

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090166.D
 Acq On : 21 Sep 2016 18:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 22 01:53:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	179063	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	632124	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	371895	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	590097	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	459682	20.00	ng	-0.01
86) Perylene-d12	14.95	264	405381	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	904197	82.31	ng	0.00
7) Phenol-d6	6.17	99	1045006	77.03	ng	0.00
23) Nitrobenzene-d5	7.08	82	844879	77.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	255732	80.15	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	1301572	68.71	ng	-0.01
78) Terphenyl-d14	12.59	244	1221605	67.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	214838	36.04	ng	97
3) Pyridine	2.50	79	573520	44.37	ng	97
4) n-Nitrosodimethylamine	2.47	42	159617	41.38	ng	93
6) Aniline	6.17	93	588901	34.82	ng	# 80
8) 2-Chlorophenol	6.30	128	490095	38.77	ng	86
9) Benzaldehyde	6.04	77	238094	40.27	ng	98
10) Phenol	6.18	94	613609	38.26	ng	# 75
11) bis(2-Chloroethyl)ether	6.26	93	540808	43.24	ng	92
12) 1,3-Dichlorobenzene	6.44	146	470765	35.65	ng	97
13) 1,4-Dichlorobenzene	6.52	146	491467	36.45	ng	97
14) 1,2-Dichlorobenzene	6.68	146	457577	38.10	ng	96
15) Benzyl Alcohol	6.67	79	332351	41.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	530722	35.51	ng	99
17) 2-Methylphenol	6.80	107	401126	40.29	ng	96
18) Hexachloroethane	7.03	117	167870	34.91	ng	# 84
19) n-Nitroso-di-n-propylamine	6.95	70	286426	35.94	ng	97
20) 3+4-Methylphenols	6.96	107	486432	40.69	ng	97
22) Acetophenone	6.94	105	628469	41.23	ng	# 97
24) Nitrobenzene	7.11	77	508020	44.71	ng	91
25) Isophorone	7.35	82	848063	37.22	ng	97
26) 2-Nitrophenol	7.43	139	235475	42.09	ng	# 79
27) 2,4-Dimethylphenol	7.48	122	404948	40.74	ng	97
28) bis(2-Chloroethoxy)methane	7.58	93	536393	38.92	ng	99
29) 2,4-Dichlorophenol	7.67	162	330270	37.88	ng	91
30) 1,2,4-Trichlorobenzene	7.75	180	333914	38.34	ng	98
31) Naphthalene	7.83	128	1188770	39.50	ng	99
32) Benzoic acid	7.64	122	331209	48.54	ng	96
33) 4-Chloroaniline	8.00	127	31682	2.54	ng	96
34) Hexachlorobutadiene	7.95	225	176141	38.34	ng	97
35) Caprolactam	8.27	113	116083	40.23	ng	98
36) 4-Chloro-3-methylphenol	8.38	107	360140	36.55	ng	99
37) 2-Methylnaphthalene	8.51	142	706380	37.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	299039	35.03	ng	97
40) Hexachlorocyclopentadiene	8.67	237	164146	38.97	ng	98

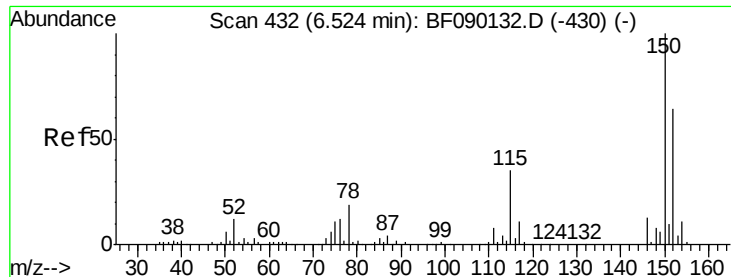
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	227347	37.37	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	220053	34.94	ng	# 84
45) 1,1'-Biphenyl	8.98	154	1017992	38.26	ng	96
46) 2-Chloronaphthalene	8.99	162	700742	35.70	ng	98
47) 2-Nitroaniline	9.10	65	236103	39.90	ng	# 80
48) Acenaphthylene	9.40	152	1123372	35.24	ng	99
49) Dimethylphthalate	9.29	163	838386	35.39	ng	99
50) 2,6-Dinitrotoluene	9.35	165	204707	38.78	ng	88
51) Acenaphthene	9.58	154	726555	38.40	ng	99
52) 3-Nitroaniline	9.51	138	222409	35.93	ng	88
53) 2,4-Dinitrophenol	9.62	184	123314	43.26	ng	# 81
54) Dibenzofuran	9.75	168	903686	36.29	ng	95
55) 4-Nitrophenol	9.69	139	195663	46.14	ng	96
56) 2,4-Dinitrotoluene	9.75	165	267973	42.93	ng	86
57) Fluorene	10.09	166	775803	41.34	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	194956	41.34	ng	96
59) Diethylphthalate	9.99	149	908233	39.70	ng	98
60) 4-Chlorophenyl-phenylether	10.09	204	310395	36.27	ng	88
61) 4-Nitroaniline	10.12	138	267252	42.36	ng	94
62) Azobenzene	10.25	77	941119	39.52	ng	87
64) 4,6-Dinitro-2-methylphenol	10.15	198	148495	40.18	ng	# 59
65) n-Nitrosodiphenylamine	10.20	169	736266	37.94	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	207764	35.78	ng	# 85
67) Hexachlorobenzene	10.63	284	236170	34.90	ng	# 89
68) Atrazine	10.74	200	195999	36.86	ng	96
69) Pentachlorophenol	10.82	266	159953	41.64	ng	98
70) Phenanthrene	11.04	178	1118907	40.54	ng	99
71) Anthracene	11.08	178	1013687	35.02	ng	100
72) Carbazole	11.24	167	1037597	33.91	ng	99
73) Di-n-butylphthalate	11.60	149	1380572	38.80	ng	99
74) Fluoranthene	12.20	202	968815	32.70	ng	100
76) Benzidine	12.34	184	354578	23.05	ng	98
77) Pyrene	12.43	202	1110510	35.30	ng	99
79) Butylbenzylphthalate	13.07	149	596156	38.75	ng	# 83
80) Benzo(a)anthracene	13.61	228	946834	38.29	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	376087	36.87	ng	# 99
82) Chrysene	13.65	228	762813	31.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	738280	37.49	ng	# 97
84) Di-n-octyl phthalate	14.25	149	1354382	39.93	ng	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	762755	39.16	ng	98
87) Benzo(b)fluoranthene	14.63	252	1737358	77.40	ng	# 95
88) Benzo(k)fluoranthene	14.63	252	1739390	82.56	ng	# 98
89) Benzo(a)pyrene	14.89	252	762955	36.13	ng	# 94
90) Dibenzo(a,h)anthracene	16.13	278	631711	38.34	ng	98
91) Benzo(g,h,i)perylene	16.45	276	626356	38.84	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

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BNA_F

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SSTDCCC040

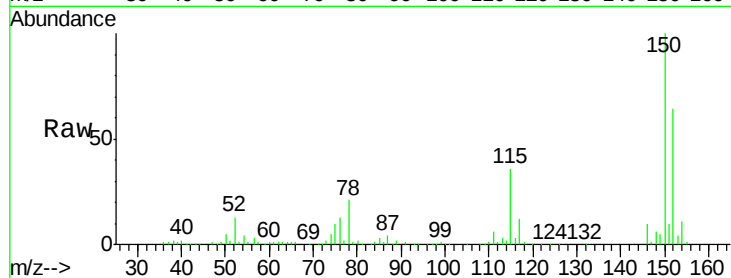
Tgt Ion:152 Resp: 179063

Ion Ratio Lower Upper

152 100

150 155.8 128.9 193.3

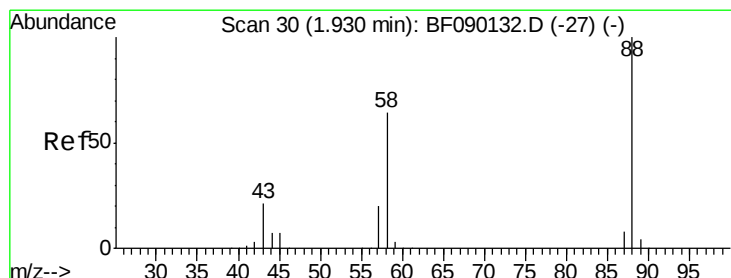
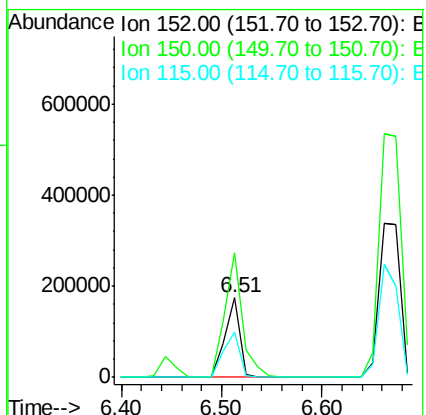
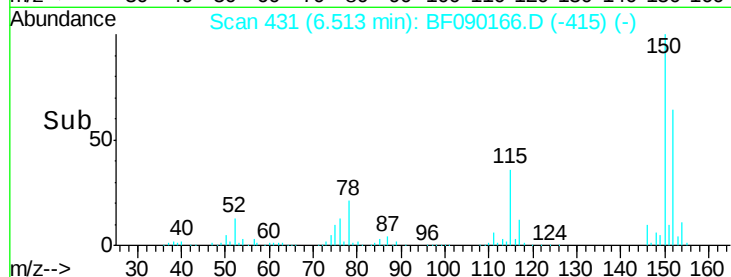
115 56.0 55.5 83.3



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: 36.04 ng

RT: 1.92 min Scan# 29

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

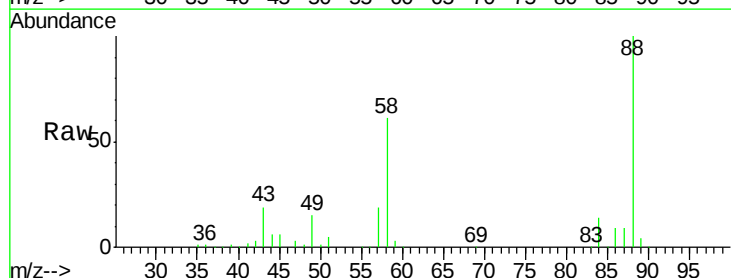
Tgt Ion: 88 Resp: 214838

Ion Ratio Lower Upper

88 100

58 64.3 53.4 80.0

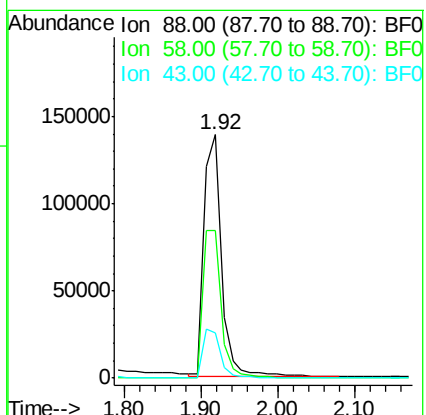
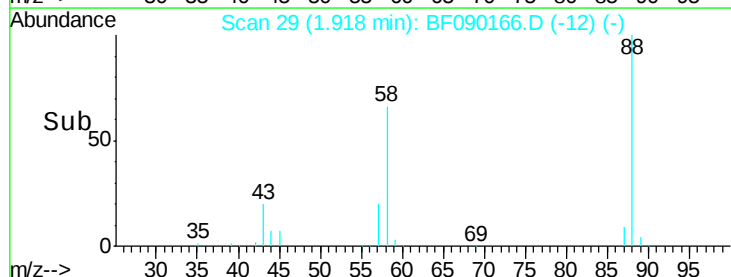
43 20.1 16.5 24.7

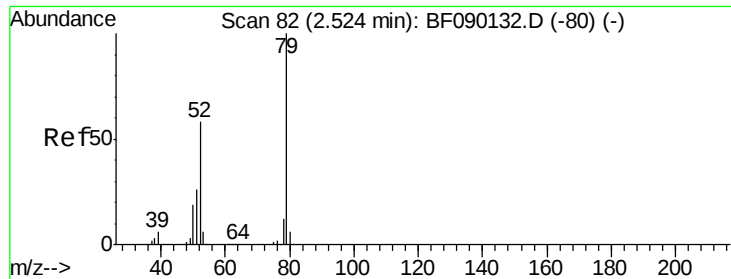


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.37 ng

RT: 2.50 min Scan# 80

Delta R.T. -0.02 min

Lab File: BF090166.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

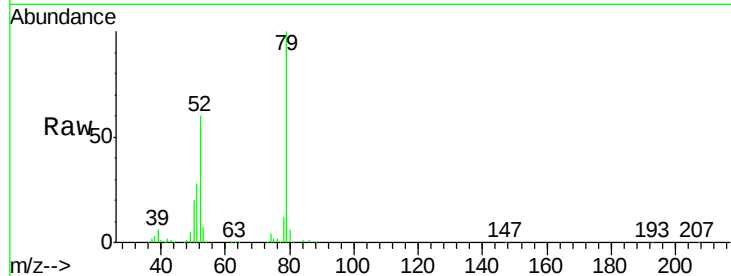
Tgt Ion: 79 Resp: 573520

Ion Ratio Lower Upper

79 100

52 60.3 45.9 68.9

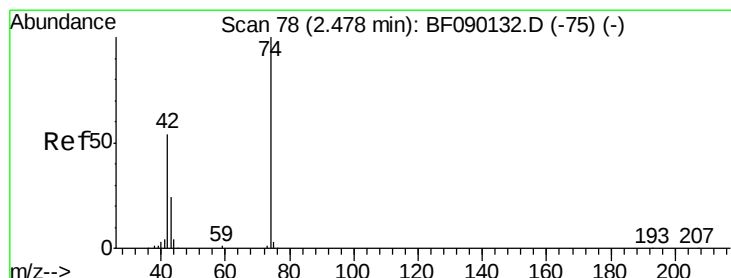
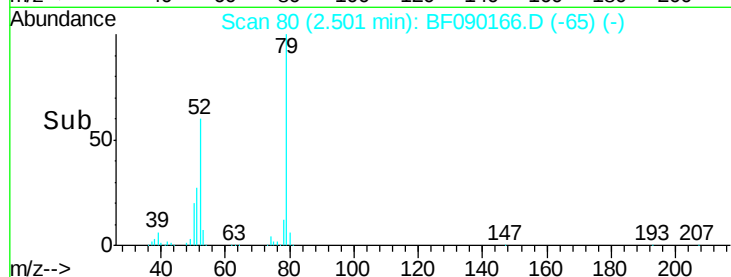
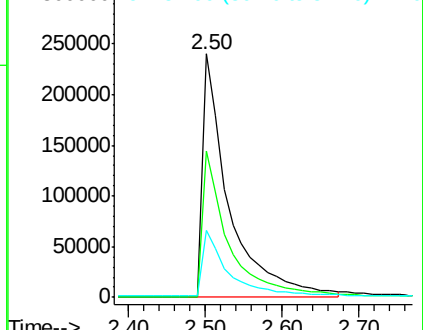
51 27.7 21.3 31.9



