

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092364.D
 Acq On : 18 Jan 2017 21:23
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 19 03:41:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	191052	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	981956	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	422155	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	566045	20.00	ng	0.00
75) Chrysene-d12	13.69	240	466916	20.00	ng	-0.01
86) Perylene-d12	15.05	264	578046	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1046747	91.48	ng	0.00
7) Phenol-d6	6.22	99	1167369	83.56	ng	0.00
23) Nitrobenzene-d5	7.12	82	1211194	68.59	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	229769	65.77	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2023219	100.56	ng	0.00
78) Terphenyl-d14	12.65	244	1515393	78.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	268579	47.68	ng	99
3) Pyridine	2.53	79	700442	35.63	ng	99
4) n-Nitrosodimethylamine	2.51	42	290890	39.22	ng	93
6) Aniline	6.21	93	725357	39.98	ng	# 47
8) 2-Chlorophenol	6.34	128	548798	42.17	ng	98
9) Benzaldehyde	6.08	77	328868	42.02	ng	93
10) Phenol	6.23	94	752140	47.25	ng	# 72
11) bis(2-Chloroethyl)ether	6.29	93	525101	41.46	ng	96
12) 1,3-Dichlorobenzene	6.48	146	582529	41.93	ng	# 95
13) 1,4-Dichlorobenzene	6.56	146	598324	42.31	ng	96
14) 1,2-Dichlorobenzene	6.71	146	464774	37.88	ng	95
15) Benzyl Alcohol	6.71	79	454732	41.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	770823	40.87	ng	# 25
17) 2-Methylphenol	6.84	107	423933	40.50	ng	# 88
18) Hexachloroethane	7.06	117	227784	43.44	ng	96
19) n-Nitroso-di-n-propylamine	6.99	70	468090	50.37	ng	93
20) 3+4-Methylphenols	7.00	107	601911	48.21	ng	# 72
22) Acetophenone	6.98	105	863098	35.64	ng	# 91
24) Nitrobenzene	7.15	77	776679	41.29	ng	# 88
25) Isophorone	7.39	82	1283930	39.41	ng	97
26) 2-Nitrophenol	7.46	139	344997	37.20	ng	94
27) 2,4-Dimethylphenol	7.52	122	610322	39.67	ng	93
28) bis(2-Chloroethoxy)methane	7.60	93	814516	41.23	ng	99
29) 2,4-Dichlorophenol	7.72	162	514655	39.51	ng	95
30) 1,2,4-Trichlorobenzene	7.79	180	572830	40.13	ng	100
31) Naphthalene	7.86	128	1705700	37.95	ng	100
32) Benzoic acid	7.68	122	387875	33.99	ng	96
33) 4-Chloroaniline	7.92	127	743078	36.67	ng	98
34) Hexachlorobutadiene	7.98	225	327425	43.45	ng	99
35) Caprolactam	8.31	113	158654	37.06	ng	98
36) 4-Chloro-3-methylphenol	8.43	107	531865	35.48	ng	92
37) 2-Methylnaphthalene	8.55	142	1124516	39.55	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	437191	40.99	ng	99
40) Hexachlorocyclopentadiene	8.70	237	71006	18.18	ng	99

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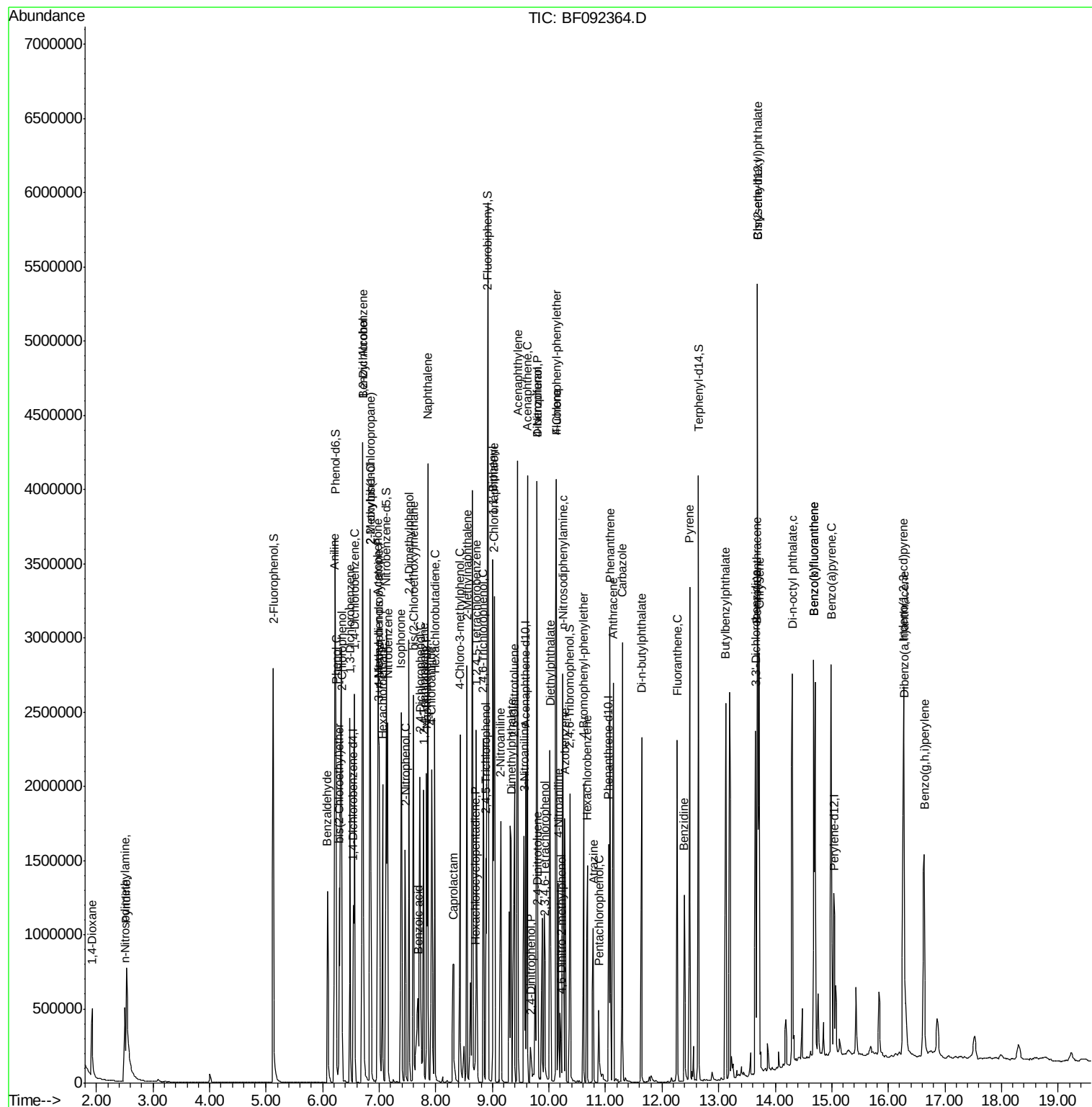
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	301583	40.43	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	294844	38.41	ng	96
45) 1,1'-Biphenyl	9.01	154	1189373	41.15	ng	96
46) 2-Chloronaphthalene	9.03	162	901675	39.39	ng	96
47) 2-Nitroaniline	9.15	65	347292	42.61	ng	# 74
48) Acenaphthylene	9.44	152	1382266	39.26	ng	99
49) Dimethylphthalate	9.33	163	1160253	42.97	ng	100
50) 2,6-Dinitrotoluene	9.39	165	221485	37.48	ng	# 81
51) Acenaphthene	9.62	154	870619	36.48	ng	99
52) 3-Nitroaniline	9.56	138	327198	44.74	ng	82
53) 2,4-Dinitrophenol	9.68	184	62082	18.88	ng	# 91
54) Dibenzofuran	9.79	168	1138967	35.34	ng	98
55) 4-Nitrophenol	9.79	139	611615	123.17	ng	# 8
56) 2,4-Dinitrotoluene	9.80	165	255303	34.42	ng	# 64
57) Fluorene	10.13	166	896032	38.21	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	207296	34.14	ng	96
59) Diethylphthalate	10.02	149	955090	36.42	ng	100
60) 4-Chlorophenyl-phenylether	10.13	204	398805	38.84	ng	# 77
61) 4-Nitroaniline	10.16	138	248481	32.79	ng	94
62) Azobenzene	10.28	77	995712	34.49	ng	96
64) 4,6-Dinitro-2-methylphenol	10.21	198	84321	24.63	ng	98
65) n-Nitrosodiphenylamine	10.24	169	722640	43.02	ng	98
66) 4-Bromophenyl-phenylether	10.61	248	254856	43.28	ng	91
67) Hexachlorobenzene	10.68	284	258518	41.08	ng	94
68) Atrazine	10.78	200	149140	27.53	ng	96
69) Pentachlorophenol	10.88	266	108588	35.16	ng	98
70) Phenanthrene	11.08	178	1140666	37.16	ng	98
71) Anthracene	11.14	178	1276294	47.99	ng	97
72) Carbazole	11.30	167	1126567	44.23	ng	98
73) Di-n-butylphthalate	11.64	149	1425127	49.40	ng	# 97
74) Fluoranthene	12.27	202	1324124	49.56	ng	92
76) Benzidine	12.39	184	562543	48.08	ng	97
77) Pyrene	12.49	202	1247720	36.42	ng	99
79) Butylbenzylphthalate	13.13	149	666318	42.77	ng	88
80) Benzo(a)anthracene	13.67	228	1206216	45.77	ng	99
81) 3,3'-Dichlorobenzidine	13.65	252	523833	52.41	ng	# 97
82) Chrysene	13.72	228	1252219	47.37	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	795152	43.33	ng	99
84) Di-n-octyl phthalate	14.30	149	1657137	48.75	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	1257503	54.91	ng	98
87) Benzo(b)fluoranthene	14.68	252	2435261	67.67	ng	99
88) Benzo(k)fluoranthene	14.68	252	2435261	79.35	ng	99
89) Benzo(a)pyrene	14.99	252	1213985	38.01	ng	100
90) Dibenzo(a,h)anthracene	16.28	278	1081199	41.18	ng	# 95
91) Benzo(g,h,i)perylene	16.63	276	1100210	40.30	ng	98

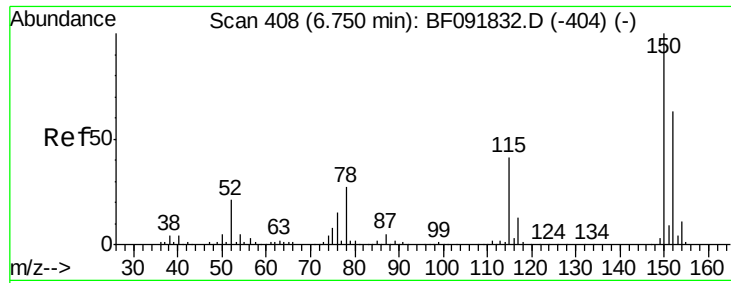
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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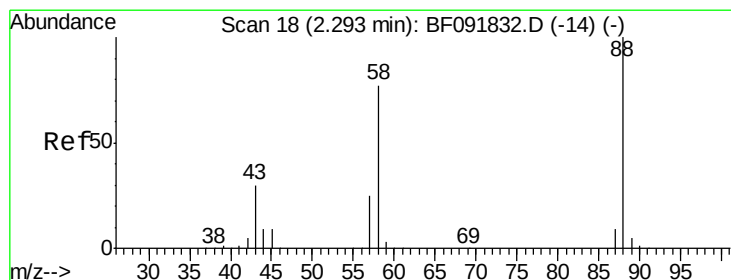
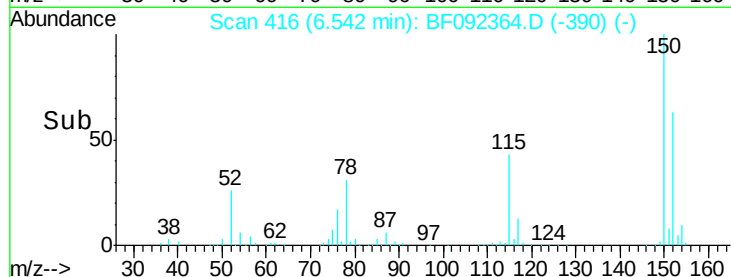
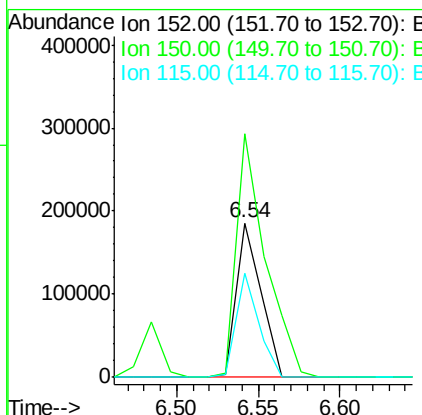
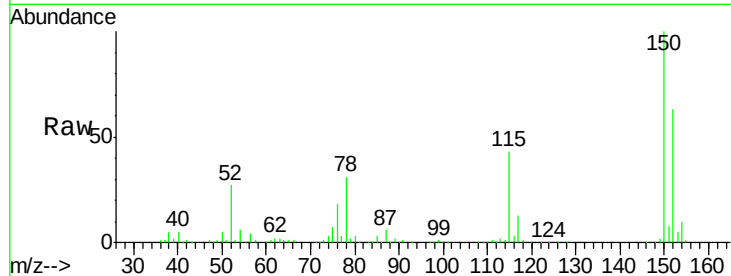




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

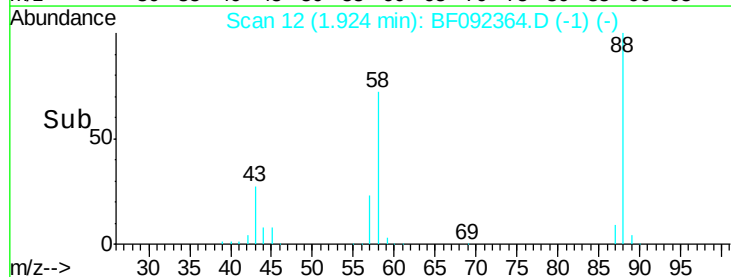
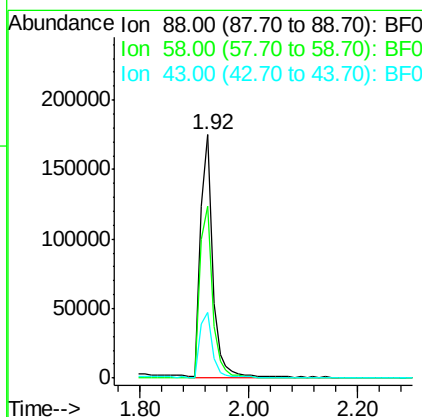
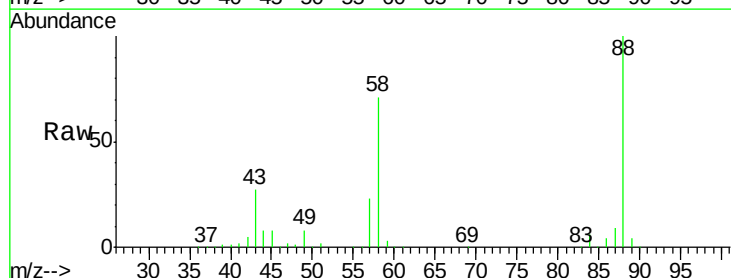
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

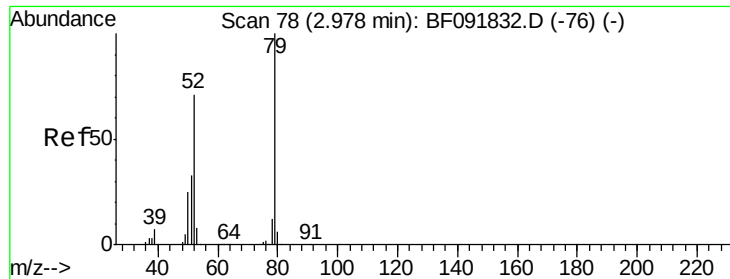
Tgt Ion:152 Resp: 191052
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.9 187.3
 115 67.3 46.0 69.0



#2
 1,4-Dioxane
 Concen: 47.68 ng
 RT: 1.92 min Scan# 12
 Delta R.T. -0.01 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion: 88 Resp: 268579
 Ion Ratio Lower Upper
 88 100
 58 73.1 57.8 86.8
 43 27.3 22.3 33.5





#3

Pyridine

Concen: 35.63 ng

RT: 2.53 min Scan# 65

Delta R.T. -0.02 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

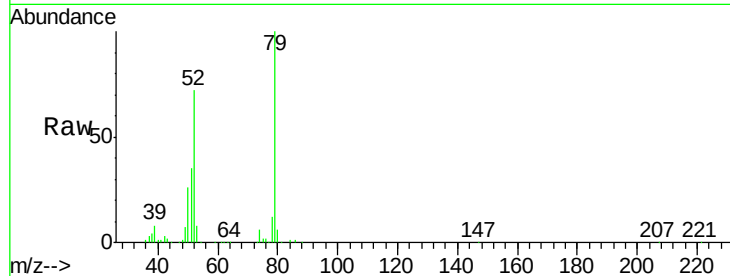
Tgt Ion: 79 Resp: 700442

Ion Ratio Lower Upper

79 100

52 72.1 57.1 85.7

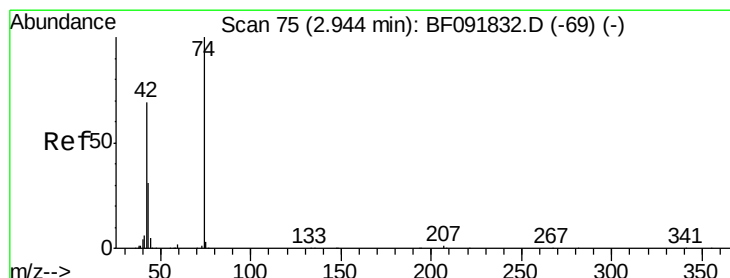
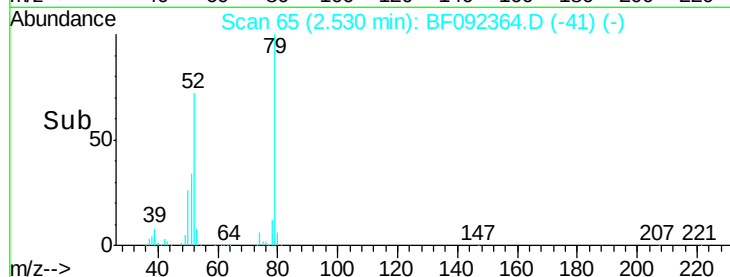
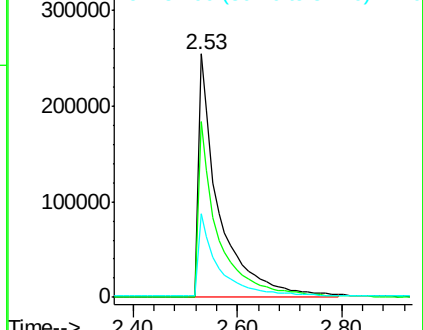
51 34.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.22 ng

RT: 2.51 min Scan# 63

Delta R.T. -0.02 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

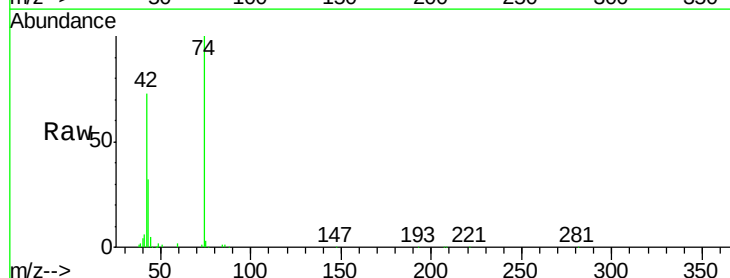
Tgt Ion: 42 Resp: 290890

Ion Ratio Lower Upper

42 100

74 137.4 117.0 175.4

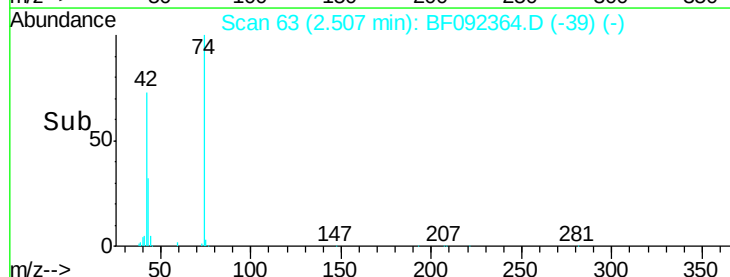
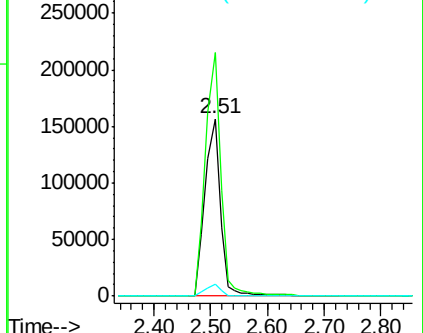
44 6.8 5.5 8.3

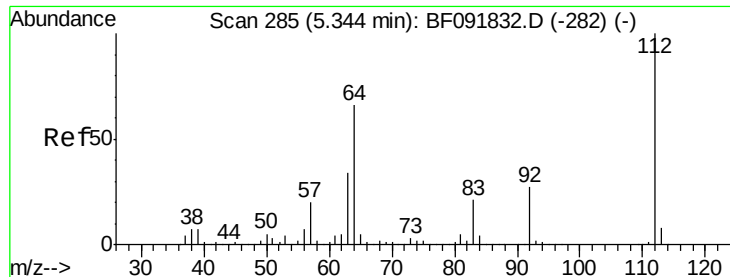


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 91.48 ng

RT: 5.12 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

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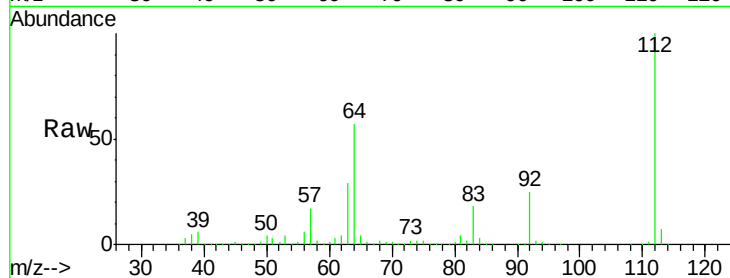
Tgt Ion: 112 Resp: 1046747

Ion Ratio Lower Upper

112 100

64 57.3 46.1 69.1

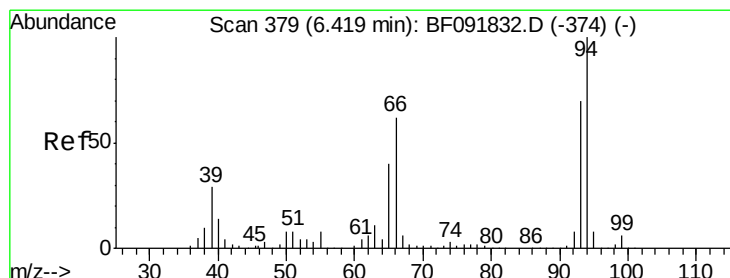
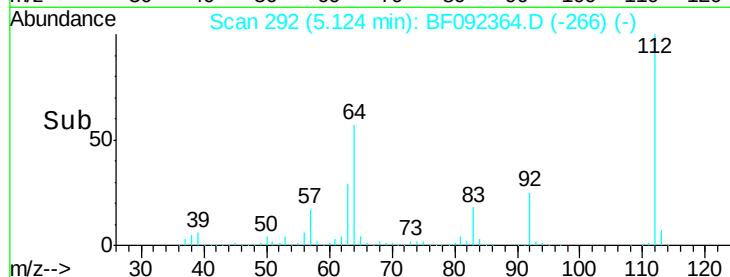
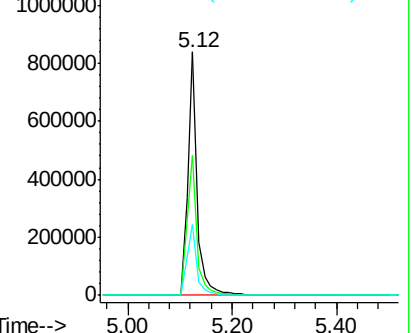
63 29.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.98 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

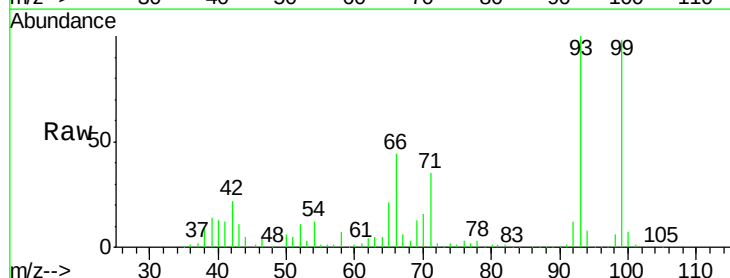
Tgt Ion: 93 Resp: 725357

Ion Ratio Lower Upper

93 100

66 44.1 76.2 114.2#

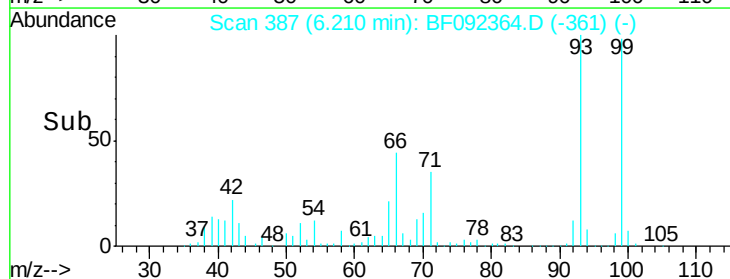
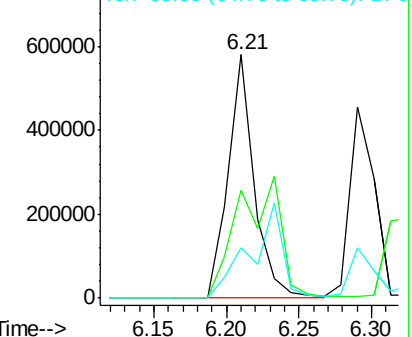
65 20.7 49.3 73.9#

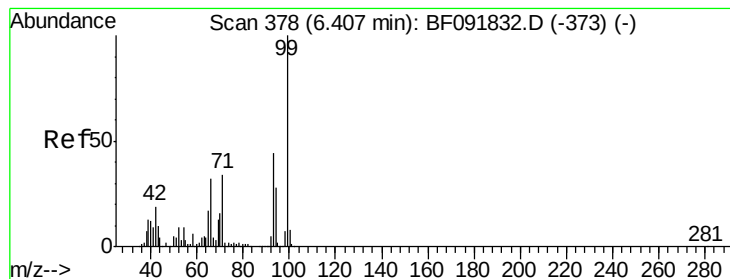


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.56 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

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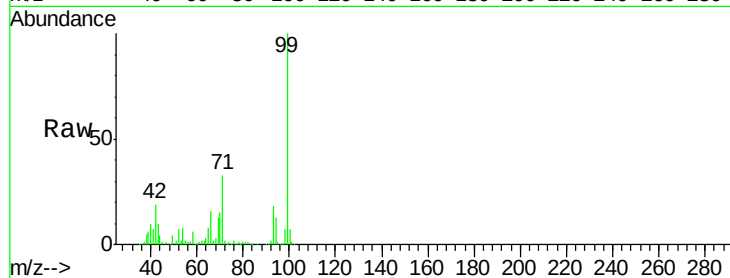
Tgt Ion: 99 Resp: 1167369

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

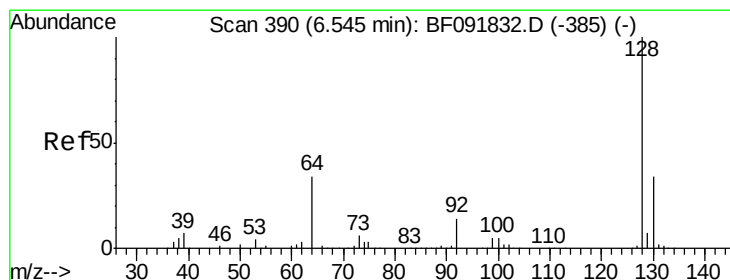
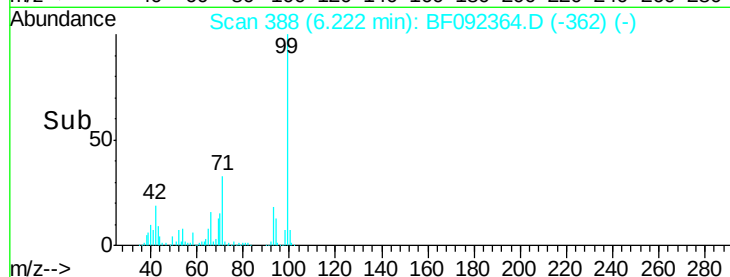
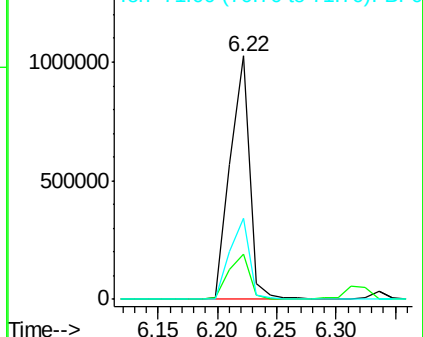
71 33.4 27.5 41.3



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: 42.17 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

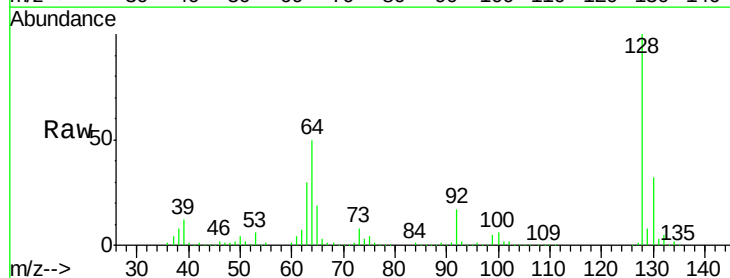
Tgt Ion: 128 Resp: 548798

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

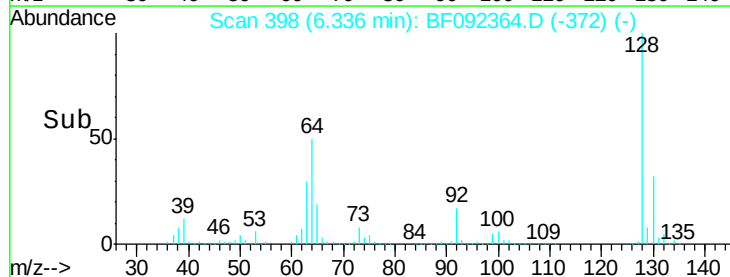
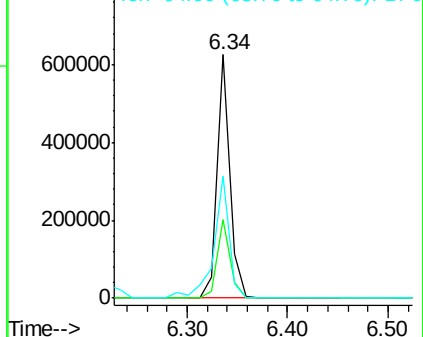
64 50.1 32.2 72.2

