

Data File : BF093092.D
Acq On : 22 Feb 2017 23:00
Operator : SJ/MA
Sample : I1931-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Quant Time: Feb 22 23:59:51 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	6.84	152	152927	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	608181	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	295706	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	523459	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	465967	20.00	ng	-0.02
86) Perylene-d12	15.41	264	330748	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	58296	6.54	ng	0.00
7) Phenol-d6	6.48	99	680363	59.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	975851	89.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	444	0.21	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1809340	110.85	ng	-0.01
78) Terphenyl-d14	12.94	244	1574039	79.37	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	180693	37.52	ng	# 85
3) Pyridine	3.16	79	539161	44.02	ng	85
4) n-Nitrosodimethylamine	3.14	42	277917	48.33	ng	90
6) Aniline	6.50	93	391525	25.03	ng	# 56
8) 2-Chlorophenol	6.62	128	21294	2.17	ng	97
9) Benzaldehyde	6.38	77	143501	17.46	ng	98
10) Phenol	6.49	94	258557	19.27	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	511218	47.73	ng	100
12) 1,3-Dichlorobenzene	6.78	146	521010	45.23	ng	97
13) 1,4-Dichlorobenzene	6.85	146	517359	44.38	ng	99
14) 1,2-Dichlorobenzene	7.01	146	501904	45.03	ng	97
15) Benzyl Alcohol	6.99	79	367231	43.25	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	810588	43.56	ng	96
17) 2-Methylphenol	7.12	107	319449	37.87	ng	97
18) Hexachloroethane	7.36	117	182937	45.97	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	338193	46.32	ng	96
20) 3+4-Methylphenols	7.26	107	299904	29.73	ng	# 63
22) Acetophenone	7.25	105	663032	47.75	ng	# 99
24) Nitrobenzene	7.44	77	578180	51.56	ng	93
25) Isophorone	7.68	82	992643	48.78	ng	96
26) 2-Nitrophenol	7.68	139	16789	3.15	ng	# 79
27) 2,4-Dimethylphenol	7.79	122	350554	37.44	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	576797	42.79	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	432576	45.97	ng	98
31) Naphthalene	8.16	128	1394306	45.23	ng	99
32) Benzoic acid	7.79	122	350554	63.39	ng	# 13
33) 4-Chloroaniline	8.20	127	330206	27.31	ng	95
34) Hexachlorobutadiene	8.27	225	229490	44.33	ng	98
35) Caprolactam	8.54	113	31160	11.35	ng	# 66
36) 4-Chloro-3-methylphenol	8.69	107	135335	14.87	ng	96
37) 2-Methylnaphthalene	8.84	142	954975	48.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	388857	46.85	ng	99
40) Hexachlorocyclopentadiene	8.99	237	293206	78.29	ng	95
45) 1,1'-Biphenyl	9.30	154	1033986	48.29	ng	97

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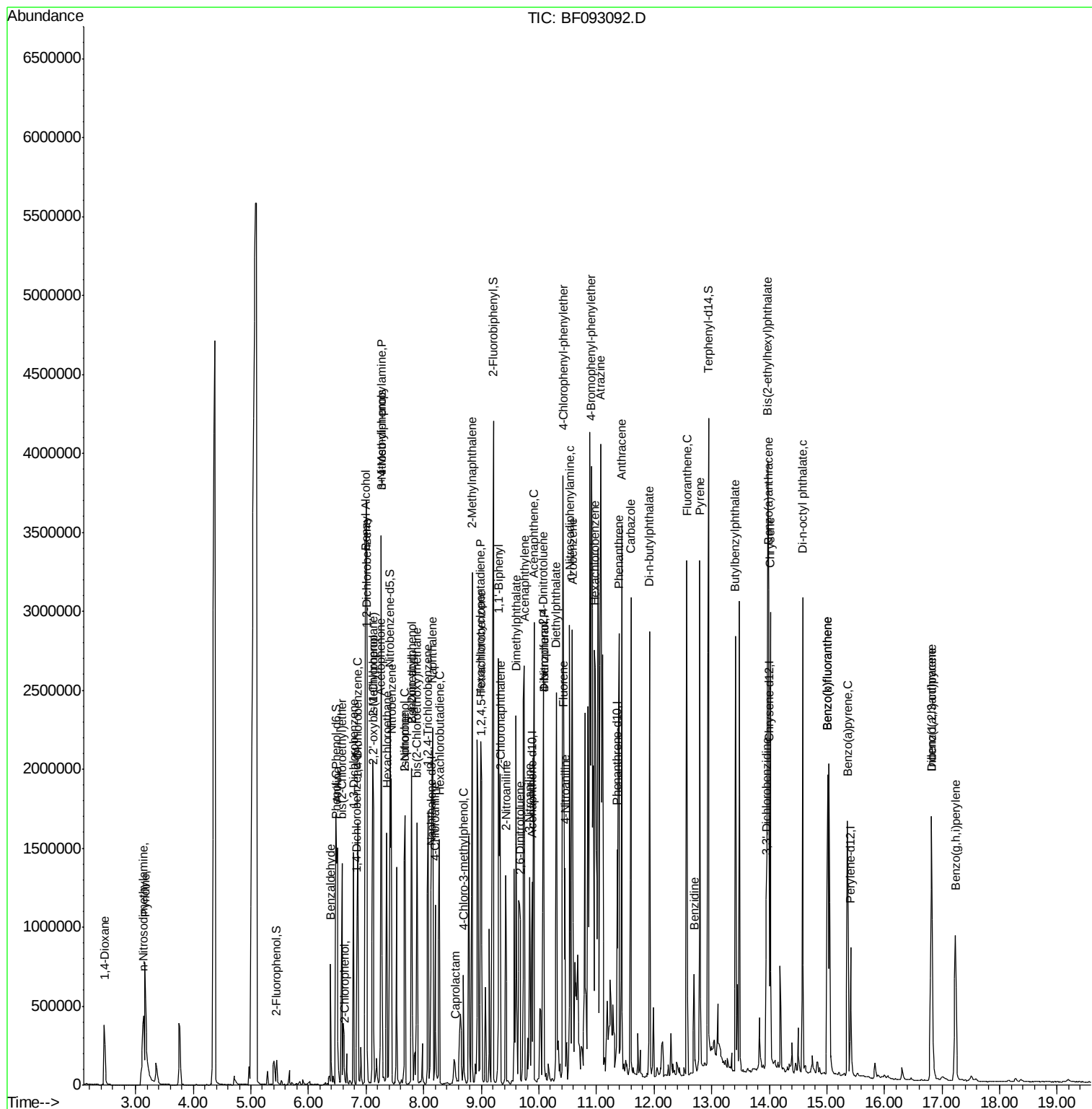
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.33	162	883242	52.73	ng	94
47) 2-Nitroaniline	9.42	65	266925	47.40	ng	97
48) Acenaphthylene	9.74	152	1415442	48.92	ng	98
49) Dimethylphthalate	9.61	163	1129682	56.72	ng	99
50) 2,6-Dinitrotoluene	9.68	165	240990	56.03	ng	# 78
51) Acenaphthene	9.92	154	829433	47.94	ng	97
52) 3-Nitroaniline	9.84	138	200439	40.72	ng	98
54) Dibenzofuran	10.09	168	1222705	52.84	ng	# 89
55) 4-Nitrophenol	10.09	139	428681	120.91	ng	# 5
56) 2,4-Dinitrotoluene	10.08	165	309921	54.12	ng	# 79
57) Fluorene	10.43	166	859681	48.29	ng	97
59) Diethylphthalate	10.30	149	967211	51.53	ng	97
60) 4-Chlorophenyl-phenylether	10.42	204	424335	49.62	ng	# 81
61) 4-Nitroaniline	10.45	138	269808	53.51	ng	90
62) Azobenzene	10.58	77	1141228	58.85	ng	90
65) n-Nitrosodiphenylamine	10.53	169	750773	44.90	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	237152	43.36	ng	# 81
67) Hexachlorobenzene	10.97	284	231006	42.74	ng	# 79
68) Atrazine	11.07	200	212499	39.60	ng	99
70) Phenanthrene	11.39	178	1460135	48.69	ng	98
71) Anthracene	11.44	178	1291494	42.88	ng	99
72) Carbazole	11.60	167	1320933	45.88	ng	98
73) Di-n-butylphthalate	11.92	149	2113002	67.87	ng	98
74) Fluoranthene	12.57	202	1269702	41.05	ng	99
76) Benzidine	12.69	184	293839	14.80	ng	96
77) Pyrene	12.80	202	1317996	37.80	ng	99
79) Butylbenzylphthalate	13.41	149	635220	44.86	ng	95
80) Benzo(a)anthracene	13.99	228	1165996	40.91	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	289783	28.52	ng	# 95
82) Chrysene	14.02	228	911420	34.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	891338	46.03	ng	# 97
84) Di-n-octyl phthalate	14.58	149	1452972	46.07	ng	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	816599	39.51	ng	# 93
87) Benzo(b)fluoranthene	15.01	252	1011966	46.48	ng	97
88) Benzo(k)fluoranthene	15.01	252	1011966	53.84	ng	97
89) Benzo(a)pyrene	15.36	252	873914	46.41	ng	# 96
90) Dibenzo(a,h)anthracene	16.82	278	681779	44.80	ng	# 93
91) Benzo(g,h,i)perylene	17.23	276	701119	45.60	ng	# 90

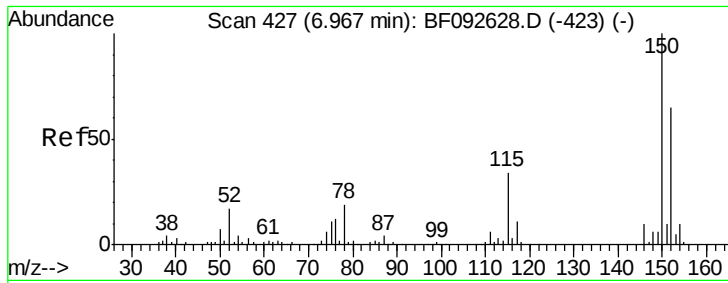
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

P-5MSD

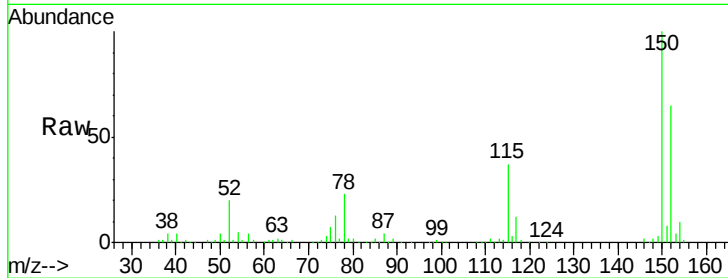
Tgt Ion:152 Resp: 152927

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

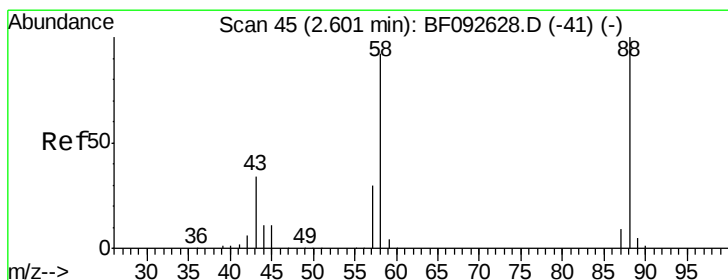
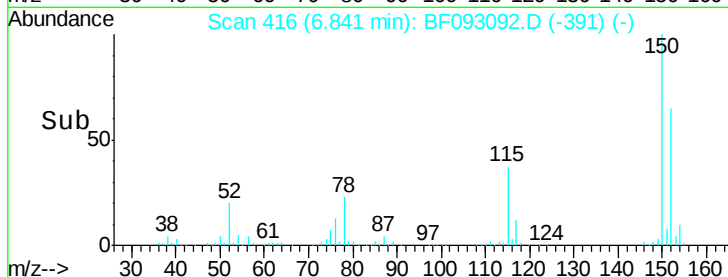
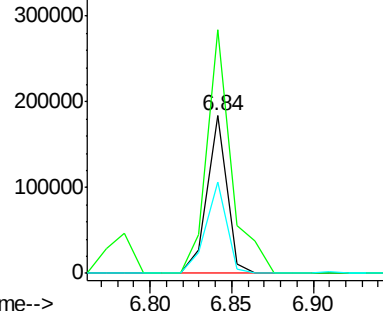
115 57.9 46.0 69.0



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: 37.52 ng

RT: 2.45 min Scan# 32

Delta R.T. 0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

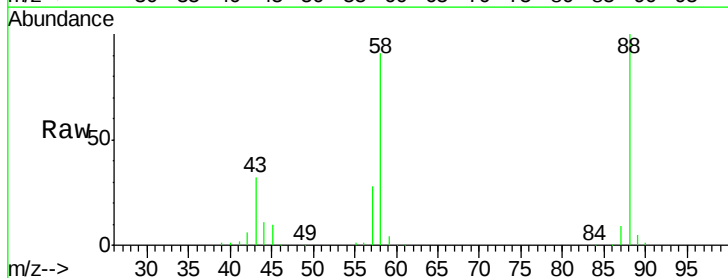
Tgt Ion: 88 Resp: 180693

Ion Ratio Lower Upper

88 100

58 87.9 57.8 86.8#

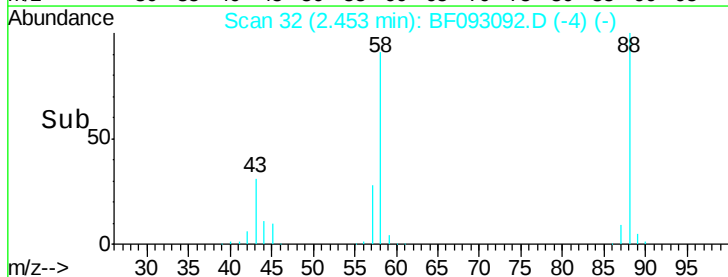
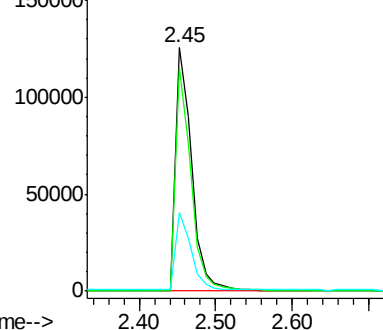
43 30.5 22.3 33.5



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: 44.02 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

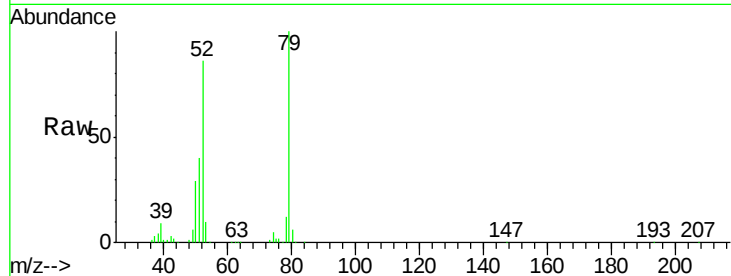
Tgt Ion: 79 Resp: 539161

Ion Ratio Lower Upper

79 100

52 85.6 57.1 85.7

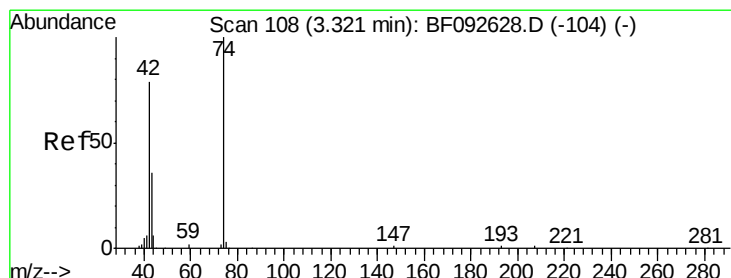
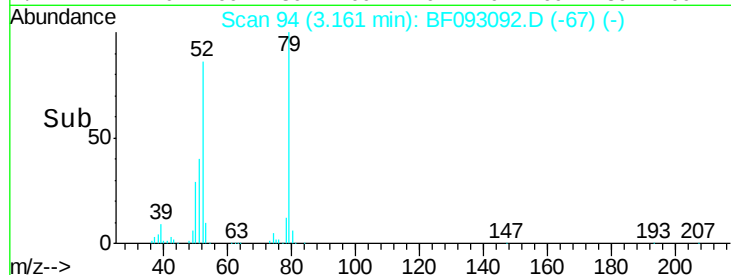
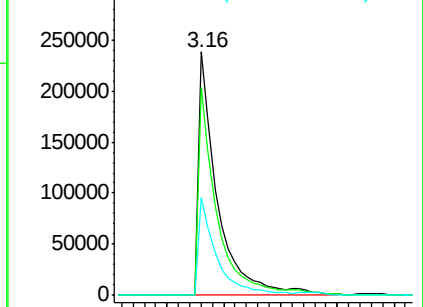
51 40.2 27.3 40.9



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: 48.33 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.03 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

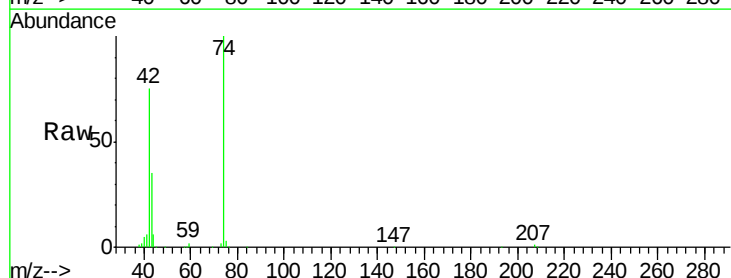
Tgt Ion: 42 Resp: 277917

Ion Ratio Lower Upper

42 100

74 133.3 117.0 175.4

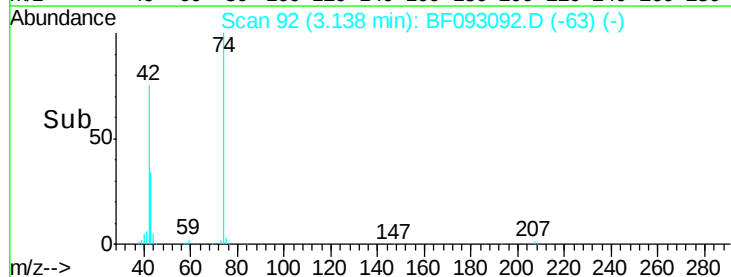
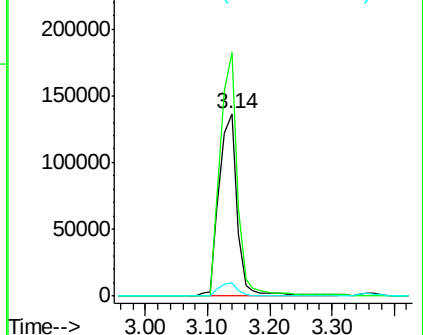
44 7.4 5.5 8.3

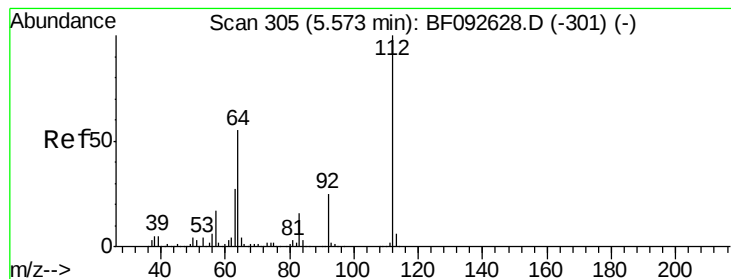


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 6.54 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

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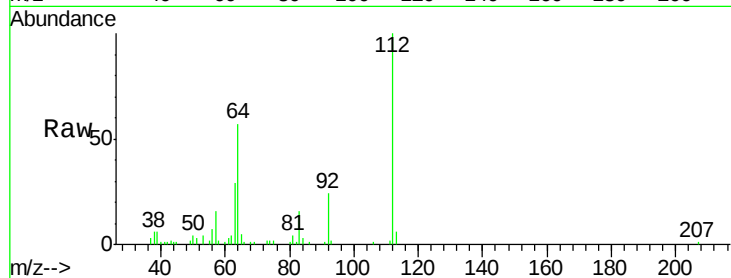
Tgt Ion: 112 Resp: 58296

Ion Ratio Lower Upper

112 100

64 56.9 46.1 69.1

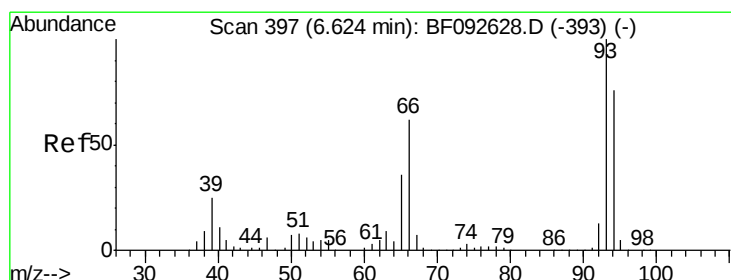
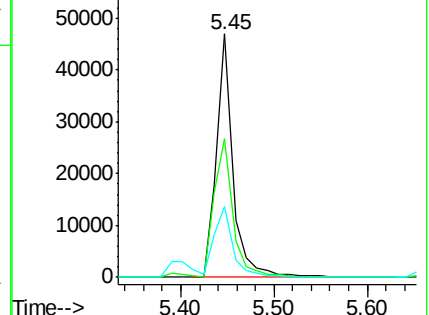
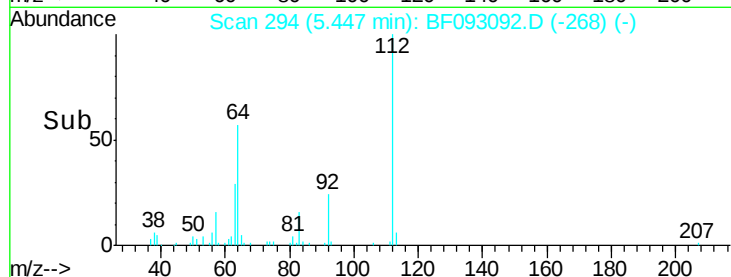
63 29.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.03 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

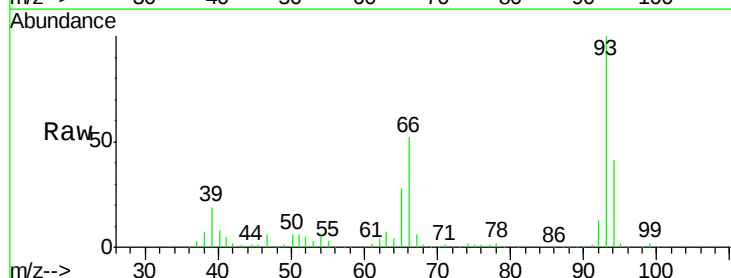
Tgt Ion: 93 Resp: 391525

Ion Ratio Lower Upper

93 100

66 51.7 76.2 114.2#

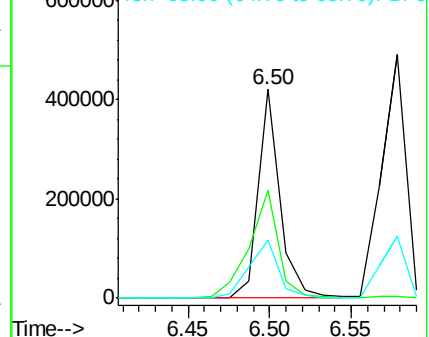
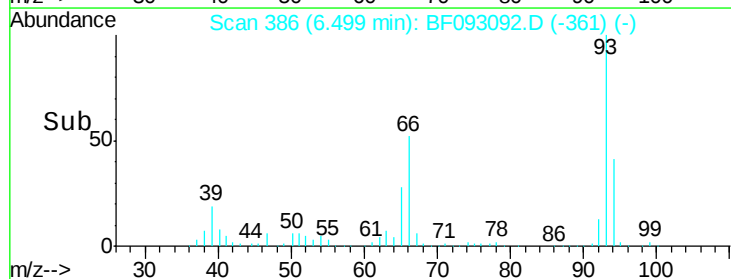
65 27.9 49.3 73.9#

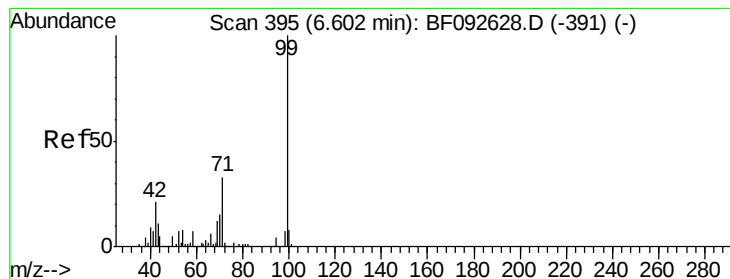


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 59.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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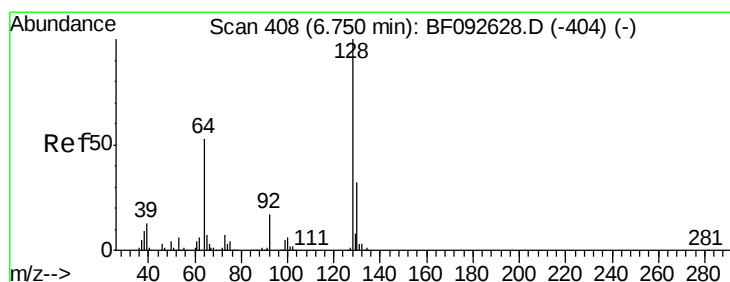
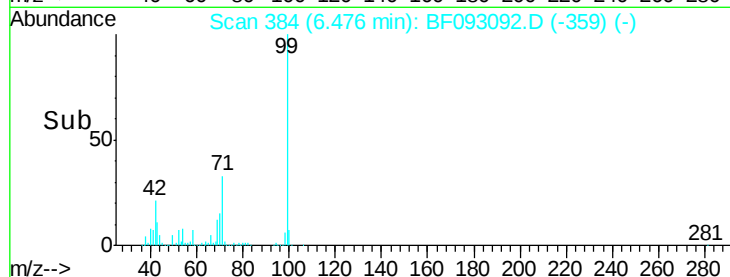
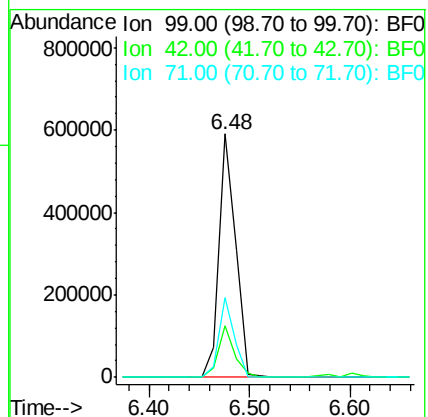
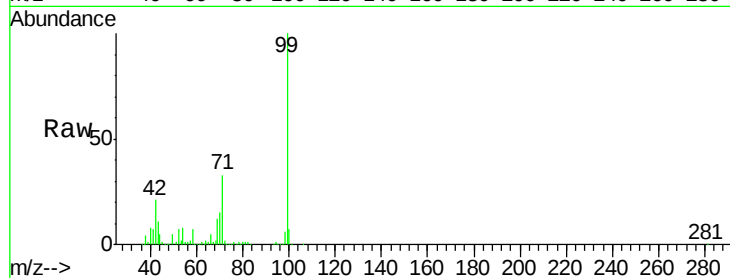
Tgt Ion: 99 Resp: 680363

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

71 32.7 27.5 41.3



#8

2-Chlorophenol

Concen: 2.17 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

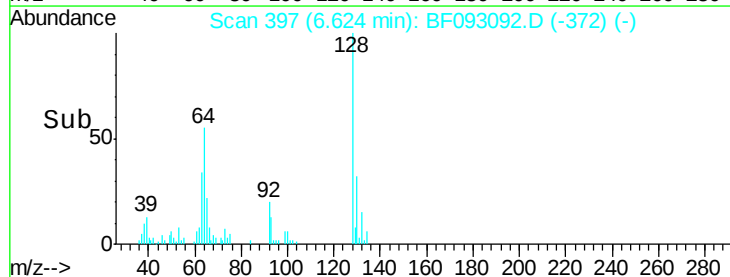
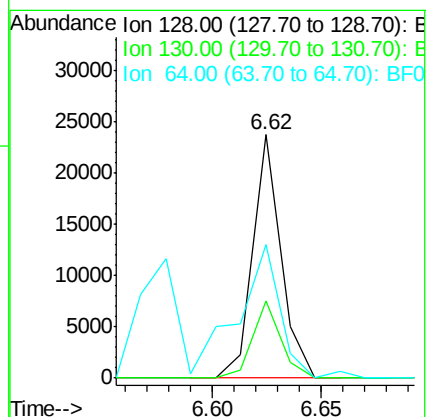
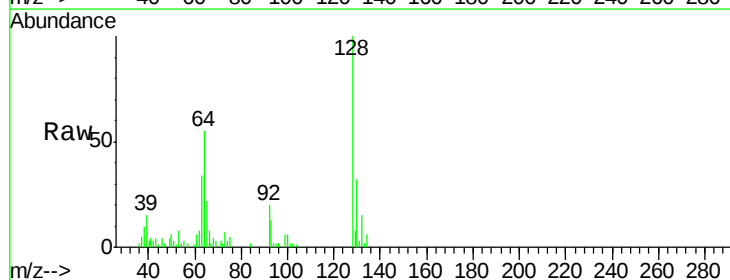
Tgt Ion: 128 Resp: 21294

