

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092407.D
 Acq On : 21 Jan 2017 12:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 23 00:39:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	148746	20.00	ng	-0.13
21) Naphthalene-d8	7.81	136	645355	20.00	ng	-0.13
38) Acenaphthene-d10	9.56	164	334885	20.00	ng	-0.13
63) Phenanthrene-d10	11.03	188	572734	20.00	ng	-0.13
75) Chrysene-d12	13.66	240	426049	20.00	ng	-0.13
86) Perylene-d12	15.01	264	408054	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	576022	64.66	ng	-0.15
7) Phenol-d6	6.20	99	958680	88.14	ng	-0.11
23) Nitrobenzene-d5	7.10	82	884000	76.17	ng	-0.11
41) 2,4,6-Tribromophenol	10.34	330	235474	84.96	ng	-0.13
44) 2-Fluorobiphenyl	8.88	172	1399299	85.72	ng	-0.13
78) Terphenyl-d14	12.61	244	1412797	80.42	ng	-0.14

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.89	88	193550	44.13	ng	98
3) Pyridine	2.49	79	363896	23.77	ng	99
4) n-Nitrosodimethylamine	2.45	42	140805	24.39	ng	88
6) Aniline	6.17	93	627164	44.40	ng	# 44
8) 2-Chlorophenol	6.31	128	436072	43.03	ng	89
9) Benzaldehyde	6.06	77	256461	42.14	ng	96
10) Phenol	6.21	94	605895	48.89	ng	# 67
11) bis(2-Chloroethyl)ether	6.26	93	426022	43.20	ng	92
12) 1,3-Dichlorobenzene	6.69	146	394908	36.51	ng	96
13) 1,4-Dichlorobenzene	6.53	146	464027	42.14	ng	98
14) 1,2-Dichlorobenzene	6.69	146	395790	41.43	ng	95
15) Benzyl Alcohol	6.69	79	373525	44.20	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.80	45	619321	42.17	ng	99
17) 2-Methylphenol	6.81	107	349364	42.87	ng	# 92
18) Hexachloroethane	7.02	117	164497	40.30	ng	90
19) n-Nitroso-di-n-propylamine	6.95	70	295103	40.78	ng	98
20) 3+4-Methylphenols	6.97	107	464820	47.82	ng	# 70
22) Acetophenone	6.94	105	634000	39.83	ng	# 92
24) Nitrobenzene	7.11	77	480796	38.90	ng	96
25) Isophorone	7.36	82	828463	38.69	ng	98
26) 2-Nitrophenol	7.43	139	241448	39.61	ng	94
27) 2,4-Dimethylphenol	7.50	122	354075	35.02	ng	91
28) bis(2-Chloroethoxy)methane	7.58	93	493466	38.00	ng	99
29) 2,4-Dichlorophenol	7.69	162	338327	39.52	ng	97
30) 1,2,4-Trichlorobenzene	7.75	180	364874	38.89	ng	96
31) Naphthalene	7.83	128	1194947	40.46	ng	98
32) Benzoic acid	7.66	122	230132	30.69	ng	98
33) 4-Chloroaniline	7.89	127	525968	39.49	ng	97
34) Hexachlorobutadiene	7.94	225	194948	39.37	ng	100
35) Caprolactam	8.28	113	115037	40.89	ng	# 76
36) 4-Chloro-3-methylphenol	8.40	107	392267	39.82	ng	97
37) 2-Methylnaphthalene	8.52	142	774596	42.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	347143	41.03	ng	99
40) Hexachlorocyclopentadiene	8.66	237	122430	34.85	ng	95

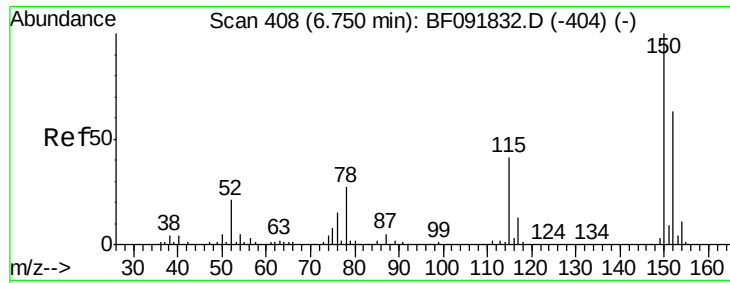
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	225896	38.18	ng	96
43) 2,4,5-Trichlorophenol	8.86	196	223923	36.77	ng	97
45) 1,1'-Biphenyl	8.98	154	998008	43.52	ng	99
46) 2-Chloronaphthalene	9.01	162	767565	42.27	ng	98
47) 2-Nitroaniline	9.12	65	257400	39.81	ng	# 62
48) Acenaphthylene	9.41	152	1111957	39.82	ng	98
49) Dimethylphthalate	9.29	163	862179	40.25	ng	99
50) 2,6-Dinitrotoluene	9.36	165	208375	44.45	ng	90
51) Acenaphthene	9.59	154	748876	39.55	ng	99
52) 3-Nitroaniline	9.53	138	267030	46.03	ng	85
53) 2,4-Dinitrophenol	9.66	184	95719	36.69	ng	# 84
54) Dibenzofuran	9.76	168	984817	38.52	ng	93
55) 4-Nitrophenol	9.75	139	541241	137.40	ng	# 15
56) 2,4-Dinitrotoluene	9.77	165	250640	42.60	ng	# 65
57) Fluorene	10.09	166	752675	40.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.89	232	178346	37.03	ng	94
59) Diethylphthalate	9.99	149	823182	39.57	ng	100
60) 4-Chlorophenyl-phenylether	10.09	204	328042	40.27	ng	96
61) 4-Nitroaniline	10.14	138	241904	40.24	ng	96
62) Azobenzene	10.25	77	945604	41.29	ng	97
64) 4,6-Dinitro-2-methylphenol	10.18	198	127156	36.72	ng	98
65) n-Nitrosodiphenylamine	10.22	169	679596	39.99	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	237588	39.88	ng	# 76
67) Hexachlorobenzene	10.64	284	237832	37.35	ng	# 85
68) Atrazine	10.76	200	217152	39.61	ng	99
69) Pentachlorophenol	10.86	266	104618	33.48	ng	99
70) Phenanthrene	11.05	178	1245833	40.12	ng	98
71) Anthracene	11.10	178	1152630	40.44	ng	98
72) Carbazole	11.27	167	1162039	45.80	ng	98
73) Di-n-butylphthalate	11.60	149	1324752	45.02	ng	99
74) Fluoranthene	12.23	202	1177096	43.04	ng	99
76) Benzidine	12.37	184	420165	37.16	ng	97
77) Pyrene	12.46	202	1286092	41.14	ng	99
79) Butylbenzylphthalate	13.09	149	582987	41.01	ng	97
80) Benzo(a)anthracene	13.65	228	1096849	45.61	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	405094	44.42	ng	# 93
82) Chrysene	13.68	228	917803	38.05	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	760693	45.43	ng	98
84) Di-n-octyl phthalate	14.27	149	1314756	42.39	ng	99
85) Indeno(1,2,3-cd)pyrene	16.22	276	860902	41.19	ng	100
87) Benzo(b)fluoranthene	14.68	252	1949519	76.74	ng	# 96
88) Benzo(k)fluoranthene	14.68	252	1949519	89.99	ng	# 96
89) Benzo(a)pyrene	14.95	252	891735	39.55	ng	99
90) Dibenzo(a,h)anthracene	16.22	278	726885	39.22	ng	98
91) Benzo(g,h,i)perylene	16.57	276	752854	39.07	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 440

Delta R.T. -0.13 min

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BNA_F

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SSTDCCC040

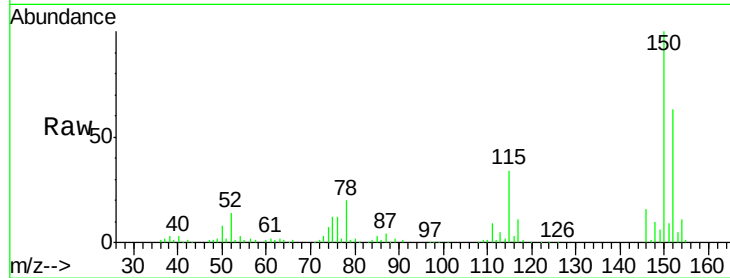
Tgt Ion:152 Resp: 148746

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

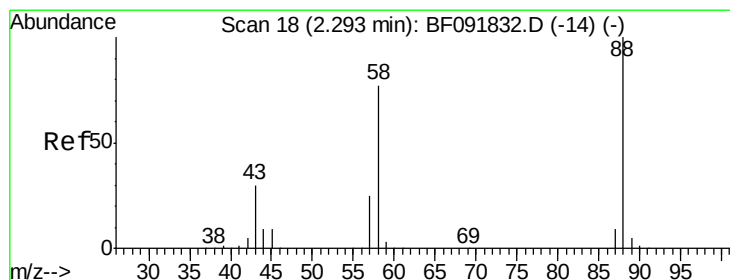
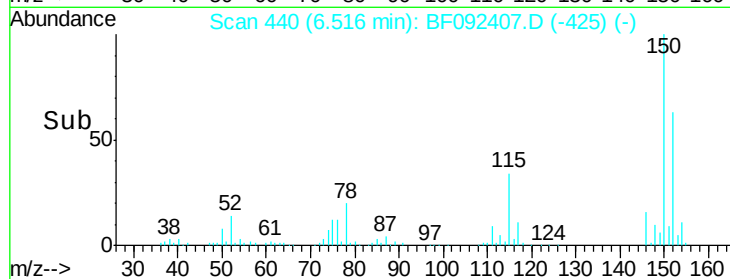
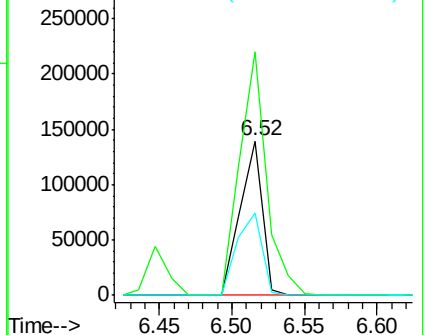
115 53.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.13 ng

RT: 1.89 min Scan# 35

Delta R.T. -0.19 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

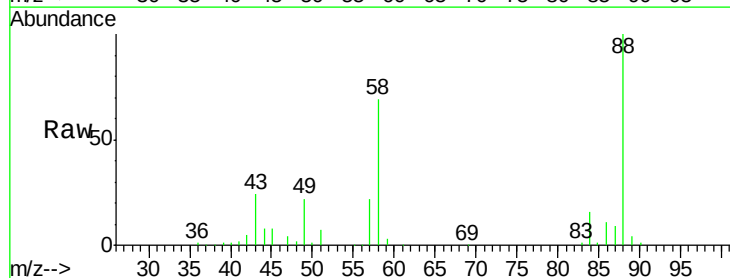
Tgt Ion: 88 Resp: 193550

Ion Ratio Lower Upper

88 100

58 70.1 57.8 86.8

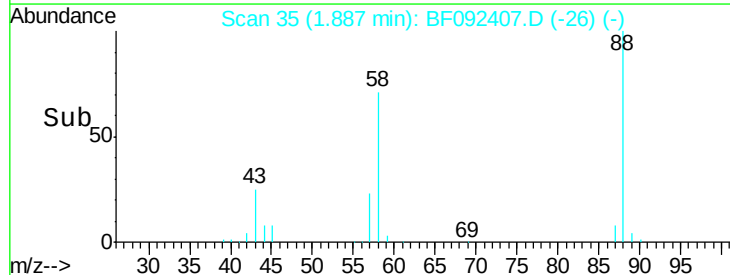
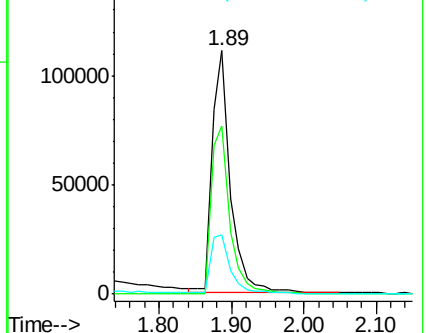
43 27.3 22.3 33.5

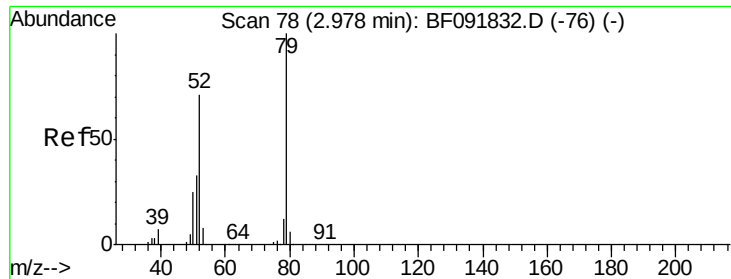


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.77 ng

RT: 2.49 min Scan# 88

Delta R.T. -0.24 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

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ClientSampleId :

SSTDCCC040

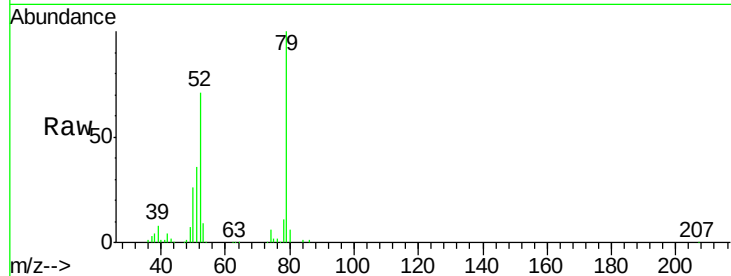
Tgt Ion: 79 Resp: 363896

Ion Ratio Lower Upper

79 100

52 71.4 57.1 85.7

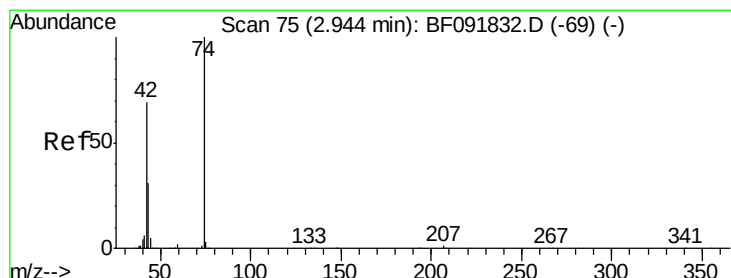
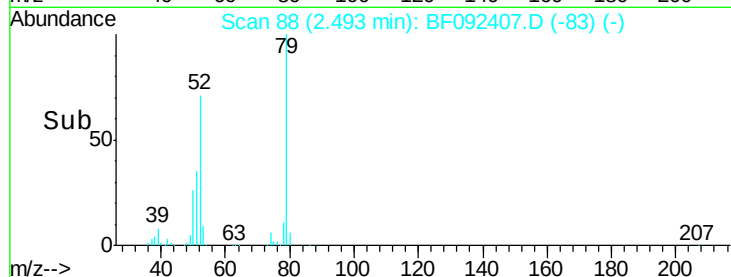
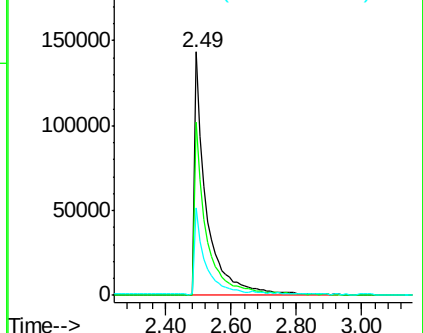
51 35.8 27.3 40.9



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: 24.39 ng

RT: 2.45 min Scan# 84

Delta R.T. -0.24 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

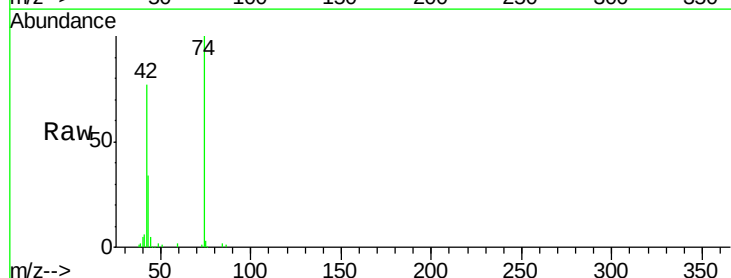
Tgt Ion: 42 Resp: 140805

Ion Ratio Lower Upper

42 100

74 130.1 117.0 175.4

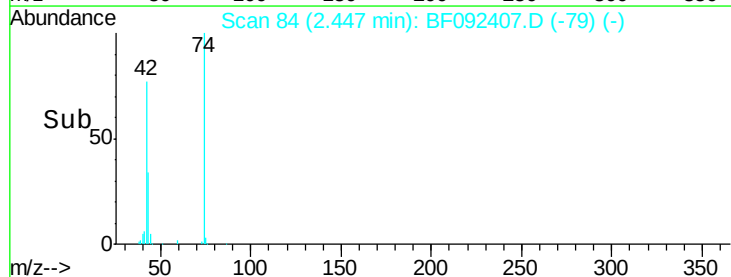
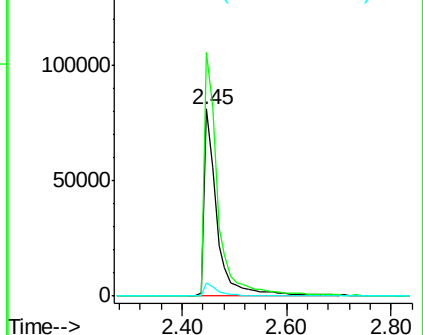
44 7.0 5.5 8.3

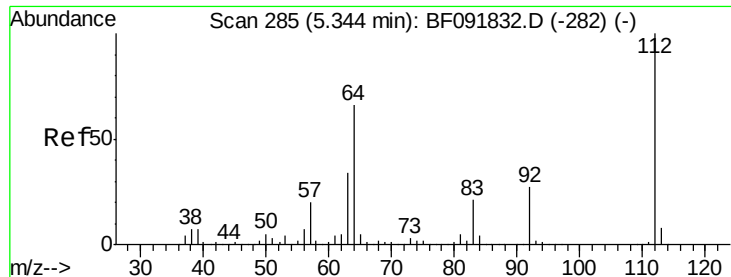


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 64.66 ng

RT: 5.09 min Scan# 315

Delta R.T. -0.15 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

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SSTDCCC040

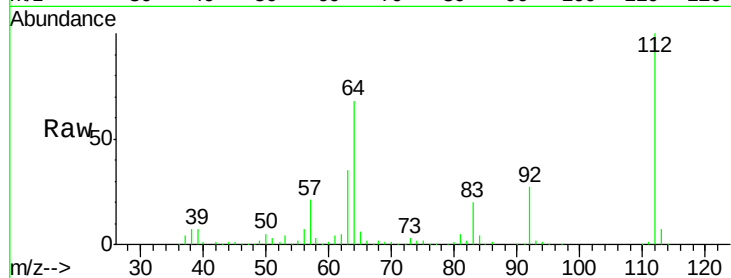
Tgt Ion: 112 Resp: 576022

Ion Ratio Lower Upper

112 100

64 67.5 46.1 69.1

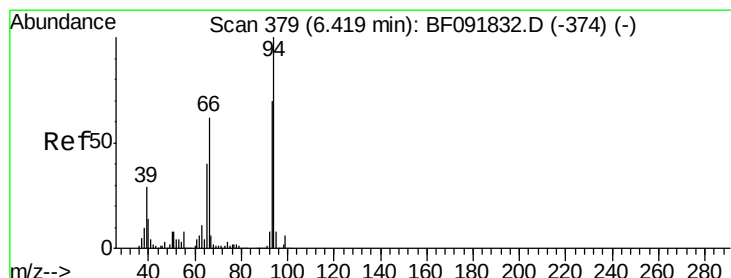
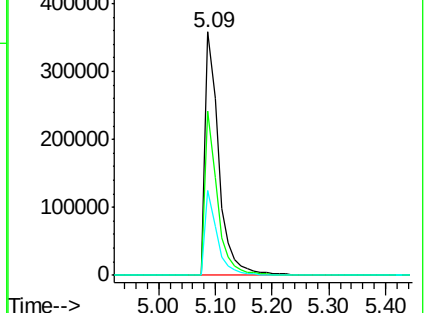
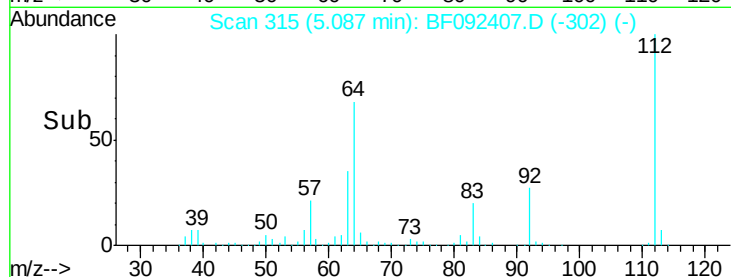
63 34.6 23.8 35.6



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: 44.40 ng

RT: 6.17 min Scan# 410

Delta R.T. -0.14 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

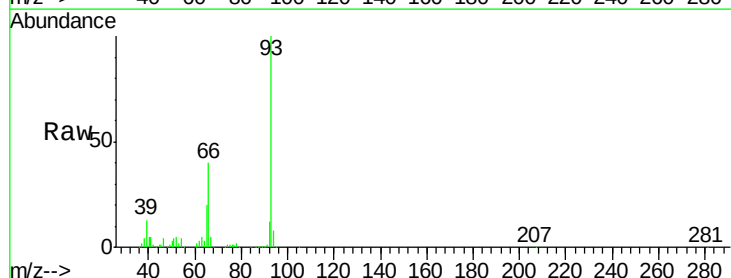
Tgt Ion: 93 Resp: 627164

Ion Ratio Lower Upper

93 100

66 39.8 76.2 114.2#

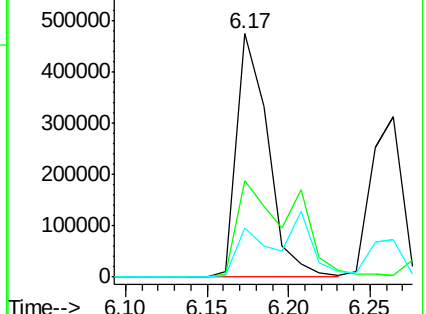
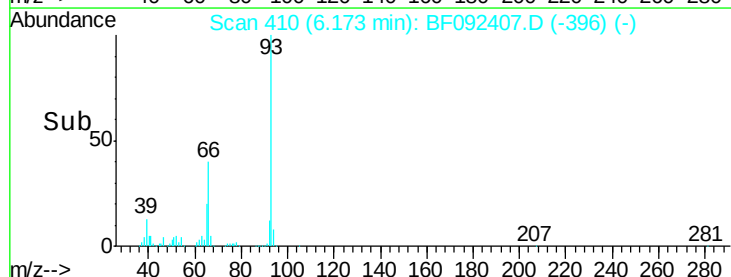
65 19.9 49.3 73.9#

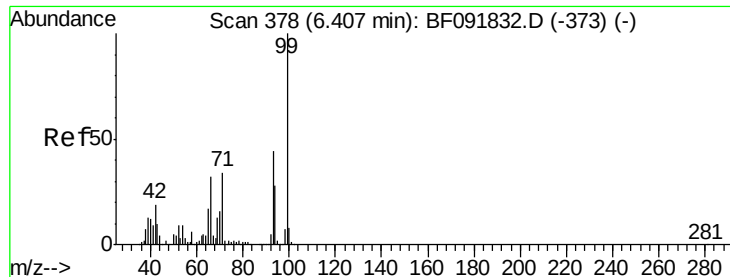


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.14 ng

RT: 6.20 min Scan# 412

Delta R.T. -0.11 min

Lab File: BF092407.D

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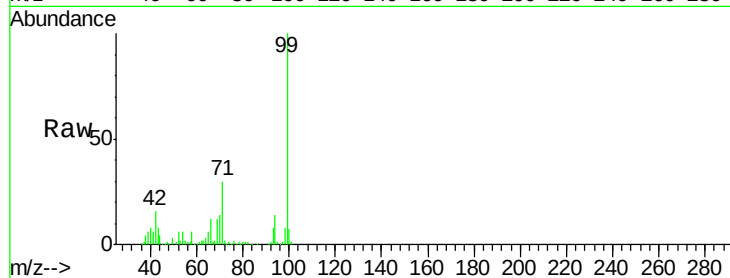
Tgt Ion: 99 Resp: 958680

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

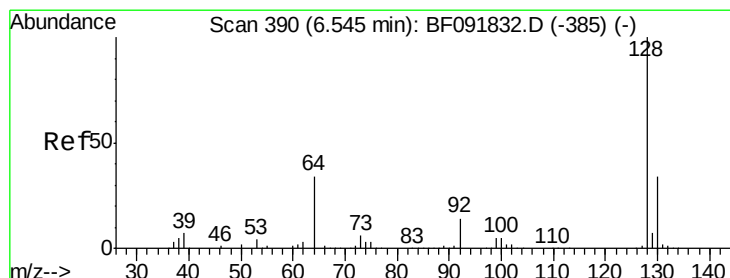
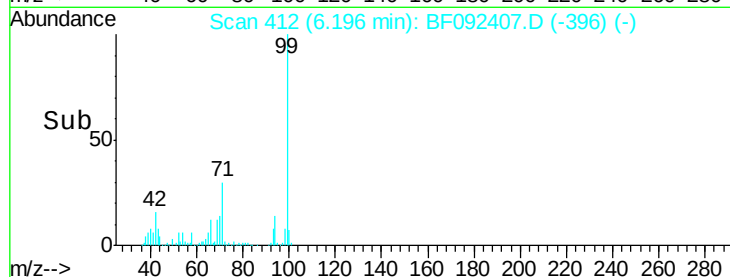
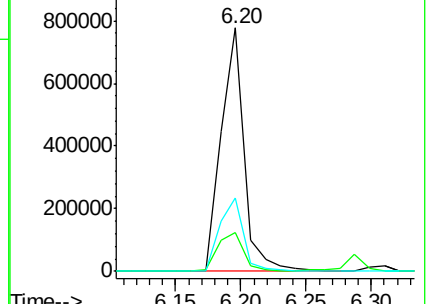
71 30.1 27.5 41.3



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: 43.03 ng

RT: 6.31 min Scan# 422

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

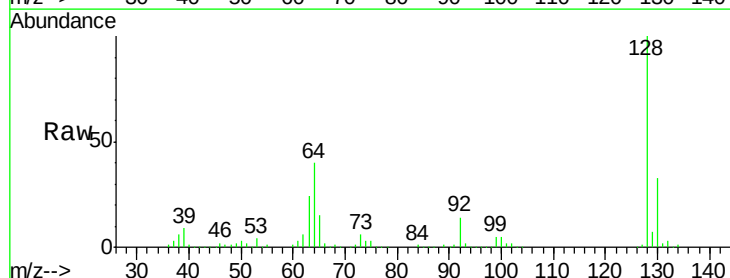
Tgt Ion: 128 Resp: 436072

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

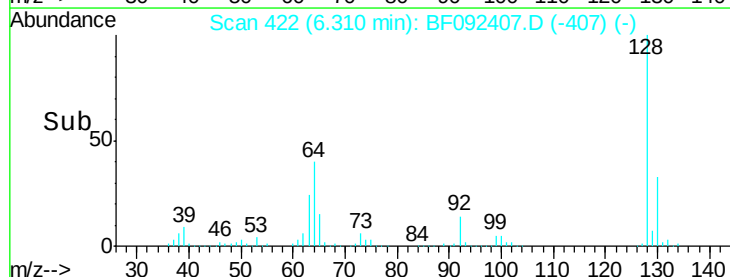
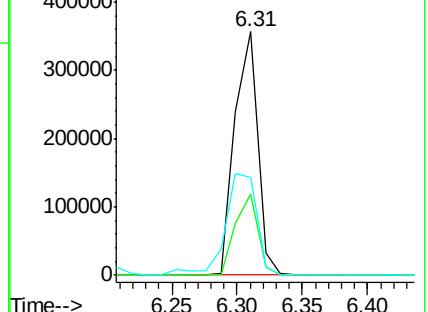
64 39.9 32.2 72.2

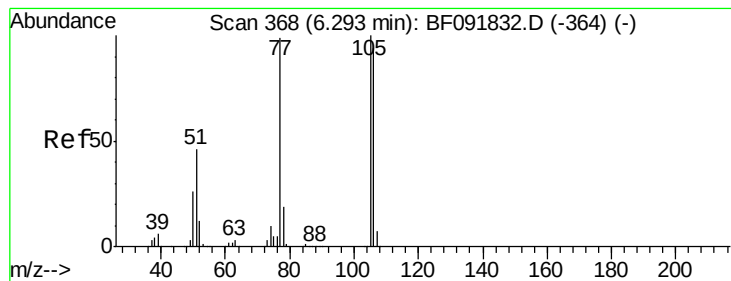


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.14 ng

RT: 6.06 min Scan# 400

Delta R.T. -0.13 min

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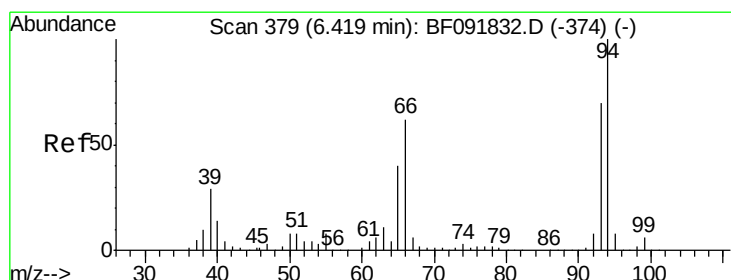
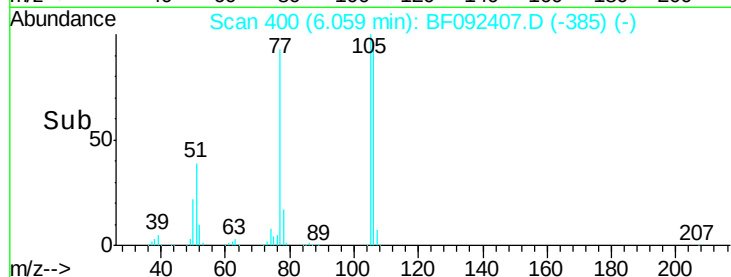
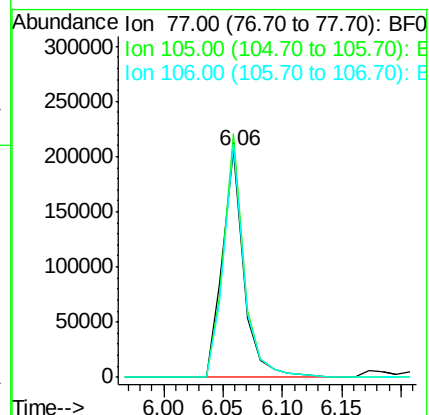
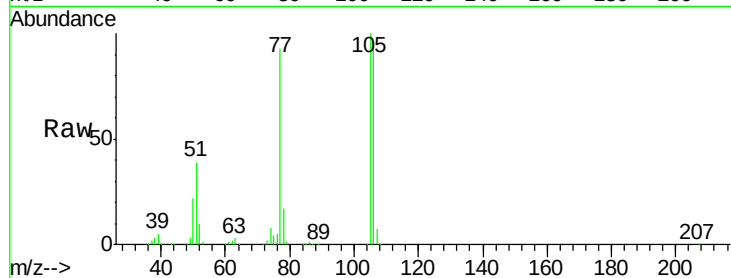
Tgt Ion: 77 Resp: 256461

