

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093328.D
 Acq On : 2 Mar 2017 18:42
 Operator : SJ/MA
 Sample : I2052-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

Quant Time: Mar 03 00:15:19 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	158466	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	669427	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	297899	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	601208	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	501899	20.00	ng	-0.05
86) Perylene-d12	15.39	264	358400	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	678083	73.41	ng	-0.06
7) Phenol-d6	6.44	99	578154	48.65	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1008292	83.88	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	327794	152.14	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1769218	107.59	ng	-0.05
78) Terphenyl-d14	12.92	244	1593496	74.60	ng	-0.05

Target Compounds

						Qvalue
6) Aniline	6.48	93	813	0.05	ng	# 1
8) 2-Chlorophenol	6.57	128	826	0.08	ng	# 1
9) Benzaldehyde	6.44	77	793	0.09	ng	# 1
10) Phenol	6.45	94	16240	1.17	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	1477	0.13	ng	# 1
12) 1,3-Dichlorobenzene	6.97	146	667	0.06	ng	# 1
13) 1,4-Dichlorobenzene	6.97	146	667	0.06	ng	# 23
14) 1,2-Dichlorobenzene	6.97	146	667	0.06	ng	# 24
15) Benzyl Alcohol	6.94	79	15513	1.76	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	7.14	45	237	0.01	ng	67
17) 2-Methylphenol	7.28	107	974	0.11	ng	# 37
19) n-Nitroso-di-n-propylamine	7.37	70	134876	17.83	ng	# 82
20) 3+4-Methylphenols	7.28	107	974	0.09	ng	# 34
24) Nitrobenzene	7.37	77	2765	0.22	ng	# 44
25) Isophorone	7.37	82	808387	36.09	ng	# 65
31) Naphthalene	8.11	128	334	0.01	ng	# 68
35) Caprolactam	8.51	113	80153	26.51	ng	# 28
45) 1,1'-Biphenyl	9.26	154	3493	0.16	ng	91
47) 2-Nitroaniline	9.16	65	2877	0.51	ng	# 12
48) Acenaphthylene	9.87	152	213	0.01	ng	# 1
49) Dimethylphthalate	9.57	163	15109	0.75	ng	100
50) 2,6-Dinitrotoluene	9.85	165	37638	8.69	ng	# 31
51) Acenaphthene	9.85	154	1640	0.09	ng	# 5
54) Dibenzofuran	10.05	168	545	0.02	ng	# 42
56) 2,4-Dinitrotoluene	9.85	165	37639	6.52	ng	# 20
57) Fluorene	10.40	166	1015	0.06	ng	# 95
59) Diethylphthalate	10.27	149	4585	0.24	ng	# 84
62) Azobenzene	10.64	77	1516	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.64	198	699	2.85	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	10031	0.52	ng	# 43
66) 4-Bromophenyl-phenylether	10.64	248	23096	3.68	ng	# 1
70) Phenanthrene	11.36	178	1107	0.03	ng	# 58
71) Anthracene	11.41	178	361	0.01	ng	# 59
73) Di-n-butylphthalate	11.89	149	4174	0.12	ng	# 89

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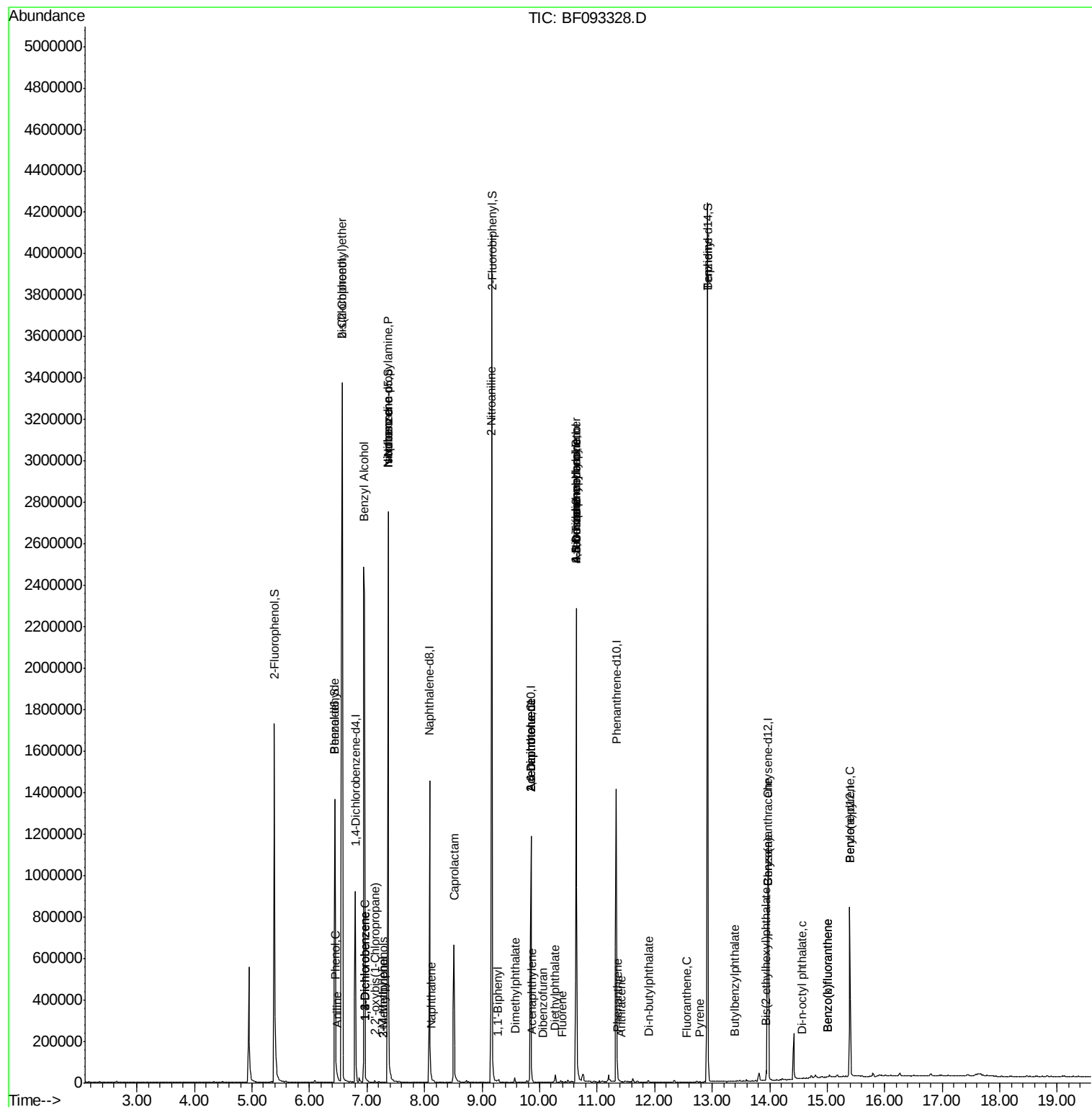
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.56	202	299	0.01	ng	61
76) Benzdine	12.92	184	22749	1.06	ng	# 92
77) Pyrene	12.77	202	621	0.02	ng	# 56
79) Butylbenzylphthalate	13.39	149	360	0.02	ng	# 58
80) Benzo(a)anthracene	13.96	228	2090	0.07	ng	# 51
82) Chrysene	13.96	228	2090	0.07	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.94	149	14596	0.70	ng	# 97
84) Di-n-octyl phthalate	14.56	149	667	0.02	ng	# 74
87) Benzo(b)fluoranthene	15.00	252	326	0.01	ng	# 1
88) Benzo(k)fluoranthene	15.00	252	326	0.02	ng	# 2
89) Benzo(a)pyrene	15.39	252	1274	0.06	ng	# 23

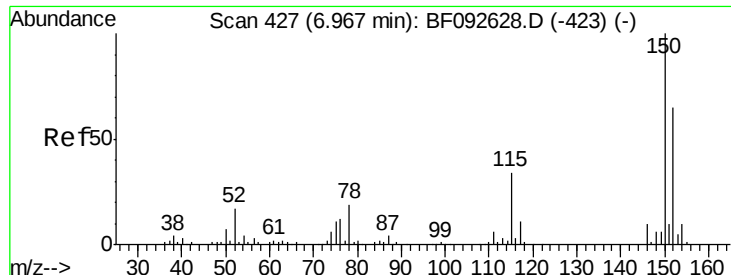
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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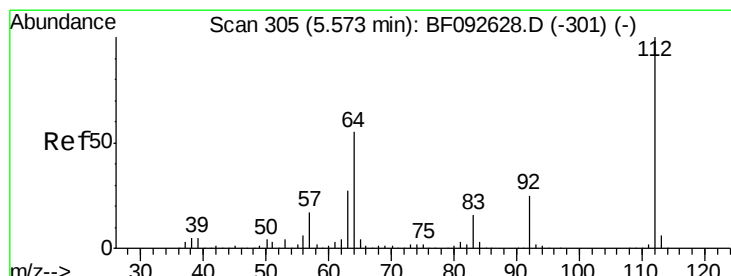
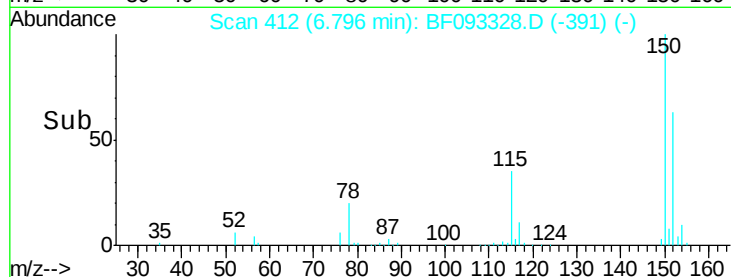
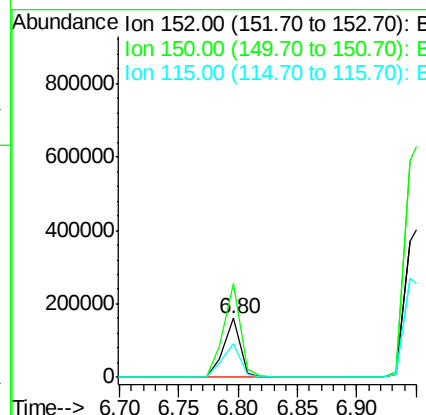
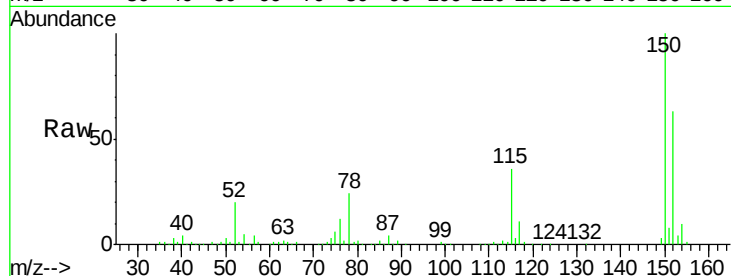




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

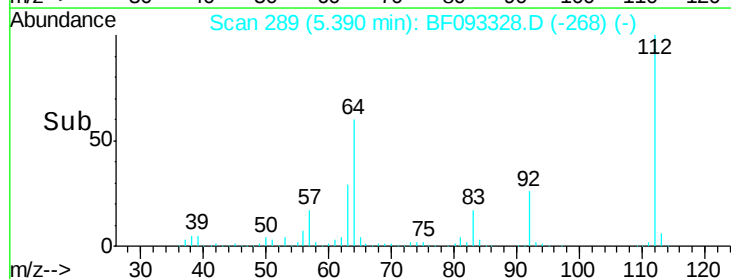
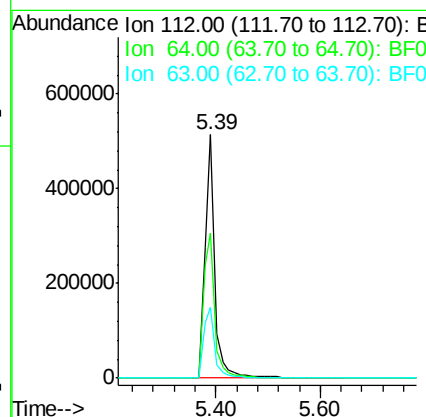
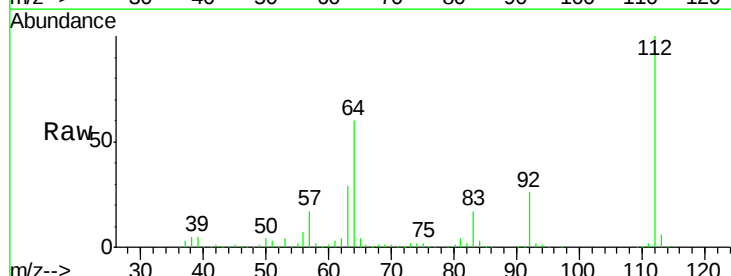
Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

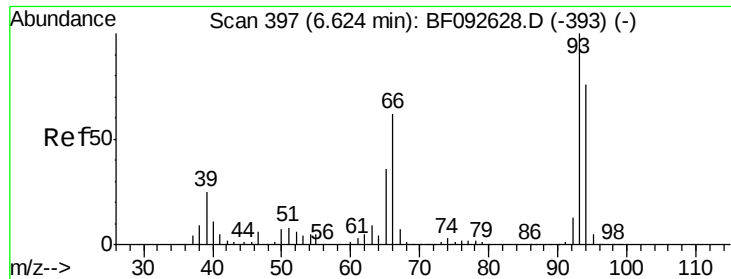
Tgt Ion:152 Resp: 158466
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.9 187.3
 115 56.8 46.0 69.0



#5
 2-Fluorophenol
 Concen: 73.41 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Tgt Ion:112 Resp: 678083
 Ion Ratio Lower Upper
 112 100
 64 59.5 46.1 69.1
 63 29.3 23.8 35.6





#6

Aniline

Concen: 0.05 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

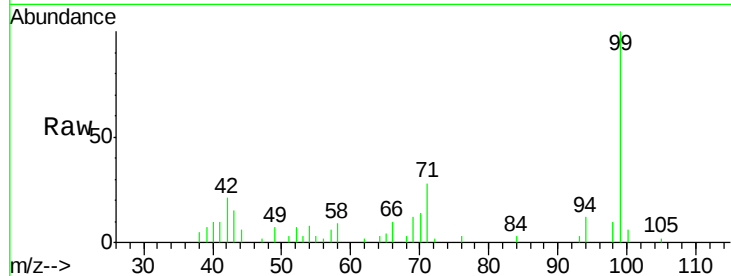
Tgt Ion: 93 Resp: 813

Ion Ratio Lower Upper

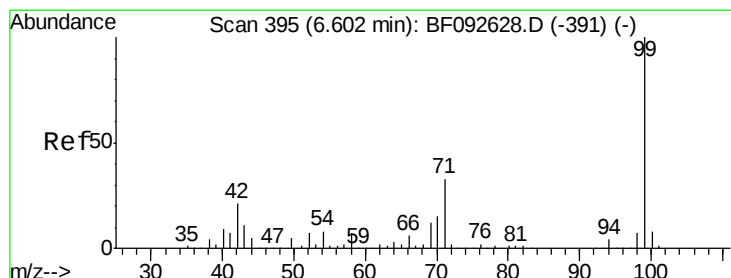
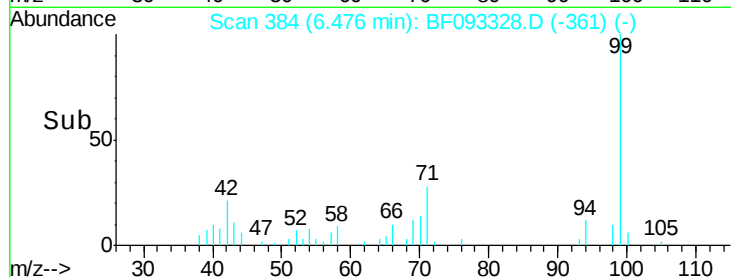
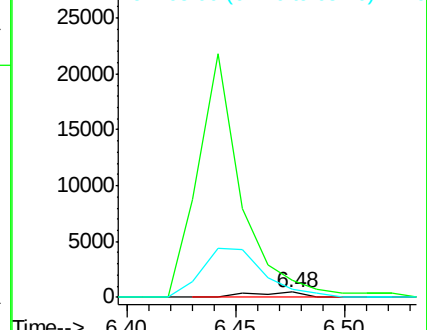
93 100

66 332.1 76.2 114.2#

65 145.5 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: 48.65 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

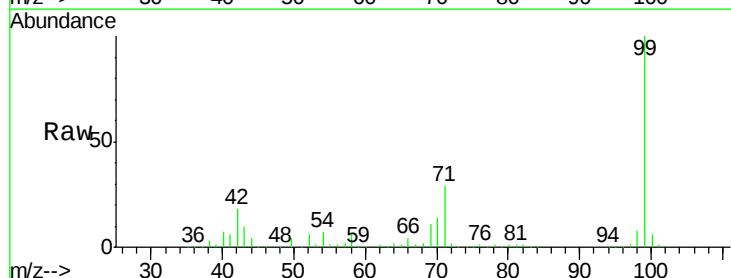
Tgt Ion: 99 Resp: 578154

Ion Ratio Lower Upper

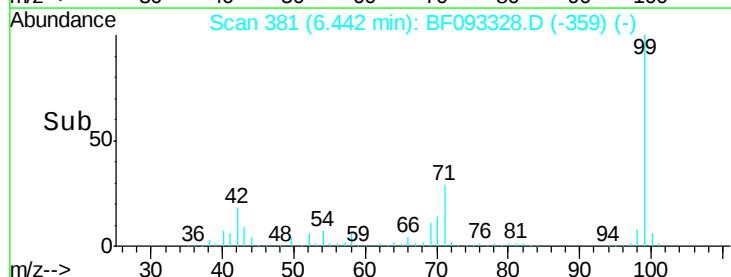
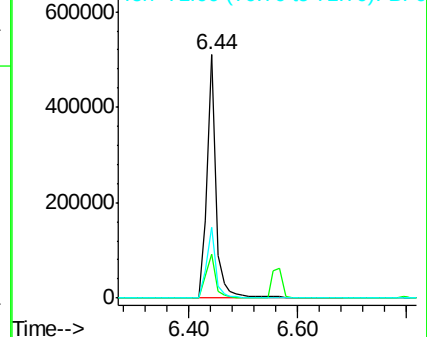
99 100

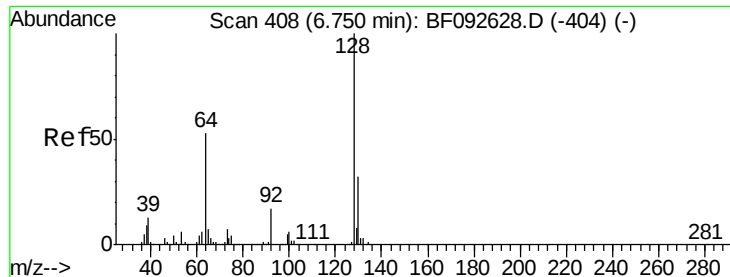
42 17.9 15.6 23.4

71 29.3 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: 0.08 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093328.D

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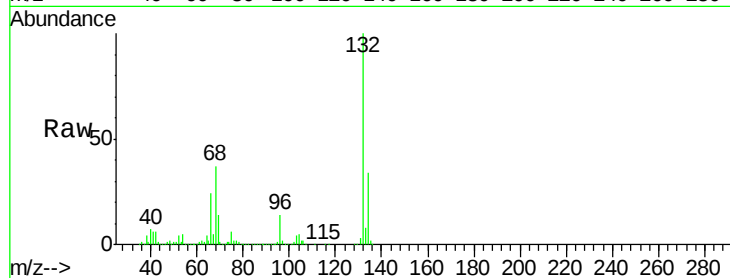
Tgt Ion:128 Resp: 826