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: 41.38 ng

RT: 2.47 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

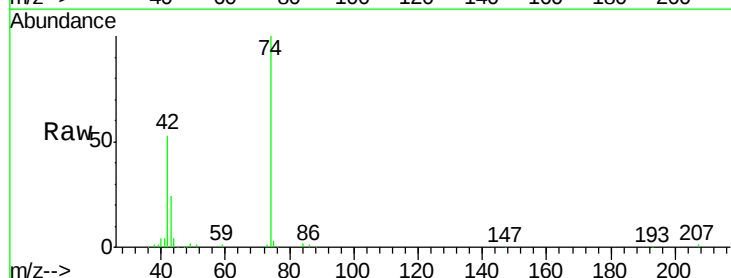
Tgt Ion: 42 Resp: 159617

Ion Ratio Lower Upper

42 100

74 188.1 158.7 238.1

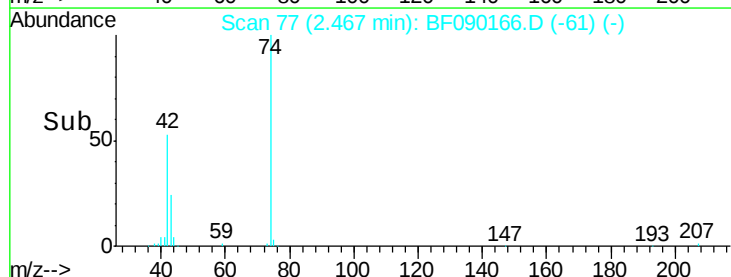
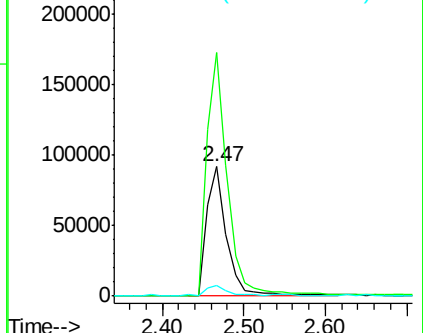
44 7.8 6.4 9.6

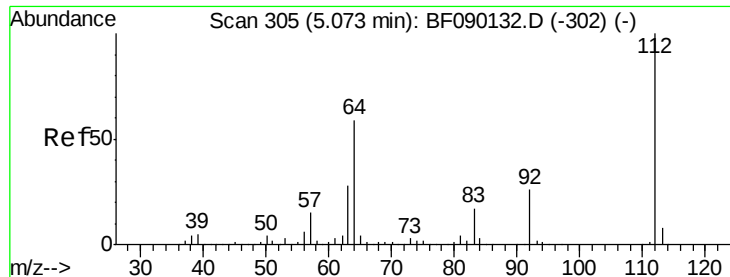


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.31 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

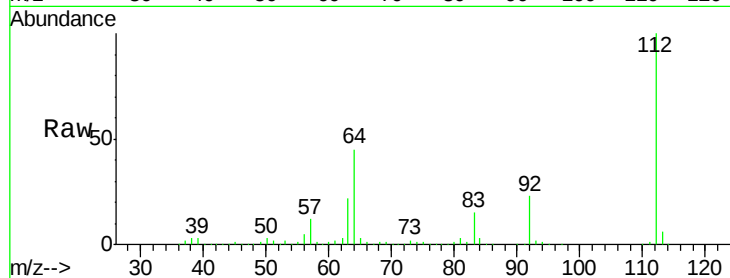
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

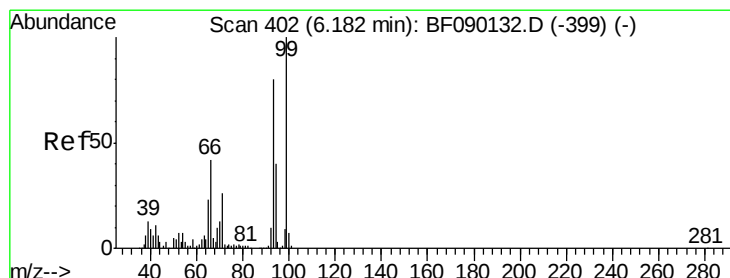
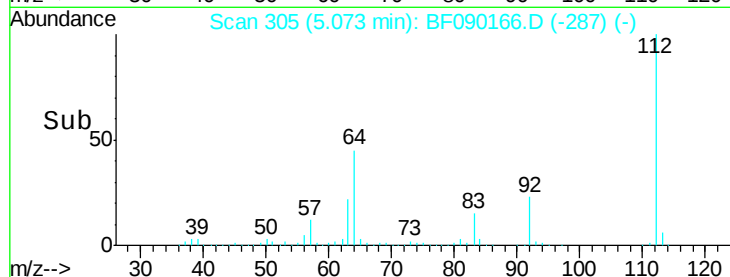
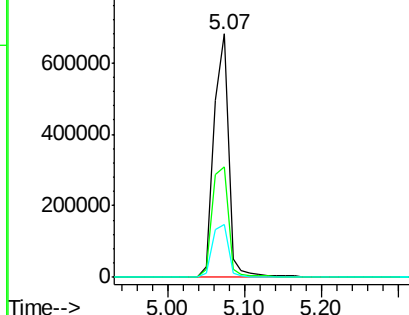
Tgt Ion:	112	Resp:	904197
Ion	Ratio	Lower	Upper
112	100		
64	45.4	39.8	59.6
63	21.7	18.9	28.3



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: 34.82 ng

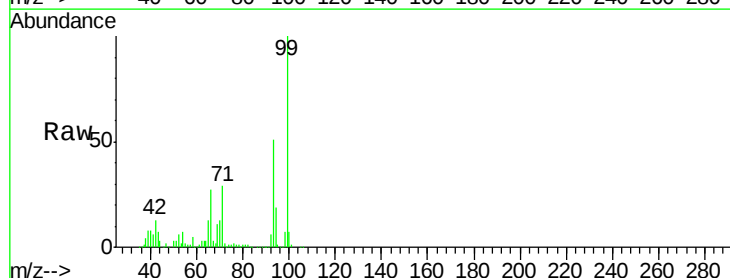
RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

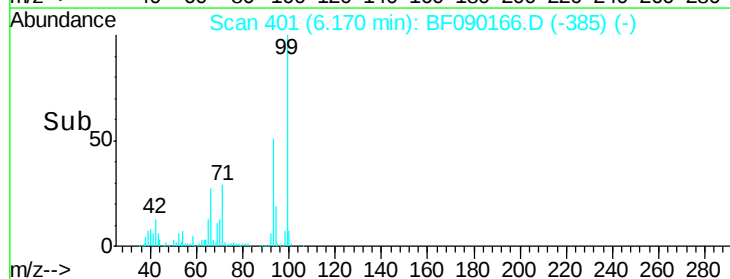
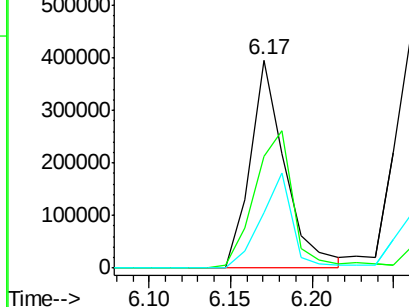
Tgt Ion:	93	Resp:	588901
Ion	Ratio	Lower	Upper
93	100		
66	53.5	54.2	81.2#
65	26.6	33.8	50.6#

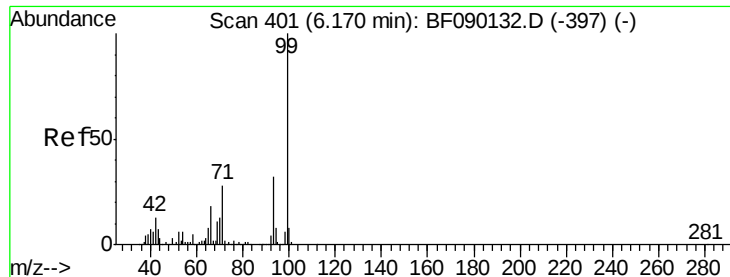


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.03 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

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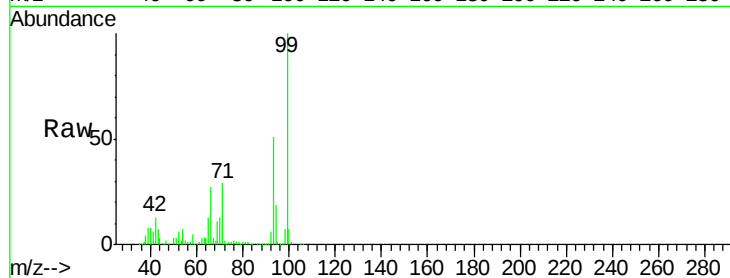
Tgt Ion: 99 Resp: 1045006

Ion Ratio Lower Upper

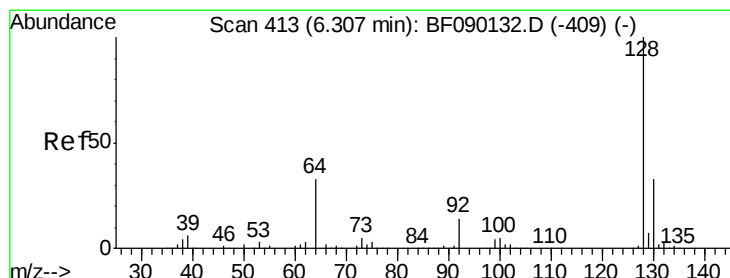
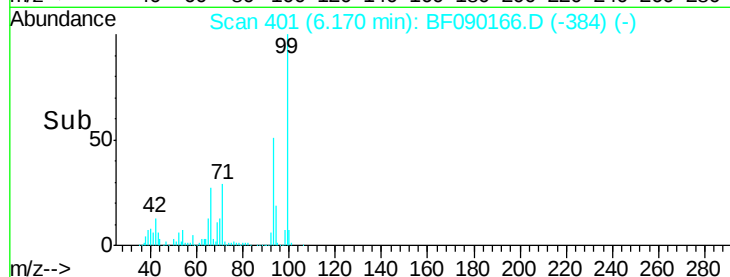
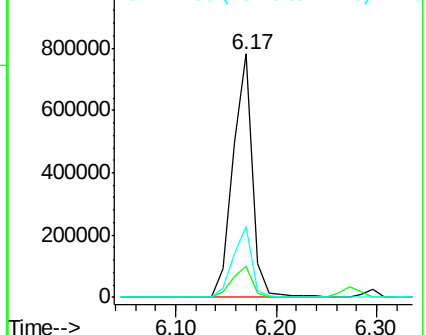
99 100

42 12.8 10.6 15.8

71 28.9 23.0 34.6



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: 38.77 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

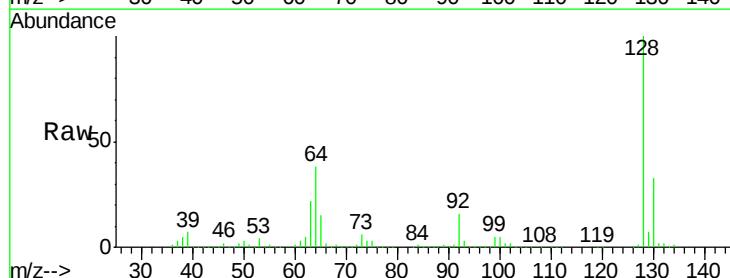
Tgt Ion: 128 Resp: 490095

Ion Ratio Lower Upper

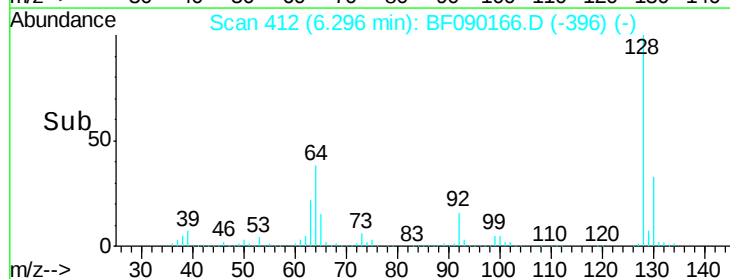
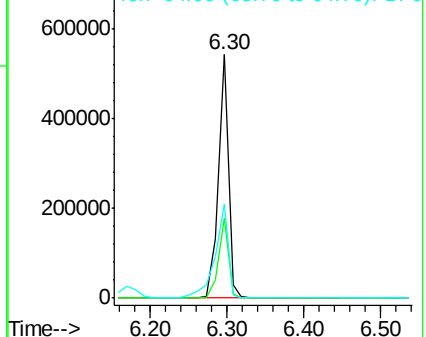
128 100

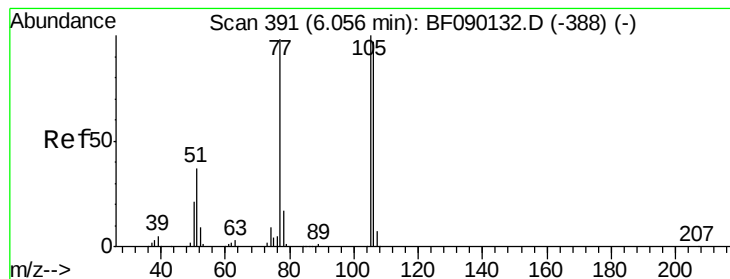
130 32.9 12.0 52.0

64 38.5 33.6 73.6



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: 40.27 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090166.D

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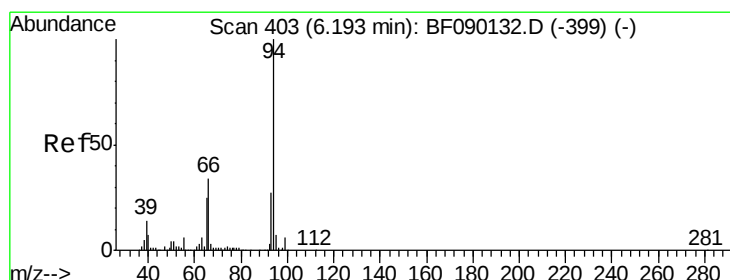
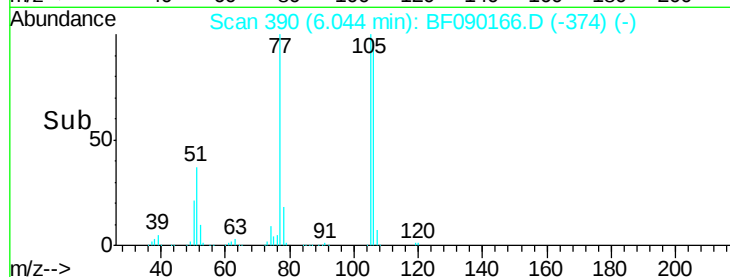
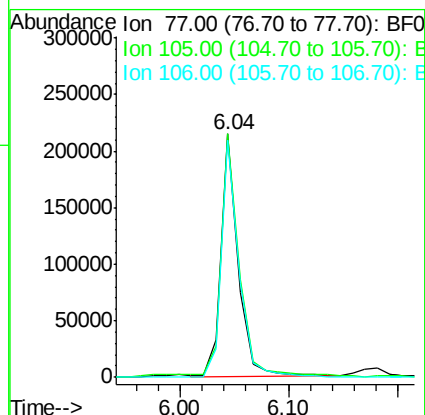
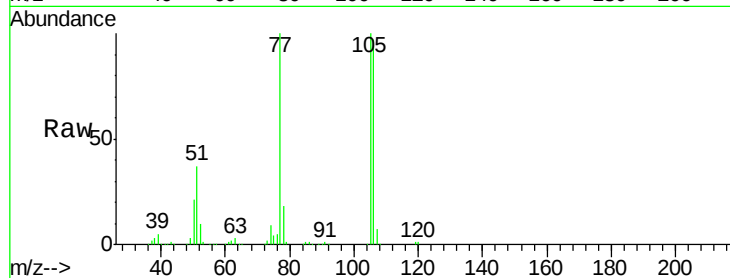
Tgt Ion: 77 Resp: 238094