Ion Ratio Lower Upper

77 100

105 107.4 83.9 123.9

106 103.1 77.6 117.6



#10

Phenol

Concen: 48.89 ng

RT: 6.21 min Scan# 413

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

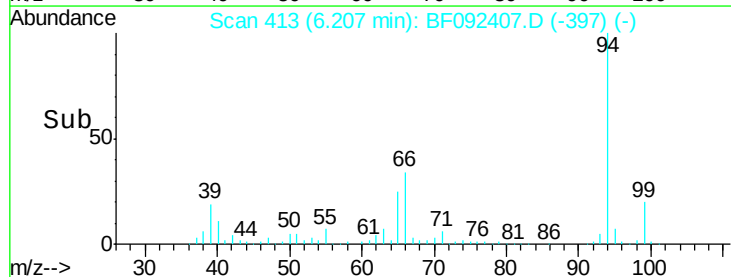
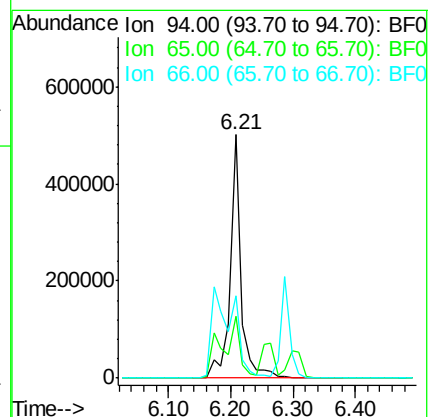
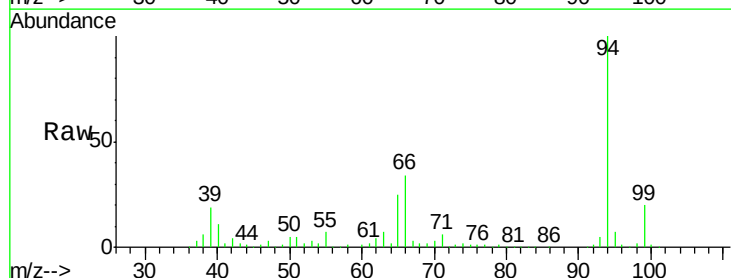
Tgt Ion: 94 Resp: 605895

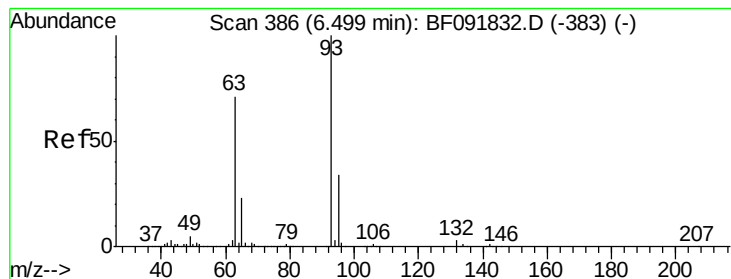
Ion Ratio Lower Upper

94 100

65 25.4 21.4 61.4

66 33.8 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 43.20 ng

RT: 6.26 min Scan# 418

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

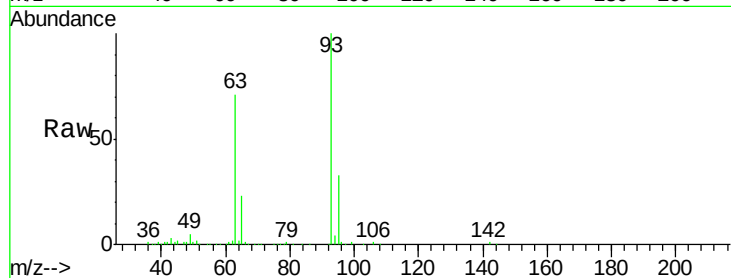
Tgt Ion: 93 Resp: 426022

Ion Ratio Lower Upper

93 100

63 71.0 60.4 100.4

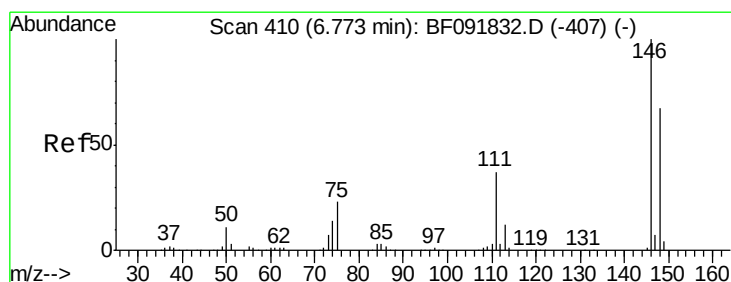
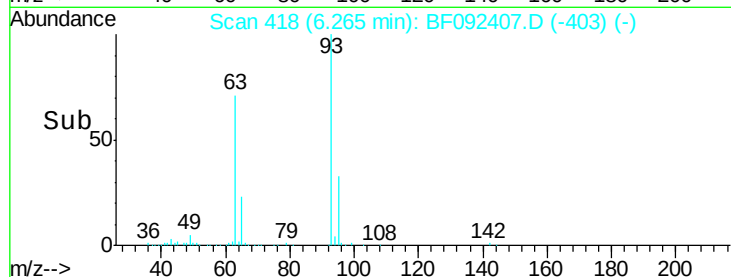
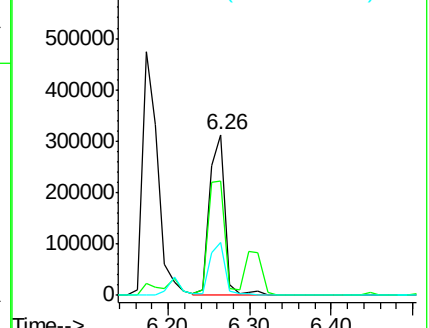
95 32.9 12.8 52.8



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: 36.51 ng

RT: 6.69 min Scan# 455

Delta R.T. 0.10 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

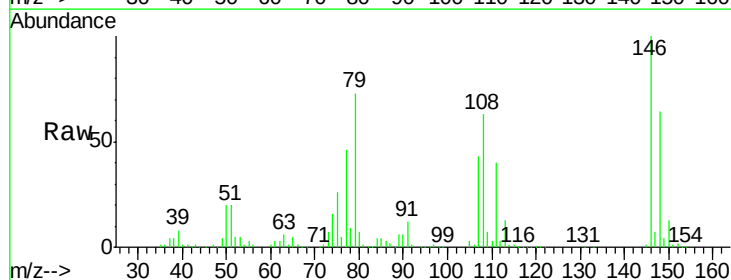
Tgt Ion: 146 Resp: 394908

Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

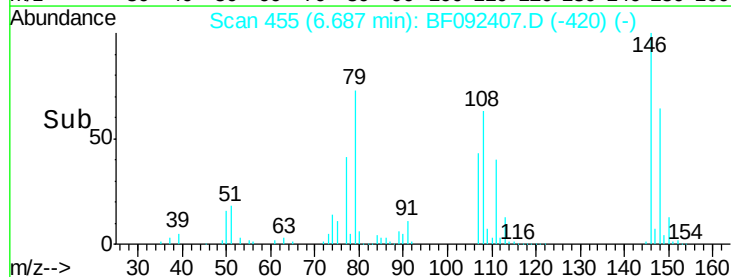
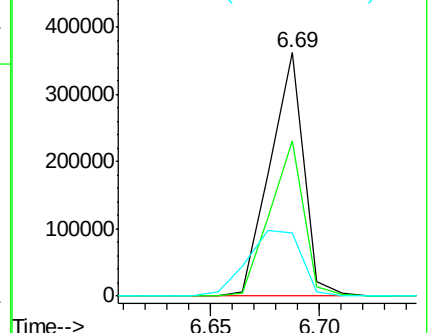
75 26.0 18.5 27.7

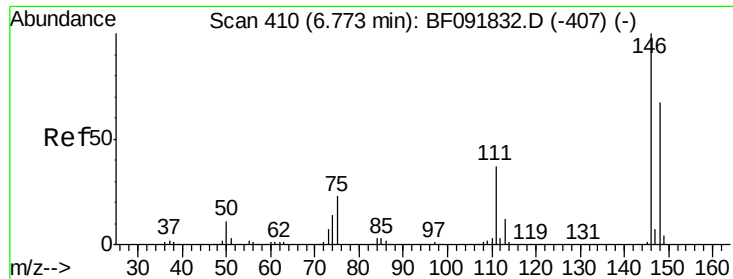


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

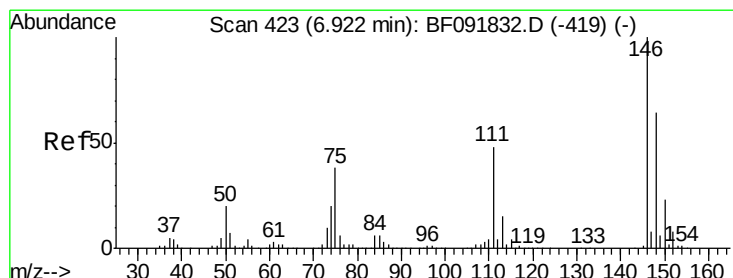
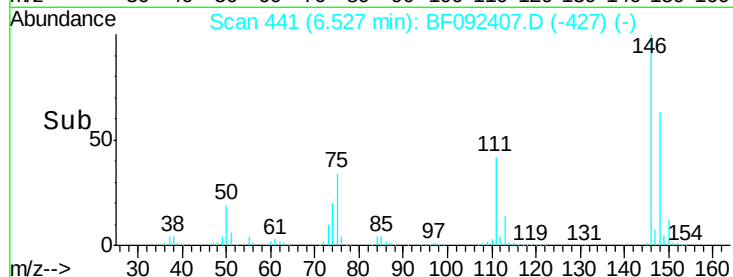
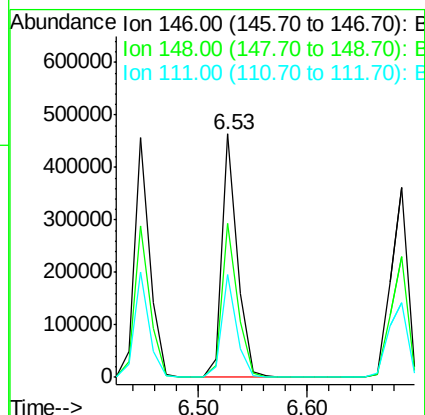
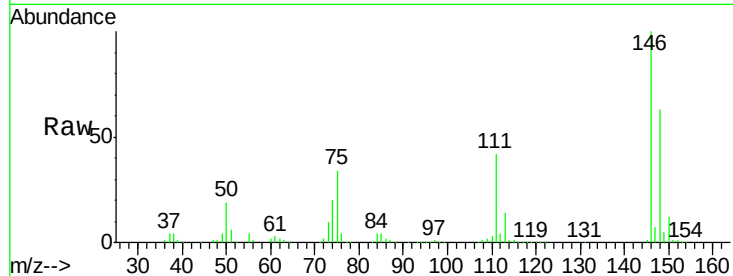




#13
 1,4-Dichlorobenzene
 Concen: 42.14 ng
 RT: 6.53 min Scan# 441
 Delta R.T. -0.14 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

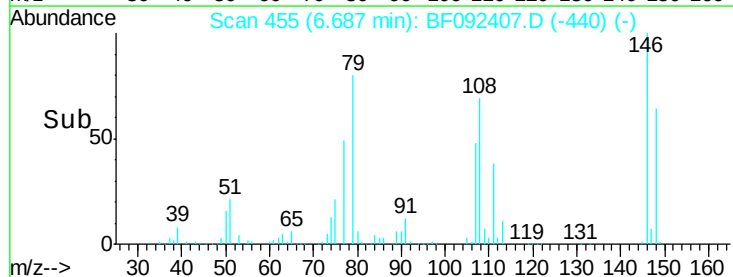
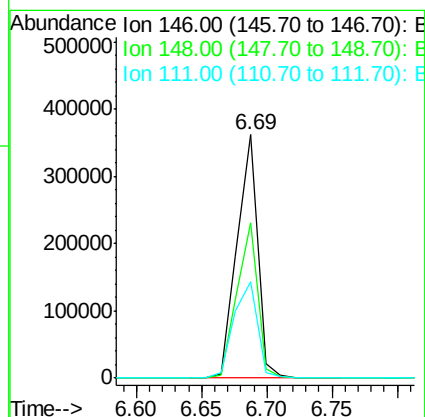
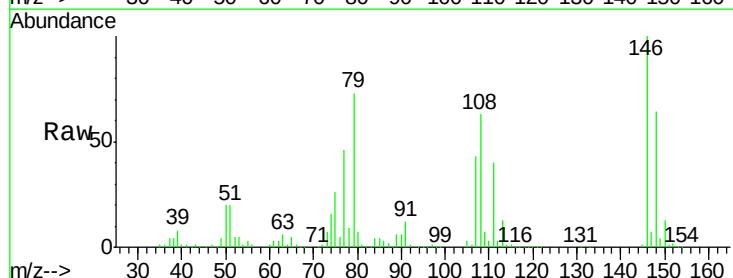
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

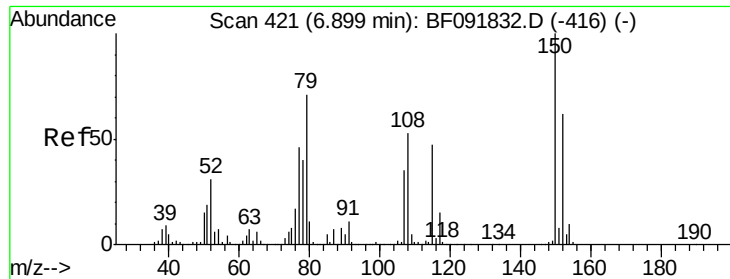
Tgt Ion:146 Resp: 464027
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 42.4 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.43 ng
 RT: 6.69 min Scan# 455
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:146 Resp: 395790
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 39.5 36.2 54.2

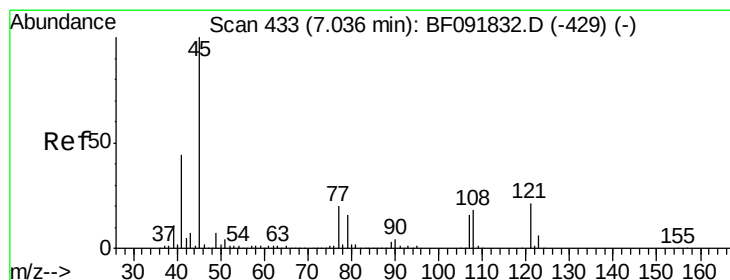
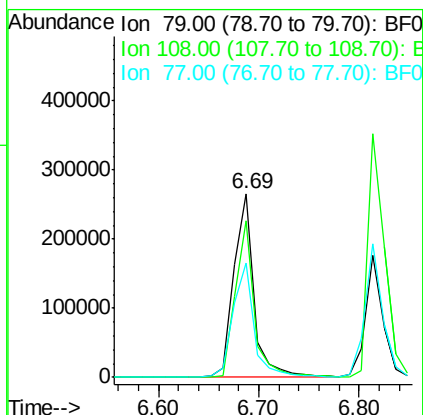
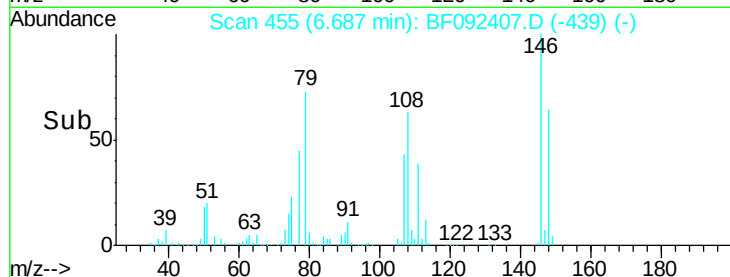
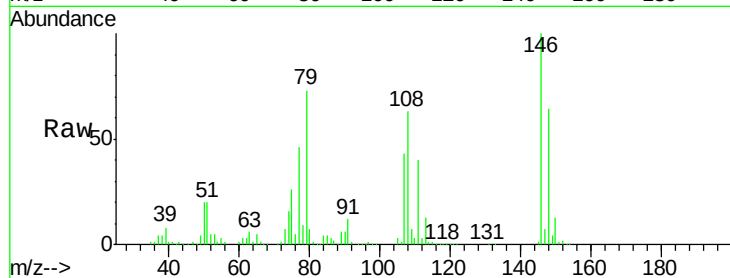




#15
Benzyl Alcohol
Concen: 44.20 ng
RT: 6.69 min Scan# 455
Delta R.T. -0.11 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

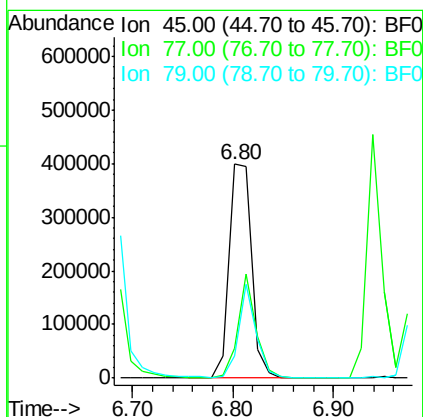
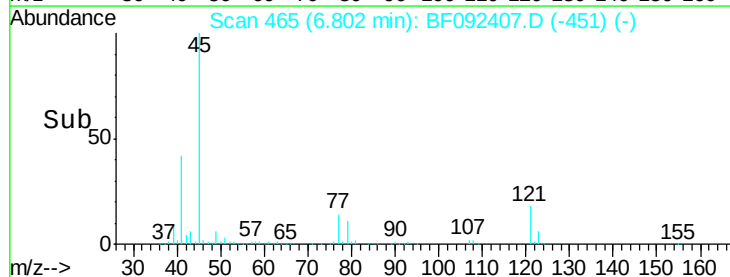
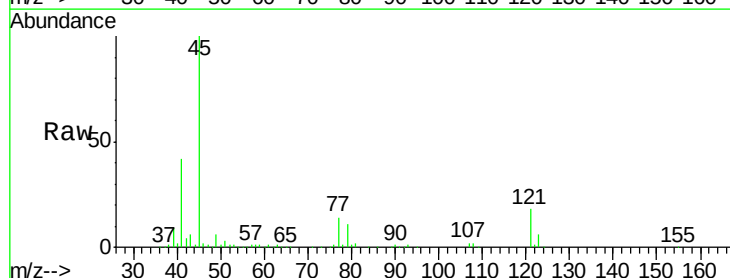
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

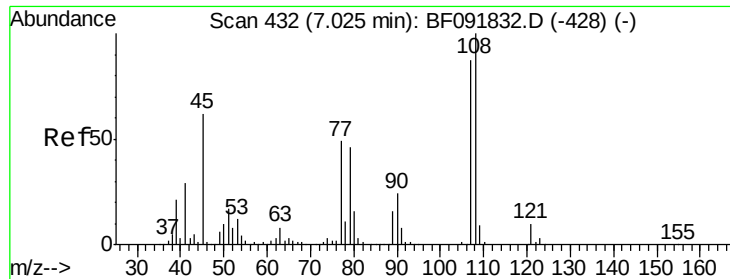
Tgt Ion: 79 Resp: 373525
Ion Ratio Lower Upper
79 100
108 85.5 61.4 92.0
77 62.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.17 ng
RT: 6.80 min Scan# 465
Delta R.T. -0.14 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion: 45 Resp: 619321
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 10.5 0.0 31.2

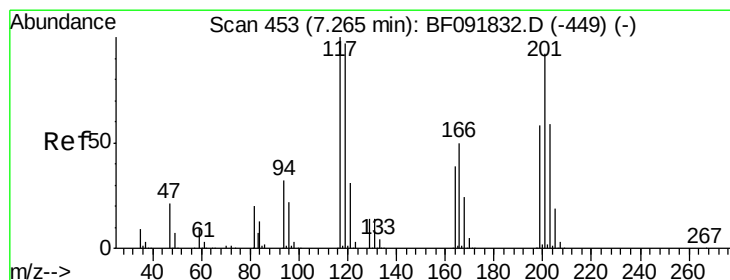
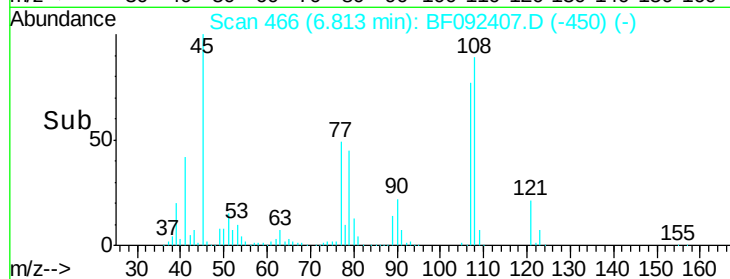
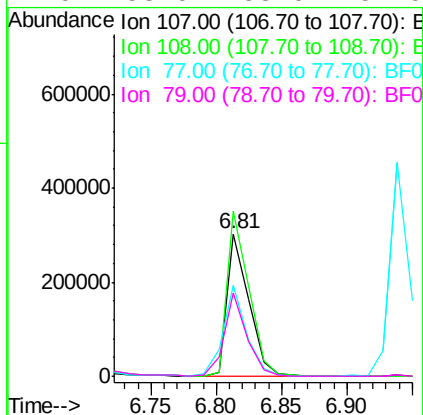
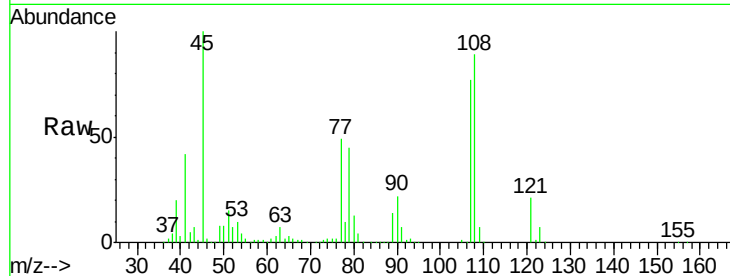




#17
2-Methylphenol
Concen: 42.87 ng
RT: 6.81 min Scan# 466
Delta R.T. -0.11 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

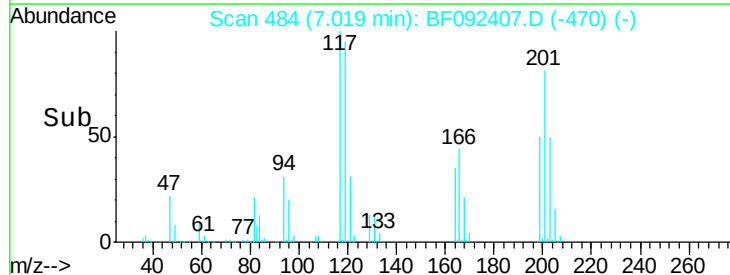
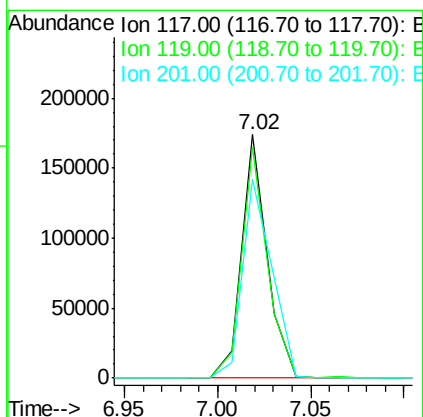
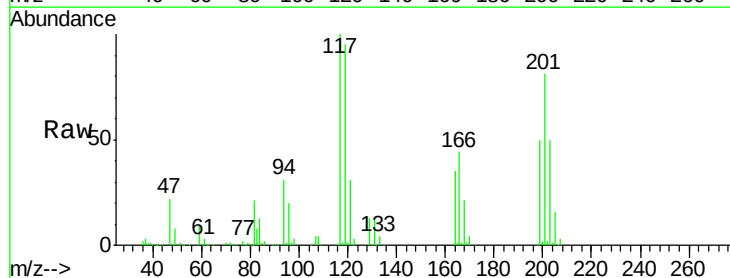
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

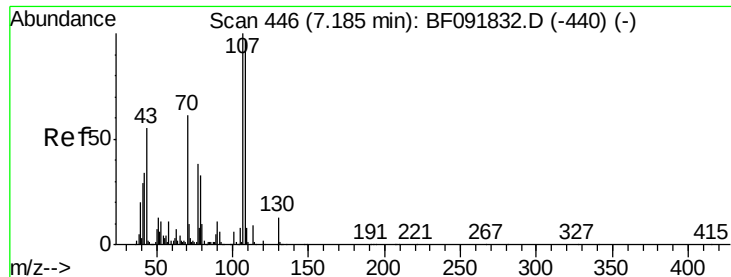
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.3	93.0	139.6
77	64.1	39.8	59.8#
79	58.0	38.0	57.0#



#18
Hexachloroethane
Concen: 40.30 ng
RT: 7.02 min Scan# 484
Delta R.T. -0.14 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.1	117.1
201	81.5	78.6	117.8

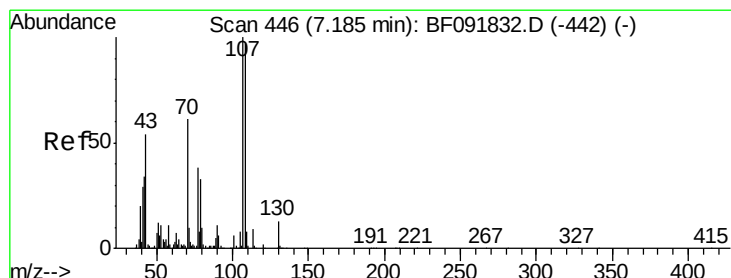
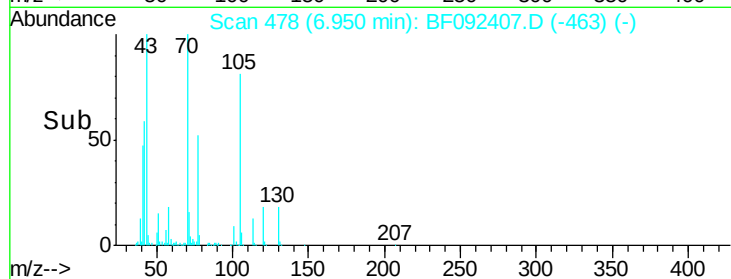
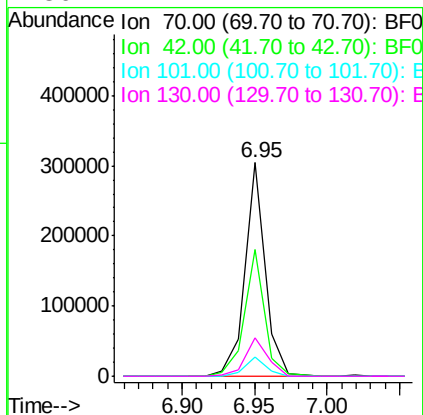
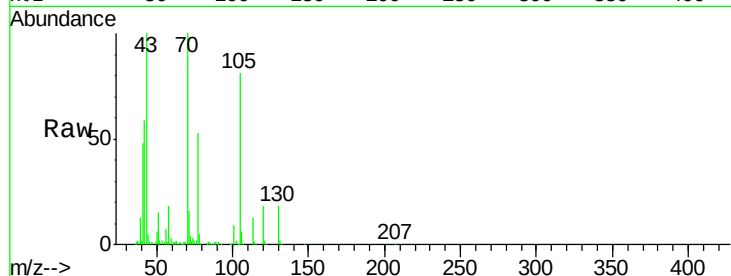




#19
n-Nitroso-di-n-propylamine
Concen: 40.78 ng
RT: 6.95 min Scan# 478
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

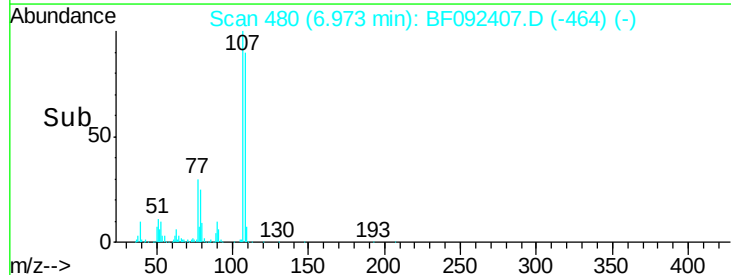
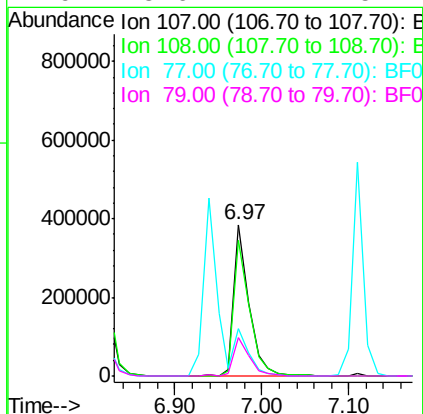
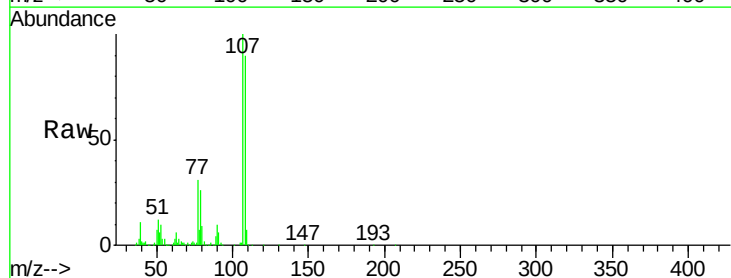
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

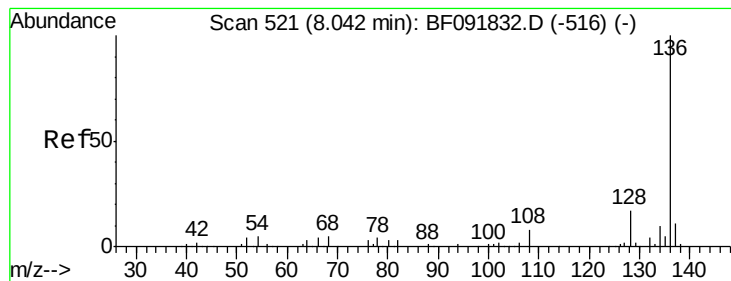
Tgt Ion:	70	Resp:	295103
Ion	Ratio	Lower	Upper
70	100		
42	59.2	49.4	74.0
101	8.9	7.4	11.2
130	17.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 47.82 ng
RT: 6.97 min Scan# 480
Delta R.T. -0.11 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:	107	Resp:	464820
Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.0	113.0
77	31.3	71.3	111.3#
79	25.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 553