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

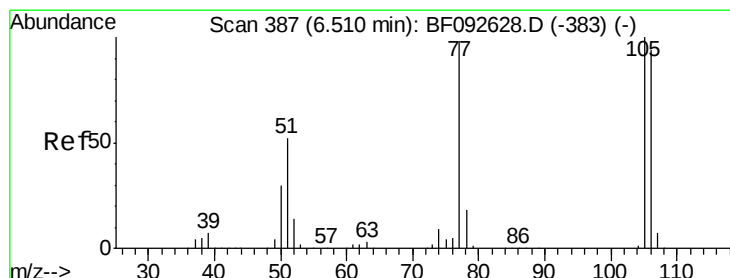
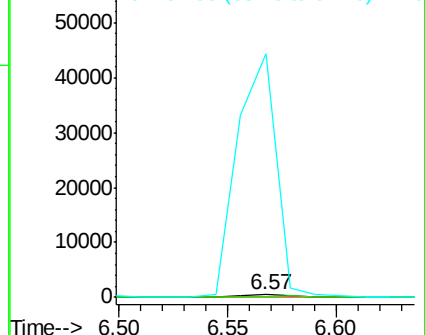
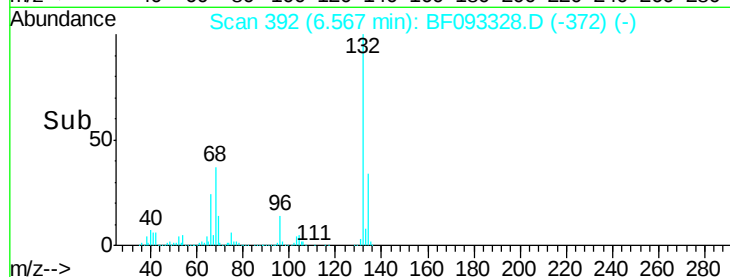
64 8398.5 32.2 72.2#



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: 0.09 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

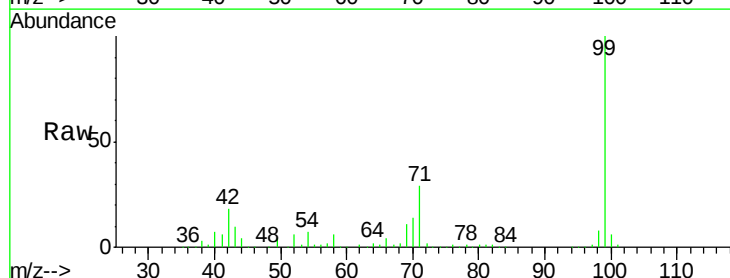
Tgt Ion: 77 Resp: 793

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

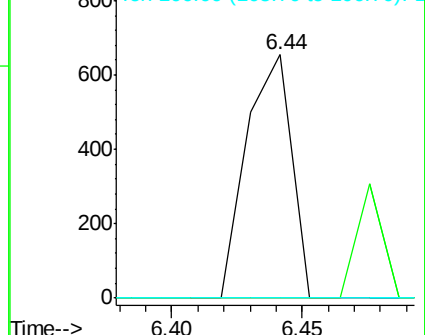
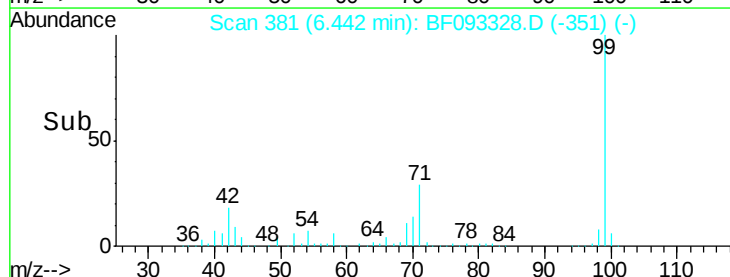
106 0.0 77.6 117.6#

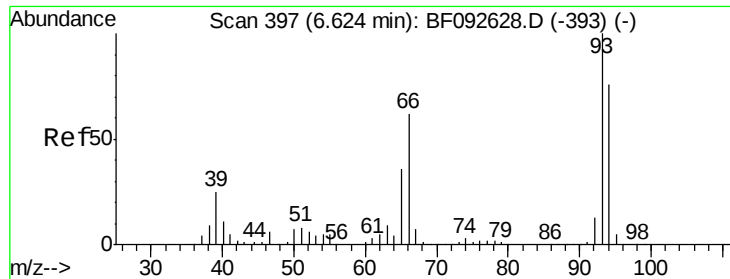


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.17 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

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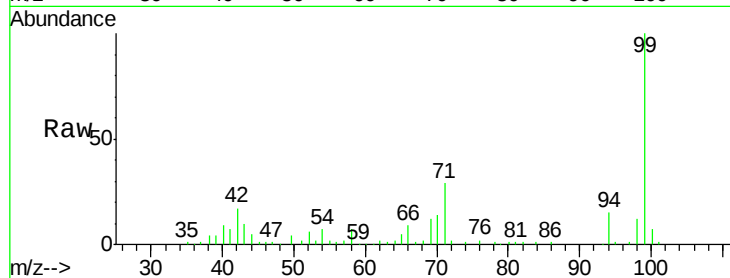
Tgt Ion: 94 Resp: 16240

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

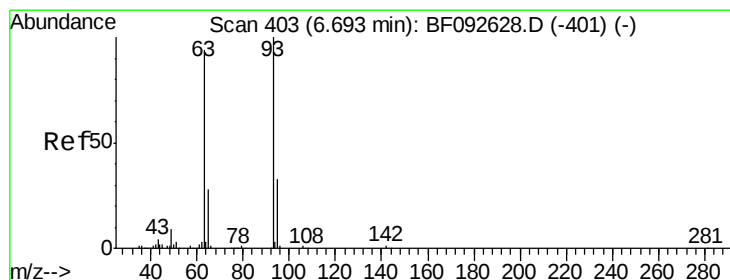
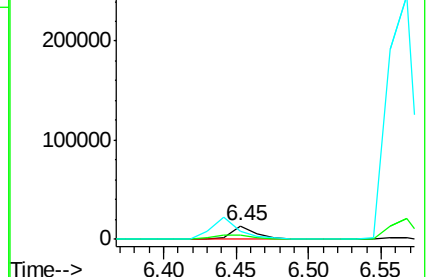
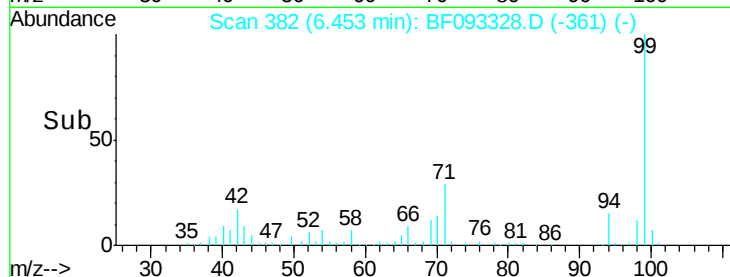
66 58.8 44.0 84.0



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: 0.13 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

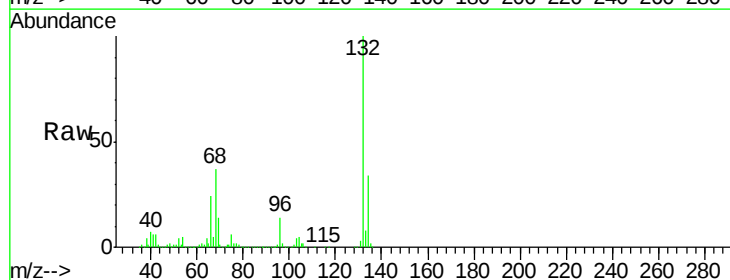
Tgt Ion: 93 Resp: 1477

Ion Ratio Lower Upper

93 100

63 757.9 60.4 100.4#

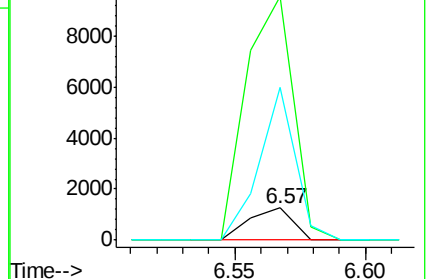
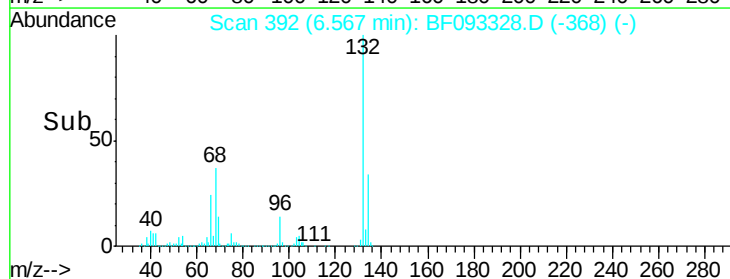
95 475.1 12.8 52.8#

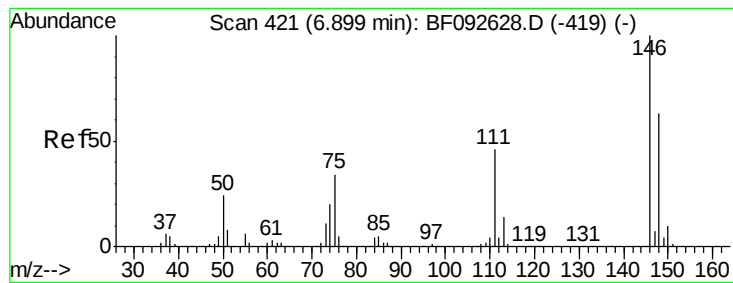


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.06 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.17 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

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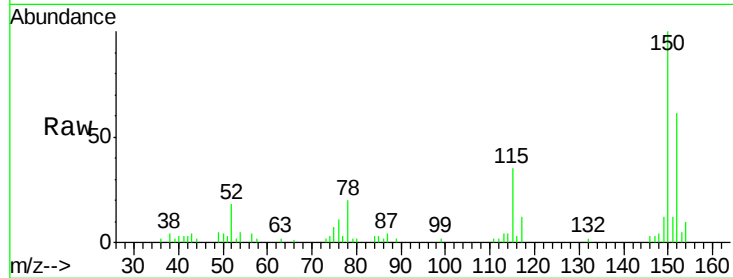
Tgt Ion:146 Resp: 667

Ion Ratio Lower Upper

146 100

148 154.1 53.4 80.0#

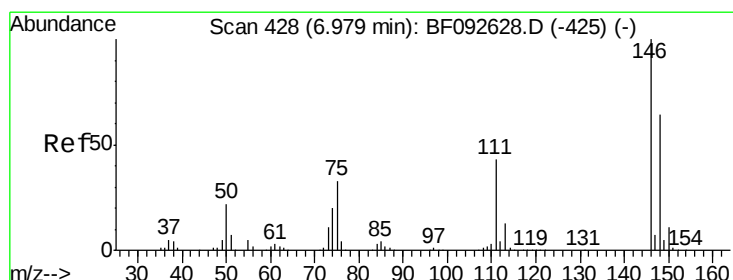
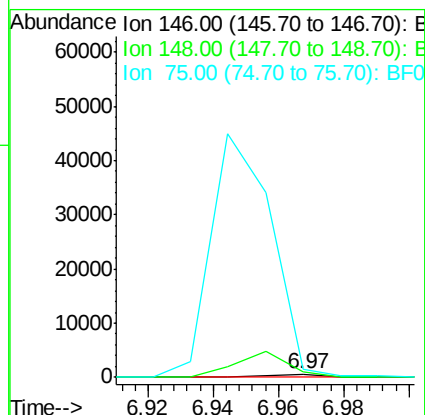
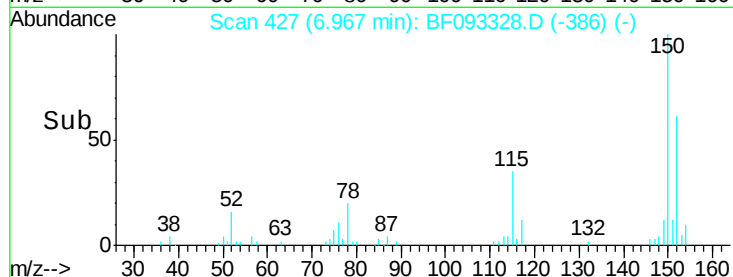
75 240.3 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.06 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.09 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

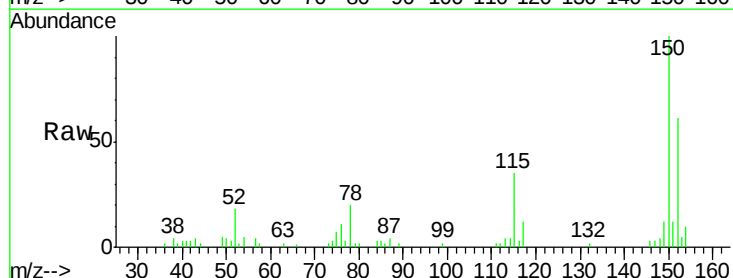
Tgt Ion:146 Resp: 667

Ion Ratio Lower Upper

146 100

148 154.1 50.6 76.0#

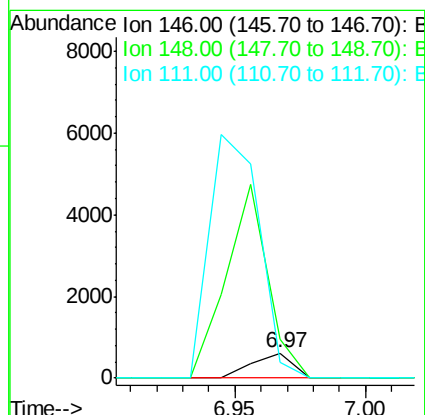
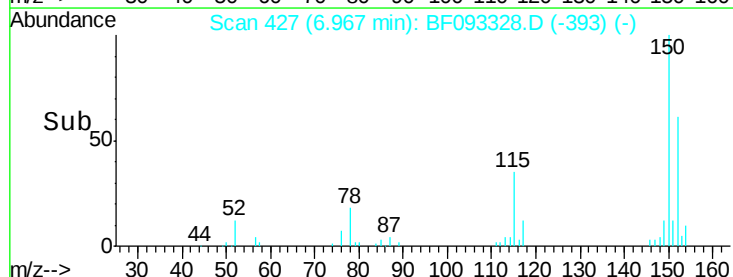
111 59.9 36.2 54.4#

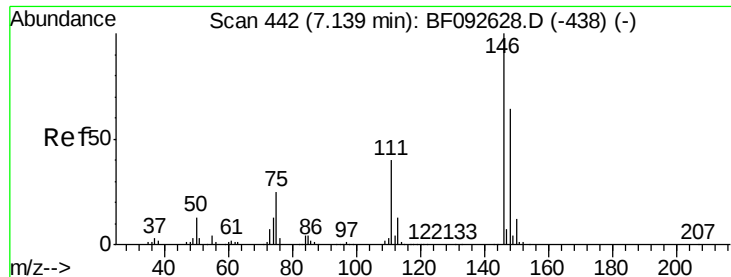


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.06 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

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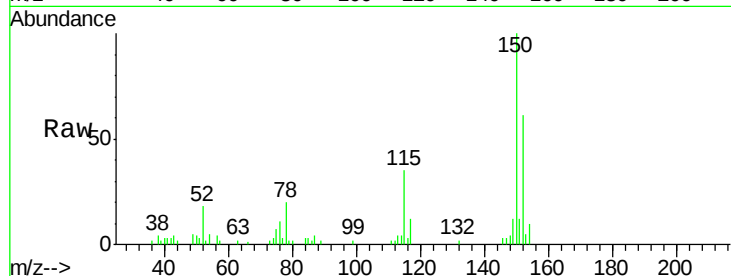
Tgt Ion:146 Resp: 667

Ion Ratio Lower Upper

146 100

148 154.1 52.2 78.2#

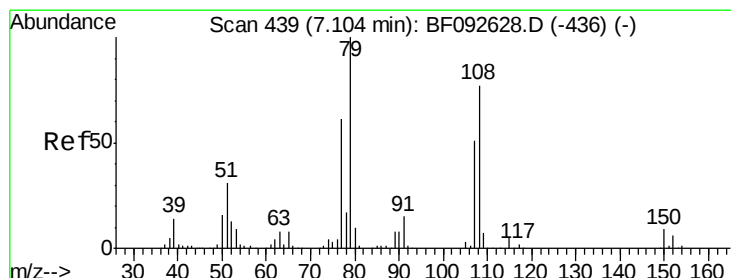
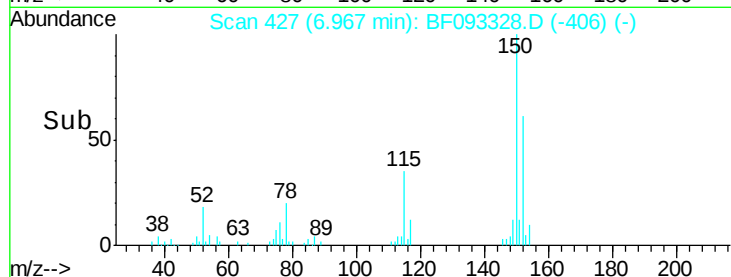
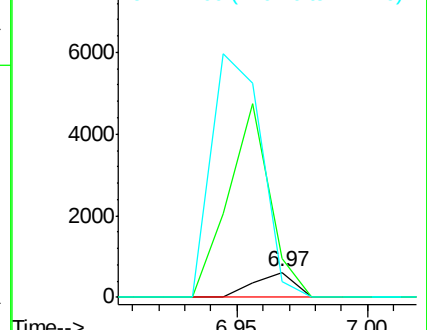
111 59.9 36.2 54.2#



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: 1.76 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

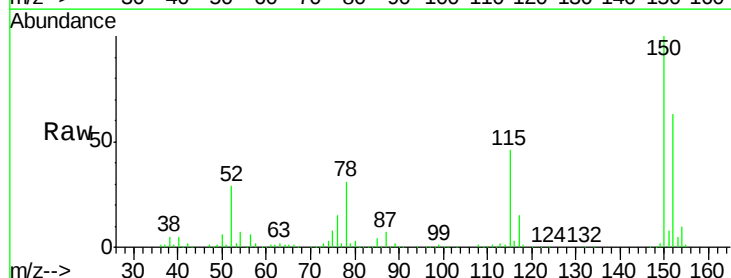
Tgt Ion: 79 Resp: 15513

Ion Ratio Lower Upper

79 100

108 24.0 61.4 92.0#

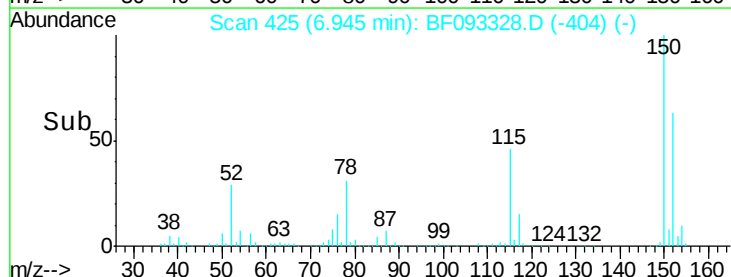
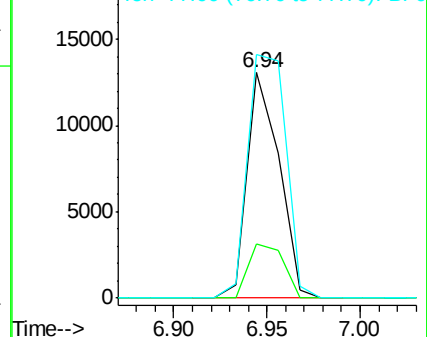
77 108.1 50.9 76.3#