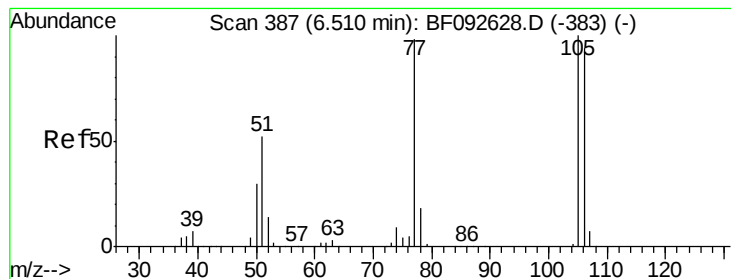
Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

64 55.0 32.2 72.2





#9

Benzaldehyde

Concen: 17.46 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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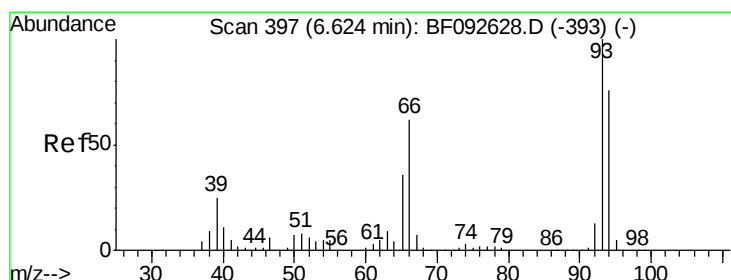
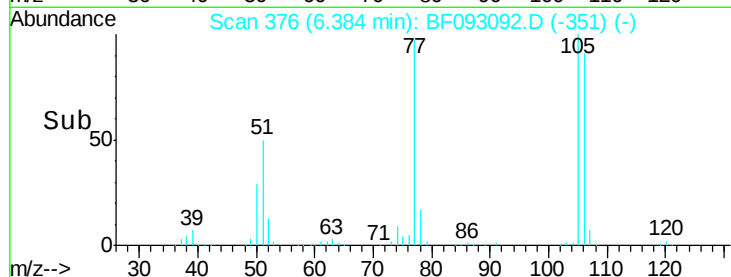
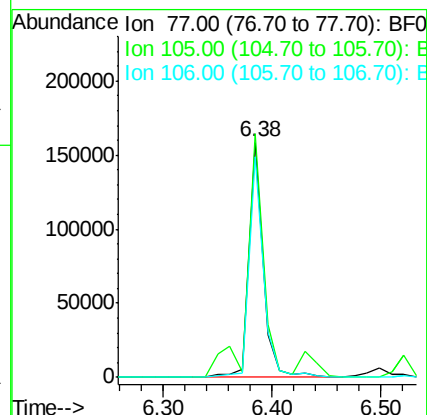
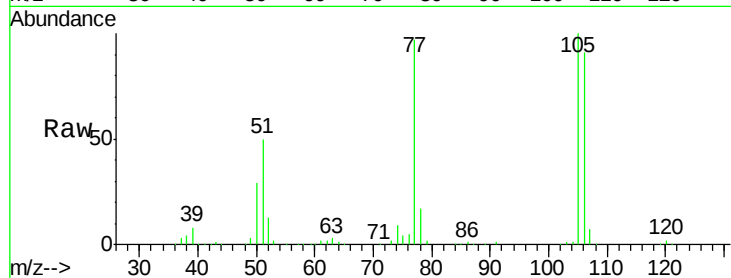
Tgt Ion: 77 Resp: 143501

Ion Ratio Lower Upper

77 100

105 103.5 83.9 123.9

106 93.9 77.6 117.6



#10

Phenol

Concen: 19.27 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

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Acq: 22 Feb 2017 23:00

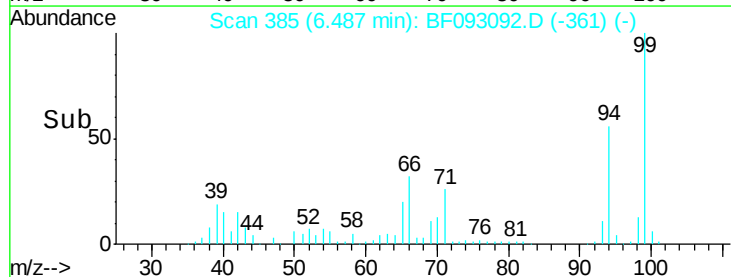
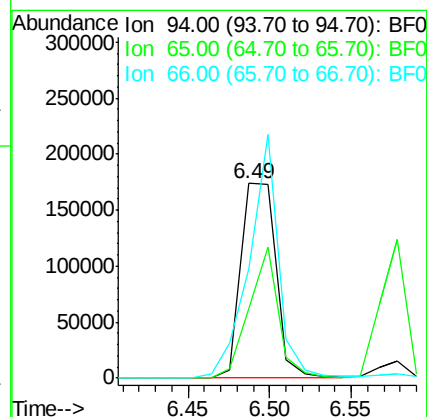
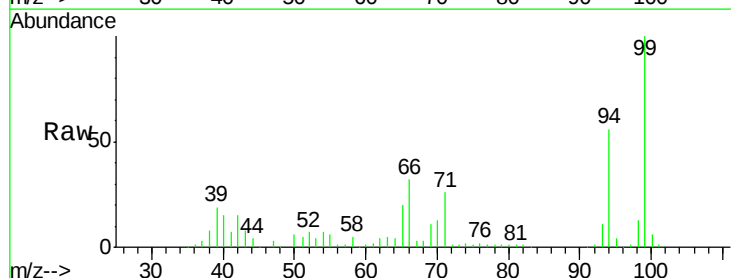
Tgt Ion: 94 Resp: 258557

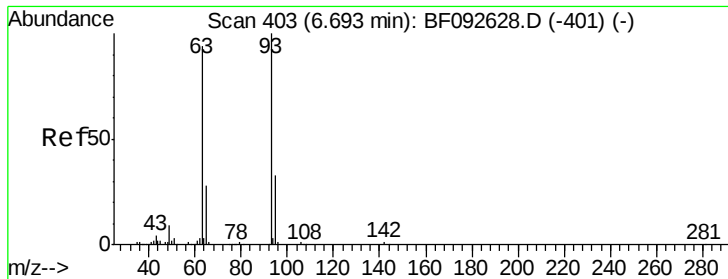
Ion Ratio Lower Upper

94 100

65 35.9 21.4 61.4

66 56.2 44.0 84.0



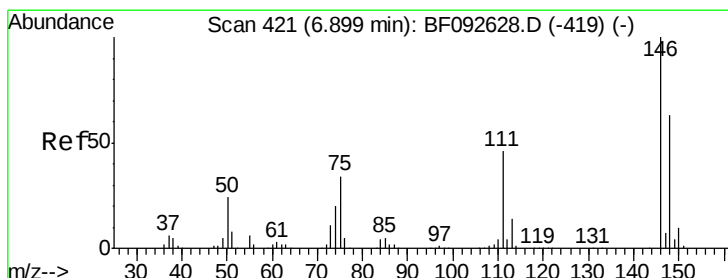
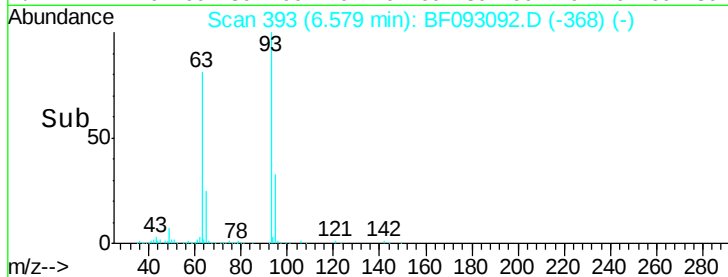
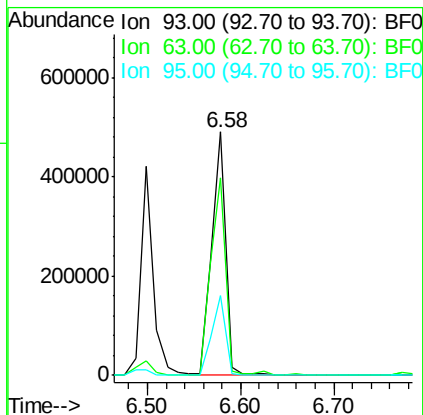
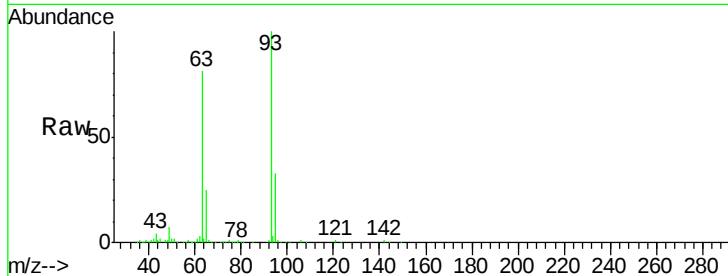


#11
bis(2-Chloroethyl)ether
Concen: 47.73 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion: 93 Resp: 511218

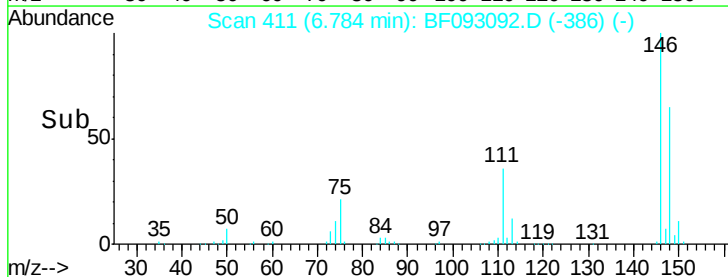
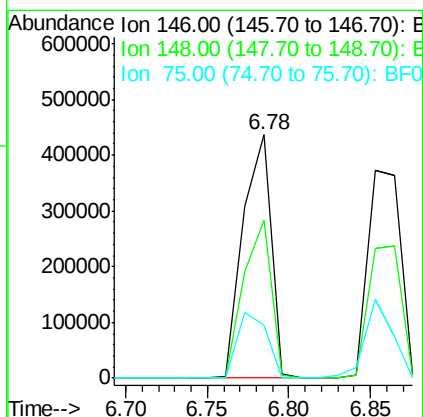
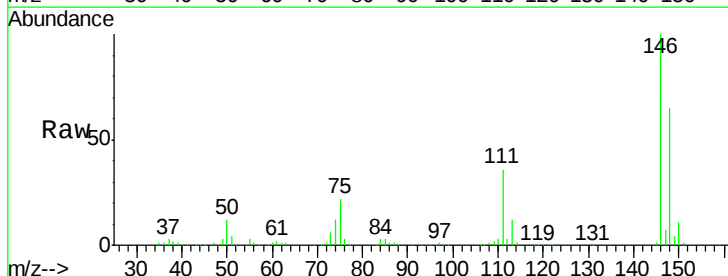
Ion	Ratio	Lower	Upper
93	100		
63	80.9	60.4	100.4
95	33.0	12.8	52.8

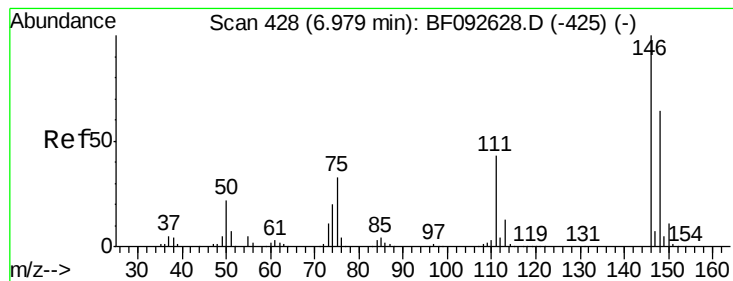


#12
1,3-Dichlorobenzene
Concen: 45.23 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion: 146 Resp: 521010

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
75	21.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 44.38 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

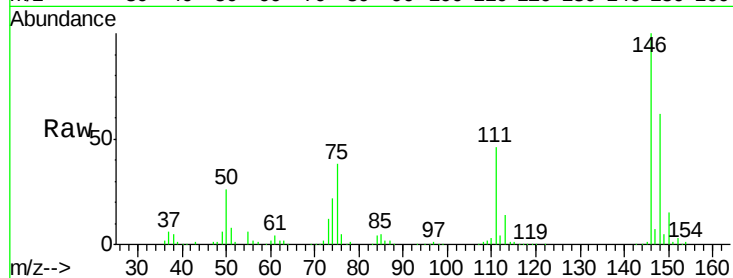
Tgt Ion:146 Resp: 517359

Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

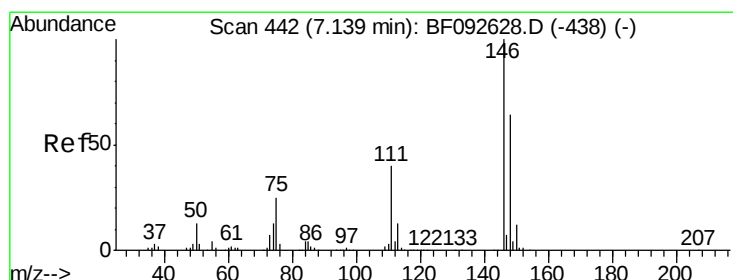
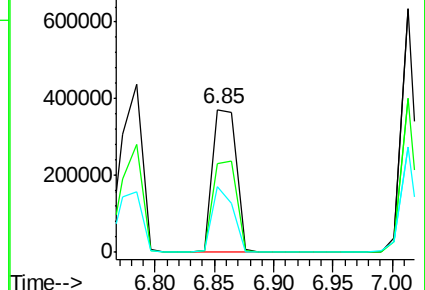
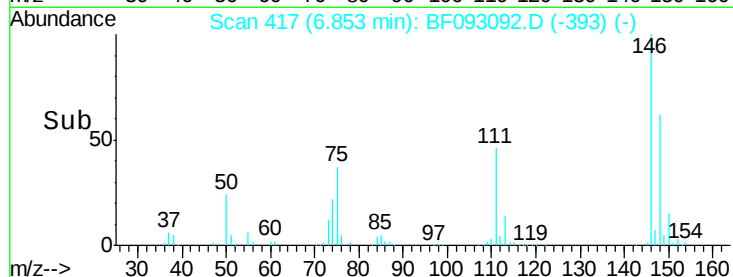
111 46.4 36.2 54.4



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: 45.03 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

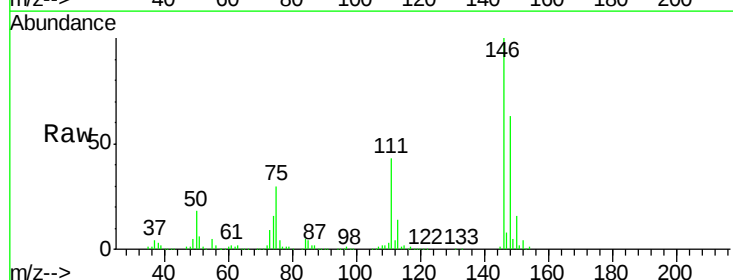
Tgt Ion:146 Resp: 501904

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

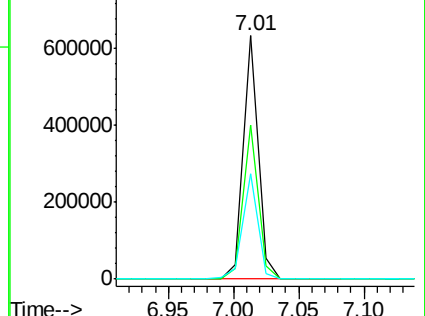
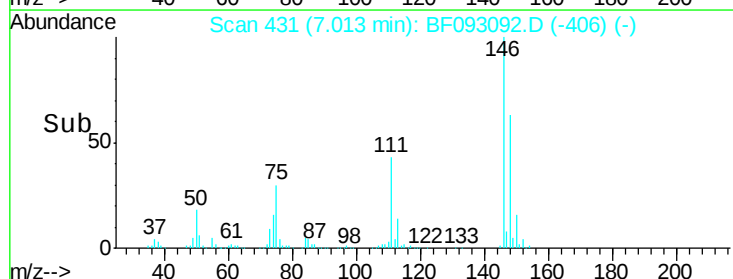
111 43.4 36.2 54.2

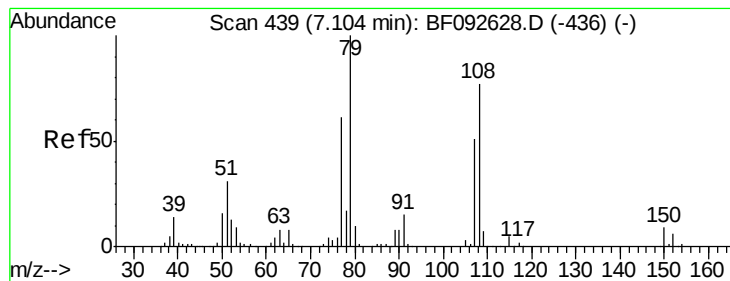


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.25 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

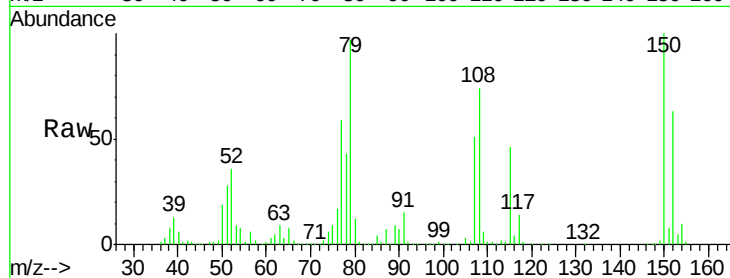
Tgt Ion: 79 Resp: 367231

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.0

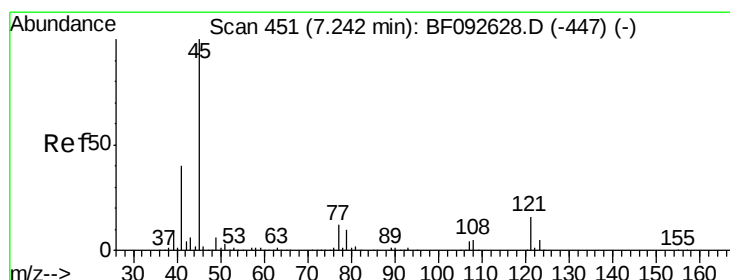
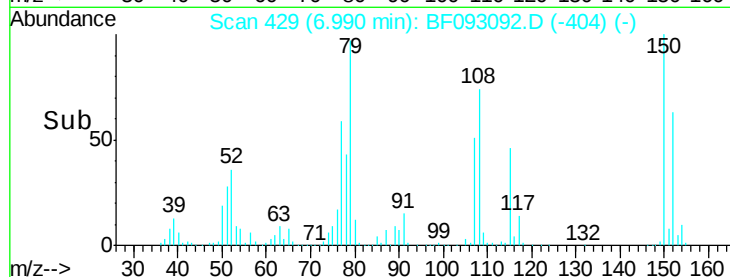
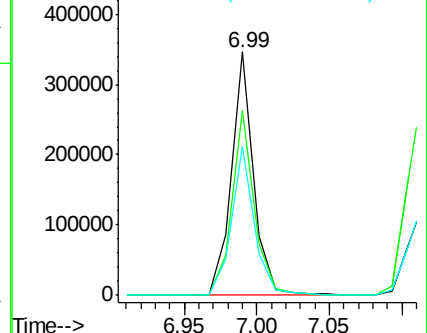
77 60.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.56 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

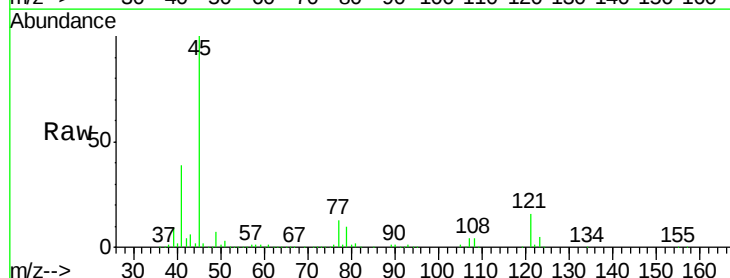
Tgt Ion: 45 Resp: 810588

Ion Ratio Lower Upper

45 100

77 12.8 0.0 34.6

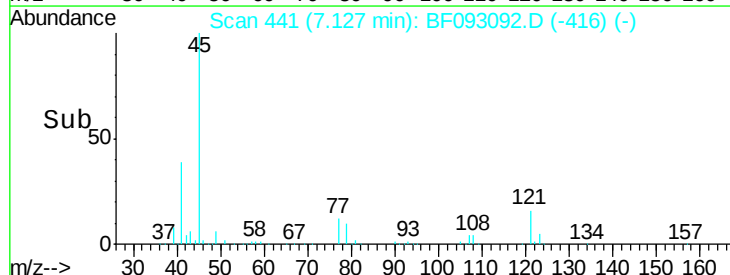
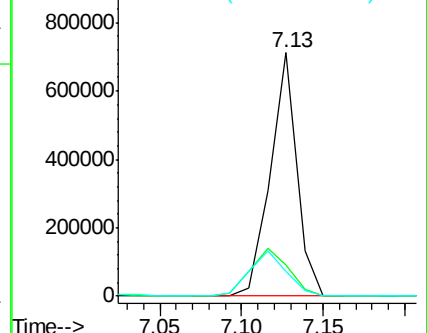
79 10.3 0.0 31.2

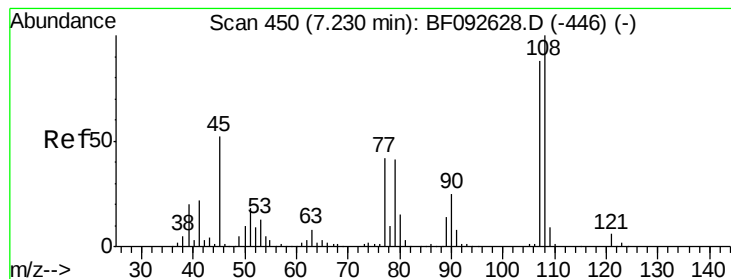


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.87 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

Tgt Ion:107 Resp: 319449

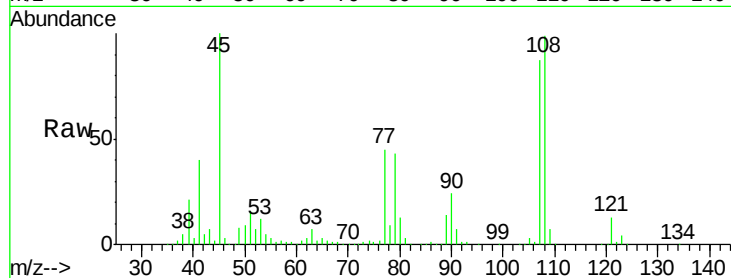
Ion Ratio Lower Upper

107 100

108 113.5 93.0 139.6

77 51.6 39.8 59.8

79 49.4 38.0 57.0

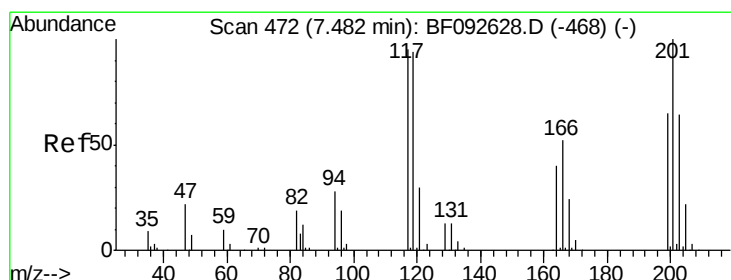
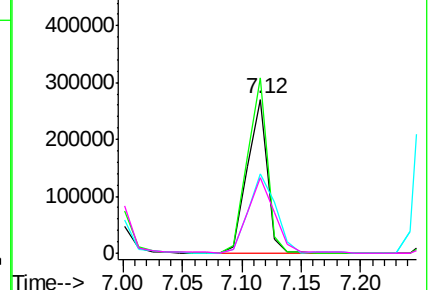
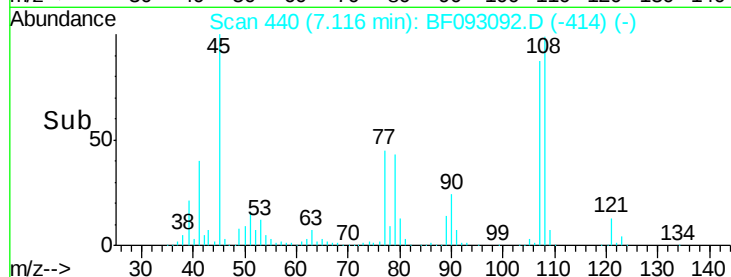


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.97 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

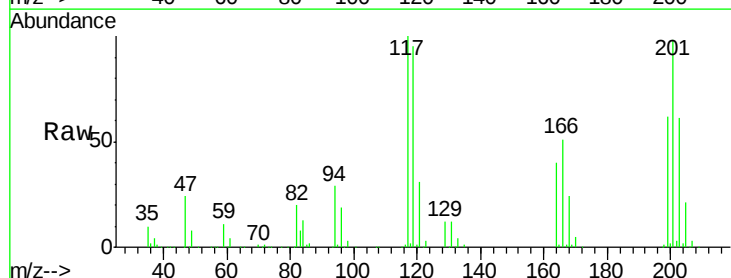
Tgt Ion:117 Resp: 182937

Ion Ratio Lower Upper

117 100

119 95.4 78.1 117.1

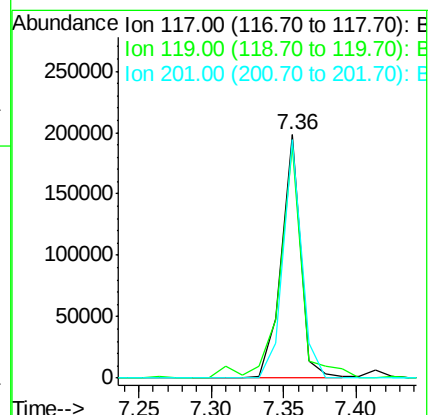
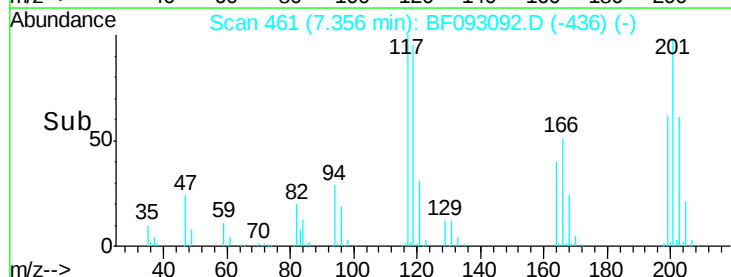
201 97.8 78.6 117.8

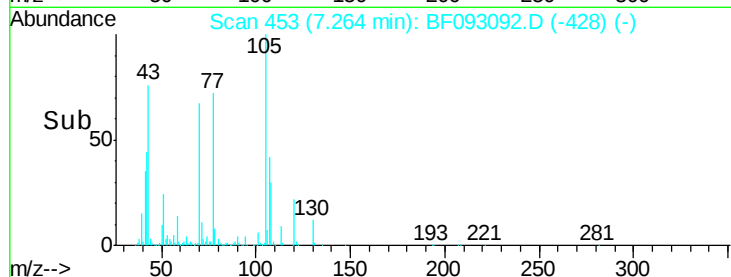
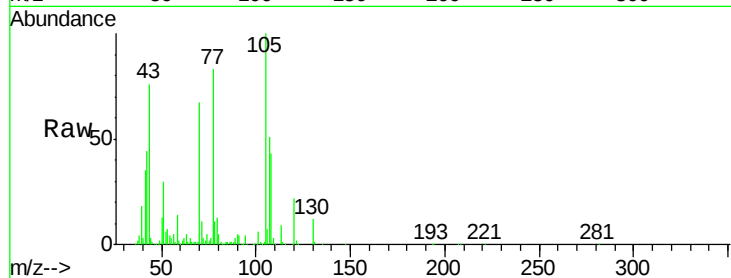
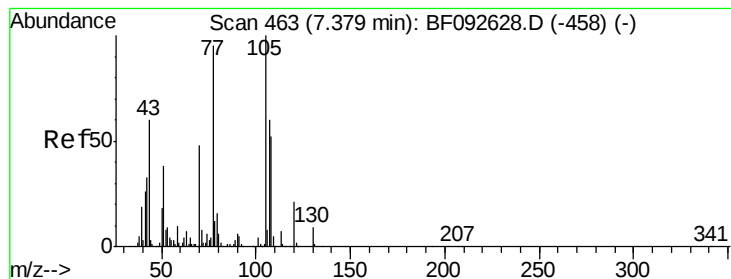


