

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082628.D
 Acq On : 31 Oct 2015 18:29
 Operator : UM/IZ
 Sample : G4180-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Nov 02 00:36:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

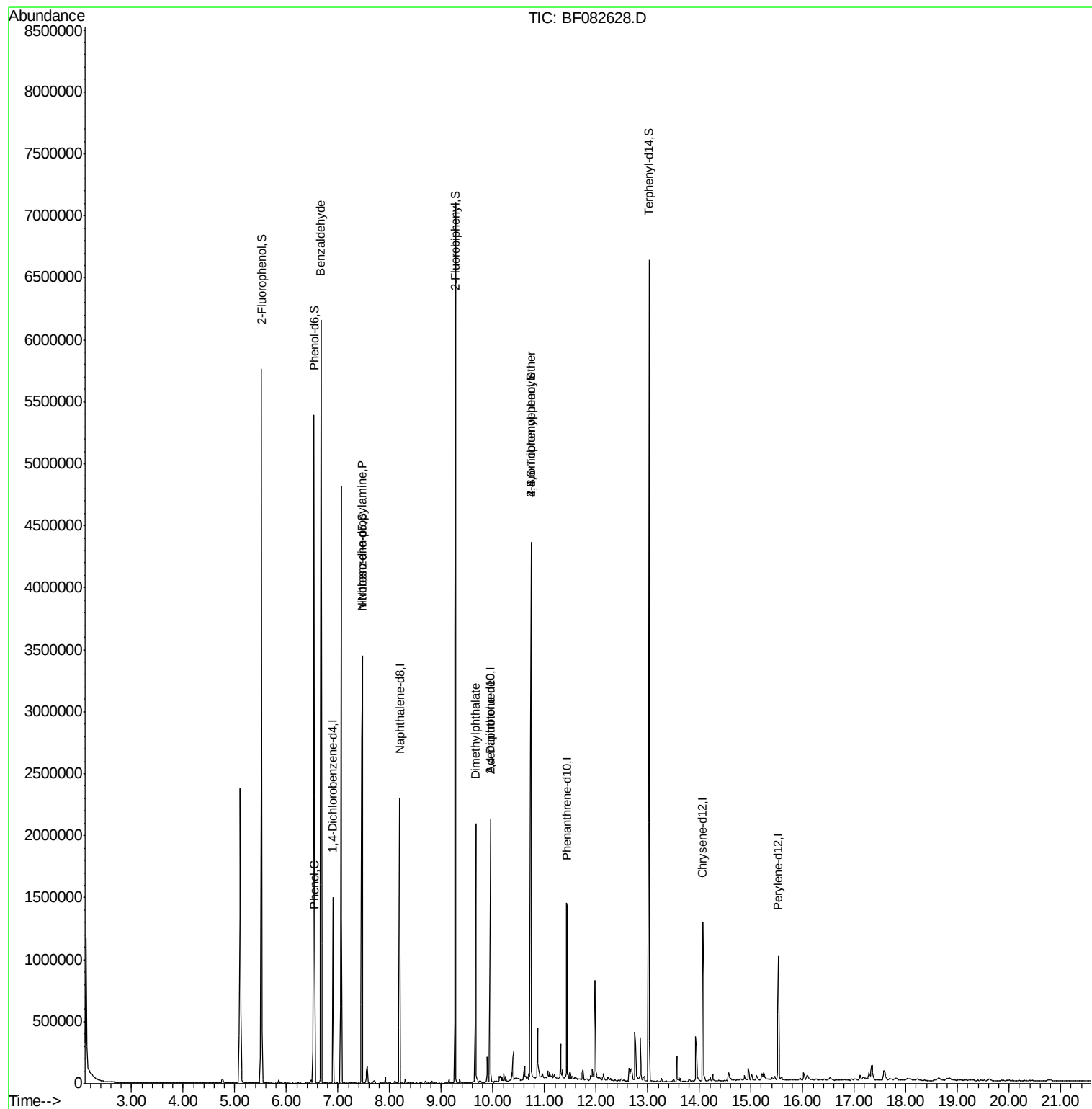
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	225281	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	892055	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	462358	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	770629	20.00	ng	0.00
75) Chrysene-d12	14.07	240	535431	20.00	ng	-0.01
86) Perylene-d12	15.53	264	487052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1481117	99.02	ng	0.01
7) Phenol-d6	6.53	99	1949904	98.13	ng	0.00
23) Nitrobenzene-d5	7.47	82	1629251	74.58	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	592977	117.19	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2442721	75.01	ng	0.00
78) Terphenyl-d14	13.03	244	1911073	78.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	45475	3.35	ng	87
10) Phenol	6.54	94	52205	2.32	ng	91
19) n-Nitroso-di-n-propylamine	7.47	70	231734	15.38	ng	# 65
49) Dimethylphthalate	9.66	163	742973	19.68	ng	99
56) 2,4-Dinitrotoluene	9.95	165	58666	5.54	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	40667	4.66	ng	# 1

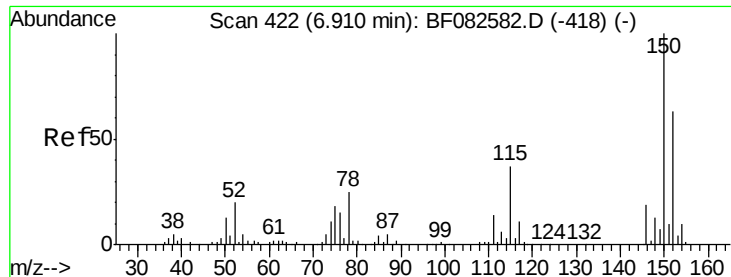
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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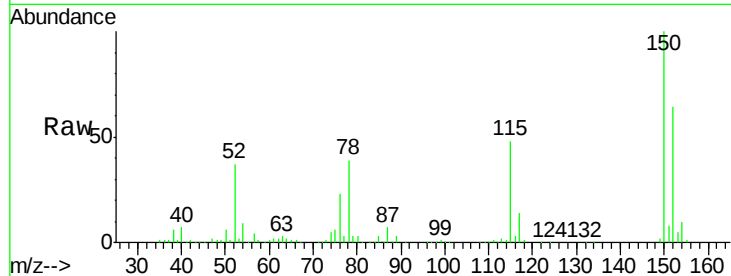