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 645355

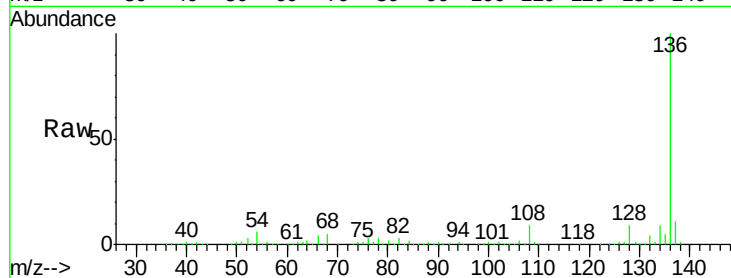
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.8 4.5 6.7

68 4.8 3.6 5.4

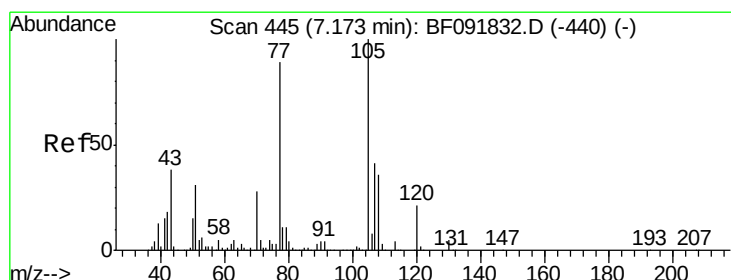
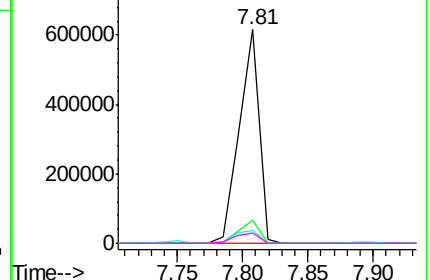
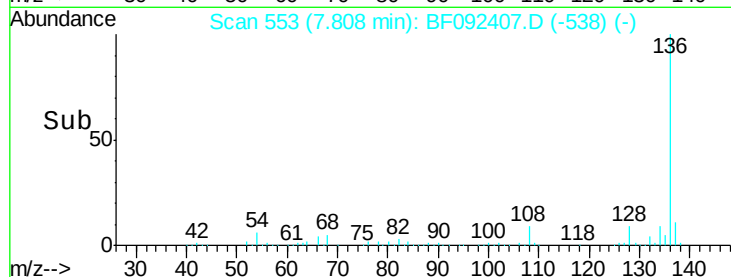


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.83 ng

RT: 6.94 min Scan# 477

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Tgt Ion:105 Resp: 634000

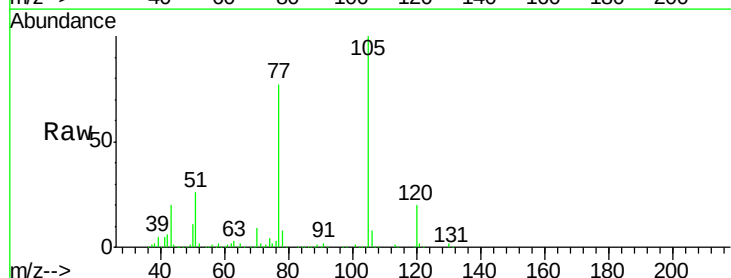
Ion Ratio Lower Upper

105 100

71 1.5 3.2 4.8#

51 25.7 26.2 39.4#

120 20.3 16.6 24.8

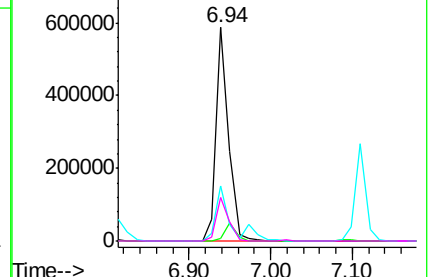
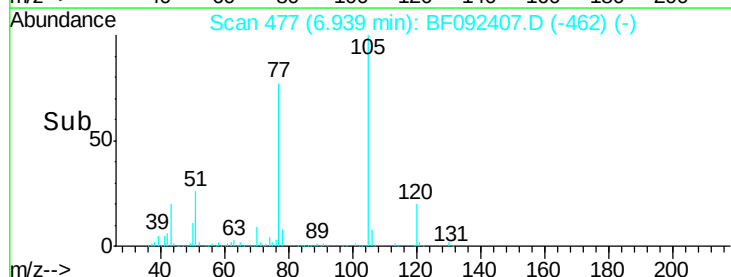


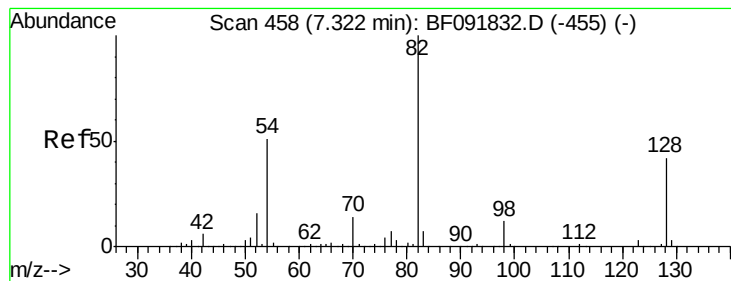
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.17 ng

RT: 7.10 min Scan# 491

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

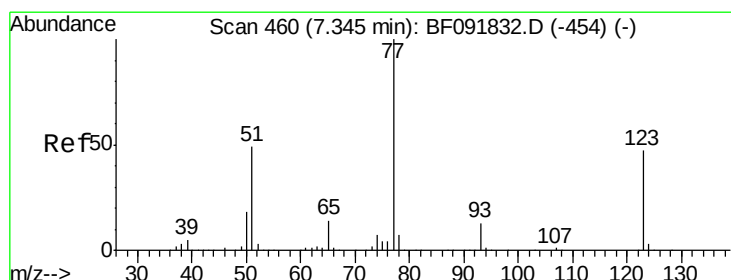
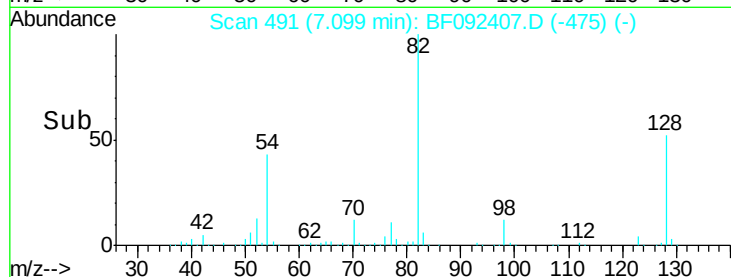
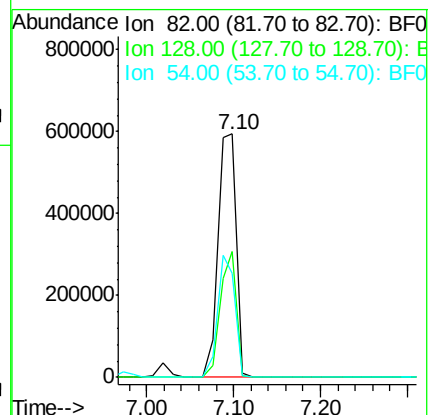
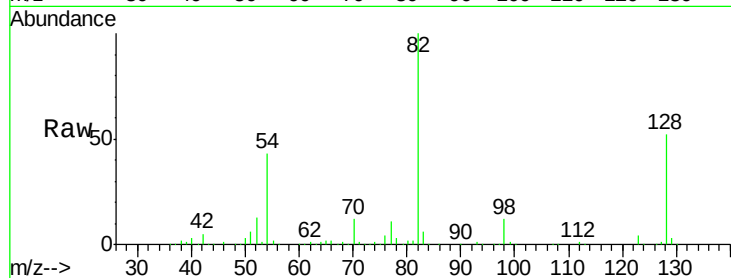
Tgt Ion: 82 Resp: 884000

Ion Ratio Lower Upper

82 100

128 51.8 34.6 52.0

54 42.8 39.5 59.3



#24

Nitrobenzene

Concen: 38.90 ng

RT: 7.11 min Scan# 492

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

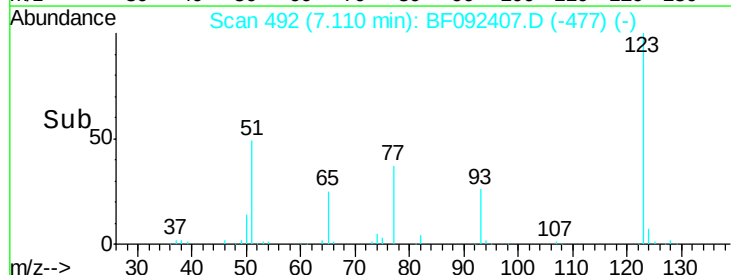
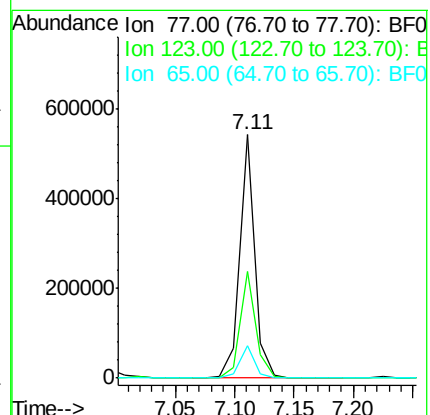
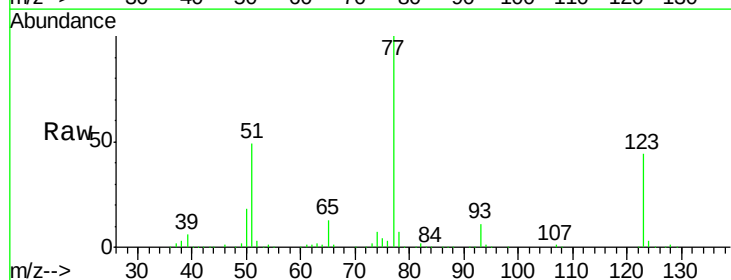
Tgt Ion: 77 Resp: 480796

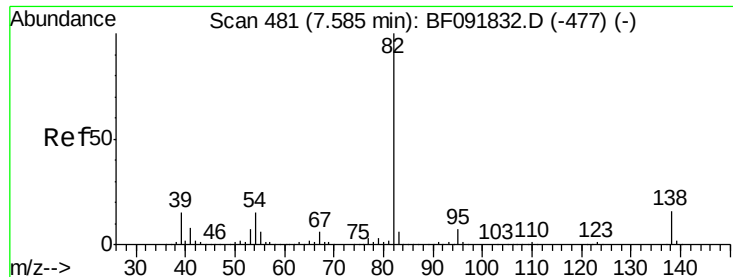
Ion Ratio Lower Upper

77 100

123 43.9 33.0 49.4

65 13.2 11.2 16.8





#25

Isophorone

Concen: 38.69 ng

RT: 7.36 min Scan# 514

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

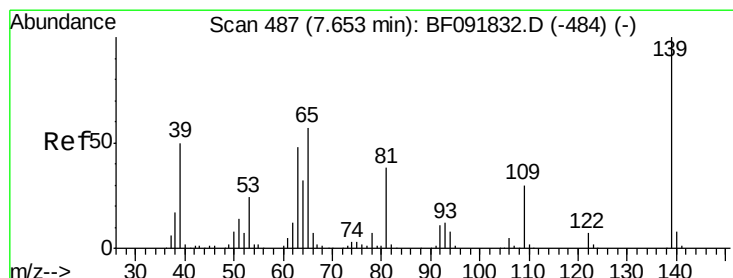
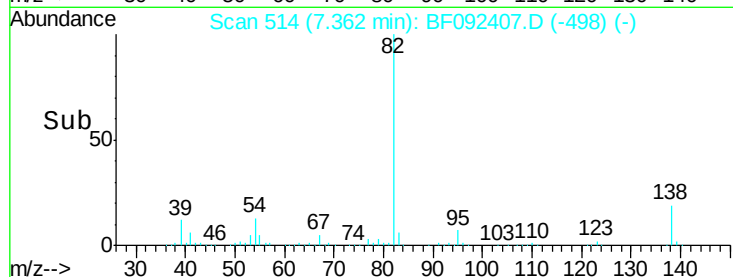
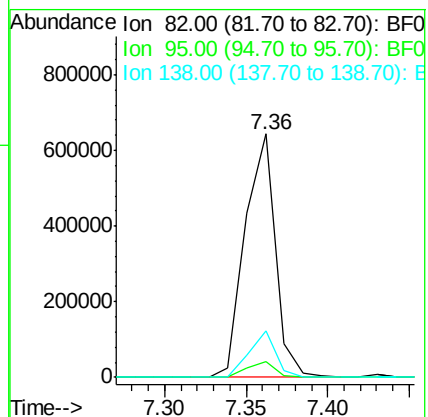
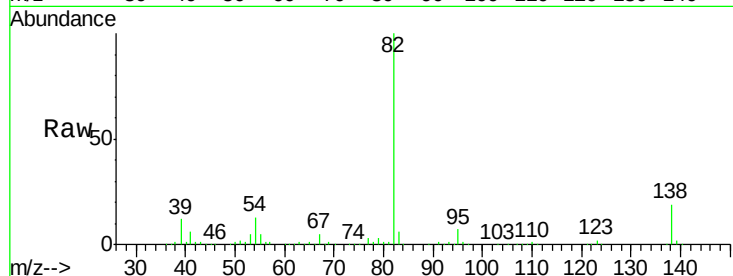
Tgt Ion: 82 Resp: 828463

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 19.1 14.6 22.0



#26

2-Nitrophenol

Concen: 39.61 ng

RT: 7.43 min Scan# 520

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

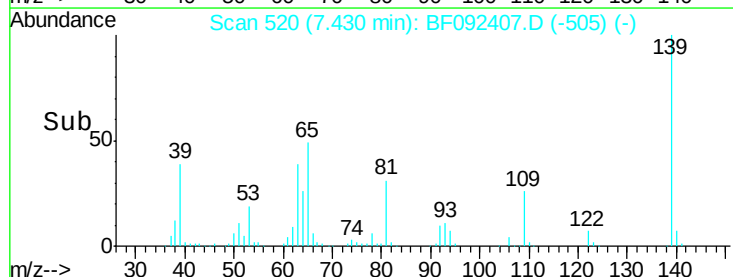
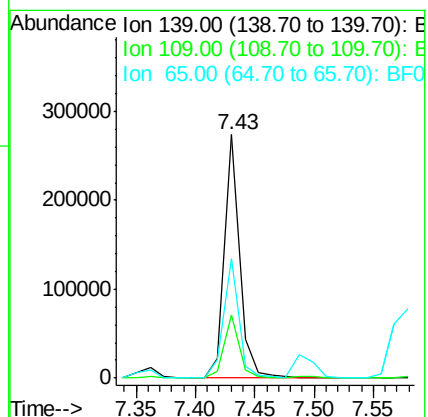
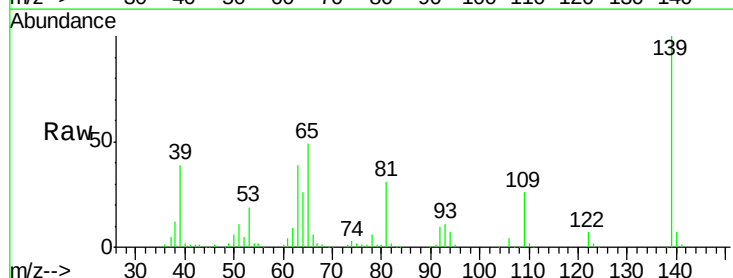
Tgt Ion: 139 Resp: 241448

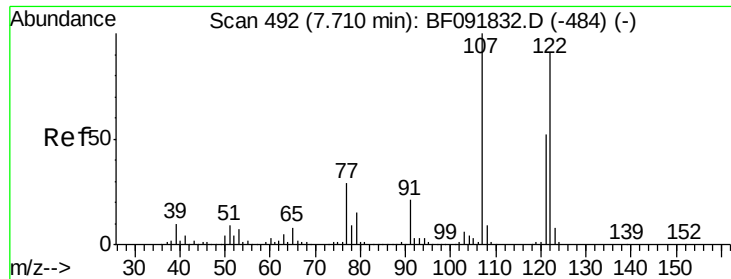
Ion Ratio Lower Upper

139 100

109 25.7 23.3 34.9

65 49.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 35.02 ng

RT: 7.50 min Scan# 526

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

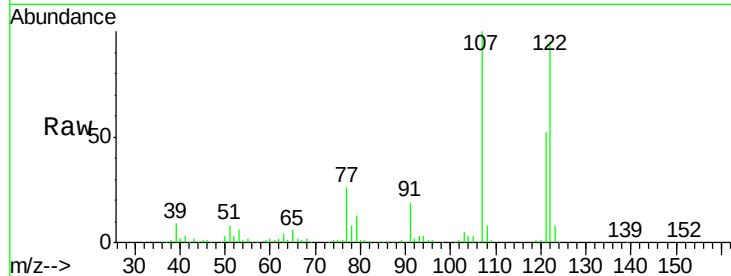
Tgt Ion:122 Resp: 354075

Ion Ratio Lower Upper

122 100

107 105.2 94.1 141.1

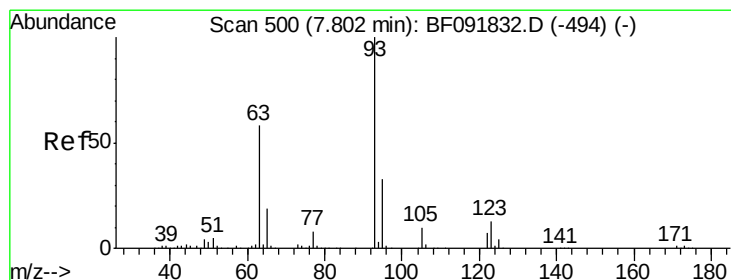
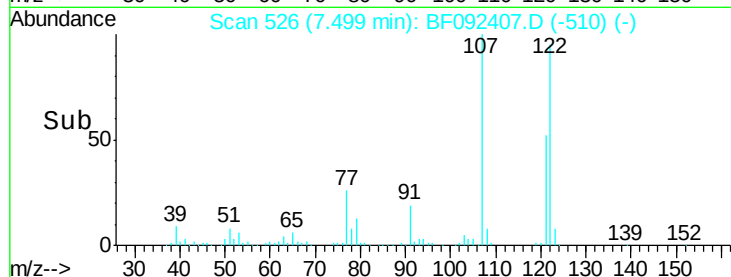
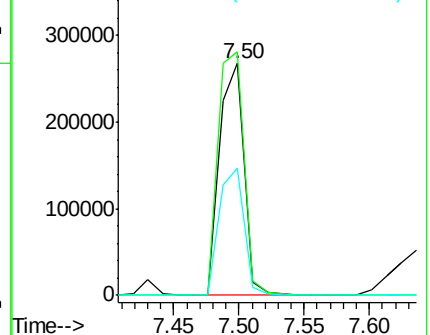
121 55.2 46.0 69.0



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: 38.00 ng

RT: 7.58 min Scan# 533

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

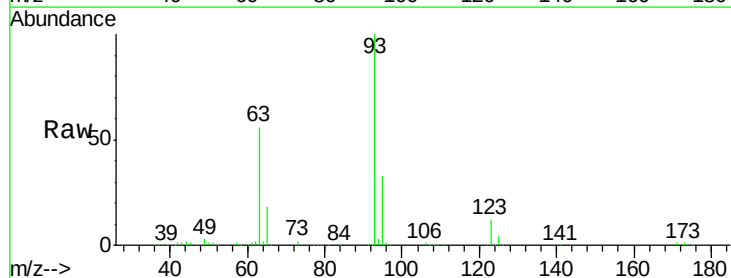
Tgt Ion: 93 Resp: 493466

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

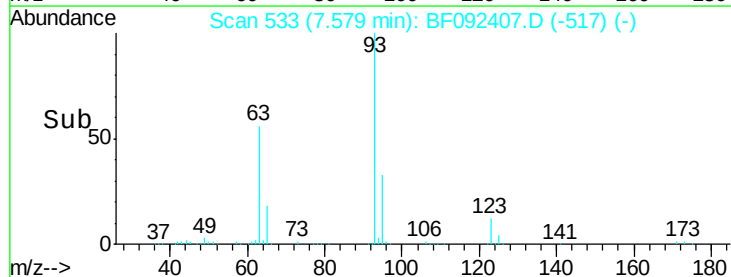
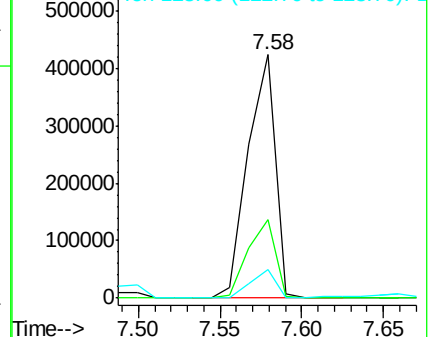
123 11.8 8.6 13.0

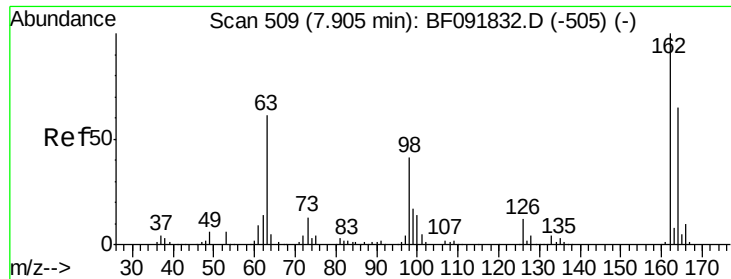


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

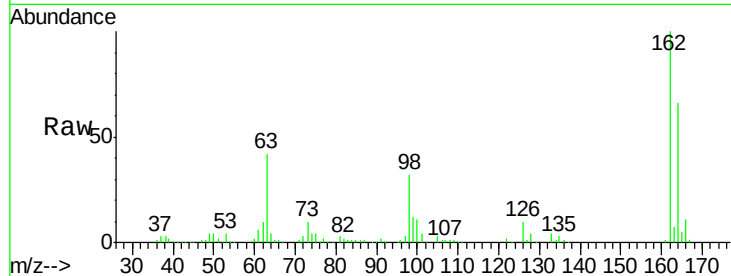




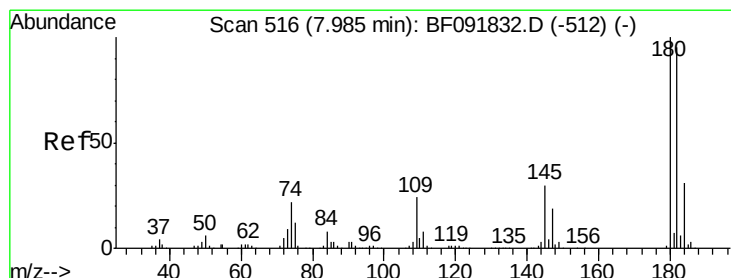
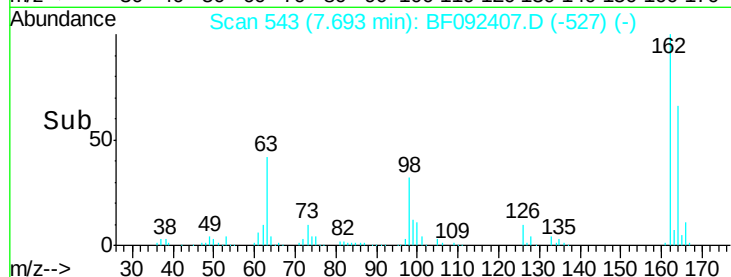
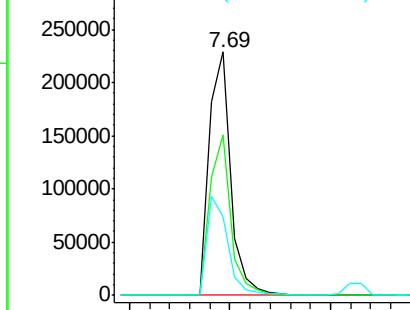
#29
2,4-Dichlorophenol
Concen: 39.52 ng
RT: 7.69 min Scan# 543
Delta R.T. -0.11 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 338327
Ion Ratio Lower Upper
162 100
164 65.8 46.8 86.8
98 32.2 9.1 49.1

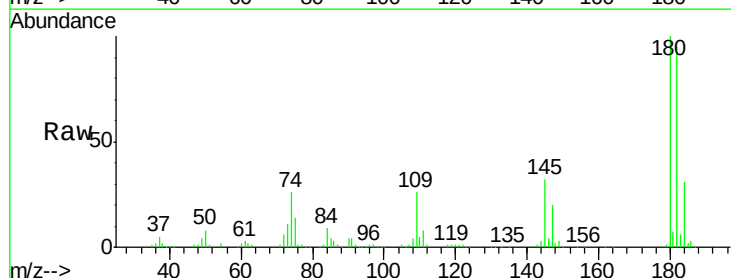


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

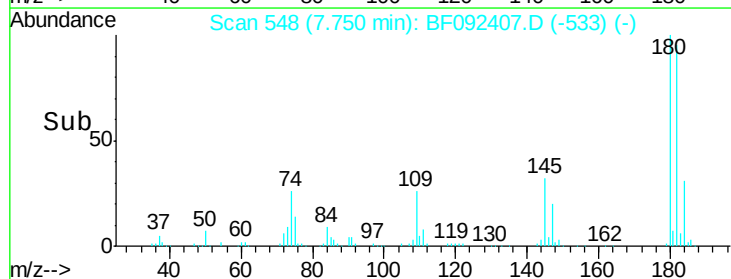
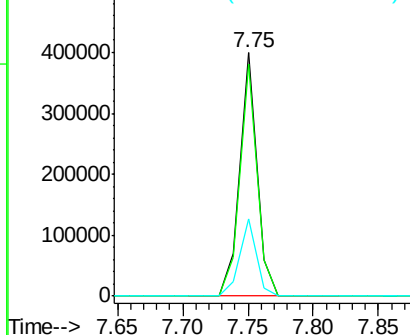


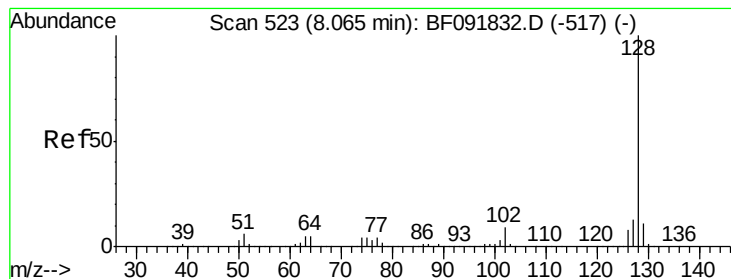
#30
1,2,4-Trichlorobenzene
Concen: 38.89 ng
RT: 7.75 min Scan# 548
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:180 Resp: 364874
Ion Ratio Lower Upper
180 100
182 95.4 78.2 117.4
145 31.8 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: 40.46 ng

RT: 7.83 min Scan# 555

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

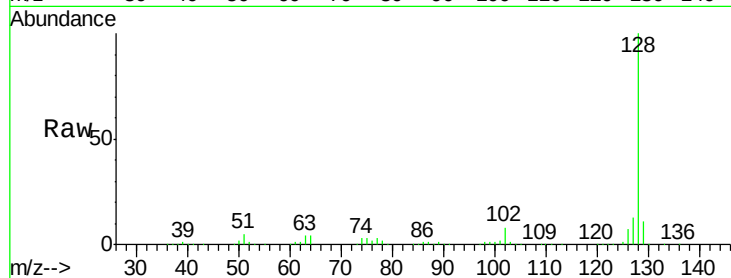
Tgt Ion:128 Resp: 1194947

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

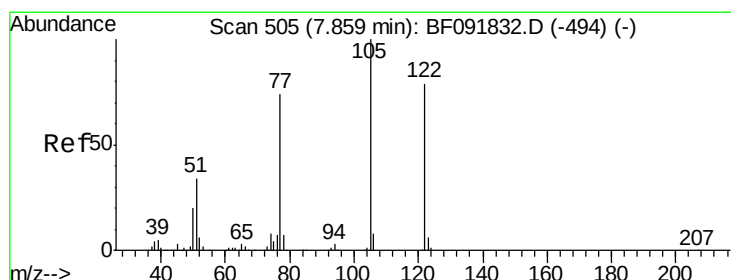
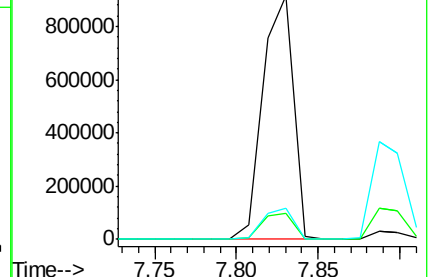
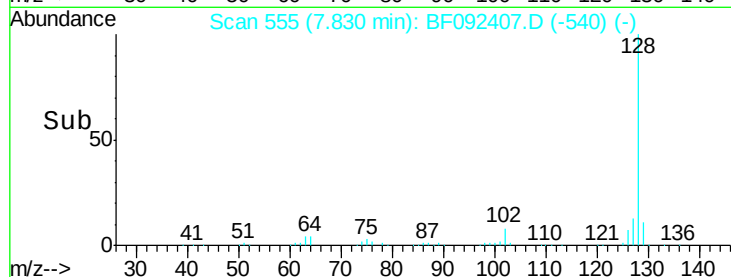
127 12.7 10.8 16.2



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: 30.69 ng

RT: 7.66 min Scan# 540

Delta R.T. -0.09 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

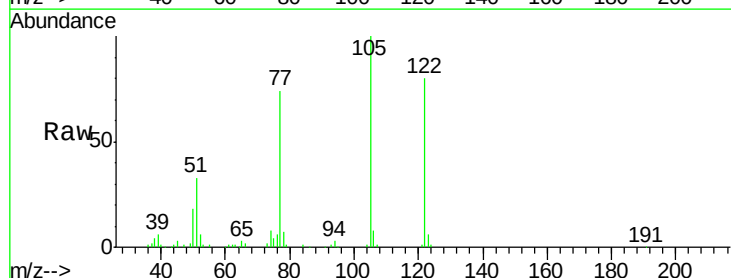
Tgt Ion:122 Resp: 230132

Ion Ratio Lower Upper

122 100

105 125.4 107.2 147.2

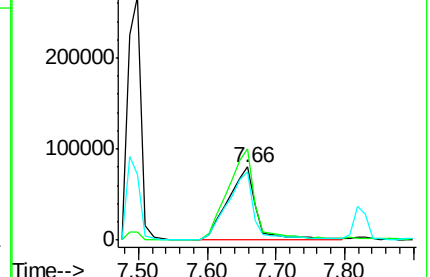
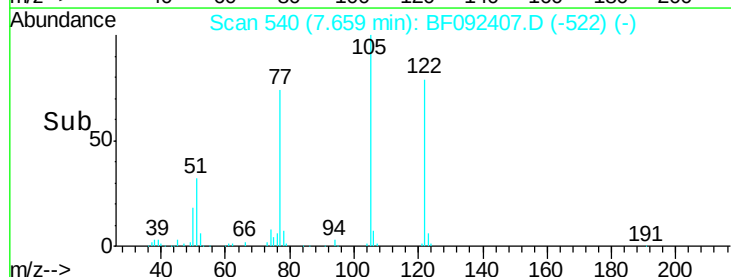
77 92.8 74.5 114.5