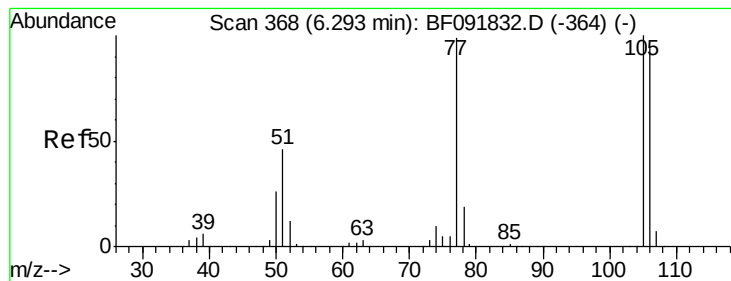


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.02 ng

RT: 6.08 min Scan# 376

Delta R.T. 0.00 min

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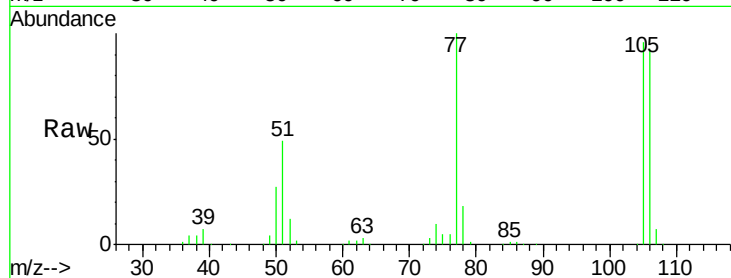
Tgt Ion: 77 Resp: 328868

Ion Ratio Lower Upper

77 100

105 96.0 83.9 123.9

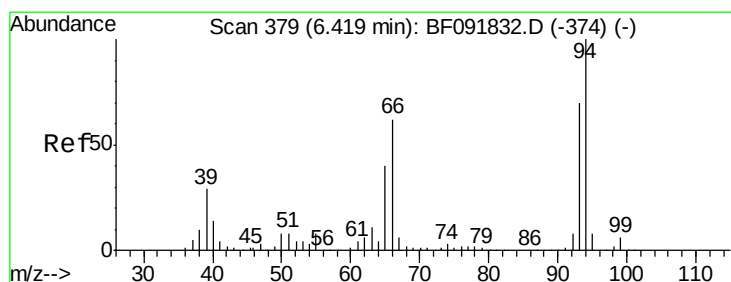
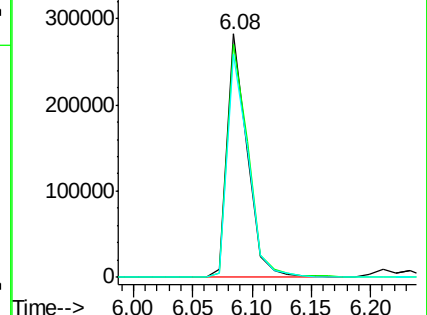
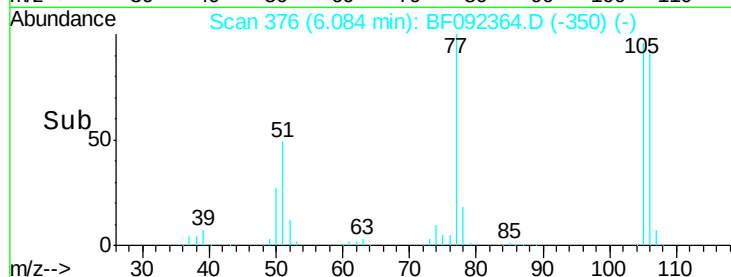
106 91.5 77.6 117.6



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: 47.25 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

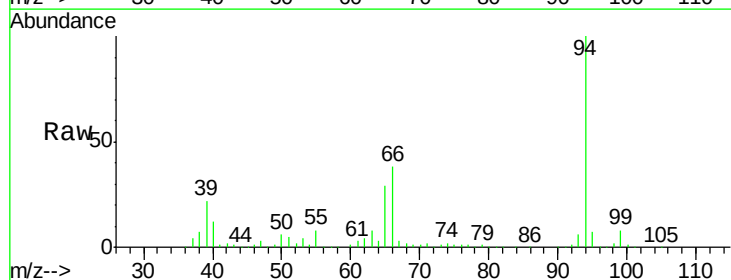
Tgt Ion: 94 Resp: 752140

Ion Ratio Lower Upper

94 100

65 29.4 21.4 61.4

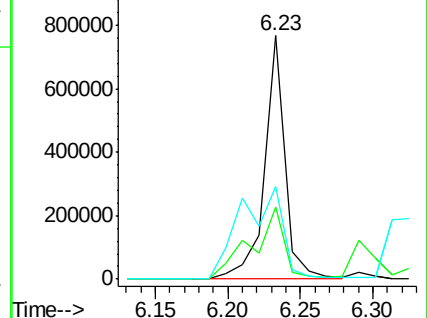
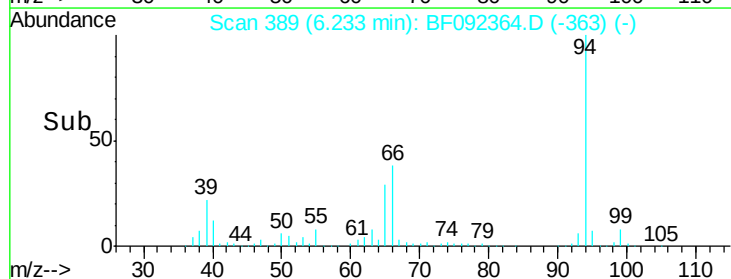
66 37.9 44.0 84.0#

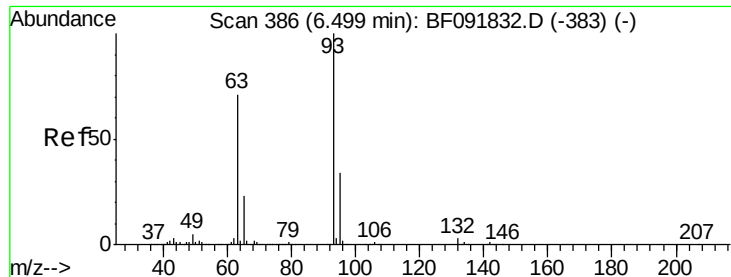


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.46 ng

RT: 6.29 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

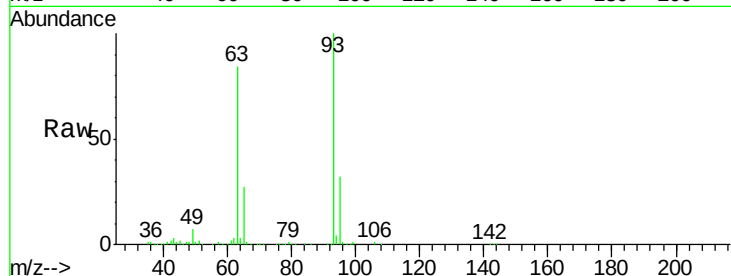
Tgt Ion: 93 Resp: 525101

Ion Ratio Lower Upper

93 100

63 84.2 60.4 100.4

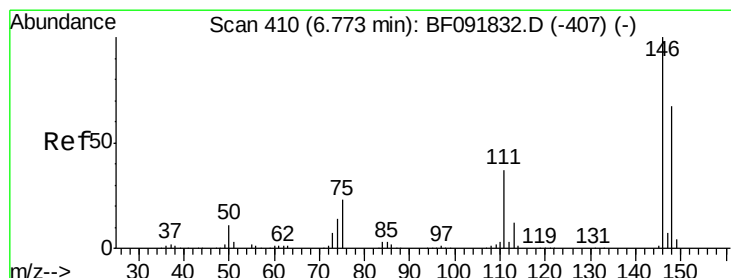
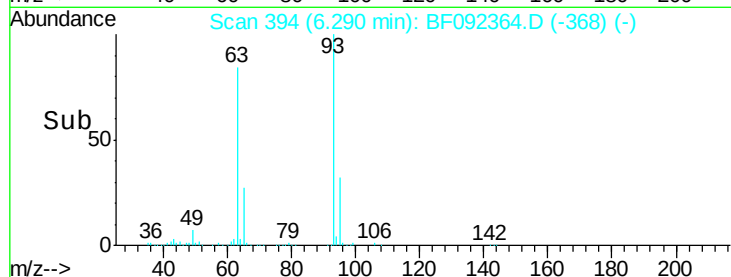
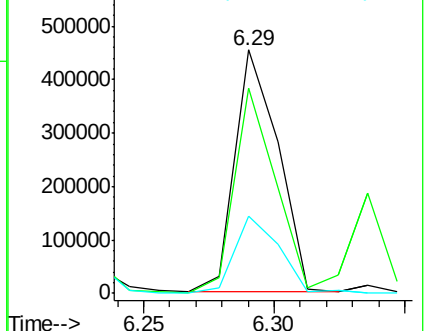
95 31.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.93 ng

RT: 6.48 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

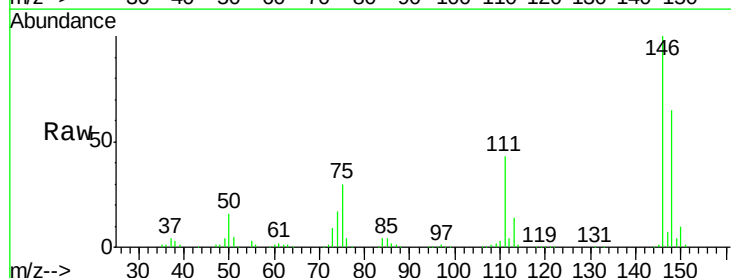
Tgt Ion: 146 Resp: 582529

Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

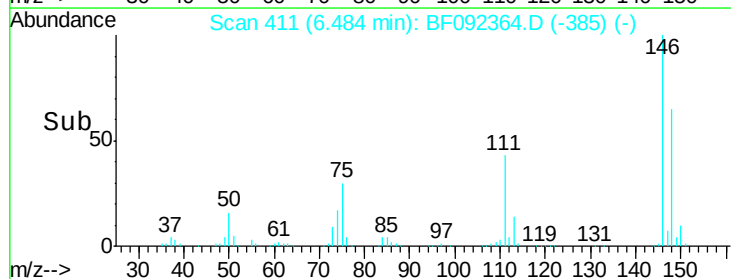
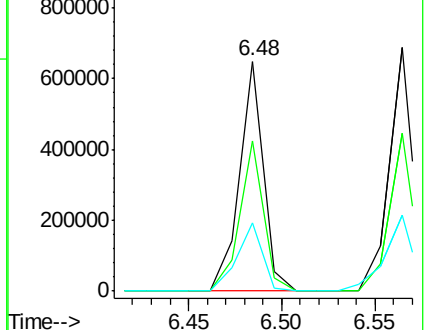
75 29.9 18.5 27.7#

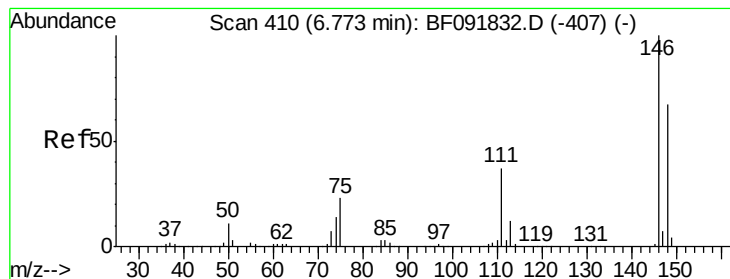


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.31 ng

RT: 6.56 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

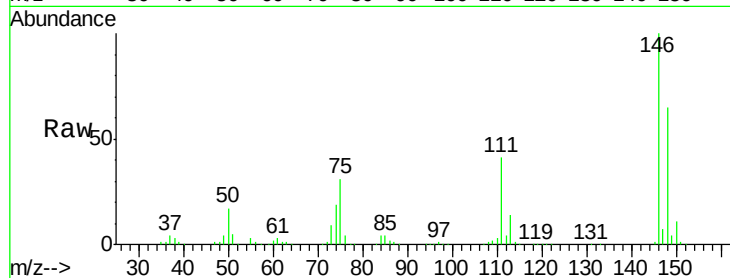
Tgt Ion:146 Resp: 598324

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

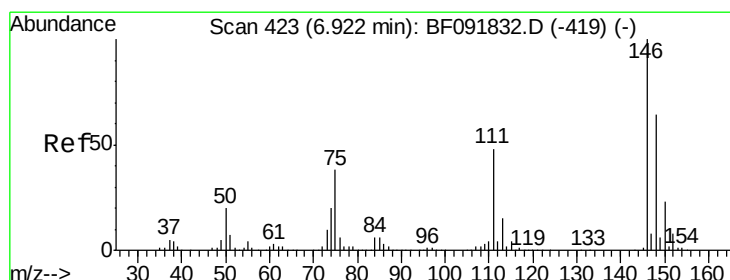
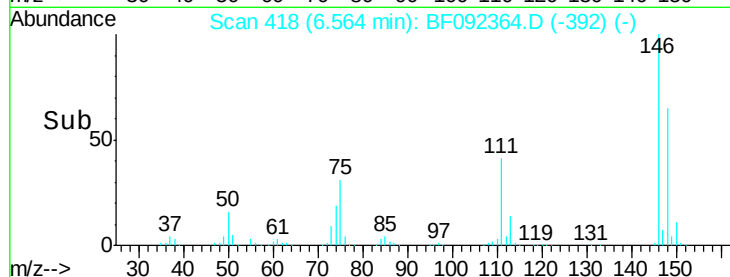
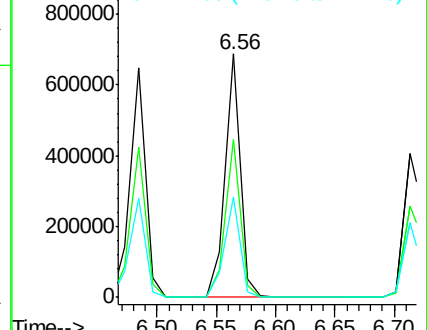
111 41.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.88 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

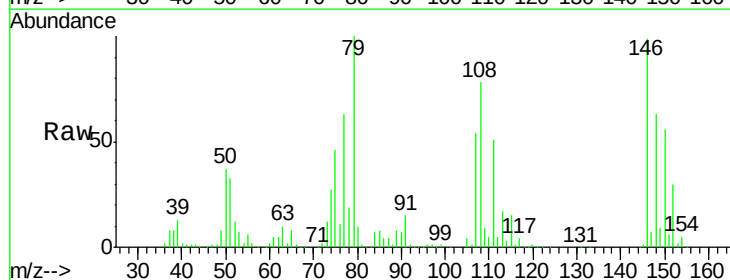
Tgt Ion:146 Resp: 464774

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

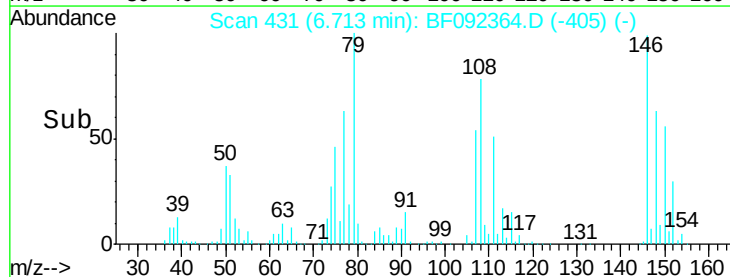
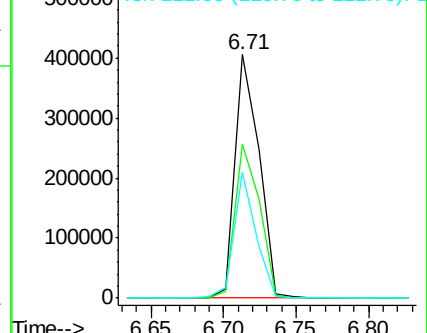
111 51.6 36.2 54.2

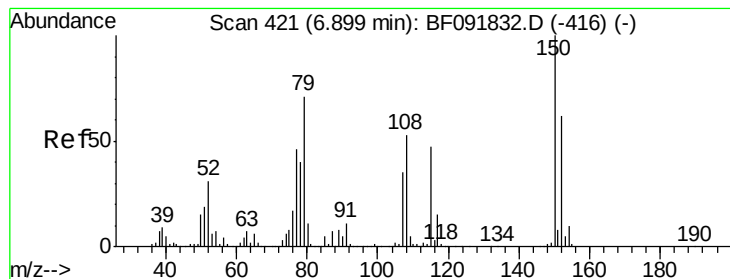


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.89 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

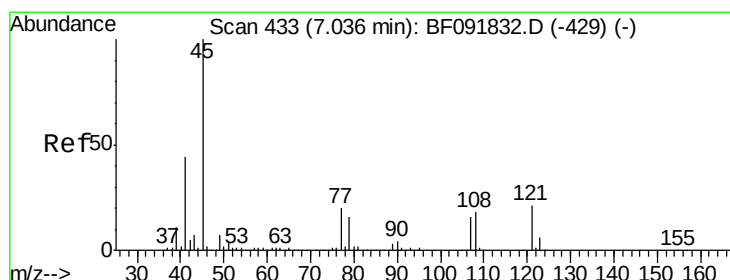
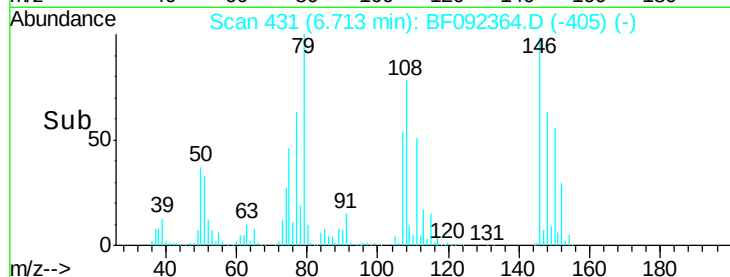
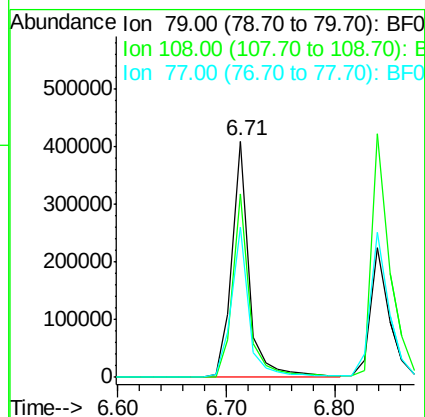
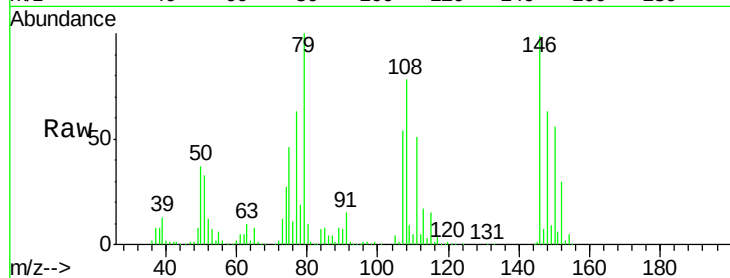
Tgt Ion: 79 Resp: 454732

Ion Ratio Lower Upper

79 100

108 77.7 61.4 92.0

77 63.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.87 ng

RT: 6.84 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

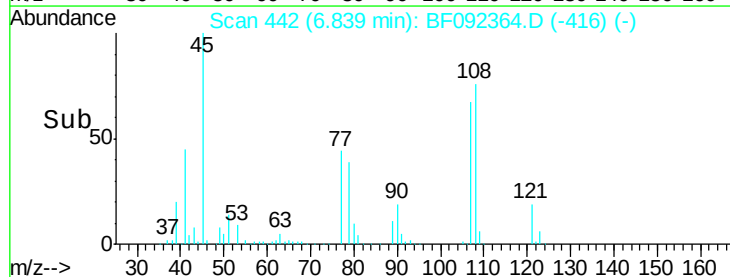
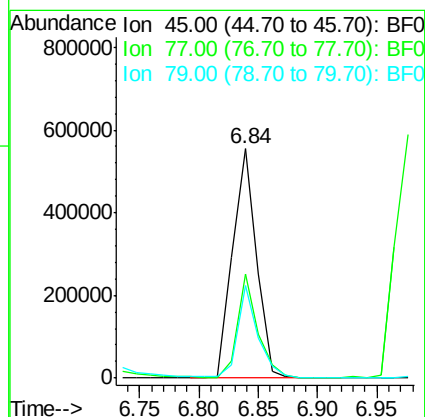
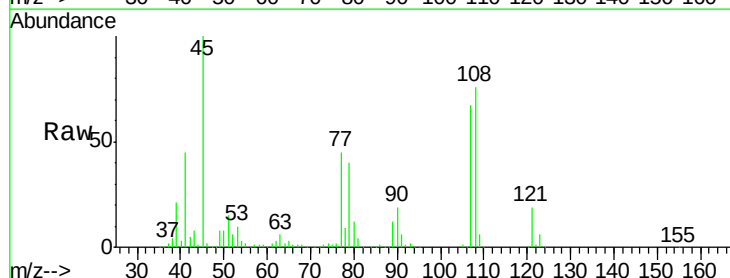
Tgt Ion: 45 Resp: 770823

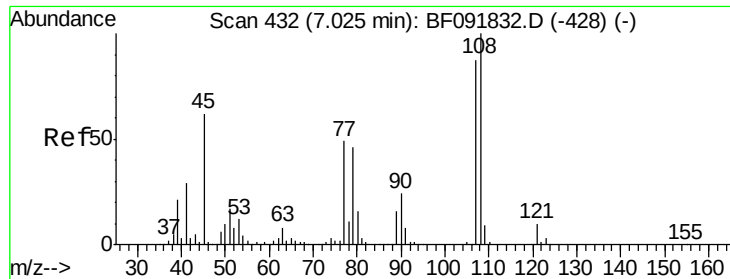
Ion Ratio Lower Upper

45 100

77 45.2 0.0 34.6#

79 40.5 0.0 31.2#

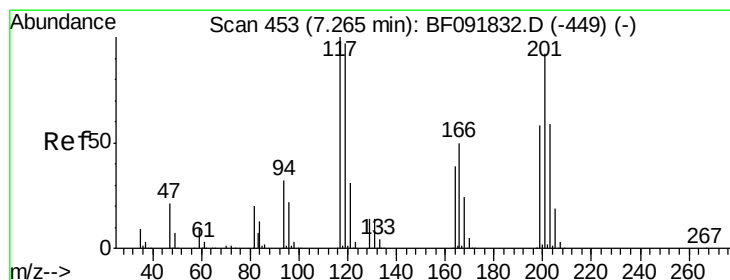
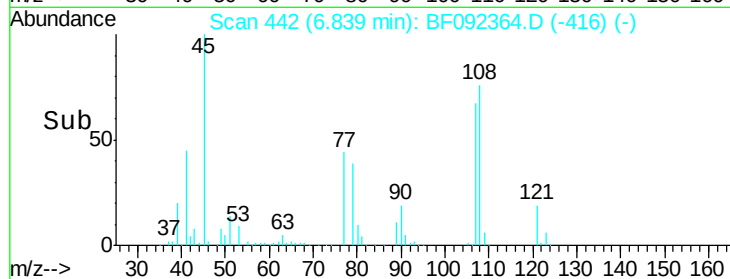
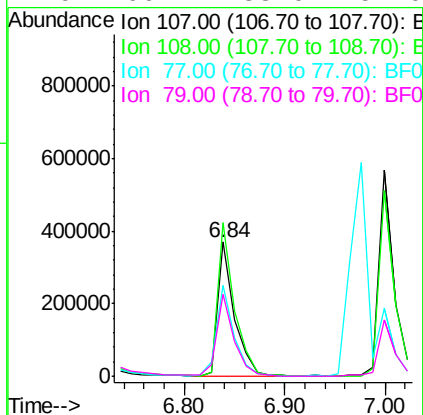
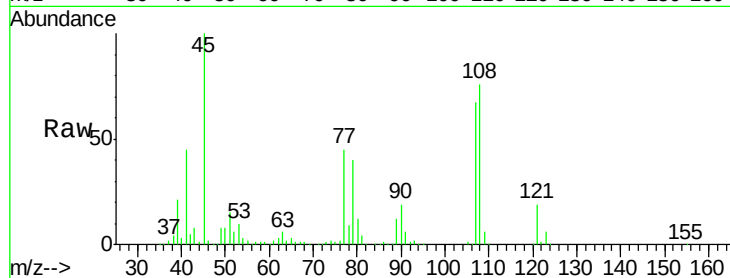




#17
2-Methylphenol
Concen: 40.50 ng
RT: 6.84 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

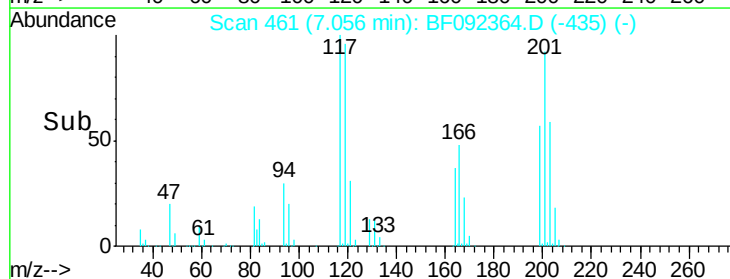
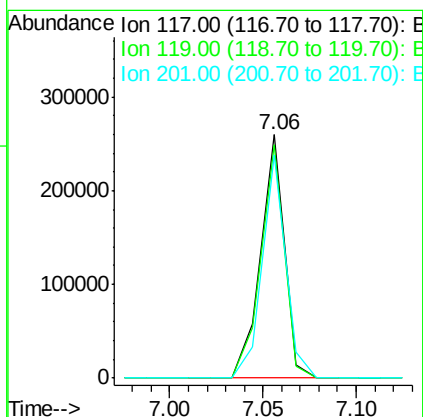
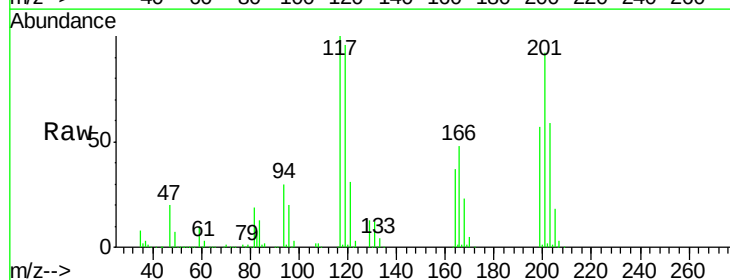
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

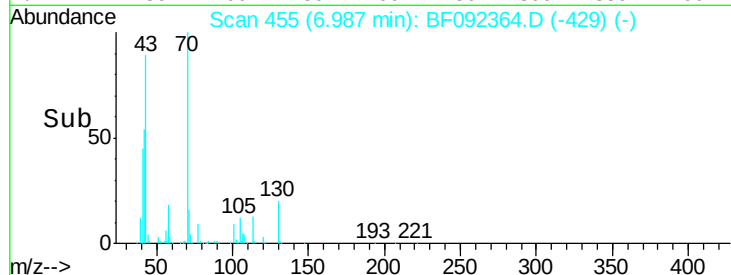
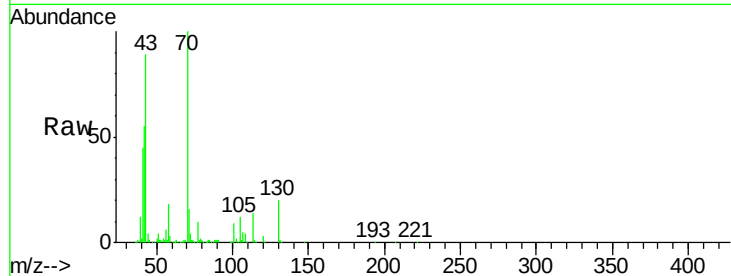
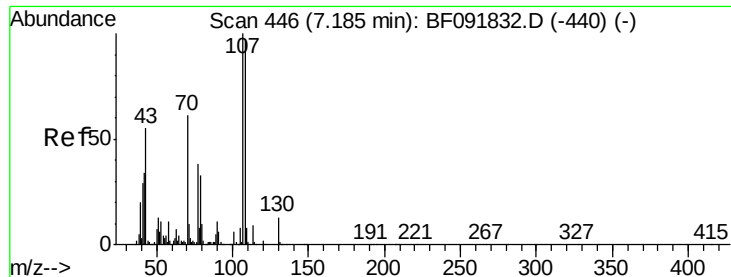
Tgt Ion:107 Resp: 423933
Ion Ratio Lower Upper
107 100
108 114.1 93.0 139.6
77 67.8 39.8 59.8#
79 60.7 38.0 57.0#



#18
Hexachloroethane
Concen: 43.44 ng
RT: 7.06 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:117 Resp: 227784
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
201 91.7 78.6 117.8

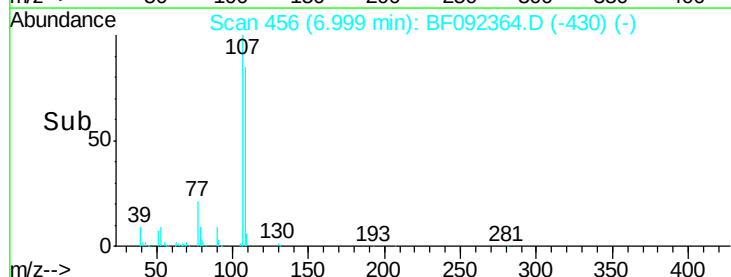
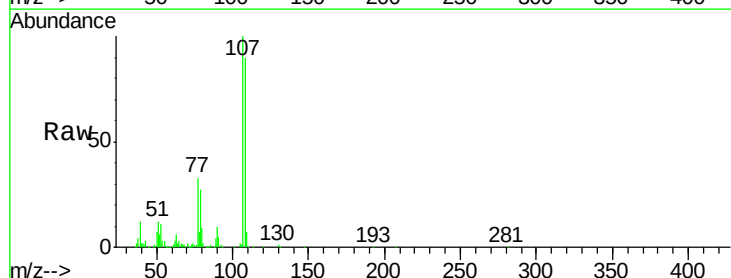
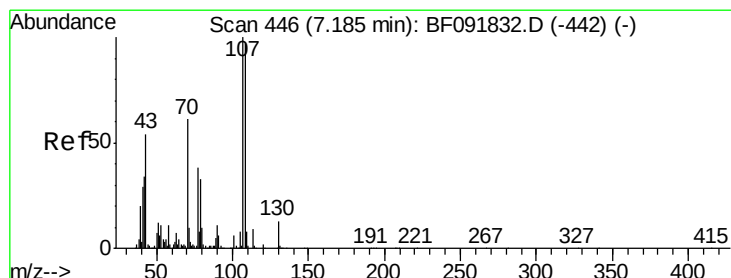
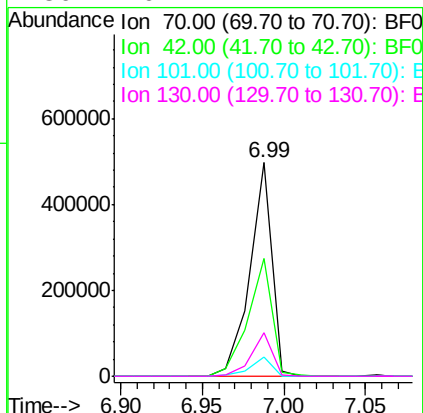




