

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092840.D
 Acq On : 7 Feb 2017 20:45
 Operator : SJ/MA
 Sample : I1731-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Quant Time: Feb 07 23:51:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	161818	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	665106	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	305461	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	417889	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	312928	20.00	ng	-0.07
86) Perylene-d12	15.53	264	266457	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1351145	143.25	ng	-0.04
7) Phenol-d6	6.56	99	1816643	149.69	ng	-0.05
23) Nitrobenzene-d5	7.48	82	1294411	108.38	ng	-0.06
41) 2,4,6-Tribromophenol	10.74	330	292816	132.54	ng	-0.07
44) 2-Fluorobiphenyl	9.28	172	1873126	111.09	ng	-0.06
78) Terphenyl-d14	13.01	244	1102071	82.75	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	180679	35.45	ng	# 83
3) Pyridine	3.30	79	483610	37.32	ng	86
4) n-Nitrosodimethylamine	3.26	42	263323	43.27	ng	90
6) Aniline	6.58	93	594787	35.93	ng	# 46
8) 2-Chlorophenol	6.69	128	540385	51.93	ng	90
9) Benzaldehyde	6.45	77	258560	29.74	ng	96
10) Phenol	6.57	94	778130	54.80	ng	90
11) bis(2-Chloroethyl)ether	6.65	93	609523	53.78	ng	95
12) 1,3-Dichlorobenzene	7.08	146	579337	47.53	ng	98
13) 1,4-Dichlorobenzene	6.92	146	588086	47.67	ng	98
14) 1,2-Dichlorobenzene	7.08	146	580657	49.23	ng	95
15) Benzyl Alcohol	7.05	79	484350	53.91	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1010378	51.32	ng	95
17) 2-Methylphenol	7.17	107	501772	56.21	ng	97
18) Hexachloroethane	7.41	117	197935	47.01	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	396094	51.27	ng	94
20) 3+4-Methylphenols	7.32	107	534650	50.09	ng	# 78
22) Acetophenone	7.32	105	731575	48.18	ng	# 92
24) Nitrobenzene	7.49	77	609131	49.67	ng	99
25) Isophorone	7.73	82	1174657	52.78	ng	96
26) 2-Nitrophenol	7.81	139	327516	56.18	ng	# 87
27) 2,4-Dimethylphenol	7.85	122	525412	51.32	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	732889	49.72	ng	98
29) 2,4-Dichlorophenol	8.05	162	476090	49.86	ng	90
30) 1,2,4-Trichlorobenzene	8.13	180	481305	46.77	ng	96
31) Naphthalene	8.21	128	1443538	42.81	ng	99
32) Benzoic acid	7.94	122	44256	13.66	ng	88
33) 4-Chloroaniline	8.26	127	229281	17.34	ng	94
34) Hexachlorobutadiene	8.33	225	246342	43.51	ng	99
35) Caprolactam	8.64	113	161058	53.62	ng	# 34
36) 4-Chloro-3-methylphenol	8.76	107	539481	54.19	ng	92
37) 2-Methylnaphthalene	8.91	142	1066147	49.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	429717	50.12	ng	99
40) Hexachlorocyclopentadiene	9.06	237	126068	32.59	ng	97

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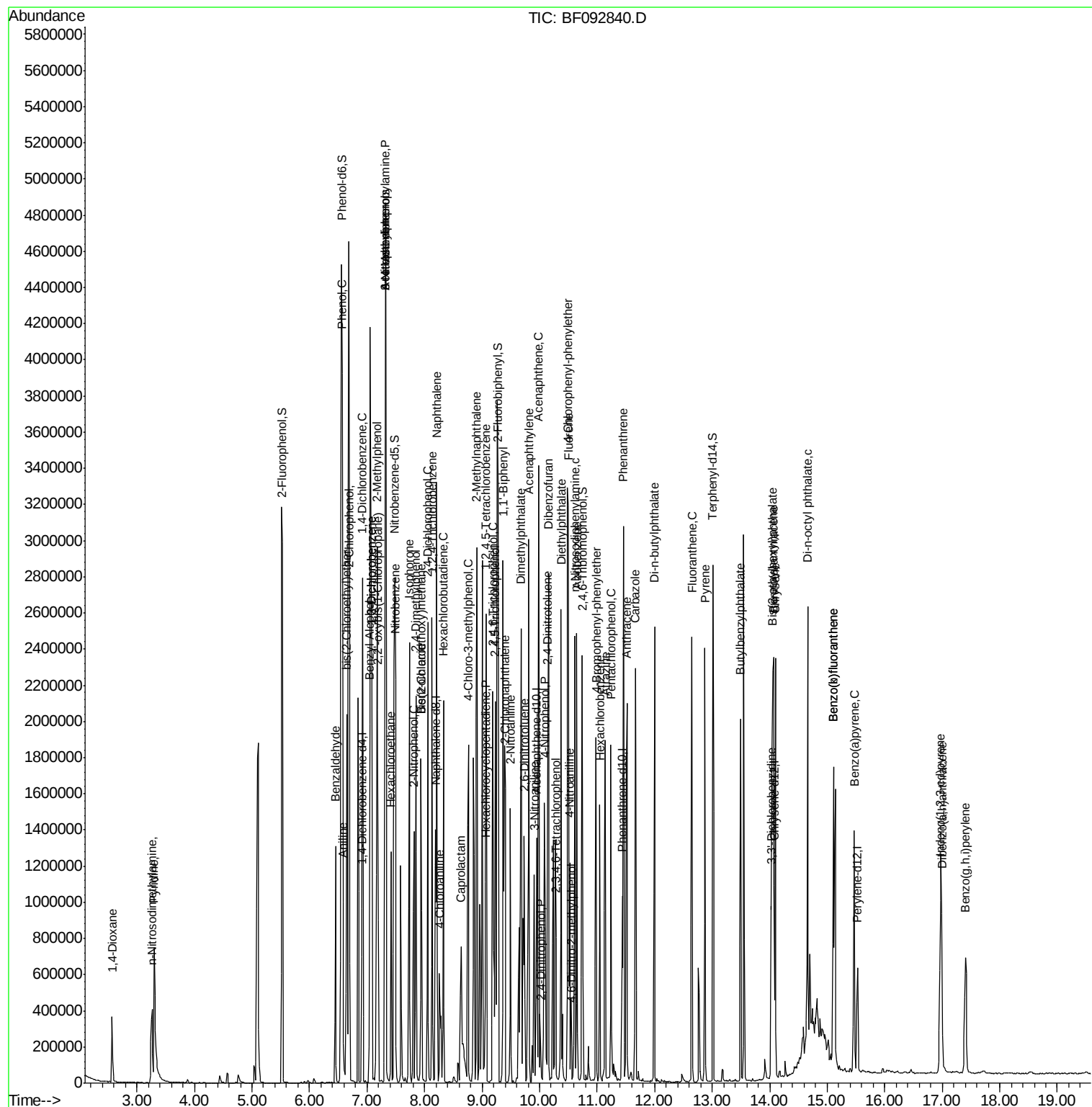
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	312497	55.46	ng	91
43) 2,4,5-Trichlorophenol	9.23	196	322377	52.22	ng	94
45) 1,1'-Biphenyl	9.37	154	990657	44.79	ng	97
46) 2-Chloronaphthalene	9.40	162	849441	49.09	ng	94
47) 2-Nitroaniline	9.49	65	269517	46.33	ng	98
48) Acenaphthylene	9.81	152	1322232	44.24	ng	99
49) Dimethylphthalate	9.68	163	1223065	59.45	ng	99
50) 2,6-Dinitrotoluene	9.73	165	211182	47.53	ng	# 73
51) Acenaphthene	9.98	154	807056	45.16	ng	98
52) 3-Nitroaniline	9.90	138	158226	31.12	ng	99
53) 2,4-Dinitrophenol	10.02	184	61748	30.44	ng	96
54) Dibenzofuran	10.16	168	1141683	47.76	ng	94
55) 4-Nitrophenol	10.09	139	359192	98.07	ng	# 66
56) 2,4-Dinitrotoluene	10.14	165	306779	51.86	ng	# 81
57) Fluorene	10.50	166	865633	47.07	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	208380	50.60	ng	95
59) Diethylphthalate	10.37	149	998567	51.50	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	395226	44.74	ng	88
61) 4-Nitroaniline	10.52	138	214601	41.20	ng	92
62) Azobenzene	10.65	77	975551	48.70	ng	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	69863	28.61	ng	82
65) n-Nitrosodiphenylamine	10.61	169	809036	60.60	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	233124	53.40	ng	93
67) Hexachlorobenzene	11.05	284	225496	52.27	ng	100
68) Atrazine	11.14	200	241280	56.32	ng	96
69) Pentachlorophenol	11.24	266	206473	91.56	ng	98
70) Phenanthrene	11.46	178	1089378	45.50	ng	98
71) Anthracene	11.52	178	1201325	49.97	ng	97
72) Carbazole	11.66	167	926872	40.33	ng	98
73) Di-n-butylphthalate	12.00	149	1451919	58.41	ng	# 96
74) Fluoranthene	12.65	202	1024815	41.50	ng	95
77) Pyrene	12.88	202	999778	42.69	ng	99
79) Butylbenzylphthalate	13.49	149	509434	53.57	ng	# 81
80) Benzo(a)anthracene	14.07	228	925274	48.34	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	308590	45.23	ng	# 95
82) Chrysene	14.10	228	682259	38.07	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	674596	51.87	ng	# 93
84) Di-n-octyl phthalate	14.66	149	1354381	63.95	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	676606	48.75	ng	95
87) Benzo(b)fluoranthene	15.11	252	812205	46.31	ng	98
88) Benzo(k)fluoranthene	15.11	252	812205	53.64	ng	97
89) Benzo(a)pyrene	15.47	252	760700	50.14	ng	96
90) Dibenzo(a,h)anthracene	16.99	278	577376	47.09	ng	97
91) Benzo(g,h,i)perylene	17.40	276	546664	44.13	ng	# 91

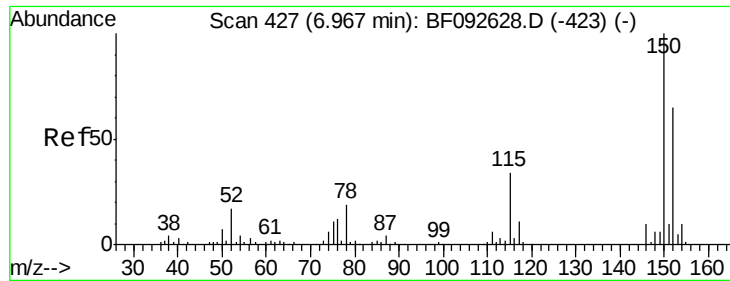
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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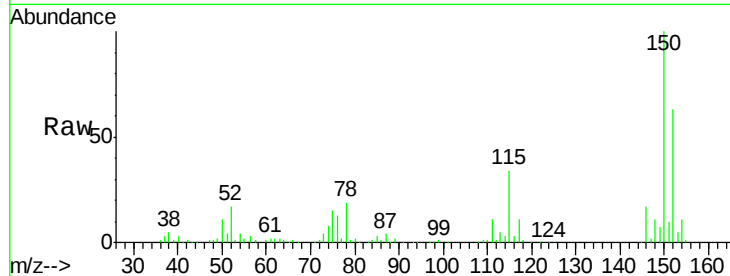


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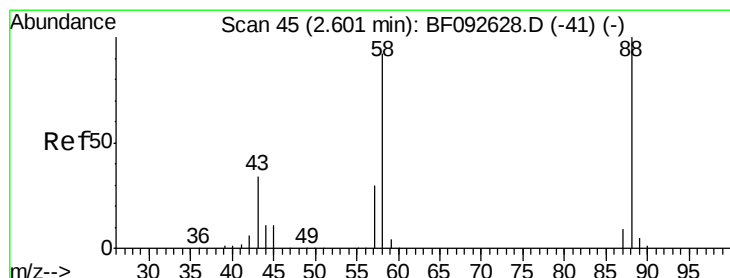
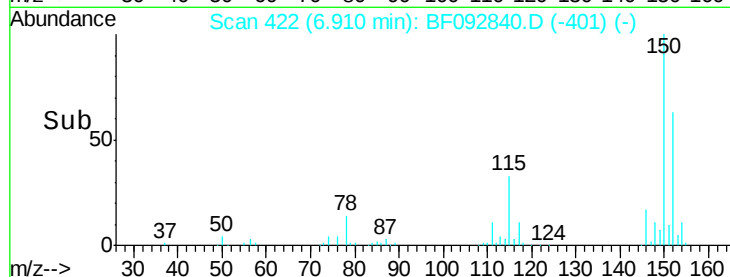
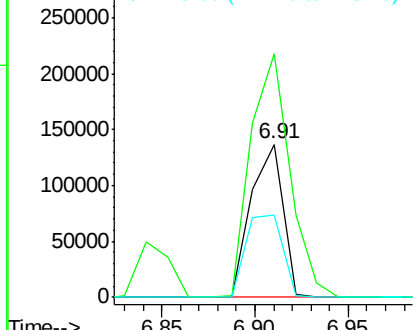
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:152 Resp: 161818
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 53.6 46.0 69.0



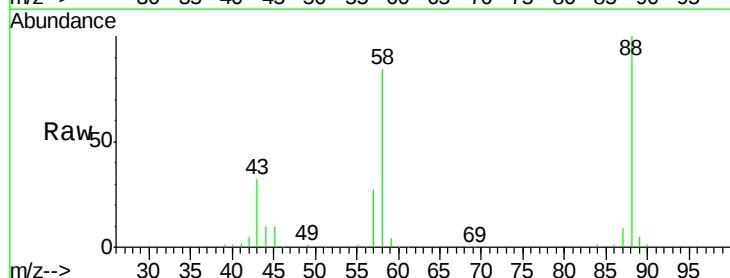
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



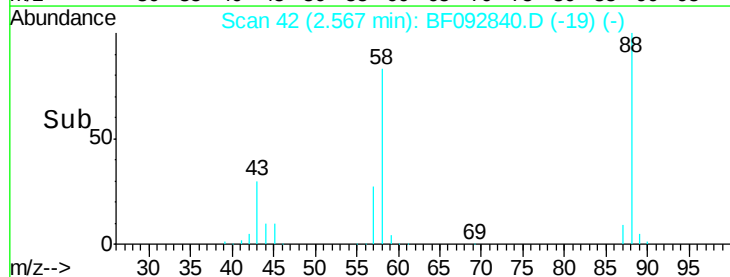
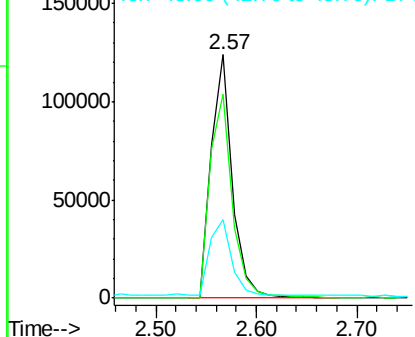
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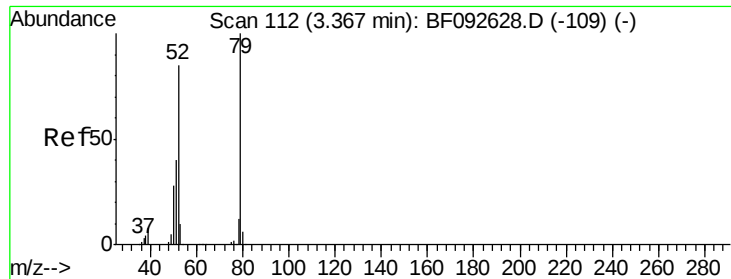
1,4-Dioxane
Concen: 35.45 ng
RT: 2.57 min Scan# 42
Delta R.T. -0.03 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion: 88 Resp: 180679
Ion Ratio Lower Upper
88 100
58 87.2 57.8 86.8#
43 35.4 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: 37.32 ng

RT: 3.30 min Scan# 106

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

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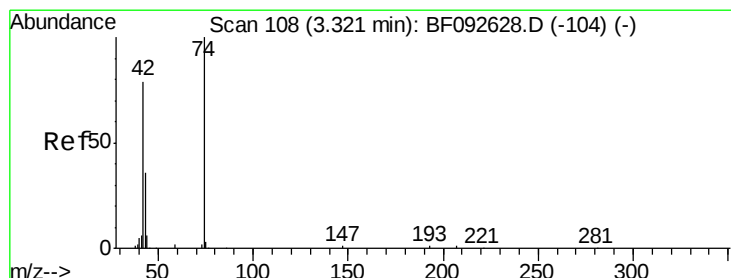
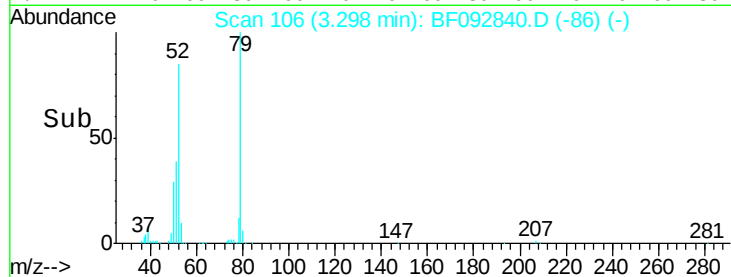
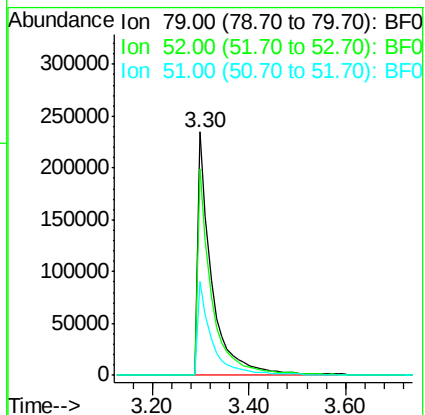
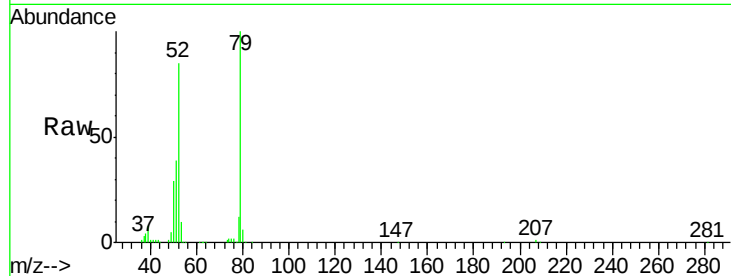
Tgt Ion: 79 Resp: 483610

Ion Ratio Lower Upper

79 100

52 85.0 57.1 85.7

51 38.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.27 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

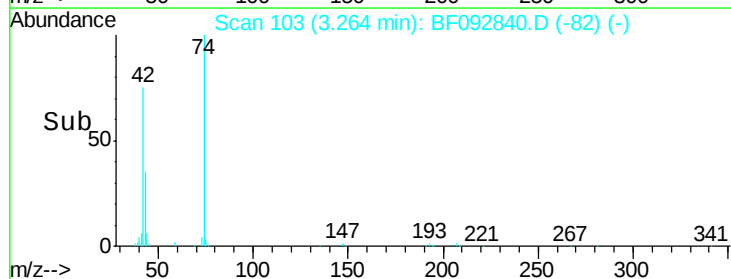
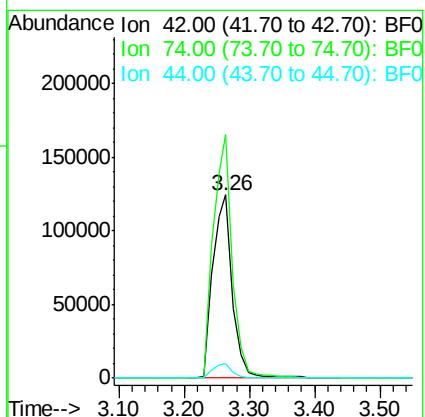
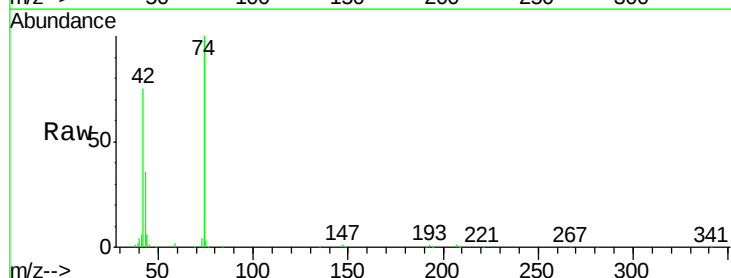
Tgt Ion: 42 Resp: 263323

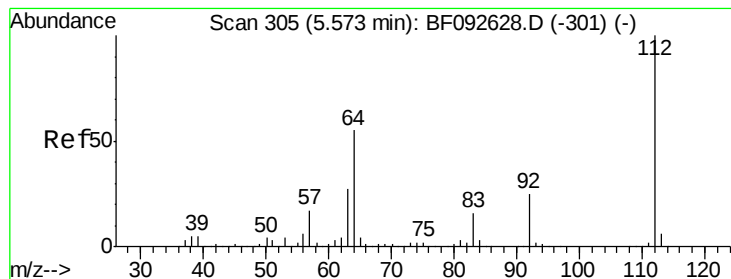
Ion Ratio Lower Upper

42 100

74 132.8 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 143.25 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092840.D

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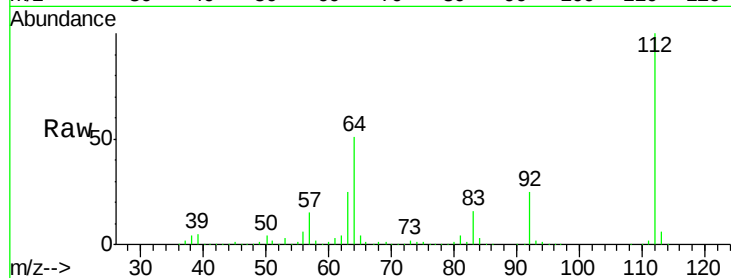
Tgt Ion: 112 Resp: 1351145

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

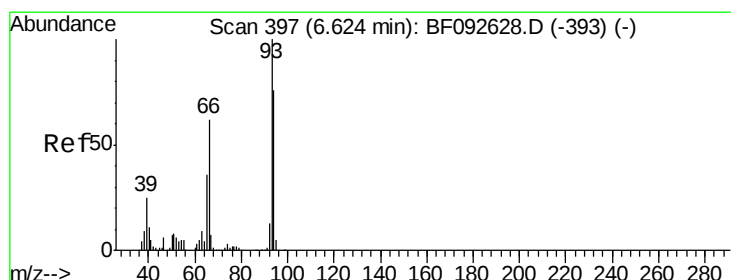
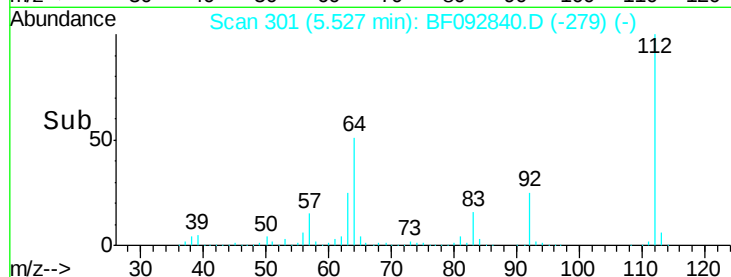
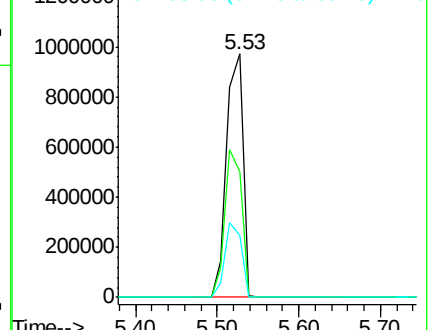
63 25.4 23.8 35.6



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: 35.93 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092840.D

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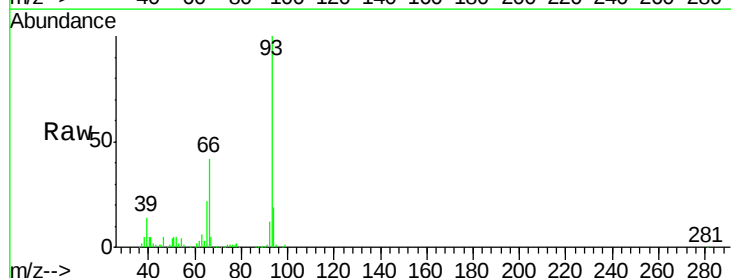
Tgt Ion: 93 Resp: 594787

Ion Ratio Lower Upper

93 100

66 41.5 76.2 114.2#

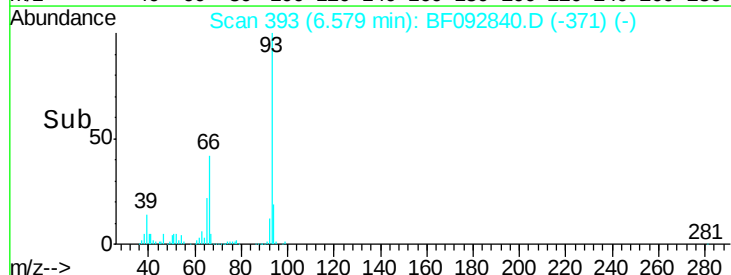
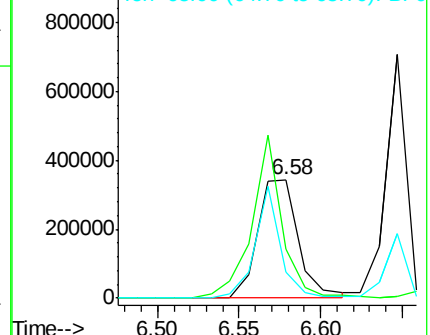
65 22.2 49.3 73.9#

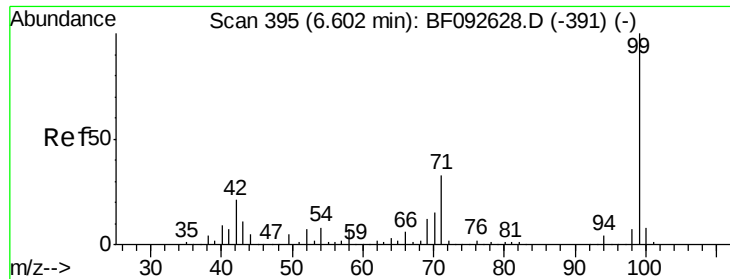


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.69 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

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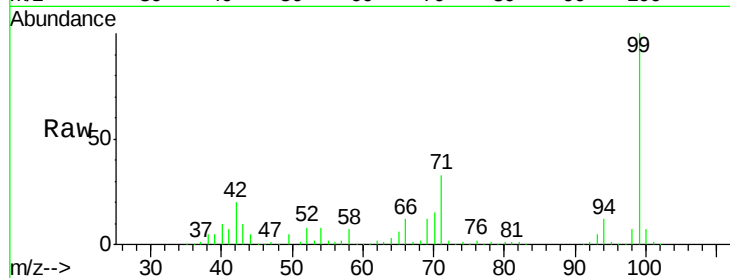
Tgt Ion: 99 Resp: 1816643

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

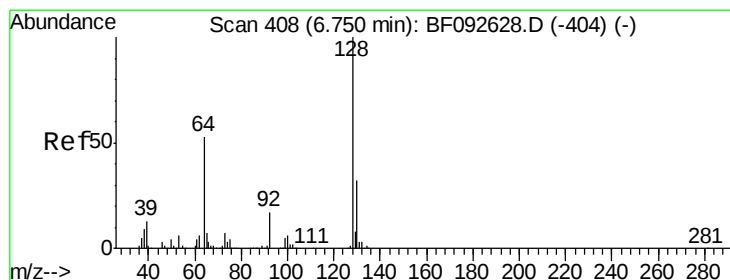
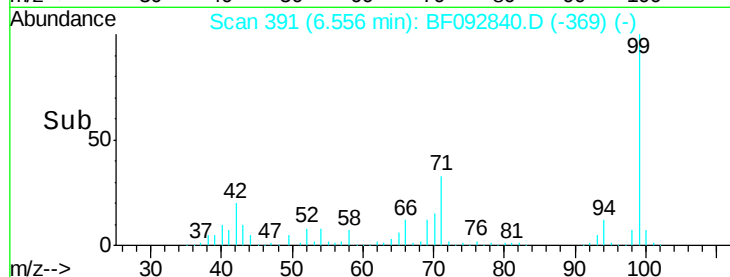
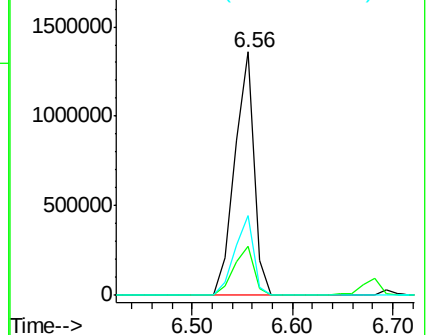
71 32.8 27.5 41.3



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: 51.93 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

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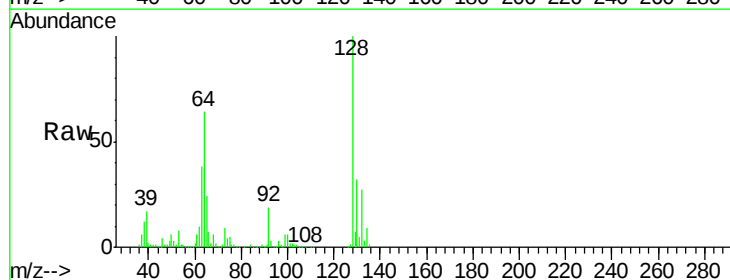
Tgt Ion: 128 Resp: 540385

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

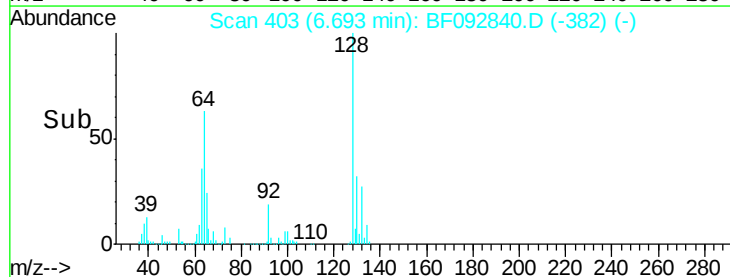
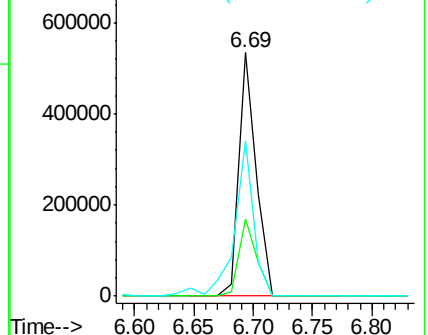
64 63.5 32.2 72.2

