

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082981.D
 Acq On : 17 Nov 2015 22:32
 Operator : UM/IZ
 Sample : G4426-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:29:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

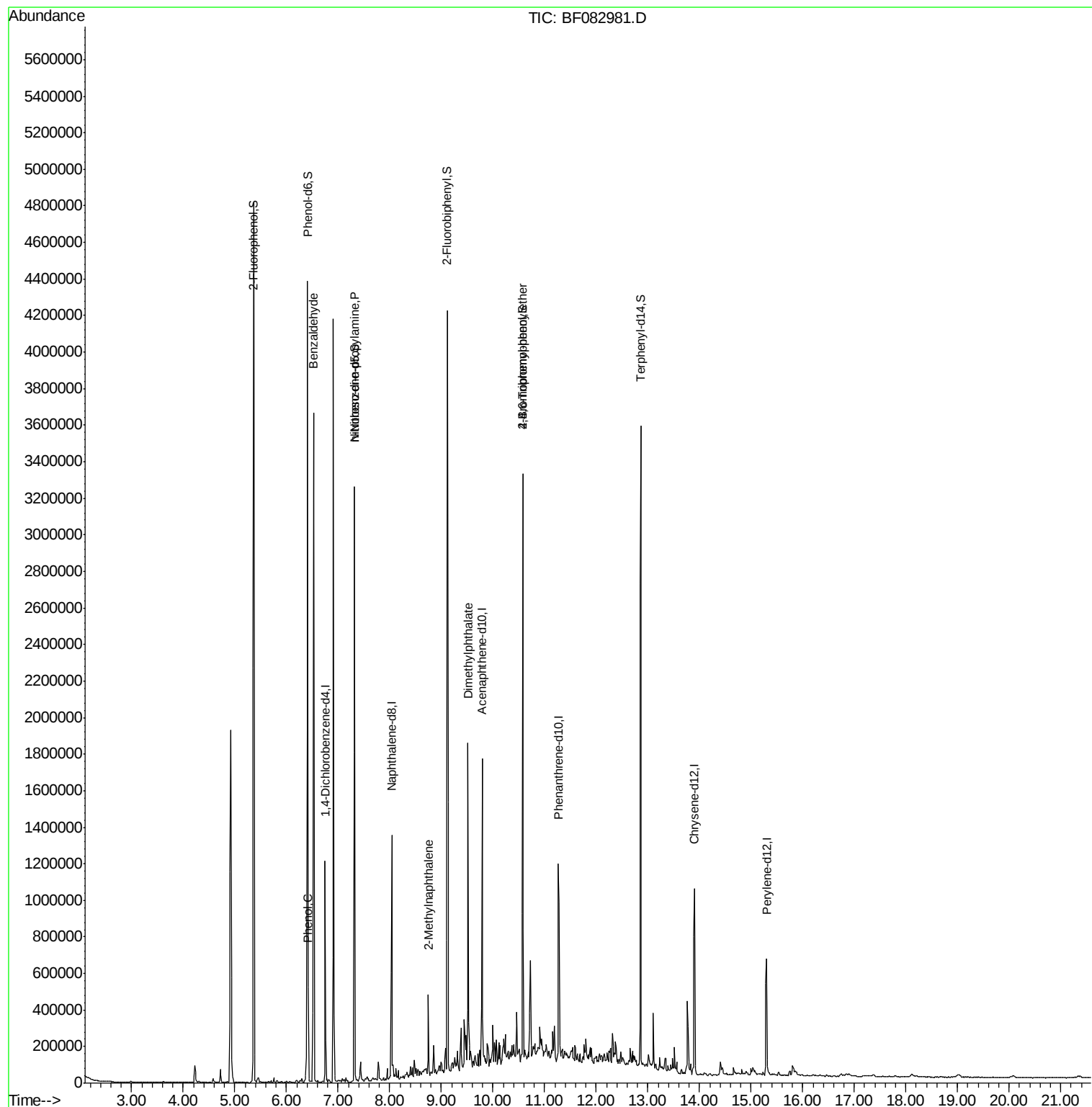
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	158682	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	624891	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	312784	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	548290	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	463660	20.00	ng	-0.11
86) Perylene-d12	15.30	264	344034	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1352863	132.65	ng	-0.08
7) Phenol-d6	6.41	99	1626015	119.93	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1289330	89.78	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	369697	103.08	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1435000	65.75	ng	-0.10
78) Terphenyl-d14	12.87	244	1477641	75.59	ng	-0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	35177	4.70	ng	85
10) Phenol	6.42	94	38559	2.51	ng	88
19) n-Nitroso-di-n-propylamine	7.32	70	177350	17.79	ng	# 68
37) 2-Methylnaphthalene	8.75	142	101235	4.54	ng	# 91
49) Dimethylphthalate	9.52	163	612500	23.90	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	25100	3.80	ng	# 1

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

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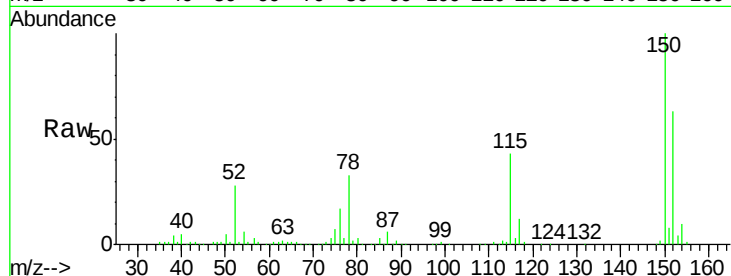




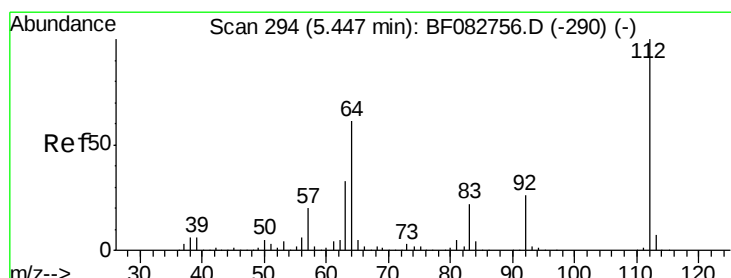
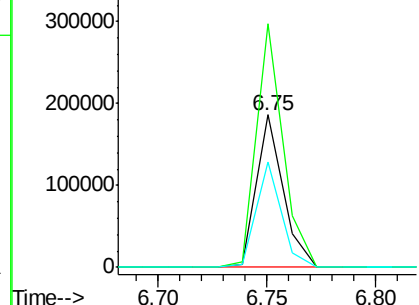
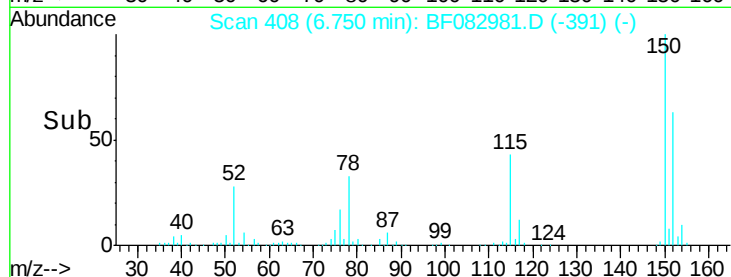
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.10 min
 Lab File: BF082981.D
 Acq: 17 Nov 2015 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 158682
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.0 190.4
 115 68.9 47.0 70.6

