

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084717.D
 Acq On : 1 Feb 2016 18:57
 Operator : SJ/IZ
 Sample : H1283-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0538

Quant Time: Feb 02 00:32:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

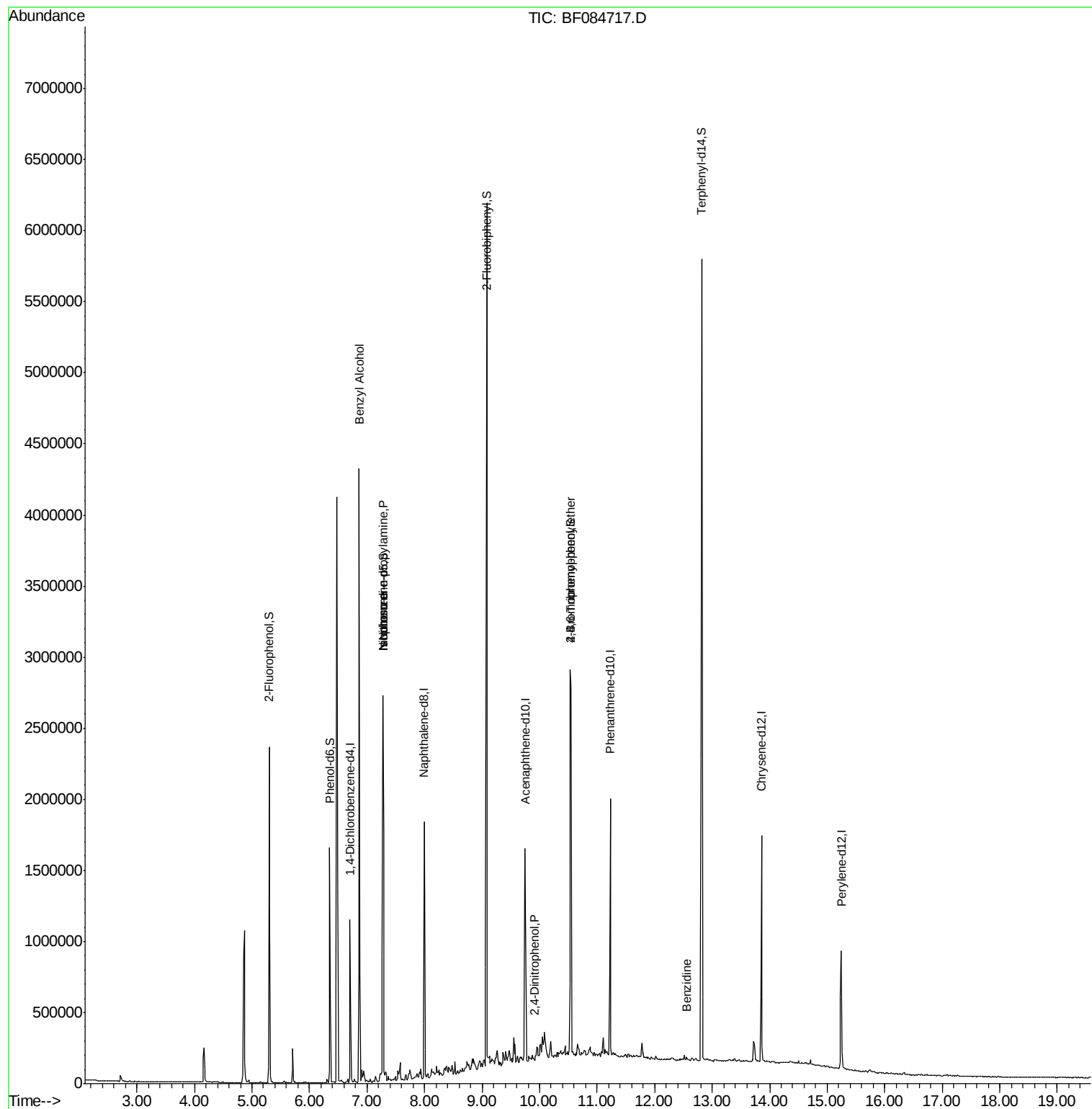
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	181694	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	784655	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	357018	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	685470	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	561951	20.00	ng	-0.01
86) Perylene-d12	15.24	264	392900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	747306	64.06	ng	-0.01
7) Phenol-d6	6.35	99	572697	39.60	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1208447	86.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	560331	150.46	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2222996	123.45	ng	-0.01
78) Terphenyl-d14	12.82	244	1819379	73.37	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.86	79	20978	2.10	ng	# 45
19) n-Nitroso-di-n-propylamine	7.28	70	168476	18.59	ng	# 71
25) Isophorone	7.28	82	1002797	37.02	ng	# 66
53) 2,4-Dinitrophenol	9.90	184	1002	6.14	ng	# 72
60) 4-Chlorophenyl-phenylether	10.29	204	602	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.54	248	34154	4.51	ng	# 1
76) Benzydine	12.56	184	1275	6.93	ng	# 1

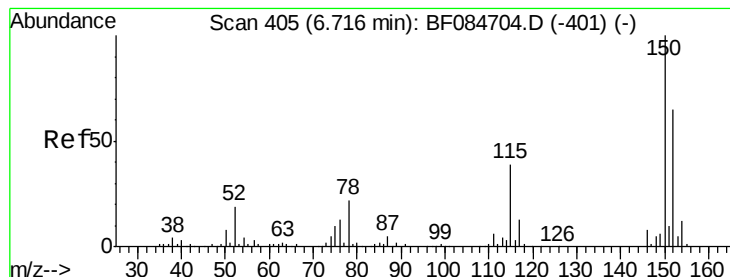
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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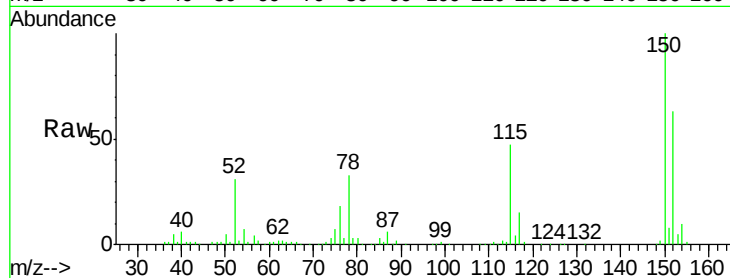