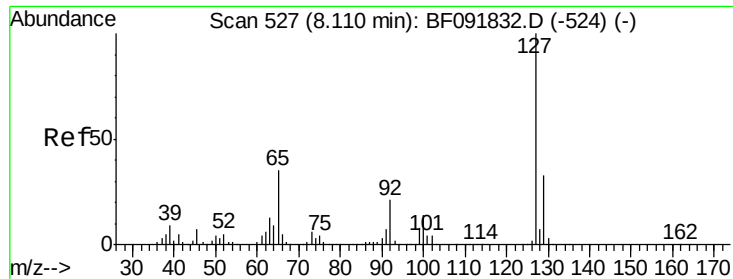


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

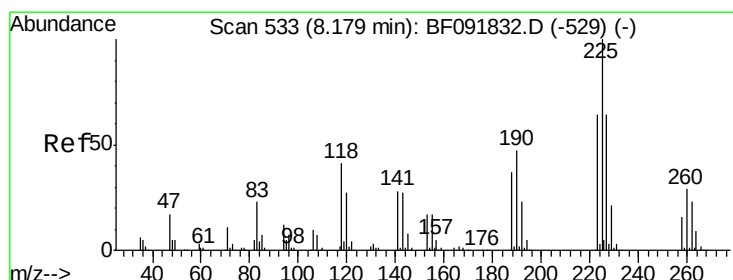
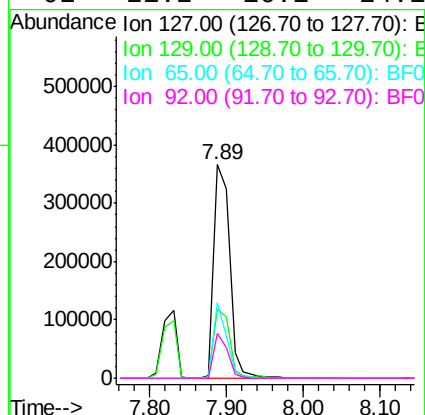
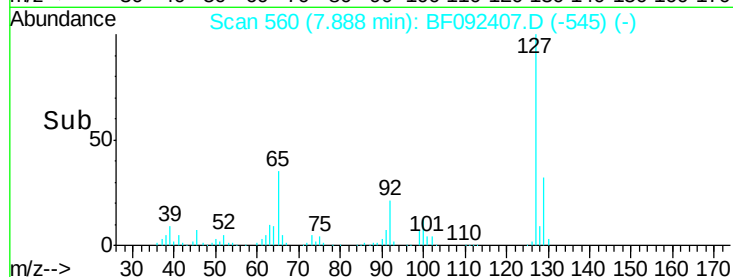
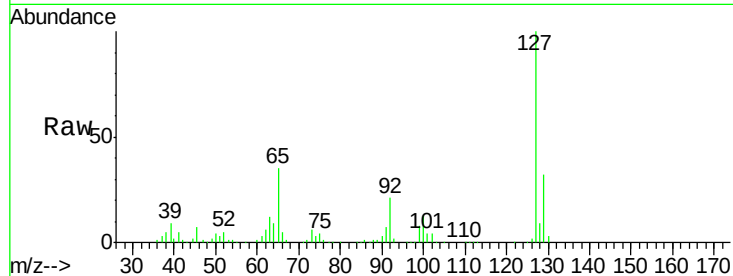




#33
4-Chloroaniline
Concen: 39.49 ng
RT: 7.89 min Scan# 560
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

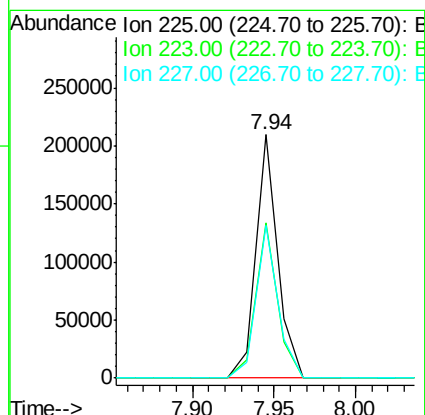
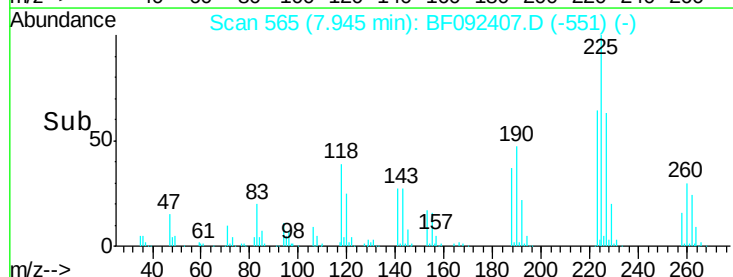
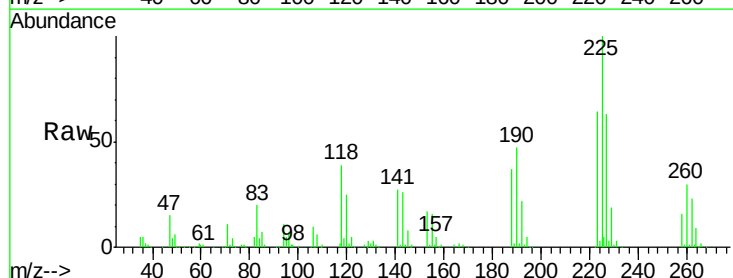
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

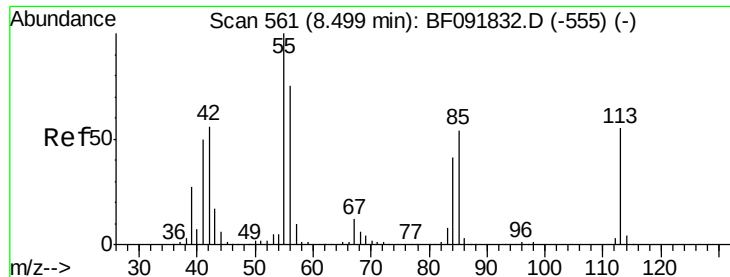
Tgt Ion:	127	Resp:	525968
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	35.4	25.8	38.8
92	21.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.37 ng
RT: 7.94 min Scan# 565
Delta R.T. -0.14 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:	225	Resp:	194948
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.8	50.6	76.0

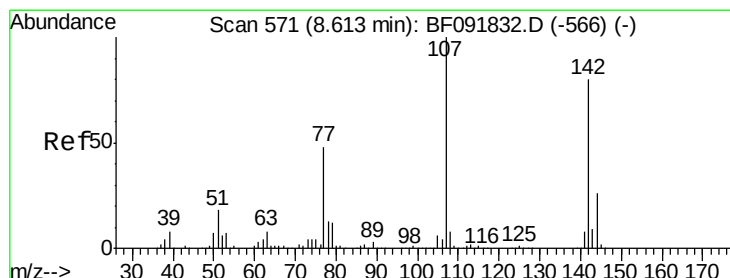
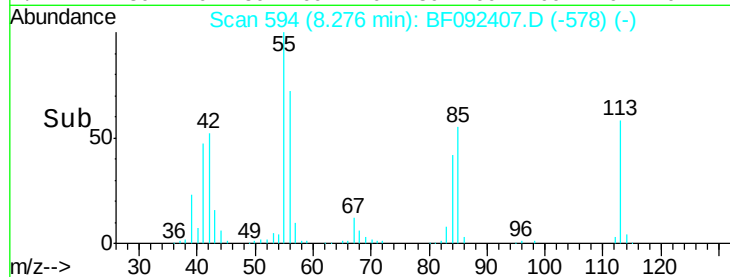
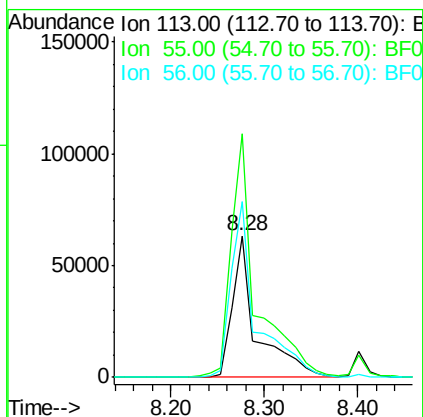
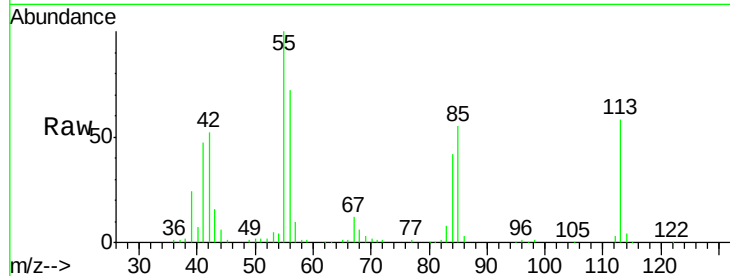




#35
 Caprolactam
 Concen: 40.89 ng
 RT: 8.28 min Scan# 594
 Delta R.T. -0.11 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

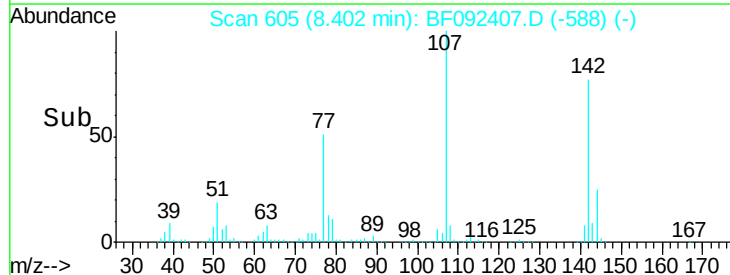
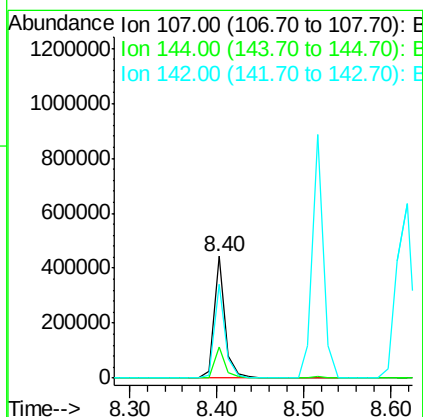
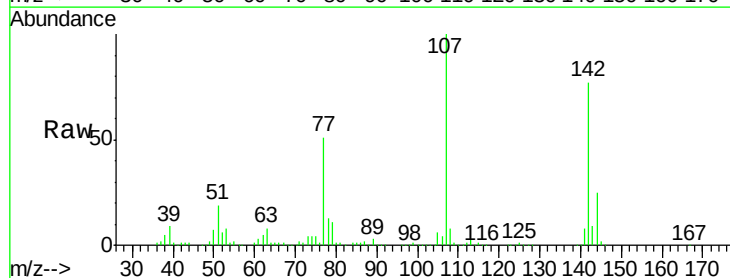
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

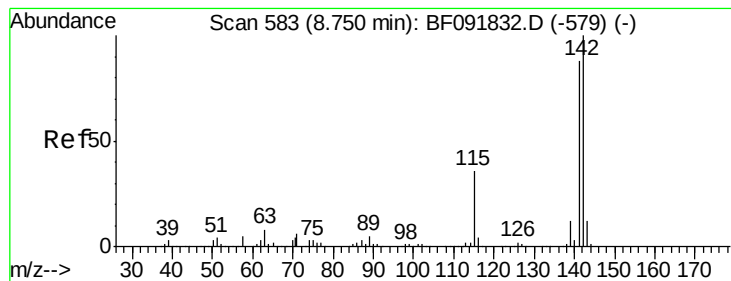
Tgt Ion:113 Resp: 115037
 Ion Ratio Lower Upper
 113 100
 55 172.2 119.2 159.2#
 56 124.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.82 ng
 RT: 8.40 min Scan# 605
 Delta R.T. -0.10 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:107 Resp: 392267
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.3 28.9
 142 76.9 59.0 88.6





#37

2-Methylnaphthalene

Concen: 42.38 ng

RT: 8.52 min Scan# 615

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

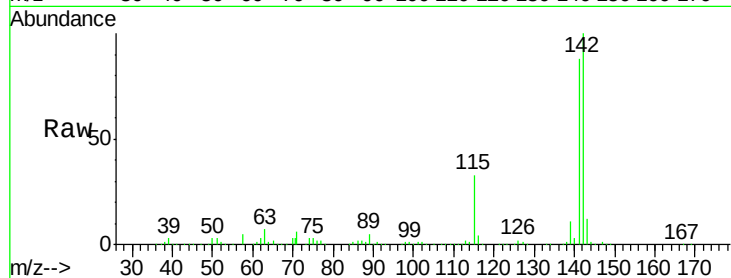
Tgt Ion:142 Resp: 774596

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6

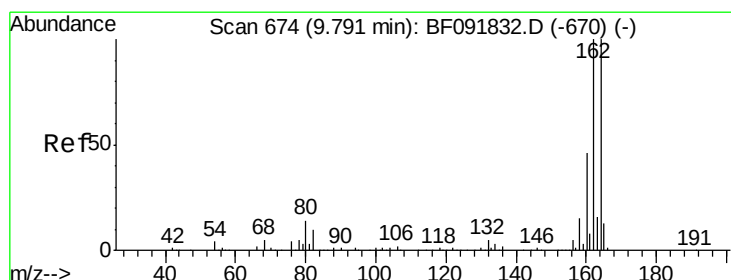
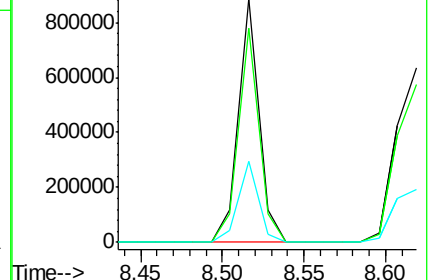
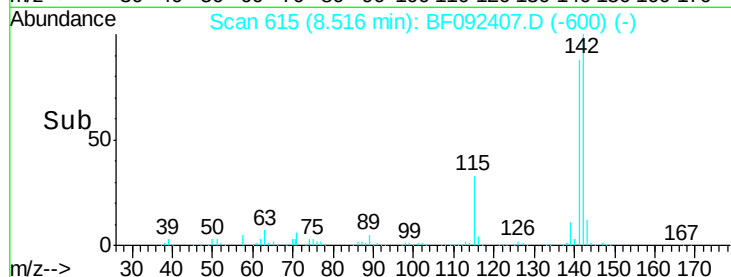
115 33.4 28.3 42.5



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: 9.56 min Scan# 706

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

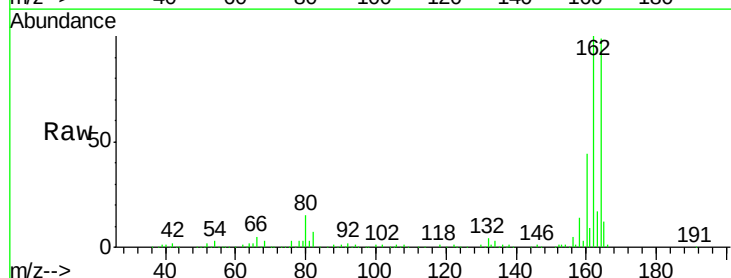
Tgt Ion:164 Resp: 334885

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

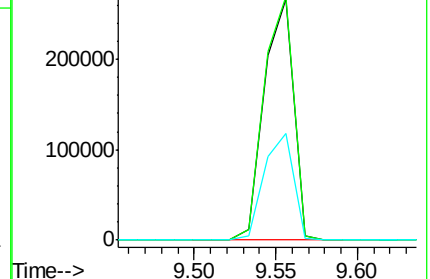
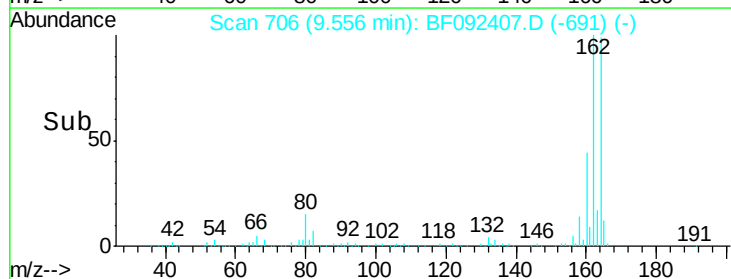
160 44.2 36.9 55.3

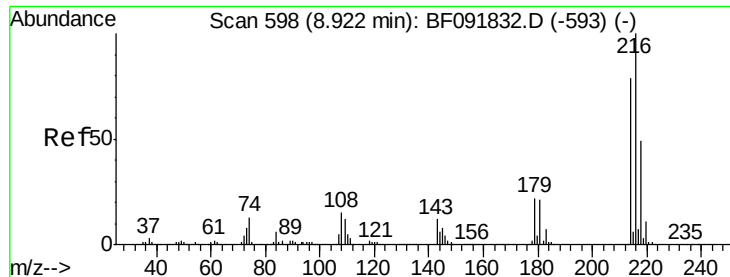


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

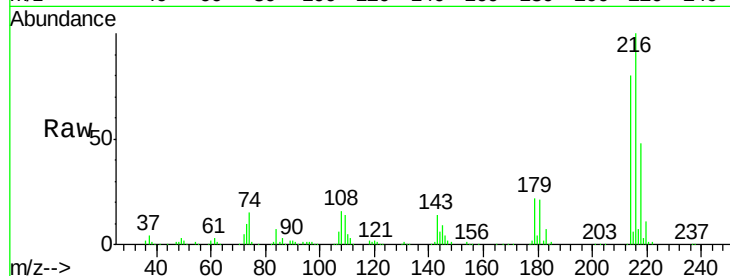




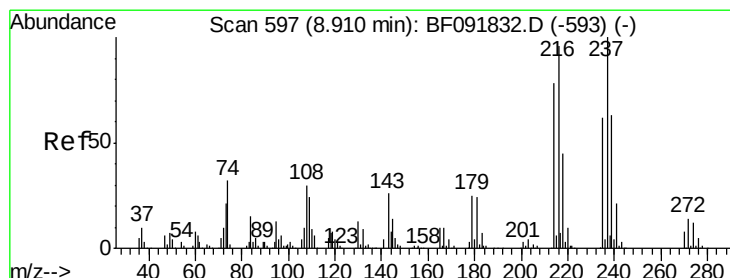
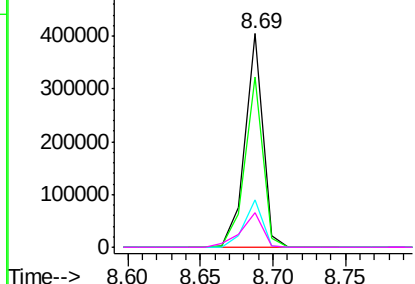
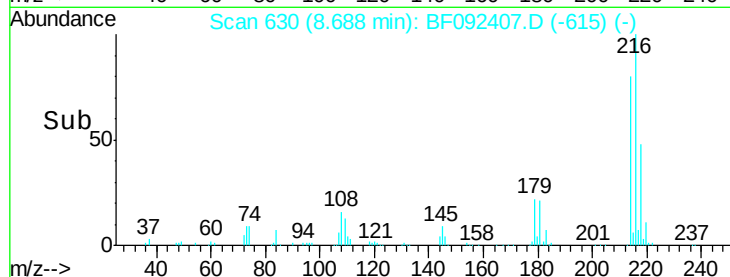
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.03 ng
 RT: 8.69 min Scan# 630
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	347143
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.0
179	22.5	17.4	26.2
108	19.6	15.6	23.4

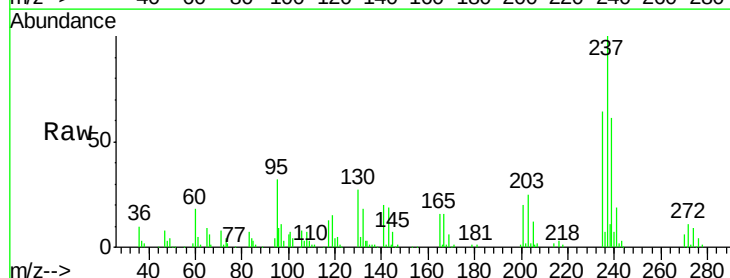


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

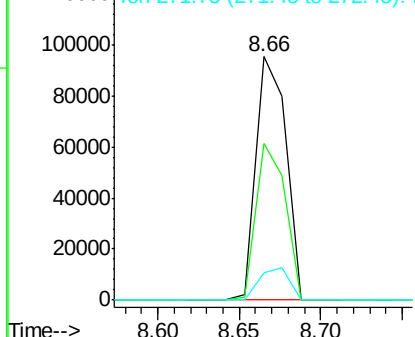
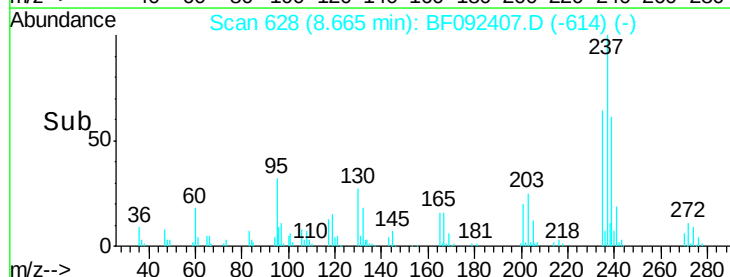


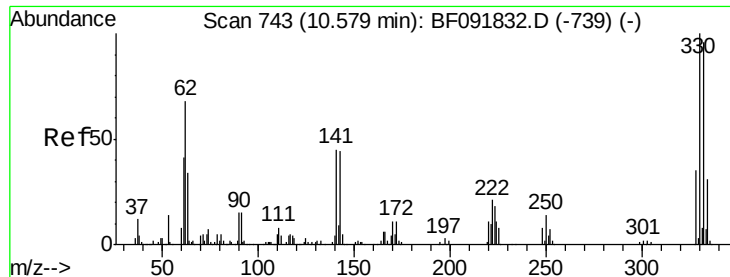
#40
 Hexachlorocyclopentadiene
 Concen: 34.85 ng
 RT: 8.66 min Scan# 628
 Delta R.T. -0.14 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:	237	Resp:	122430
Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.2	81.2
272	11.4	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

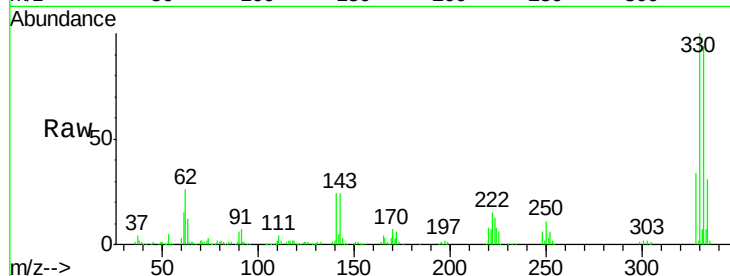




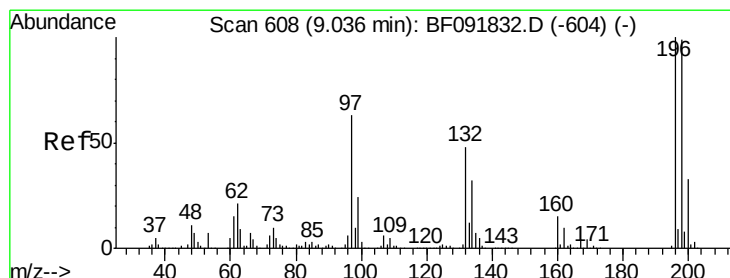
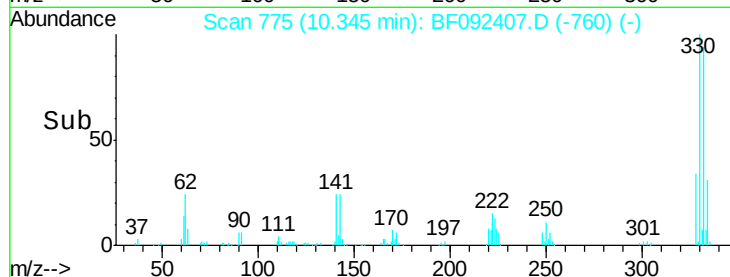
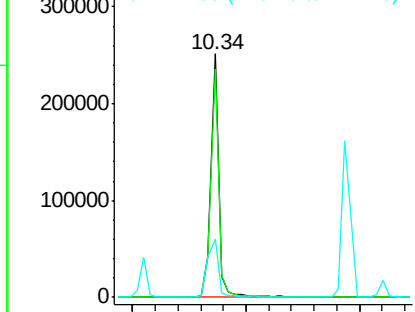
#41
 2,4,6-Tribromophenol
 Concen: 84.96 ng
 RT: 10.34 min Scan# 775
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 235474
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 32.2 34.1 51.1#

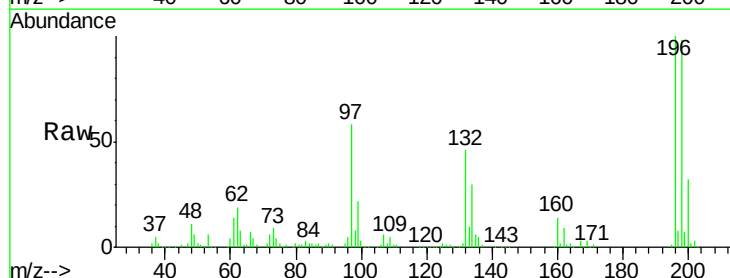


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

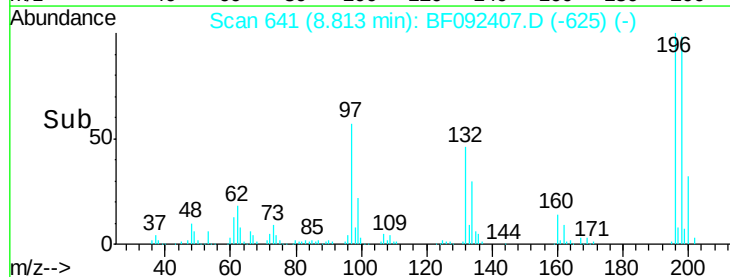
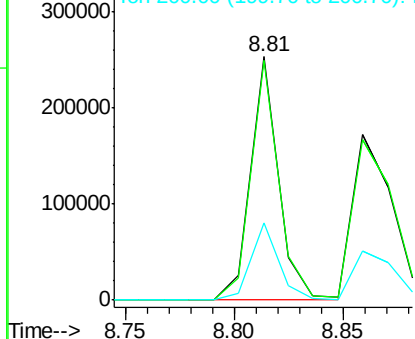


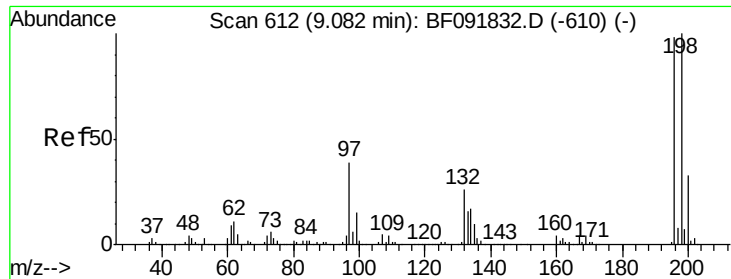
#42
 2,4,6-Trichlorophenol
 Concen: 38.18 ng
 RT: 8.81 min Scan# 641
 Delta R.T. -0.11 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:196 Resp: 225896
 Ion Ratio Lower Upper
 196 100
 198 98.3 82.1 123.1
 200 31.6 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

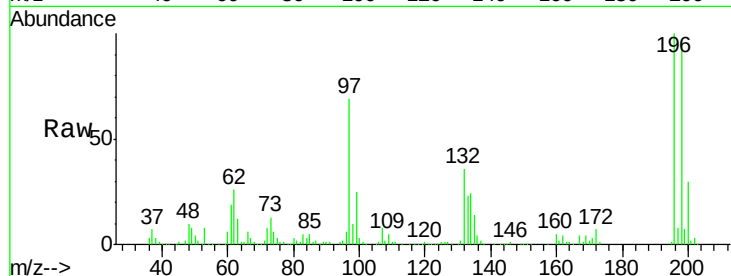




#43
 2,4,5-Trichlorophenol
 Concen: 36.77 ng
 RT: 8.86 min Scan# 645
 Delta R.T. -0.11 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.4	119.2
97	68.8	51.5	77.3
132	36.0	27.4	41.2



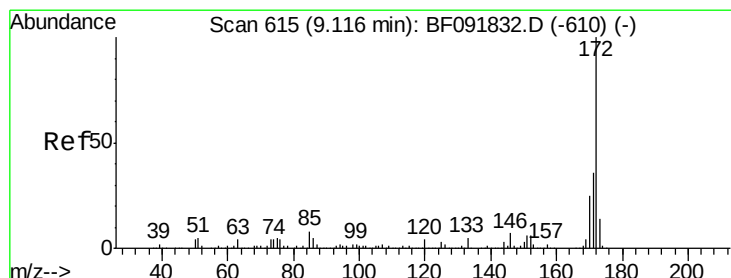
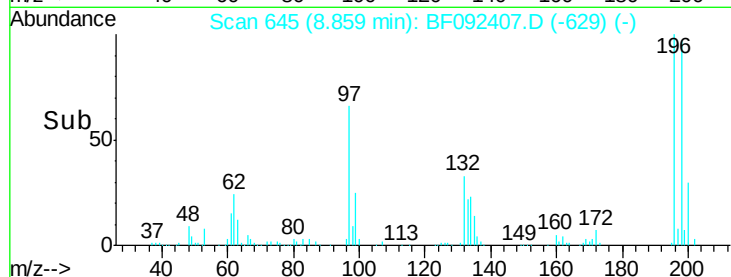
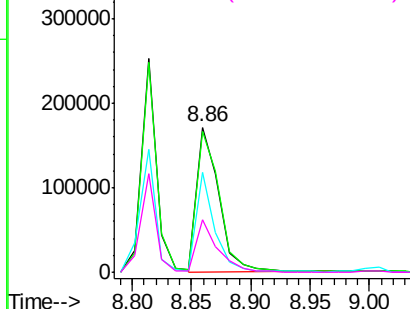
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

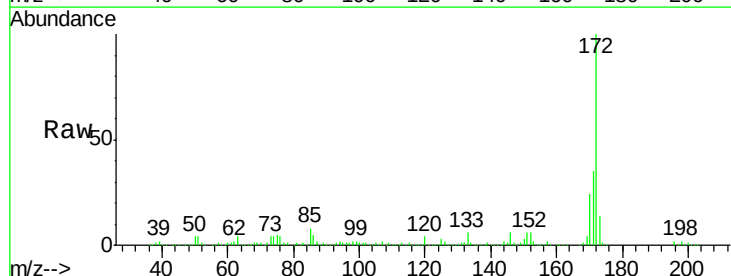
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 8.88 min Scan# 647
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.2	20.2	30.4