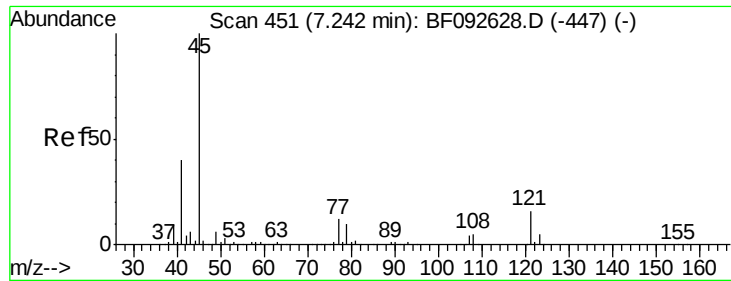


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

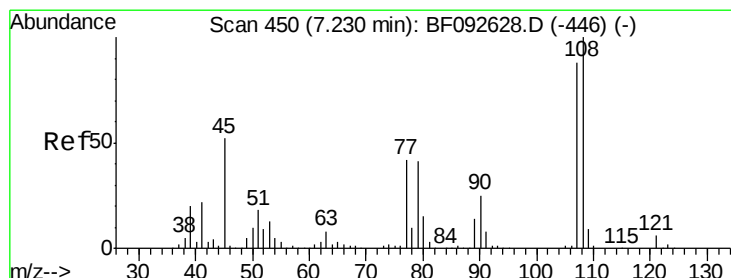
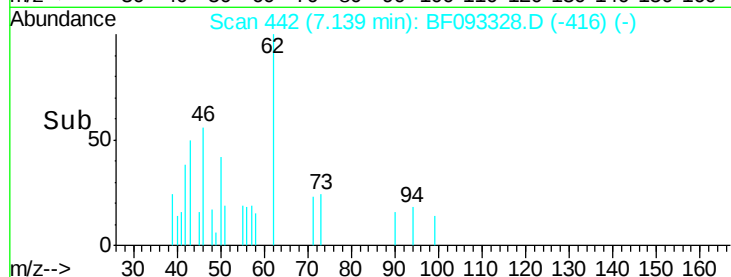
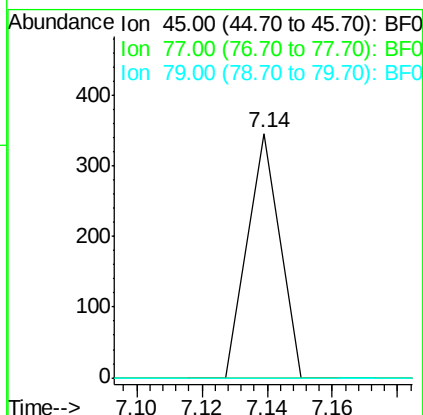
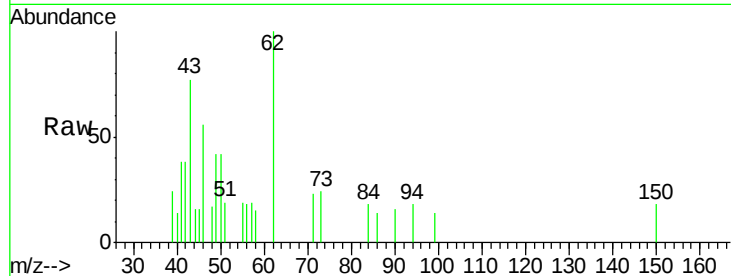




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

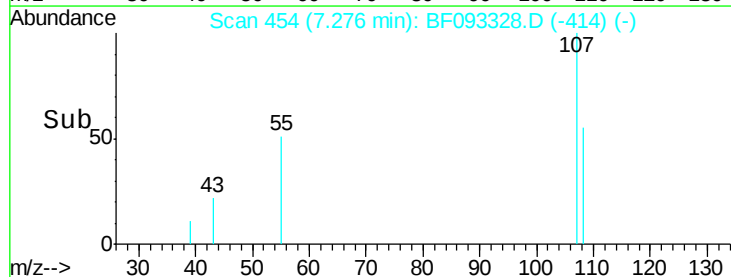
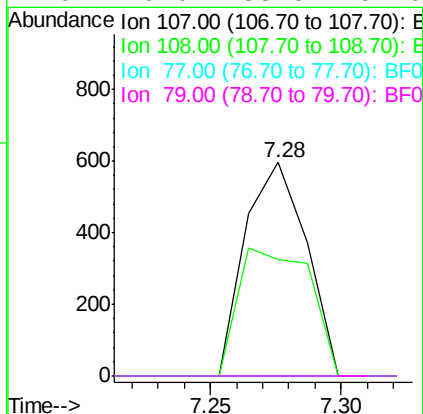
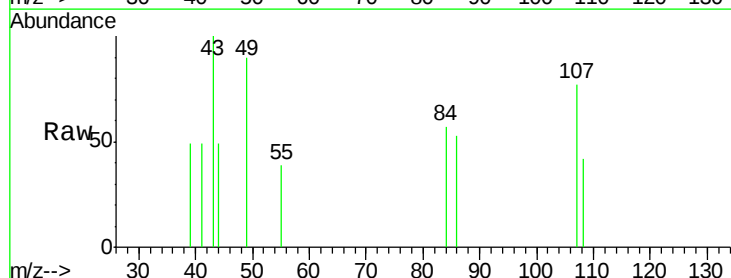
Instrument :
BNA_F
ClientSampleId :
CPS123051

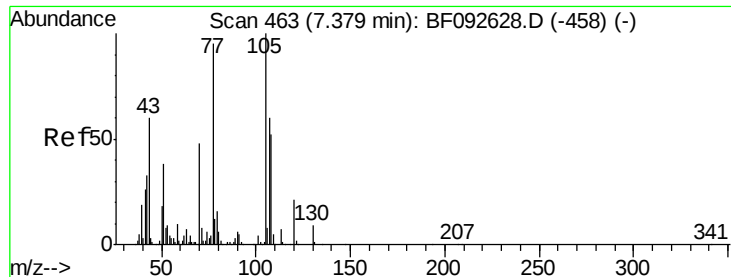
Tgt Ion: 45 Resp: 237
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.6
79 0.0 0.0 31.2



#17
2-Methylphenol
Concen: 0.11 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.16 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 107 Resp: 974
Ion Ratio Lower Upper
107 100
108 54.7 93.0 139.6#
77 0.0 39.8 59.8#
79 0.0 38.0 57.0#

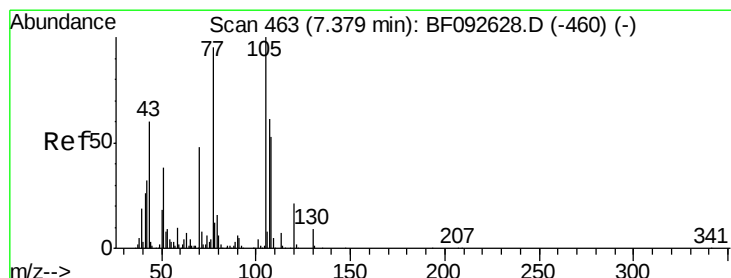
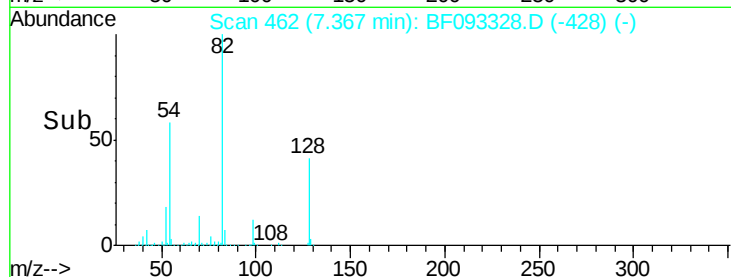
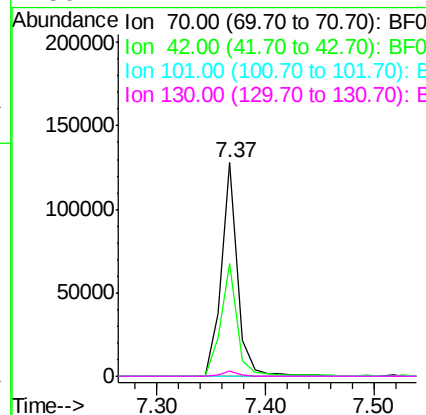
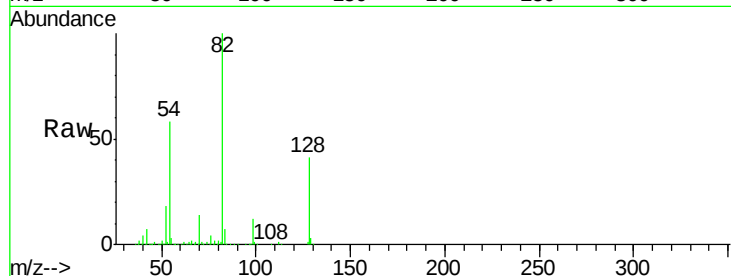




#19
n-Nitroso-di-n-propylamine
Concen: 17.83 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

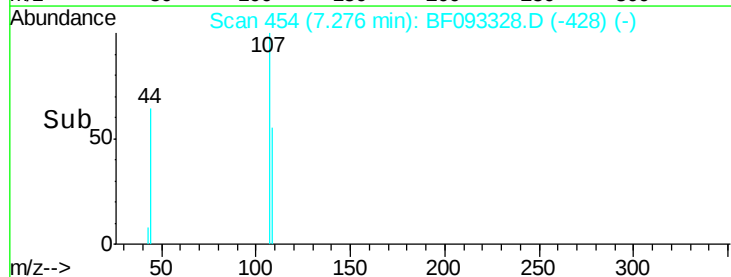
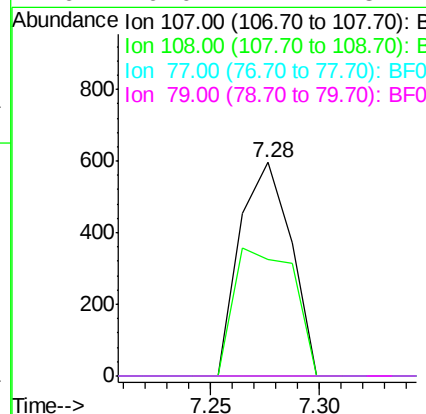
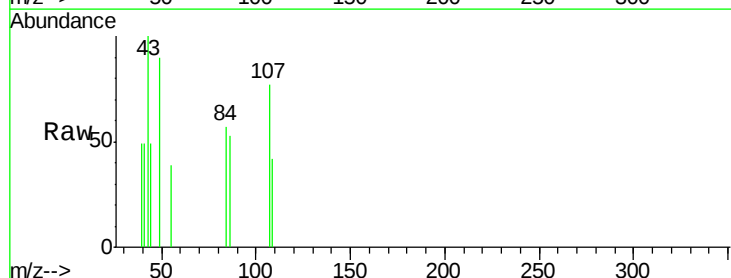
Instrument :
BNA_F
ClientSampleId :
CPS123051

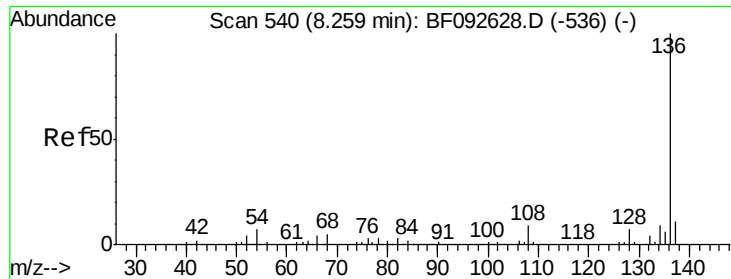
Tgt Ion: 70 Resp: 134876
Ion Ratio Lower Upper
70 100
42 52.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 0.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 107 Resp: 974
Ion Ratio Lower Upper
107 100
108 54.7 73.0 113.0#
77 0.0 71.3 111.3#
79 0.0 11.1 51.1#

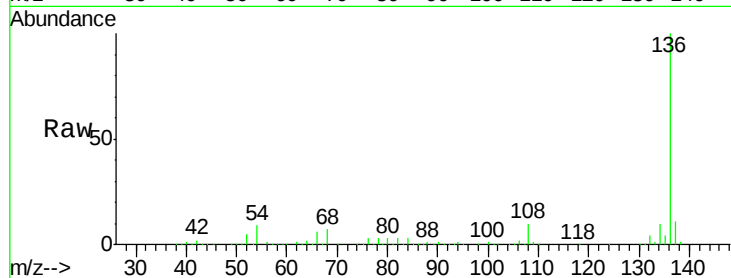




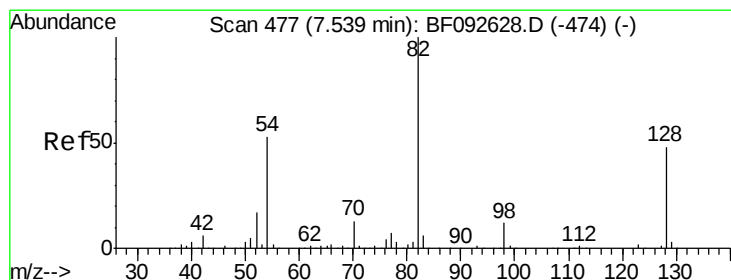
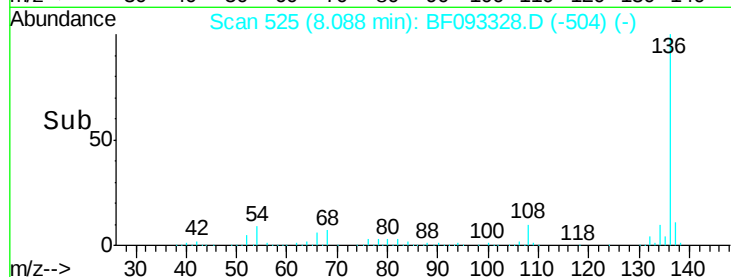
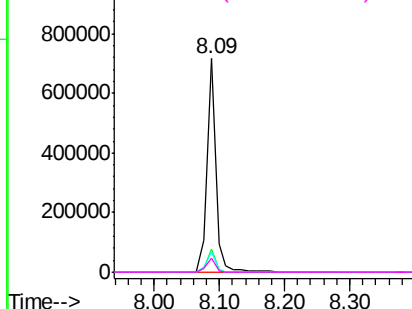
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Instrument :
BNA_F
ClientSampleId :
CPS123051

Tgt Ion:	136	Resp:	669427
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.5	4.5	6.7#
68	6.8	3.6	5.4#

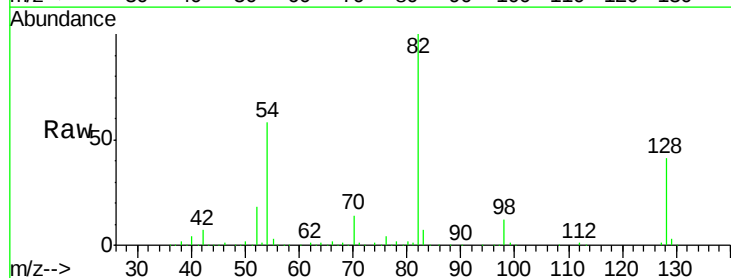


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

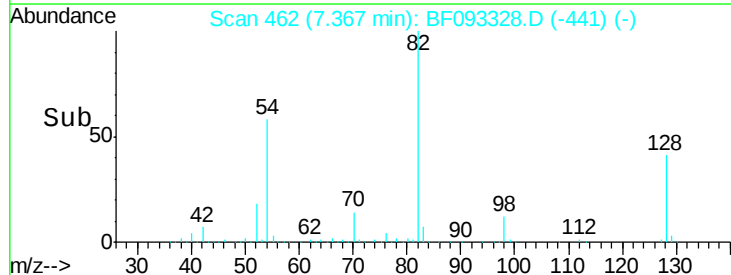
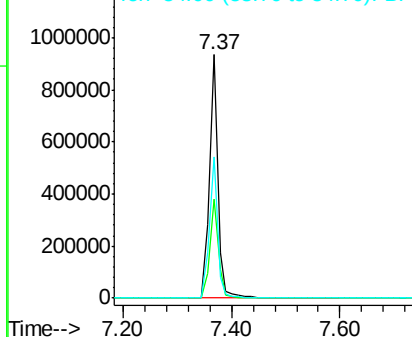


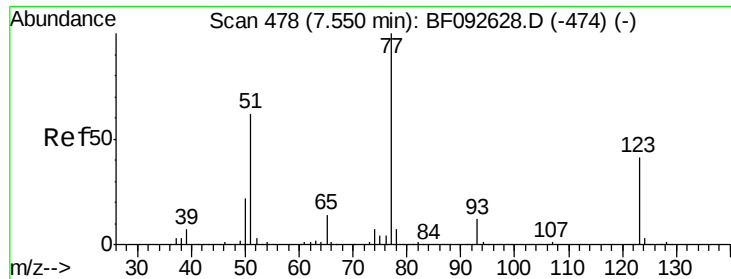
#23
Nitrobenzene-d5
Concen: 83.88 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion:	82	Resp:	1008292
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	57.8	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

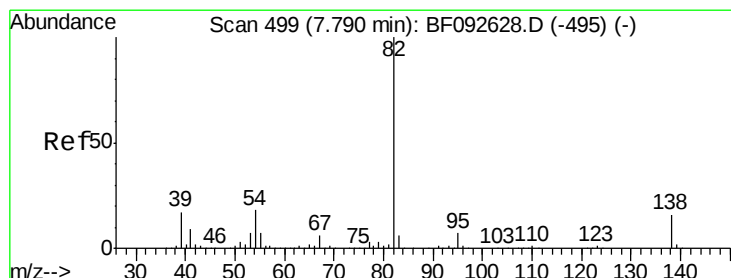
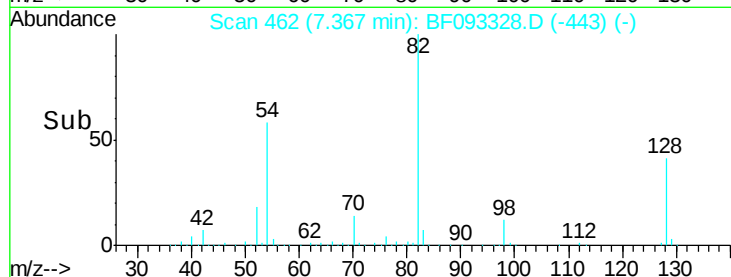
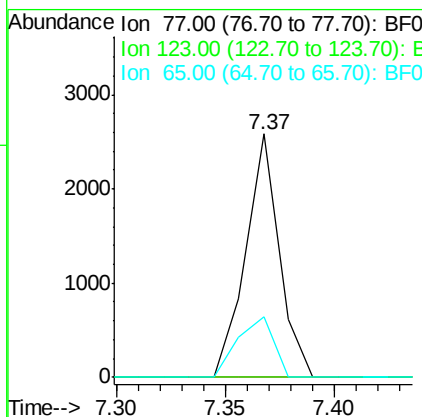
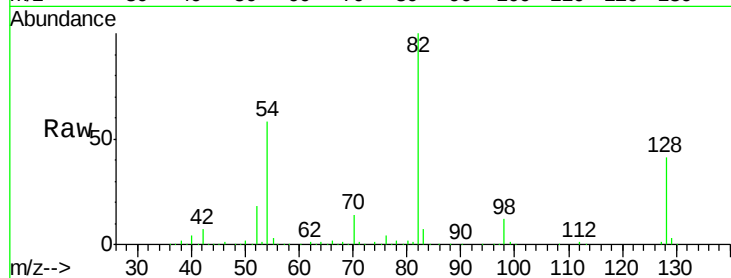




