

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084312.D
 Acq On : 7 Jan 2016 18:24
 Operator : SJ/UM
 Sample : H1028-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP001

Quant Time: Jan 08 00:10:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	243517	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1045965	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	471766	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	882016	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	685056	20.00	ng	-0.05
86) Perylene-d12	15.45	264	528563	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1748662	116.15	ng	-0.01
7) Phenol-d6	6.51	99	2270831	120.10	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1659302	88.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	584306	122.68	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2278031	84.94	ng	-0.03
78) Terphenyl-d14	12.98	244	2256392	73.52	ng	-0.03

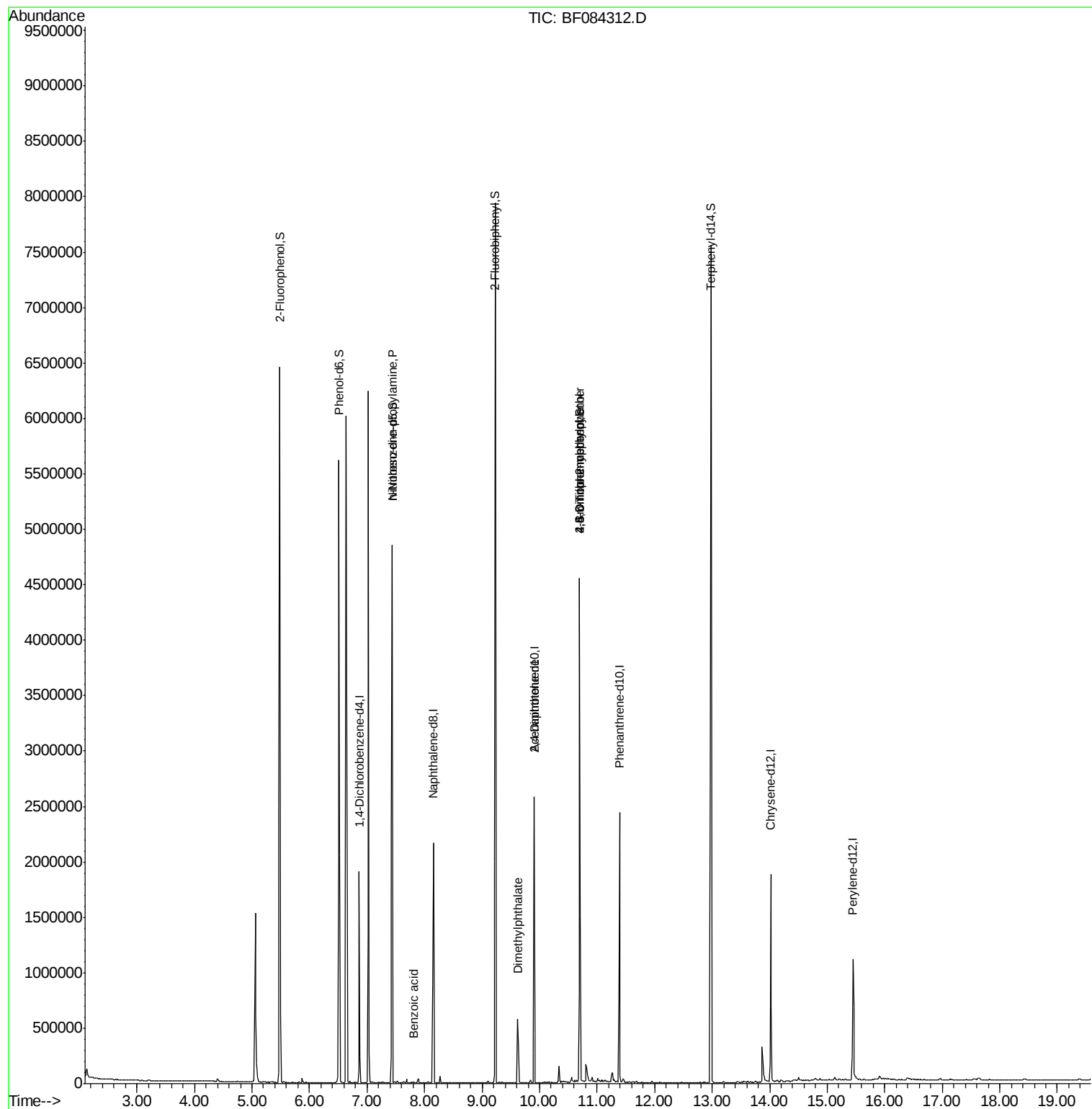
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	238201	18.61	ng	# 71
32) Benzoic acid	7.81	122	374	6.28	ng	# 1
49) Dimethylphthalate	9.62	163	287686	8.53	ng	# 89
54) Dibenzofuran	10.11	168	503	Below Cal		# 85
56) 2,4-Dinitrotoluene	9.90	165	64158	6.85	ng	# 21
57) Fluorene	10.69	166	22104	Below Cal		# 91
64) 4,6-Dinitro-2-methylphenol	10.69	198	984	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	35572	3.75	ng	# 1
73) Di-n-butylphthalate	11.95	149	10412	Below Cal		# 93

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

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



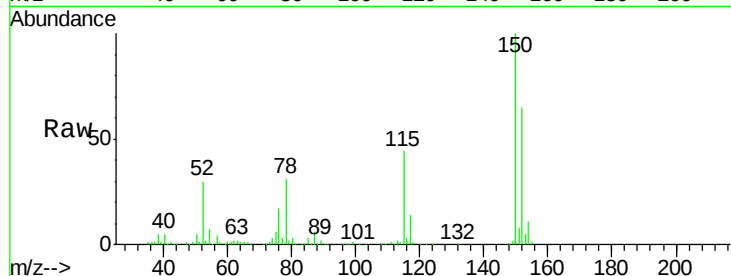


#1

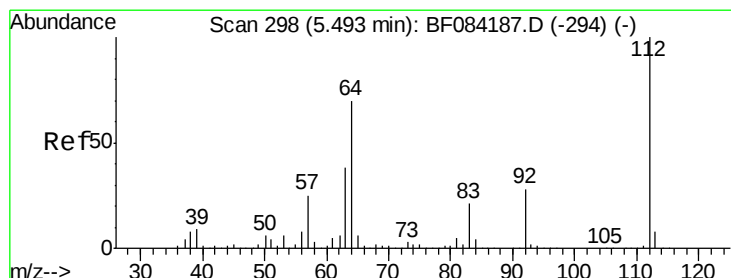
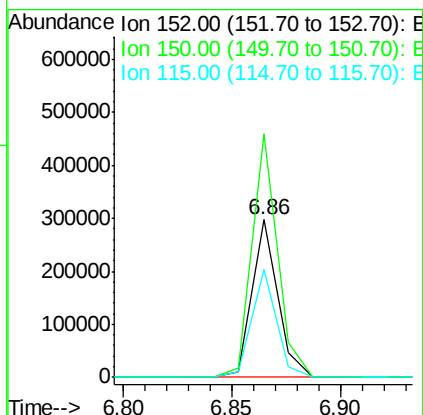
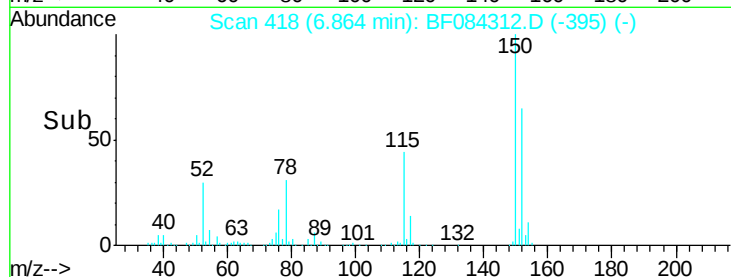
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

