

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
 Data File : BF096076.D
 Acq On : 21 Jun 2017 9:57
 Operator : SJ/MA
 Sample : I3722-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-7

Quant Time: Jun 21 13:44:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

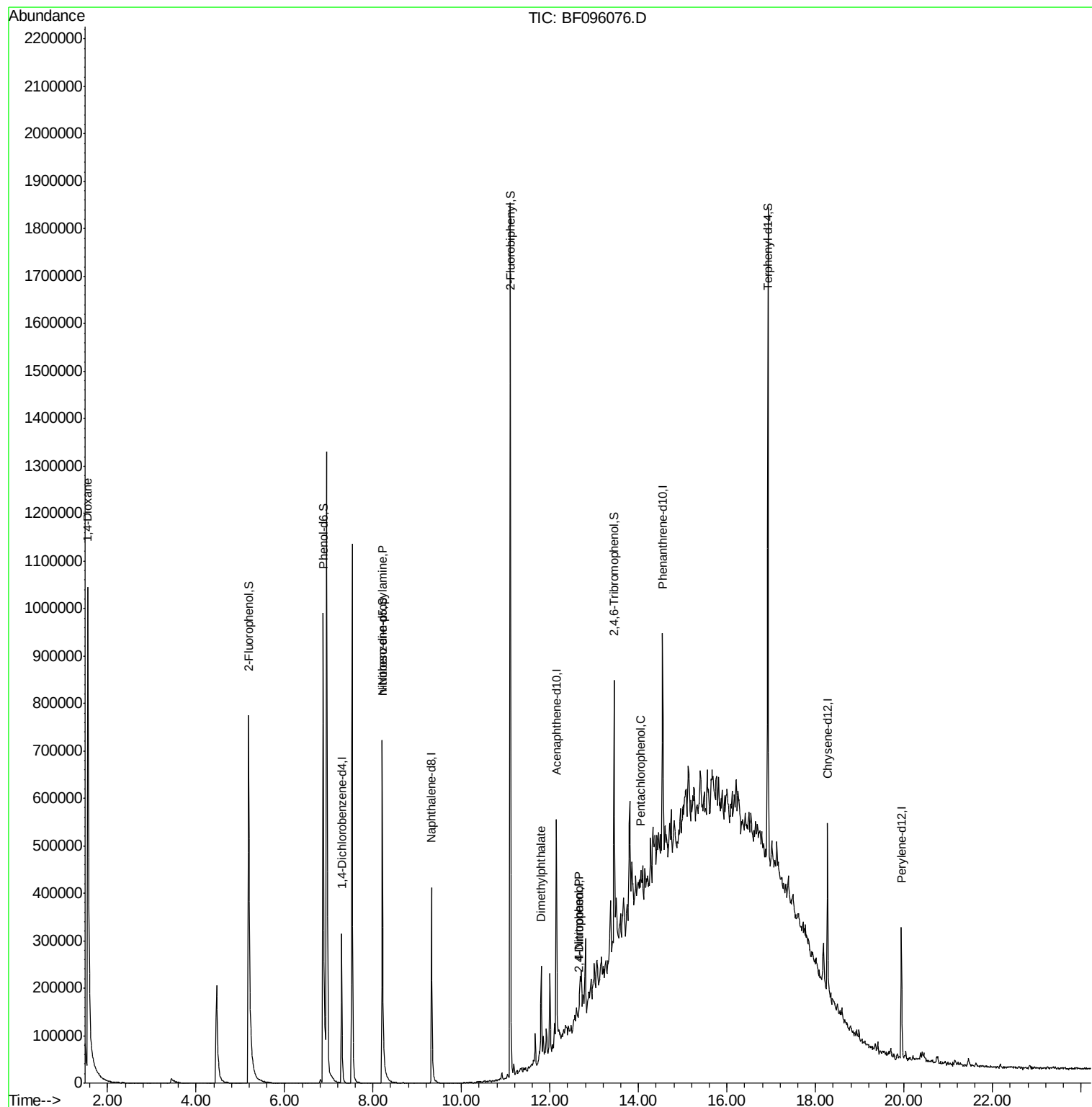
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	81478	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	328132	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	140223	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	211832	20.00	ng	0.00
75) Chrysene-d12	18.27	240	157703	20.00	ng	0.00
86) Perylene-d12	19.94	264	126016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	559683	109.46	ng	0.00
7) Phenol-d6	6.87	99	741768	121.17	ng	0.00
23) Nitrobenzene-d5	8.21	82	427818	80.97	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	116644	94.02	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	845032	83.86	ng	0.00
78) Terphenyl-d14	16.93	244	549193	86.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	51249	21.068	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	51498	13.275	ng	# 77
49) Dimethylphthalate	11.80	163	128367	12.057	ng	99
53) 2,4-Dinitrophenol	12.64	184	375	6.737	ng	# 4
55) 4-Nitrophenol	12.65	139	469	4.907	ng	# 1
69) Pentachlorophenol	14.04	266	514	7.175	ng	# 18

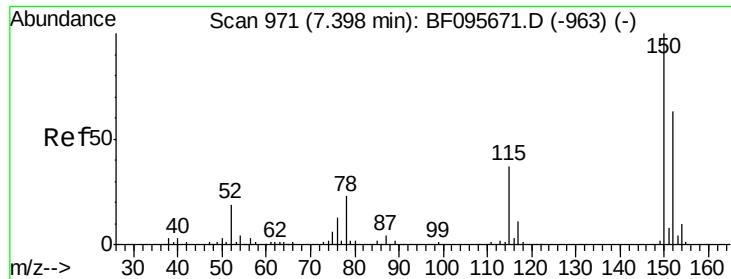
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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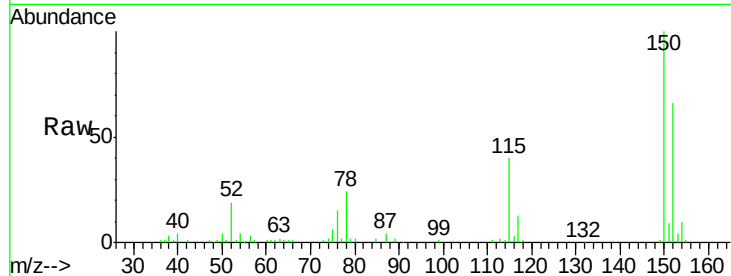