#1

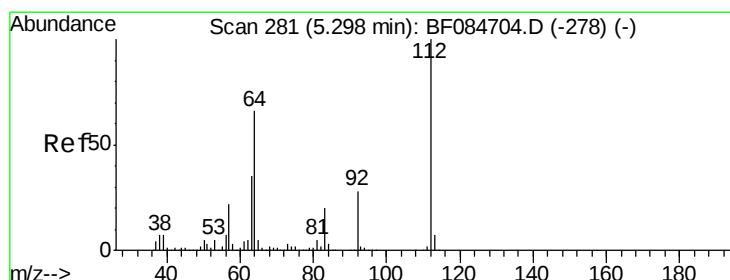
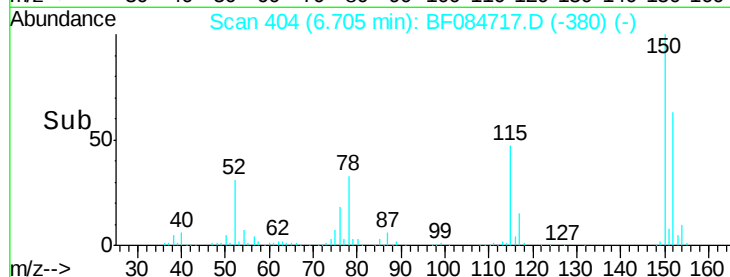
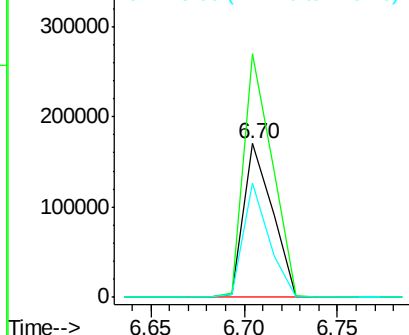
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084717.D
Acq: 1 Feb 2016 18:57

Instrument :
BNA_F
ClientSampleId :
S8-0538

Tgt Ion:152 Resp: 181694
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.4
115 74.2 51.4 77.2



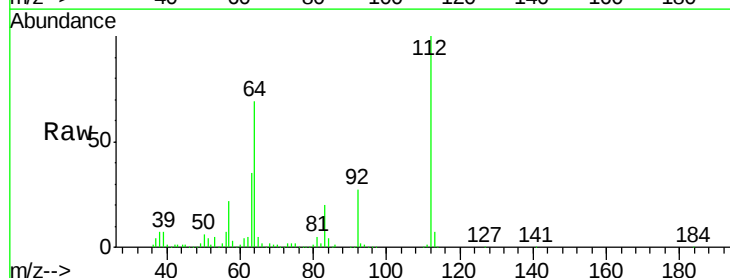
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



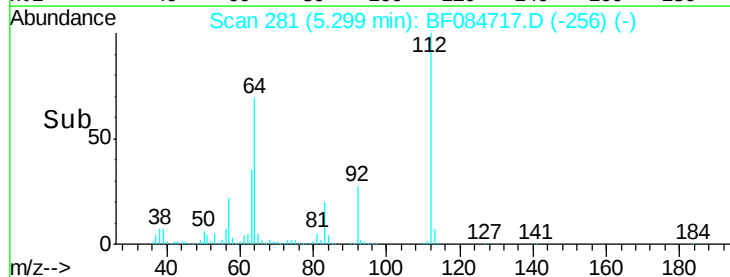
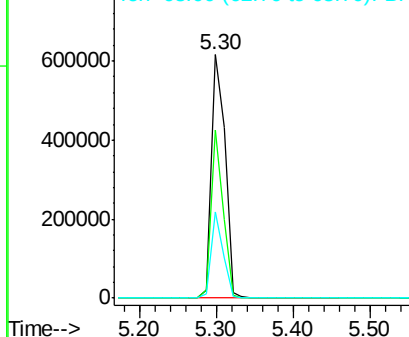
#5

2-Fluorophenol
Concen: 64.06 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF084717.D
Acq: 1 Feb 2016 18:57

Tgt Ion:112 Resp: 747306
Ion Ratio Lower Upper
112 100
64 69.0 36.6 55.0#
63 35.3 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: 39.60 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

Instrument :

BNA_F

ClientSampleId :

S8-0538

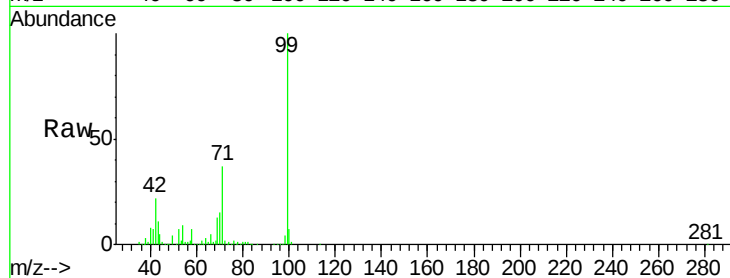
Tgt Ion: 99 Resp: 572697

Ion Ratio Lower Upper

99 100

42 21.8 12.8 19.2#

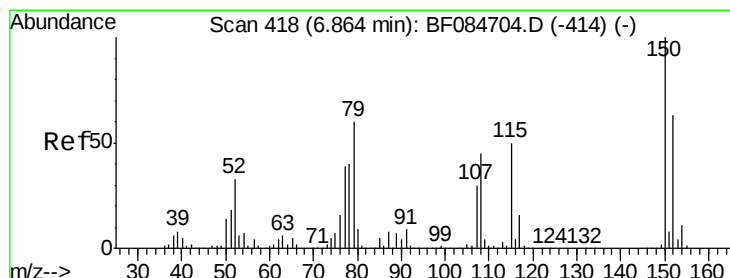
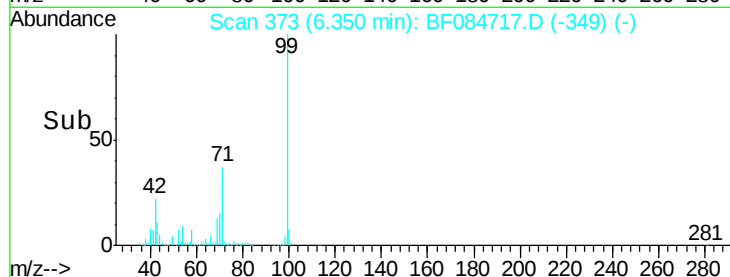
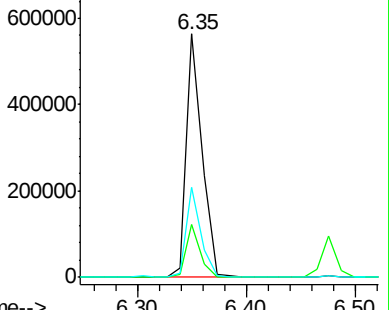
71 36.8 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

