

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085433.D
 Acq On : 14 Mar 2016 17:14
 Operator : UM/SJ
 Sample : H1760-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Quant Time: Mar 15 01:01:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163340	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	642769	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	304937	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	550936	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	298639	20.00	ng	-0.06
86) Perylene-d12	15.55	264	272767	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	351222	36.07	ng	-0.05
7) Phenol-d6	6.55	99	287268	22.52	ng	-0.06
23) Nitrobenzene-d5	7.49	82	884932	73.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	210156	80.54	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1641871	81.89	ng	-0.06
78) Terphenyl-d14	13.04	244	1197373	93.08	ng	-0.05

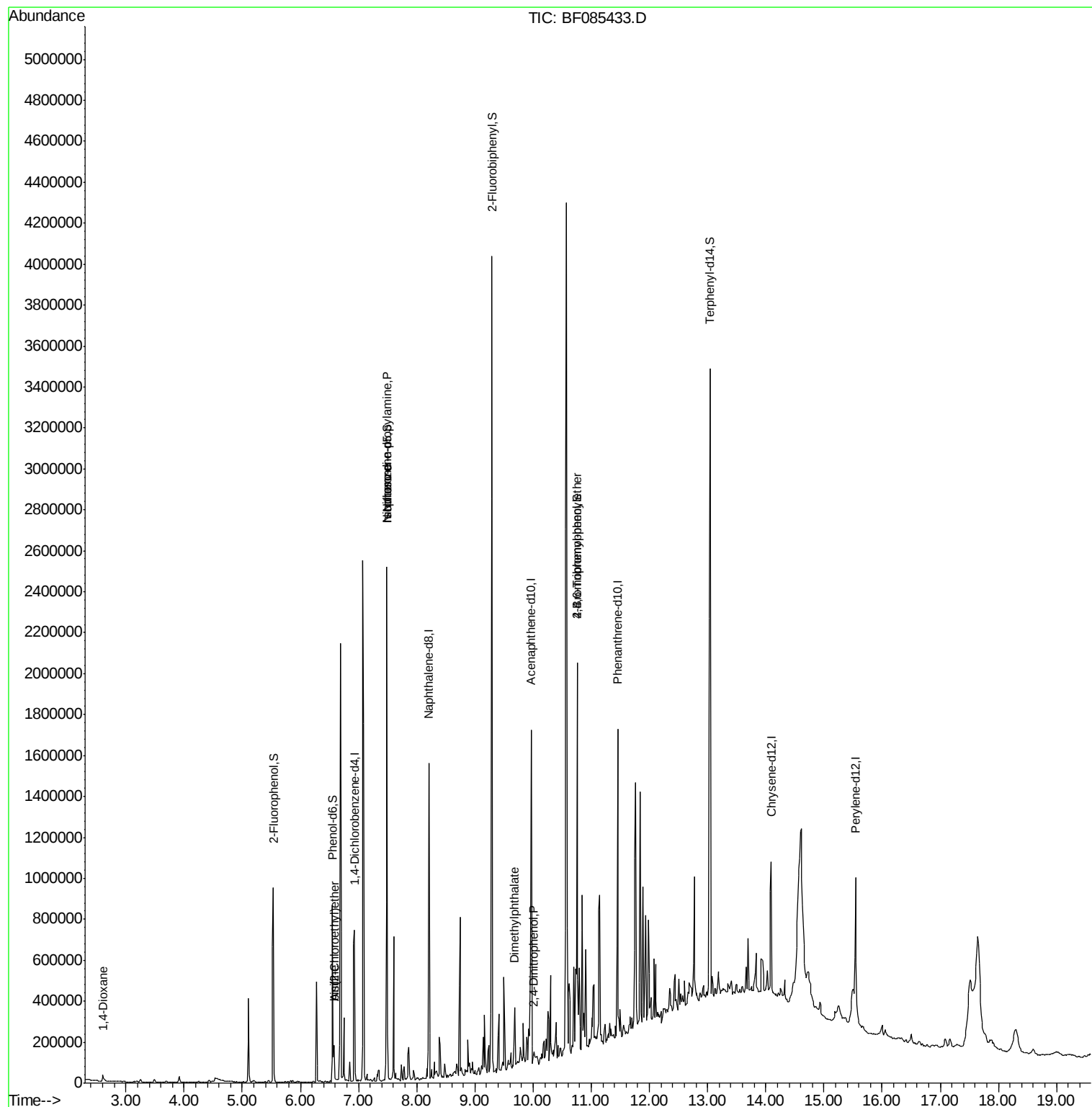
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	18182	3.65	ng	97
6) Aniline	6.58	93	94530	5.29	ng	92
9) Benzaldehyde	6.47	77	603	Below Cal	#	69
11) bis(2-Chloroethyl)ether	6.58	93	94530	8.33	ng	# 26
19) n-Nitroso-di-n-propylamine	7.49	70	119041	14.32	ng	# 78
25) Isophorone	7.49	82	659602	29.63	ng	# 67
49) Dimethylphthalate	9.68	163	116540	4.98	ng	99
53) 2,4-Dinitrophenol	10.01	184	658	8.26	ng	# 44
66) 4-Bromophenyl-phenylether	10.76	248	14780	2.76	ng	# 1

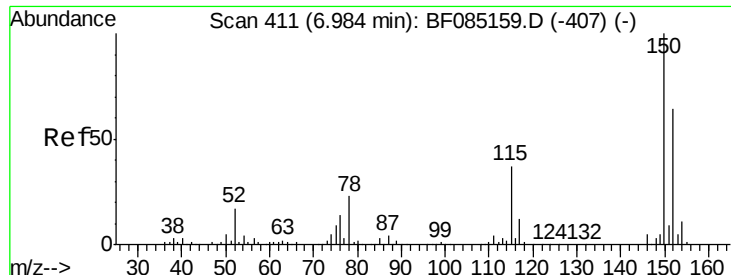
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 01:01:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