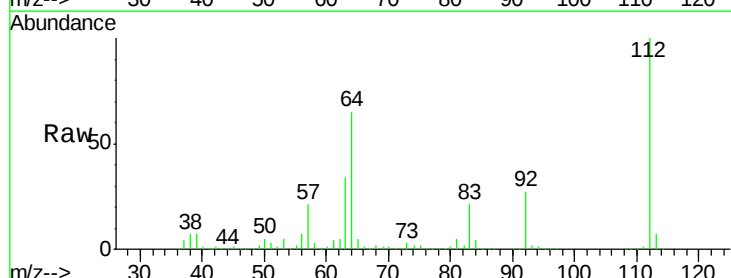


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

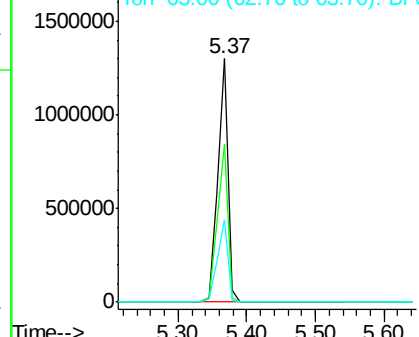
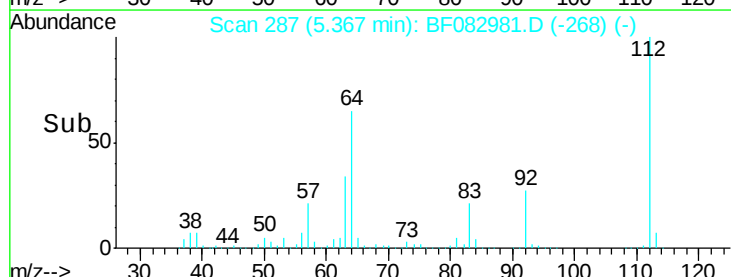


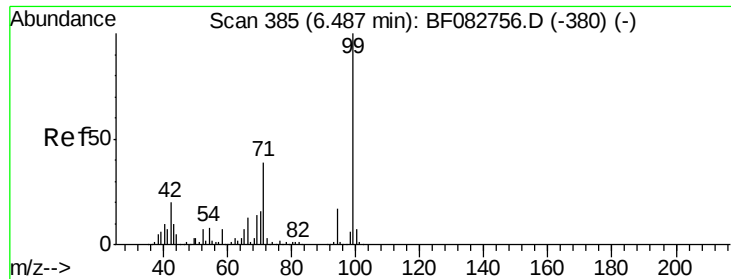
#5
 2-Fluorophenol
 Concen: 132.65 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.08 min
 Lab File: BF082981.D
 Acq: 17 Nov 2015 22:32

Tgt Ion:112 Resp: 1352863
 Ion Ratio Lower Upper
 112 100
 64 65.1 48.9 73.3
 63 33.9 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: 119.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

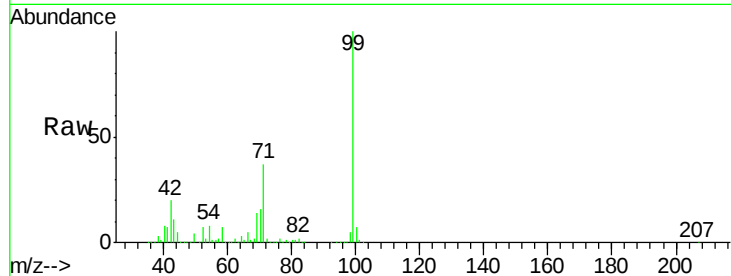
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1626015

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	37.0	35.0	52.4

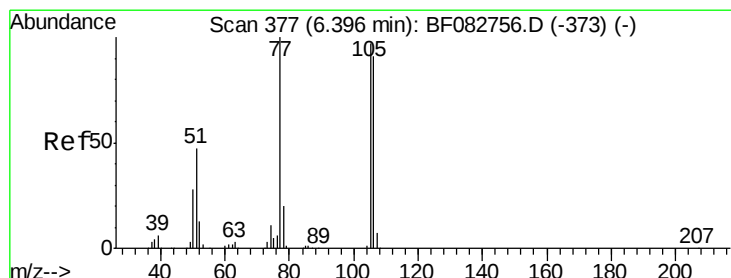
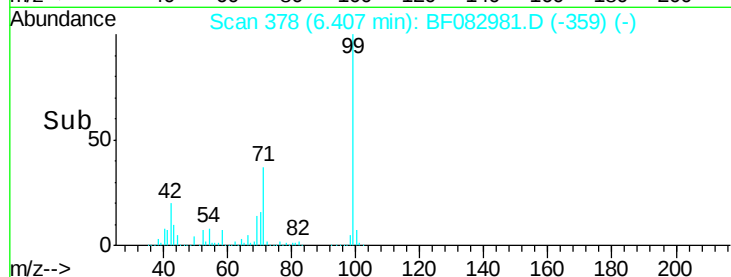
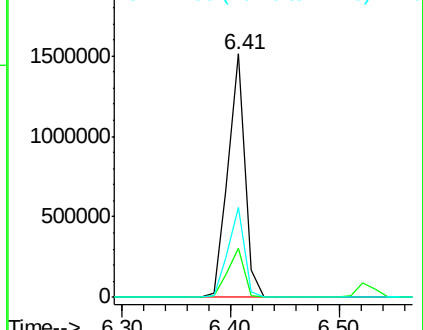