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.32 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

Tgt Ion: 70 Resp: 338193

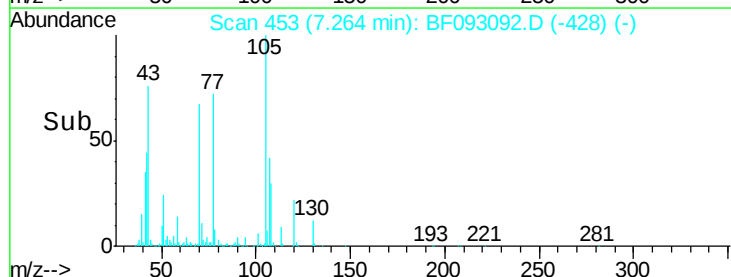
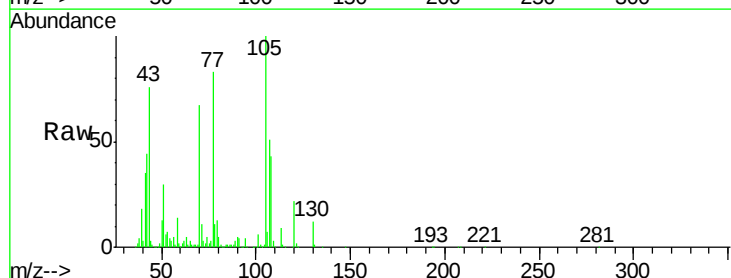
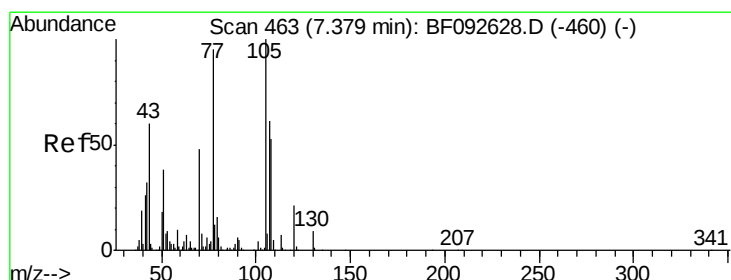
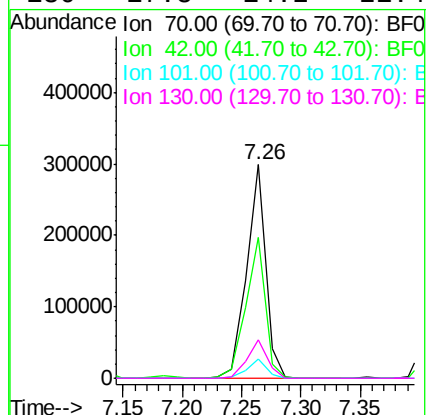
Ion Ratio Lower Upper

70 100

42 65.9 49.4 74.0

101 8.8 7.4 11.2

130 17.8 14.2 21.4



#20

3+4-Methylphenols

Concen: 29.73 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Tgt Ion: 107 Resp: 299904

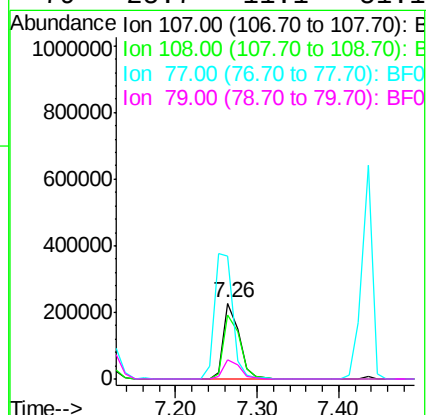
Ion Ratio Lower Upper

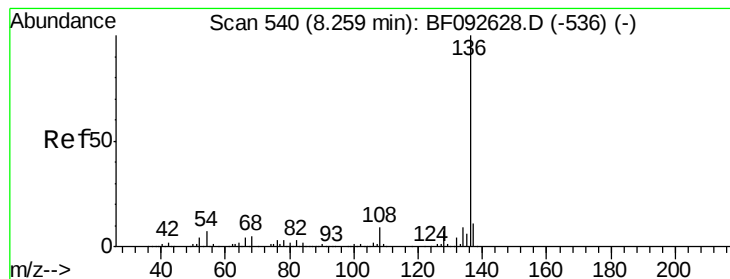
107 100

108 84.5 73.0 113.0

77 162.0 71.3 111.3#

79 25.7 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

Tgt Ion:136 Resp: 608181

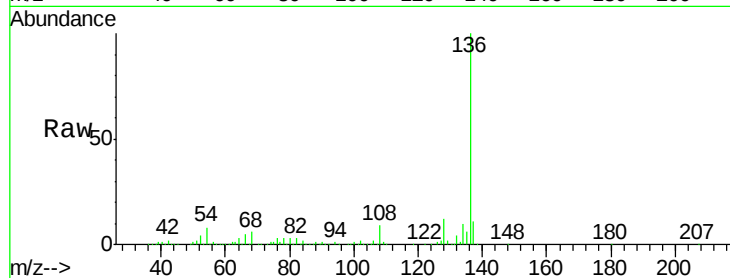
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.6 4.5 6.7#

68 5.5 3.6 5.4#

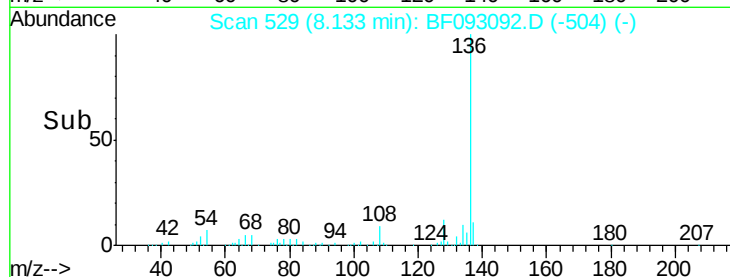


Abundance Ion 136.00 (135.70 to 136.70): E

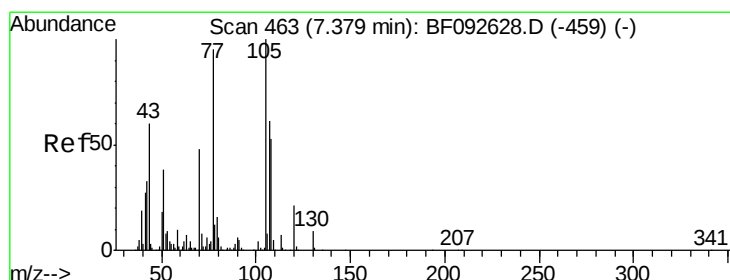
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 47.75 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Tgt Ion:105 Resp: 663032

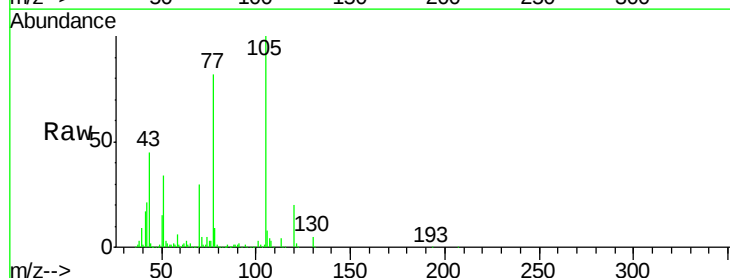
Ion Ratio Lower Upper

105 100

71 5.1 3.2 4.8#

51 33.6 26.2 39.4

120 20.3 16.6 24.8

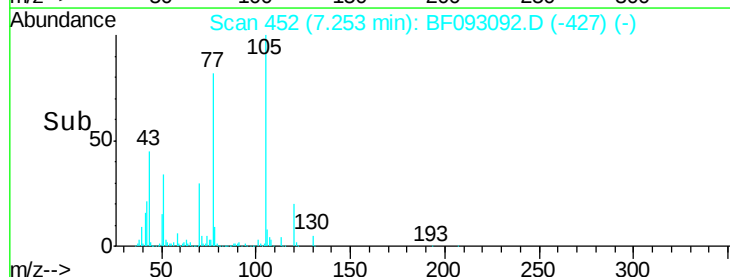


Abundance Ion 105.00 (104.70 to 105.70): E

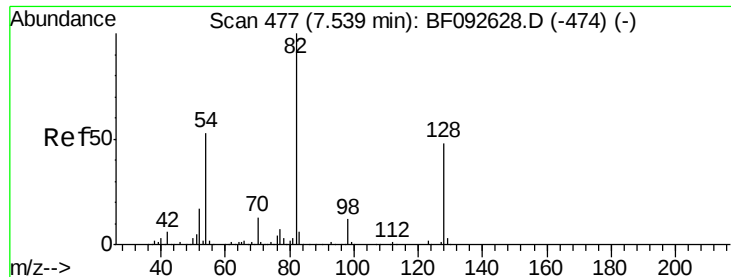
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



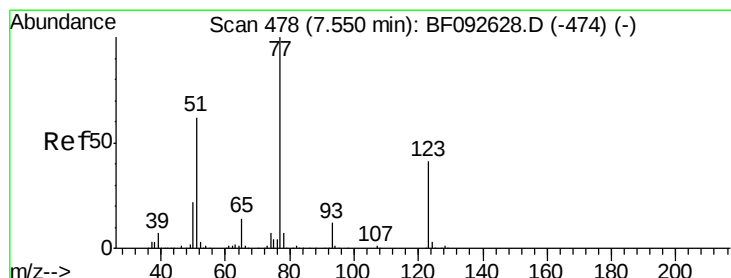
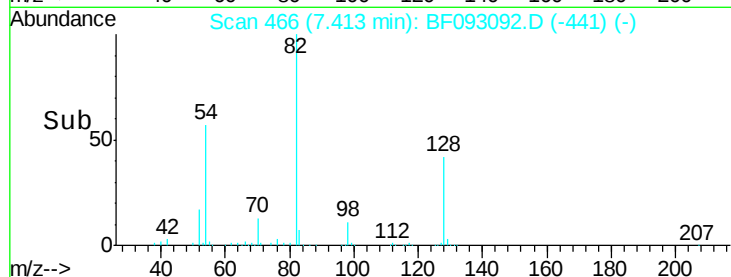
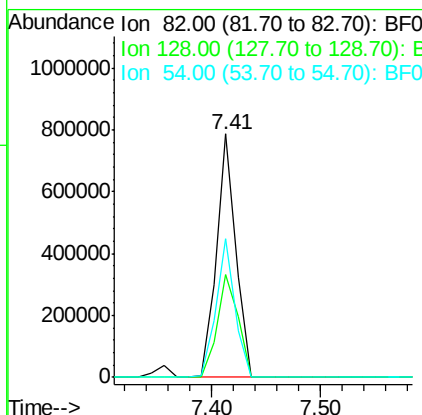
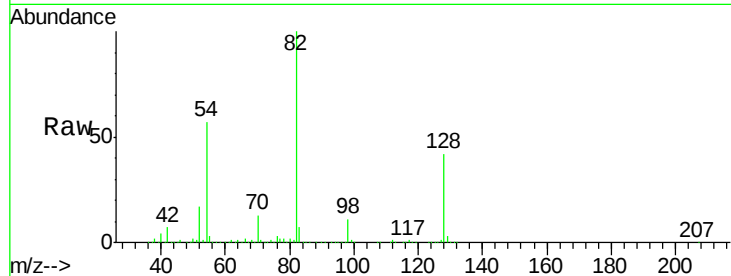
Time-->



#23
 Nitrobenzene-d5
 Concen: 89.35 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

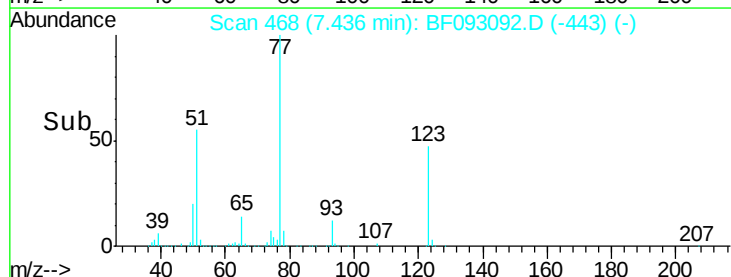
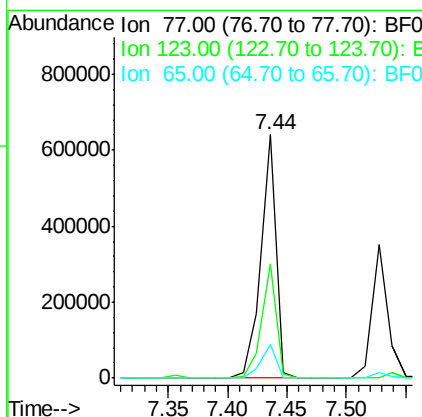
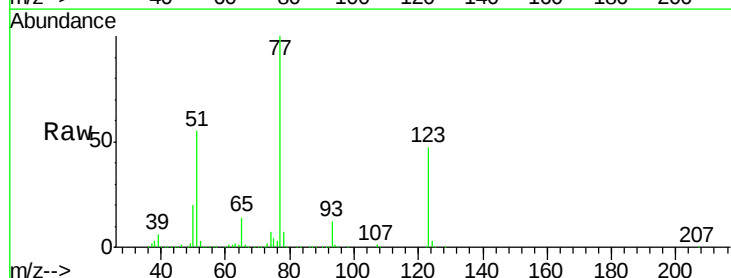
Instrument :
 BNA_F
 ClientSampleId :
 P-5MSD

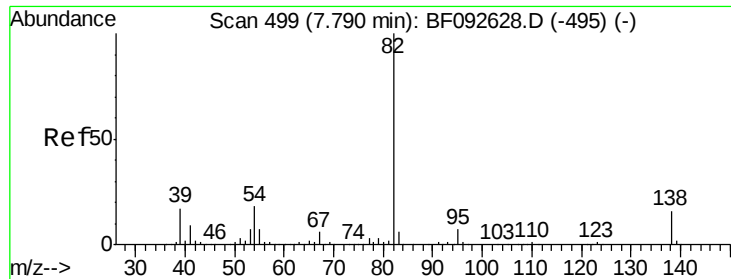
Tgt Ion: 82 Resp: 975851
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 52.0
 54 56.9 39.5 59.3



#24
 Nitrobenzene
 Concen: 51.56 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

Tgt Ion: 77 Resp: 578180
 Ion Ratio Lower Upper
 77 100
 123 46.7 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 48.78 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

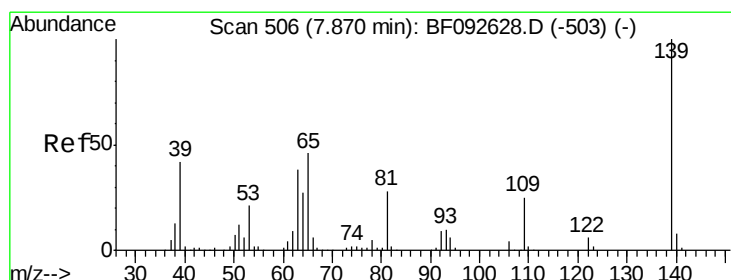
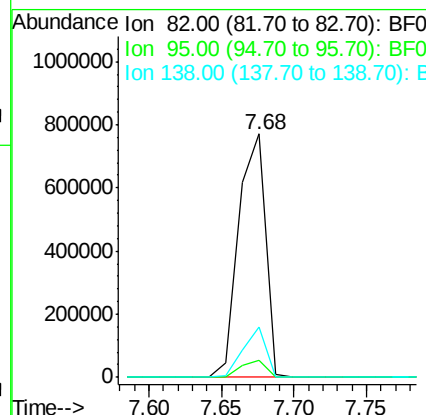
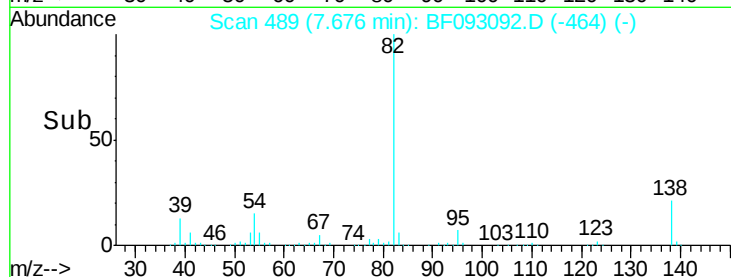
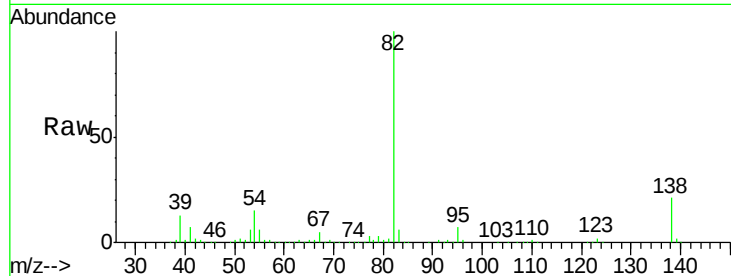
Tgt Ion: 82 Resp: 992643

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 20.6 14.6 22.0



#26

2-Nitrophenol

Concen: 3.15 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.08 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

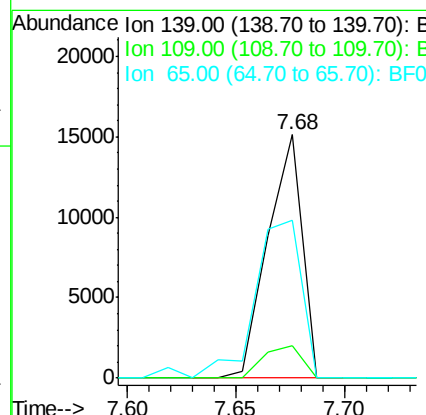
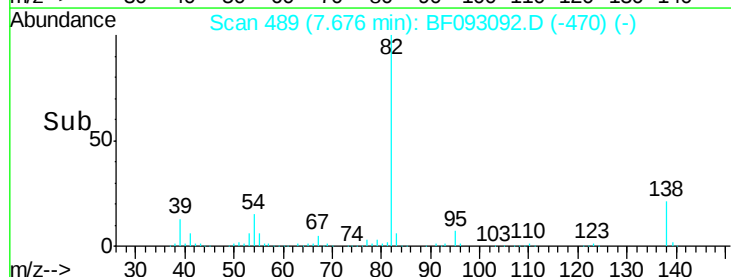
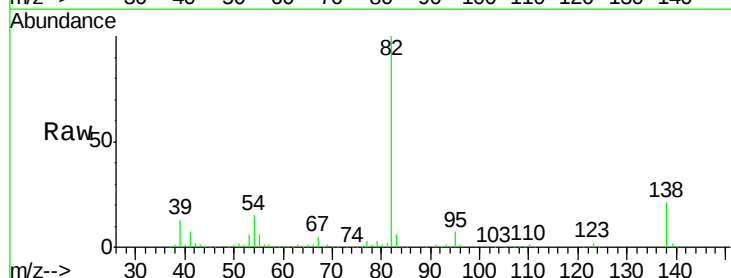
Tgt Ion: 139 Resp: 16789

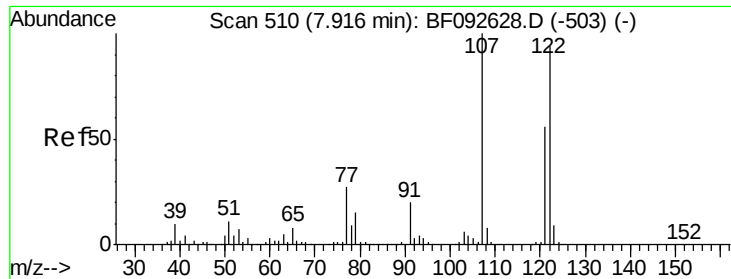
Ion Ratio Lower Upper

139 100

109 13.5 23.3 34.9#

65 64.7 42.7 64.1#

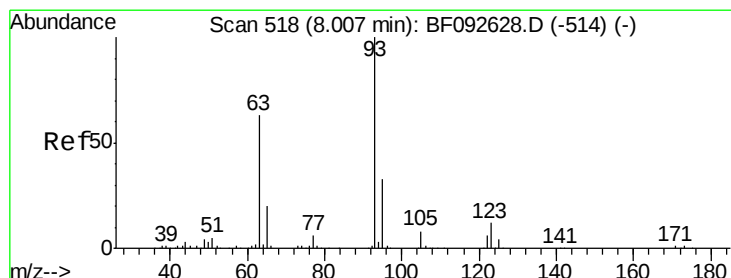
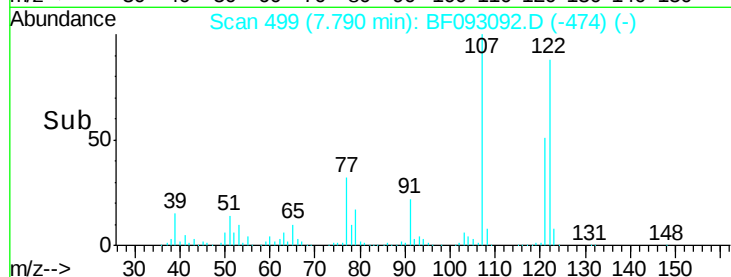
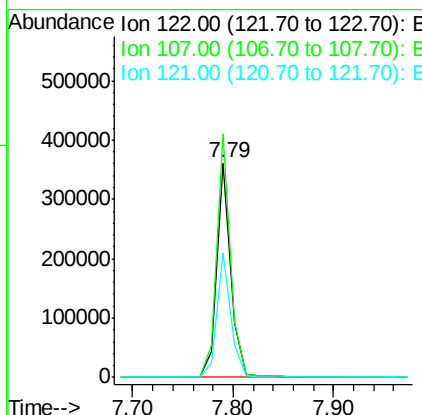
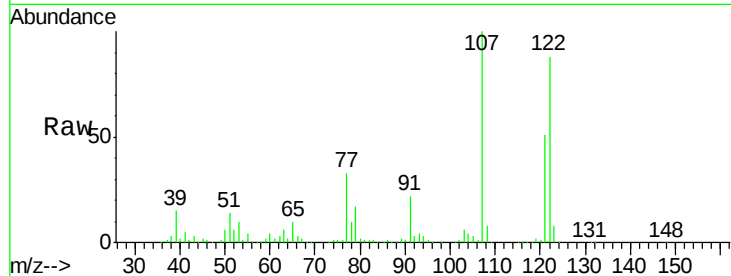




#27
2,4-Dimethylphenol
Concen: 37.44 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

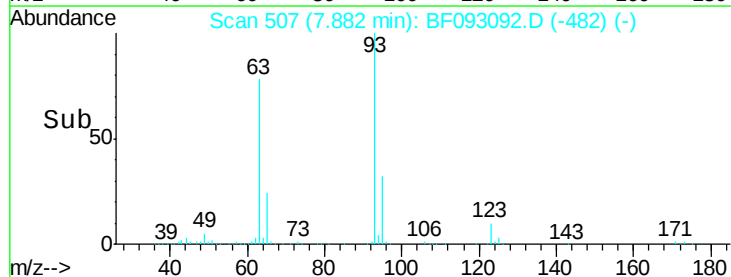
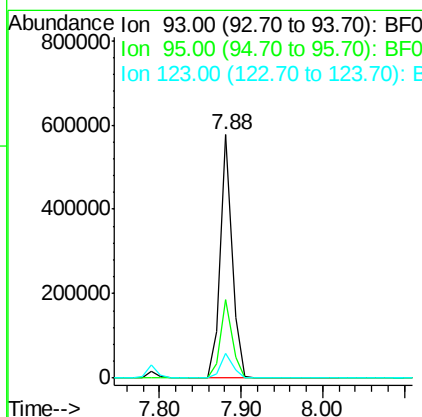
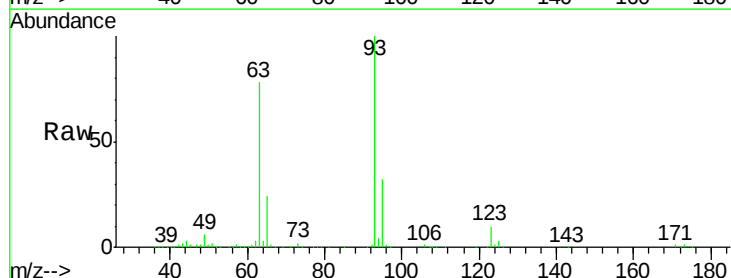
Instrument :
BNA_F
ClientSampled :
P-5MSD

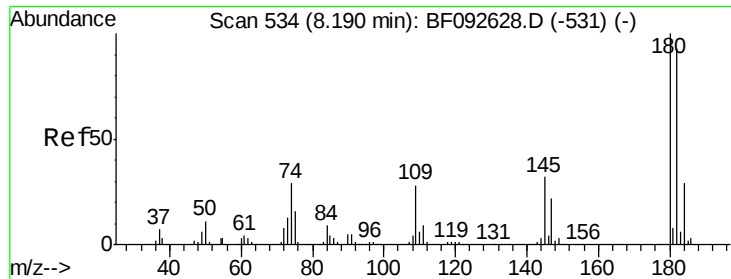
Tgt Ion: 122 Resp: 350554
Ion Ratio Lower Upper
122 100
107 113.5 94.1 141.1
121 58.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.79 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion: 93 Resp: 576797
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 10.0 8.6 13.0

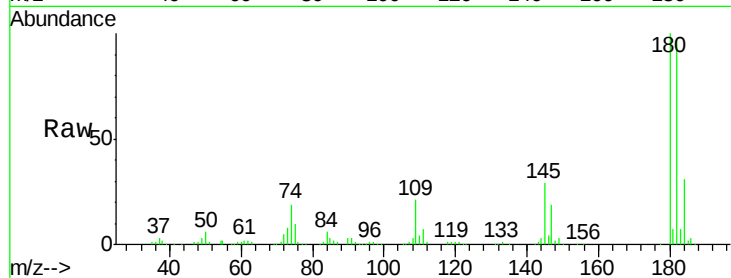




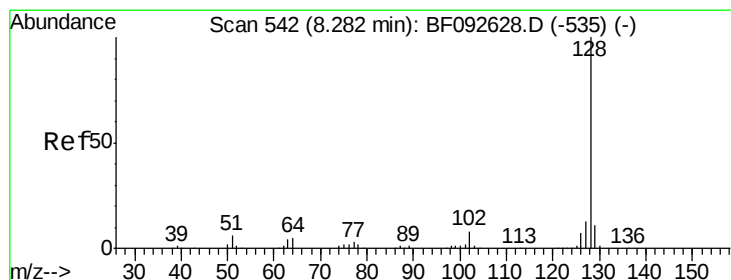
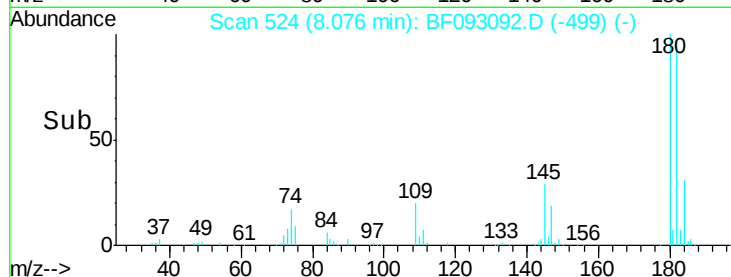
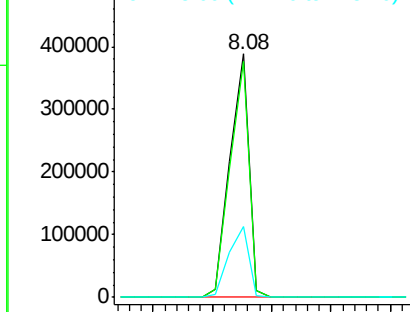
#30
1,2,4-Trichlorobenzene
Concen: 45.97 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion:180 Resp: 432576
Ion Ratio Lower Upper
180 100
182 96.8 78.2 117.4
145 29.0 21.6 32.4