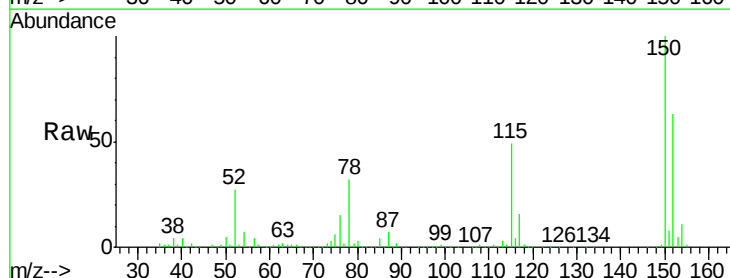
Tgt Ion: 79 Resp: 20978

Ion Ratio Lower Upper

79 100

108 24.2 69.0 103.4#

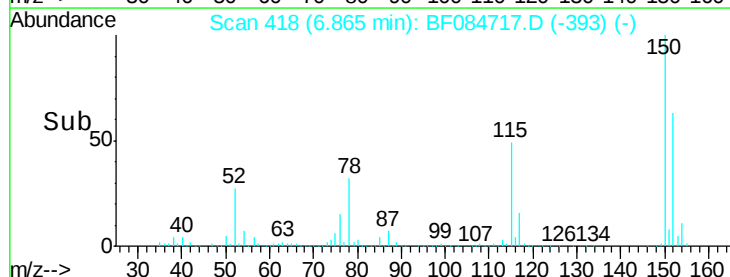
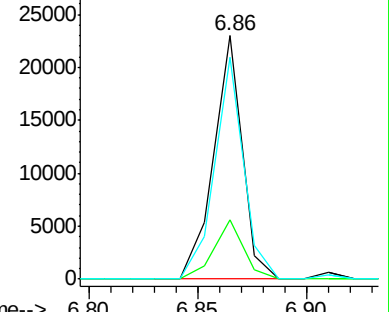
77 91.2 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.59 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

Instrument :

BNA_F

ClientSampleId :

S8-0538

Tgt Ion: 70 Resp: 168476

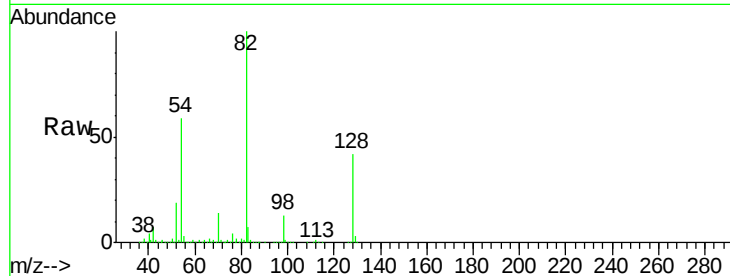
Ion Ratio Lower Upper

70 100

42 50.5 33.3 49.9#

101 0.5 9.3 13.9#

130 1.9 23.4 35.0#

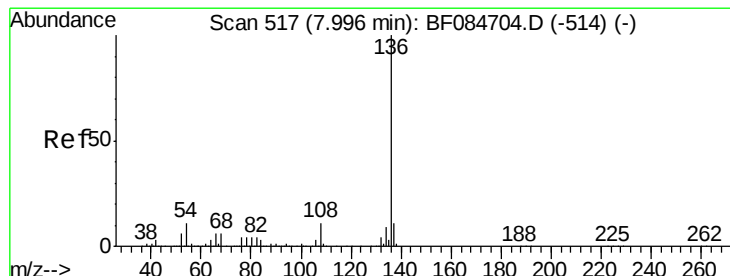
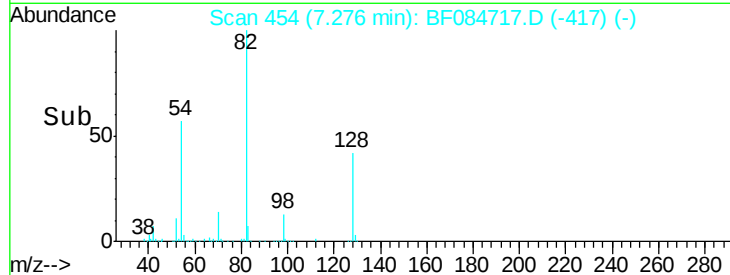
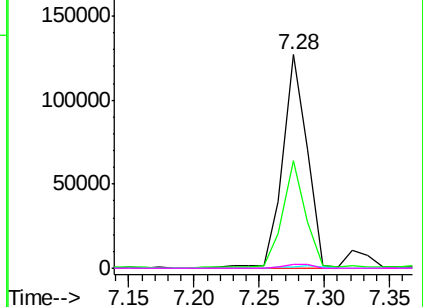


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

Tgt Ion: 136 Resp: 784655

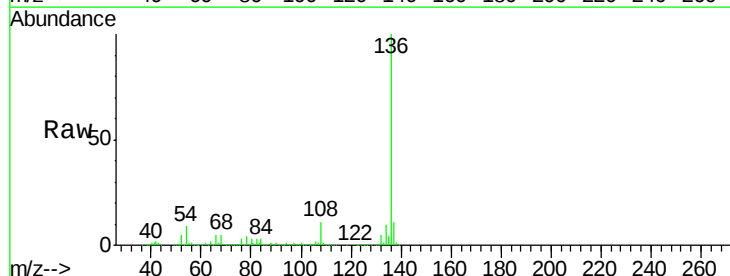
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.8 5.8 8.8#

68 5.2 4.2 6.2

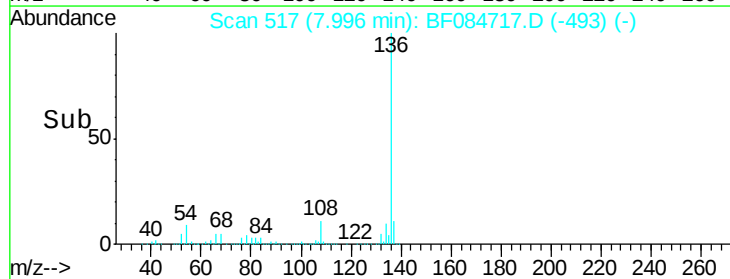
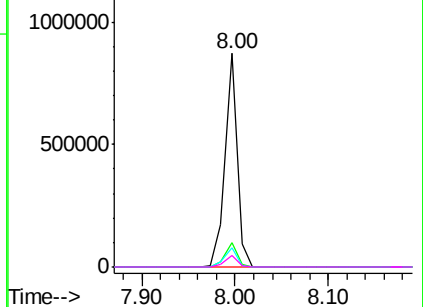