#1

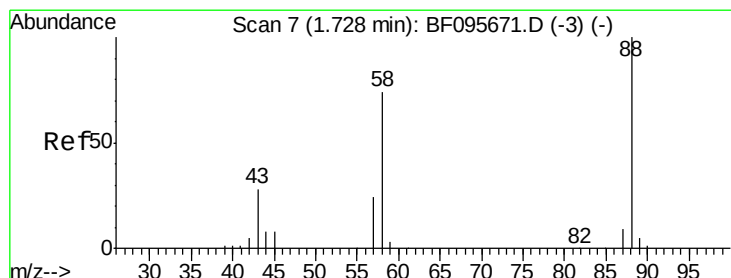
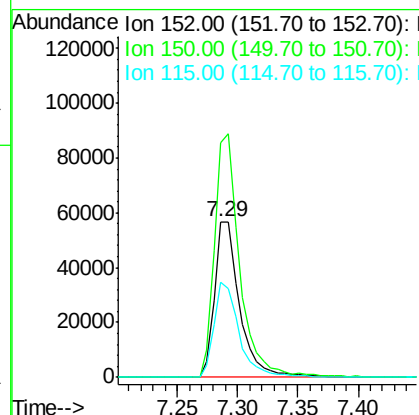
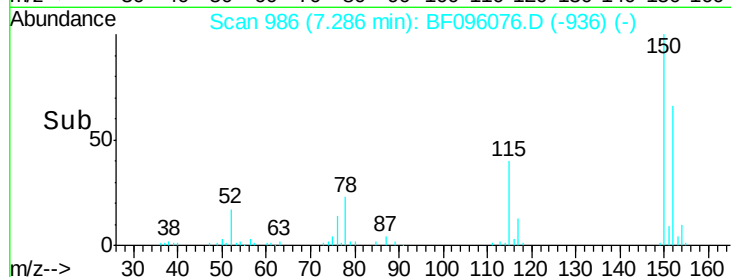
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096076.D
Acq: 21 Jun 2017 9:57

Instrument :
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ClientSampled :
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Tgt Ion: 152 Resp: 81478
Ion Ratio Lower Upper
152 100
150 150.7 126.2 189.2
115 61.0 52.2 78.2



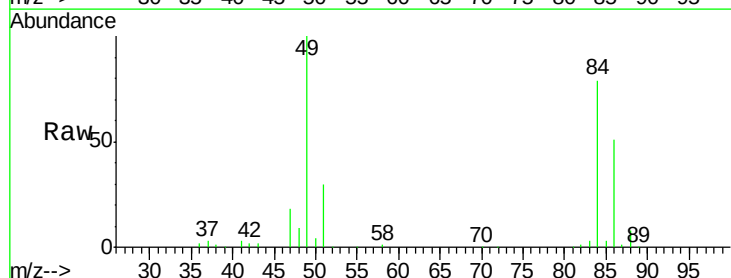
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



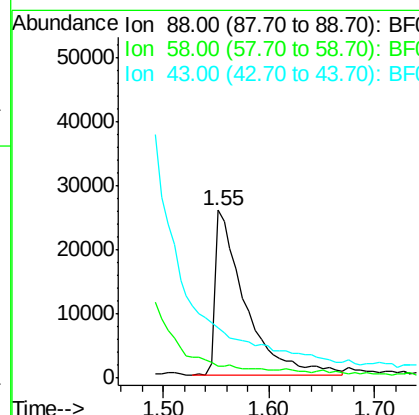
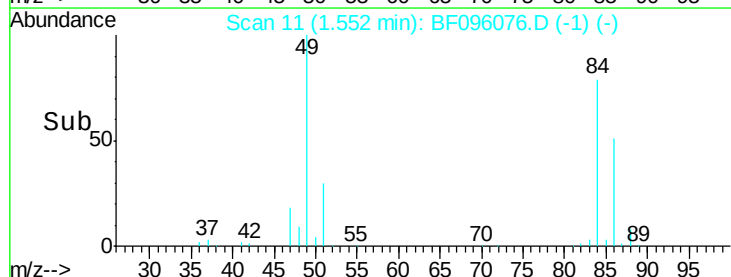
#2

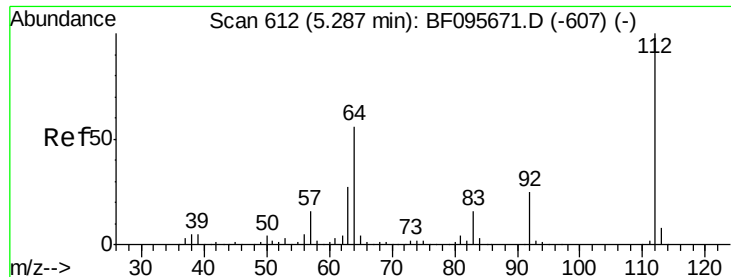
1,4-Dioxane
Concen: 21.068 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096076.D
Acq: 21 Jun 2017 9:57

Tgt Ion: 88 Resp: 51249
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 109.456 ng

RT: 5.19 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

Instrument :

BNA_F

ClientSampleId :

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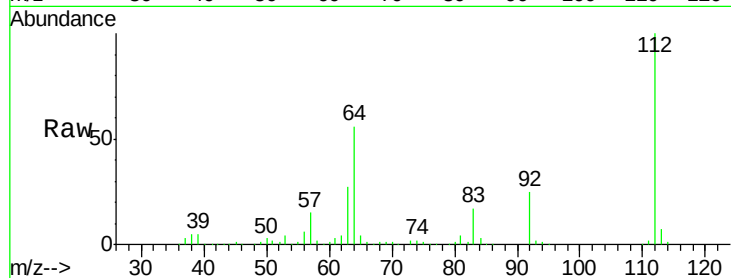
Tgt Ion: 112 Resp: 559683

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

63 27.0 23.4 35.0

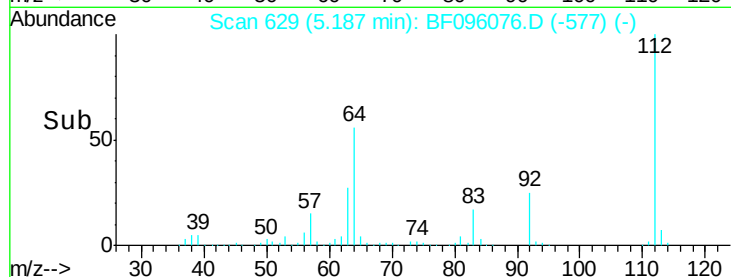


Abundance Ion 112.00 (111.70 to 112.70): E

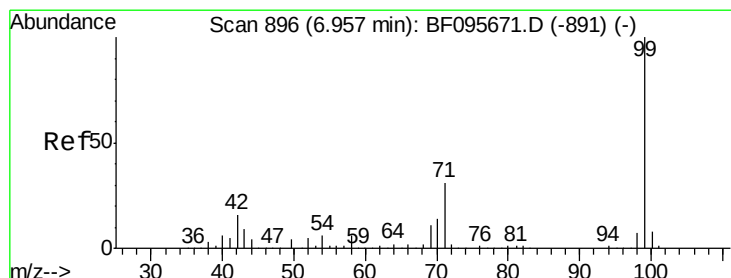
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 121.174 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