#1

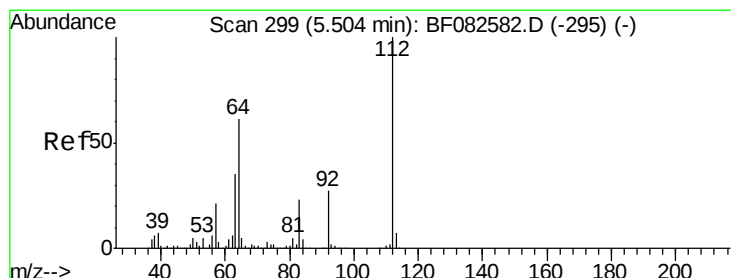
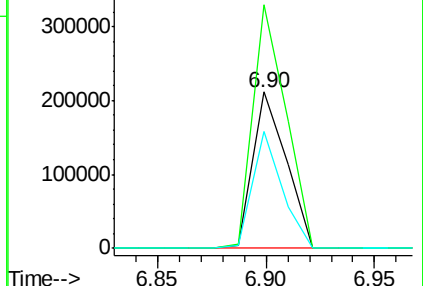
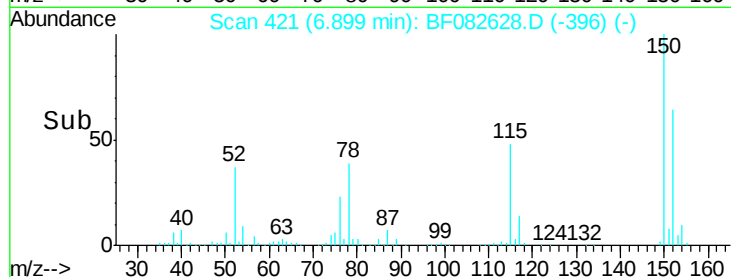
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082628.D
Acq: 31 Oct 2015 18:29

Instrument :
BNA_F
ClientSampled :
S3

Tgt Ion:152 Resp: 225281
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 75.0 47.0 70.6#



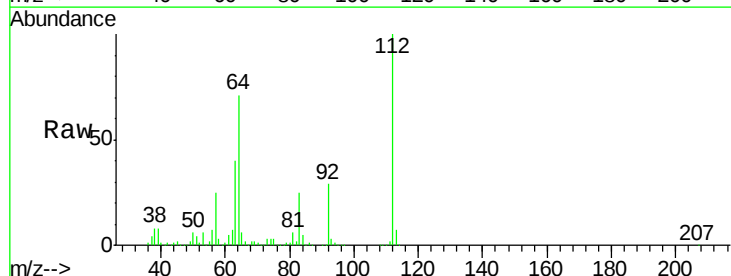
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



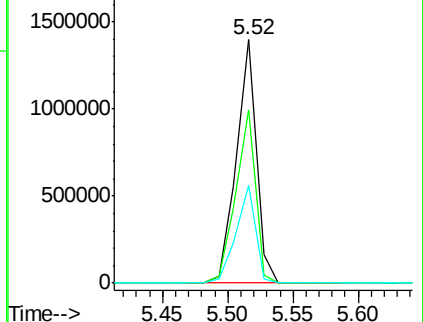
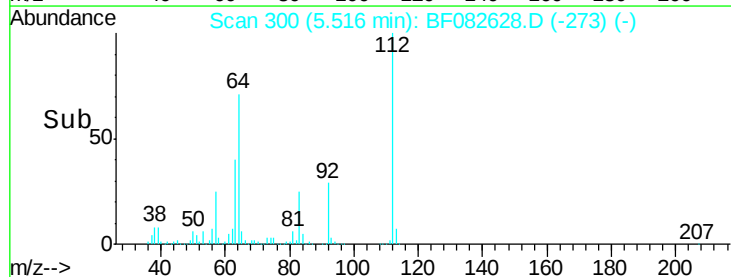
#5

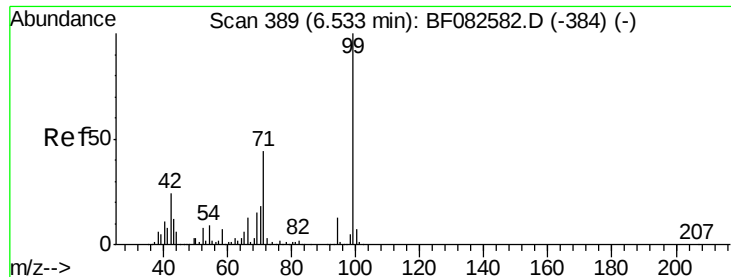
2-Fluorophenol
Concen: 99.02 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082628.D
Acq: 31 Oct 2015 18:29

Tgt Ion:112 Resp: 1481117
Ion Ratio Lower Upper
112 100
64 70.9 48.9 73.3
63 40.1 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: 98.13 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

S3

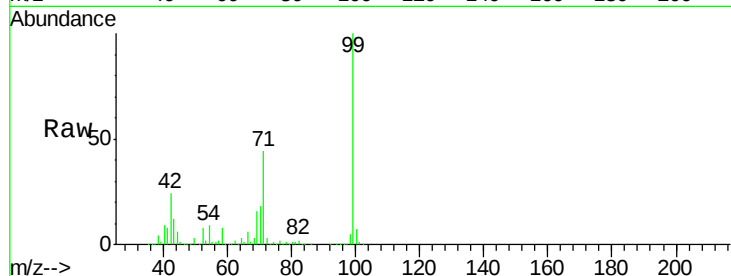
Tgt Ion: 99 Resp: 1949904

Ion Ratio Lower Upper

99 100

42 23.8 19.2 28.8

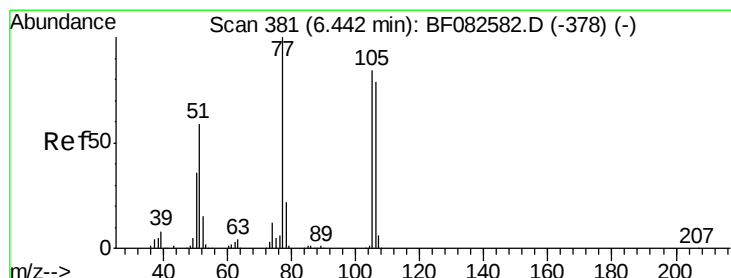
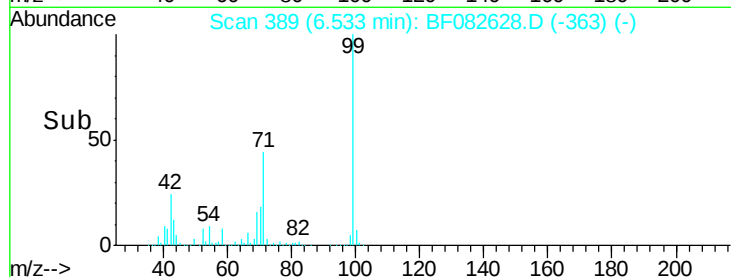
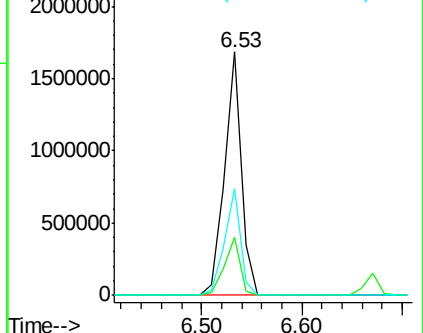
71 43.6 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.35 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