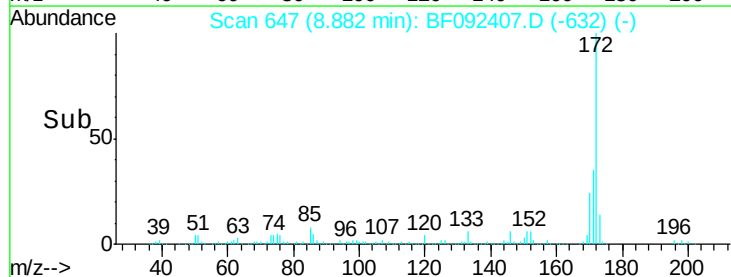
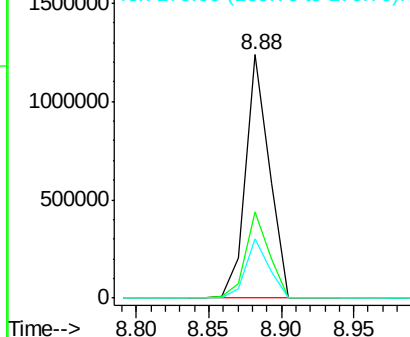


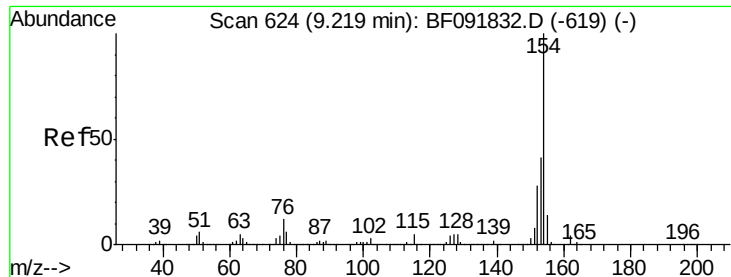
Abundance

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

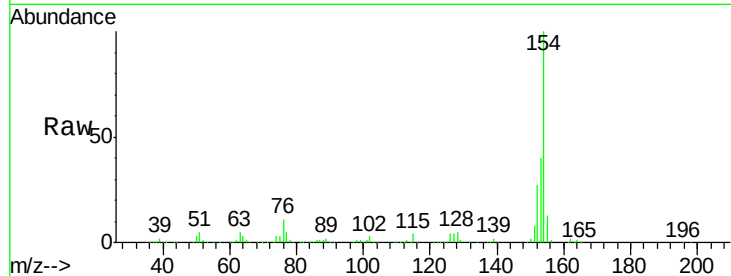




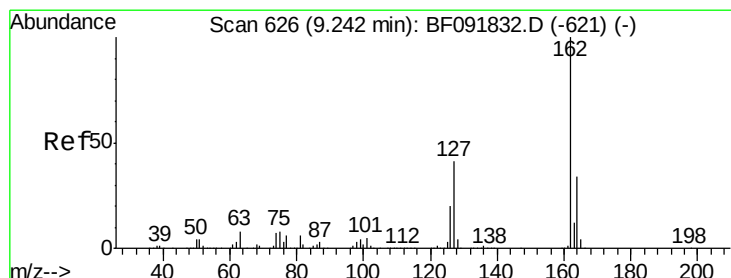
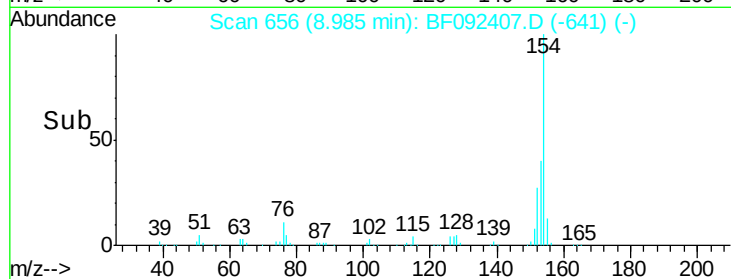
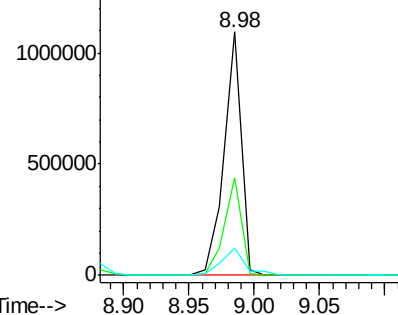
#45
 1,1'-Biphenyl
 Concen: 43.52 ng
 RT: 8.98 min Scan# 656
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:	154	Resp:	998008
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	11.1	0.0	30.5

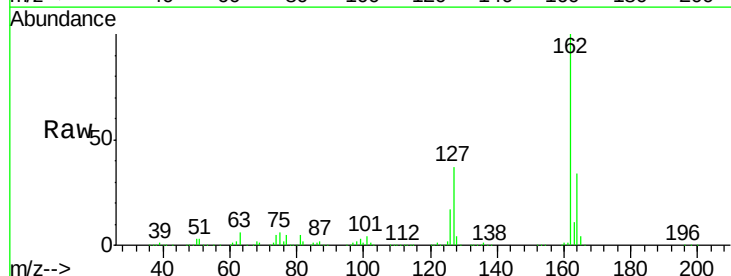


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

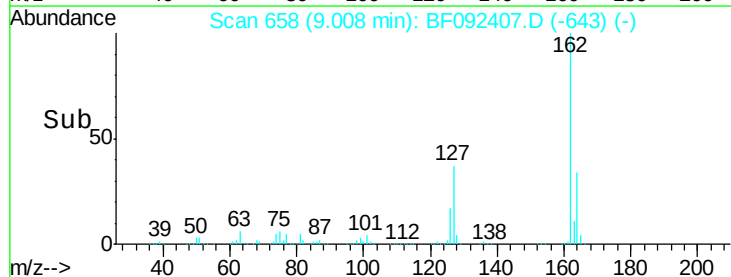
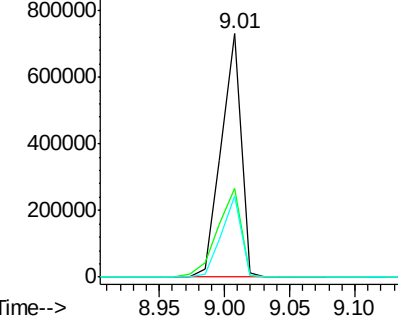


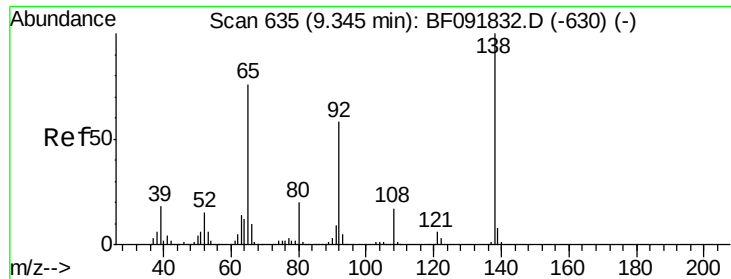
#46
 2-Chloronaphthalene
 Concen: 42.27 ng
 RT: 9.01 min Scan# 658
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:	162	Resp:	767565
Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.7	46.1
164	33.5	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

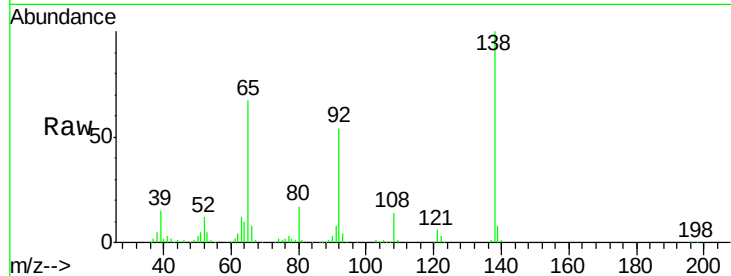




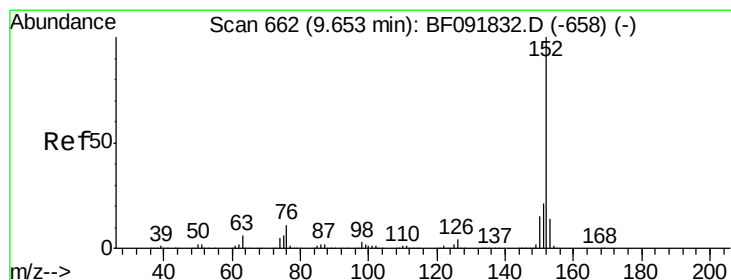
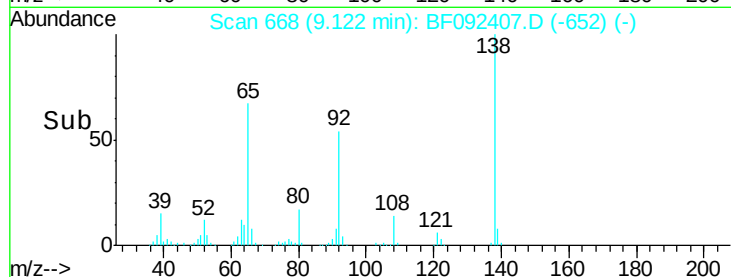
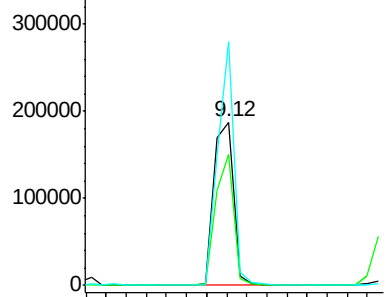
#47
2-Nitroaniline
Concen: 39.81 ng
RT: 9.12 min Scan# 668
Delta R.T. -0.11 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 257400
Ion Ratio Lower Upper
65 100
92 80.2 53.9 80.9
138 149.1 76.8 115.2#

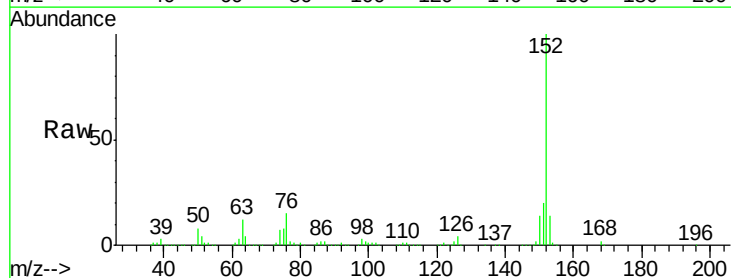


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

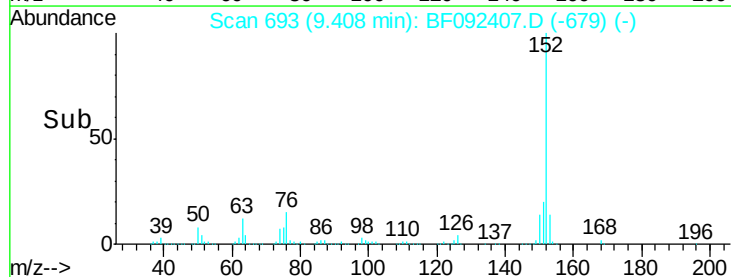
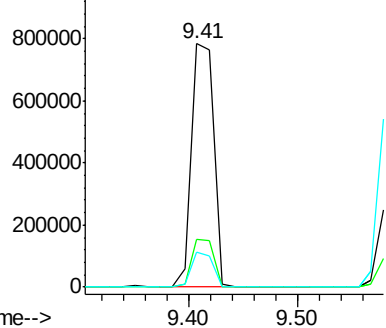


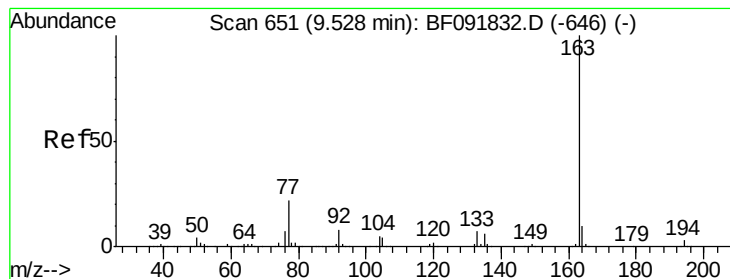
#48
Acenaphthylene
Concen: 39.82 ng
RT: 9.41 min Scan# 693
Delta R.T. -0.14 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion: 152 Resp: 1111957
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 14.2 11.4 17.2



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





#49

Dimethylphthalate

Concen: 40.25 ng

RT: 9.29 min Scan# 683

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

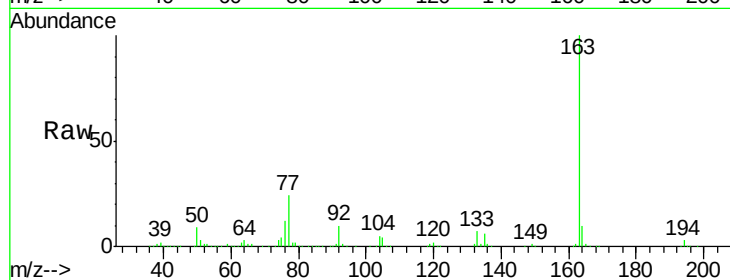
Tgt Ion:163 Resp: 862179

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

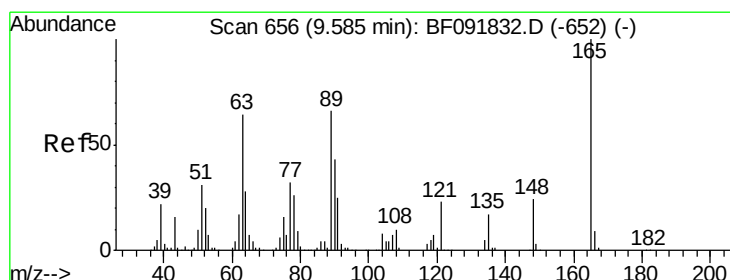
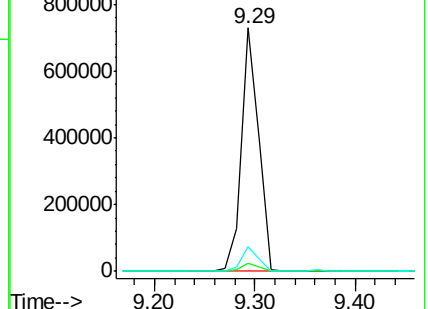
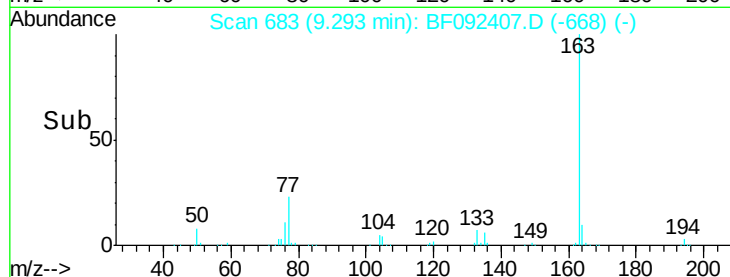
164 10.3 8.0 12.0



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: 44.45 ng

RT: 9.36 min Scan# 689

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

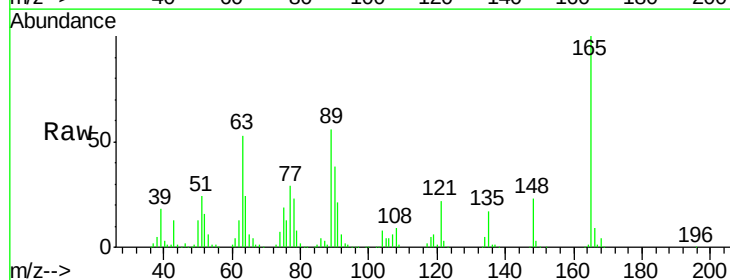
Tgt Ion:165 Resp: 208375

Ion Ratio Lower Upper

165 100

63 52.7 36.2 54.4

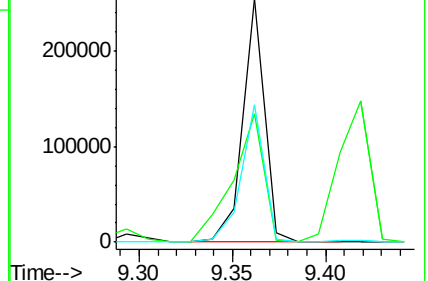
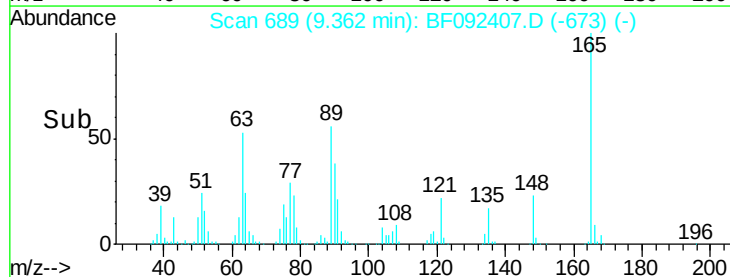
89 56.4 40.2 60.4

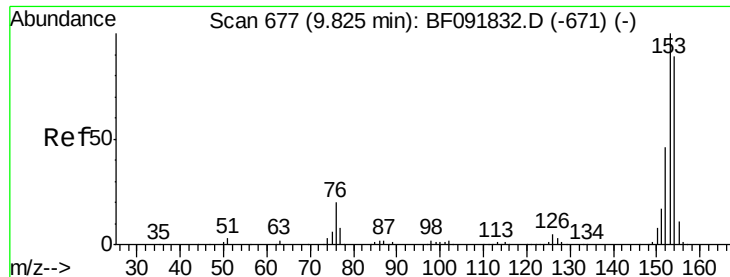


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.55 ng

RT: 9.59 min Scan# 709

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

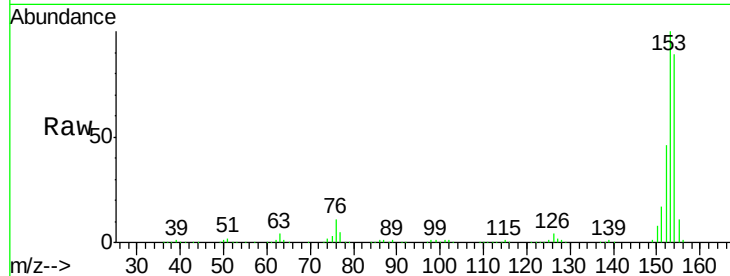
Tgt Ion:154 Resp: 748876

Ion Ratio Lower Upper

154 100

153 112.0 88.6 133.0

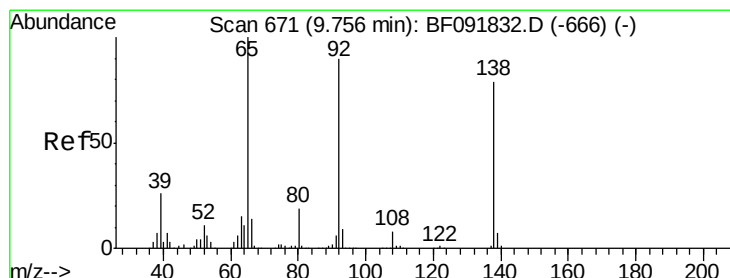
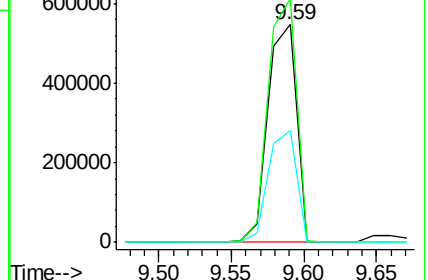
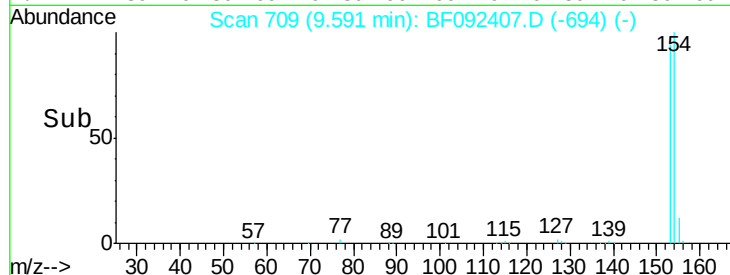
152 51.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.03 ng

RT: 9.53 min Scan# 704

Delta R.T. -0.11 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

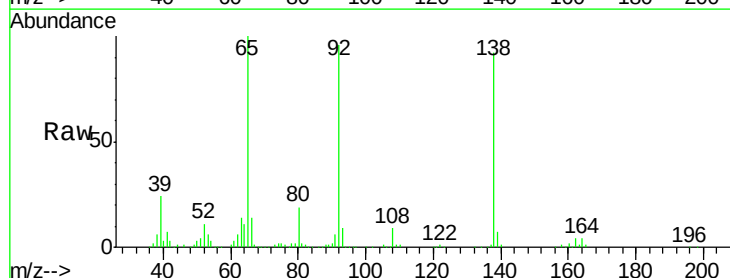
Tgt Ion:138 Resp: 267030

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

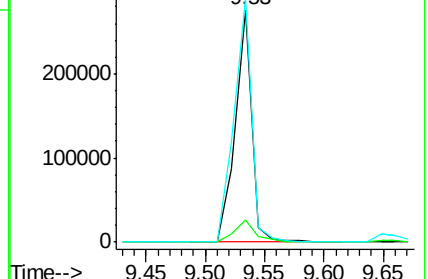
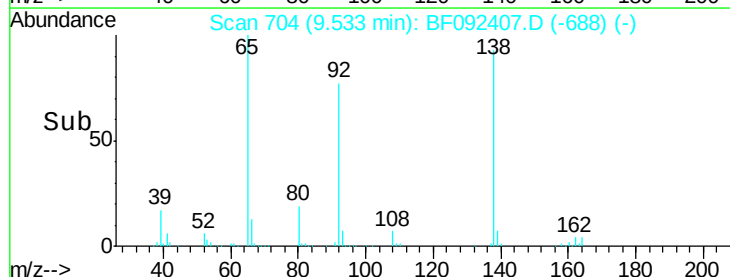
92 104.6 97.8 146.8

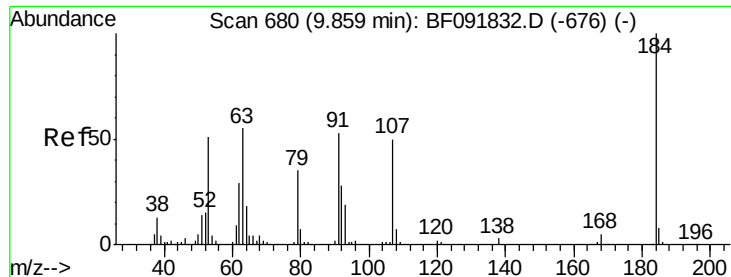


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

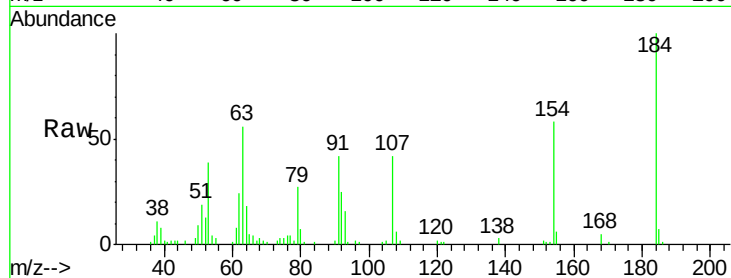




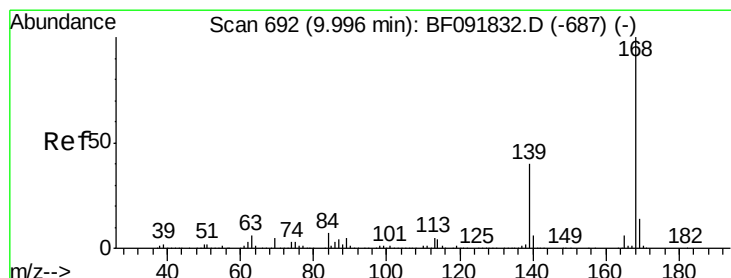
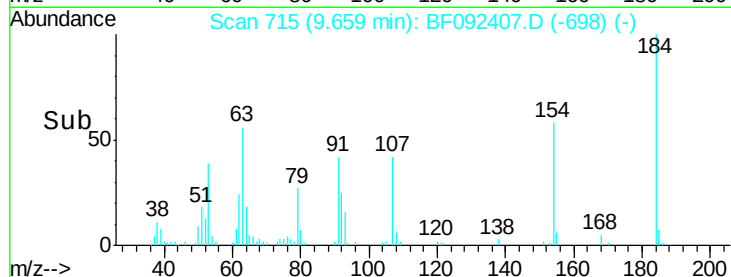
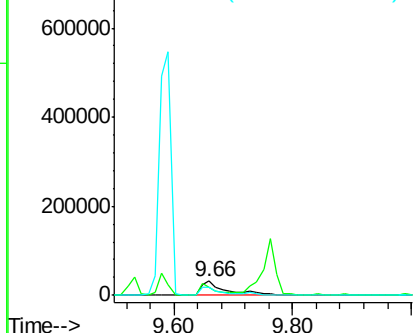
#53
 2,4-Dinitrophenol
 Concen: 36.69 ng
 RT: 9.66 min Scan# 715
 Delta R.T. -0.10 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 95719
 Ion Ratio Lower Upper
 184 100
 63 56.0 28.4 42.6#
 154 57.6 44.3 66.5

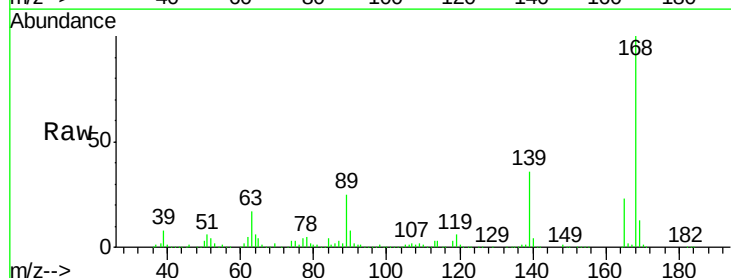


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

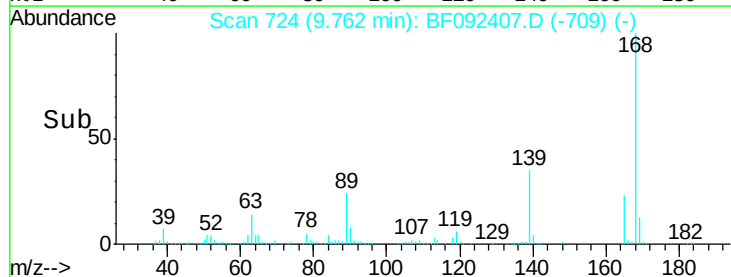
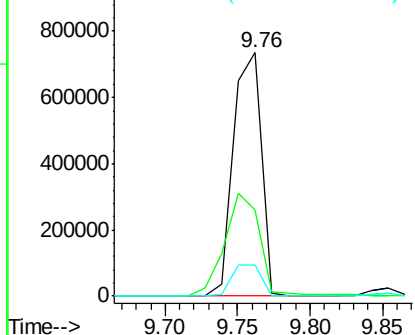


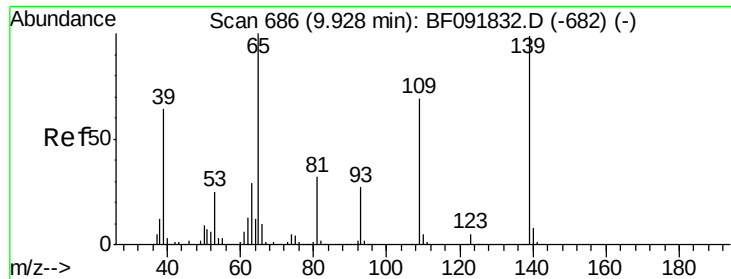
#54
 Dibenzofuran
 Concen: 38.52 ng
 RT: 9.76 min Scan# 724
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:168 Resp: 984817
 Ion Ratio Lower Upper
 168 100
 139 35.6 32.6 49.0
 169 13.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

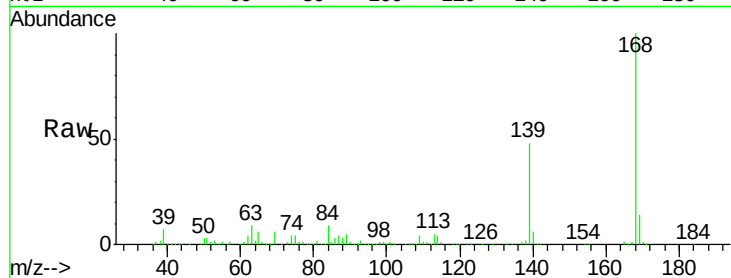




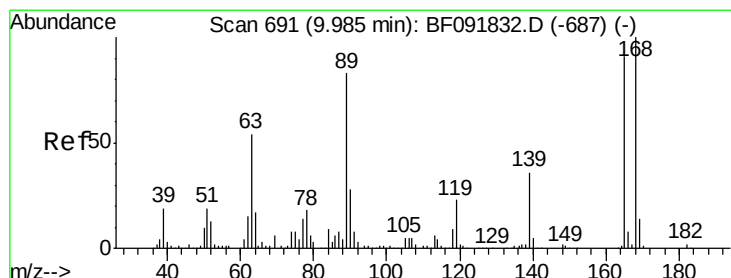
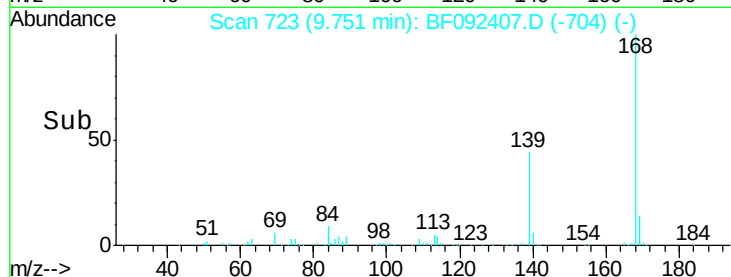
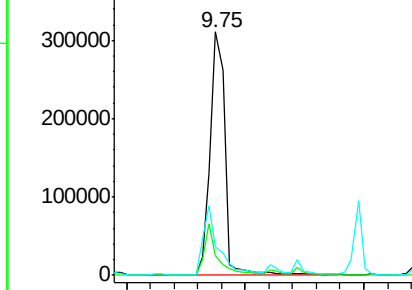
#55
4-Nitrophenol
Concen: 137.40 ng
RT: 9.75 min Scan# 723
Delta R.T. -0.08 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 541241
Ion Ratio Lower Upper
139 100
109 8.1 52.2 92.2#
65 11.8 85.8 125.8#