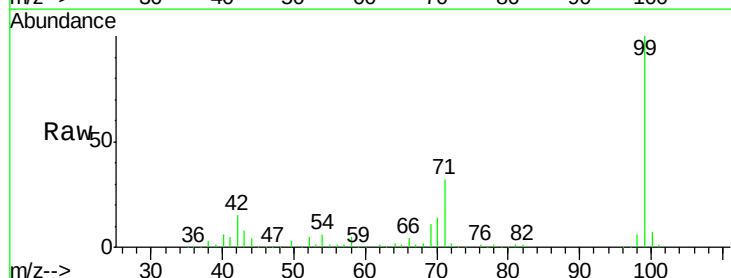
Tgt Ion: 99 Resp: 741768

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

71 31.5 24.5 36.7

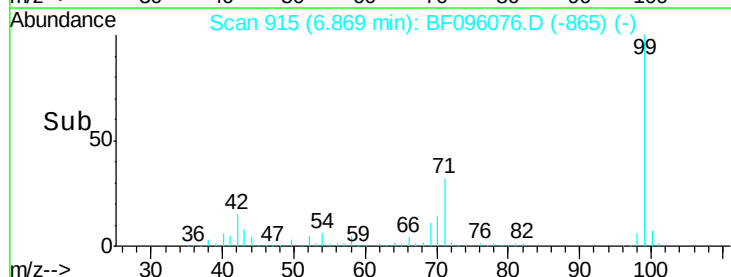


Abundance Ion 99.00 (98.70 to 99.70): BF0

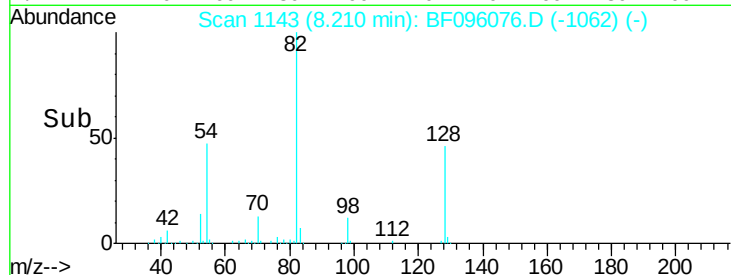
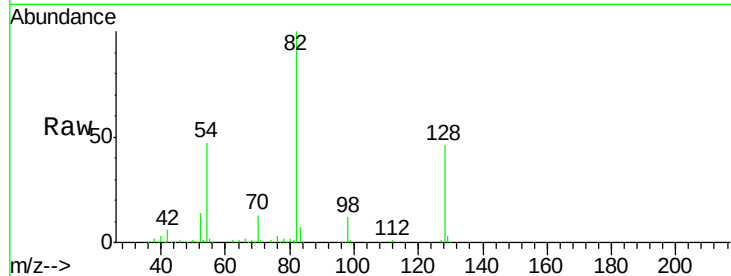
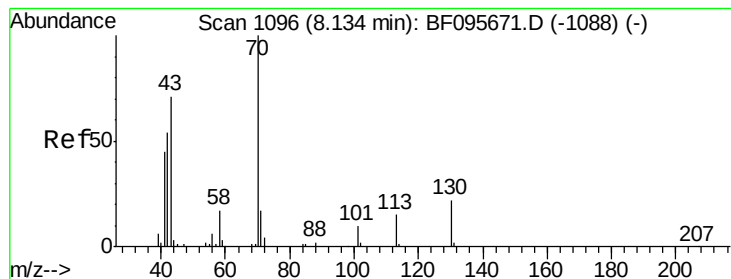
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

Time-->



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.275 ng

RT: 8.21 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

Instrument :

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ClientSampled :

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Tgt Ion: 70 Resp: 51498

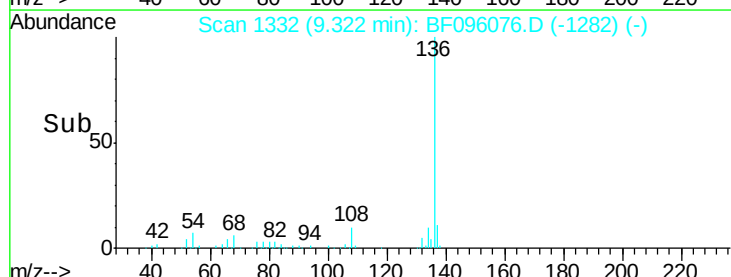
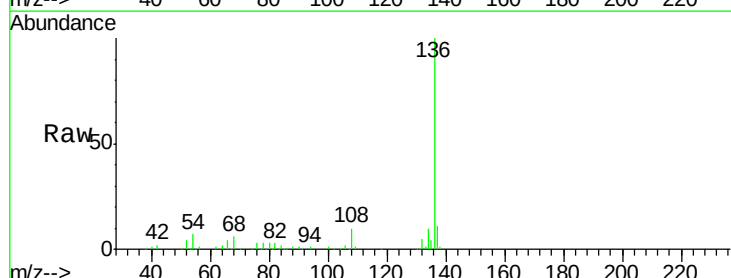
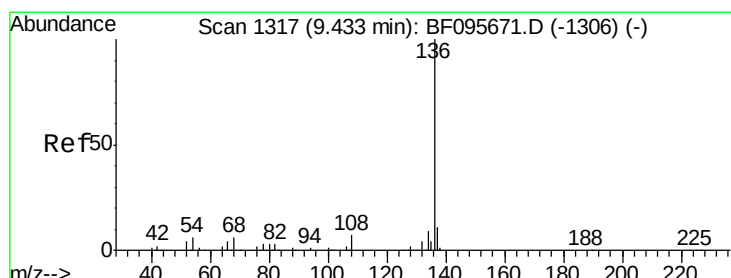
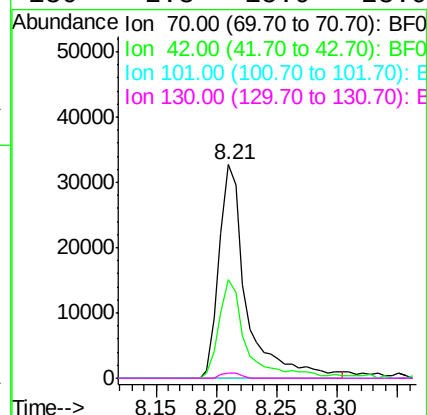
Ion Ratio Lower Upper