Abundance

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: 4.70 ng

RT: 6.52 min Scan# 388

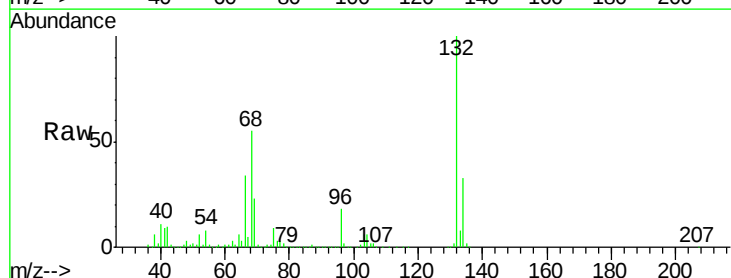
Delta R.T. 0.13 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

Tgt Ion: 77 Resp: 35177

Ion	Ratio	Lower	Upper
77	100		
105	73.7	63.5	103.5
106	62.7	59.3	99.3

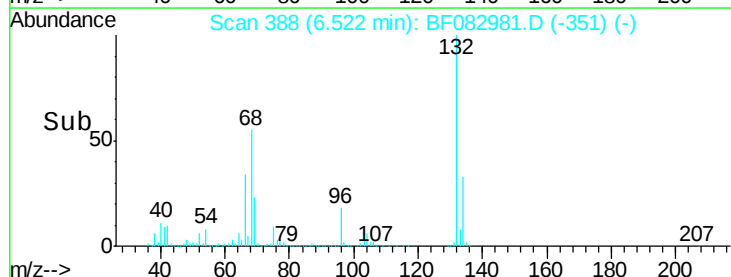
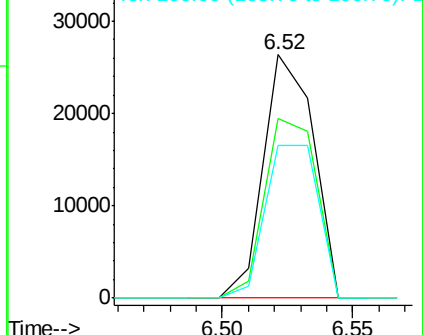


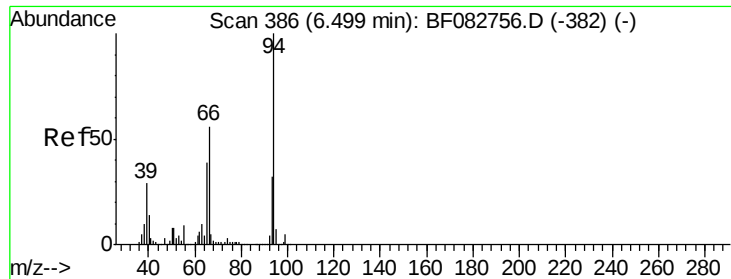
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.51 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

Instrument :

BNA_F

ClientSampled :

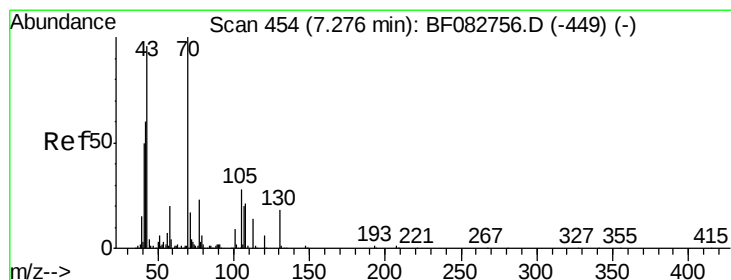
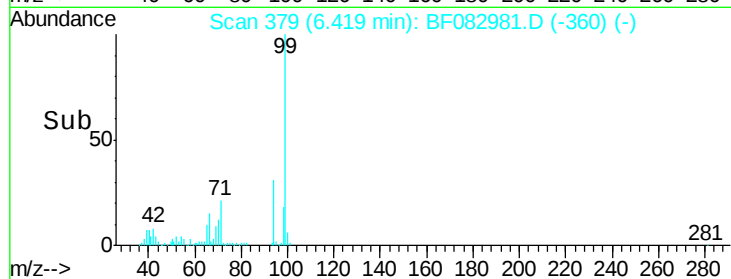
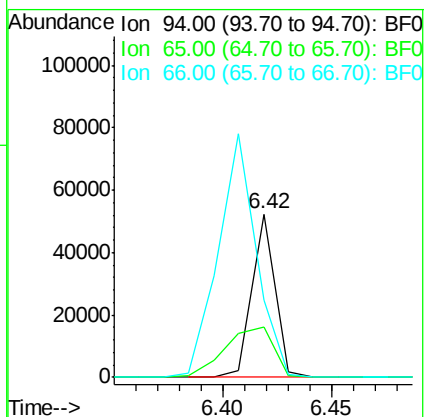
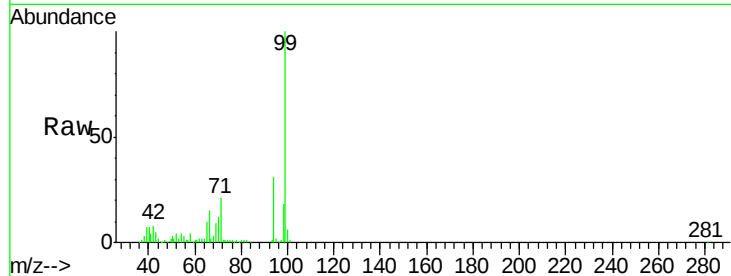
Tot Ion: 94 Resp: 38559

Ion Ratio Lower Upper

94 100

65 31.2 18.9 58.9

66 47.0 34.9 74.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.79 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

Tgt Ion: 70 Resp: 177350

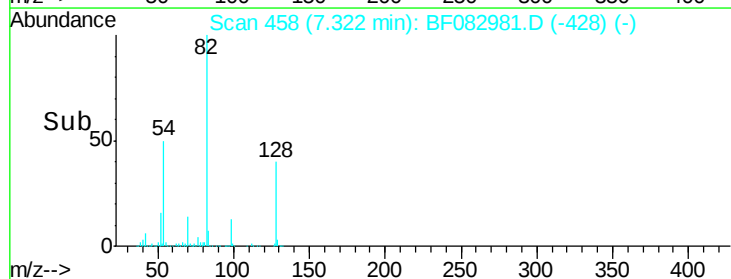
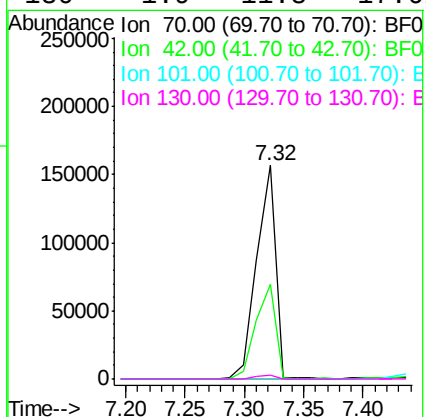
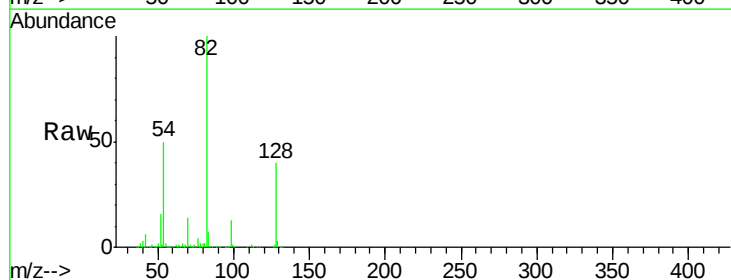
Ion Ratio Lower Upper

