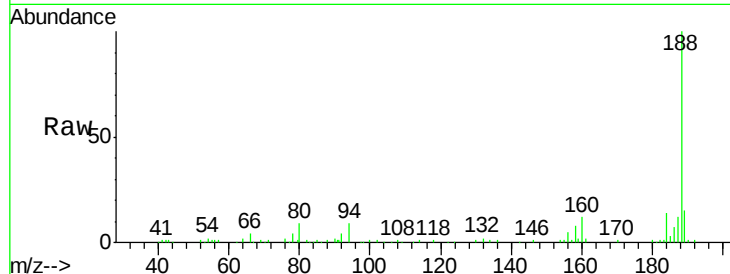




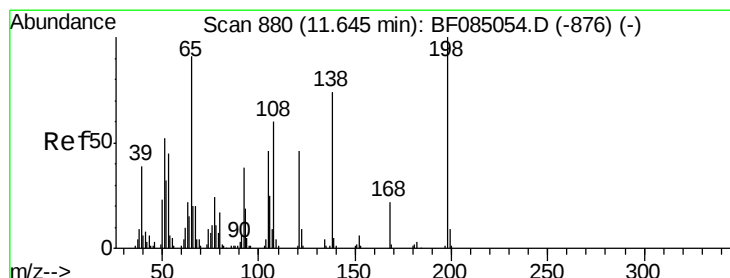
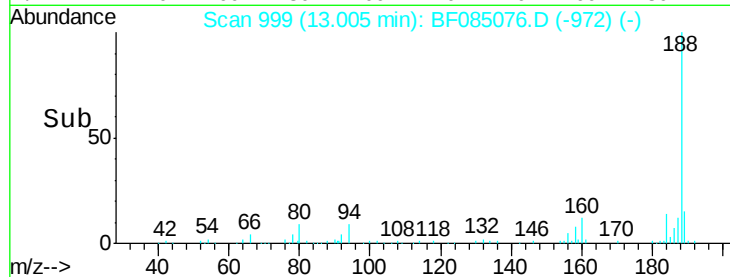
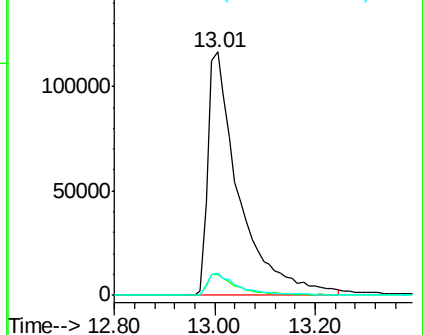
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.01 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SUP-B039(9-11)

Tgt Ion:188 Resp: 502916
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.1 6.6 9.8

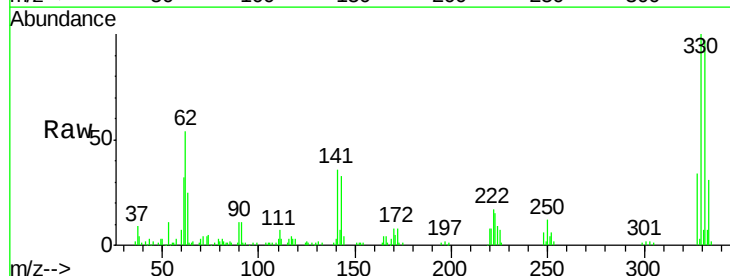


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

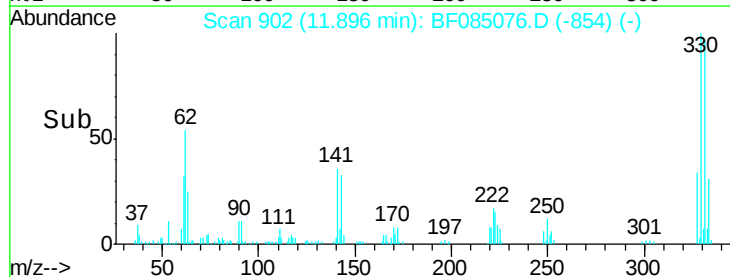
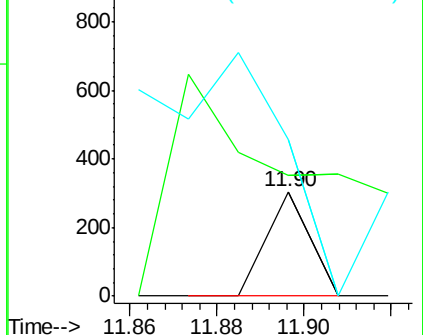