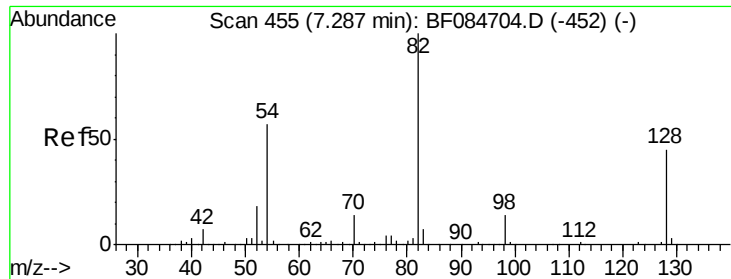
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 86.76 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

Instrument :

BNA_F

ClientSampleId :

S8-0538

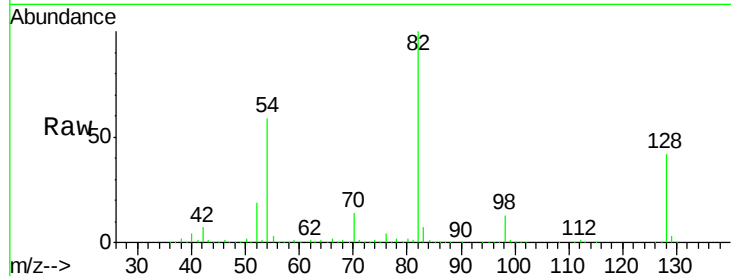
Tgt Ion: 82 Resp: 1208447

Ion Ratio Lower Upper

82 100

128 42.4 34.6 51.8

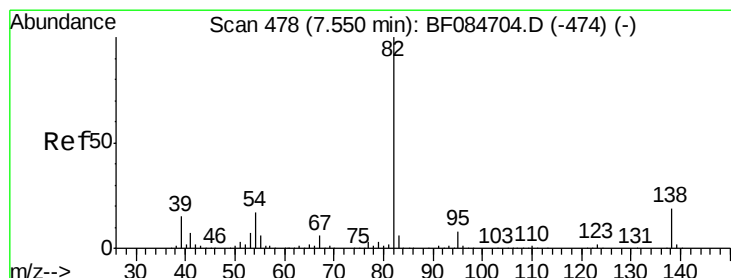
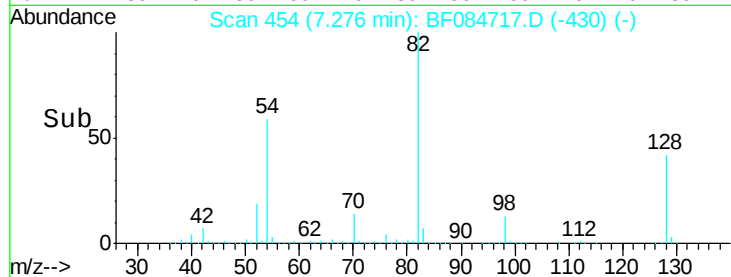
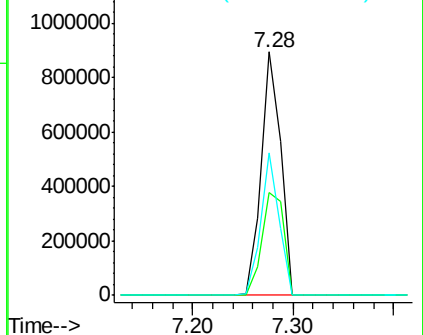
54 58.7 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.02 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

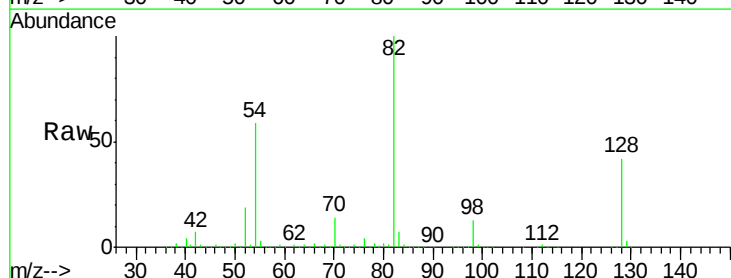
Tgt Ion: 82 Resp: 1002797

Ion Ratio Lower Upper

82 100

95 0.1 6.6 10.0#

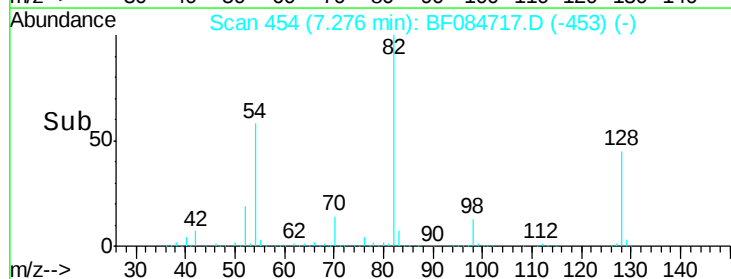
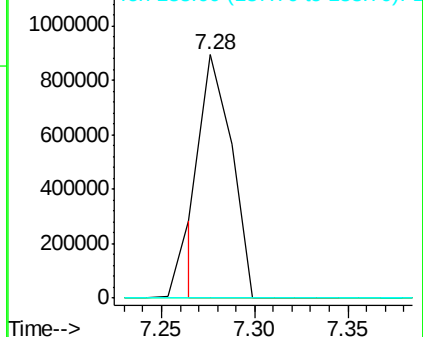
138 0.0 13.6 20.4#

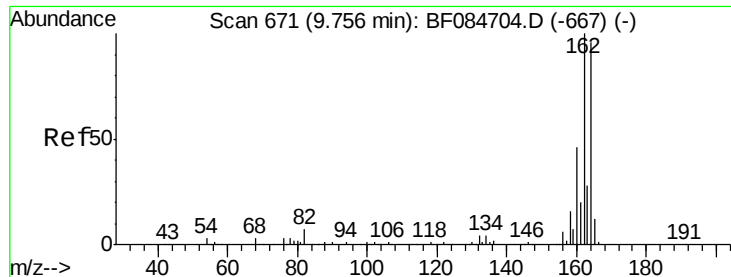


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

Instrument :

BNA_F

ClientSampleId :