#19
n-Nitroso-di-n-propylamine
Concen: 50.37 ng
RT: 6.99 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

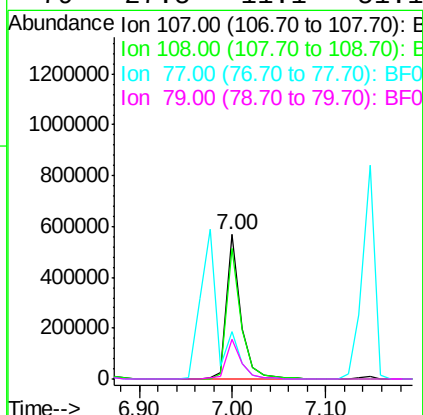
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

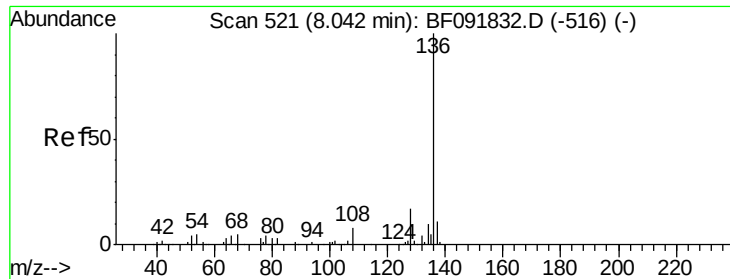
Tgt Ion:	70	Resp:	468090
Ion	Ratio	Lower	Upper
70	100		
42	55.2	49.4	74.0
101	9.1	7.4	11.2
130	20.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.21 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:	107	Resp:	601911
Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.0	113.0
77	33.1	71.3	111.3#
79	27.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 981956

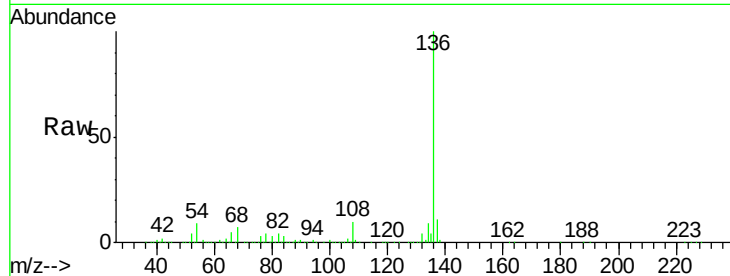
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.6 4.5 6.7#

68 7.1 3.6 5.4#

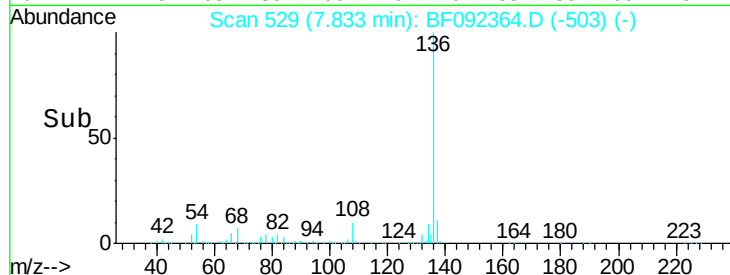


Abundance Ion 136.00 (135.70 to 136.70): E

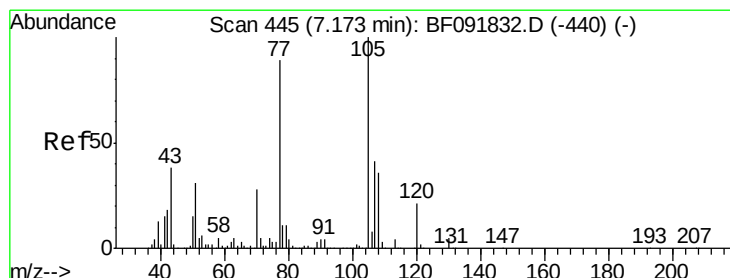
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.64 ng

RT: 6.98 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Tgt Ion:105 Resp: 863098

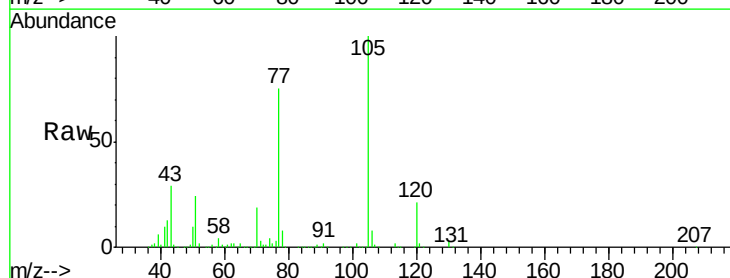
Ion Ratio Lower Upper

105 100

71 3.2 3.2 4.8

51 24.3 26.2 39.4#

120 21.3 16.6 24.8

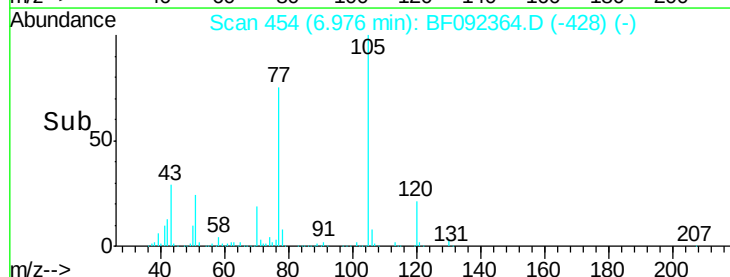


Abundance Ion 105.00 (104.70 to 105.70): E

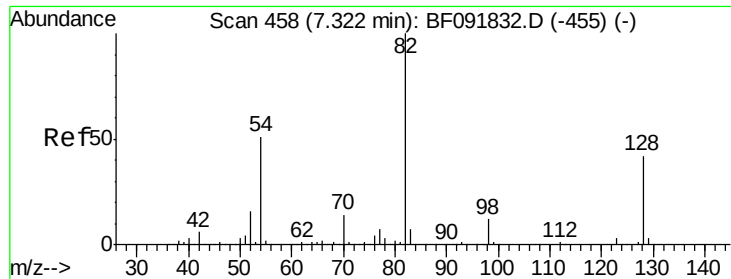
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



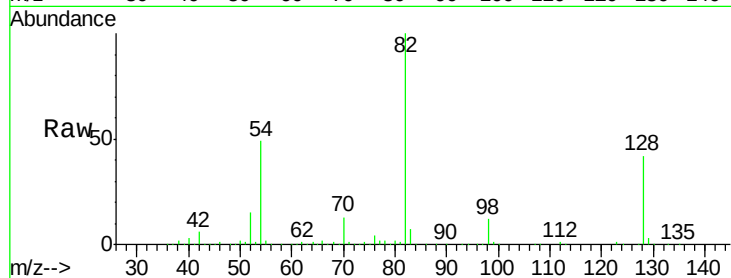
Time-->



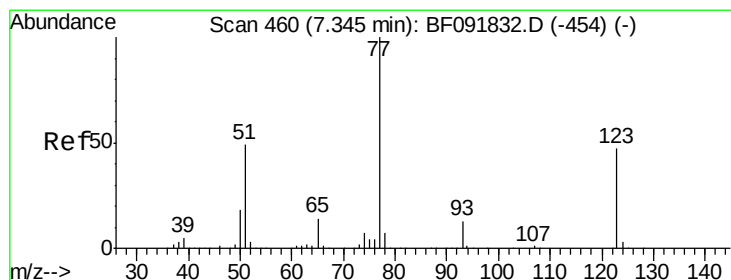
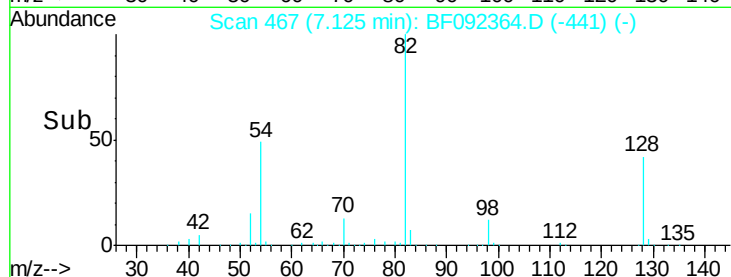
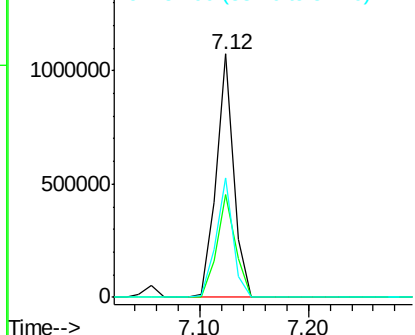
#23
 Nitrobenzene-d5
 Concen: 68.59 ng
 RT: 7.12 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1211194
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 48.9 39.5 59.3

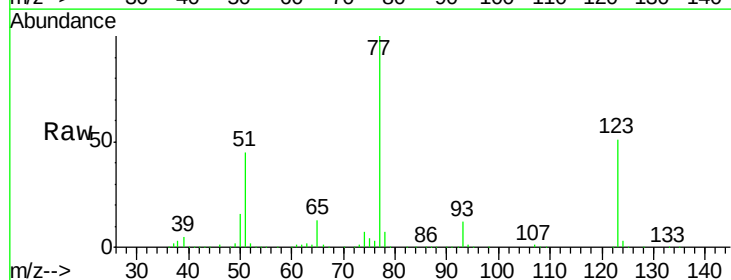


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

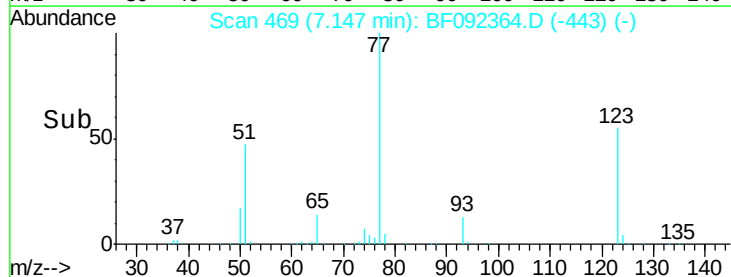
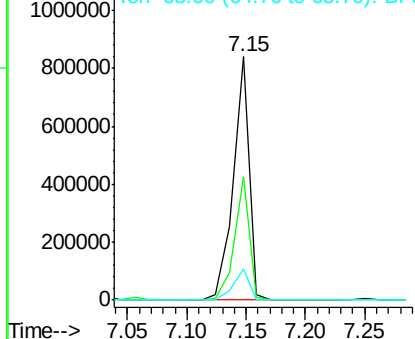


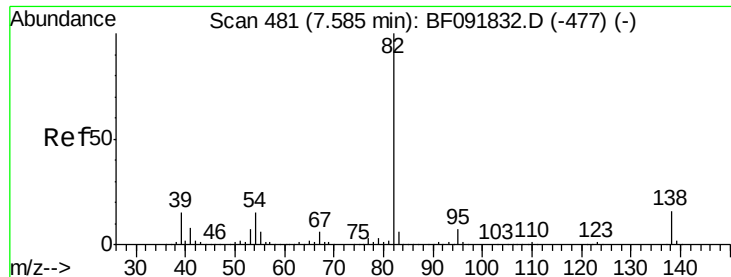
#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 7.15 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion: 77 Resp: 776679
 Ion Ratio Lower Upper
 77 100
 123 50.8 33.0 49.4#
 65 12.8 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.41 ng

RT: 7.39 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

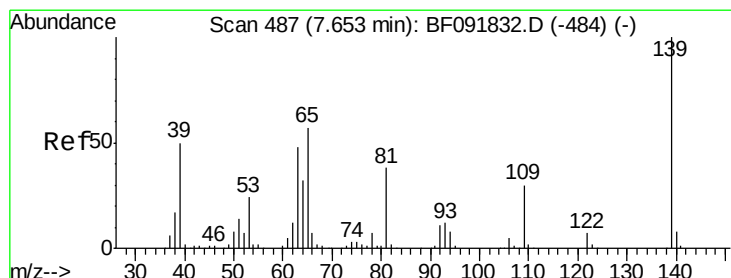
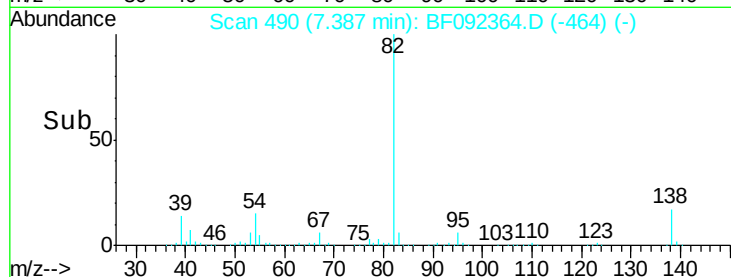
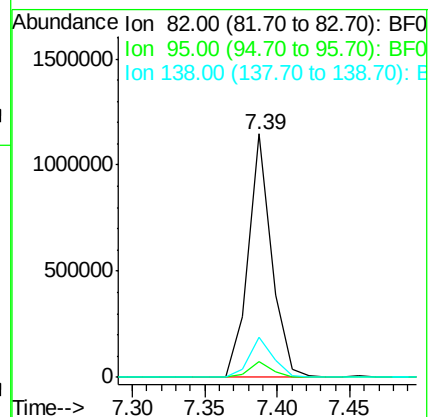
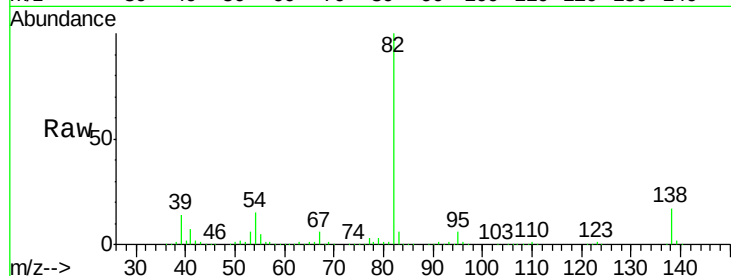
Tgt Ion: 82 Resp: 1283930

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.6 14.6 22.0



#26

2-Nitrophenol

Concen: 37.20 ng

RT: 7.46 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

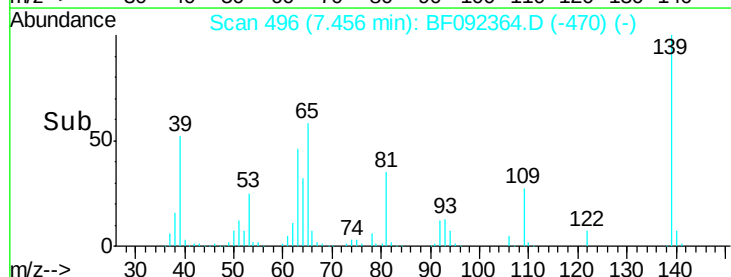
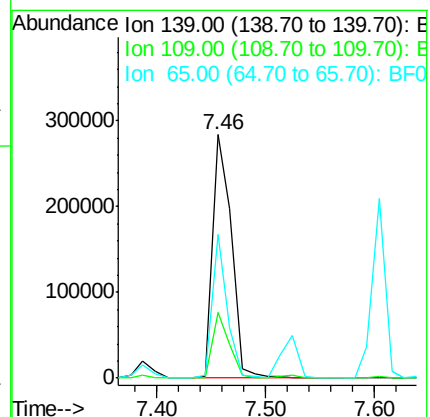
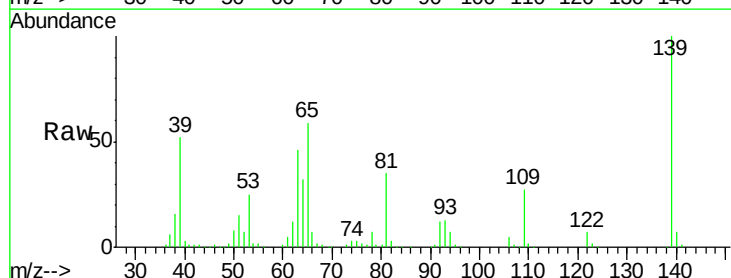
Tgt Ion: 139 Resp: 344997

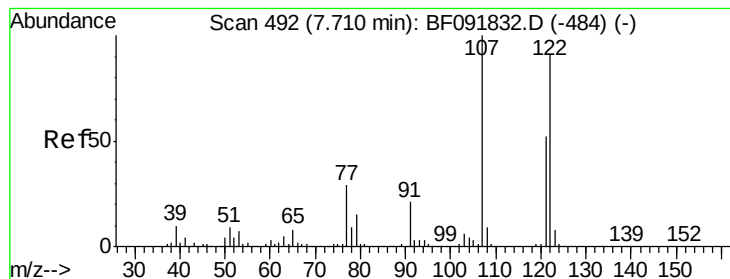
Ion Ratio Lower Upper

139 100

109 27.2 23.3 34.9

65 58.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 39.67 ng

RT: 7.52 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

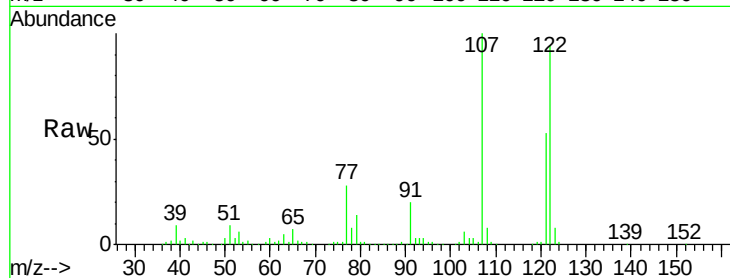
Tgt Ion:122 Resp: 610322

Ion Ratio Lower Upper

122 100

107 106.4 94.1 141.1

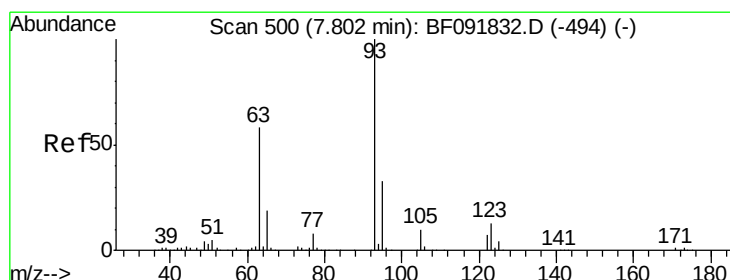
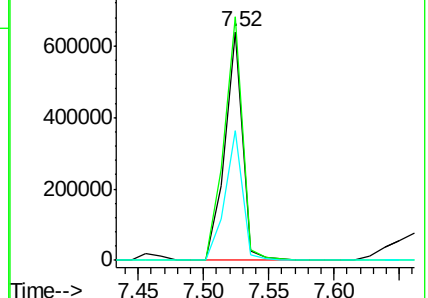
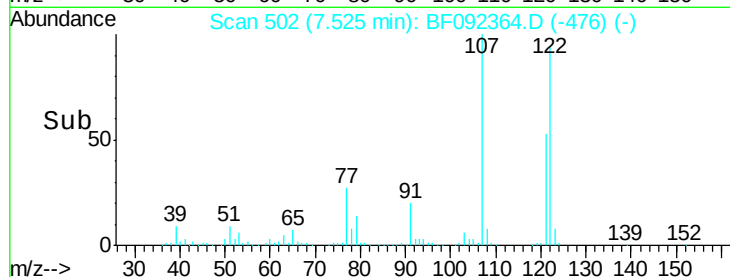
121 56.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.23 ng

RT: 7.60 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

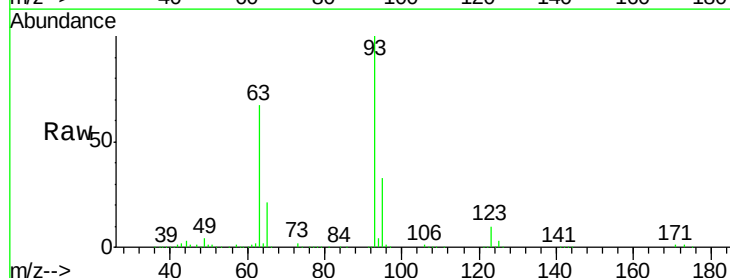
Tgt Ion: 93 Resp: 814516

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

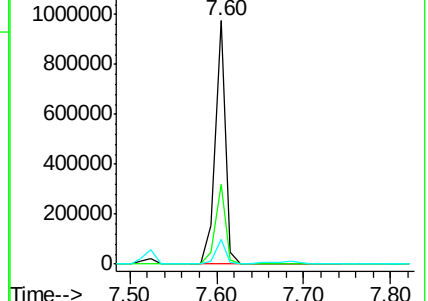
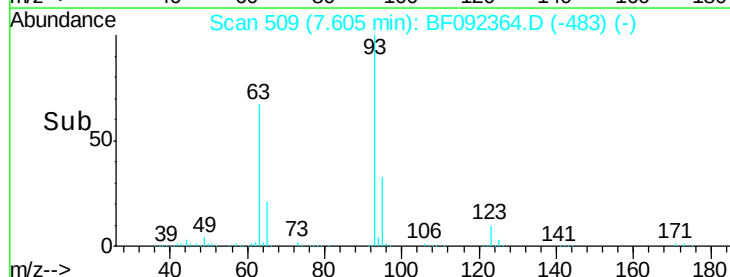
123 10.4 8.6 13.0

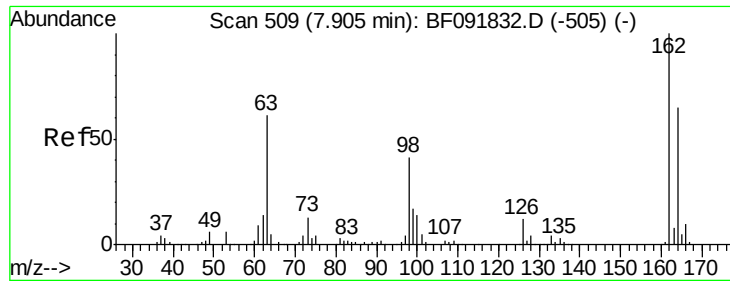


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

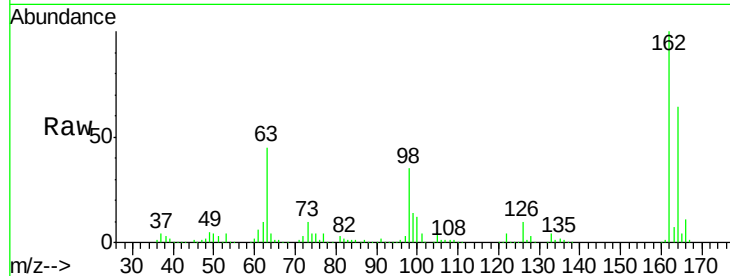




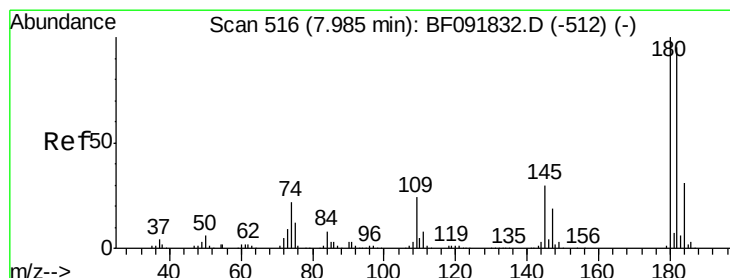
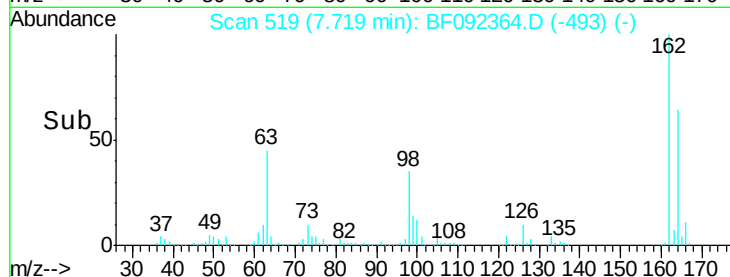
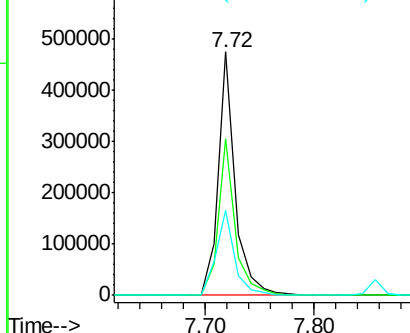
#29
2,4-Dichlorophenol
Concen: 39.51 ng
RT: 7.72 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 514655
Ion Ratio Lower Upper
162 100
164 64.4 46.8 86.8
98 34.6 9.1 49.1

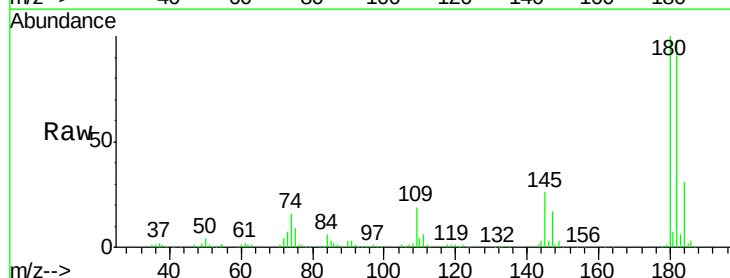


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

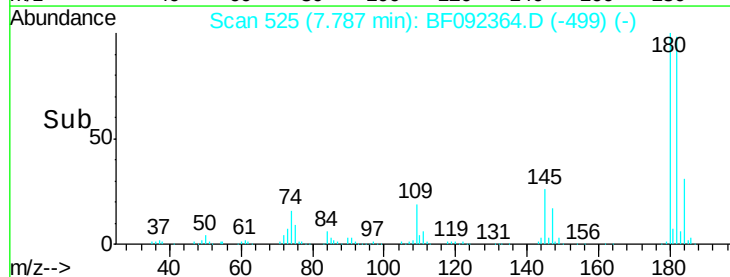
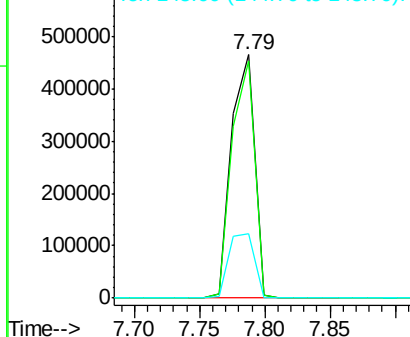


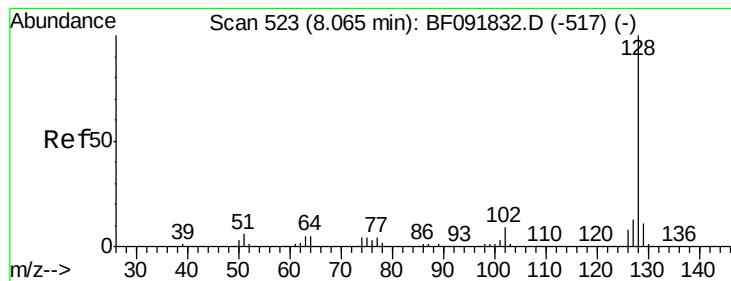
#30
1,2,4-Trichlorobenzene
Concen: 40.13 ng
RT: 7.79 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:180 Resp: 572830
Ion Ratio Lower Upper
180 100
182 97.6 78.2 117.4
145 26.4 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: 37.95 ng

RT: 7.86 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

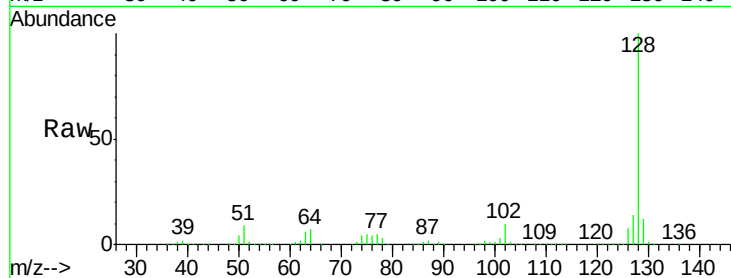
Tgt Ion:128 Resp: 1705700

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

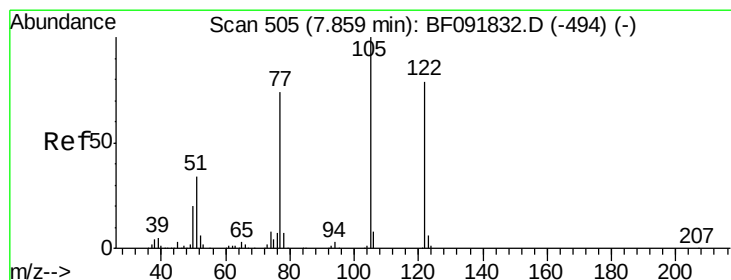
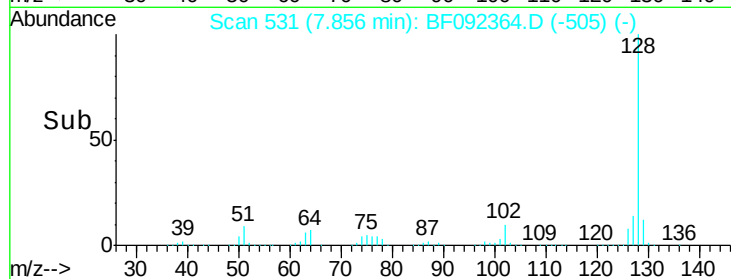
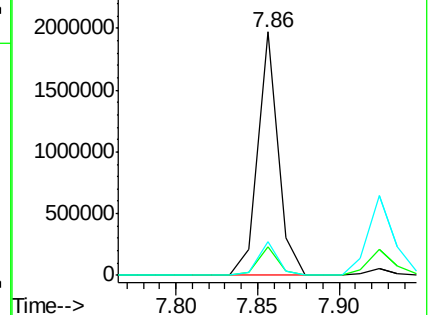
127 13.7 10.8 16.2