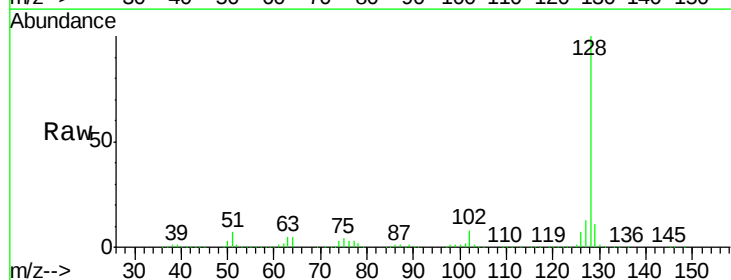


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

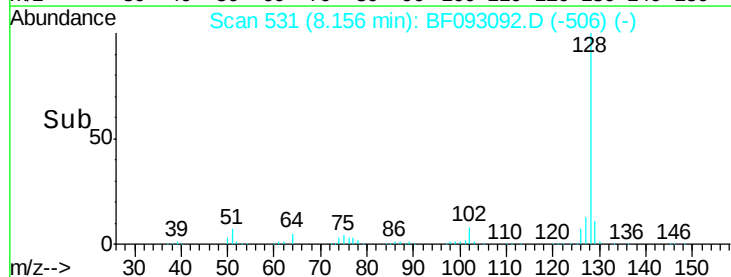
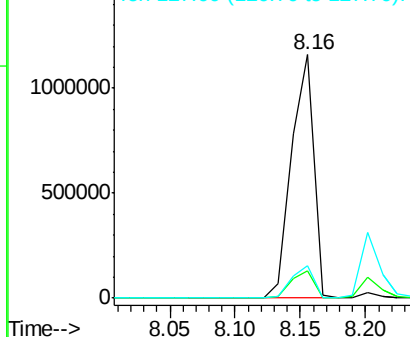


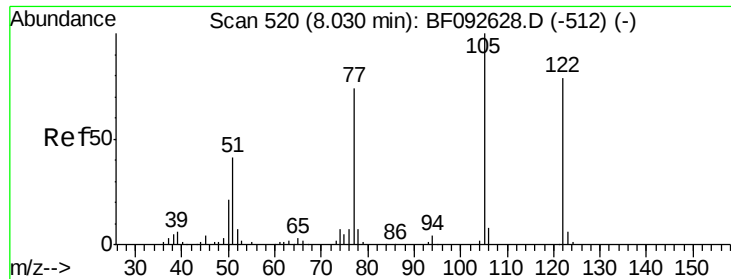
#31
Naphthalene
Concen: 45.23 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion:128 Resp: 1394306
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.5 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





#32

Benzoic acid

Concen: 63.39 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.14 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

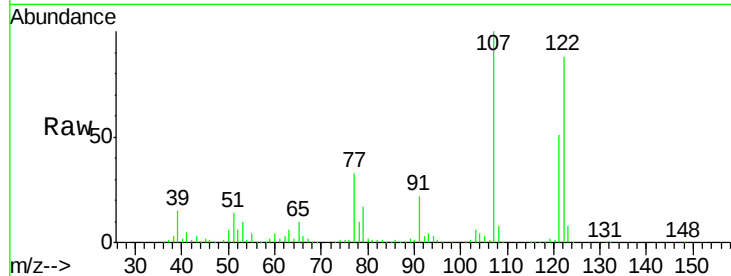
Tgt Ion:122 Resp: 350554

Ion Ratio Lower Upper

122 100

105 3.7 107.2 147.2#

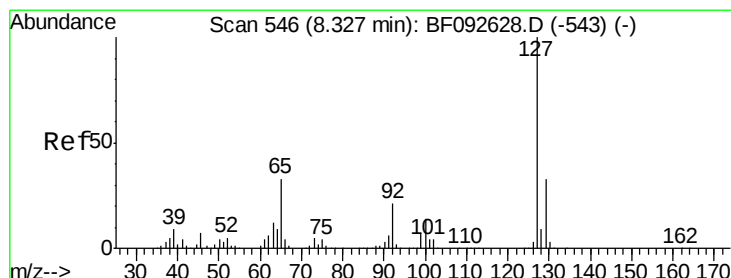
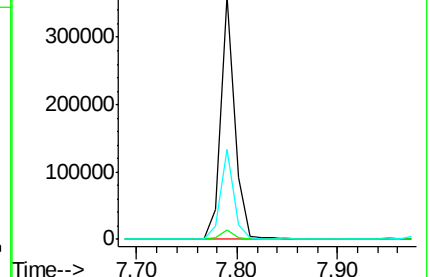
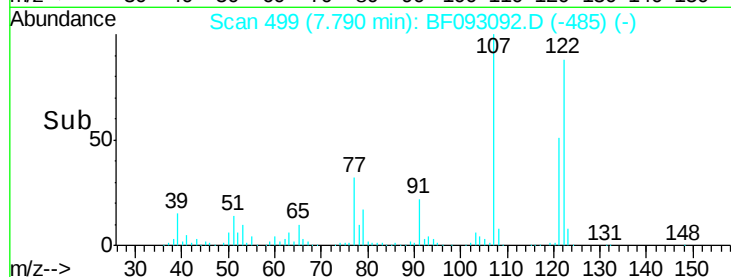
77 37.0 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 27.31 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Tgt Ion:127 Resp: 330206

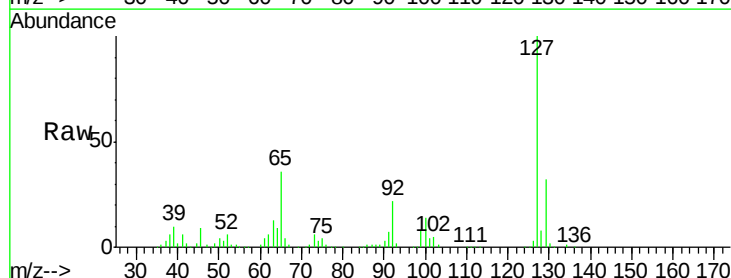
Ion Ratio Lower Upper

127 100

129 31.6 26.3 39.5

65 36.3 25.8 38.8

92 21.9 16.1 24.1

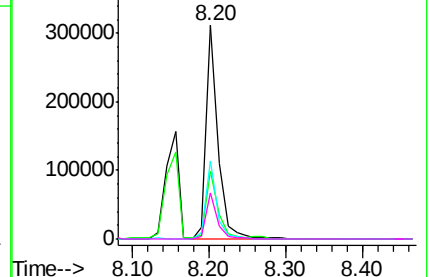
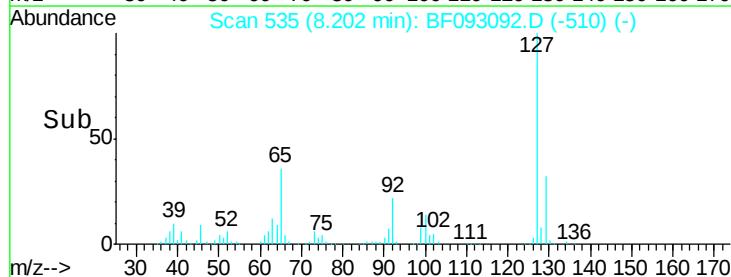


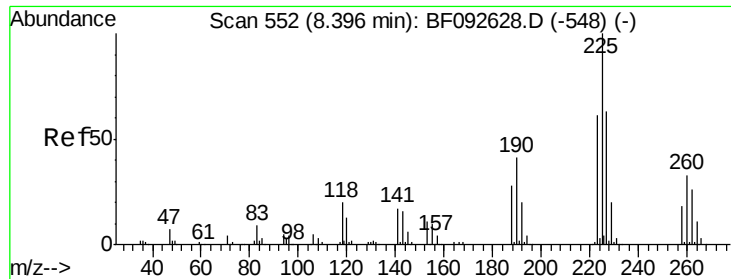
Abundance Ion 127.00 (126.70 to 127.70): E

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

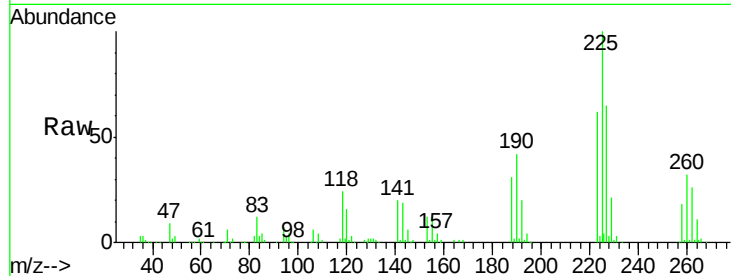




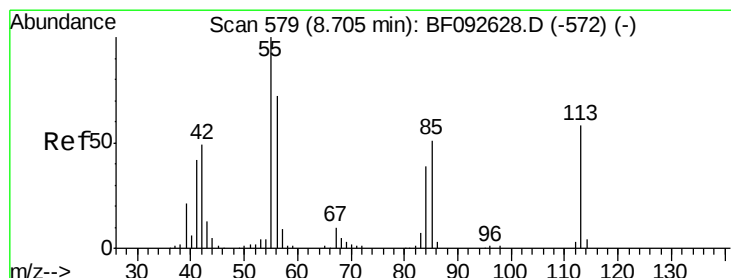
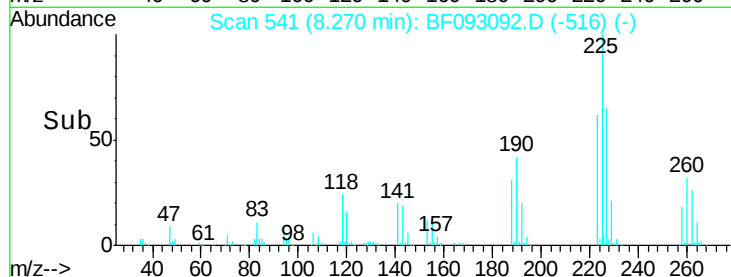
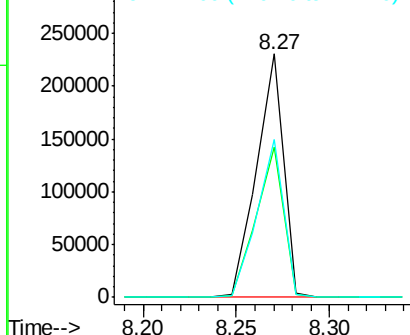
#34
Hexachlorobutadiene
Concen: 44.33 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion: 225 Resp: 229490
Ion Ratio Lower Upper
225 100
223 61.6 51.0 76.6
227 64.8 50.6 76.0

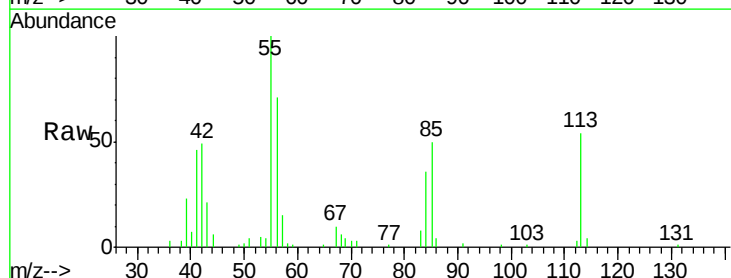


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

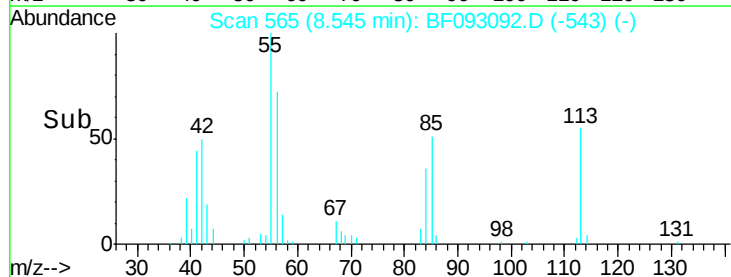
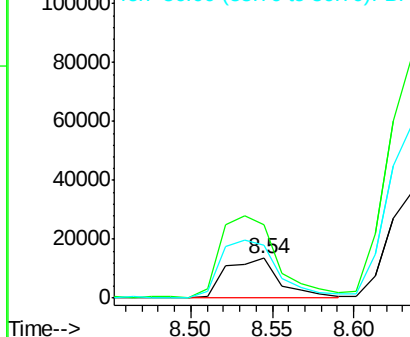


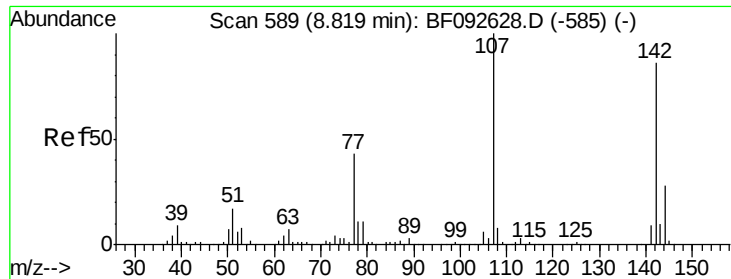
#35
Caprolactam
Concen: 11.35 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion: 113 Resp: 31160
Ion Ratio Lower Upper
113 100
55 186.3 119.2 159.2#
56 132.8 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

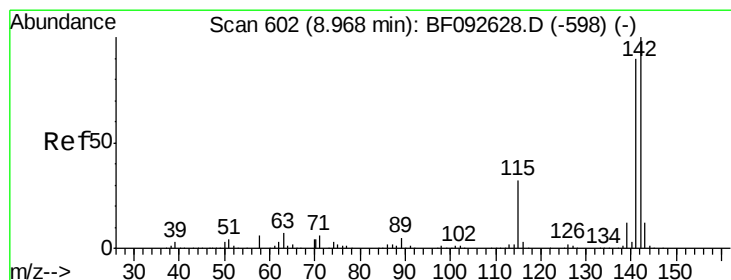
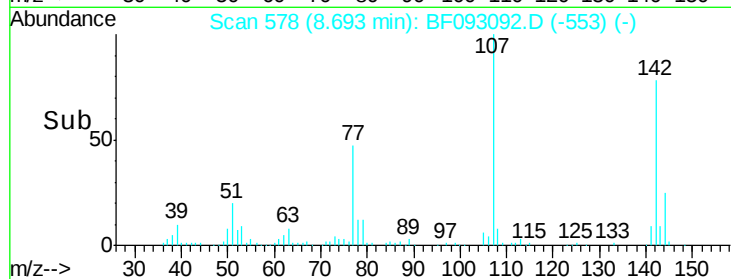
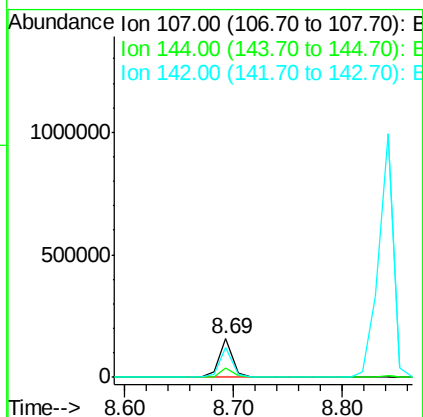
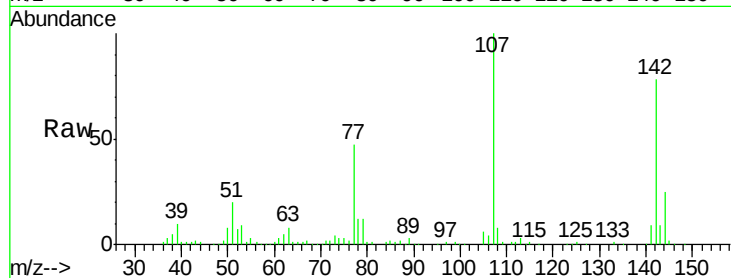




#36
 4-Chloro-3-methylphenol
 Concen: 14.87 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

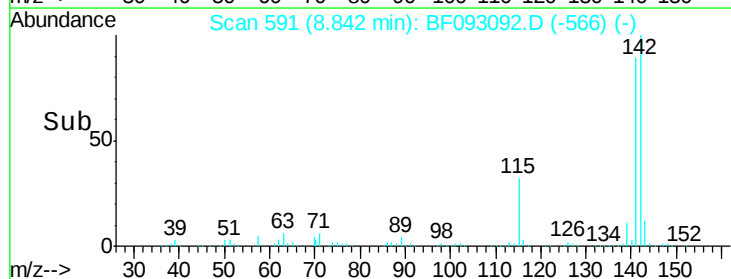
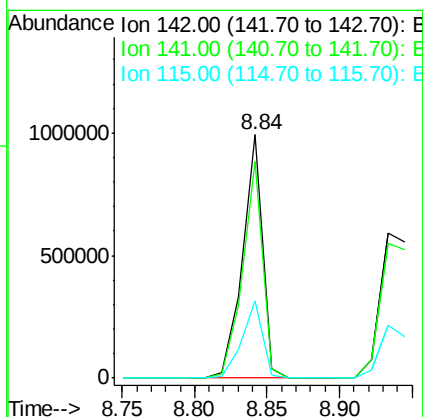
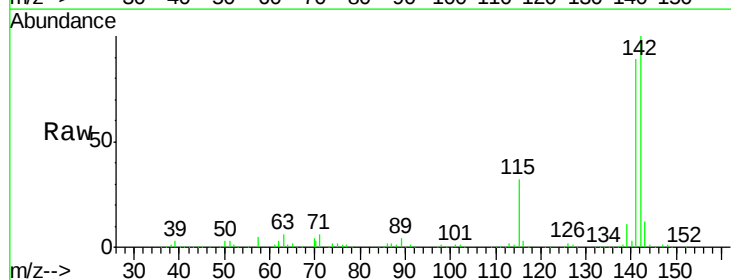
Instrument :
 BNA_F
 ClientSampleID :
 P-5MSD

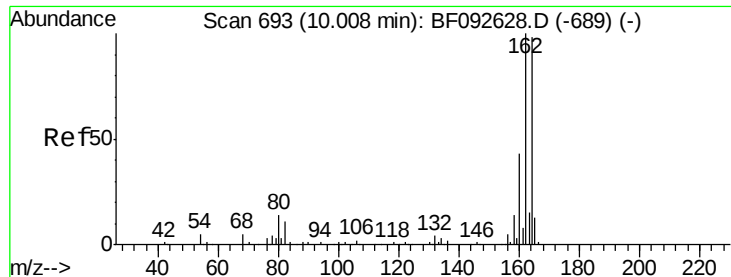
Tgt Ion:107 Resp: 135335
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 78.2 59.0 88.6



#37
 2-Methylnaphthalene
 Concen: 48.24 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

Tgt Ion:142 Resp: 954975
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 31.9 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

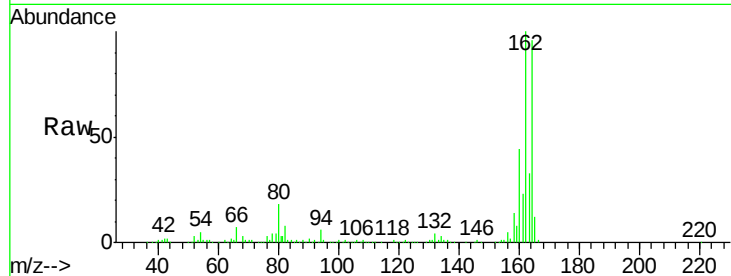
Tgt Ion:164 Resp: 295706

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

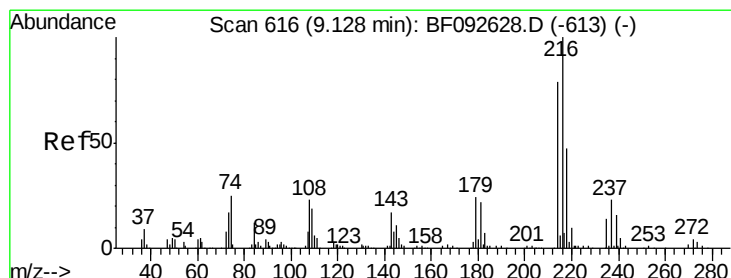
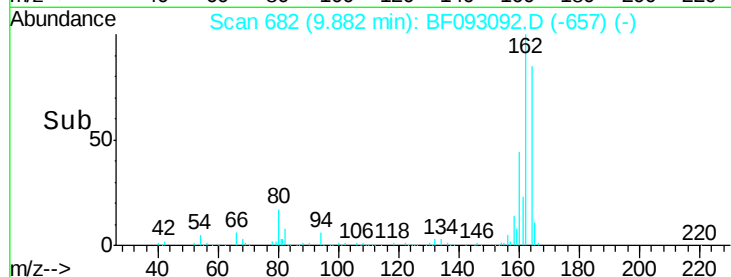
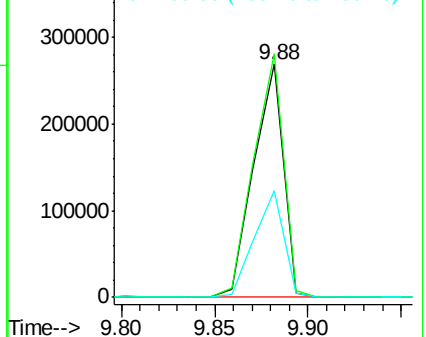
160 45.5 36.9 55.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.85 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Tgt Ion:216 Resp: 388857

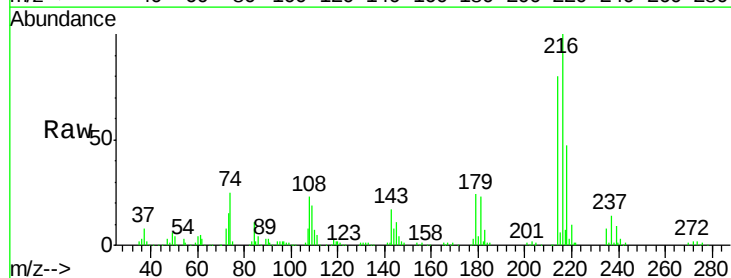
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.2 17.4 26.2

108 19.9 15.6 23.4

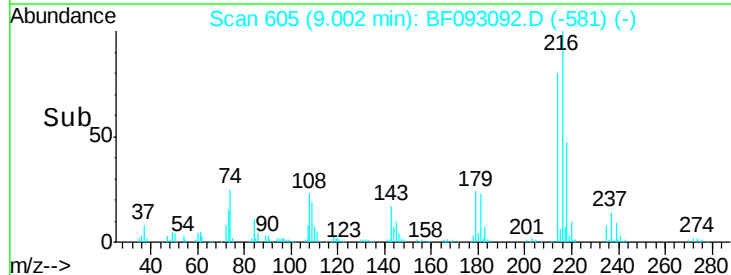
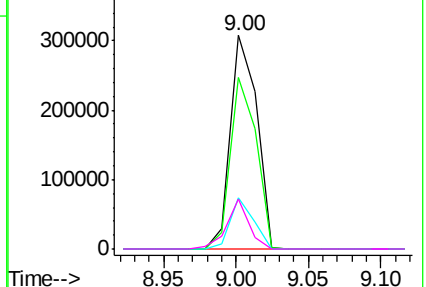


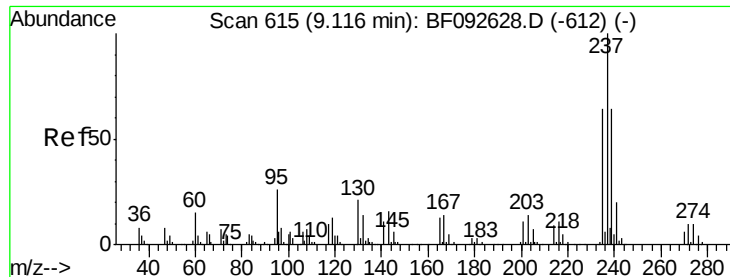
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 78.29 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

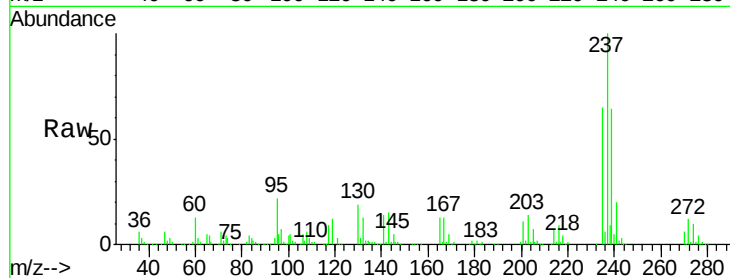
Tgt Ion:237 Resp: 293206

Ion Ratio Lower Upper

237 100

235 65.0 41.2 81.2

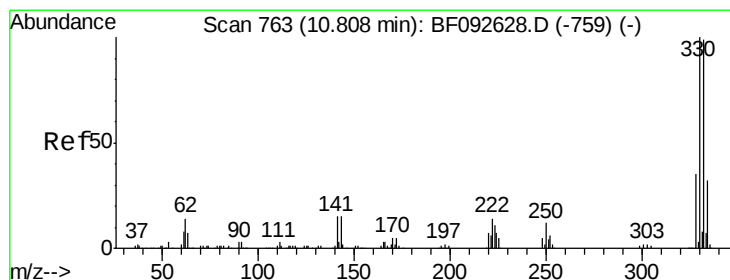
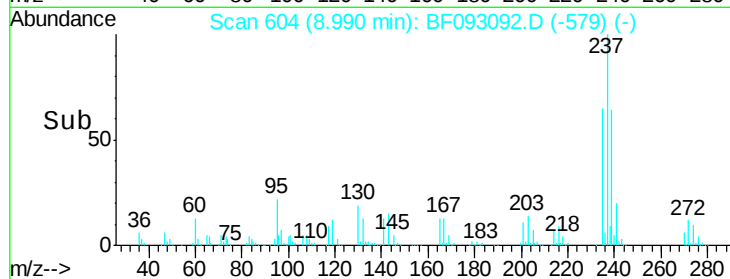
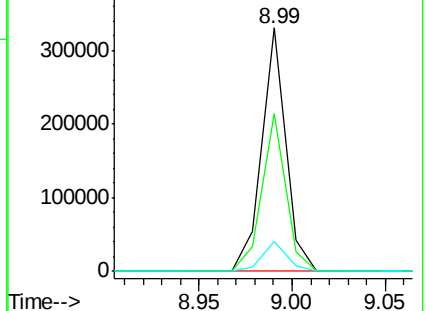
272 12.4 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 0.21 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

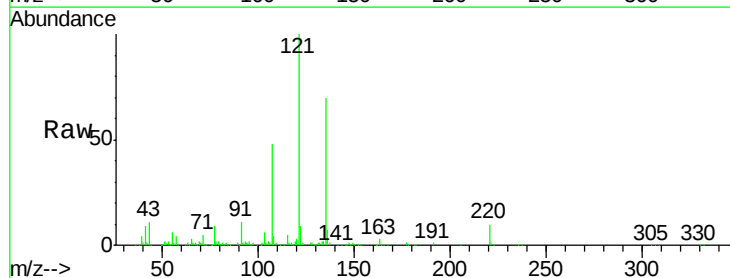
Tgt Ion:330 Resp: 444

Ion Ratio Lower Upper

330 100

332 94.6 77.4 116.2

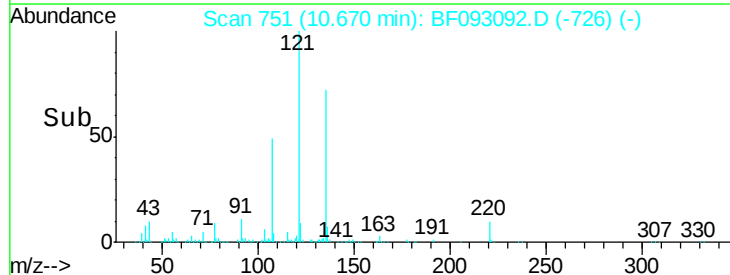
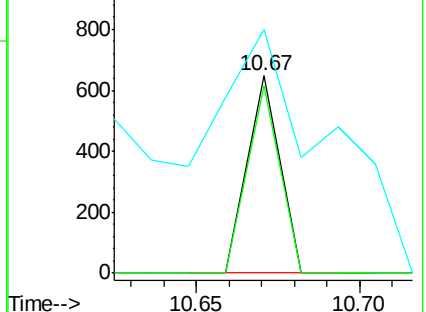
141 0.0 34.1 51.1#