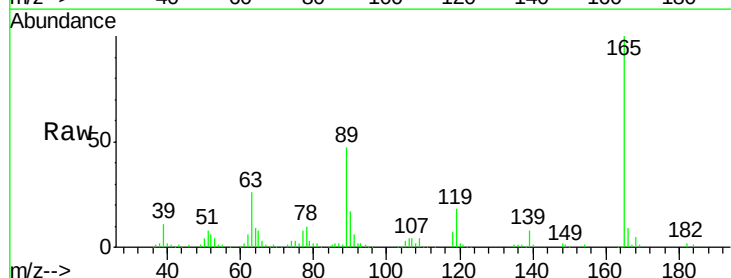


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

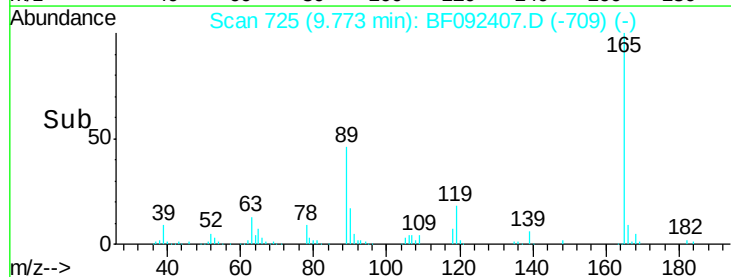
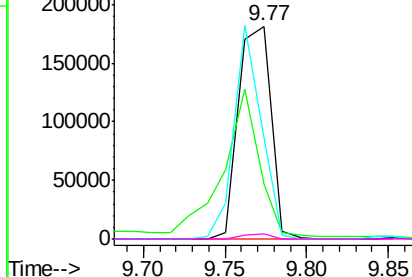


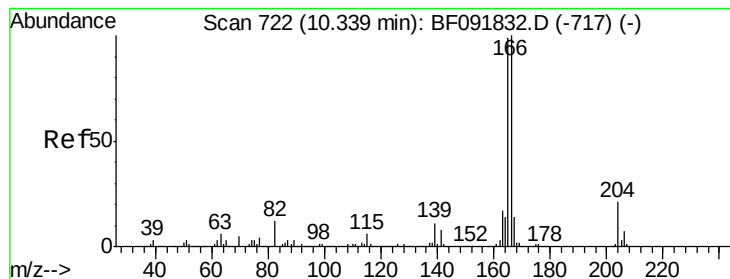
#56
2,4-Dinitrotoluene
Concen: 42.60 ng
RT: 9.77 min Scan# 725
Delta R.T. -0.11 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:165 Resp: 250640
Ion Ratio Lower Upper
165 100
63 25.8 40.2 60.4#
89 47.5 62.5 93.7#
182 2.2 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.46 ng

RT: 10.09 min Scan# 753

Delta R.T. -0.14 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

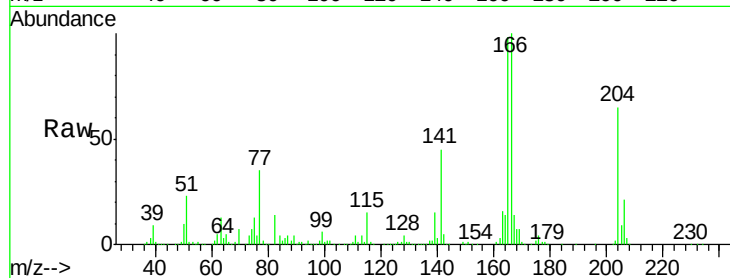
Tgt Ion:166 Resp: 752675

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

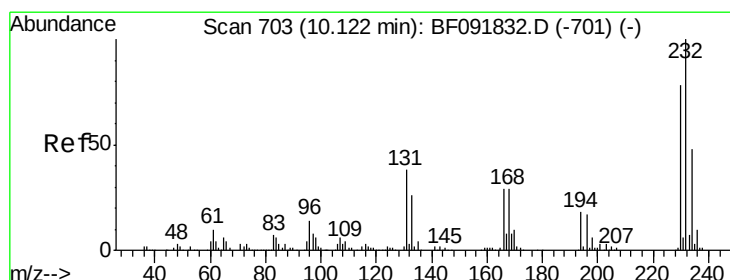
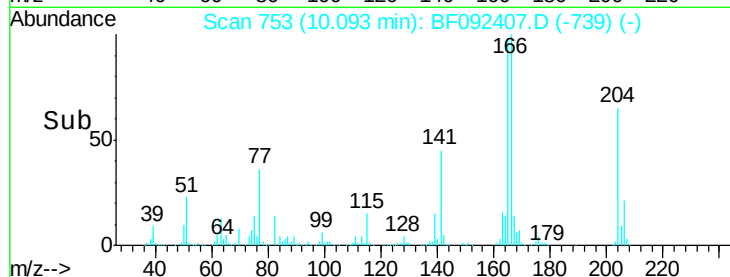
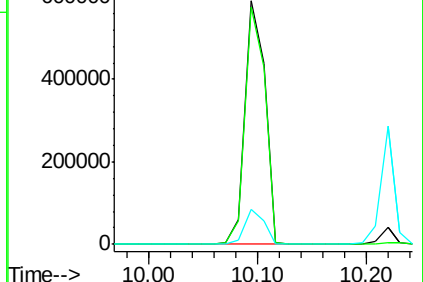
167 14.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.03 ng

RT: 9.89 min Scan# 735

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Tgt Ion:232 Resp: 178346

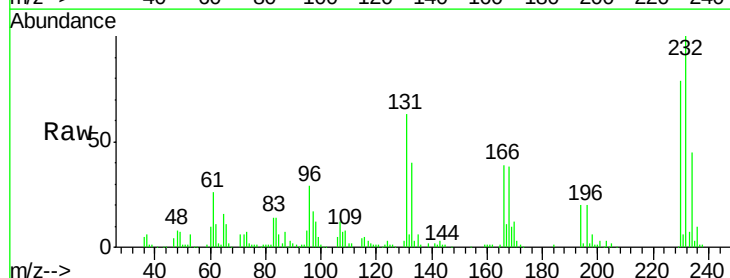
Ion Ratio Lower Upper

232 100

131 46.7 40.1 60.1

130 2.1 1.8 2.8

166 28.2 26.6 39.8

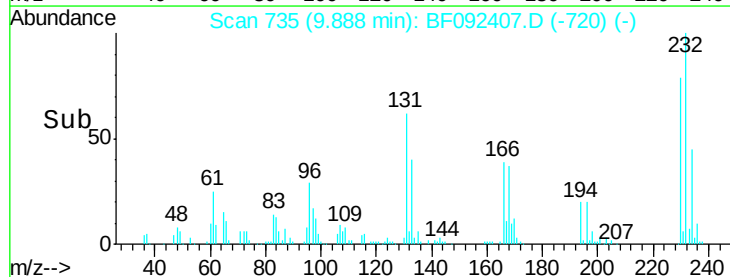
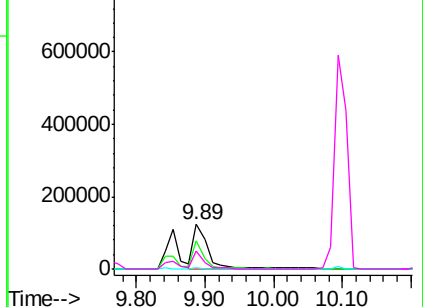


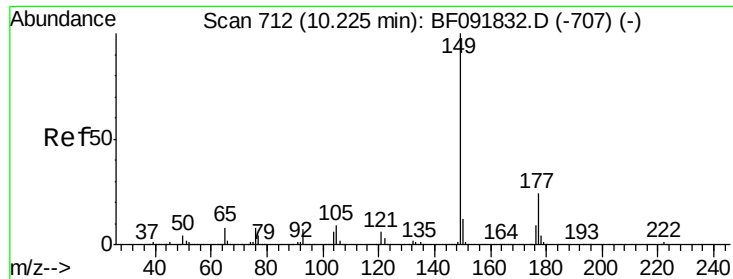
Abundance Ion 232.00 (231.70 to 232.70): E

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

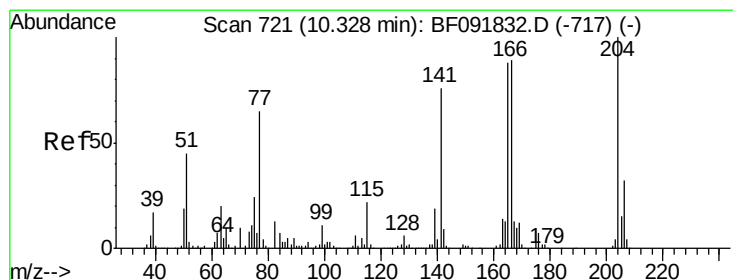
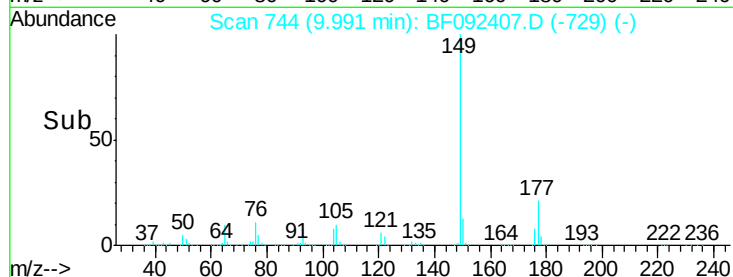
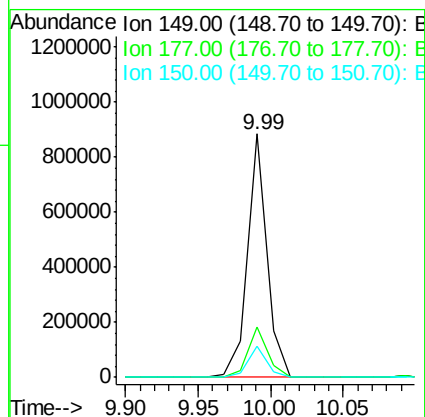
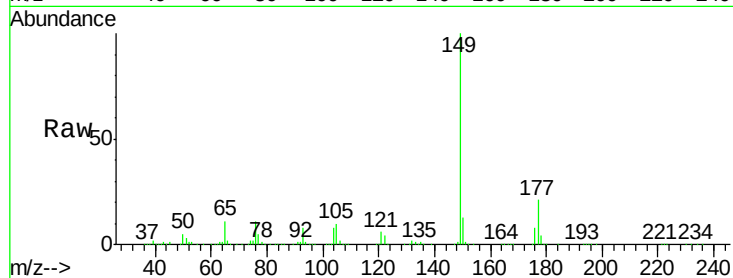




#59
Diethylphthalate
Concen: 39.57 ng
RT: 9.99 min Scan# 744
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

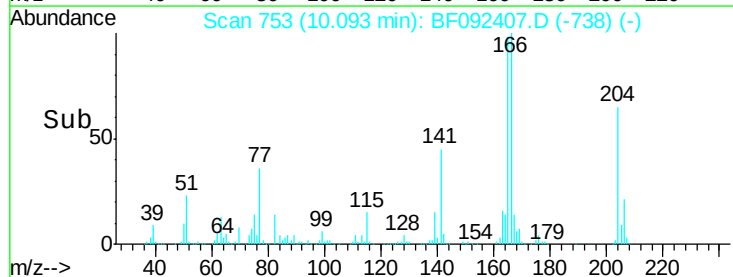
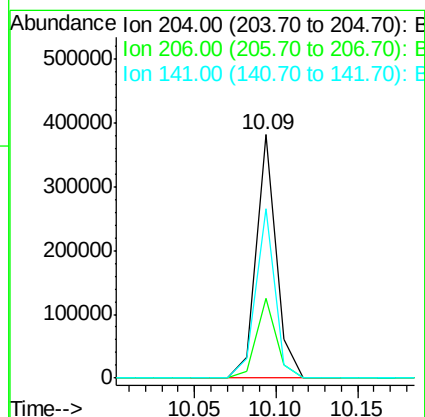
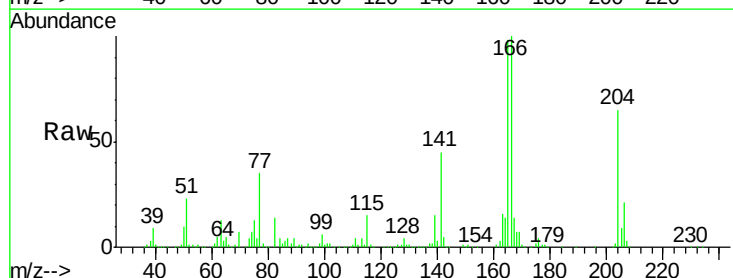
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

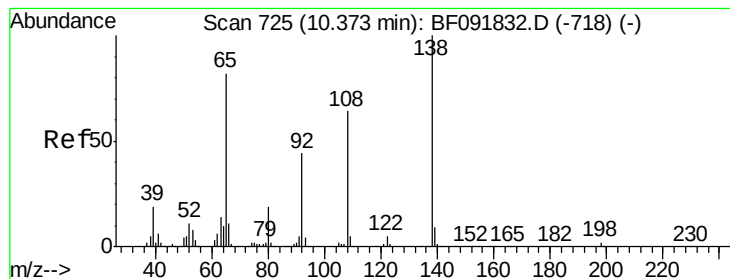
Tgt Ion:149 Resp: 823182
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.7 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 40.27 ng
RT: 10.09 min Scan# 753
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:204 Resp: 328042
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 69.6 59.4 89.0

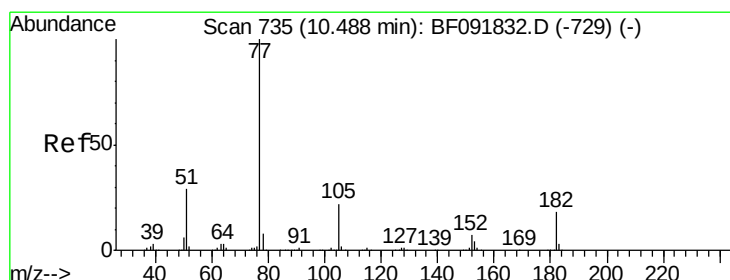
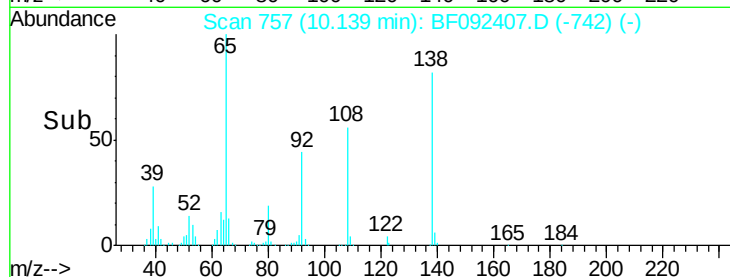
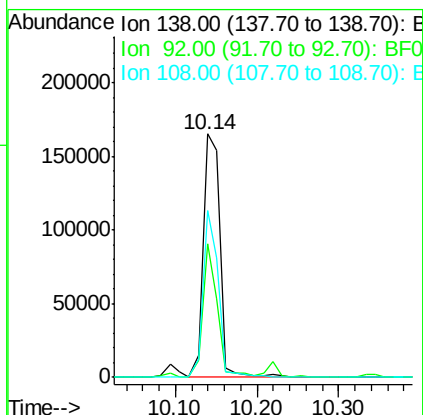
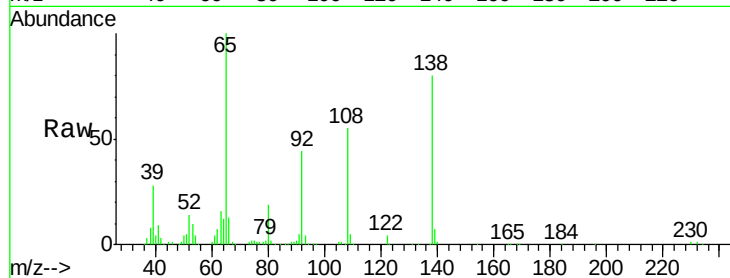




#61
4-Nitroaniline
Concen: 40.24 ng
RT: 10.14 min Scan# 757
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

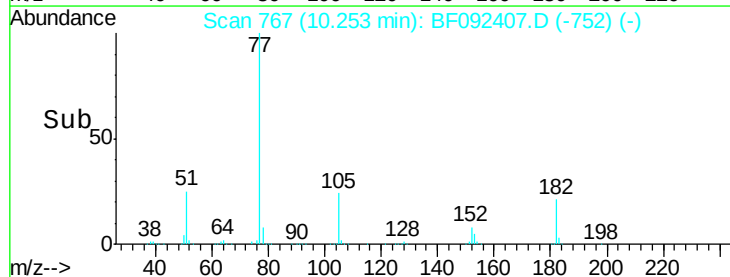
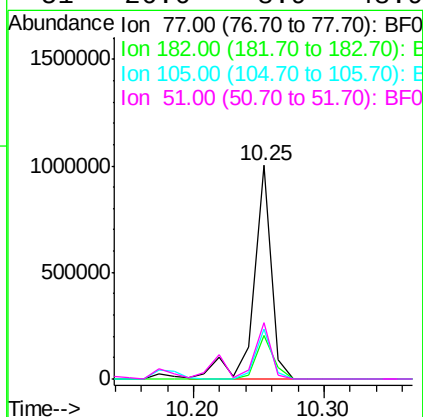
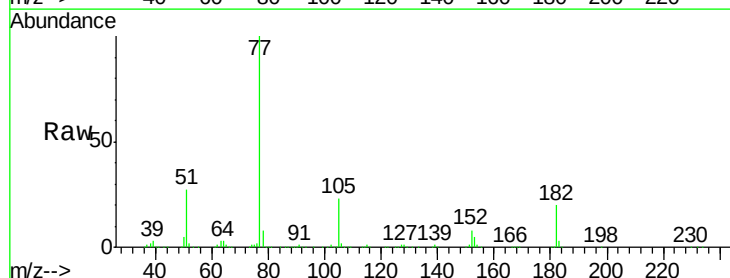
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

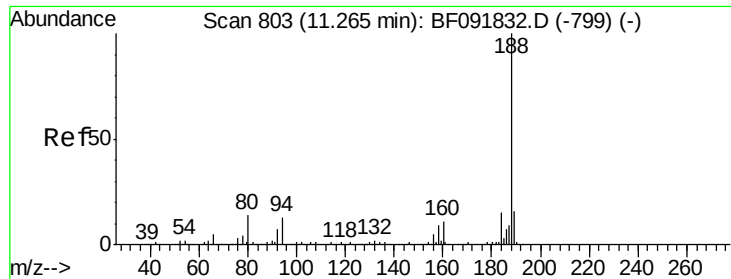
Tgt Ion: 138 Resp: 241904
Ion Ratio Lower Upper
138 100
92 54.7 31.7 71.7
108 68.8 52.6 92.6



#62
Azobenzene
Concen: 41.29 ng
RT: 10.25 min Scan# 767
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion: 77 Resp: 945604
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.3
105 23.4 2.3 42.3
51 26.6 8.9 48.9

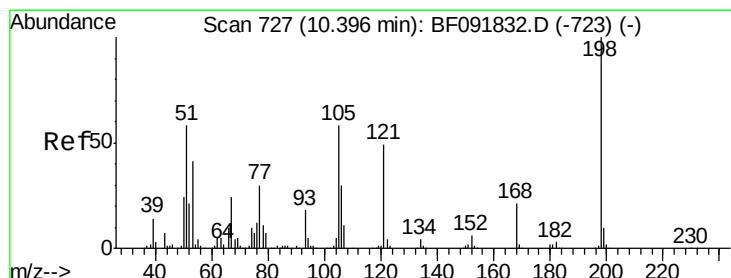
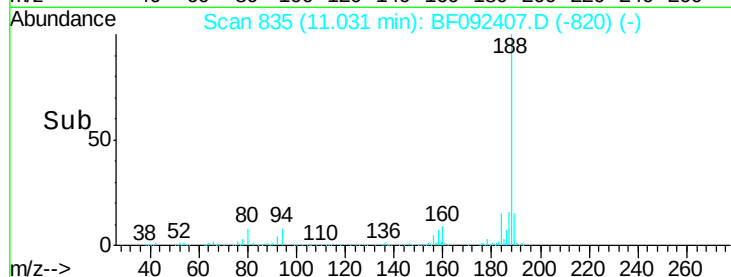
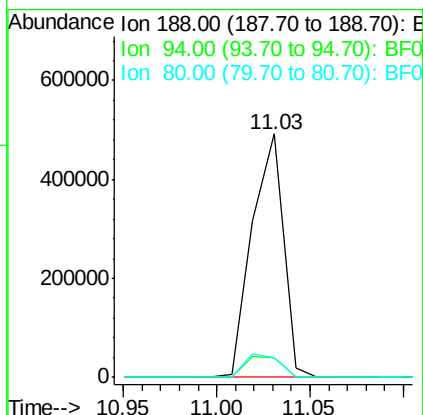
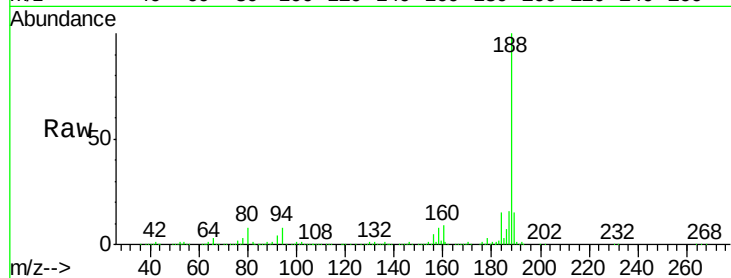




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 835
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

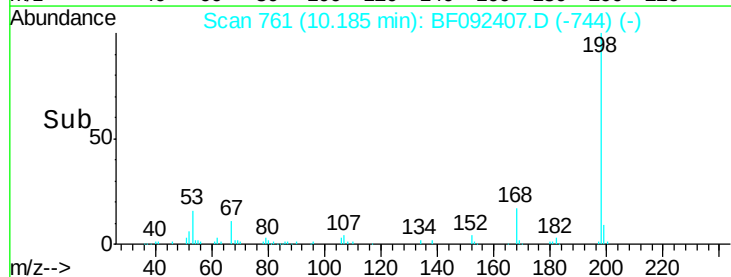
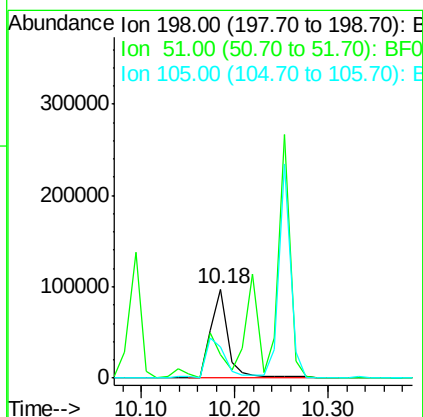
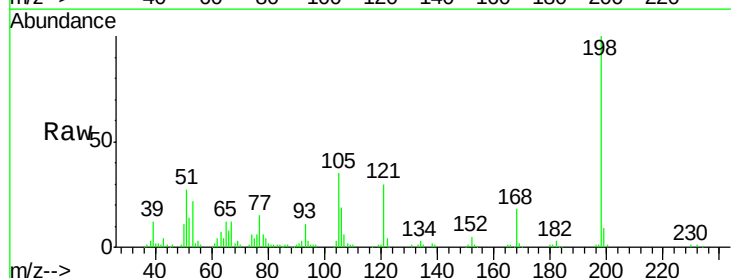
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

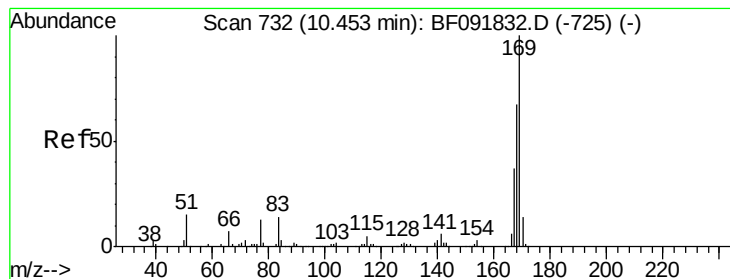
Tgt Ion:188 Resp: 572734
Ion Ratio Lower Upper
188 100
94 7.9 10.0 15.0#
80 7.9 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 36.72 ng
RT: 10.18 min Scan# 761
Delta R.T. -0.10 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:198 Resp: 127156
Ion Ratio Lower Upper
198 100
51 26.9 6.7 46.7
105 34.7 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 39.99 ng

RT: 10.22 min Scan# 764

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

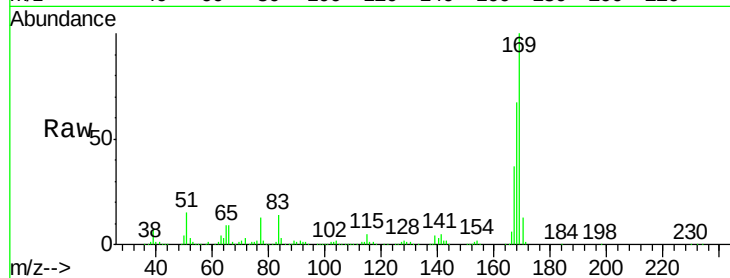
Tgt Ion:169 Resp: 679596

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

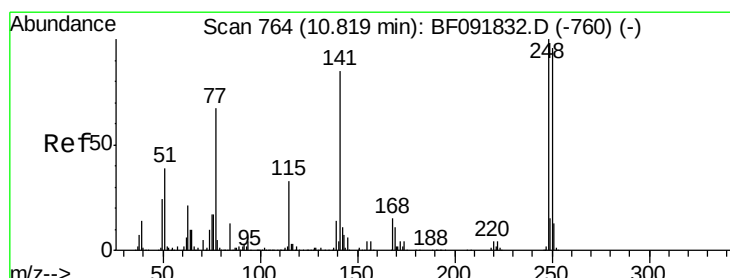
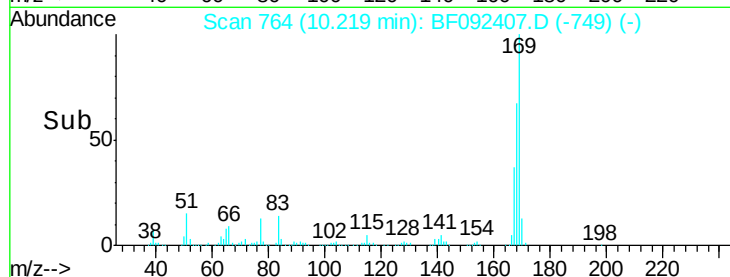
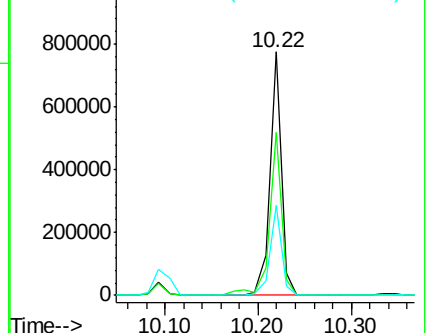
167 37.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.88 ng

RT: 10.58 min Scan# 796

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

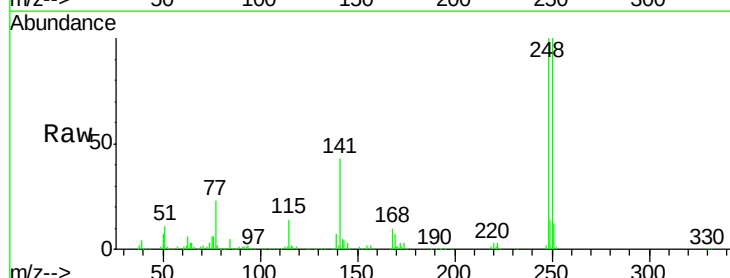
Tgt Ion:248 Resp: 237588

Ion Ratio Lower Upper

248 100

250 99.6 76.9 115.3

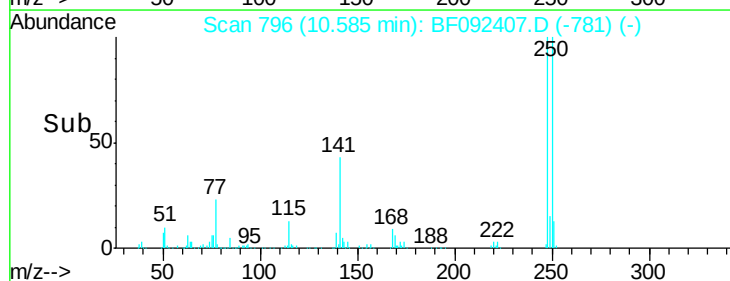
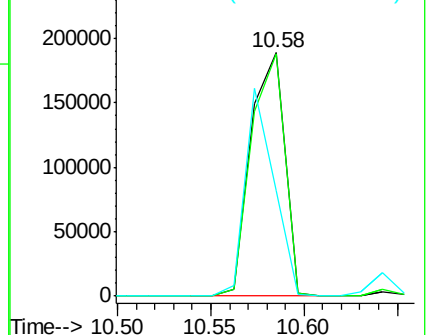
141 43.3 68.2 102.4#

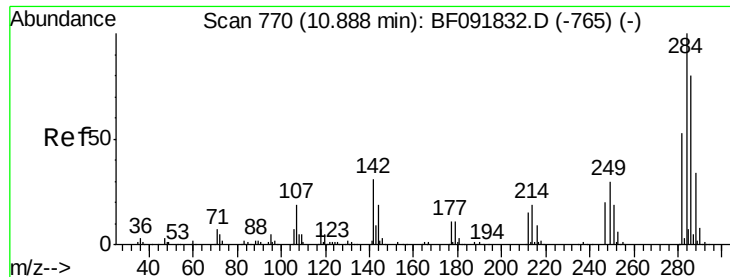


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

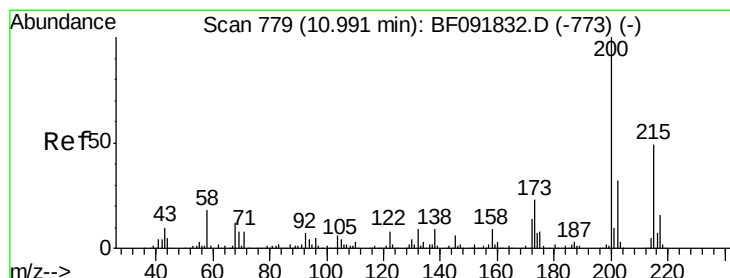
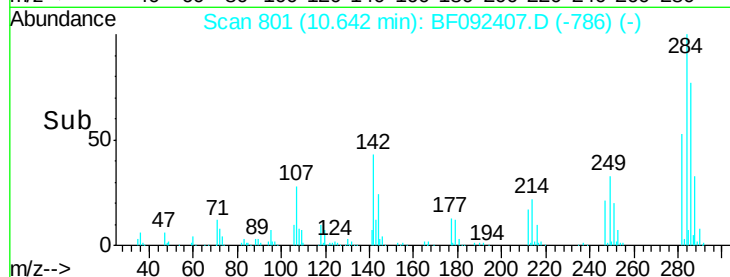
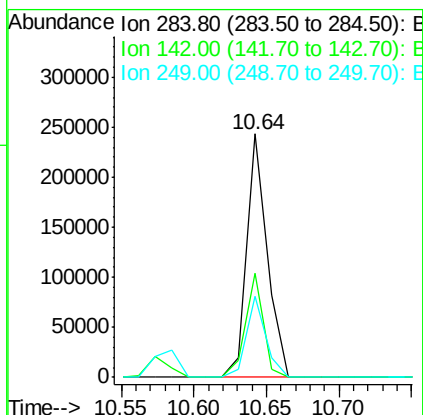
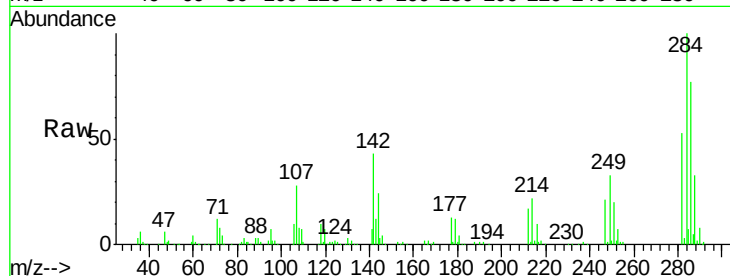