Ion Ratio Lower Upper

77 100

105 100.1 83.0 123.0

106 97.4 78.5 118.5



#10

Phenol

Concen: 38.26 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

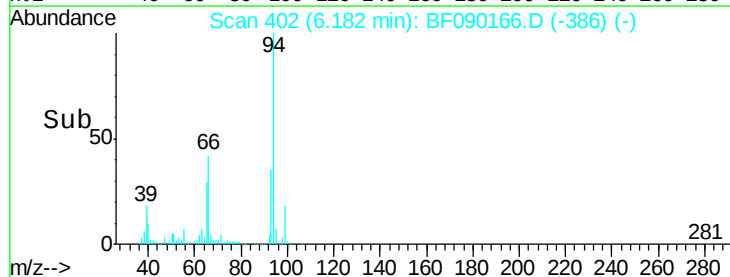
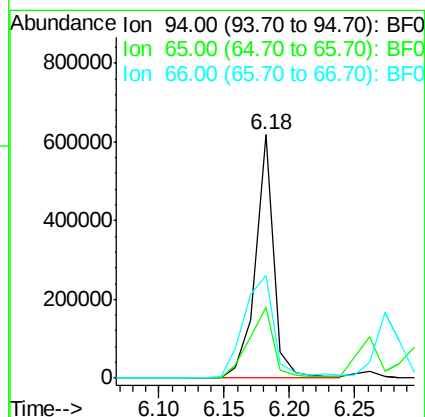
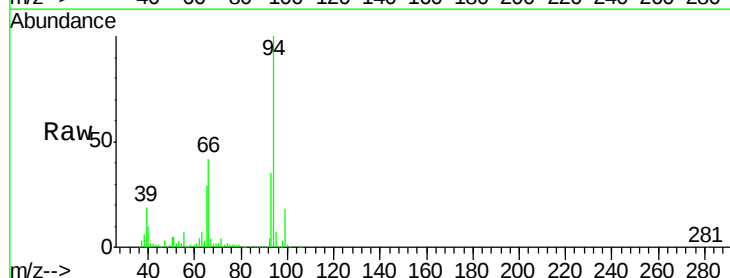
Tgt Ion: 94 Resp: 613609

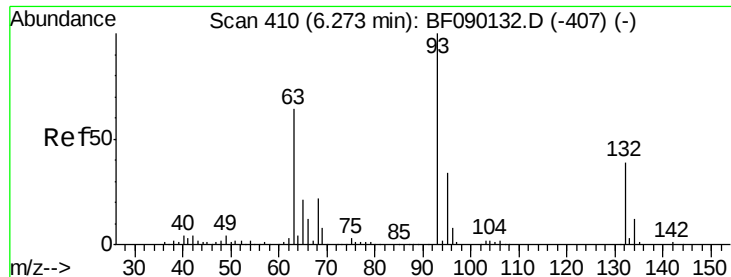
Ion Ratio Lower Upper

94 100

65 29.1 20.6 60.6

66 42.1 45.1 85.1#

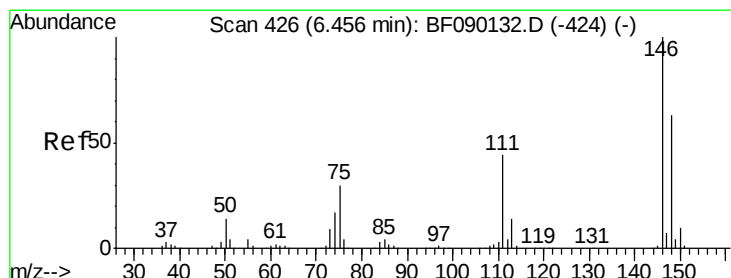
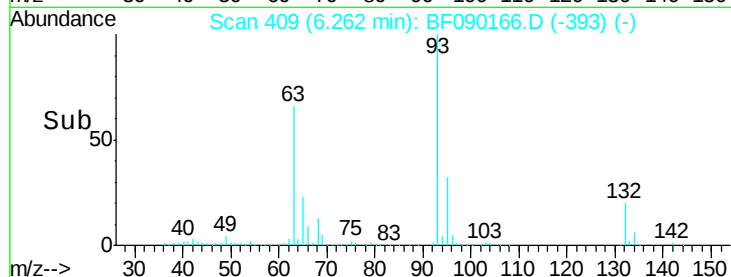
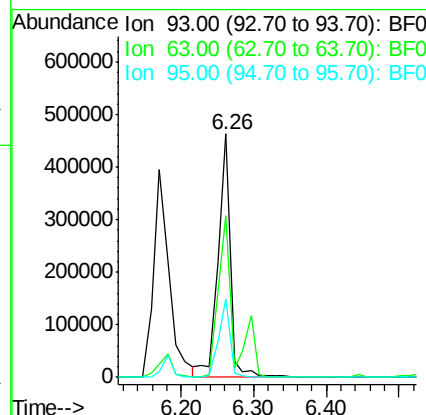
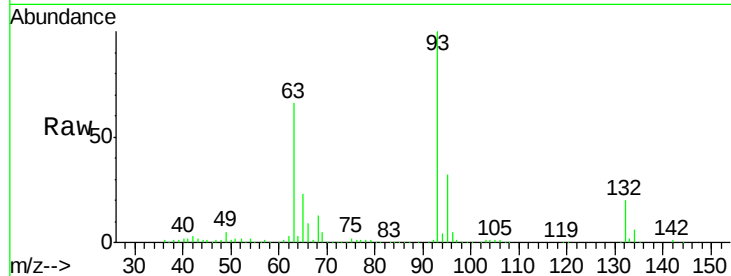




#11
bis(2-Chloroethyl)ether
Concen: 43.24 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

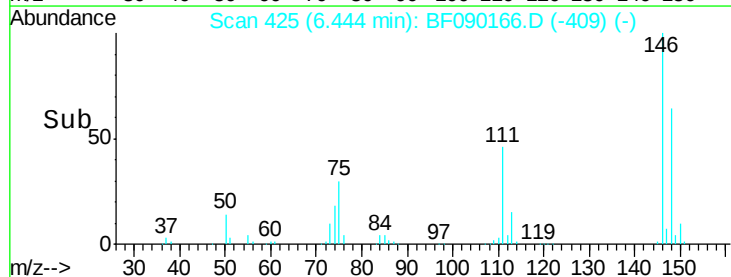
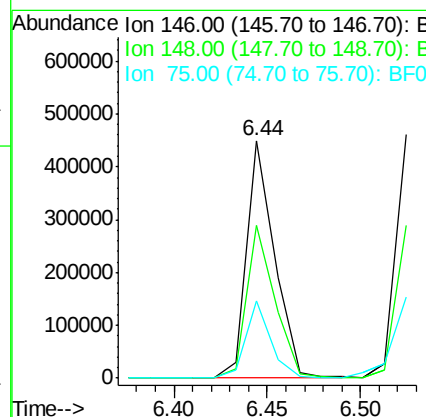
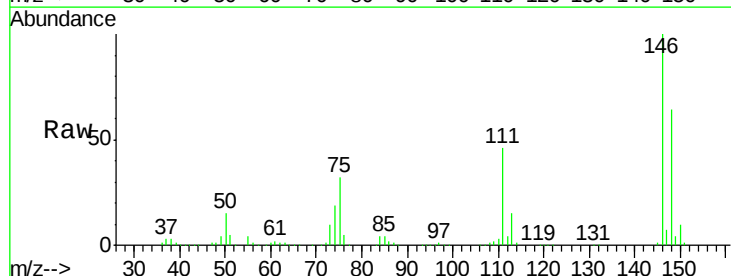
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

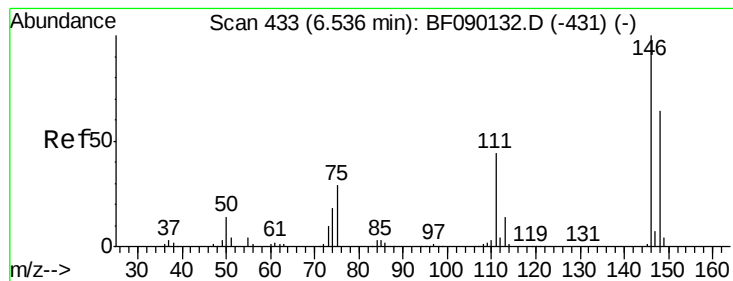
Tgt Ion: 93 Resp: 540808
Ion Ratio Lower Upper
93 100
63 66.2 55.6 95.6
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 35.65 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion: 146 Resp: 470765
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 32.3 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 36.45 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

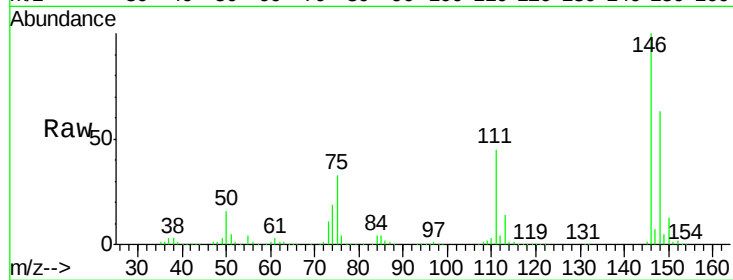
Tgt Ion:146 Resp: 491467

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

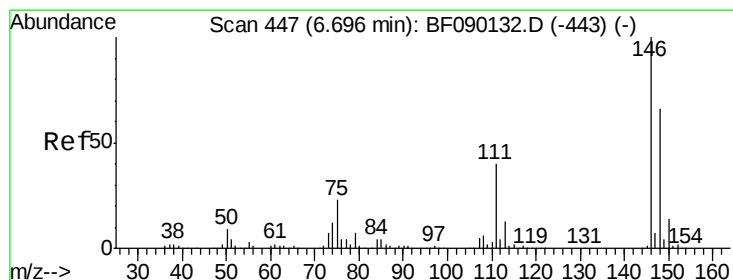
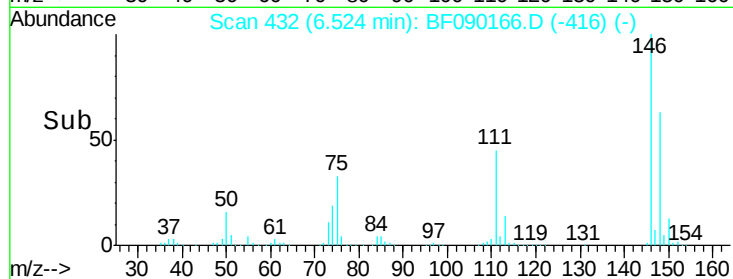
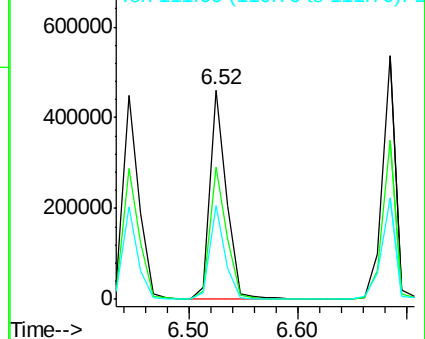
111 45.1 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.10 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

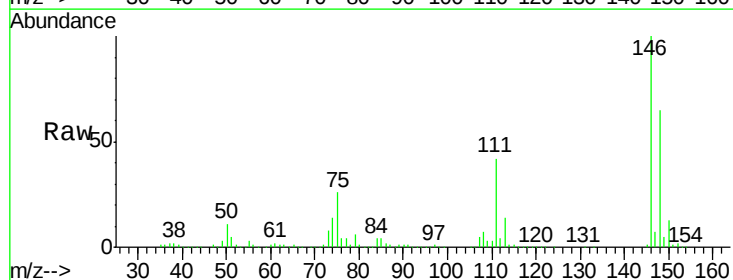
Tgt Ion:146 Resp: 457577

Ion Ratio Lower Upper

146 100

148 65.3 52.6 79.0

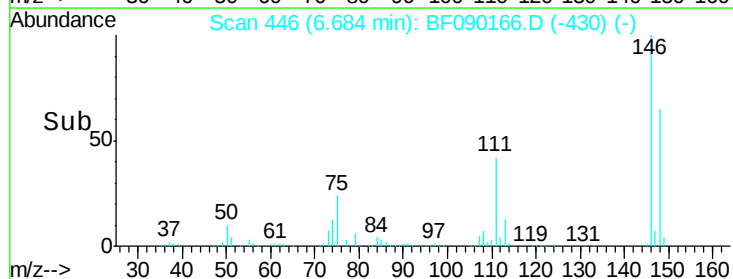
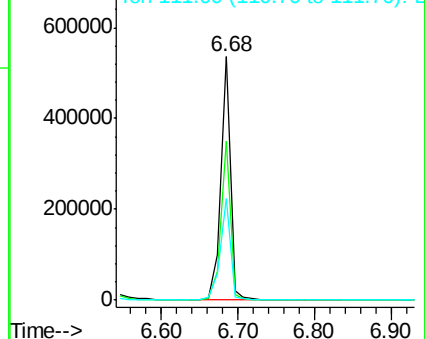
111 42.0 28.2 42.2

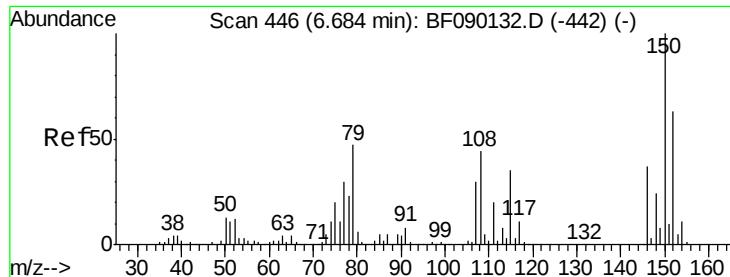


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

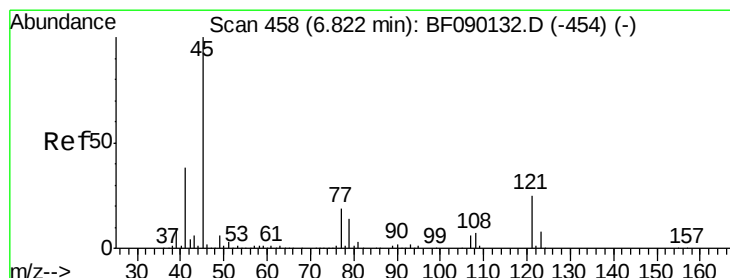
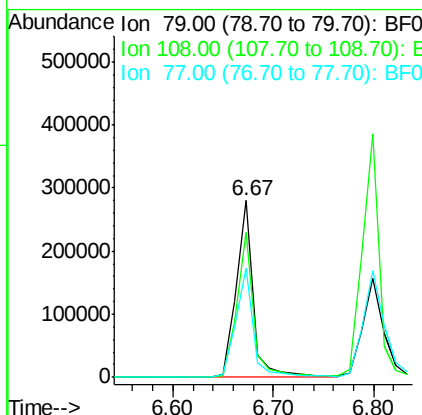
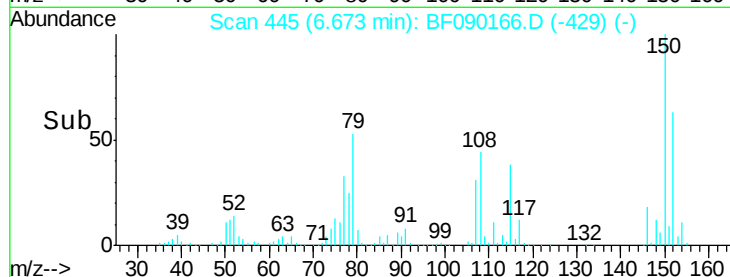
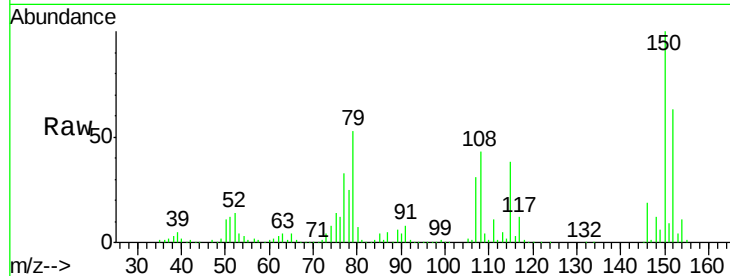