#24
Nitrobenzene
Concen: 0.22 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.08 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

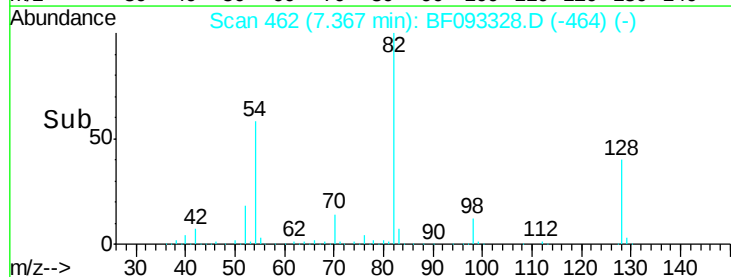
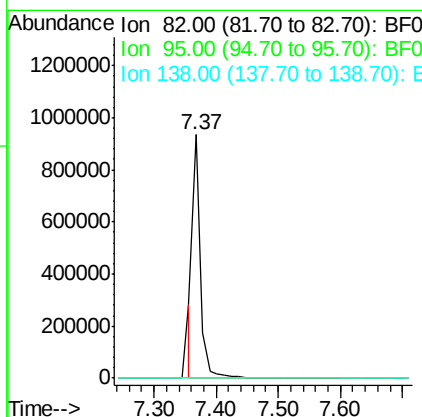
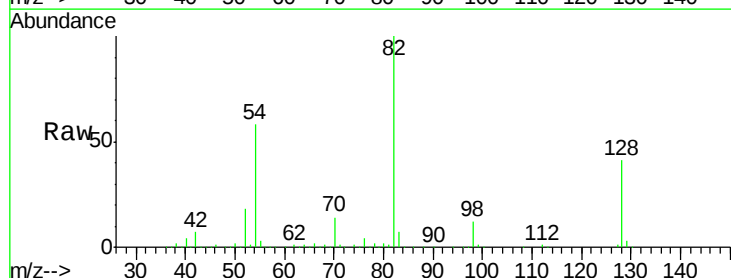
Instrument :
BNA_F
ClientSampleId :
CPS123051

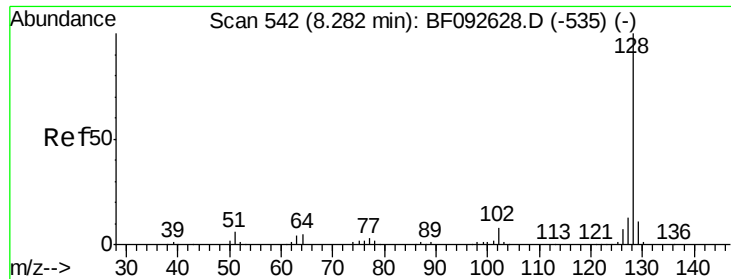
Tgt Ion: 77 Resp: 2765
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.4#
65 25.0 11.2 16.8#



#25
Isophorone
Concen: 36.09 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.32 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 82 Resp: 808387
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

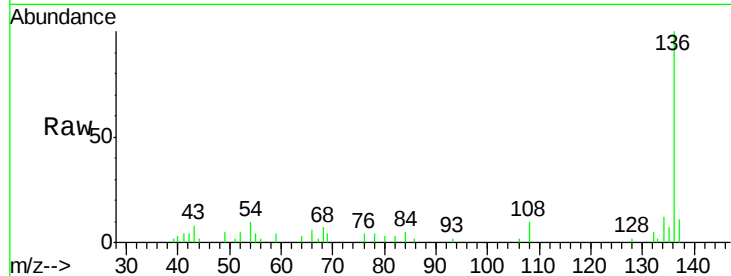




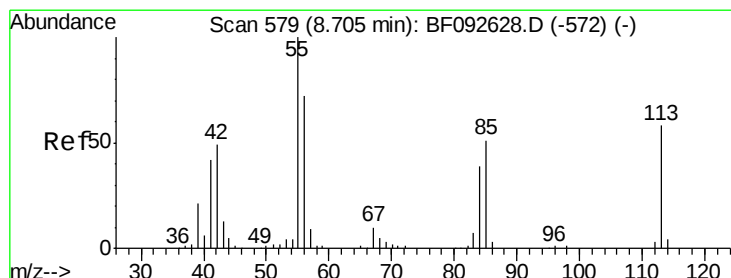
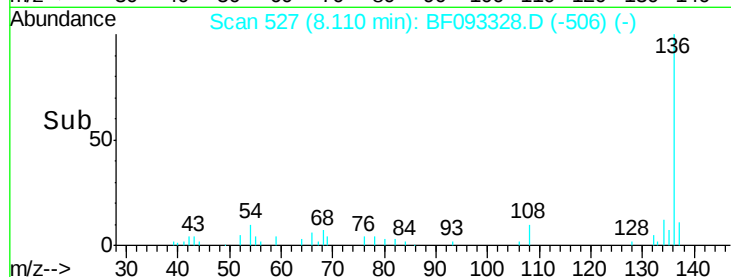
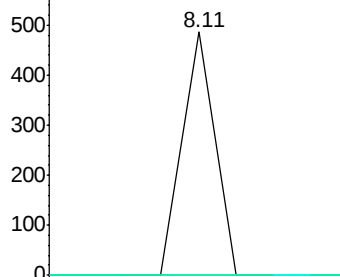
#31
Naphthalene
Concen: 0.01 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Instrument :
BNA_F
ClientSampleId :
CPS123051

Tgt Ion:128 Resp: 334
Ion Ratio Lower Upper
128 100
129 0.0 9.5 14.3#
127 0.0 10.8 16.2#

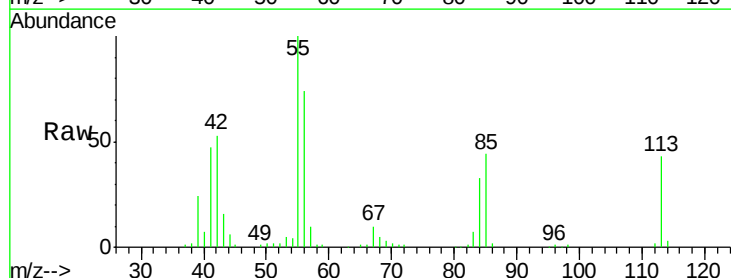


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

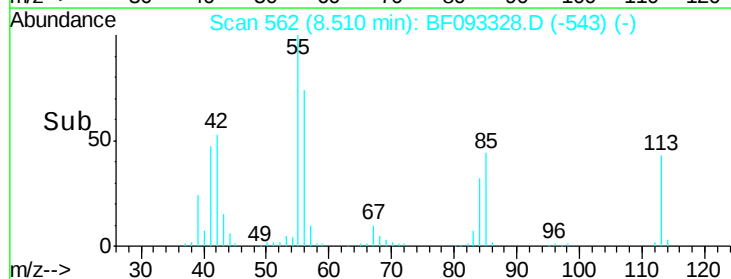
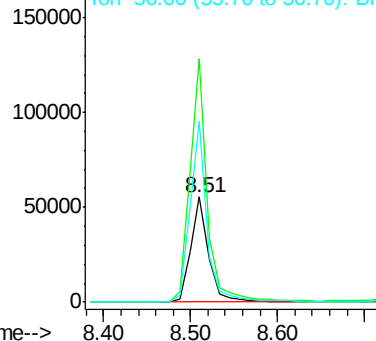


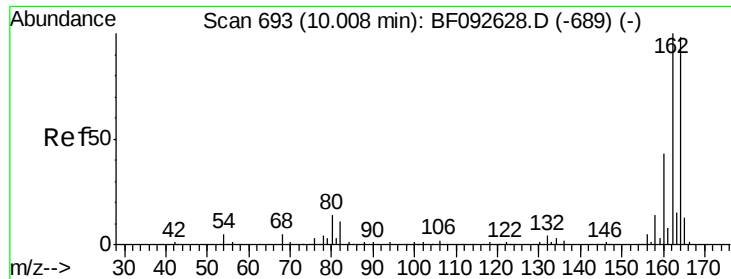
#35
Caprolactam
Concen: 26.51 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.08 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion:113 Resp: 80153
Ion Ratio Lower Upper
113 100
55 231.8 119.2 159.2#
56 171.6 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

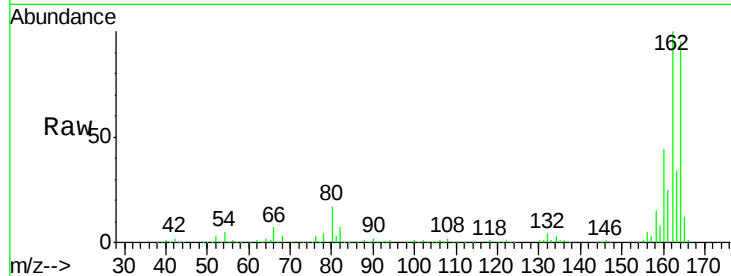




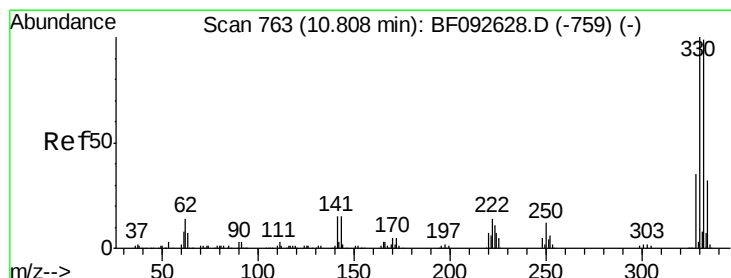
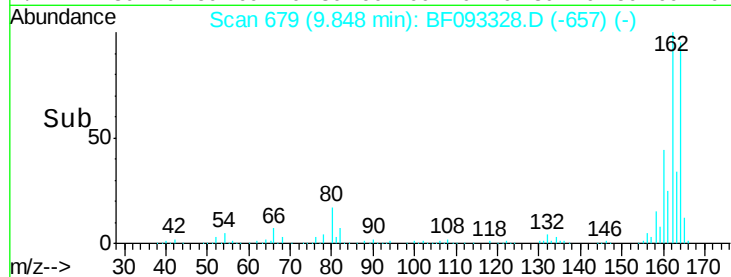
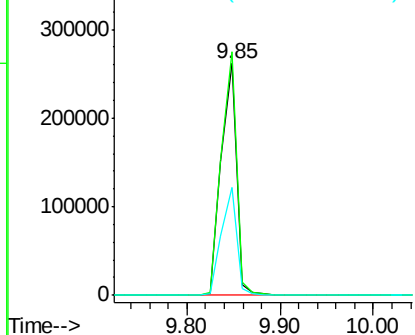
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

Tgt Ion:164 Resp: 297899
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 46.3 36.9 55.3

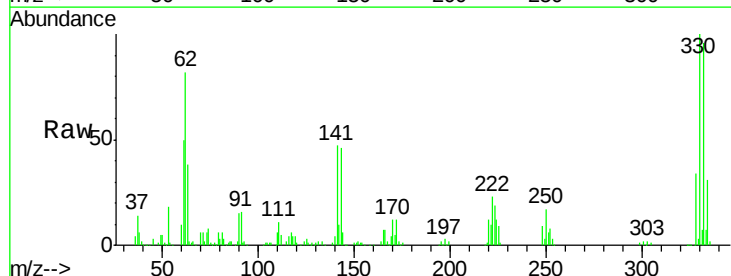


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

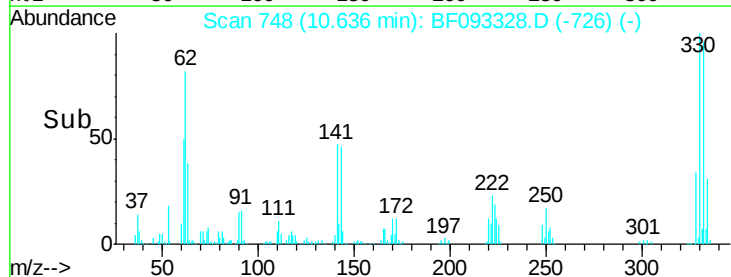
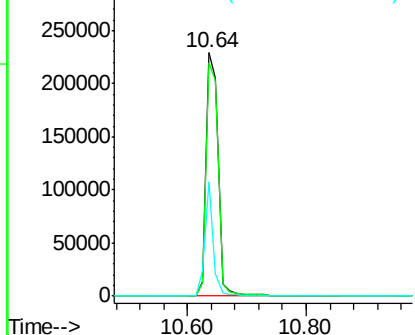


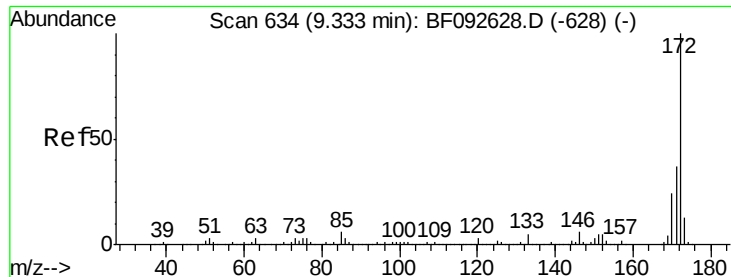
#41
 2,4,6-Tribromophenol
 Concen: 152.14 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Tgt Ion:330 Resp: 327794
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 34.4 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

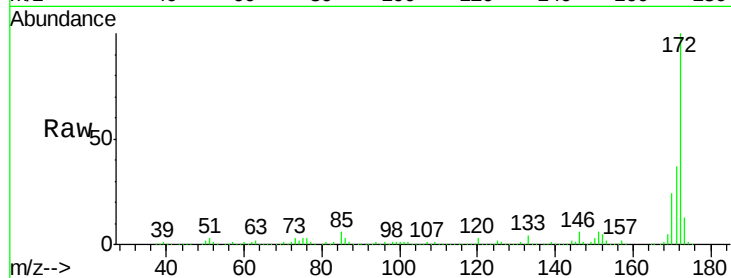




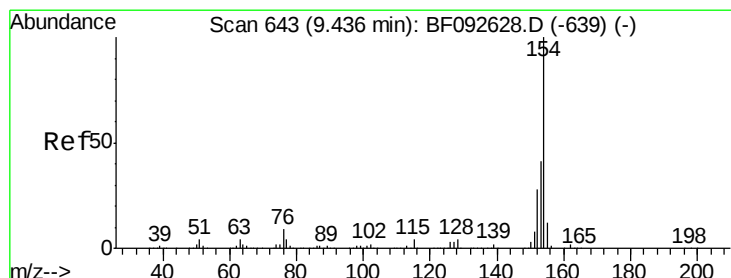
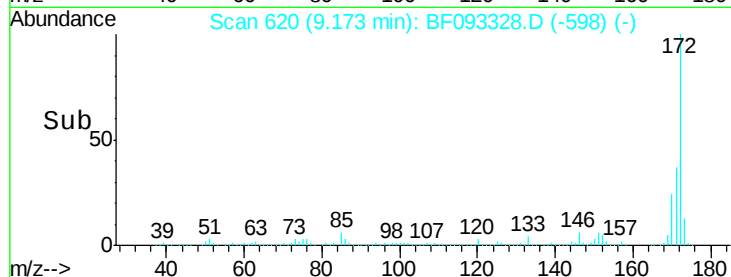
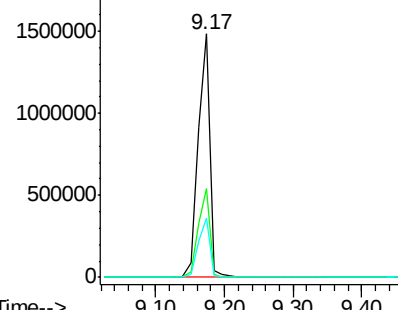
#44
 2-Fluorobiphenyl
 Concen: 107.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 CPS123051

Tgt Ion:172 Resp: 1769218
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.2 30.4

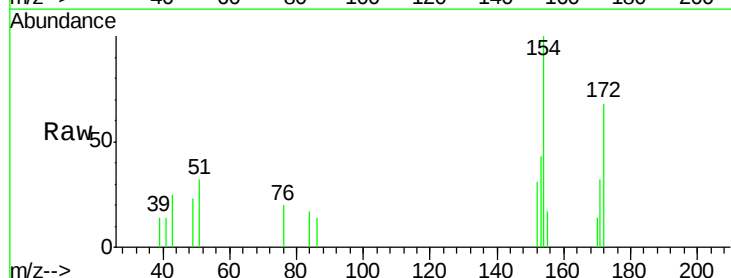


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

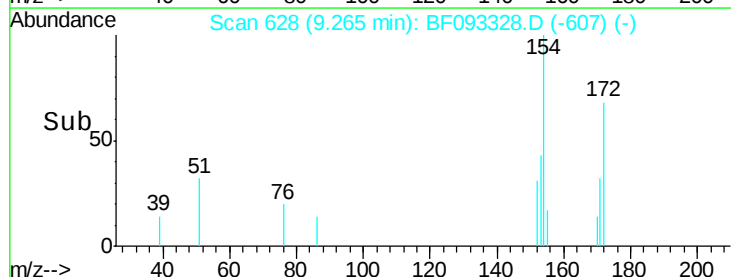
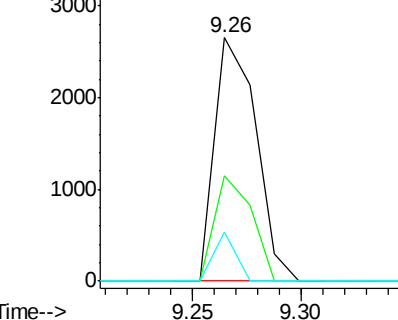


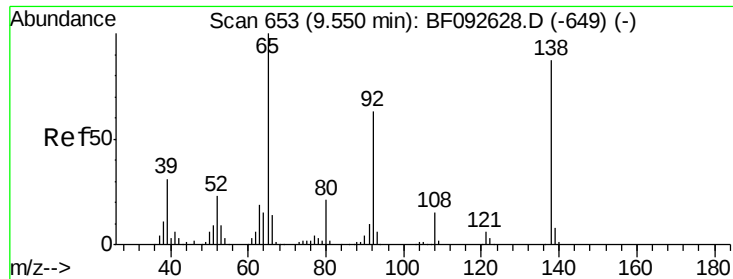
#45
 1,1'-Biphenyl
 Concen: 0.16 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.06 min
 Lab File: BF093328.D
 Acq: 2 Mar 2017 18:42

Tgt Ion:154 Resp: 3493
 Ion Ratio Lower Upper
 154 100
 153 43.5 20.9 60.9
 76 20.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