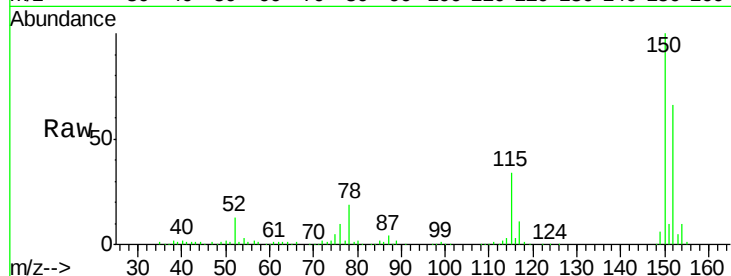
Tgt Ion:152 Resp: 163340

Ion Ratio Lower Upper

152 100

150 152.2 124.6 186.8

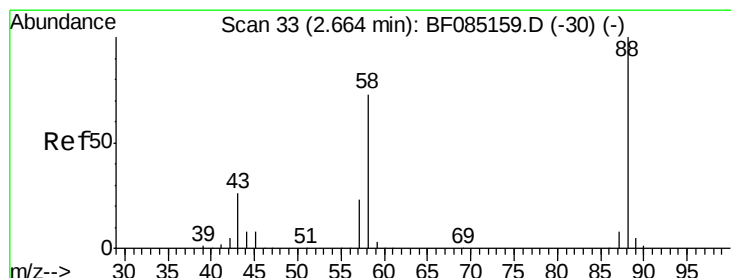
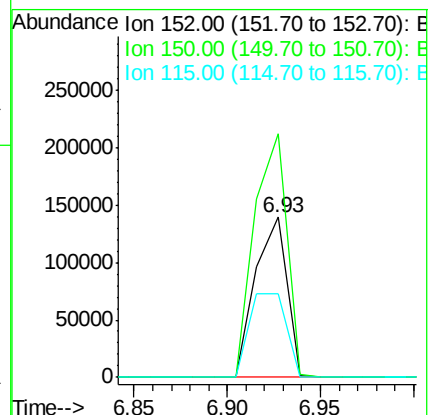
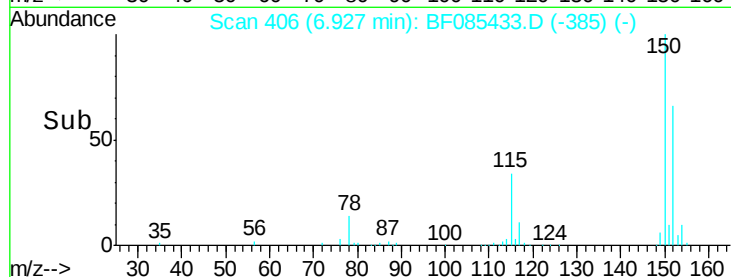
115 52.4 46.6 70.0



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



#2

1,4-Dioxane

Concen: 3.65 ng

RT: 2.61 min Scan# 28

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

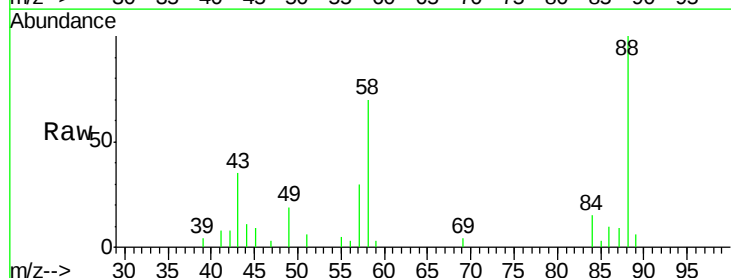
Tgt Ion: 88 Resp: 18182

Ion Ratio Lower Upper

88 100

58 72.1 57.0 85.6

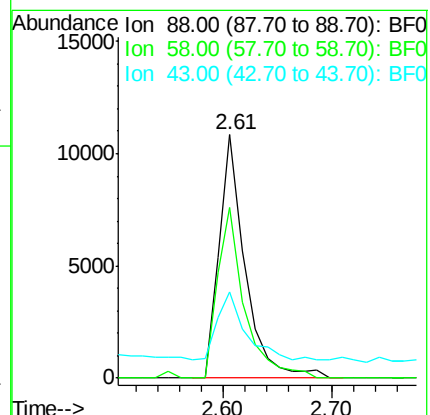
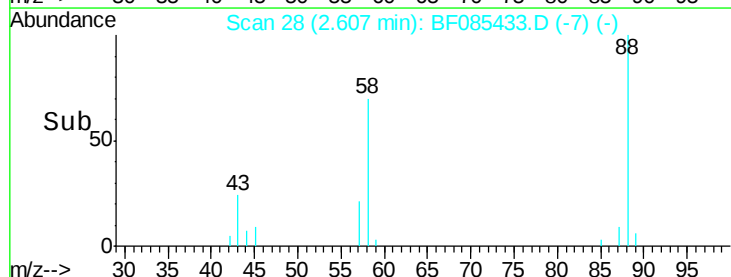
43 30.5 20.5 30.7

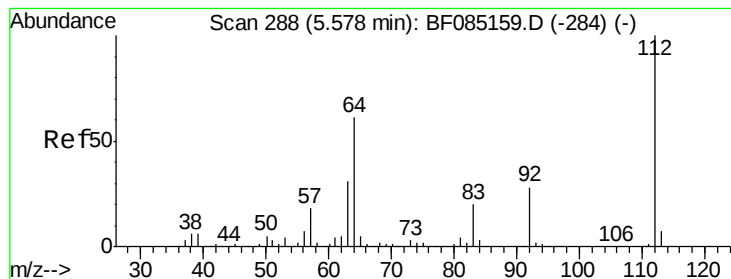


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 36.07 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

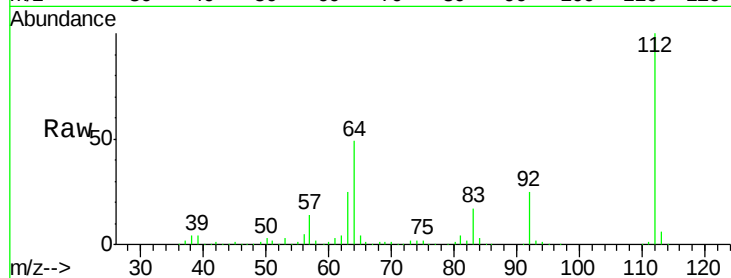
Tgt Ion: 112 Resp: 351222

Ion Ratio Lower Upper

112 100

64 48.7 49.0 73.4#

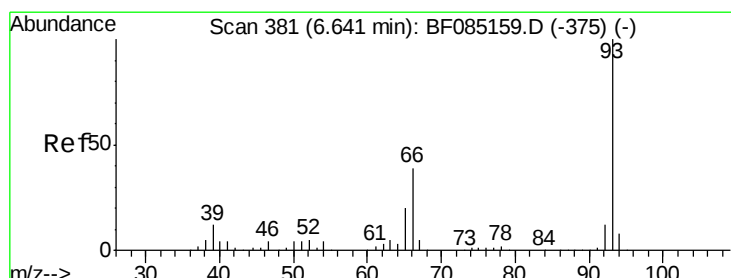
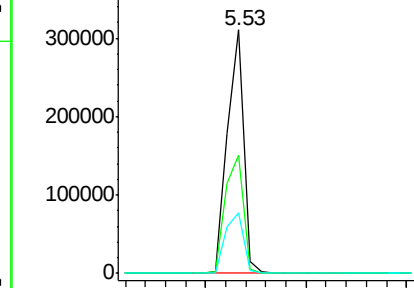
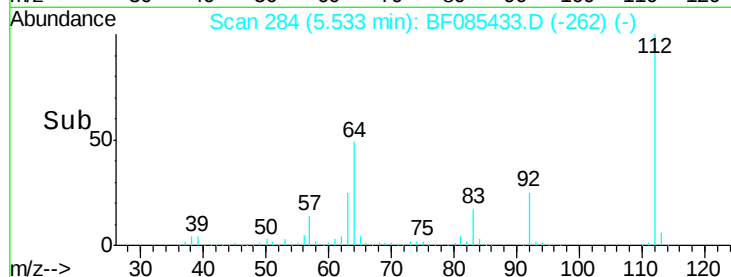
63 25.0 24.8 37.2



