

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082731.D
 Acq On : 5 Nov 2015 16:06
 Operator : UM/IZ
 Sample : G4261-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 06 01:14:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	151437	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	529458	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	289665	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	518635	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	350983	20.00	ng	-0.03
86) Perylene-d12	15.46	264	311198	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1169794	116.34	ng	0.00
7) Phenol-d6	6.50	99	1562396	116.97	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1045348	80.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	414894	130.88	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1667251	81.72	ng	-0.02
78) Terphenyl-d14	12.98	244	1577132	98.34	ng	-0.02

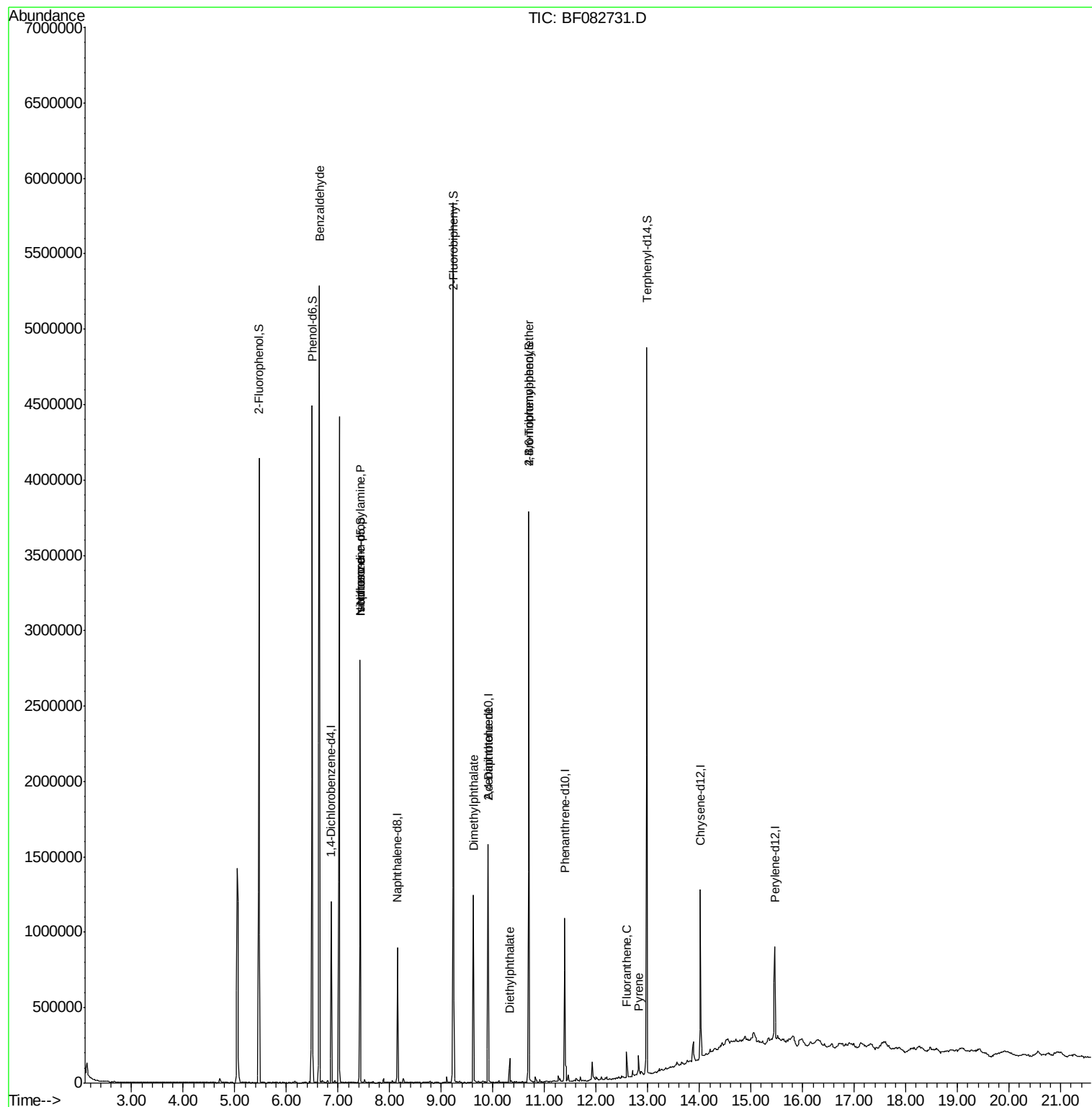
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	39489	4.33	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	144649	14.29	ng	# 69
25) Isophorone	7.42	82	818733	34.32	ng	# 69
49) Dimethylphthalate	9.62	163	443126	18.73	ng	99
56) 2,4-Dinitrotoluene	9.90	165	37582	5.67	ng	# 15
59) Diethylphthalate	10.33	149	65451	2.72	ng	97
66) 4-Bromophenyl-phenylether	10.69	248	30081	5.12	ng	# 1
74) Fluoranthene	12.59	202	78659	2.63	ng	98
77) Pyrene	12.82	202	52655	2.03	ng	99

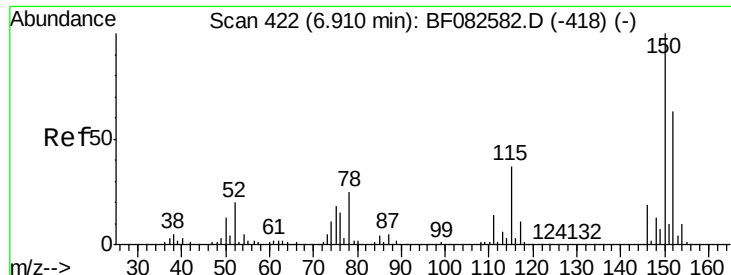
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

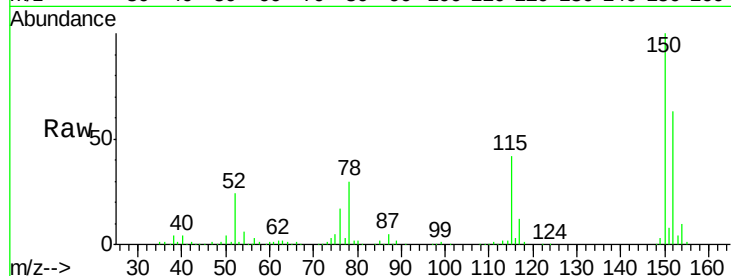
Tgt Ion:152 Resp: 151437

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

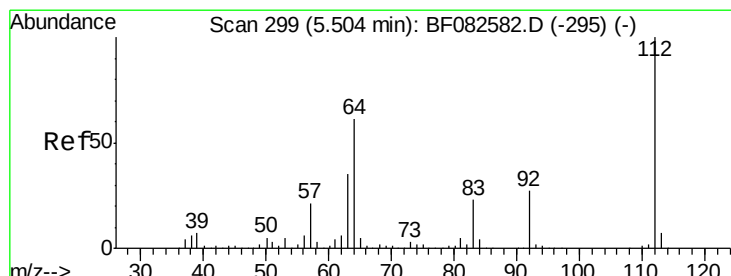
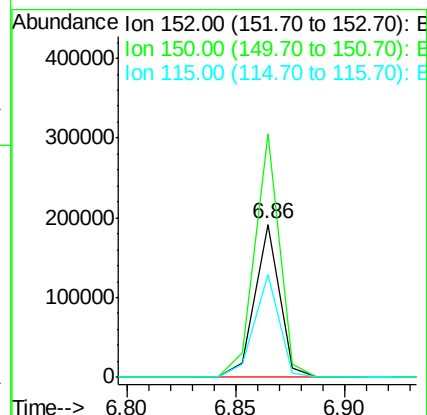
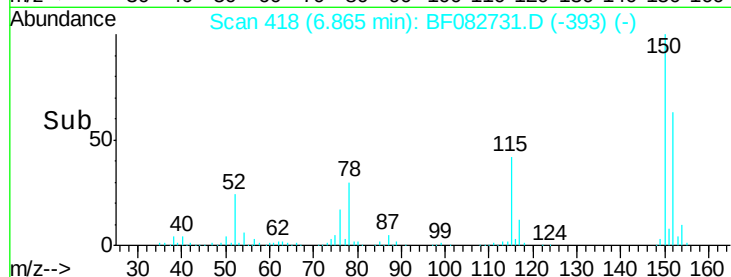
115 66.7 47.0 70.6