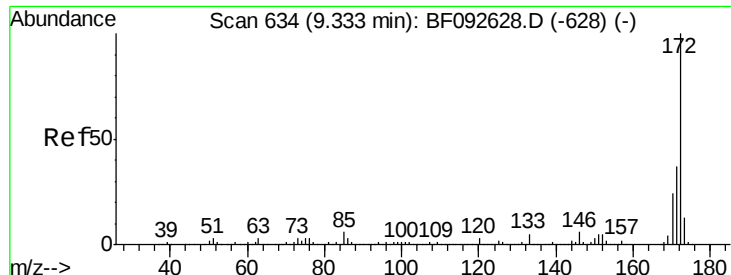


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

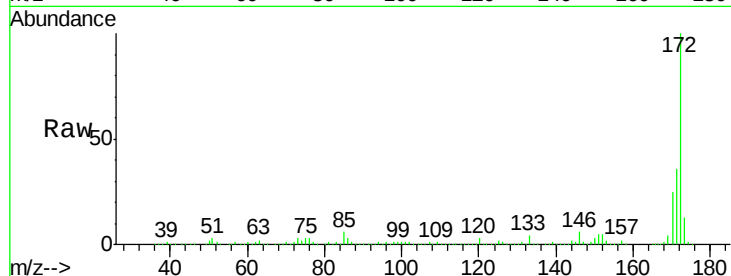




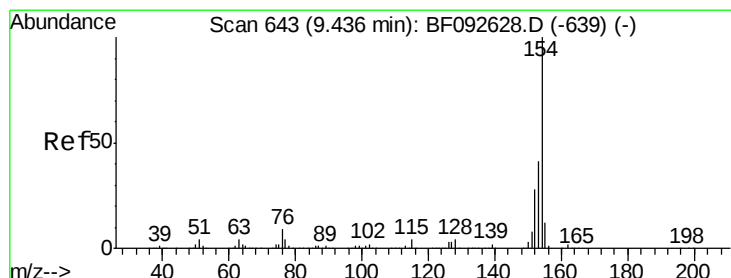
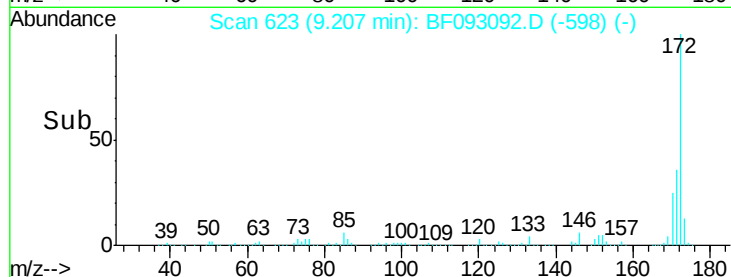
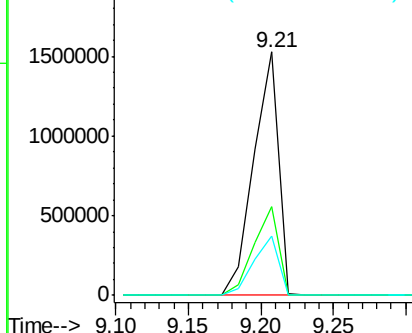
#44
2-Fluorobiphenyl
Concen: 110.85 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion:172 Resp: 1809340
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.6 20.2 30.4

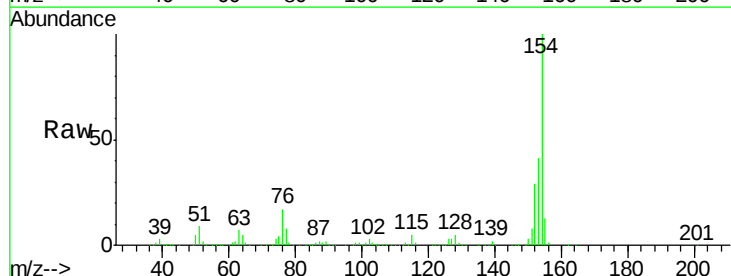


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

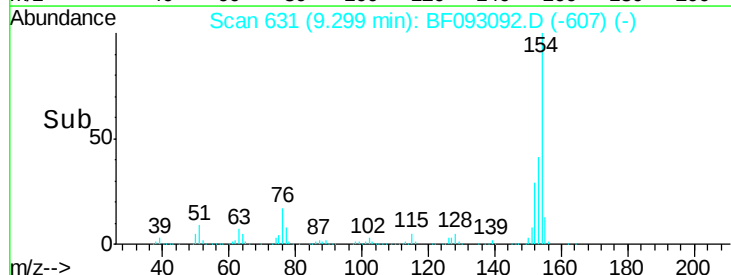
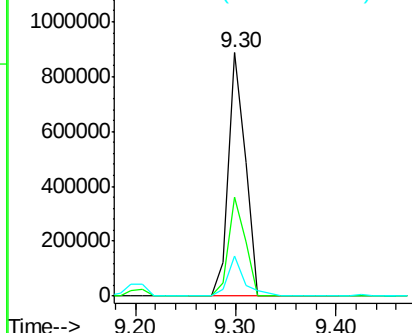


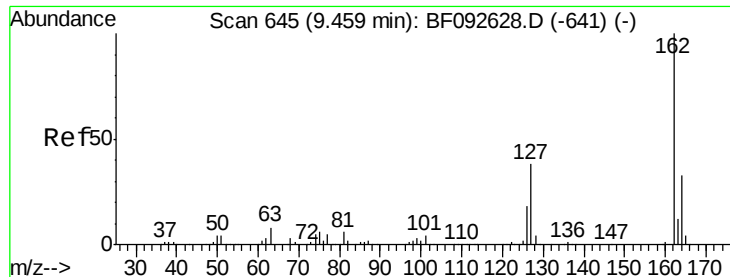
#45
1,1'-Biphenyl
Concen: 48.29 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion:154 Resp: 1033986
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 16.6 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

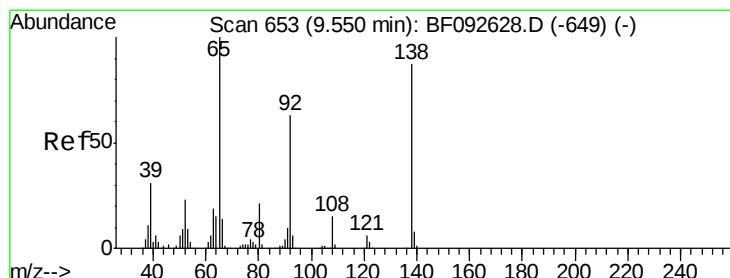
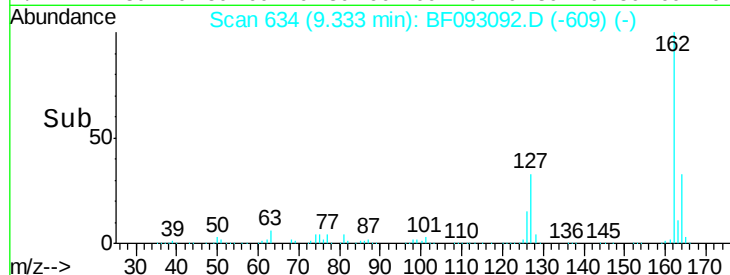
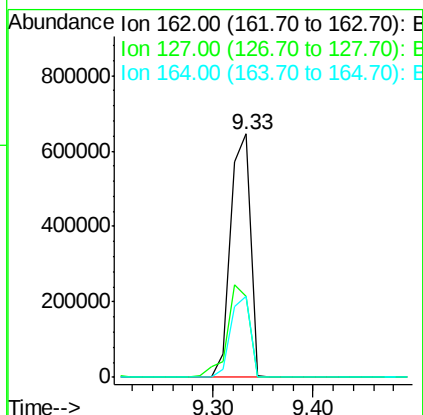
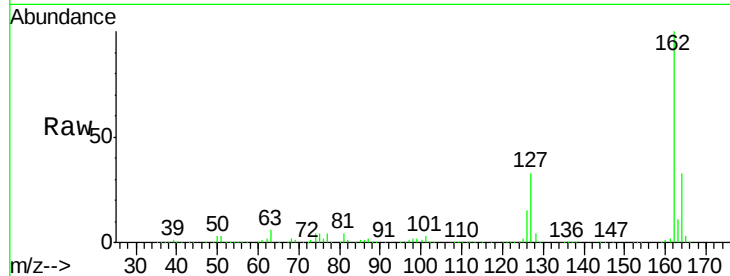




#46
 2-Chloronaphthalene
 Concen: 52.73 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

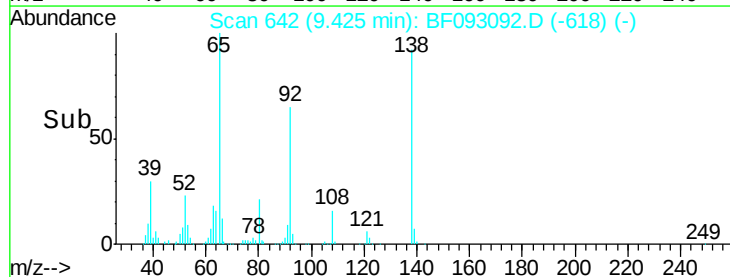
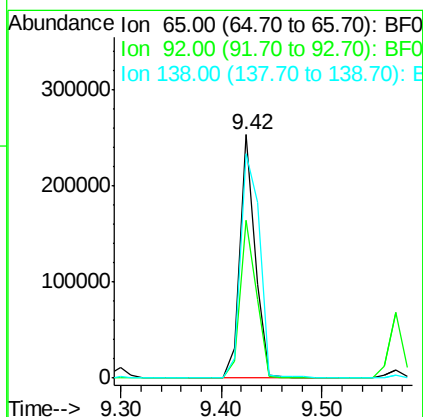
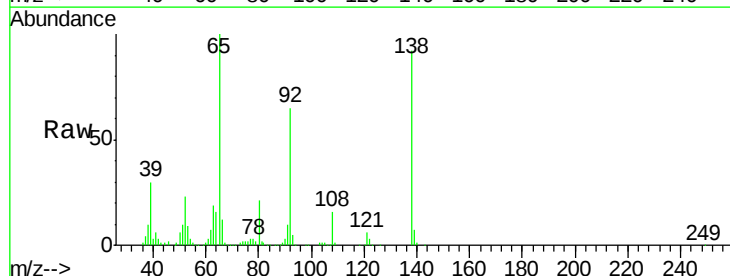
Instrument :
 BNA_F
 ClientSampleId :
 P-5MSD

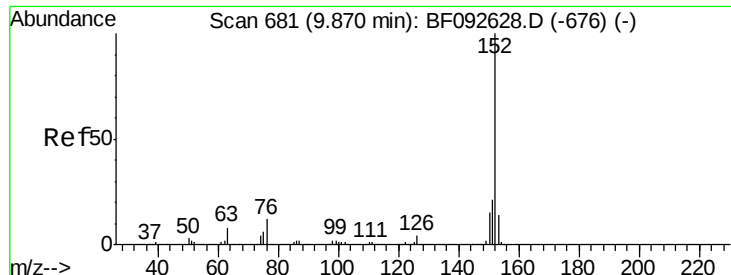
Tgt Ion: 162 Resp: 883242
 Ion Ratio Lower Upper
 162 100
 127 33.3 30.7 46.1
 164 33.1 27.6 41.4



#47
 2-Nitroaniline
 Concen: 47.40 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

Tgt Ion: 65 Resp: 266925
 Ion Ratio Lower Upper
 65 100
 92 65.1 53.9 80.9
 138 92.3 76.8 115.2





#48

Acenaphthylene

Concen: 48.92 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

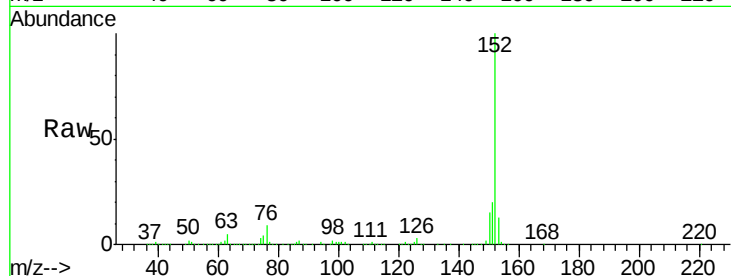
Tgt Ion:152 Resp: 1415442

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

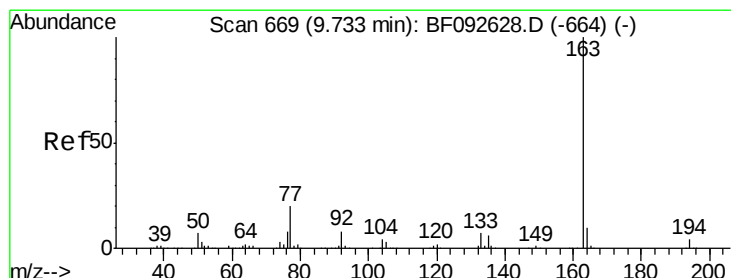
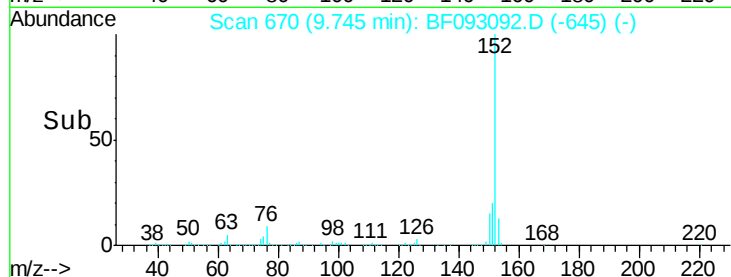
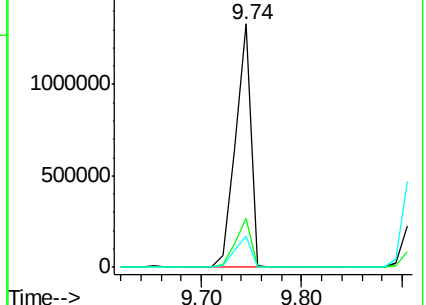
153 13.0 11.4 17.2



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: 56.72 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

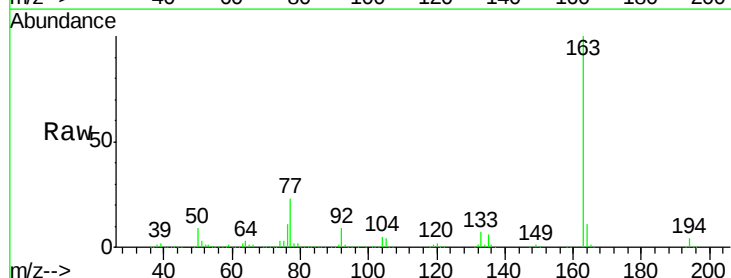
Tgt Ion:163 Resp: 1129682

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

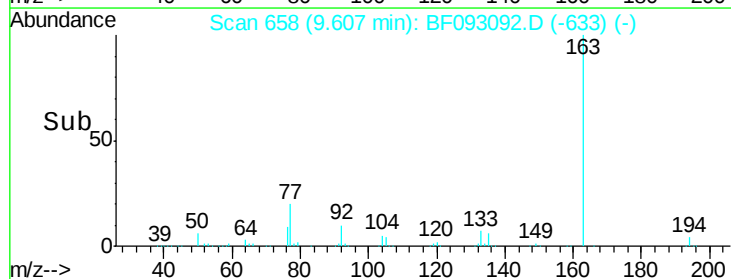
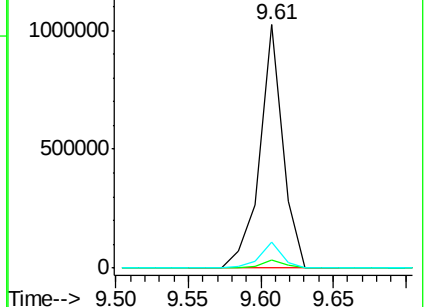
164 10.6 8.0 12.0

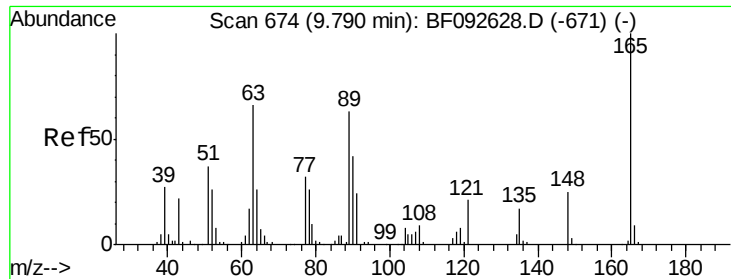


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

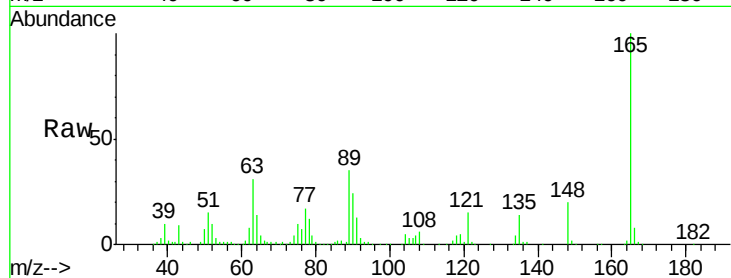




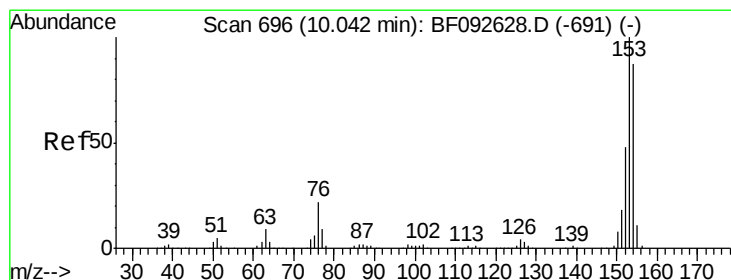
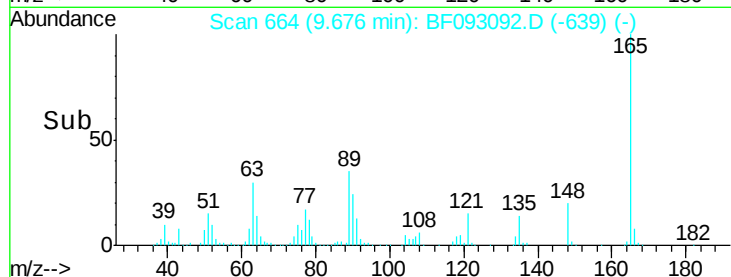
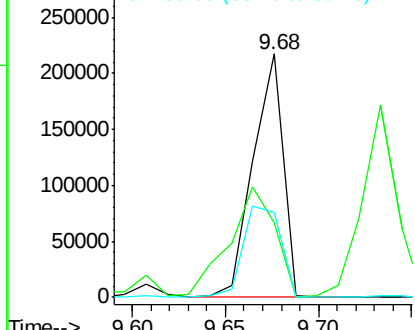
#50
2,6-Dinitrotoluene
Concen: 56.03 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion:165 Resp: 240990
Ion Ratio Lower Upper
165 100
63 30.7 36.2 54.4#
89 34.8 40.2 60.4#

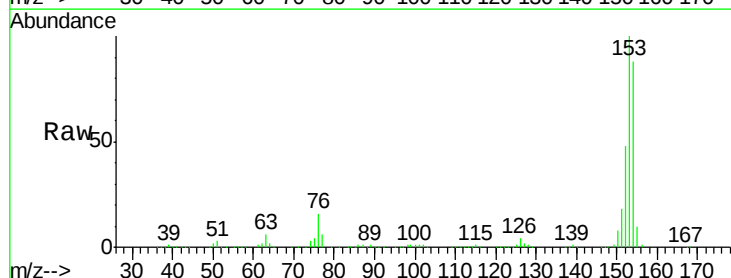


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

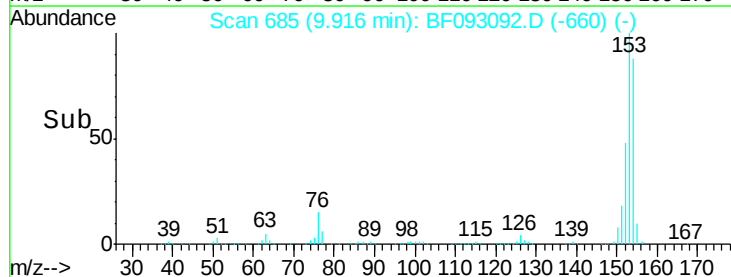
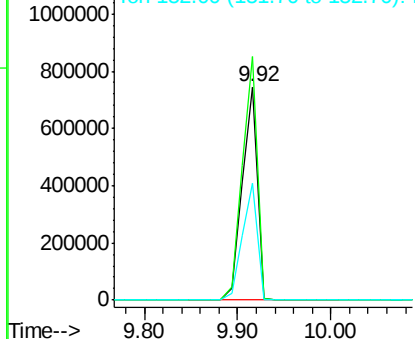


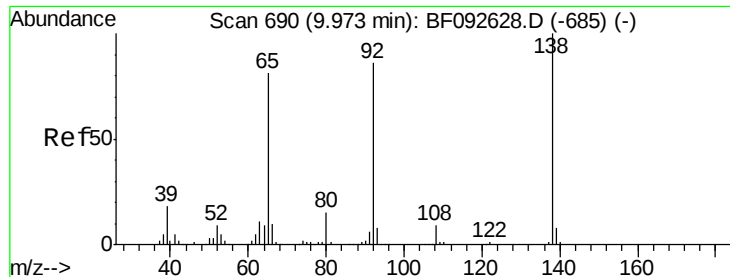
#51
Acenaphthene
Concen: 47.94 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion:154 Resp: 829433
Ion Ratio Lower Upper
154 100
153 114.3 88.6 133.0
152 54.8 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





#52

3-Nitroaniline

Concen: 40.72 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

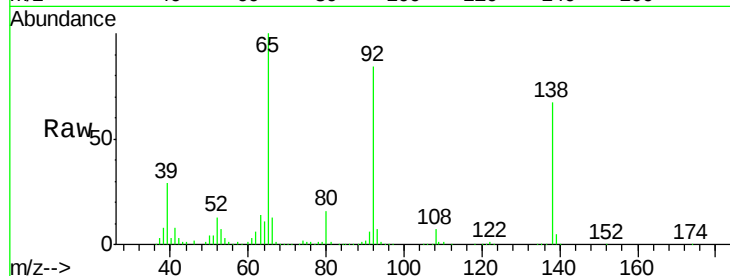
Tgt Ion:138 Resp: 200439

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

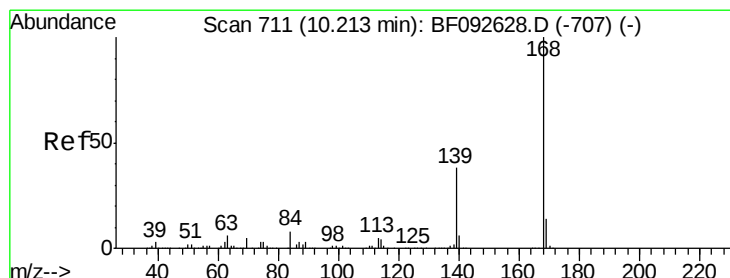
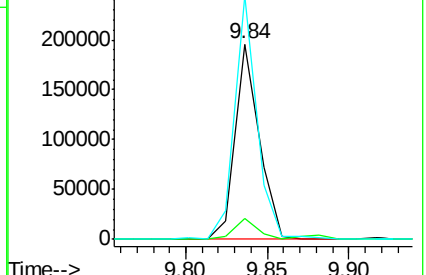
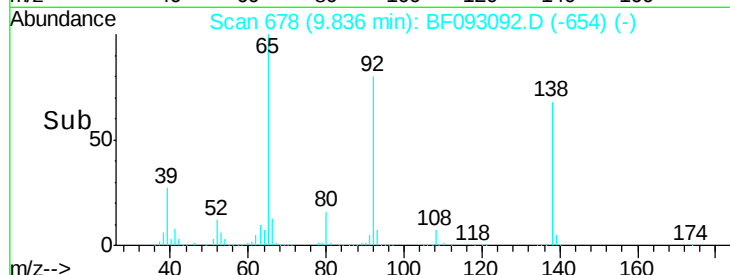
92 124.5 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 52.84 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

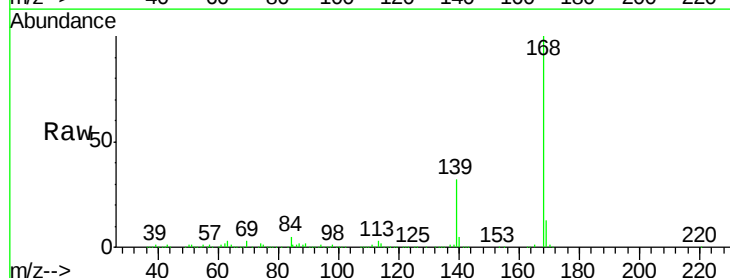
Tgt Ion:168 Resp: 1222705

Ion Ratio Lower Upper

168 100

139 32.3 32.6 49.0#

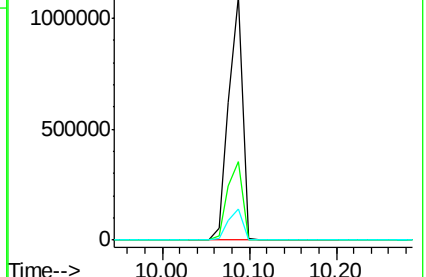
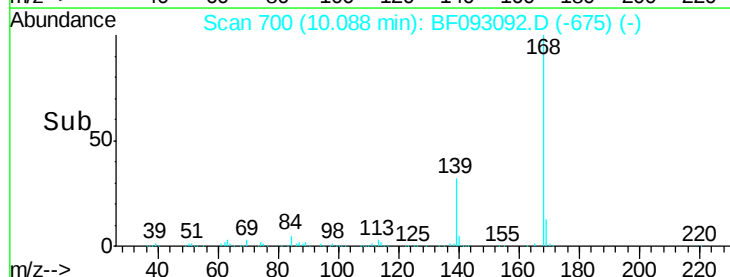
169 13.0 11.3 16.9

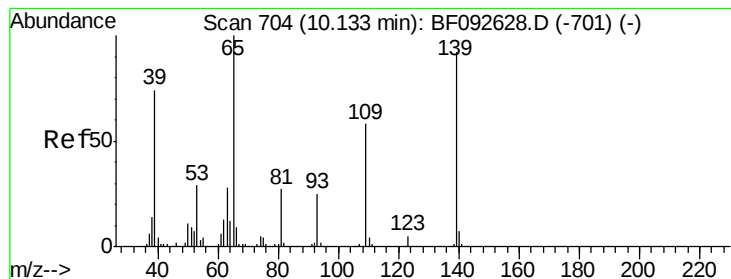


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 120.91 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.07 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

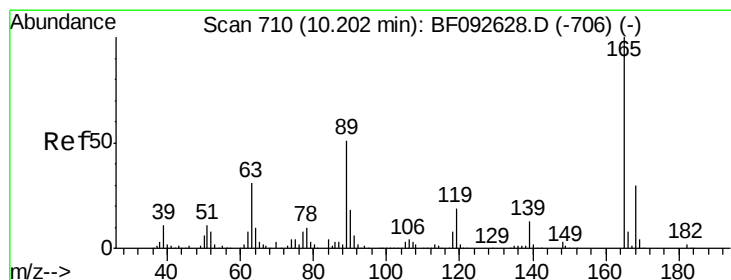
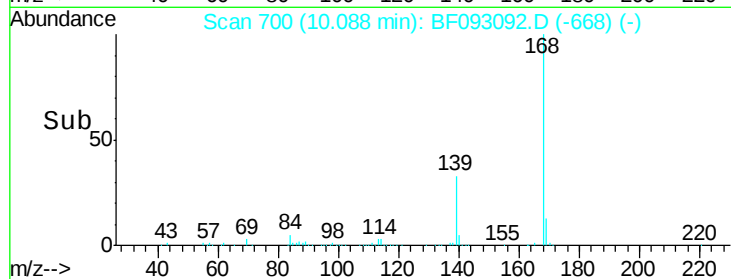
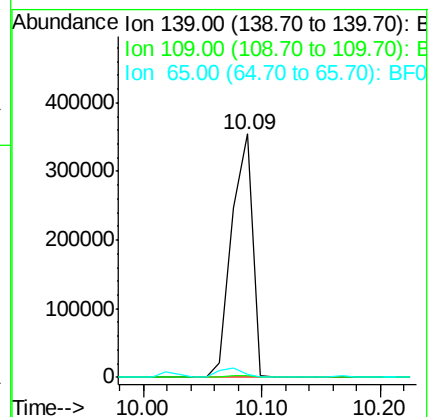
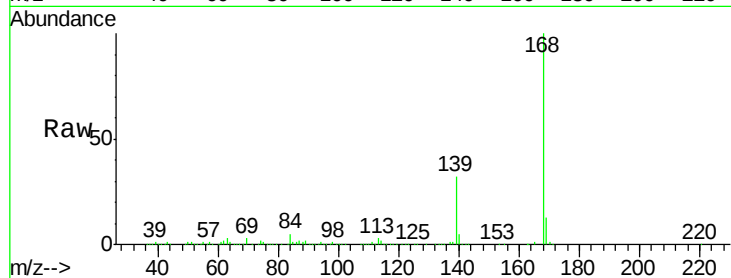
Tgt Ion:139 Resp: 428681