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



#6

Aniline

Concen: 5.29 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

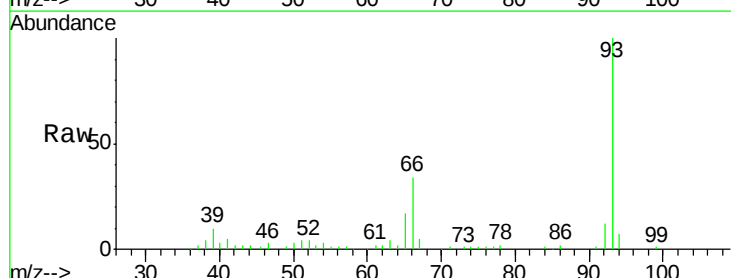
Tgt Ion: 93 Resp: 94530

Ion Ratio Lower Upper

93 100

66 34.0 31.6 47.4

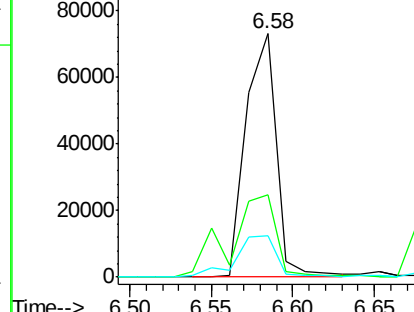
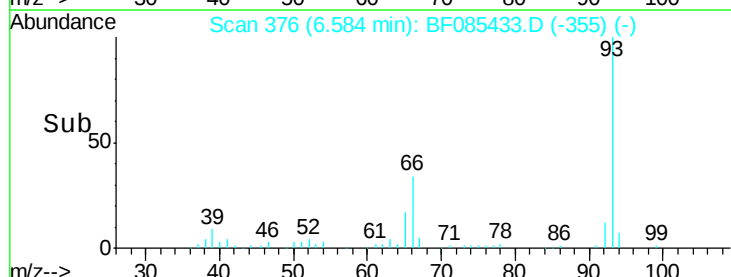
65 17.2 15.8 23.8

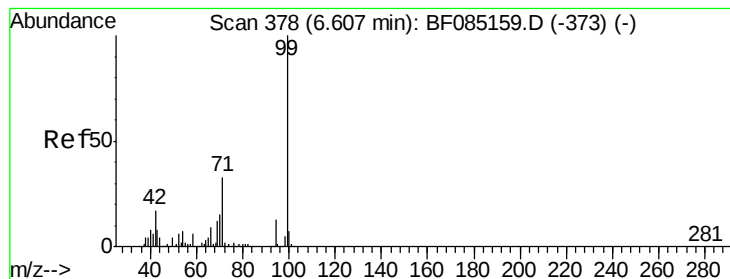


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.52 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

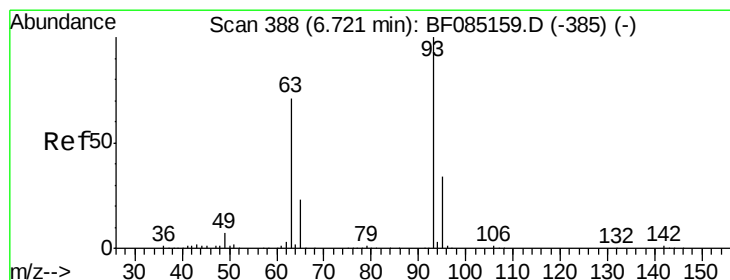
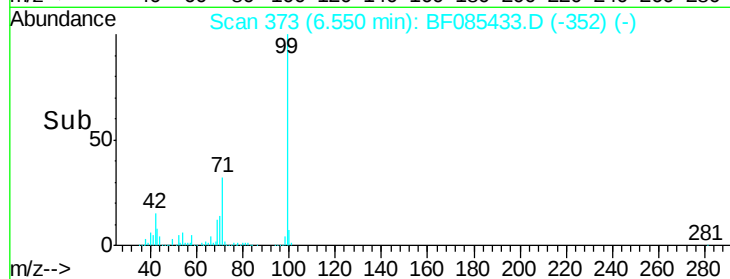
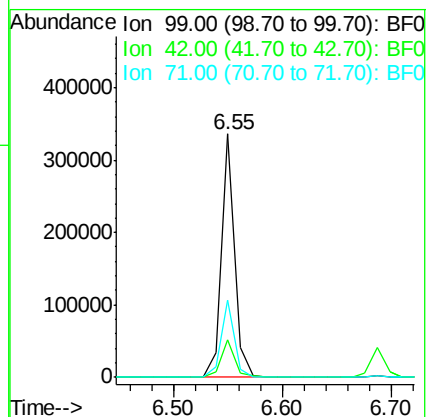
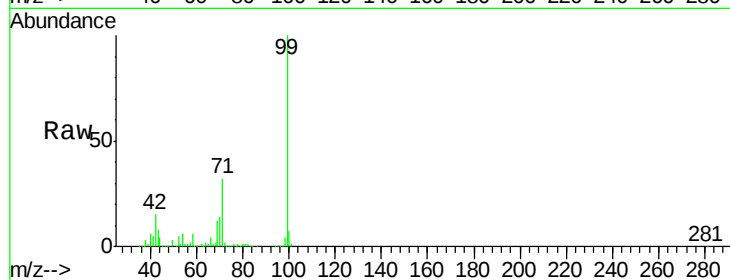
Tgt Ion: 99 Resp: 287268

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 31.5 26.7 40.1



#11

bis(2-Chloroethyl)ether

Concen: 8.33 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.14 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

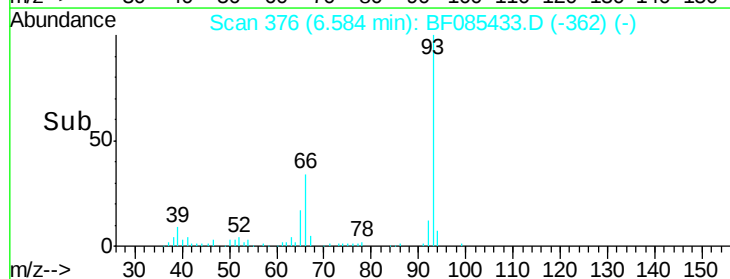
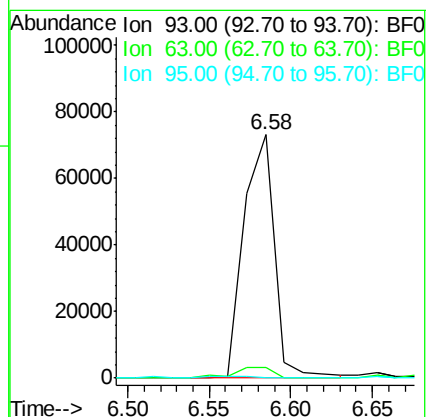
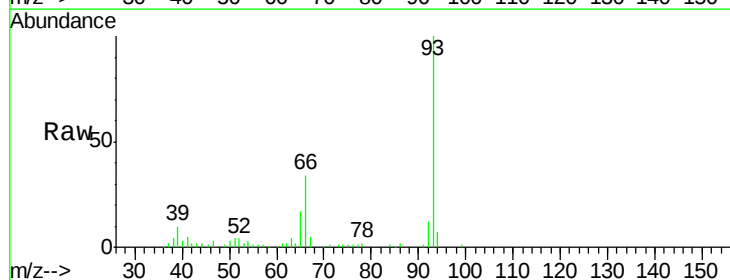
Tgt Ion: 93 Resp: 94530