#15
Benzyl Alcohol
Concen: 41.08 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

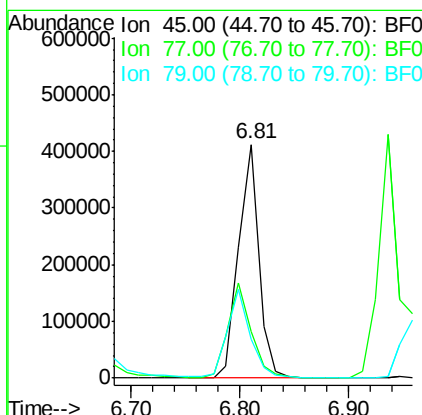
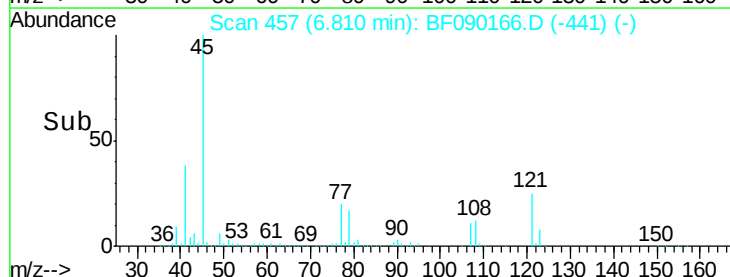
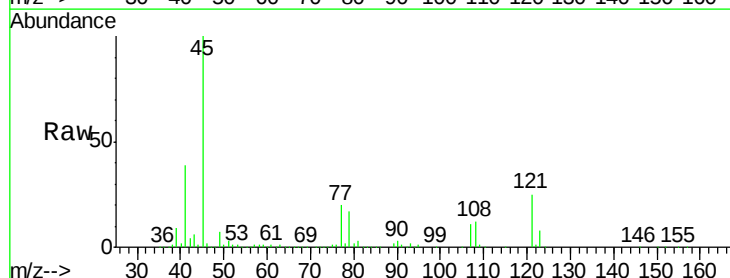
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

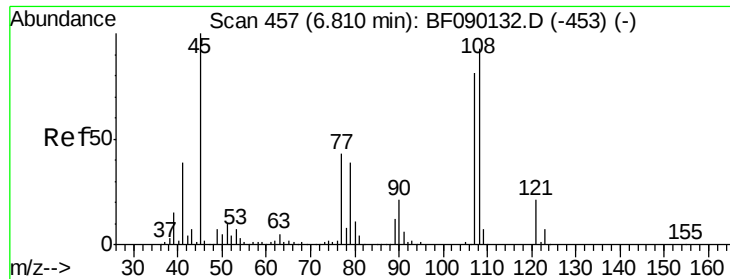
Tgt Ion: 79 Resp: 332351
Ion Ratio Lower Upper
79 100
108 82.1 62.2 93.4
77 62.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.51 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion: 45 Resp: 530722
Ion Ratio Lower Upper
45 100
77 19.8 0.5 40.5
79 16.7 0.0 37.0

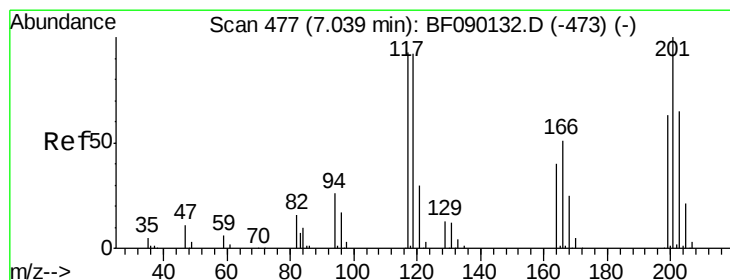
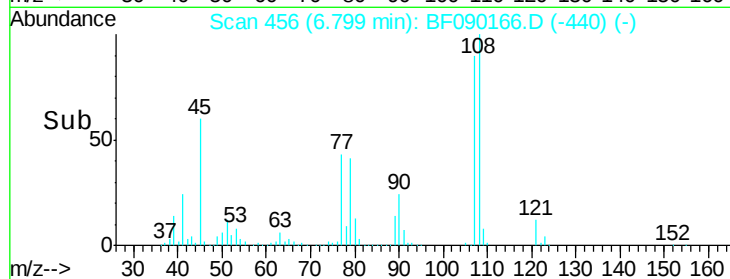
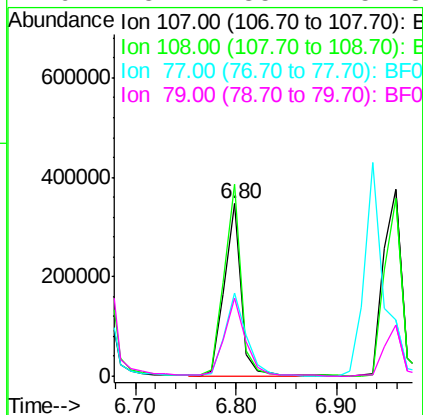
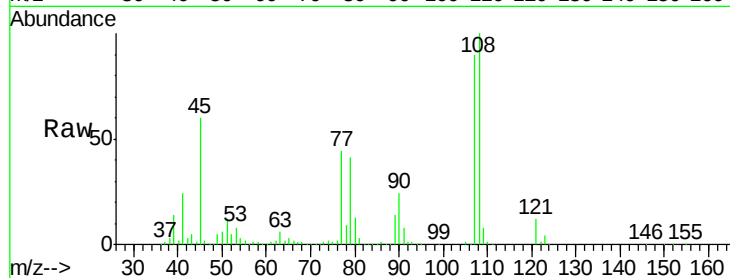




#17
2-Methylphenol
Concen: 40.29 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

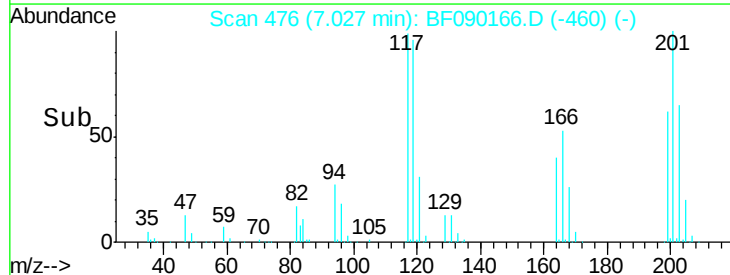
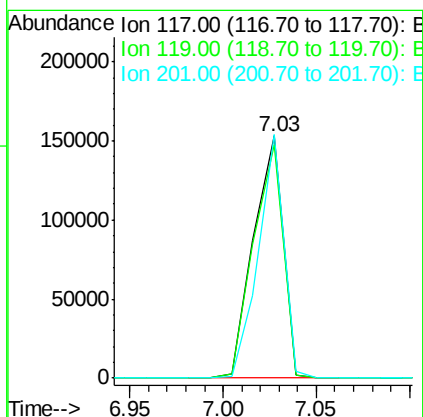
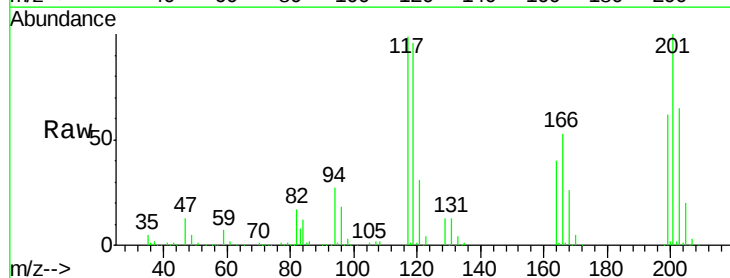
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

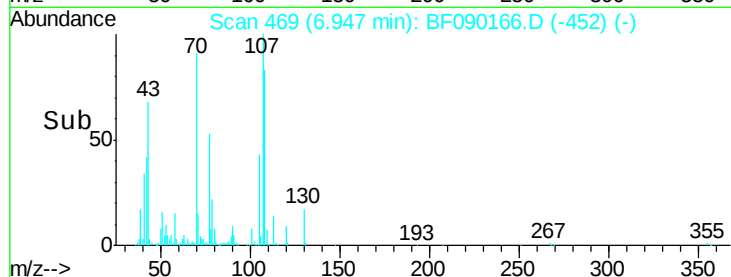
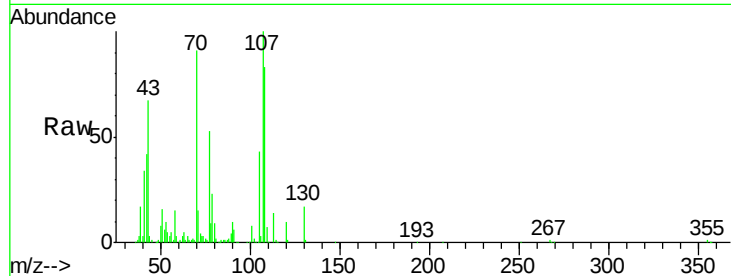
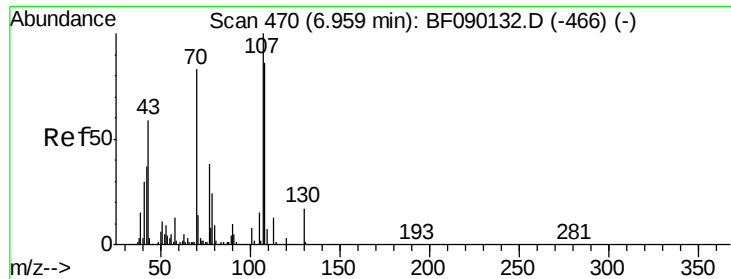
Tgt Ion:	107	Resp:	401126
Ion	Ratio	Lower	Upper
107	100		
108	111.2	92.0	138.0
77	48.5	35.6	53.4
79	45.4	35.2	52.8



#18
Hexachloroethane
Concen: 34.91 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:	117	Resp:	167870
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	115.0
201	100.6	55.5	83.3#

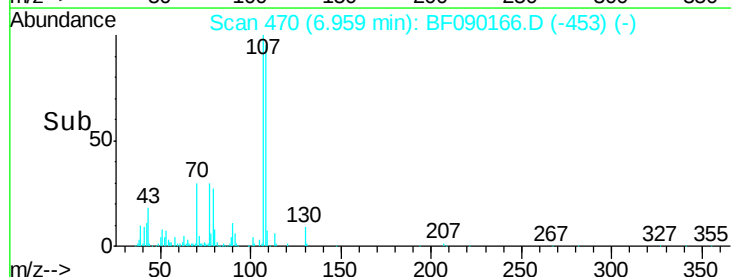
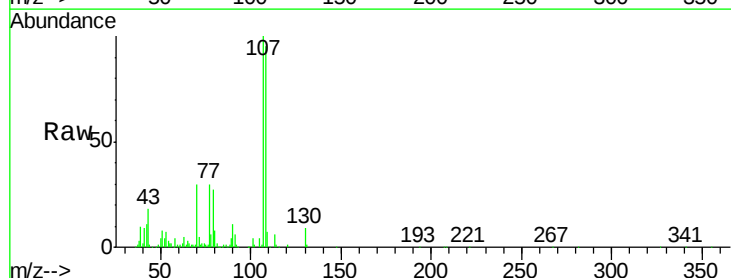
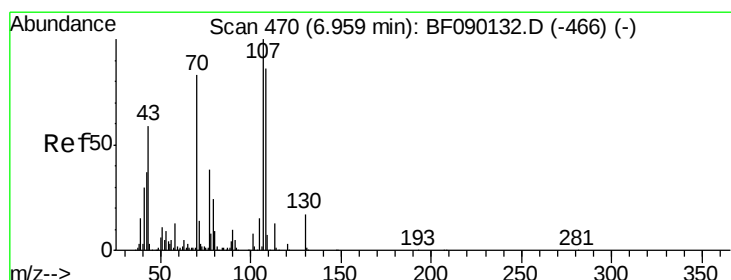
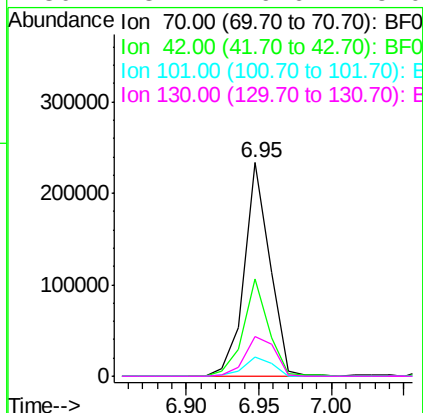




#19
n-Nitroso-di-n-propylamine
Concen: 35.94 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

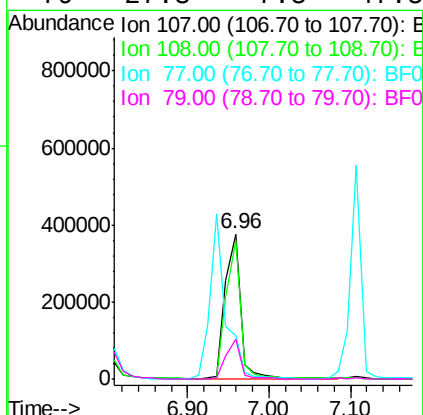
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

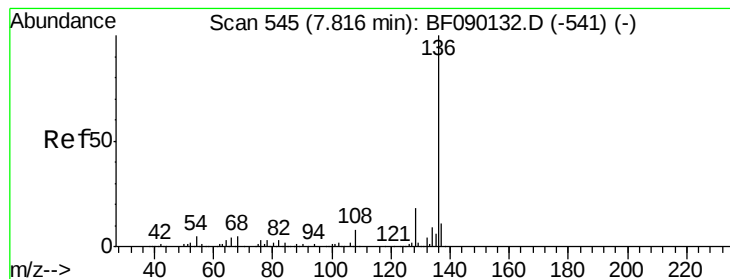
Tgt Ion:	70	Resp:	286426
Ion	Ratio	Lower	Upper
70	100		
42	45.7	35.1	52.7
101	9.2	7.5	11.3
130	18.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.69 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:	107	Resp:	486432
Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.3	113.3
77	30.1	14.1	54.1
79	27.3	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 632124

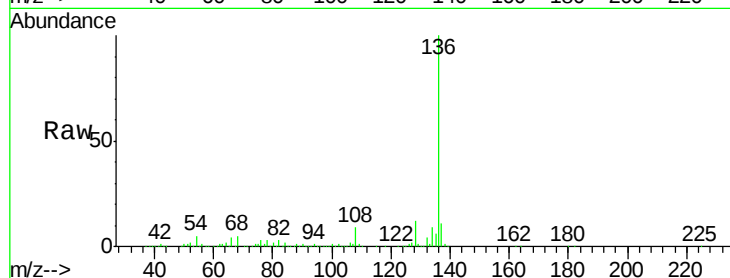
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.2 6.4 9.6#