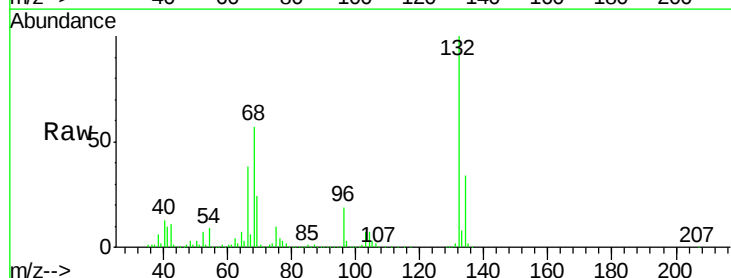
Tgt Ion: 77 Resp: 45475

Ion Ratio Lower Upper

77 100

105 75.3 63.5 103.5

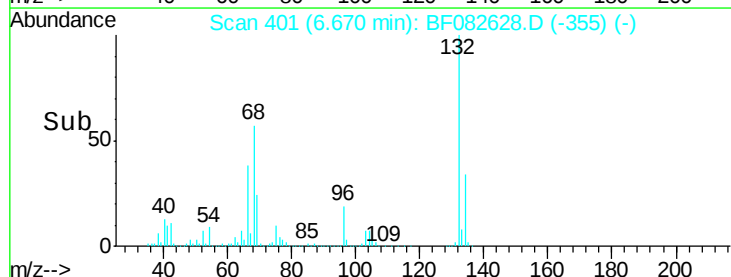
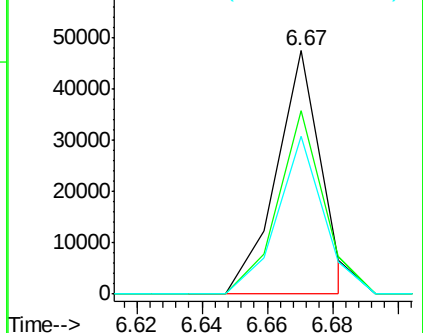
106 64.9 59.3 99.3

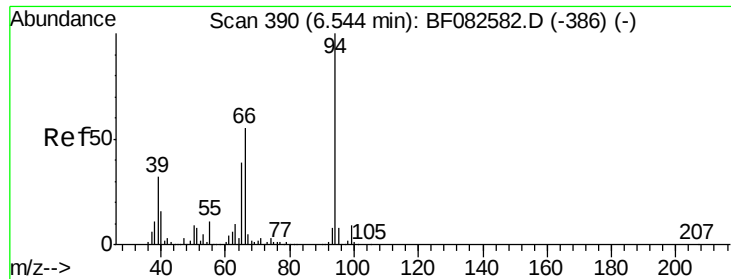


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.32 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

S3

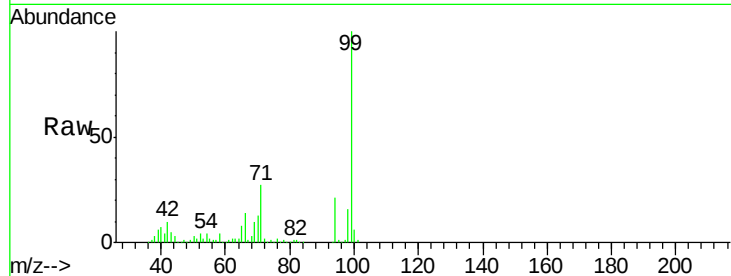
Tgt Ion: 94 Resp: 52205

Ion Ratio Lower Upper

94 100

65 39.1 18.9 58.9

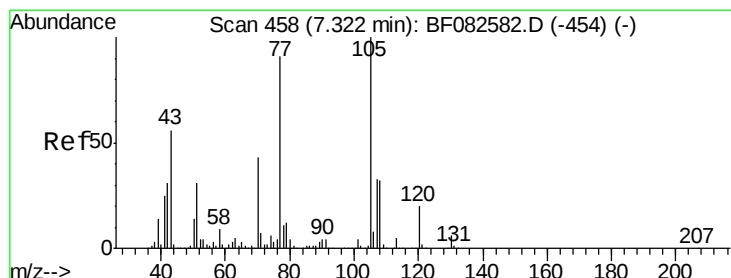
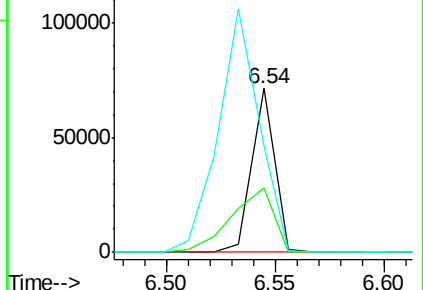
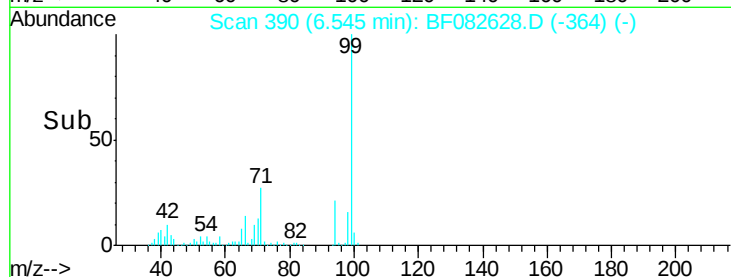
66 65.4 34.9 74.9



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: 15.38 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