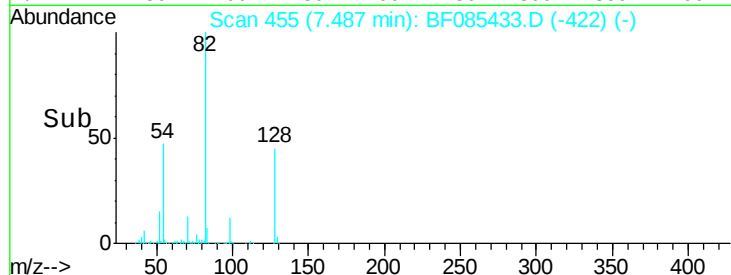
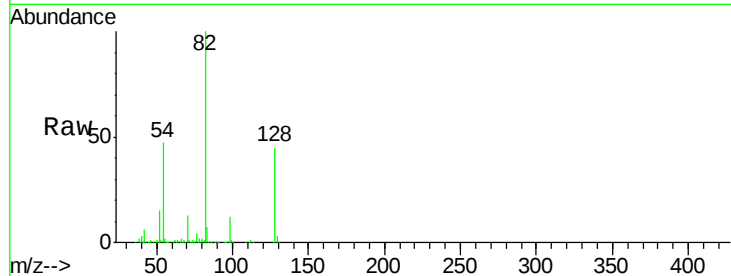
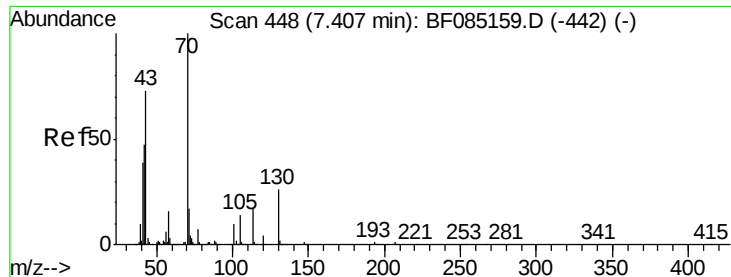
Ion Ratio Lower Upper

93 100

63 4.3 50.9 90.9#

95 0.0 13.7 53.7#

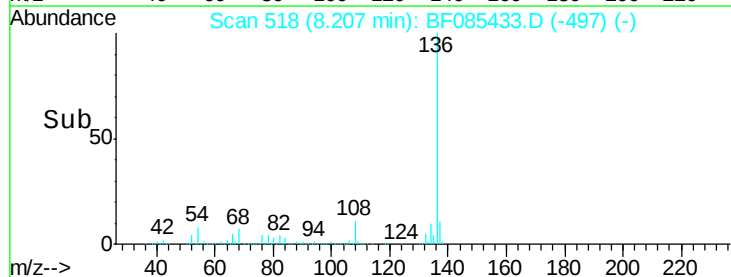
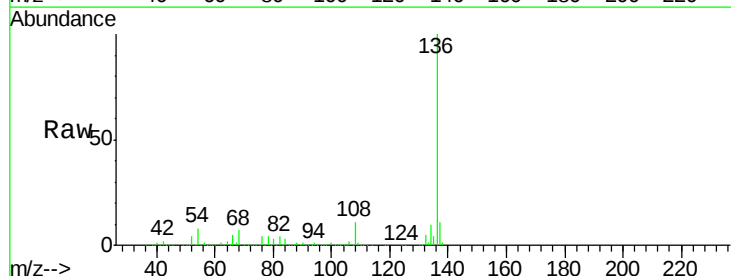
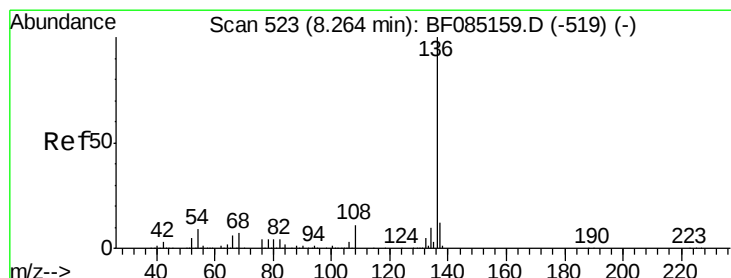
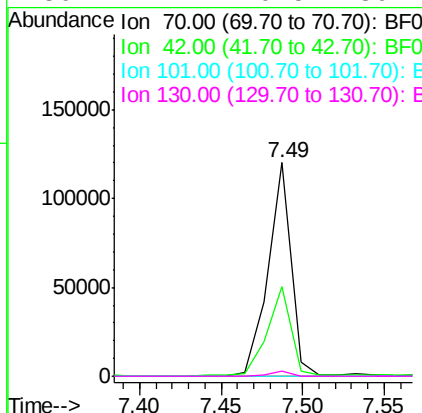




#19
n-Nitroso-di-n-propylamine
Concen: 14.32 ng
RT: 7.49 min Scan# 455
Delta R.T. 0.08 min
Lab File: BF085433.D
Acq: 14 Mar 2016 17:14

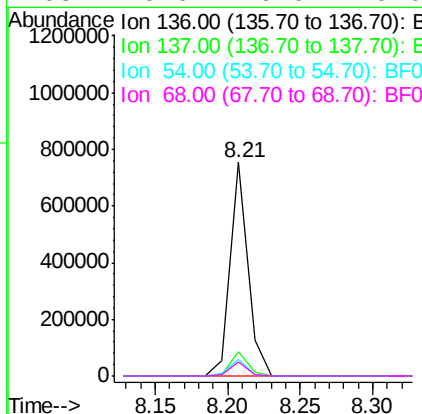
Instrument :
BNA_F
ClientSampleId :
SYSDIS03112016

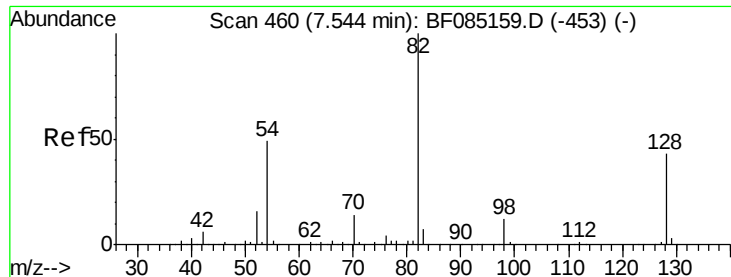
Tgt Ion: 70 Resp: 119041
Ion Ratio Lower Upper
70 100
42 41.7 37.7 56.5
101 0.0 8.2 12.4#
130 2.4 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085433.D
Acq: 14 Mar 2016 17:14

Tgt Ion: 136 Resp: 642769
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 7.9 7.4 11.2
68 6.6 6.0 9.0