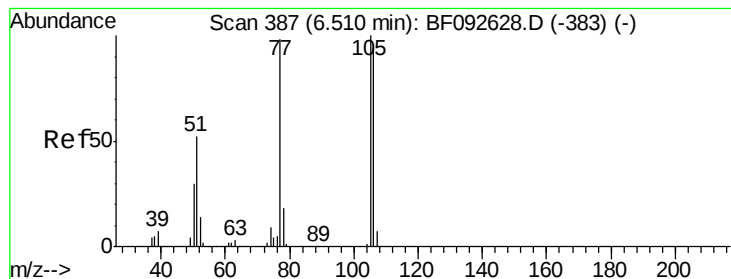


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.74 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

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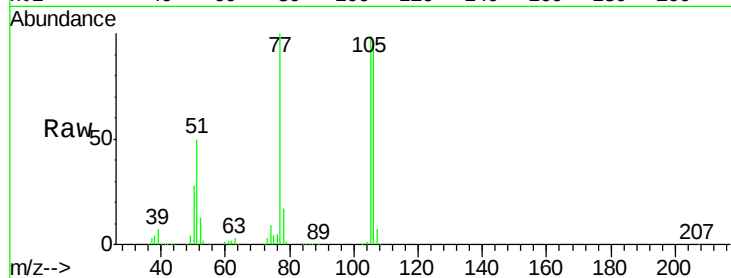
Tgt Ion: 77 Resp: 258560

Ion Ratio Lower Upper

77 100

105 99.3 83.9 123.9

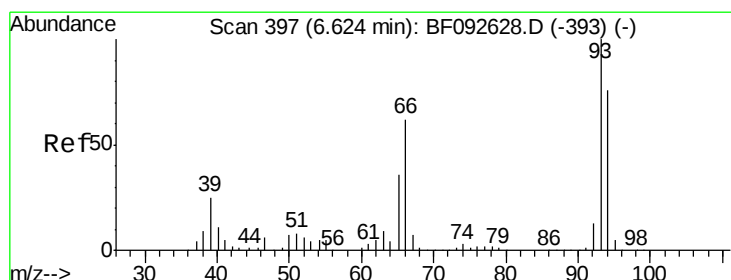
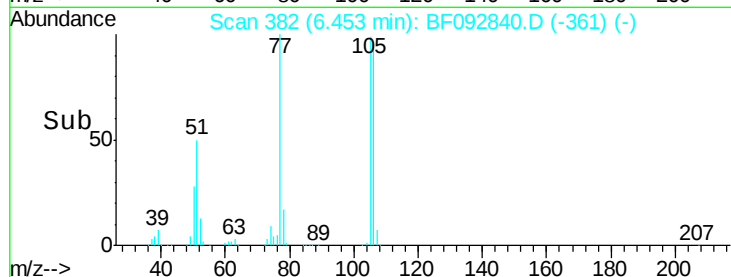
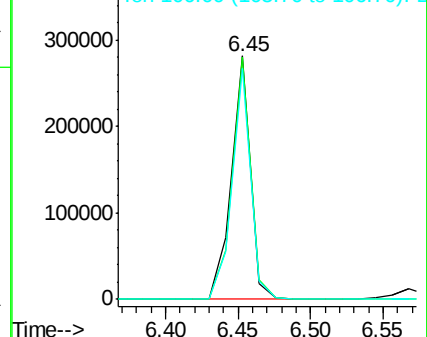
106 95.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 54.80 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

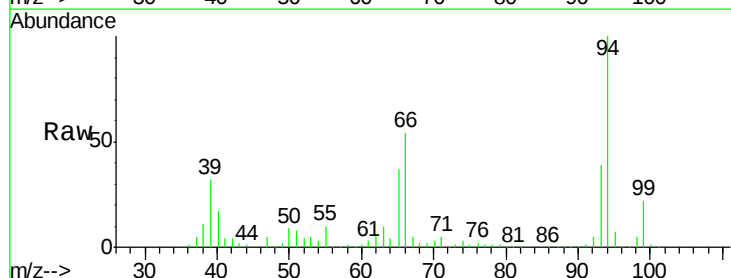
Tgt Ion: 94 Resp: 778130

Ion Ratio Lower Upper

94 100

65 37.1 21.4 61.4

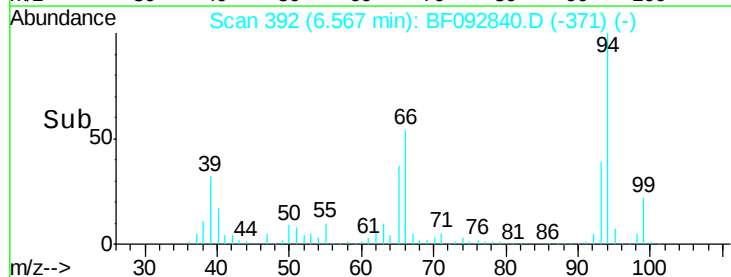
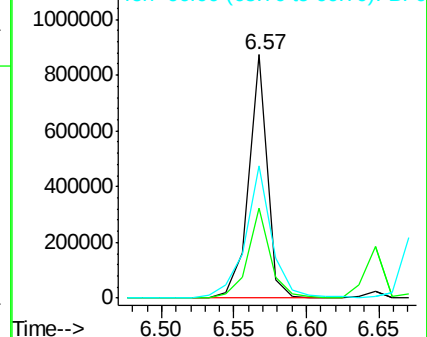
66 54.3 44.0 84.0

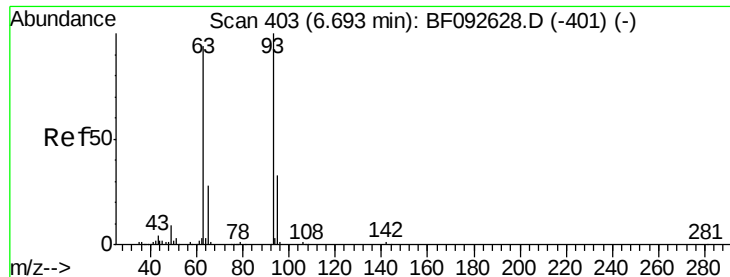


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

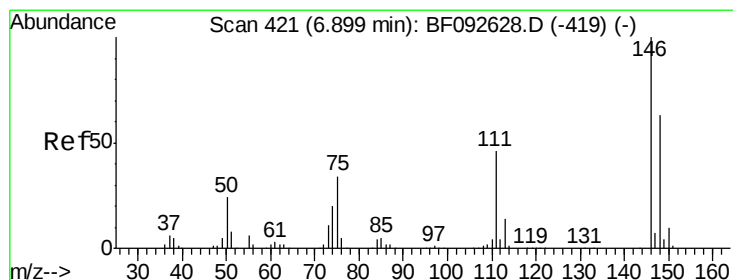
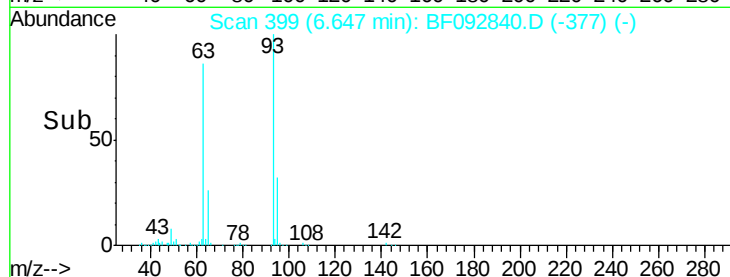
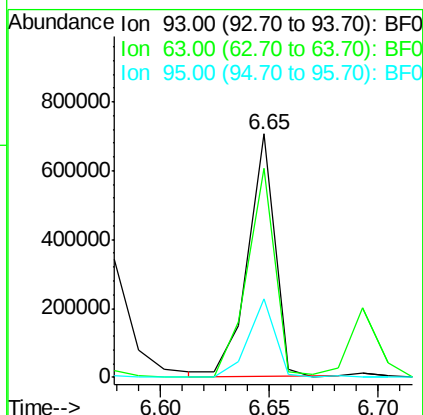
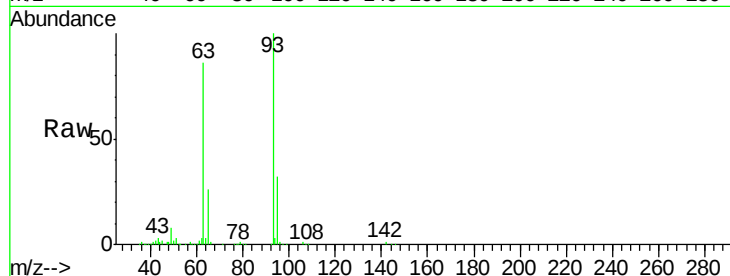




#11
bis(2-Chloroethyl)ether
Concen: 53.78 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

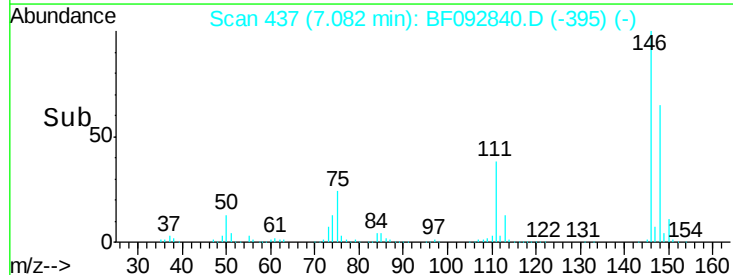
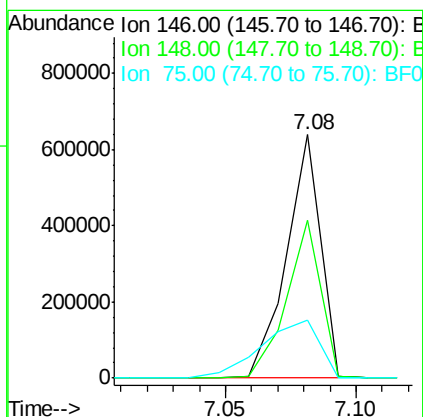
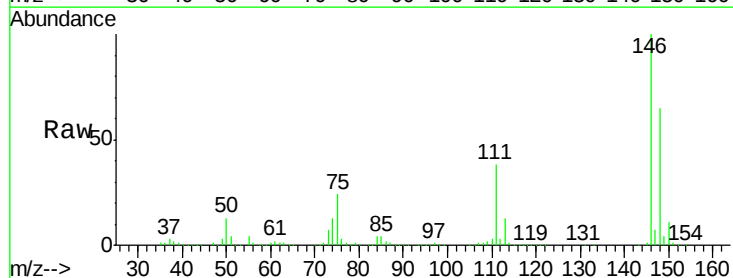
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

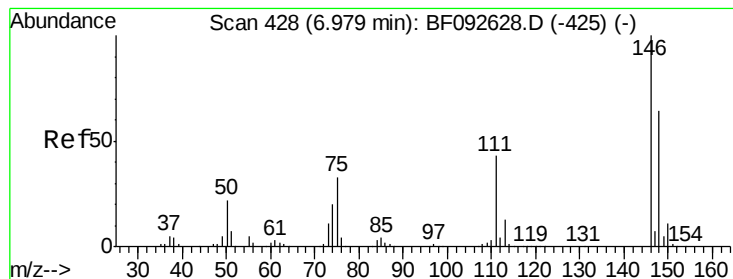
Tgt Ion: 93 Resp: 609523
Ion Ratio Lower Upper
93 100
63 85.7 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.53 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.18 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion: 146 Resp: 579337
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 23.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 47.67 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

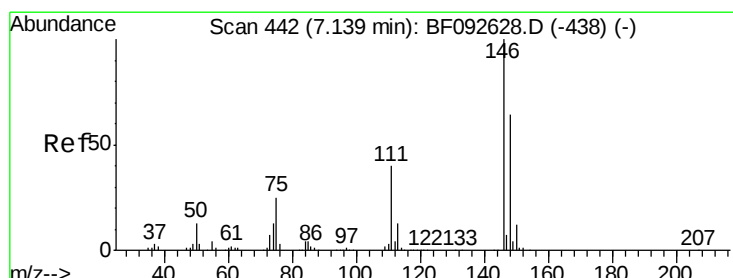
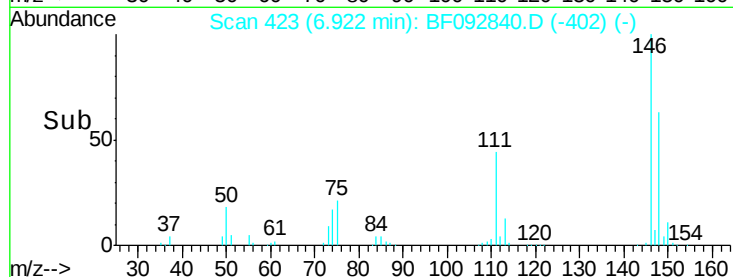
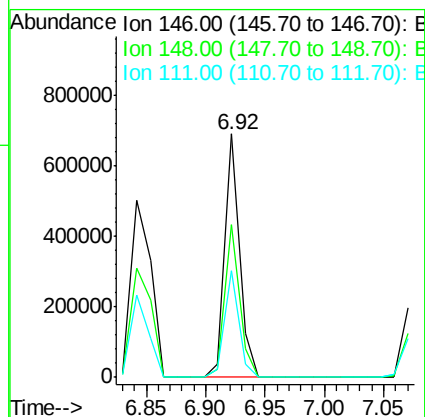
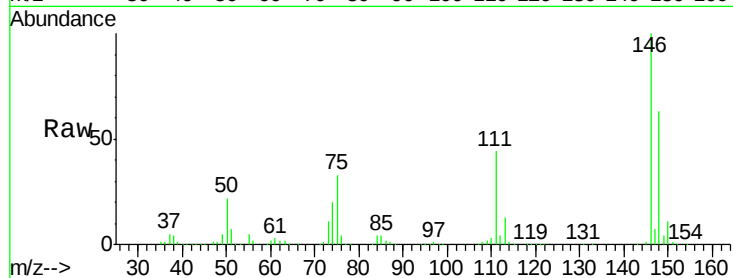
Tgt Ion:146 Resp: 588086

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

111 43.6 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 49.23 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

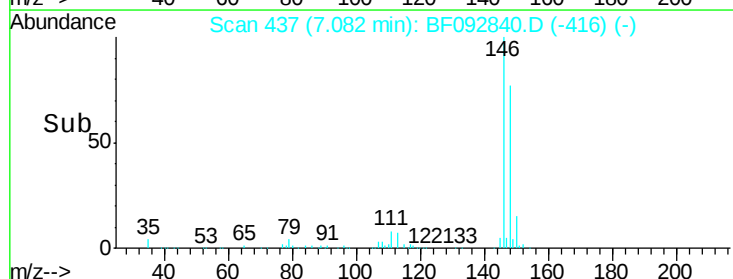
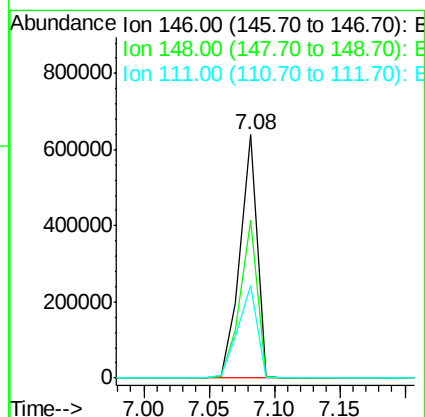
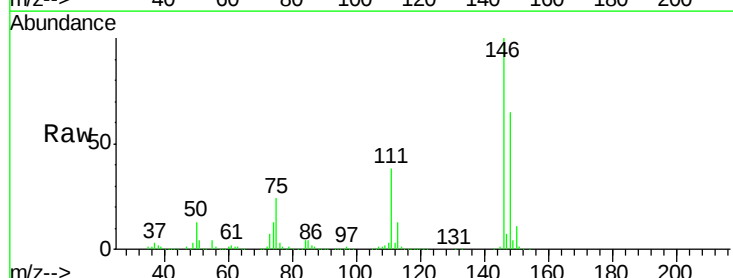
Tgt Ion:146 Resp: 580657

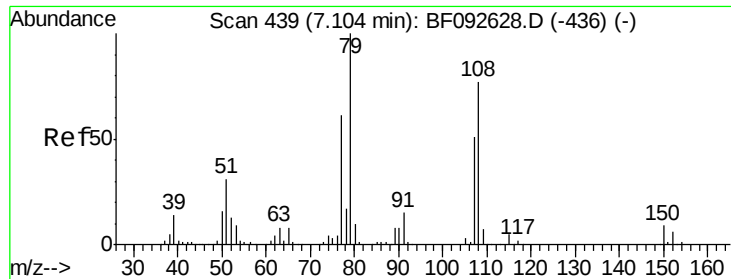
Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

111 38.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 53.91 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

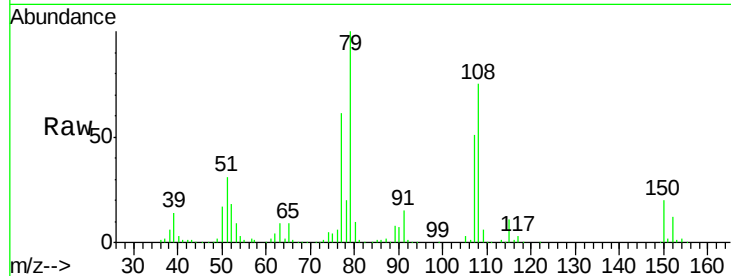
Tgt Ion: 79 Resp: 484350

Ion Ratio Lower Upper

79 100

108 74.8 61.4 92.0

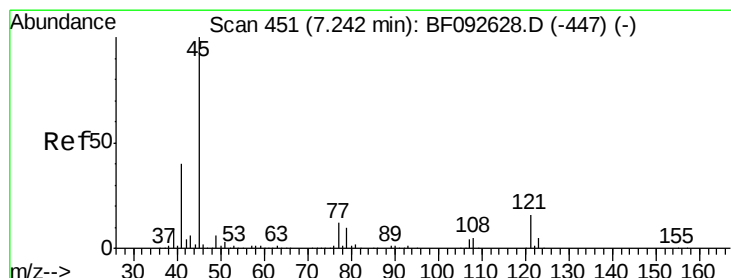
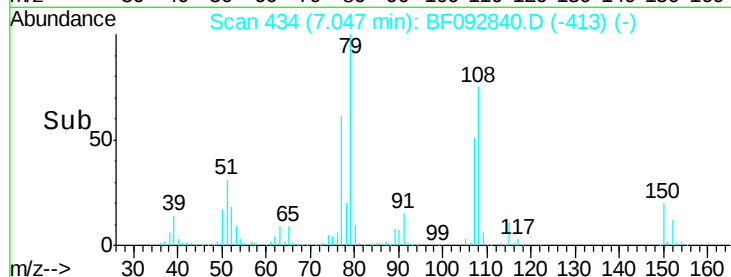
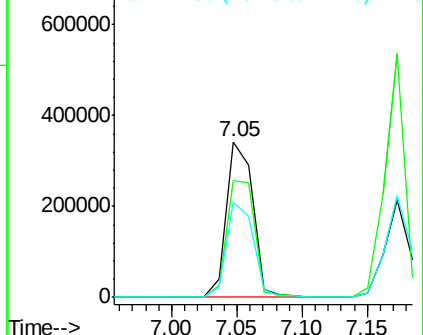
77 61.2 50.9 76.3



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: 51.32 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

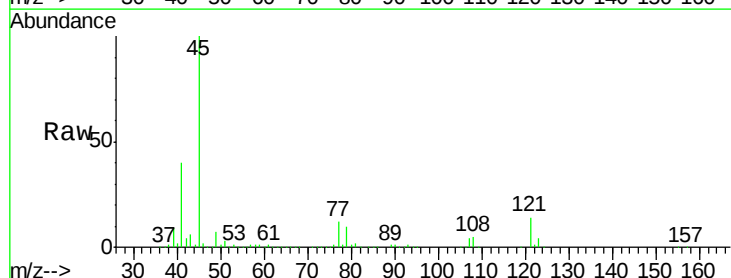
Tgt Ion: 45 Resp: 1010378

Ion Ratio Lower Upper

45 100

77 11.9 0.0 34.6

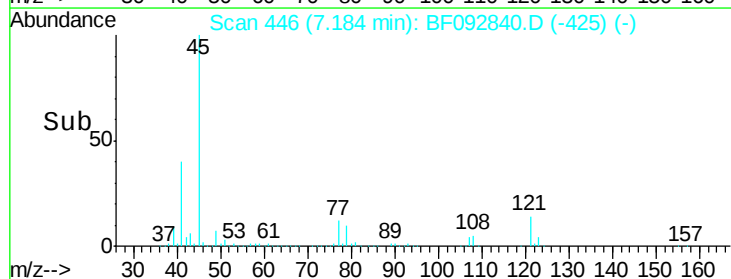
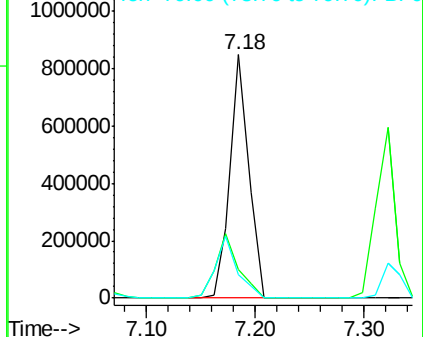
79 9.6 0.0 31.2

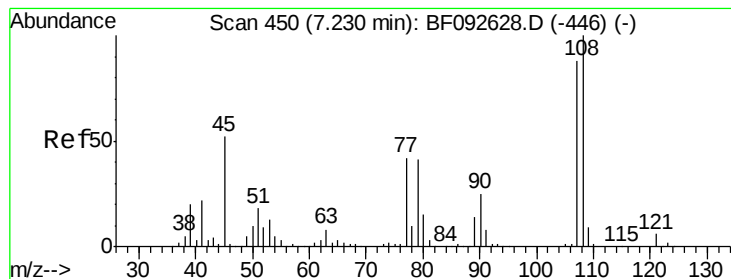


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 56.21 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

Tgt Ion:107 Resp: 501772

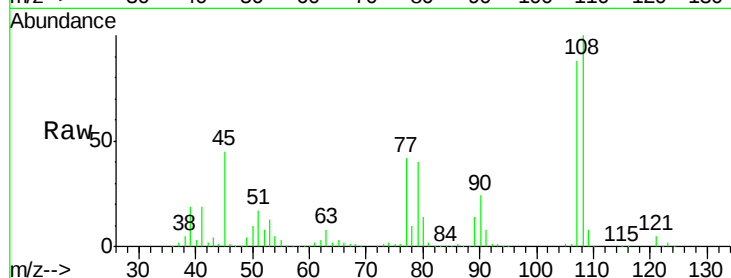
Ion Ratio Lower Upper

107 100

108 113.6 93.0 139.6

77 47.2 39.8 59.8

79 45.6 38.0 57.0

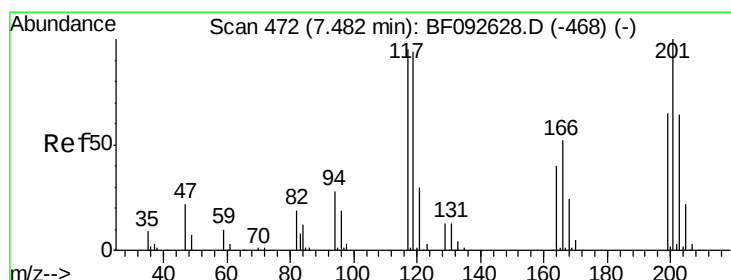
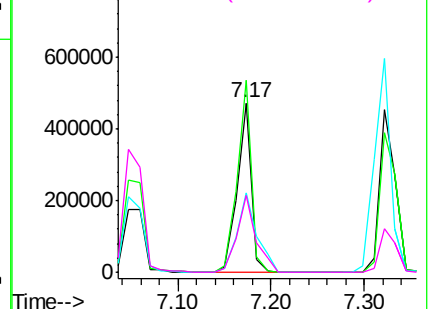
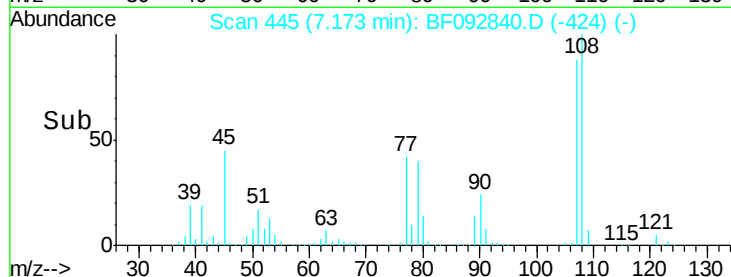


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.01 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

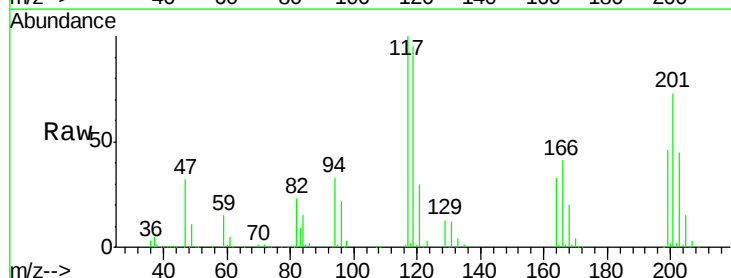
Tgt Ion:117 Resp: 197935

Ion Ratio Lower Upper

117 100

119 95.5 78.1 117.1

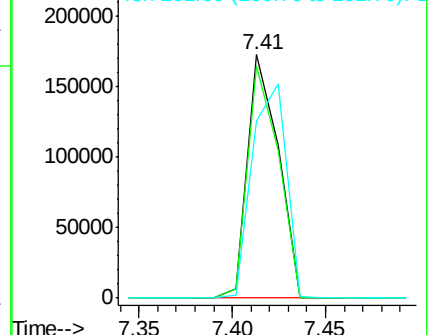
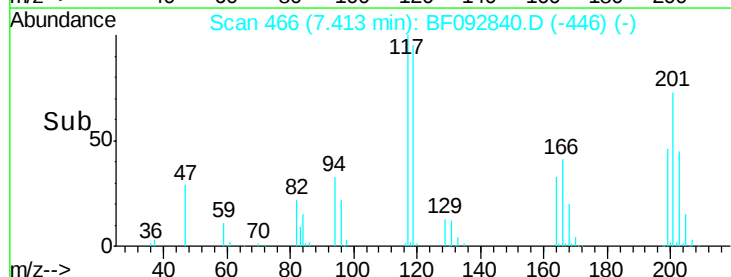
201 73.0 78.6 117.8#

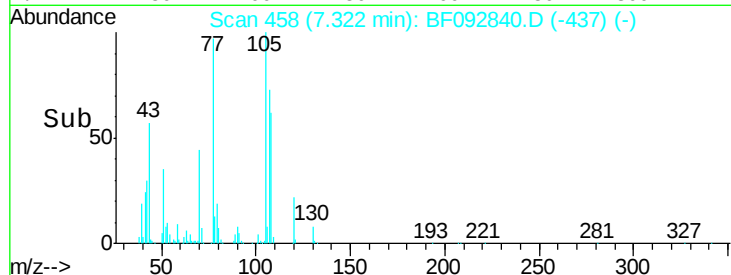
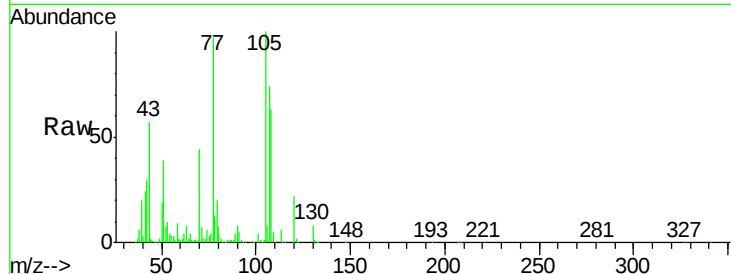
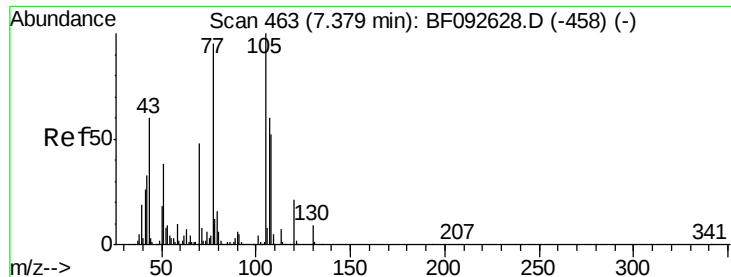


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

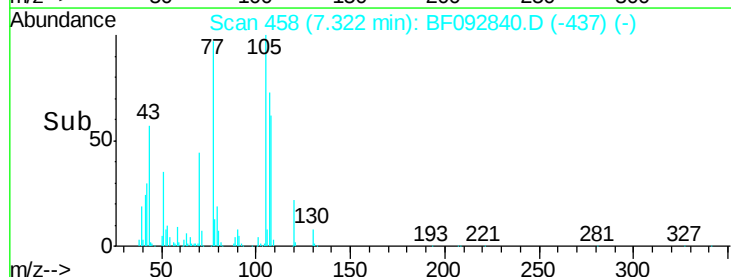
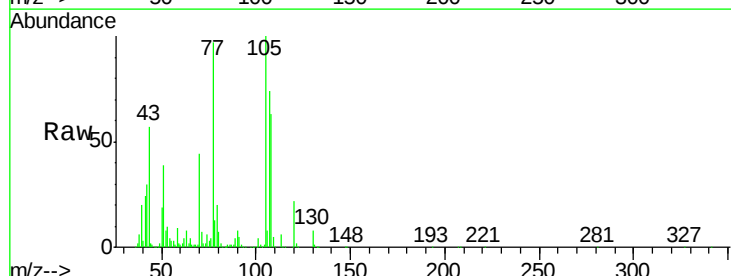
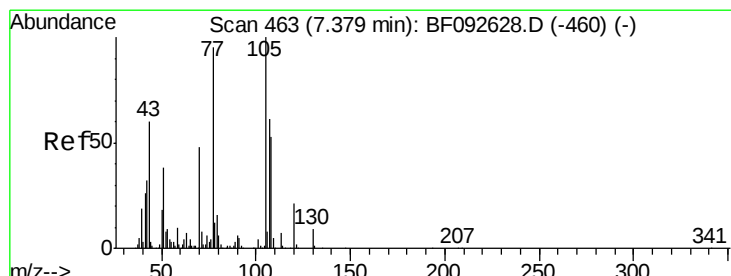
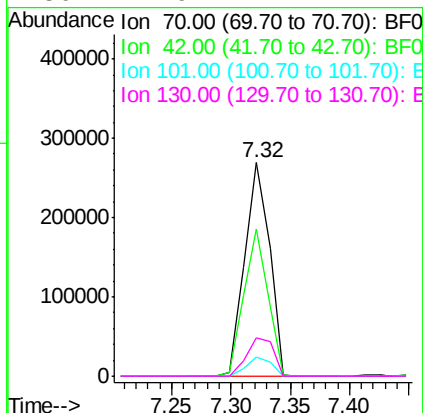