Ion Ratio Lower Upper

139 100

109 0.7 52.2 92.2#

65 1.3 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 54.12 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Tgt Ion:165 Resp: 309921

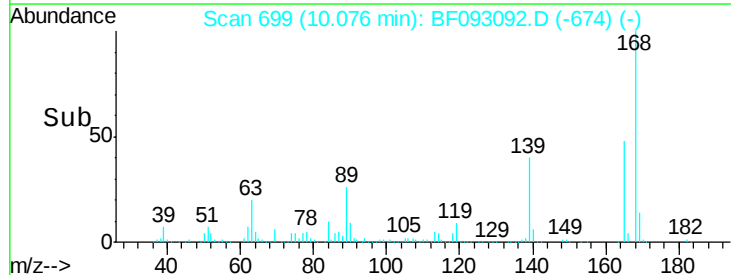
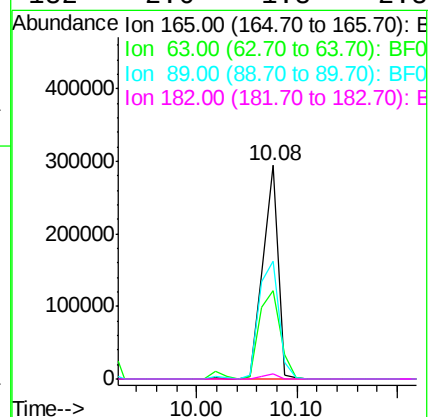
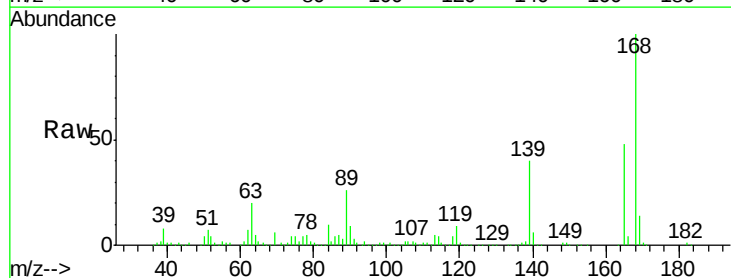
Ion Ratio Lower Upper

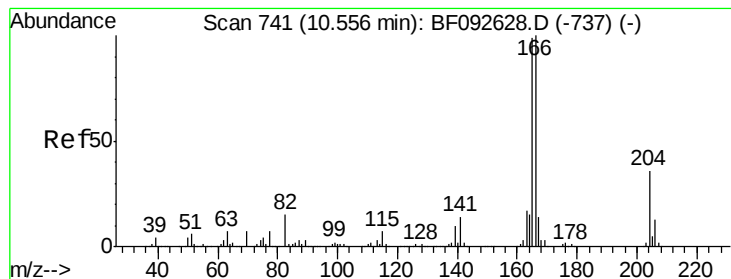
165 100

63 41.3 40.2 60.4

89 55.2 62.5 93.7#

182 2.6 1.8 2.8





#57

Fluorene

Concen: 48.29 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

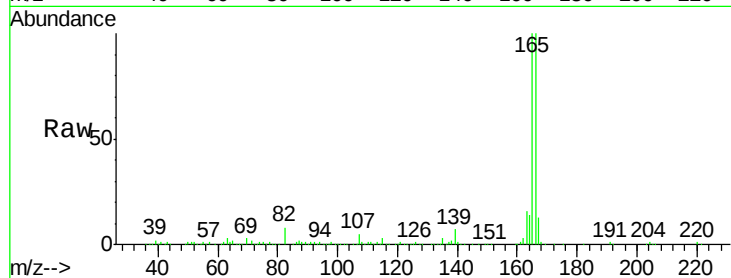
Tgt Ion:166 Resp: 859681

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

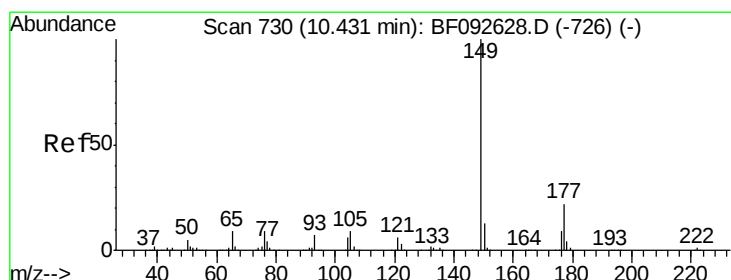
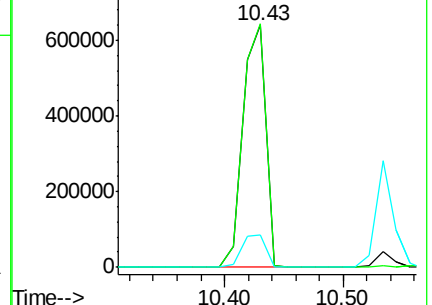
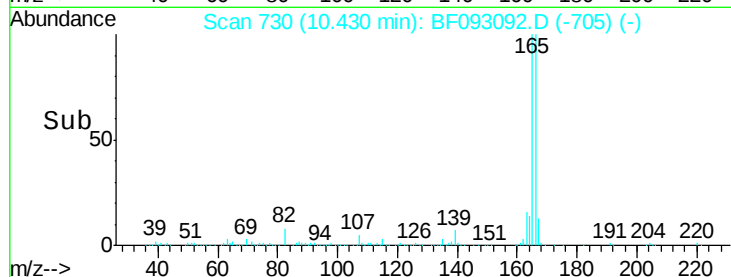
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 51.53 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

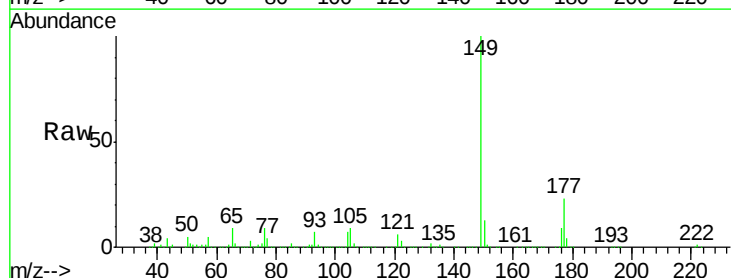
Tgt Ion:149 Resp: 967211

Ion Ratio Lower Upper

149 100

177 22.6 16.6 25.0

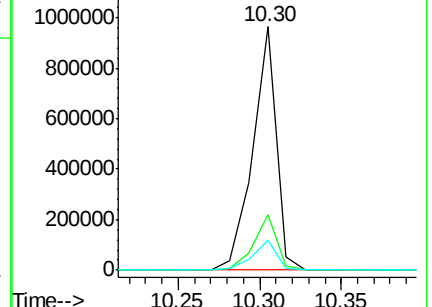
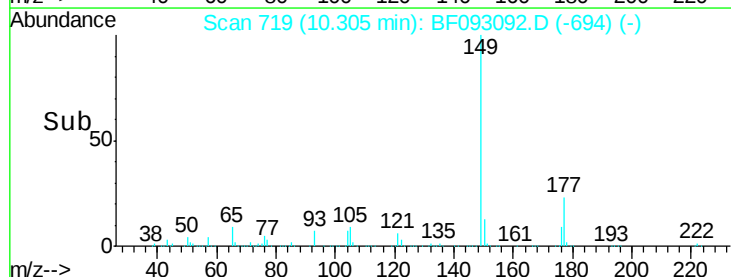
150 12.5 10.4 15.6

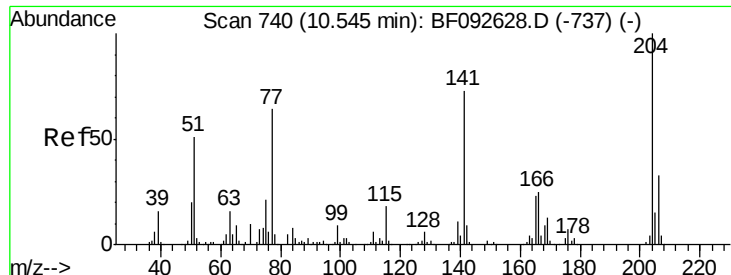


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

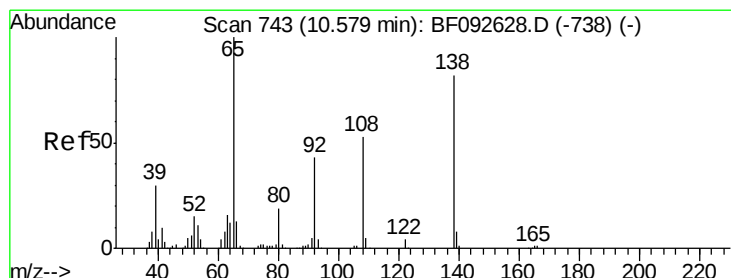
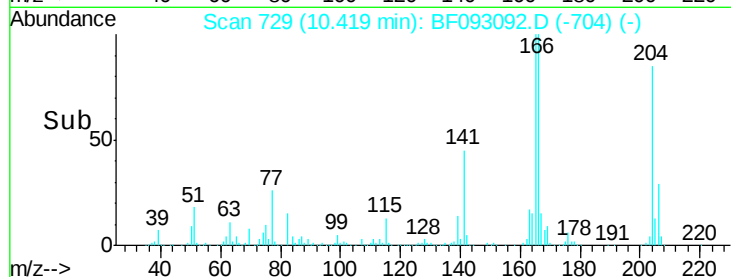
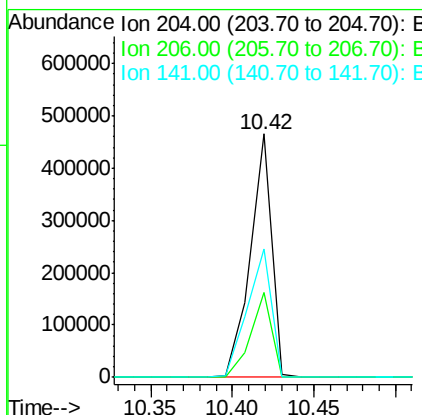
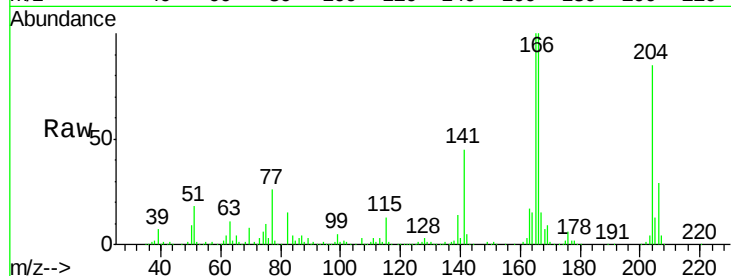




#60
4-Chlorophenyl-phenylether
Concen: 49.62 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

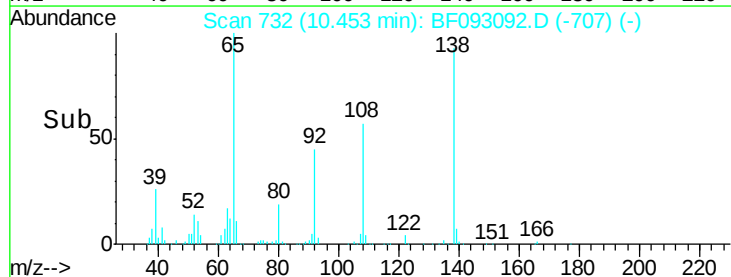
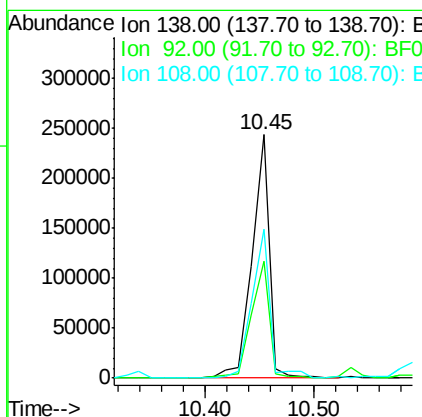
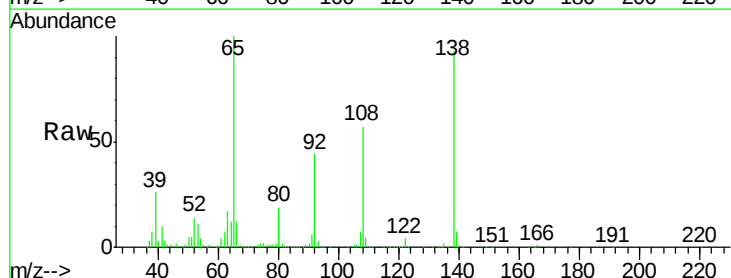
Instrument :
BNA_F
ClientSampleId :
P-5MSD

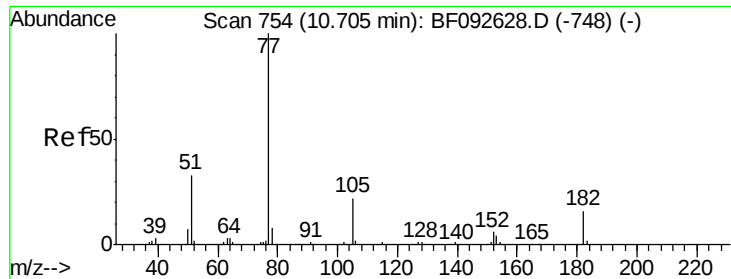
Tgt Ion: 204 Resp: 424335
Ion Ratio Lower Upper
204 100
206 34.8 25.8 38.6
141 52.6 59.4 89.0#



#61
4-Nitroaniline
Concen: 53.51 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion: 138 Resp: 269808
Ion Ratio Lower Upper
138 100
92 48.0 31.7 71.7
108 61.1 52.6 92.6

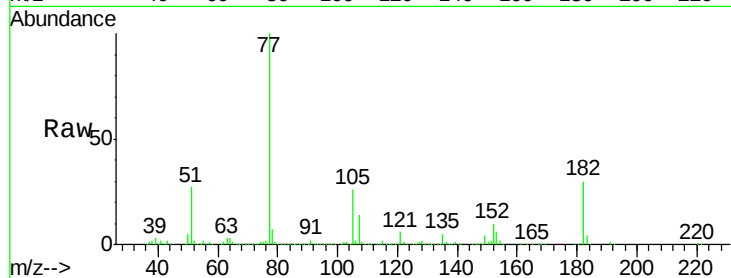




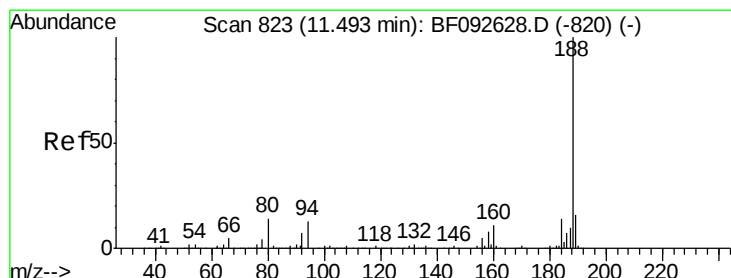
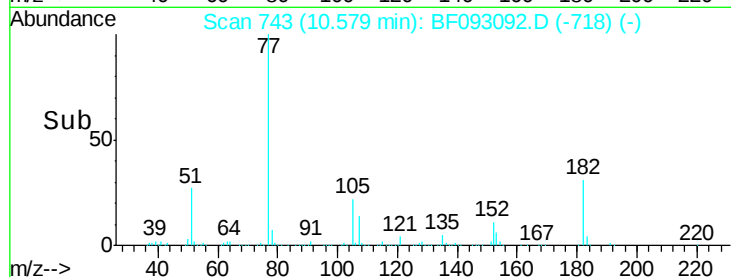
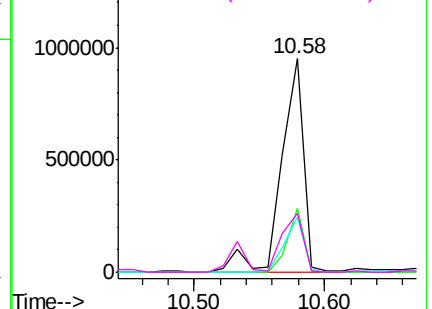
#62
Azobenzene
Concen: 58.85 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion: 77 Resp: 1141228
Ion Ratio Lower Upper
77 100
182 30.2 0.0 39.3
105 25.7 2.3 42.3
51 27.4 8.9 48.9

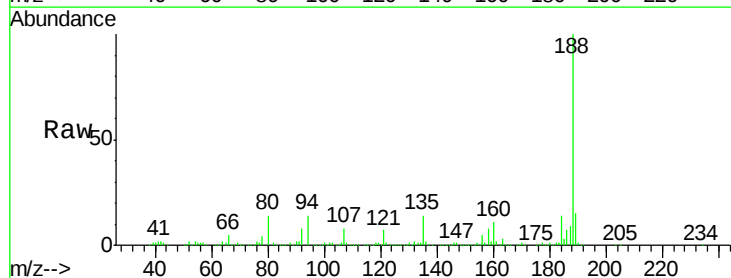


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

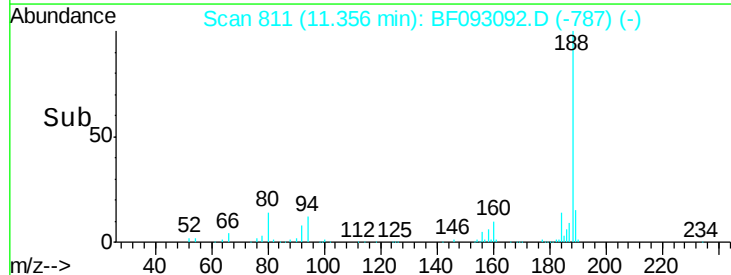
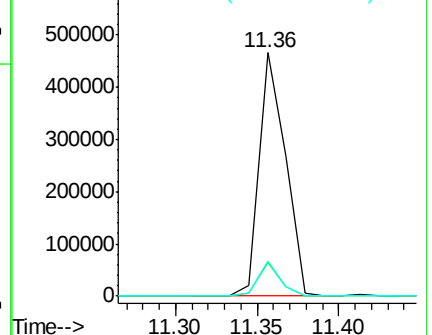


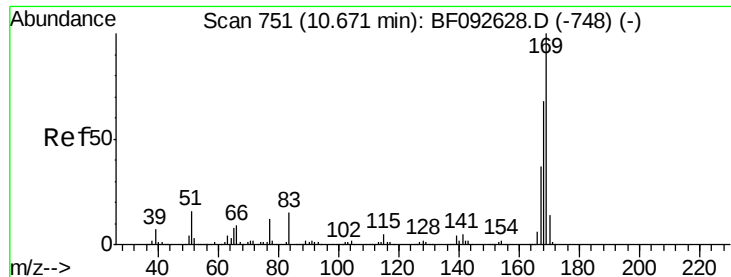
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion: 188 Resp: 523459
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 14.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

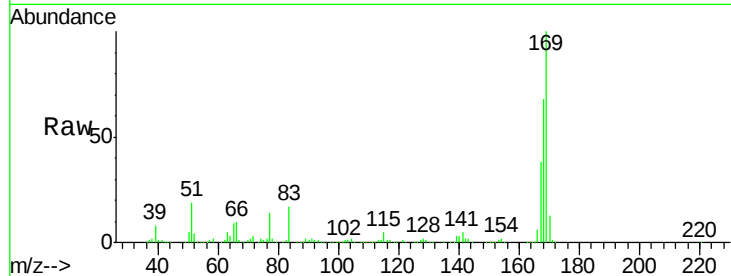




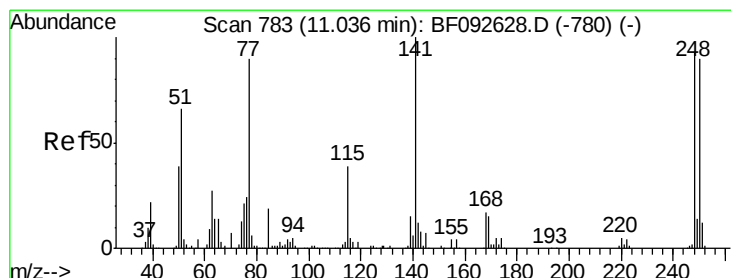
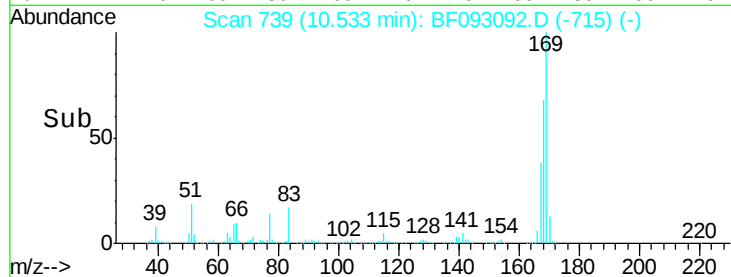
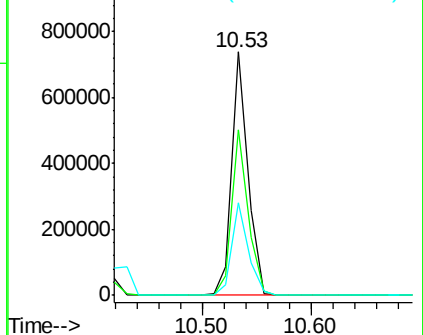
#65
n-Nitrosodiphenylamine
Concen: 44.90 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion:169 Resp: 750773
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.2
167 38.1 30.2 45.4

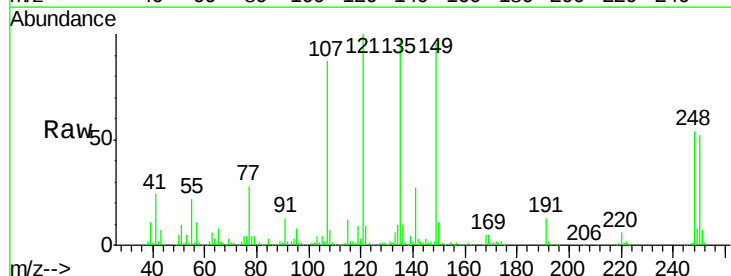


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

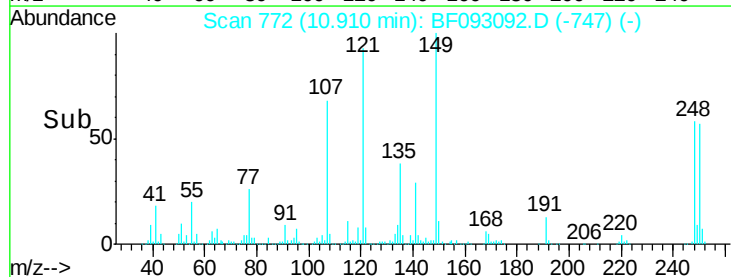
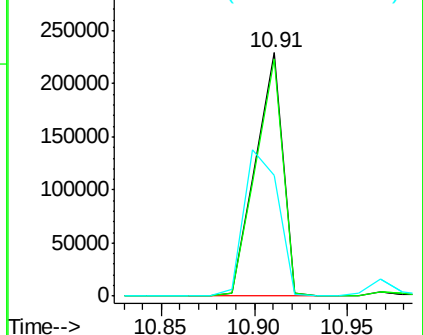


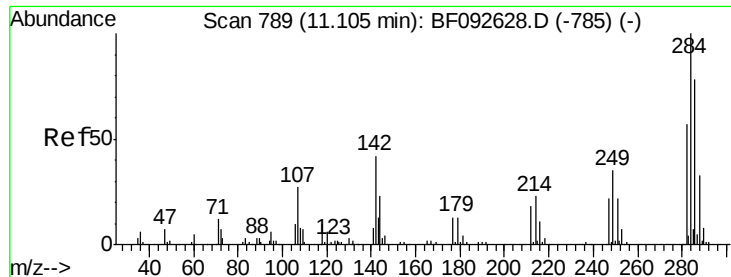
#66
4-Bromophenyl-phenylether
Concen: 43.36 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion:248 Resp: 237152
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 49.4 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

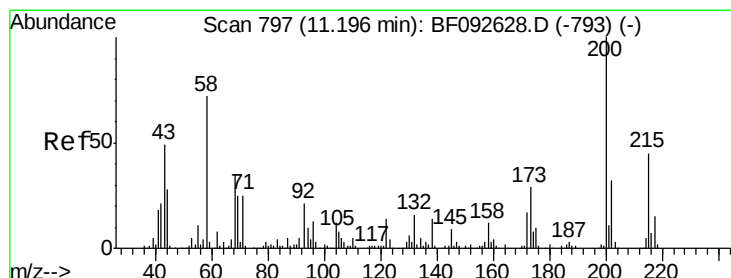
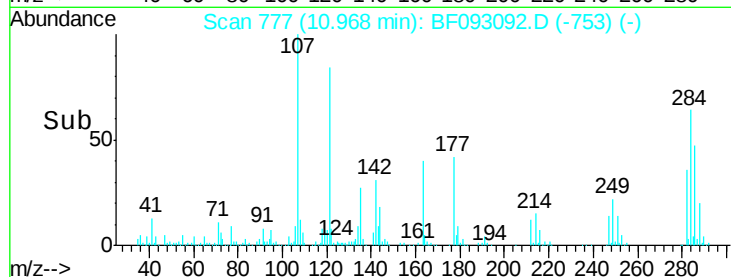
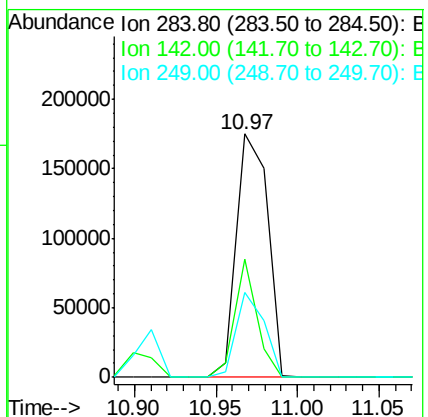
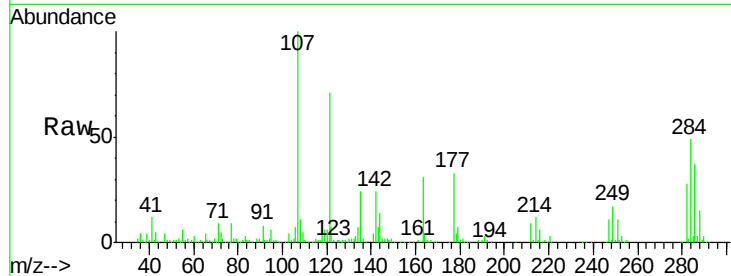




#67
Hexachlorobenzene
Concen: 42.74 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

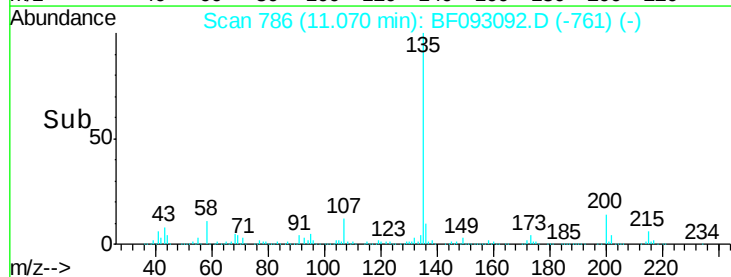
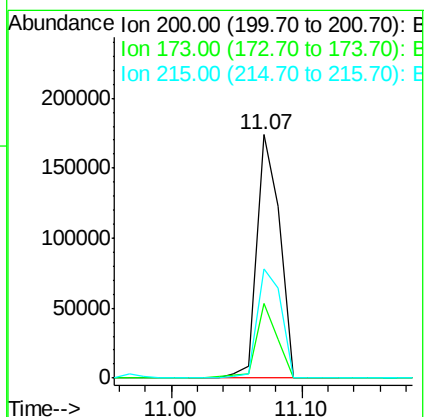
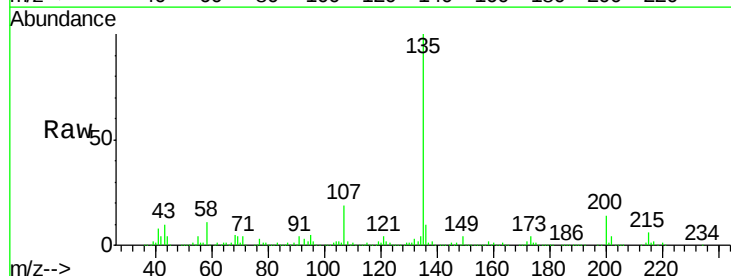
Instrument :
BNA_F
ClientSampleId :
P-5MSD