Instrument :
BNA_F
ClientSampleId :
DUP001

Tgt Ion:152 Resp: 243517
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.4
115 68.6 51.4 77.2



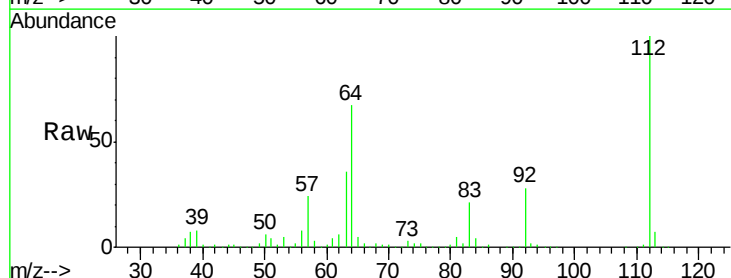
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



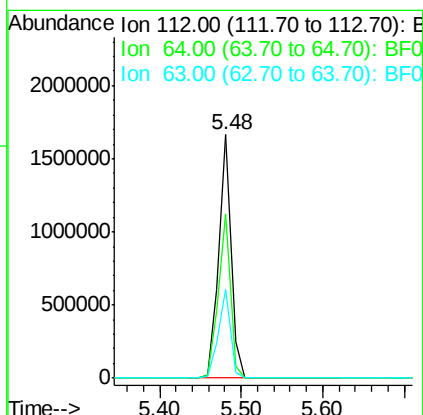
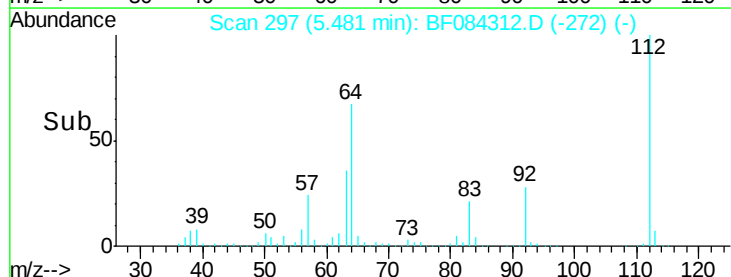
#5

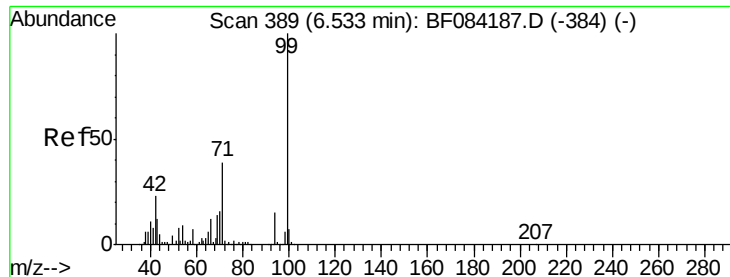
2-Fluorophenol
Concen: 116.15 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

Tgt Ion:112 Resp: 1748662
Ion Ratio Lower Upper
112 100
64 67.4 36.6 55.0#
63 36.5 19.4 29.0#



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: 120.10 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

Instrument :

BNA_F

ClientSampleId :

DUP001

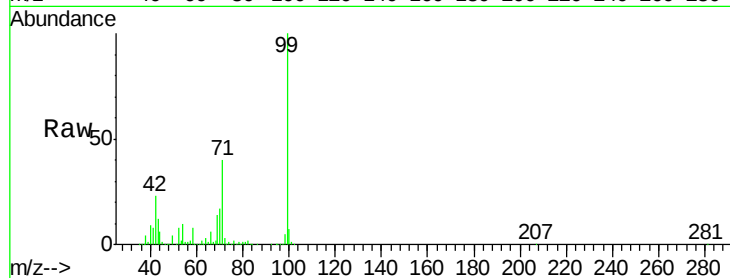
Tgt Ion: 99 Resp: 2270831

Ion Ratio Lower Upper

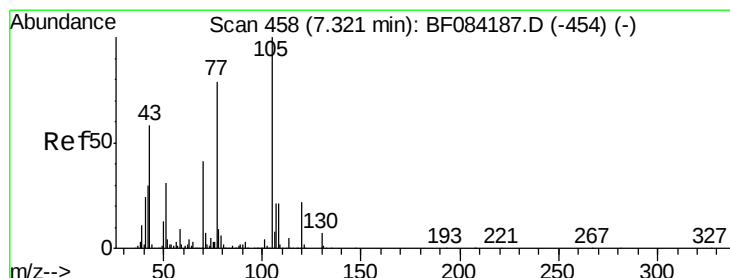
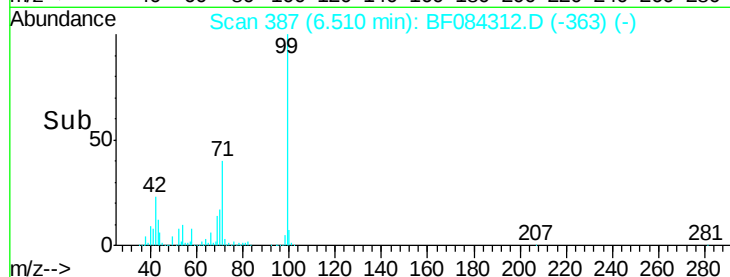
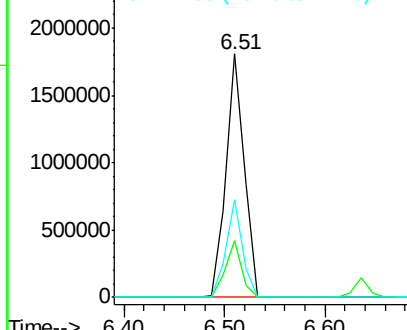
99 100

42 23.1 12.8 19.2#

71 40.3 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.61 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