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: 33.99 ng

RT: 7.68 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

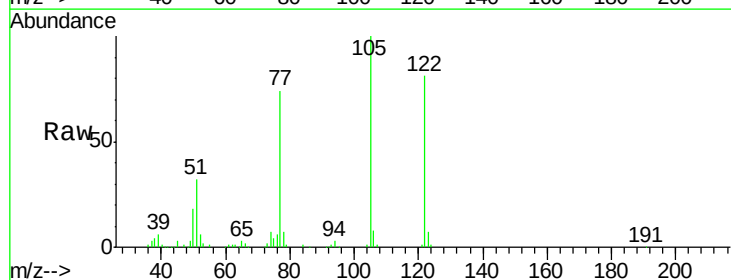
Tgt Ion:122 Resp: 387875

Ion Ratio Lower Upper

122 100

105 123.0 107.2 147.2

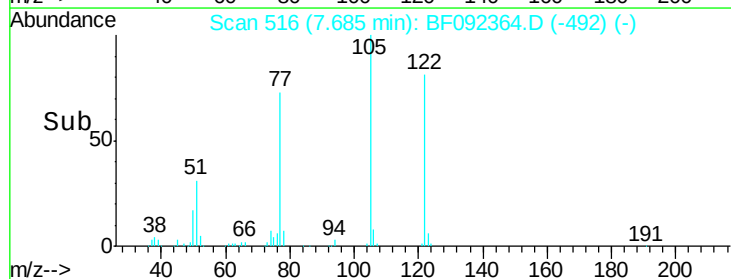
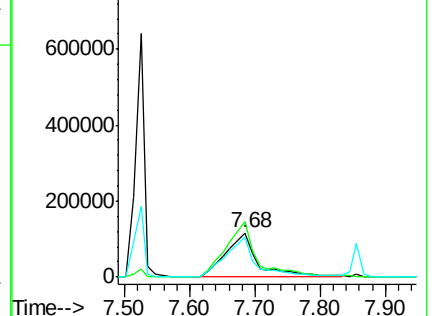
77 91.2 74.5 114.5

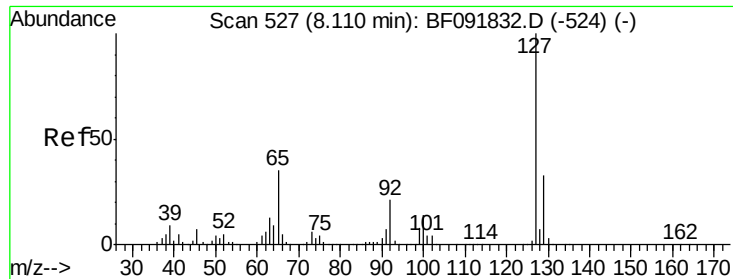


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

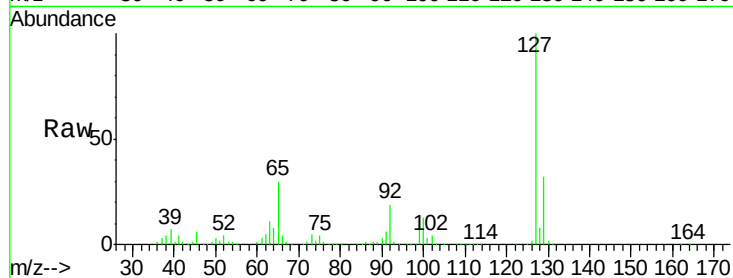




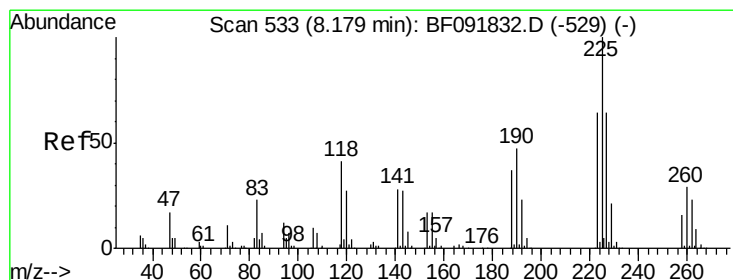
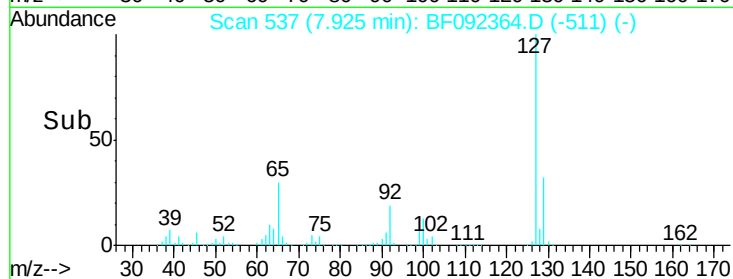
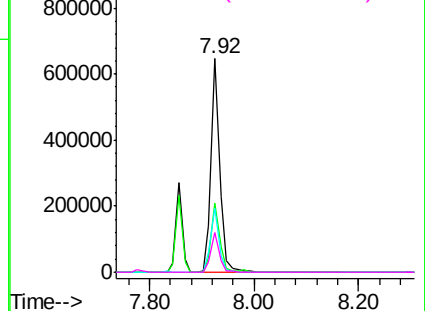
#33
4-Chloroaniline
Concen: 36.67 ng
RT: 7.92 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	743078
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	30.3	25.8	38.8
92	18.6	16.1	24.1

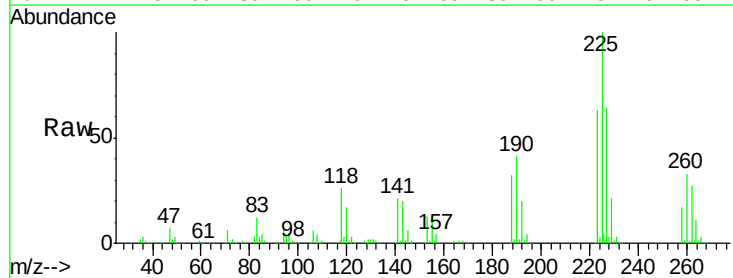


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

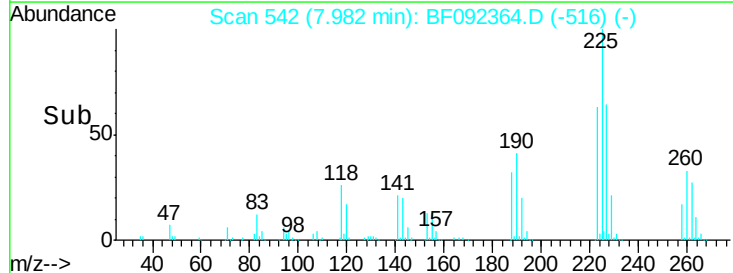
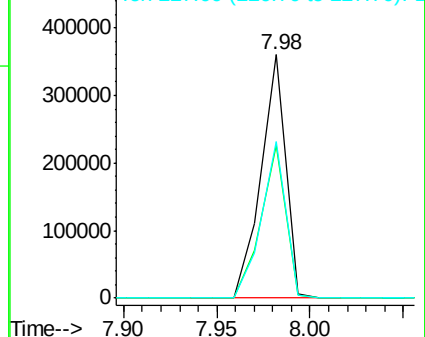


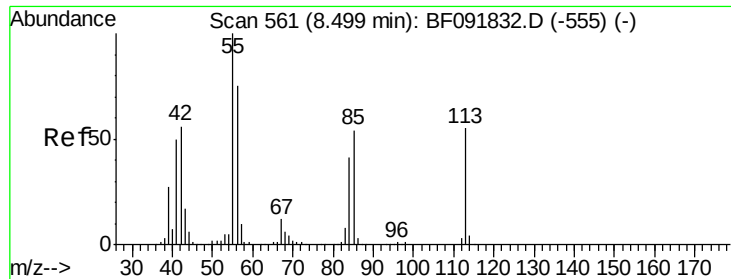
#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 7.98 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:	225	Resp:	327425
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.1	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

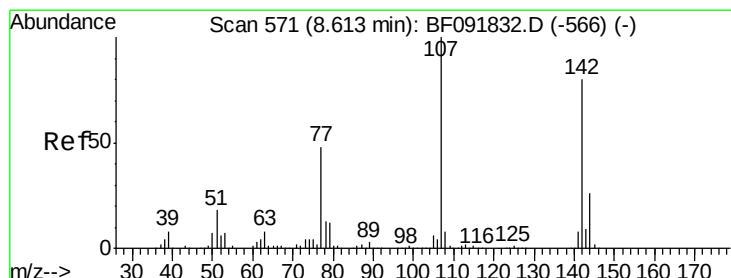
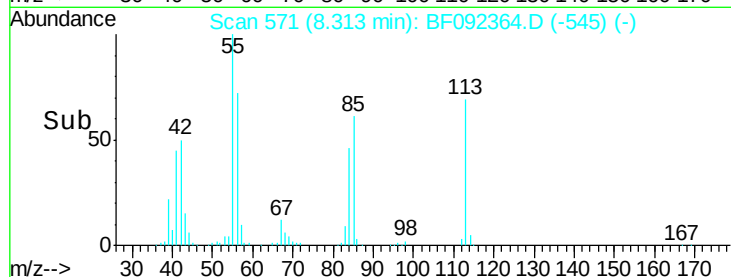
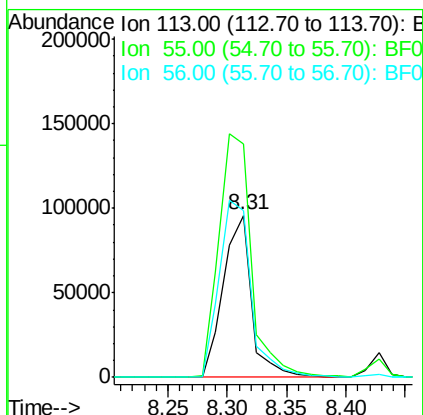
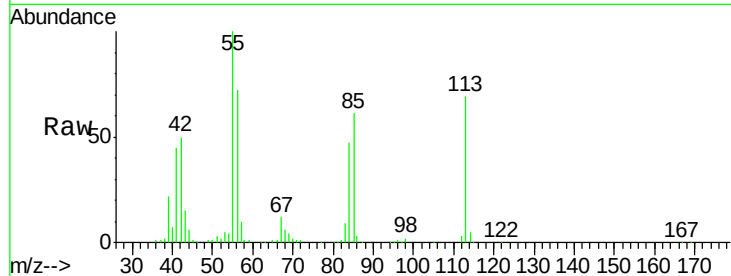




#35
 Caprolactam
 Concen: 37.06 ng
 RT: 8.31 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

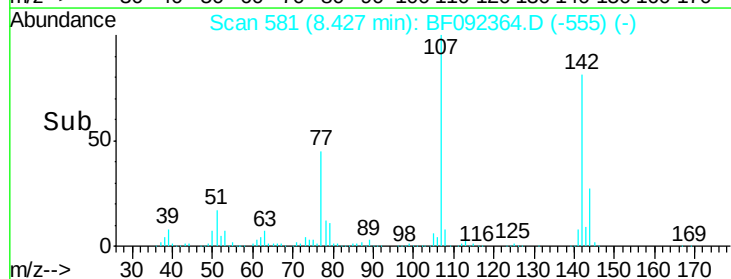
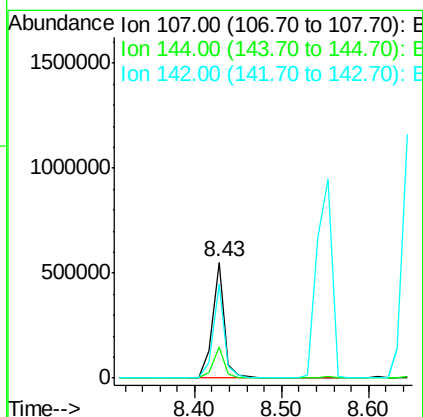
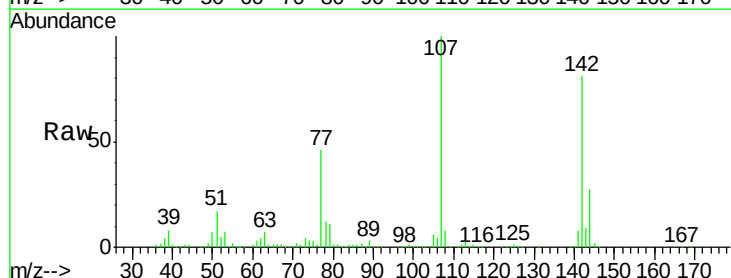
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

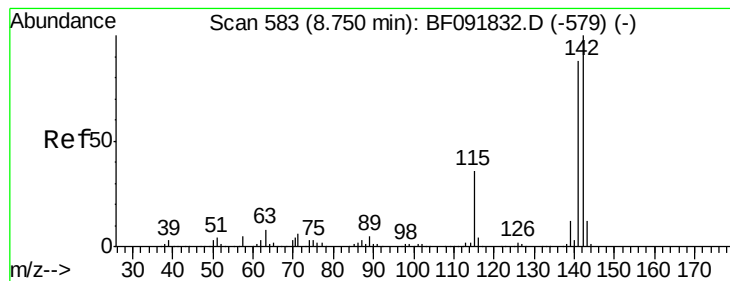
Tgt Ion:113 Resp: 158654
 Ion Ratio Lower Upper
 113 100
 55 144.0 119.2 159.2
 56 103.4 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 35.48 ng
 RT: 8.43 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion:107 Resp: 531865
 Ion Ratio Lower Upper
 107 100
 144 27.1 19.3 28.9
 142 81.4 59.0 88.6





#37

2-Methylnaphthalene

Concen: 39.55 ng

RT: 8.55 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

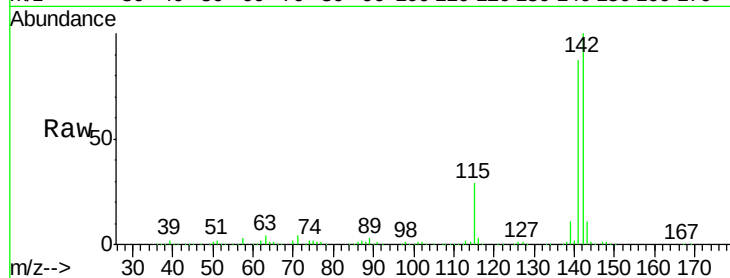
Tgt Ion:142 Resp: 1124516

Ion Ratio Lower Upper

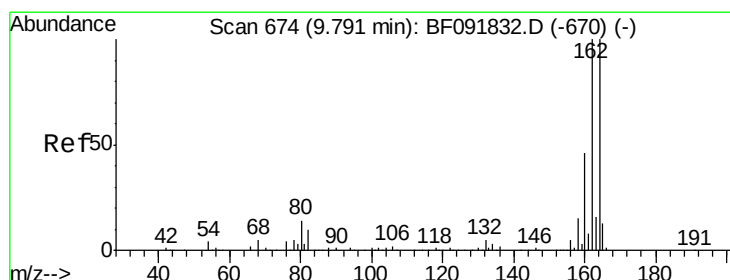
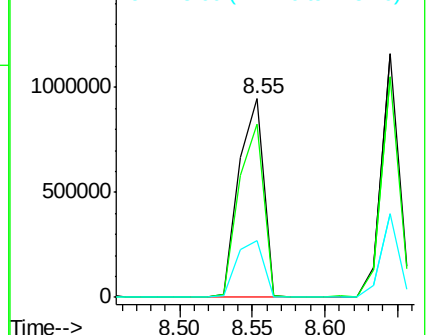
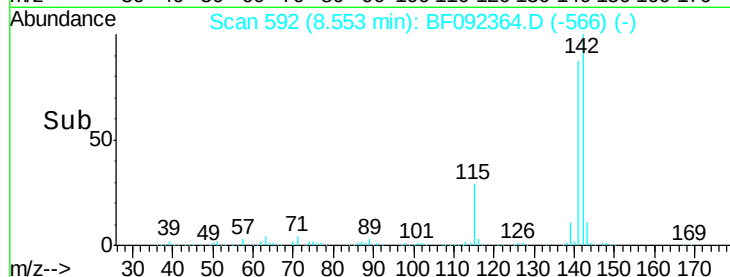
142 100

141 86.9 71.0 106.6

115 28.7 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: 9.58 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

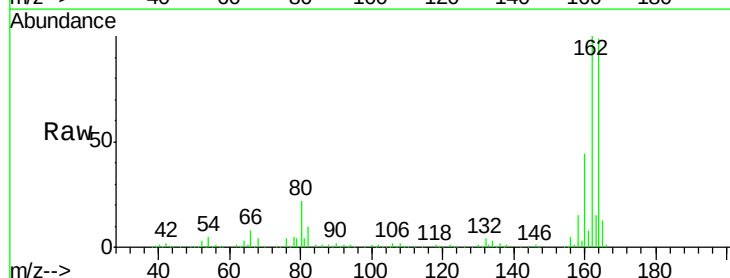
Tgt Ion:164 Resp: 422155

Ion Ratio Lower Upper

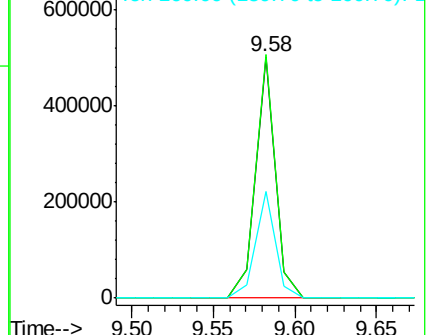
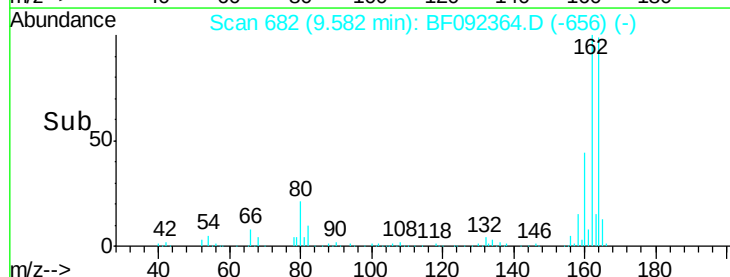
164 100

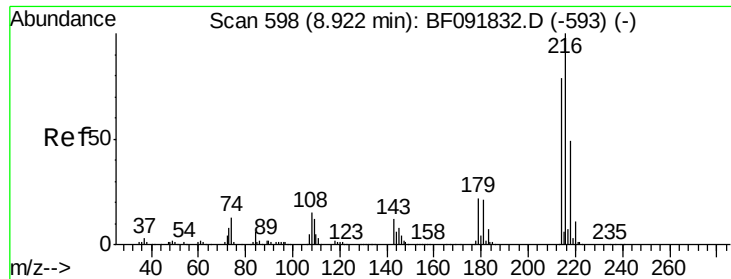
162 100.9 80.2 120.2

160 44.4 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

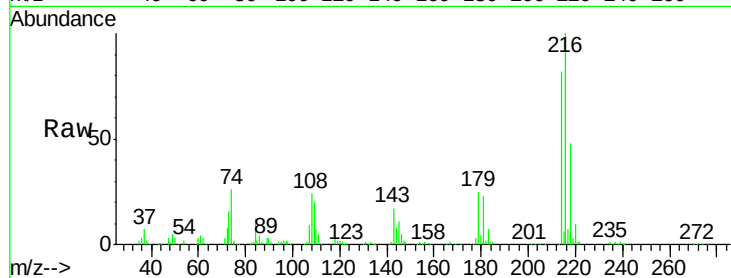




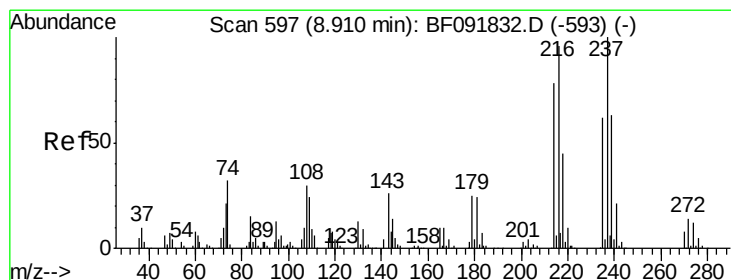
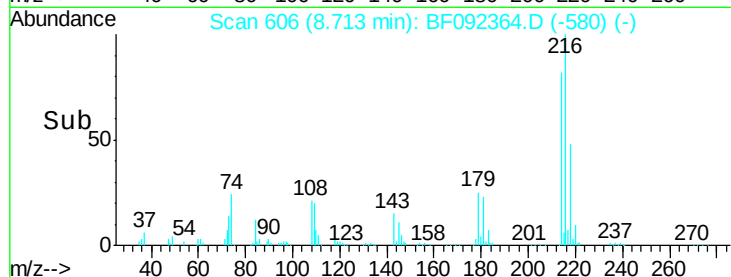
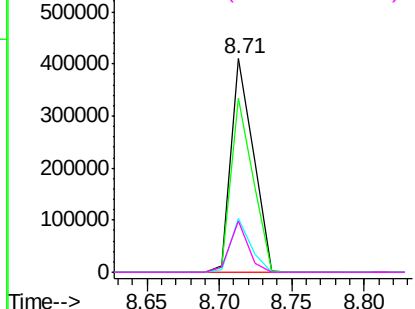
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.99 ng
RT: 8.71 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	216	Resp:	437191
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	22.3	17.4	26.2
108	19.6	15.6	23.4

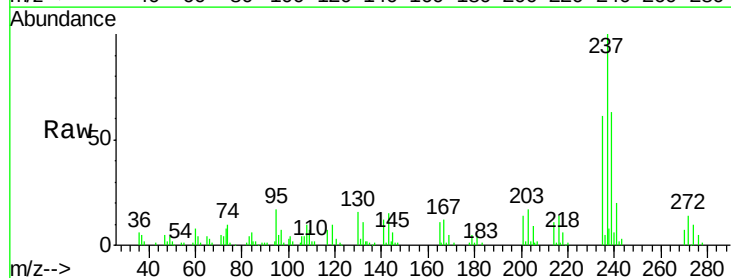


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

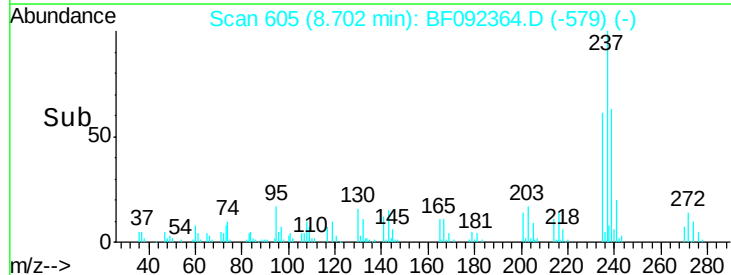
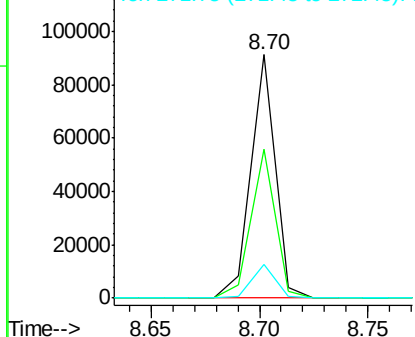


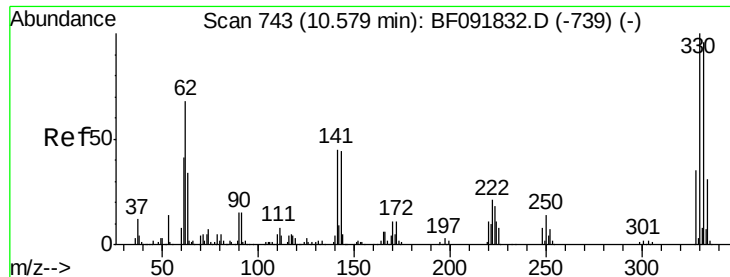
#40
Hexachlorocyclopentadiene
Concen: 18.18 ng
RT: 8.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:	237	Resp:	71006
Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.2	81.2
272	14.0	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

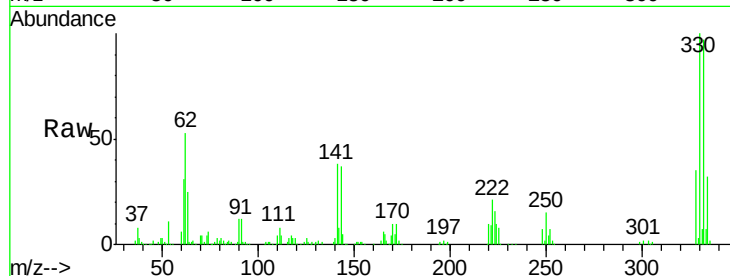




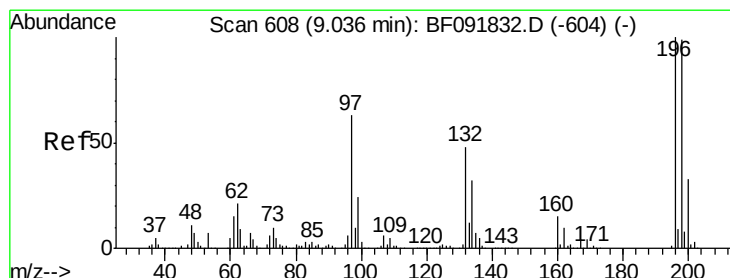
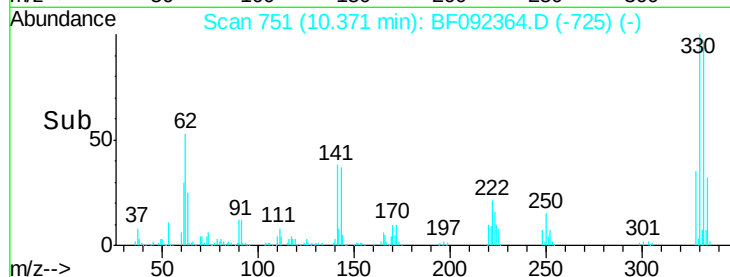
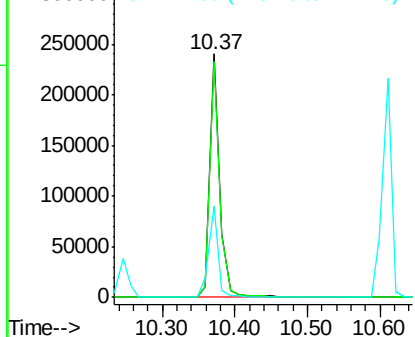
#41
 2,4,6-Tribromophenol
 Concen: 65.77 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 229769
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 36.1 34.1 51.1

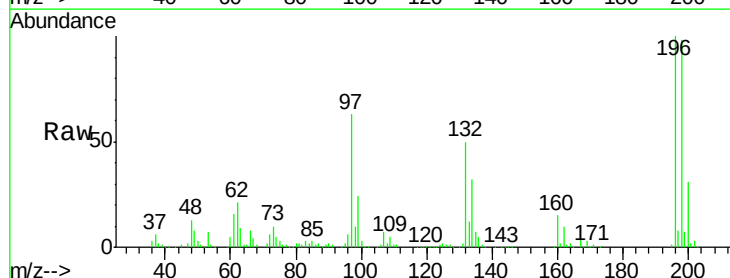


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

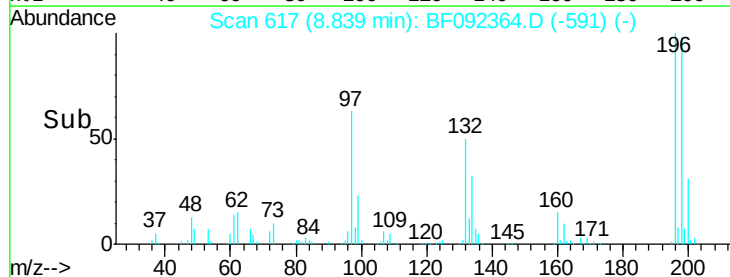
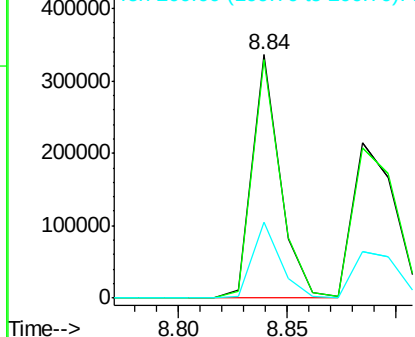


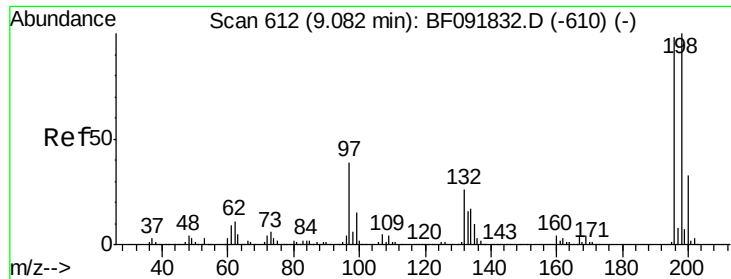
#42
 2,4,6-Trichlorophenol
 Concen: 40.43 ng
 RT: 8.84 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion:196 Resp: 301583
 Ion Ratio Lower Upper
 196 100
 198 98.2 82.1 123.1
 200 31.2 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

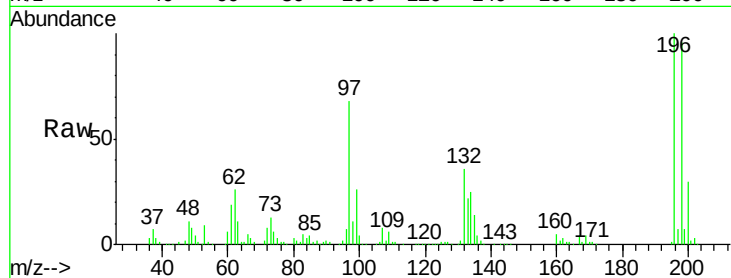




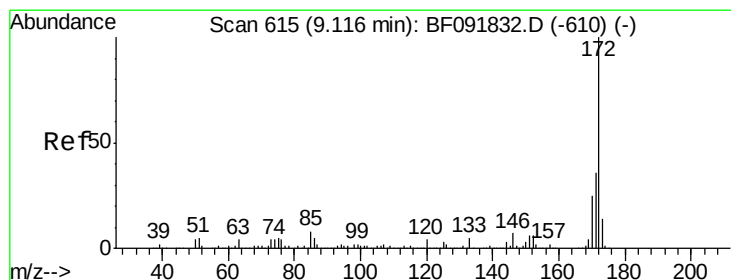
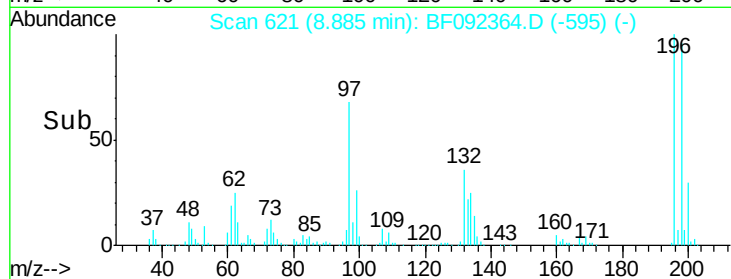
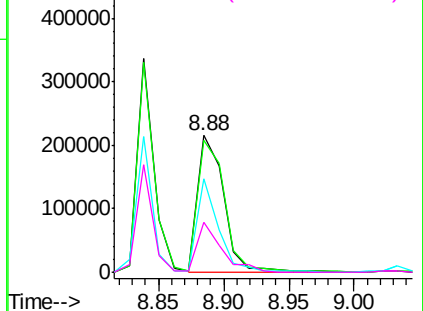
#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 8.88 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 294844
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.4 119.2
 97 68.0 51.5 77.3
 132 36.5 27.4 41.2