70 100

42 46.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

Tgt Ion: 136 Resp: 328132

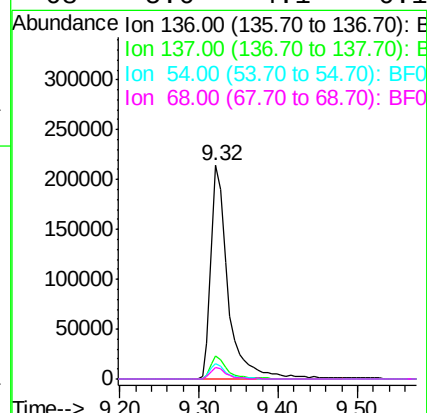
Ion Ratio Lower Upper

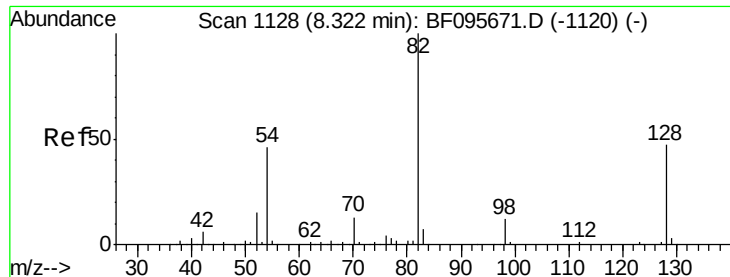
136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

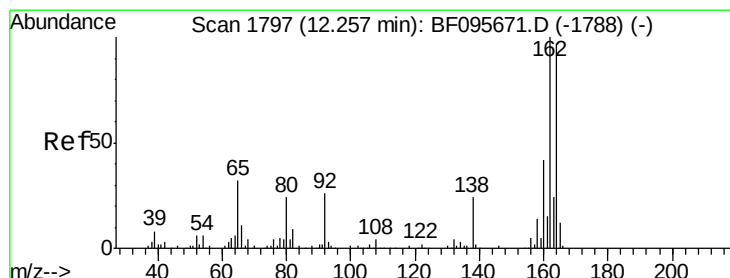
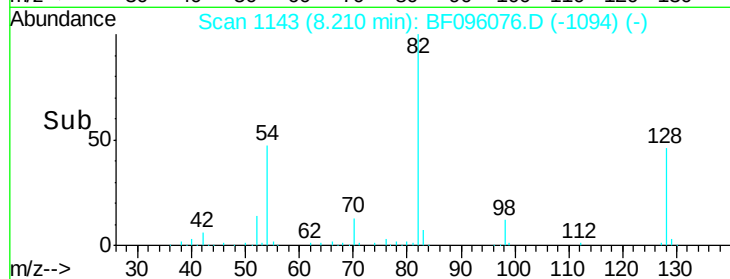
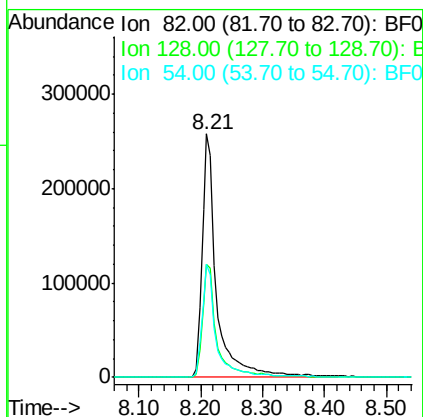
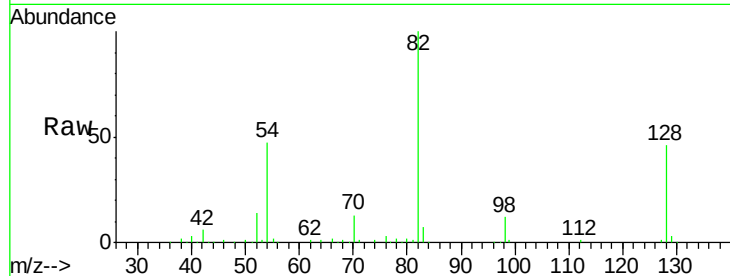




#23
Nitrobenzene-d5
Concen: 80.972 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096076.D
Acq: 21 Jun 2017 9:57

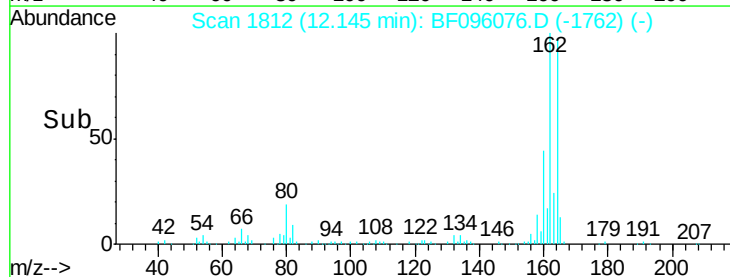
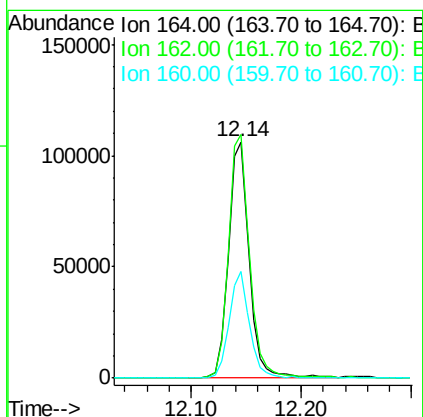
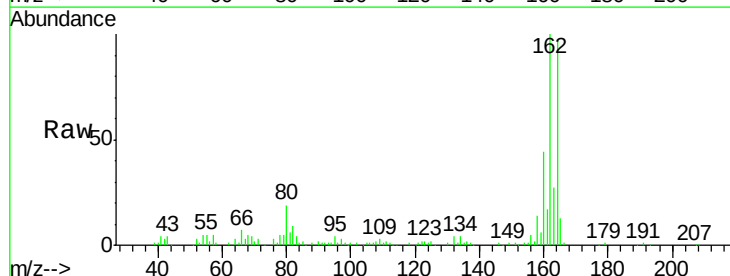
Instrument :
BNA_F
ClientSampleId :
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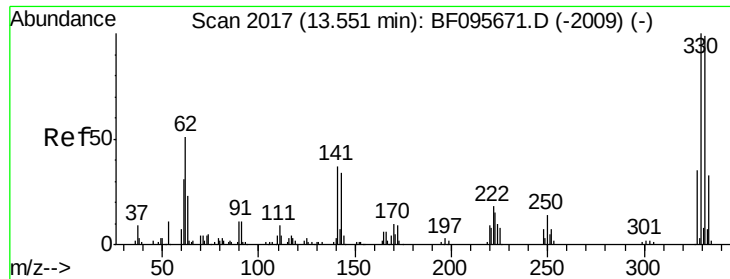
Tgt Ion: 82 Resp: 427818
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 46.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096076.D
Acq: 21 Jun 2017 9:57