Tgt Ion: 70 Resp: 238201

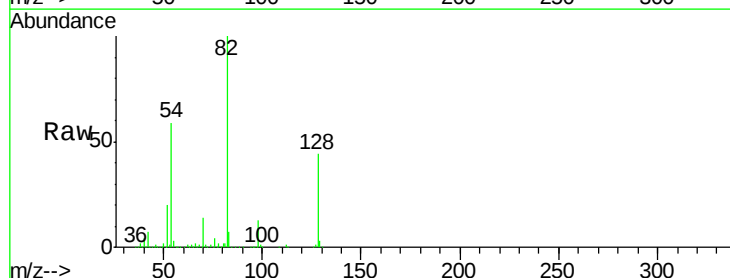
Ion Ratio Lower Upper

70 100

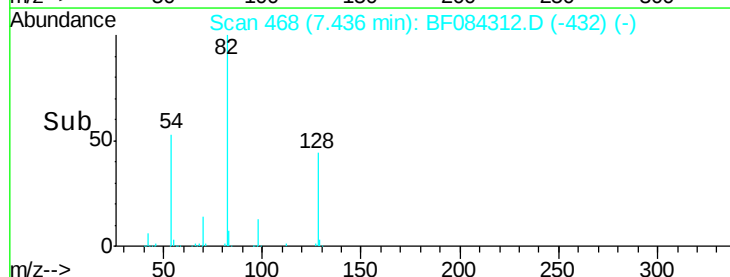
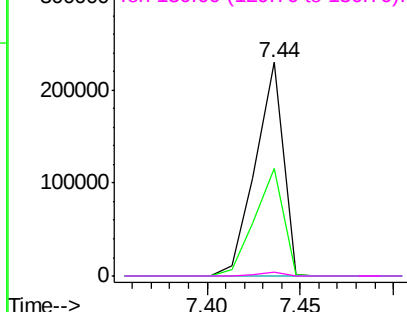
42 50.3 33.3 49.9#

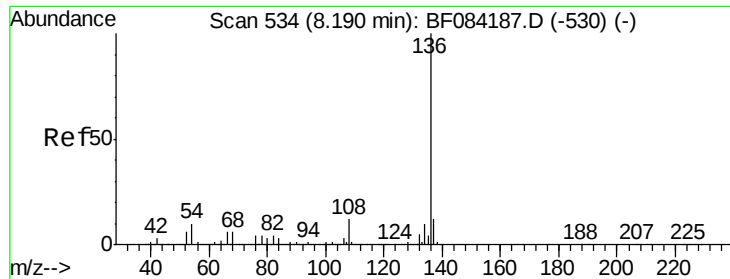
101 0.0 9.3 13.9#

130 2.1 23.4 35.0#



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: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

Instrument :

BNA_F

ClientSampleId :

DUP001

Tgt Ion:136 Resp: 1045965

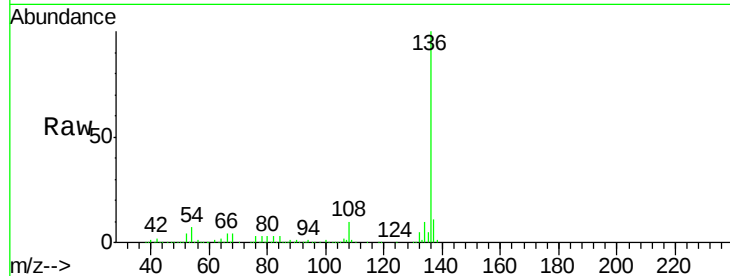
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.4 5.8 8.8

68 4.3 4.2 6.2

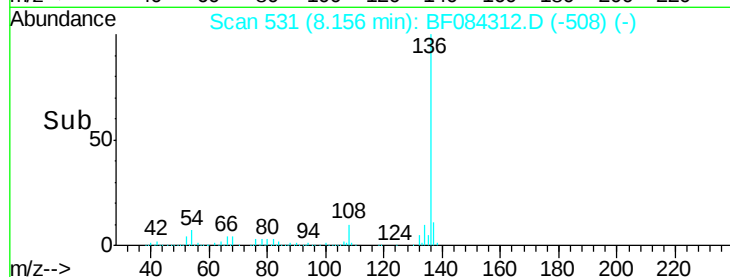


Abundance Ion 136.00 (135.70 to 136.70): E

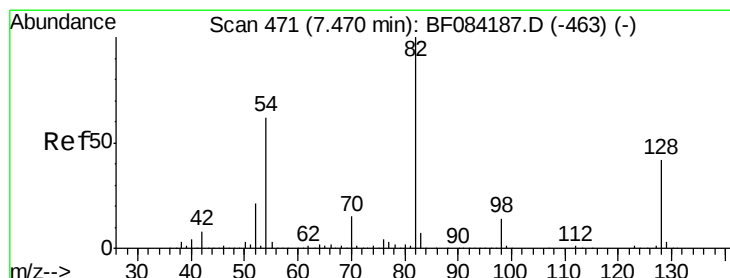
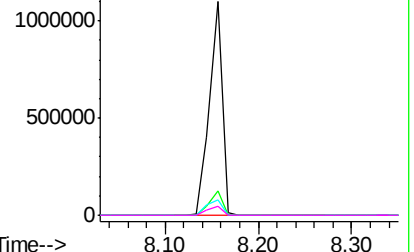
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.29 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

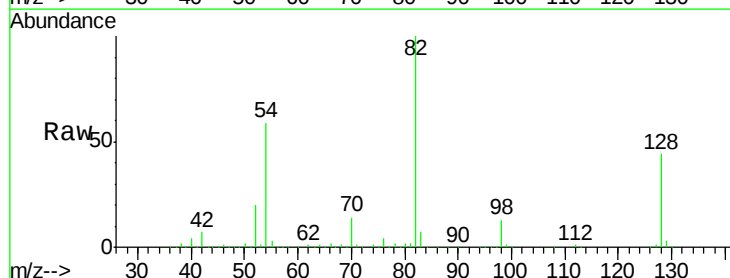
Tgt Ion: 82 Resp: 1659302

Ion Ratio Lower Upper

82 100

128 43.9 34.6 51.8

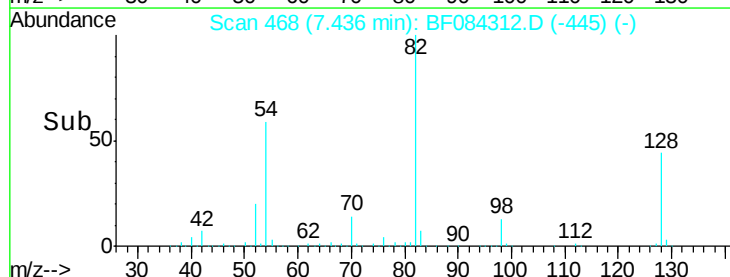
54 58.7 38.4 57.6#



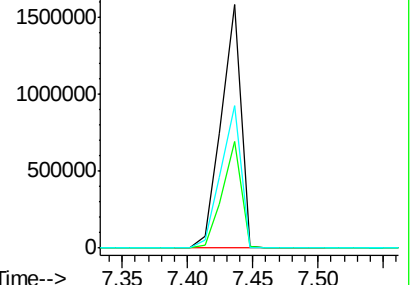
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