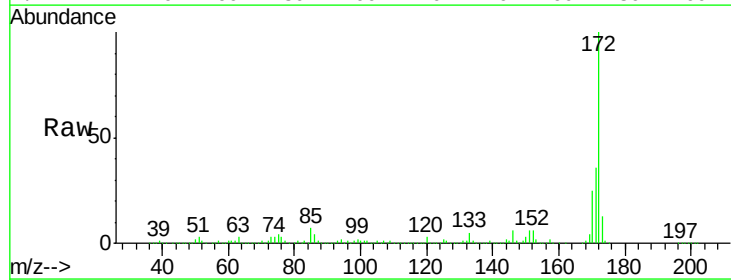


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

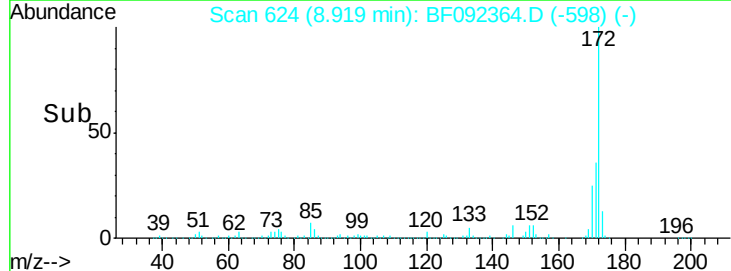
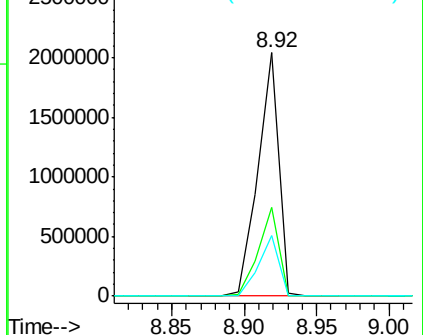


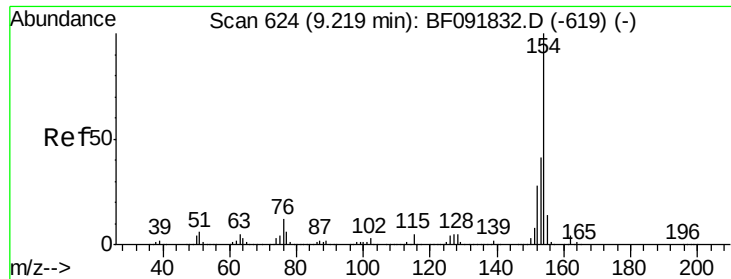
#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion:172 Resp: 2023219
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

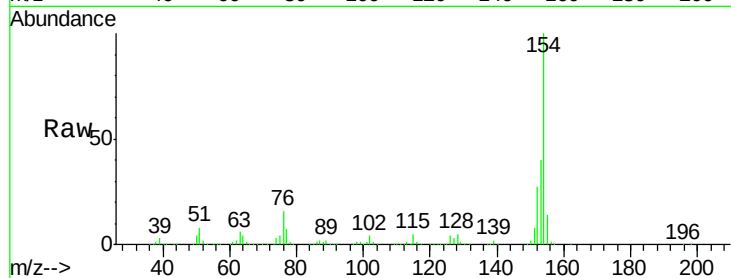




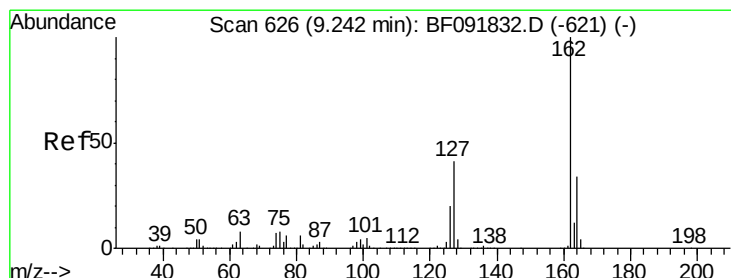
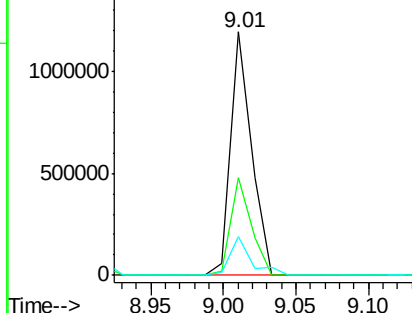
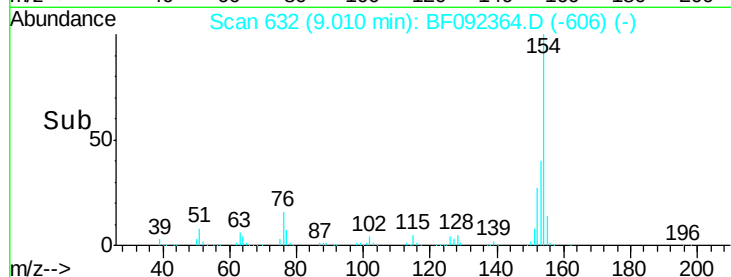
#45
 1,1'-Biphenyl
 Concen: 41.15 ng
 RT: 9.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1189373
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 15.7 0.0 30.5

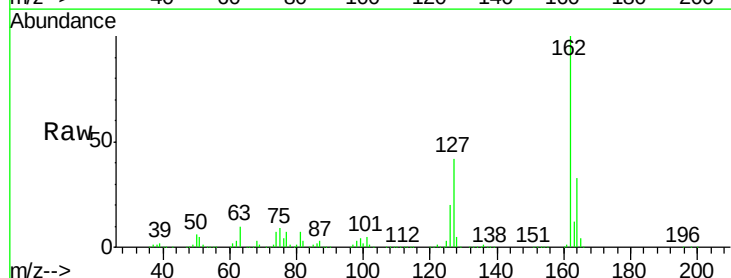


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

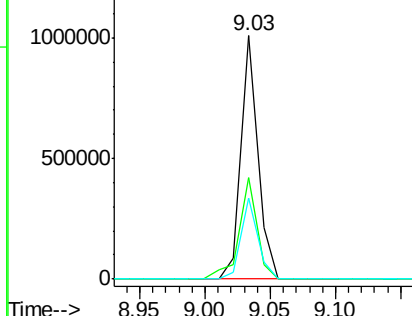
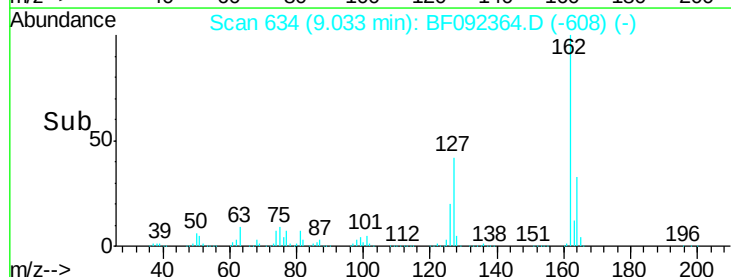


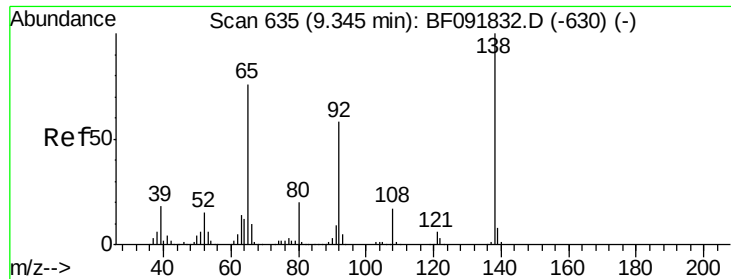
#46
 2-Chloronaphthalene
 Concen: 39.39 ng
 RT: 9.03 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion:162 Resp: 901675
 Ion Ratio Lower Upper
 162 100
 127 41.9 30.7 46.1
 164 33.2 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

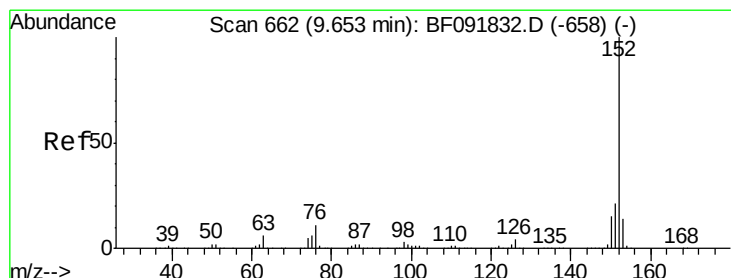
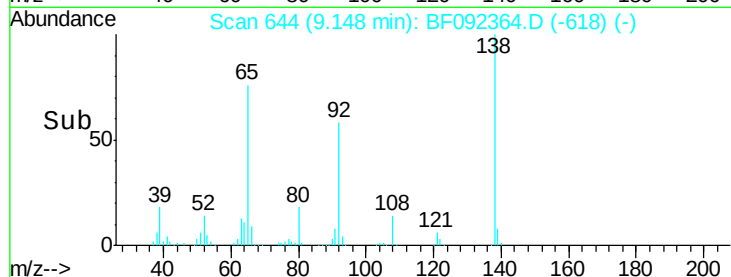
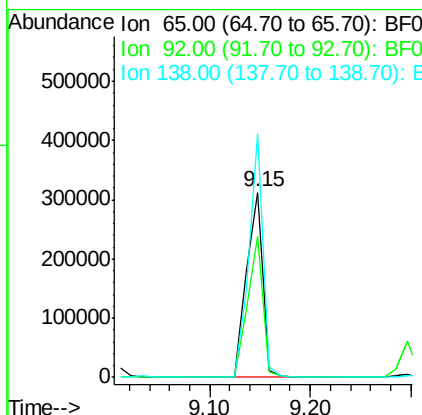
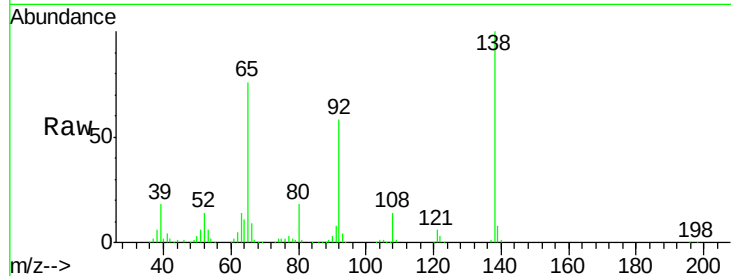




#47
2-Nitroaniline
Concen: 42.61 ng
RT: 9.15 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

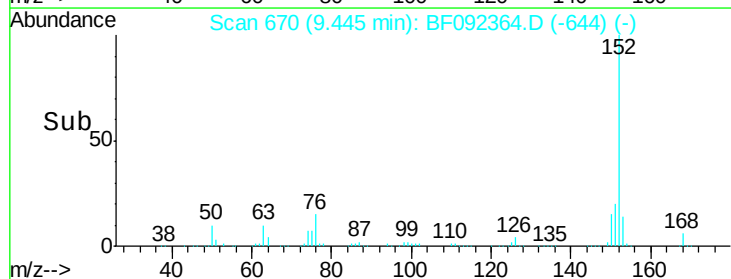
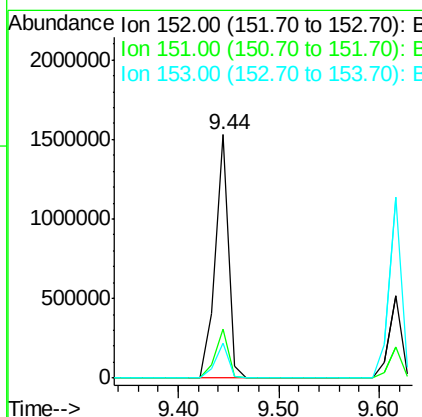
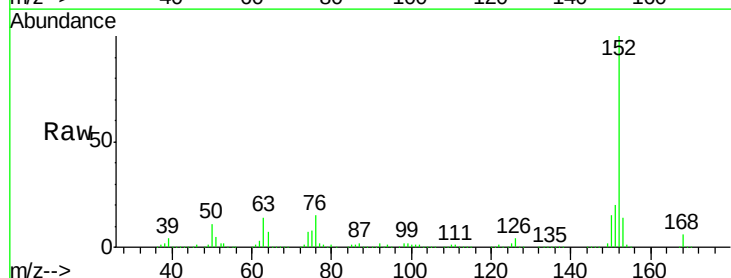
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

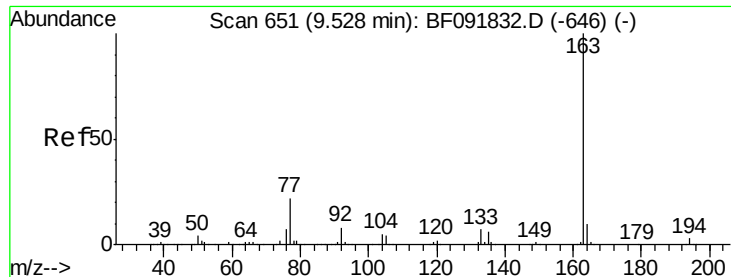
Tgt Ion: 65 Resp: 347292
Ion Ratio Lower Upper
65 100
92 76.3 53.9 80.9
138 131.3 76.8 115.2#



#48
Acenaphthylene
Concen: 39.26 ng
RT: 9.44 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion: 152 Resp: 1382266
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 42.97 ng

RT: 9.33 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

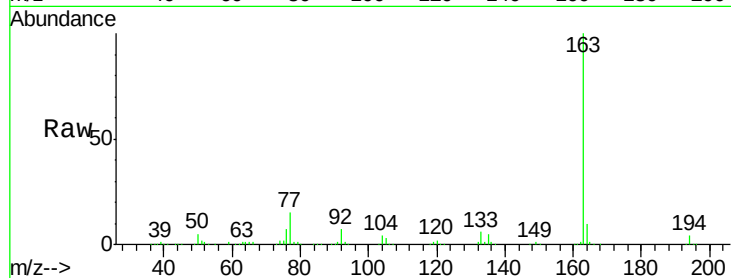
Tgt Ion:163 Resp: 1160253

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

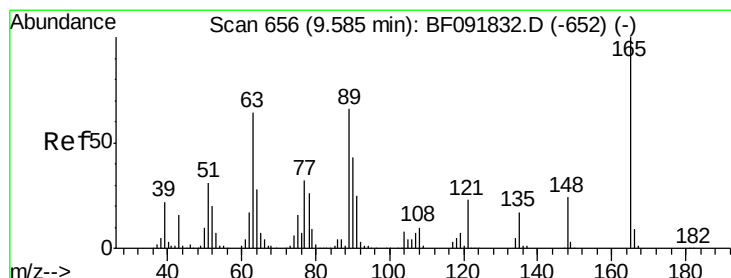
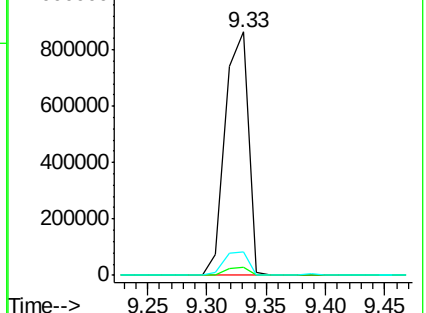
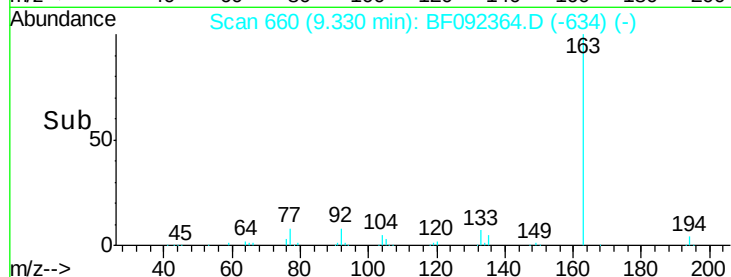
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.48 ng

RT: 9.39 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

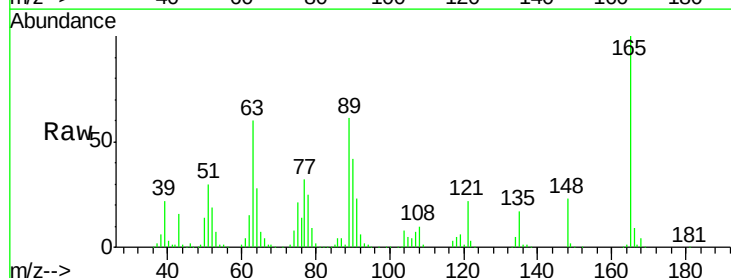
Tgt Ion:165 Resp: 221485

Ion Ratio Lower Upper

165 100

63 60.4 36.2 54.4#

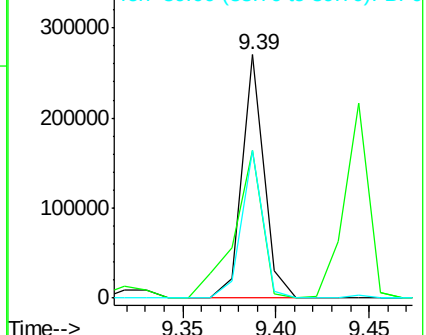
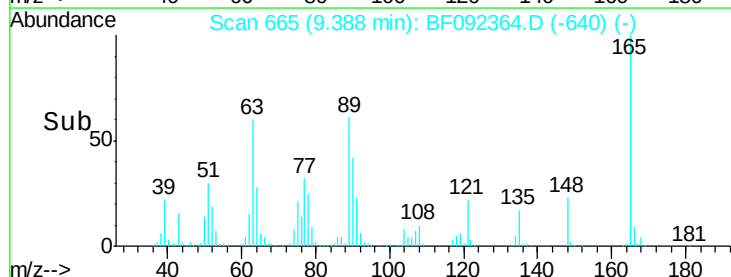
89 60.8 40.2 60.4#

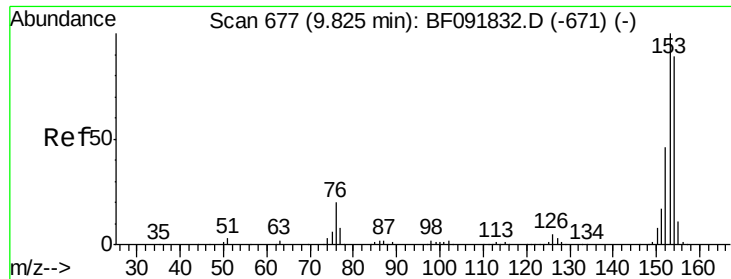


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.48 ng

RT: 9.62 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

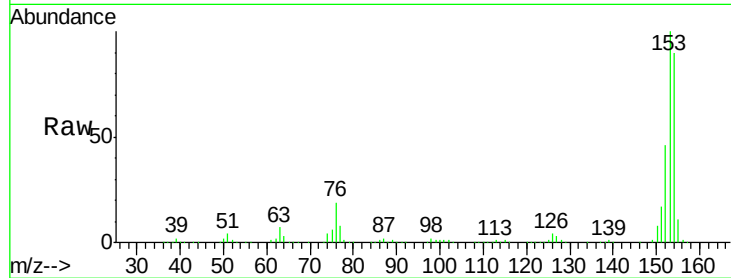
Tgt Ion:154 Resp: 870619

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

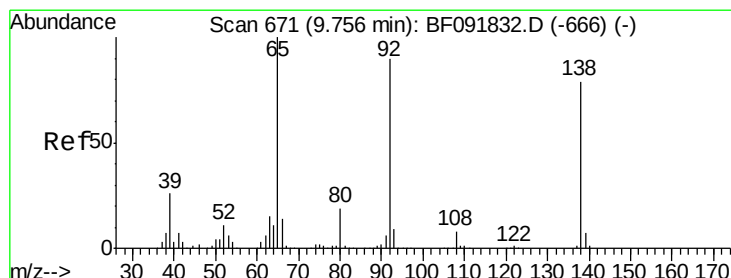
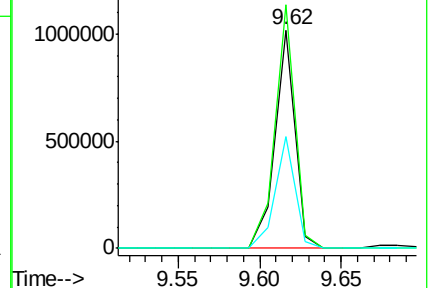
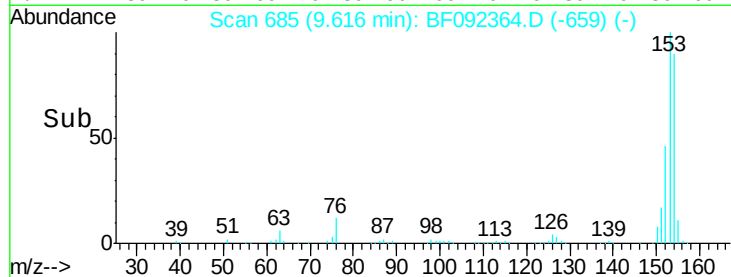
152 51.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.74 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

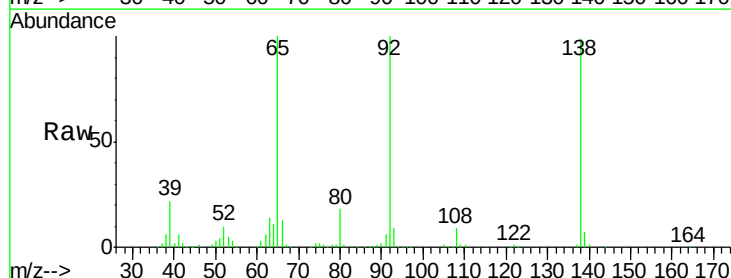
Tgt Ion:138 Resp: 327198

Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

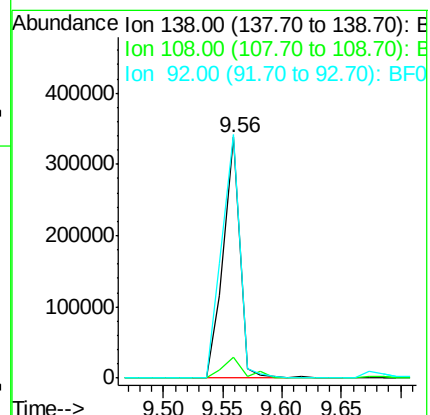
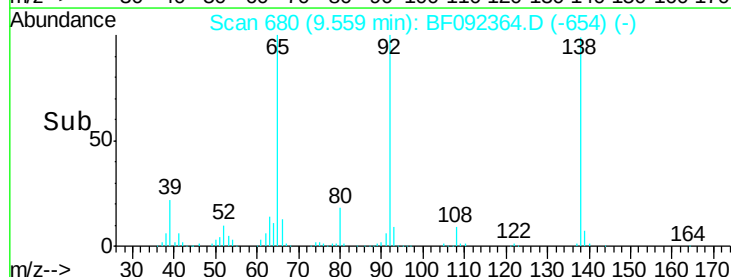
92 101.0 97.8 146.8

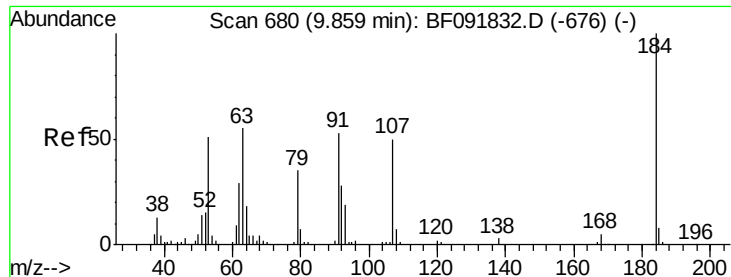


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

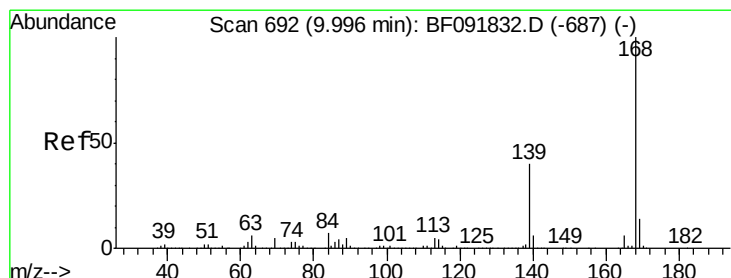
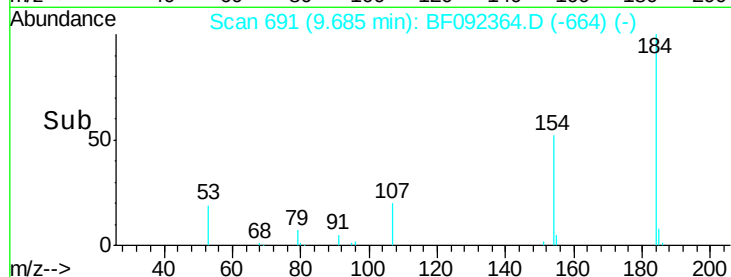
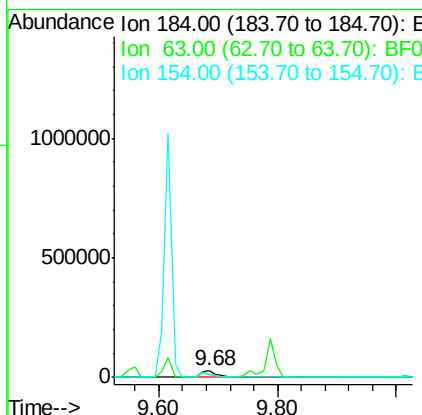
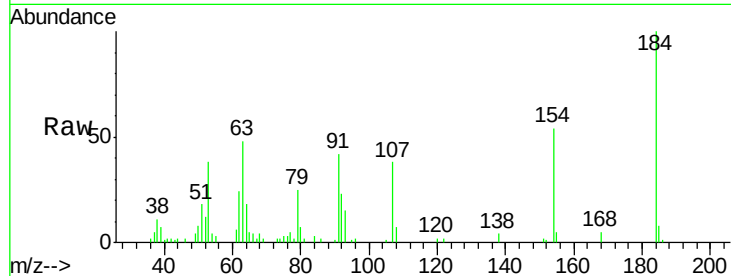




#53
 2,4-Dinitrophenol
 Concen: 18.88 ng
 RT: 9.68 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

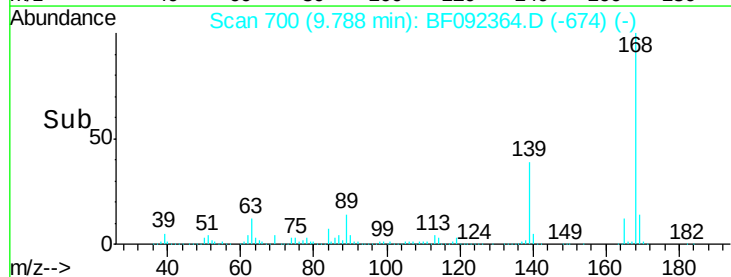
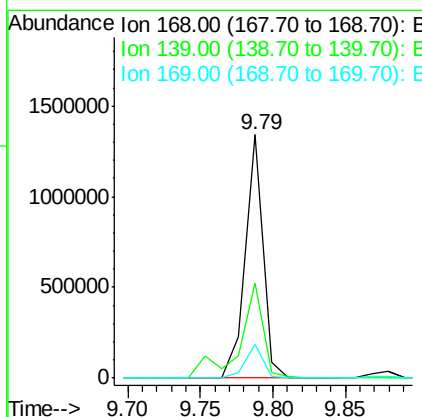
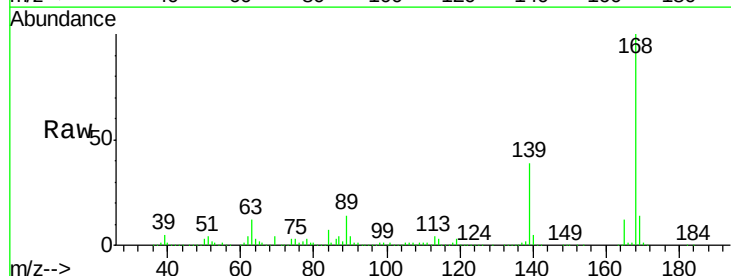
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

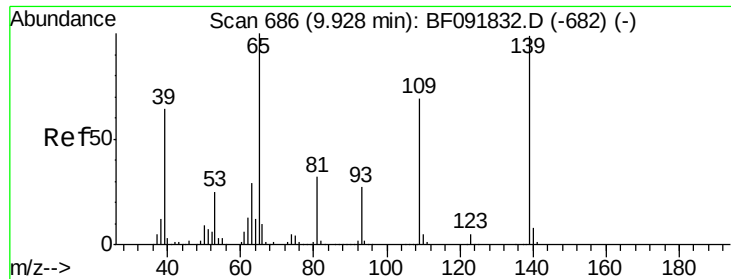
Tgt Ion:184 Resp: 62082
 Ion Ratio Lower Upper
 184 100
 63 47.8 28.4 42.6#
 154 54.3 44.3 66.5



#54
 Dibenzofuran
 Concen: 35.34 ng
 RT: 9.79 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion:168 Resp: 1138967
 Ion Ratio Lower Upper
 168 100
 139 39.2 32.6 49.0
 169 13.9 11.3 16.9

