

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093330.D
 Acq On : 2 Mar 2017 19:37
 Operator : SJ/MA
 Sample : I2052-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

Quant Time: Mar 03 00:15:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147339	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	614806	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	275264	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	522778	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	479389	20.00	ng	-0.05
86) Perylene-d12	15.39	264	347831	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	573312	66.76	ng	-0.06
7) Phenol-d6	6.44	99	466290	42.20	ng	-0.05
23) Nitrobenzene-d5	7.37	82	941854	85.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	287075	144.20	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1545841	101.74	ng	-0.05
78) Terphenyl-d14	12.92	244	1222353	59.91	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	452	0.10	ng	# 23
3) Pyridine	3.10	79	211	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.22	42	307	0.06	ng	# 1
6) Aniline	6.45	93	2096	0.14	ng	# 1
8) 2-Chlorophenol	6.57	128	287	0.03	ng	# 1
9) Benzaldehyde	6.44	77	1103	0.14	ng	# 1
10) Phenol	6.45	94	44893	3.47	ng	# 76
11) bis(2-Chloroethyl)ether	6.57	93	1404	0.14	ng	# 1
12) 1,3-Dichlorobenzene	6.97	146	824	0.07	ng	# 1
13) 1,4-Dichlorobenzene	6.97	146	824	0.07	ng	# 1
14) 1,2-Dichlorobenzene	6.97	146	824	0.08	ng	# 1
15) Benzyl Alcohol	6.94	79	14353	1.75	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.89	45	232	0.01	ng	# 67
19) n-Nitroso-di-n-propylamine	7.37	70	127514	18.13	ng	# 82
22) Acetophenone	7.23	105	524	0.04	ng	# 14
24) Nitrobenzene	7.37	77	2661	0.23	ng	# 39
25) Isophorone	7.37	82	743352	36.13	ng	# 65
31) Naphthalene	8.11	128	394	0.01	ng	# 68
33) 4-Chloroaniline	8.20	127	211	0.02	ng	# 45
35) Caprolactam	8.51	113	3439	1.24	ng	# 1
45) 1,1'-Biphenyl	9.28	154	3254	0.16	ng	# 92
47) 2-Nitroaniline	9.29	65	623	0.12	ng	# 8
49) Dimethylphthalate	9.57	163	43022	2.32	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	36026	9.00	ng	# 31
51) Acenaphthene	9.85	154	859	0.05	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	36028	6.76	ng	# 20
59) Diethylphthalate	10.27	149	2306	0.13	ng	# 96
62) Azobenzene	10.56	77	291	0.02	ng	# 51
64) 4,6-Dinitro-2-methylphenol	10.65	198	688	2.87	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	10240	0.61	ng	# 43
66) 4-Bromophenyl-phenylether	10.65	248	20669	3.78	ng	# 1
70) Phenanthrene	11.36	178	897	0.03	ng	# 58
71) Anthracene	11.41	178	793	0.03	ng	# 59
72) Carbazole	11.60	167	220	0.01	ng	# 58

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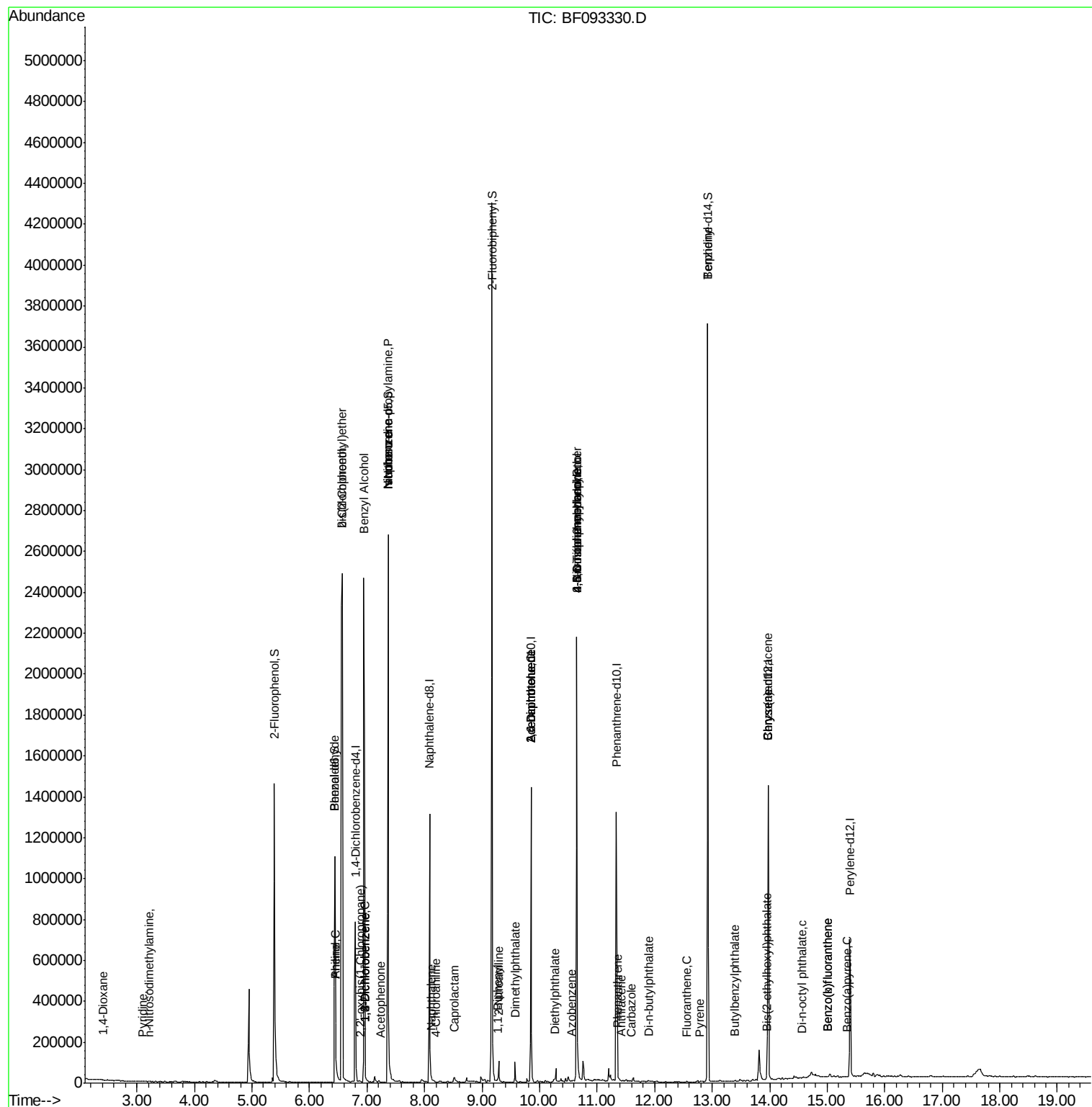
Quant Time: Mar 03 00:15:59 2017
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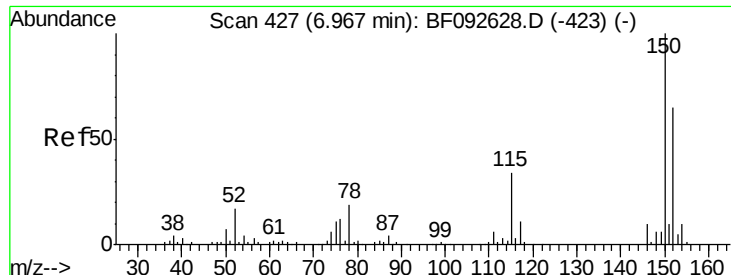
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	11.89	149	4183	0.13	ng	# 94
74) Fluoranthene	12.56	202	813	0.03	ng	61
76) Benzdine	12.92	184	15650	0.77	ng	# 92
77) Pyrene	12.78	202	1003	0.03	ng	# 56
79) Butylbenzylphthalate	13.39	149	586	0.04	ng	# 76
80) Benzo(a)anthracene	13.97	228	3093	0.11	ng	# 49
82) Chrysene	13.97	228	3093	0.11	ng	# 47
83) Bis(2-ethylhexyl)phthalate	13.95	149	6986	0.35	ng	# 94
84) Di-n-octyl phthalate	14.56	149	1867	0.06	ng	# 74
87) Benzo(b)fluoranthene	15.00	252	1515	0.07	ng	# 58
88) Benzo(k)fluoranthene	15.00	252	1515	0.08	ng	# 58
89) Benzo(a)pyrene	15.35	252	225	0.01	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: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

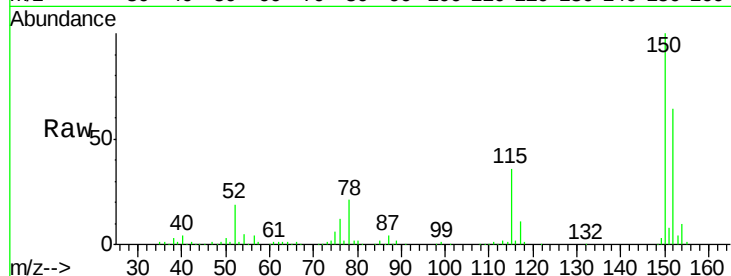
Tgt Ion:152 Resp: 147339

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

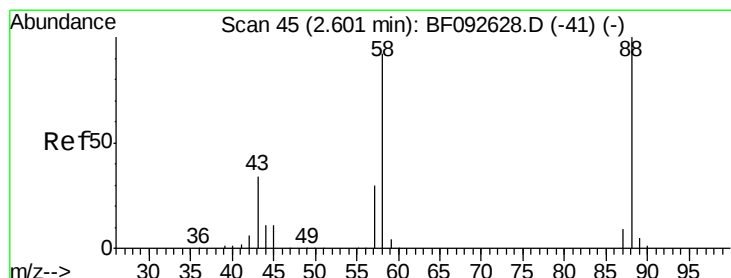
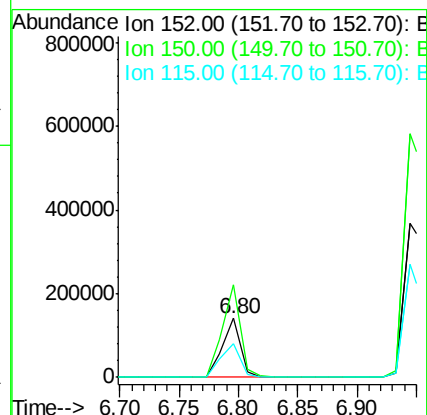
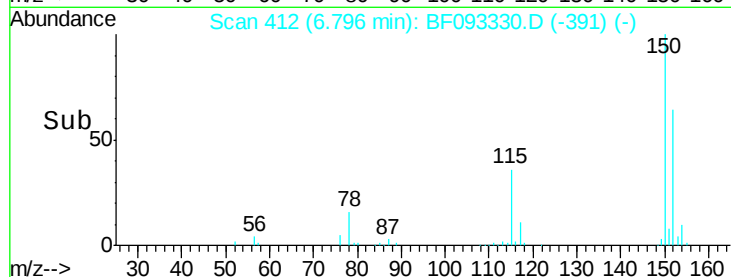
115 56.3 46.0 69.0



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: 0.10 ng

RT: 2.41 min Scan# 28

Delta R.T. -0.02 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

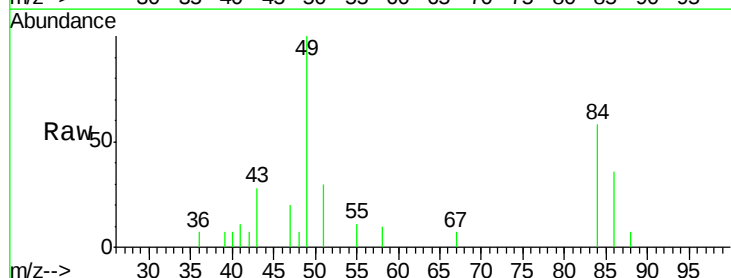
Tgt Ion: 88 Resp: 452

Ion Ratio Lower Upper

88 100

58 0.0 57.8 86.8#

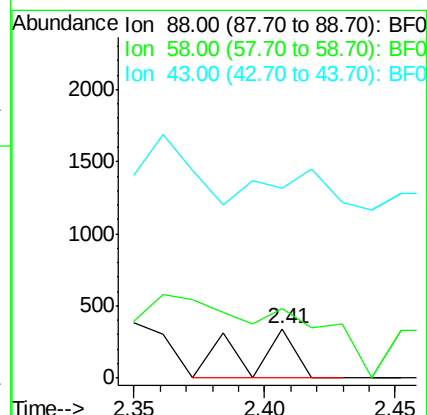
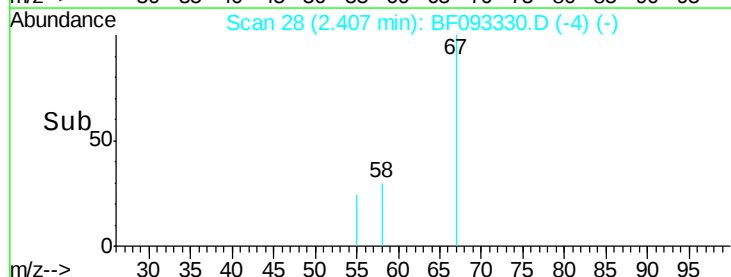
43 0.0 22.3 33.5#

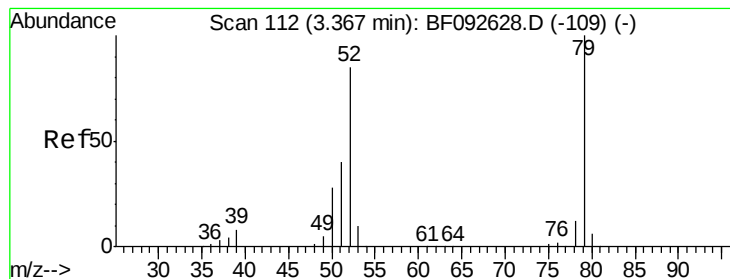


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 0.02 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

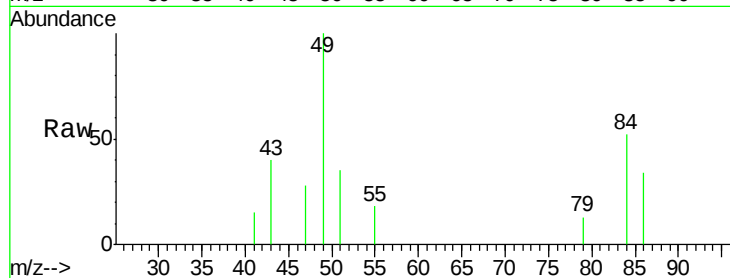
Tgt Ion: 79 Resp: 211

Ion Ratio Lower Upper

79 100

52 0.0 57.1 85.7#

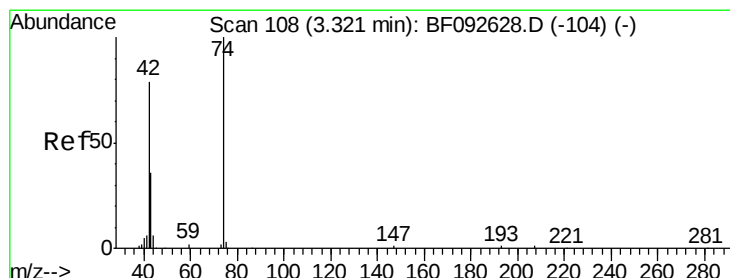
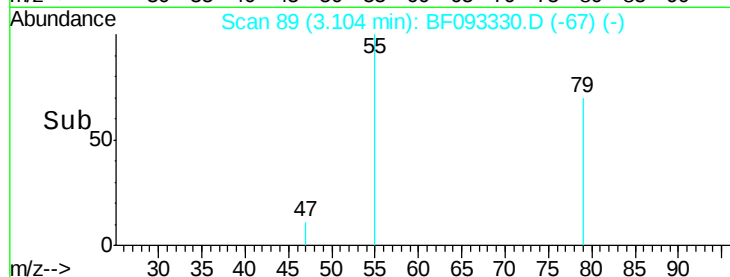
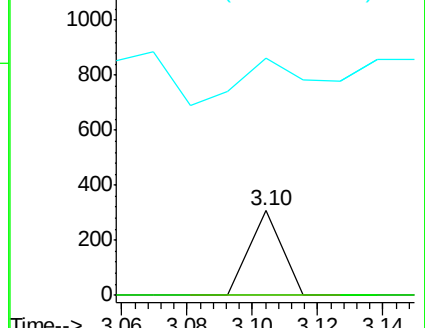
51 279.2 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.11 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

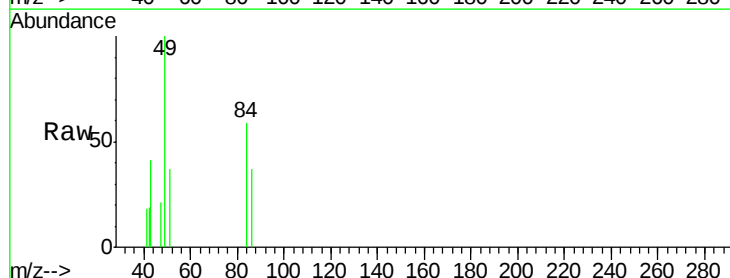
Tgt Ion: 42 Resp: 307

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

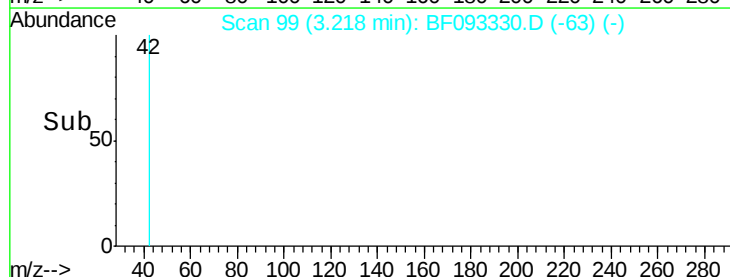
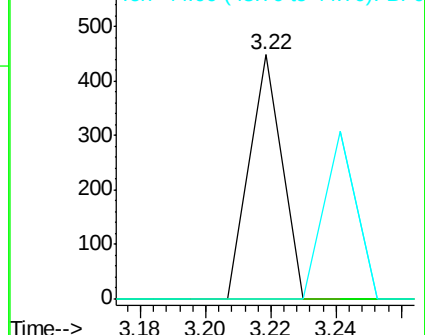
44 0.0 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.76 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

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CPS103051

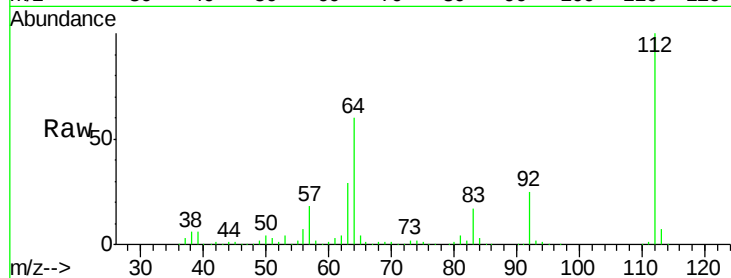
Tgt Ion: 112 Resp: 573312

Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

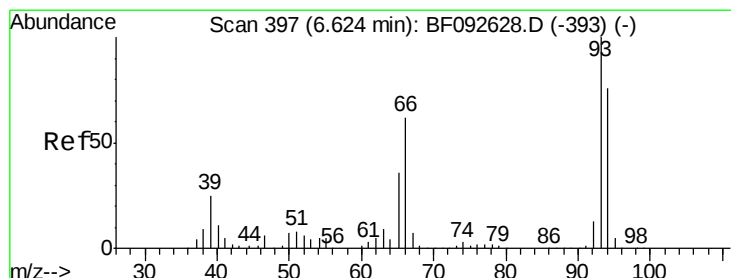
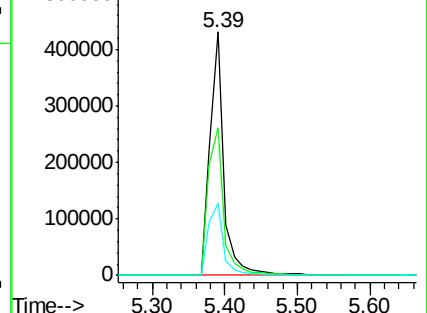
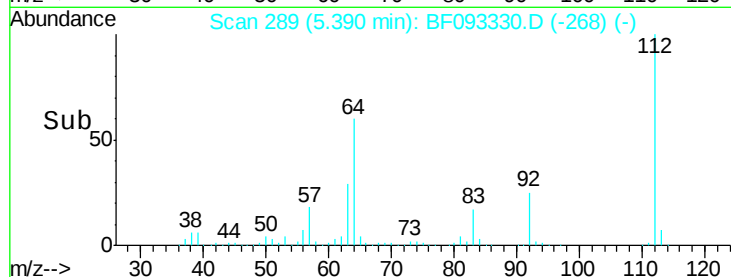
63 29.5 23.8 35.6