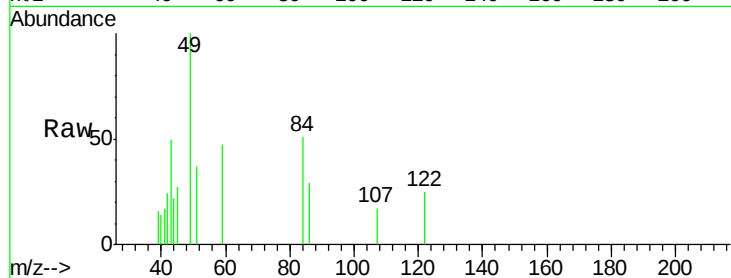




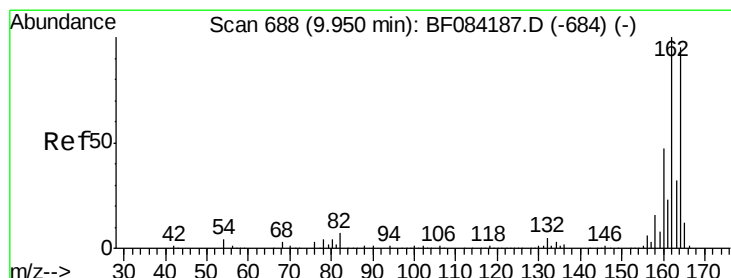
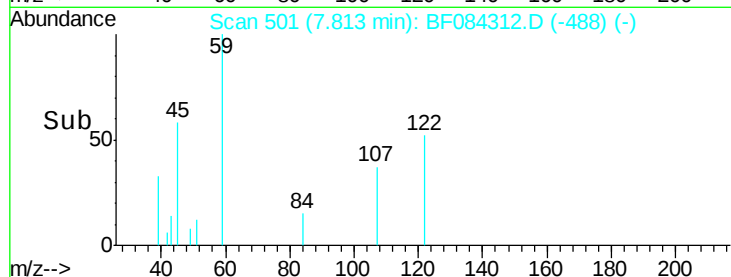
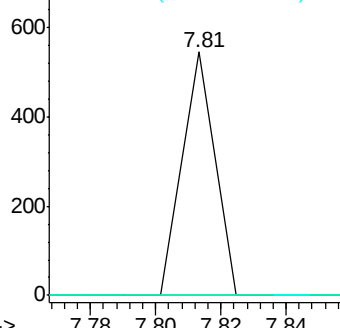
#32
Benzoic acid
Concen: 6.28 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.15 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

Instrument :
BNA_F
ClientSampleId :
DUP001

Tgt Ion:122 Resp: 374
Ion Ratio Lower Upper
122 100
105 0.0 100.3 140.3#
77 0.0 63.5 103.5#

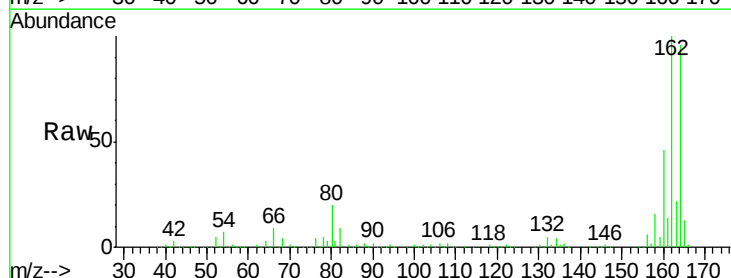


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

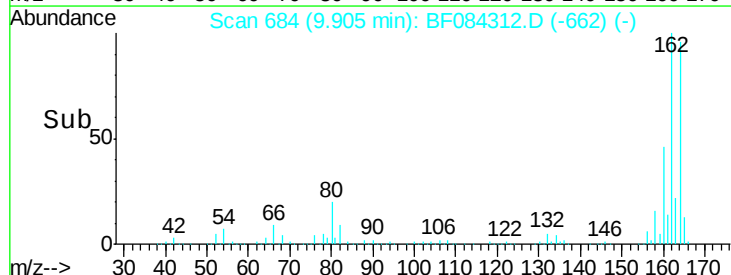
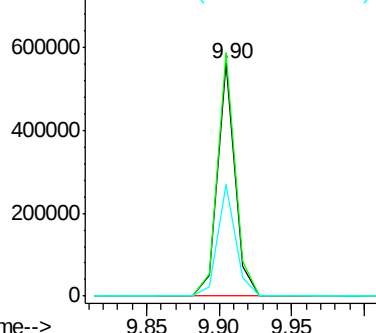


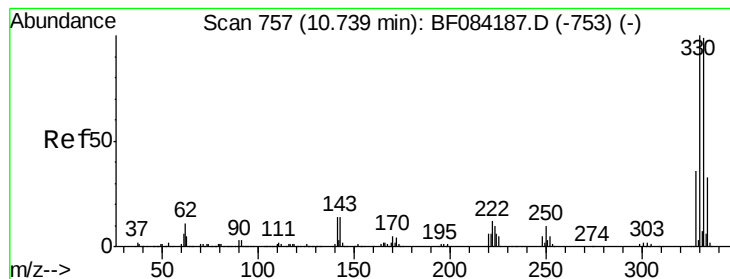
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

Tgt Ion:164 Resp: 471766
Ion Ratio Lower Upper
164 100
162 104.5 85.1 127.7
160 47.7 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: 122.68 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

Instrument :

BNA_F

ClientSampleId :