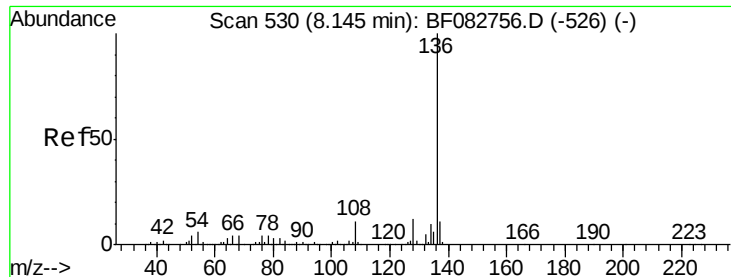
70 100

42 44.4 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#

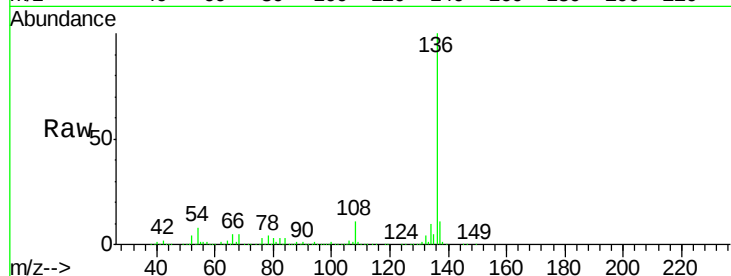




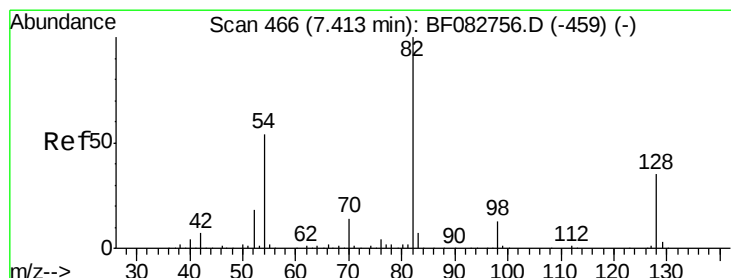
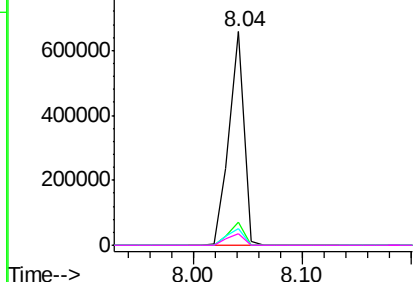
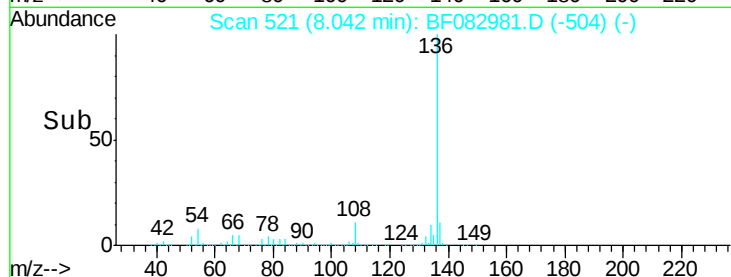
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082981.D
Acq: 17 Nov 2015 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 624891
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 7.5	9.1 13.7#
68 5.4	4.8 7.2

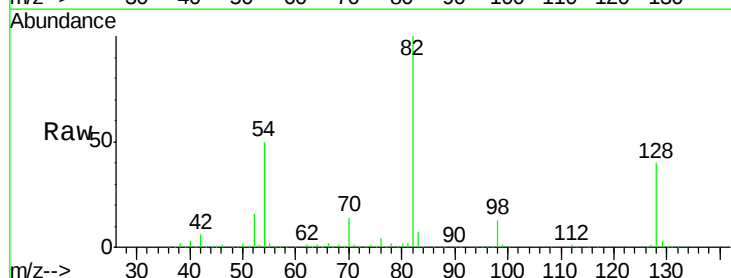


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

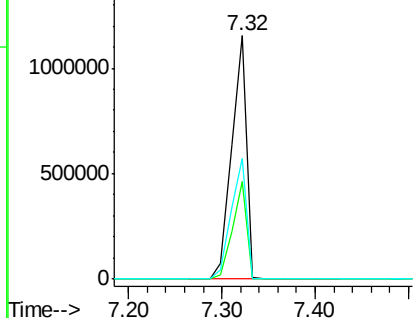
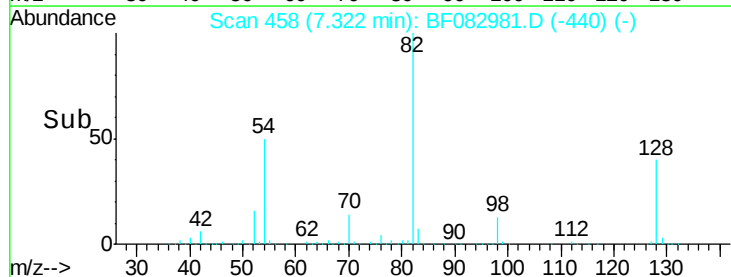


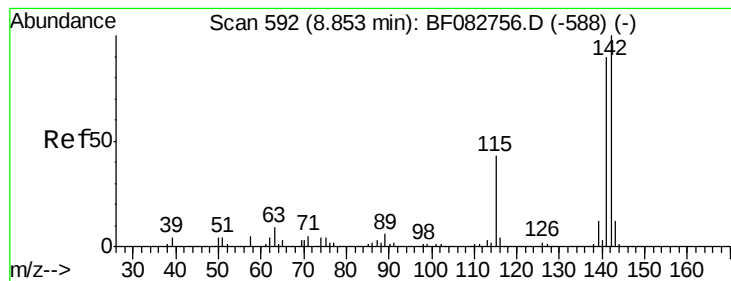
#23
Nitrobenzene-d5
Concen: 89.78 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082981.D
Acq: 17 Nov 2015 22:32