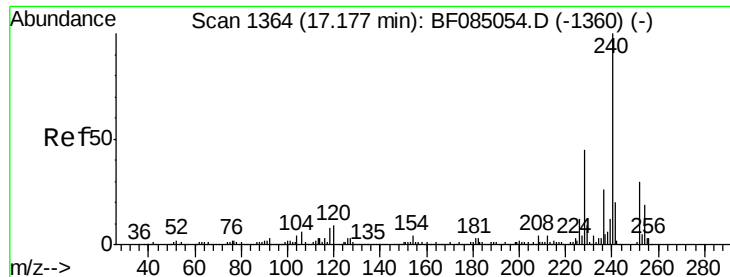
#64
4,6-Dinitro-2-methylphenol
Concen: 5.09 ng
RT: 11.90 min Scan# 902
Delta R.T. 0.25 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Tgt Ion:198 Resp: 209
Ion Ratio Lower Upper
198 100
51 115.4 34.5 74.5#
105 150.2 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: BF085076.D

Acq: 13 Feb 2016 10:16

Instrument :

BNA_F

ClientSampleId :

SUP-B039(9-11)

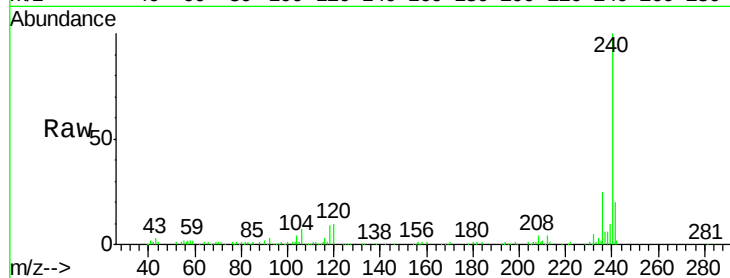
Tgt Ion:240 Resp: 320598

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

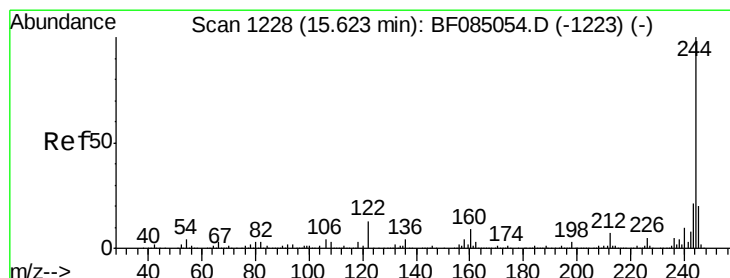
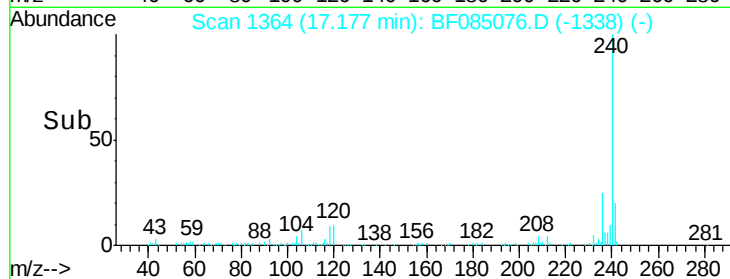
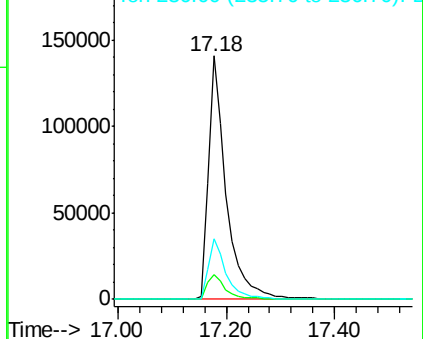
236 24.7 20.5 30.7



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: 78.46 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085076.D