S8-0538

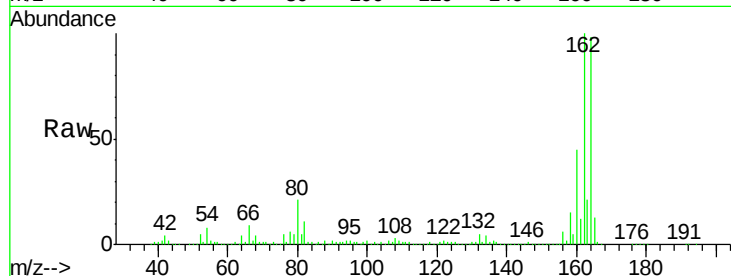
Tgt Ion:164 Resp: 357018

Ion Ratio Lower Upper

164 100

162 102.4 85.1 127.7

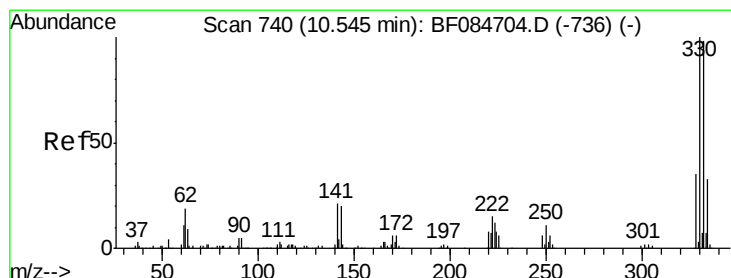
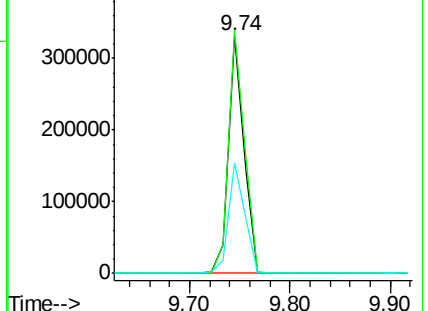
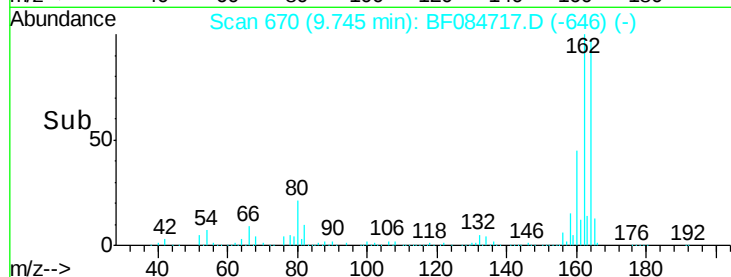
160 46.5 37.5 56.3



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: 150.46 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

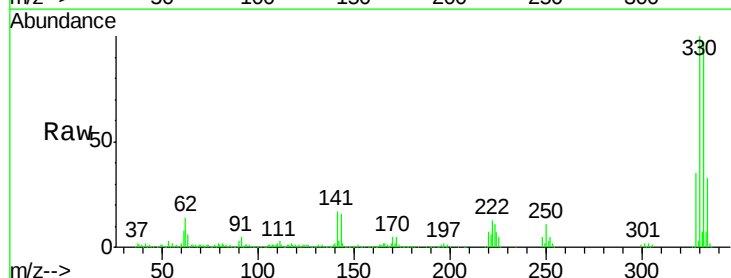
Tgt Ion:330 Resp: 560331

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

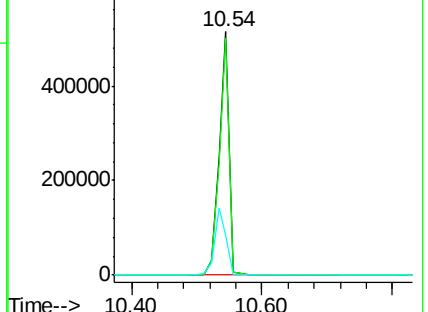
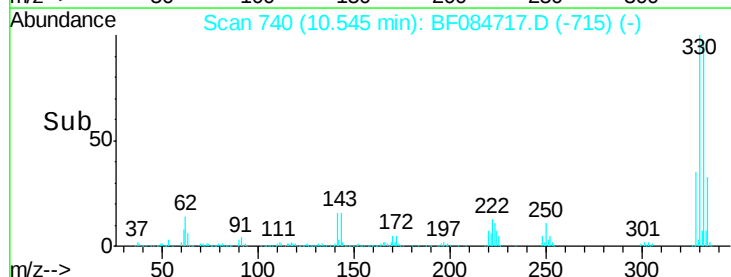
141 31.7 27.8 41.6

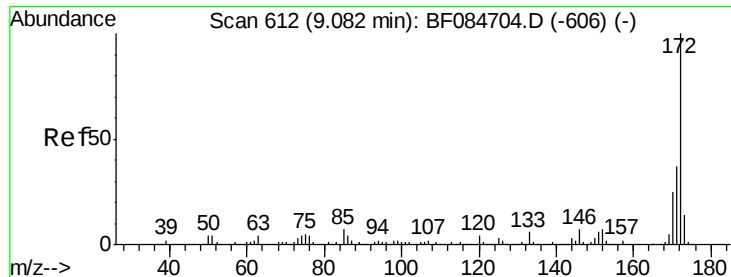


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

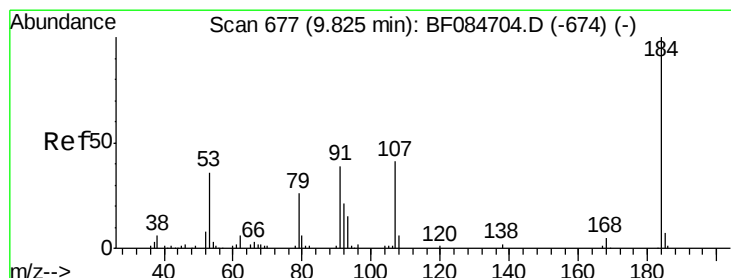
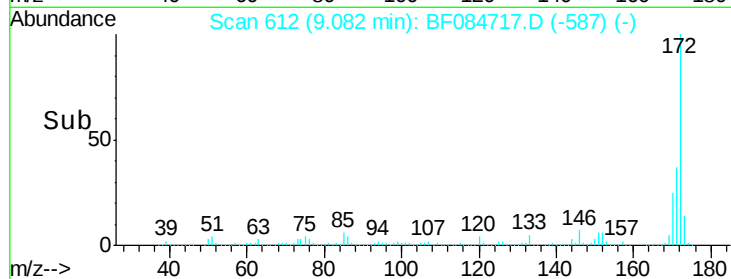
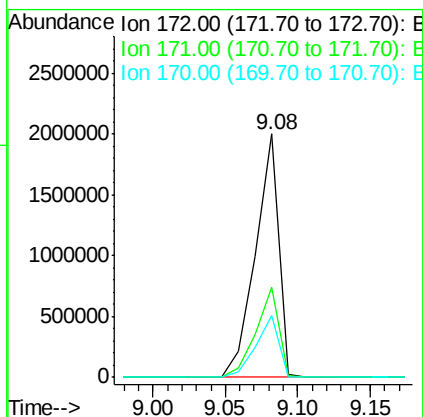
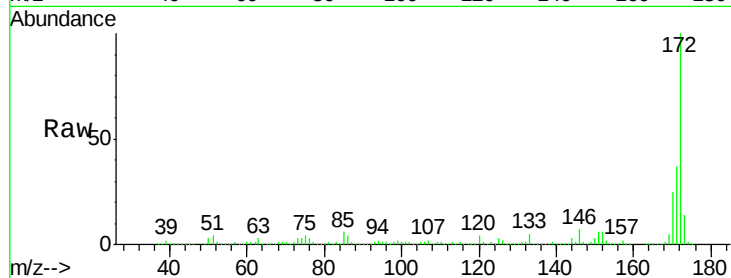