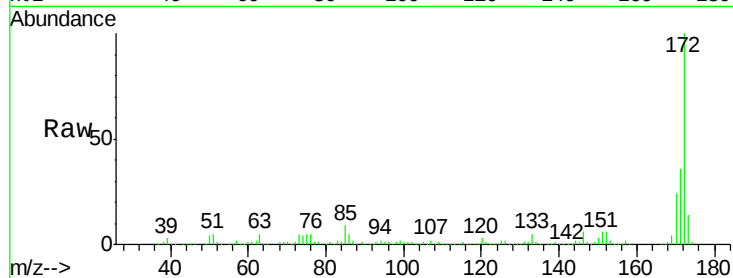




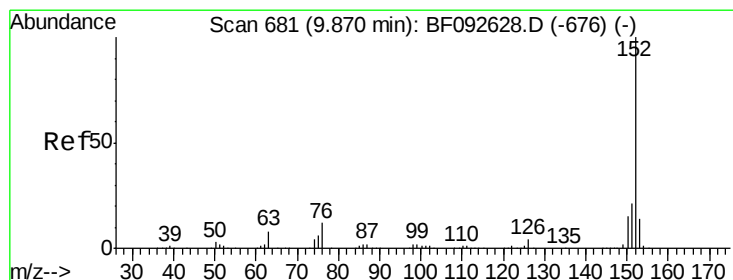
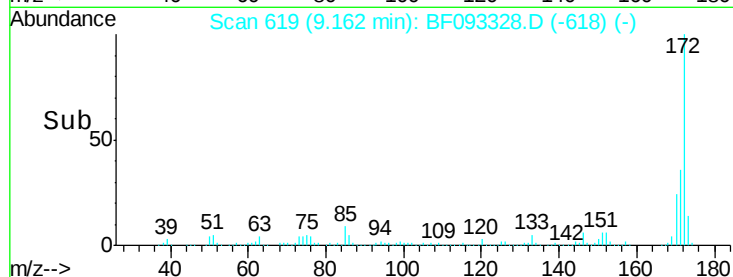
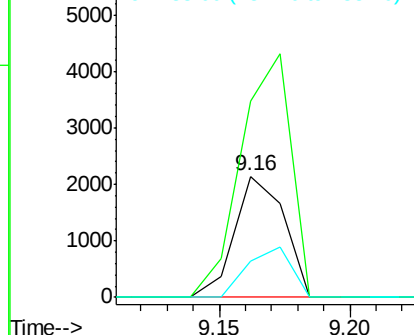
#47
2-Nitroaniline
Concen: 0.51 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.29 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Instrument :
BNA_F
ClientSampleId :
CPS123051

Tgt Ion: 65 Resp: 2877
Ion Ratio Lower Upper
65 100
92 161.8 53.9 80.9#
138 30.2 76.8 115.2#

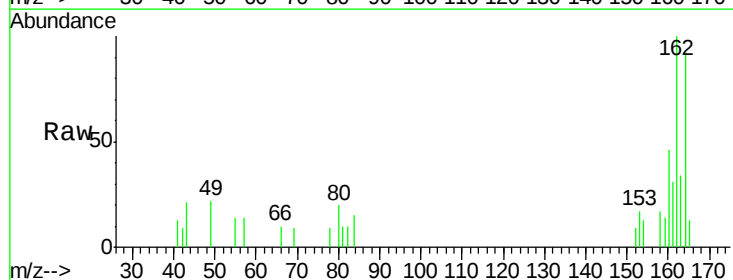


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

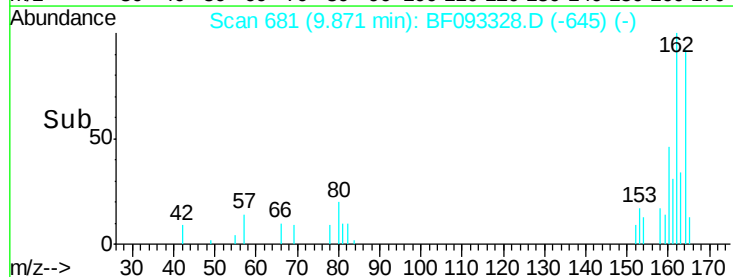
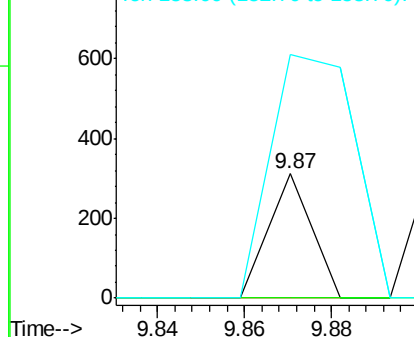


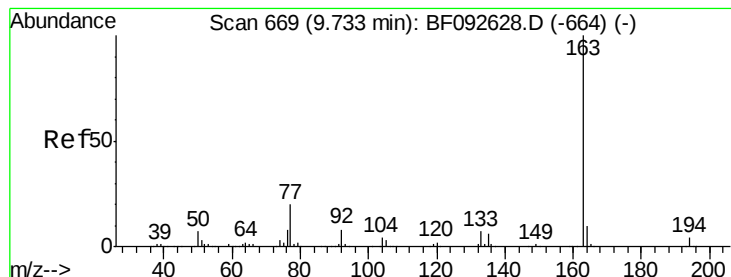
#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.11 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 152 Resp: 213
Ion Ratio Lower Upper
152 100
151 0.0 16.9 25.3#
153 196.1 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.75 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

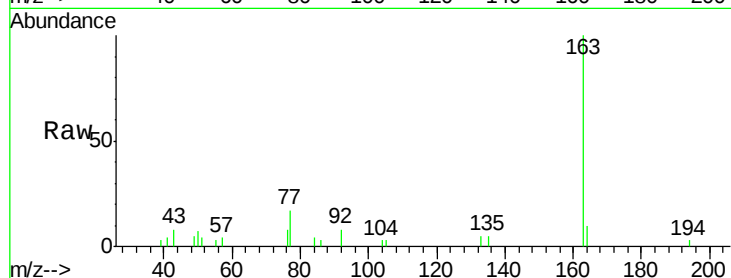
Tgt Ion:163 Resp: 15109

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

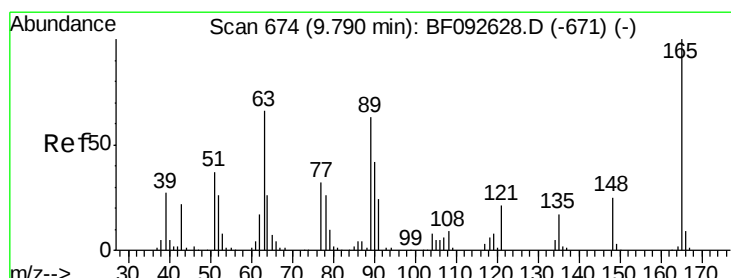
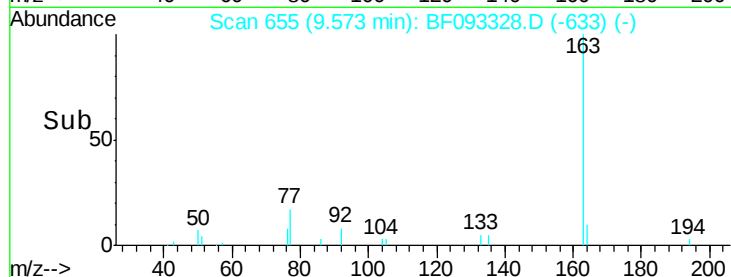
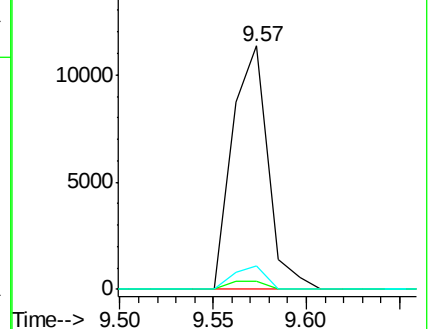
164 9.8 8.0 12.0



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: 8.69 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.16 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

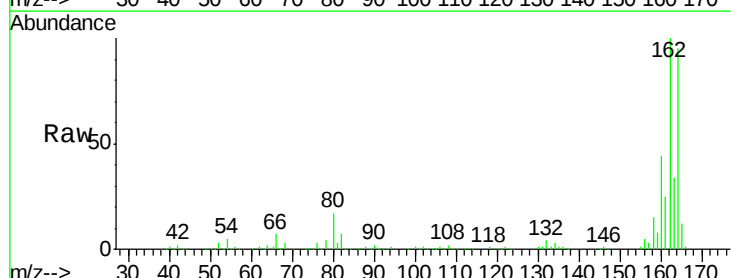
Tgt Ion:165 Resp: 37638

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

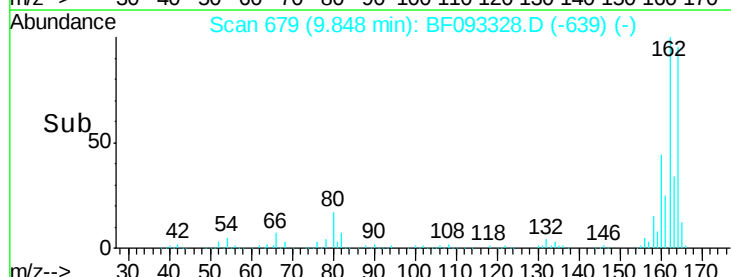
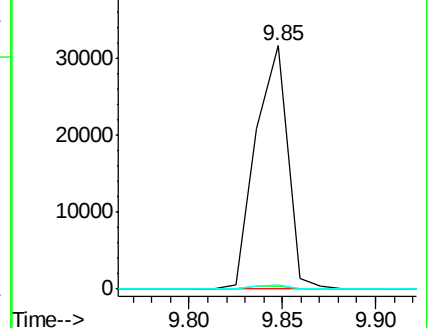
89 1.6 40.2 60.4#

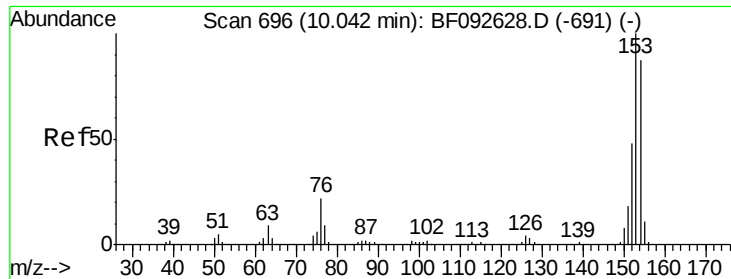


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.09 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.08 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

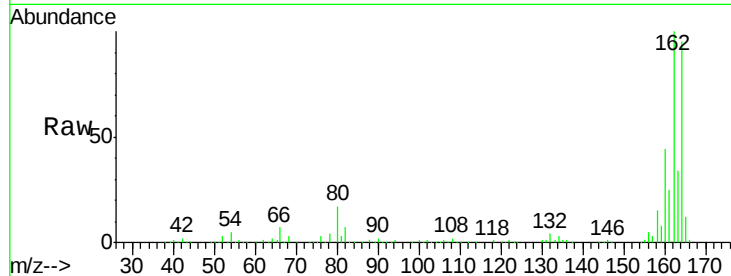
Tgt Ion:154 Resp: 1640

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

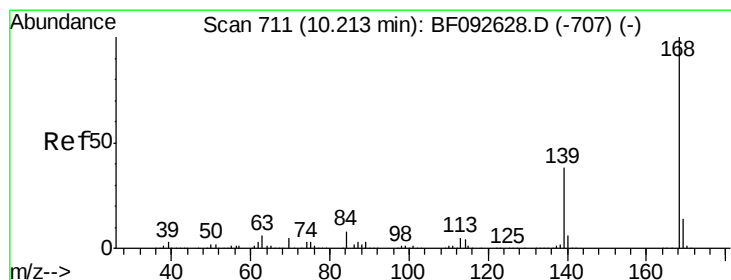
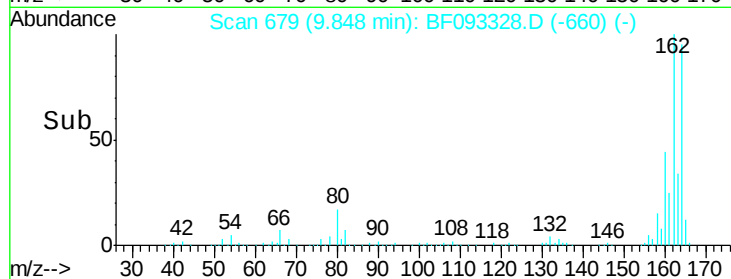
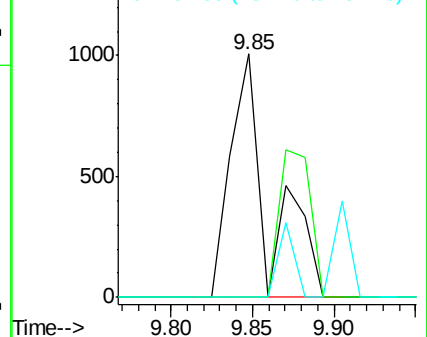
152 0.0 41.6 62.4#



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



#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

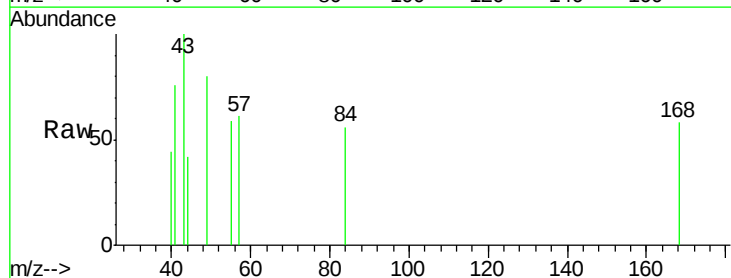
Tgt Ion:168 Resp: 545

Ion Ratio Lower Upper

168 100

139 0.0 32.6 49.0#

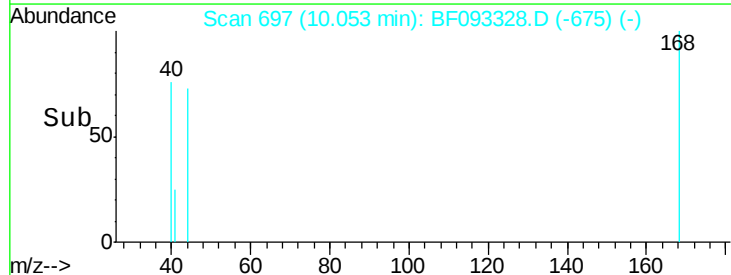
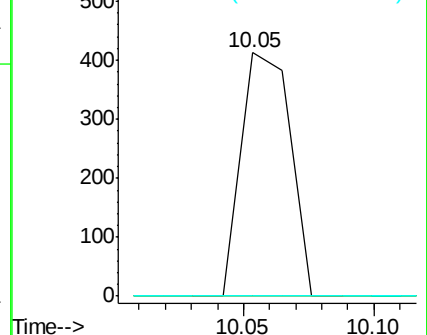
169 0.0 11.3 16.9#

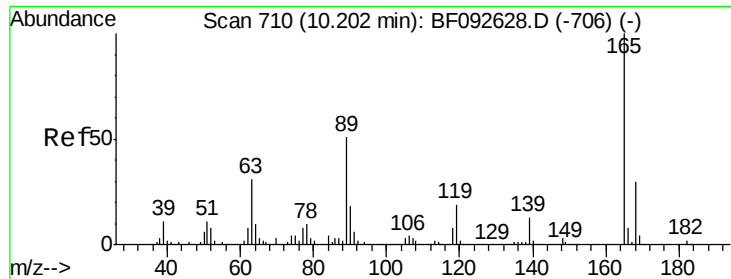


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

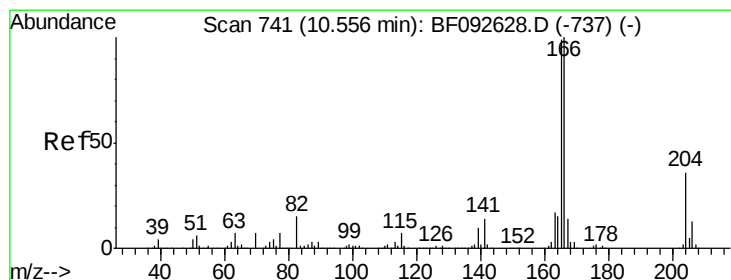
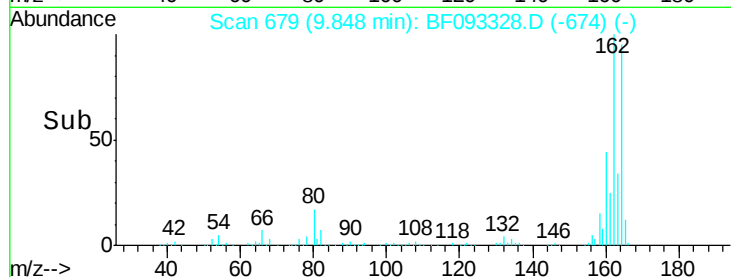
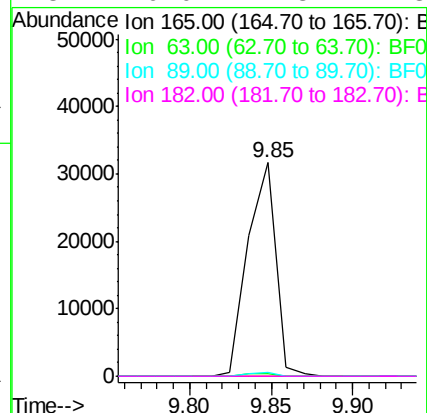
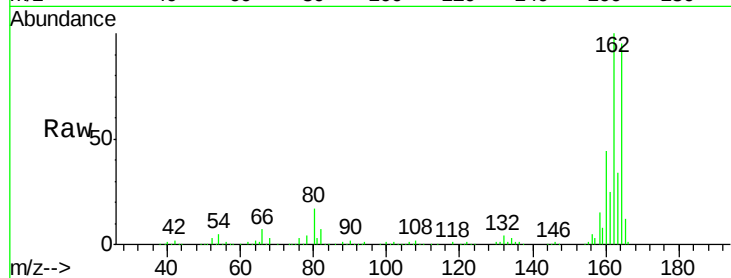




#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

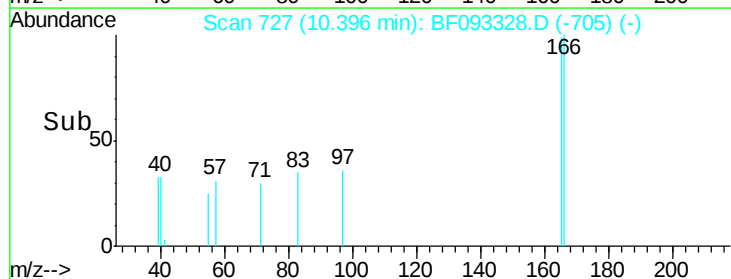
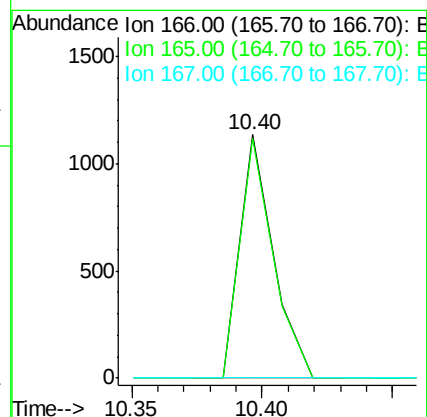
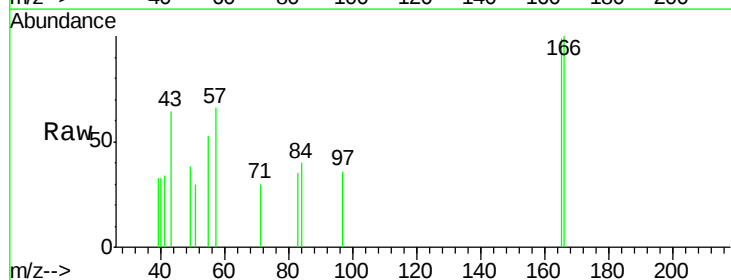
Instrument :
BNA_F
ClientSampleId :
CPS123051