DUP001

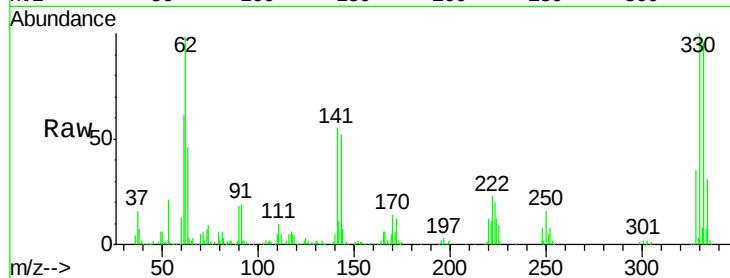
Tgt Ion:330 Resp: 584306

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

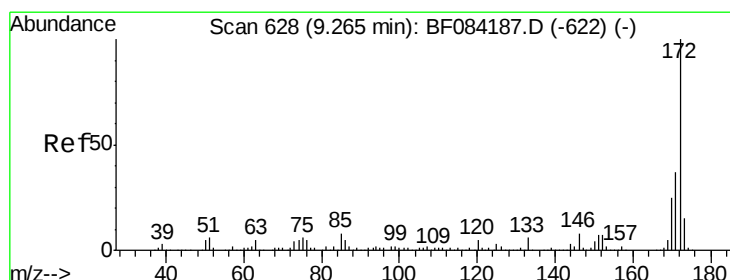
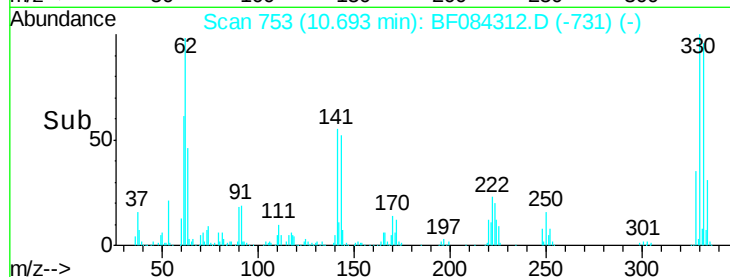
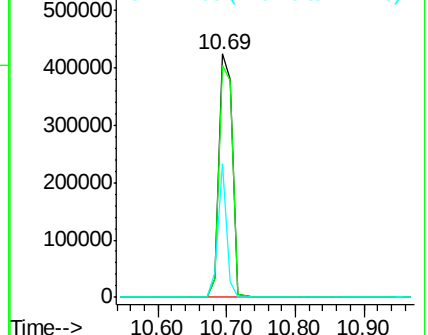
141 36.0 27.8 41.6



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: 84.94 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

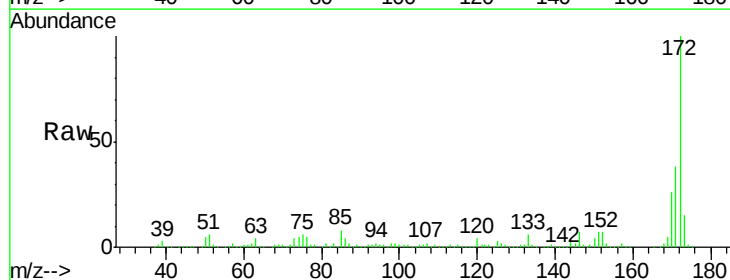
Tgt Ion:172 Resp: 2278031

Ion Ratio Lower Upper

172 100

171 38.0 28.9 43.3

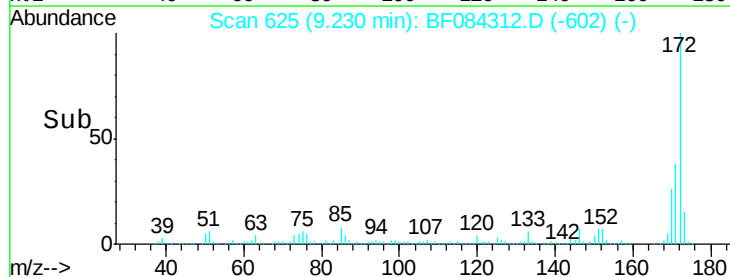
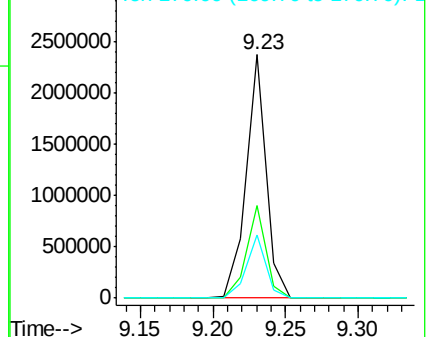
170 26.2 18.6 27.8

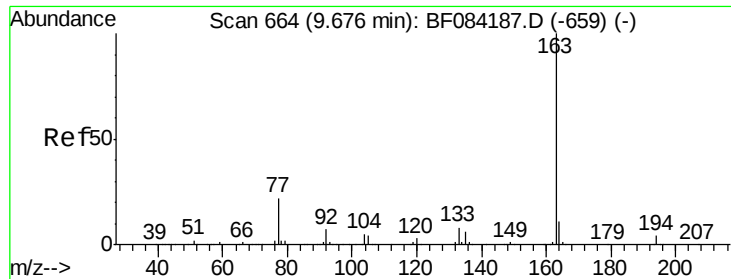


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

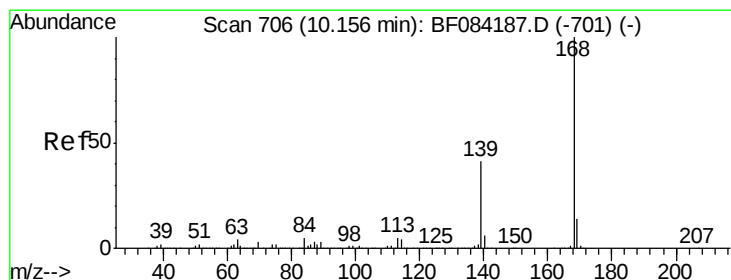
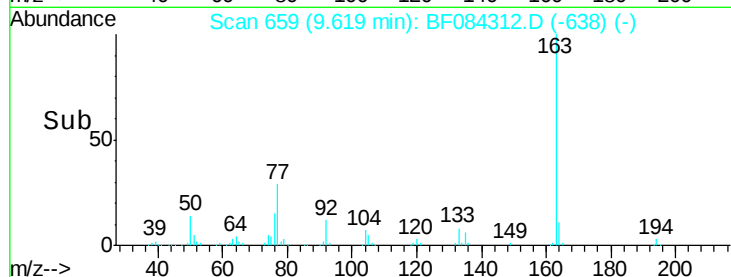
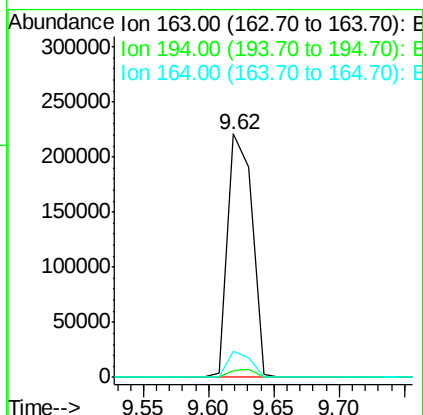
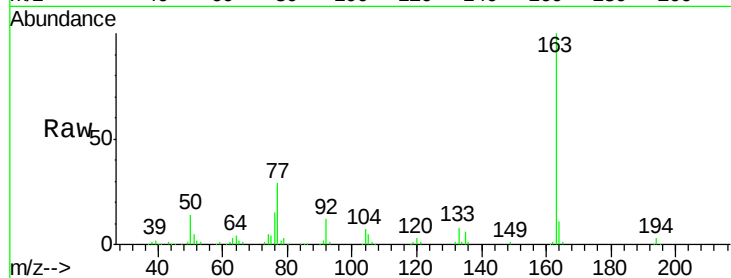




#49
Dimethylphthalate
Concen: 8.53 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