#67
Hexachlorobenzene
Concen: 37.35 ng
RT: 10.64 min Scan# 801
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

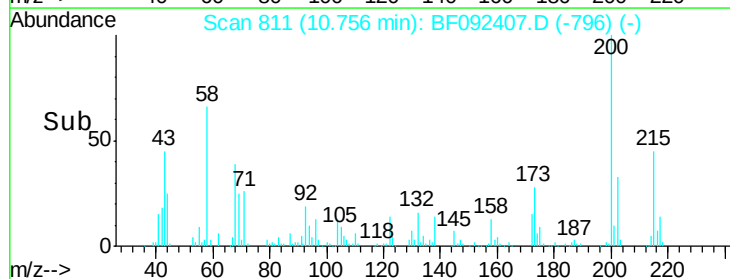
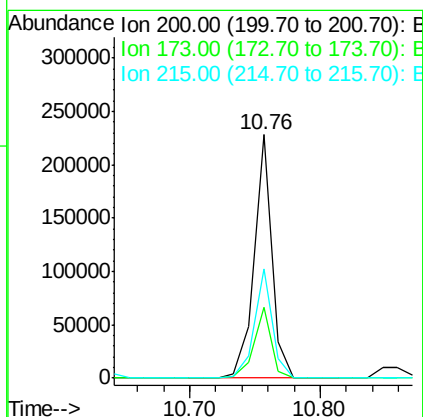
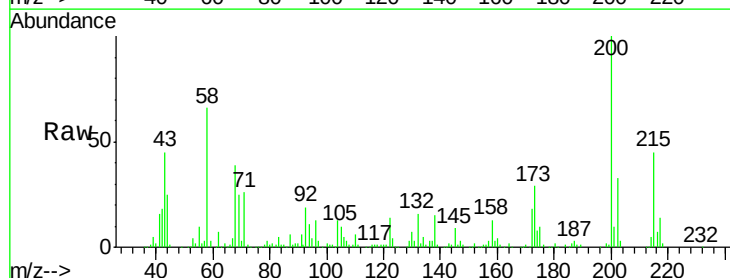
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

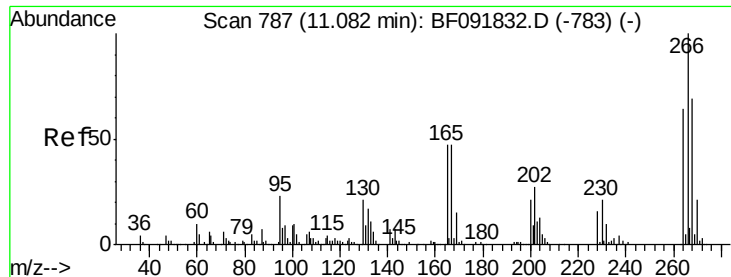
Tgt Ion: 284 Resp: 237832
Ion Ratio Lower Upper
284 100
142 42.7 22.6 33.8#
249 33.4 25.4 38.0



#68
Atrazine
Concen: 39.61 ng
RT: 10.76 min Scan# 811
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion: 200 Resp: 217152
Ion Ratio Lower Upper
200 100
173 29.1 9.6 49.6
215 44.9 25.7 65.7

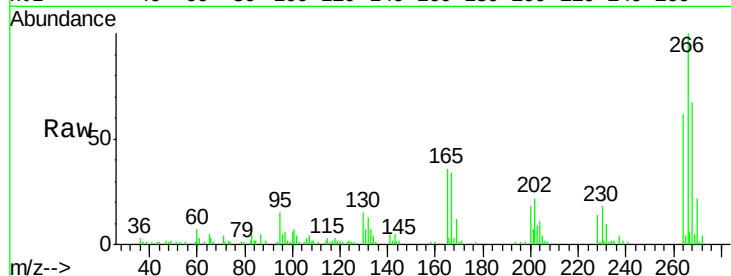




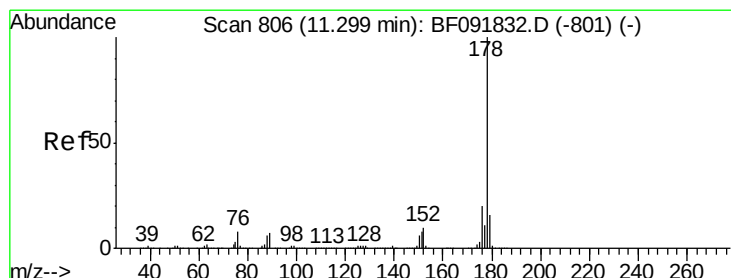
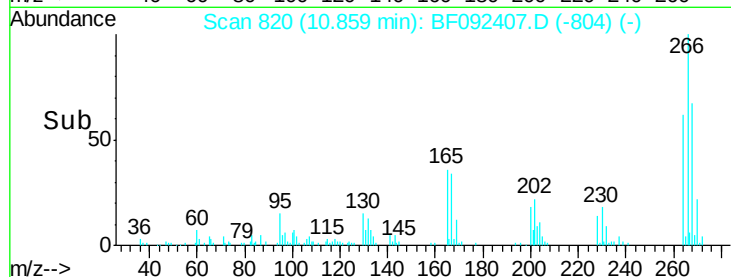
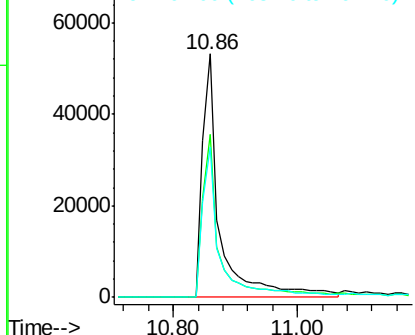
#69
 Pentachlorophenol
 Concen: 33.48 ng
 RT: 10.86 min Scan# 820
 Delta R.T. -0.11 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 104618
 Ion Ratio Lower Upper
 266 100
 268 66.7 53.3 79.9
 264 61.6 50.3 75.5

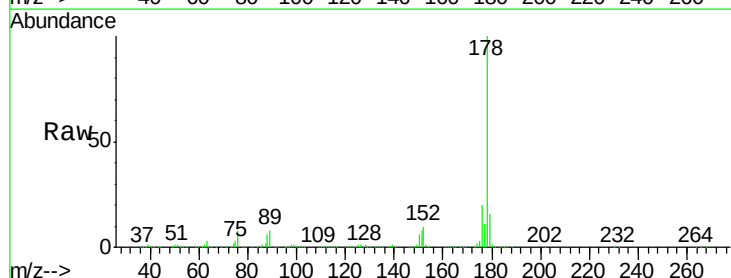


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

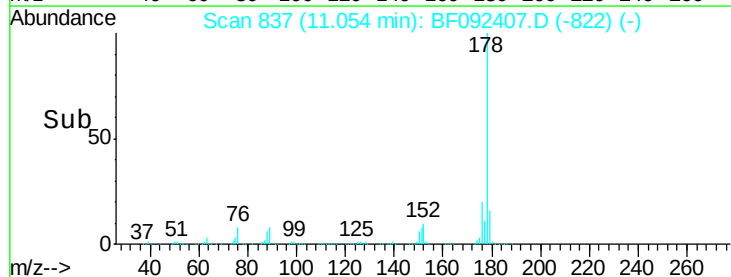
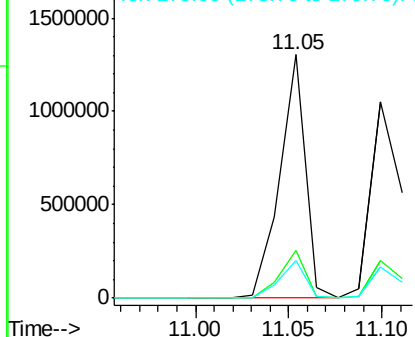


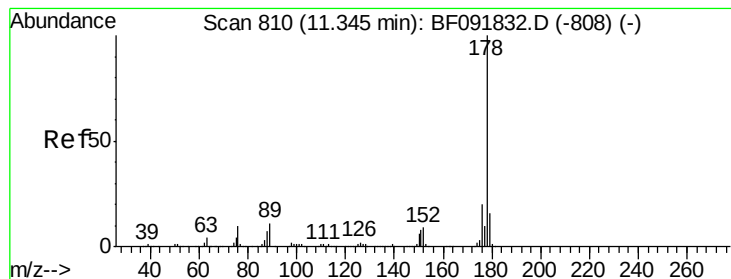
#70
 Phenanthrene
 Concen: 40.12 ng
 RT: 11.05 min Scan# 837
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:178 Resp: 1245833
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.6 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: 40.44 ng

RT: 11.10 min Scan# 841

Delta R.T. -0.14 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

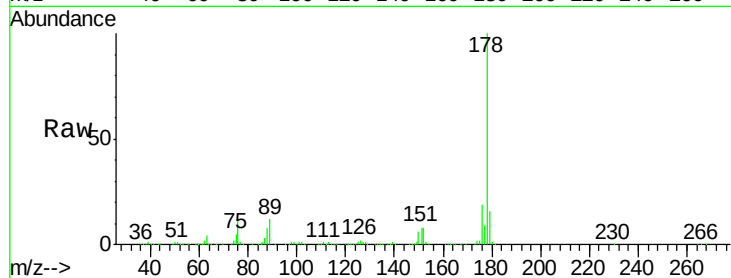
Tgt Ion:178 Resp: 1152630

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

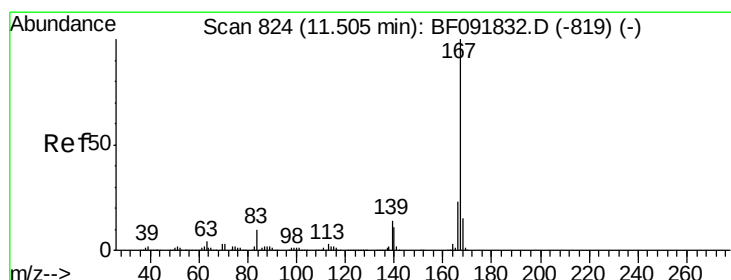
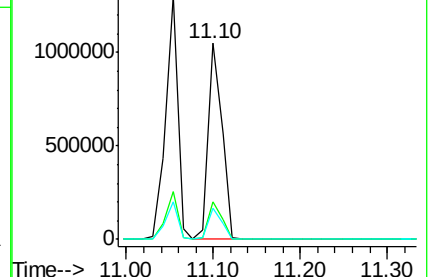
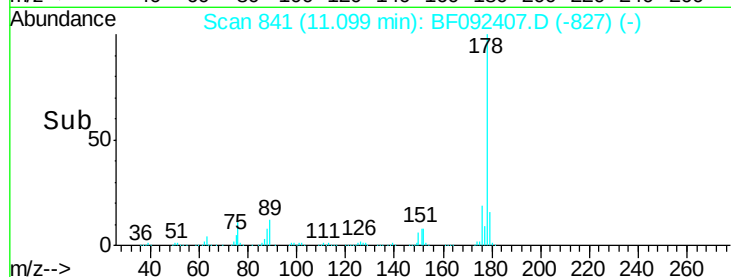
179 15.7 13.2 19.8



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: 45.80 ng

RT: 11.27 min Scan# 856

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

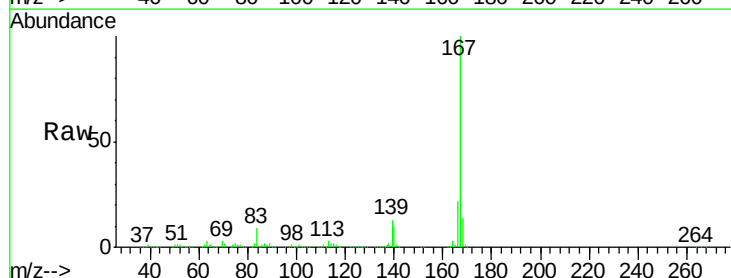
Tgt Ion:167 Resp: 1162039

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

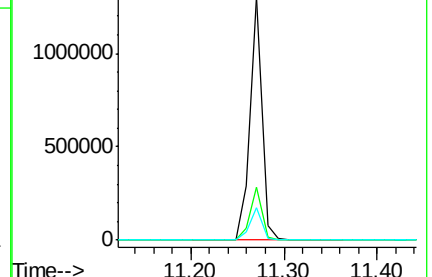
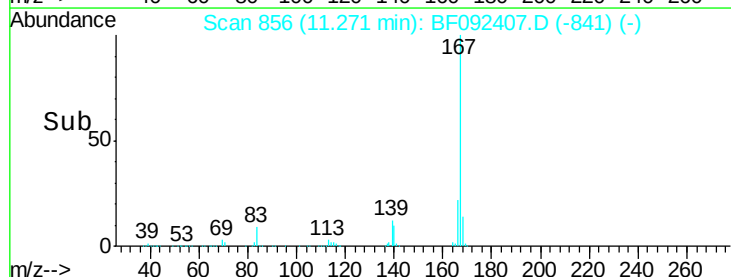
139 13.2 11.4 17.2

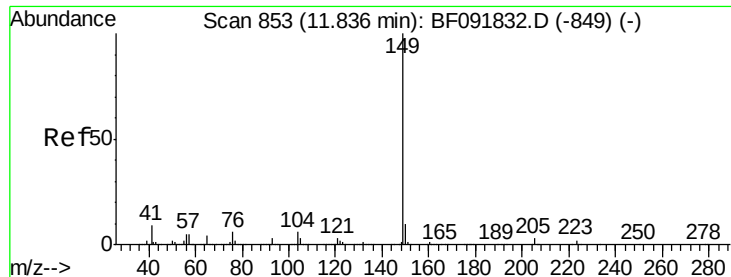


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.02 ng

RT: 11.60 min Scan# 885

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

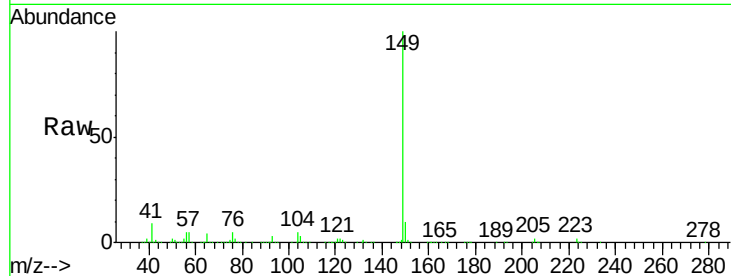
Tgt Ion:149 Resp: 1324752

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

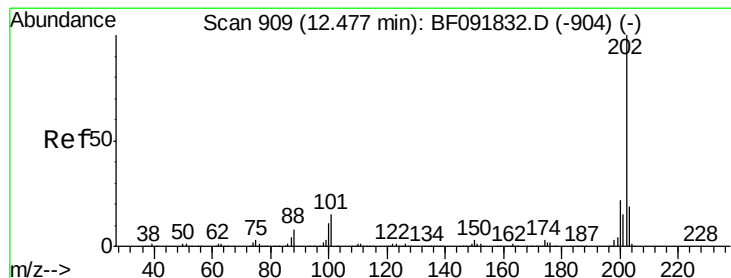
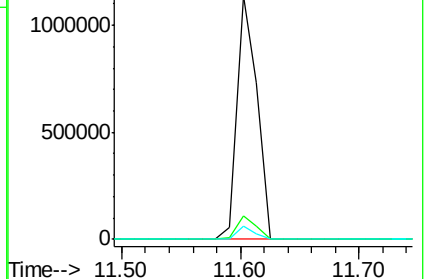
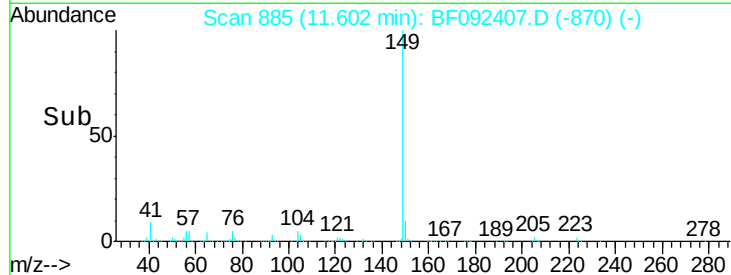
104 5.3 4.6 7.0



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: 43.04 ng

RT: 12.23 min Scan# 940

Delta R.T. -0.14 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

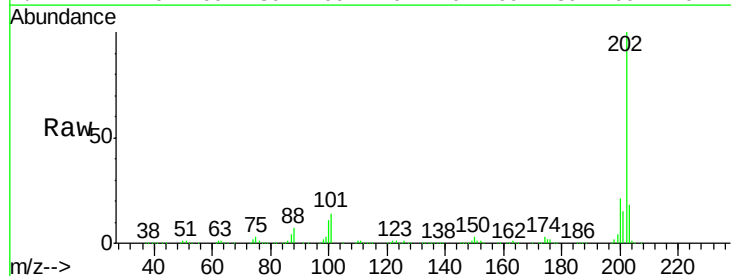
Tgt Ion:202 Resp: 1177096

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

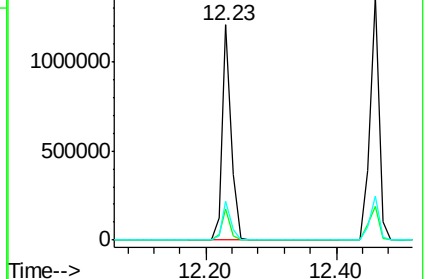
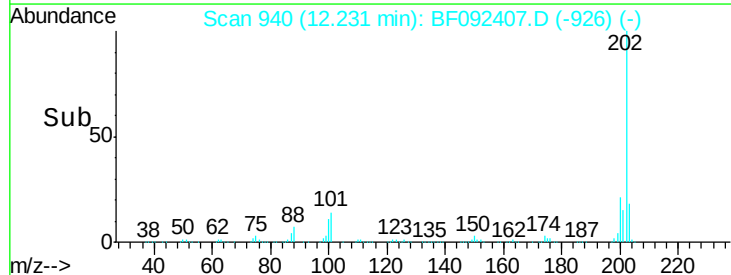
203 18.3 0.0 38.7

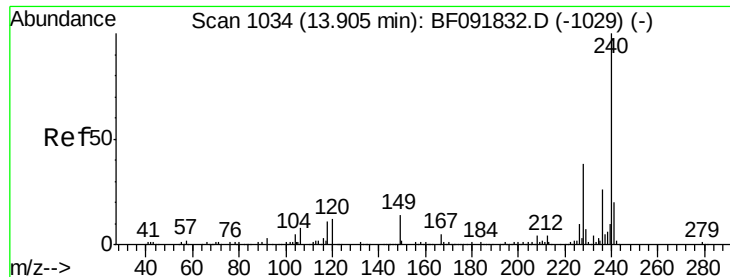


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.66 min Scan# 1065

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

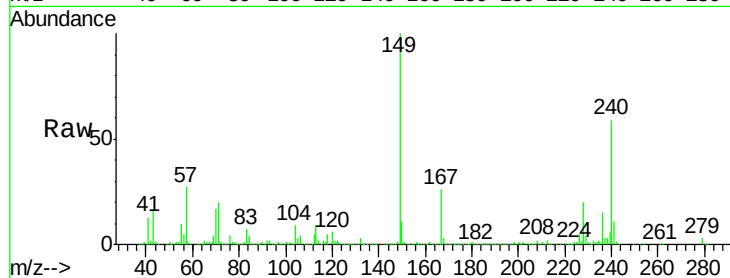
Tgt Ion:240 Resp: 426049

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

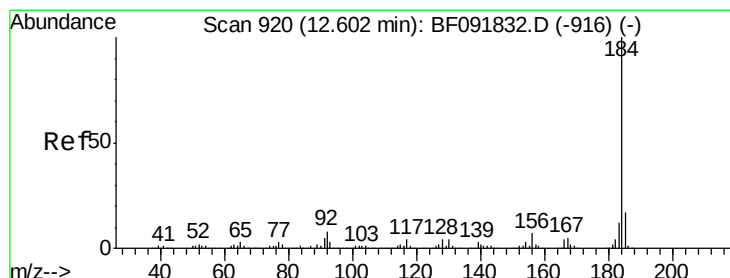
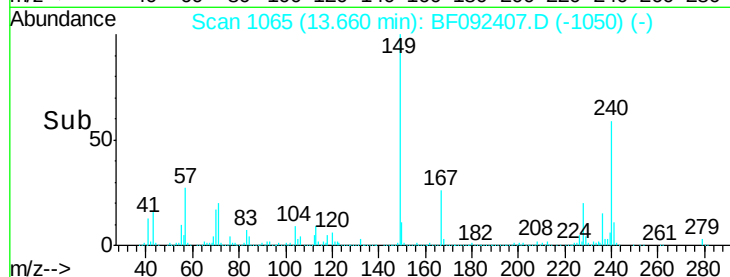
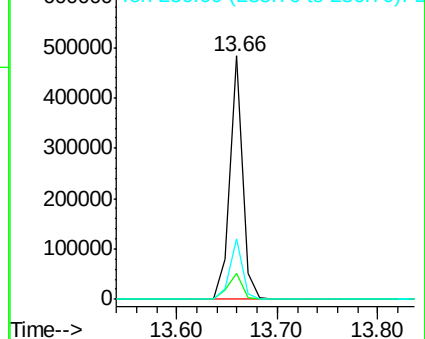
236 25.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.16 ng

RT: 12.37 min Scan# 952

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

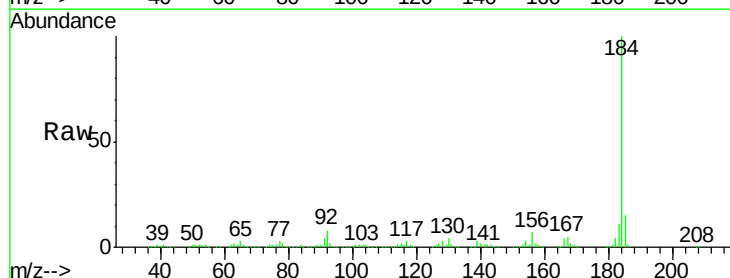
Tgt Ion:184 Resp: 420165

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

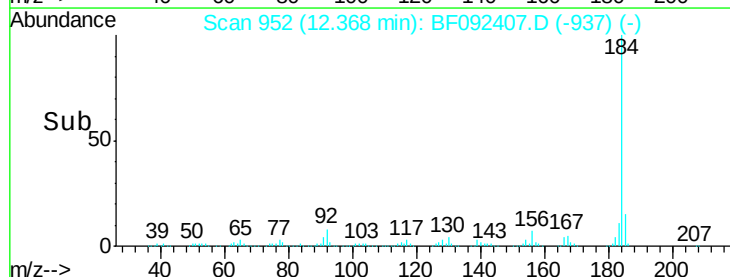
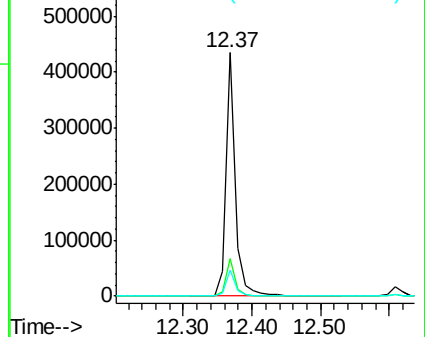
183 10.7 9.2 13.8

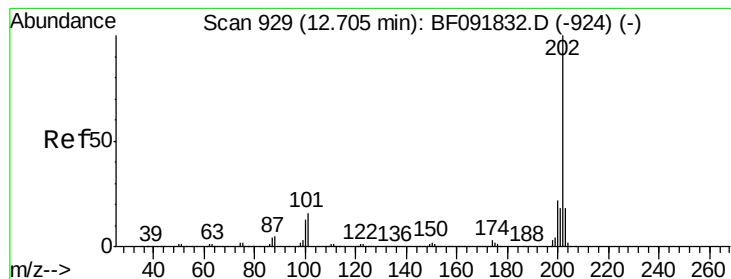


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.14 ng

RT: 12.46 min Scan# 960

Delta R.T. -0.13 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

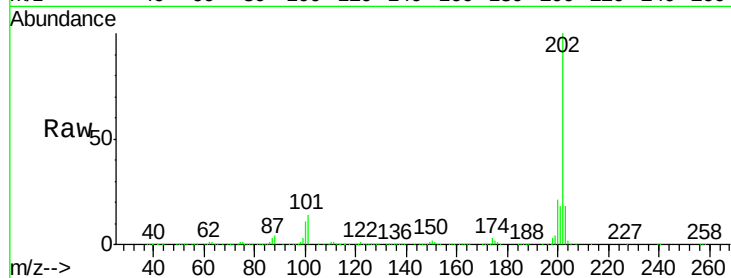
Tgt Ion:202 Resp: 1286092

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

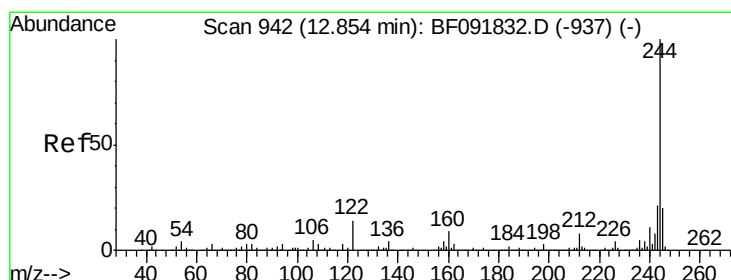
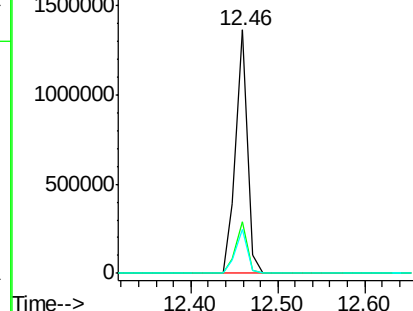
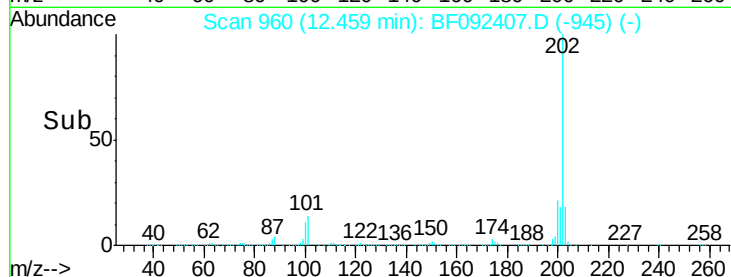
203 18.1 14.7 22.1



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: 80.42 ng

RT: 12.61 min Scan# 973

Delta R.T. -0.14 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

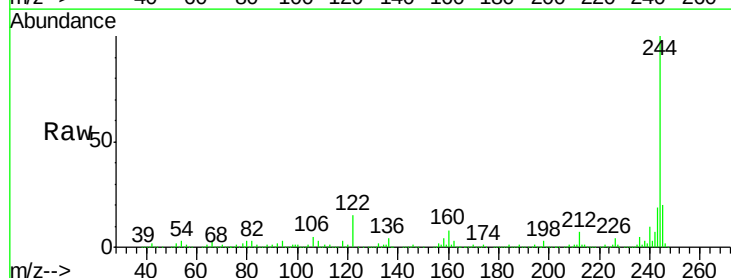
Tgt Ion:244 Resp: 1412797

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

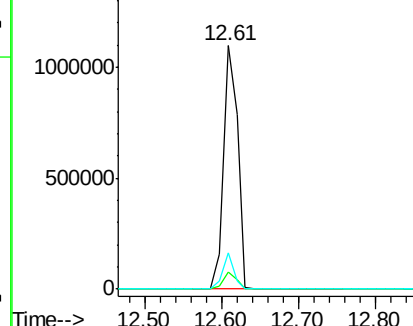
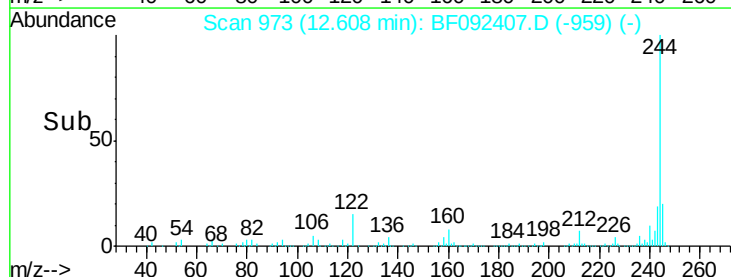
122 14.9 11.4 17.2

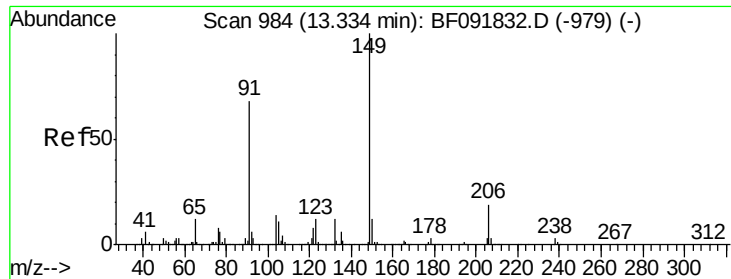


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

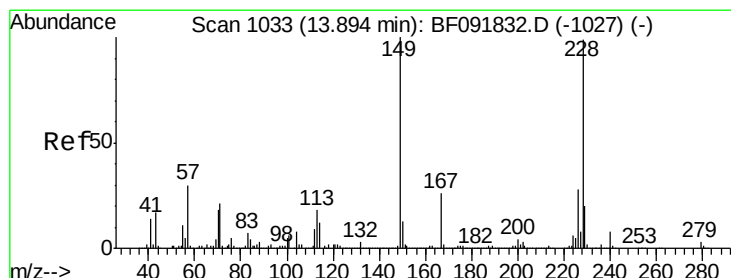
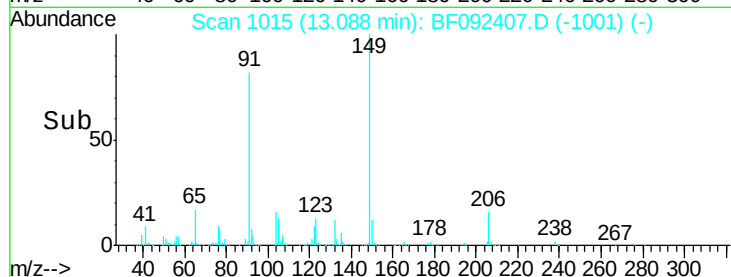
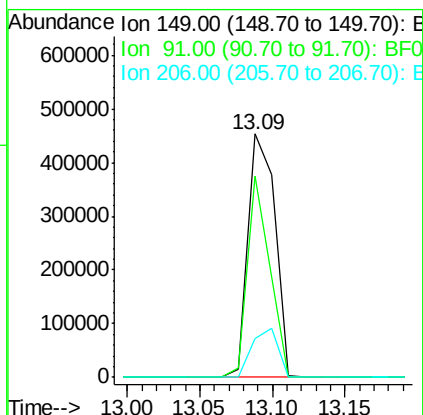
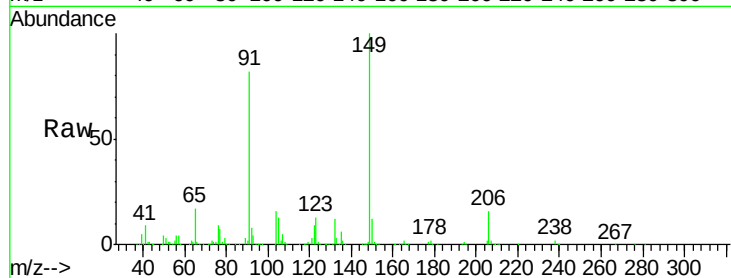