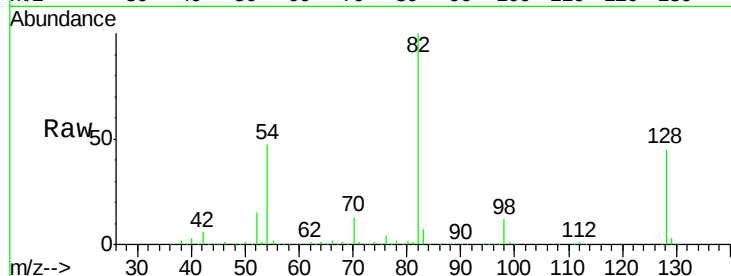




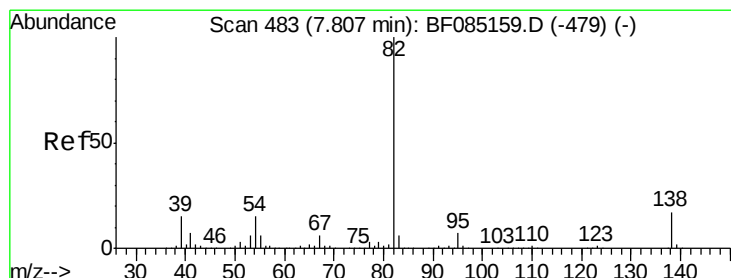
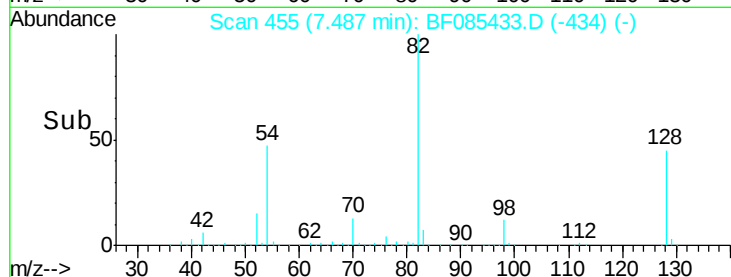
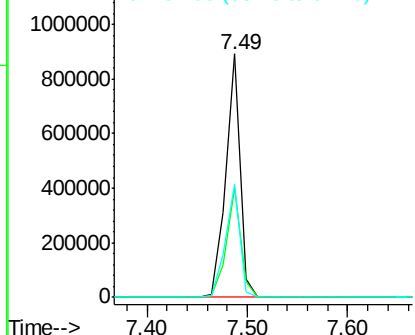
#23
 Nitrobenzene-d5
 Concen: 73.67 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Tgt Ion: 82 Resp: 884932
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.5 51.7
 54 46.7 39.3 58.9

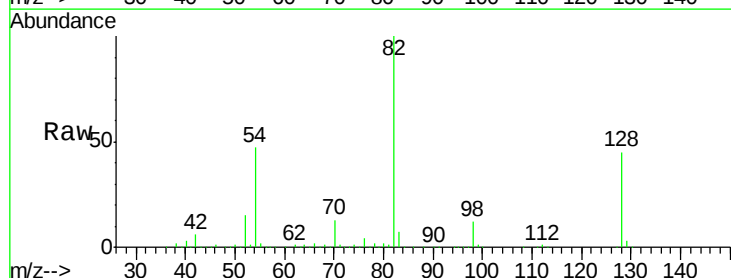


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

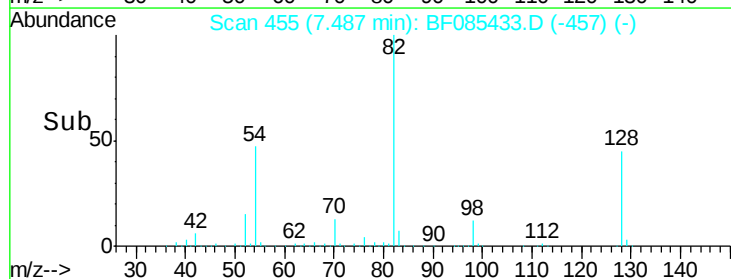
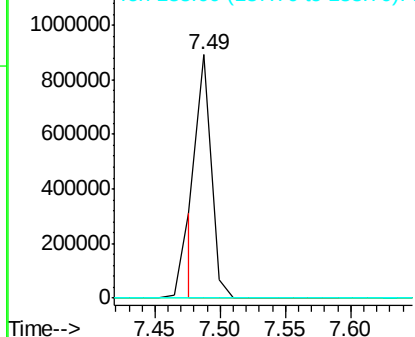


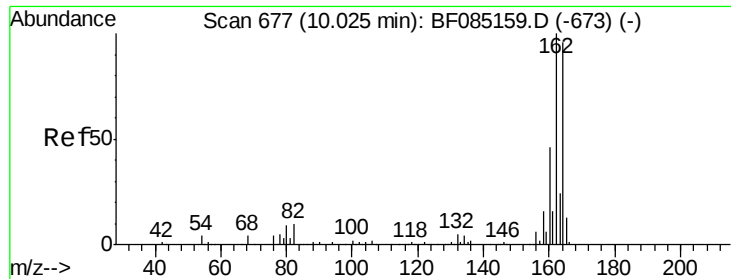
#25
 Isophorone
 Concen: 29.63 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.32 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Tgt Ion: 82 Resp: 659602
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

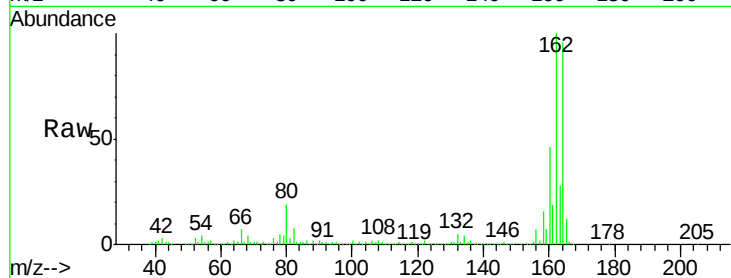




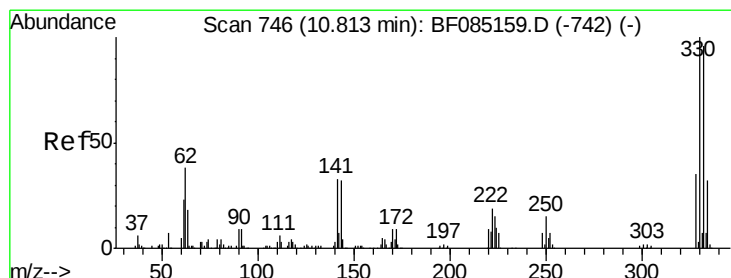
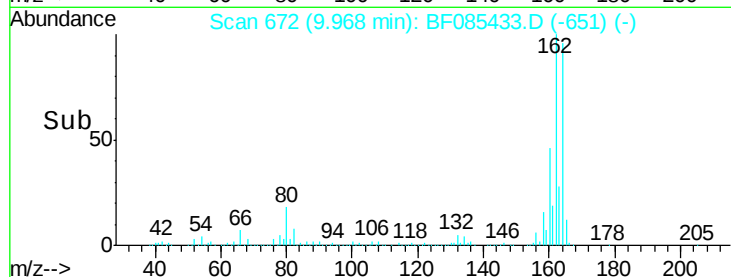
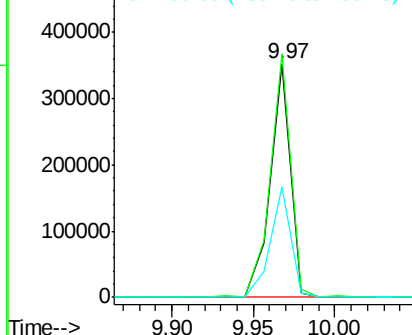
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Tgt Ion:164 Resp: 304937
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.3 124.9
 160 47.5 37.9 56.9