Tgt Ion: 70 Resp: 231734

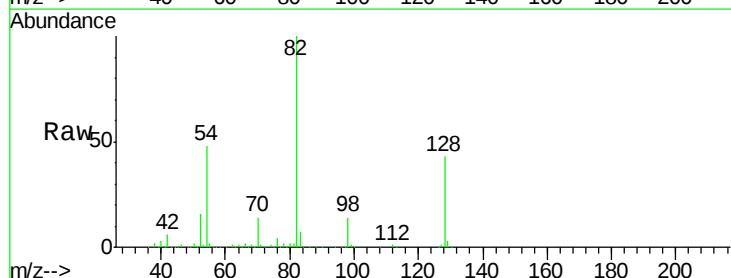
Ion Ratio Lower Upper

70 100

42 41.6 57.7 86.5#

101 0.0 7.0 10.6#

130 2.2 11.8 17.6#

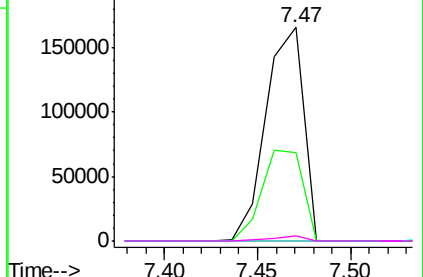
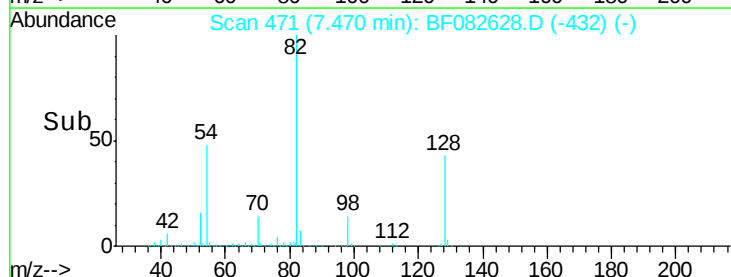


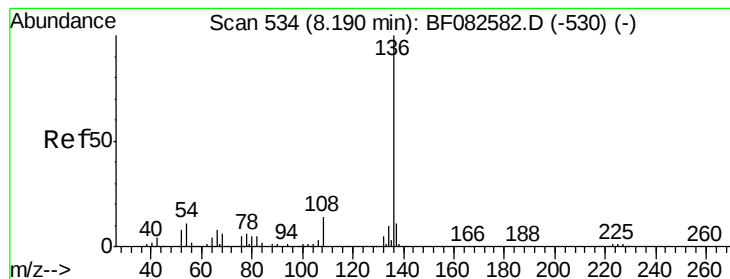
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

S3

Tgt Ion: 136 Resp: 892055

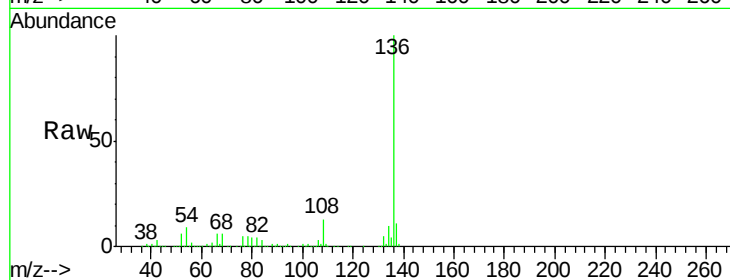
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.2 9.1 13.7

68 5.6 4.8 7.2

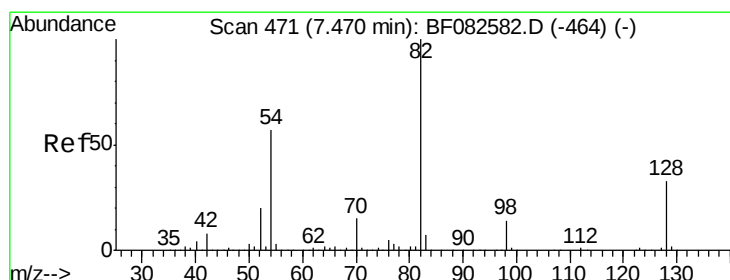
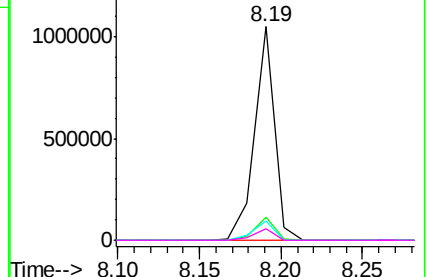
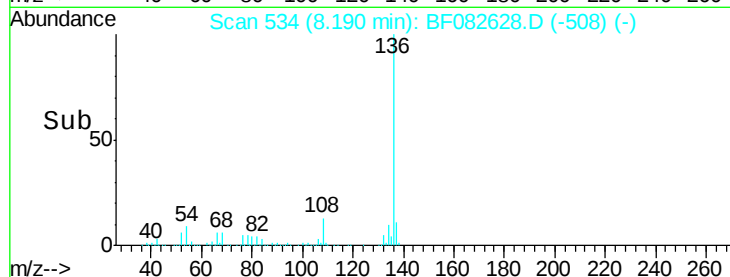


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.58 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

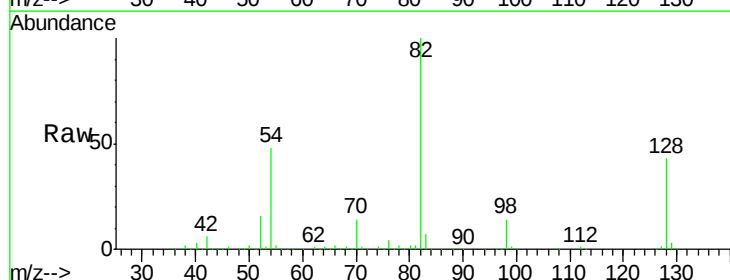
Tgt Ion: 82 Resp: 1629251

Ion Ratio Lower Upper

82 100

128 43.2 26.8 40.2#

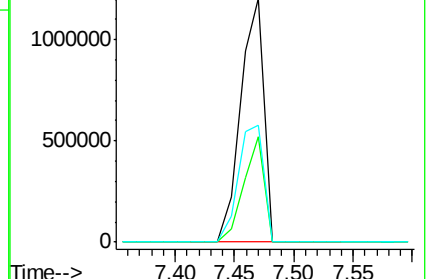
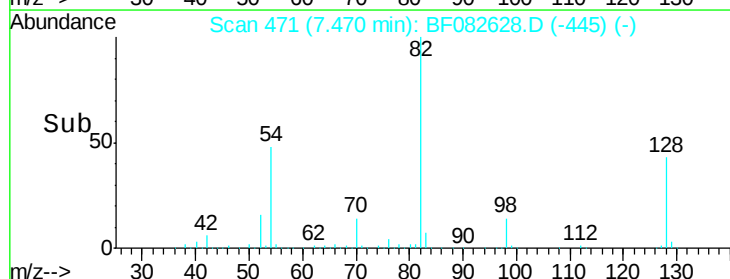
54 47.8 45.7 68.5