Tgt Ion: 82	Resp: 1289330
Ion Ratio	Lower Upper
82 100	
128 40.2	26.8 40.2#
54 49.8	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

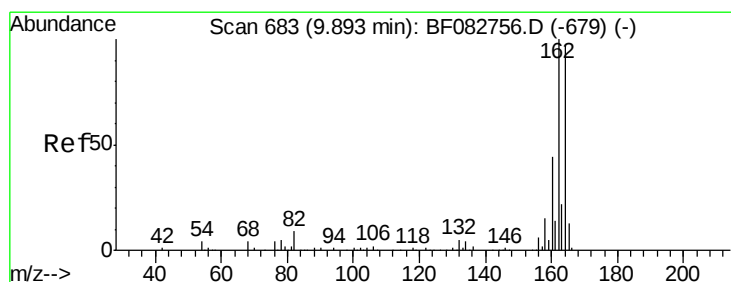
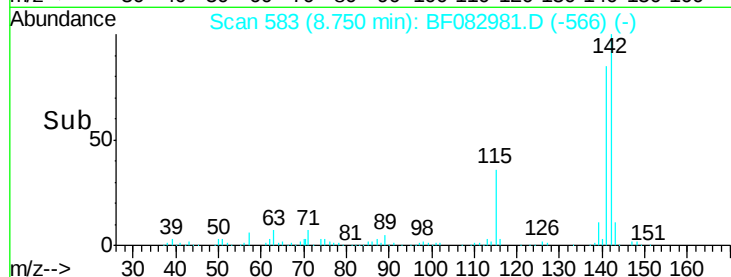
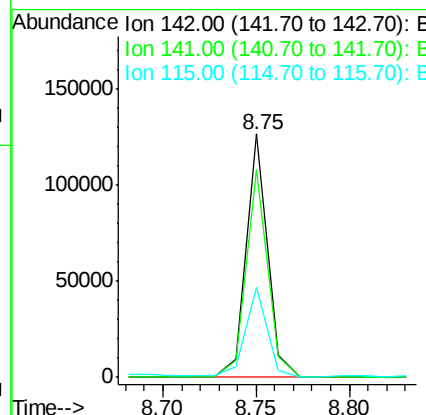
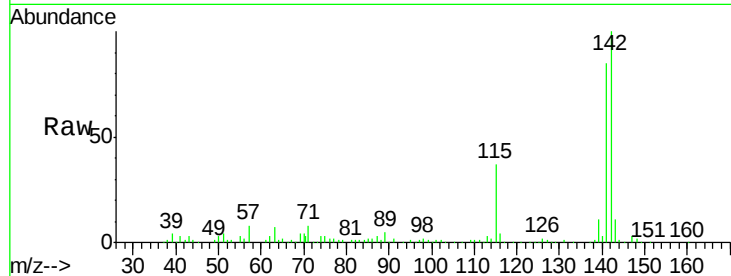




#37
2-Methylnaphthalene
Concen: 4.54 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.10 min
Lab File: BF082981.D
Acq: 17 Nov 2015 22:32

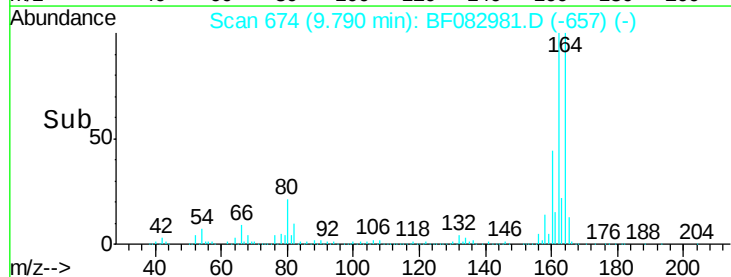
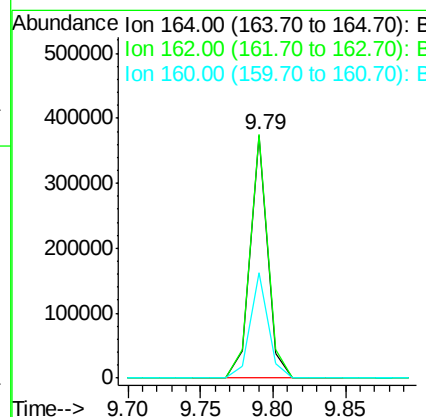
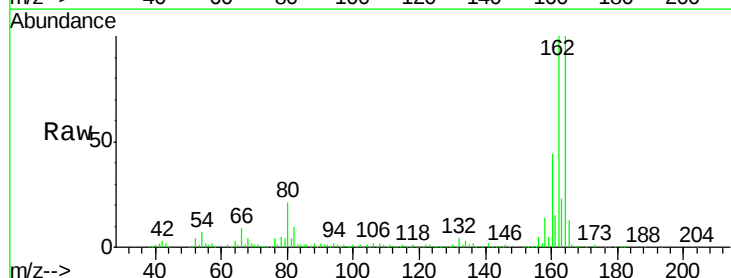
Instrument :
BNA_F
ClientSampleId :

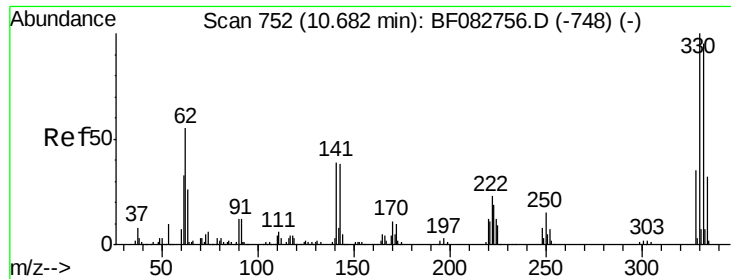
Tot Ion:142 Resp: 101235
Ion Ratio Lower Upper
142 100
141 85.1 72.3 108.5
115 36.9 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082981.D
Acq: 17 Nov 2015 22:32

Tgt Ion:164 Resp: 312784
Ion Ratio Lower Upper
164 100
162 100.4 84.9 127.3
160 43.7 37.5 56.3