68 5.3 6.3 9.5#

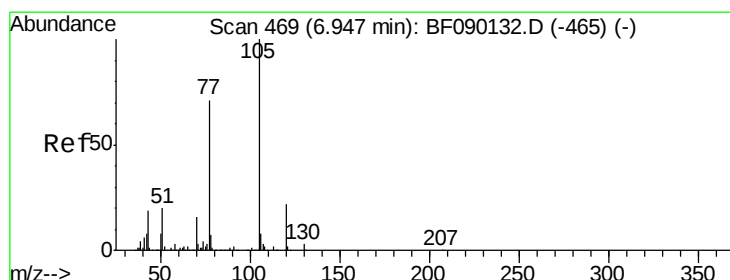
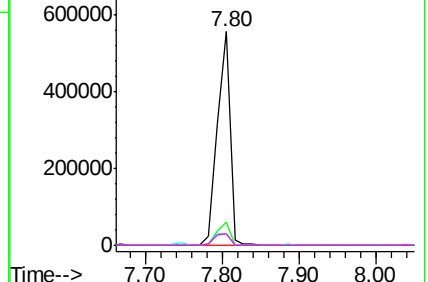
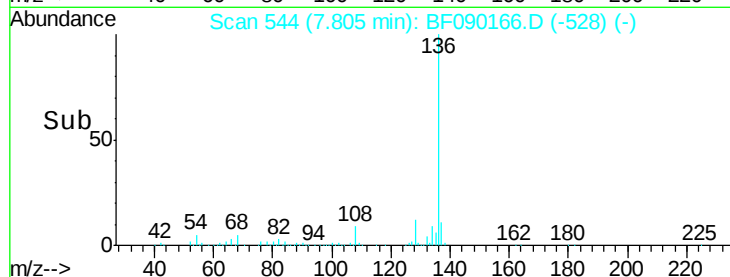


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.23 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Tgt Ion:105 Resp: 628469

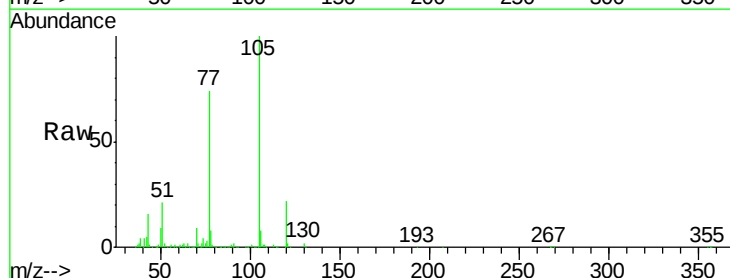
Ion Ratio Lower Upper

105 100

71 1.6 4.1 6.1#

51 21.0 16.2 24.2

120 21.6 18.2 27.2

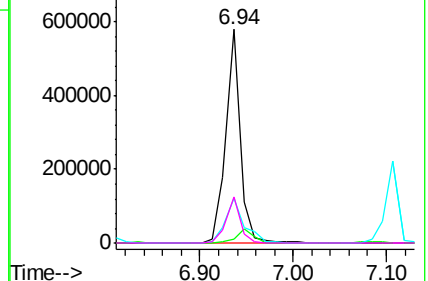
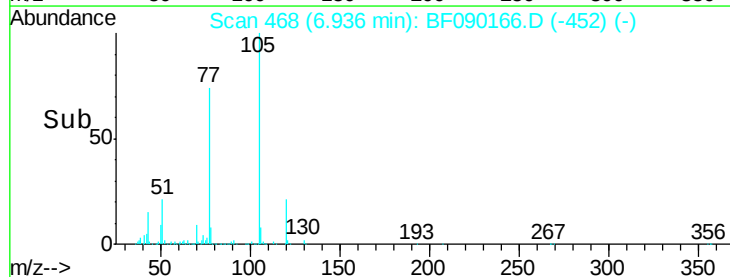


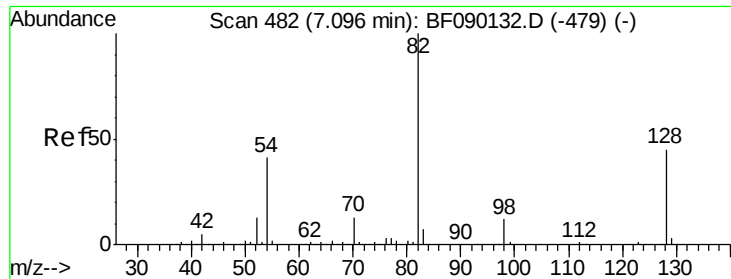
Abundance Ion 105.00 (104.70 to 105.70): E

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

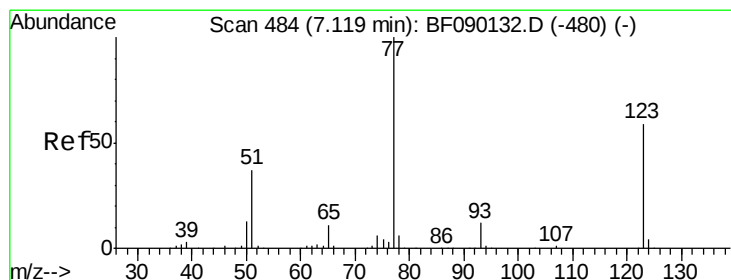
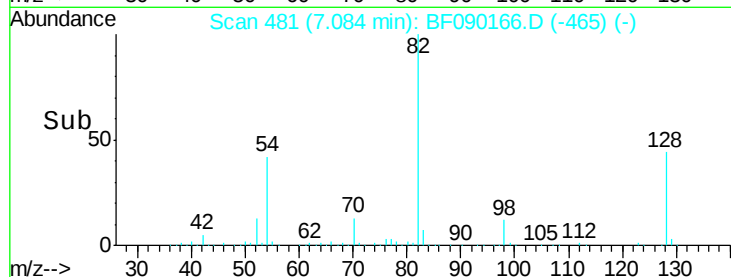
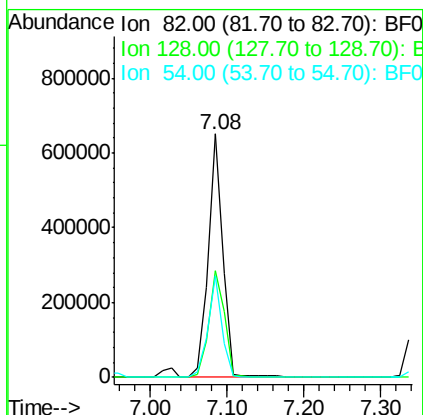
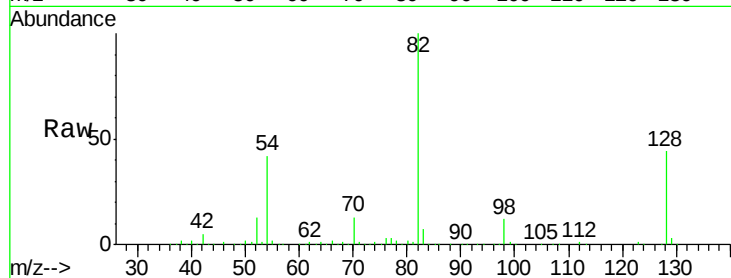




#23
 Nitrobenzene-d5
 Concen: 77.48 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

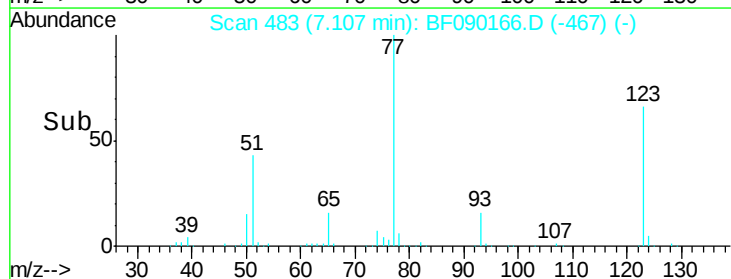
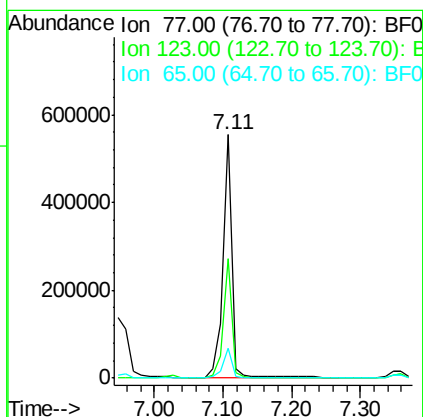
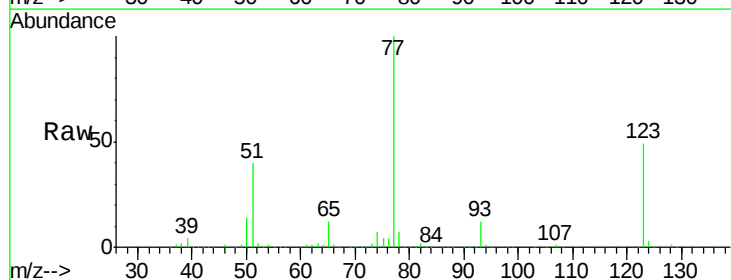
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

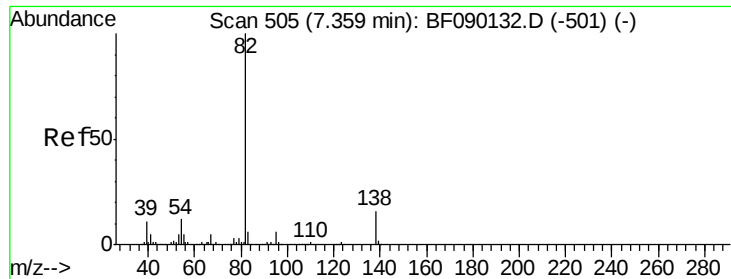
Tgt Ion: 82 Resp: 844879
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.5 56.3
 54 41.7 31.9 47.9



#24
 Nitrobenzene
 Concen: 44.71 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion: 77 Resp: 508020
 Ion Ratio Lower Upper
 77 100
 123 49.3 33.4 50.2
 65 12.5 10.1 15.1





#25

Isophorone

Concen: 37.22 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

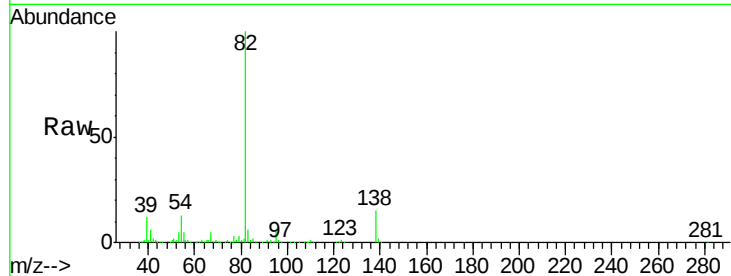
Tgt Ion: 82 Resp: 848063

Ion Ratio Lower Upper

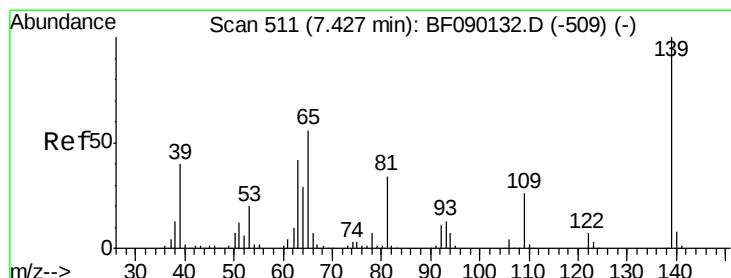
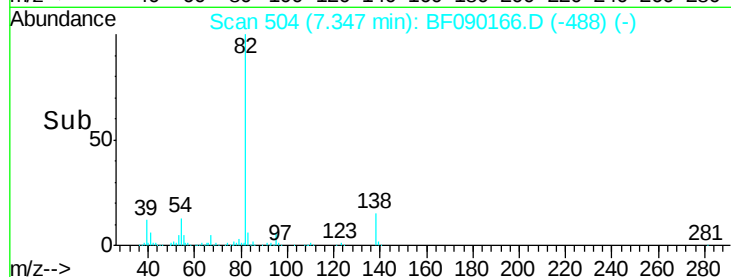
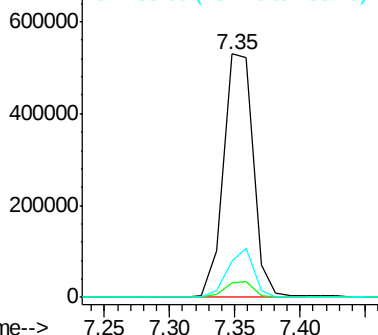
82 100

95 6.2 5.1 7.7

138 15.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.09 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

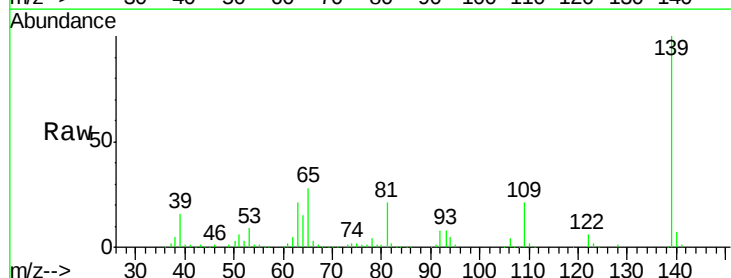
Tgt Ion: 139 Resp: 235475

Ion Ratio Lower Upper

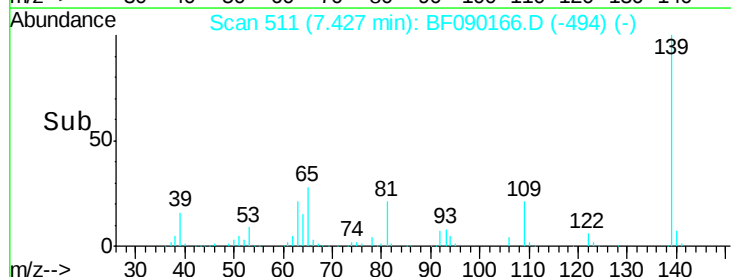
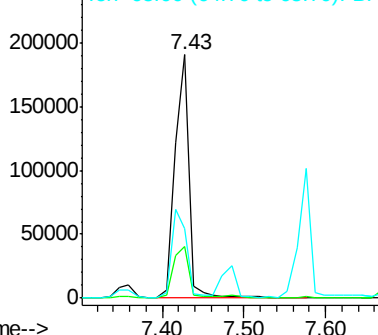
139 100