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



#6

Aniline

Concen: 0.14 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

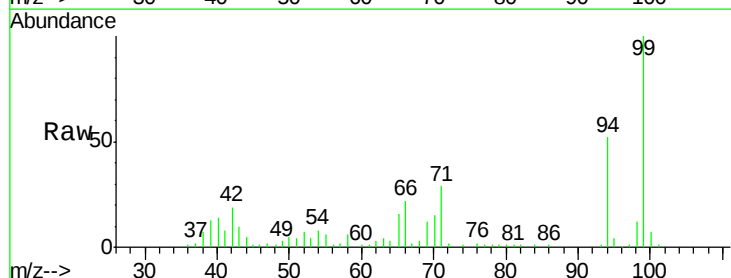
Tgt Ion: 93 Resp: 2096

Ion Ratio Lower Upper

93 100

66 1578.1 76.2 114.2#

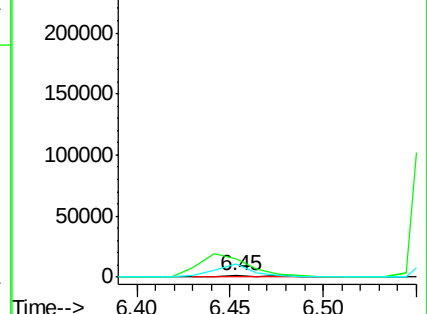
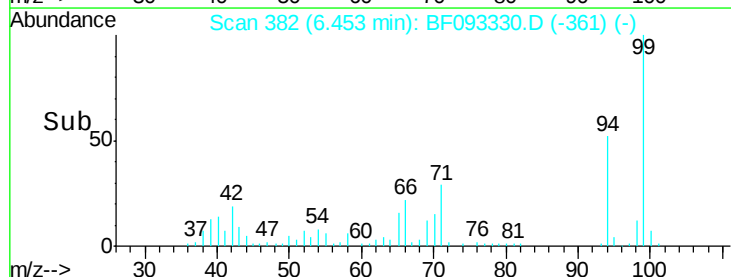
65 1146.5 49.3 73.9#

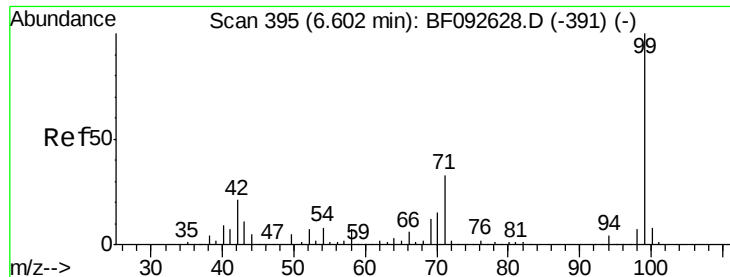


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.20 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

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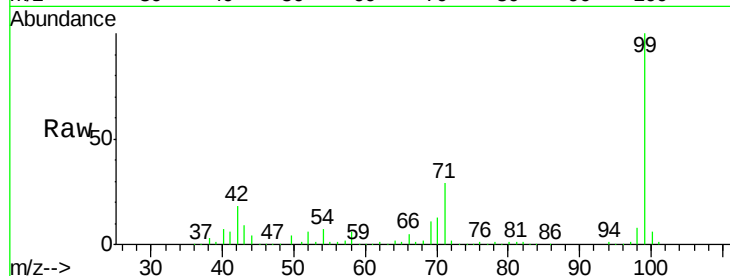
Tgt Ion: 99 Resp: 466290

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

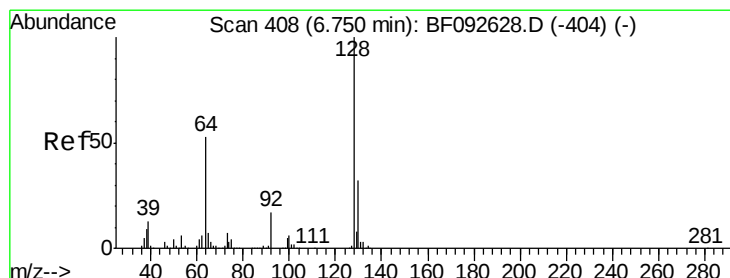
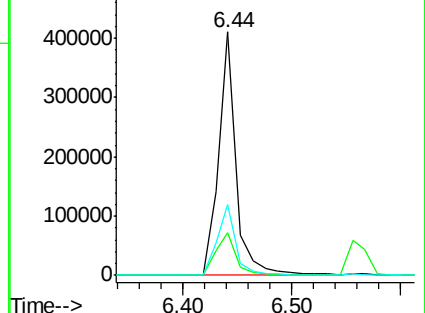
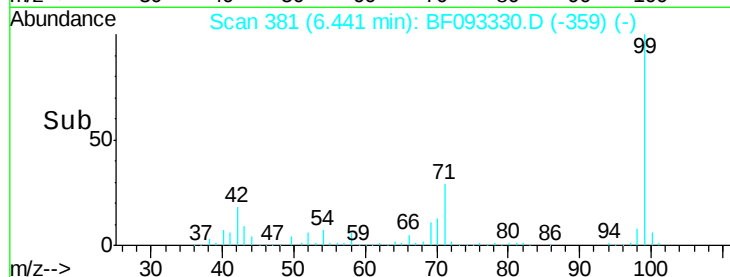
71 28.9 27.5 41.3



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



#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

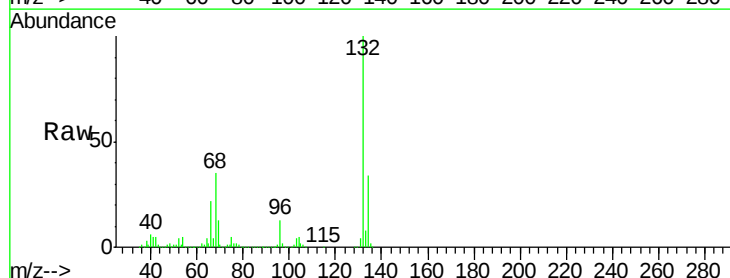
Tgt Ion: 128 Resp: 287

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

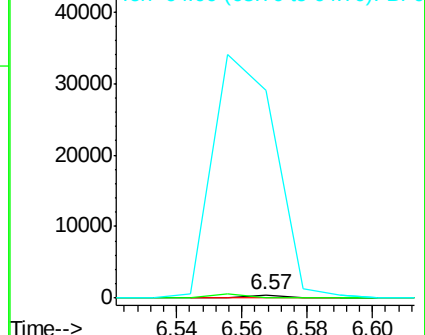
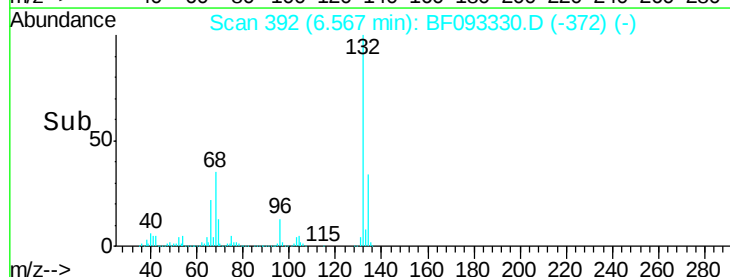
64 6942.2 32.2 72.2#

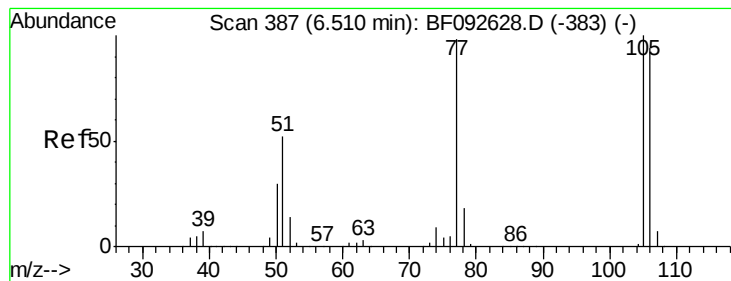


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.14 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

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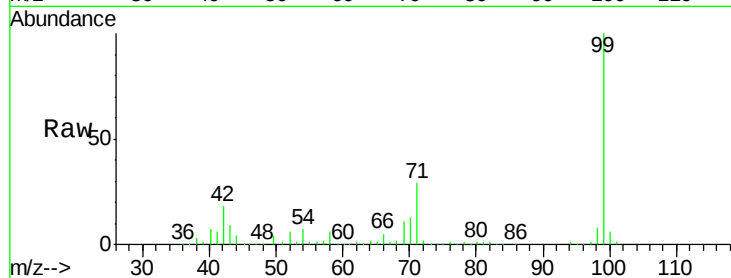
Tgt Ion: 77 Resp: 1103

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

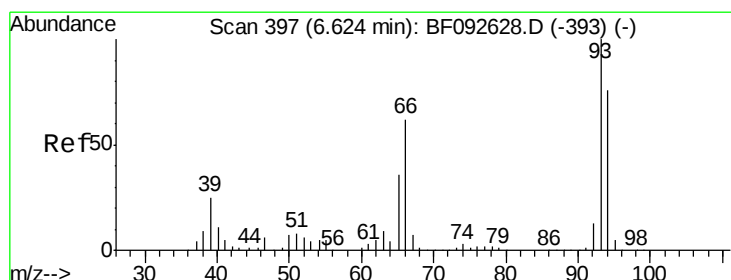
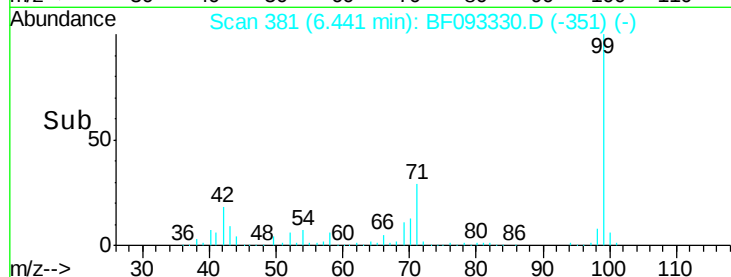
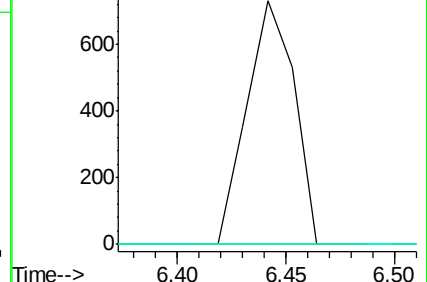
106 0.0 77.6 117.6#



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: 3.47 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

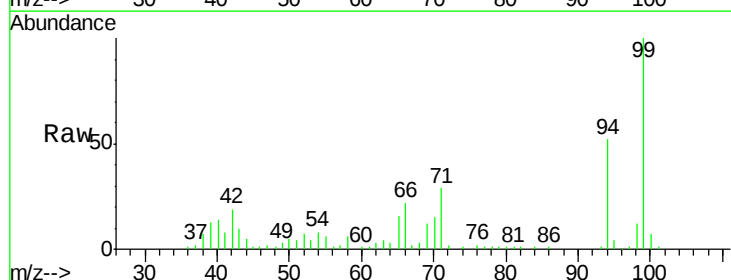
Tgt Ion: 94 Resp: 44893

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

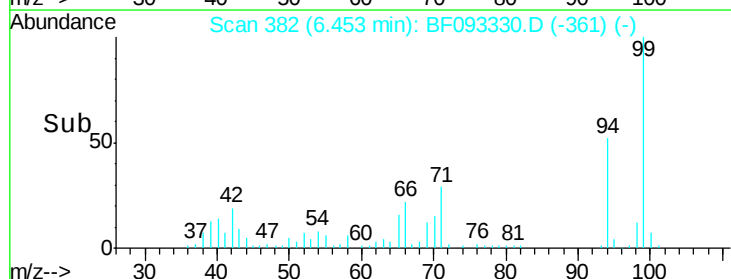
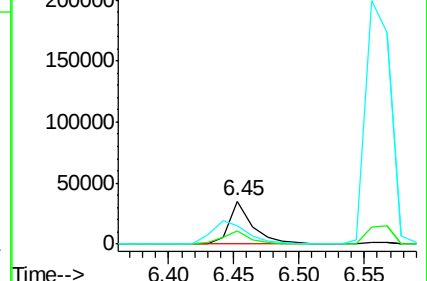
66 42.0 44.0 84.0#

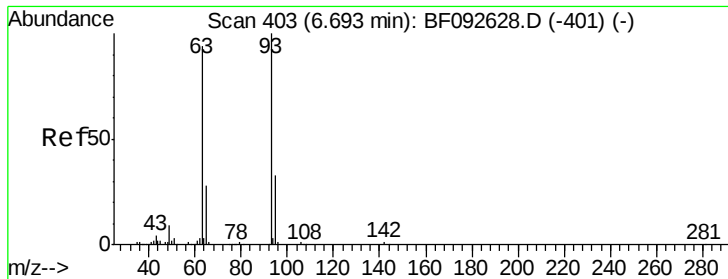


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

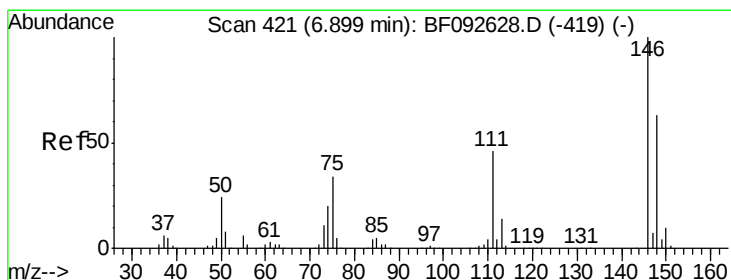
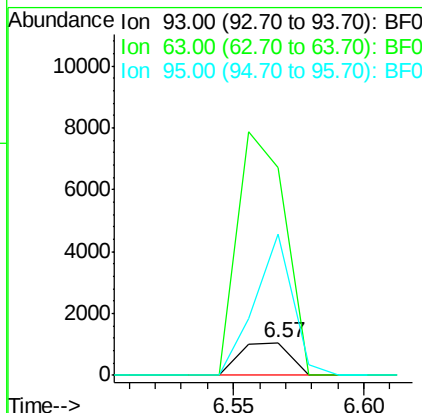
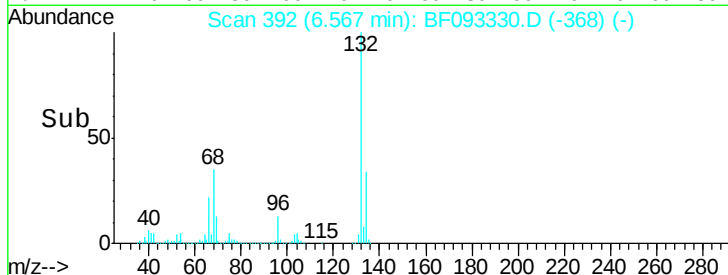
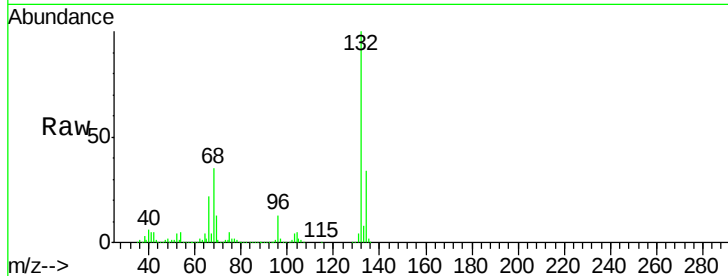




#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

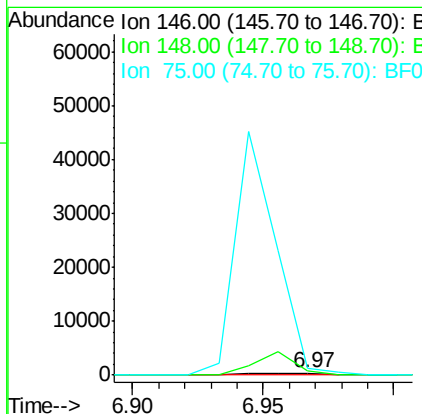
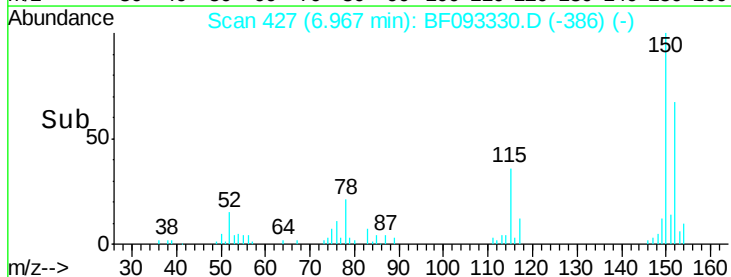
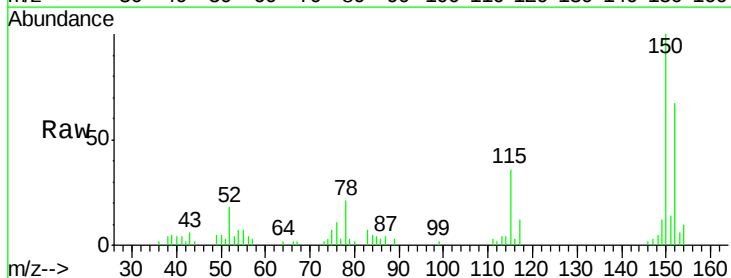
Instrument :
BNA_F
ClientSampleId :
CPS103051

Tgt Ion: 93 Resp: 1404
Ion Ratio Lower Upper
93 100
63 638.1 60.4 100.4#
95 434.0 12.8 52.8#



#12
1,3-Dichlorobenzene
Concen: 0.07 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.17 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Tgt Ion: 146 Resp: 824
Ion Ratio Lower Upper
146 100
148 197.7 53.4 80.0#
75 280.6 18.5 27.7#