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: 116.34 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

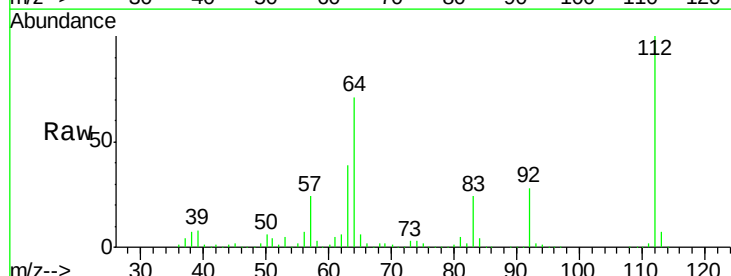
Tgt Ion:112 Resp: 1169794

Ion Ratio Lower Upper

112 100

64 70.8 48.9 73.3

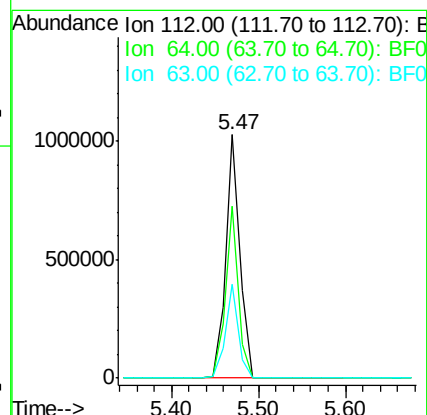
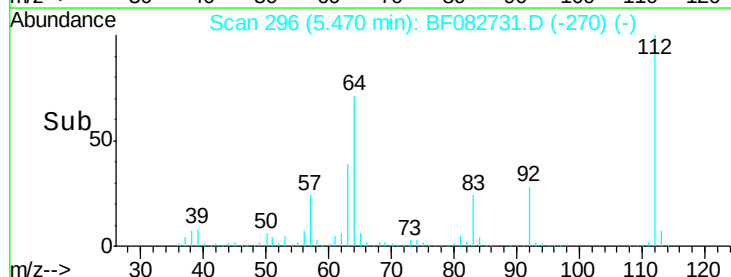
63 38.8 28.1 42.1

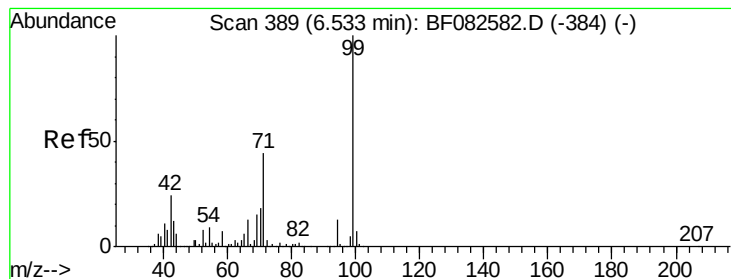


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.97 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

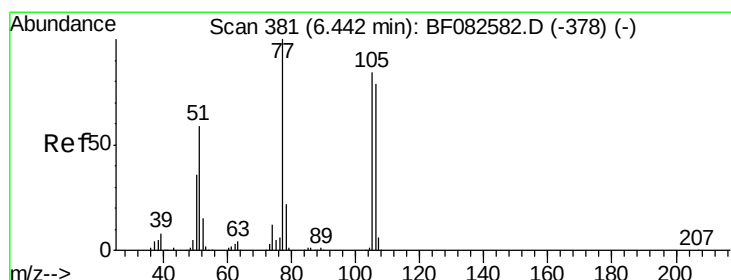
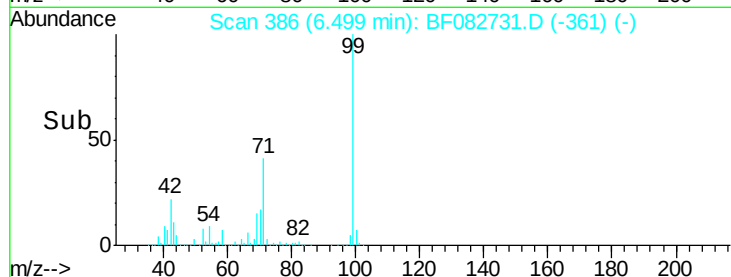
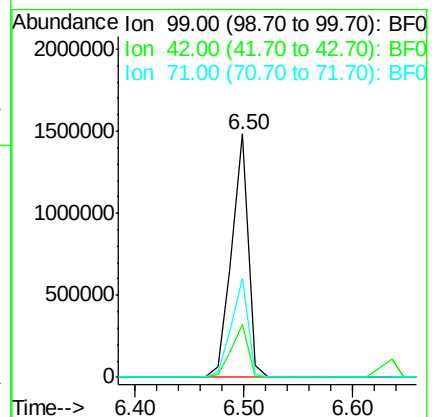
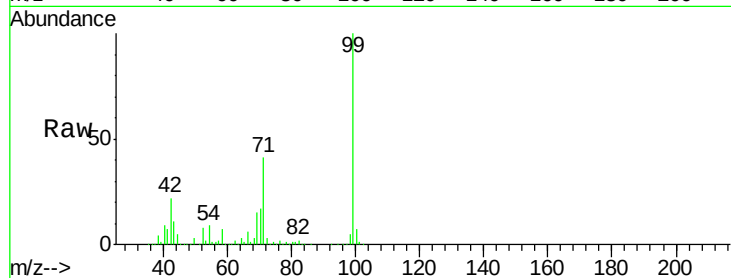
Tgt Ion: 99 Resp: 1562396

Ion Ratio Lower Upper

99 100

42 21.9 19.2 28.8

71 40.7 35.0 52.4



#9

Benzaldehyde

Concen: 4.33 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

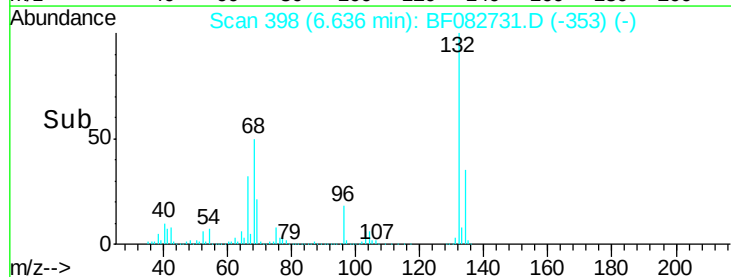
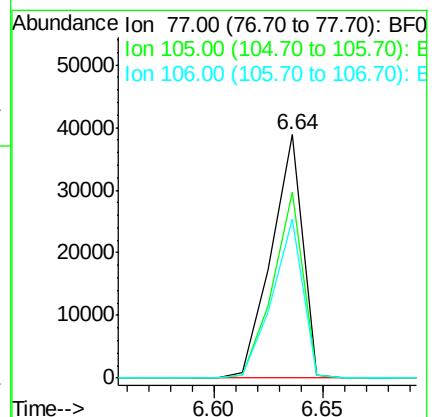
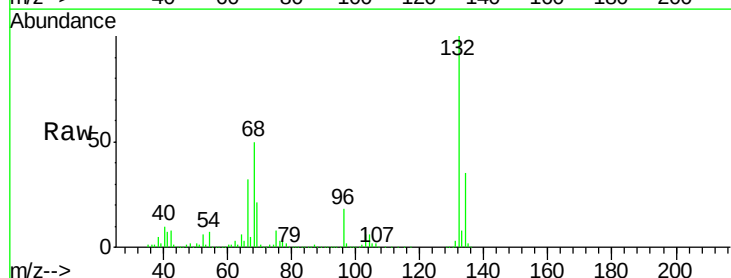
Tgt Ion: 77 Resp: 39489