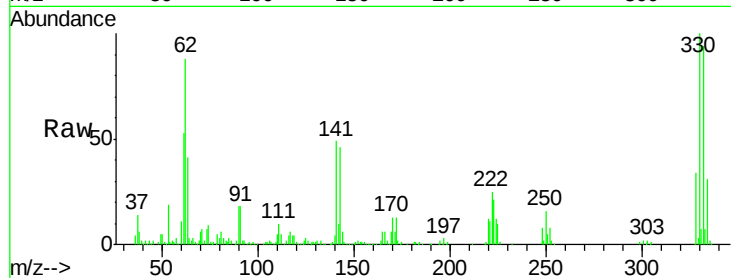




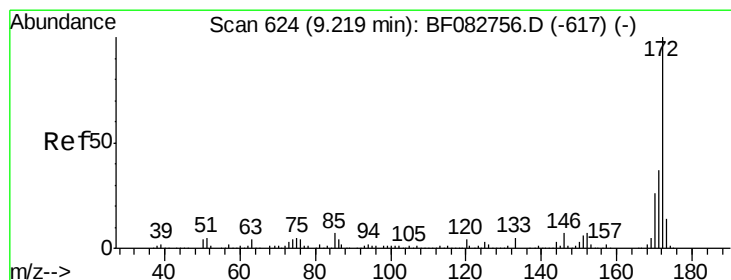
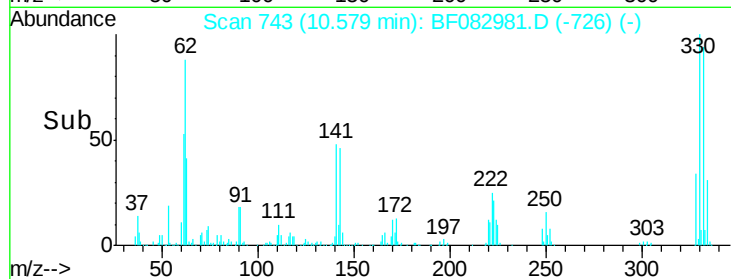
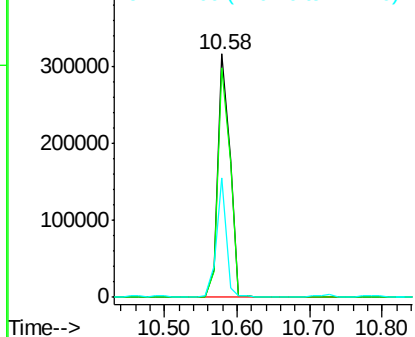
#41
 2,4,6-Tribromophenol
 Concen: 103.08 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082981.D
 Acq: 17 Nov 2015 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 369697
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 38.8 41.2 61.8#

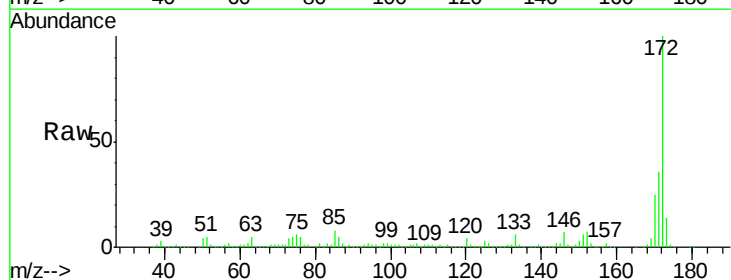


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

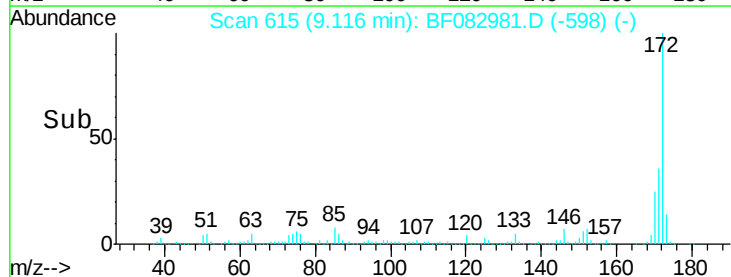
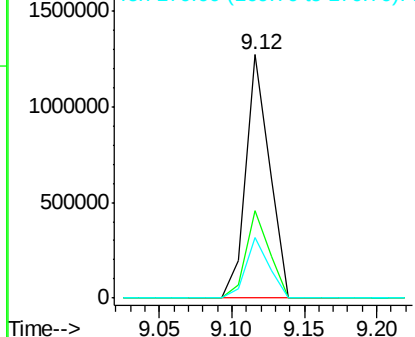


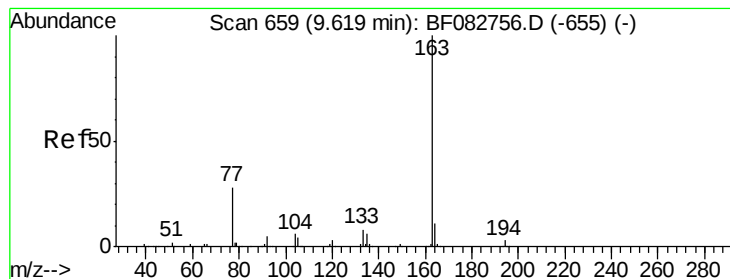
#44
 2-Fluorobiphenyl
 Concen: 65.75 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082981.D
 Acq: 17 Nov 2015 22:32

Tgt Ion:172 Resp: 1435000
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 25.0 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: 23.90 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.10 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

Instrument :

BNA_F

ClientSampleId :