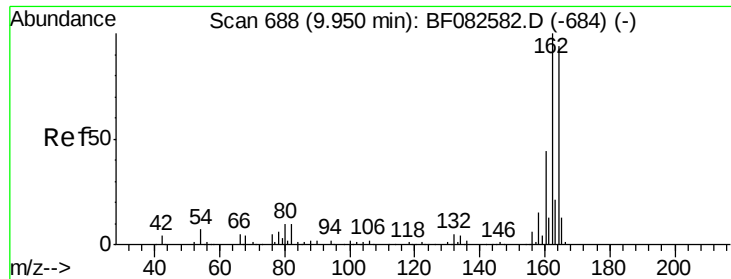


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

S3

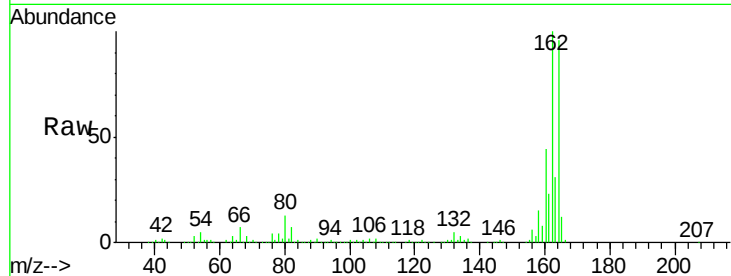
Tgt Ion:164 Resp: 462358

Ion Ratio Lower Upper

164 100

162 104.0 84.9 127.3

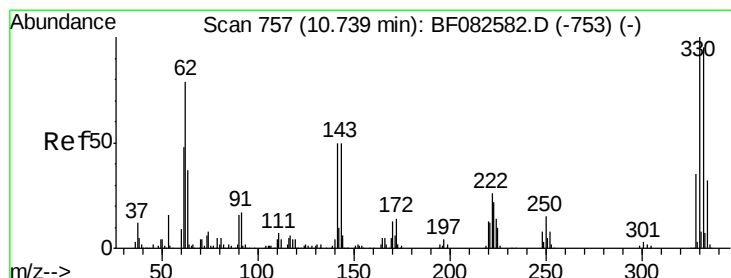
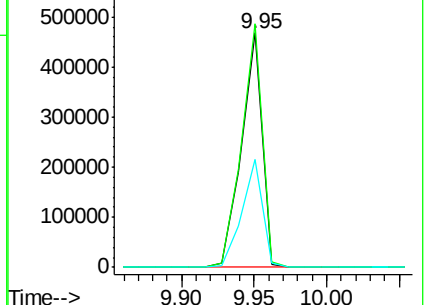
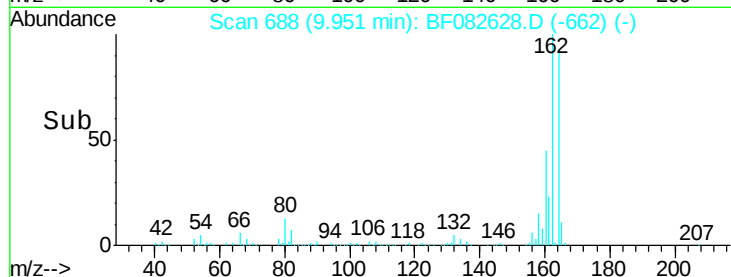
160 46.2 37.5 56.3



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: 117.19 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

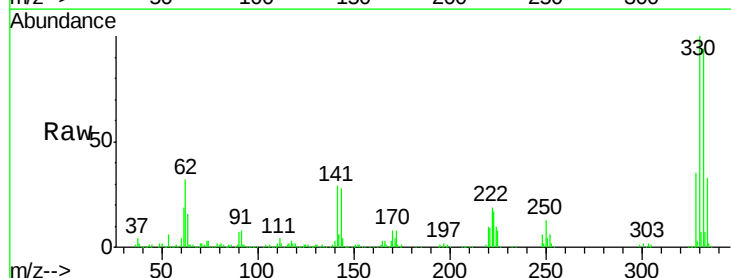
Tgt Ion:330 Resp: 592977

Ion Ratio Lower Upper

330 100

332 94.2 76.6 114.8

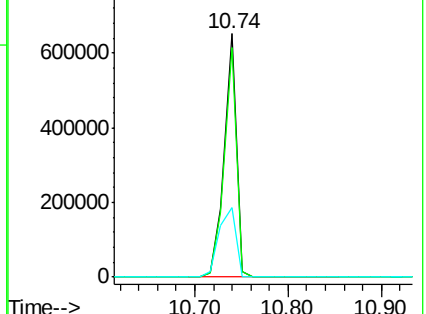
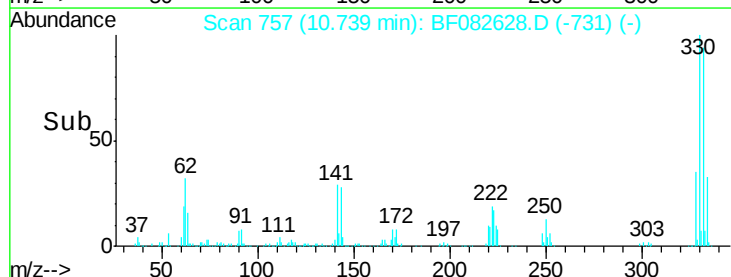
141 39.7 41.2 61.8#