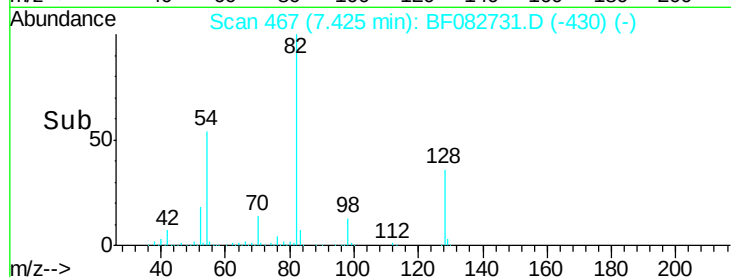
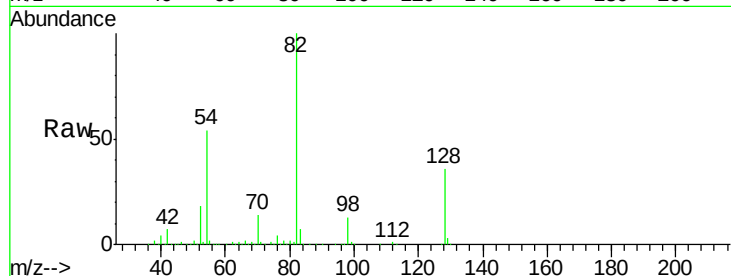
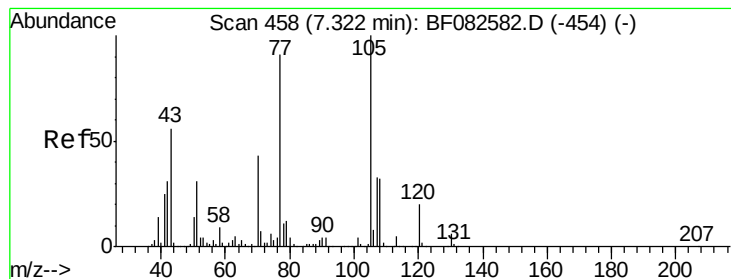
Ion Ratio Lower Upper

77 100

105 76.2 63.5 103.5

106 65.6 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.29 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

Tgt Ion: 70 Resp: 144649

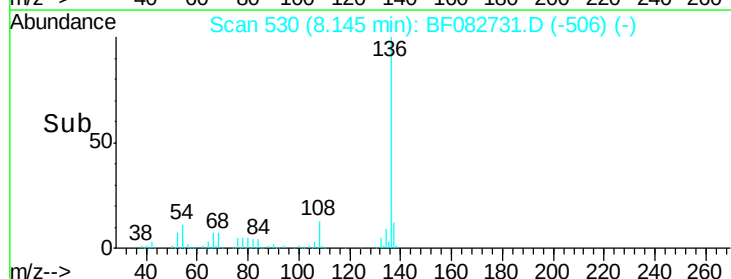
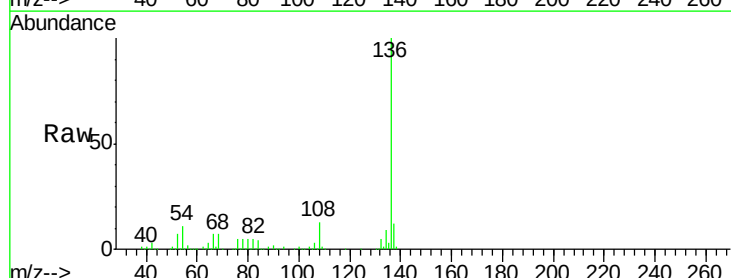
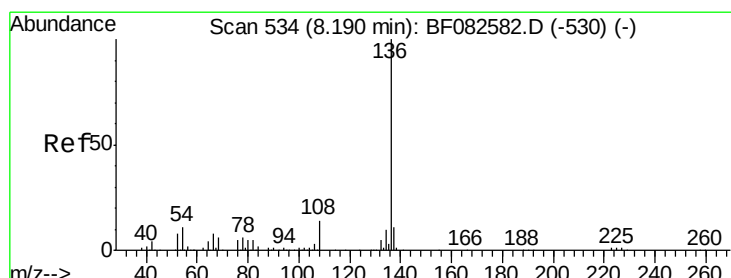
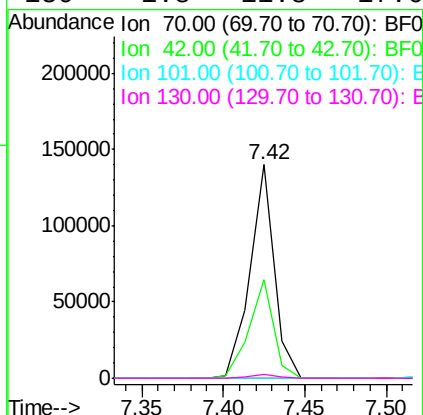
Ion Ratio Lower Upper

70 100

42 46.1 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Tgt Ion: 136 Resp: 529458