#19
n-Nitroso-di-n-propylamine
Concen: 51.27 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

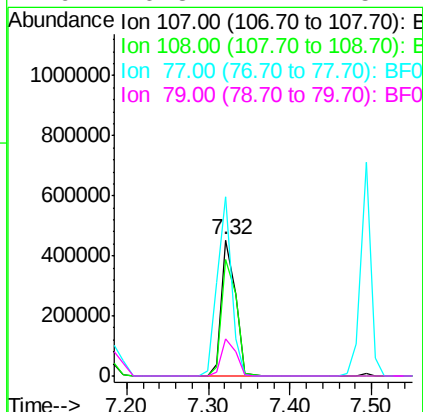
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

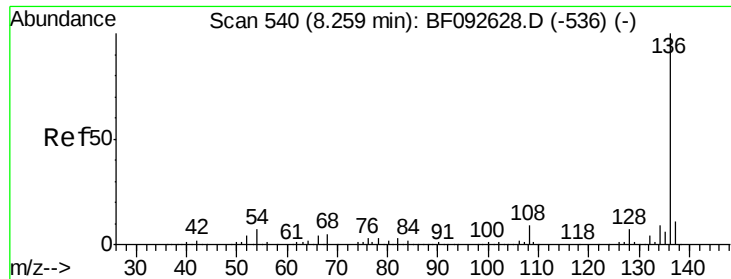
Tgt Ion:	70	Resp:	396094
Ion	Ratio	Lower	Upper
70	100		
42	68.6	49.4	74.0
101	8.8	7.4	11.2
130	17.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 50.09 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:	107	Resp:	534650
Ion	Ratio	Lower	Upper
107	100		
108	85.7	73.0	113.0
77	131.3	71.3	111.3#
79	26.8	11.1	51.1

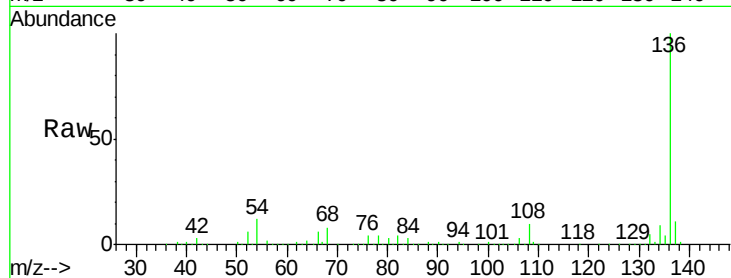




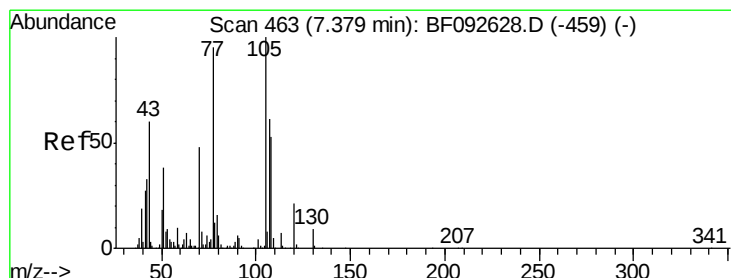
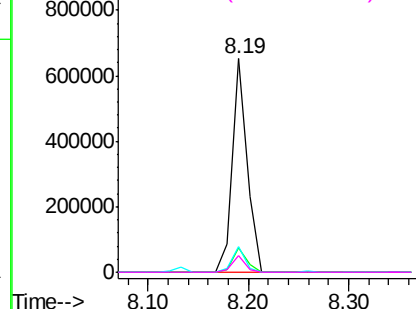
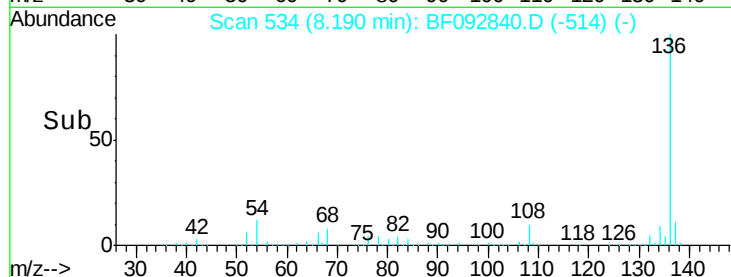
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:	136	Resp:	665106
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	11.7	4.5	6.7#
68	8.1	3.6	5.4#

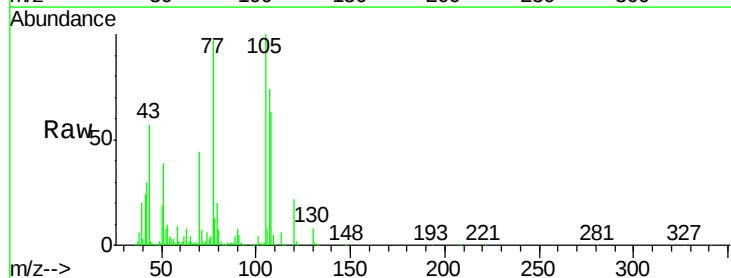


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

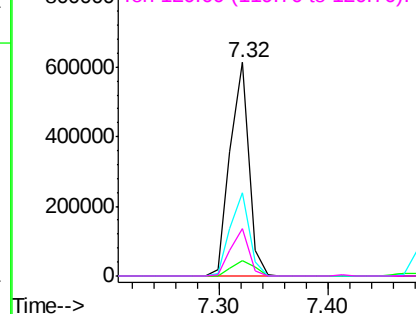
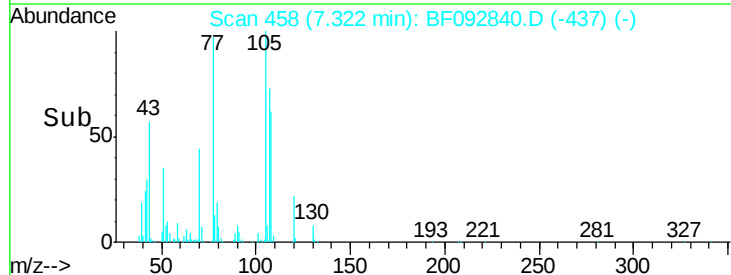


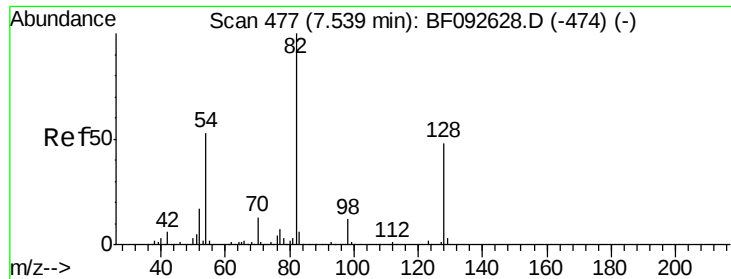
#22
Acetophenone
Concen: 48.18 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:	105	Resp:	731575
Ion Ratio	Lower	Upper	
105	100		
71	7.2	3.2	4.8#
51	39.1	26.2	39.4
120	21.9	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

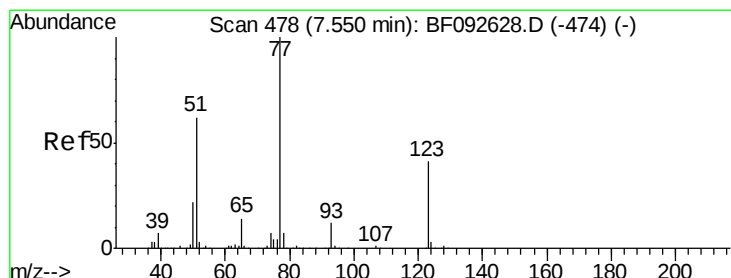
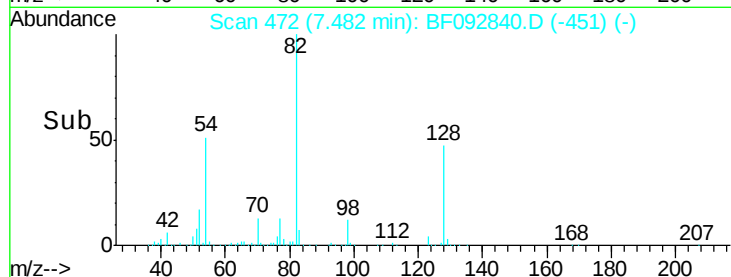
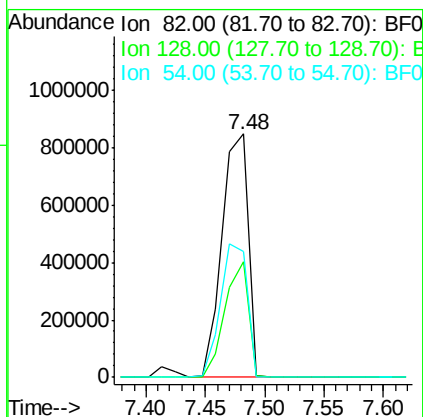
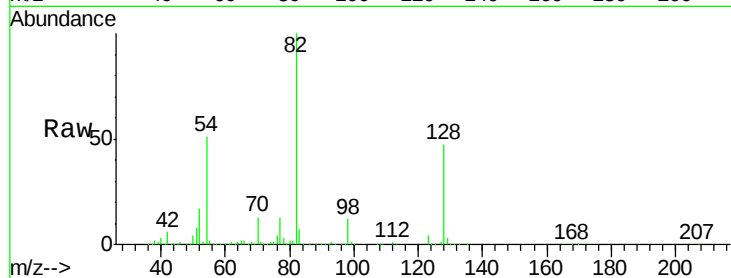




#23
 Nitrobenzene-d5
 Concen: 108.38 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

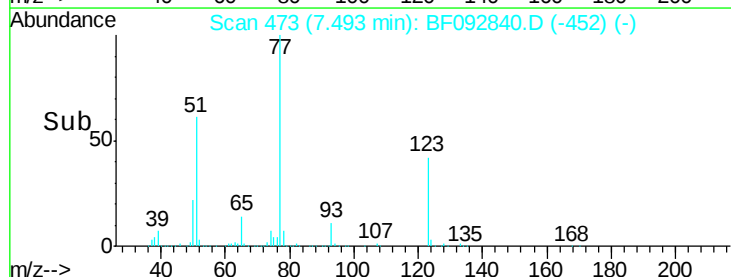
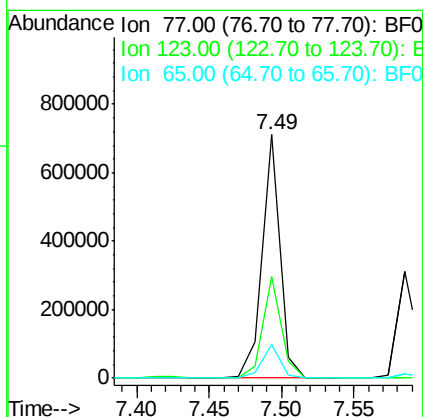
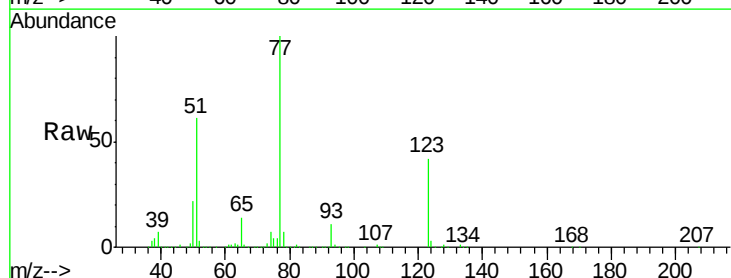
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

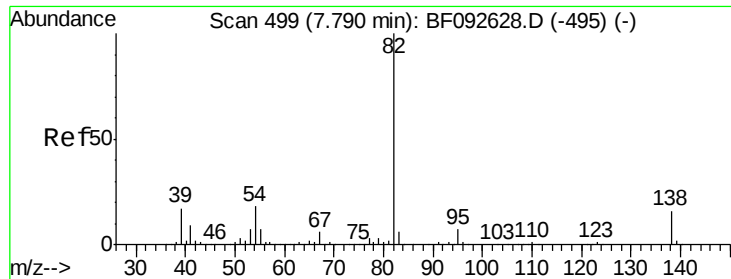
Tgt Ion: 82 Resp: 1294411
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.6 52.0
 54 51.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 49.67 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion: 77 Resp: 609131
 Ion Ratio Lower Upper
 77 100
 123 41.7 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 52.78 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

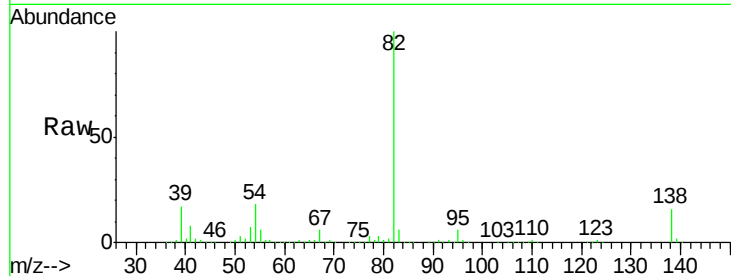
Tgt Ion: 82 Resp: 1174657

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

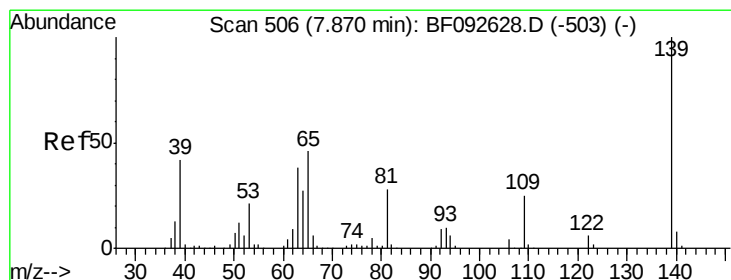
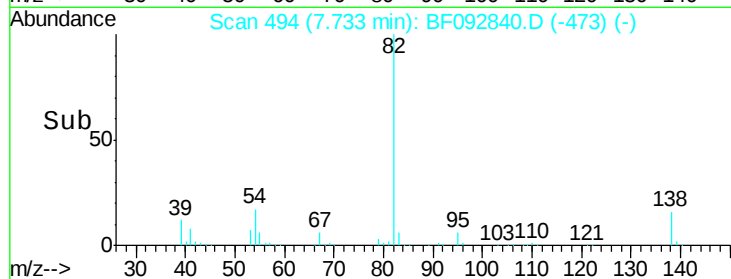
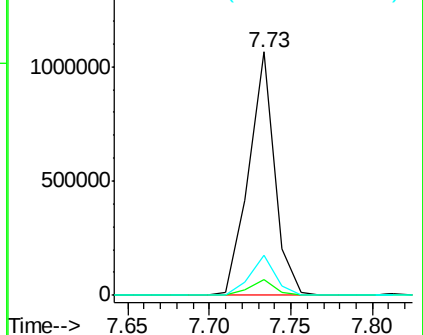
138 16.3 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 56.18 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

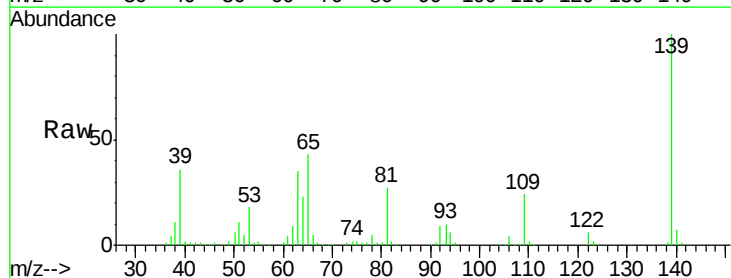
Tgt Ion: 139 Resp: 327516

Ion Ratio Lower Upper

139 100

109 24.1 23.3 34.9

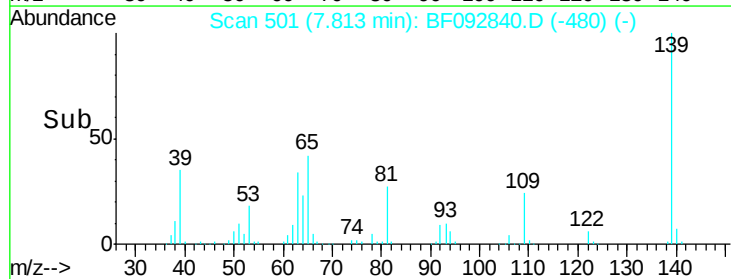
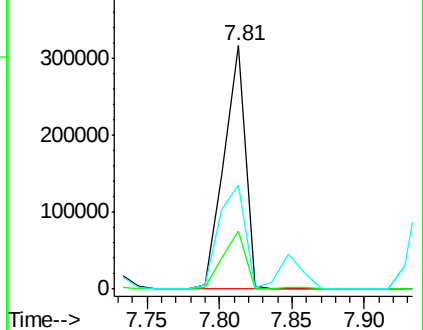
65 42.6 42.7 64.1#

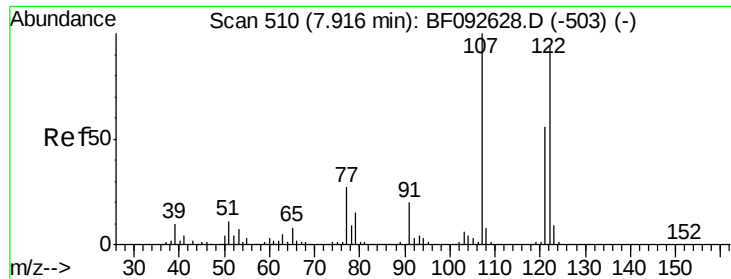


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

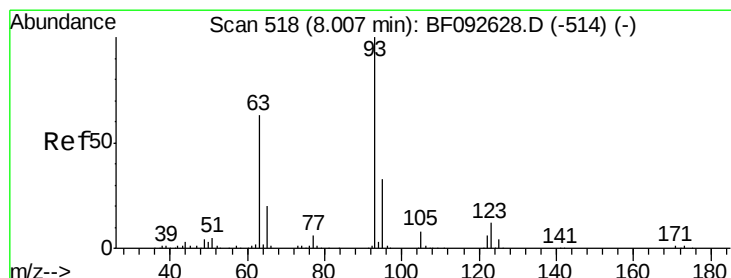
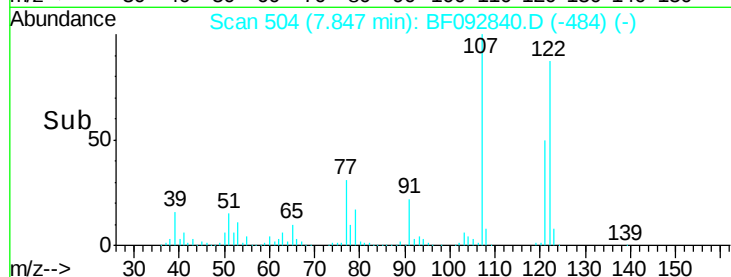
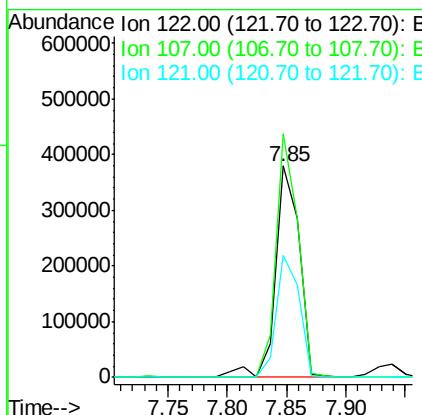
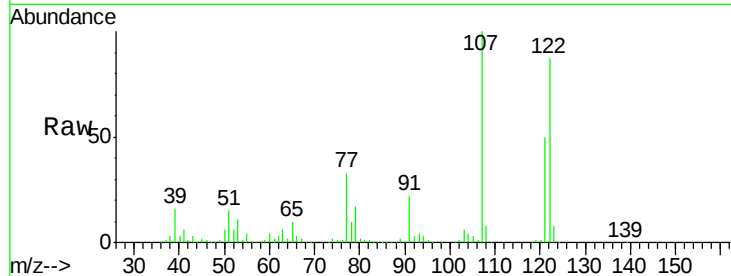




#27
2,4-Dimethylphenol
Concen: 51.32 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

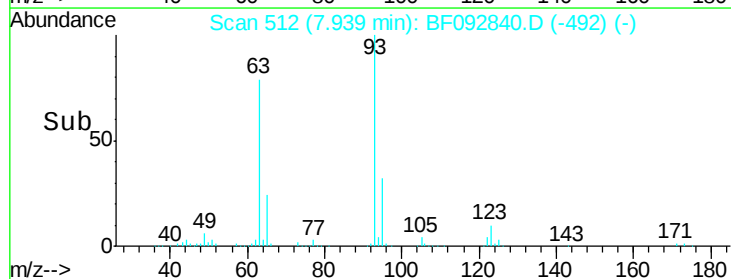
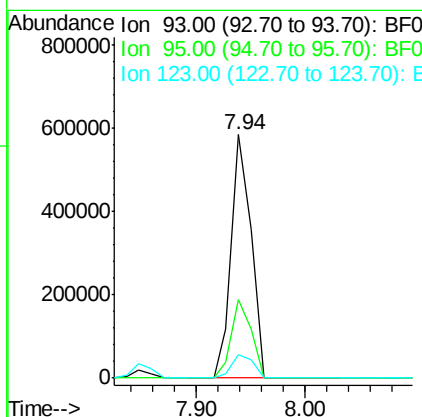
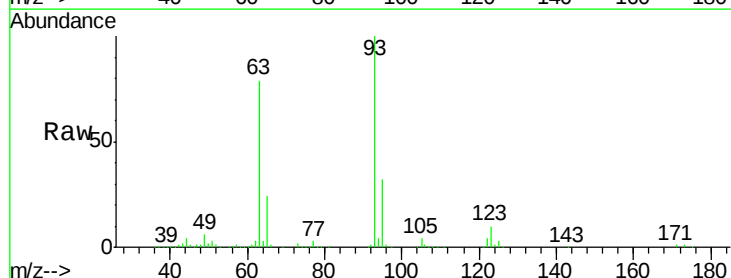
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

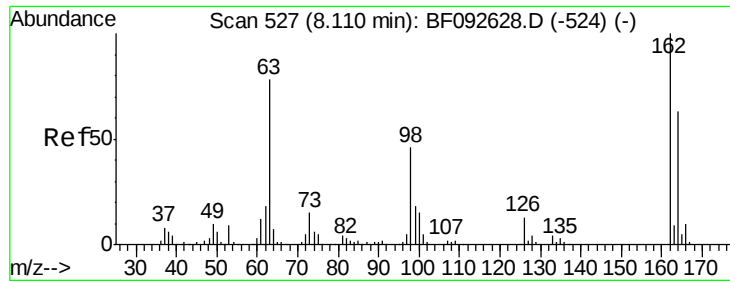
Tgt Ion: 122 Resp: 525412
Ion Ratio Lower Upper
122 100
107 115.3 94.1 141.1
121 57.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.72 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion: 93 Resp: 732889
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 9.8 8.6 13.0

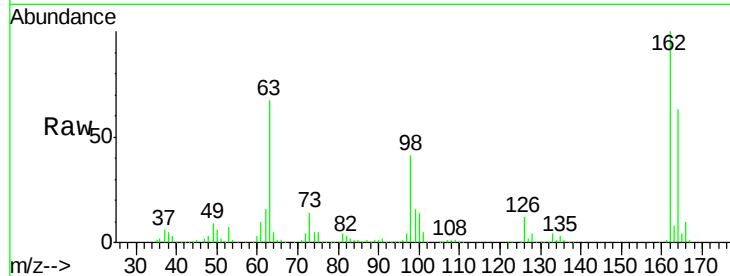




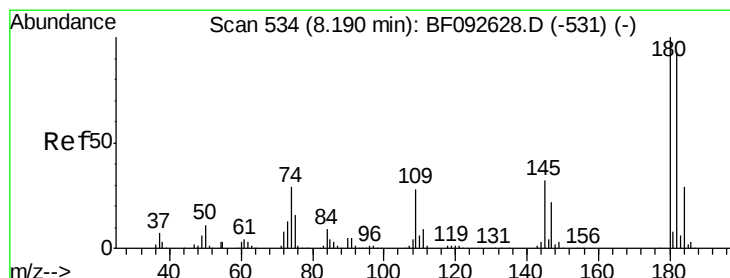
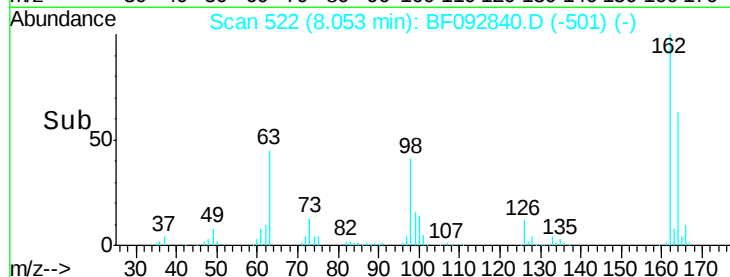
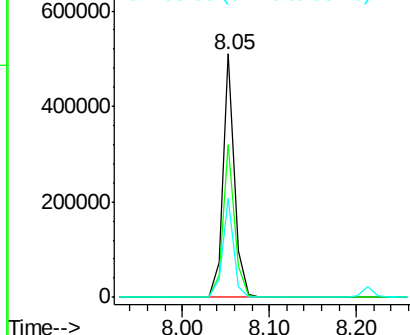
#29
2,4-Dichlorophenol
Concen: 49.86 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:162 Resp: 476090
Ion Ratio Lower Upper
162 100
164 62.8 46.8 86.8
98 40.8 9.1 49.1

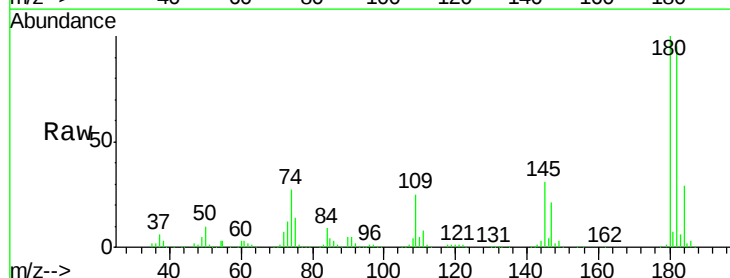


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

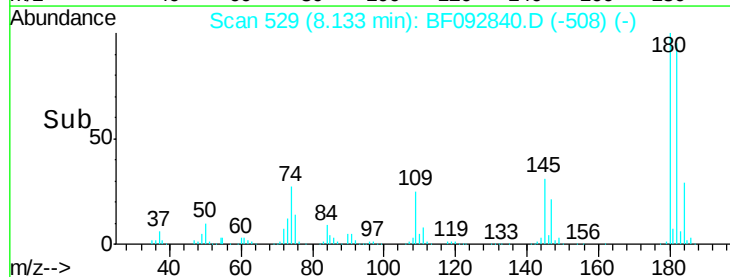
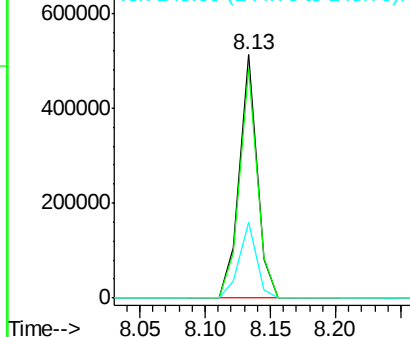


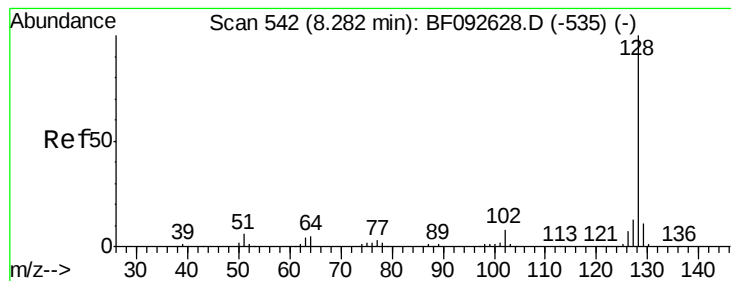
#30
1,2,4-Trichlorobenzene
Concen: 46.77 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:180 Resp: 481305
Ion Ratio Lower Upper
180 100
182 94.5 78.2 117.4
145 31.1 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: 42.81 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

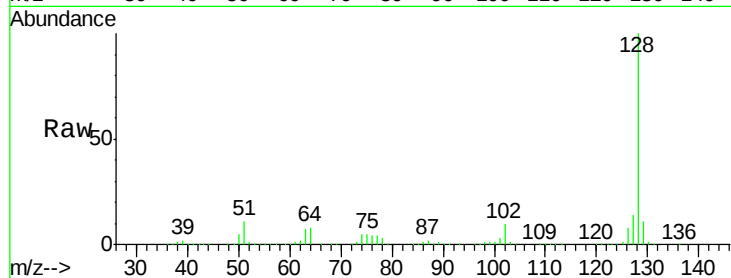
Tgt Ion:128 Resp: 1443538

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

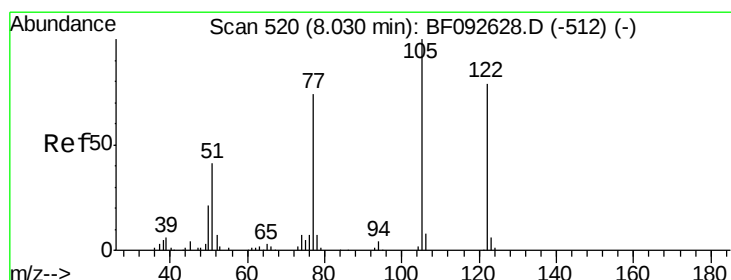
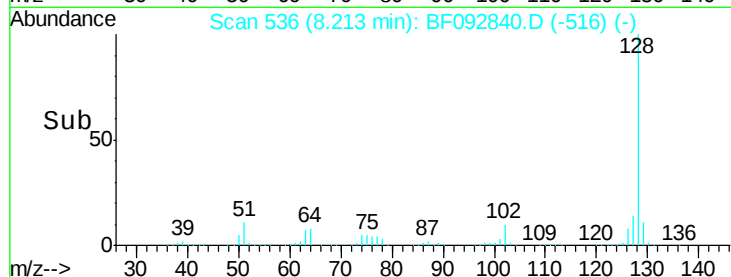
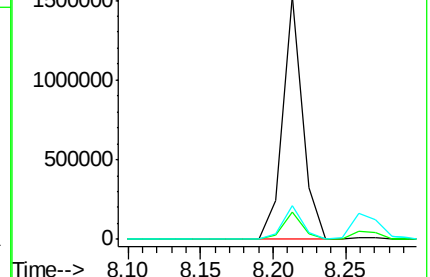
127 13.7 10.8 16.2