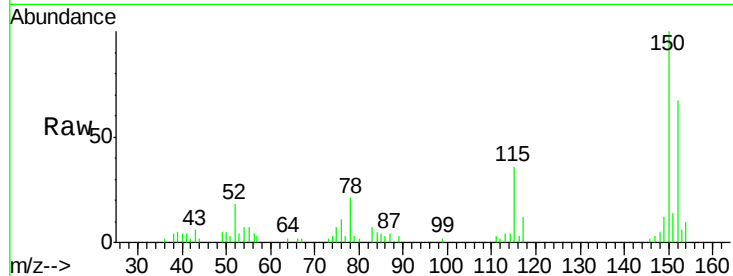




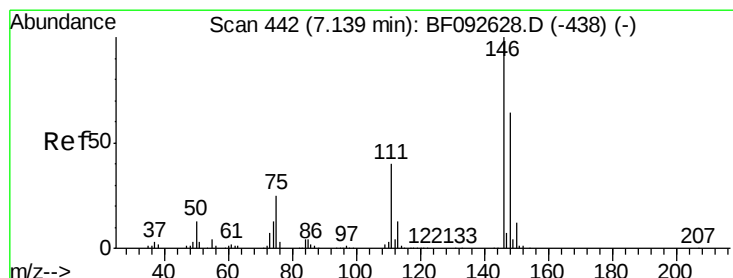
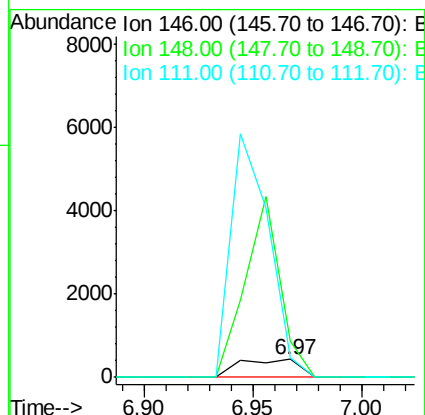
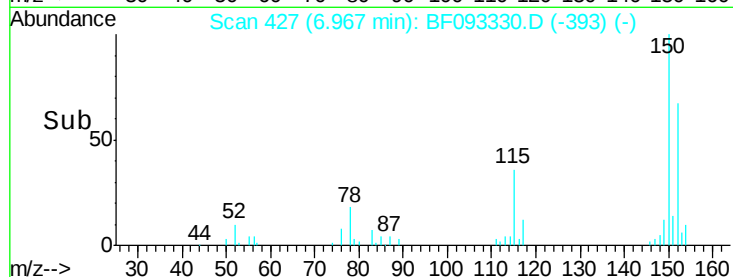
#13
 1,4-Dichlorobenzene
 Concen: 0.07 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.09 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

Tgt Ion:146 Resp: 824
 Ion Ratio Lower Upper
 146 100
 148 197.7 50.6 76.0#
 111 110.8 36.2 54.4#

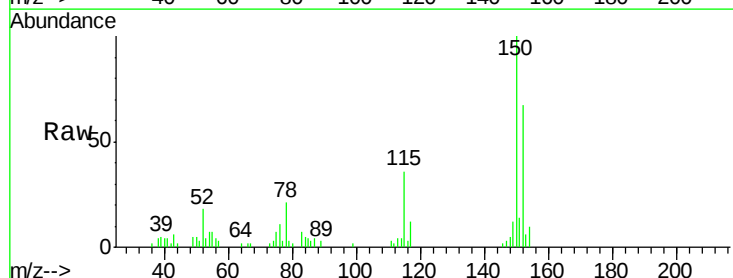


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

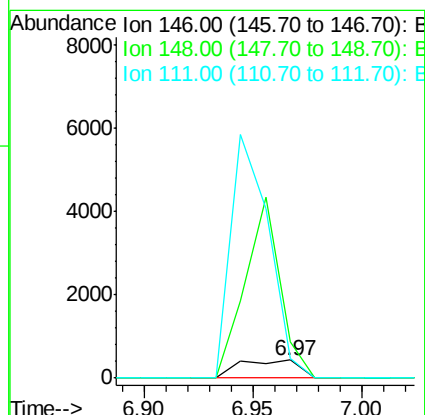
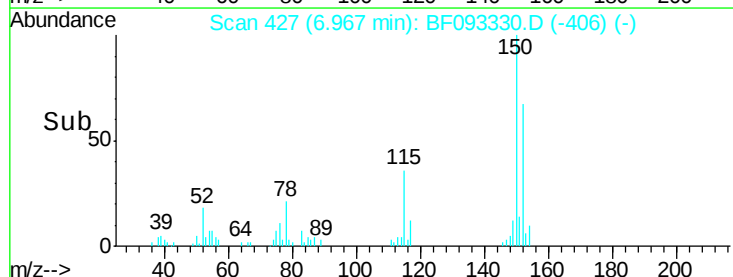


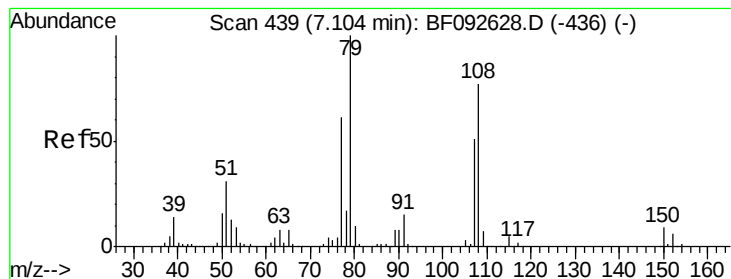
#14
 1,2-Dichlorobenzene
 Concen: 0.08 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion:146 Resp: 824
 Ion Ratio Lower Upper
 146 100
 148 197.7 52.2 78.2#
 111 110.8 36.2 54.2#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.75 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

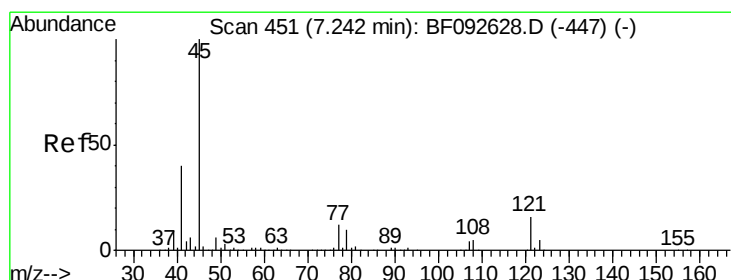
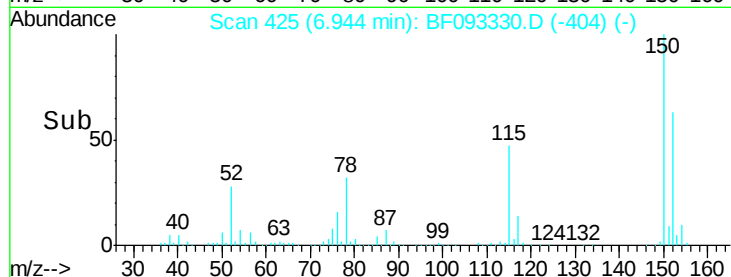
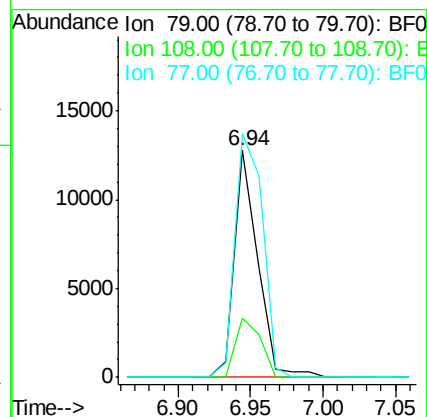
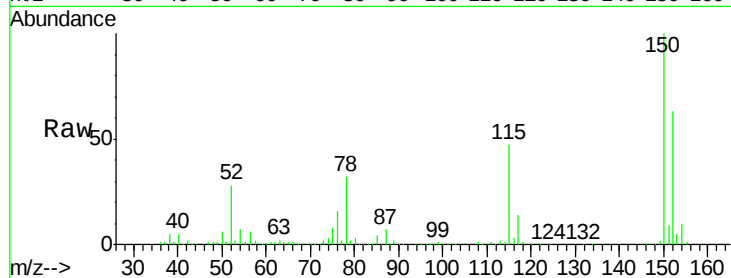
Tgt Ion: 79 Resp: 14353

Ion Ratio Lower Upper

79 100

108 25.9 61.4 92.0#

77 107.3 50.9 76.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.25 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

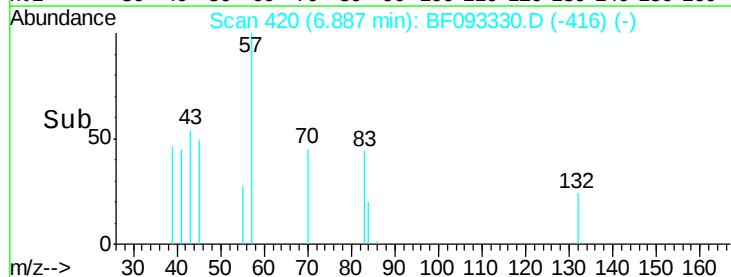
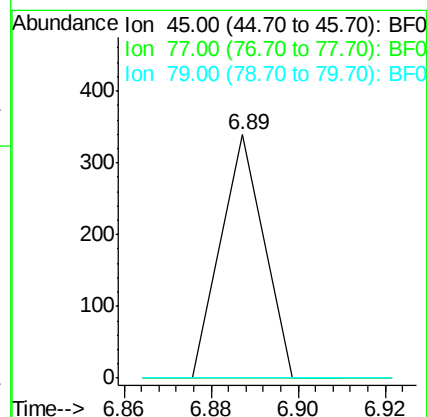
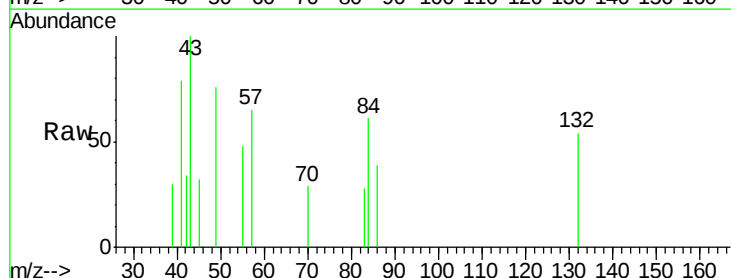
Tgt Ion: 45 Resp: 232

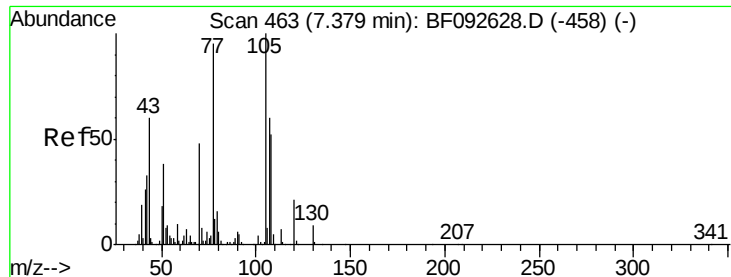
Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.6

79 0.0 0.0 31.2

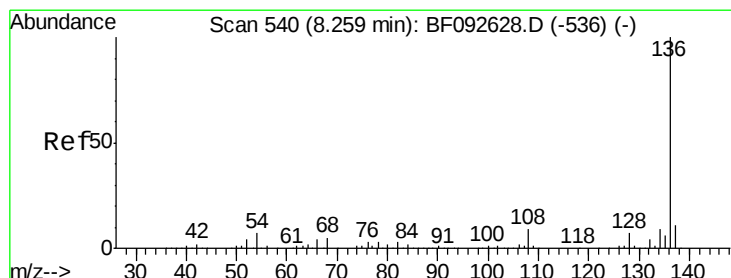
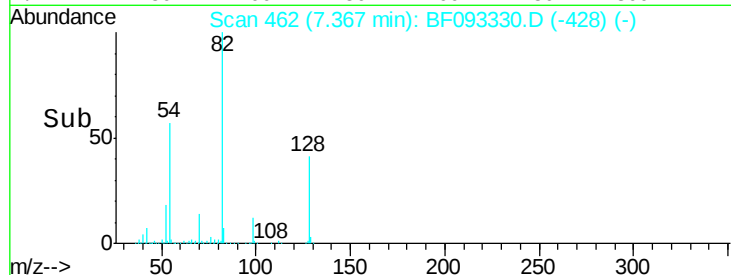
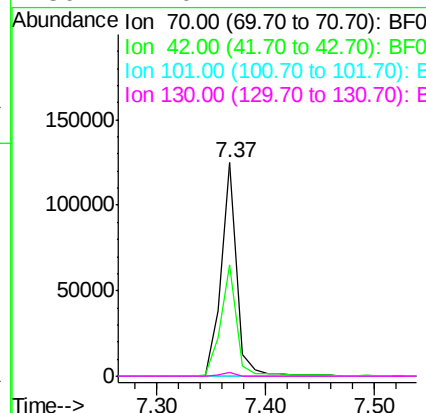
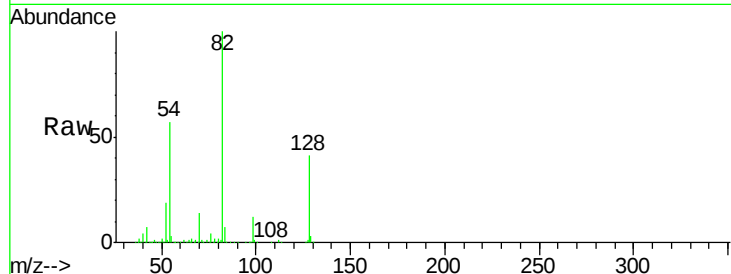




#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

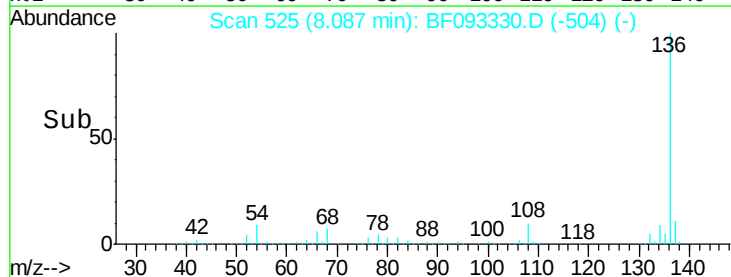
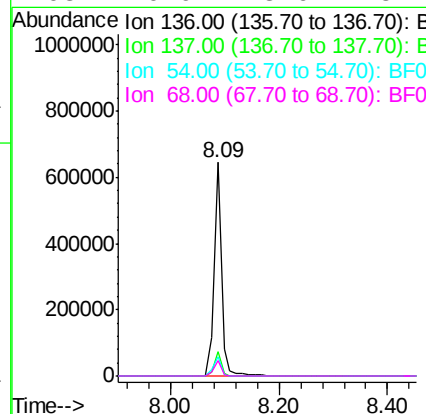
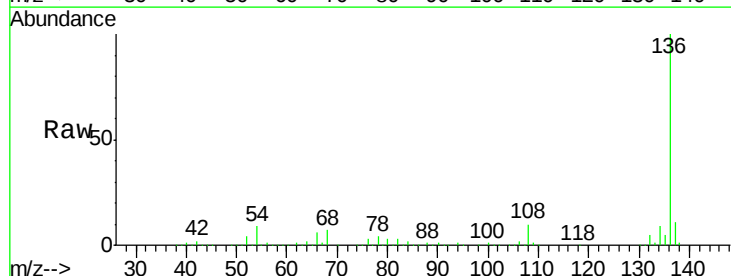
Instrument :
BNA_F
ClientSampleId :
CPS103051

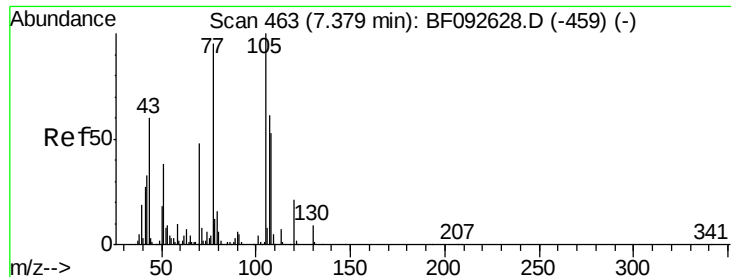
Tgt Ion: 70 Resp: 127514
Ion Ratio Lower Upper
70 100
42 52.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Tgt Ion: 136 Resp: 614806
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.1 4.5 6.7#
68 6.9 3.6 5.4#

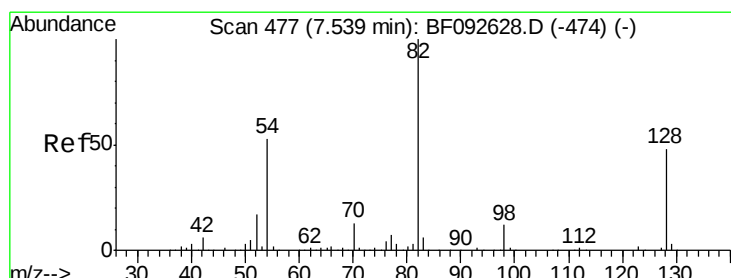
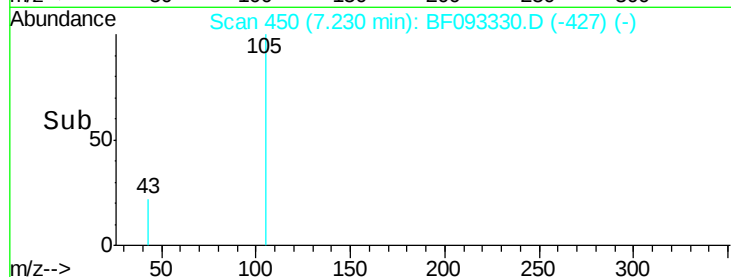
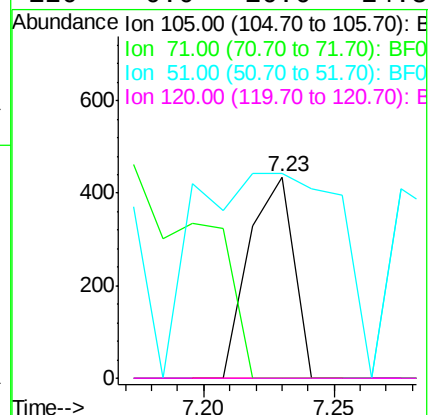
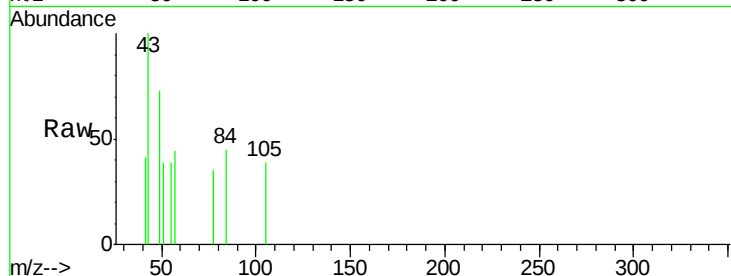




#22
Acetophenone
Concen: 0.04 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

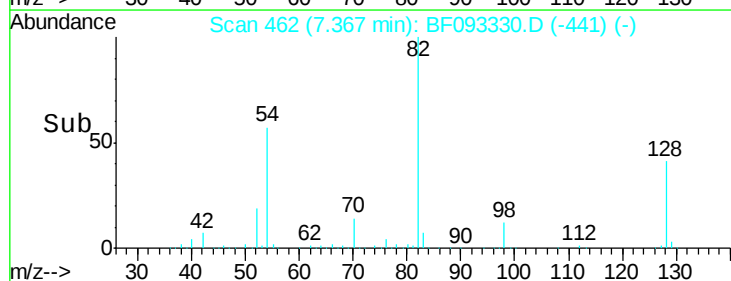
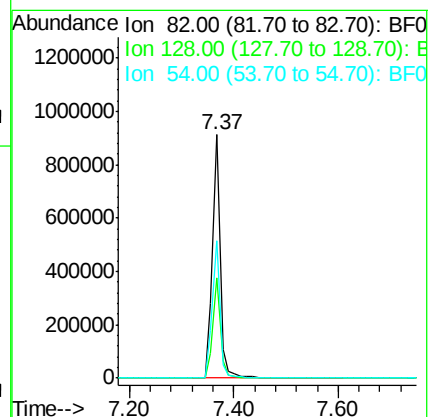
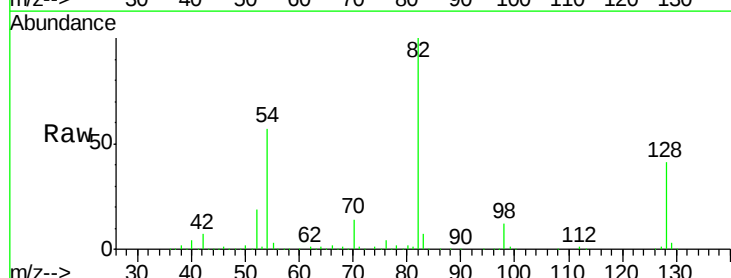
Instrument :
BNA_F
ClientSampleId :
CPS103051