Tgt Ion: 164 Resp: 140223
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.2 36.2 54.2

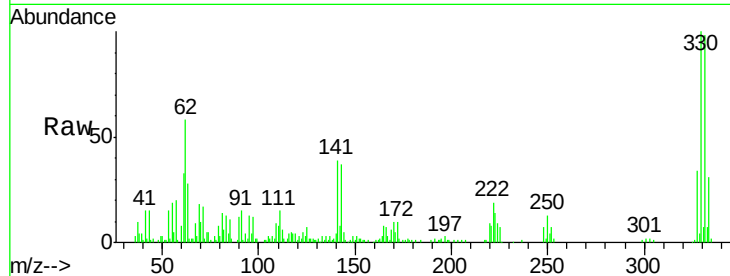




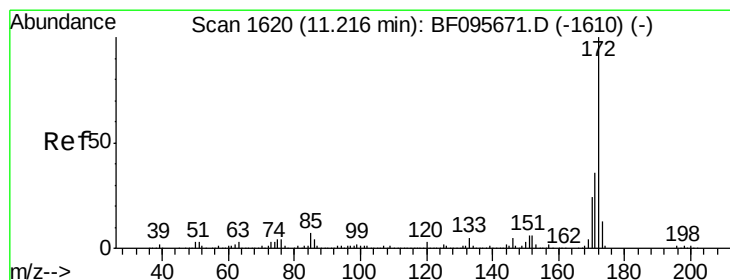
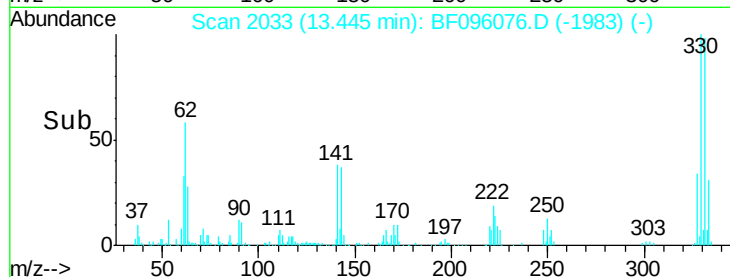
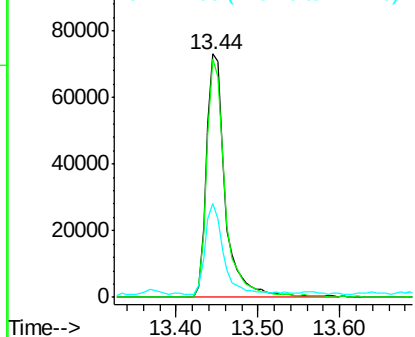
#41
 2,4,6-Tribromophenol
 Concen: 94.019 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096076.D
 Acq: 21 Jun 2017 9:57

Instrument :
 BNA_F
 ClientSampled :
 C-7

Tgt Ion: 330 Resp: 116644
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 35.8 31.4 47.2

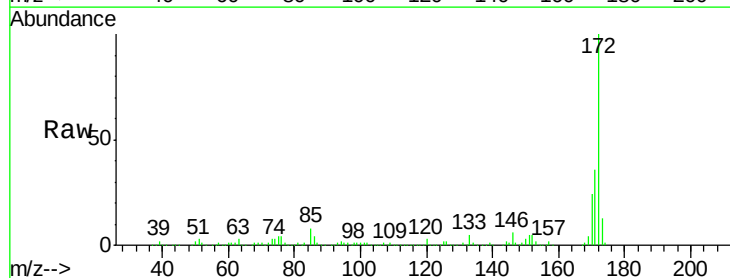


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

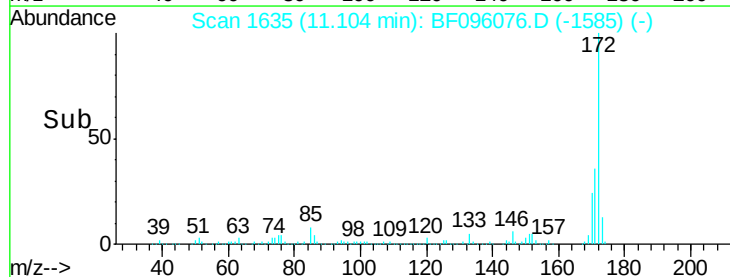
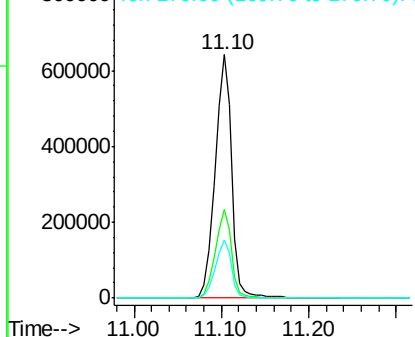


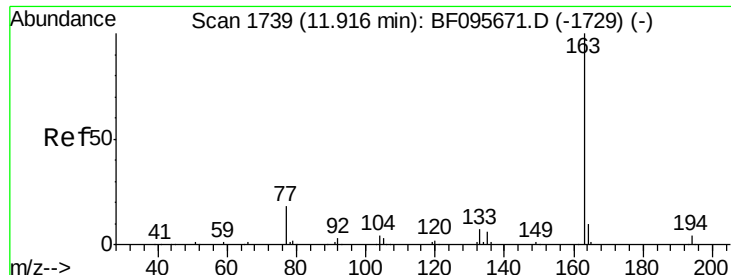
#44
 2-Fluorobiphenyl
 Concen: 83.861 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096076.D
 Acq: 21 Jun 2017 9:57

Tgt Ion: 172 Resp: 845032
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 19.8 29.8



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: 12.057 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

Instrument :

BNA_F

ClientSampleId :

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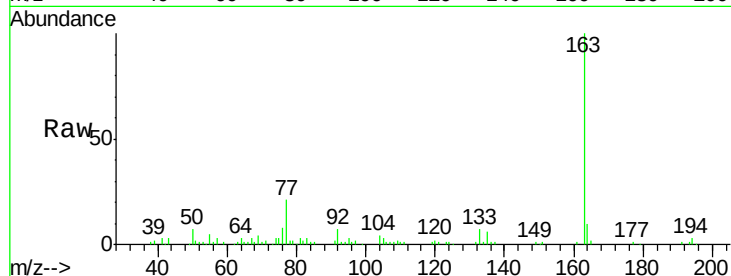
Tgt Ion:163 Resp: 128367