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: 13.66 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.09 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

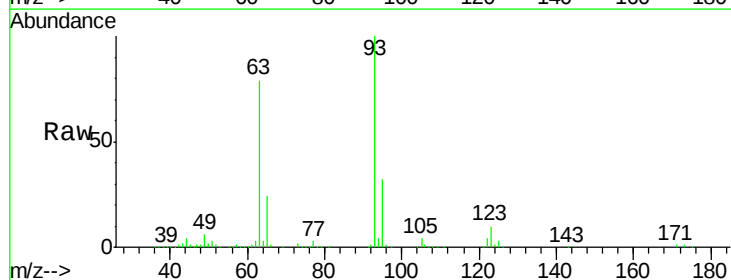
Tgt Ion:122 Resp: 44256

Ion Ratio Lower Upper

122 100

105 111.9 107.2 147.2

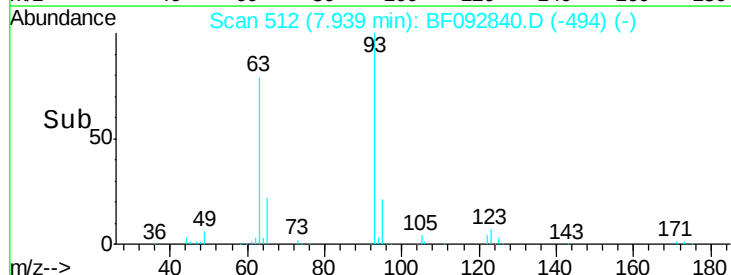
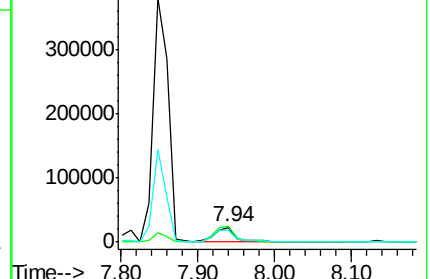
77 85.1 74.5 114.5

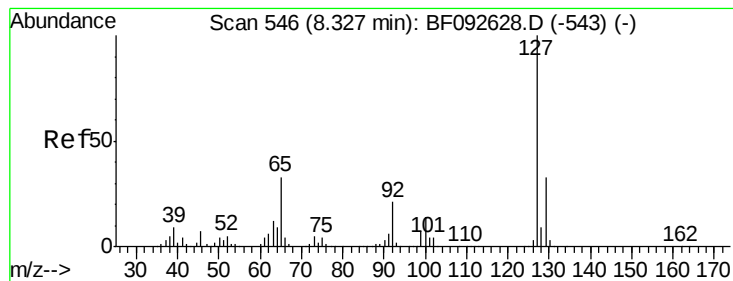


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.34 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

Tgt Ion:127 Resp: 229281

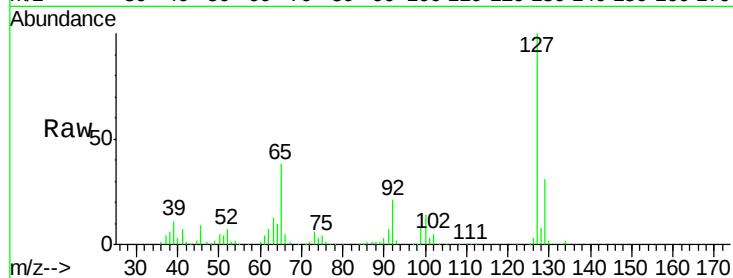
Ion Ratio Lower Upper

127 100

129 30.8 26.3 39.5

65 38.1 25.8 38.8

92 21.0 16.1 24.1

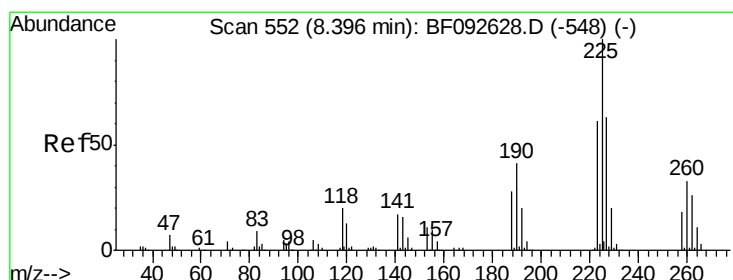
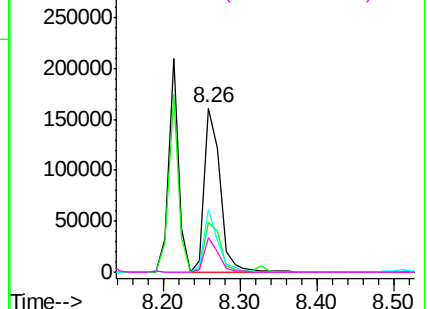
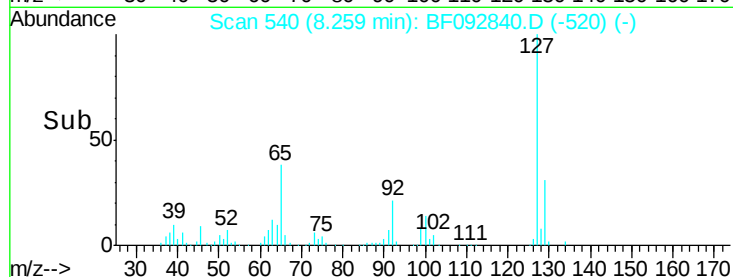


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.51 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

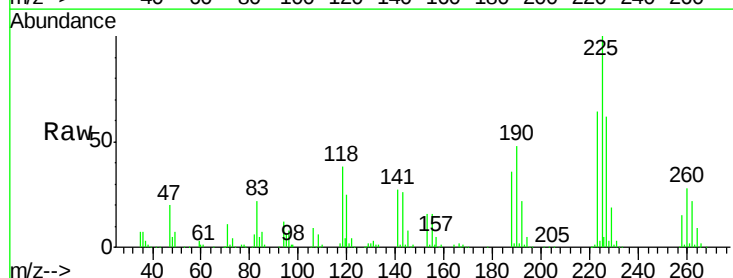
Tgt Ion:225 Resp: 246342

Ion Ratio Lower Upper

225 100

223 64.4 51.0 76.6

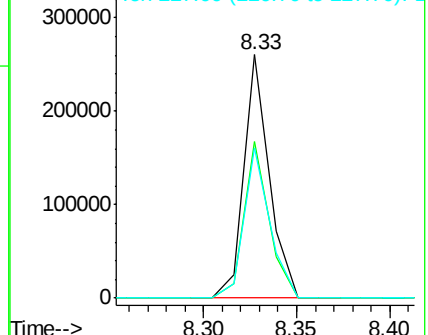
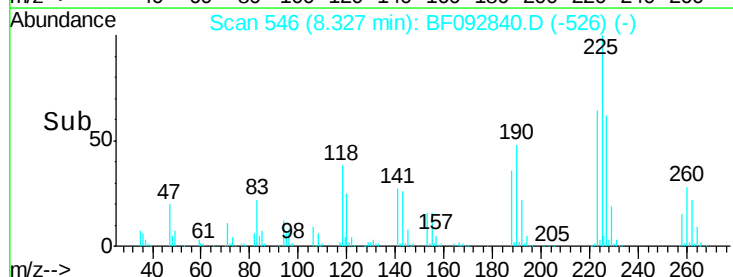
227 61.8 50.6 76.0

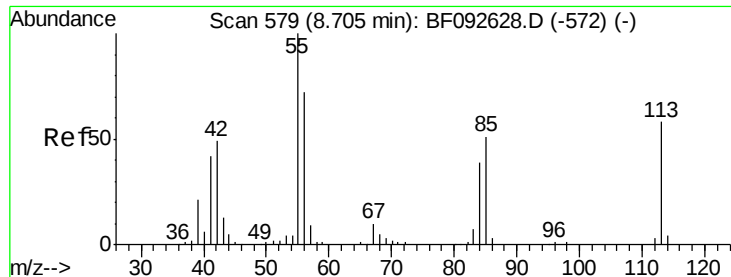


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

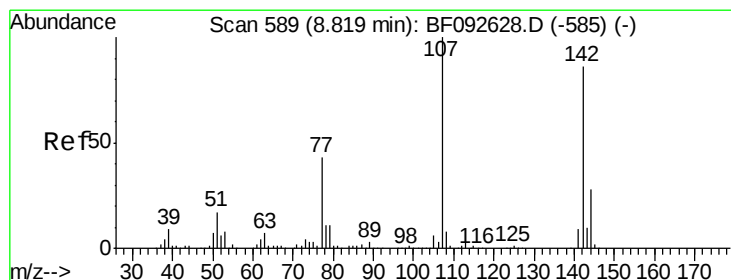
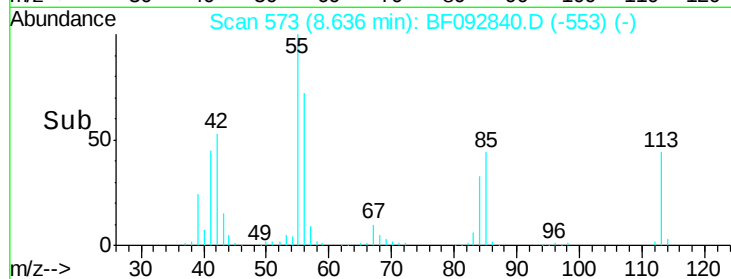
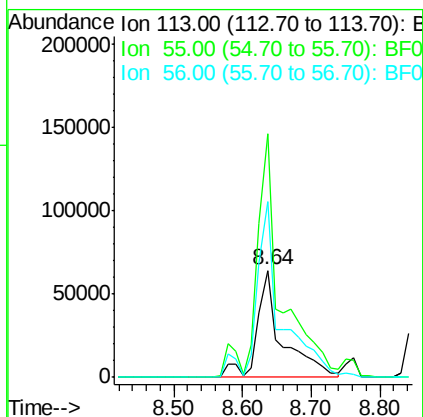
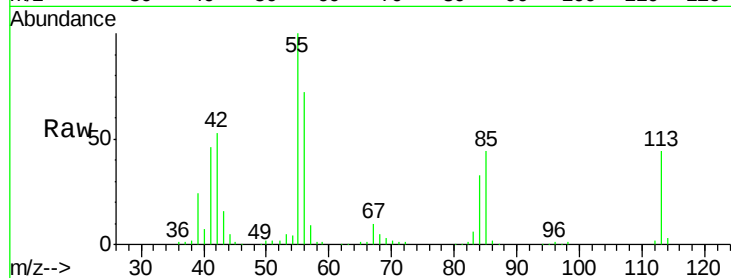




#35
 Caprolactam
 Concen: 53.62 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.07 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

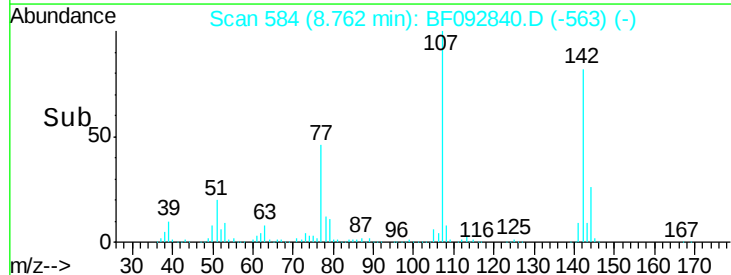
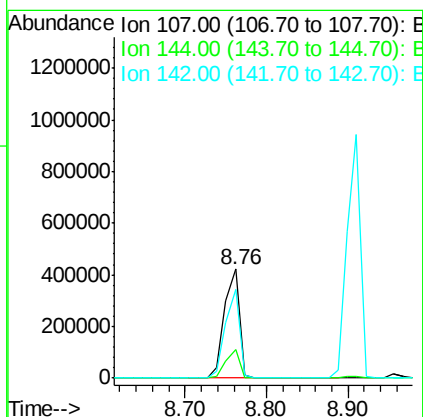
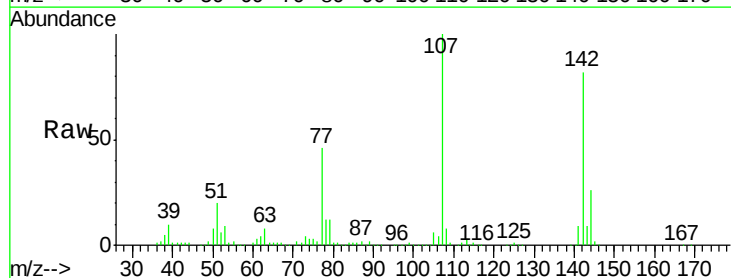
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

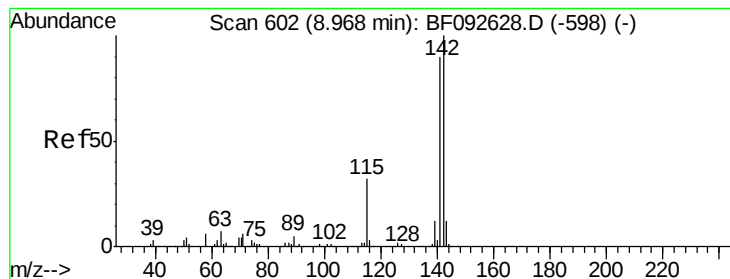
Tgt Ion:113 Resp: 161058
 Ion Ratio Lower Upper
 113 100
 55 227.2 119.2 159.2#
 56 163.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 54.19 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:107 Resp: 539481
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 81.9 59.0 88.6

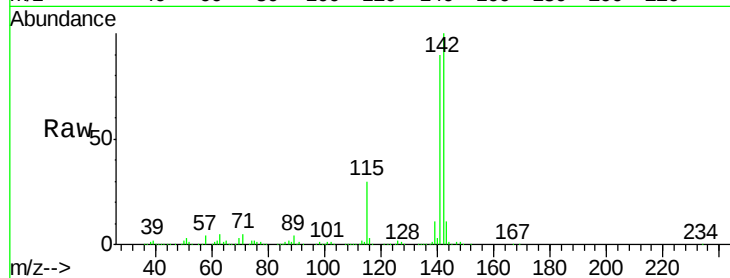




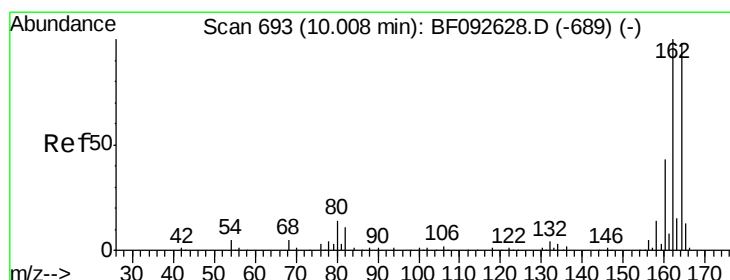
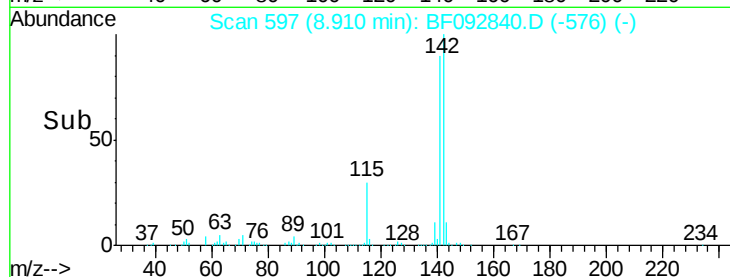
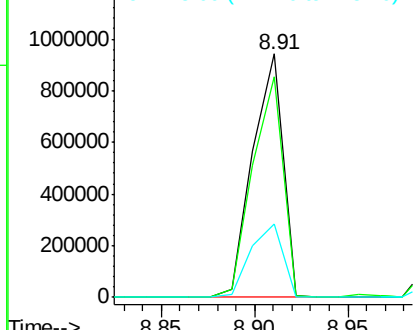
#37
 2-Methylnaphthalene
 Concen: 49.25 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tgt Ion:142 Resp: 1066147
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 30.3 28.3 42.5

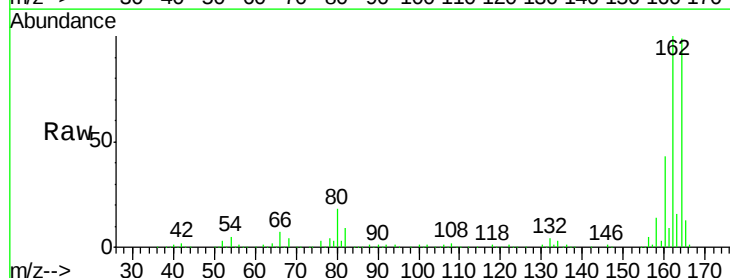


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

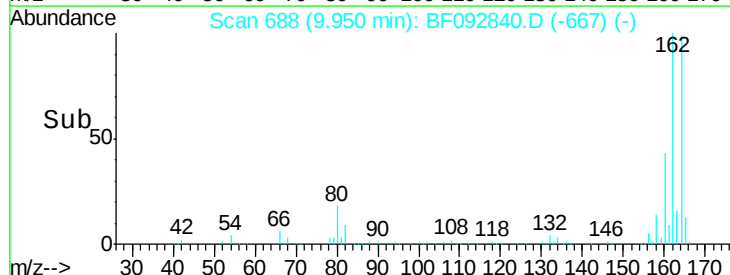
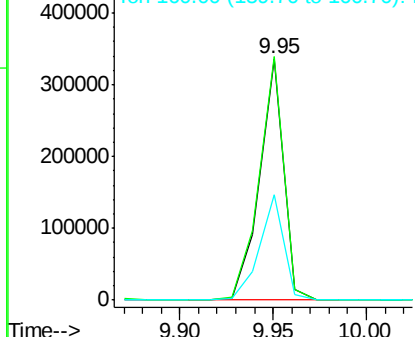


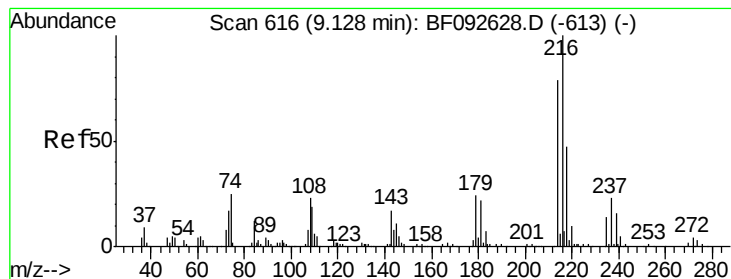
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:164 Resp: 305461
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.2 120.2
 160 43.5 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: 50.12 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

Tgt Ion:216 Resp: 429717

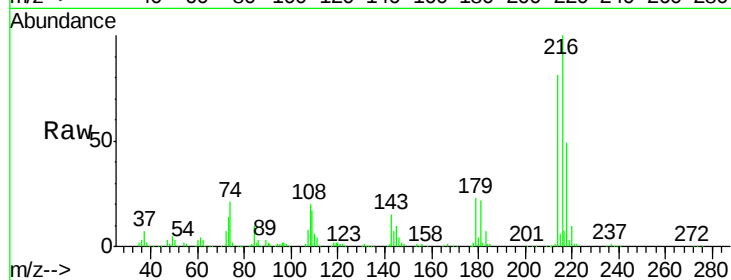
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 22.0 17.4 26.2

108 20.2 15.6 23.4

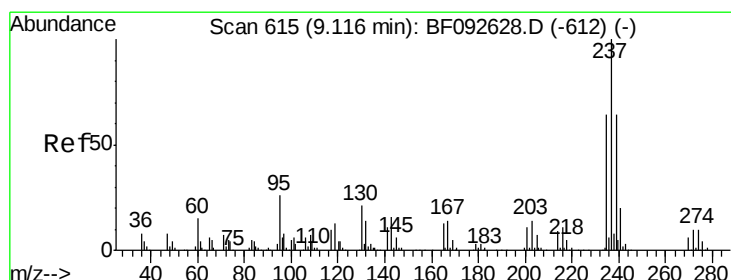
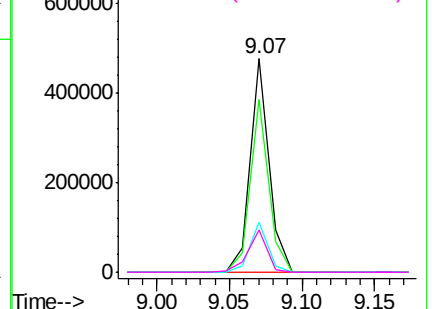
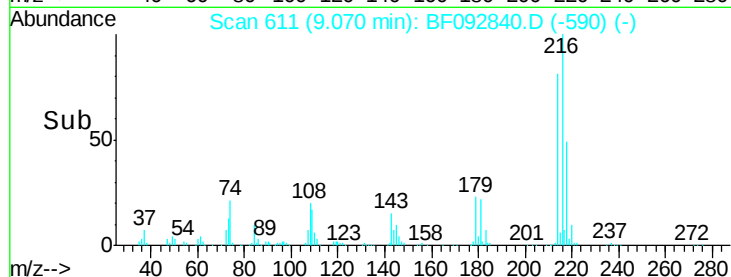


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.59 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

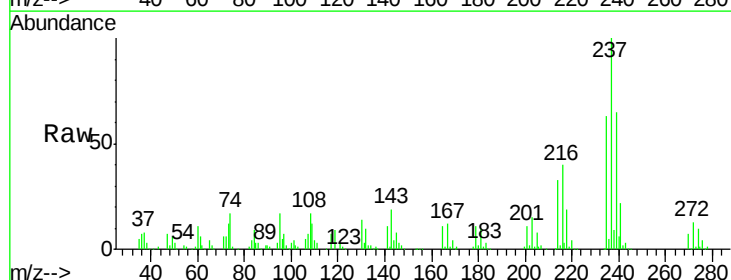
Tgt Ion:237 Resp: 126068

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

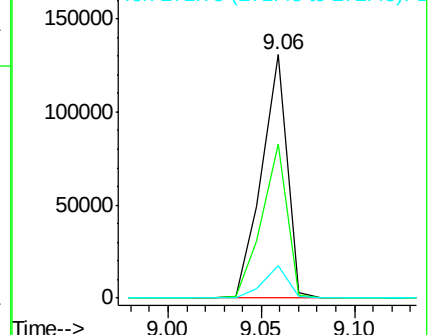
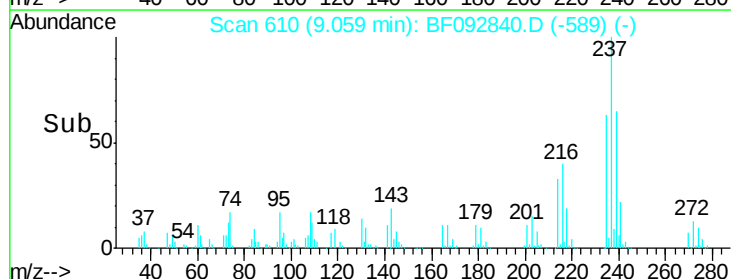
272 13.2 0.0 35.4

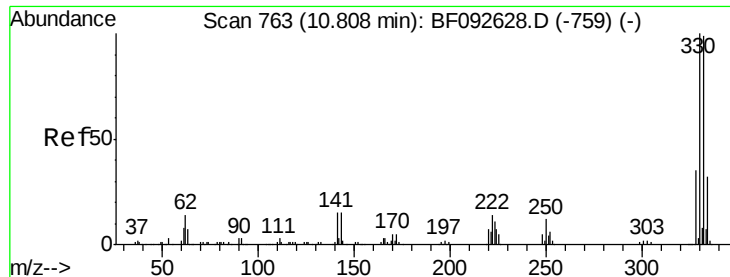


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

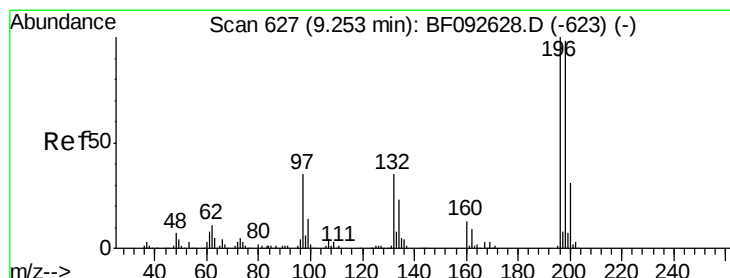
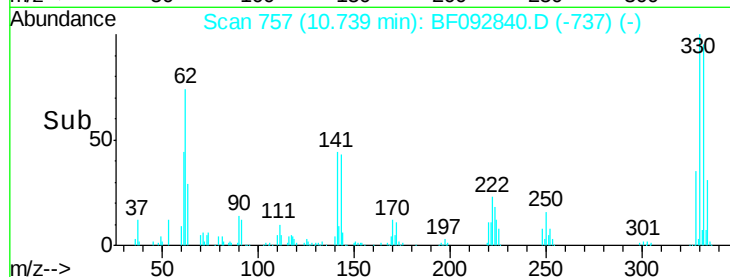
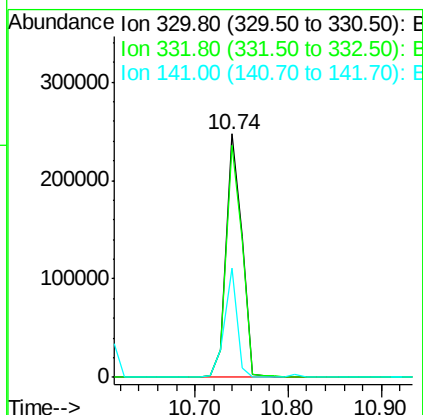
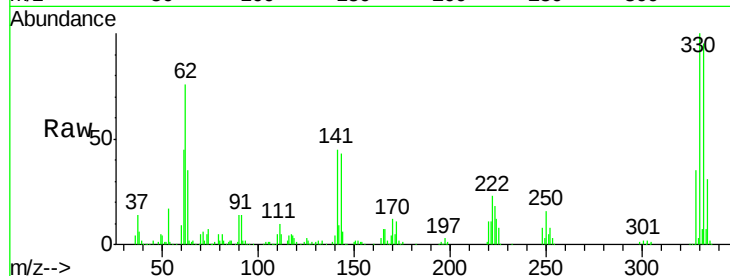




#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

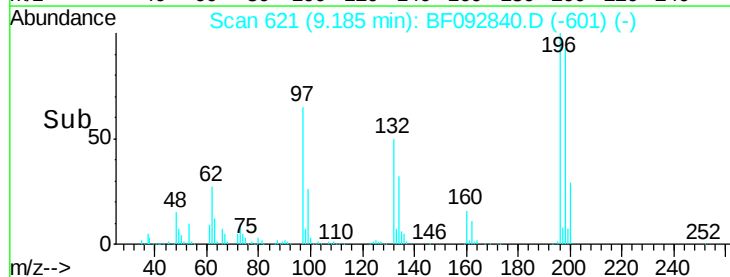
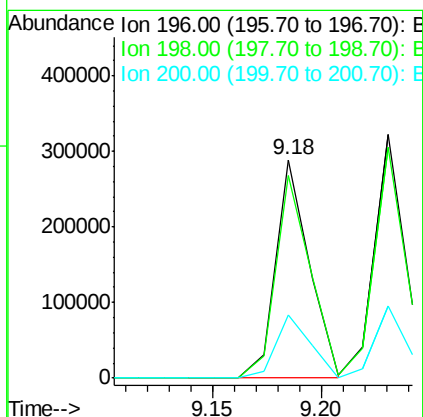
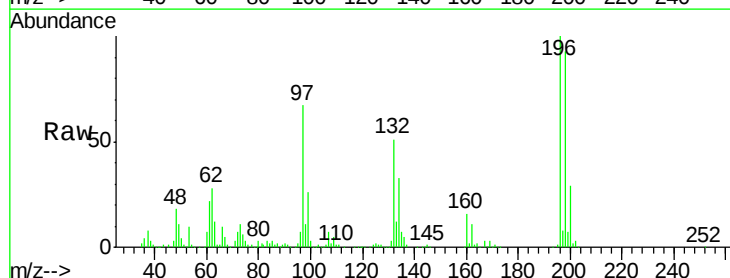
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

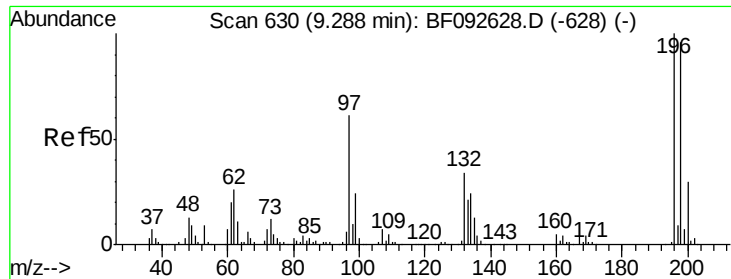
Tgt Ion:330 Resp: 292816
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 35.7 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 55.46 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.07 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:196 Resp: 312497
 Ion Ratio Lower Upper
 196 100
 198 92.9 82.1 123.1
 200 28.9 27.0 40.4