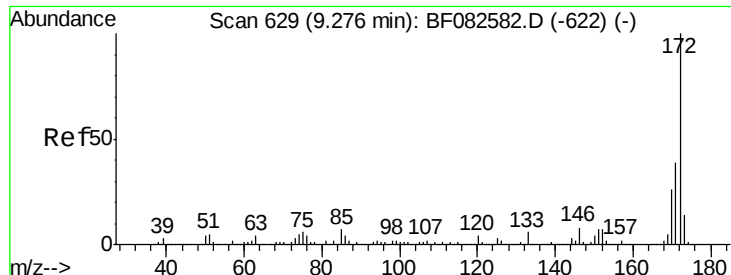


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

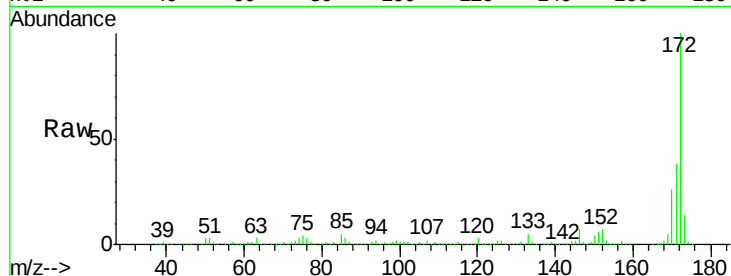




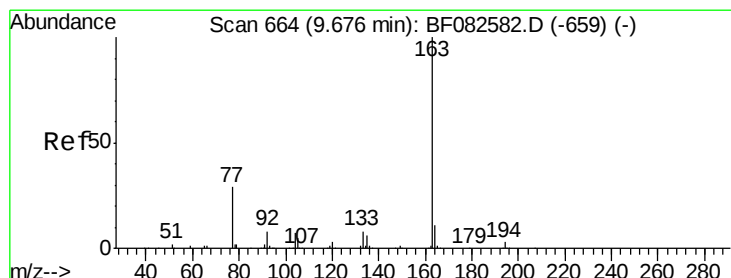
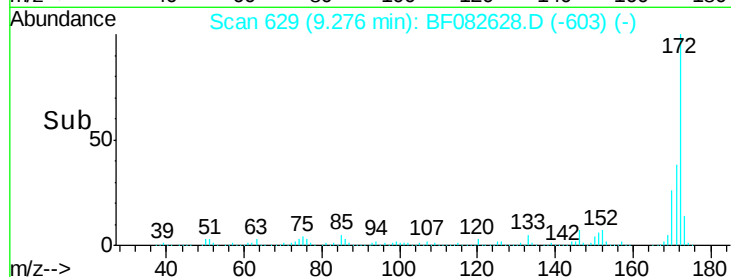
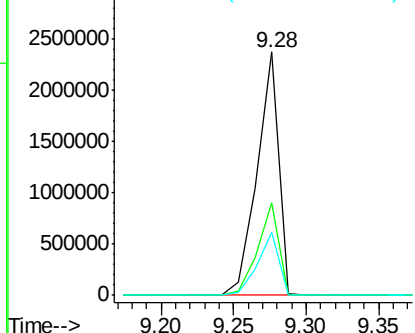
#44
 2-Fluorobiphenyl
 Concen: 75.01 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082628.D
 Acq: 31 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampled :
 S3

Tgt Ion:172 Resp: 2442721
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.1 21.2 31.8

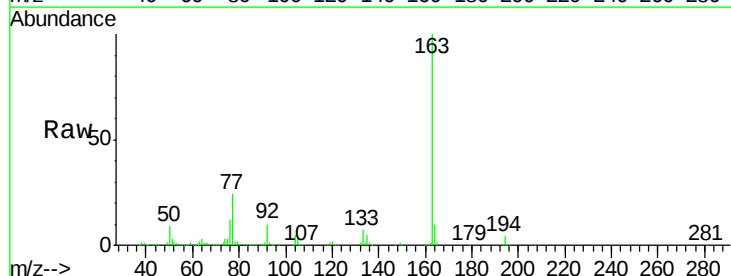


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

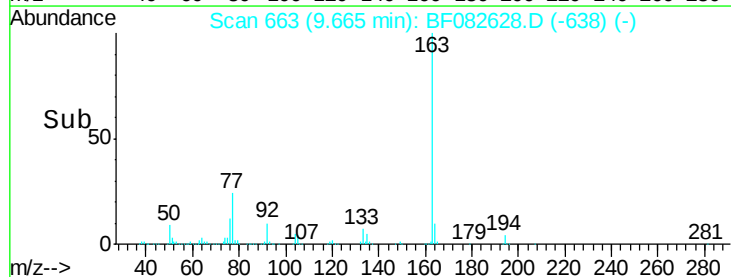
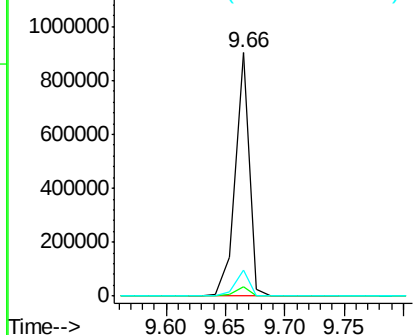


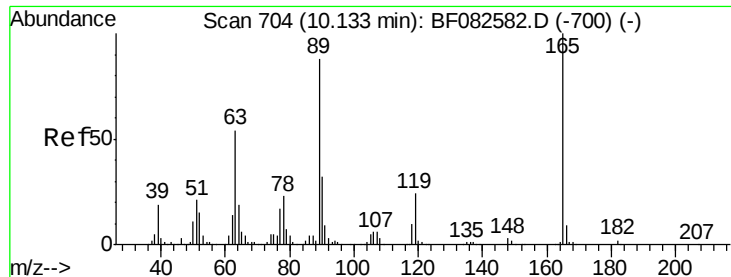
#49
 Dimethylphthalate
 Concen: 19.68 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF082628.D
 Acq: 31 Oct 2015 18:29

Tgt Ion:163 Resp: 742973
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 10.4 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