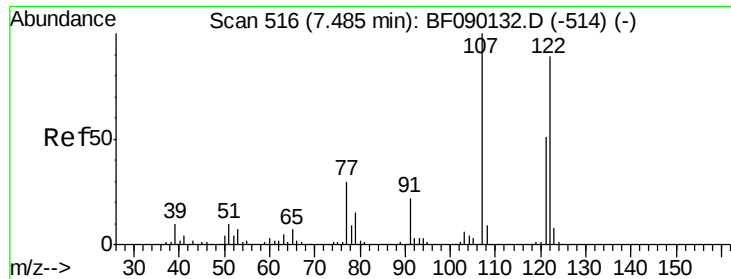
109 21.1 20.5 30.7

65 28.5 37.9 56.9#



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

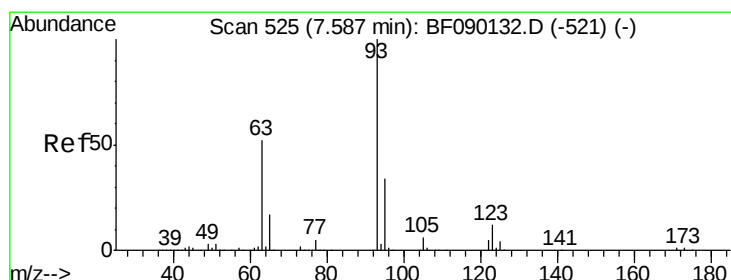
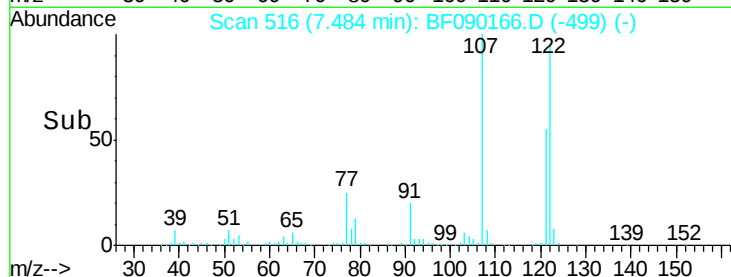
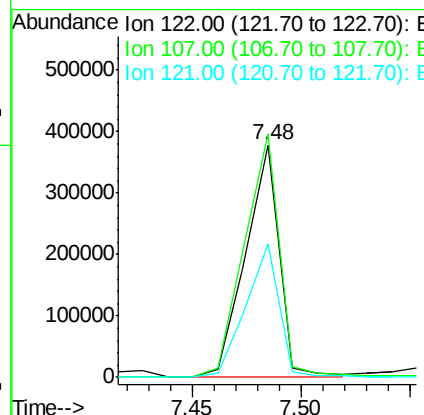
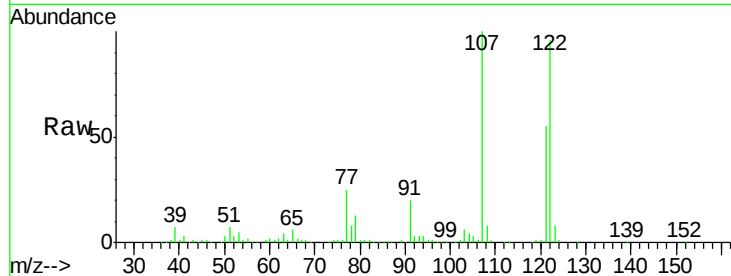




#27
 2,4-Dimethylphenol
 Concen: 40.74 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

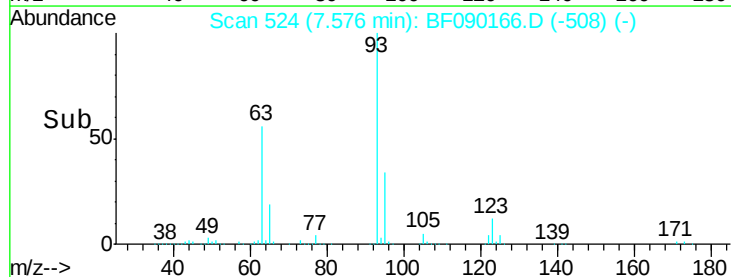
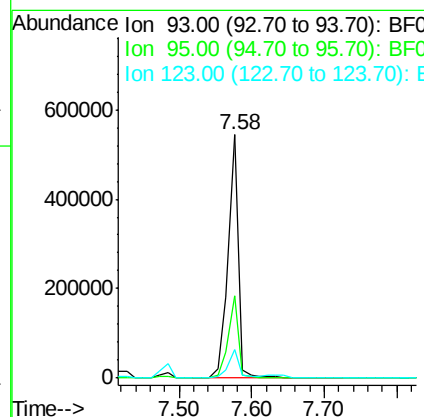
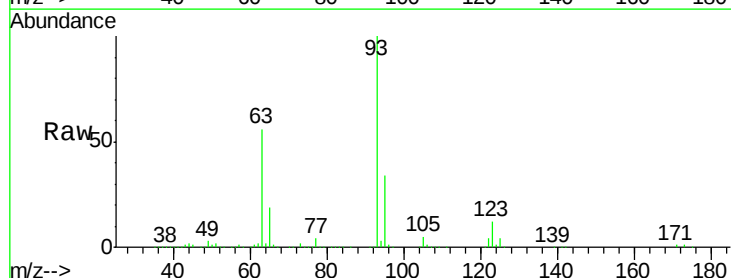
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

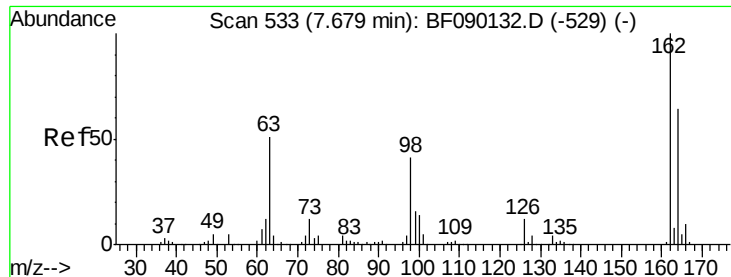
Tgt Ion:122 Resp: 404948
 Ion Ratio Lower Upper
 122 100
 107 104.7 87.8 131.6
 121 57.6 45.7 68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.92 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion: 93 Resp: 536393
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.8 40.2
 123 11.8 8.5 12.7

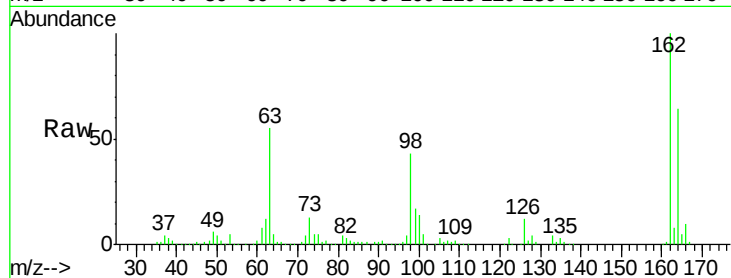




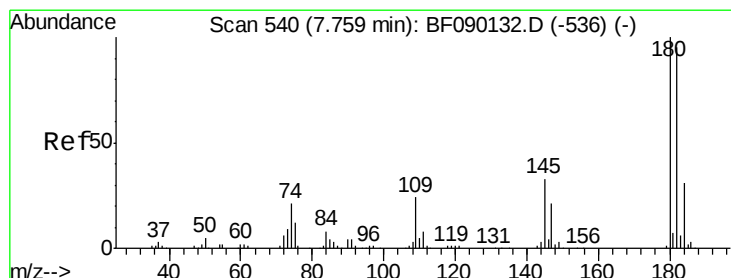
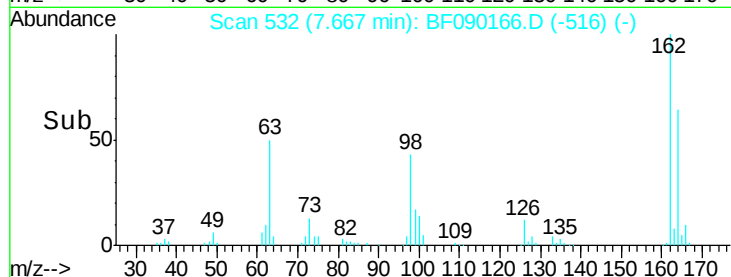
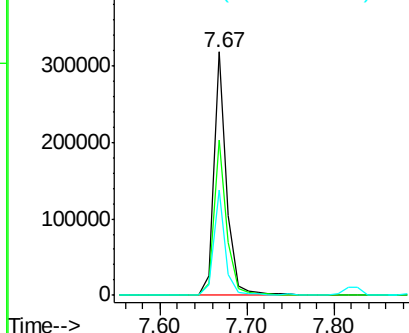
#29
 2,4-Dichlorophenol
 Concen: 37.88 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 330270
 Ion Ratio Lower Upper
 162 100
 164 64.0 46.2 86.2
 98 43.0 10.4 50.4

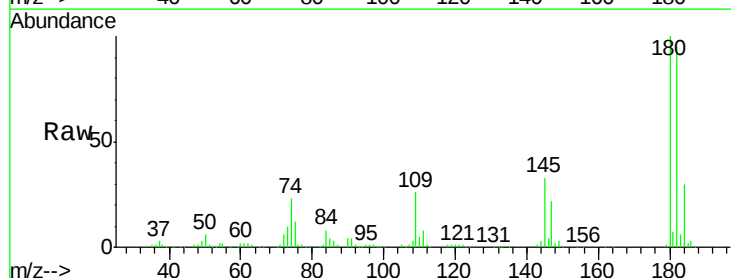


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

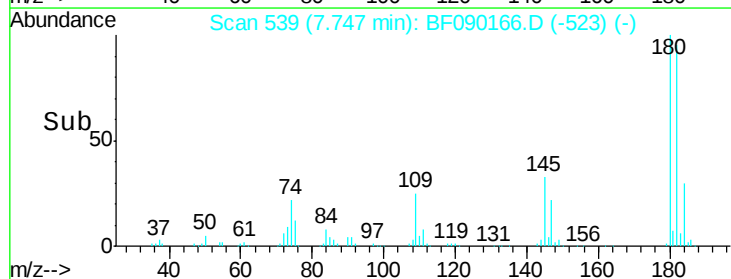
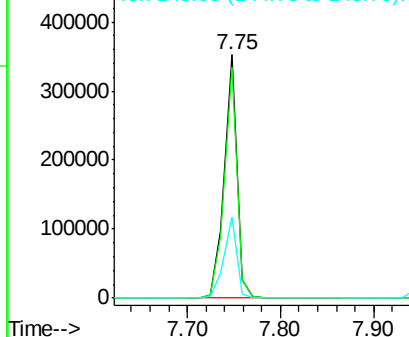


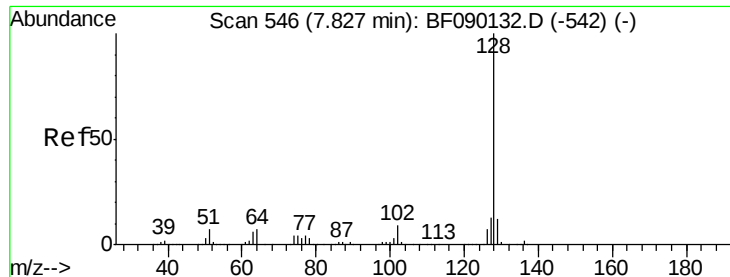
#30
 1,2,4-Trichlorobenzene
 Concen: 38.34 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:180 Resp: 333914
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.0 112.6
 145 33.1 28.6 42.8



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

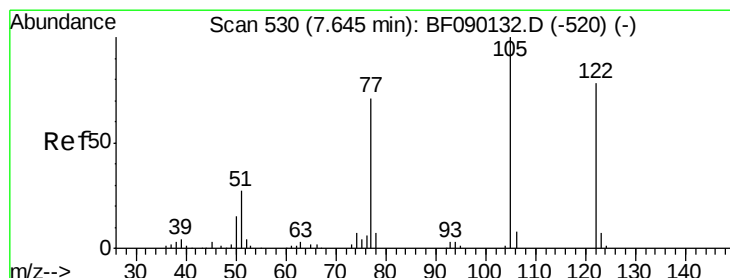
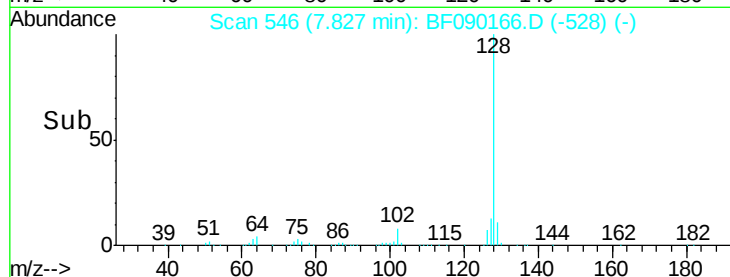
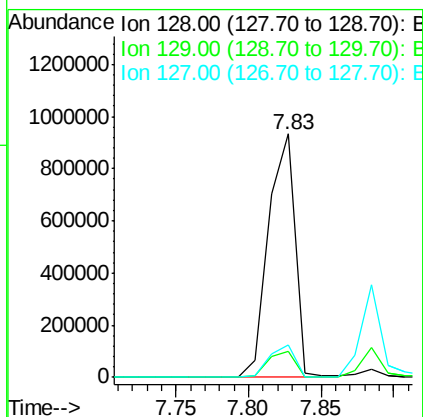
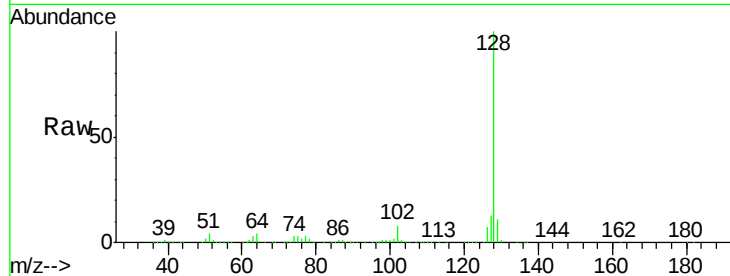




#31
Naphthalene
Concen: 39.50 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

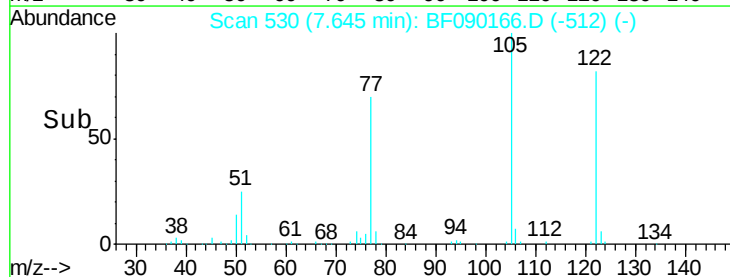
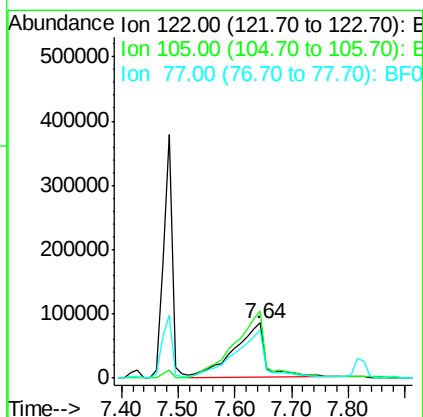
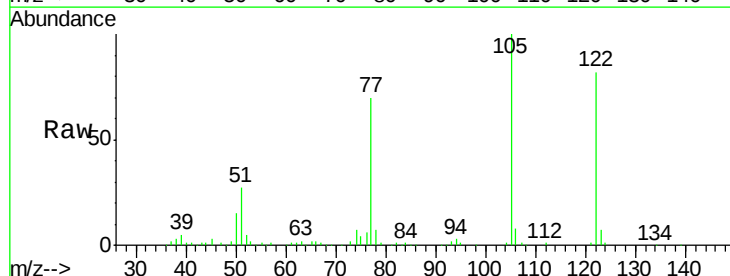
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