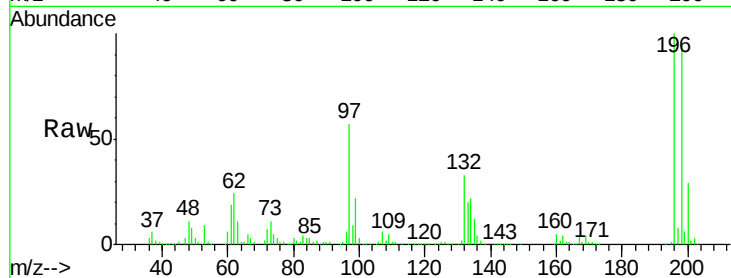




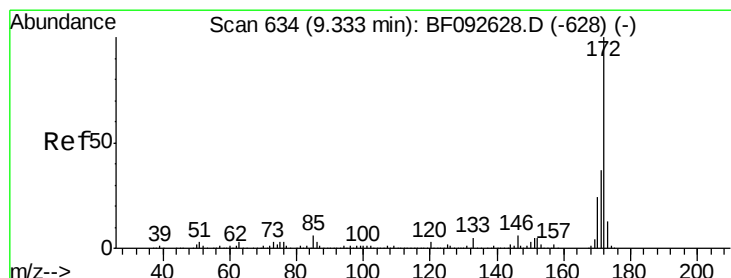
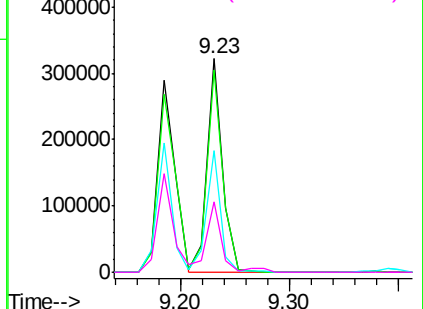
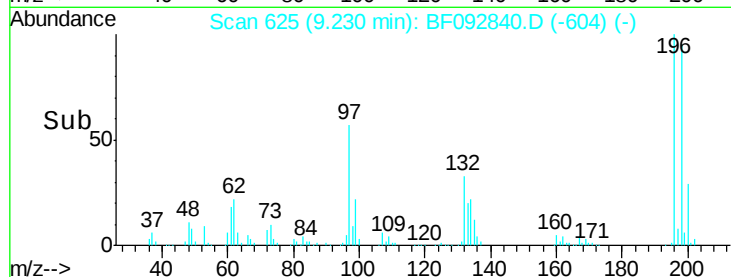
#43
 2,4,5-Trichlorophenol
 Concen: 52.22 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	79.4	119.2
97	57.2	51.5	77.3
132	32.8	27.4	41.2

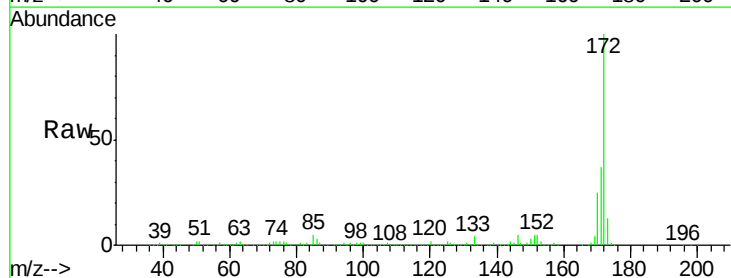


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

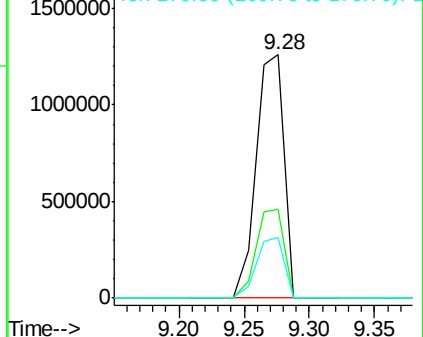
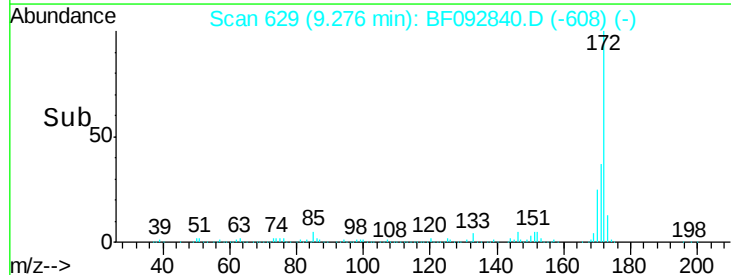


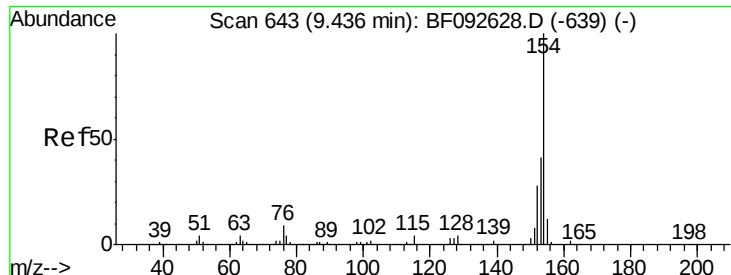
#44
 2-Fluorobiphenyl
 Concen: 111.09 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.8	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

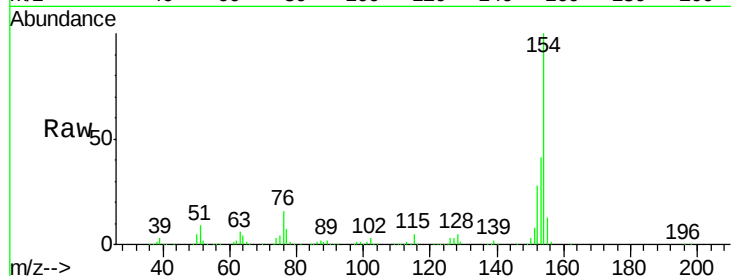




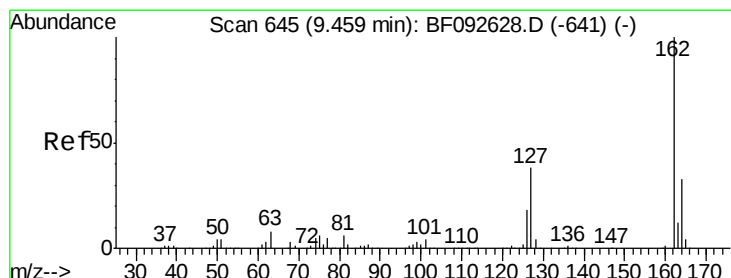
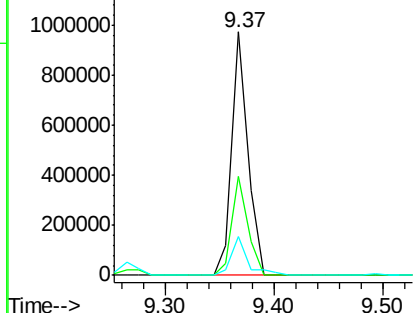
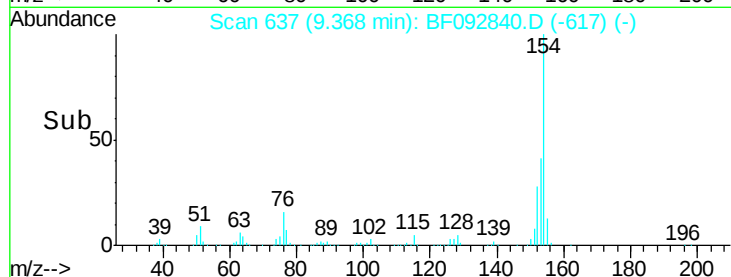
#45
 1,1'-Biphenyl
 Concen: 44.79 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tgt Ion:154 Resp: 990657
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.9 60.9
 76 15.8 0.0 30.5

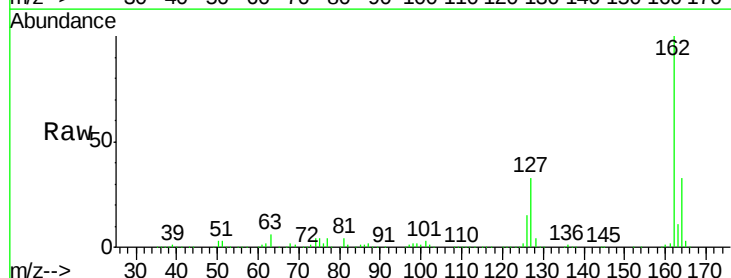


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

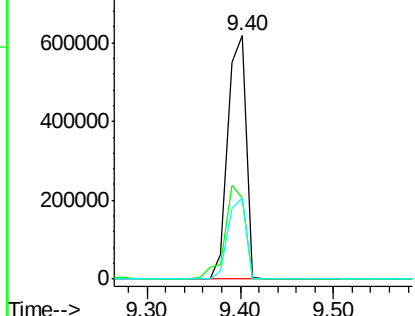
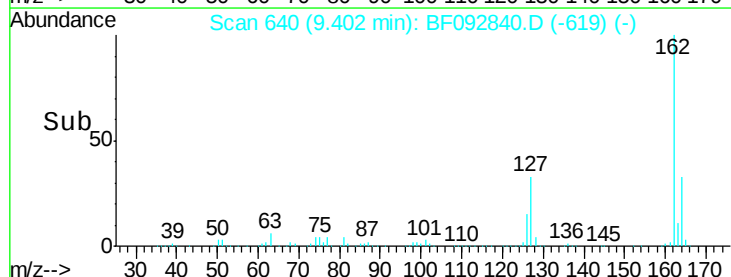


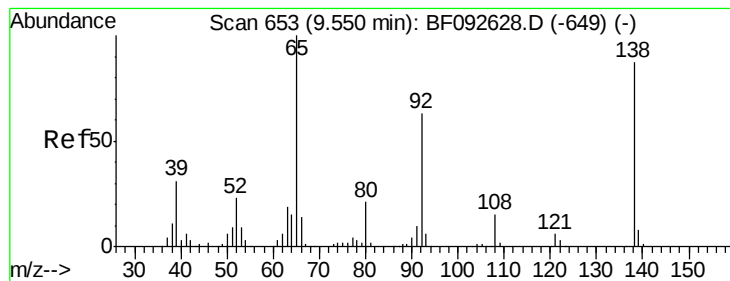
#46
 2-Chloronaphthalene
 Concen: 49.09 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:162 Resp: 849441
 Ion Ratio Lower Upper
 162 100
 127 33.1 30.7 46.1
 164 33.4 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.33 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

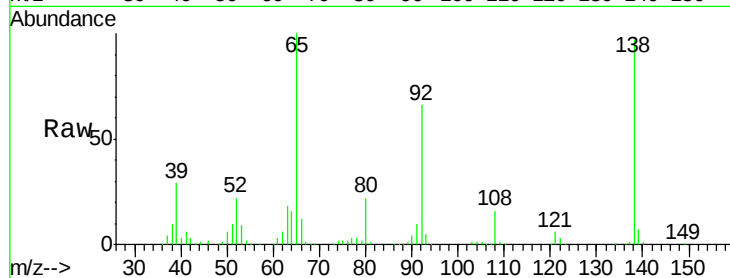
Tgt Ion: 65 Resp: 269517

Ion Ratio Lower Upper

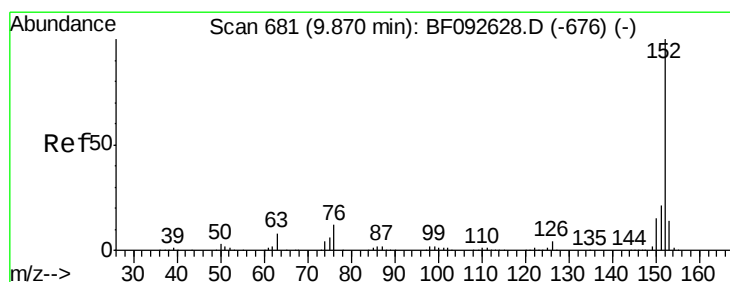
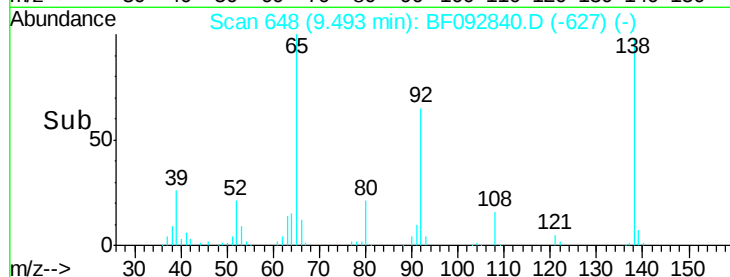
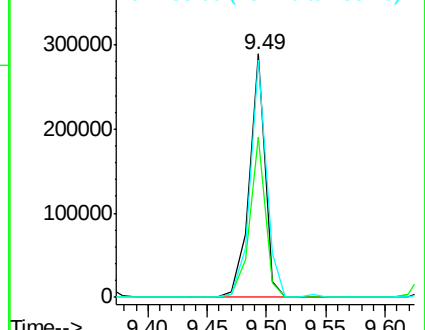
65 100

92 65.8 53.9 80.9

138 97.3 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): E



#48

Acenaphthylene

Concen: 44.24 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

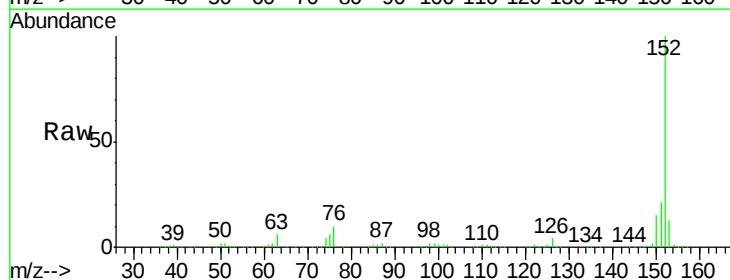
Tgt Ion: 152 Resp: 1322232

Ion Ratio Lower Upper

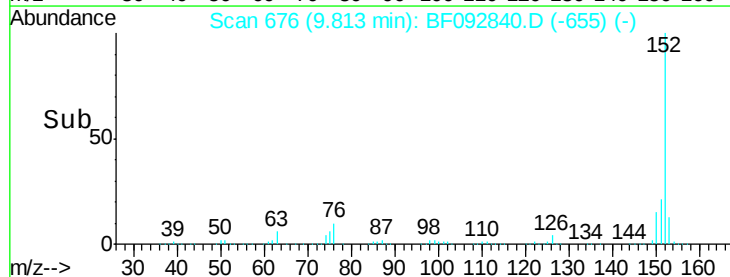
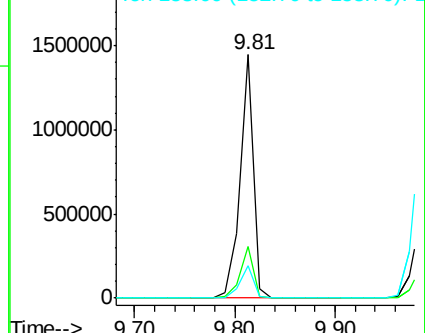
152 100

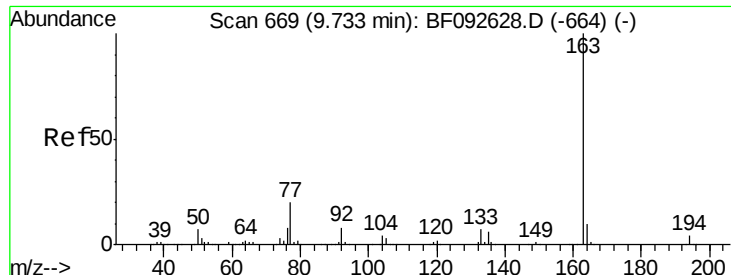
151 21.0 16.9 25.3

153 13.4 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

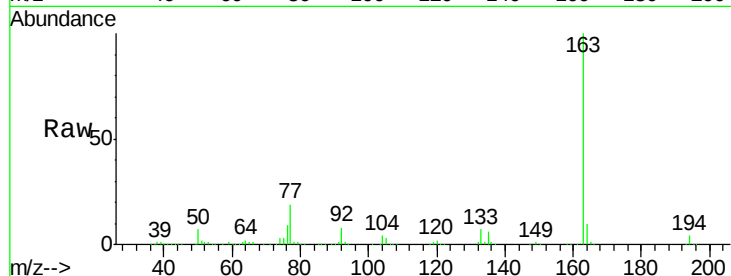




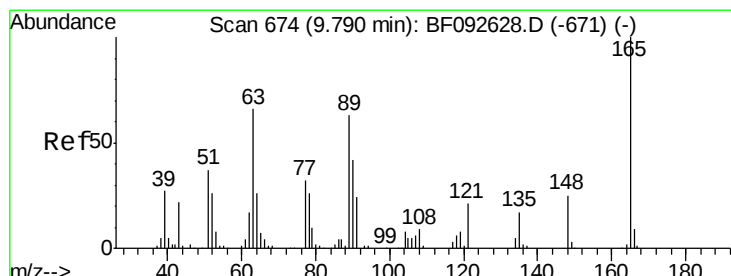
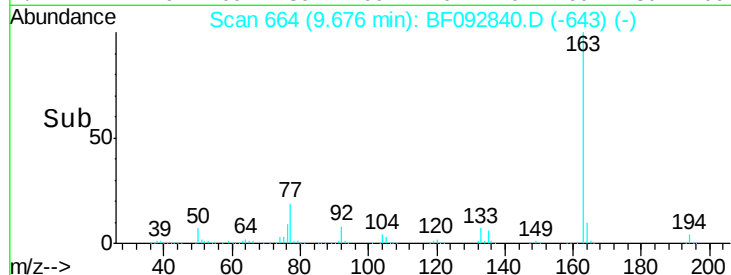
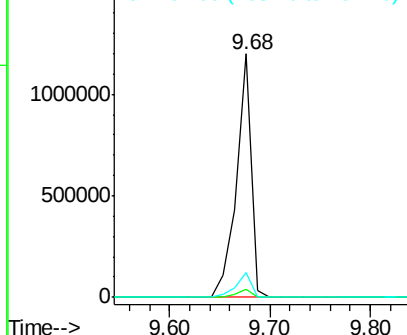
#49
Dimethylphthalate
Concen: 59.45 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:163 Resp: 1223065
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.2 8.0 12.0

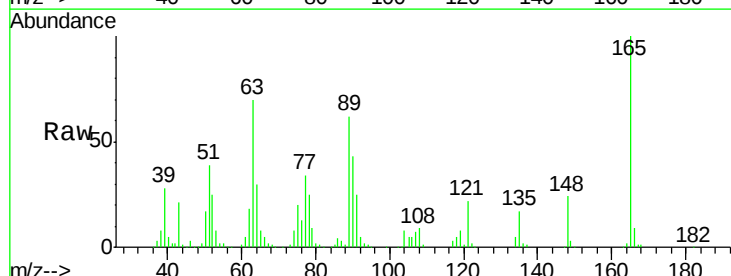


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

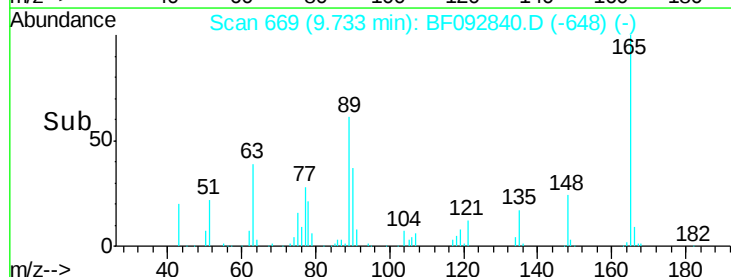
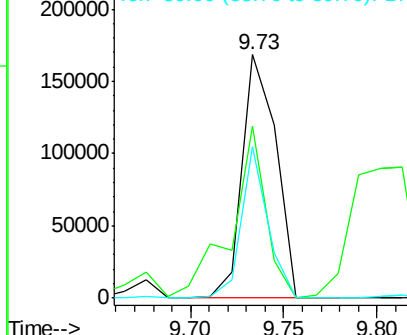


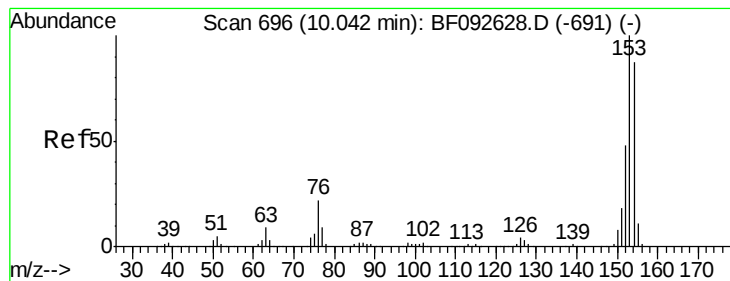
#50
2,6-Dinitrotoluene
Concen: 47.53 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:165 Resp: 211182
Ion Ratio Lower Upper
165 100
63 70.4 36.2 54.4#
89 62.1 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: 45.16 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

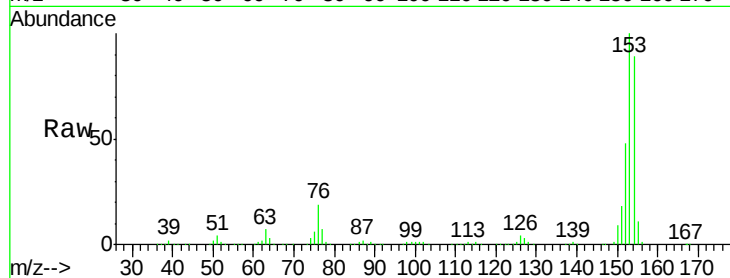
Tgt Ion:154 Resp: 807056

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

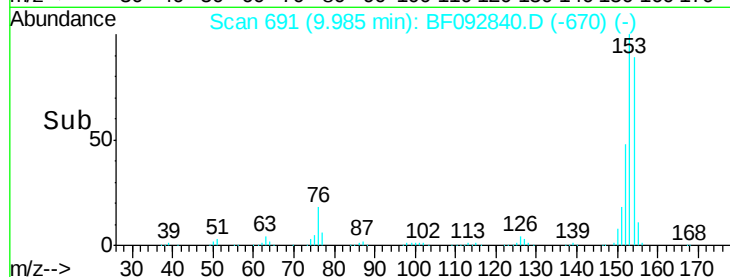
152 53.7 41.6 62.4



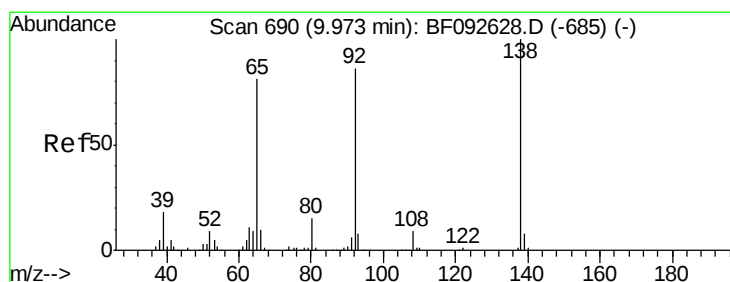
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 31.12 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

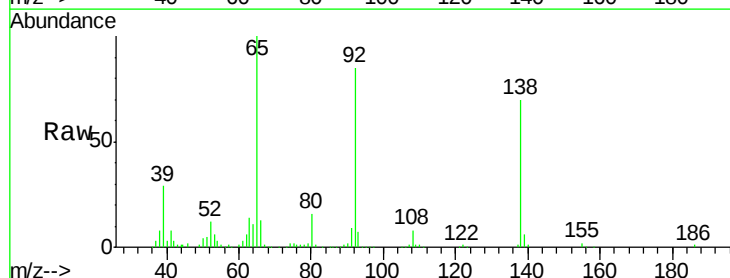
Tgt Ion:138 Resp: 158226

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

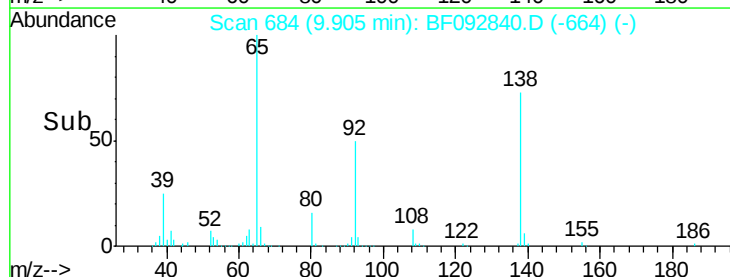
92 121.6 97.8 146.8



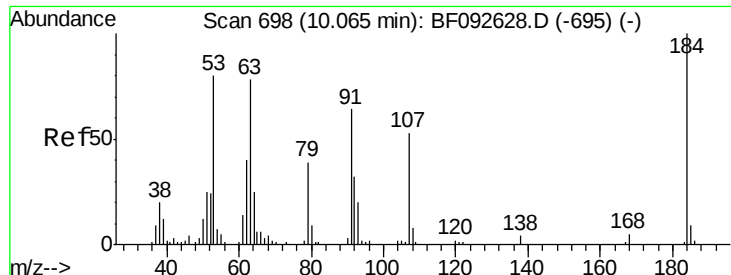
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



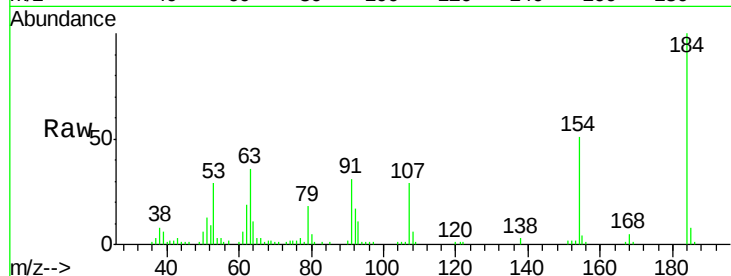
Time-->



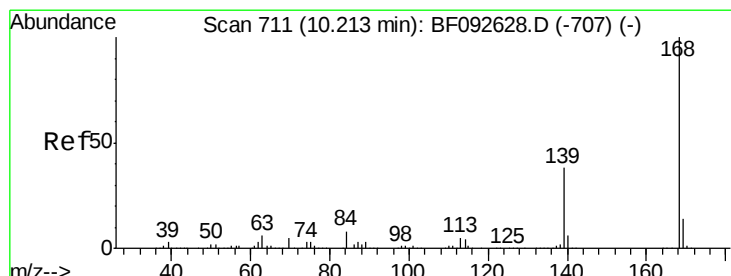
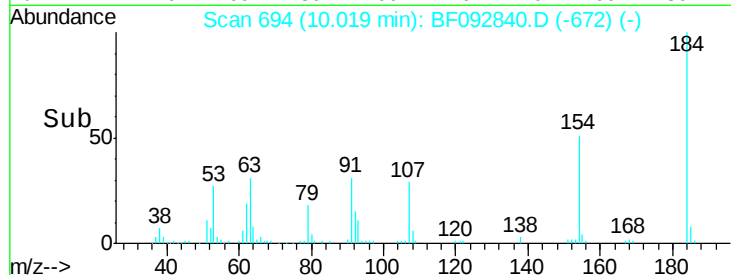
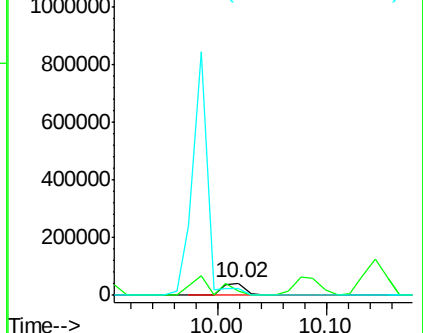
#53
2,4-Dinitrophenol
Concen: 30.44 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.04 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:184 Resp: 61748
Ion Ratio Lower Upper
184 100
63 36.2 28.4 42.6
154 51.0 44.3 66.5

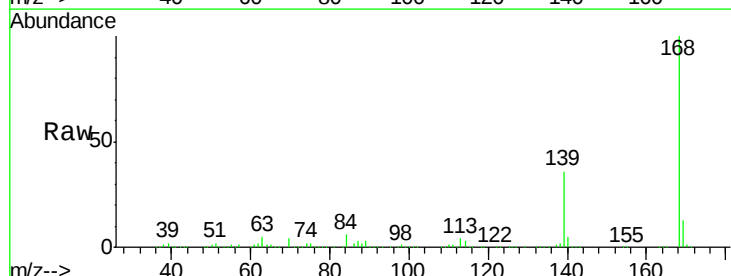


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

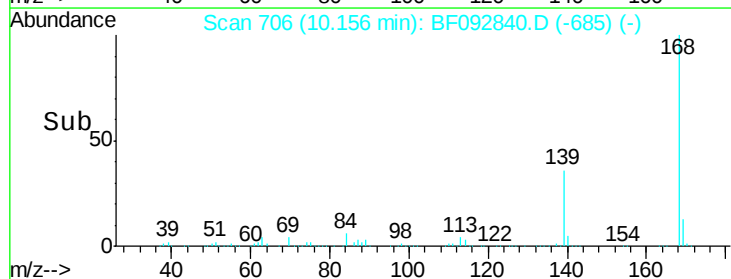
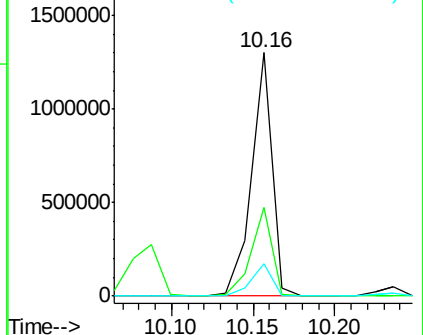


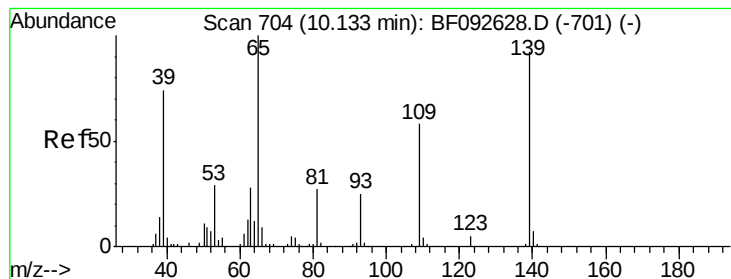
#54
Dibenzofuran
Concen: 47.76 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:168 Resp: 1141683
Ion Ratio Lower Upper
168 100
139 36.4 32.6 49.0
169 13.4 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: 98.07 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