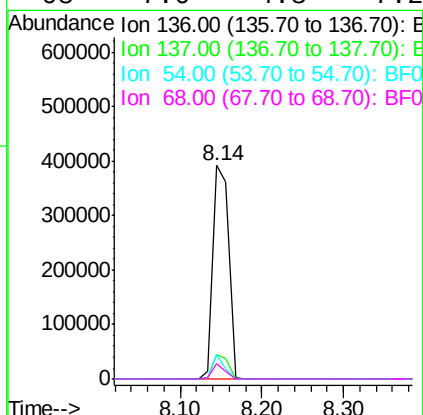
Ion Ratio Lower Upper

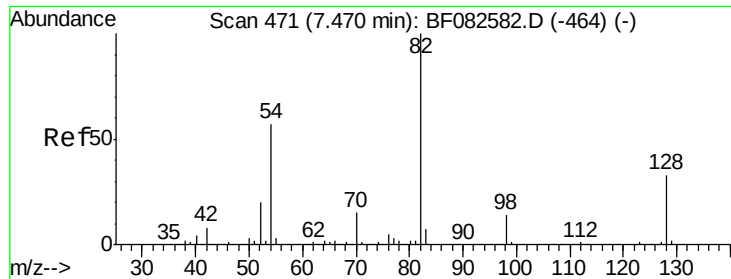
136 100

137 11.6 9.1 13.7

54 11.3 9.1 13.7

68 7.0 4.8 7.2

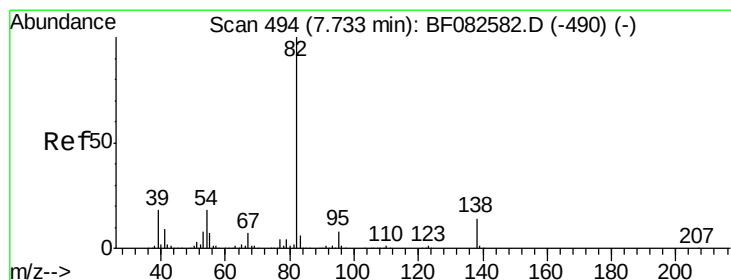
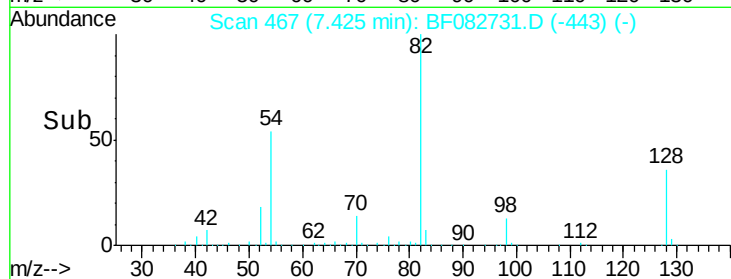
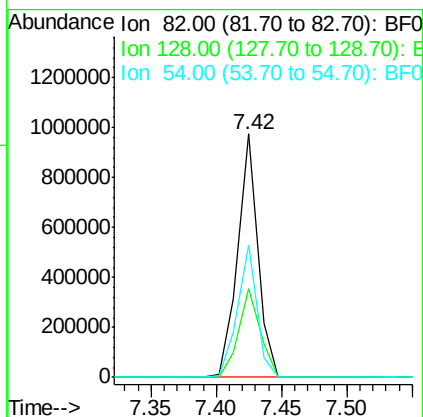
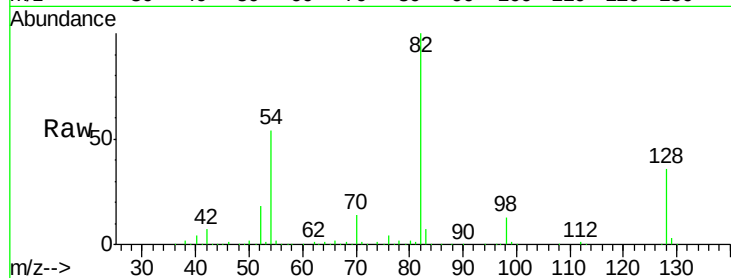




#23
 Nitrobenzene-d5
 Concen: 80.62 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

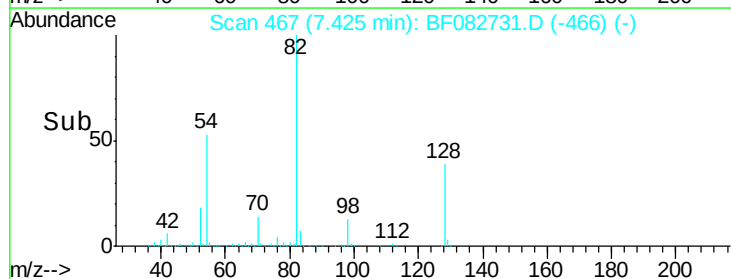
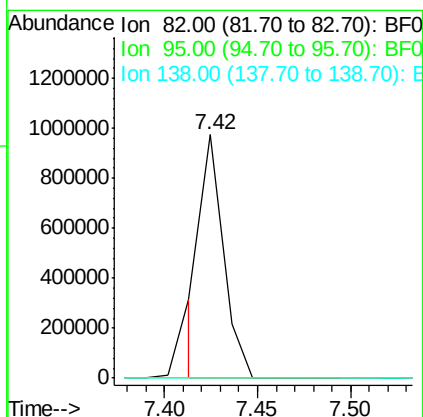
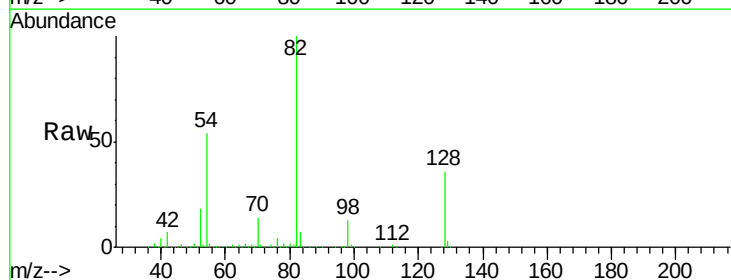
Instrument :
 BNA_F
 ClientSampled :
 SB-4

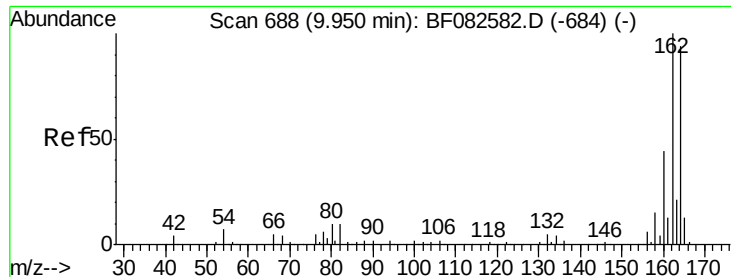
Tgt Ion: 82 Resp: 1045348
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.8 40.2
 54 54.1 45.7 68.5



#25
 Isophorone
 Concen: 34.32 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Tgt Ion: 82 Resp: 818733
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

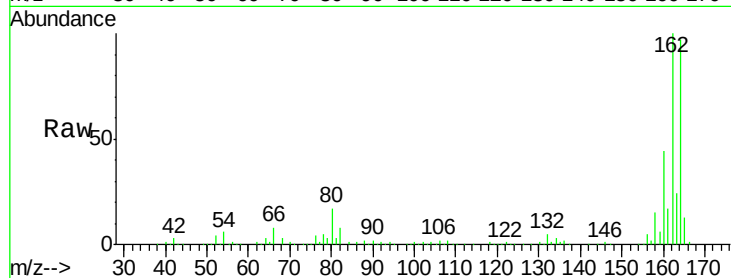
Tgt Ion:164 Resp: 289665

Ion Ratio Lower Upper

164 100

162 103.1 84.9 127.3

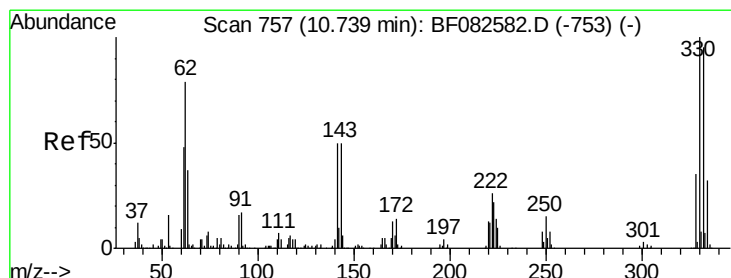
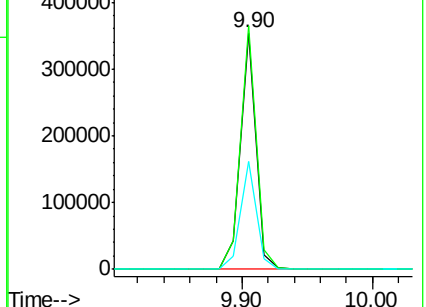
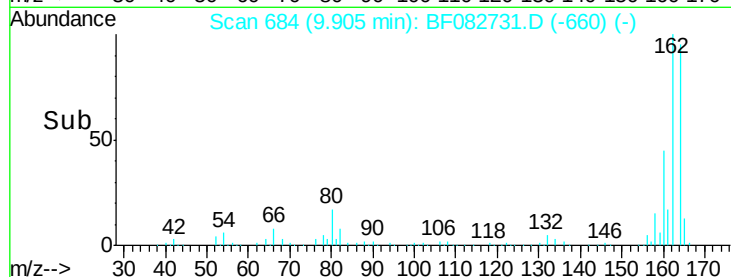
160 45.8 37.5 56.3