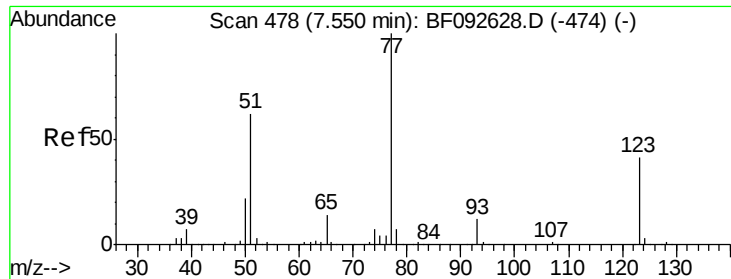
Tgt Ion: 105 Resp: 524
Ion Ratio Lower Upper
105 100
71 0.0 3.2 4.8#
51 101.6 26.2 39.4#
120 0.0 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 85.31 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Tgt Ion: 82 Resp: 941854
Ion Ratio Lower Upper
82 100
128 41.3 34.6 52.0
54 56.7 39.5 59.3





#24

Nitrobenzene

Concen: 0.23 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.08 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

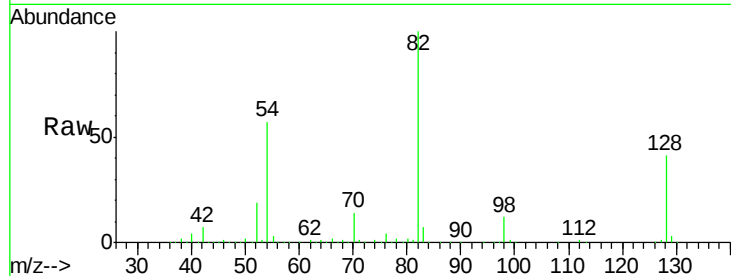
Tgt Ion: 77 Resp: 2661

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

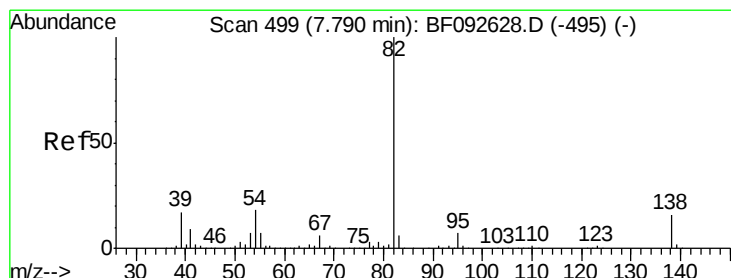
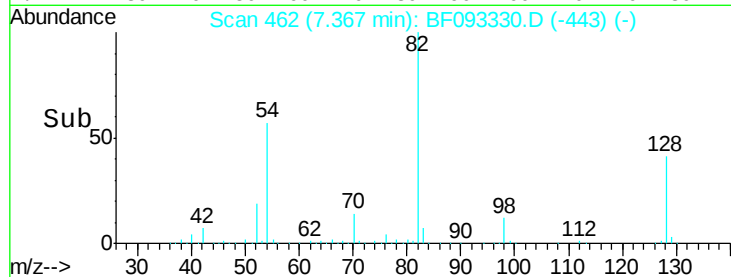
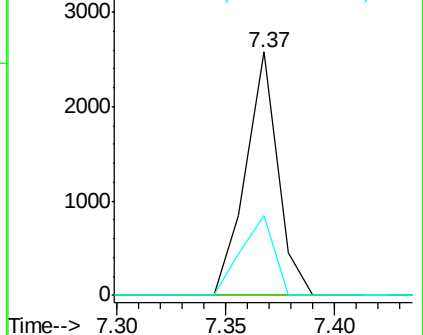
65 32.6 11.2 16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 36.13 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

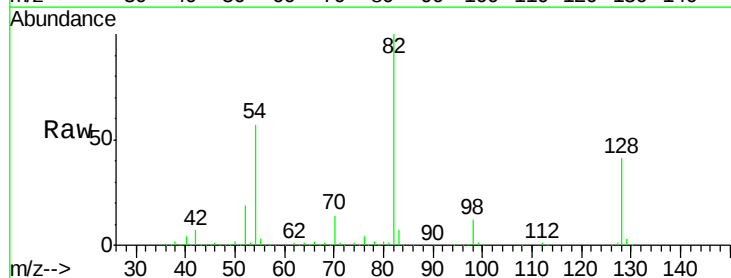
Tgt Ion: 82 Resp: 743352

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

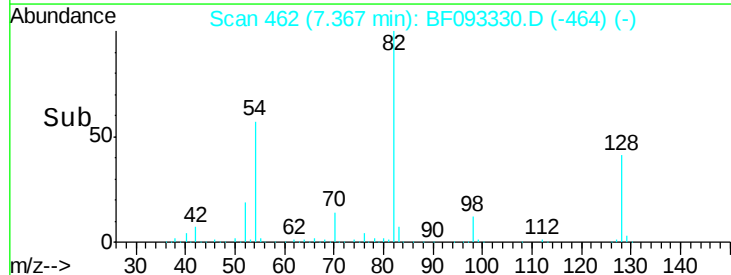
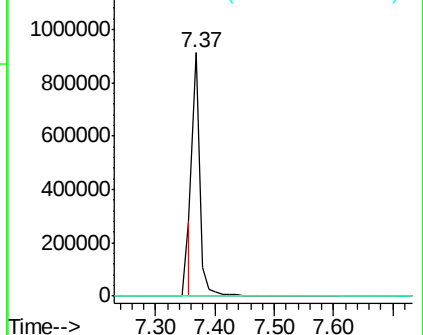
138 0.0 14.6 22.0#

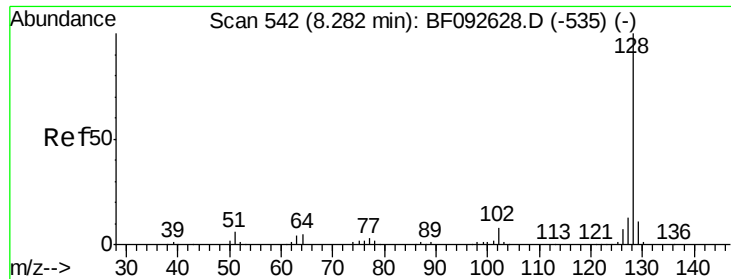


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

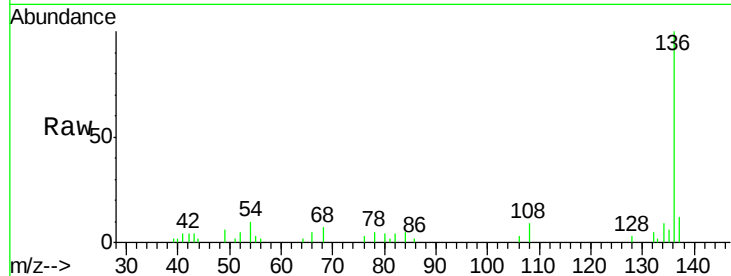




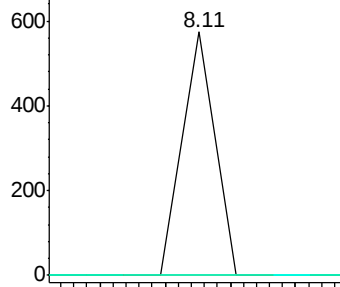
#31
Naphthalene
Concen: 0.01 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Instrument :
BNA_F
ClientSampleId :
CPS103051

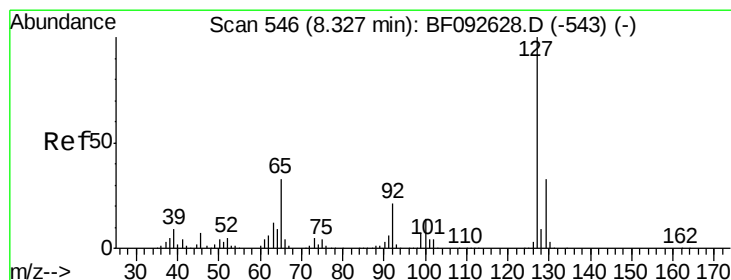
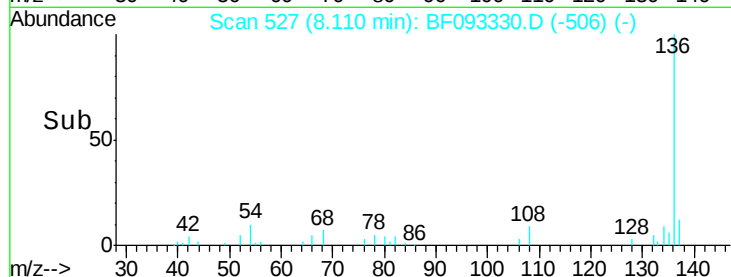
Tgt Ion:128 Resp: 394
Ion Ratio Lower Upper
128 100
129 0.0 9.5 14.3#
127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

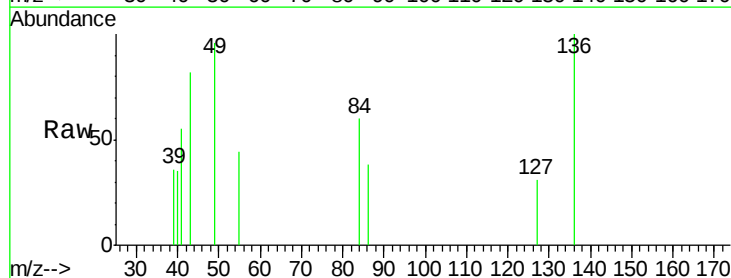


Time-->

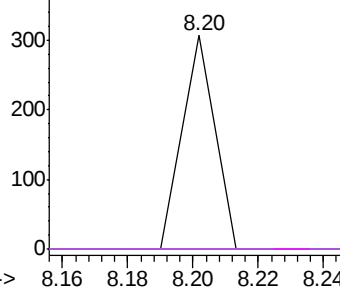


#33
4-Chloroaniline
Concen: 0.02 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

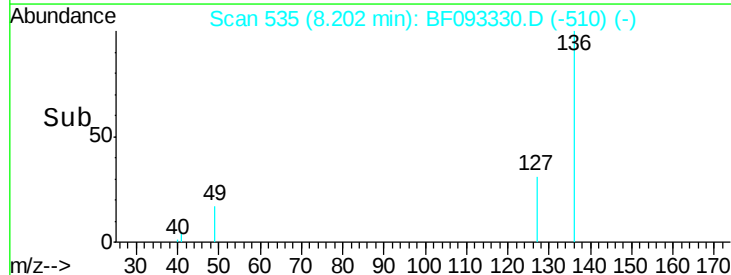
Tgt Ion:127 Resp: 211
Ion Ratio Lower Upper
127 100
129 0.0 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#

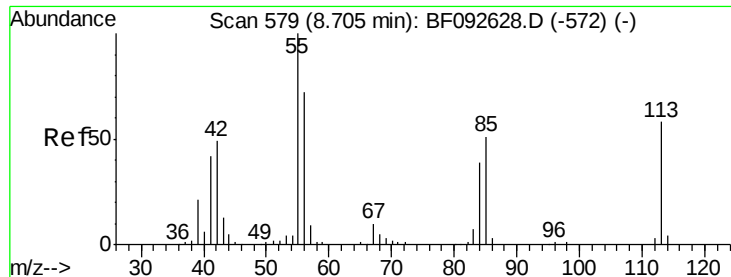


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



Time-->

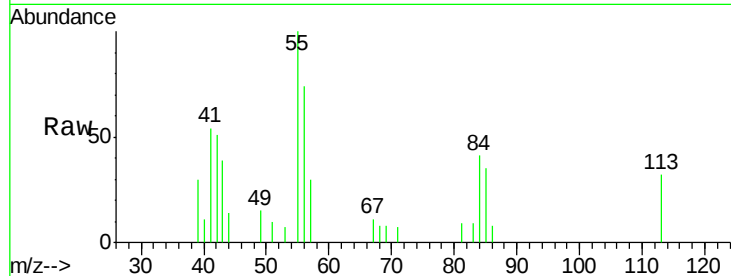




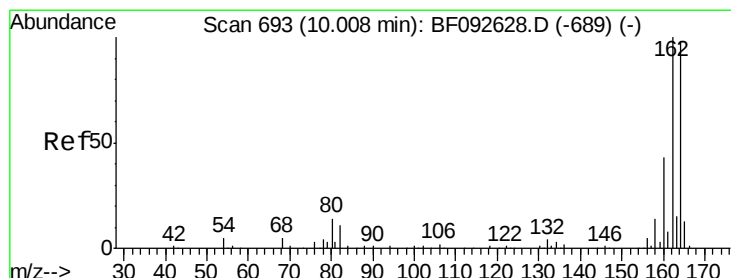
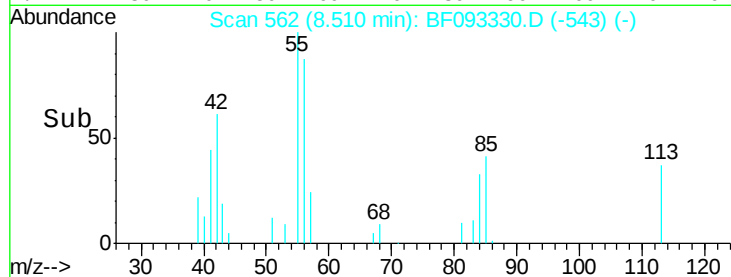
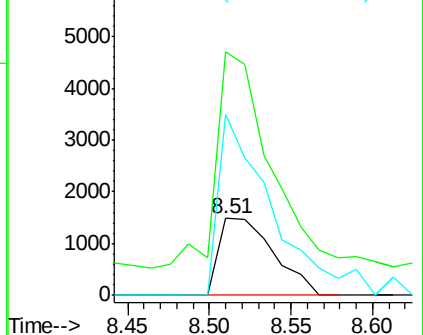
#35
 Caprolactam
 Concen: 1.24 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.08 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

Tgt Ion:113 Resp: 3439
 Ion Ratio Lower Upper
 113 100
 55 315.6 119.2 159.2#
 56 233.9 83.8 123.8#

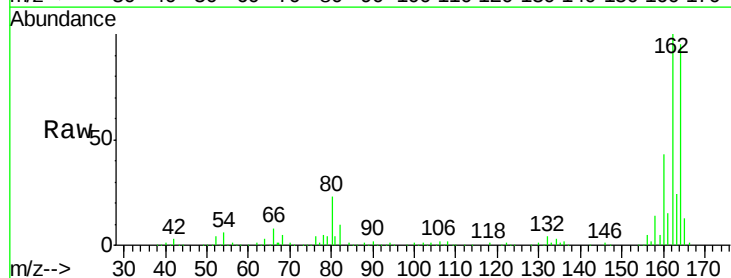


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

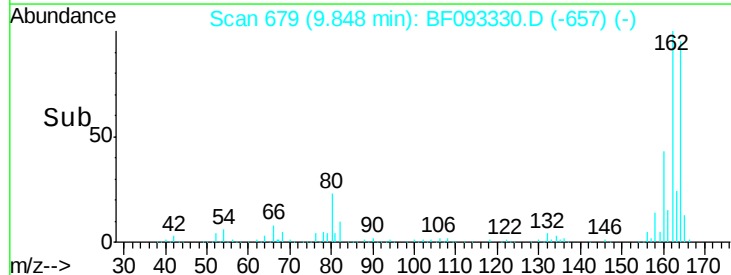
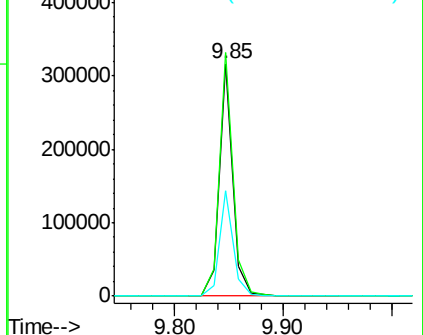


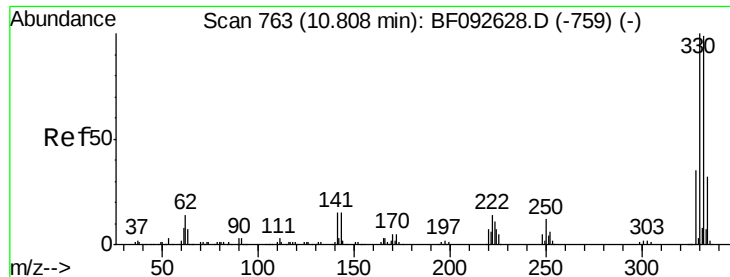
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion:164 Resp: 275264
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.2 120.2
 160 45.2 36.9 55.3



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

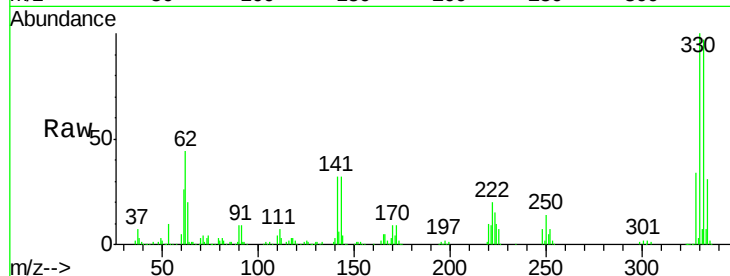




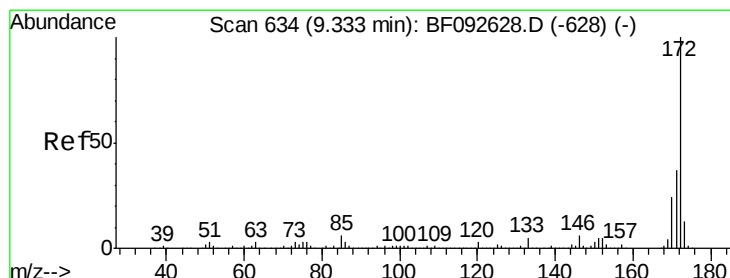
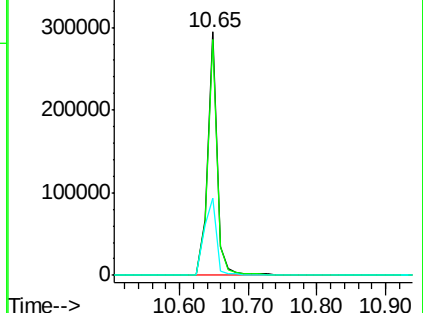
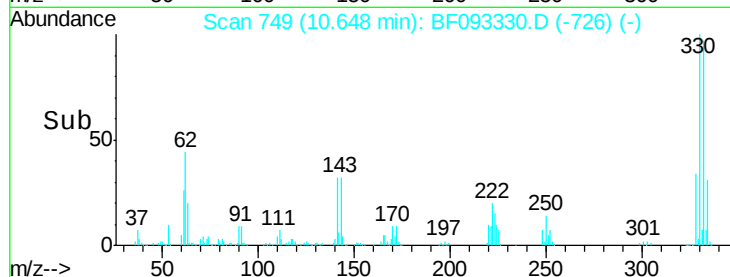
#41
 2,4,6-Tribromophenol
 Concen: 144.20 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

Tgt Ion:330 Resp: 287075
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 40.4 34.1 51.1