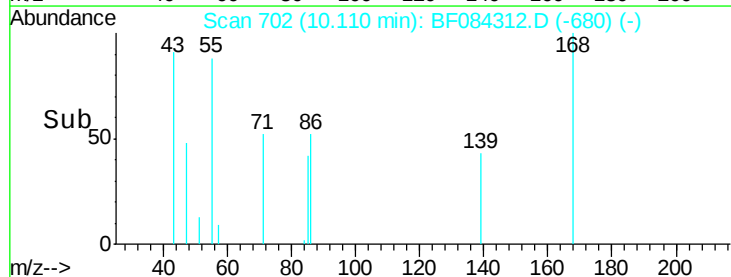
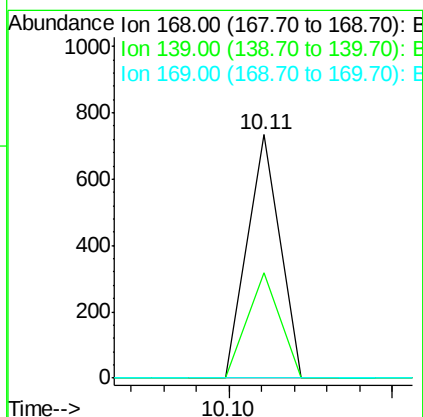
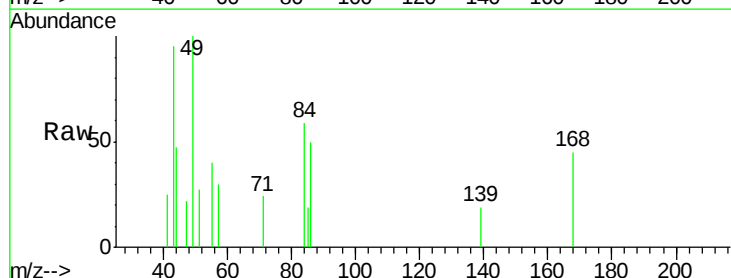
Instrument :
BNA_F
ClientSampleId :
DUP001

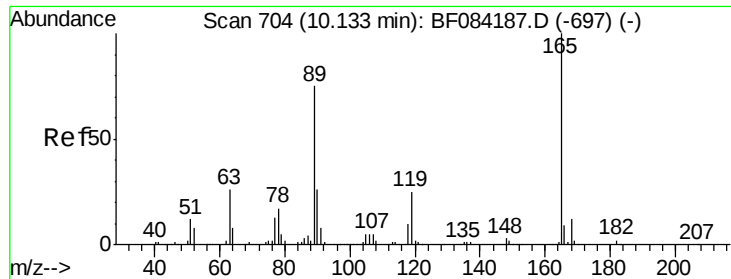
Tgt Ion:163 Resp: 287686
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.8 8.0 12.0



#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

Tgt Ion:168 Resp: 503
Ion Ratio Lower Upper
168 100
139 43.2 30.5 45.7
169 0.0 10.4 15.6#

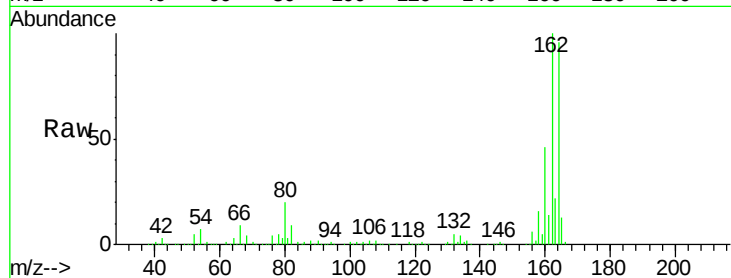




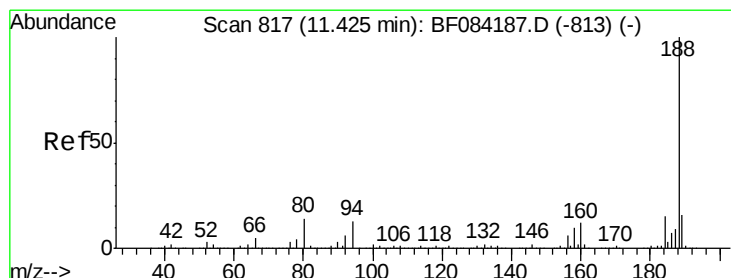
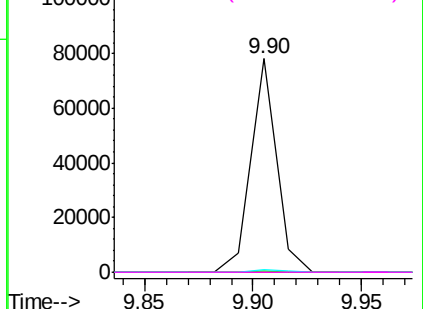
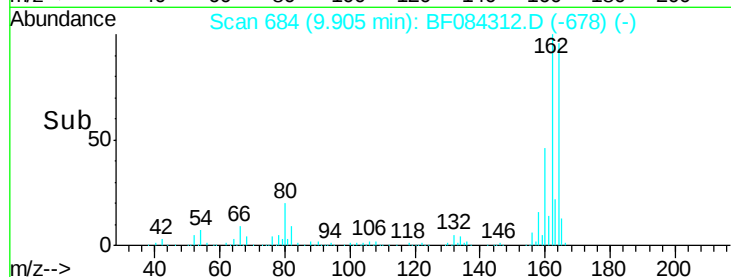
#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF084312.D
 Acq: 7 Jan 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 DUP001

Tgt Ion:165 Resp: 64158
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.7 55.1#
 89 1.1 61.9 92.9#
 182 0.0 2.0 3.0#

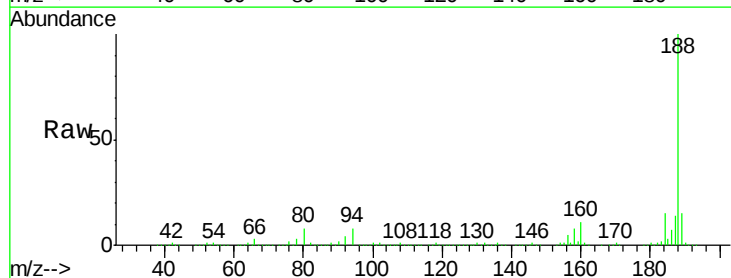


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

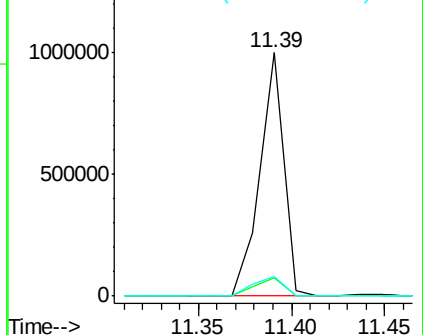
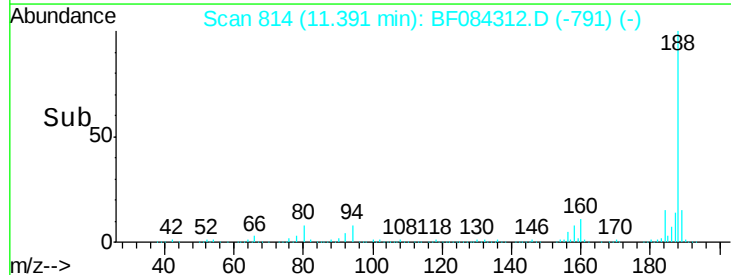