#44
 2-Fluorobiphenyl
 Concen: 123.45 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084717.D
 Acq: 1 Feb 2016 18:57

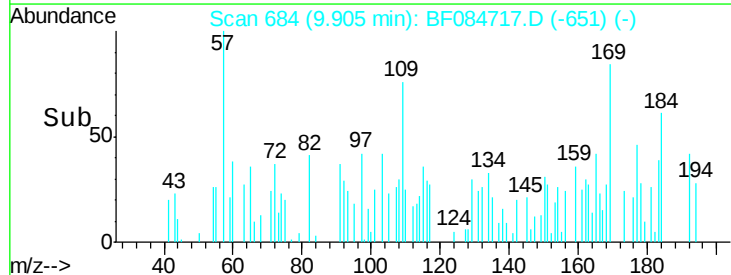
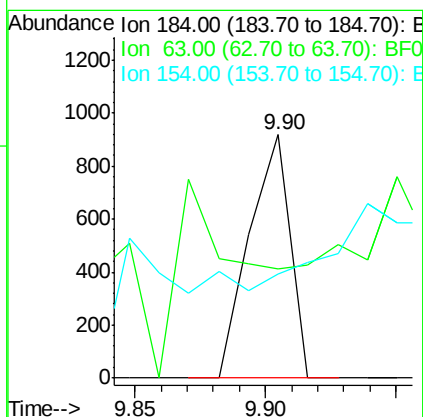
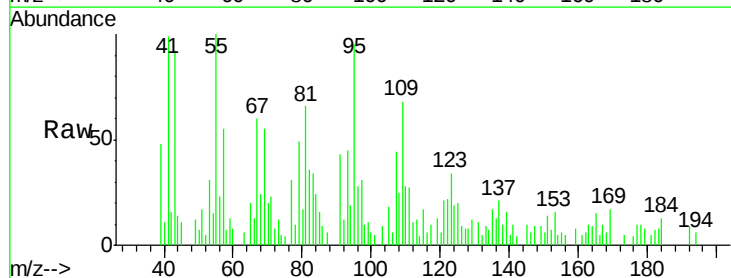
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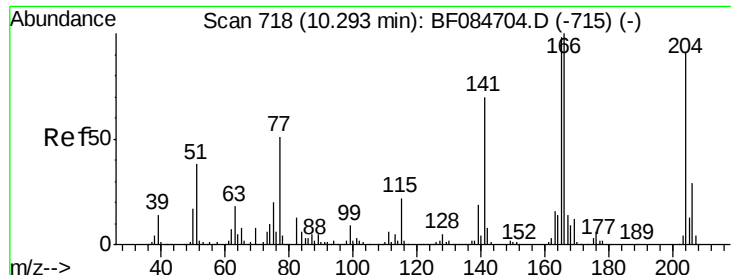
Tgt Ion:172 Resp: 2222996
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.2 18.6 27.8



#53
 2,4-Dinitrophenol
 Concen: 6.14 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.08 min
 Lab File: BF084717.D
 Acq: 1 Feb 2016 18:57

Tgt Ion:184 Resp: 1002
 Ion Ratio Lower Upper
 184 100
 63 44.9 43.1 64.7
 154 42.5 60.5 90.7#

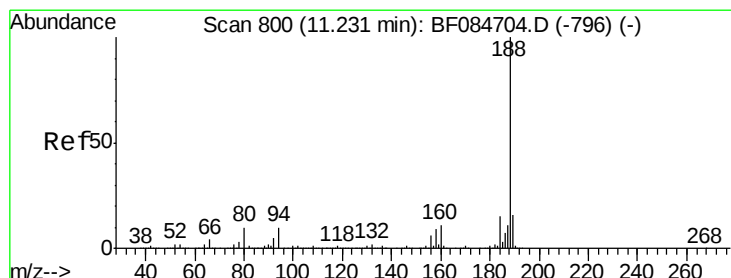
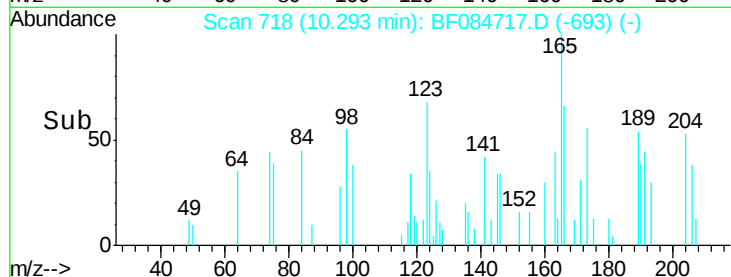
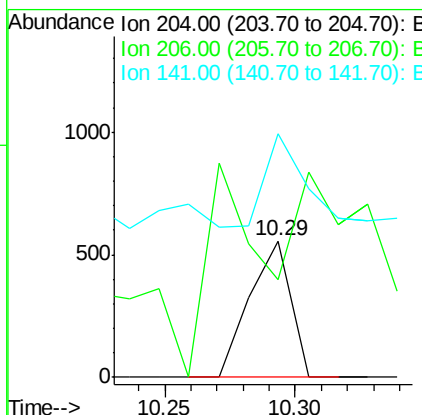
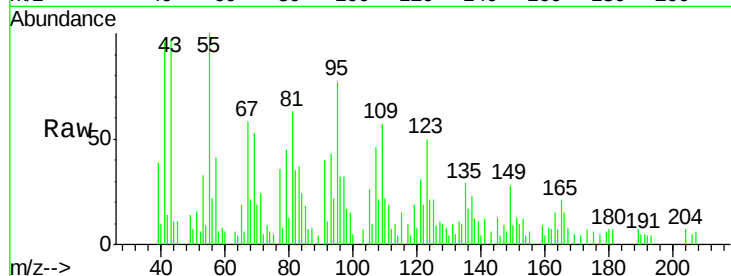




#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.29 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF084717.D
 Acq: 1 Feb 2016 18:57