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

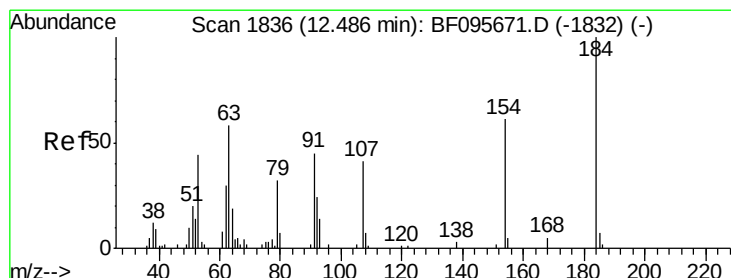
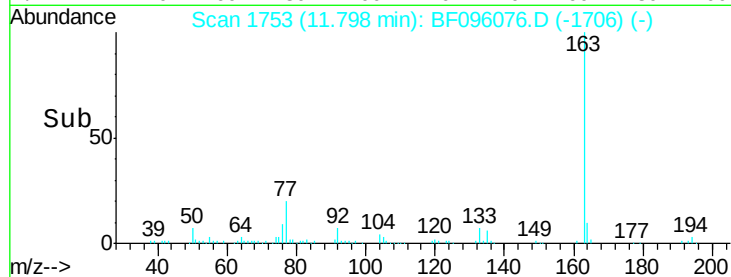
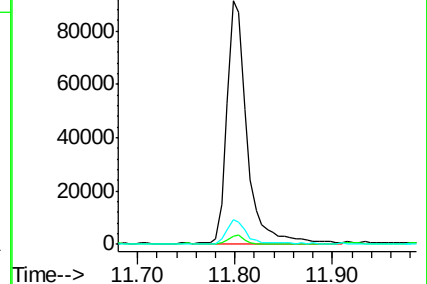
164 10.2 8.4 12.6



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



#53

2,4-Dinitrophenol

Concen: 6.737 ng

RT: 12.64 min Scan# 1896

Delta R.T. 0.22 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

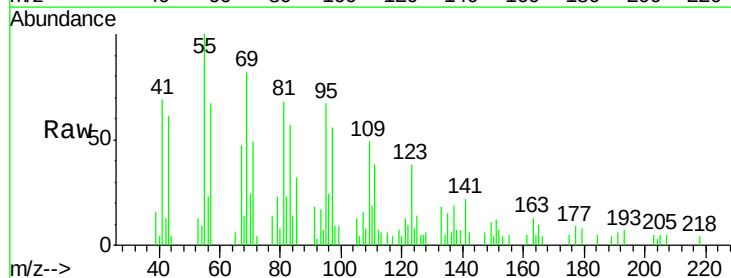
Tgt Ion:184 Resp: 375

Ion Ratio Lower Upper

184 100

63 0.0 62.7 94.1#

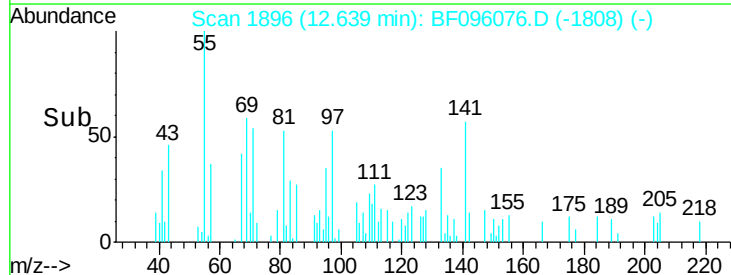
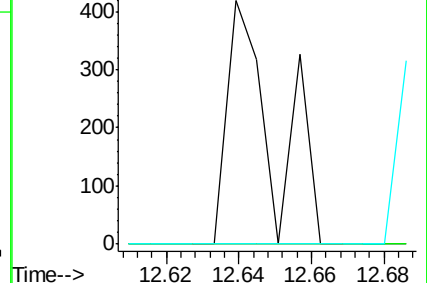
154 0.0 81.1 121.7#

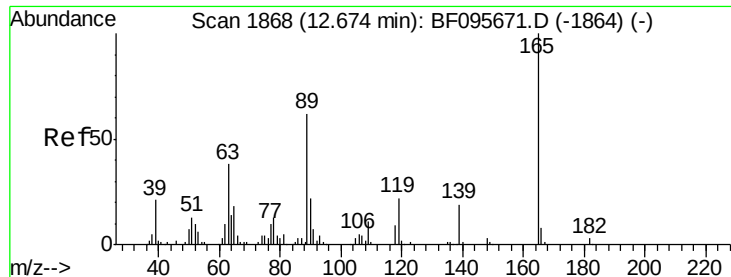


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

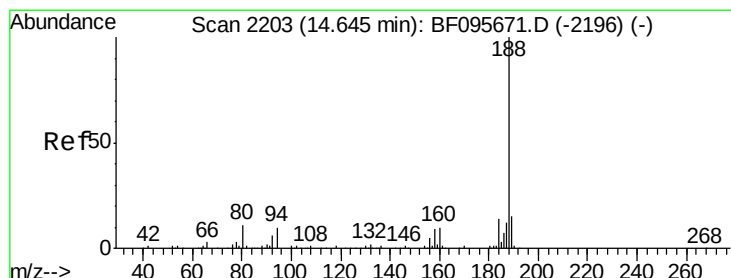
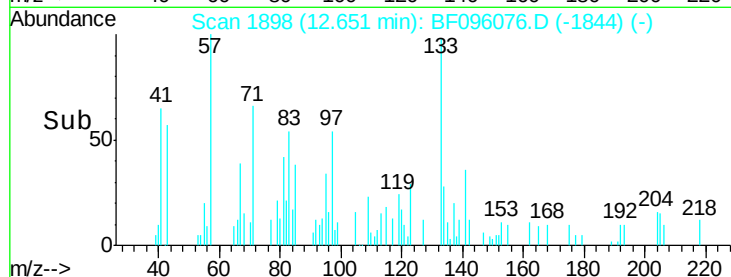
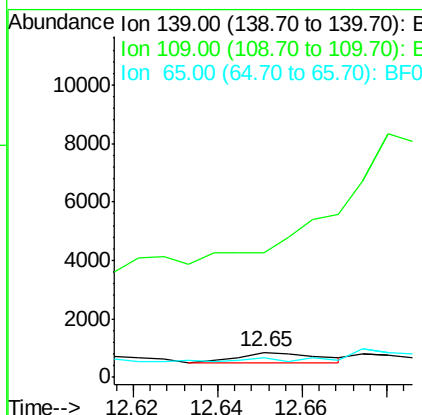
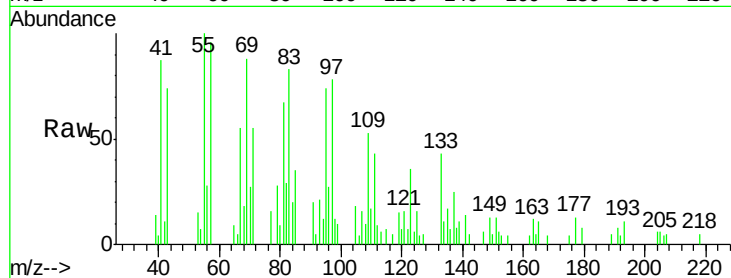