Acq: 13 Feb 2016 10:16

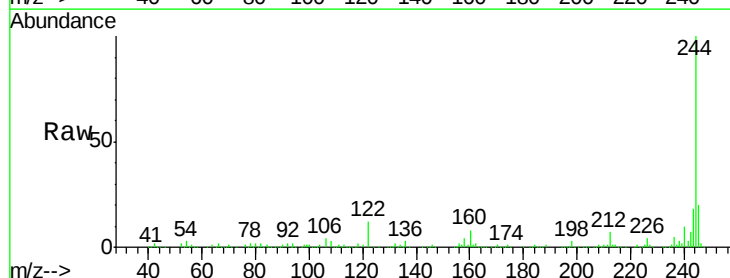
Tgt Ion:244 Resp: 1222234

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

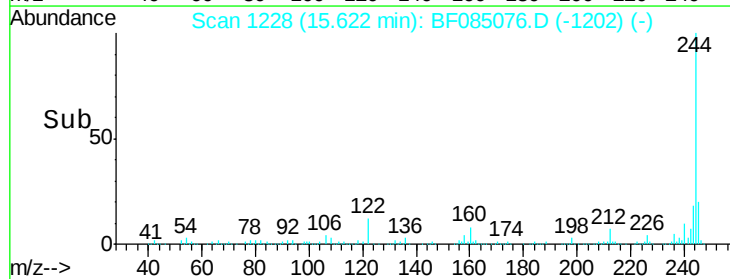
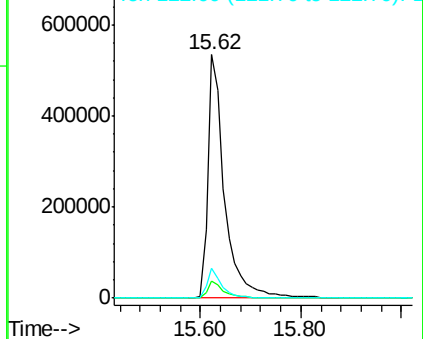
122 12.1 10.1 15.1

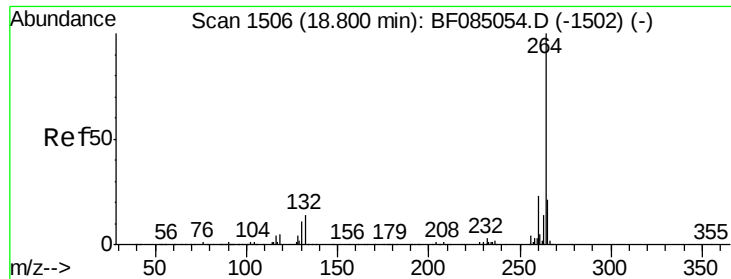


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

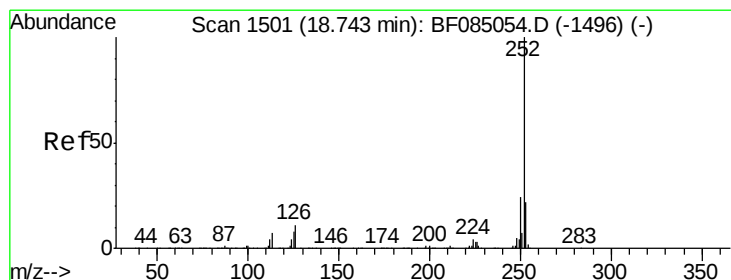
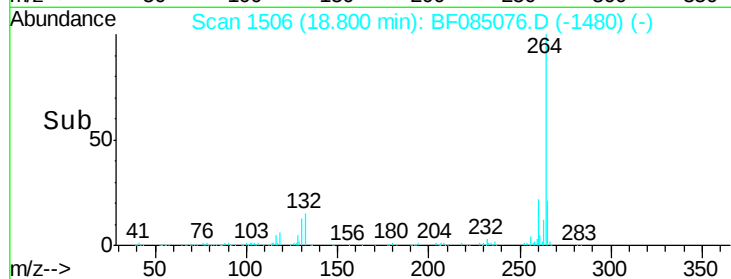
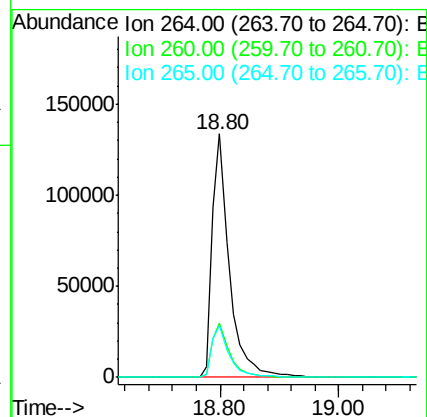
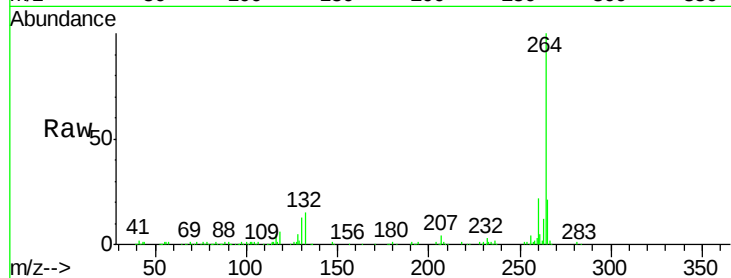




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Instrument :
BNA_F
ClientSampleId :
SUP-B039(9-11)

Tgt Ion:264 Resp: 268964
Ion Ratio Lower Upper
264 100
260 22.1 18.5 27.7
265 21.1 16.7 25.1



#89
Benzo(a)pyrene
Concen: 2.43 ng
RT: 18.83 min Scan# 1509
Delta R.T. 0.09 min
Lab File: BF085076.D
Acq: 13 Feb 2016 10:16

Tgt Ion:252 Resp: 36162
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 15.3 6.1 9.1#