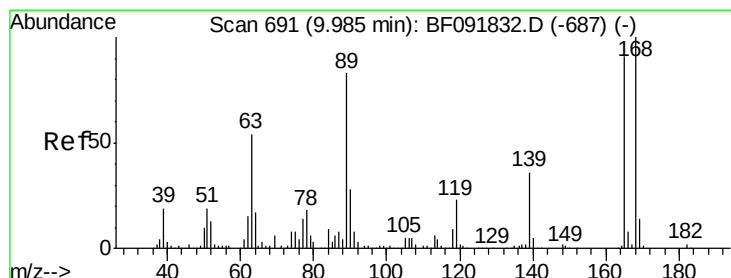
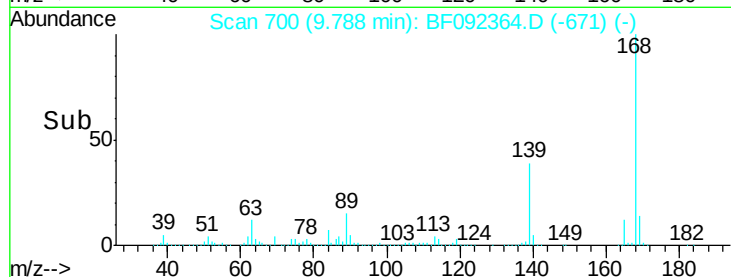
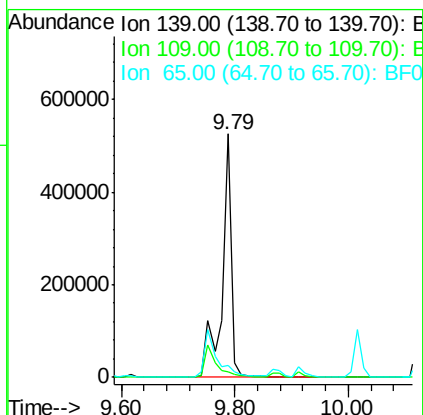
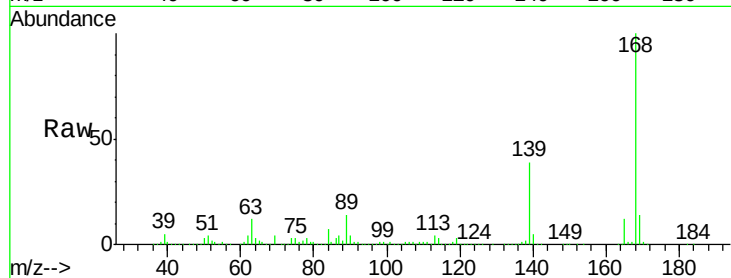




#55
4-Nitrophenol
Concen: 123.17 ng
RT: 9.79 min Scan# 700
Delta R.T. 0.03 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

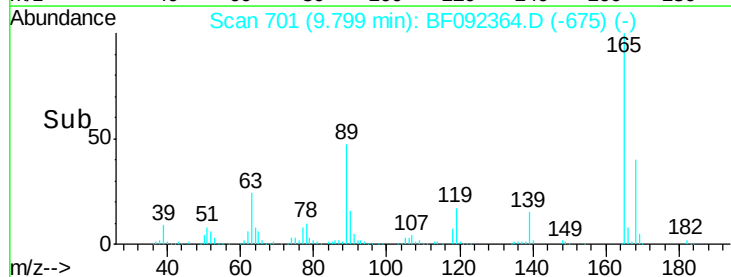
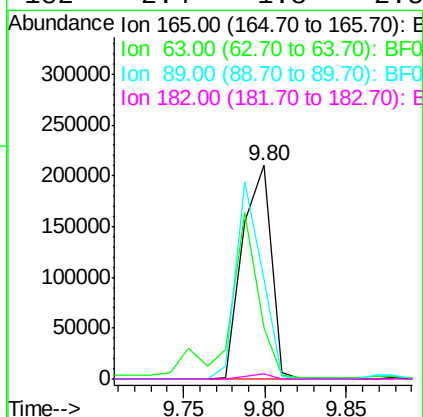
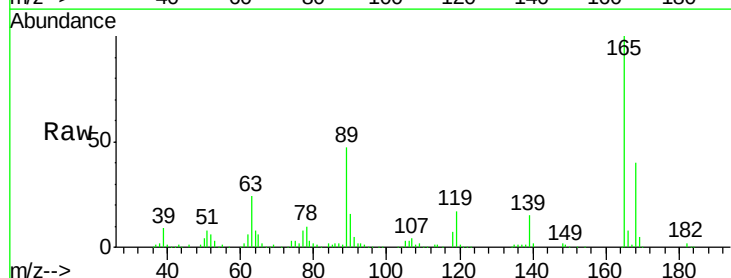
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

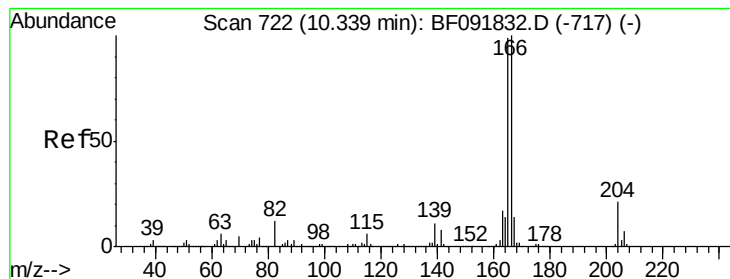
Tgt Ion:139 Resp: 611615
Ion Ratio Lower Upper
139 100
109 2.1 52.2 92.2#
65 5.0 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 34.42 ng
RT: 9.80 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:165 Resp: 255303
Ion Ratio Lower Upper
165 100
63 24.0 40.2 60.4#
89 46.7 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 38.21 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

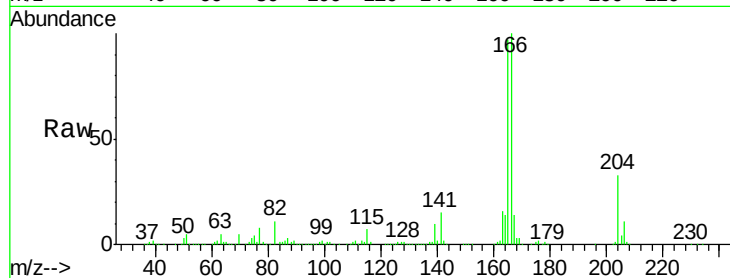
Tgt Ion:166 Resp: 896032

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.8

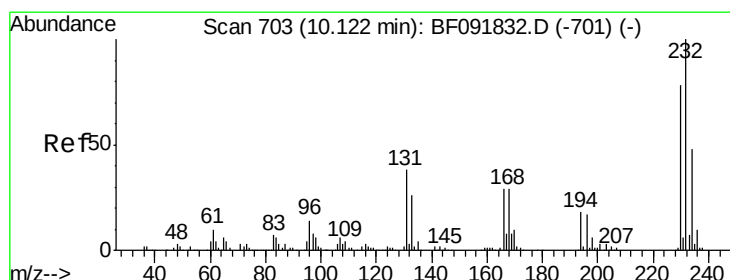
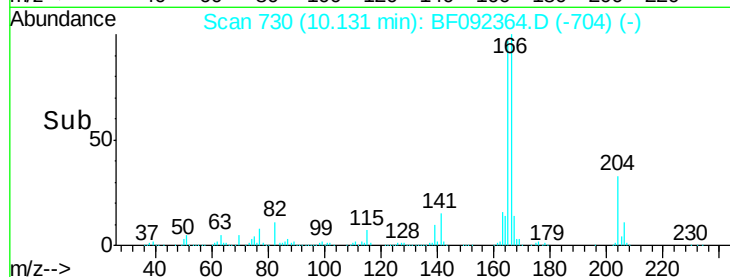
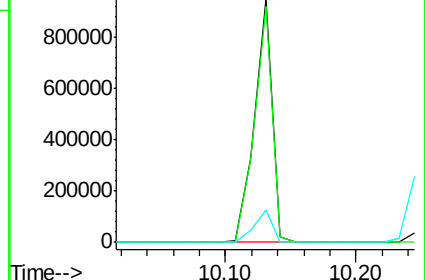
167 13.5 10.8 16.2



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: 34.14 ng

RT: 9.92 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Tgt Ion:232 Resp: 207296

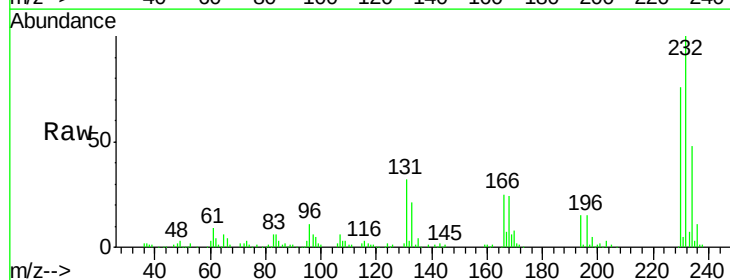
Ion Ratio Lower Upper

232 100

131 47.5 40.1 60.1

130 1.9 1.8 2.8

166 29.9 26.6 39.8

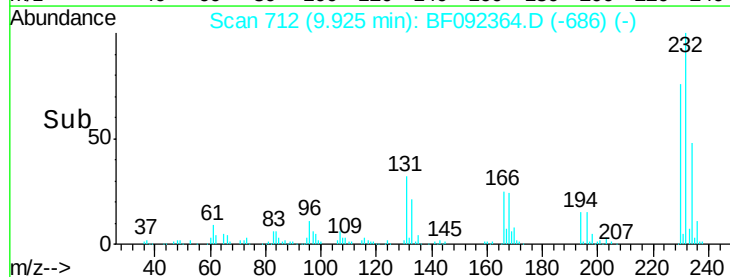
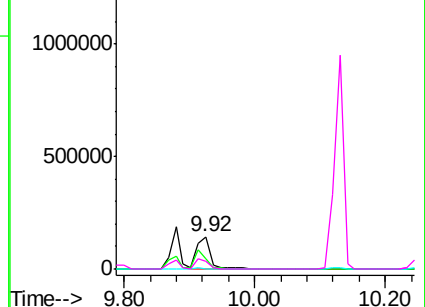


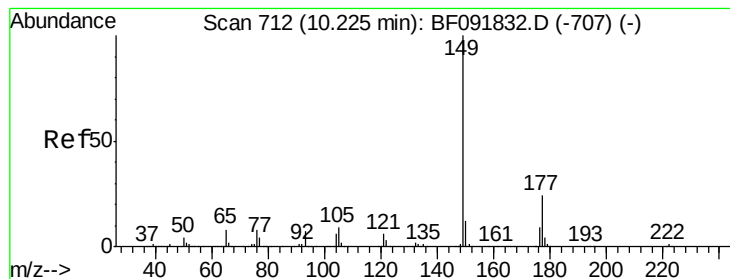
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.42 ng

RT: 10.02 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

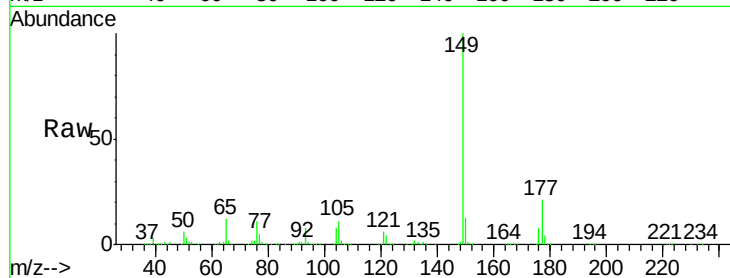
Tgt Ion:149 Resp: 955090

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

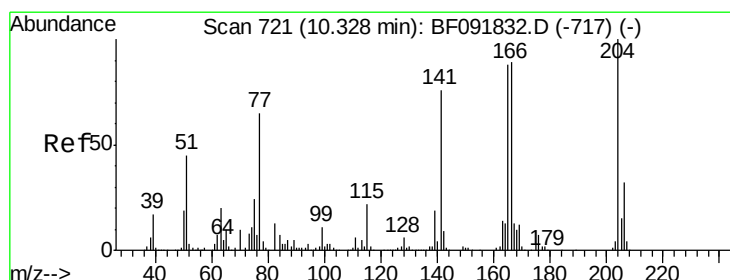
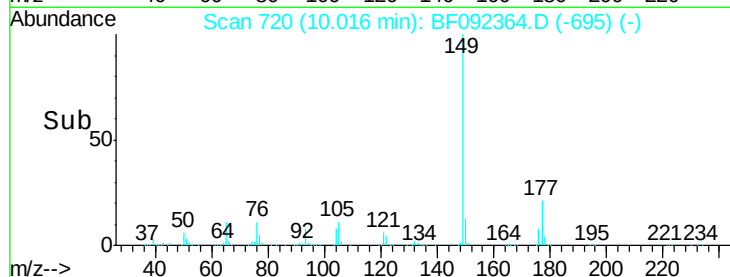
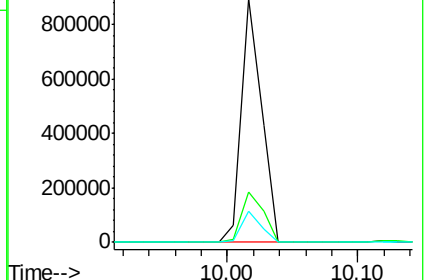
150 12.8 10.4 15.6



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: 38.84 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

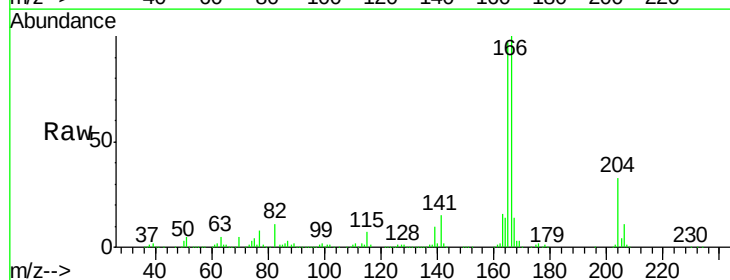
Tgt Ion:204 Resp: 398805

Ion Ratio Lower Upper

204 100

206 32.2 25.8 38.6

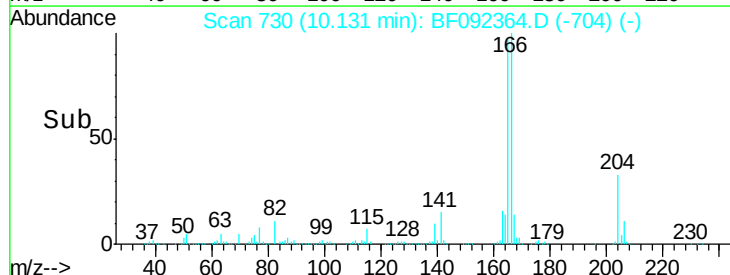
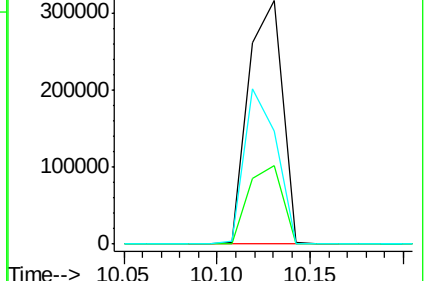
141 46.3 59.4 89.0#

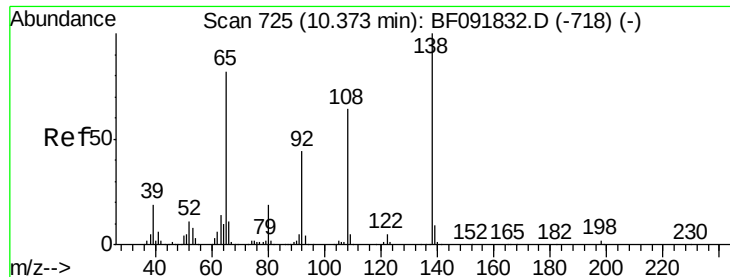


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

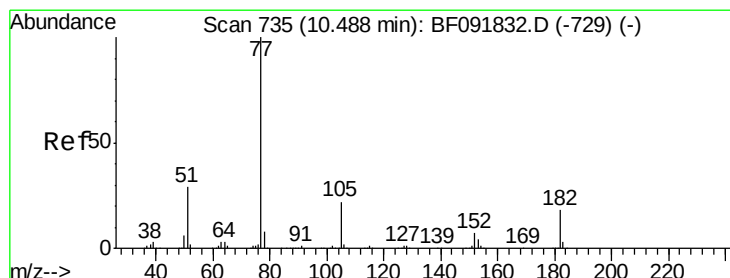
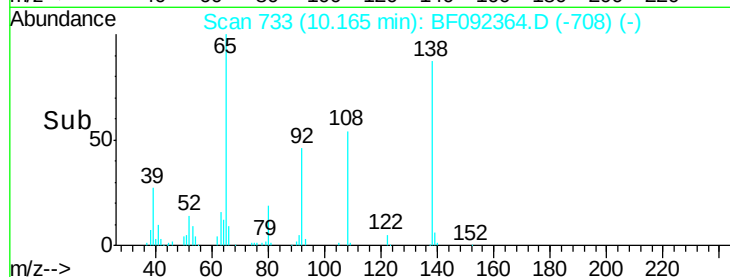
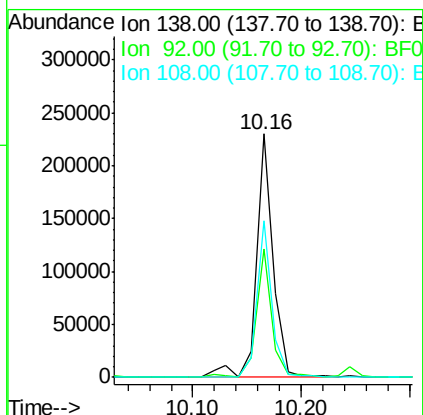
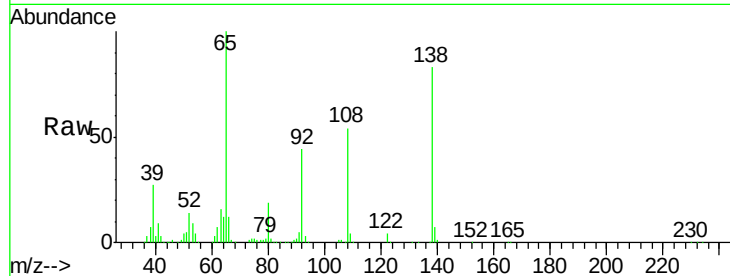




#61
4-Nitroaniline
Concen: 32.79 ng
RT: 10.16 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

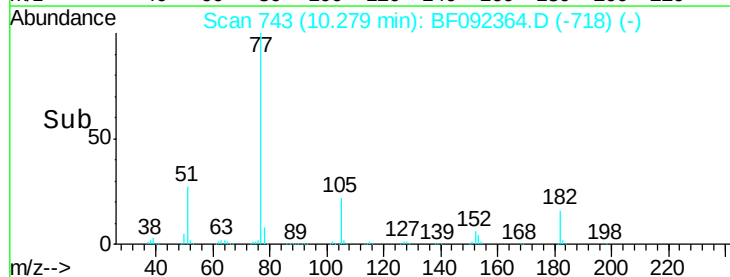
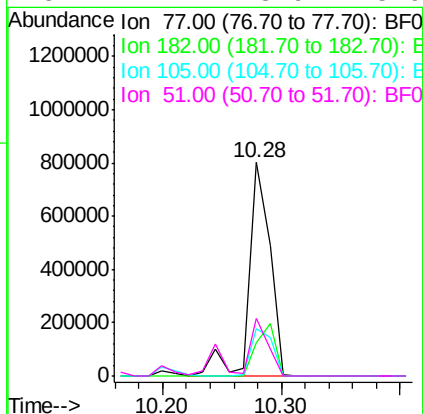
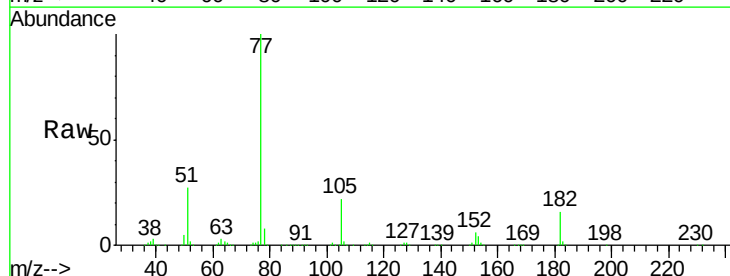
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

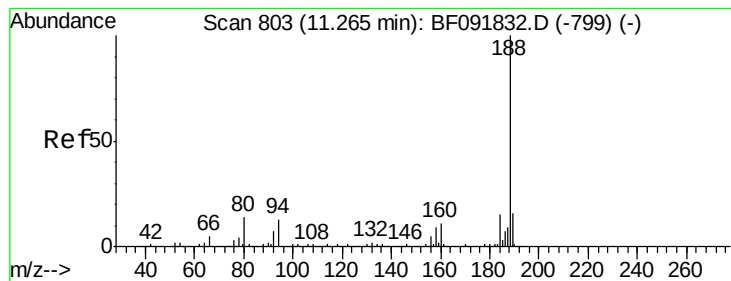
Tgt Ion: 138 Resp: 248481
Ion Ratio Lower Upper
138 100
92 52.9 31.7 71.7
108 64.6 52.6 92.6



#62
Azobenzene
Concen: 34.49 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion: 77 Resp: 995712
Ion Ratio Lower Upper
77 100
182 15.6 0.0 39.3
105 22.4 2.3 42.3
51 27.2 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

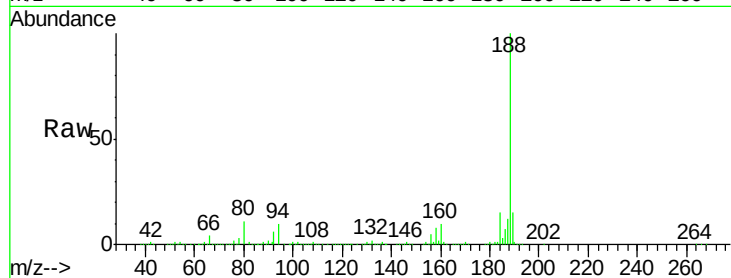
Tgt Ion:188 Resp: 566045

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

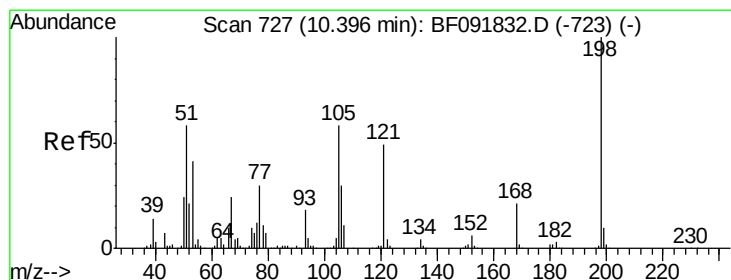
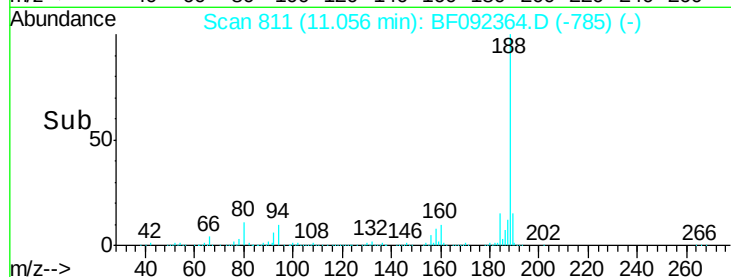
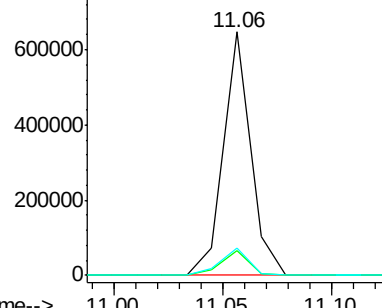
80 11.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 24.63 ng

RT: 10.21 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

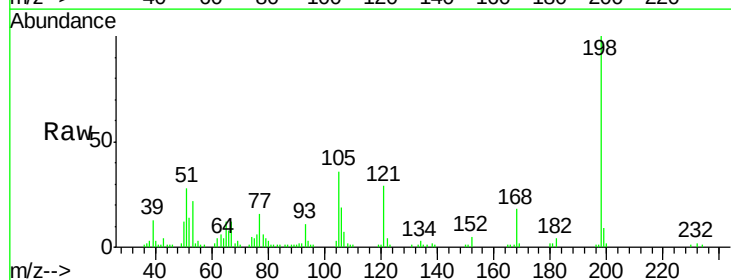
Tgt Ion:198 Resp: 84321

Ion Ratio Lower Upper

198 100

51 28.0 6.7 46.7

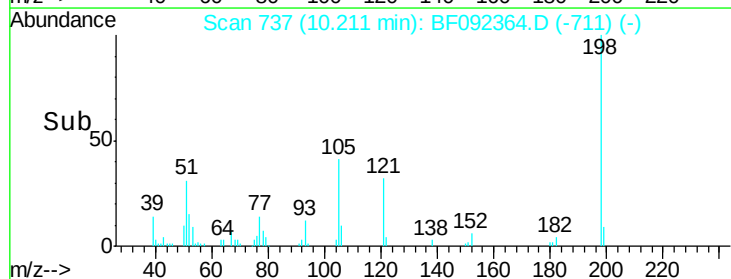
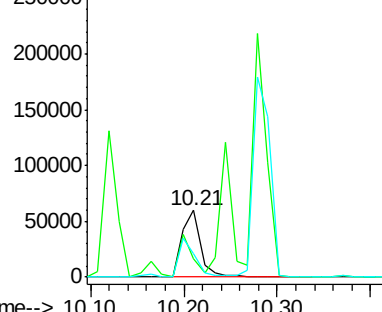
105 35.5 16.6 56.6

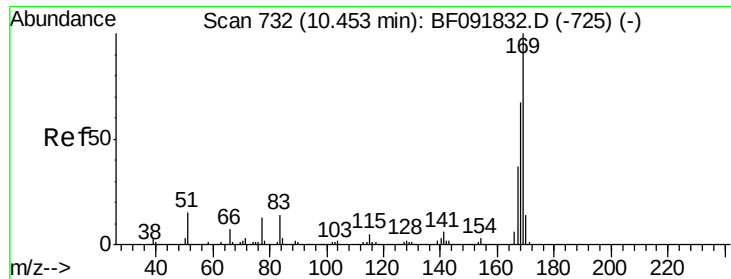


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.02 ng

RT: 10.24 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

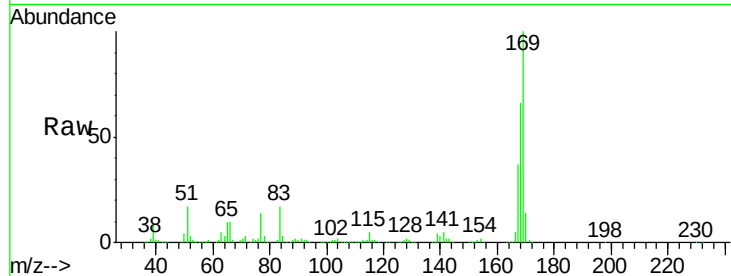
Tgt Ion:169 Resp: 722640

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.2

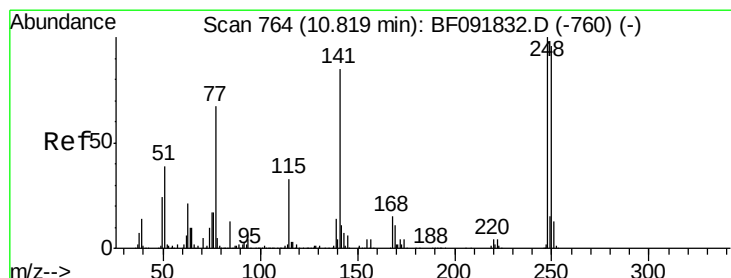
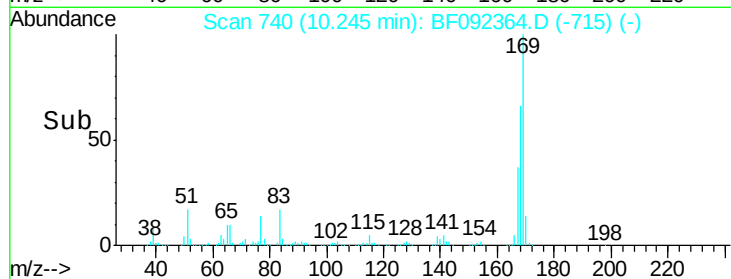
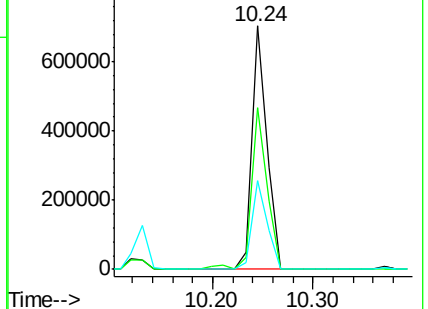
167 36.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.28 ng

RT: 10.61 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

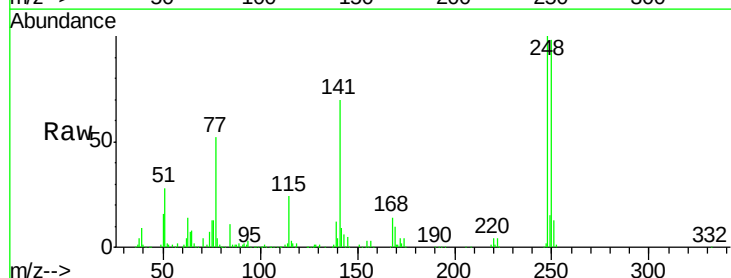
Tgt Ion:248 Resp: 254856

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

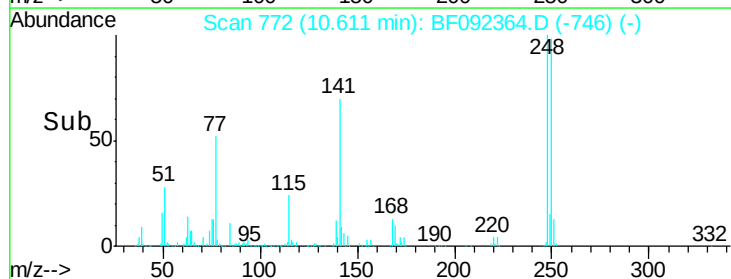
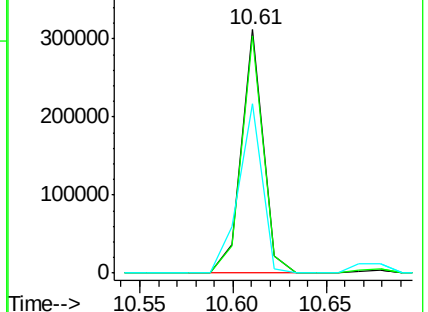
141 69.6 68.2 102.4