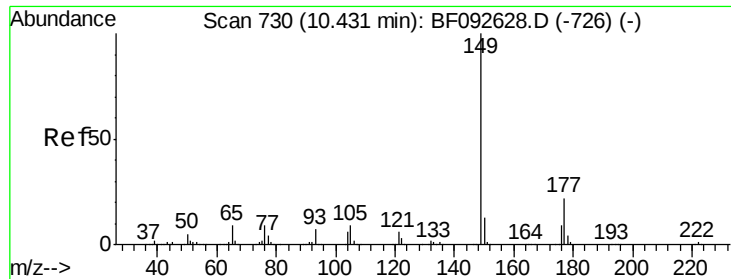
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#



#57
Fluorene
Concen: 0.06 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	0.0	10.8	16.2#

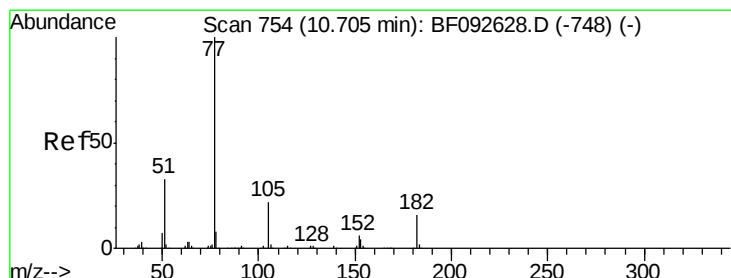
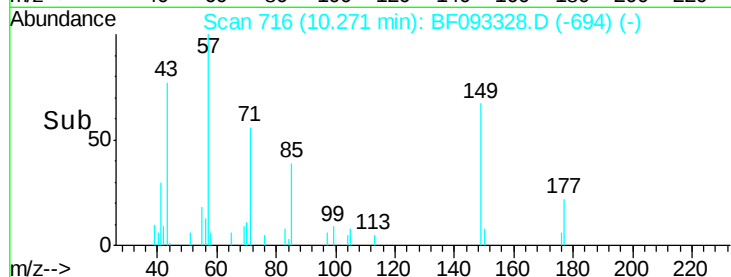
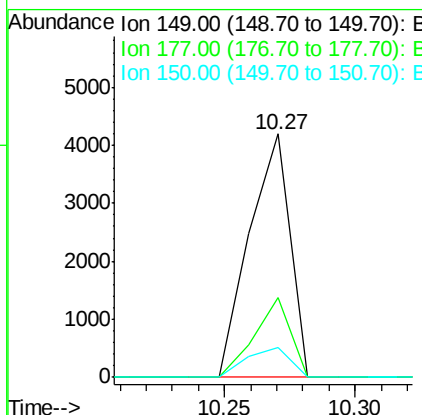
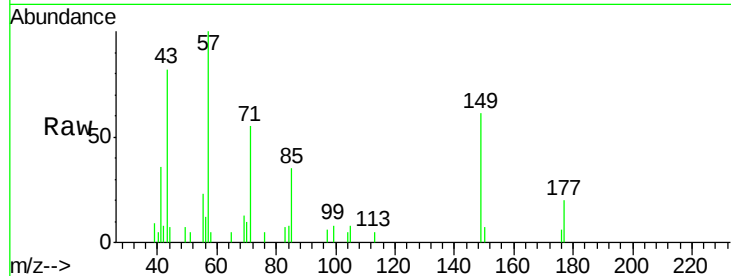




#59
Diethylphthalate
Concen: 0.24 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

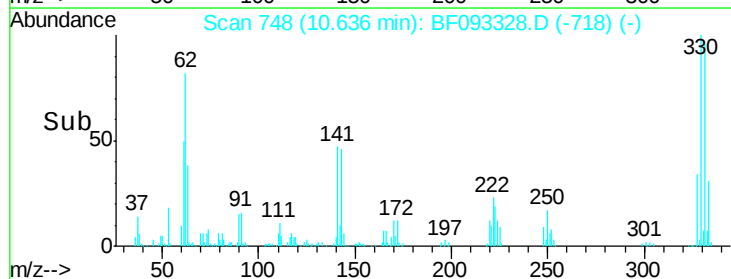
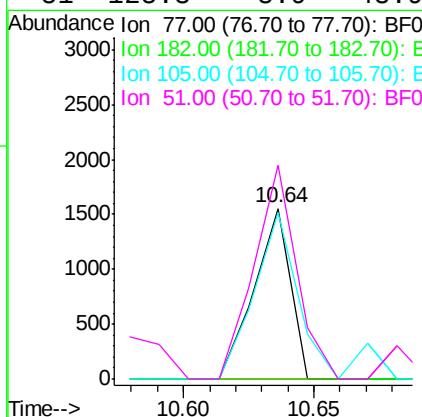
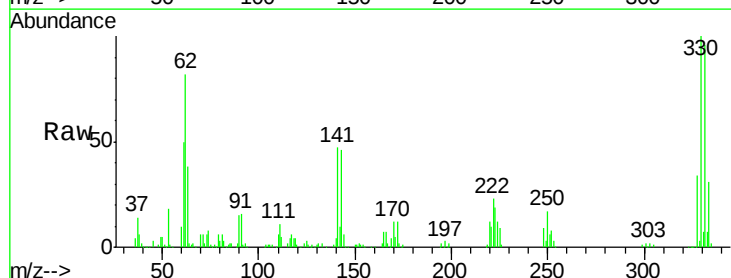
Instrument :
BNA_F
ClientSampleId :
CPS123051

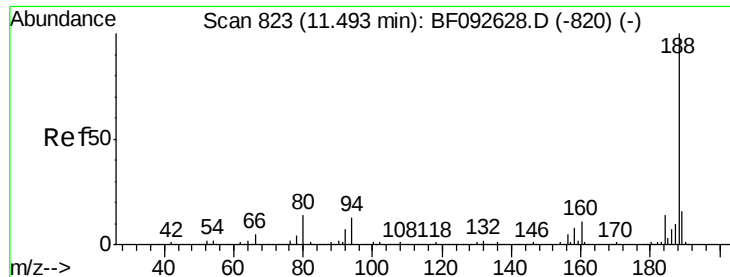
Tgt Ion: 149 Resp: 4585
Ion Ratio Lower Upper
149 100
177 32.6 16.6 25.0#
150 12.1 10.4 15.6



#62
Azobenzene
Concen: 0.08 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 77 Resp: 1516
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.3
105 97.5 2.3 42.3#
51 125.3 8.9 48.9#

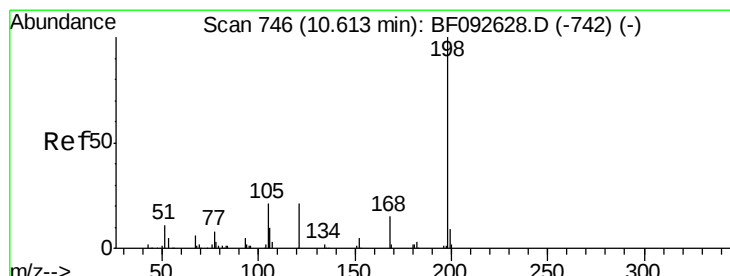
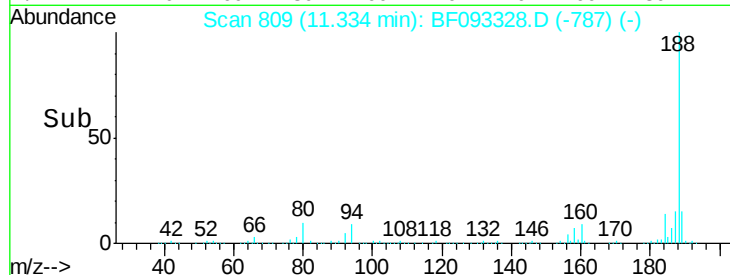
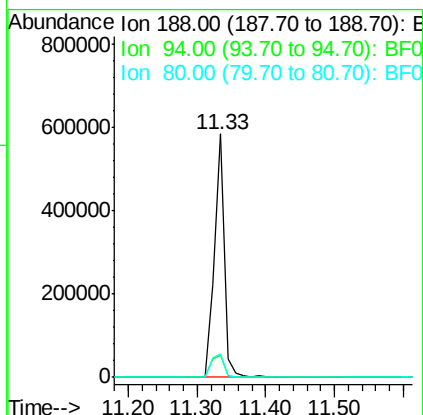
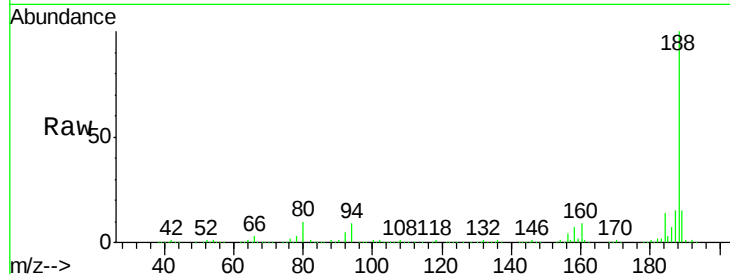




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

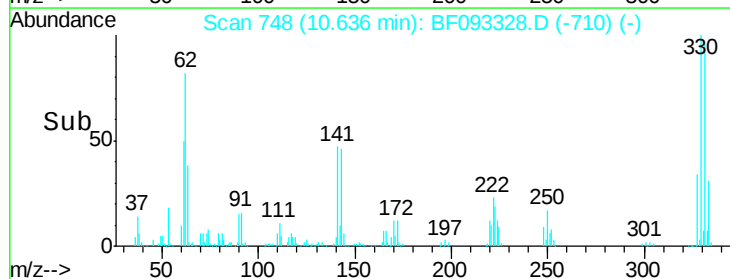
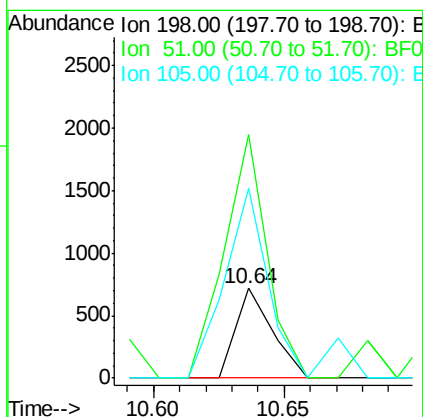
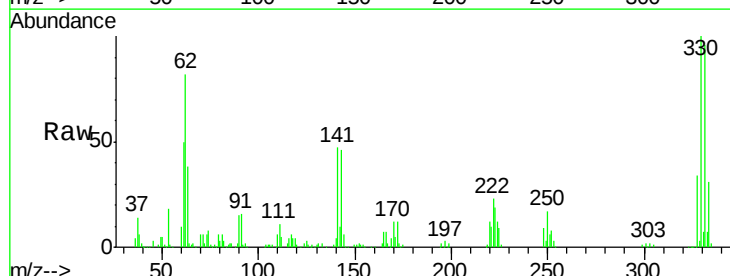
Instrument :
BNA_F
ClientSampleId :
CPS123051

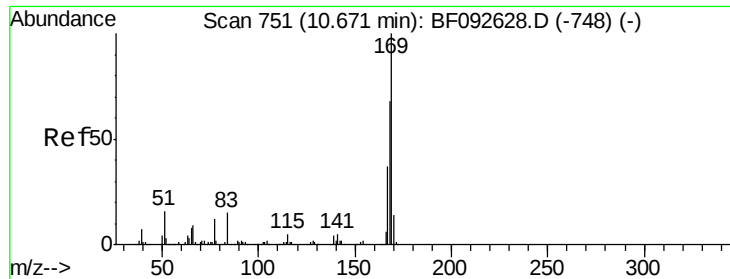
Tgt Ion:188 Resp: 601208
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.8 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion:198 Resp: 699
Ion Ratio Lower Upper
198 100
51 271.9 6.7 46.7#
105 211.6 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 0.52 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.08 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

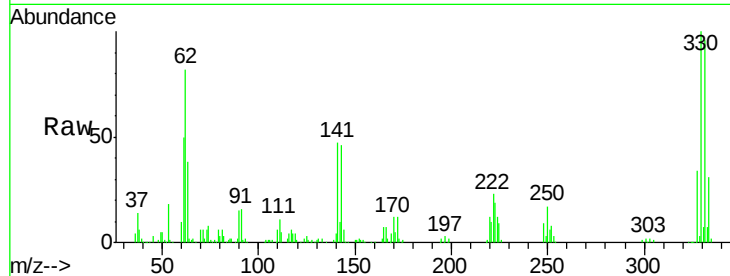
Tgt Ion:169 Resp: 10031

Ion Ratio Lower Upper

169 100

168 9.4 54.2 81.2#

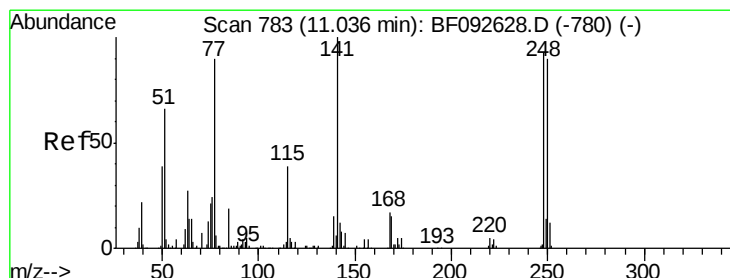
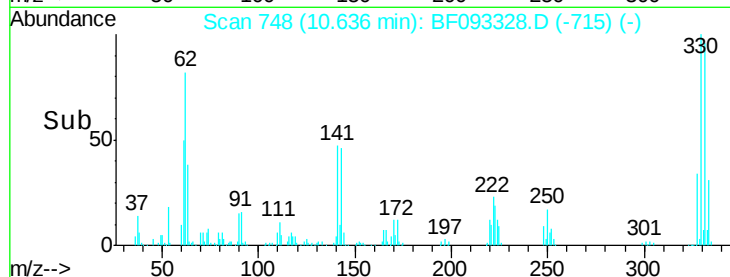
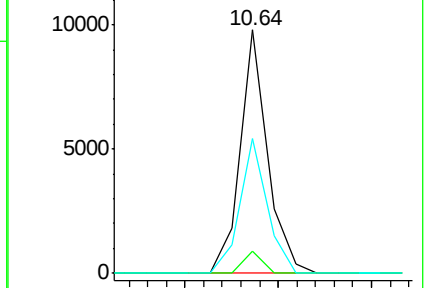
167 55.4 30.2 45.4#



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: 3.68 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

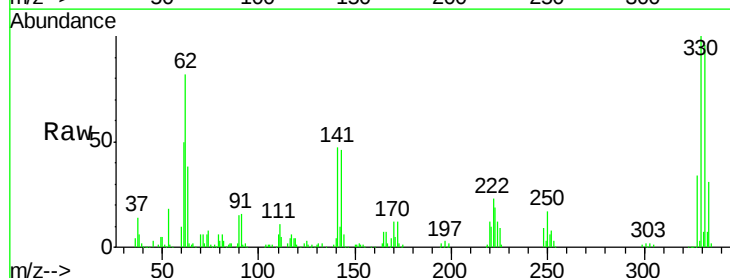
Tgt Ion:248 Resp: 23096

Ion Ratio Lower Upper

248 100

250 190.8 76.9 115.3#

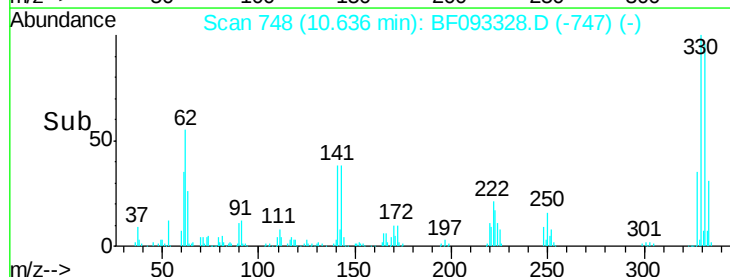
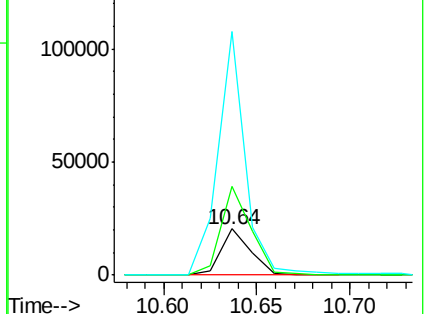
141 524.8 68.2 102.4#

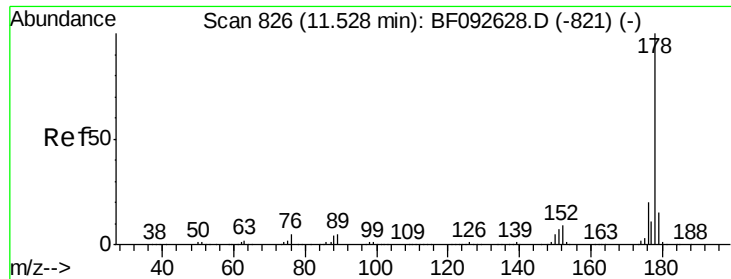


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

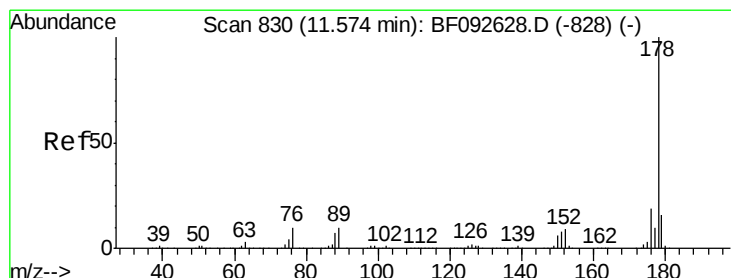
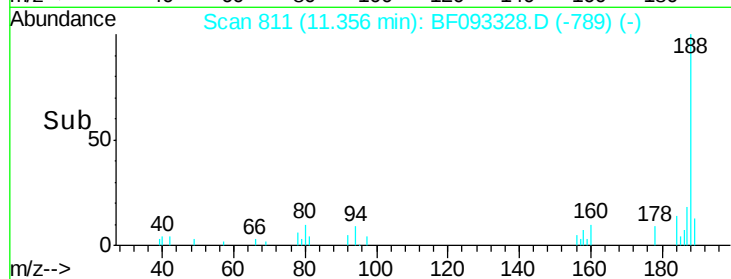
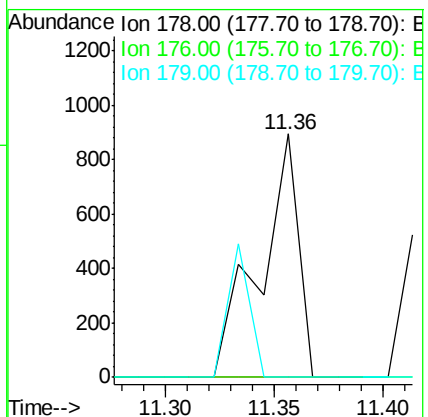
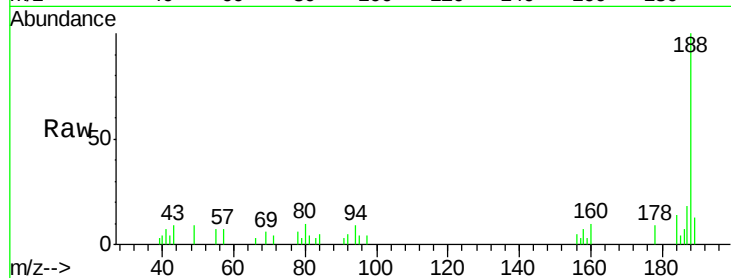




#70
Phenanthrene
Concen: 0.03 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