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: 130.88 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

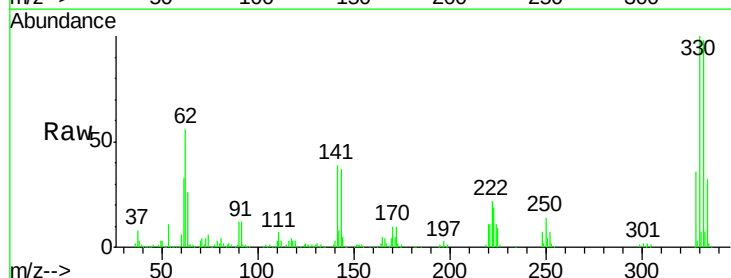
Tgt Ion:330 Resp: 414894

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

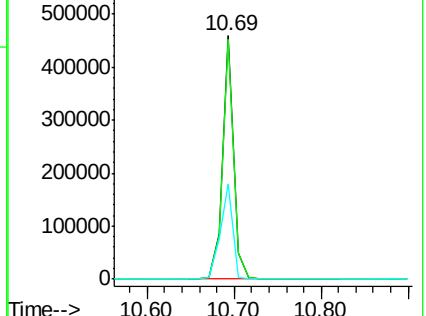
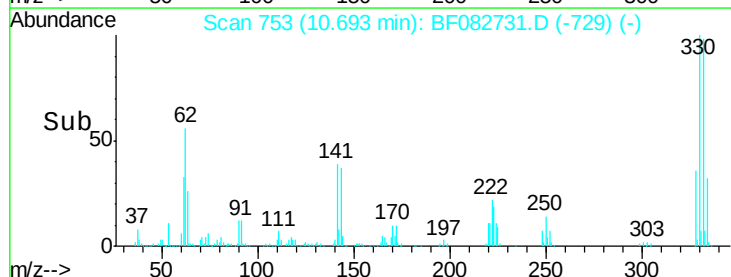
141 43.4 41.2 61.8

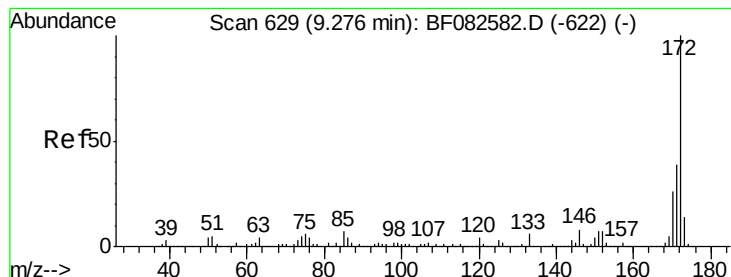


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

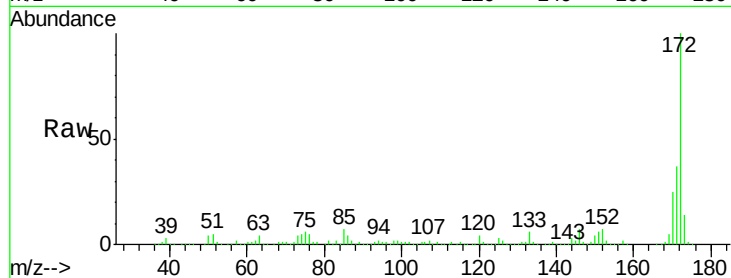




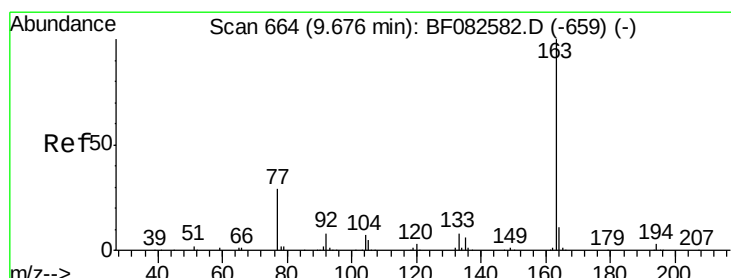
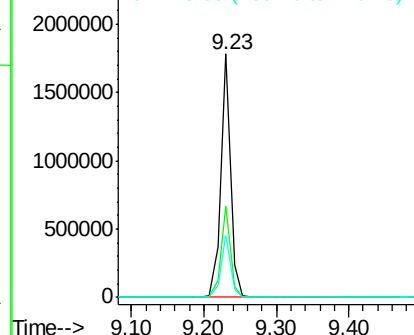
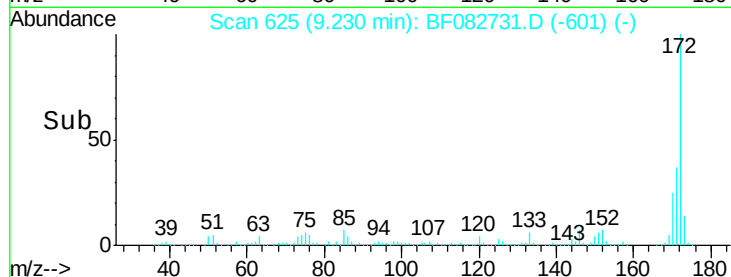
#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:172 Resp: 1667251
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.4 21.2 31.8

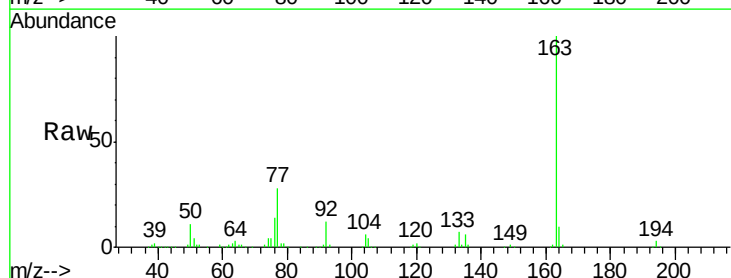


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

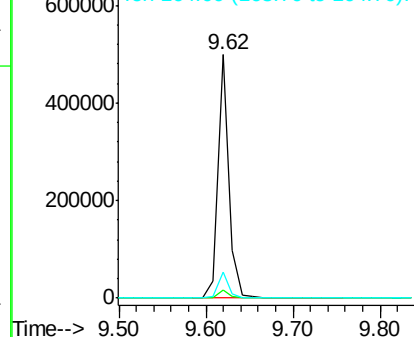
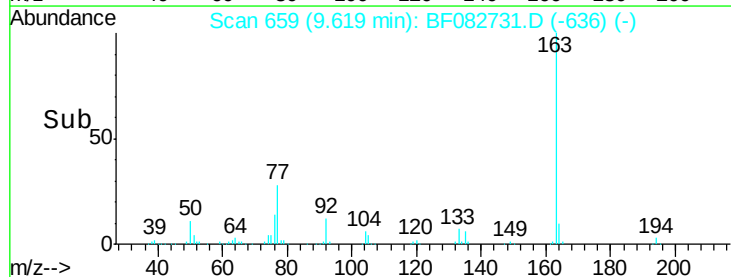