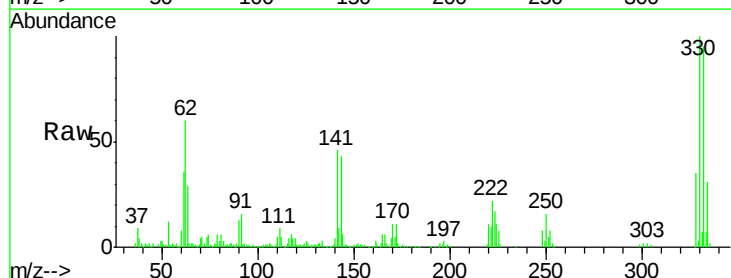


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

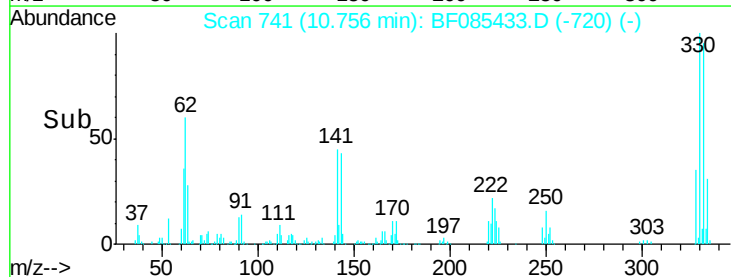
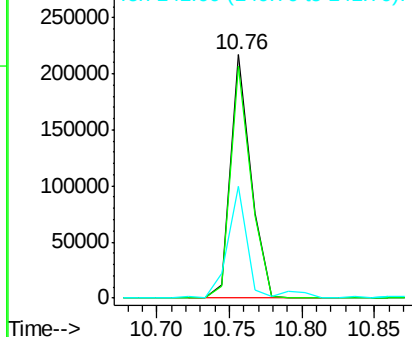


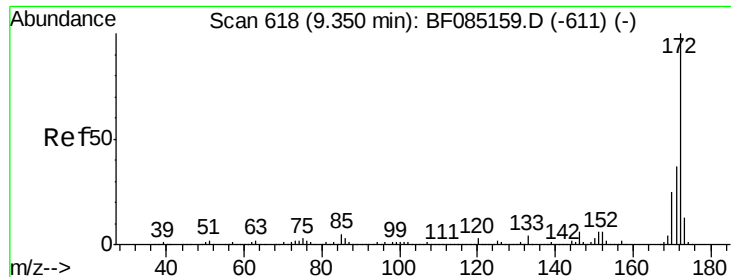
#41
 2,4,6-Tribromophenol
 Concen: 80.54 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Tgt Ion:330 Resp: 210156
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 42.0 35.0 52.6



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

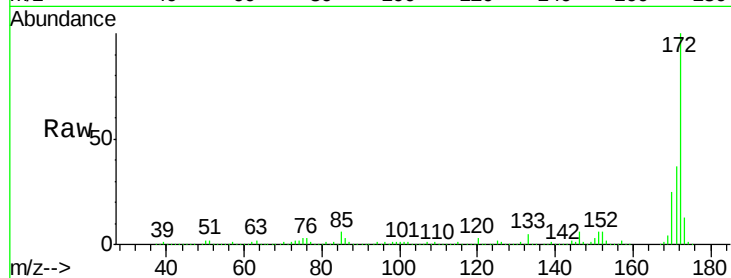




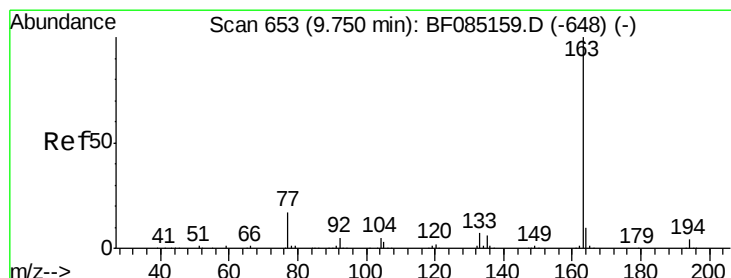
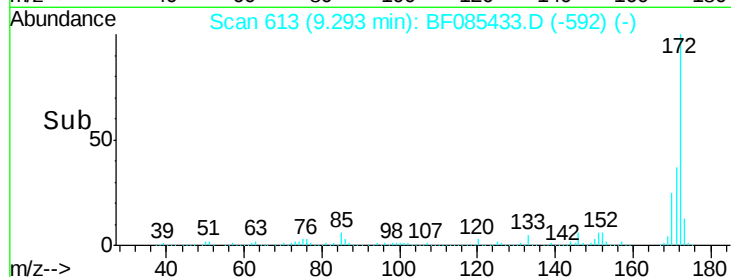
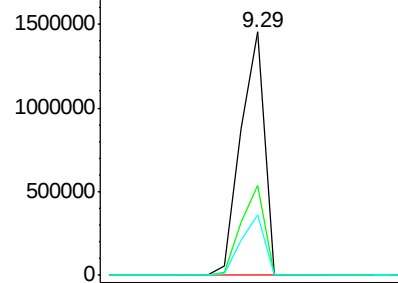
#44
 2-Fluorobiphenyl
 Concen: 81.89 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Tgt Ion:172 Resp: 1641871
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.9 20.0 30.0

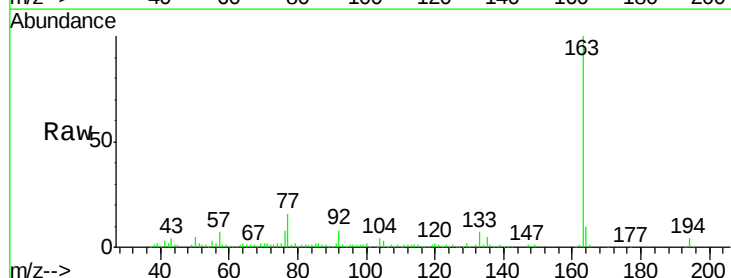


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

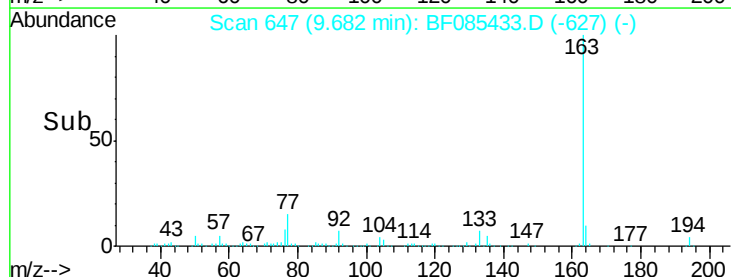
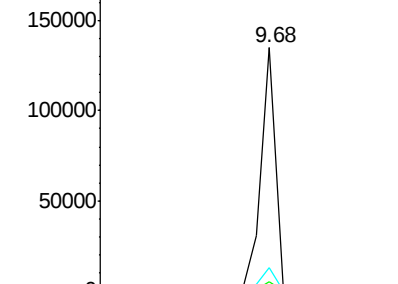