#79
Butylbenzylphthalate
Concen: 41.01 ng
RT: 13.09 min Scan# 1015
Delta R.T. -0.14 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

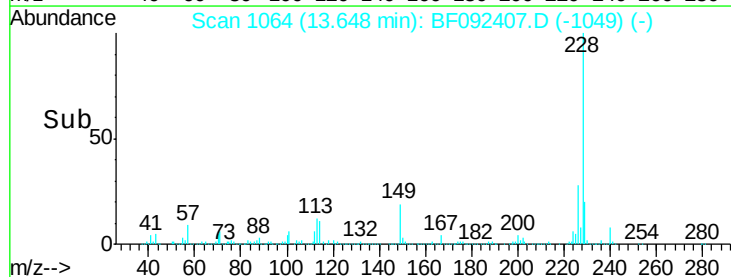
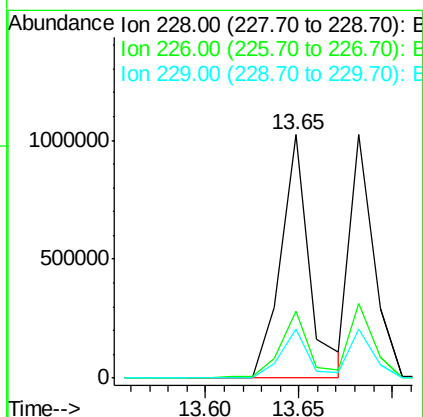
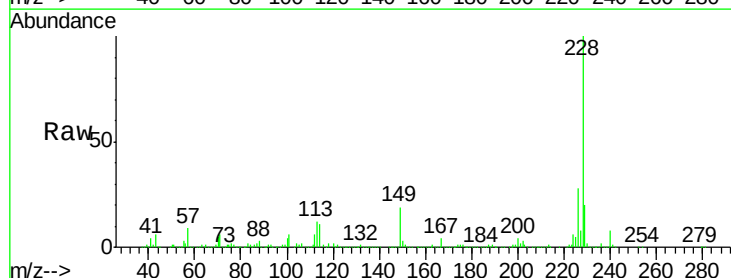
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

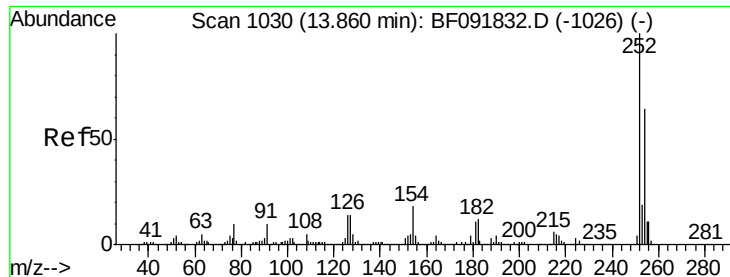
Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.5	63.9	95.9
206	15.8	14.6	21.8



#80
Benzo(a)anthracene
Concen: 45.61 ng
RT: 13.65 min Scan# 1064
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.1	16.2	24.4

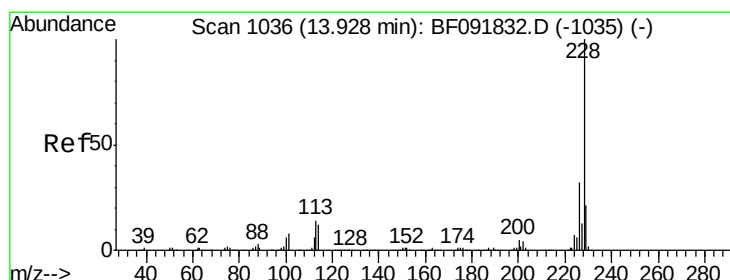
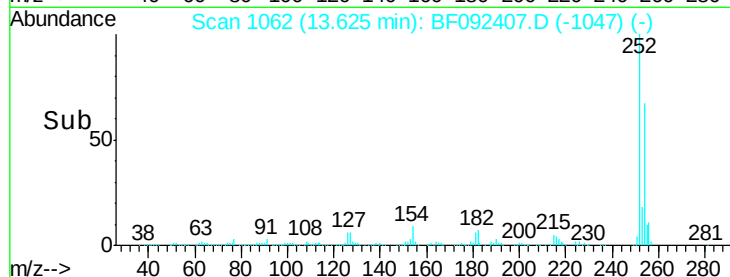
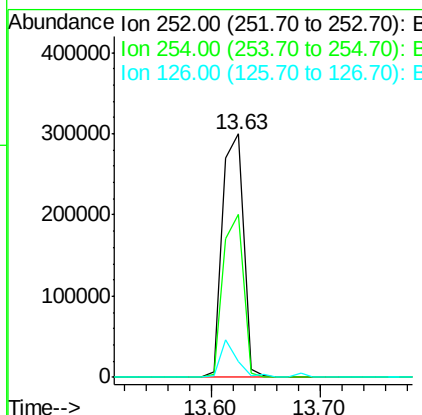
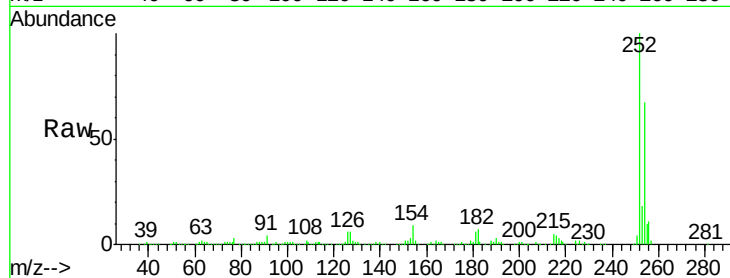




#81
 3,3'-Dichlorobenzidine
 Concen: 44.42 ng
 RT: 13.63 min Scan# 1062
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

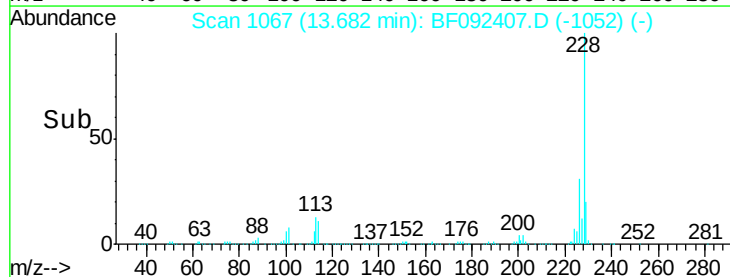
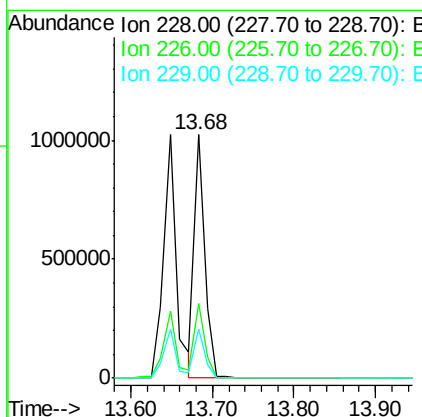
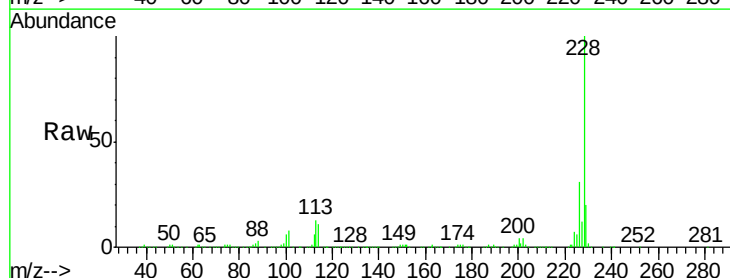
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

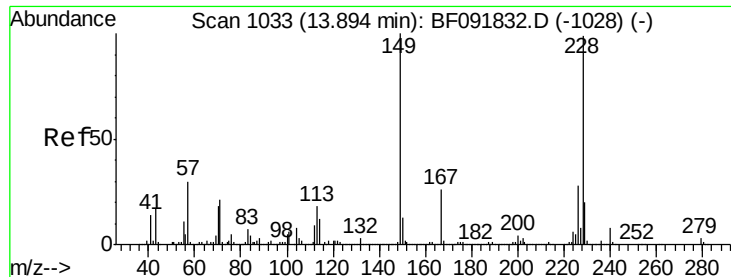
Tgt Ion: 252 Resp: 405094
 Ion Ratio Lower Upper
 252 100
 254 67.2 52.3 78.5
 126 6.3 13.6 20.4#



#82
 Chrysene
 Concen: 38.05 ng
 RT: 13.68 min Scan# 1067
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion: 228 Resp: 917803
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 20.2 16.2 24.2

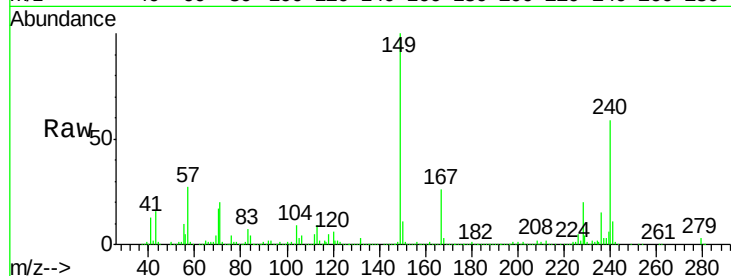




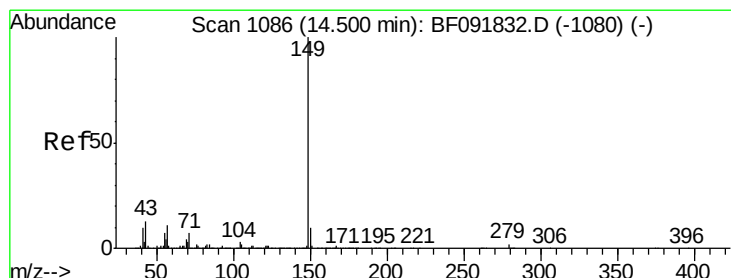
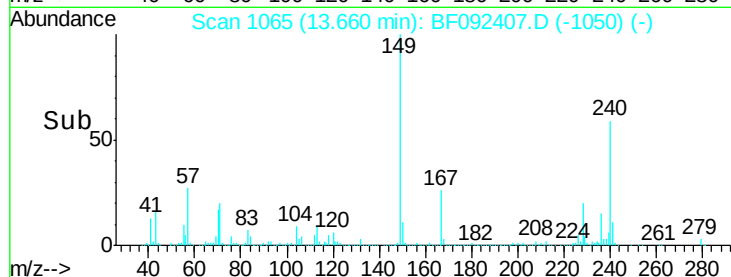
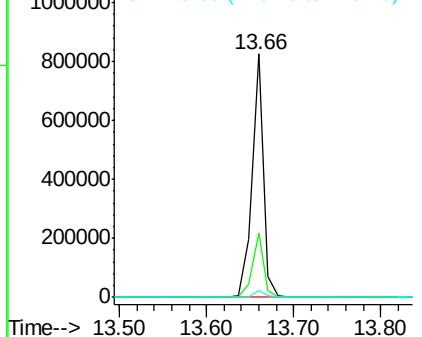
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.43 ng
 RT: 13.66 min Scan# 1065
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 760693
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.2 30.4
 279 2.8 1.8 2.8

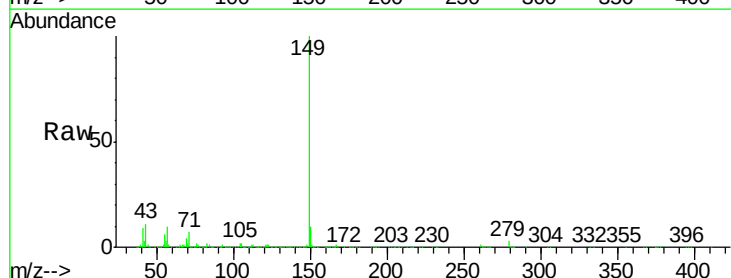


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

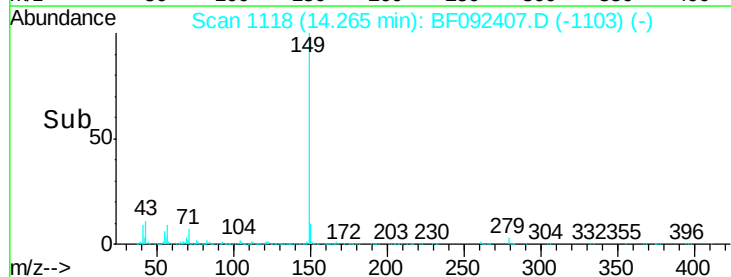
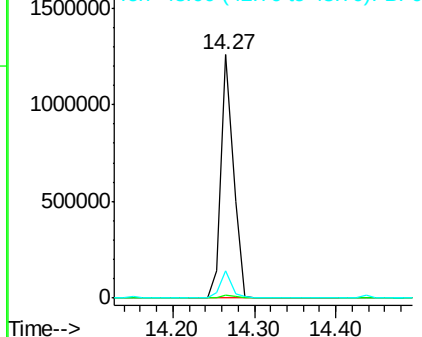


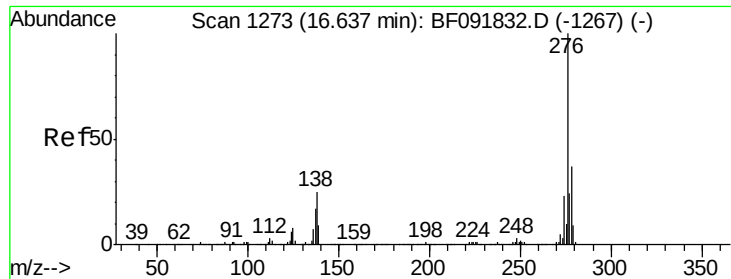
#84
 Di-n-octyl phthalate
 Concen: 42.39 ng
 RT: 14.27 min Scan# 1118
 Delta R.T. -0.13 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion:149 Resp: 1314756
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 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

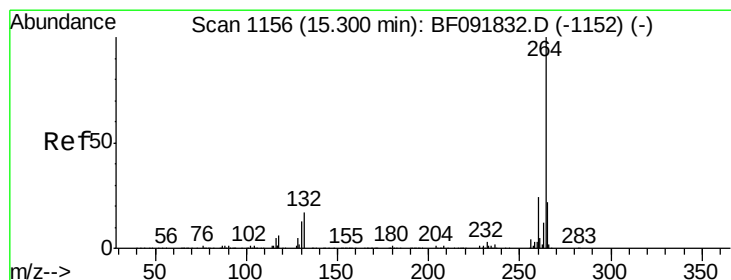
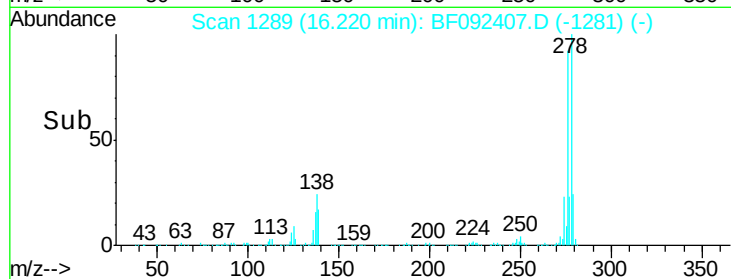
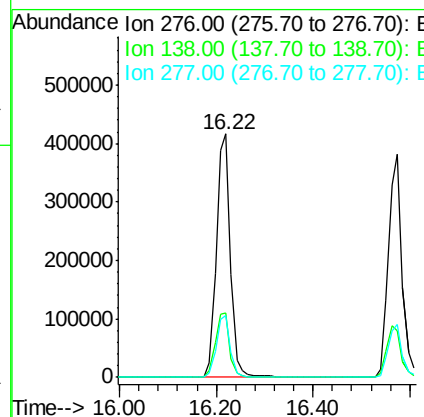
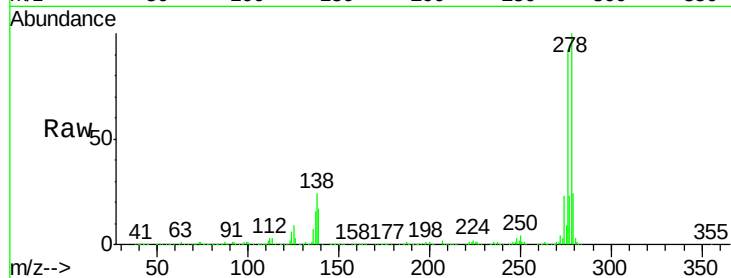




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.19 ng
 RT: 16.22 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

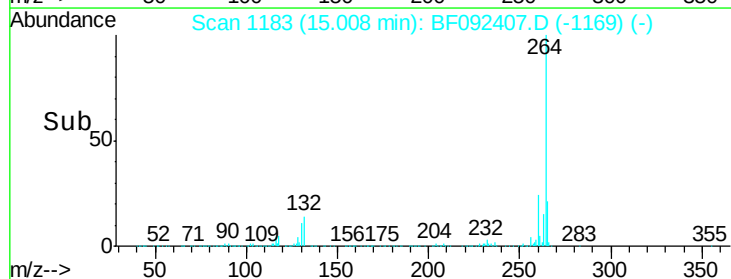
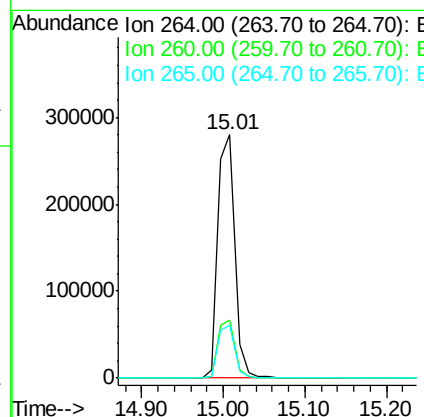
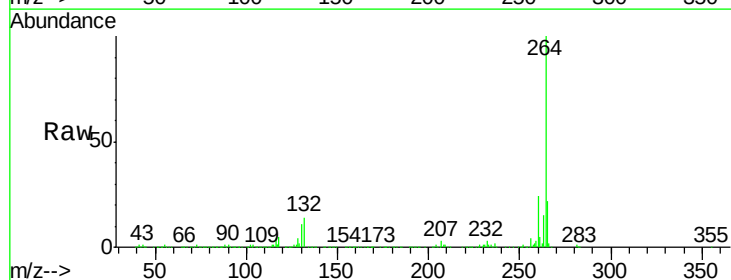
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

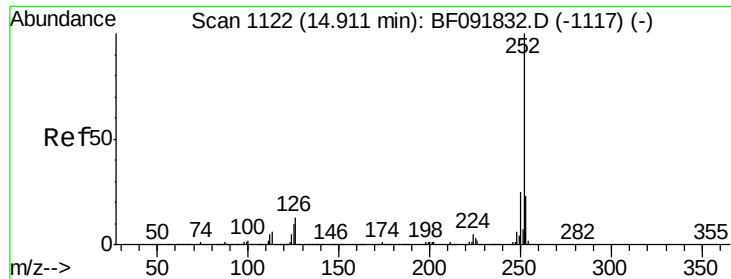
Tgt Ion: 276 Resp: 860902
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1183
 Delta R.T. -0.14 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Tgt Ion: 264 Resp: 408054
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.4 26.0

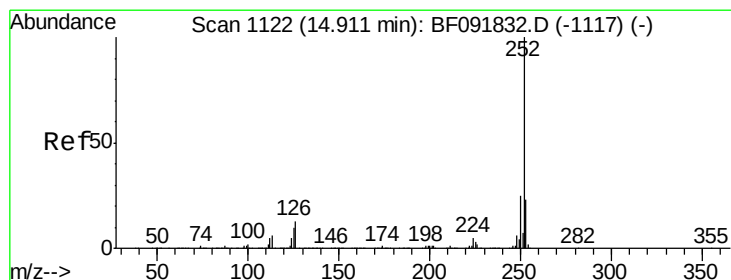
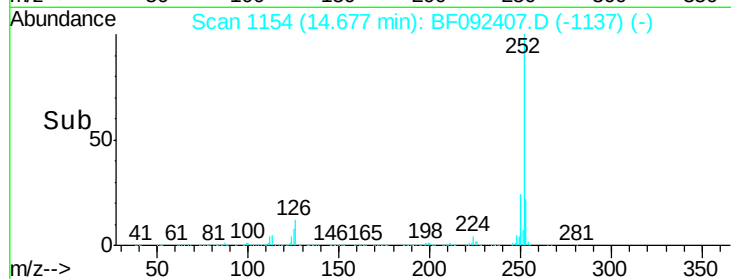
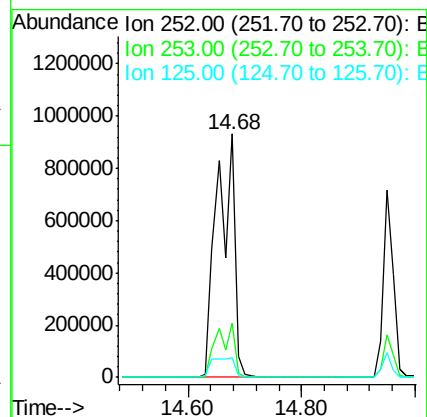
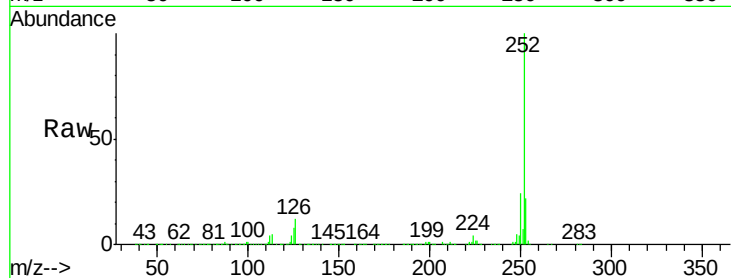




#87
Benzo(b)fluoranthene
Concen: 76.74 ng
RT: 14.68 min Scan# 1154
Delta R.T. -0.10 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

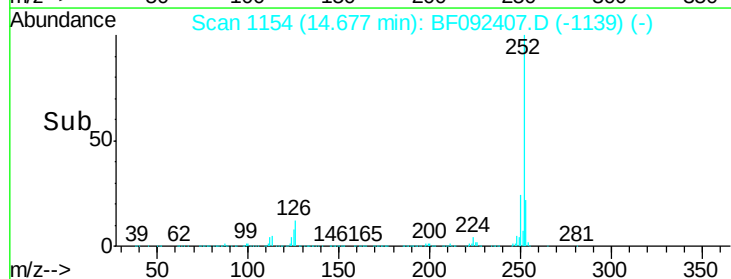
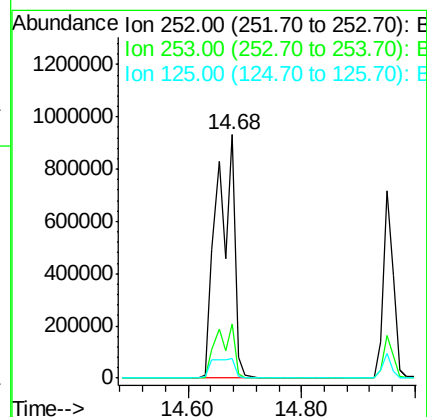
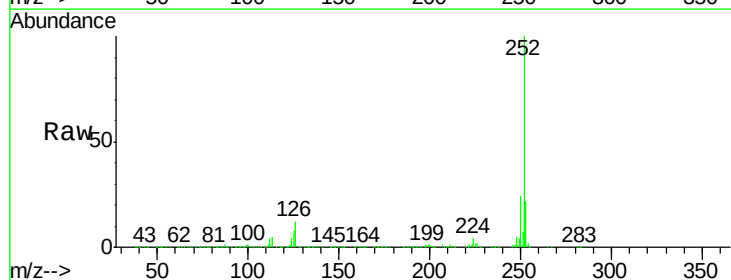
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

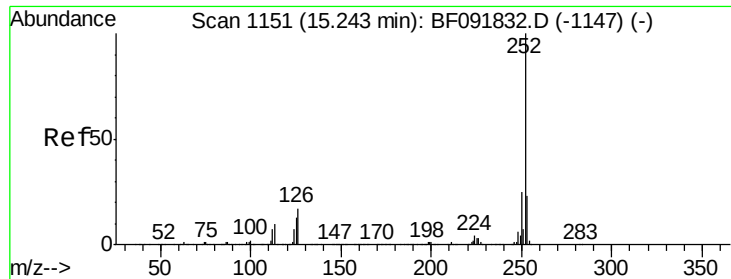
Tgt Ion:252 Resp: 1949519
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 8.2 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 89.99 ng
RT: 14.68 min Scan# 1154
Delta R.T. -0.13 min
Lab File: BF092407.D
Acq: 21 Jan 2017 12:30

Tgt Ion:252 Resp: 1949519
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 8.2 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 39.55 ng

RT: 14.95 min Scan# 1178

Delta R.T. -0.15 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

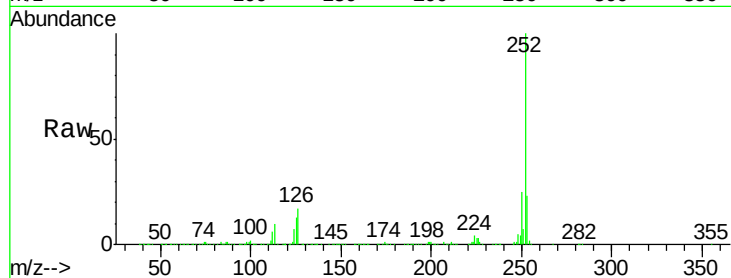
Tgt Ion:252 Resp: 891735

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

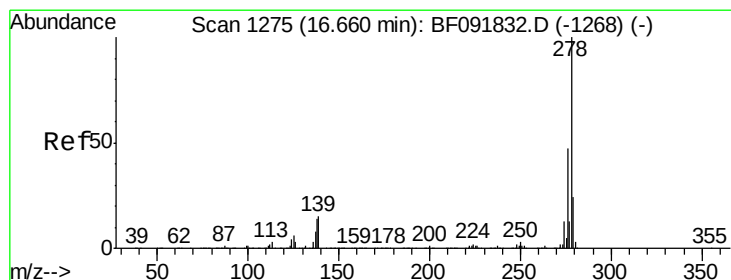
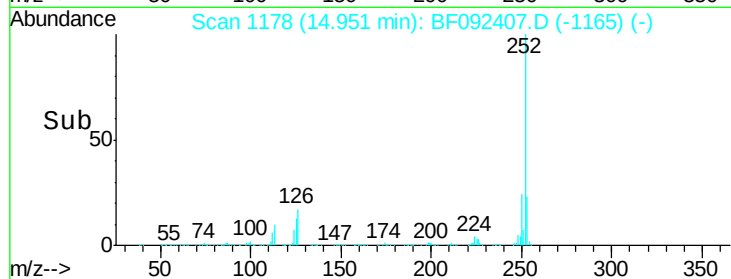
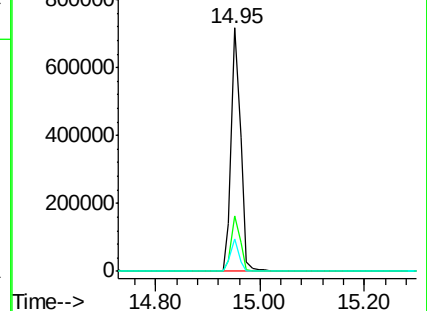
125 13.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.22 ng

RT: 16.22 min Scan# 1289

Delta R.T. -0.22 min

Lab File: BF092407.D

Acq: 21 Jan 2017 12:30

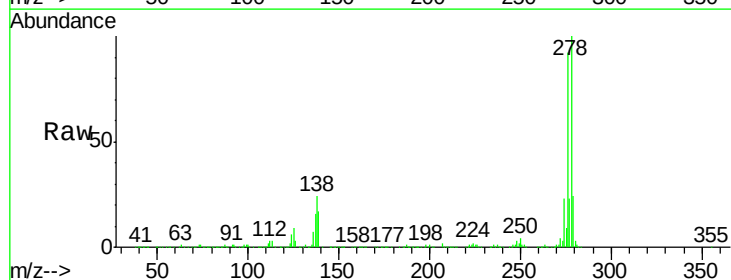
Tgt Ion:278 Resp: 726885

Ion Ratio Lower Upper

278 100

139 16.9 14.8 22.2

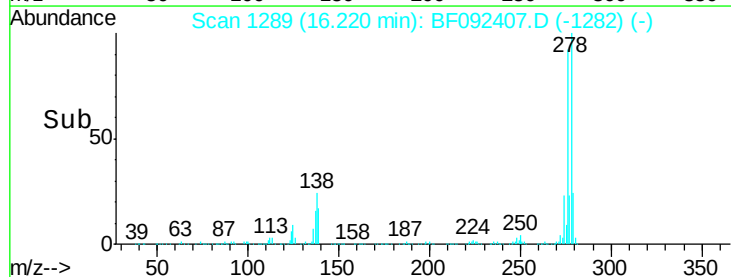
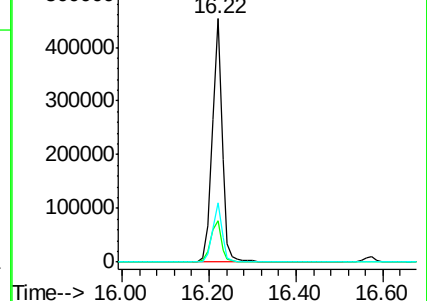
279 24.1 19.8 29.6

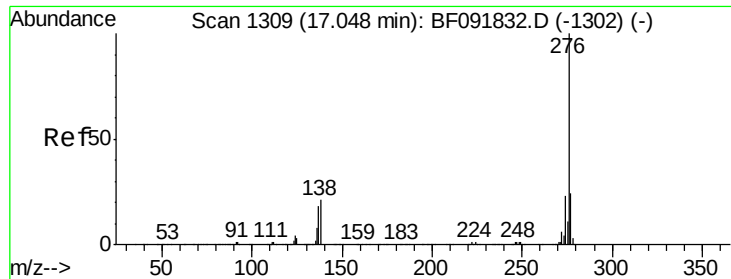


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 39.07 ng
 RT: 16.57 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF092407.D
 Acq: 21 Jan 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 752854
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 20.7 16.0 24.0