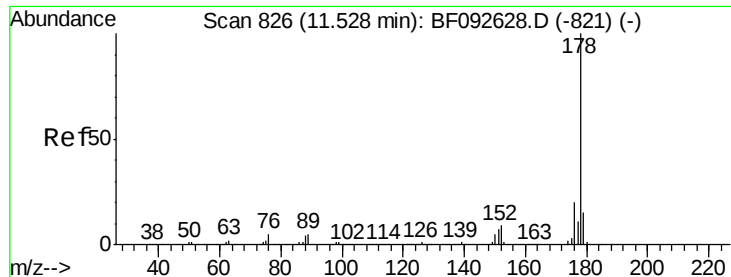
Tgt Ion:284 Resp: 231006
Ion Ratio Lower Upper
284 100
142 48.5 22.6 33.8#
249 35.1 25.4 38.0



#68
Atrazine
Concen: 39.60 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion:200 Resp: 212499
Ion Ratio Lower Upper
200 100
173 30.6 9.6 49.6
215 44.9 25.7 65.7

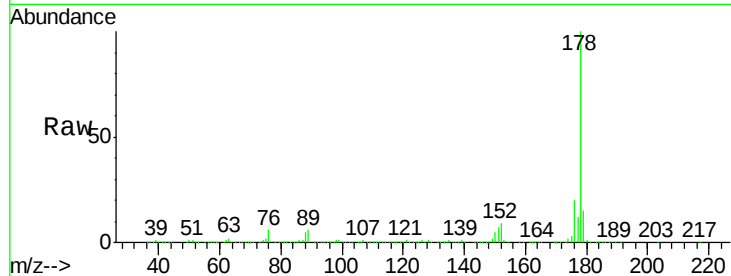




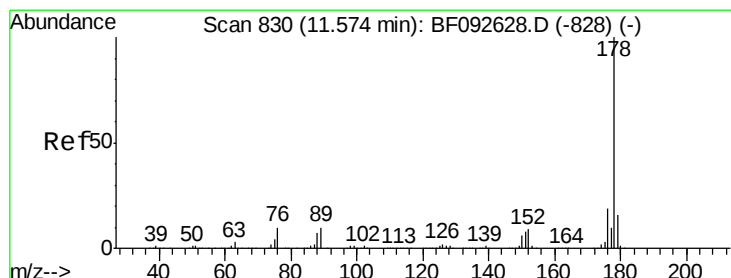
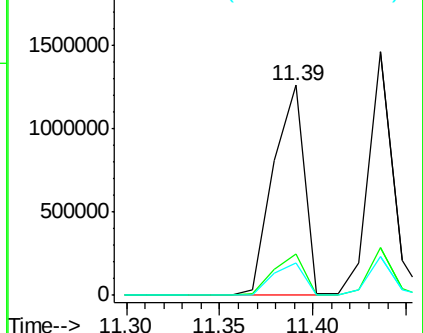
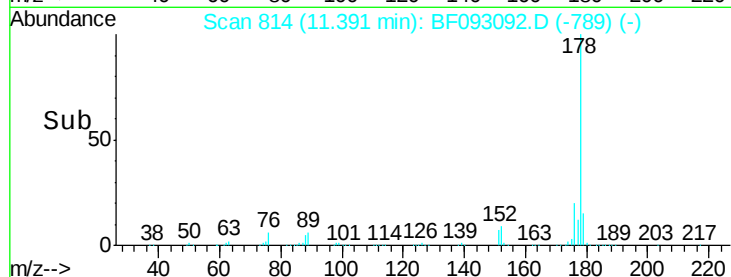
#70
 Phenanthrene
 Concen: 48.69 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 P-5MSD

Tgt Ion:178 Resp: 1460135
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 15.1 12.8 19.2

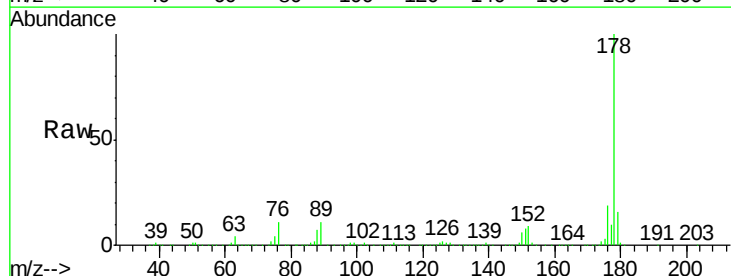


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

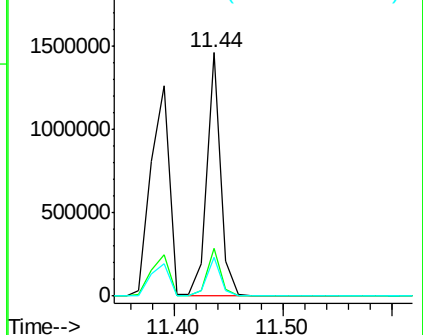
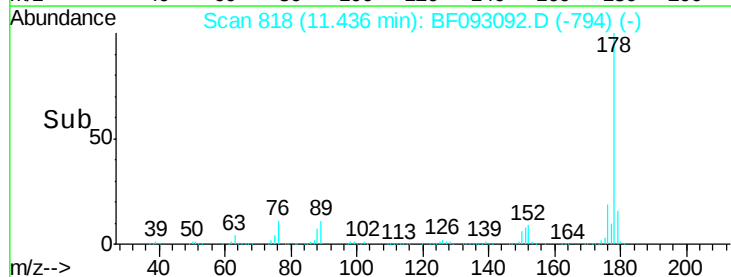


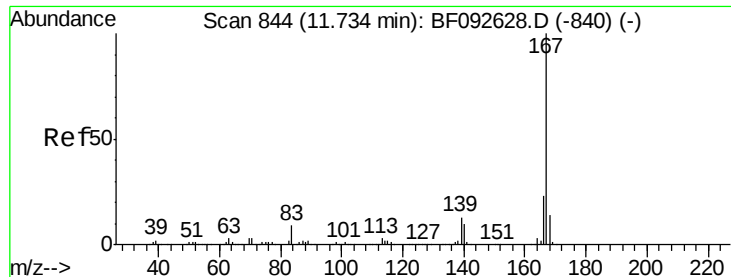
#71
 Anthracene
 Concen: 42.88 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

Tgt Ion:178 Resp: 1291494
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.88 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

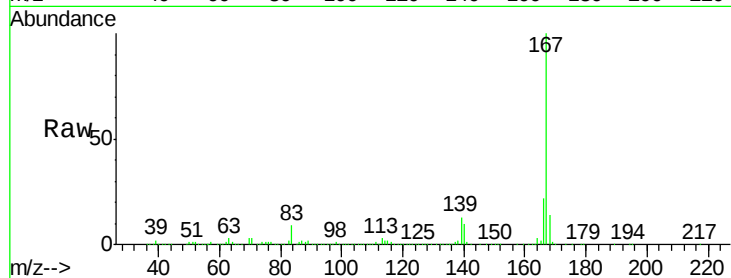
Tgt Ion:167 Resp: 1320933

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

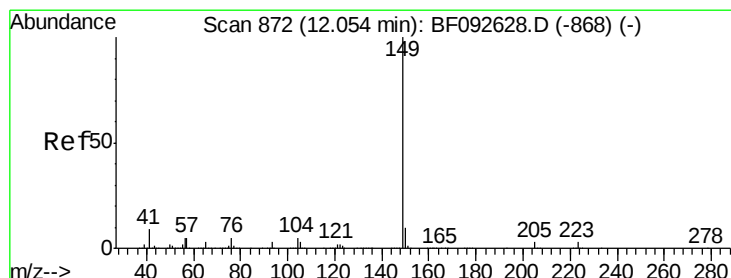
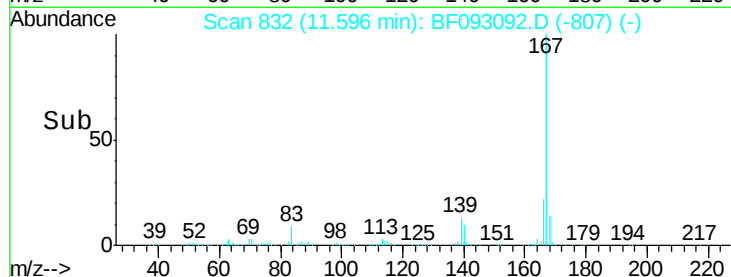
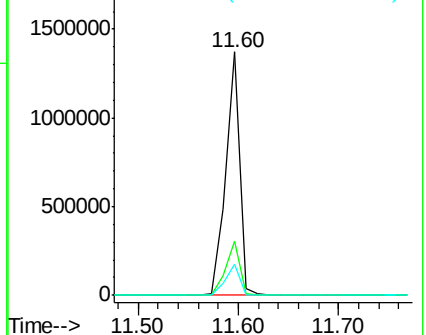
139 12.9 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 67.87 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

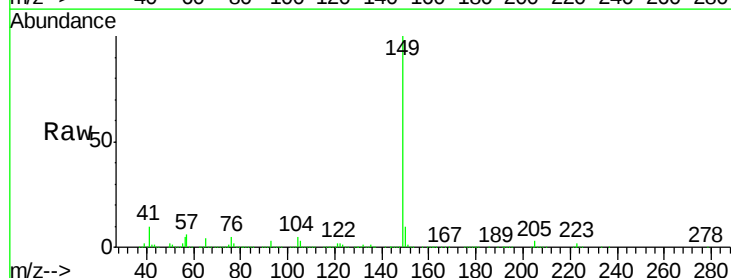
Tgt Ion:149 Resp: 2113002

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

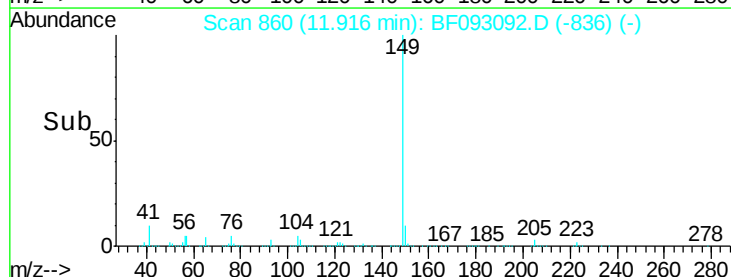
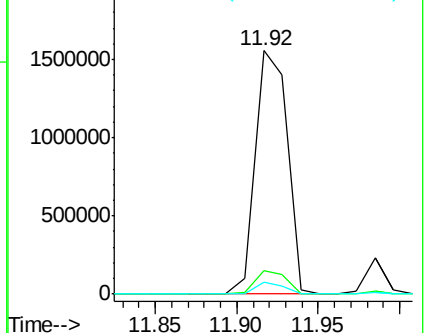
104 4.9 4.6 7.0

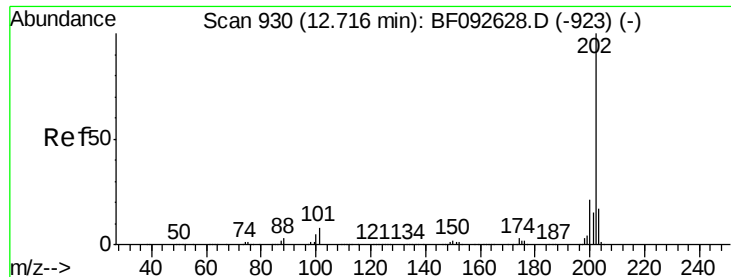


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

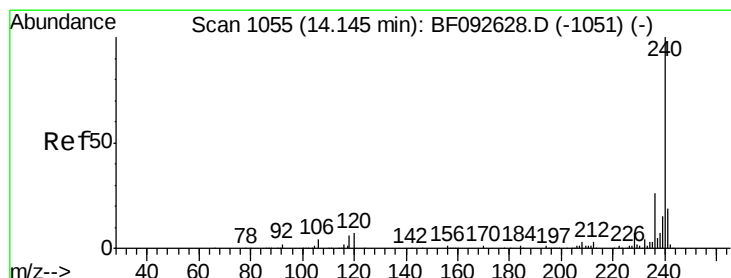
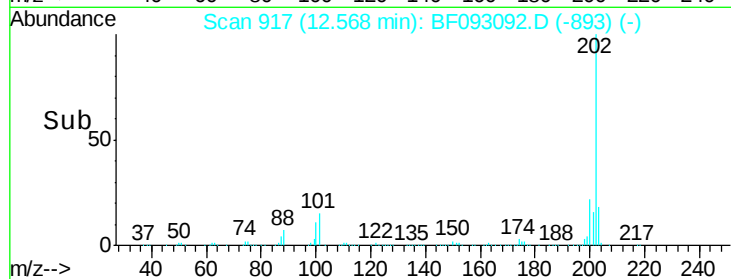
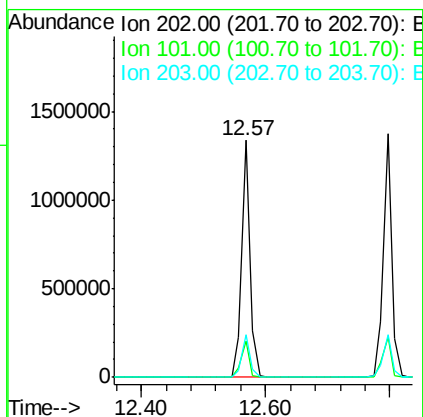
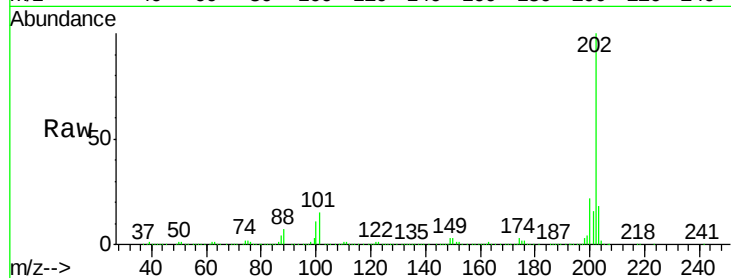




#74
 Fluoranthene
 Concen: 41.05 ng
 RT: 12.57 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

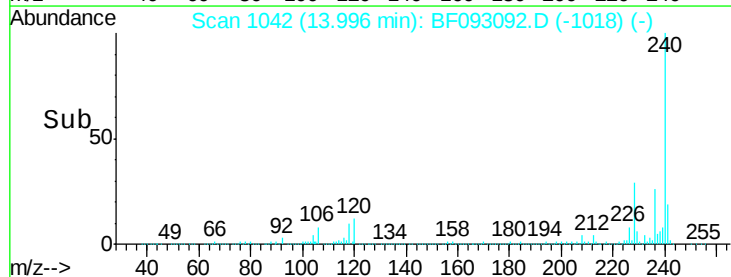
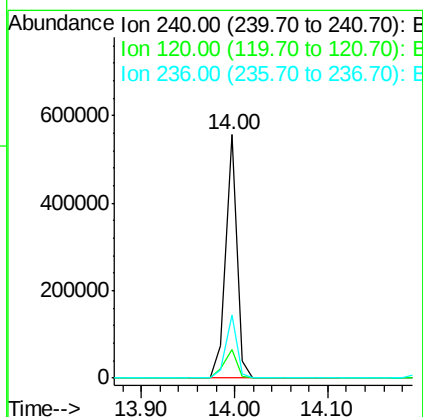
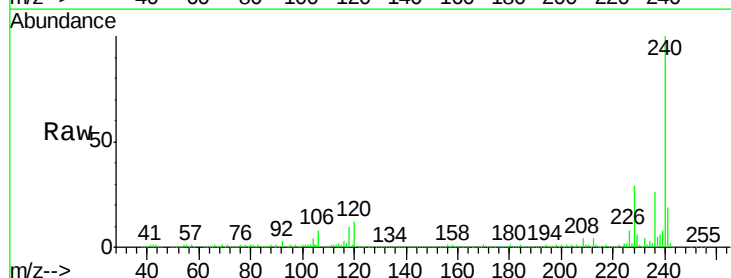
Instrument :
 BNA_F
 ClientSampleId :
 P-5MSD

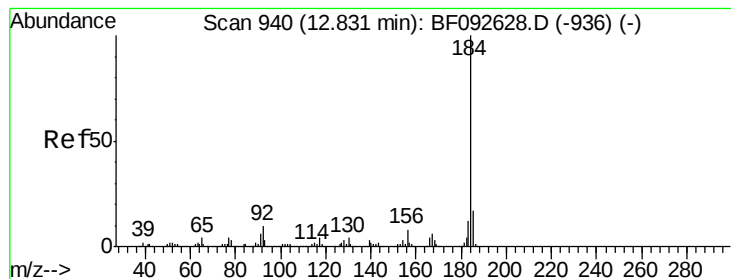
Tgt Ion: 202 Resp: 1269702
 Ion Ratio Lower Upper
 202 100
 101 15.1 0.0 34.6
 203 18.2 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093092.D
 Acq: 22 Feb 2017 23:00

Tgt Ion: 240 Resp: 465967
 Ion Ratio Lower Upper
 240 100
 120 11.6 12.9 19.3#
 236 25.8 20.9 31.3





#76

Benzidine

Concen: 14.80 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

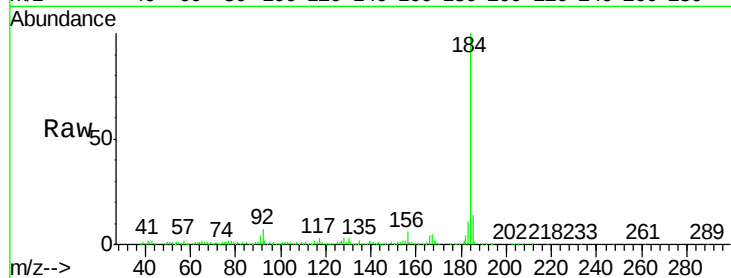
Tgt Ion:184 Resp: 293839

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

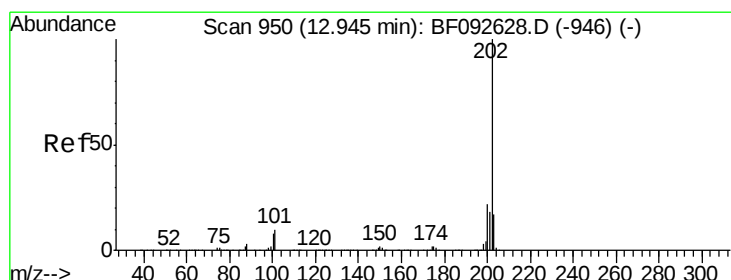
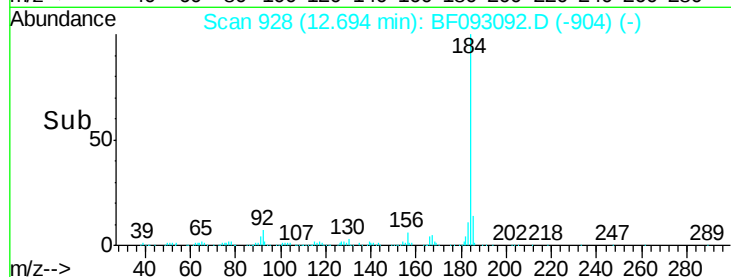
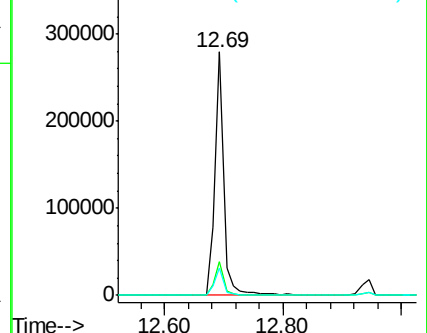
183 11.5 9.2 13.8



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: 37.80 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

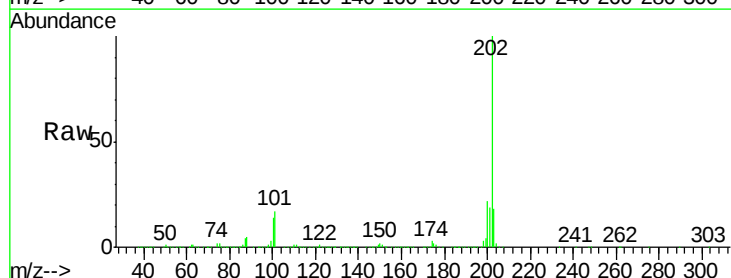
Tgt Ion:202 Resp: 1317996

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

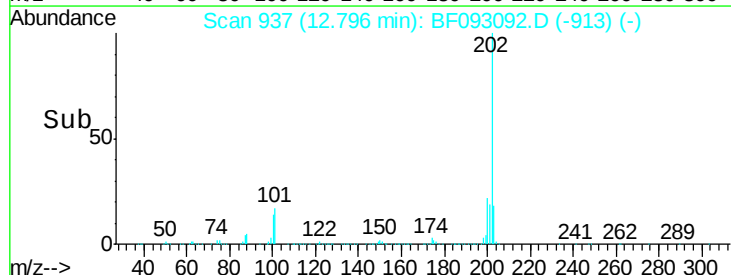
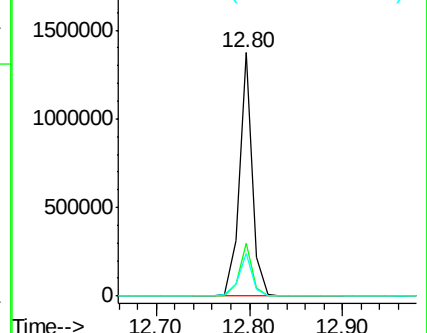
203 17.7 14.7 22.1

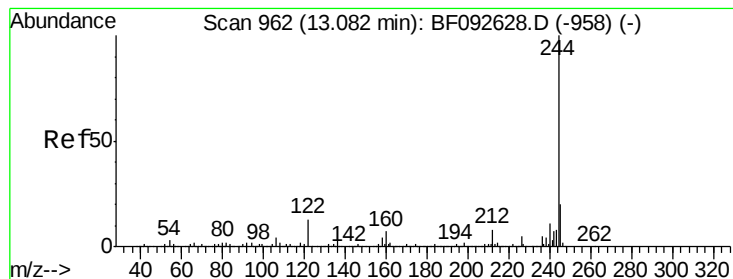


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.37 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

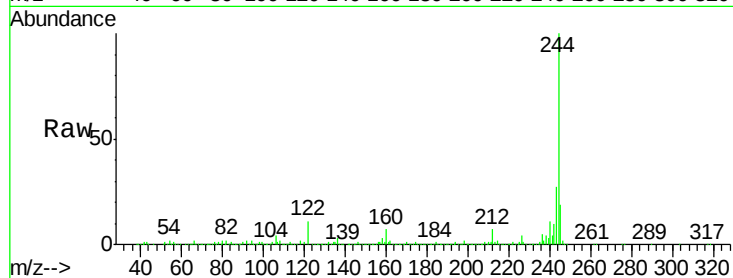
Tgt Ion:244 Resp: 1574039

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

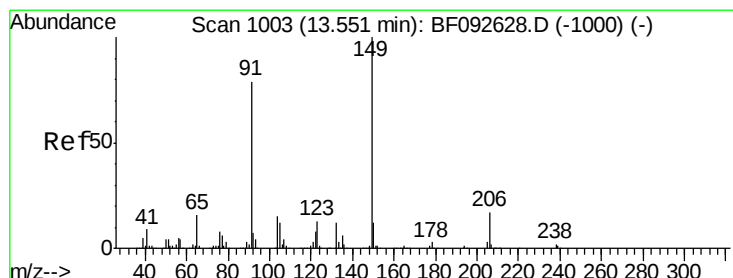
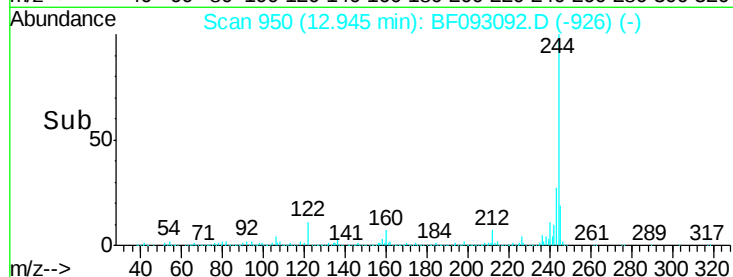
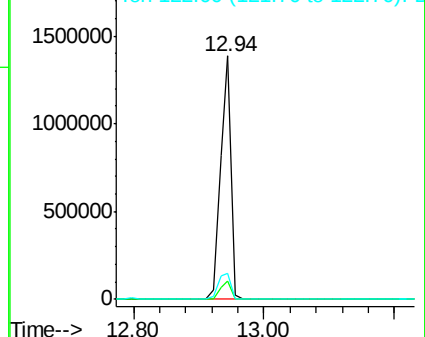
122 10.8 11.4 17.2#



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: 44.86 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

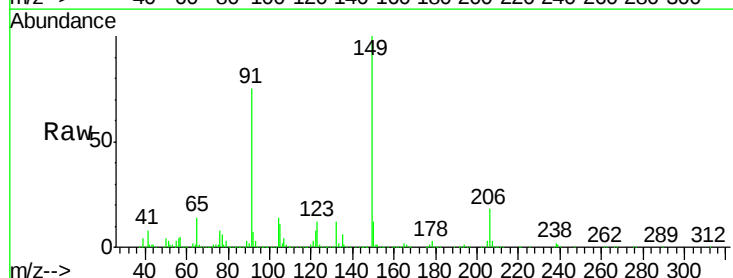
Tgt Ion:149 Resp: 635220

Ion Ratio Lower Upper

149 100

91 74.7 63.9 95.9

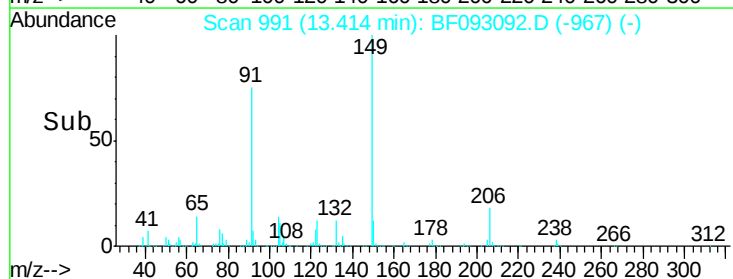
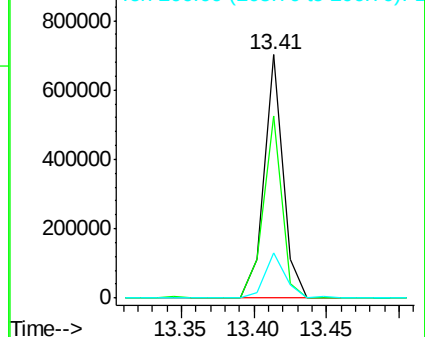
206 18.4 14.6 21.8

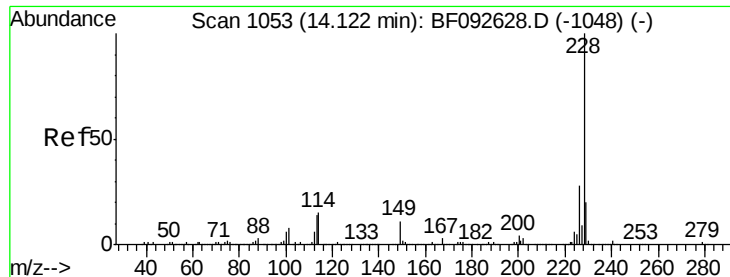


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.91 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

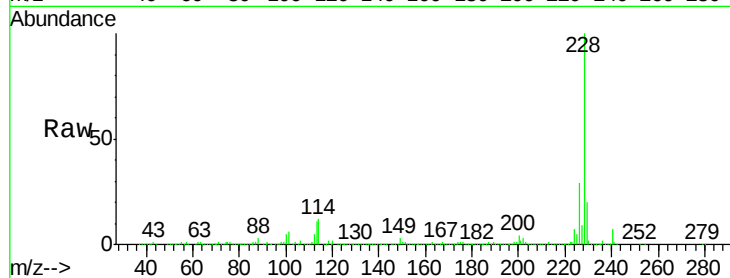
BNA_F

ClientSampleId :