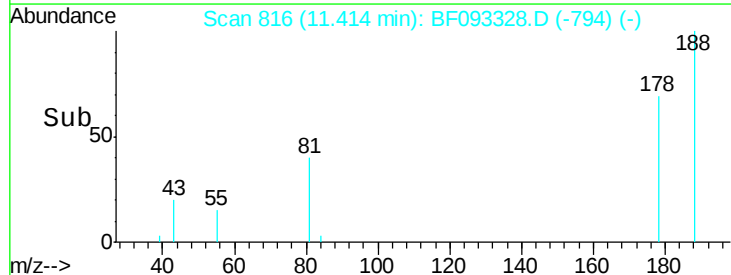
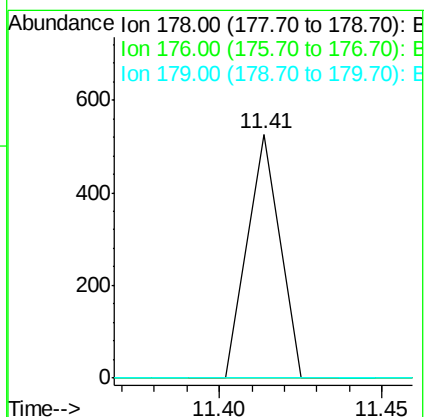
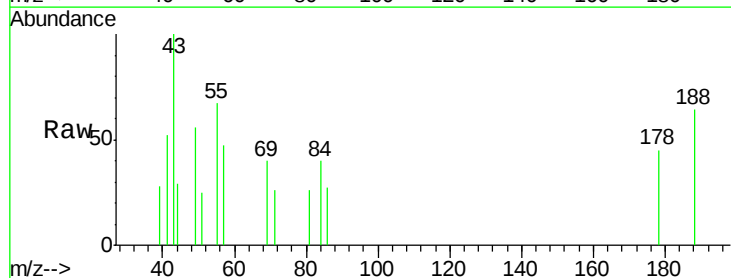
Instrument :
BNA_F
ClientSampleId :
CPS123051

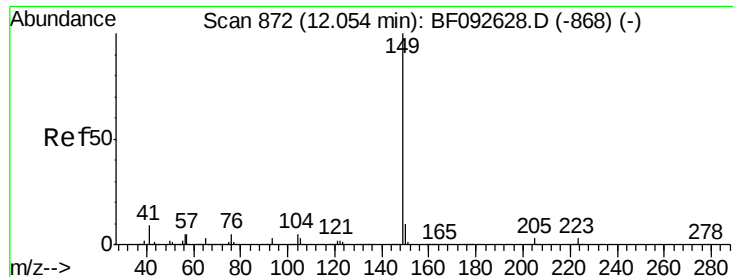
Tgt Ion:178 Resp: 1107
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 0.0 12.8 19.2#



#71
Anthracene
Concen: 0.01 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion:178 Resp: 361
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 0.0 13.2 19.8#





#73

Di-n-butylphthalate

Concen: 0.12 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

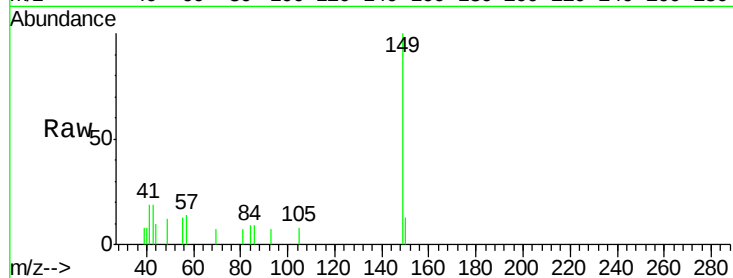
Tgt Ion:149 Resp: 4174

Ion Ratio Lower Upper

149 100

150 13.1 8.1 12.1#

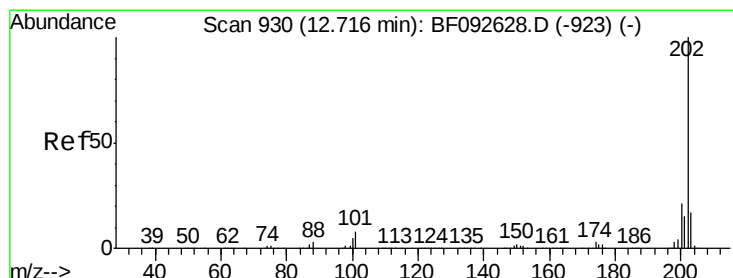
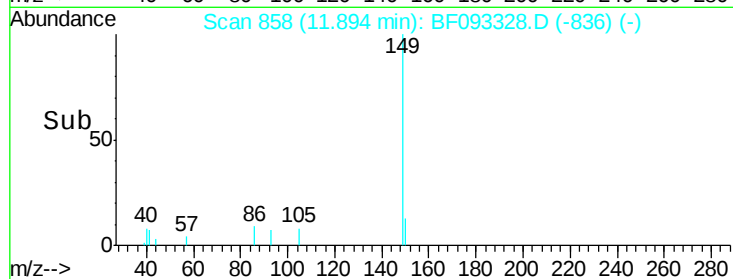
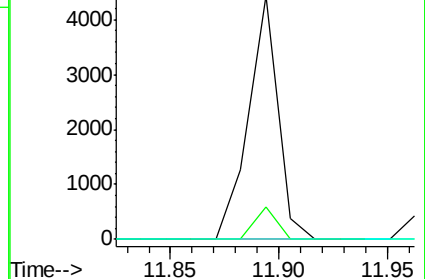
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

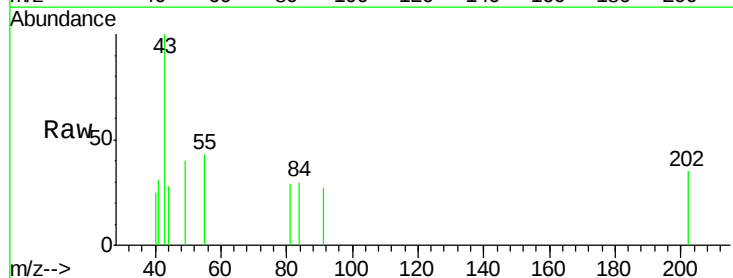
Tgt Ion:202 Resp: 299

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

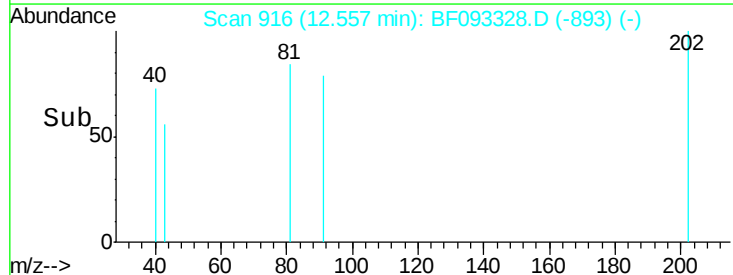
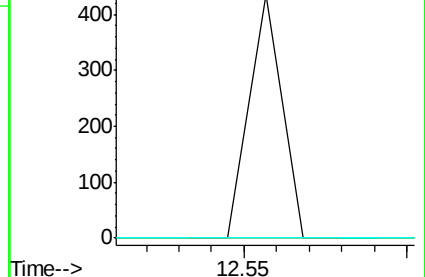
203 0.0 0.0 38.7

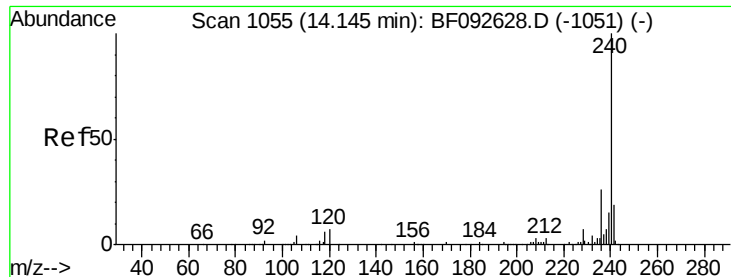


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

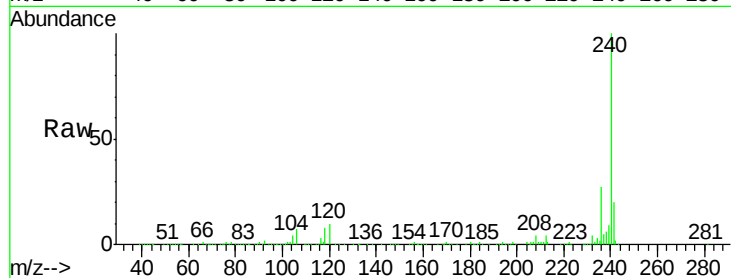
Tgt Ion:240 Resp: 501899

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

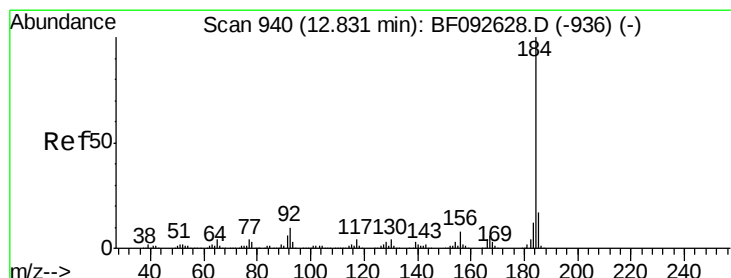
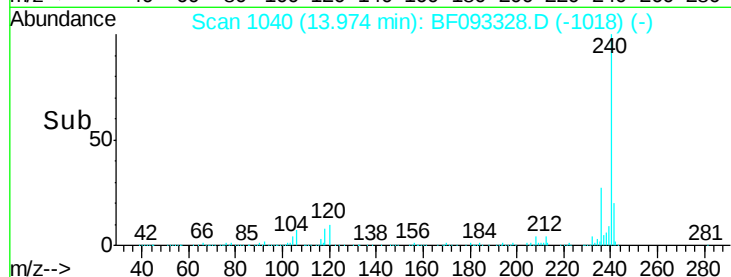
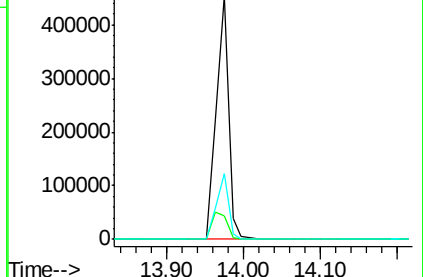
236 26.7 20.9 31.3



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: 1.06 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.21 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

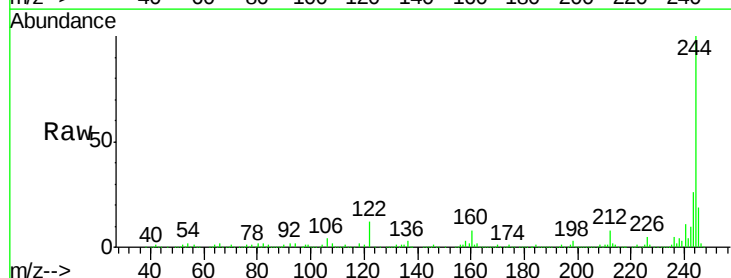
Tgt Ion:184 Resp: 22749

Ion Ratio Lower Upper

184 100

185 18.3 13.4 20.0

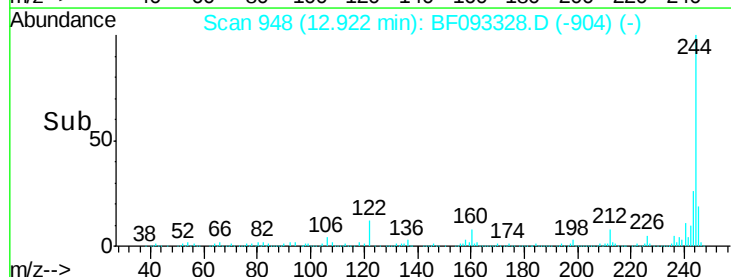
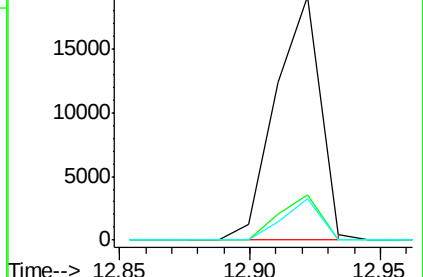
183 16.9 9.2 13.8#

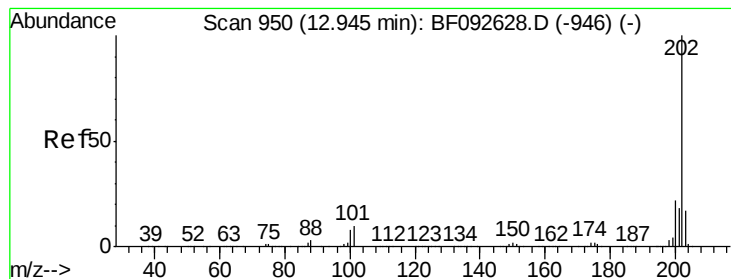


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.02 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

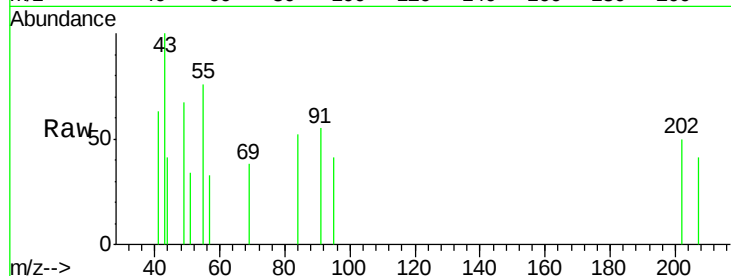
Tgt Ion: 202 Resp: 621

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

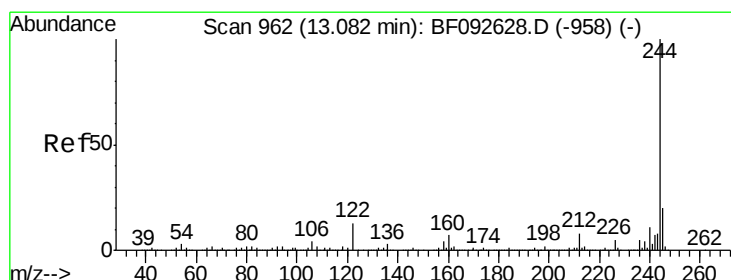
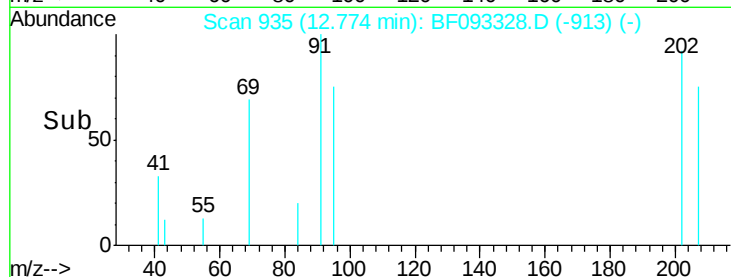
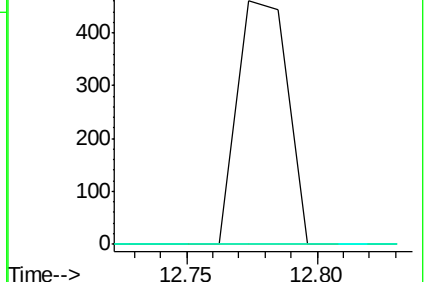
203 0.0 14.7 22.1#



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: 74.60 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

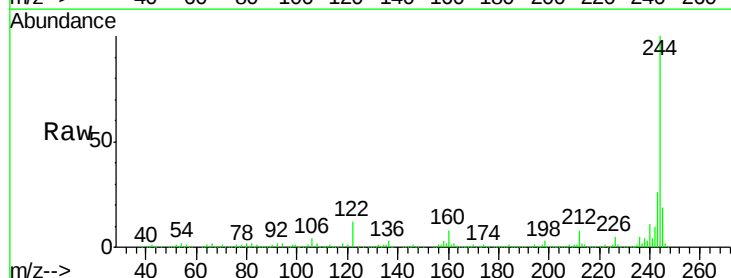
Tgt Ion: 244 Resp: 1593496

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

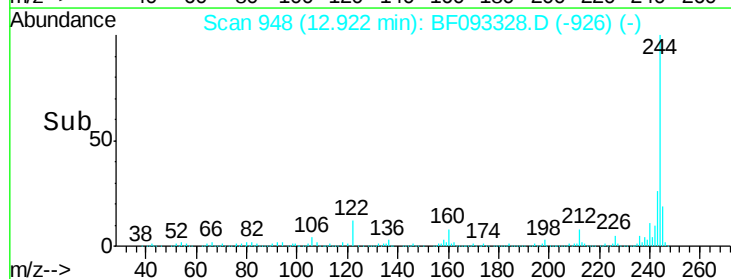
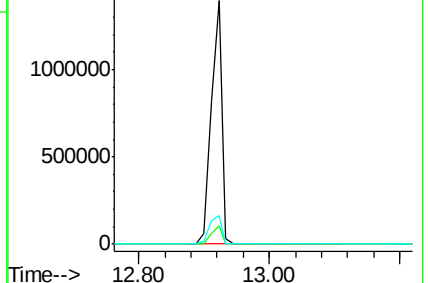
122 11.5 11.4 17.2

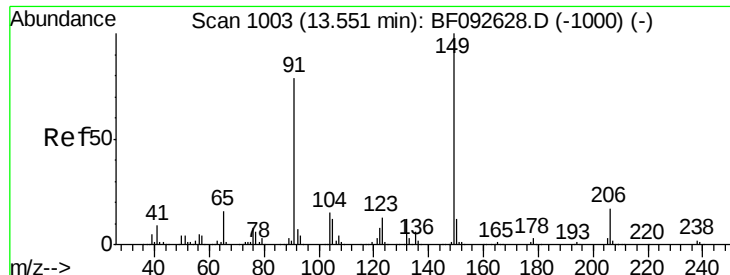


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

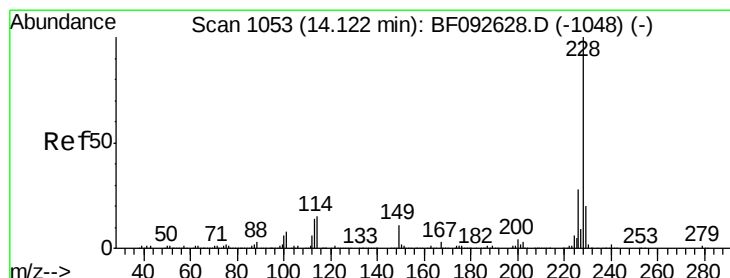
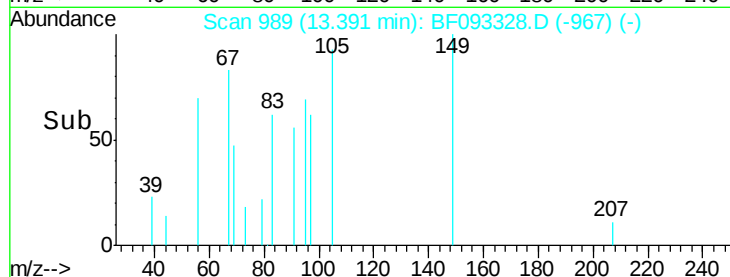
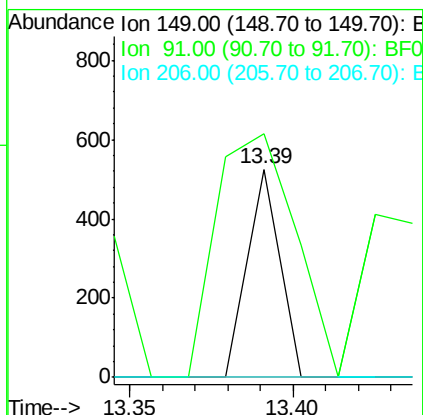
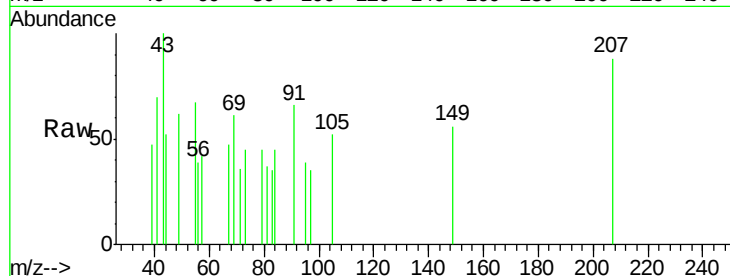