#55
4-Nitrophenol
Concen: 4.907 ng
RT: 12.65 min Scan# 1898
Delta R.T. 0.02 min
Lab File: BF096076.D
Acq: 21 Jun 2017 9:57

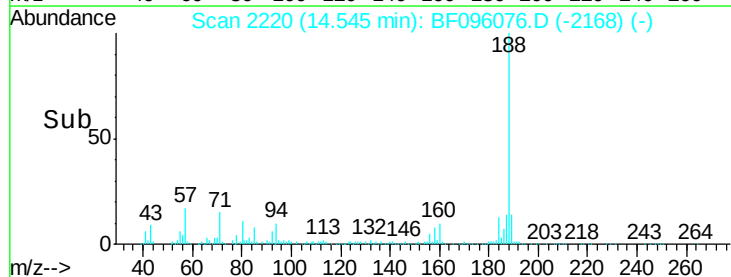
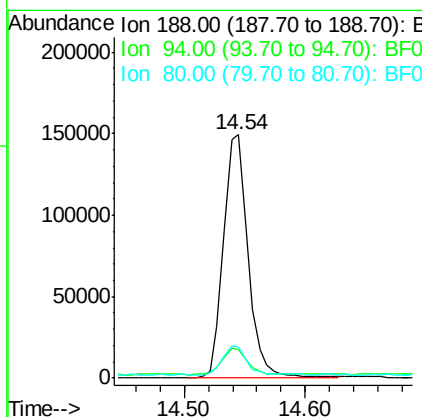
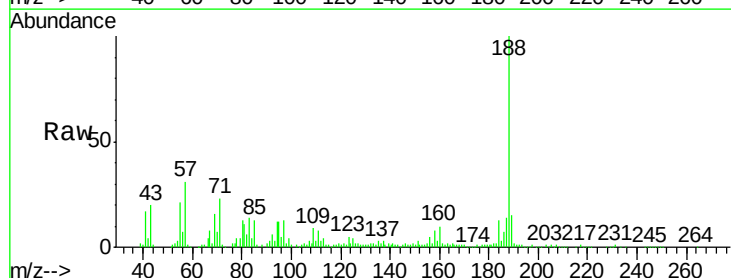
Instrument :
BNA_F
ClientSampleId :
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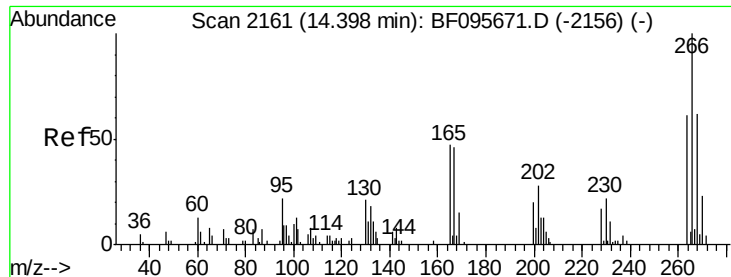
Tgt Ion:139 Resp: 469
Ion Ratio Lower Upper
139 100
109 492.1 34.1 74.1#
65 79.1 31.4 71.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF096076.D
Acq: 21 Jun 2017 9:57

Tgt Ion:188 Resp: 211832
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.6 10.2 15.2





#69

Pentachlorophenol

Concen: 7.175 ng

RT: 14.04 min Scan# 2135

Delta R.T. -0.27 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

Instrument :

BNA_F

ClientSampleId :

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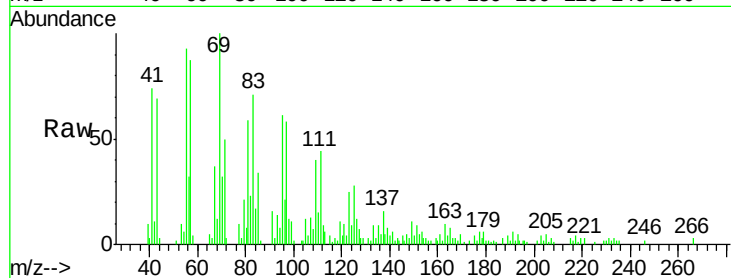
Tgt Ion:266 Resp: 514

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

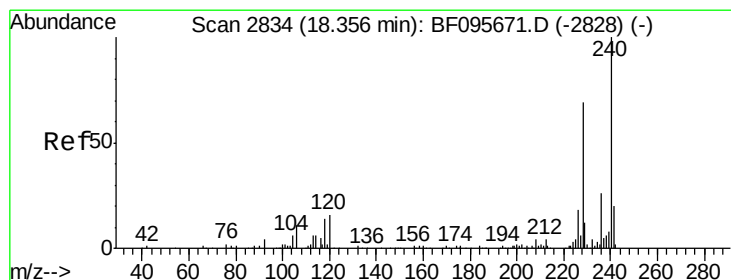
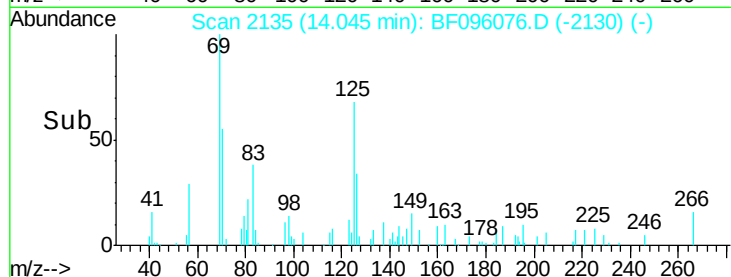
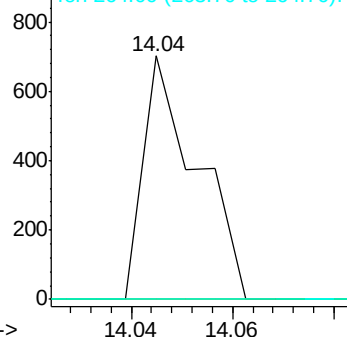
264 0.0 51.7 77.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