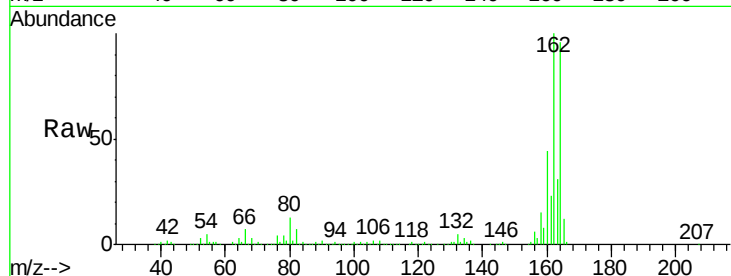




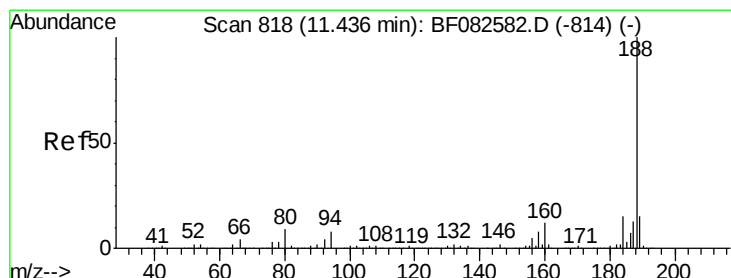
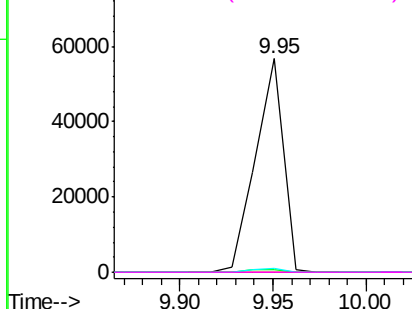
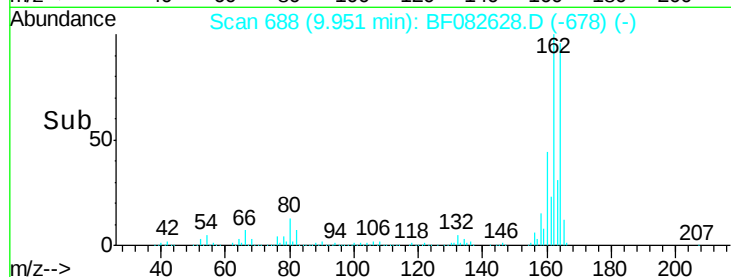
#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.18 min
Lab File: BF082628.D
Acq: 31 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
S3

Tgt Ion:165 Resp: 58666
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 2.0 70.6 106.0#
182 0.0 1.5 2.3#

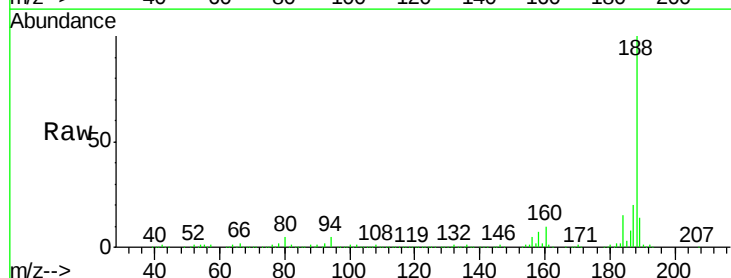


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

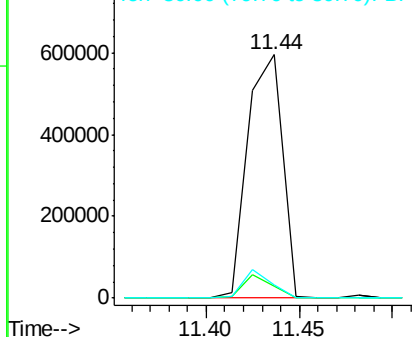
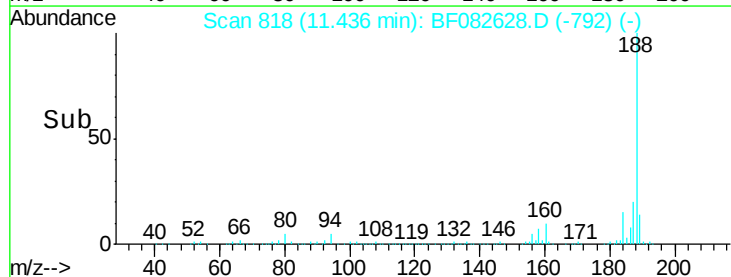


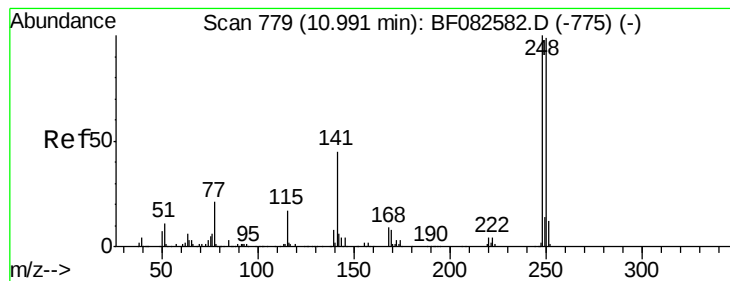
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF082628.D
Acq: 31 Oct 2015 18:29

Tgt Ion:188 Resp: 770629
Ion Ratio Lower Upper
188 100
94 4.9 6.1 9.1#
80 5.3 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: 4.66 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

Instrument :

BNA_F

ClientSampled :

S3

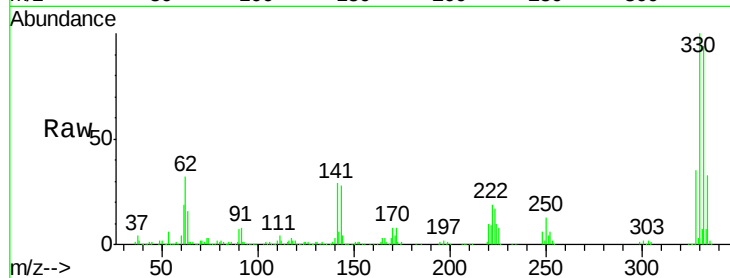
Tgt Ion:248 Resp: 40667

Ion Ratio Lower Upper

248 100

250 207.5 79.4 119.2#

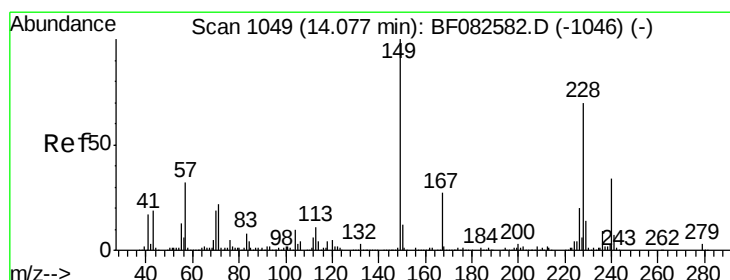
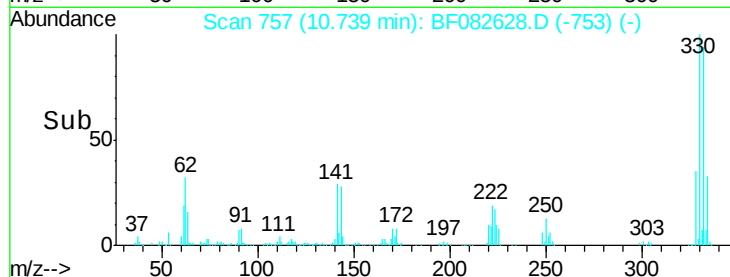
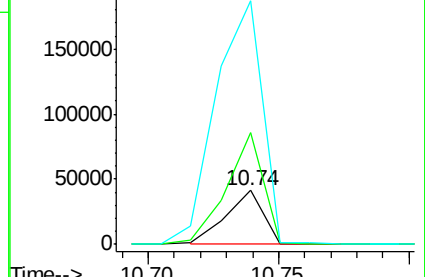
141 452.0 36.3 54.5#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF082628.D