#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

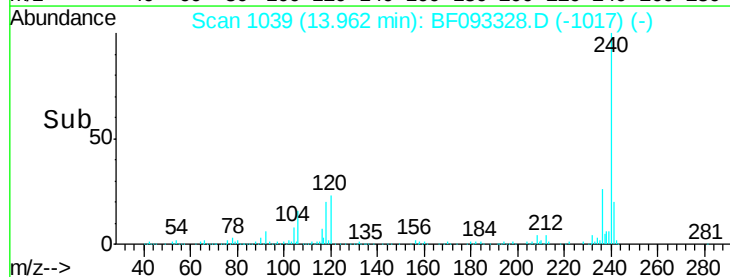
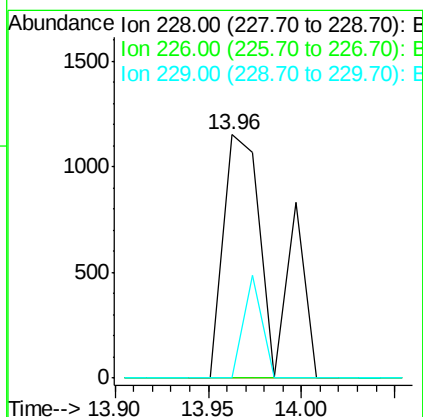
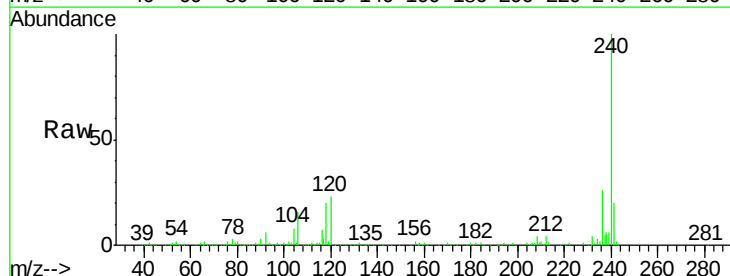
Instrument :
BNA_F
ClientSampleId :
CPS123051

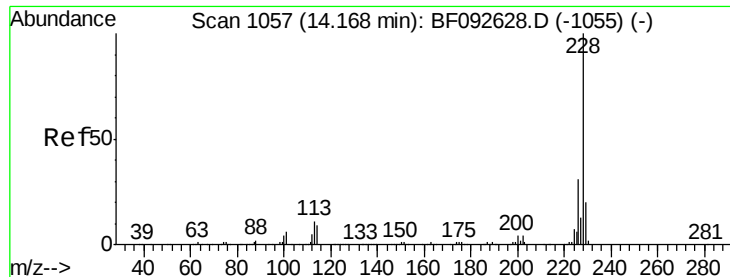
Tgt Ion: 149 Resp: 360
Ion Ratio Lower Upper
149 100
91 117.0 63.9 95.9#
206 0.0 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093328.D
Acq: 2 Mar 2017 18:42

Tgt Ion: 228 Resp: 2090
Ion Ratio Lower Upper
228 100
226 0.0 22.4 33.6#
229 0.0 16.2 24.4#





#82

Chrysene

Concen: 0.07 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.08 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

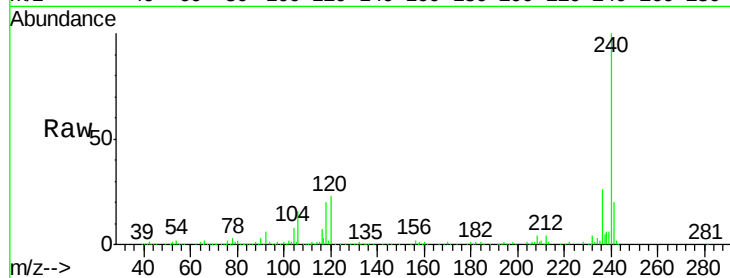
Tgt Ion:228 Resp: 2090

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

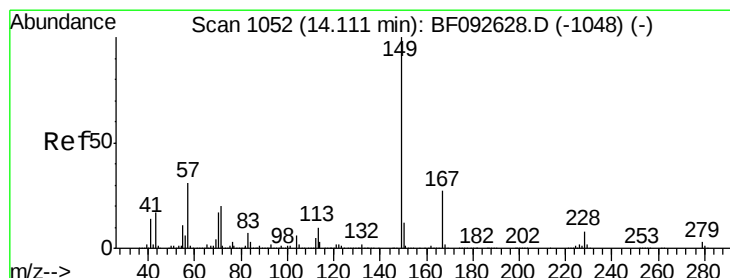
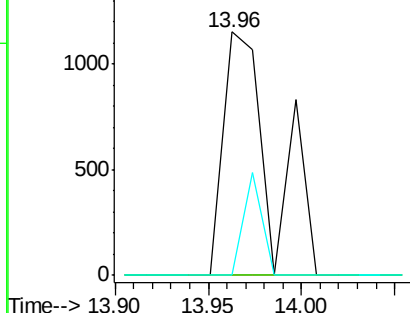
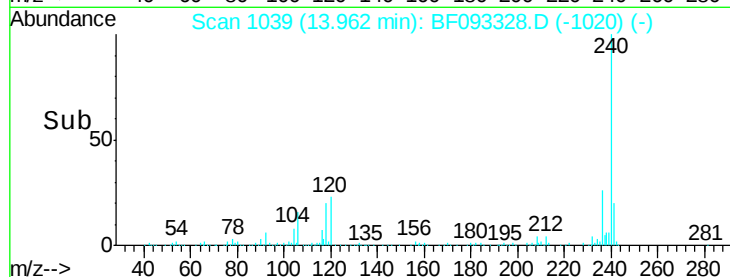
229 0.0 16.2 24.2#



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: 0.70 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

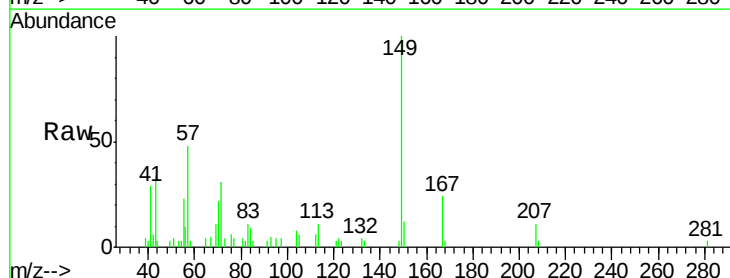
Tgt Ion:149 Resp: 14596

Ion Ratio Lower Upper

149 100

167 23.9 20.2 30.4

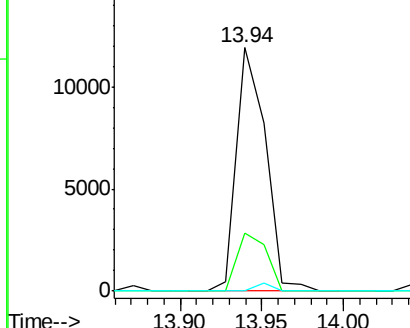
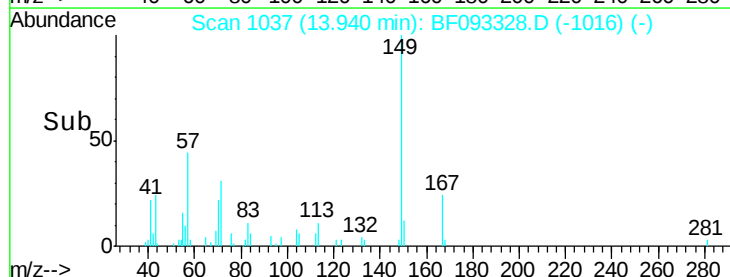
279 0.0 1.8 2.8#

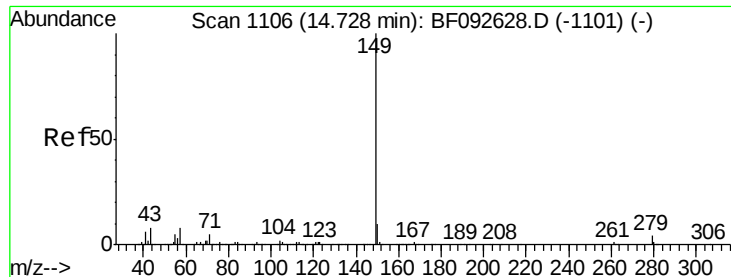


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

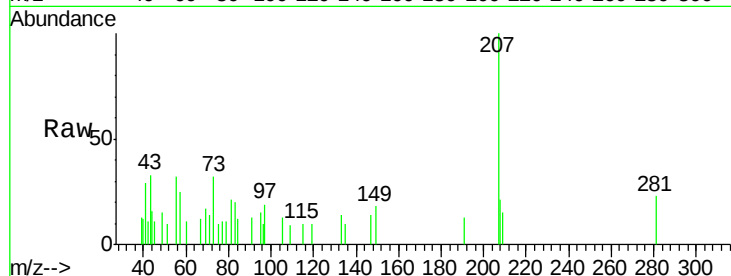
Tgt Ion:149 Resp: 667

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

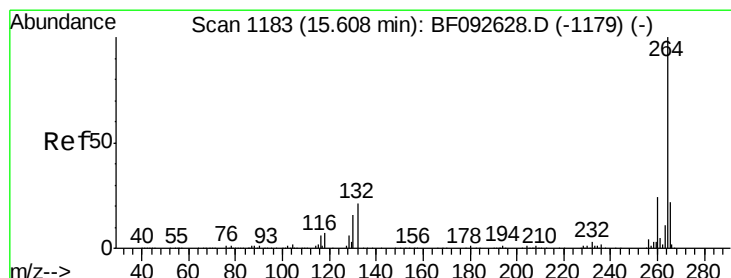
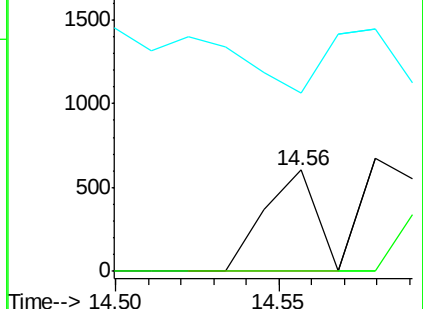
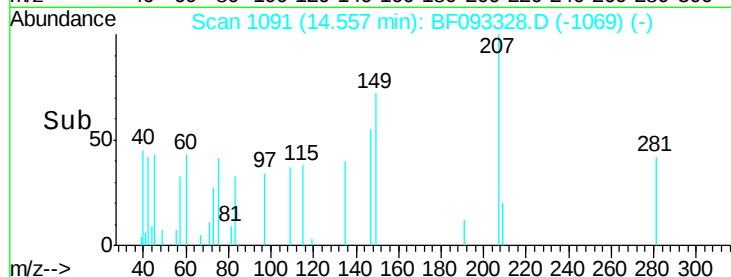
43 0.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

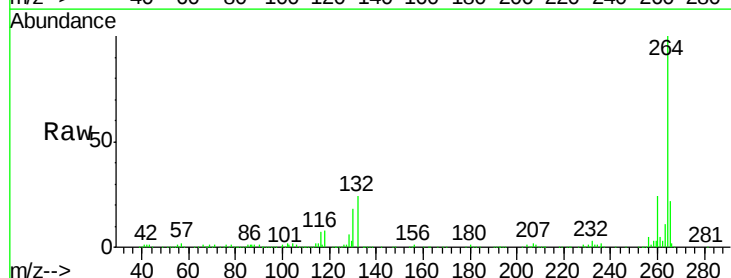
Tgt Ion:264 Resp: 358400

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

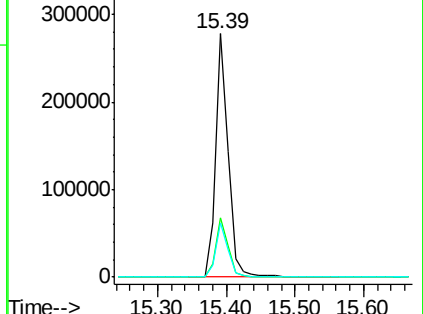
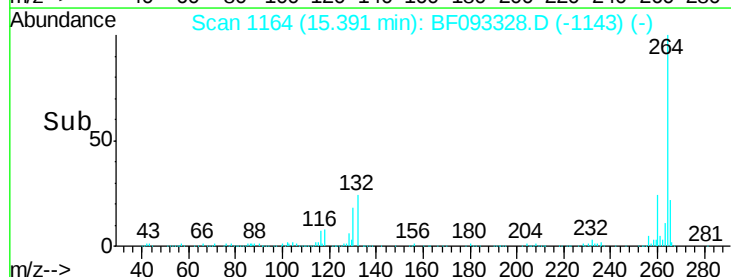
265 22.2 17.4 26.0

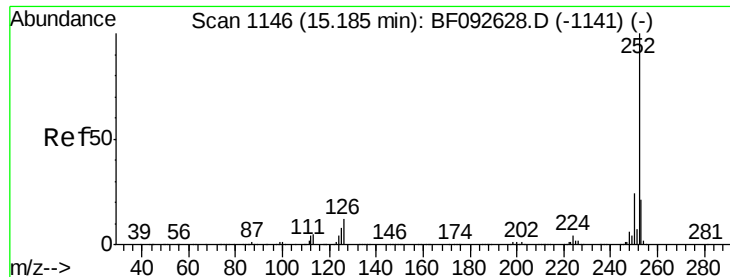


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051

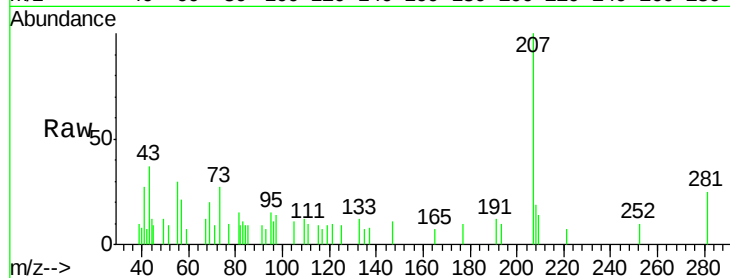
Tgt Ion:252 Resp: 326

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

125 88.2 9.8 14.6#



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

15.00

400

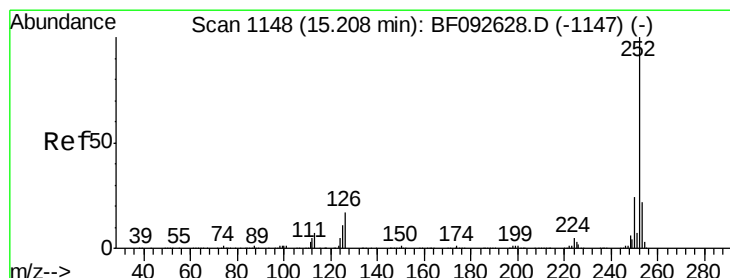
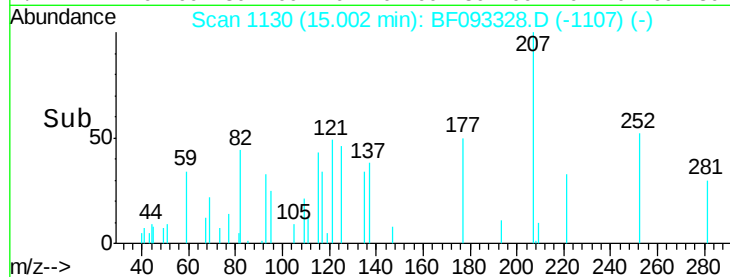
300

200

100

0

Time-->



#88

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093328.D

Acq: 2 Mar 2017 18:42

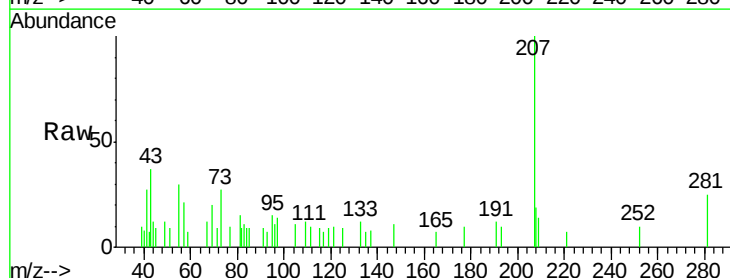
Tgt Ion:252 Resp: 326

Ion Ratio Lower Upper

252 100

253 0.0 18.5 27.7#

125 88.2 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

15.00

400

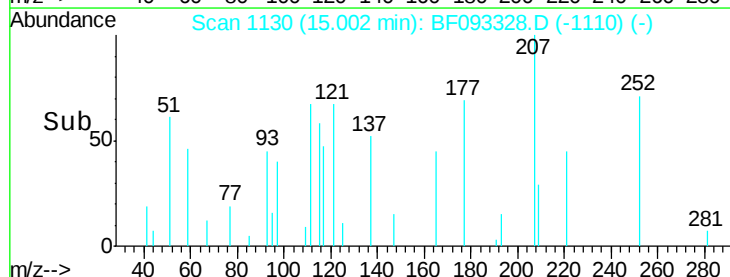
300

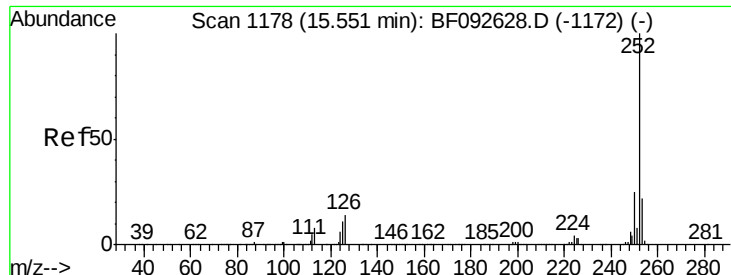
200

100

0

Time-->





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.39 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF093328.D

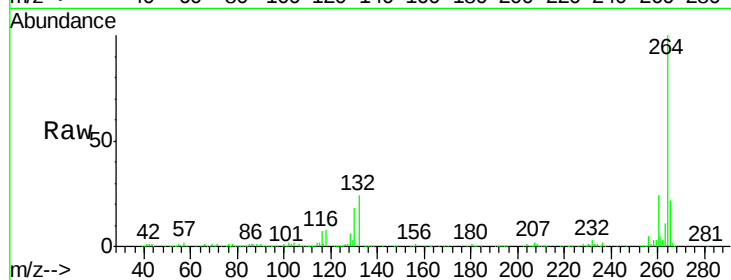
Acq: 2 Mar 2017 18:42

Instrument :

BNA_F

ClientSampleId :

CPS123051



Tgt Ion:	252	Resp:	1274
Ion	Ratio	Lower	Upper
252	100		
253	52.1	18.2	27.2#
125	54.5	10.0	15.0#