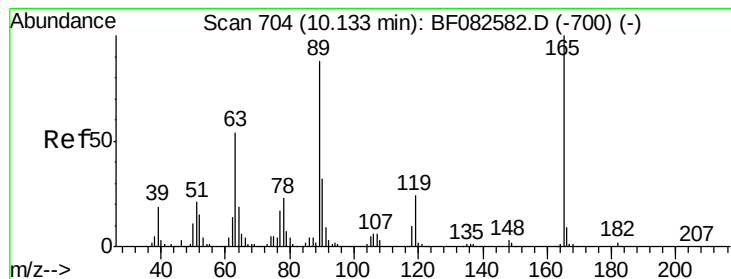
#49
 Dimethylphthalate
 Concen: 18.73 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Tgt Ion:163 Resp: 443126
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.5 8.7 13.1



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





#56

2,4-Dinitrotoluene

Concen: 5.67 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

SB-4

Tgt Ion:165 Resp: 37582

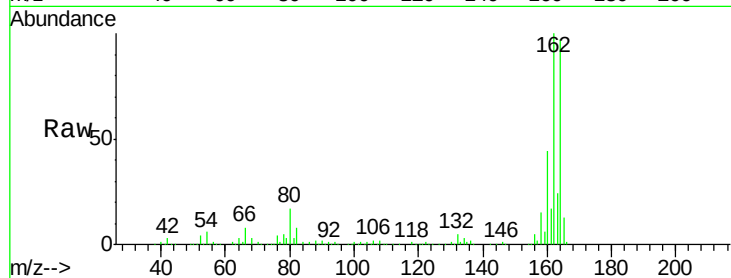
Ion Ratio Lower Upper

165 100

63 1.0 43.4 65.0#

89 1.2 70.6 106.0#

182 0.0 1.5 2.3#

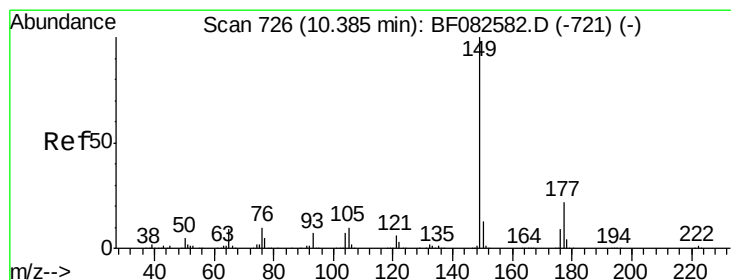
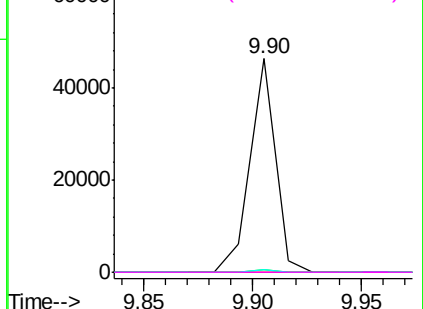
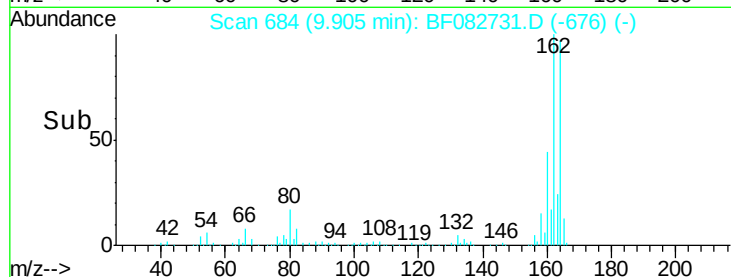


Abundance Ion 165.00 (164.70 to 165.70): E

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



#59

Diethylphthalate

Concen: 2.72 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082731.D

Acq: 5 Nov 2015 16:06

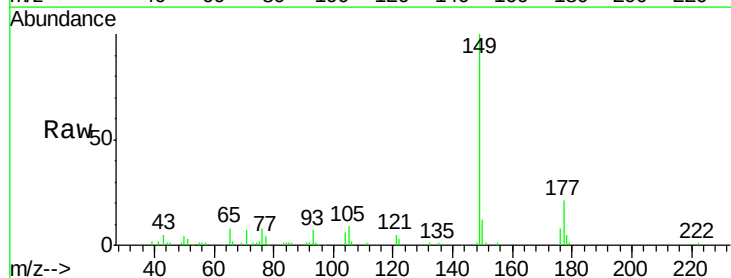
Tgt Ion:149 Resp: 65451

Ion Ratio Lower Upper

149 100

177 20.5 17.9 26.9

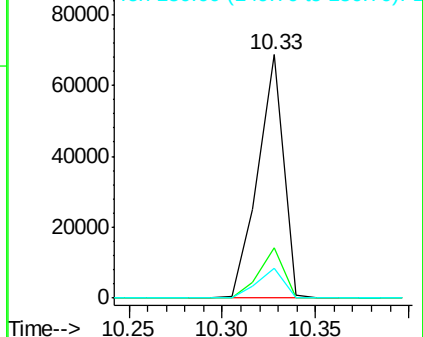
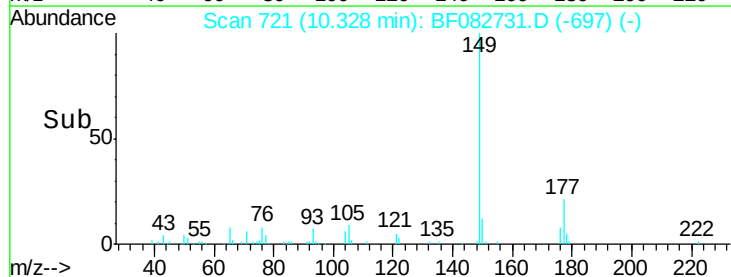
150 12.1 10.1 15.1