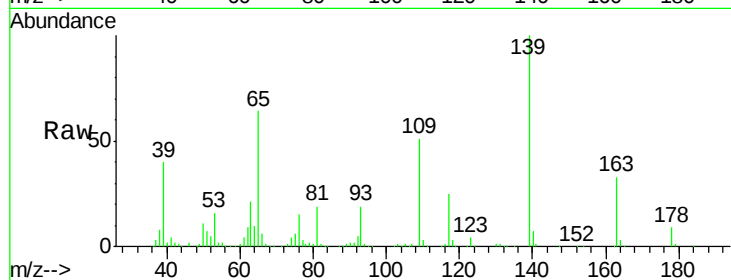
Tgt Ion:139 Resp: 359192

Ion Ratio Lower Upper

139 100

109 51.0 52.2 92.2#

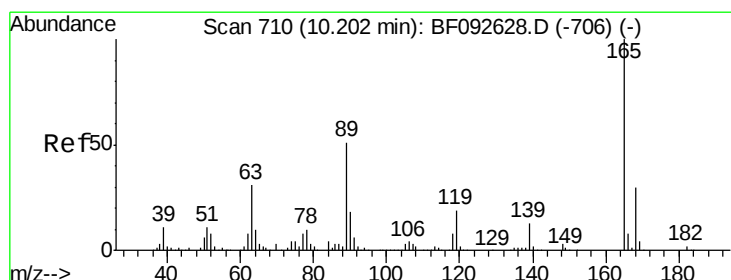
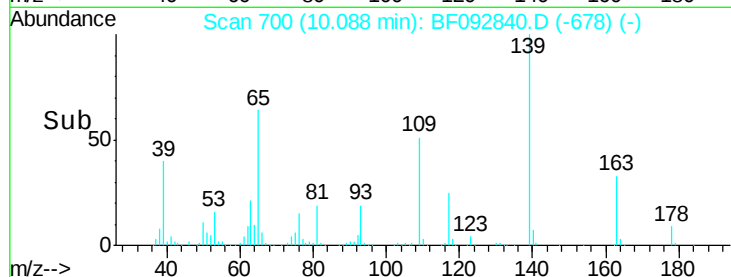
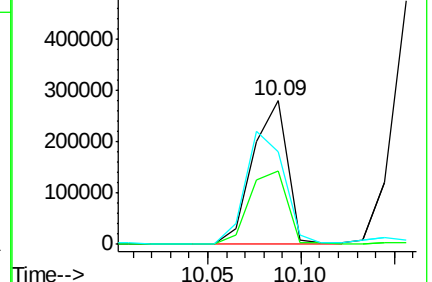
65 64.3 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.86 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:165 Resp: 306779

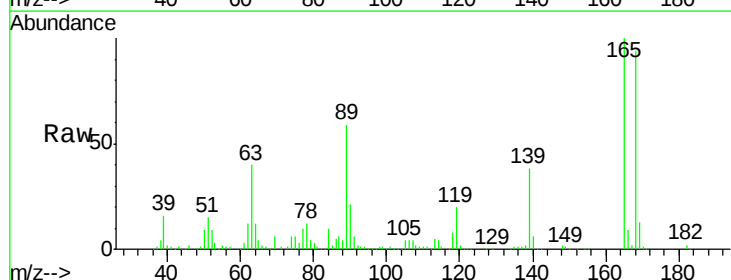
Ion Ratio Lower Upper

165 100

63 39.9 40.2 60.4#

89 59.1 62.5 93.7#

182 2.4 1.8 2.8

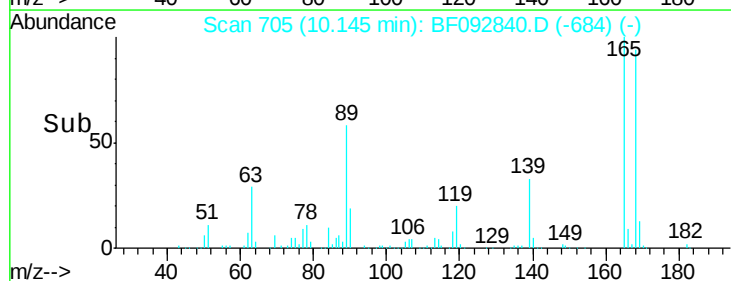
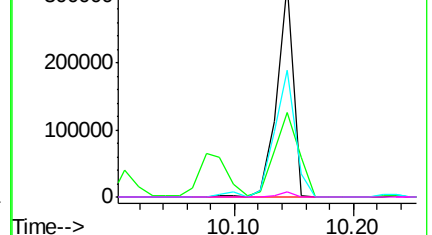


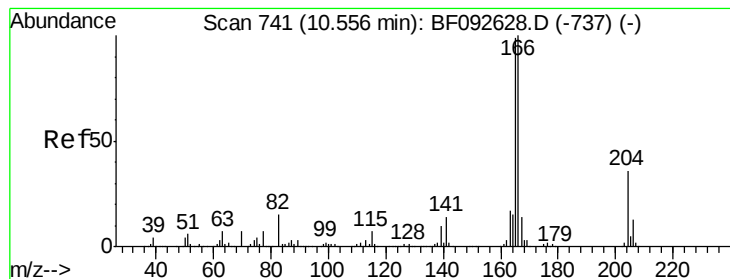
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.07 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

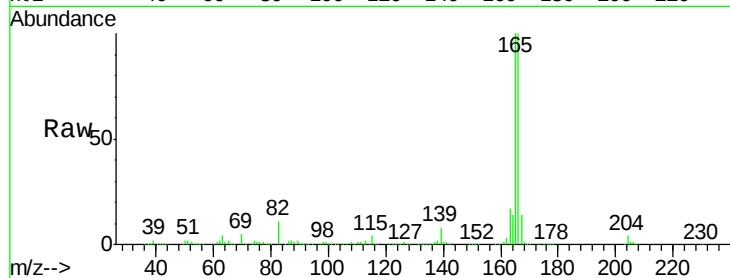
Tgt Ion:166 Resp: 865633

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

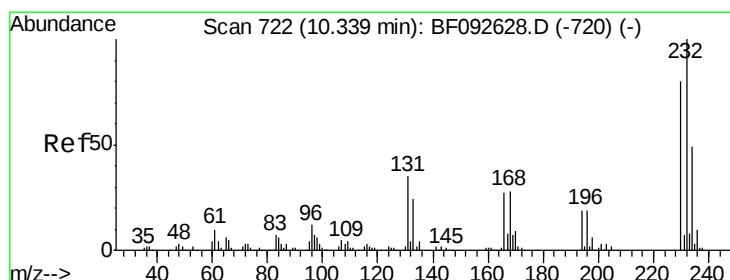
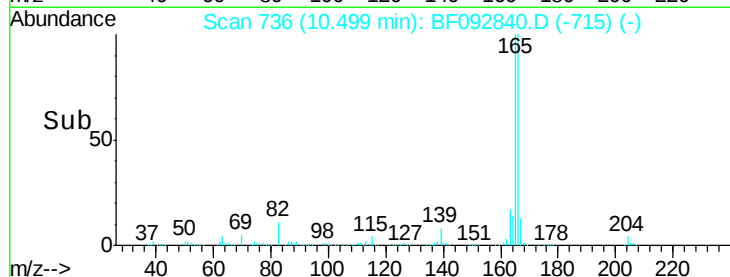
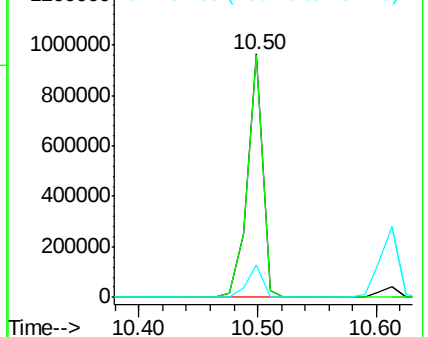
167 13.5 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.60 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:232 Resp: 208380

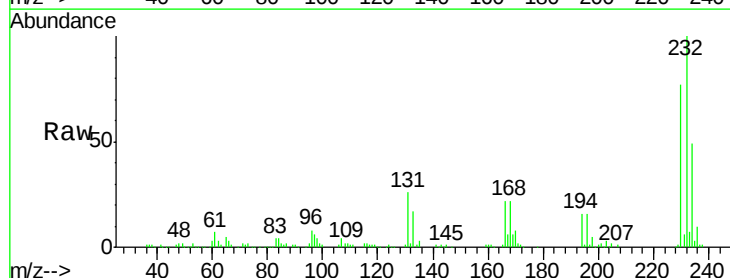
Ion Ratio Lower Upper

232 100

131 45.5 40.1 60.1

130 2.1 1.8 2.8

166 31.0 26.6 39.8

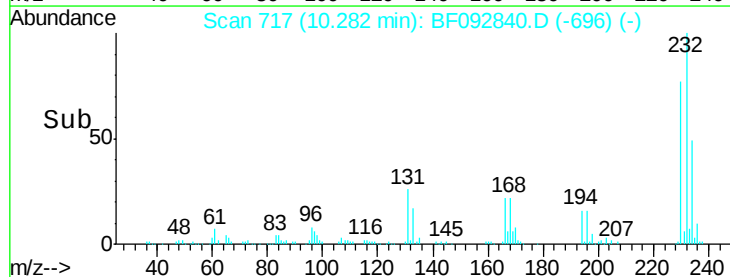
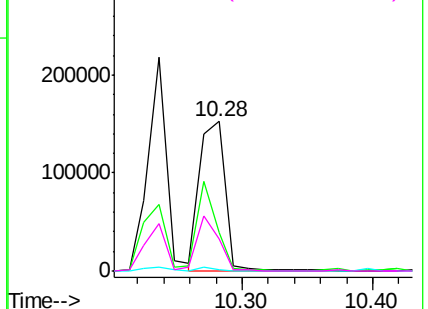


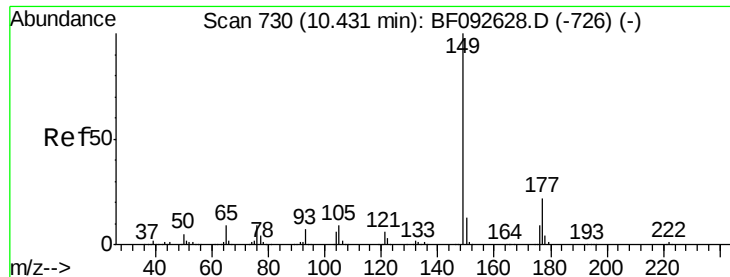
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

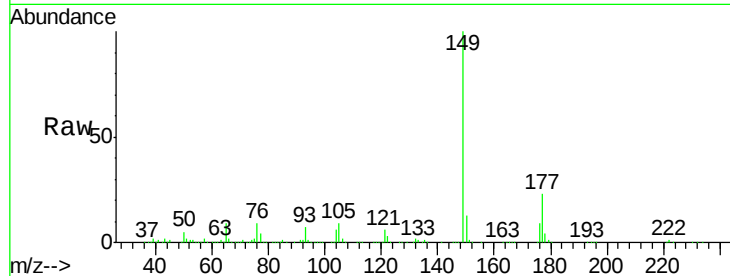




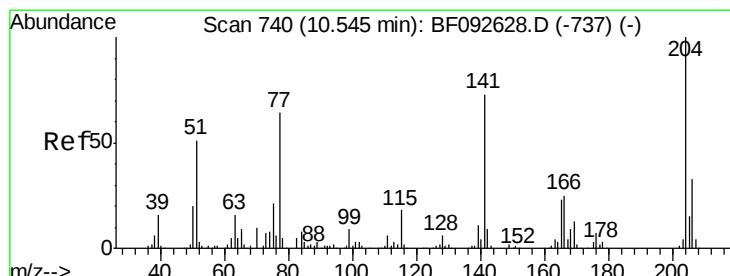
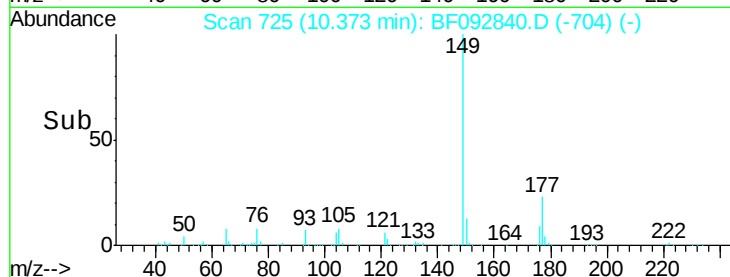
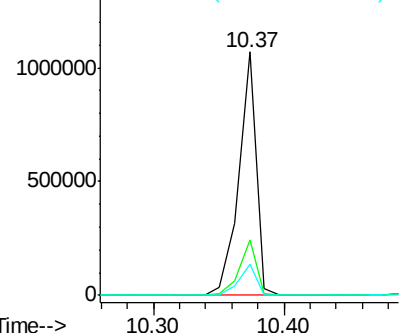
#59
Diethylphthalate
Concen: 51.50 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:149 Resp: 998567
Ion Ratio Lower Upper
149 100
177 22.8 16.6 25.0
150 12.9 10.4 15.6

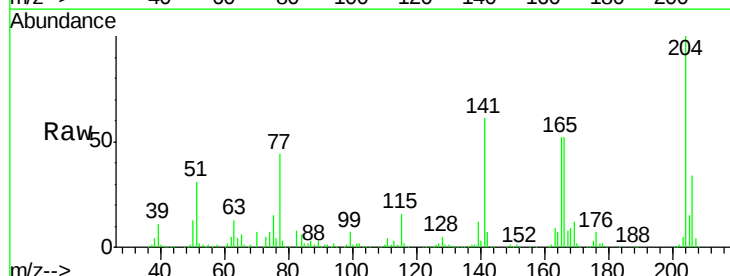


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

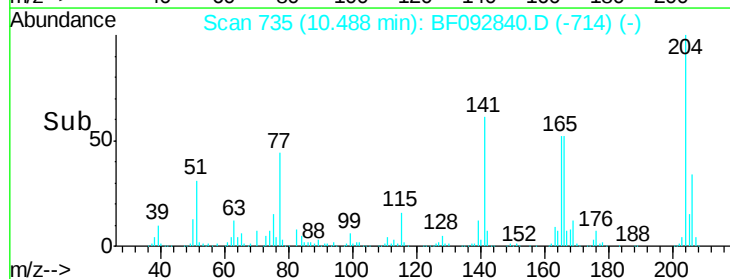
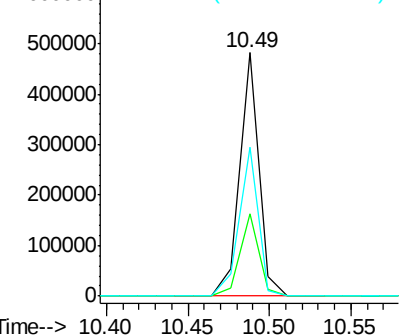


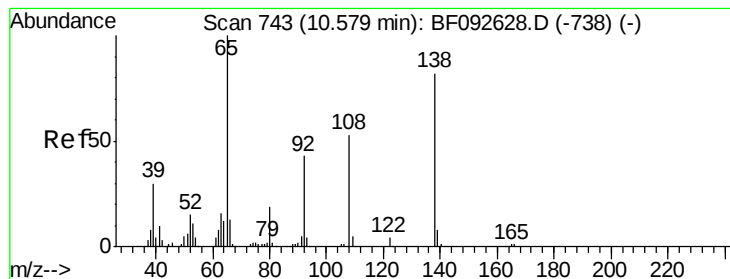
#60
4-Chlorophenyl-phenylether
Concen: 44.74 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:204 Resp: 395226
Ion Ratio Lower Upper
204 100
206 34.0 25.8 38.6
141 61.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.20 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

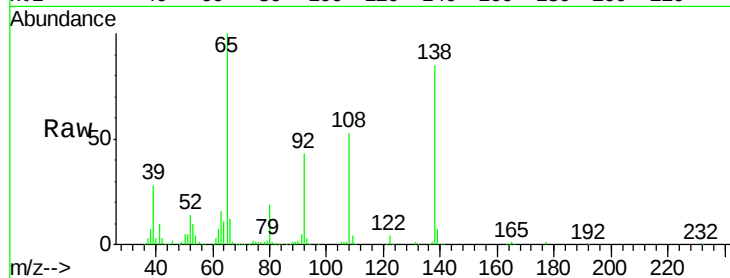
Tgt Ion:138 Resp: 214601

Ion Ratio Lower Upper

138 100

92 50.5 31.7 71.7

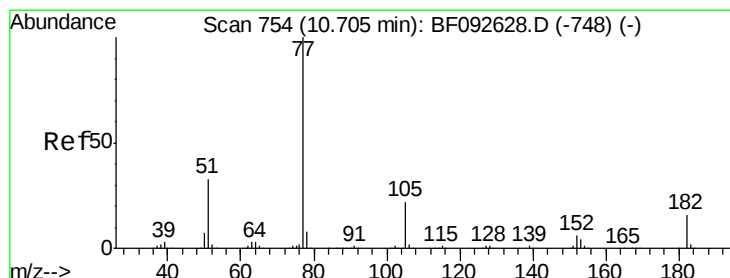
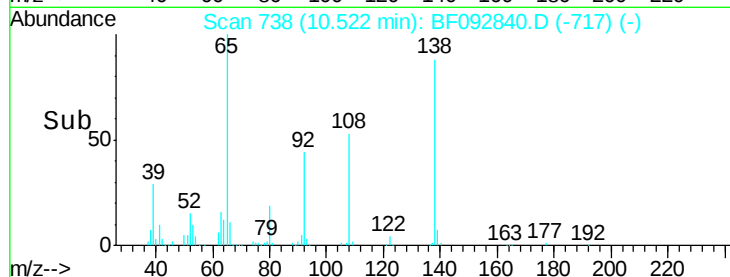
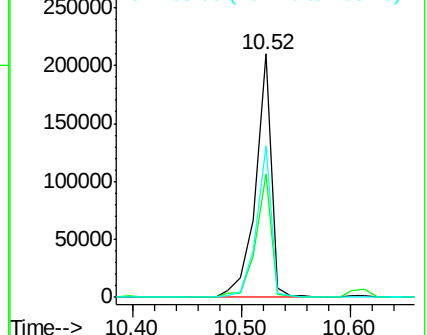
108 62.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.70 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion: 77 Resp: 975551

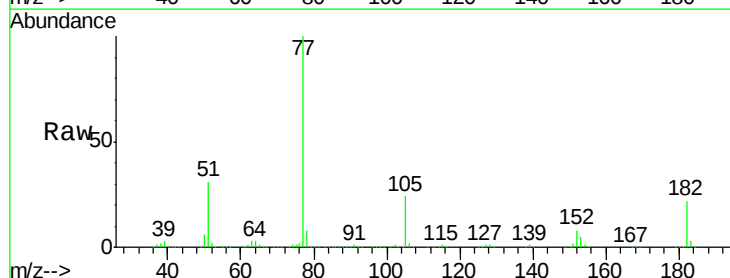
Ion Ratio Lower Upper

77 100

182 21.8 0.0 39.3

105 23.7 2.3 42.3

51 31.5 8.9 48.9

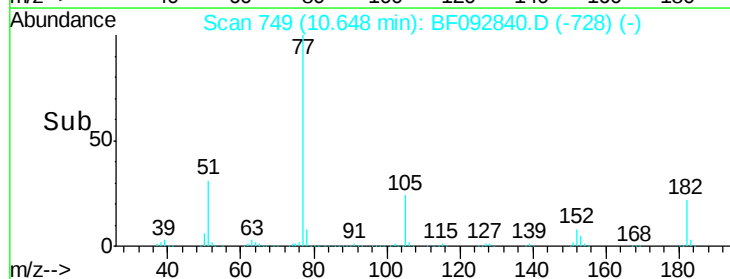
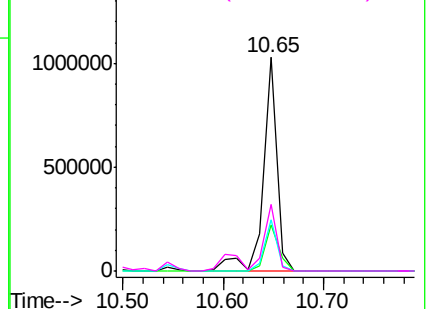


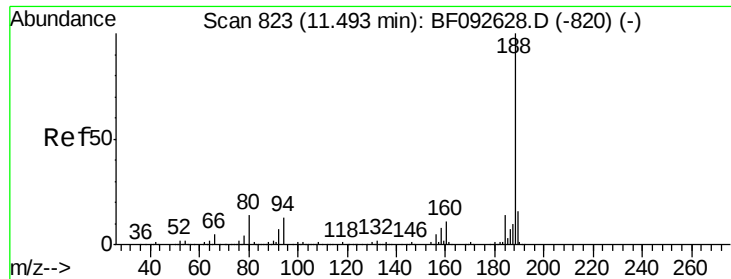
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

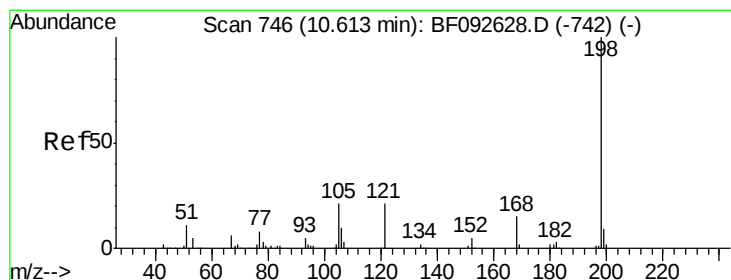
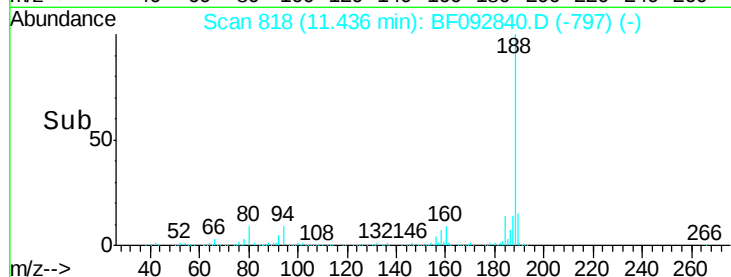
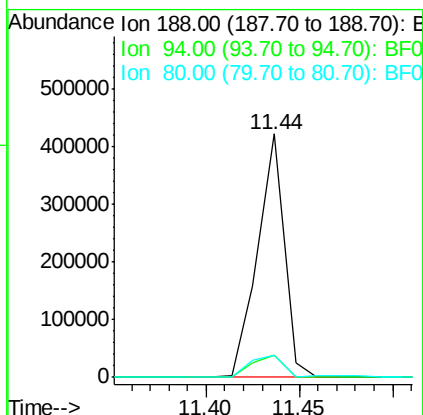
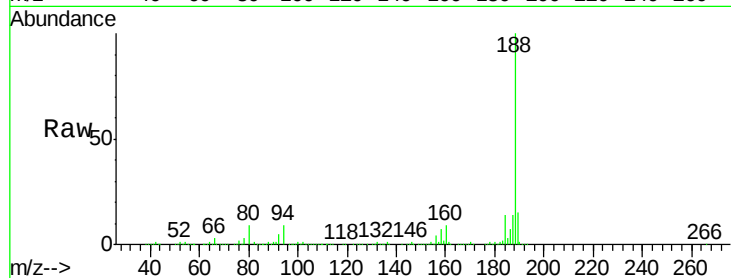




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

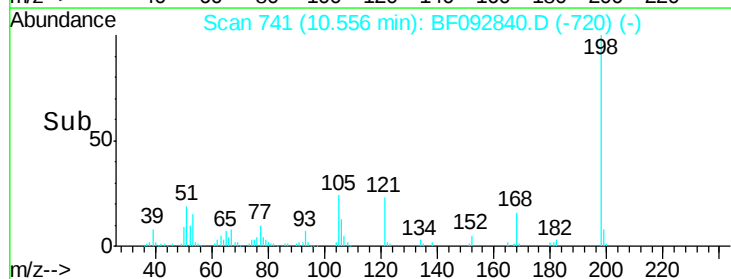
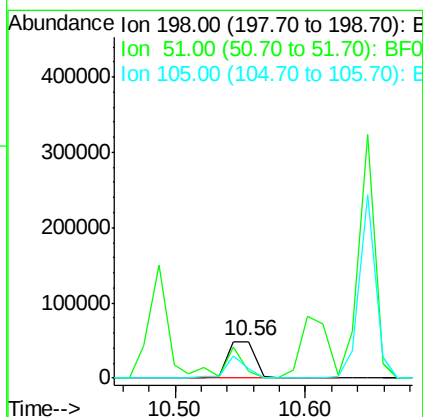
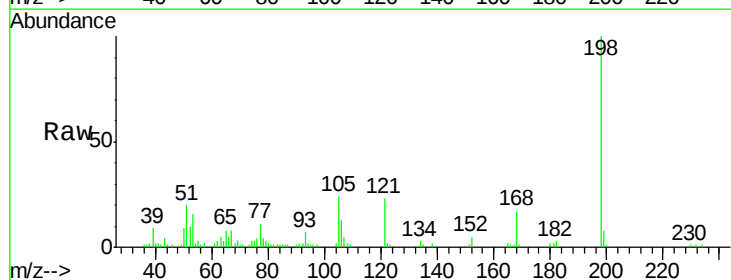
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

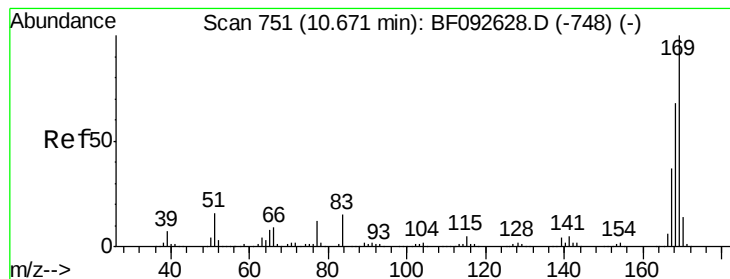
Tgt Ion:188 Resp: 417889
Ion Ratio Lower Upper
188 100
94 9.0 10.0 15.0#
80 9.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 28.61 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:198 Resp: 69863
Ion Ratio Lower Upper
198 100
51 19.9 6.7 46.7
105 24.2 16.6 56.6

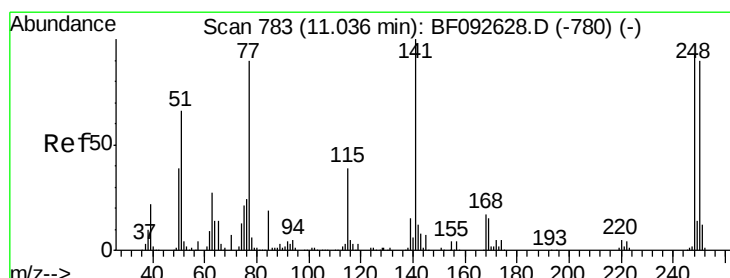
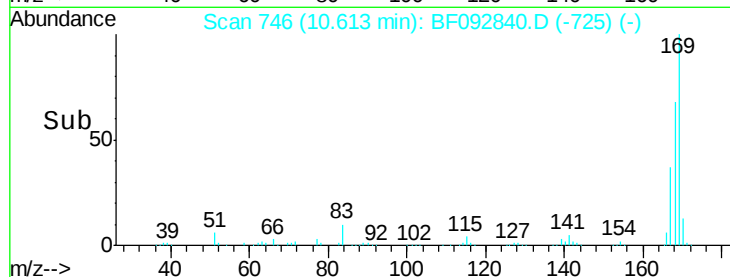
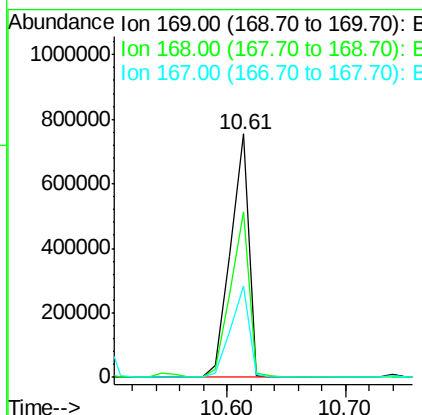
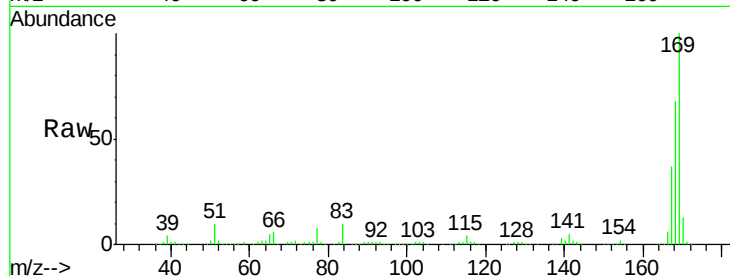




#65
 n-Nitrosodiphenylamine
 Concen: 60.60 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

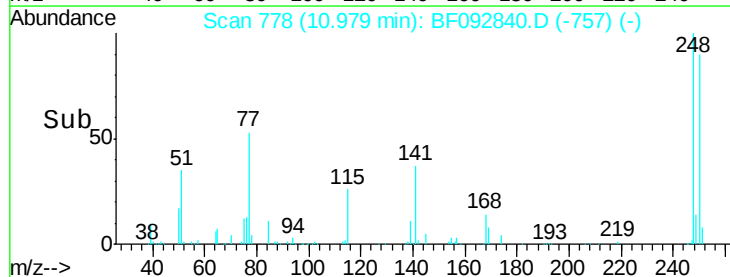
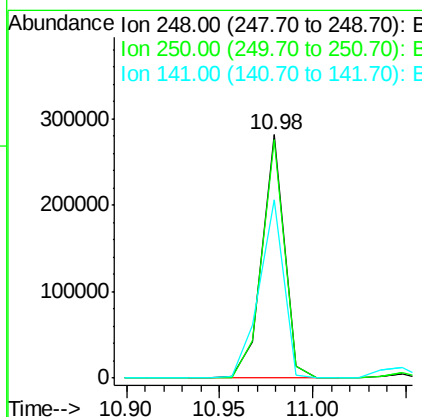
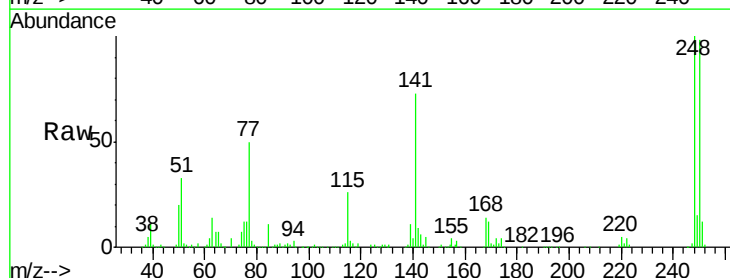
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