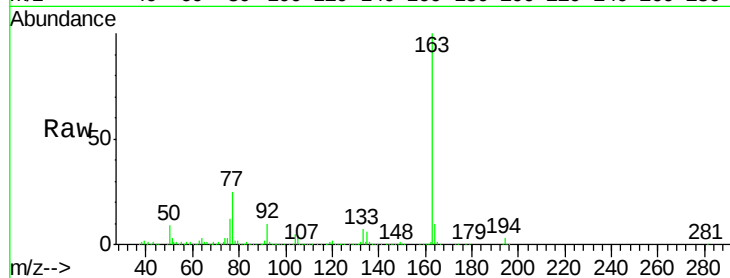
Tot Ion:163 Resp: 612500

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

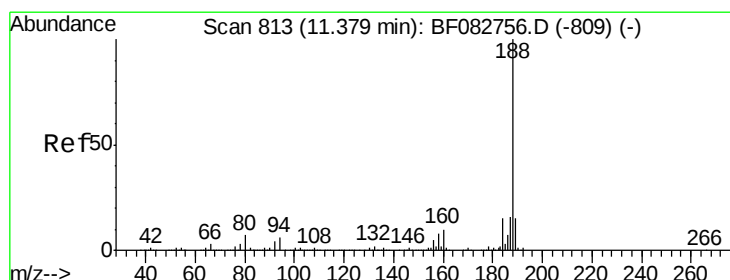
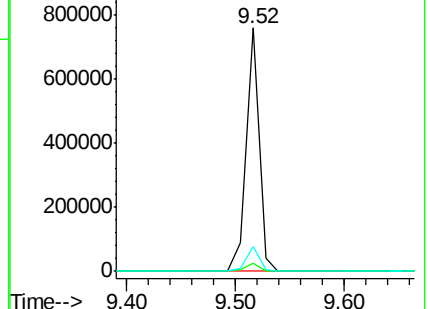
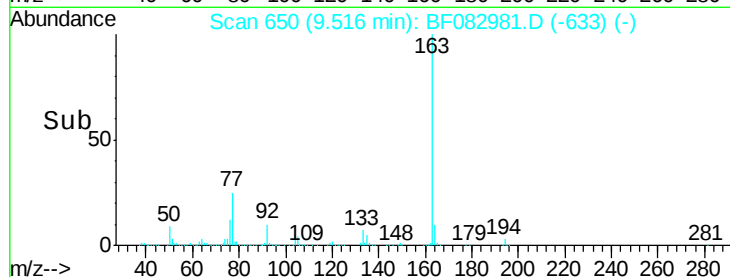
164 10.3 8.7 13.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.11 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

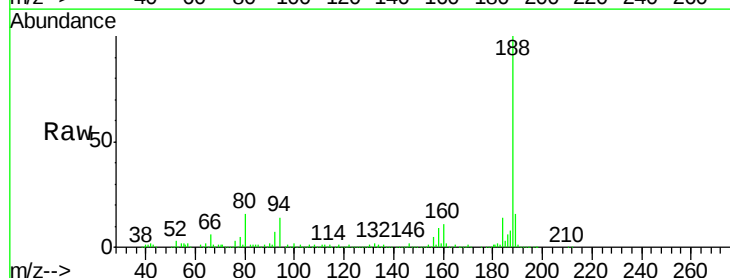
Tgt Ion:188 Resp: 548290

Ion Ratio Lower Upper

188 100

94 13.5 6.1 9.1#

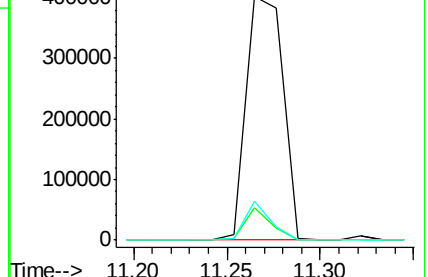
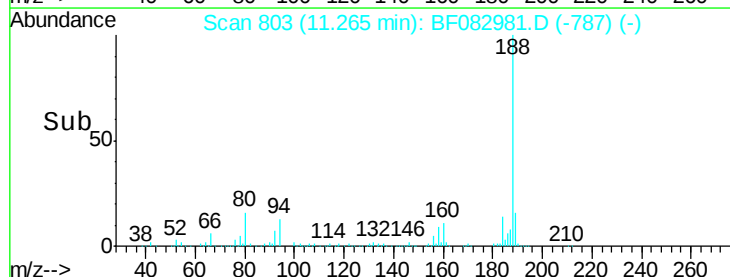
80 15.8 7.0 10.6#

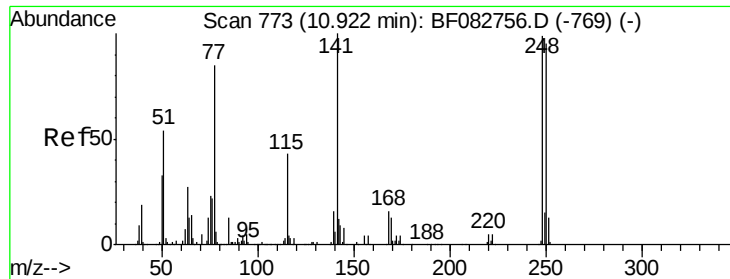


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

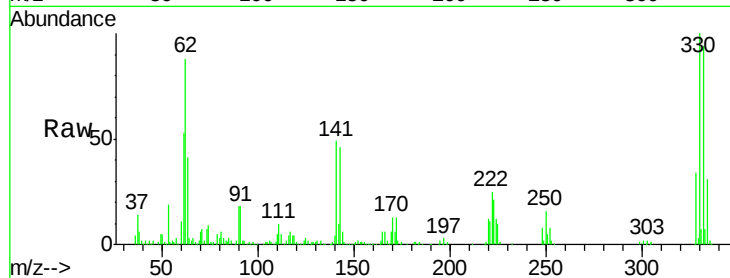




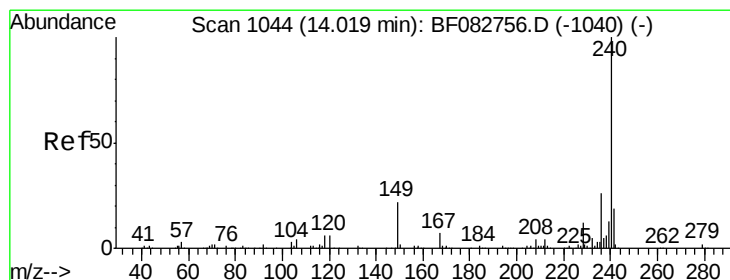
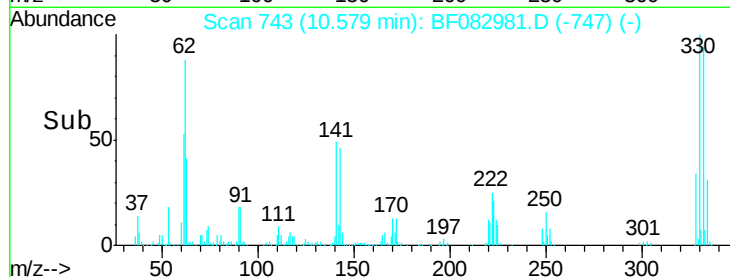
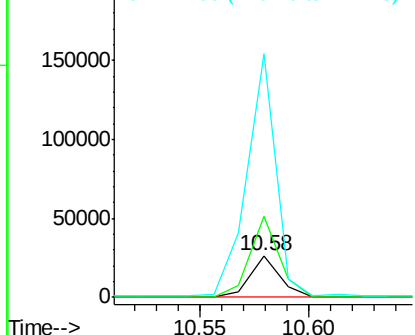
#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082981.D
Acq: 17 Nov 2015 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25100
Ion Ratio Lower Upper
248 100
250 194.5 79.4 119.2#
141 588.7 36.3 54.5#