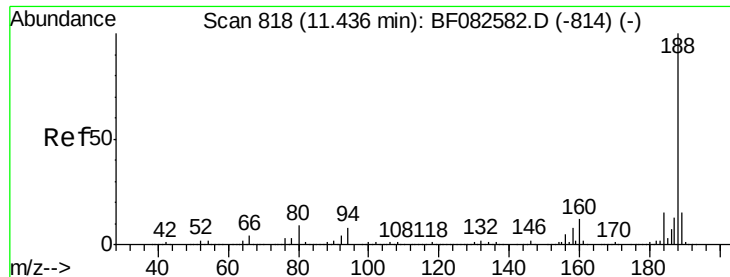


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

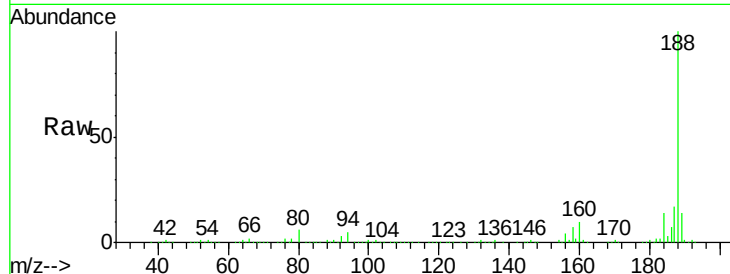




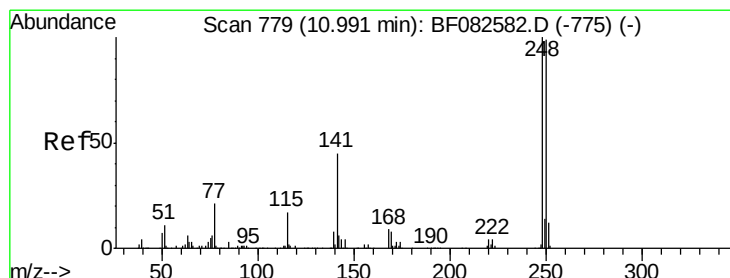
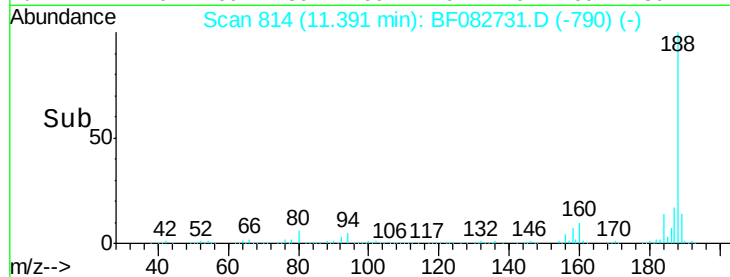
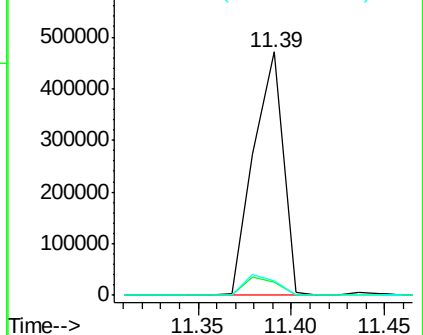
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:188 Resp: 518635
Ion Ratio Lower Upper
188 100
94 5.3 6.1 9.1#
80 5.8 7.0 10.6#

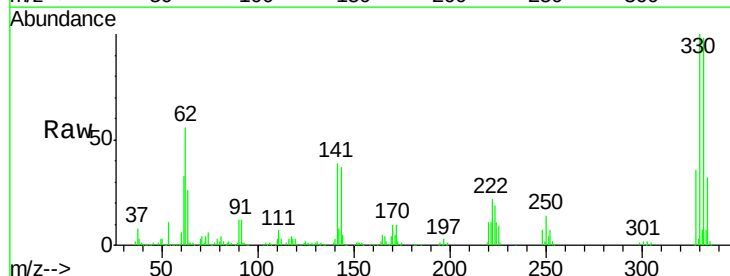


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

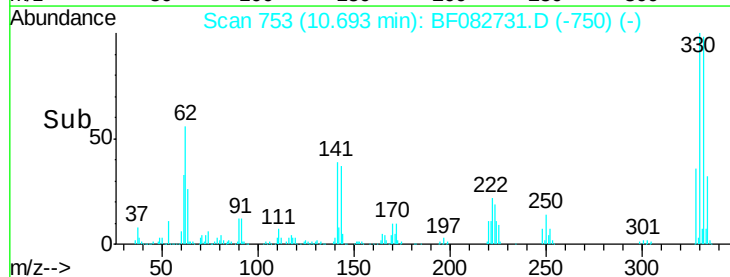
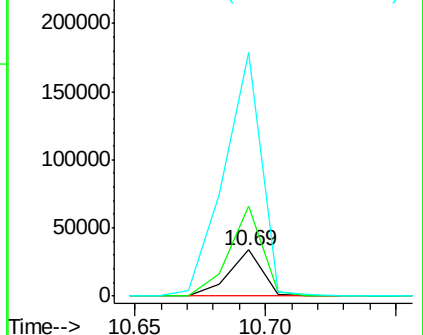


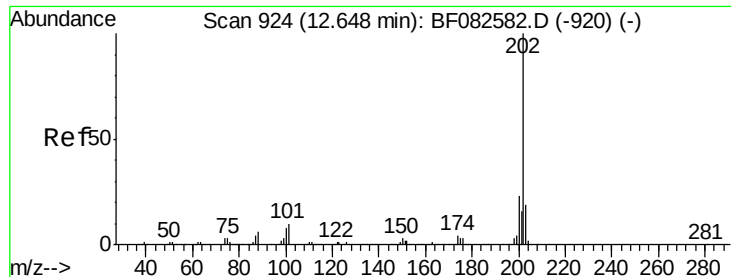
#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Tgt Ion:248 Resp: 30081
Ion Ratio Lower Upper
248 100
250 196.0 79.4 119.2#
141 526.4 36.3 54.5#



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

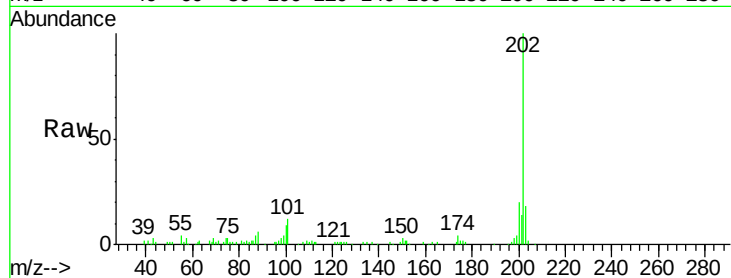




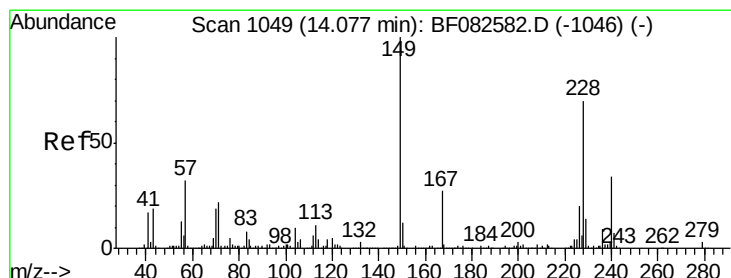
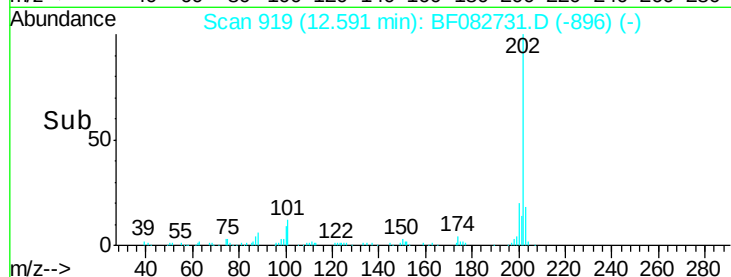
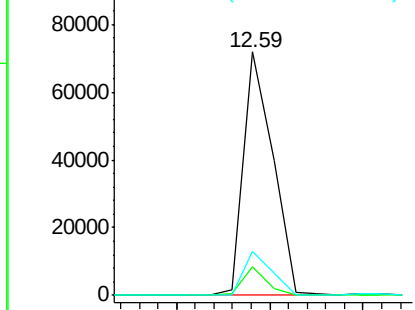
#74
Fluoranthene
Concen: 2.63 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:202 Resp: 78659
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.5
203 18.0 0.0 38.5