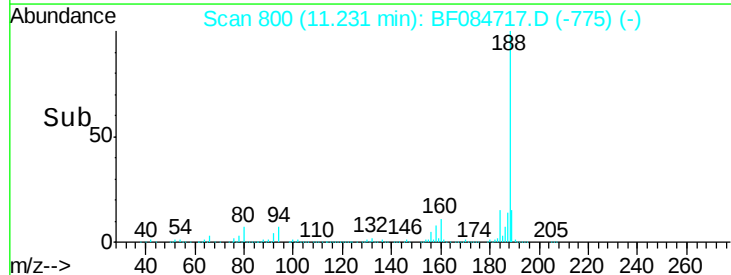
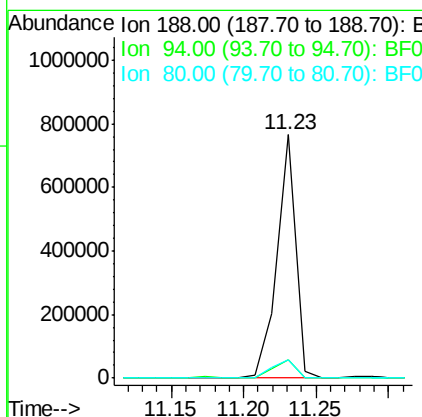
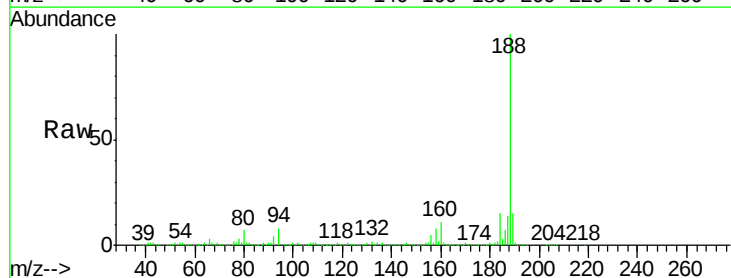
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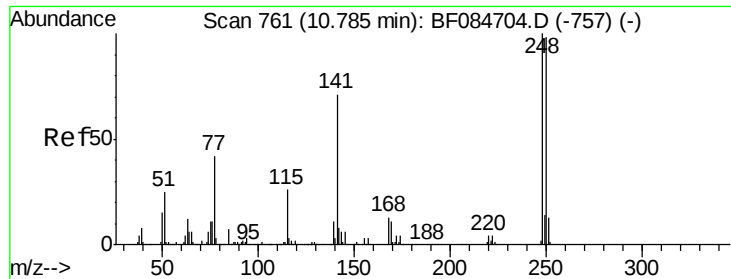
Tgt Ion: 204 Resp: 602
 Ion Ratio Lower Upper
 204 100
 206 71.4 25.7 38.5#
 141 178.9 55.1 82.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF084717.D
 Acq: 1 Feb 2016 18:57

Tgt Ion: 188 Resp: 685470
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.0 13.4#
 80 7.5 9.6 14.4#

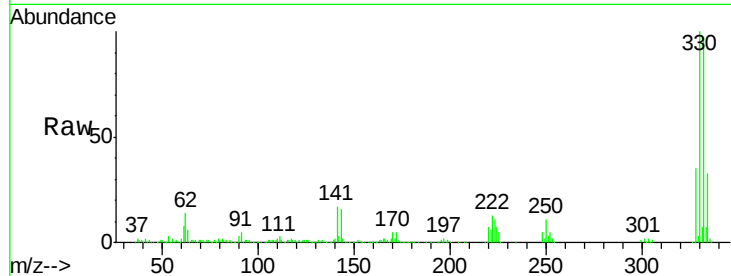




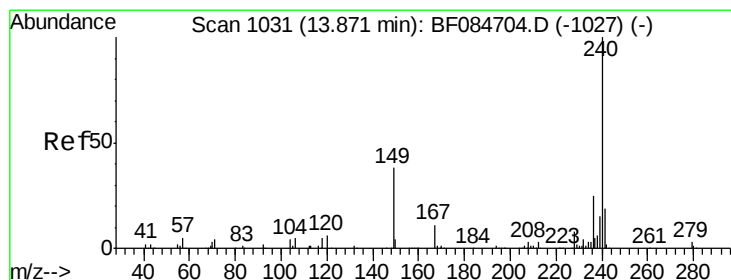
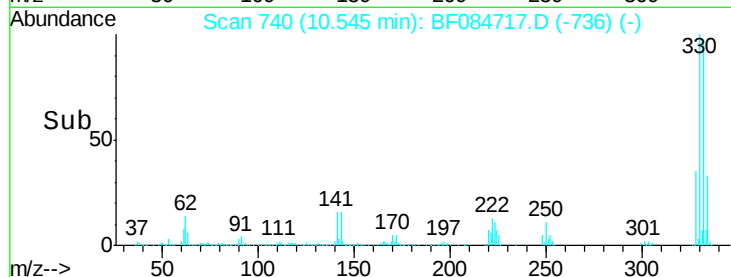
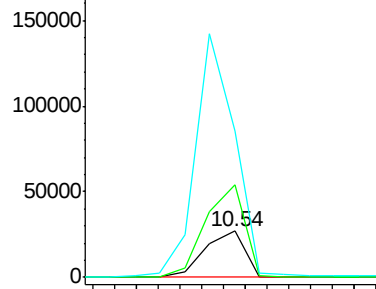
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084717.D
Acq: 1 Feb 2016 18:57

Instrument :
BNA_F
ClientSampleId :
S8-0538

Tgt Ion:248 Resp: 34154
Ion Ratio Lower Upper
248 100
250 201.1 78.4 117.6#
141 316.1 44.0 66.0#

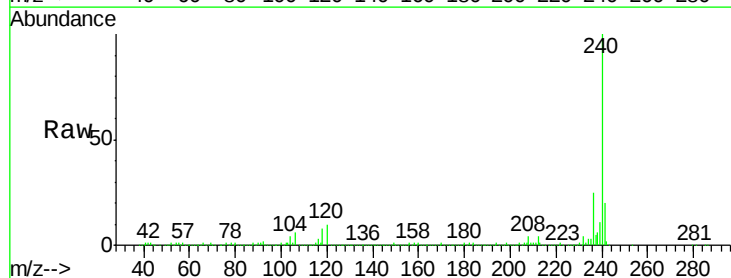


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

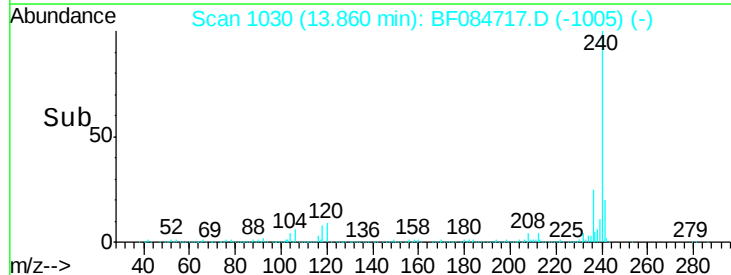
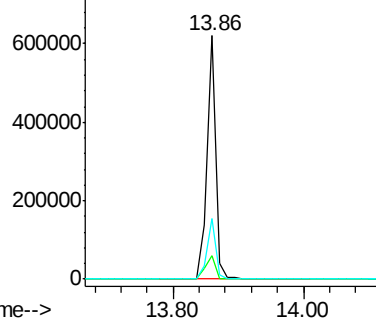