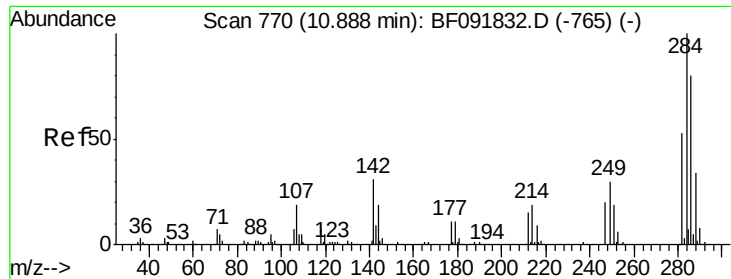


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

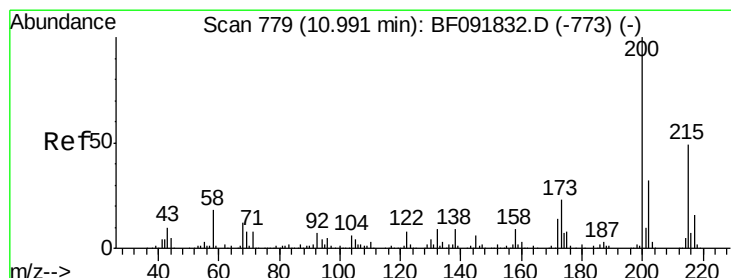
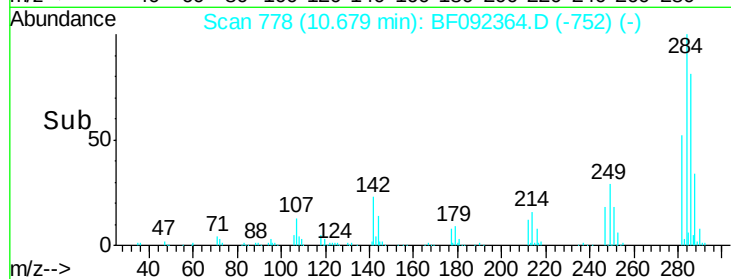
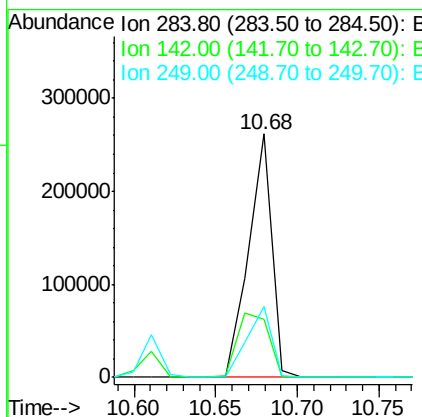
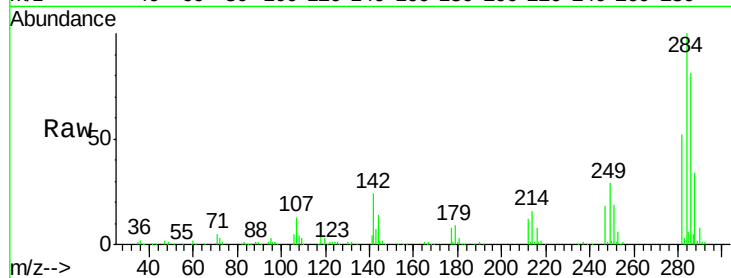




#67
Hexachlorobenzene
Concen: 41.08 ng
RT: 10.68 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

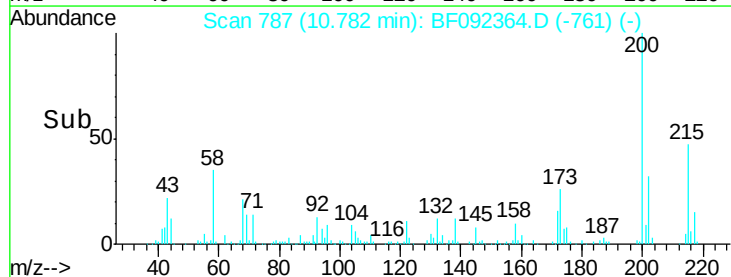
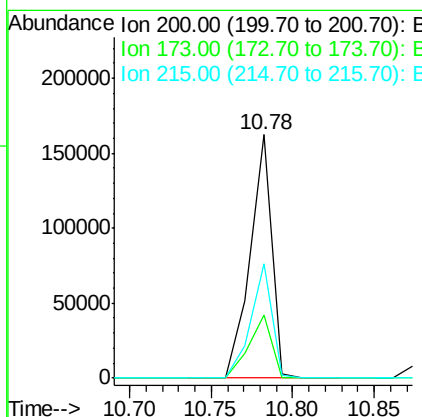
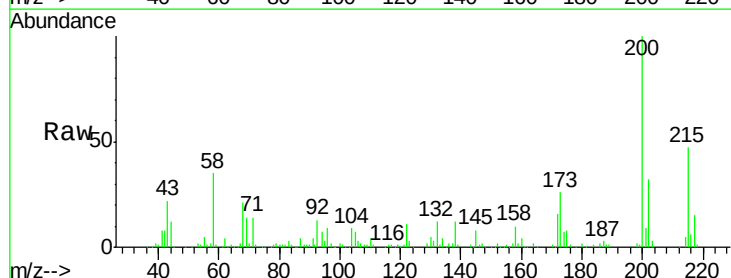
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

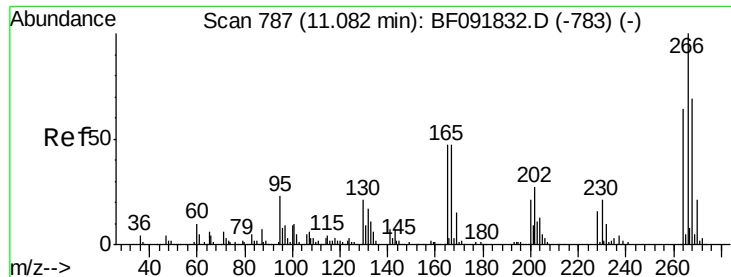
Tgt Ion:284 Resp: 258518
Ion Ratio Lower Upper
284 100
142 23.9 22.6 33.8
249 29.0 25.4 38.0



#68
Atrazine
Concen: 27.53 ng
RT: 10.78 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:200 Resp: 149140
Ion Ratio Lower Upper
200 100
173 26.2 9.6 49.6
215 47.0 25.7 65.7

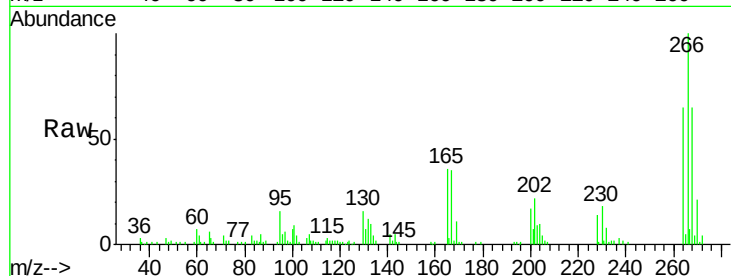




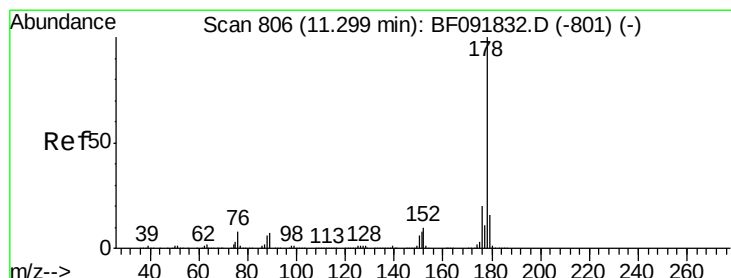
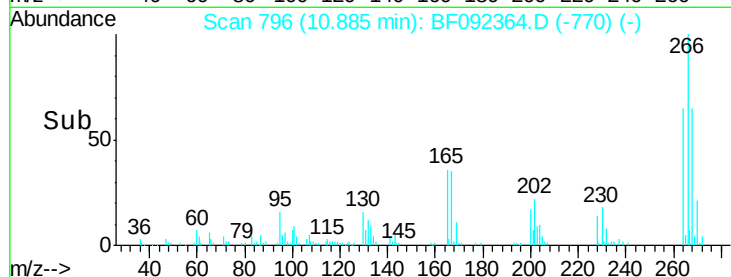
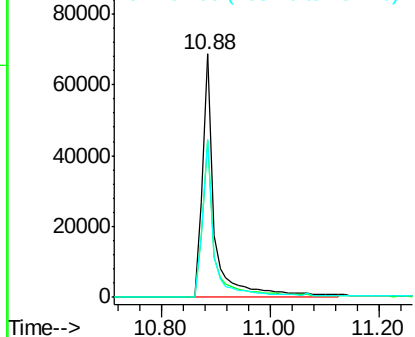
#69
 Pentachlorophenol
 Concen: 35.16 ng
 RT: 10.88 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 108588
 Ion Ratio Lower Upper
 266 100
 268 64.5 53.3 79.9
 264 64.7 50.3 75.5

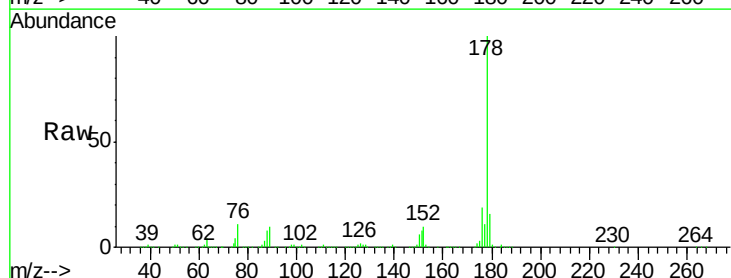


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

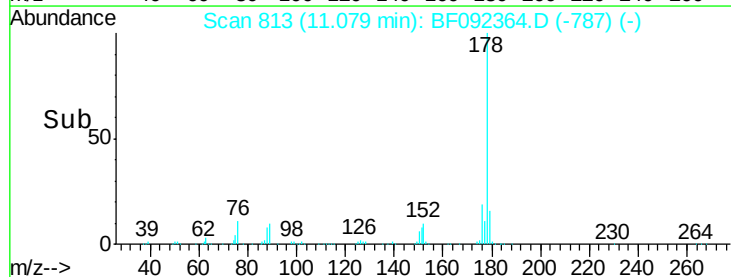
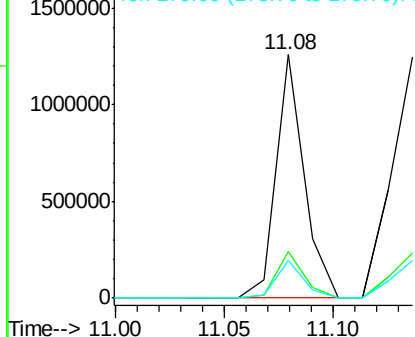


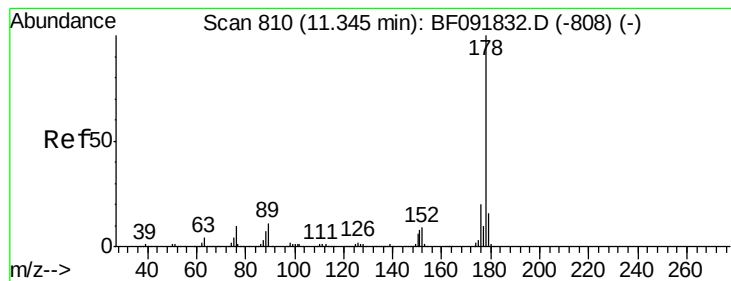
#70
 Phenanthrene
 Concen: 37.16 ng
 RT: 11.08 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion:178 Resp: 1140666
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.6 25.0
 179 15.7 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: 47.99 ng

RT: 11.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

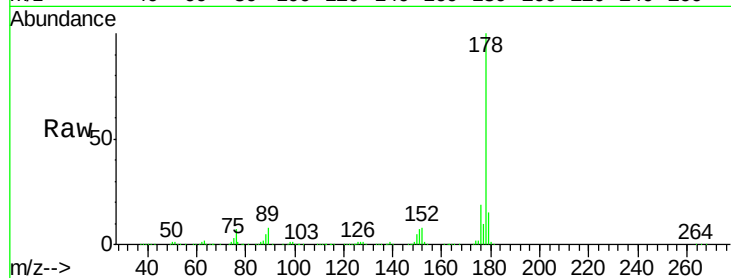
Tgt Ion:178 Resp: 1276294

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

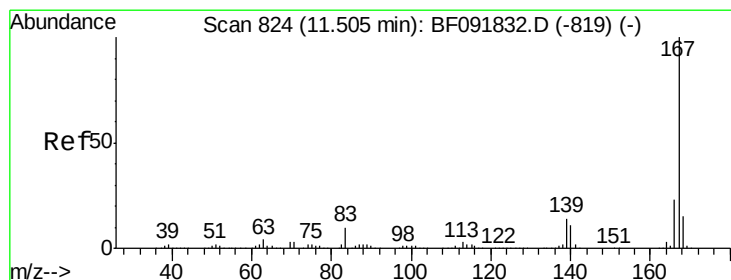
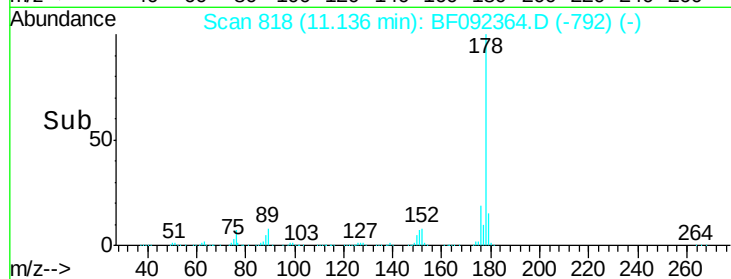
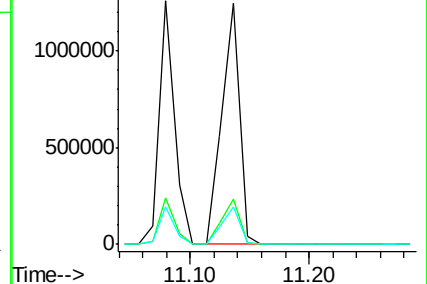
179 15.5 13.2 19.8



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: 44.23 ng

RT: 11.30 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

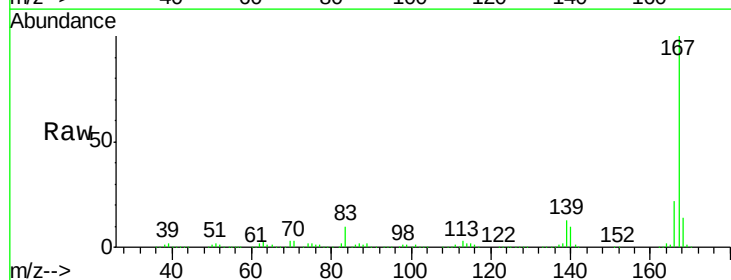
Tgt Ion:167 Resp: 1126567

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

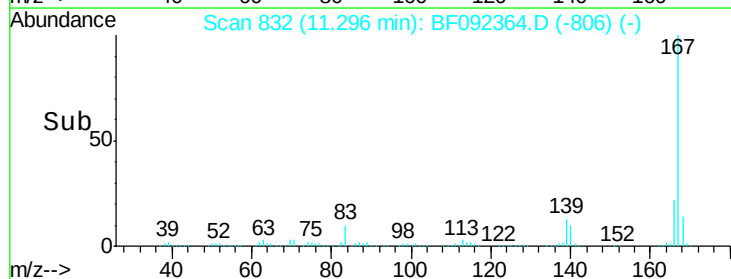
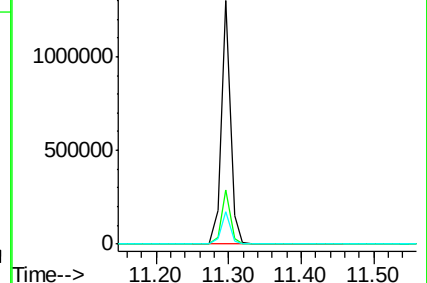
139 13.3 11.4 17.2

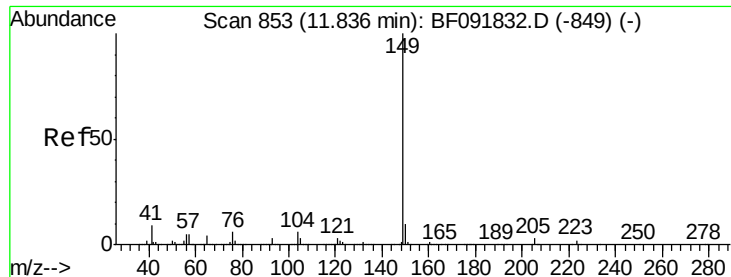


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.40 ng

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

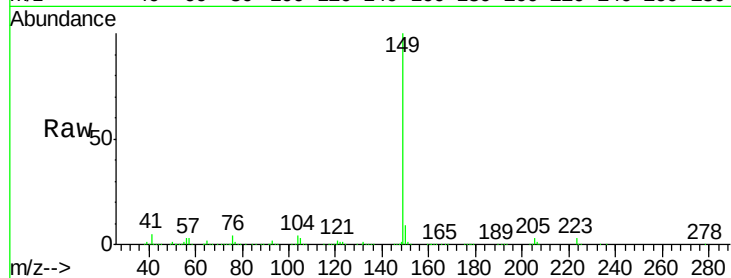
Tgt Ion:149 Resp: 1425127

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

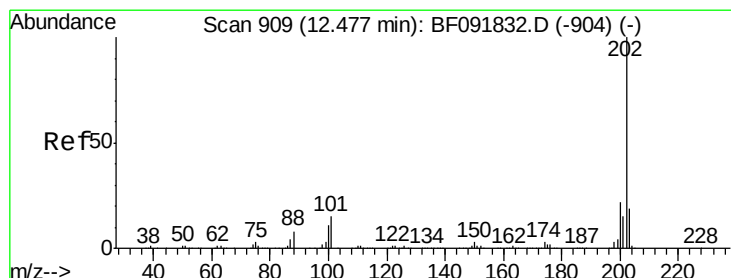
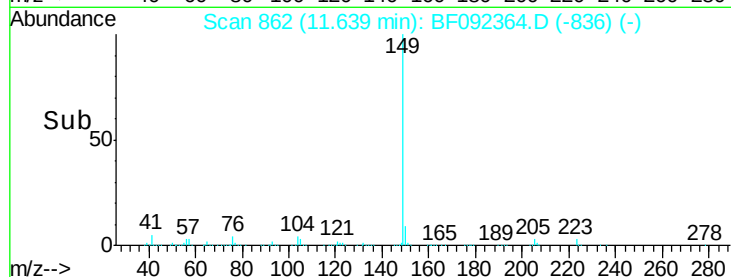
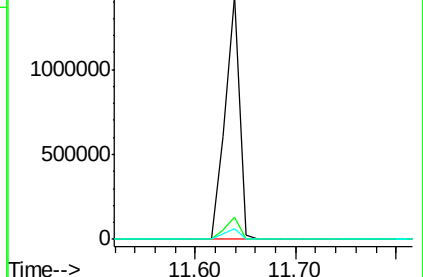
104 4.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.56 ng

RT: 12.27 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

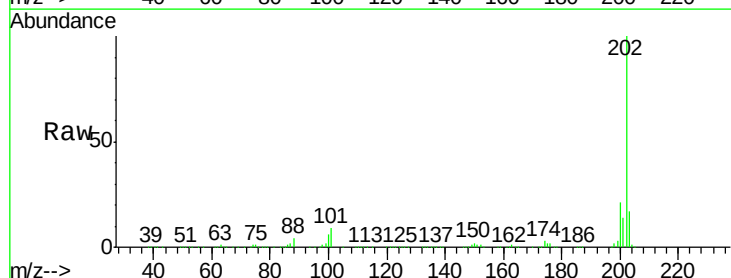
Tgt Ion:202 Resp: 1324124

Ion Ratio Lower Upper

202 100

101 8.6 0.0 34.6

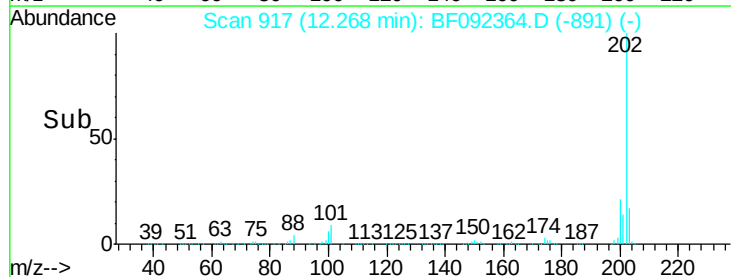
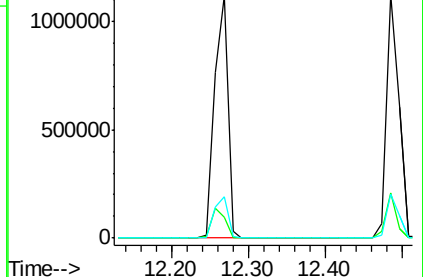
203 17.4 0.0 38.7

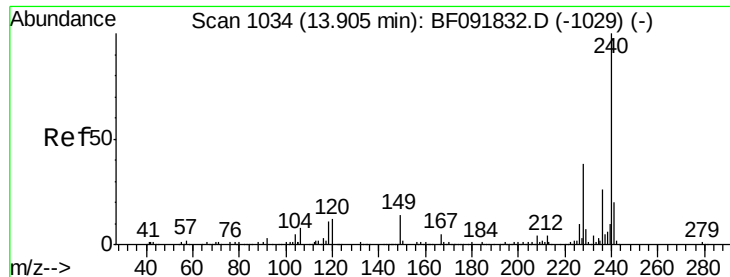


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

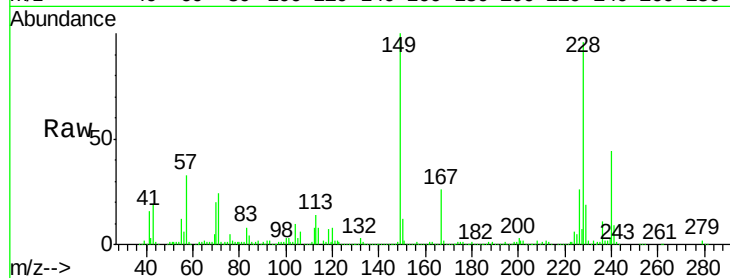
Tgt Ion:240 Resp: 466916

Ion Ratio Lower Upper

240 100

120 18.5 12.9 19.3

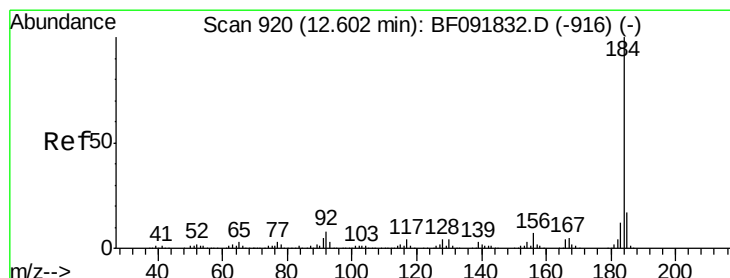
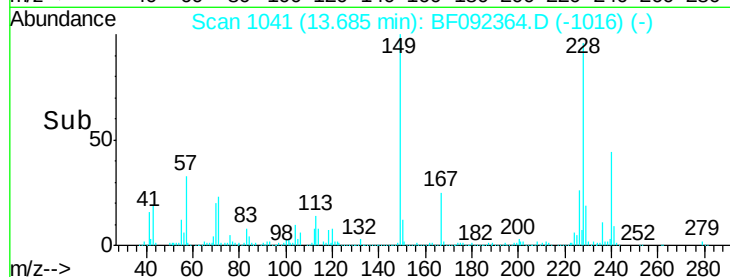
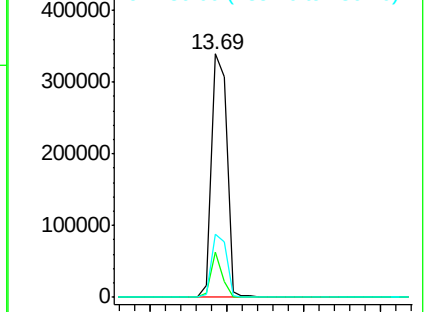
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.08 ng

RT: 12.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

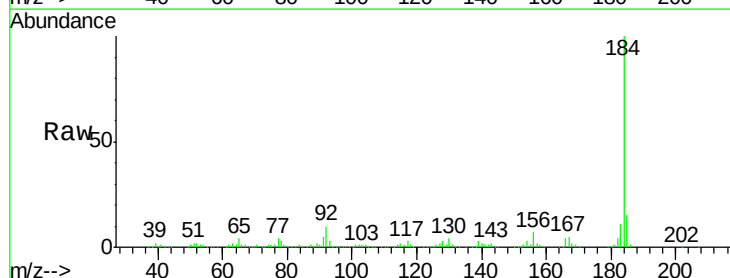
Tgt Ion:184 Resp: 562543

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

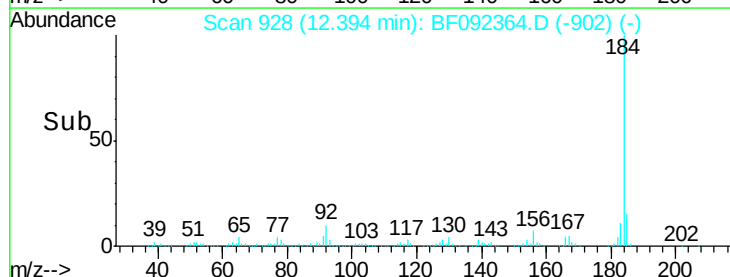
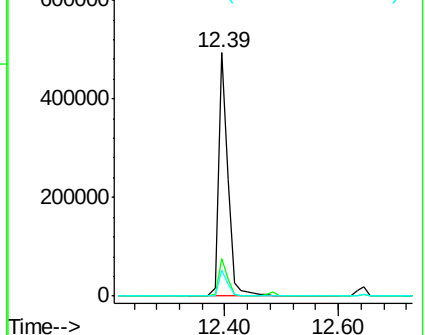
183 10.8 9.2 13.8

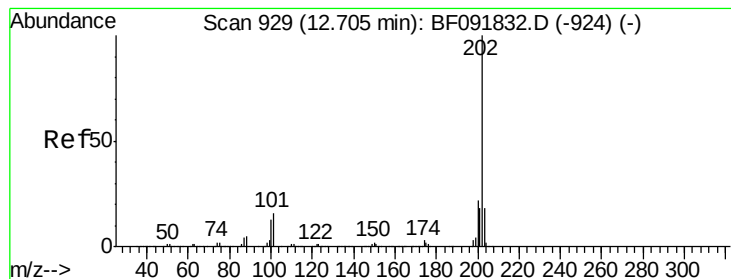


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.42 ng

RT: 12.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

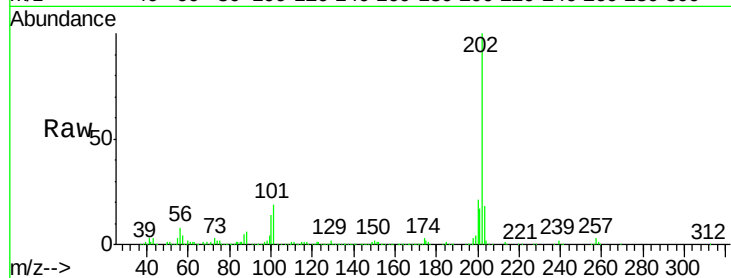
Tgt Ion:202 Resp: 1247720

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

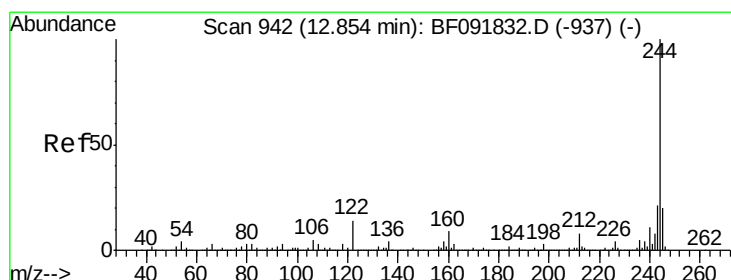
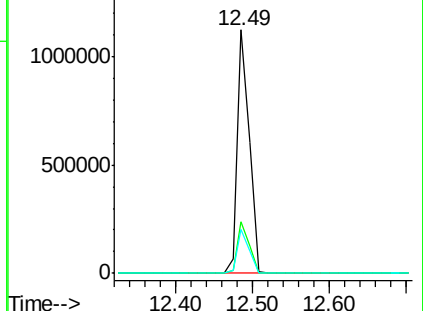
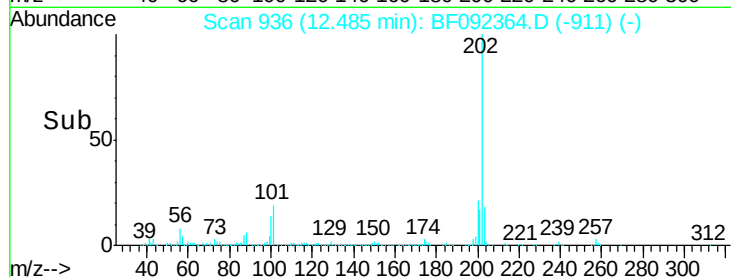
203 18.2 14.7 22.1



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: 78.71 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

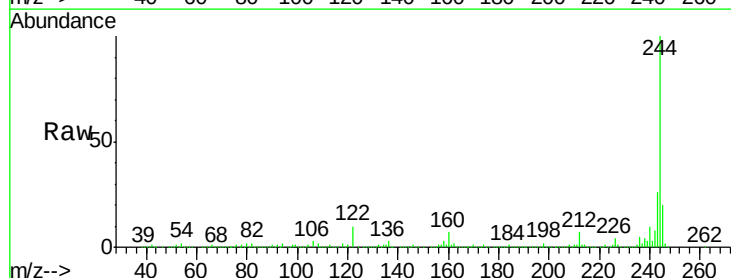
Tgt Ion:244 Resp: 1515393

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

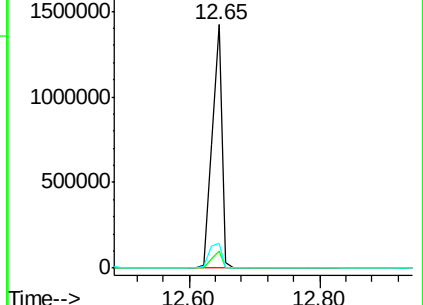
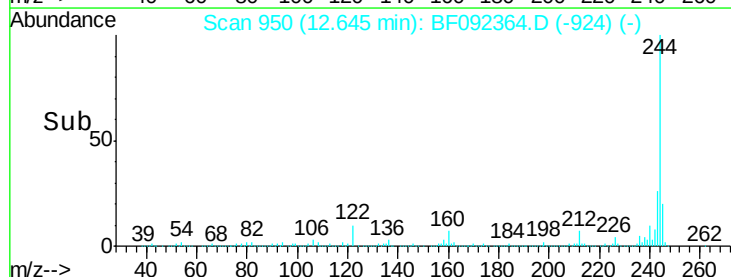
122 10.2 11.4 17.2