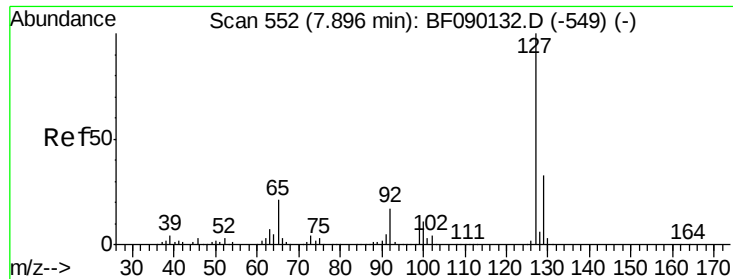
Tgt Ion:128 Resp: 1188770
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 48.54 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:122 Resp: 331209
Ion Ratio Lower Upper
122 100
105 121.9 105.0 145.0
77 85.8 70.4 110.4

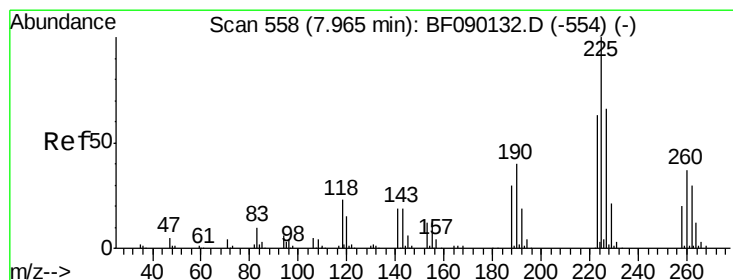
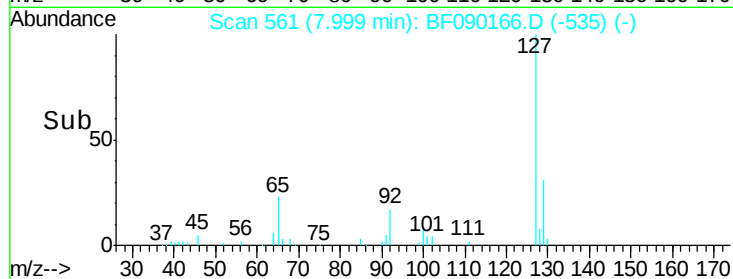
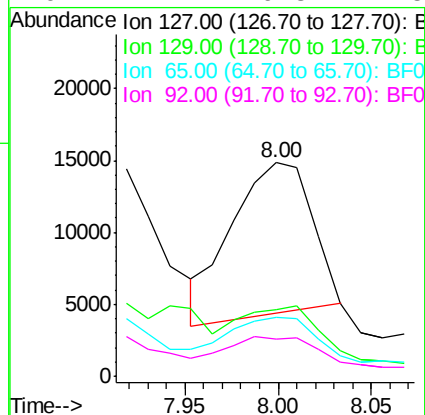
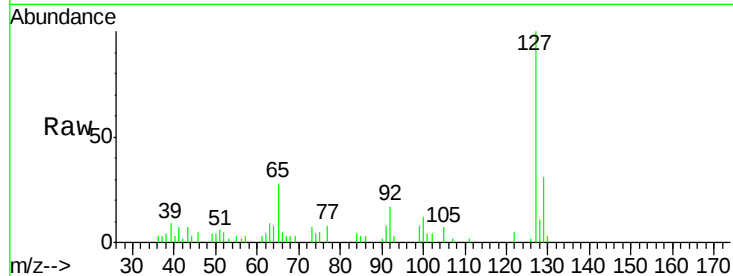




#33
4-Chloroaniline
Concen: 2.54 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.10 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

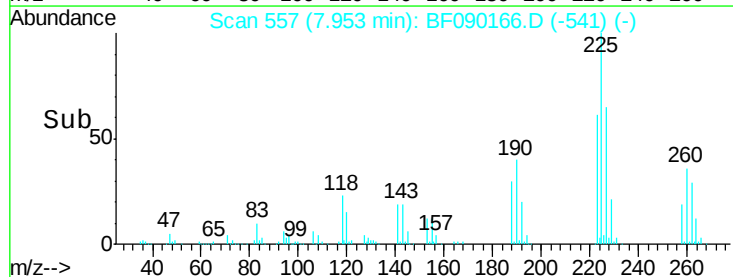
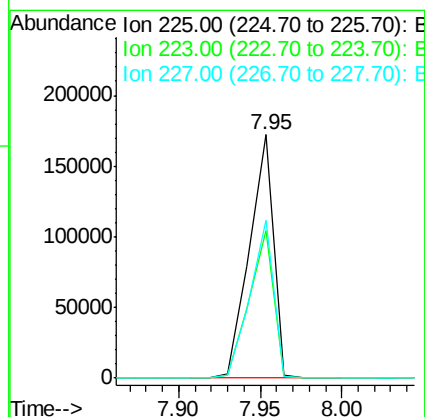
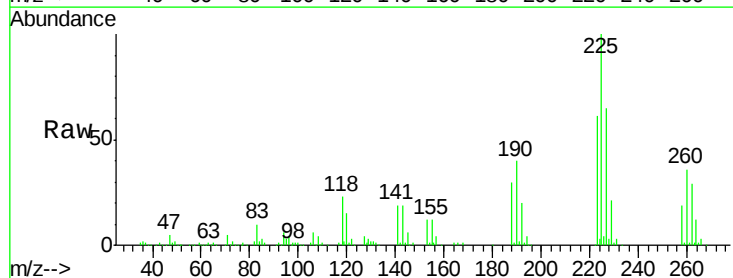
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

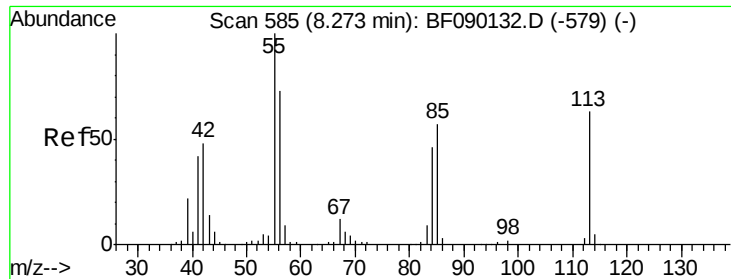
Tgt Ion:	127	Resp:	31682
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	27.5	24.1	36.1
92	17.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:	225	Resp:	176141
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.3	76.9
227	64.9	51.4	77.0

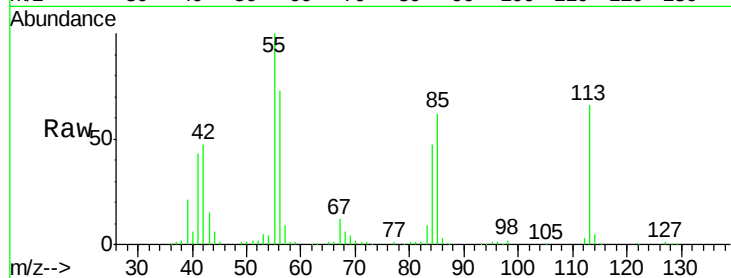




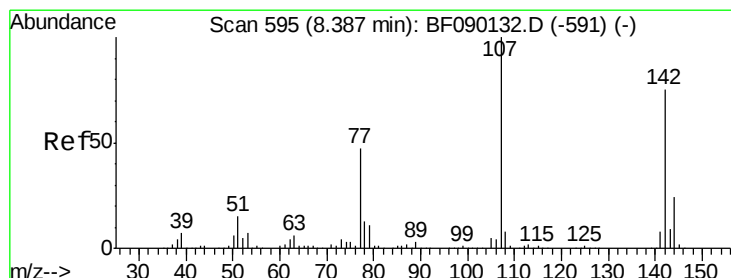
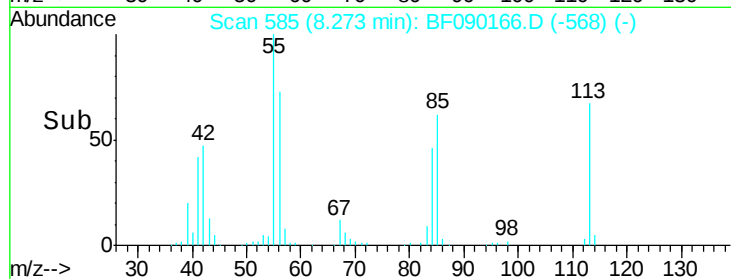
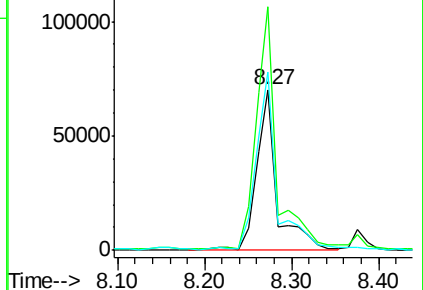
#35
 Caprolactam
 Concen: 40.23 ng
 RT: 8.27 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 116083
 Ion Ratio Lower Upper
 113 100
 55 151.3 134.5 174.5
 56 111.0 93.7 133.7

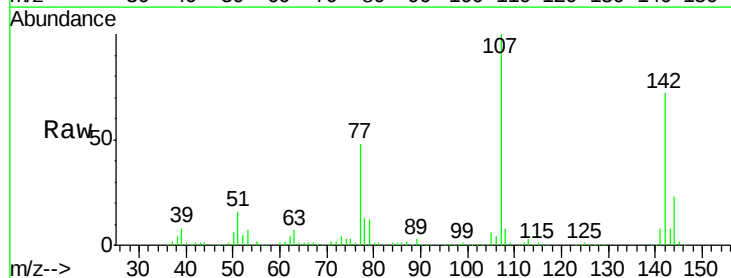


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

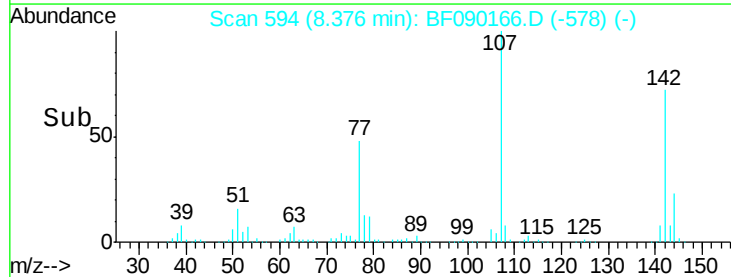
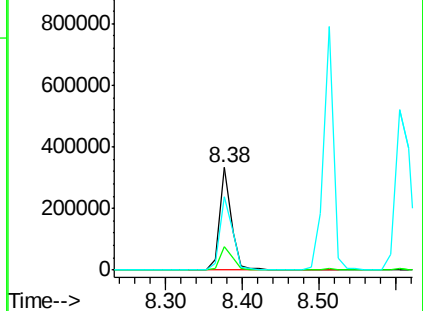


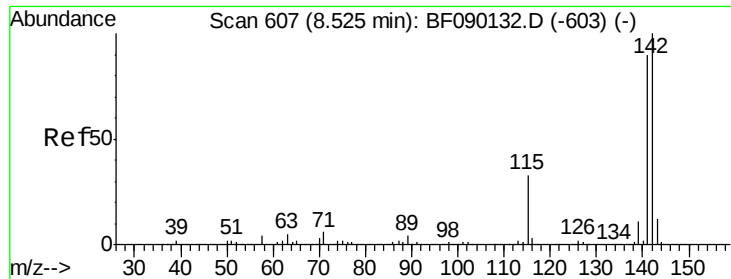
#36
 4-Chloro-3-methylphenol
 Concen: 36.55 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:107 Resp: 360140
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.6 27.8
 142 71.9 57.0 85.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

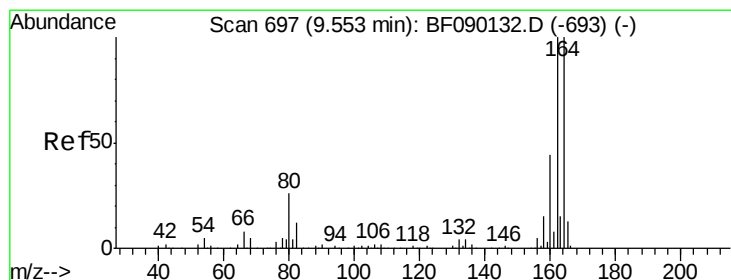
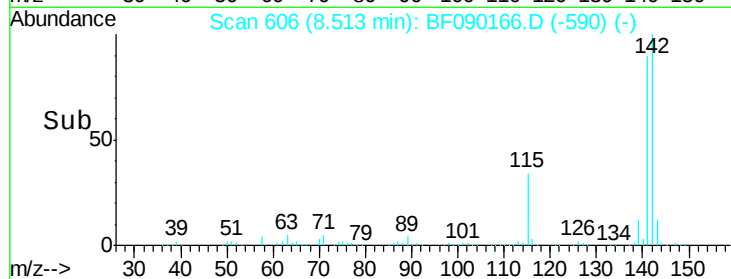
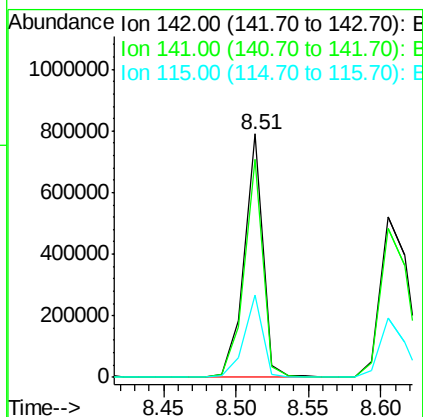
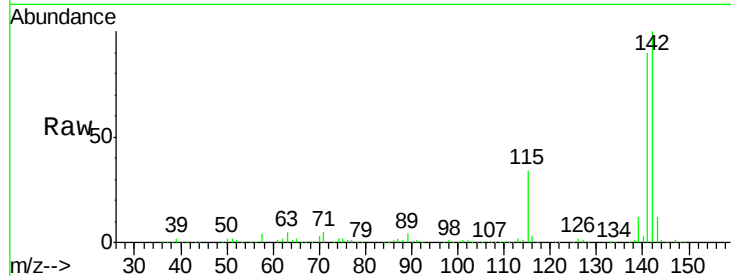




#37
 2-Methylnaphthalene
 Concen: 37.74 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

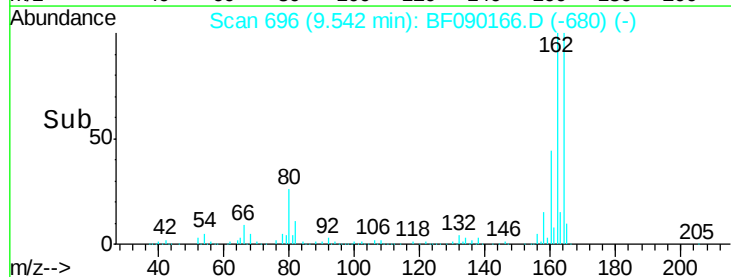
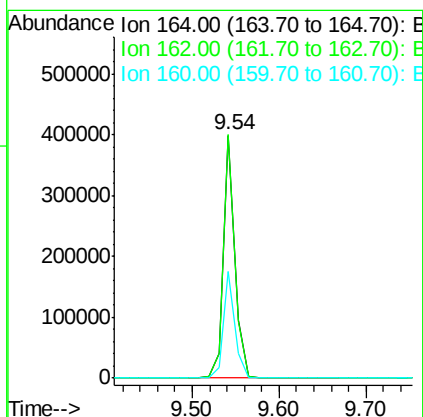
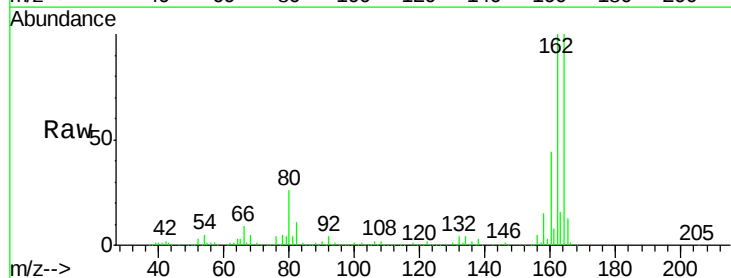
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