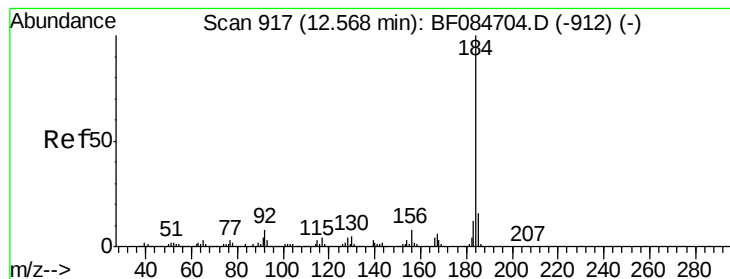
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084717.D
Acq: 1 Feb 2016 18:57

Tgt Ion:240 Resp: 561951
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.0 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





#76

Benzidine

Concen: 6.93 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

Instrument :

BNA_F

ClientSampleId :

S8-0538

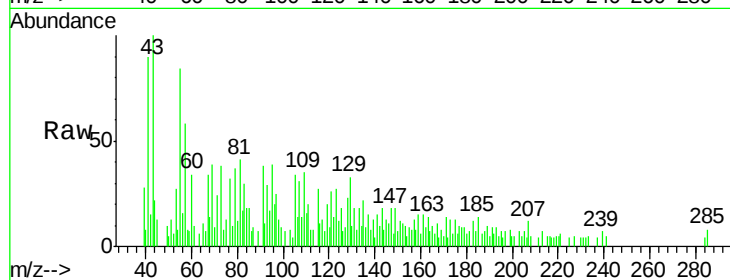
Tgt Ion:184 Resp: 1275

Ion Ratio Lower Upper

184 100

185 210.2 12.2 18.2#

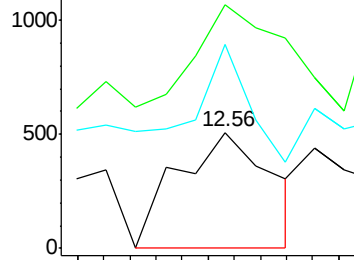
183 176.4 9.8 14.8#



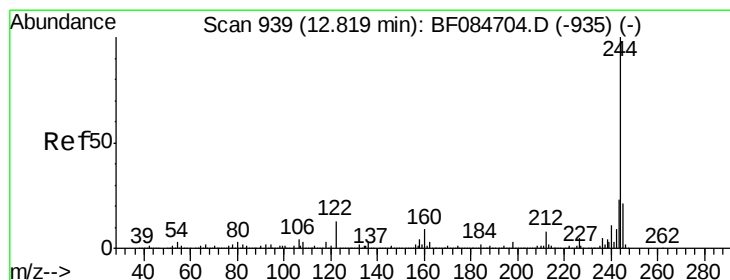
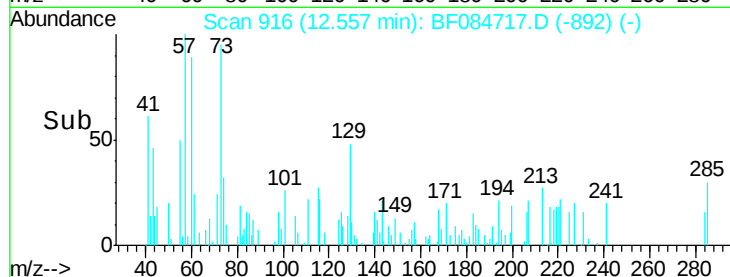
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Terphenyl-d14

Concen: 73.37 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084717.D

Acq: 1 Feb 2016 18:57

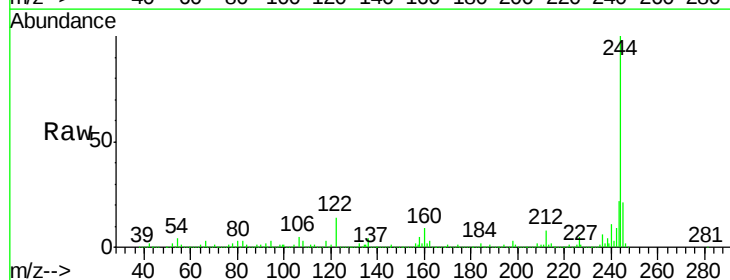
Tgt Ion:244 Resp: 1819379

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

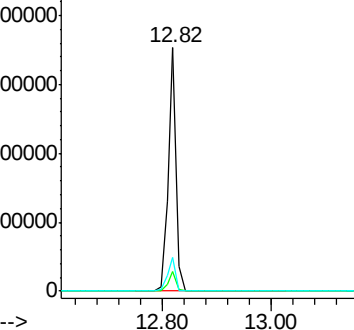
122 13.7 7.4 11.0#



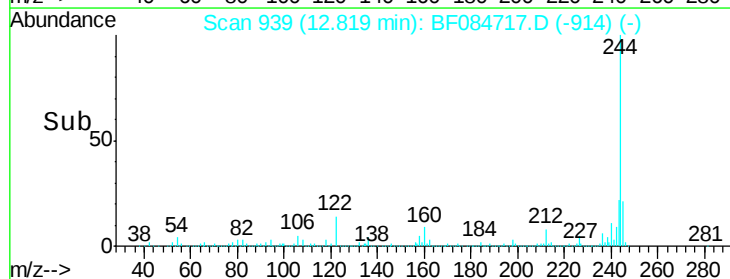
Abundance Ion 244.00 (243.70 to 244.70): E

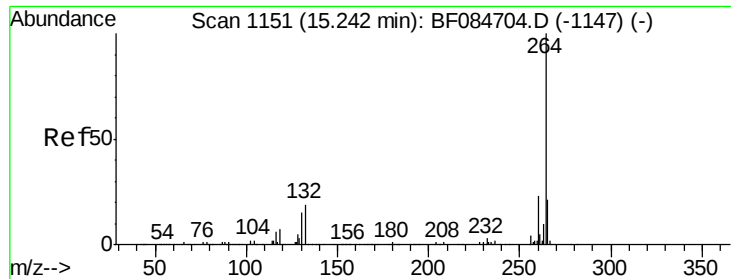
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084717.D
Acq: 1 Feb 2016 18:57

Instrument :
BNA_F
ClientSampleId :
S8-0538

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.2	17.8	26.6