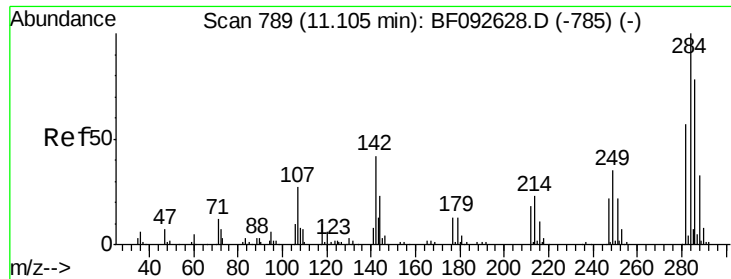
Tgt Ion:169 Resp: 809036
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.2 81.2
 167 37.3 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 53.40 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:248 Resp: 233124
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 73.5 68.2 102.4

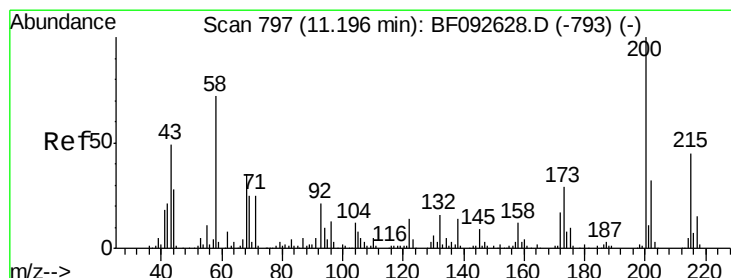
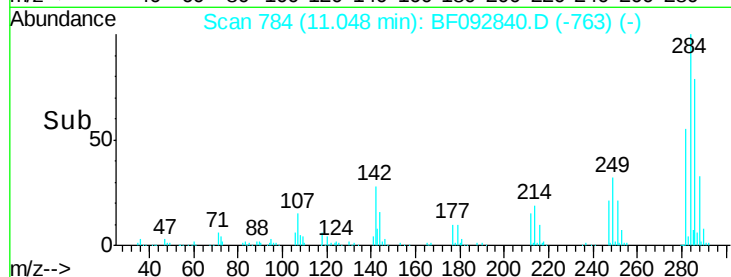
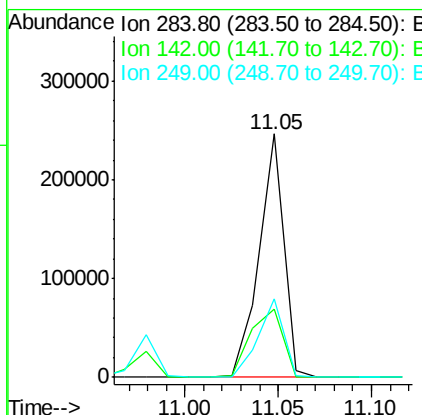
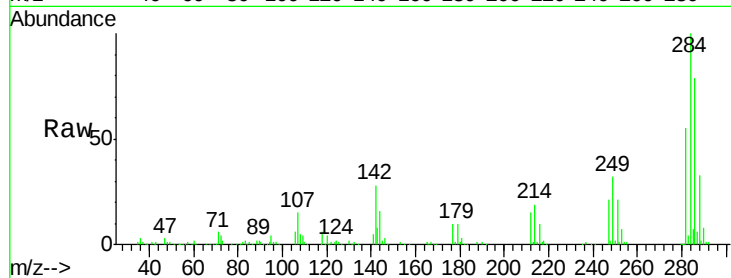




#67
Hexachlorobenzene
Concen: 52.27 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

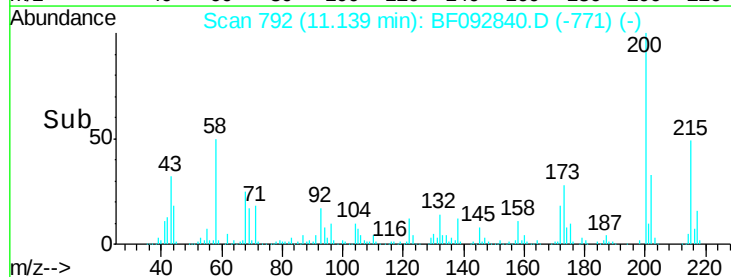
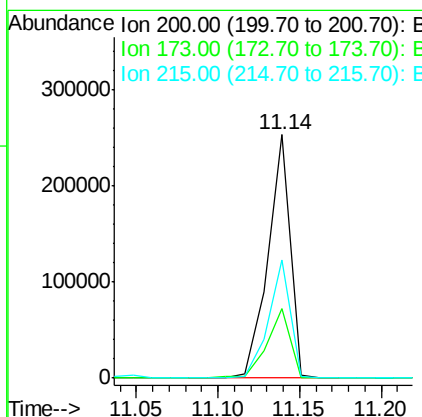
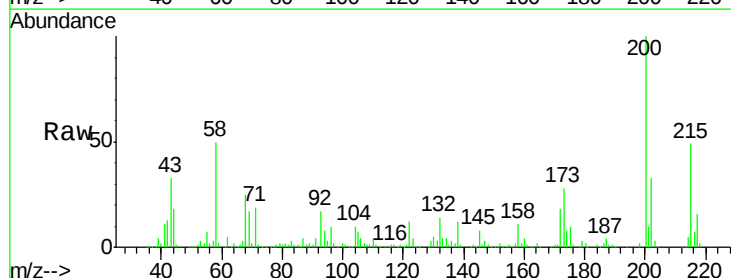
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

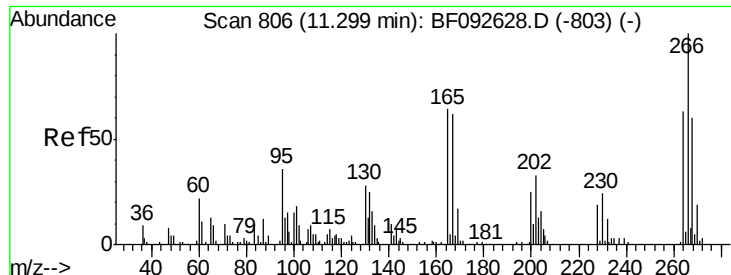
Tgt Ion:284 Resp: 225496
Ion Ratio Lower Upper
284 100
142 28.2 22.6 33.8
249 32.2 25.4 38.0



#68
Atrazine
Concen: 56.32 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:200 Resp: 241280
Ion Ratio Lower Upper
200 100
173 28.5 9.6 49.6
215 48.7 25.7 65.7

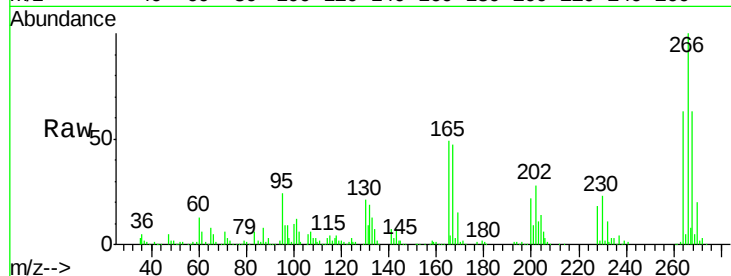




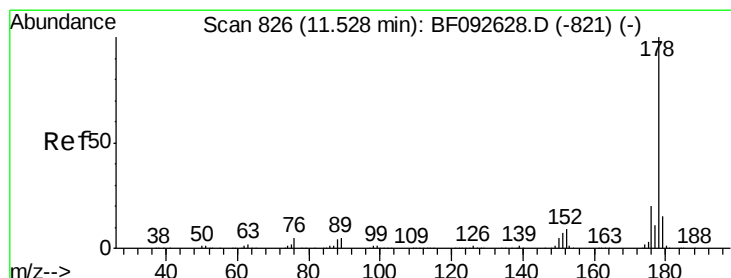
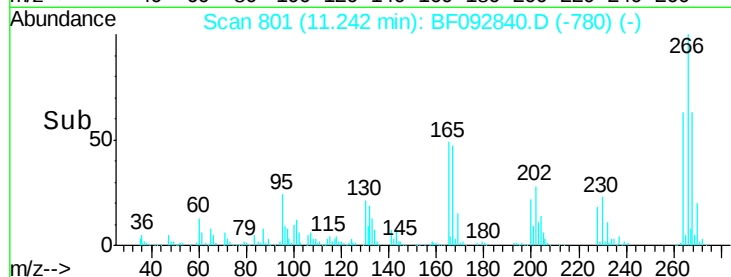
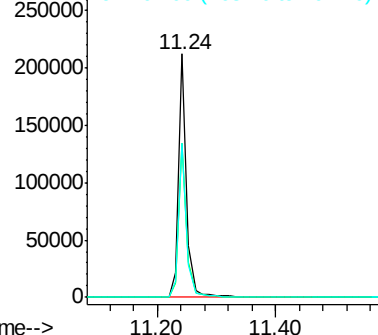
#69
 Pentachlorophenol
 Concen: 91.56 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tgt Ion: 266 Resp: 206473
 Ion Ratio Lower Upper
 266 100
 268 63.2 53.3 79.9
 264 63.1 50.3 75.5

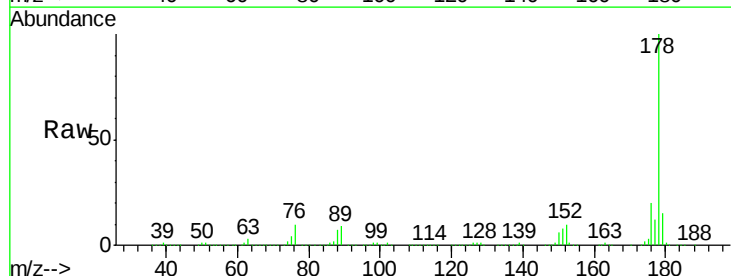


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

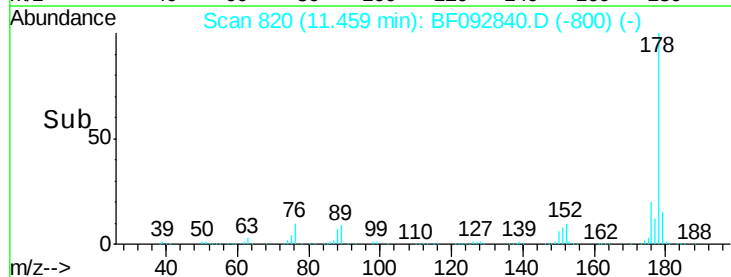
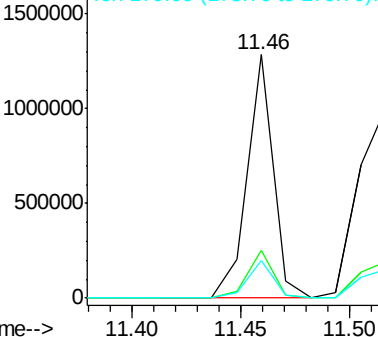


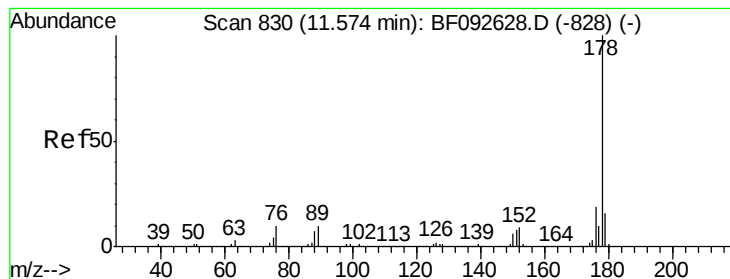
#70
 Phenanthrene
 Concen: 45.50 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.07 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion: 178 Resp: 1089378
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.4 12.8 19.2



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





#71

Anthracene

Concen: 49.97 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

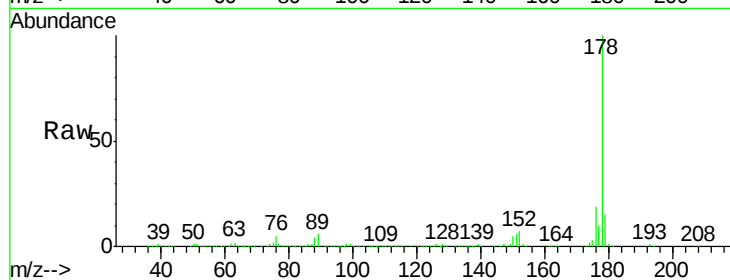
Tgt Ion:178 Resp: 1201325

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

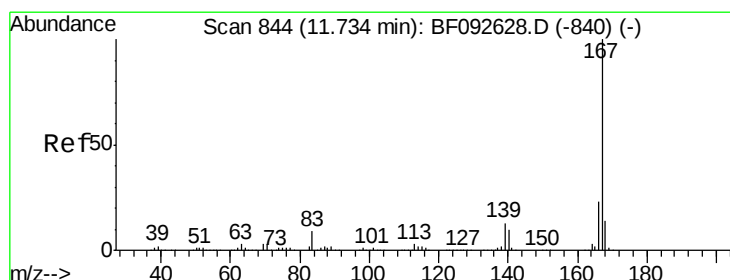
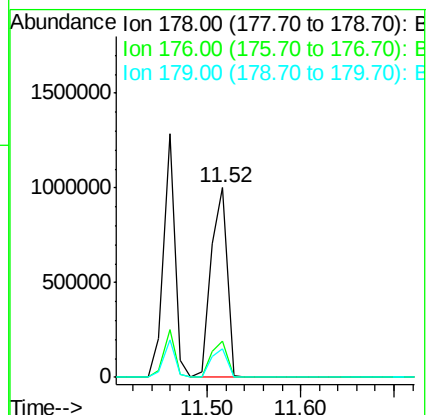
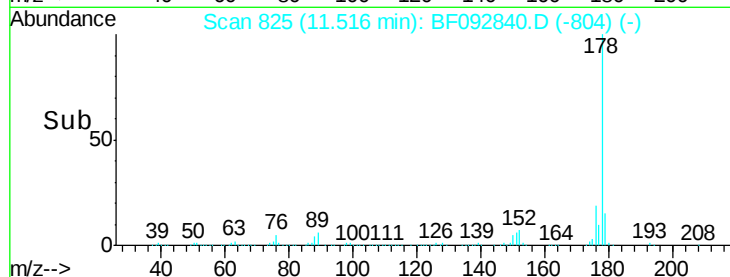
179 15.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.33 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

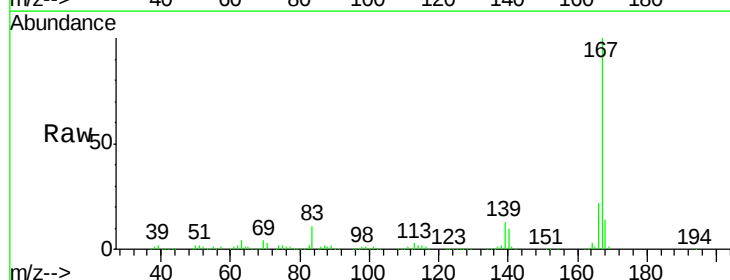
Tgt Ion:167 Resp: 926872

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

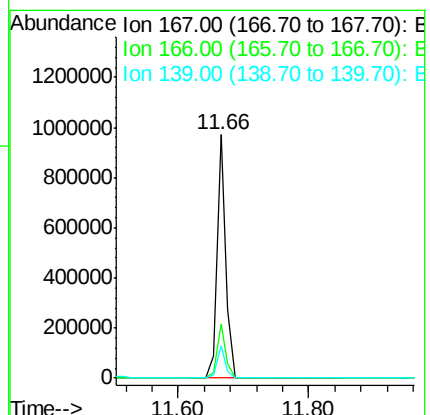
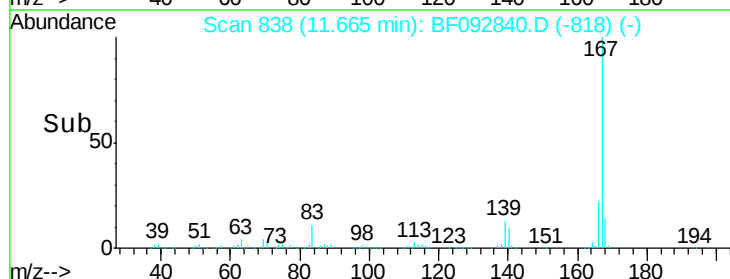
139 13.2 11.4 17.2

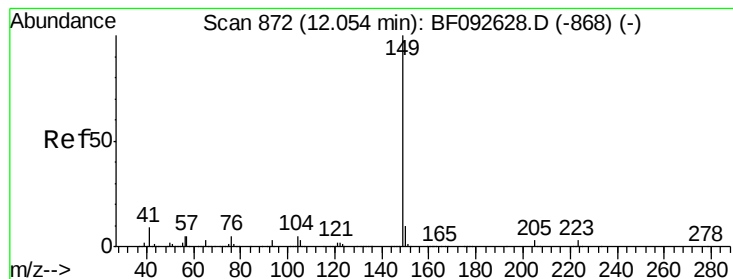


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.41 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

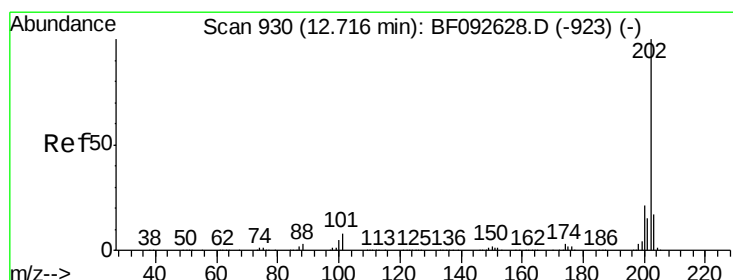
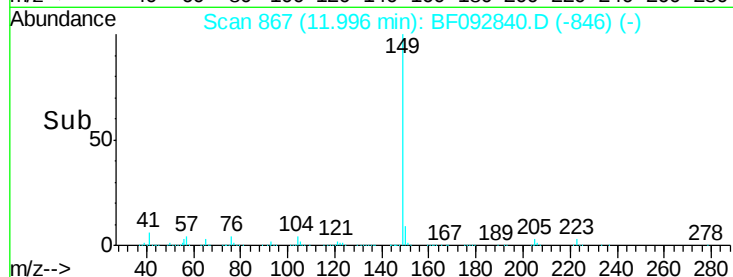
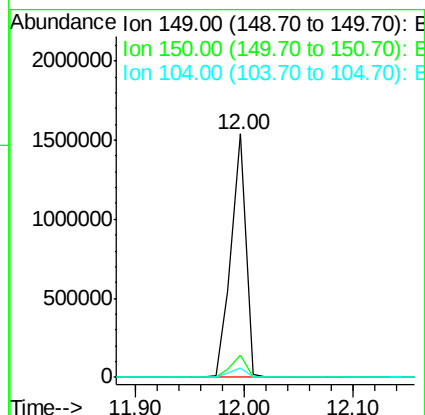
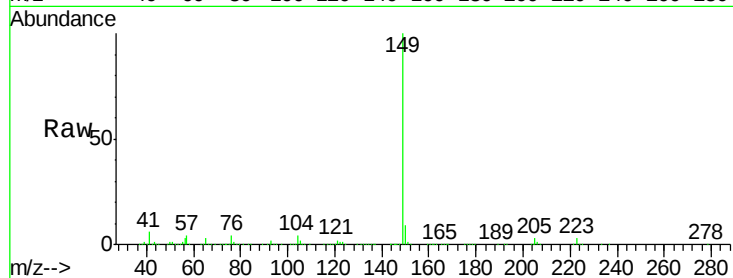
Tgt Ion:149 Resp: 1451919

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

104 3.8 4.6 7.0#



#74

Fluoranthene

Concen: 41.50 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

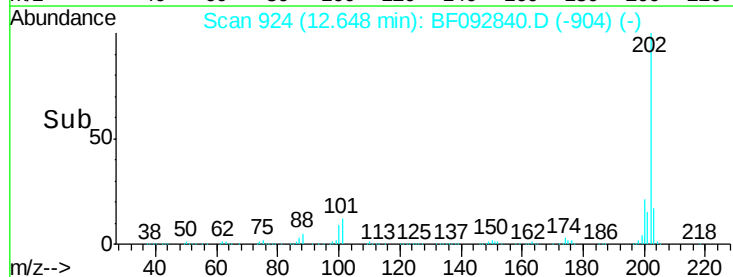
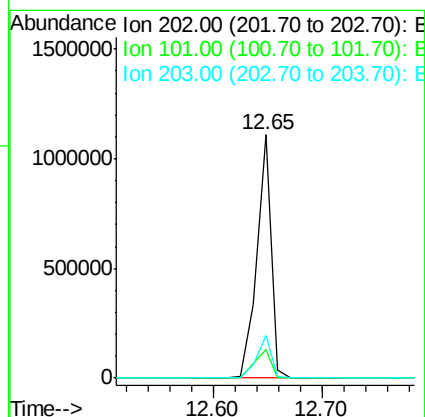
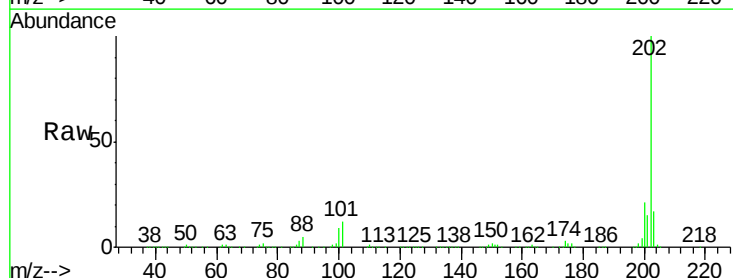
Tgt Ion:202 Resp: 1024815

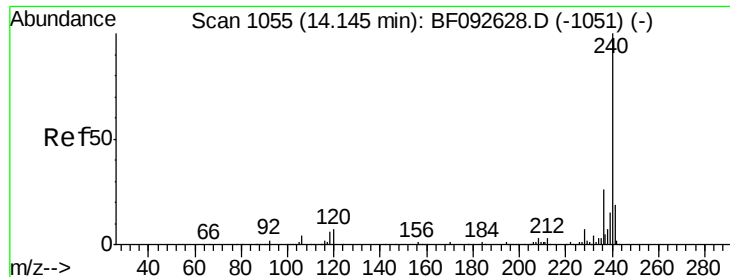
Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

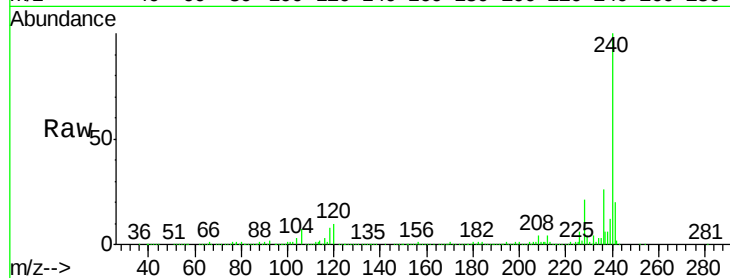
Tgt Ion:240 Resp: 312928

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

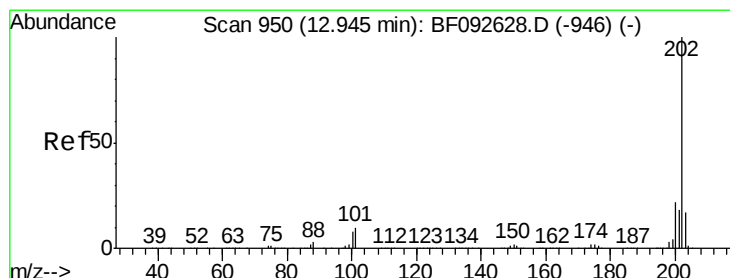
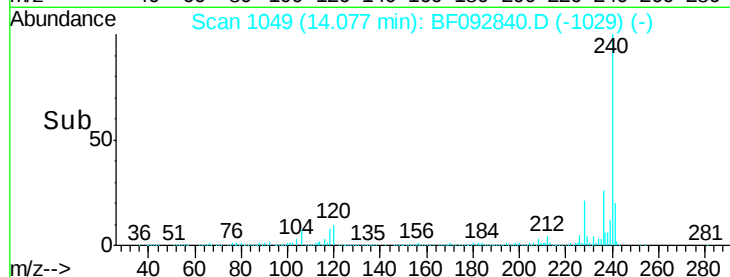
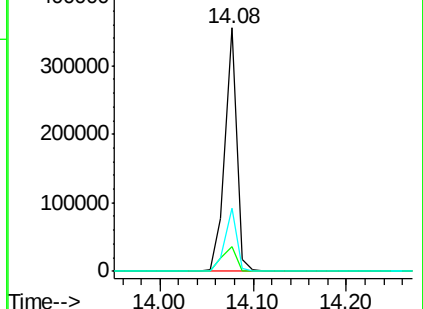
236 26.1 20.9 31.3



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



#77

Pyrene

Concen: 42.69 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

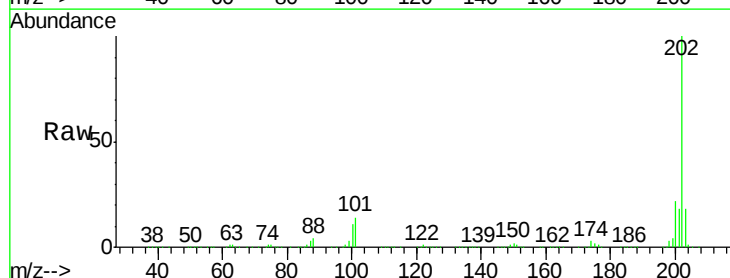
Tgt Ion:202 Resp: 999778

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

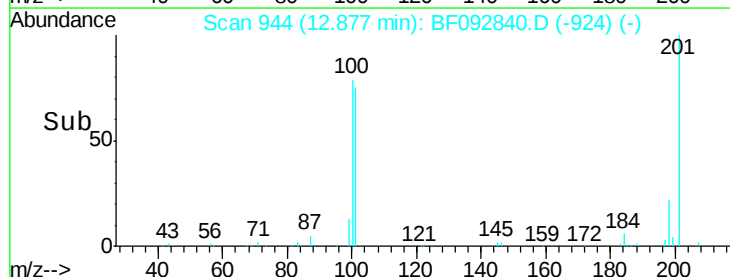
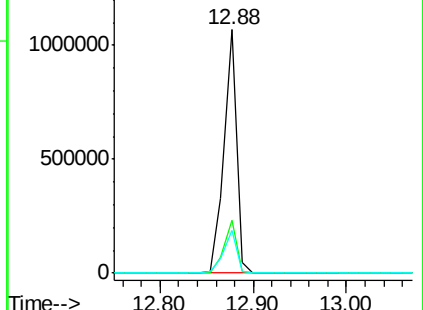
203 17.6 14.7 22.1

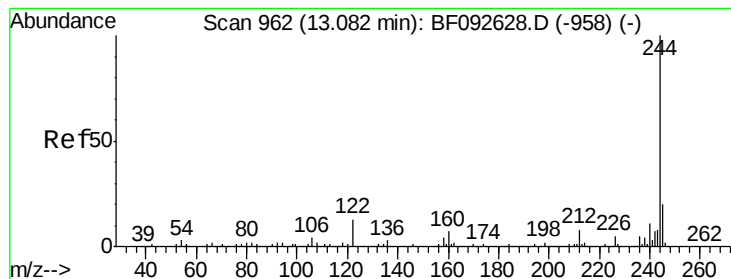


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.75 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

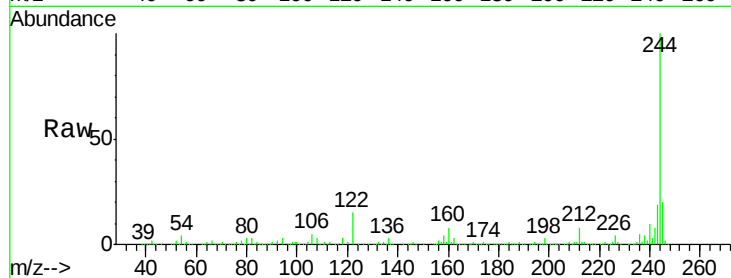
Tgt Ion:244 Resp: 1102071

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

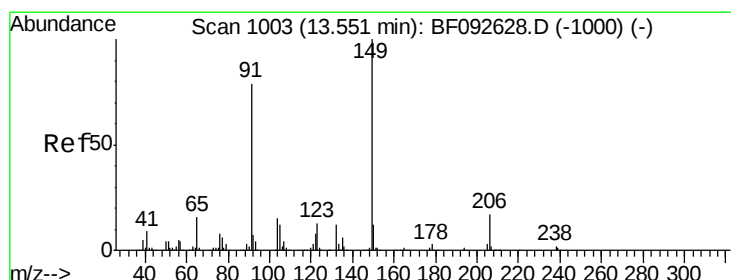
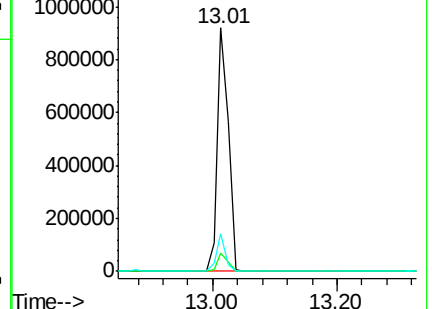
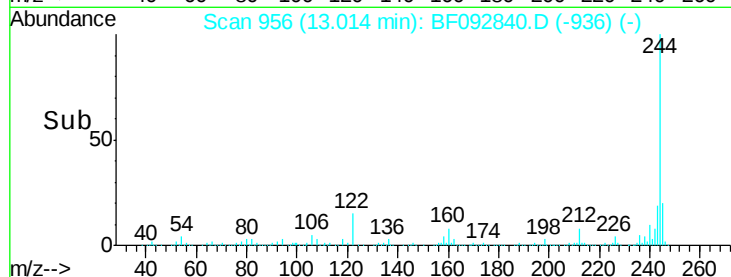
122 15.2 11.4 17.2



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: 53.57 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

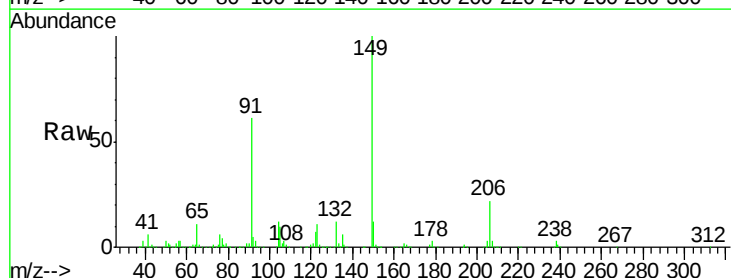
Tgt Ion:149 Resp: 509434

Ion Ratio Lower Upper

149 100

91 60.8 63.9 95.9#

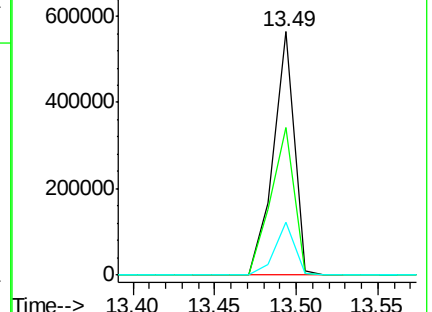
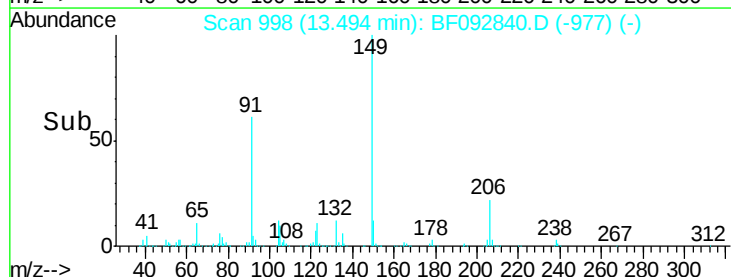
206 21.5 14.6 21.8