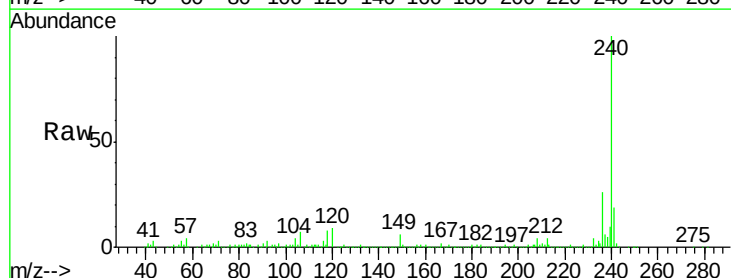


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

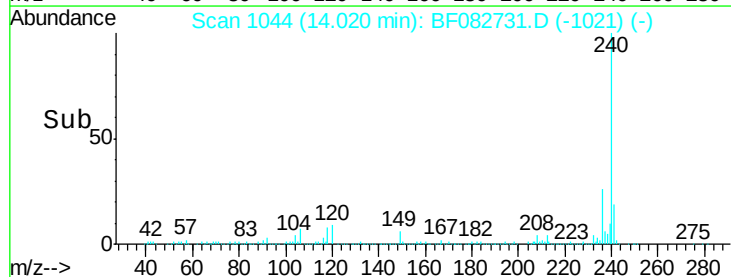
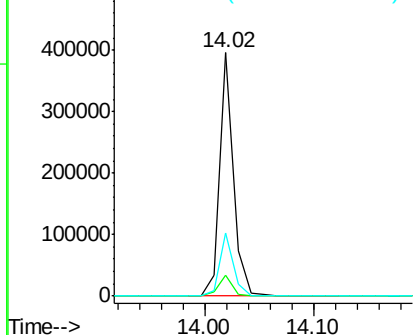


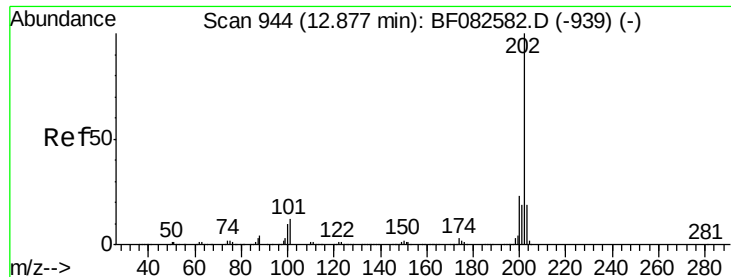
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Tgt Ion:240 Resp: 350983
Ion Ratio Lower Upper
240 100
120 8.7 10.9 16.3#
236 25.8 21.6 32.4



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

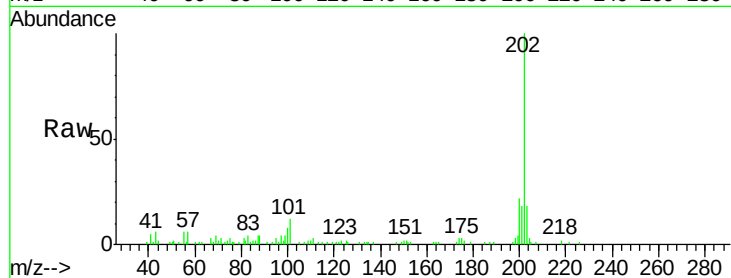




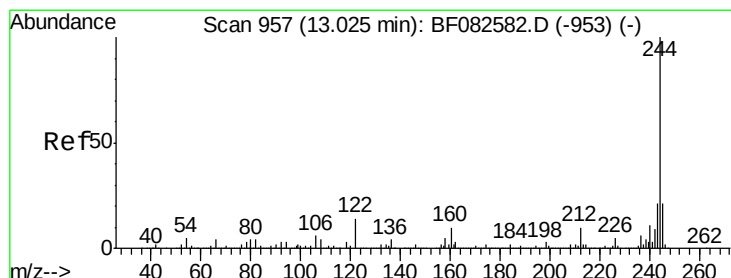
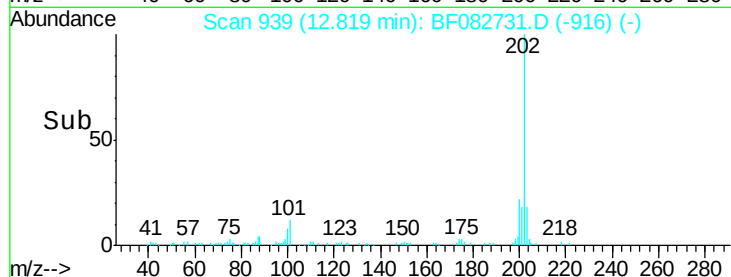
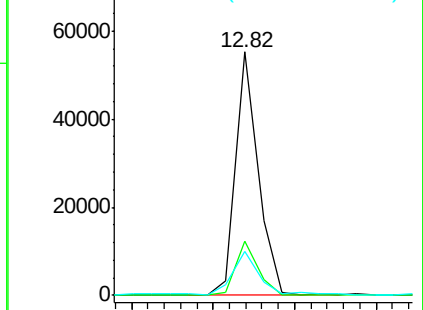
#77
 Pyrene
 Concen: 2.03 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion: 202 Resp: 52655
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.7 28.1
 203 18.2 14.8 22.2

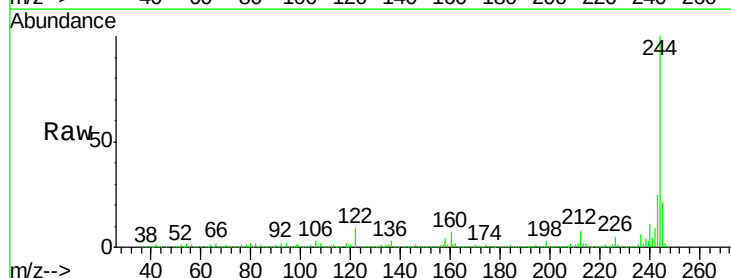


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

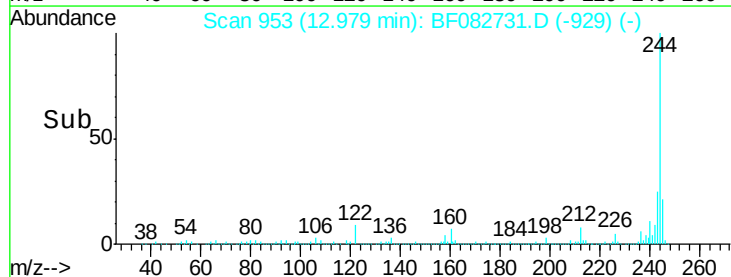
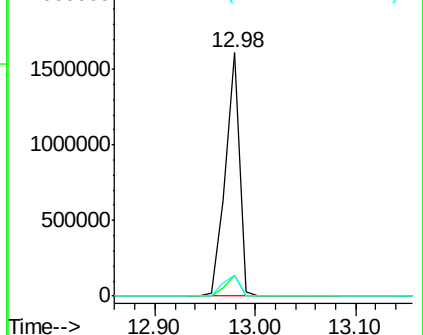


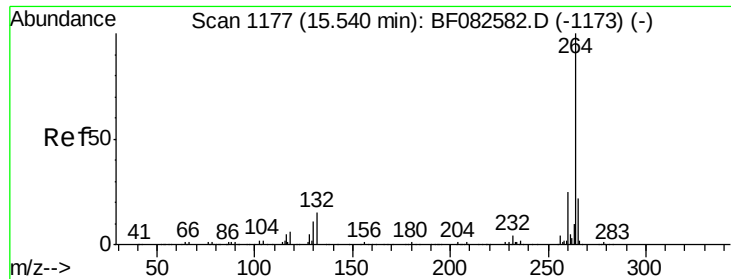
#78
 Terphenyl-d14
 Concen: 98.34 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082731.D
 Acq: 5 Nov 2015 16:06

Tgt Ion: 244 Resp: 1577132
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 8.8 11.3 16.9#



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: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082731.D
Acq: 5 Nov 2015 16:06

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 264 Resp: 311198
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.4 17.4 26.0