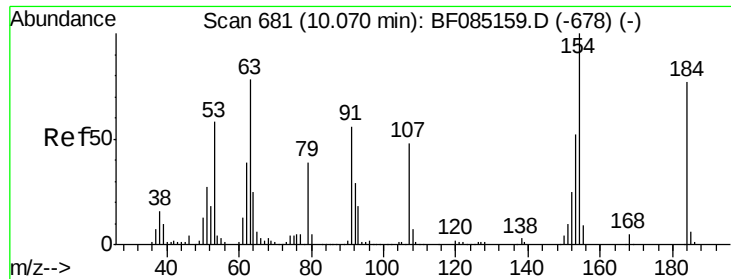
#49
 Dimethylphthalate
 Concen: 4.98 ng
 RT: 9.68 min Scan# 647
 Delta R.T. -0.07 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Tgt Ion:163 Resp: 116540
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.1 4.7
 164 9.7 8.2 12.4



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

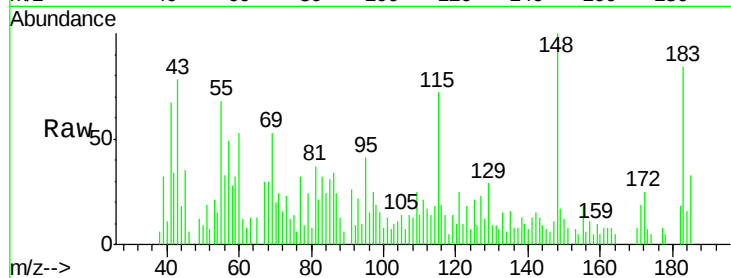




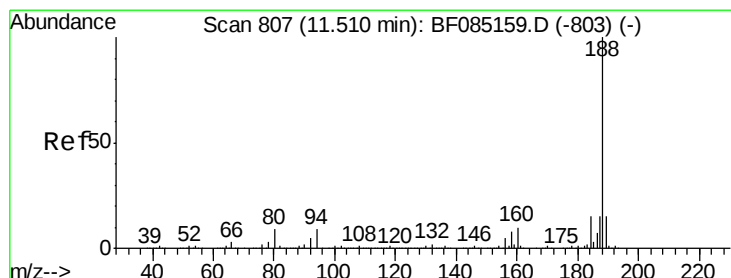
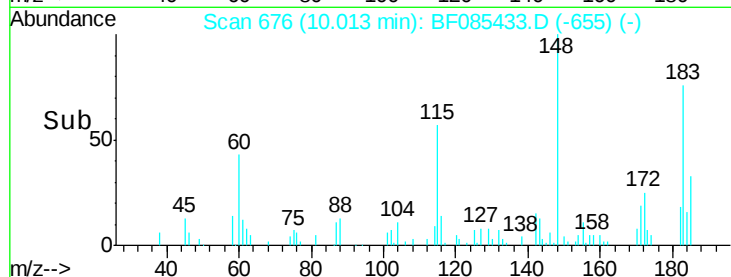
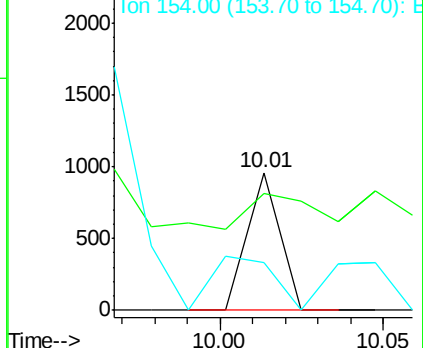
#53
 2,4-Dinitrophenol
 Concen: 8.26 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Tgt Ion:184 Resp: 658
 Ion Ratio Lower Upper
 184 100
 63 84.8 82.2 123.4
 154 34.5 108.9 163.3#

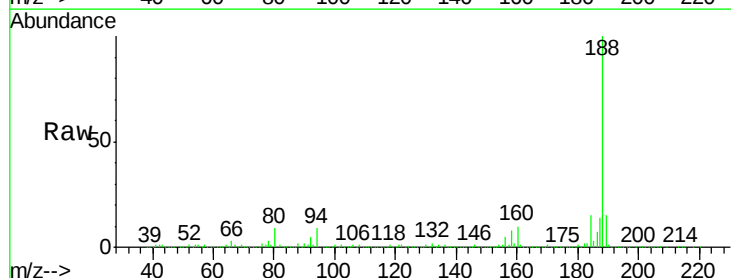


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

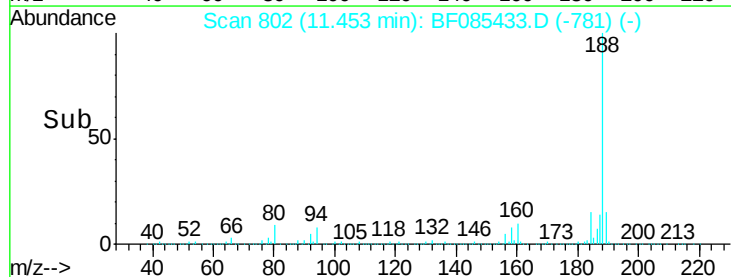
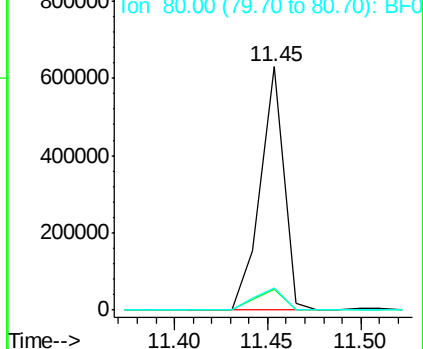


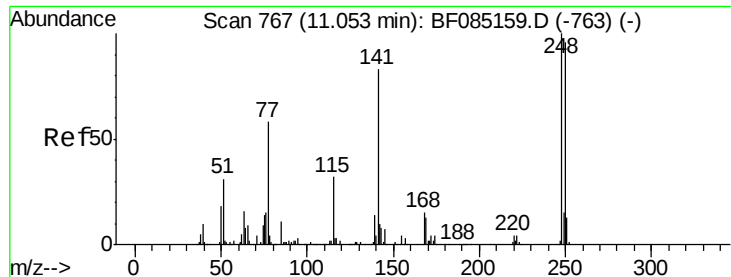
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Tgt Ion:188 Resp: 550936
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.6
 80 8.9 7.4 11.0



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





#66

4-Bromophenyl-phenylether

Concen: 2.76 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.30 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