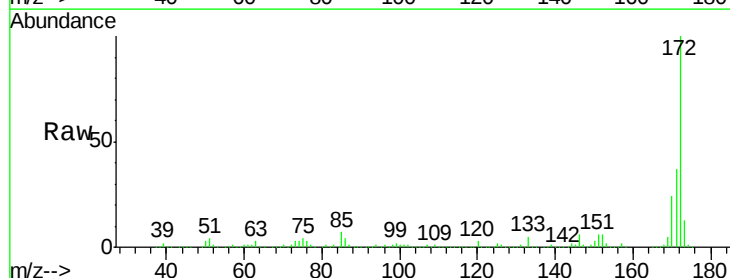


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

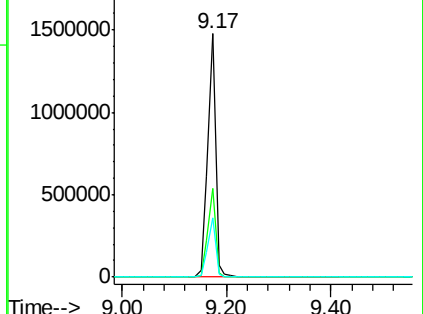
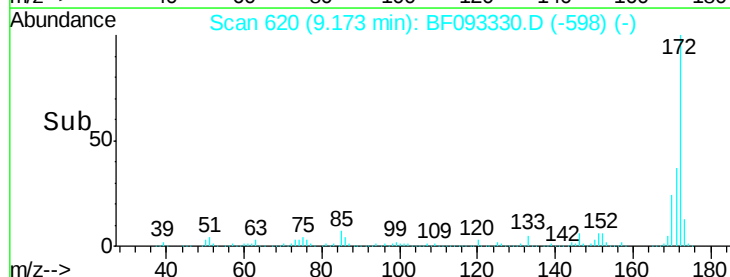


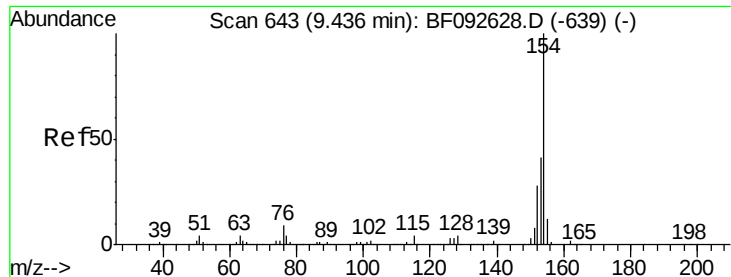
#44
 2-Fluorobiphenyl
 Concen: 101.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion:172 Resp: 1545841
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.2 30.4



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

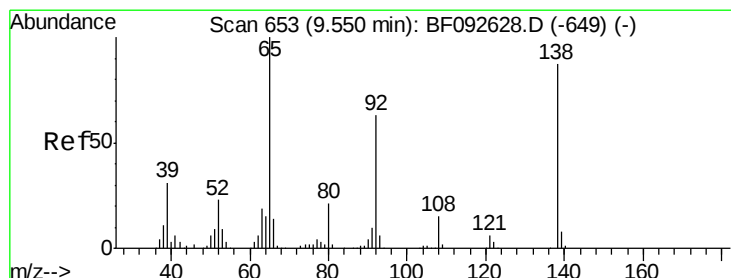
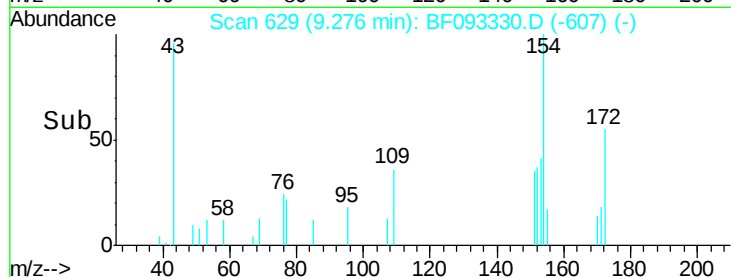
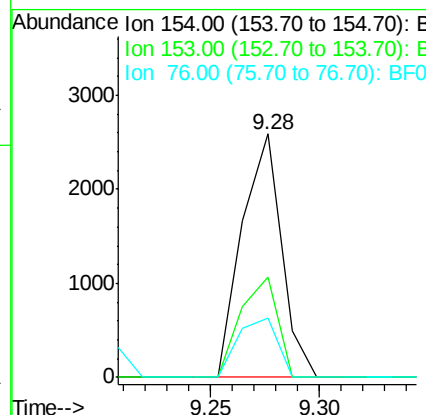
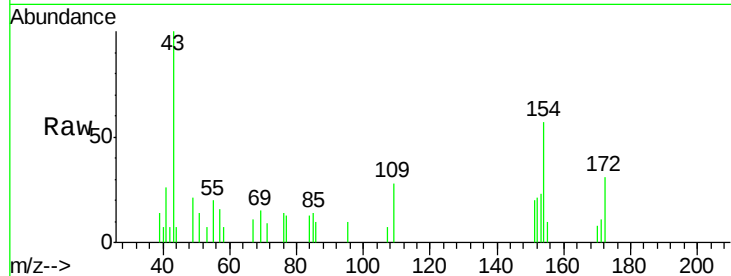




#45
 1,1'-Biphenyl
 Concen: 0.16 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

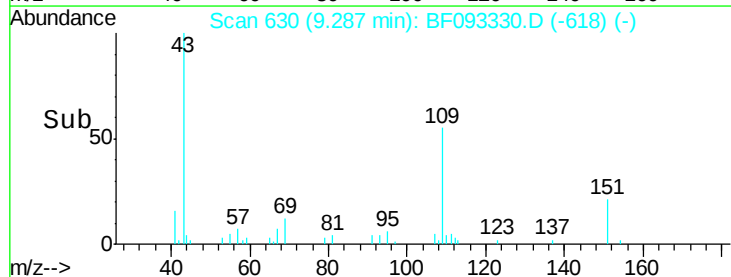
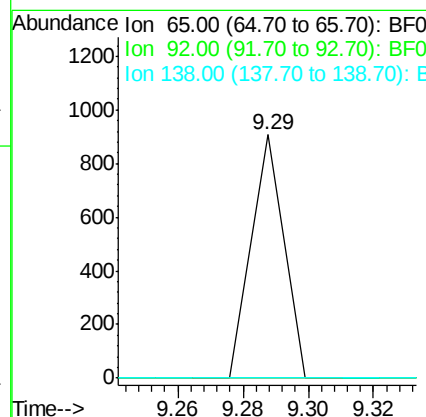
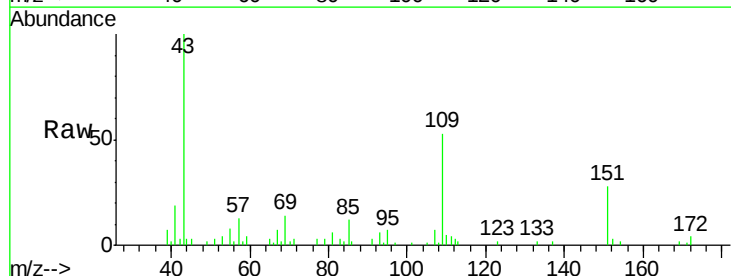
Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

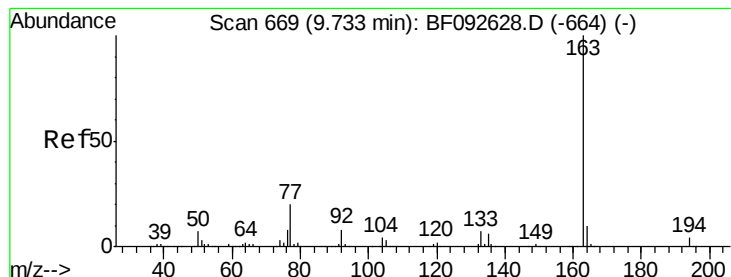
Tgt Ion: 154 Resp: 3254
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 24.5 0.0 30.5



#47
 2-Nitroaniline
 Concen: 0.12 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.16 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion: 65 Resp: 623
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.9 80.9#
 138 0.0 76.8 115.2#





#49

Dimethylphthalate

Concen: 2.32 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

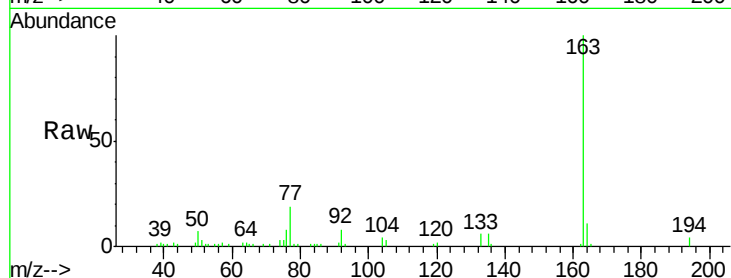
Tgt Ion:163 Resp: 43022

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

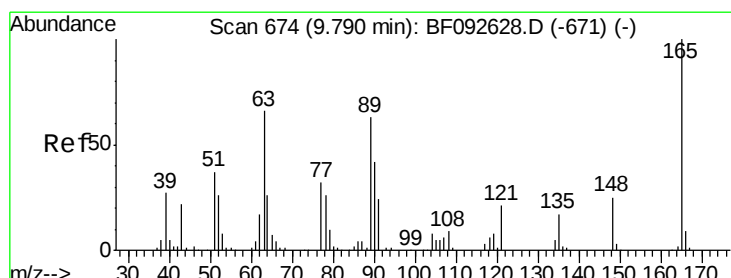
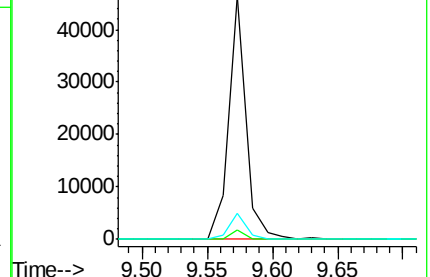
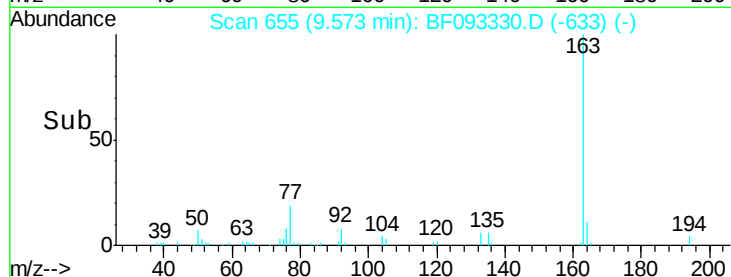
164 10.5 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 9.00 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.16 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

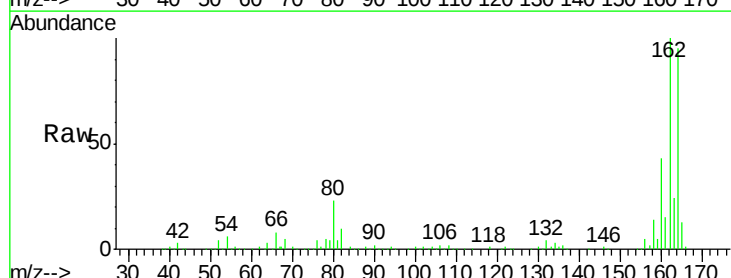
Tgt Ion:165 Resp: 36026

Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

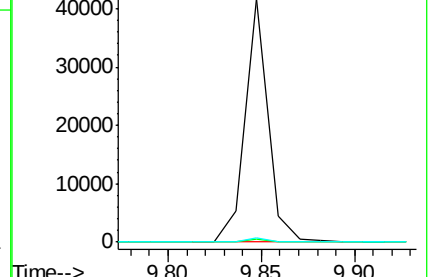
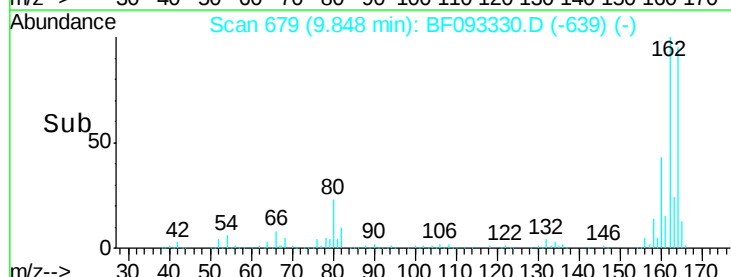
89 1.8 40.2 60.4#

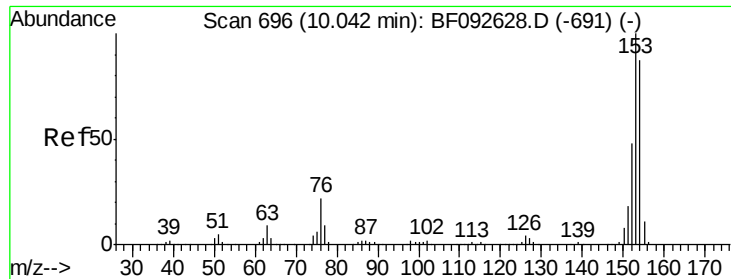


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.08 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

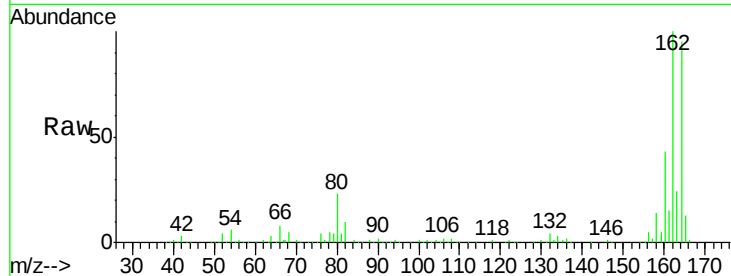
Tgt Ion:154 Resp: 859

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

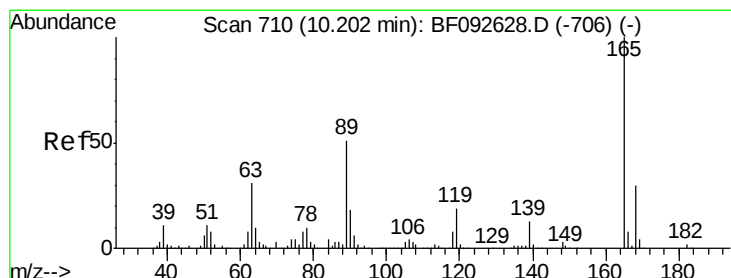
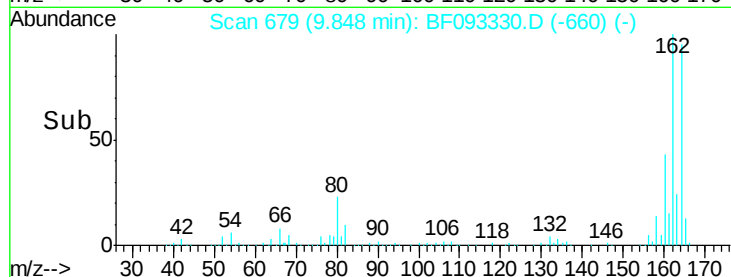
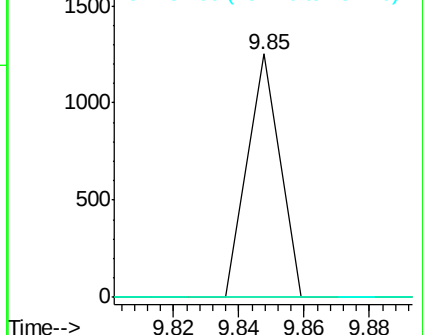
152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.76 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Tgt Ion:165 Resp: 36028

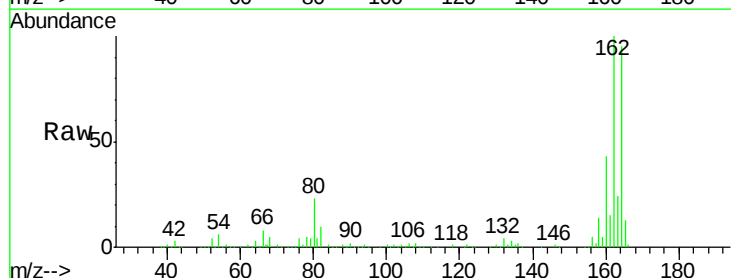
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

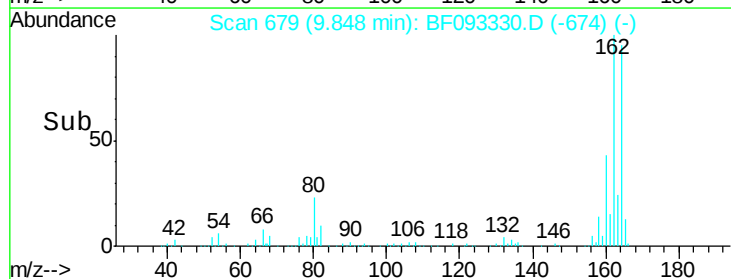
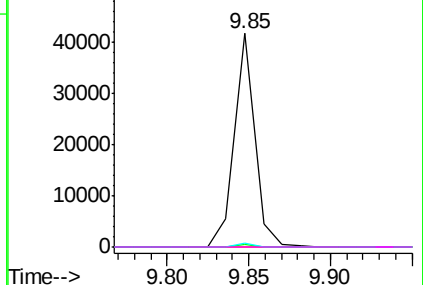


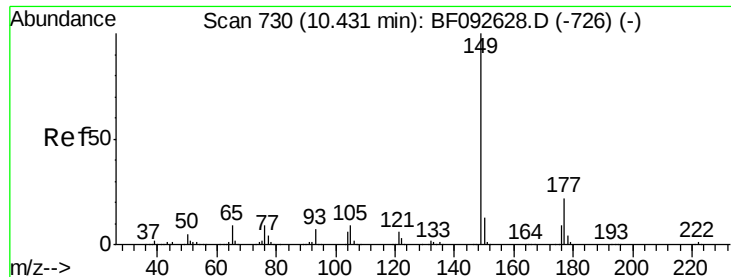
Abundance Ion 165.00 (164.70 to 165.70): E

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

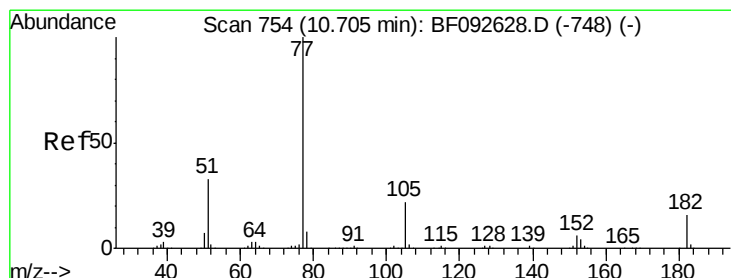
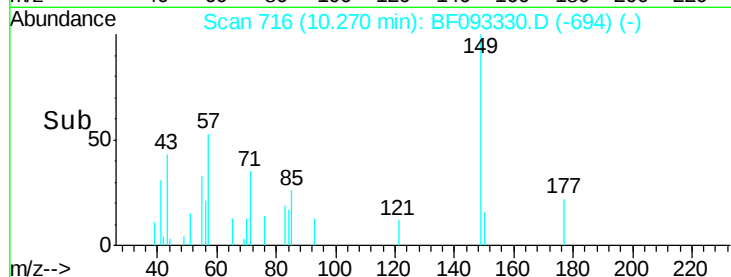
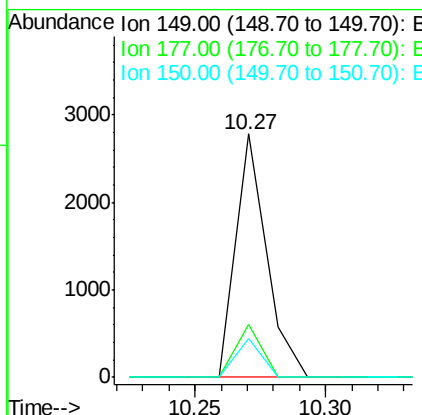
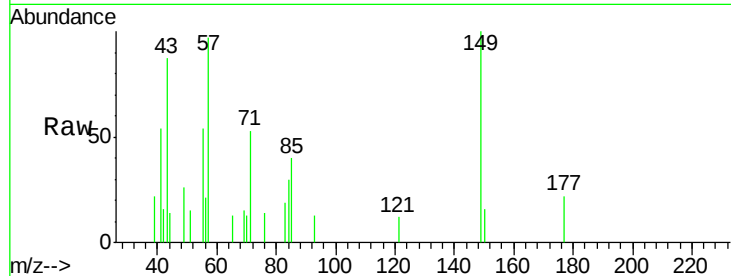