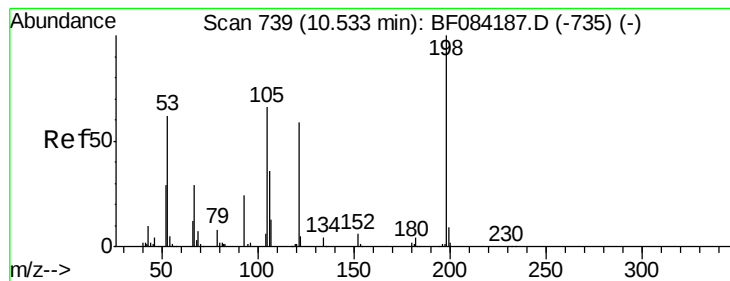
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084312.D
 Acq: 7 Jan 2016 18:24

Tgt Ion:188 Resp: 882016
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.0 13.4#
 80 8.1 9.6 14.4#



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: 6.56 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

Instrument :

BNA_F

ClientSampleId :

DUP001

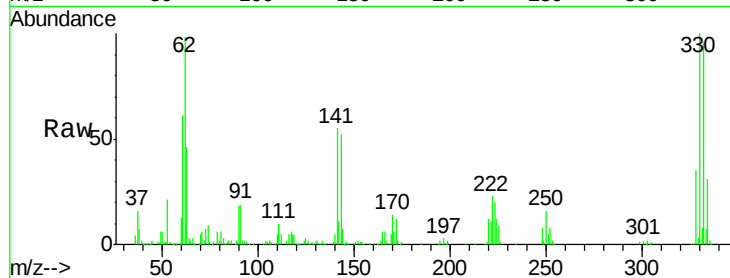
Tgt Ion:198 Resp: 984

Ion Ratio Lower Upper

198 100

51 348.2 18.9 58.9#

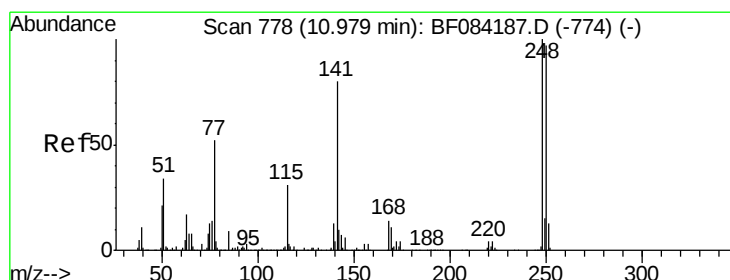
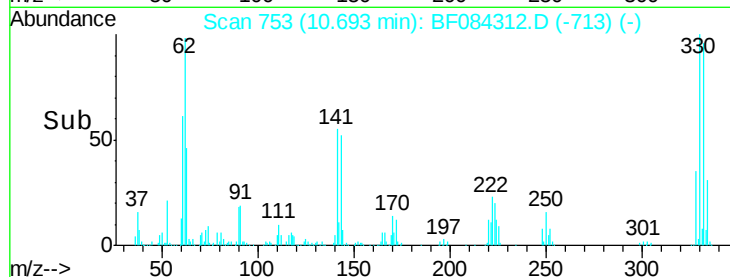
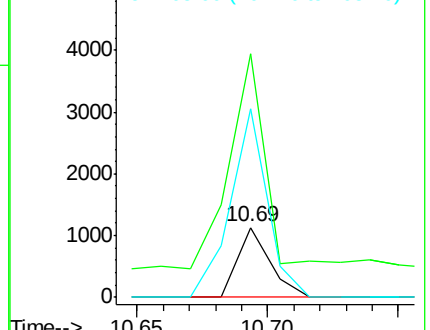
105 270.4 26.4 66.4#



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



#66

4-Bromophenyl-phenylether

Concen: 3.75 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

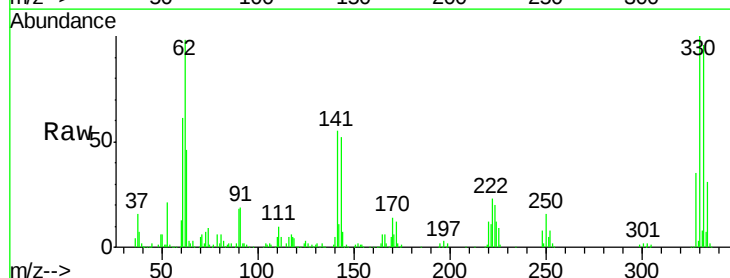
Tgt Ion:248 Resp: 35572

Ion Ratio Lower Upper

248 100

250 191.6 78.4 117.6#

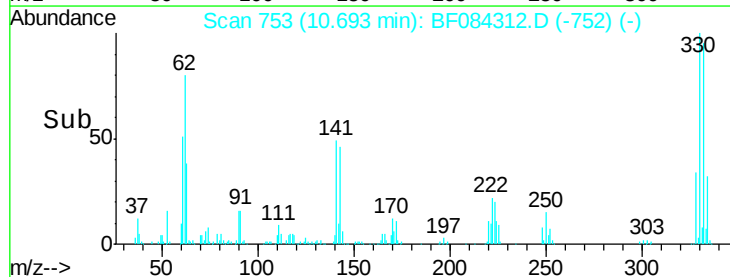
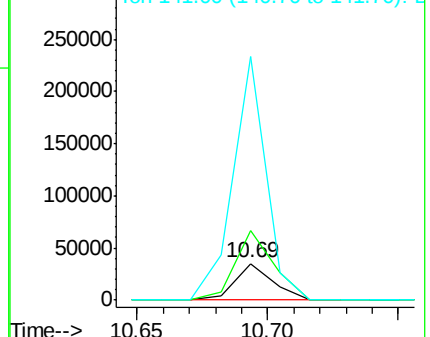
141 670.7 44.0 66.0#

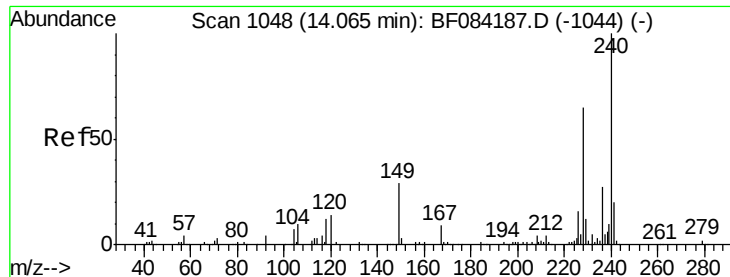


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

Instrument :