P-5MSD

Tgt Ion:228 Resp: 1165996

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.1	16.2	24.4

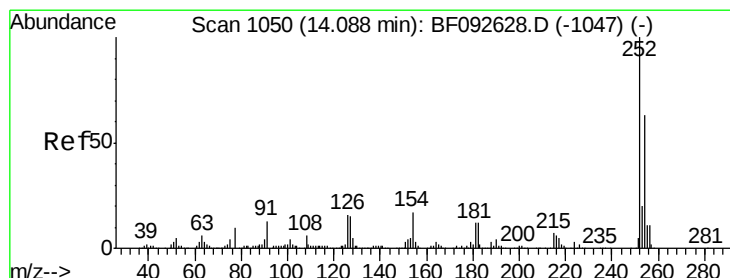
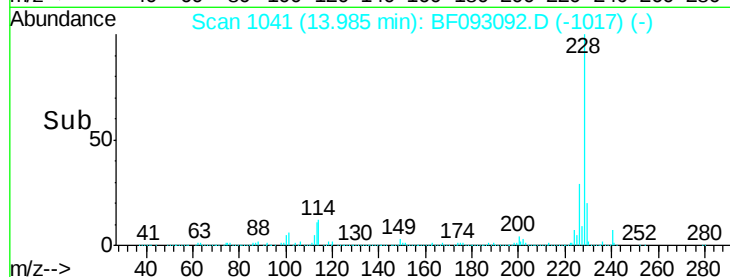
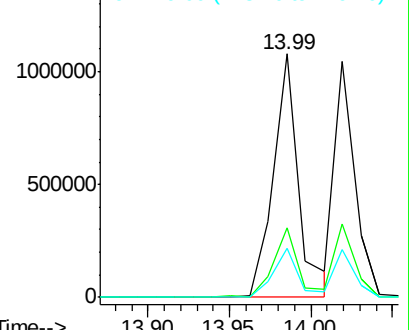


Abundance

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



#81

3,3'-Dichlorobenzidine

Concen: 28.52 ng

RT: 13.95 min Scan# 1038

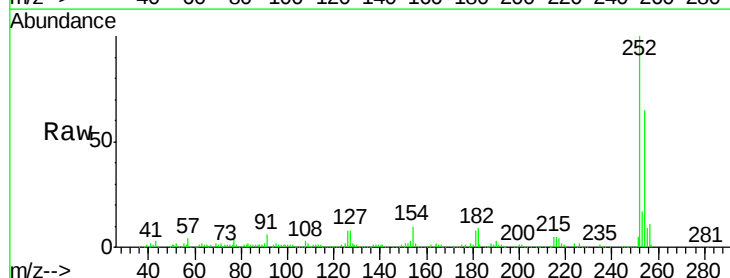
Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Tgt Ion:252 Resp: 289783

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	7.9	13.6	20.4

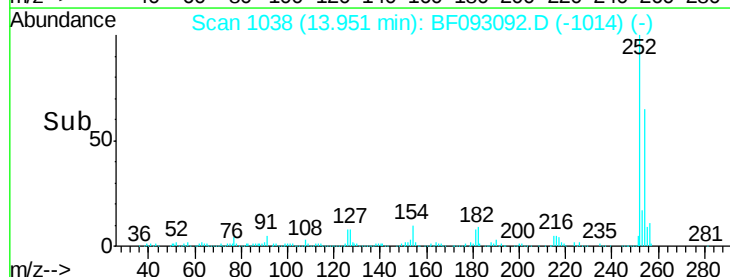
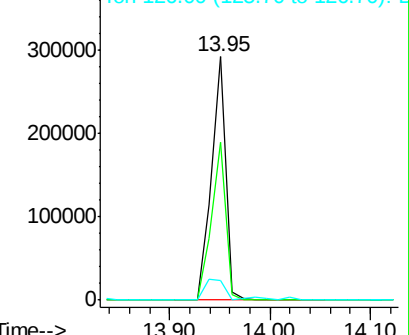


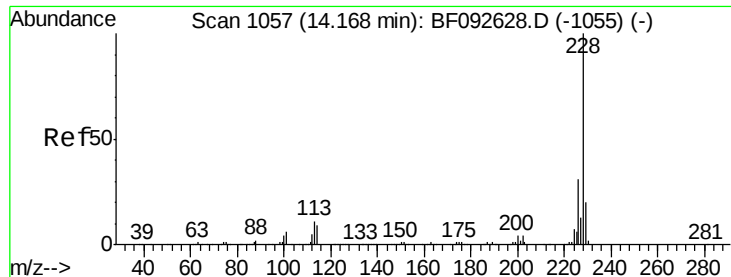
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.16 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

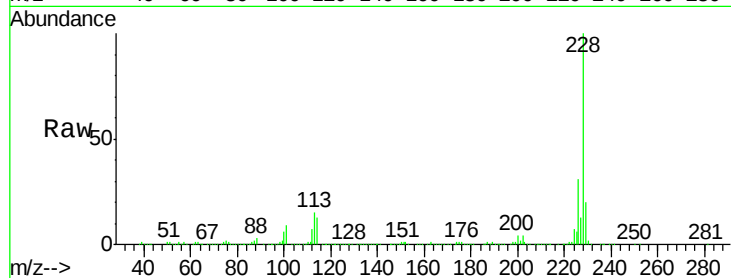
Tgt Ion:228 Resp: 911420

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

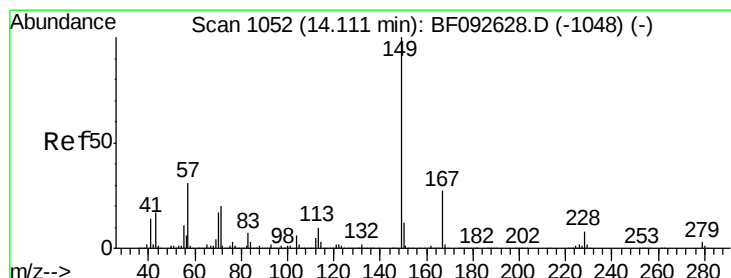
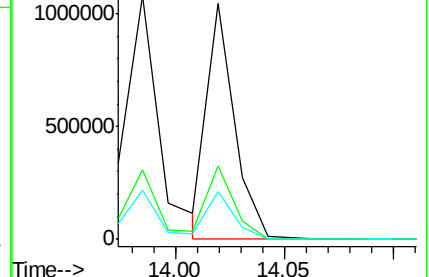
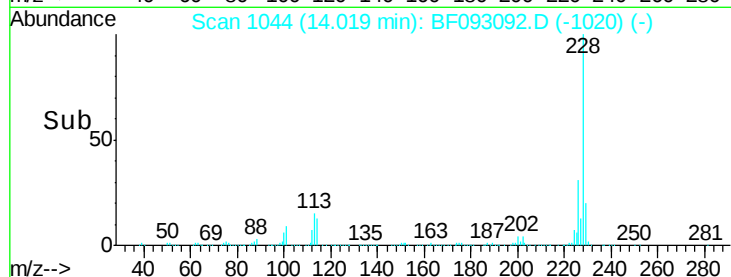
229 20.1 16.2 24.2



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: 46.03 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

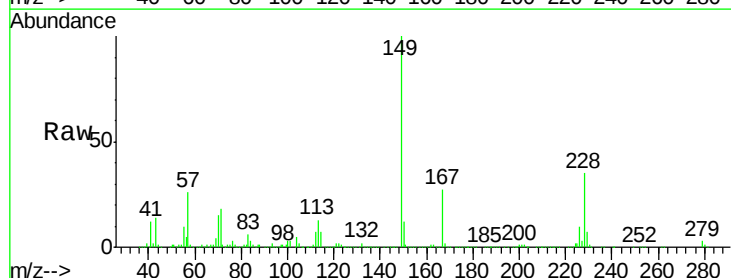
Tgt Ion:149 Resp: 891338

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

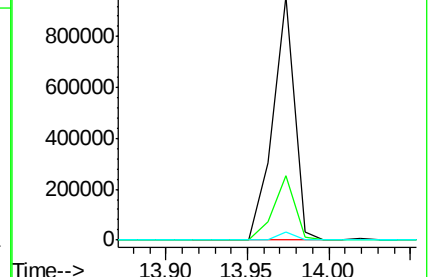
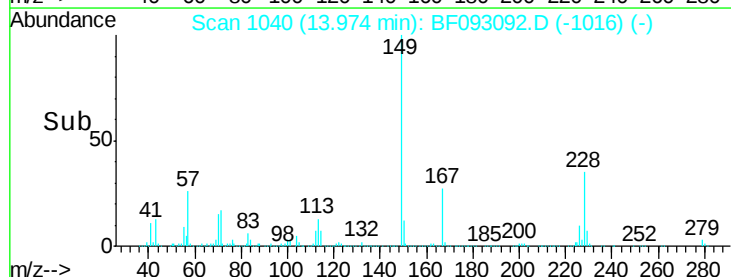
279 3.3 1.8 2.8#

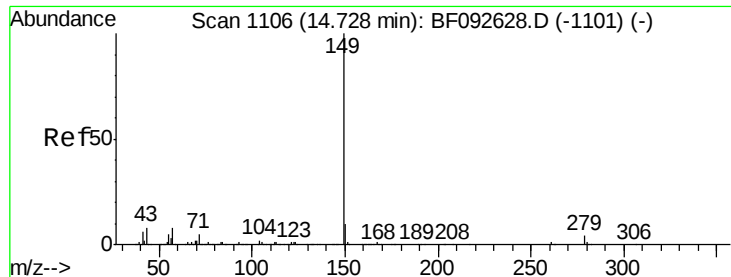


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.07 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

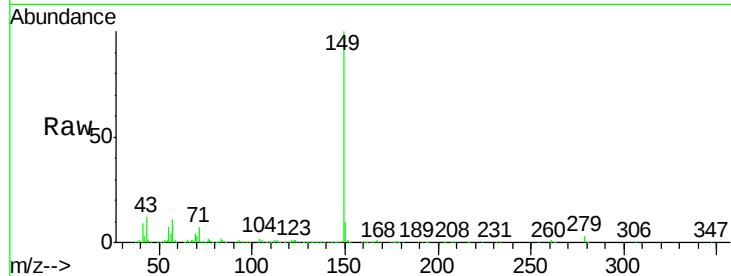
Tgt Ion:149 Resp: 1452972

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

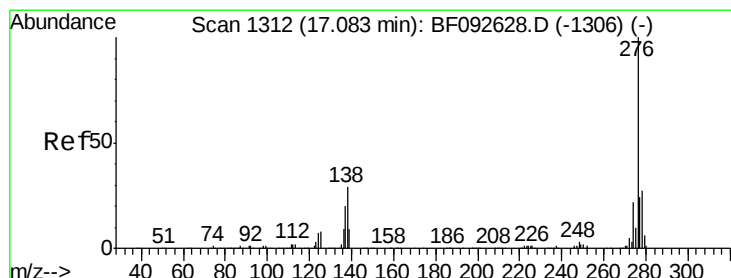
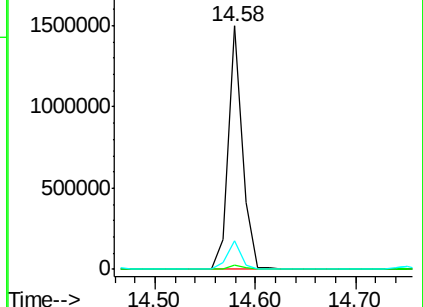
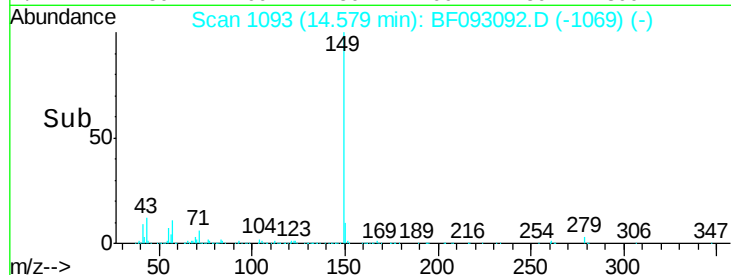
43 11.5 8.9 13.3



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.51 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

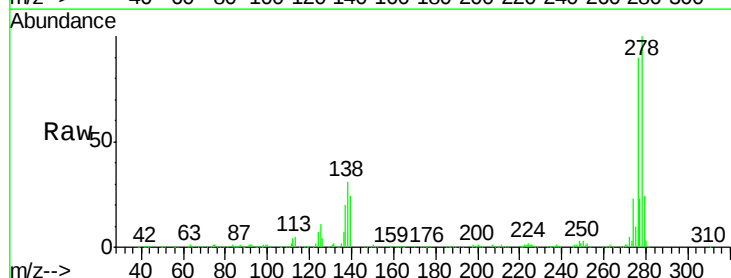
Tgt Ion:276 Resp: 816599

Ion Ratio Lower Upper

276 100

138 33.6 21.8 32.6#

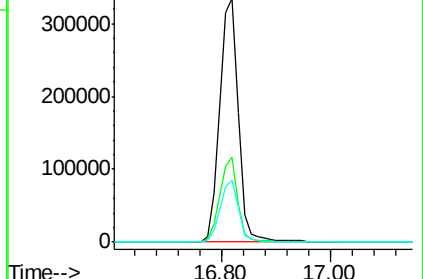
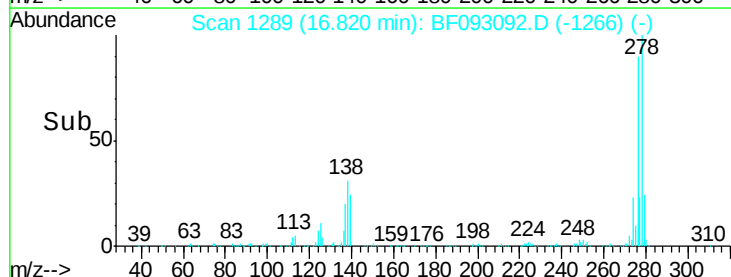
277 24.9 20.2 30.4

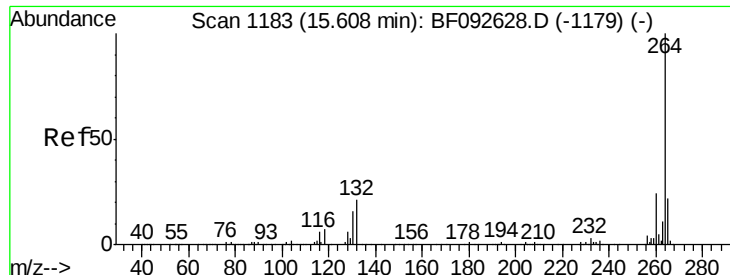


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

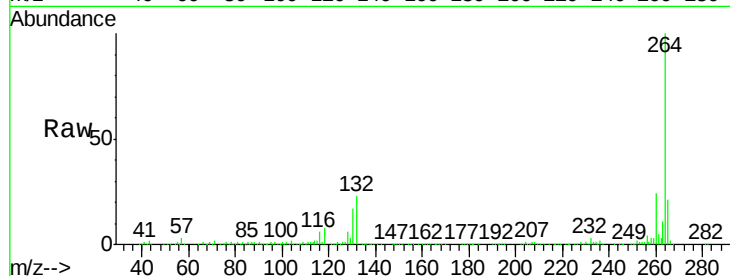




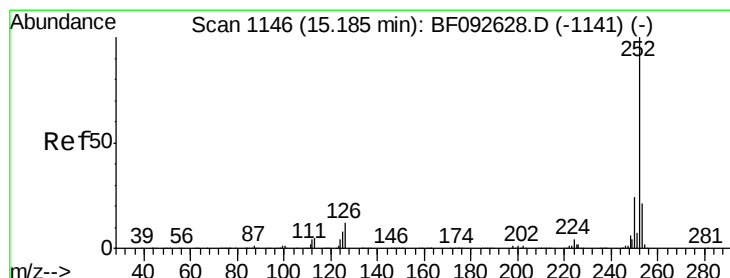
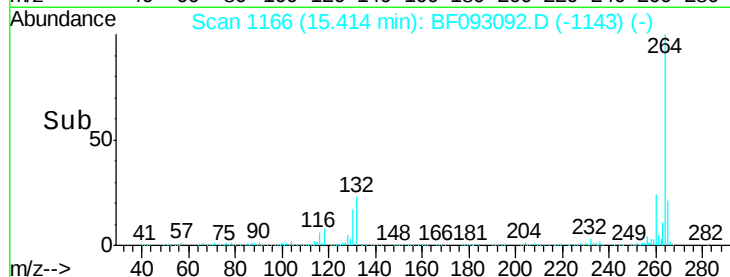
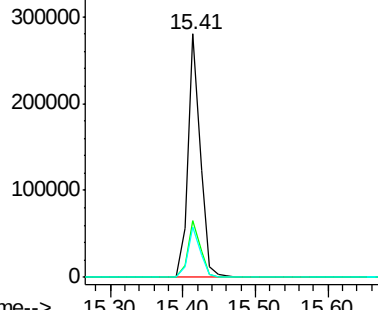
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Tgt Ion: 264 Resp: 330748
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.9 17.4 26.0

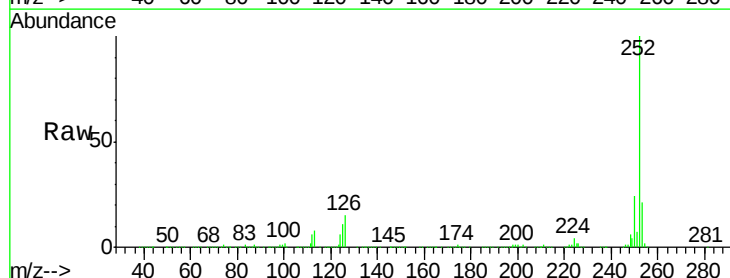


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

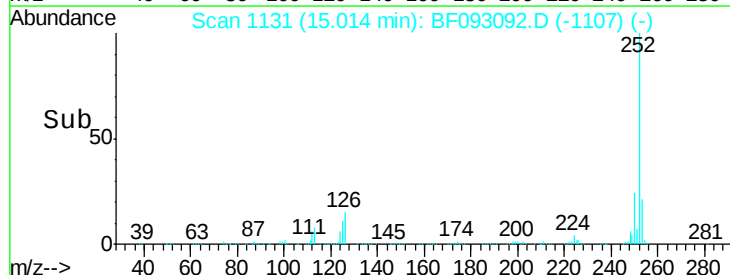
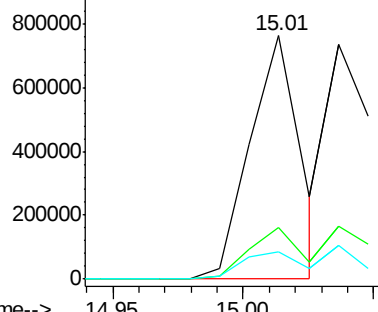


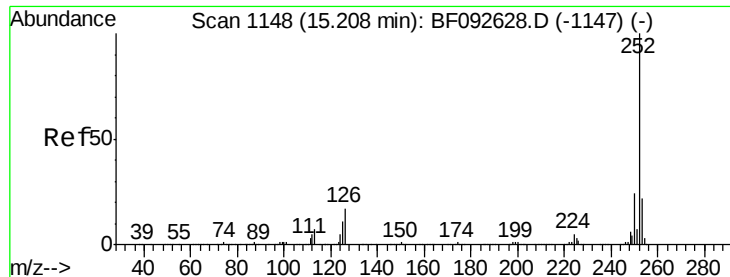
#87
Benzo(b)fluoranthene
Concen: 46.48 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion: 252 Resp: 1011966
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.4 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

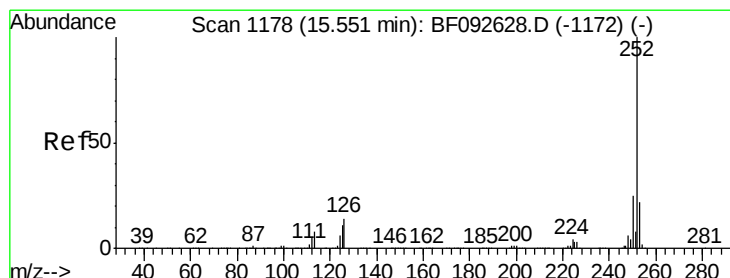
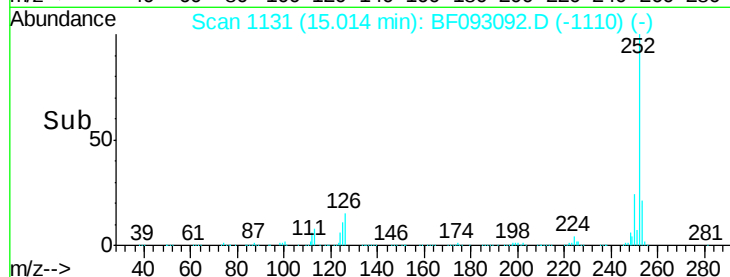
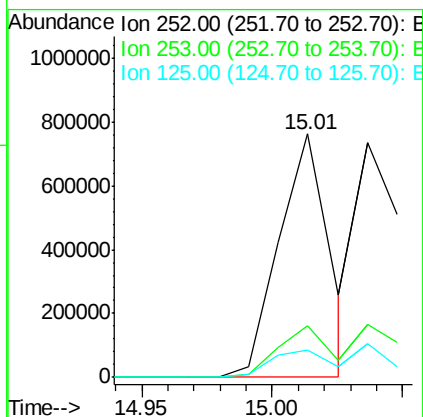
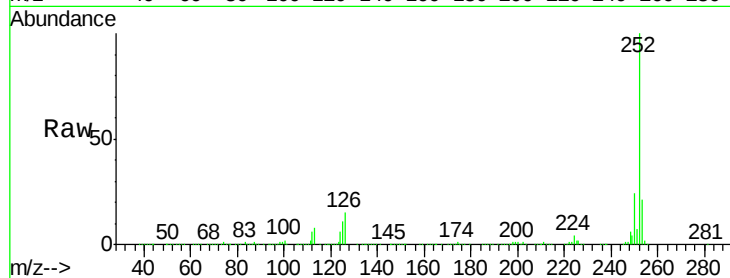




#88
Benzo(k)fluoranthene
Concen: 53.84 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

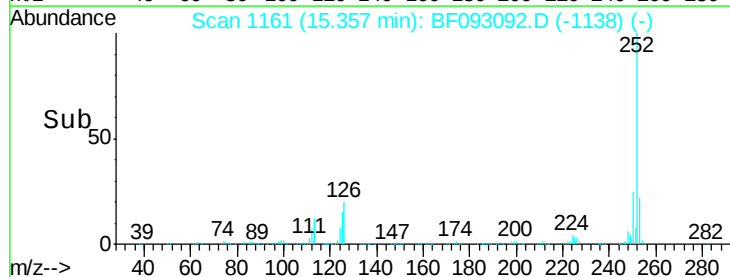
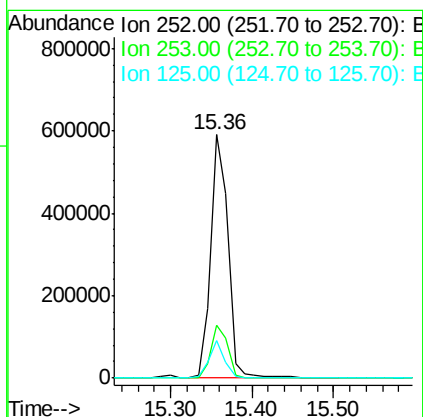
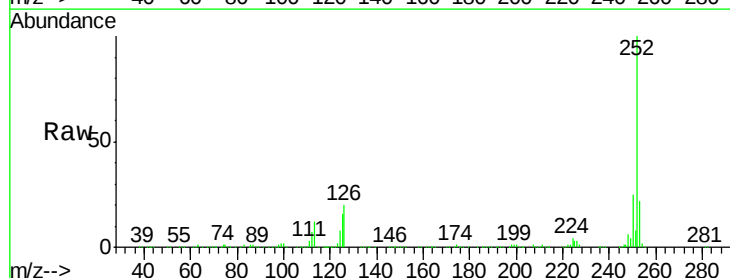
Instrument :
BNA_F
ClientSampleId :
P-5MSD

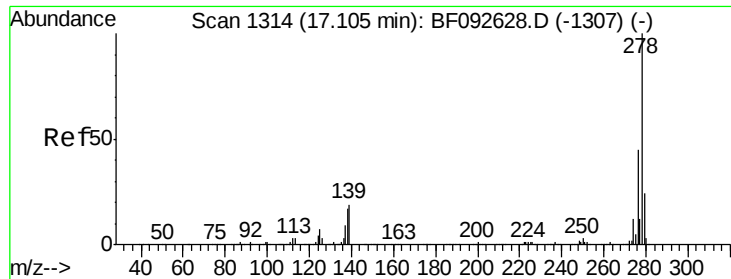
Tgt Ion:252 Resp: 1011966
Ion Ratio Lower Upper
252 100
253 21.4 18.5 27.7
125 11.4 8.9 13.3



#89
Benzo(a)pyrene
Concen: 46.41 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093092.D
Acq: 22 Feb 2017 23:00

Tgt Ion:252 Resp: 873914
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 15.5 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 44.80 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

Instrument :

BNA_F

ClientSampleId :

P-5MSD

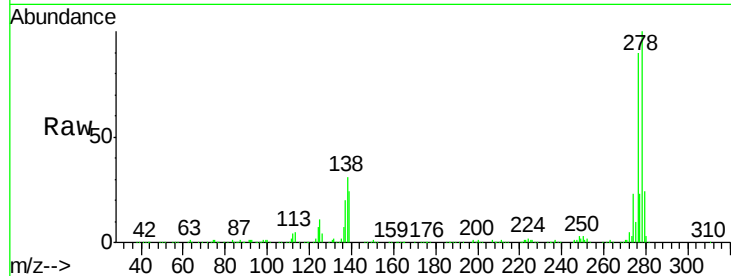
Tgt Ion:278 Resp: 681779

Ion Ratio Lower Upper

278 100

139 24.0 14.8 22.2#

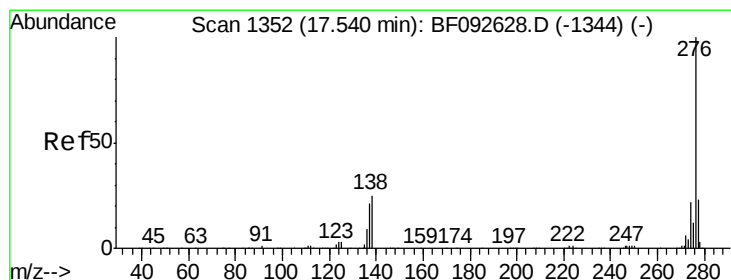
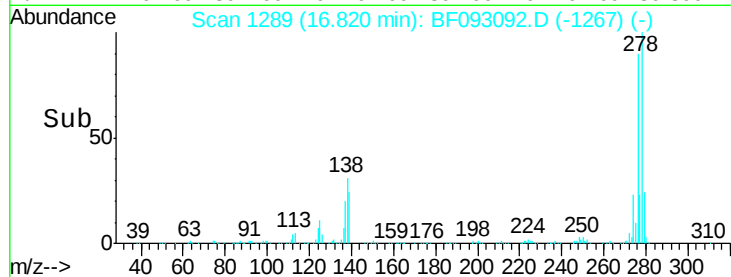
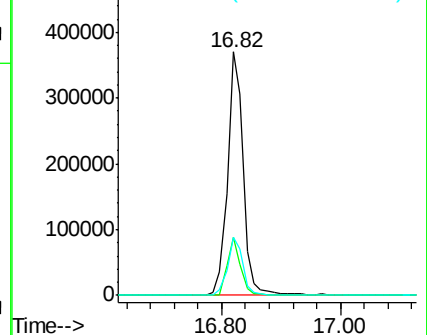
279 23.6 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 45.60 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093092.D

Acq: 22 Feb 2017 23:00

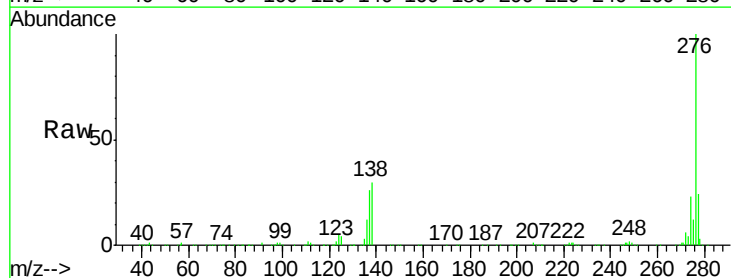
Tgt Ion:276 Resp: 701119

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 29.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