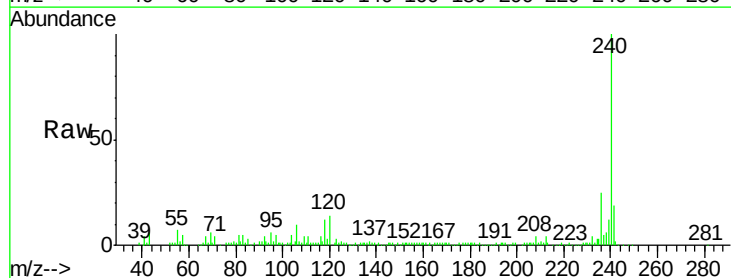
Tgt Ion:240 Resp: 157703

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

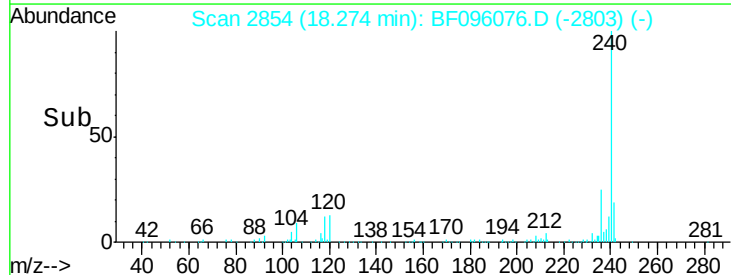
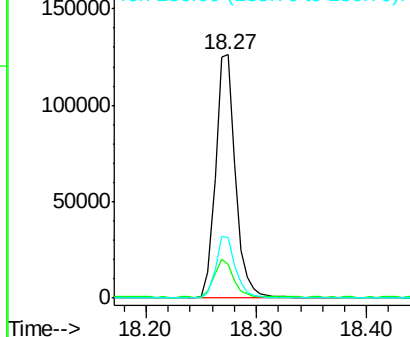
236 25.0 20.5 30.7

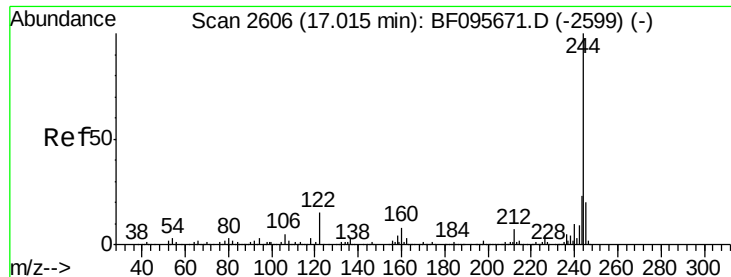


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.425 ng

RT: 16.93 min Scan# 2625

Delta R.T. 0.00 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

Instrument :

BNA_F

ClientSampleId :

C-7

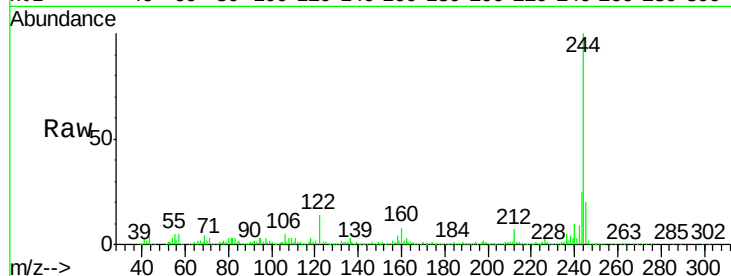
Tgt Ion:244 Resp: 549193

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

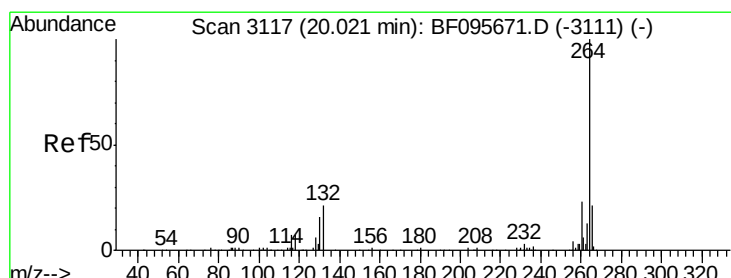
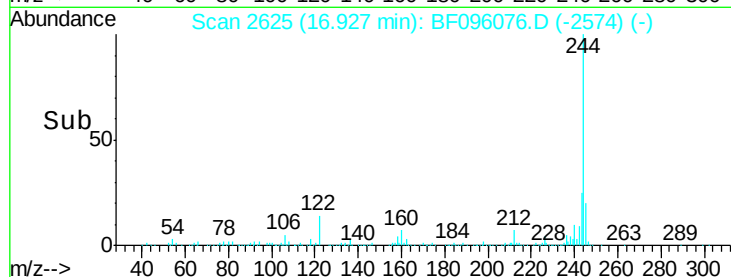
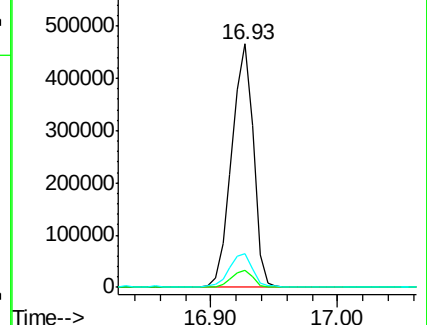
122 14.0 10.3 15.5



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: 20.000 ng

RT: 19.94 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BF096076.D

Acq: 21 Jun 2017 9:57

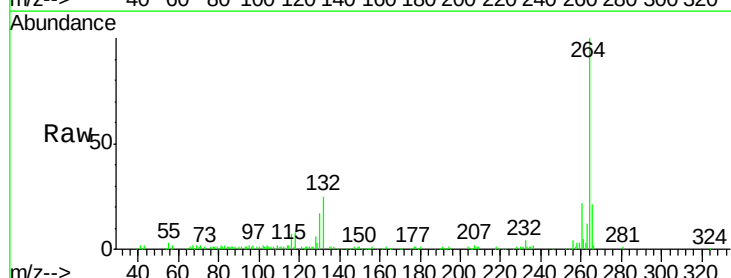
Tgt Ion:264 Resp: 126016

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 21.0 17.2 25.8



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