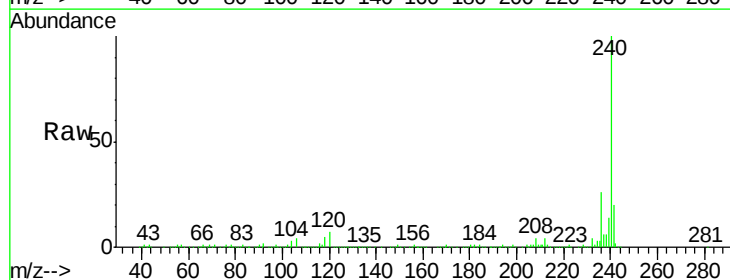


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

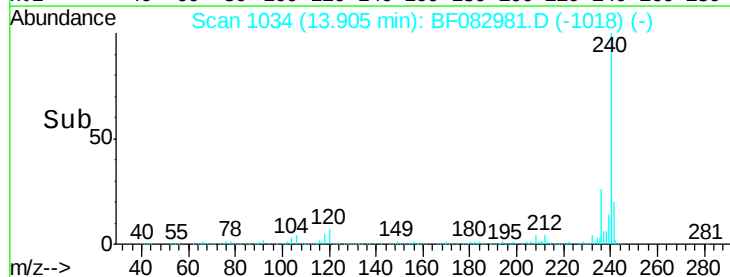
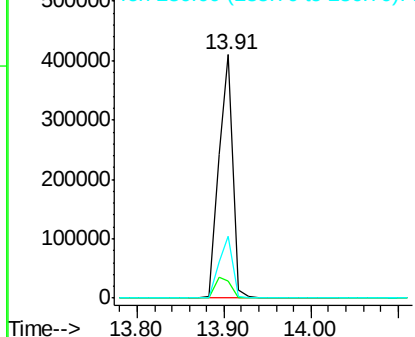


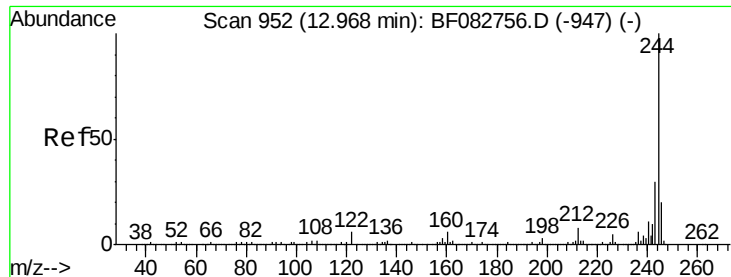
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082981.D
Acq: 17 Nov 2015 22:32

Tgt Ion:240 Resp: 463660
Ion Ratio Lower Upper
240 100
120 6.9 10.9 16.3#
236 25.6 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: 75.59 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

Instrument :

BNA_F

ClientSampleId :

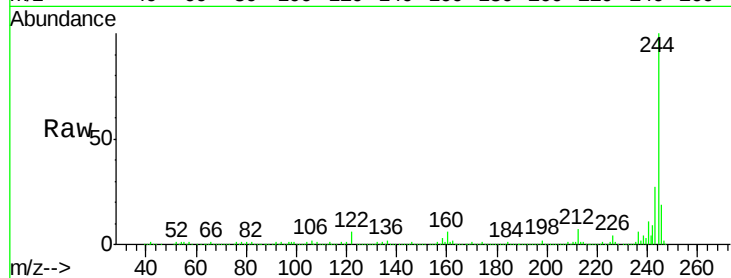
Tot Ion:244 Resp: 1477641

Ion Ratio Lower Upper

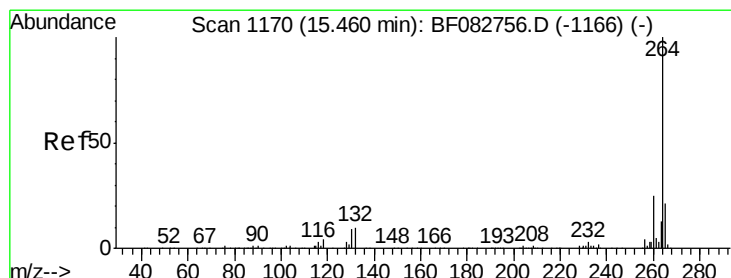
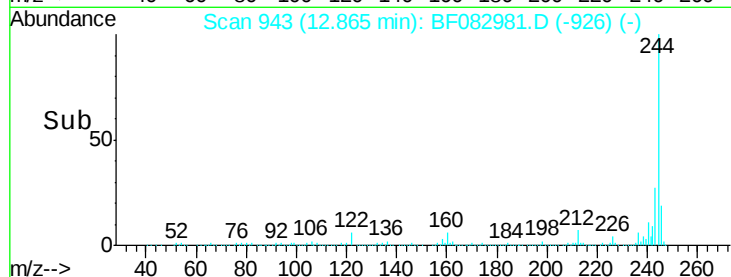
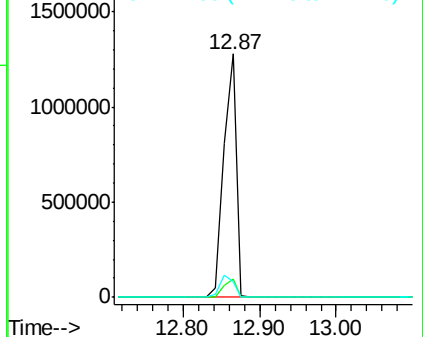
244 100

212 7.3 7.6 11.4#

122 6.2 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: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082981.D

Acq: 17 Nov 2015 22:32

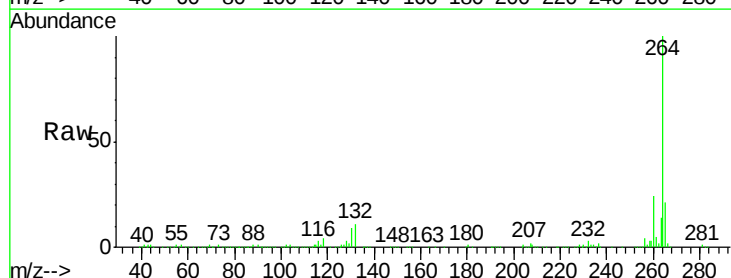
Tgt Ion:264 Resp: 344034

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 20.8 17.4 26.0



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