BNA_F

ClientSampleId :

DUP001

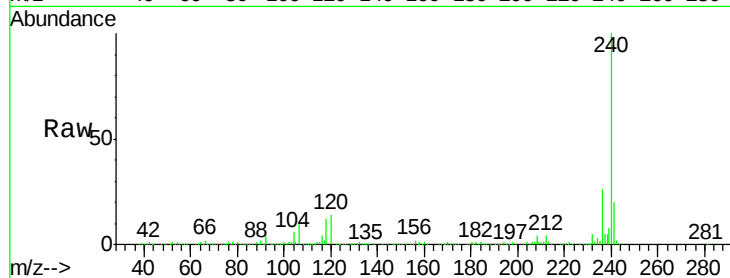
Tgt Ion:240 Resp: 685056

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

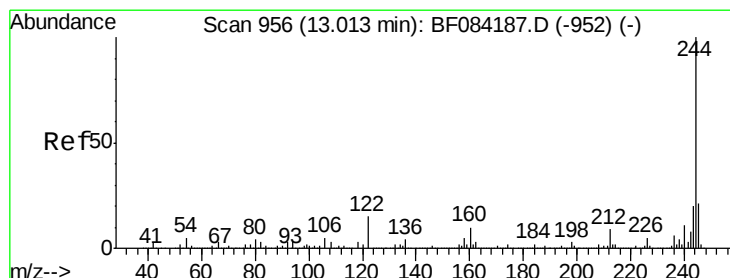
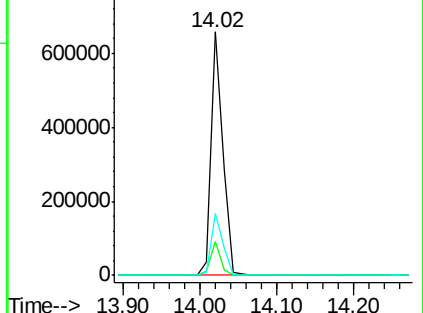
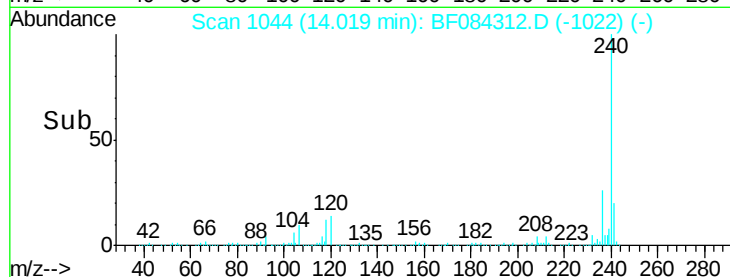
236 25.7 20.6 31.0



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: 73.52 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084312.D

Acq: 7 Jan 2016 18:24

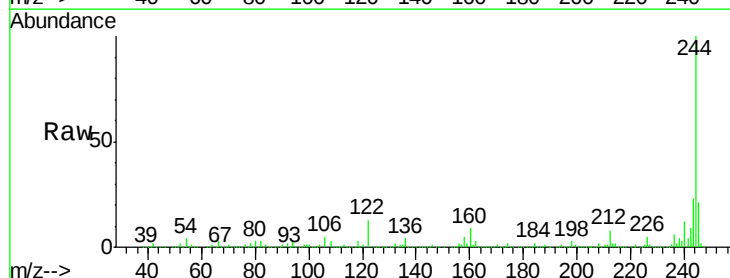
Tgt Ion:244 Resp: 2256392

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

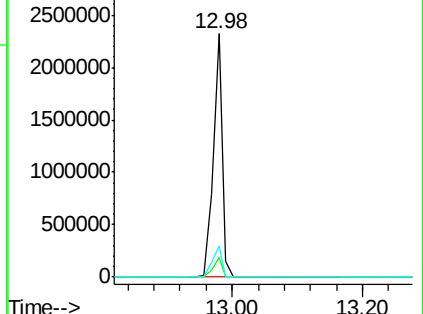
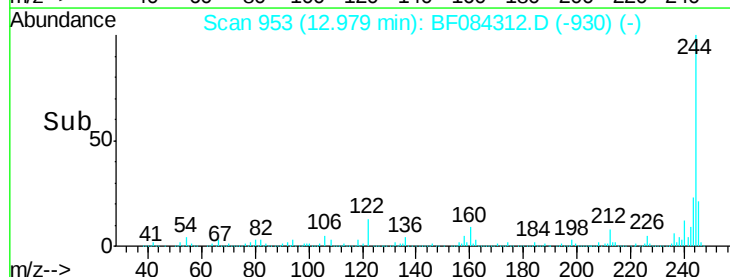
122 12.7 7.4 11.0#

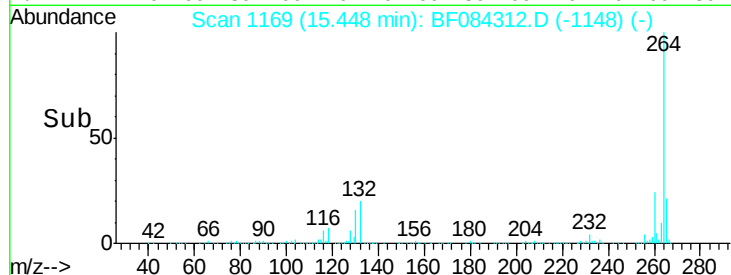
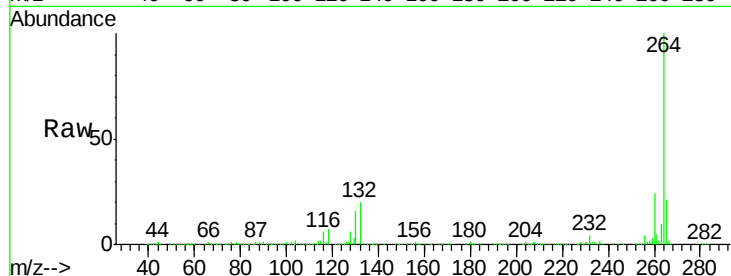
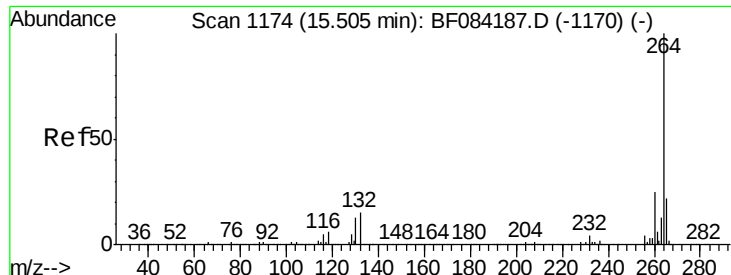


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084312.D
Acq: 7 Jan 2016 18:24

Instrument :
BNA_F
ClientSampleId :
DUP001

Tgt Ion:	264	Resp:	528563
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.8	26.6