#59
Diethylphthalate
Concen: 0.13 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

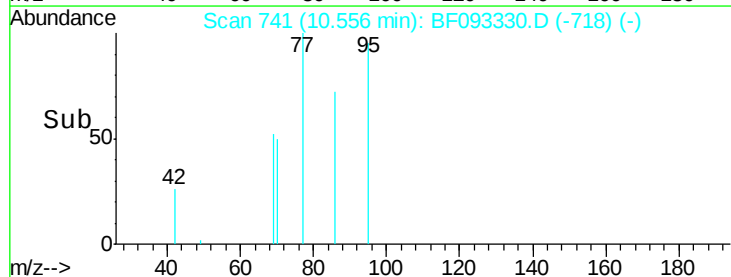
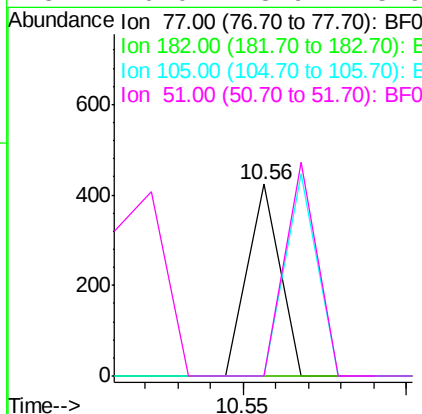
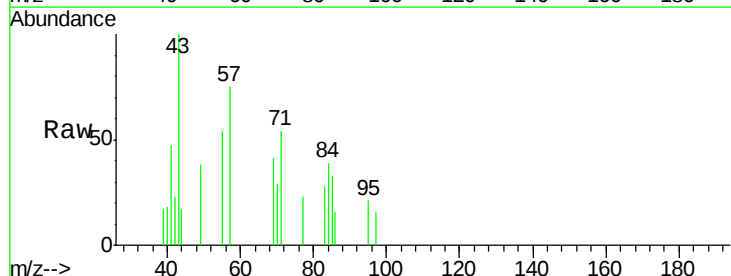
Instrument :
BNA_F
ClientSampleId :
CPS103051

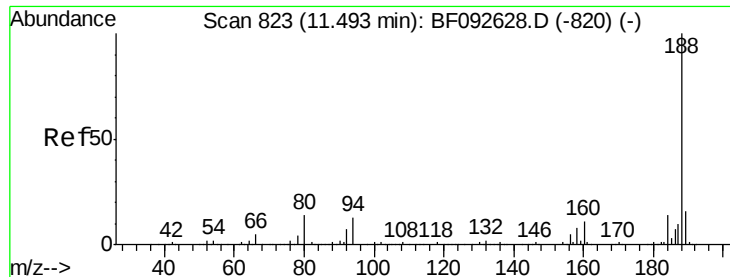
Tgt Ion: 149 Resp: 2306
Ion Ratio Lower Upper
149 100
177 21.6 16.6 25.0
150 15.7 10.4 15.6#



#62
Azobenzene
Concen: 0.02 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Tgt Ion: 77 Resp: 291
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.3
105 0.0 2.3 42.3#
51 0.0 8.9 48.9#

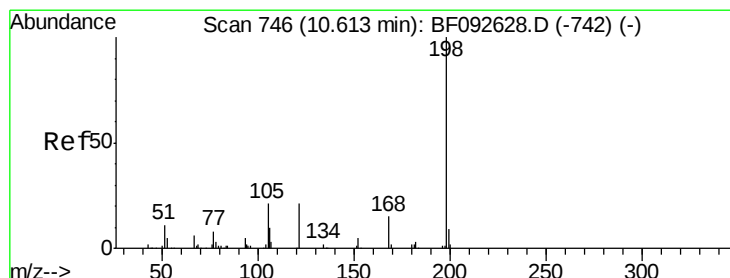
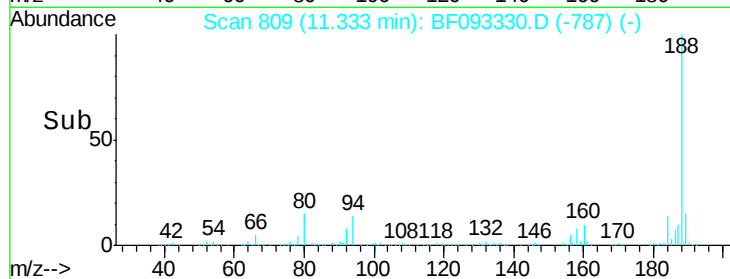
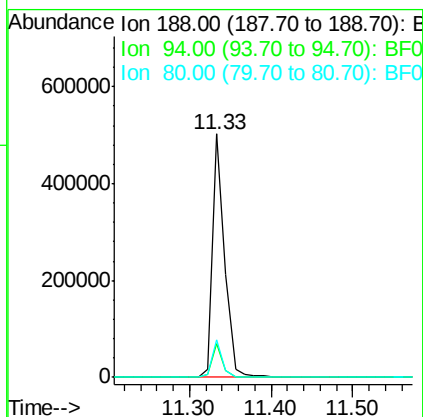
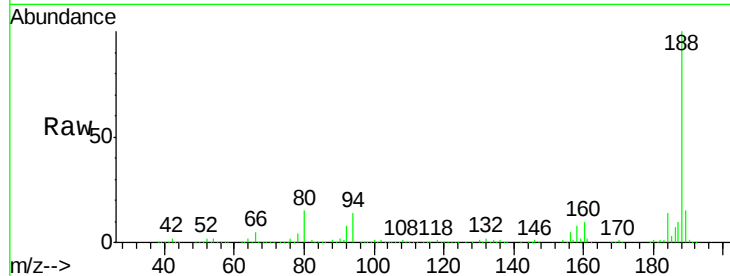




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

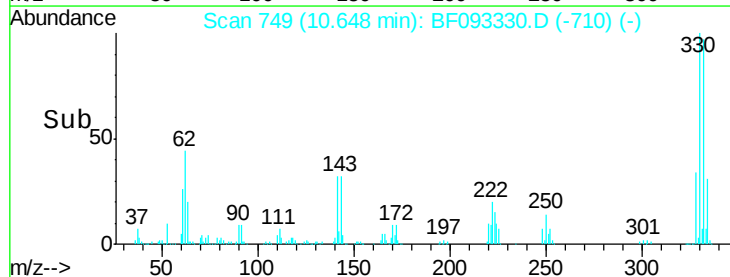
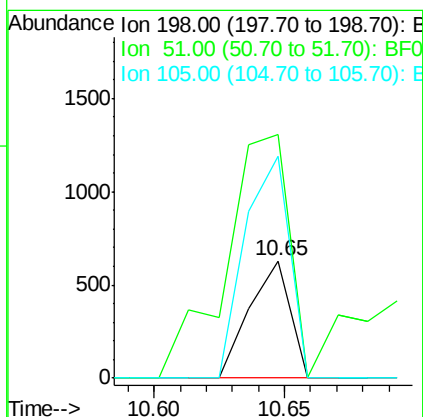
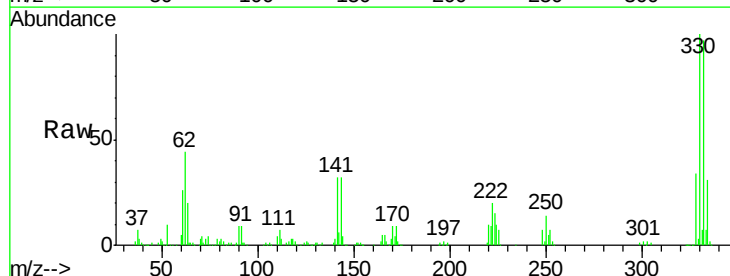
Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

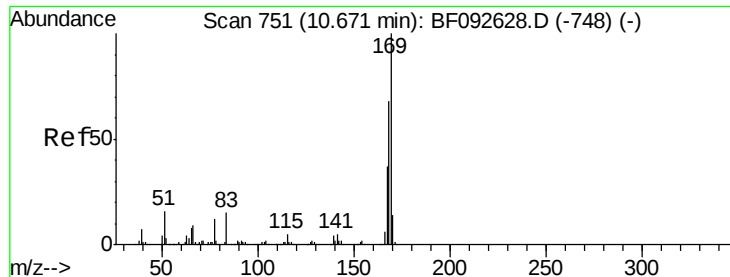
Tgt Ion:188 Resp: 522778
 Ion Ratio Lower Upper
 188 100
 94 13.8 10.0 15.0
 80 15.2 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.87 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.15 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion:198 Resp: 688
 Ion Ratio Lower Upper
 198 100
 51 207.6 6.7 46.7#
 105 188.9 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 0.61 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

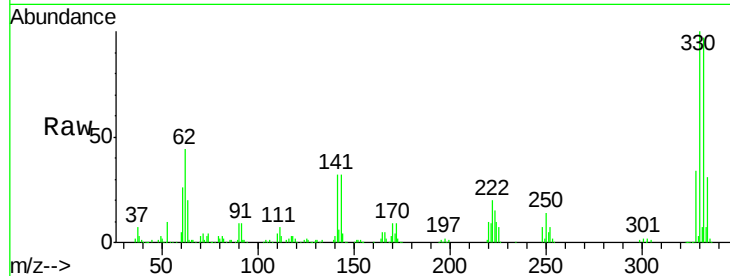
Tgt Ion:169 Resp: 10240

Ion Ratio Lower Upper

169 100

168 8.7 54.2 81.2#

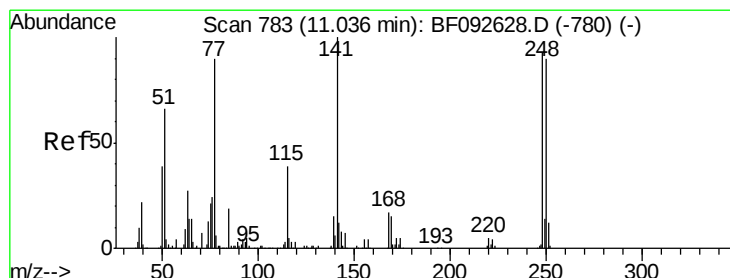
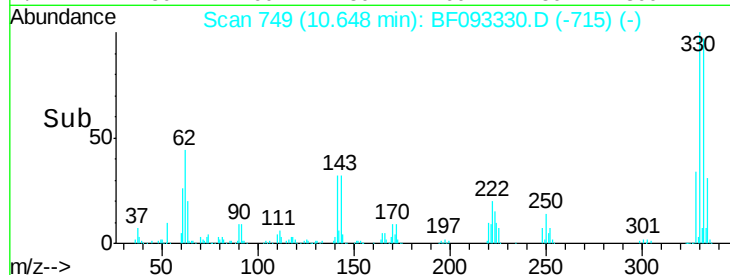
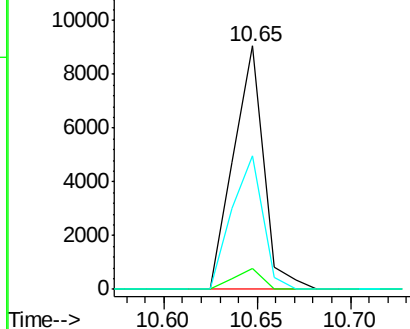
167 55.0 30.2 45.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.78 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

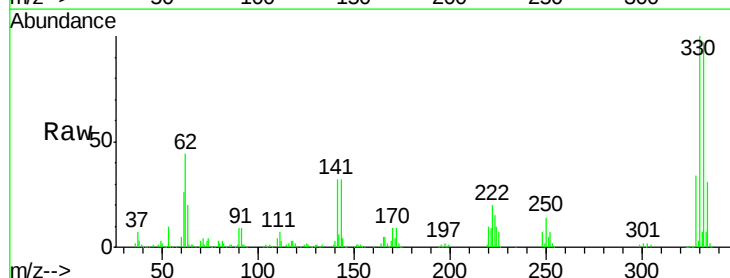
Tgt Ion:248 Resp: 20669

Ion Ratio Lower Upper

248 100

250 201.1 76.9 115.3#

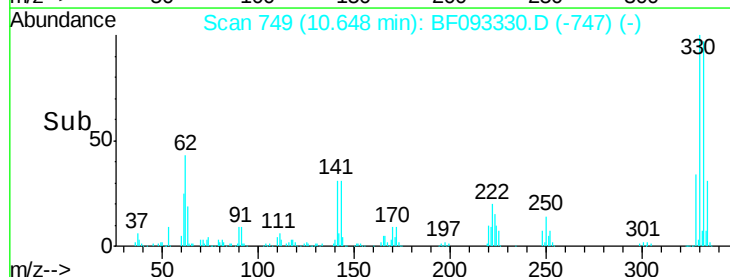
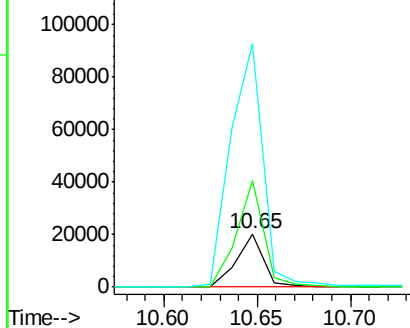
141 457.3 68.2 102.4#

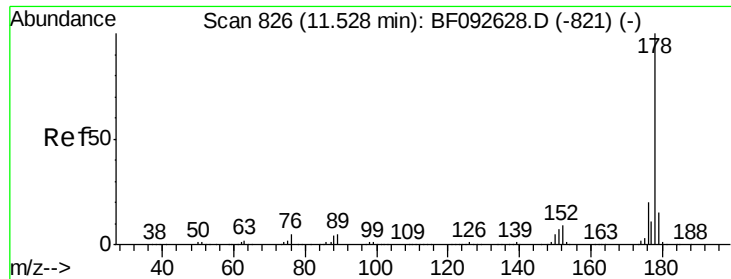


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

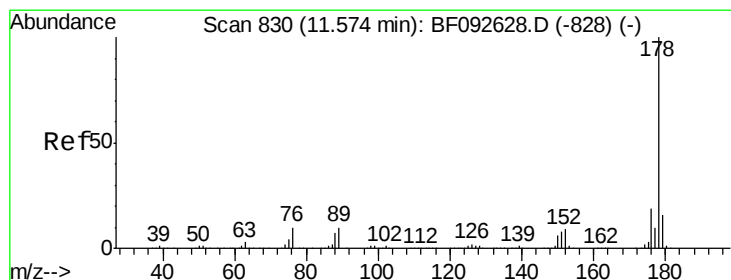
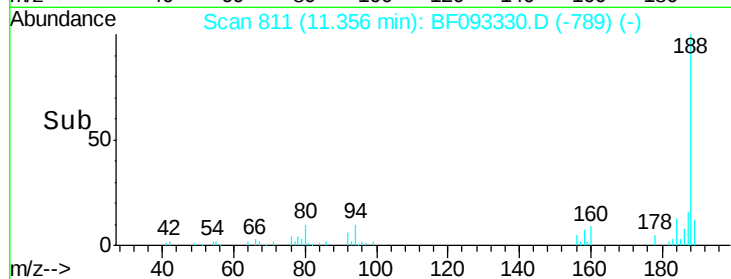
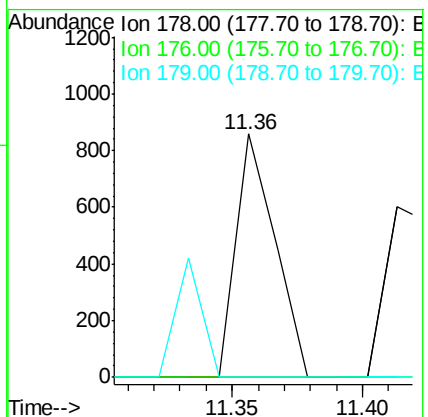
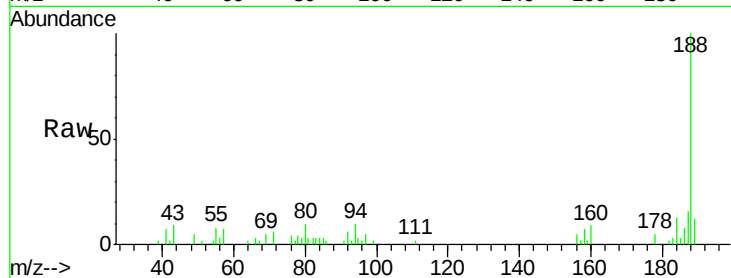




#70
Phenanthrene
Concen: 0.03 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

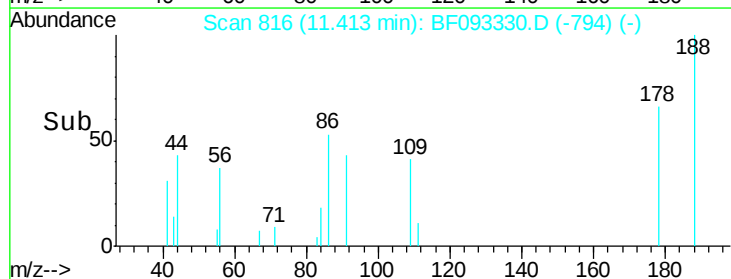
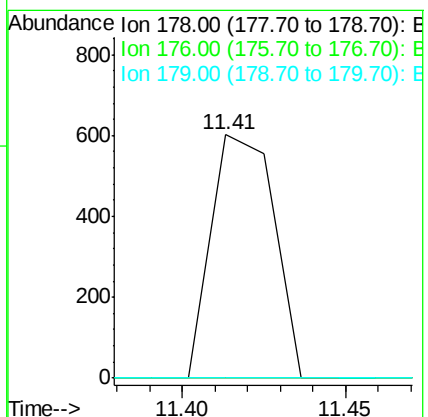
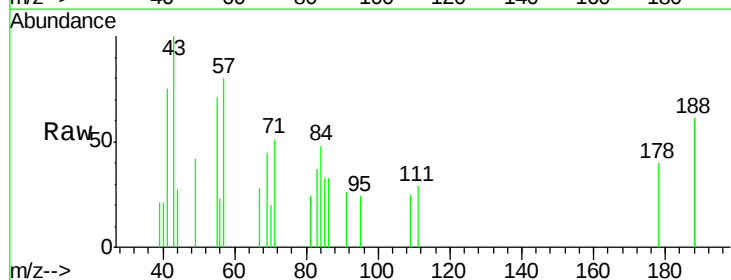
Instrument :
BNA_F
ClientSampleId :
CPS103051

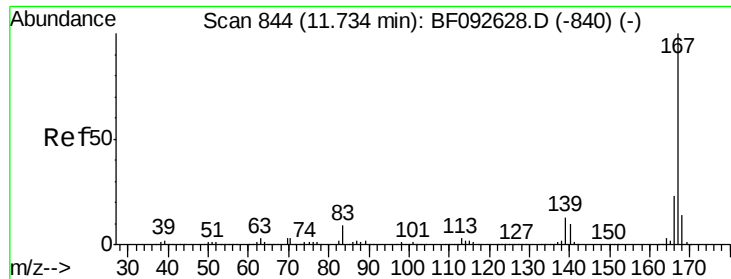
Tgt Ion:178 Resp: 897
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 0.0 12.8 19.2#



#71
Anthracene
Concen: 0.03 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Tgt Ion:178 Resp: 793
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 0.0 13.2 19.8#