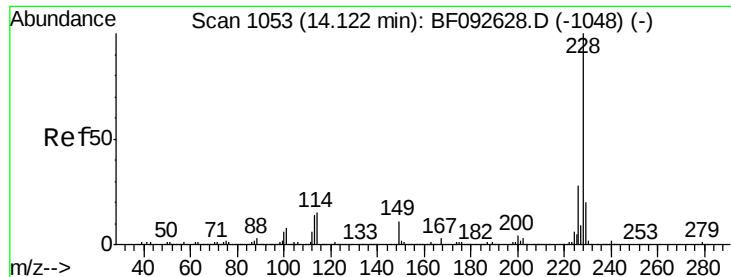


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

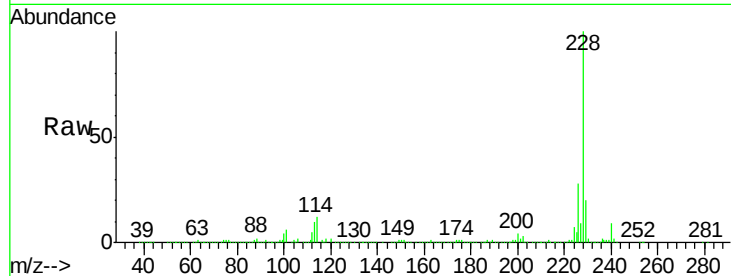




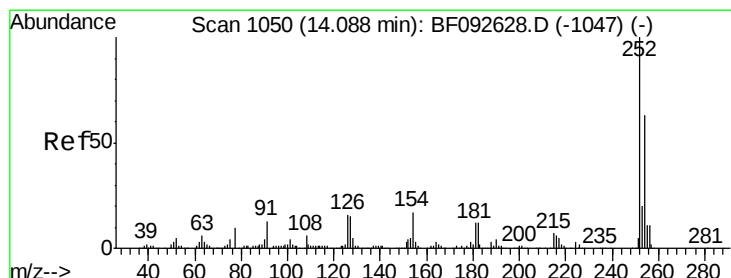
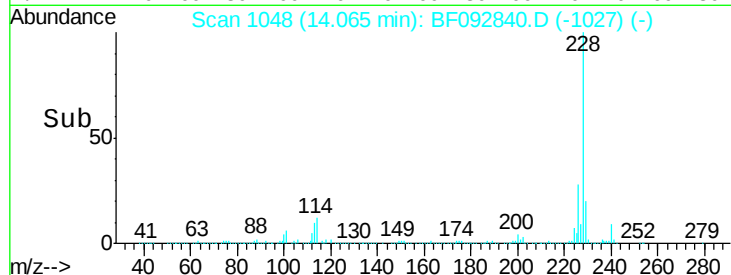
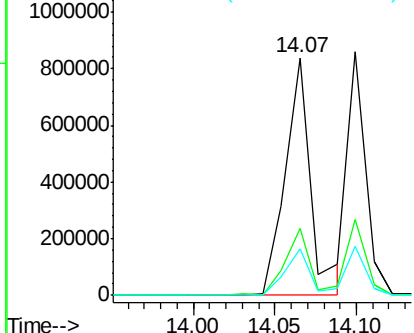
#80
Benzo(a)anthracene
Concen: 48.34 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:228 Resp: 925274
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 19.7 16.2 24.4

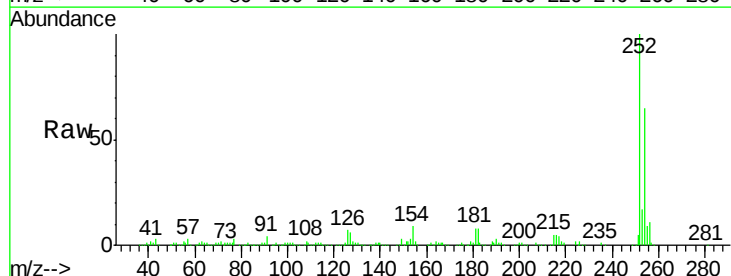


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

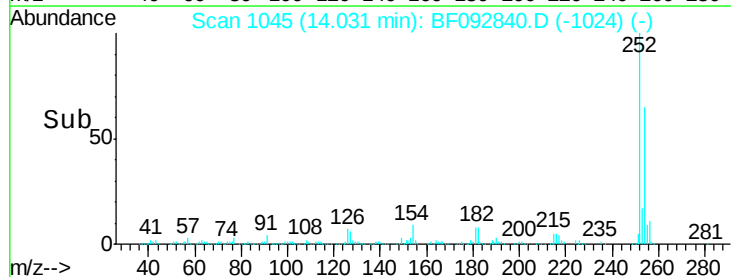
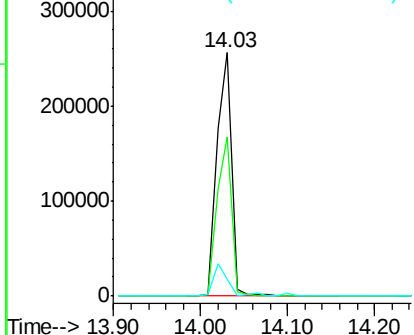


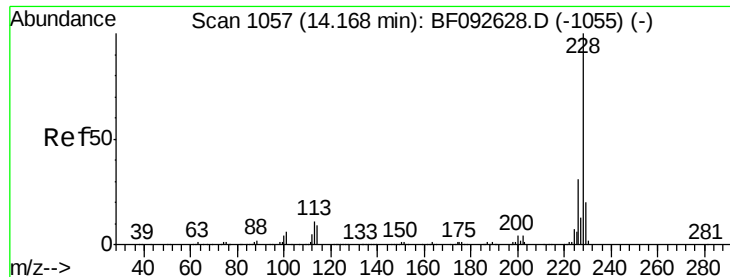
#81
3,3'-Dichlorobenzidine
Concen: 45.23 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:252 Resp: 308590
Ion Ratio Lower Upper
252 100
254 65.3 52.3 78.5
126 7.1 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: 38.07 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

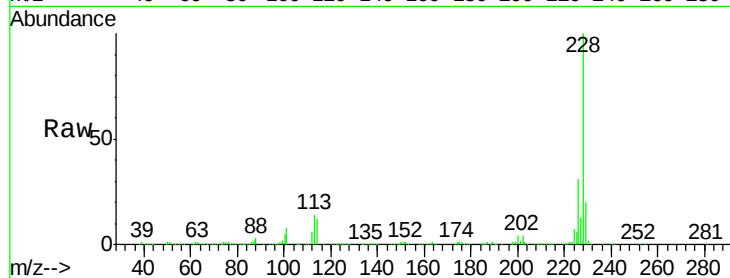
Tgt Ion:228 Resp: 682259

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

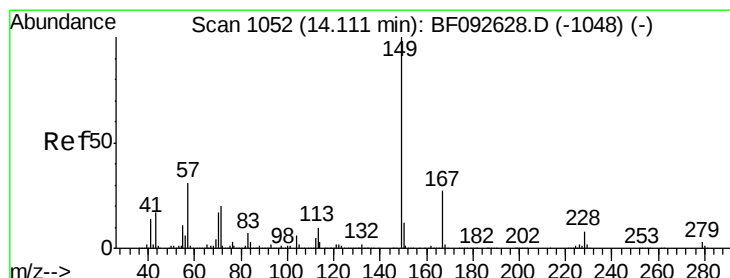
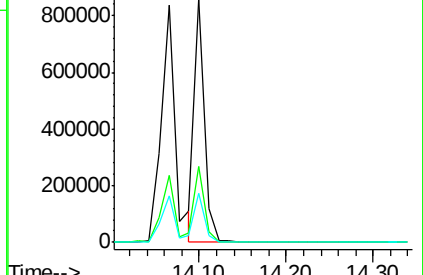
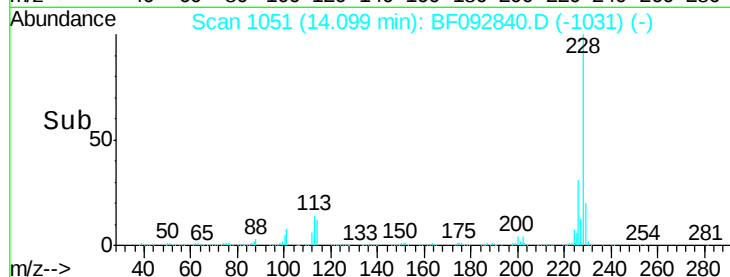
229 20.3 16.2 24.2



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: 51.87 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.06 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

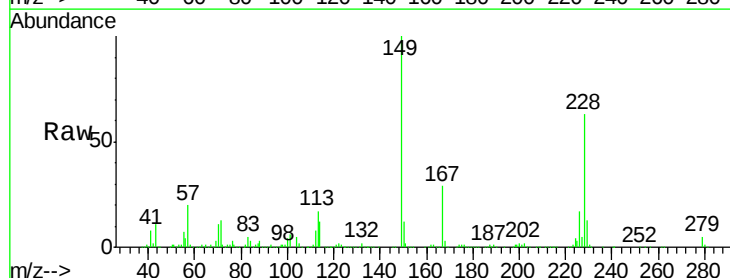
Tgt Ion:149 Resp: 674596

Ion Ratio Lower Upper

149 100

167 28.6 20.2 30.4

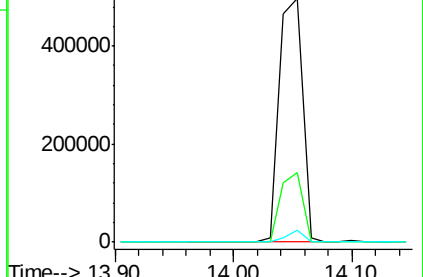
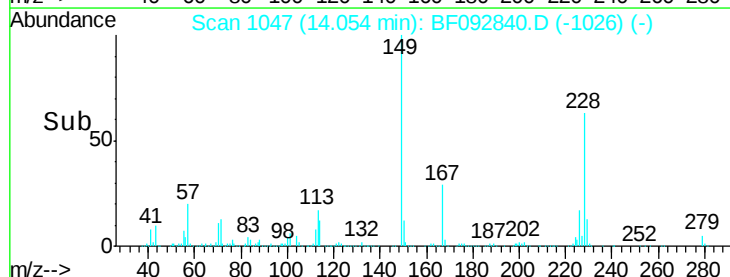
279 4.7 1.8 2.8#

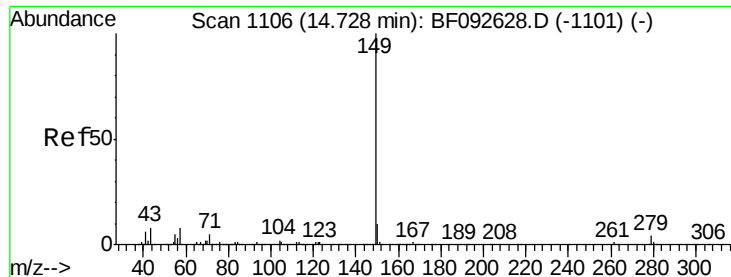


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

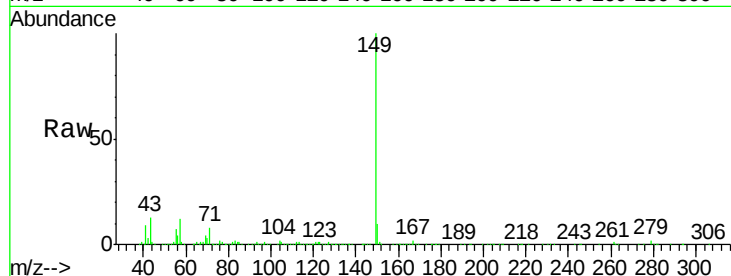




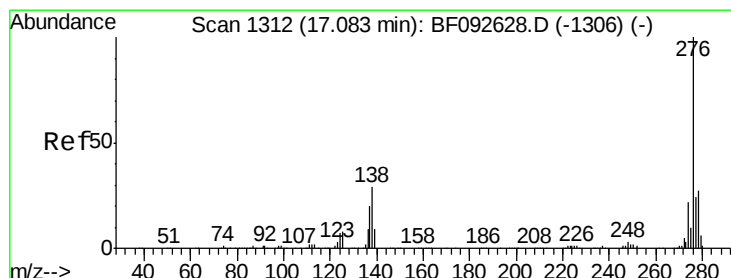
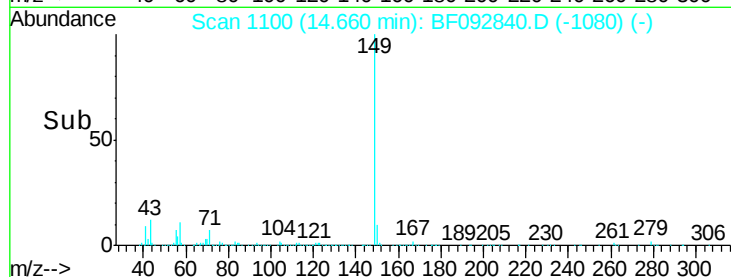
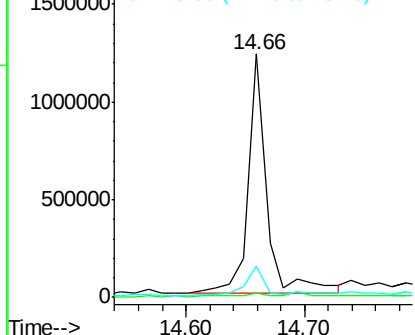
#84
Di-n-octyl phthalate
Concen: 63.95 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.07 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion:149 Resp: 1354381
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 12.4 8.9 13.3

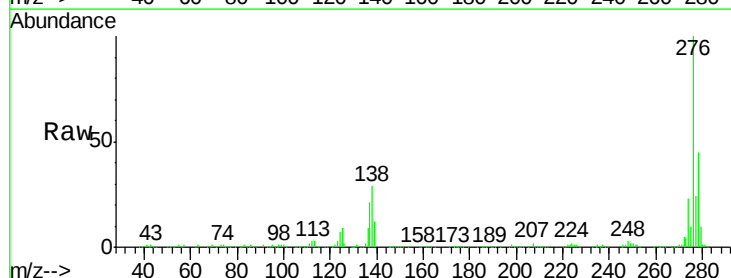


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

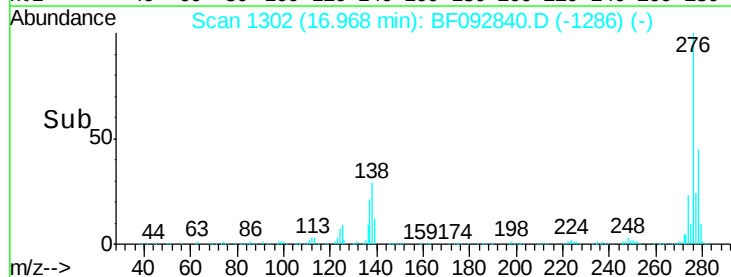
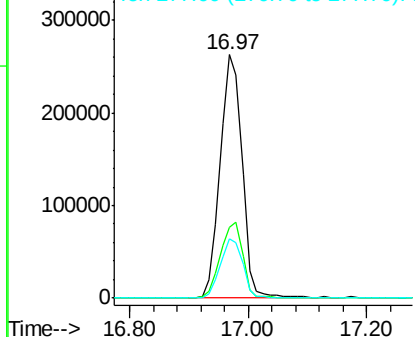


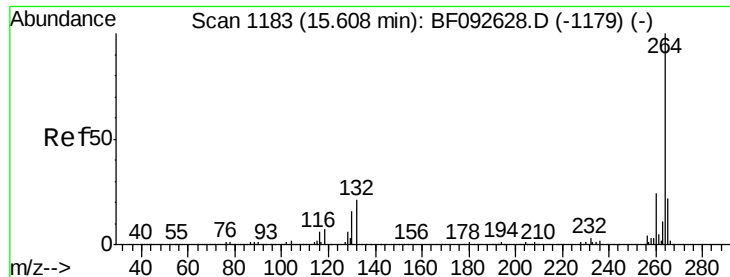
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.75 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.11 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:276 Resp: 676606
Ion Ratio Lower Upper
276 100
138 31.8 21.8 32.6
277 25.0 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



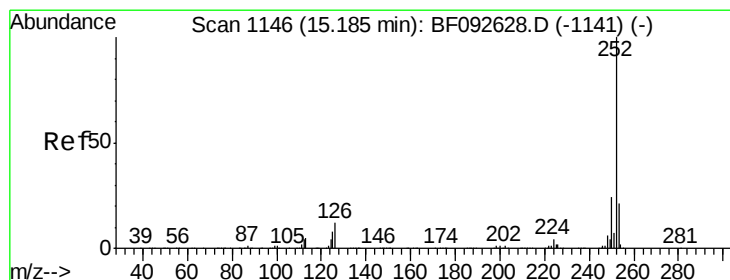
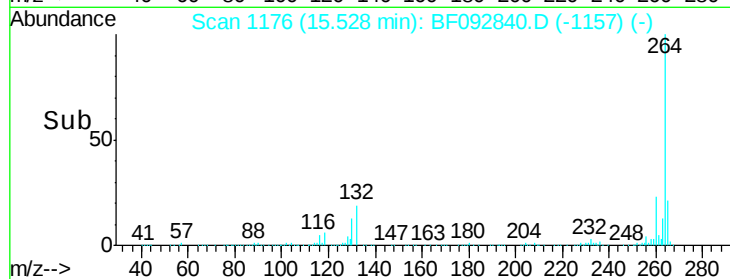
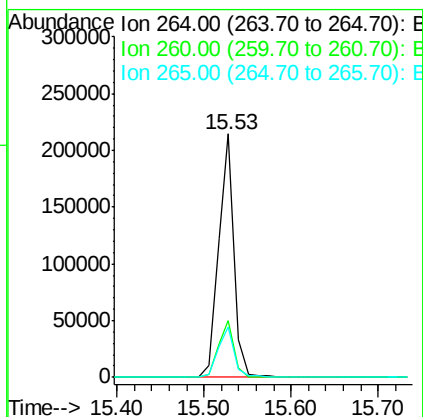
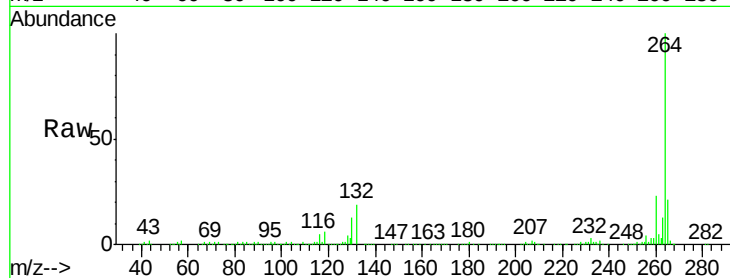


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion: 264 Resp: 266457

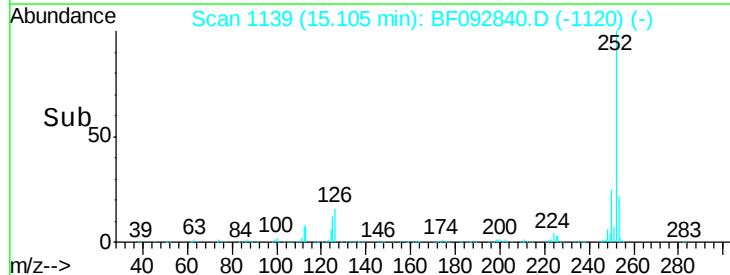
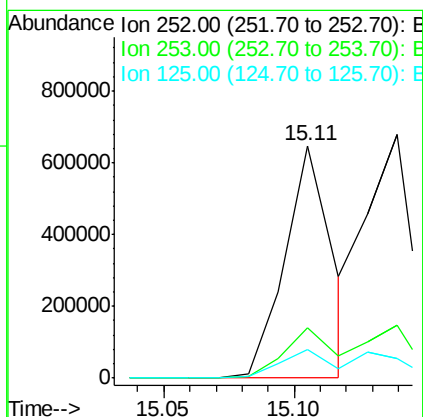
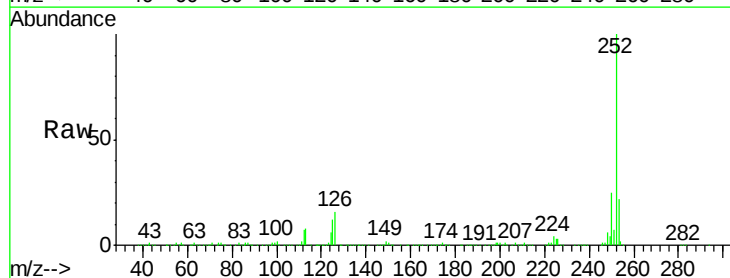
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.4	26.0

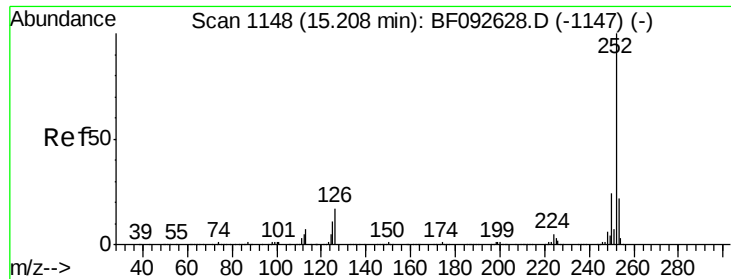


#87
Benzo(b)fluoranthene
Concen: 46.31 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion: 252 Resp: 812205

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.3	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 53.64 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.10 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

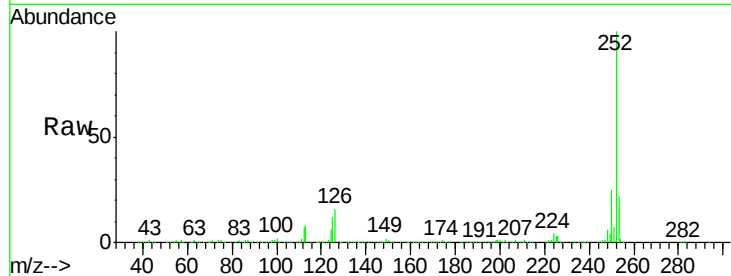
Tgt Ion:252 Resp: 812205

Ion Ratio Lower Upper

252 100

253 21.6 18.5 27.7

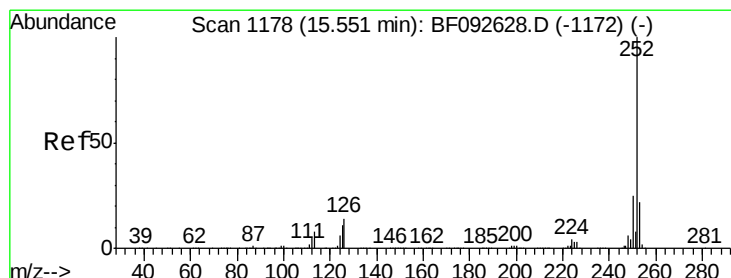
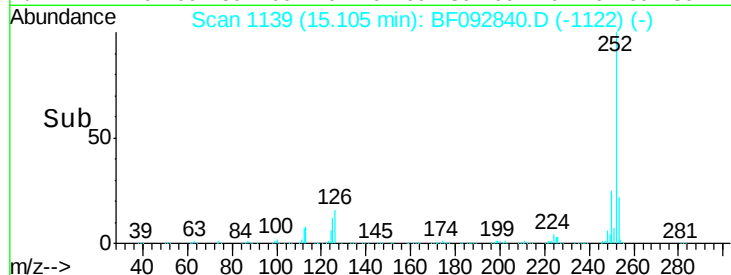
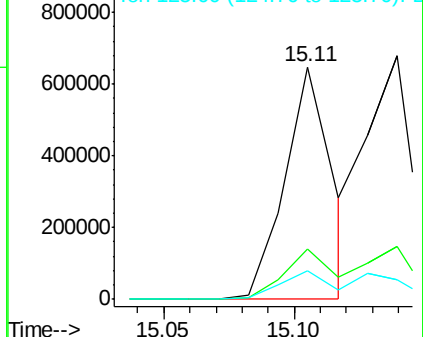
125 12.3 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 50.14 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.08 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

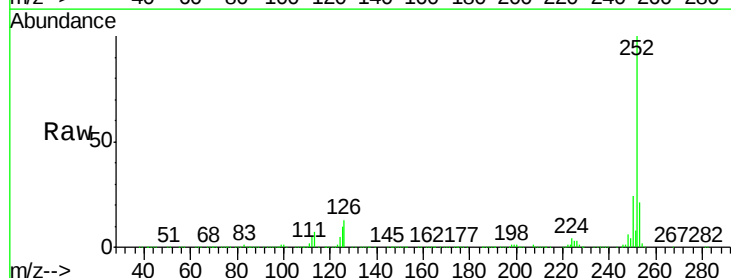
Tgt Ion:252 Resp: 760700

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

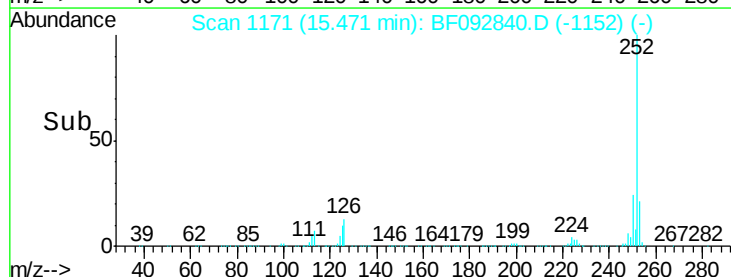
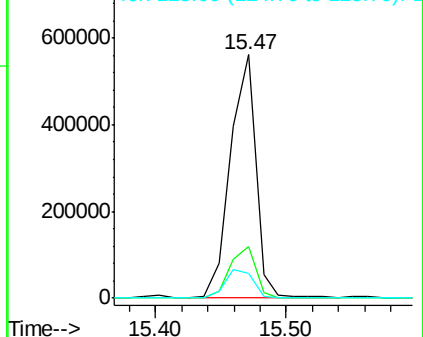
125 10.1 10.0 15.0

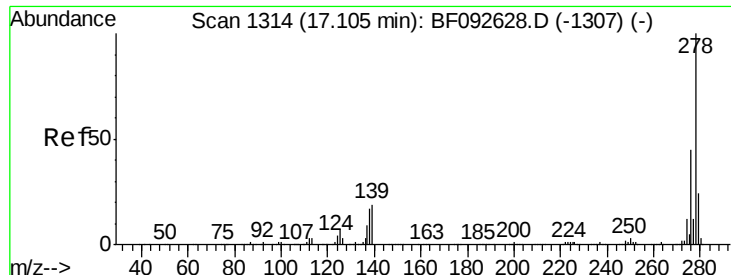


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

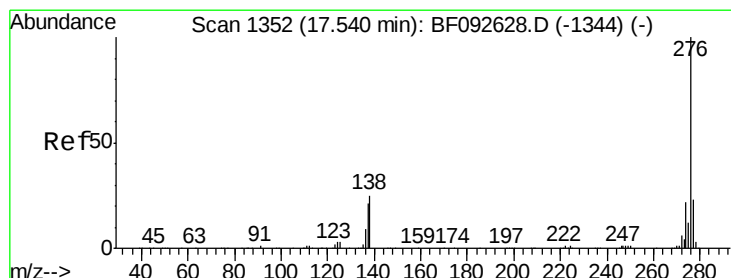
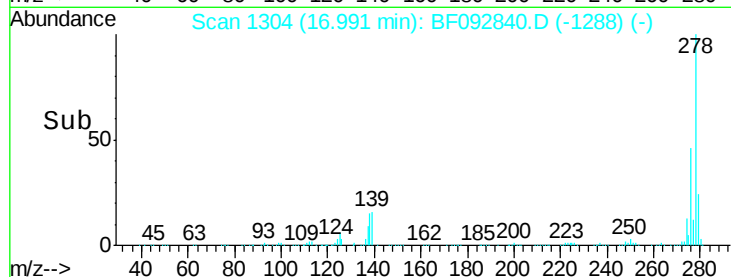
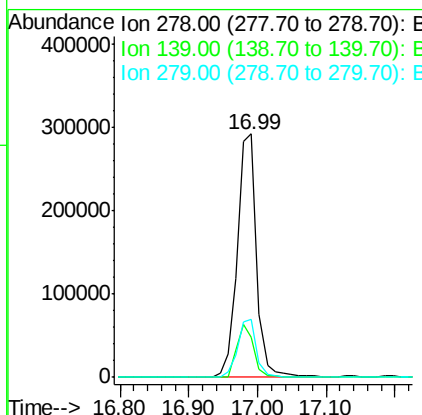
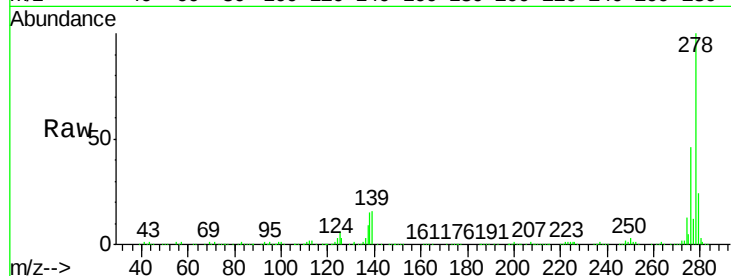




#90
Dibenzo(a,h)anthracene
Concen: 47.09 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.11 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tgt Ion: 278 Resp: 577376
Ion Ratio Lower Upper
278 100
139 16.2 14.8 22.2
279 24.0 19.8 29.6



#91
Benzo(g,h,i)perylene
Concen: 44.13 ng
RT: 17.40 min Scan# 1340
Delta R.T. -0.14 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion: 276 Resp: 546664
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 28.2 16.0 24.0#