Acq: 31 Oct 2015 18:29

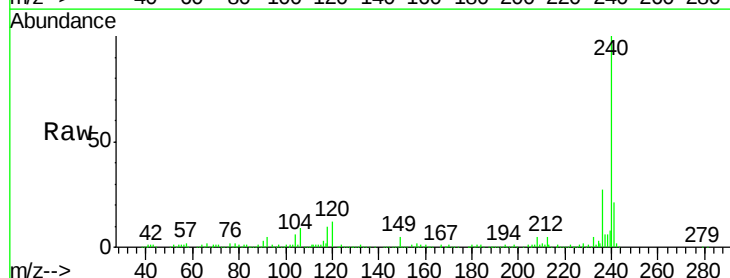
Tgt Ion:240 Resp: 535431

Ion Ratio Lower Upper

240 100

120 11.8 10.9 16.3

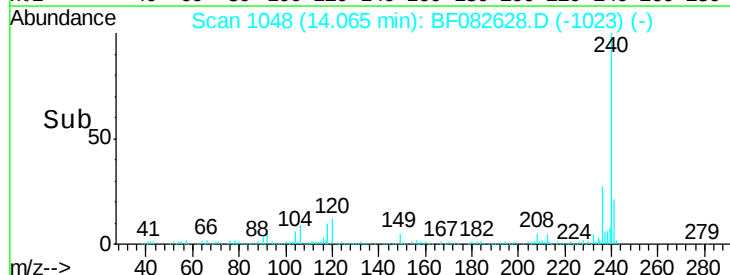
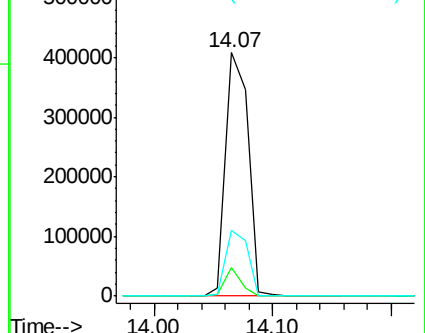
236 26.8 21.6 32.4

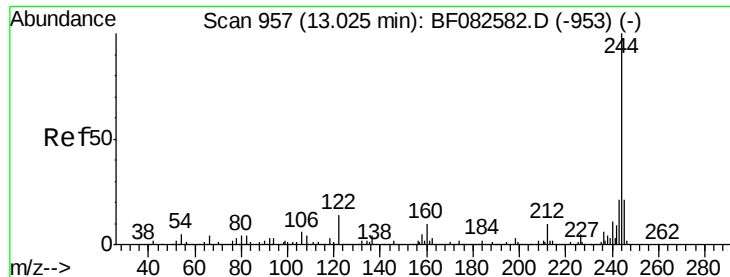


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

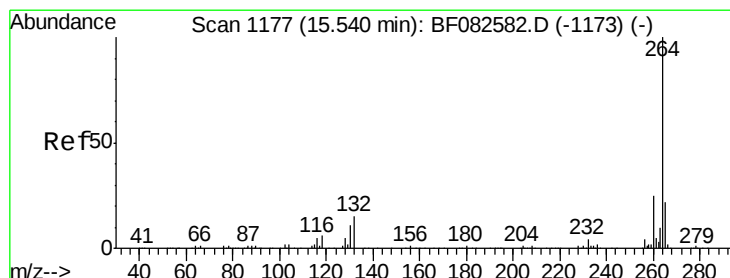
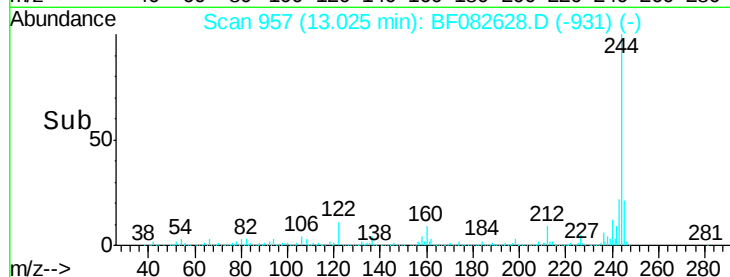
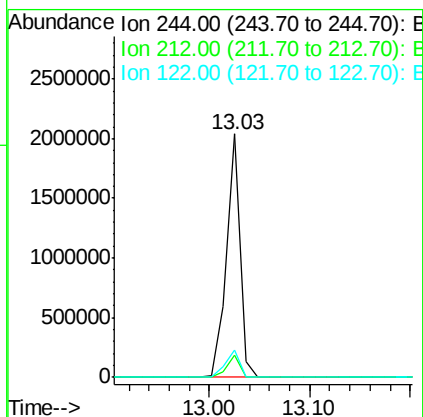
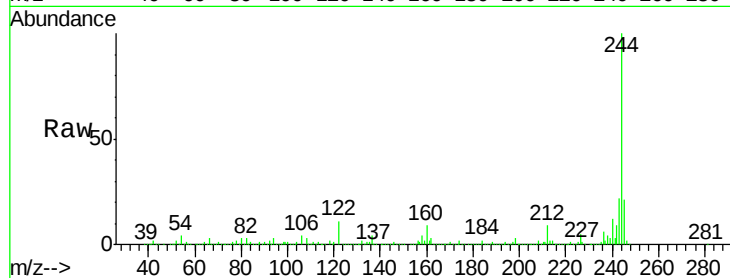




#78
 Terphenyl-d14
 Concen: 78.11 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF082628.D
 Acq: 31 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampled :
 S3

Tgt Ion:244 Resp: 1911073
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.6 11.4
 122 11.5 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF082628.D
 Acq: 31 Oct 2015 18:29

Tgt Ion:264 Resp: 487052
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 22.0 17.4 26.0