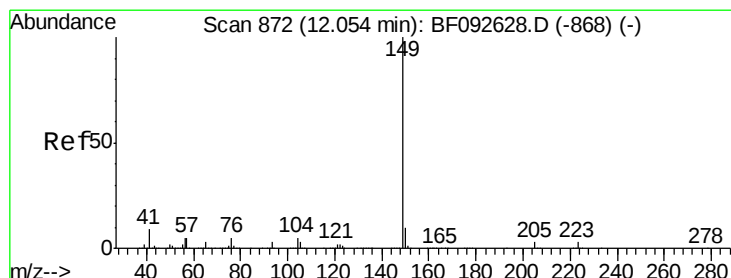
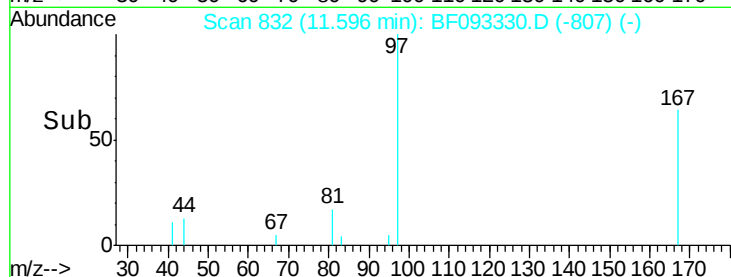
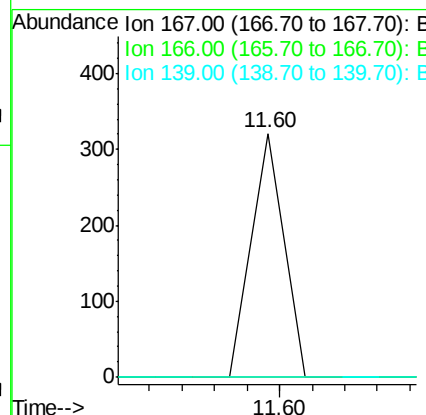
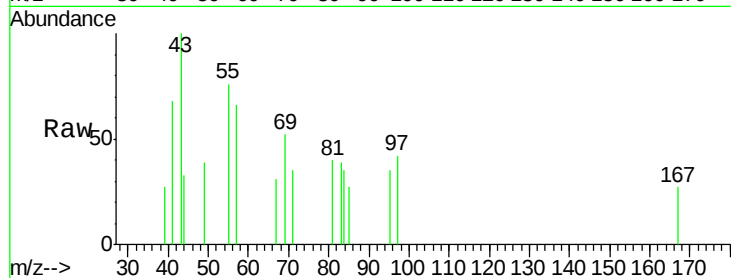




#72
 Carbazole
 Concen: 0.01 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

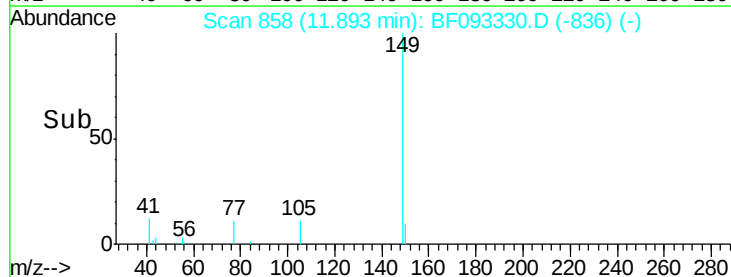
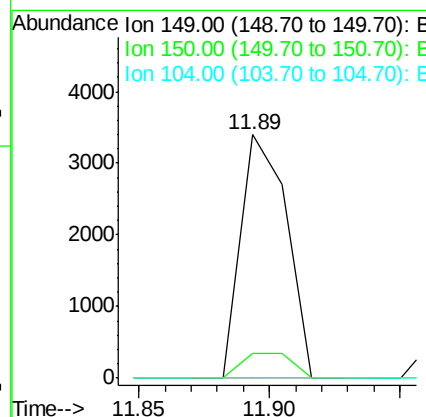
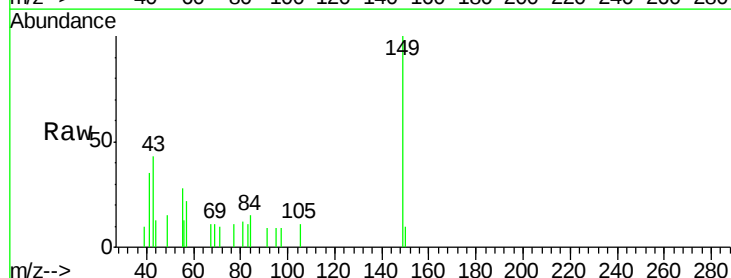
Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

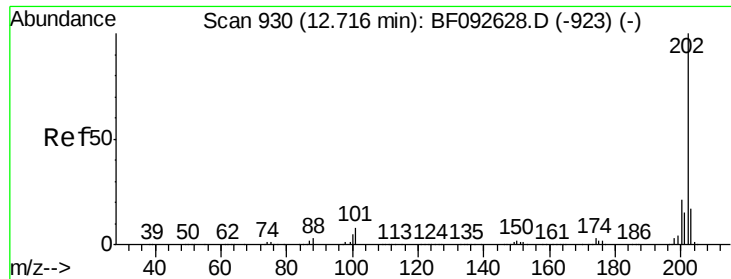
Tgt Ion:167 Resp: 220
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.2#
 139 0.0 11.4 17.2#



#73
 Di-n-butylphthalate
 Concen: 0.13 ng
 RT: 11.89 min Scan# 858
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion:149 Resp: 4183
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 0.0 4.6 7.0#

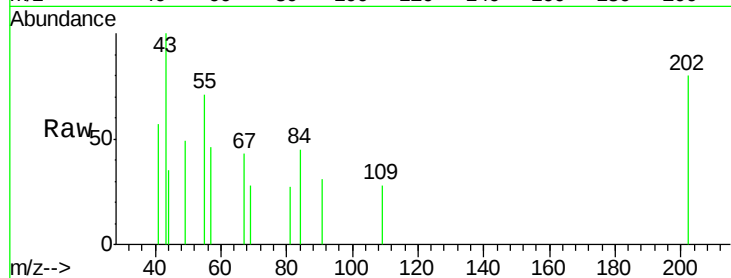




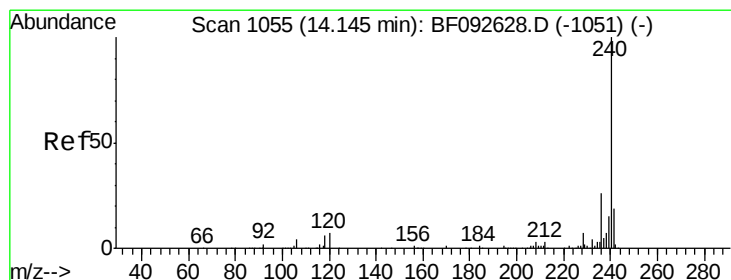
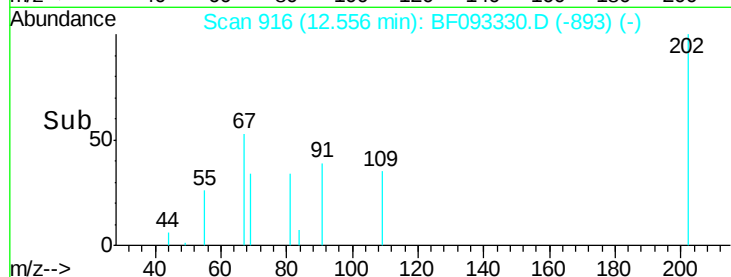
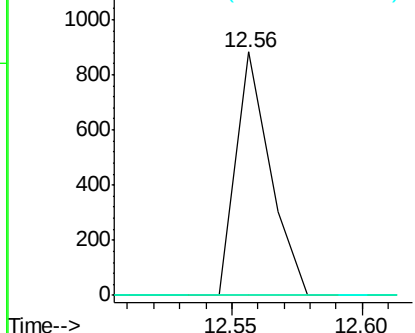
#74
Fluoranthene
 Concen: 0.03 ng
 RT: 12.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

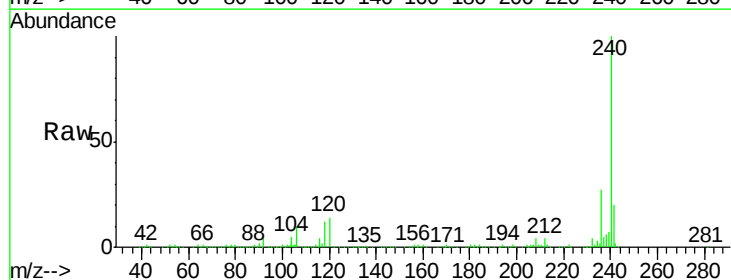


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

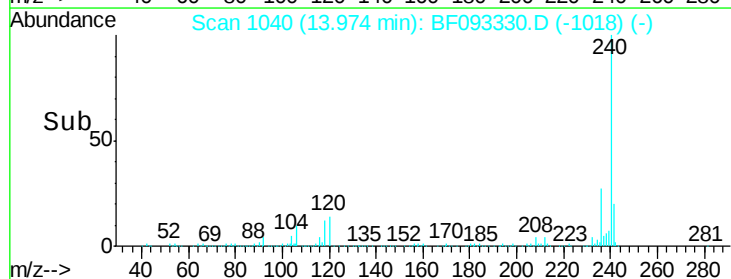
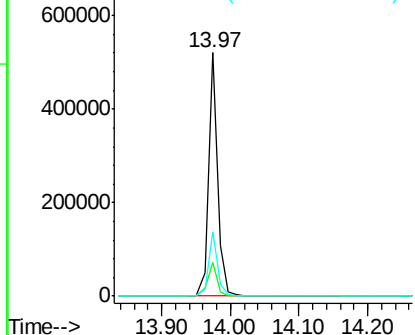


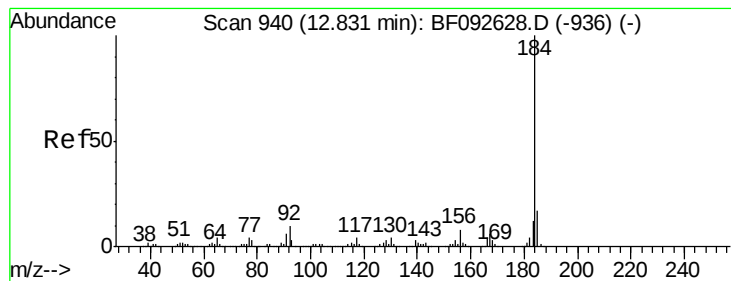
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.9	19.3
236	26.7	20.9	31.3



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: 0.77 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.21 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

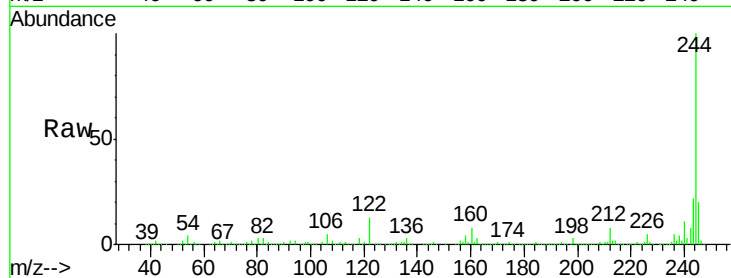
Tgt Ion:184 Resp: 15650

Ion Ratio Lower Upper

184 100

185 19.8 13.4 20.0

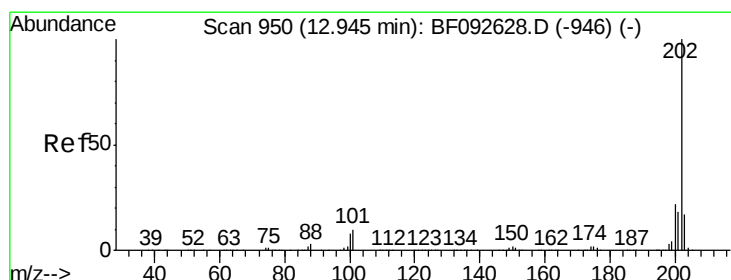
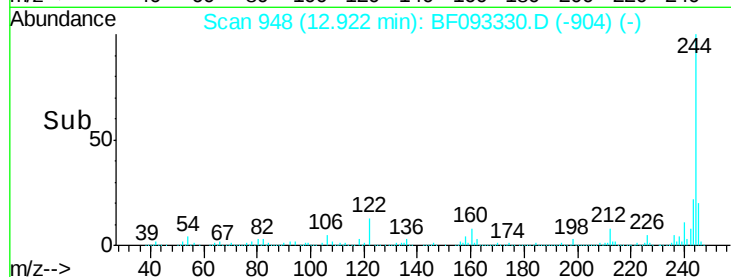
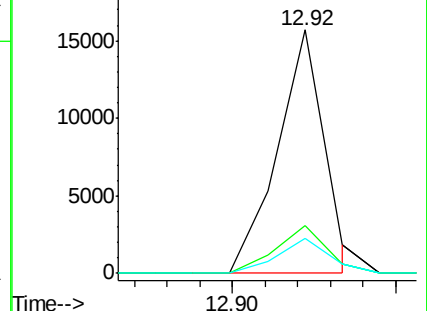
183 14.6 9.2 13.8#



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



#77

Pyrene

Concen: 0.03 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

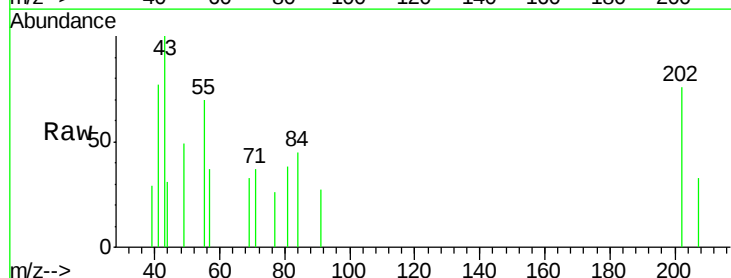
Tgt Ion:202 Resp: 1003

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

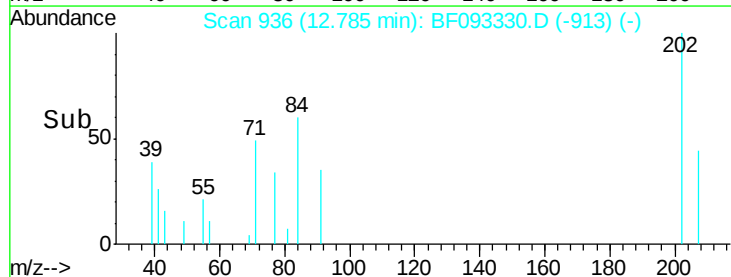
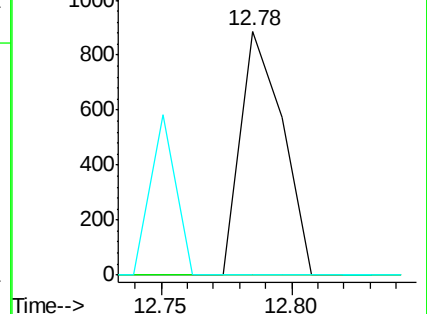
203 0.0 14.7 22.1#

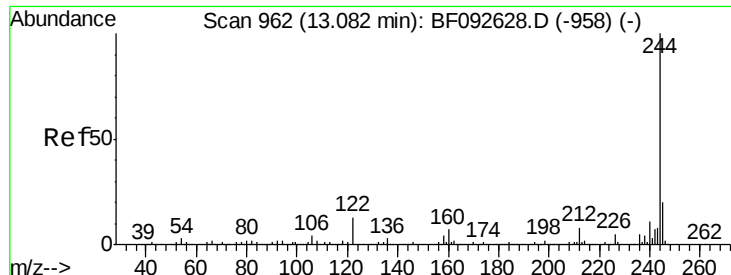


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.91 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

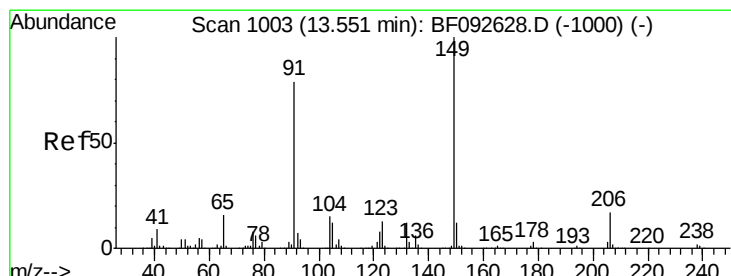
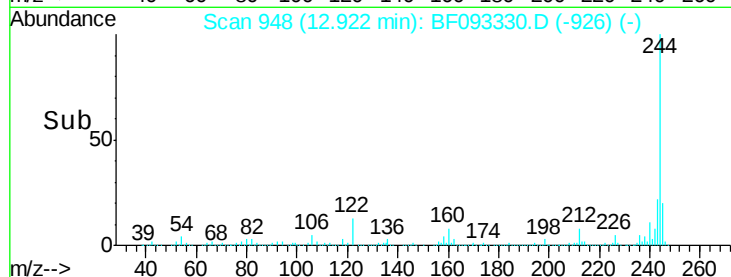
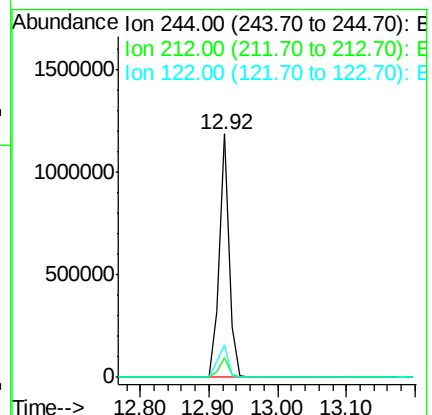
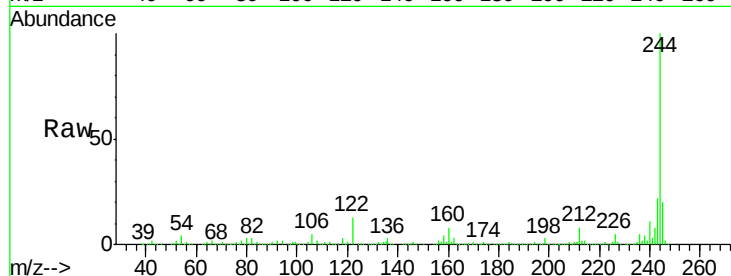
Tgt Ion:244 Resp: 1222353

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 13.2 11.4 17.2



#79

Butylbenzylphthalate

Concen: 0.04 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

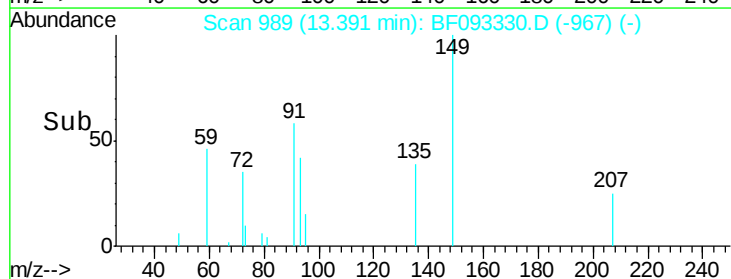
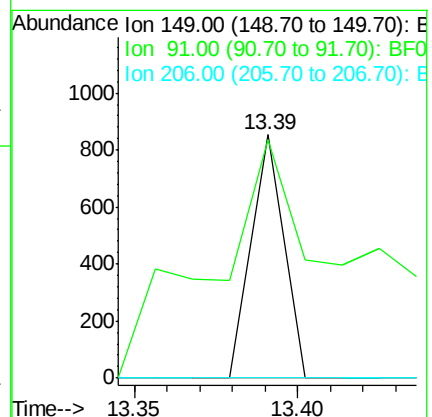
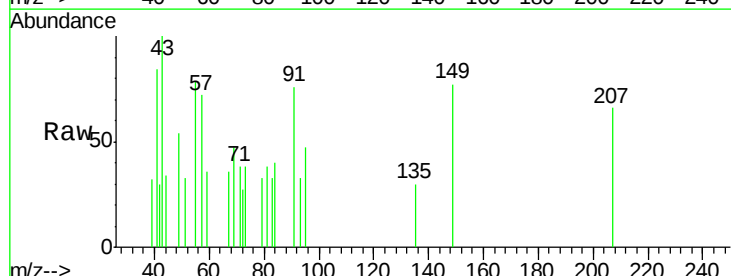
Tgt Ion:149 Resp: 586