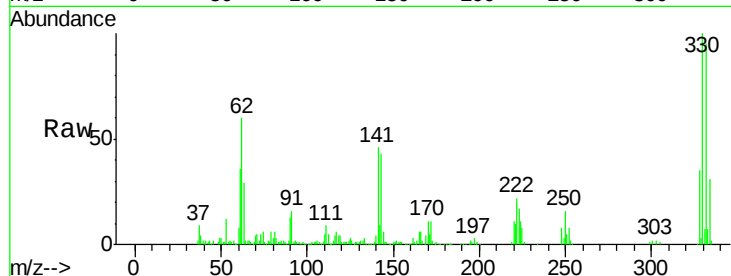
Tgt Ion:248 Resp: 14780

Ion Ratio Lower Upper

248 100

250 200.4 77.1 115.7#

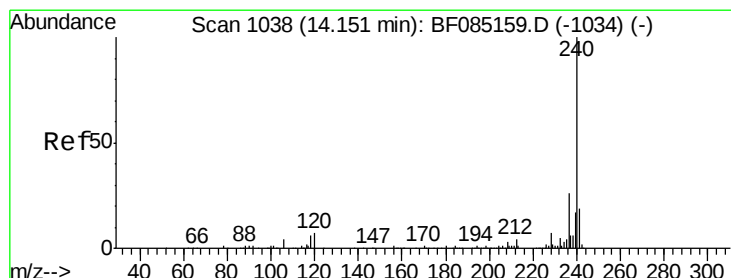
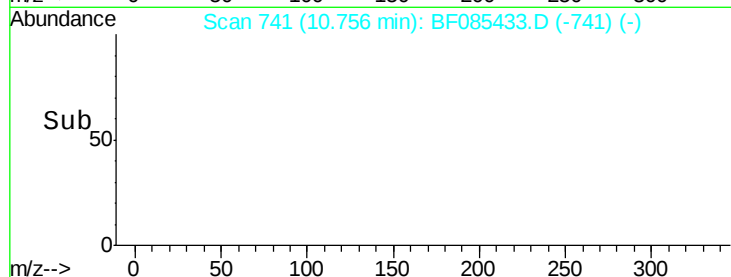
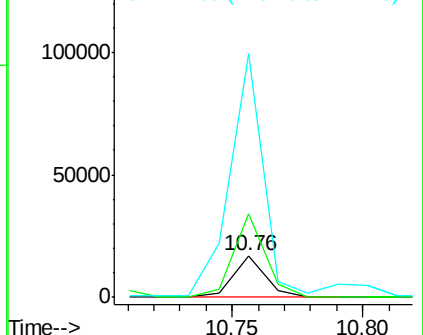
141 584.8 66.2 99.2#



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: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

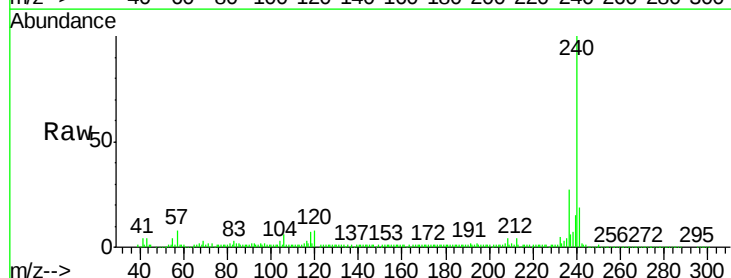
Tgt Ion:240 Resp: 298639

Ion Ratio Lower Upper

240 100

120 8.2 5.3 7.9#

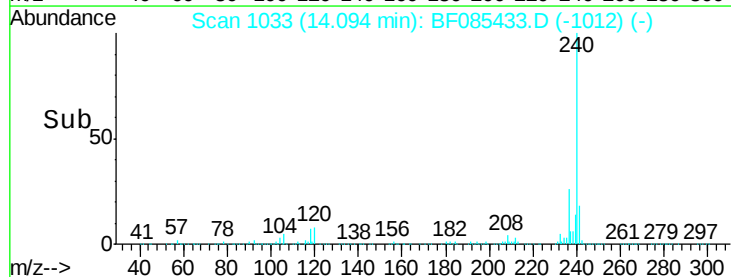
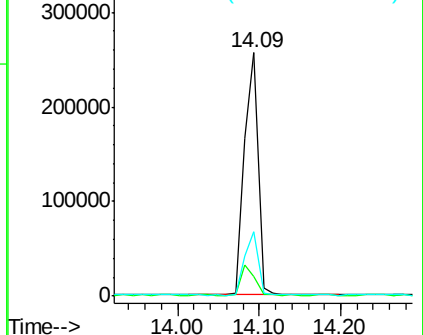
236 26.6 20.7 31.1

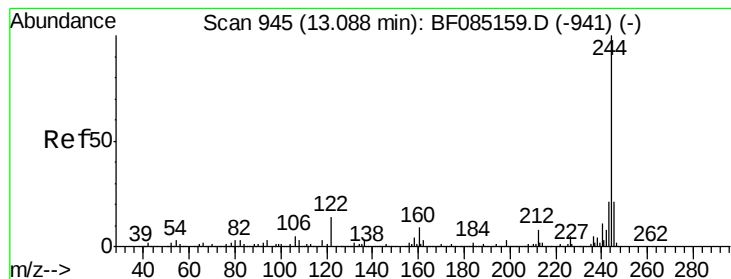


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.08 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

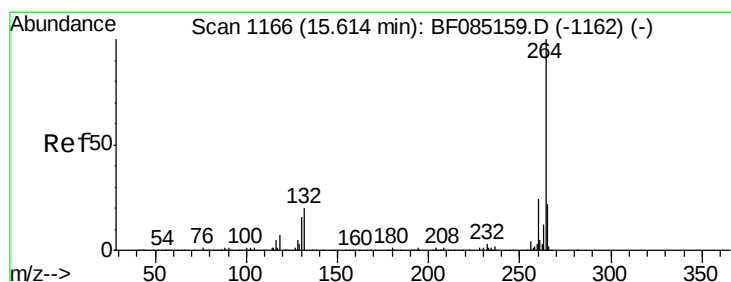
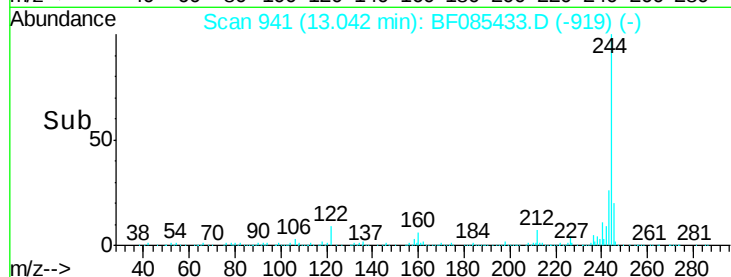
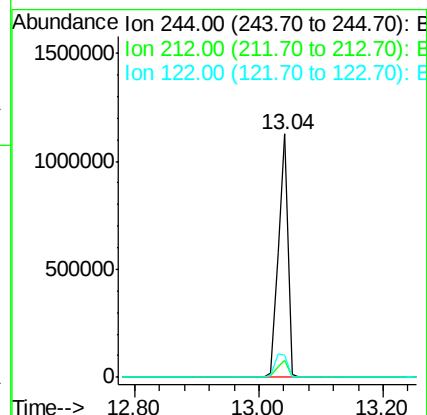
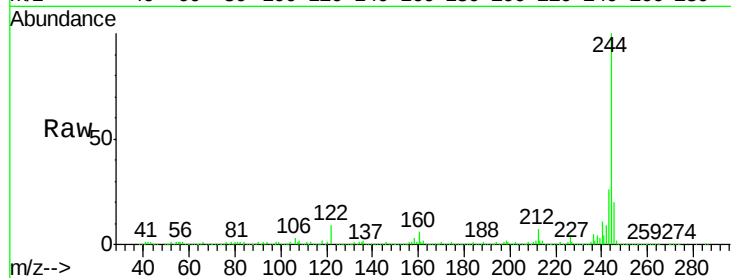
Tgt Ion:244 Resp: 1197373

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

122 8.9 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 1160

Delta R.T. -0.07 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Tgt Ion:264 Resp: 272767

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.7 17.3 25.9