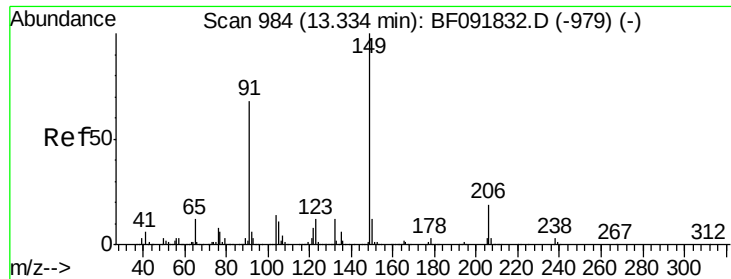


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

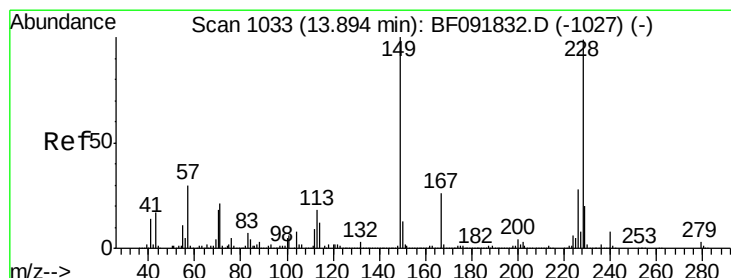
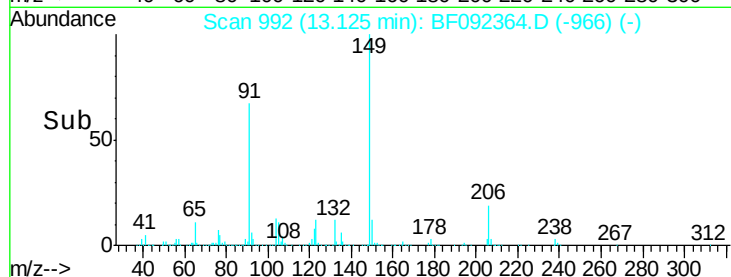
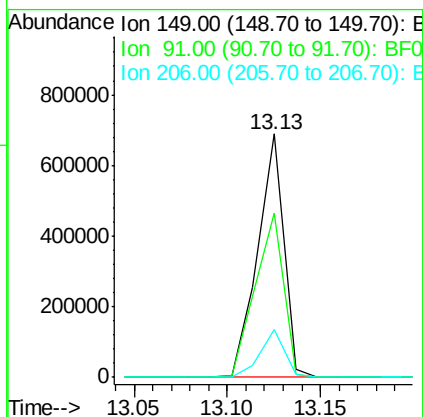
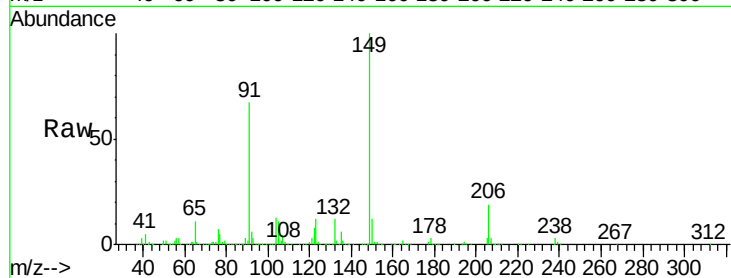




#79
Butylbenzylphthalate
Concen: 42.77 ng
RT: 13.13 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

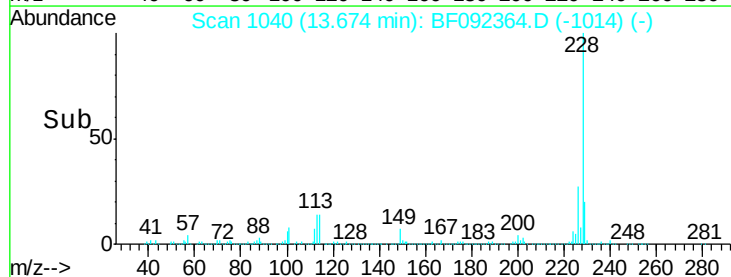
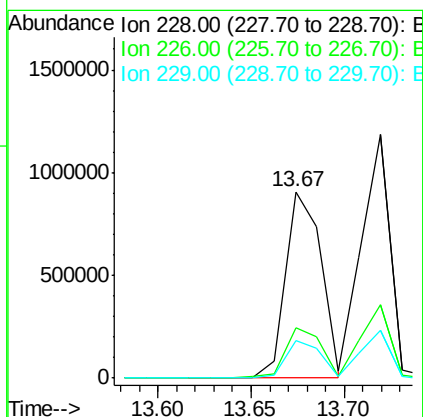
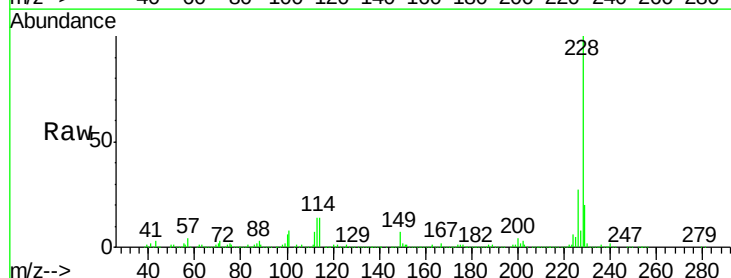
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

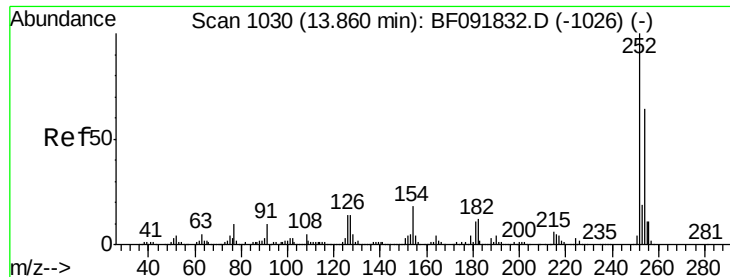
Tgt Ion:149 Resp: 666318
Ion Ratio Lower Upper
149 100
91 67.2 63.9 95.9
206 19.4 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.77 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092364.D
Acq: 18 Jan 2017 21:23

Tgt Ion:228 Resp: 1206216
Ion Ratio Lower Upper
228 100
226 27.0 22.4 33.6
229 20.1 16.2 24.4

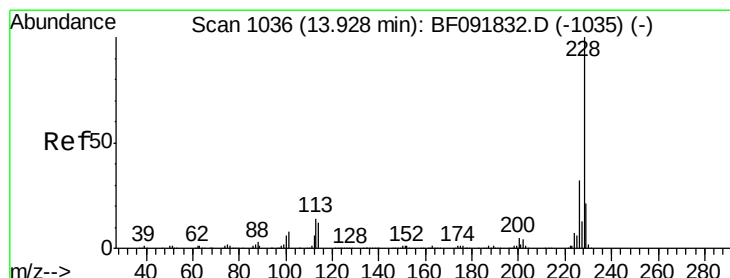
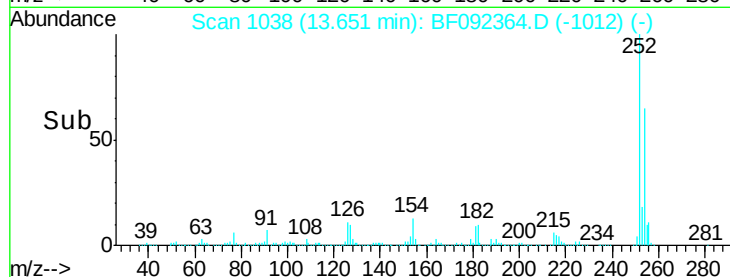
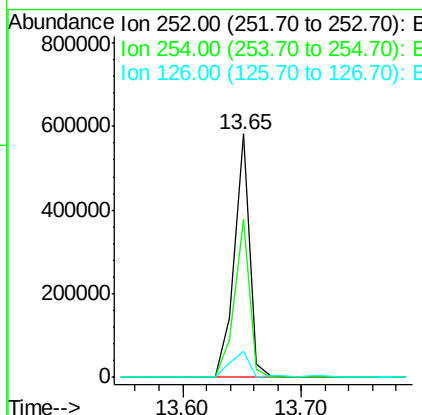
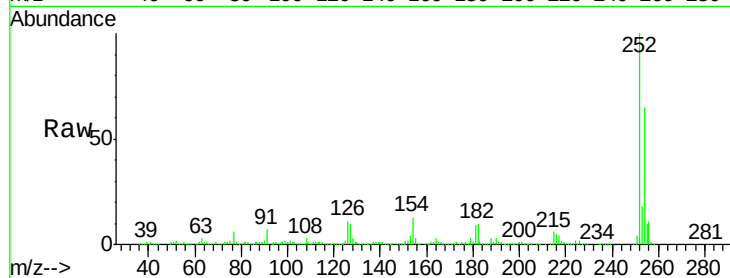




#81
 3,3'-Dichlorobenzidine
 Concen: 52.41 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

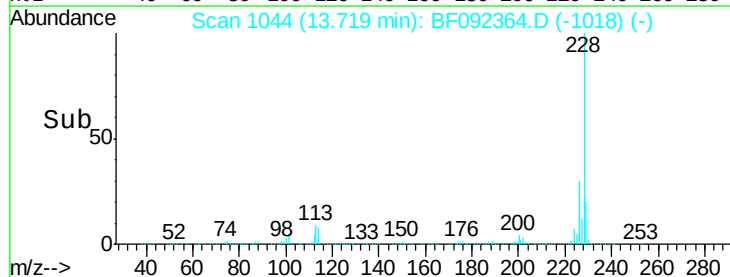
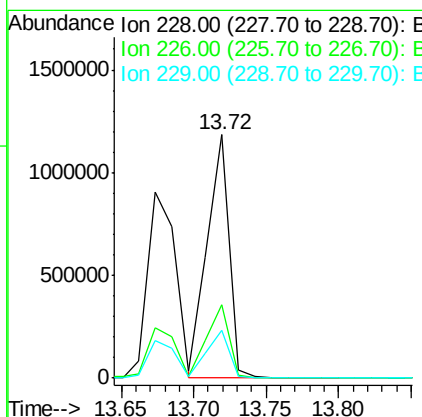
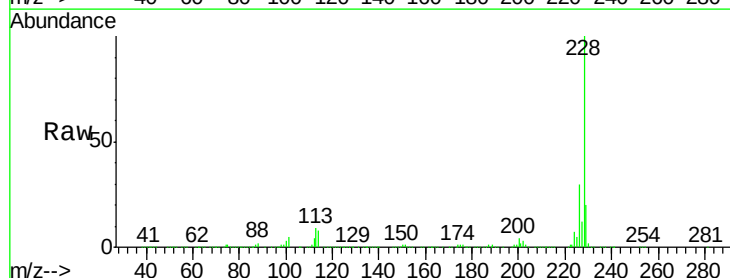
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

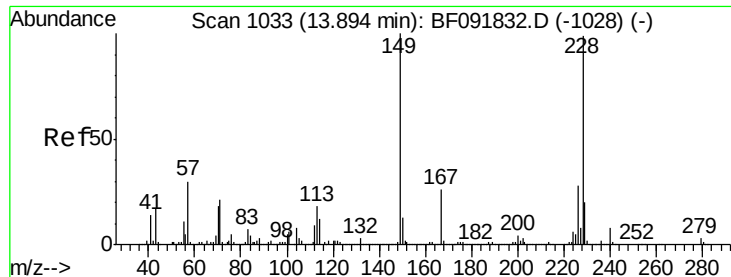
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	10.7	13.6	20.4



#82
 Chrysene
 Concen: 47.37 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	19.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.33 ng

RT: 13.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

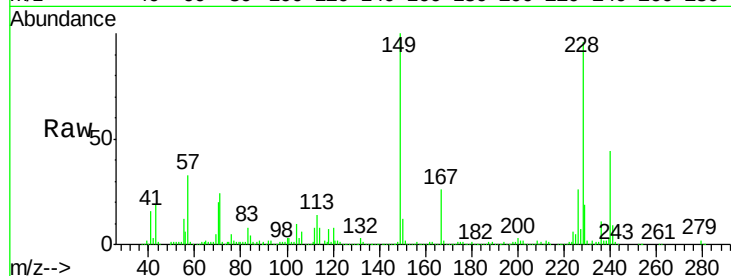
Tgt Ion:149 Resp: 795152

Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.4

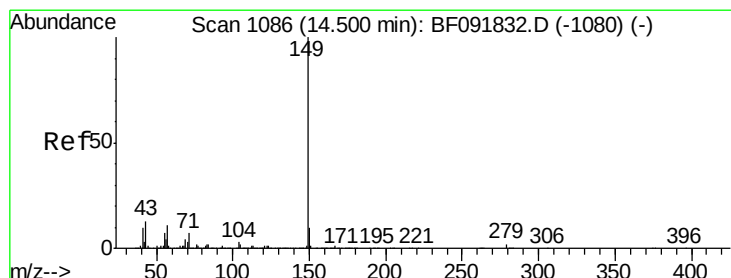
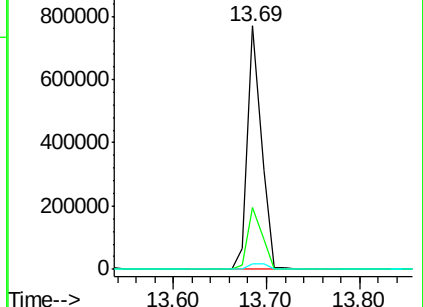
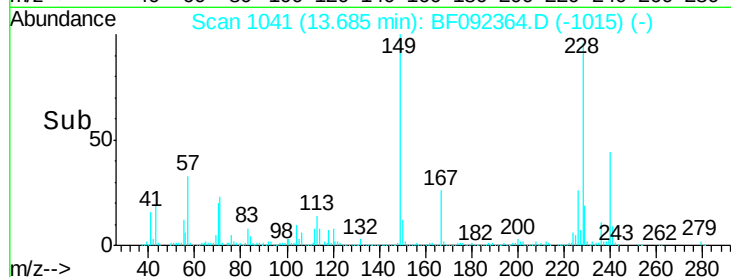
279 2.2 1.8 2.8



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: 48.75 ng

RT: 14.30 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

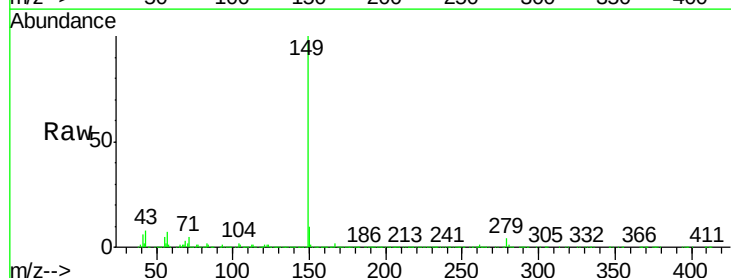
Tgt Ion:149 Resp: 1657137

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

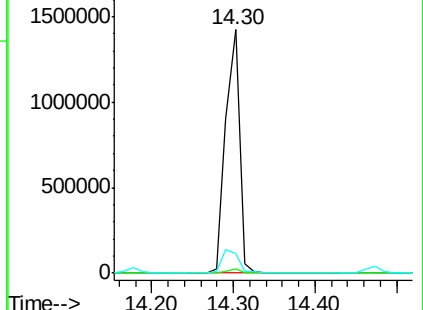
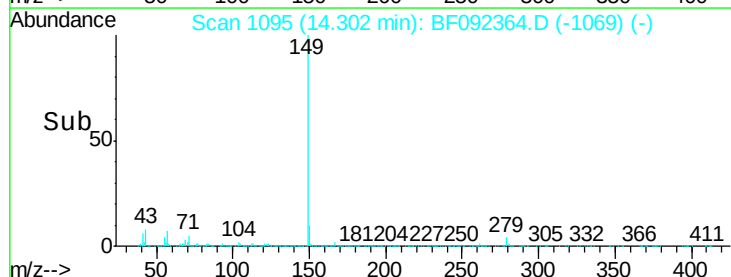
43 11.3 8.9 13.3

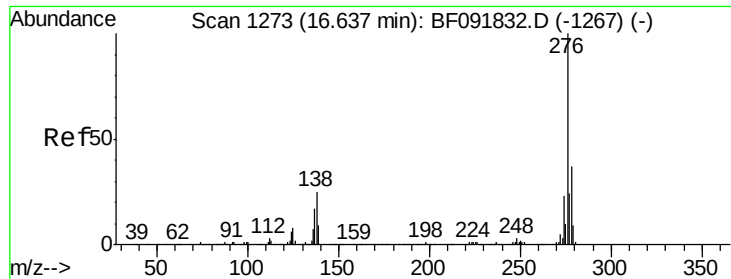


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

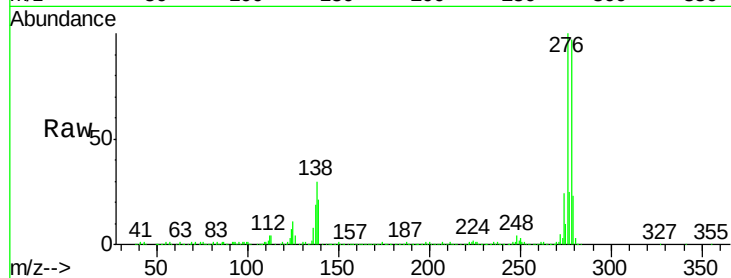




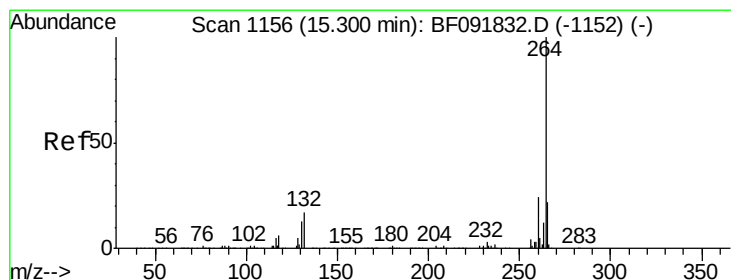
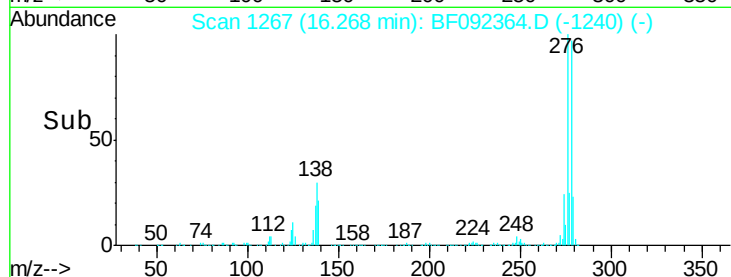
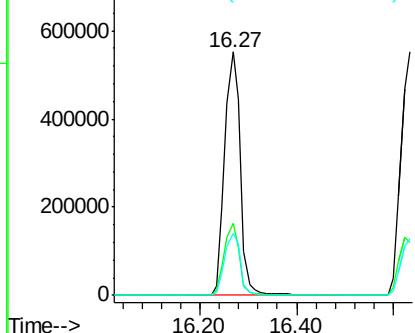
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.91 ng
 RT: 16.27 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 1257503
 Ion Ratio Lower Upper
 276 100
 138 28.5 21.8 32.6
 277 25.7 20.2 30.4

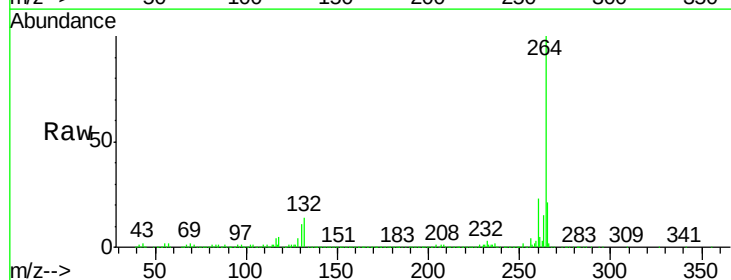


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

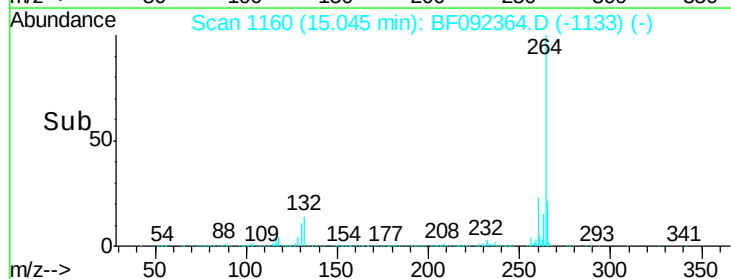
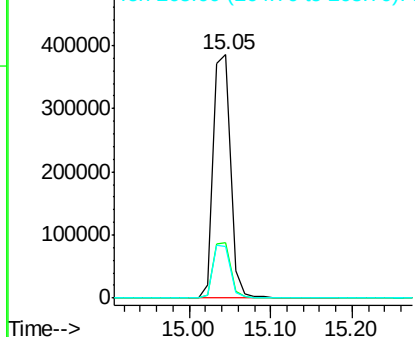


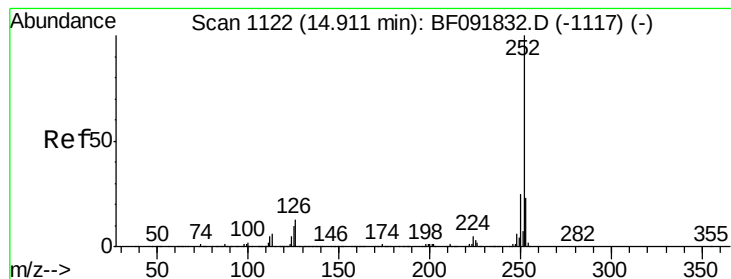
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF092364.D
 Acq: 18 Jan 2017 21:23

Tgt Ion: 264 Resp: 578046
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.0 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 67.67 ng

RT: 14.68 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

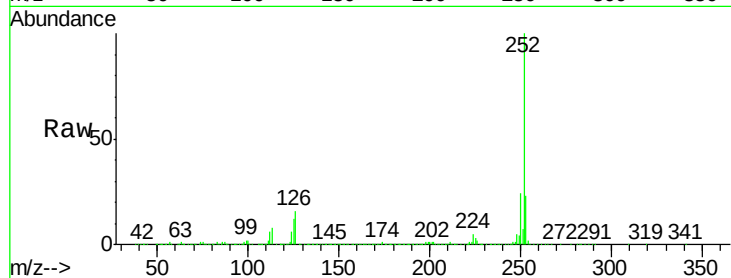
Tgt Ion:252 Resp: 2435261

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

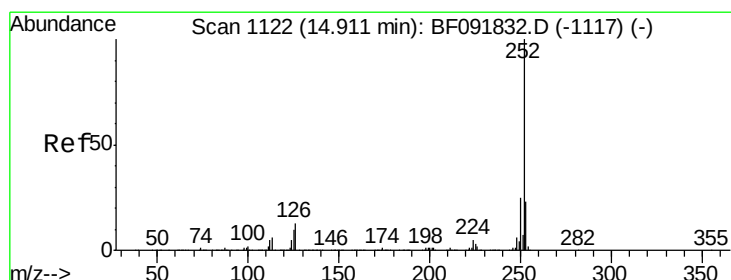
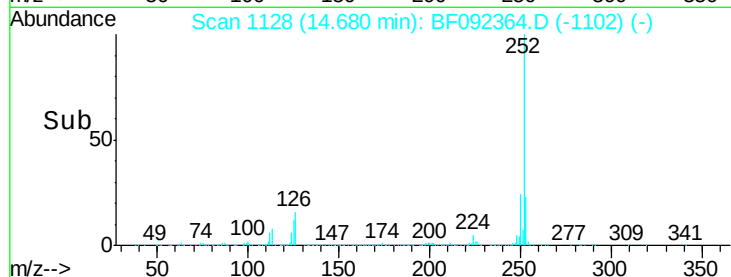
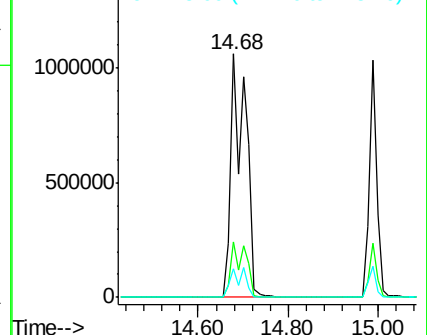
125 11.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.35 ng

RT: 14.68 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

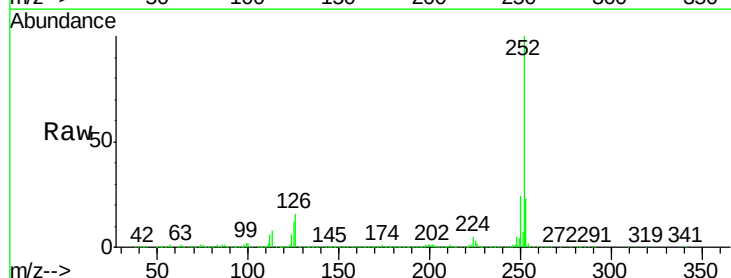
Tgt Ion:252 Resp: 2435261

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

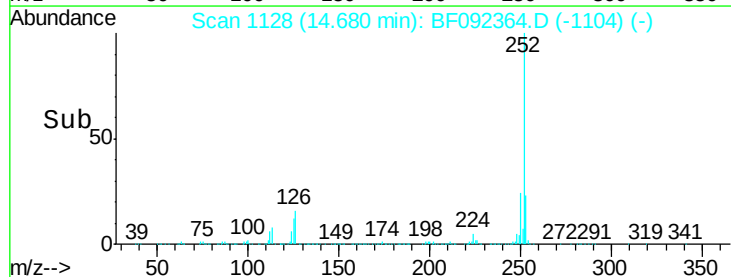
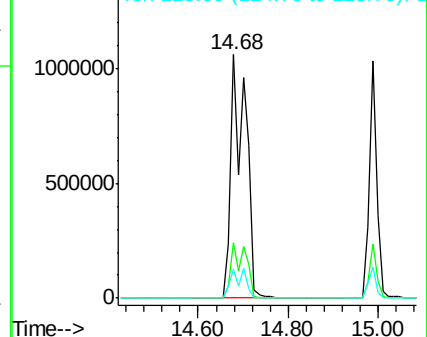
125 11.8 8.9 13.3

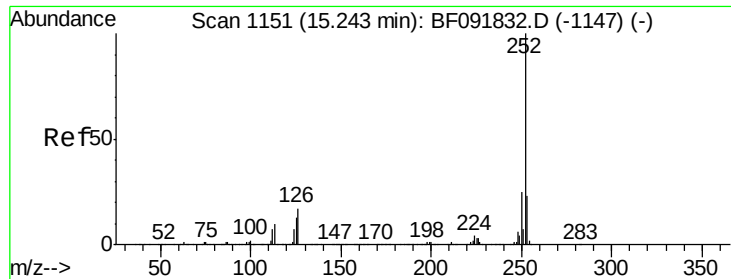


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.01 ng

RT: 14.99 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

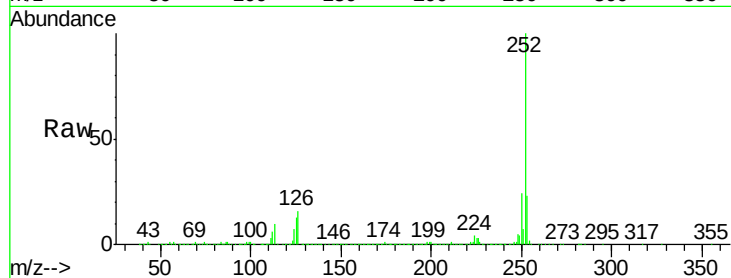
Tgt Ion:252 Resp: 1213985

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

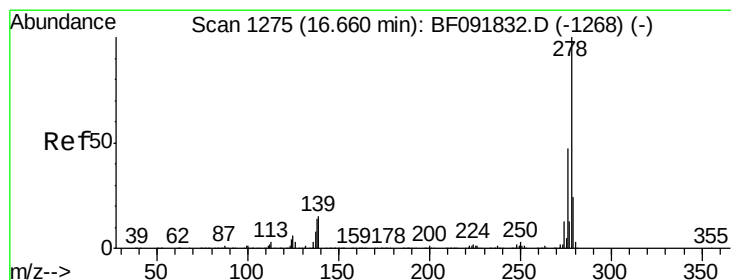
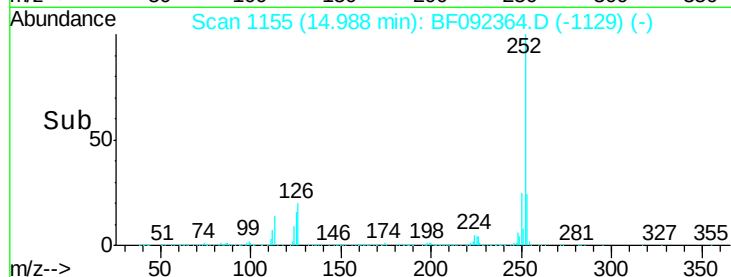
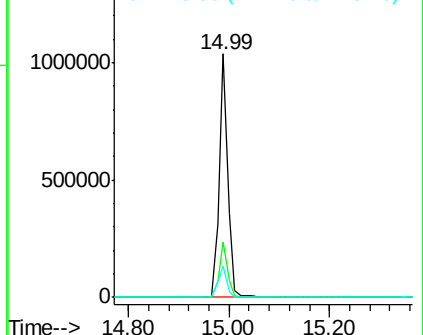
125 12.8 10.0 15.0



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: 41.18 ng

RT: 16.28 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF092364.D

Acq: 18 Jan 2017 21:23

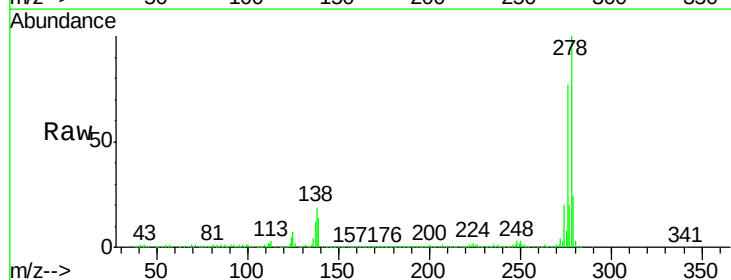
Tgt Ion:278 Resp: 1081199

Ion Ratio Lower Upper

278 100

139 14.5 14.8 22.2#

279 23.7 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