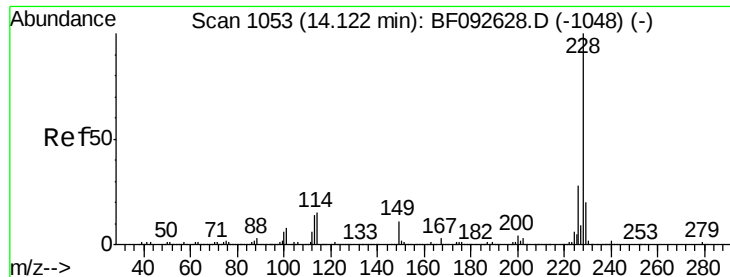
Ion Ratio Lower Upper

149 100

91 98.1 63.9 95.9#

206 0.0 14.6 21.8#





#80

Benzo(a)anthracene

Concen: 0.11 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

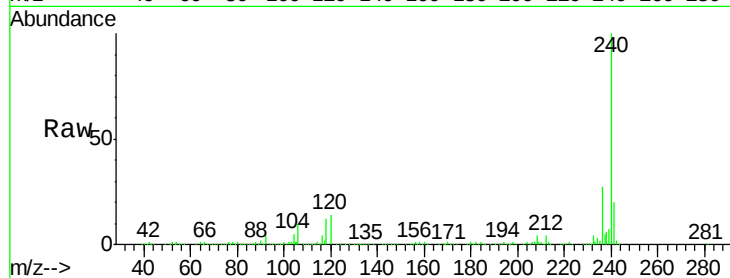
Tgt Ion:228 Resp: 3093

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

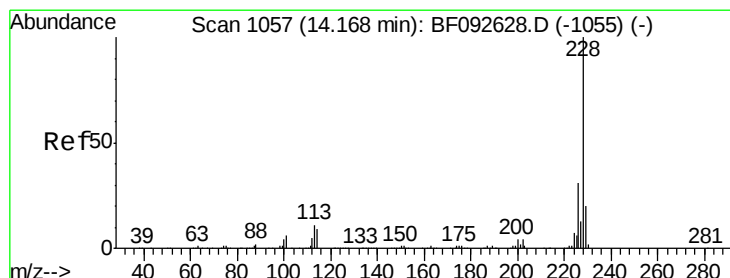
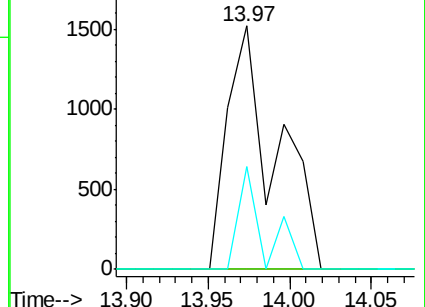
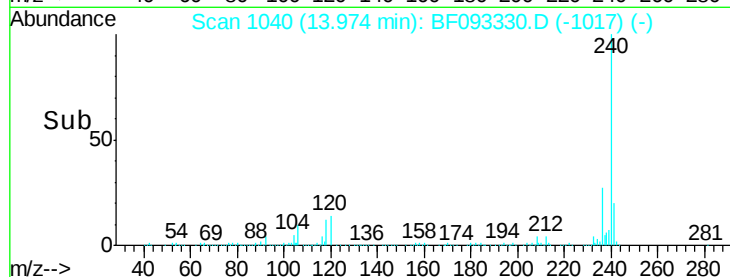
229 42.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.11 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

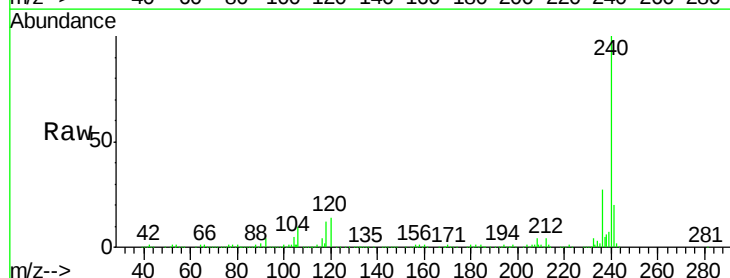
Tgt Ion:228 Resp: 3093

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

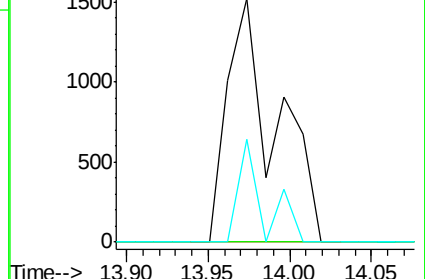
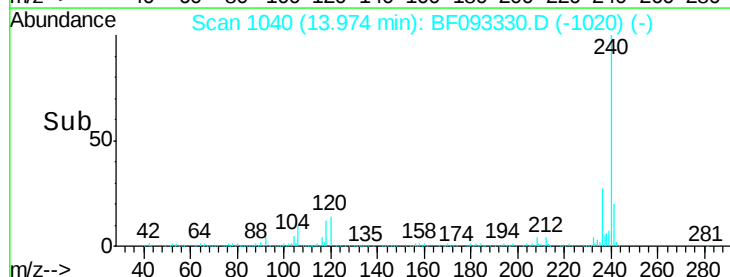
229 42.0 16.2 24.2#

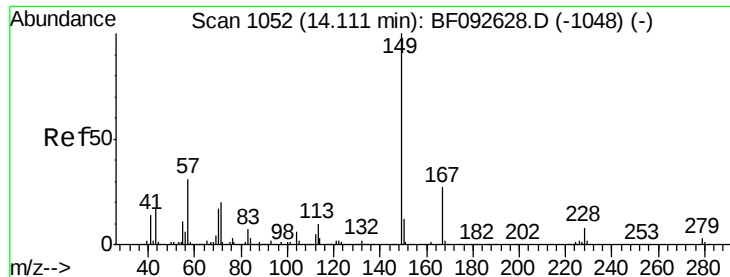


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

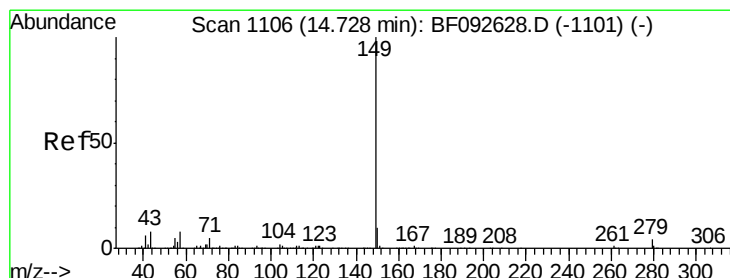
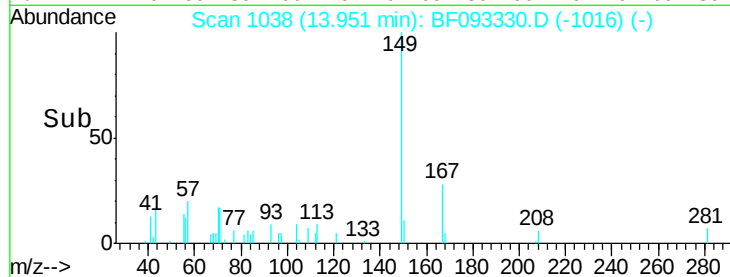
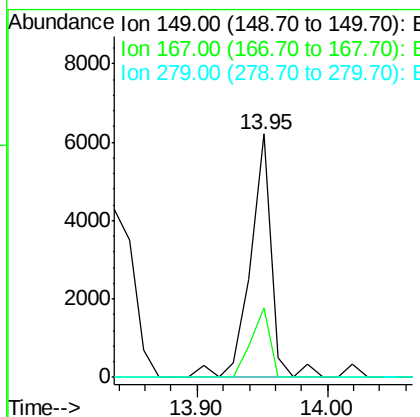
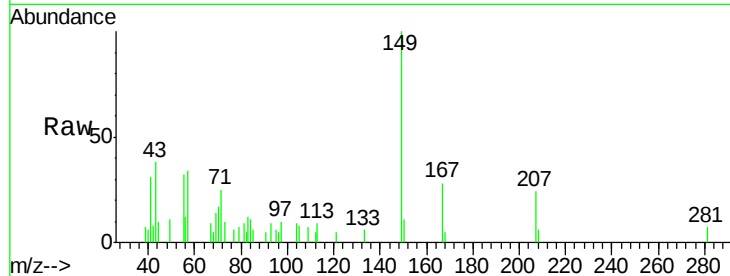




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.35 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

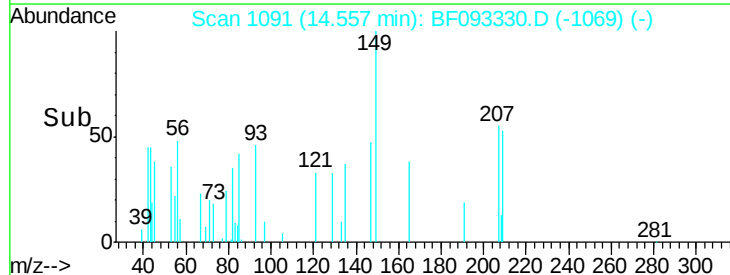
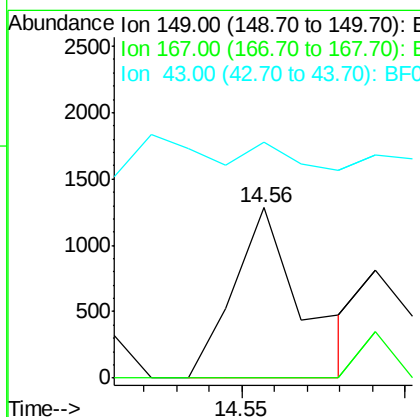
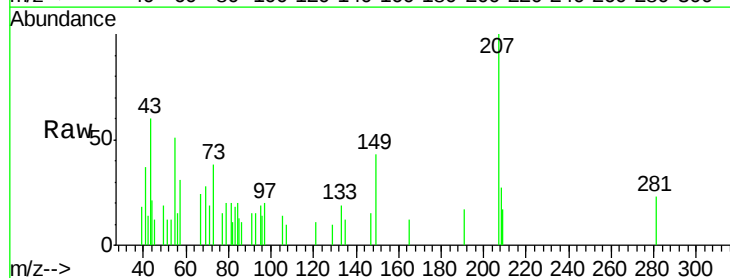
Instrument :
 BNA_F
 ClientSampleId :
 CPS103051

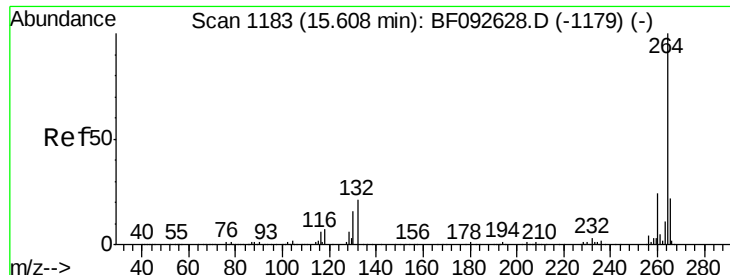
Tgt Ion:149 Resp: 6986
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.2 30.4
 279 0.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 0.06 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BF093330.D
 Acq: 2 Mar 2017 19:37

Tgt Ion:149 Resp: 1867
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 8.9 13.3#

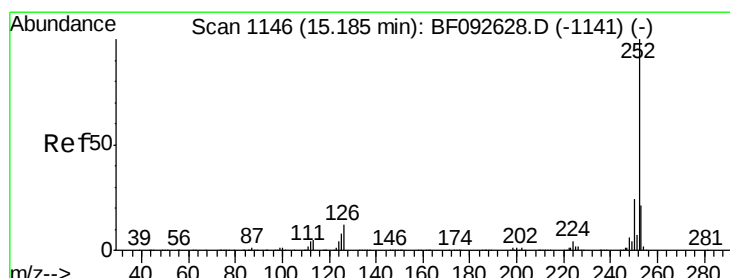
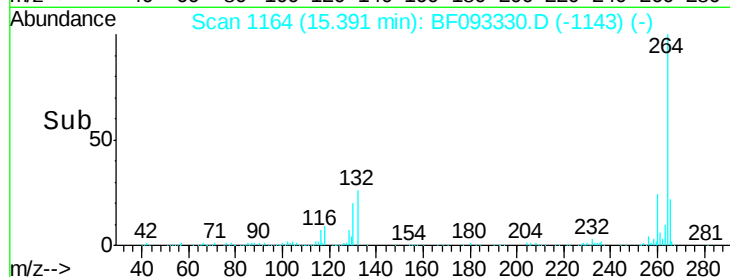
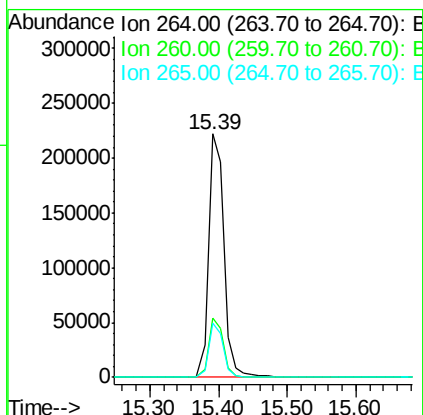
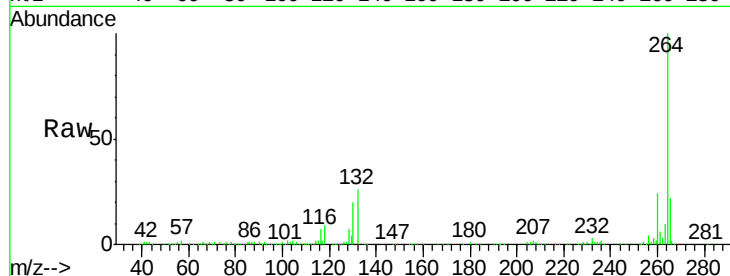




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

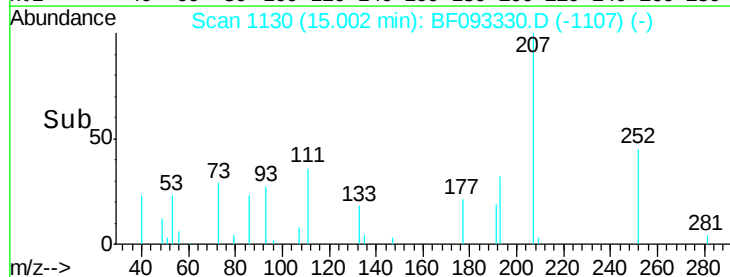
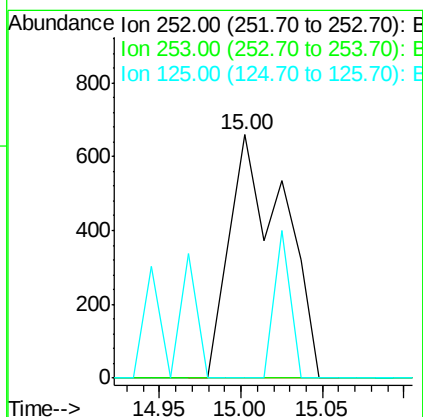
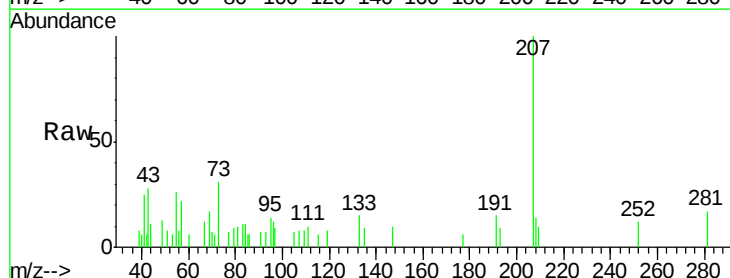
Instrument :
BNA_F
ClientSampleId :
CPS103051

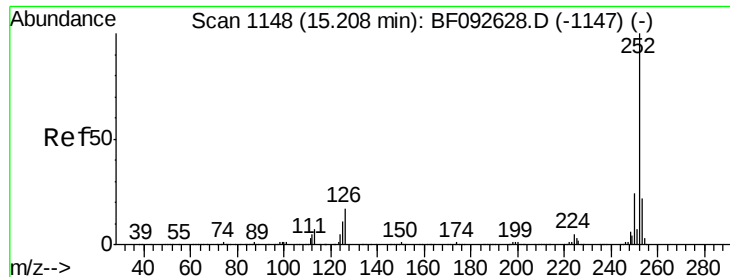
Tgt Ion:264 Resp: 347831
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.1 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093330.D
Acq: 2 Mar 2017 19:37

Tgt Ion:252 Resp: 1515
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

Instrument :

BNA_F

ClientSampleId :

CPS103051

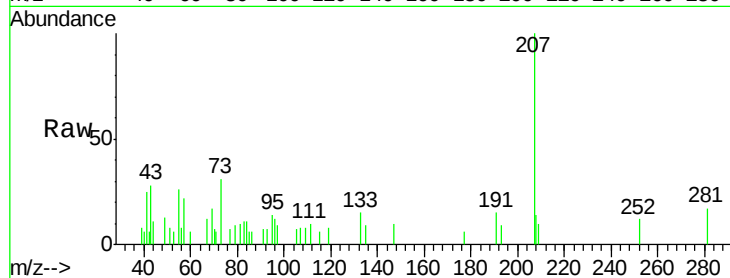
Tgt Ion:252 Resp: 1515

Ion Ratio Lower Upper

252 100

253 0.0 18.5 27.7#

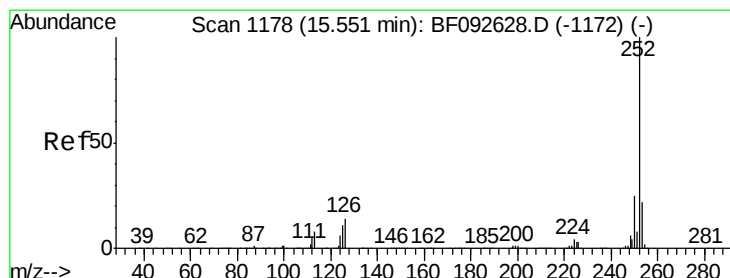
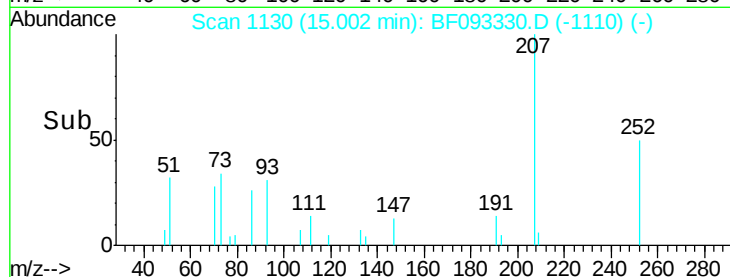
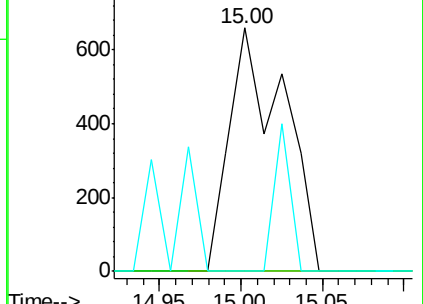
125 0.0 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093330.D

Acq: 2 Mar 2017 19:37

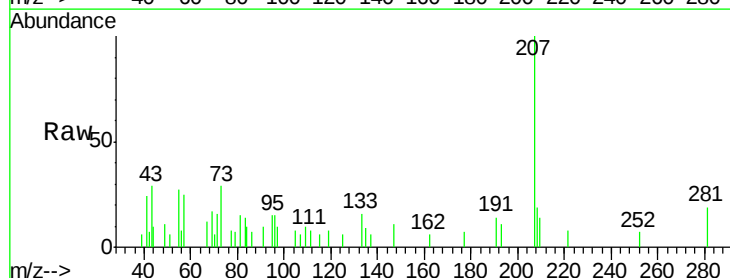
Tgt Ion:252 Resp: 225

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

125 92.1 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