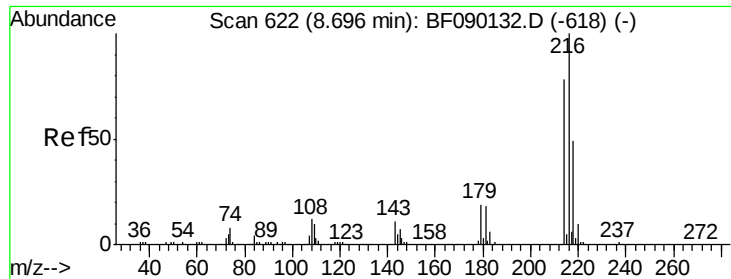
Tgt Ion:142 Resp: 706380
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 33.9 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:164 Resp: 371895
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.4 122.2
 160 43.9 36.6 54.8

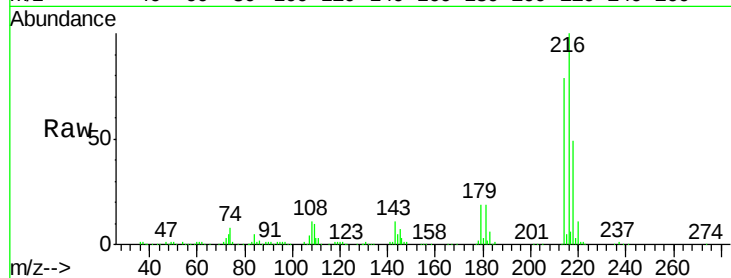




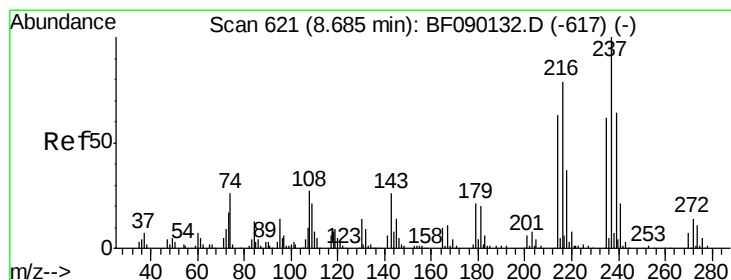
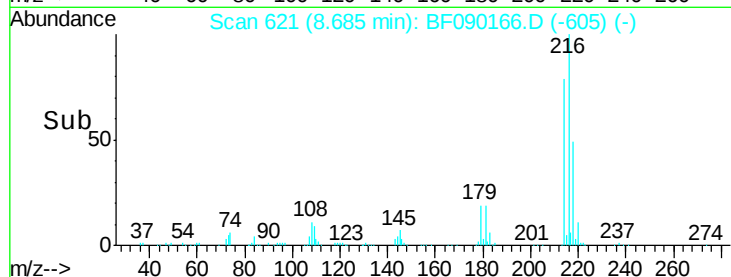
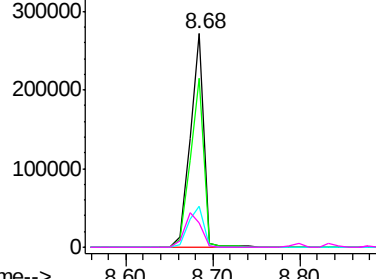
#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.03 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	216	Resp:	299039
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.7	95.5
179	21.3	18.5	27.7
108	19.8	19.5	29.3

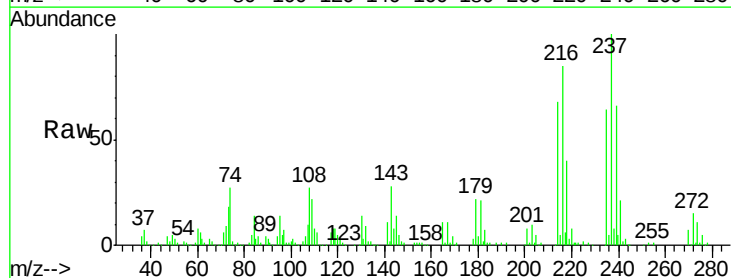


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

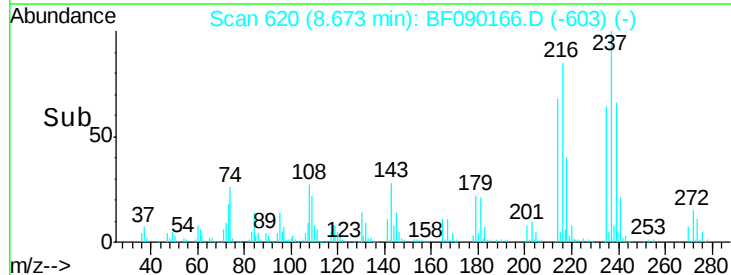
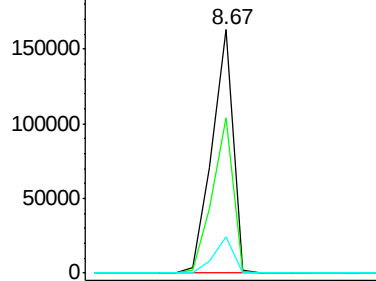


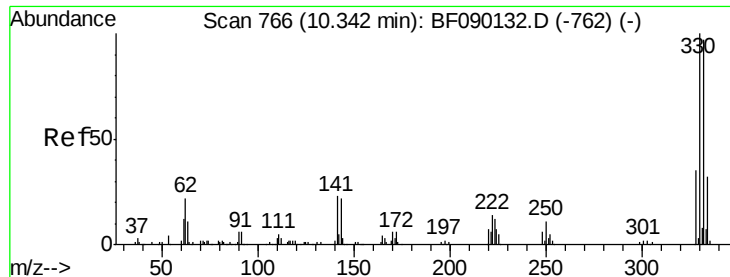
#40
Hexachlorocyclopentadiene
Concen: 38.97 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:	237	Resp:	164146
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.5	82.5
272	14.6	0.0	32.0



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

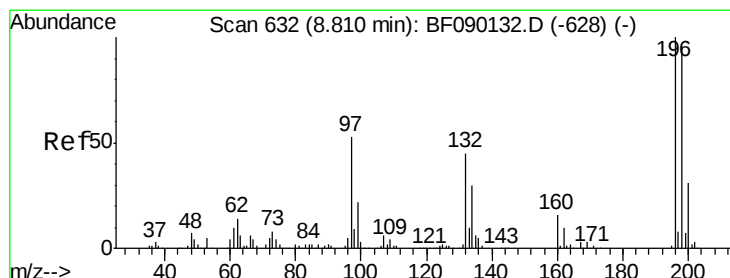
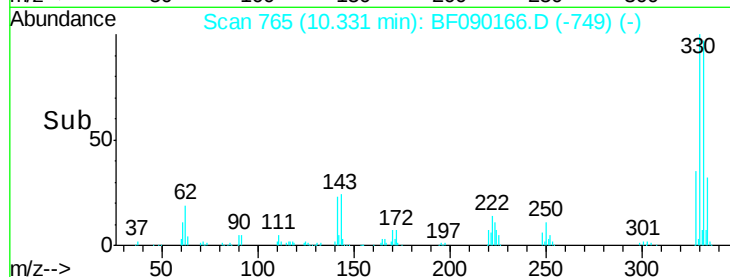
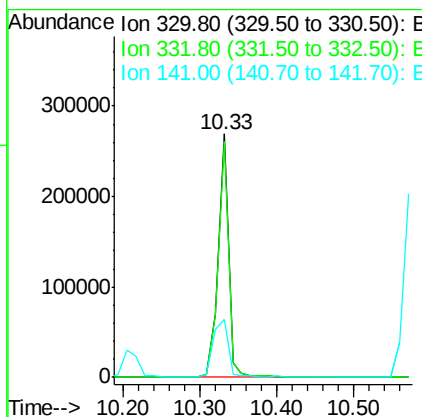
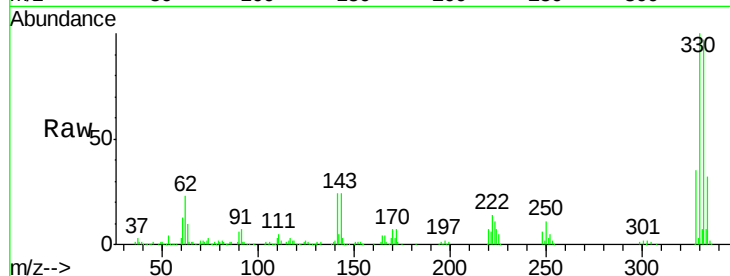




#41
 2,4,6-Tribromophenol
 Concen: 80.15 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

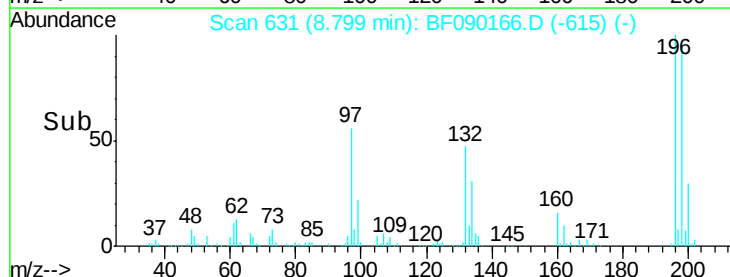
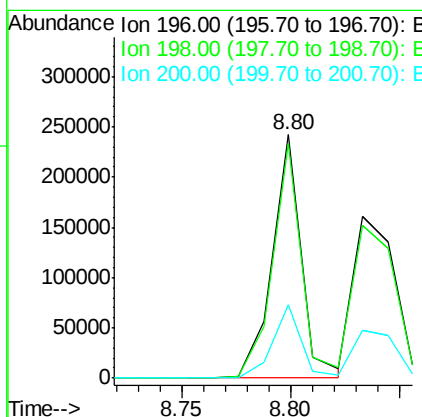
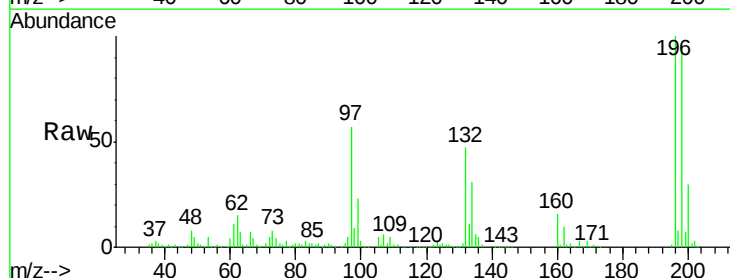
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 255732
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.1 117.1
 141 33.5 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.37 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:196 Resp: 227347
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 30.4 24.1 36.1

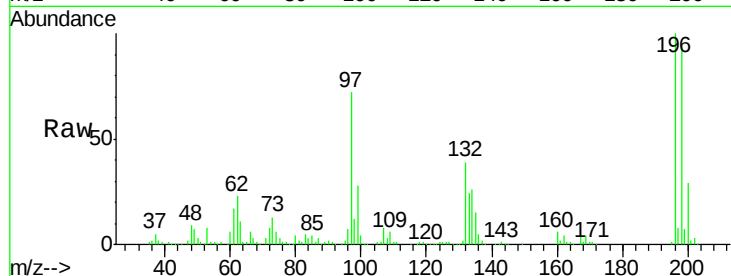




#43
 2,4,5-Trichlorophenol
 Concen: 34.94 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	114.8
97	71.7	34.4	51.6
132	38.8	22.2	33.2



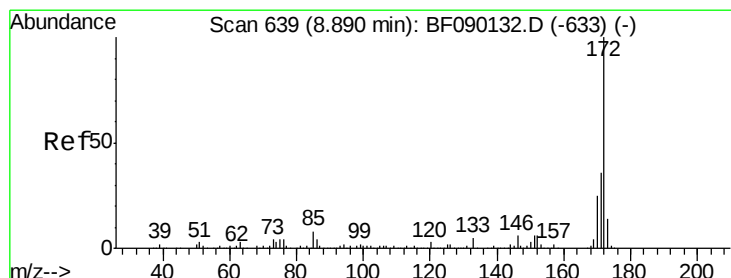
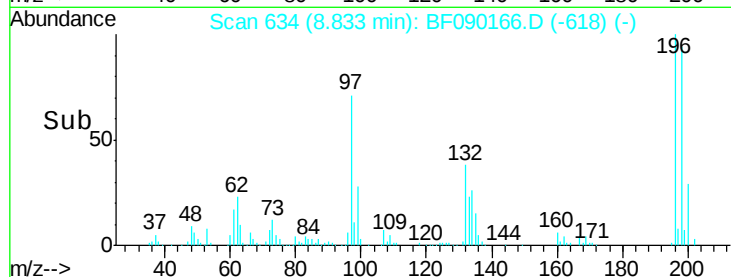
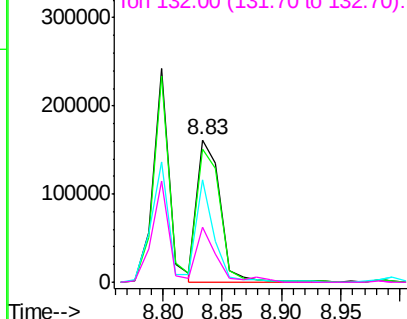
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

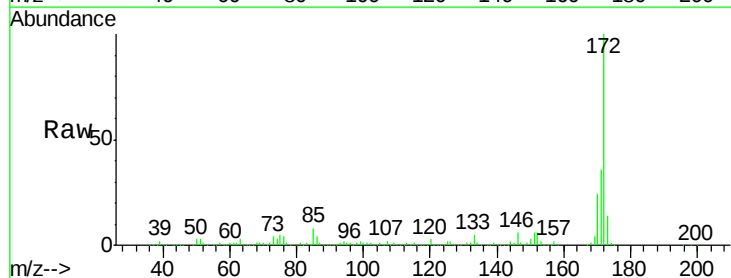
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.71 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.2	19.8	29.8

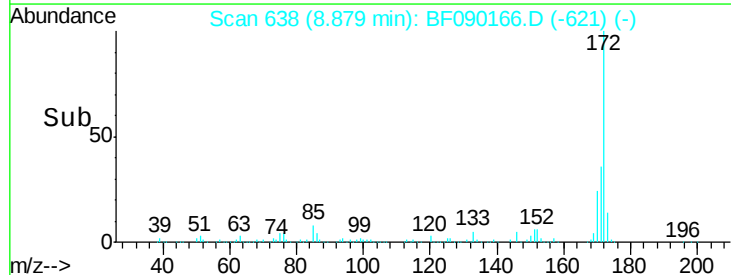
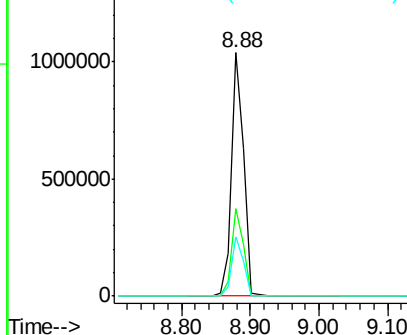


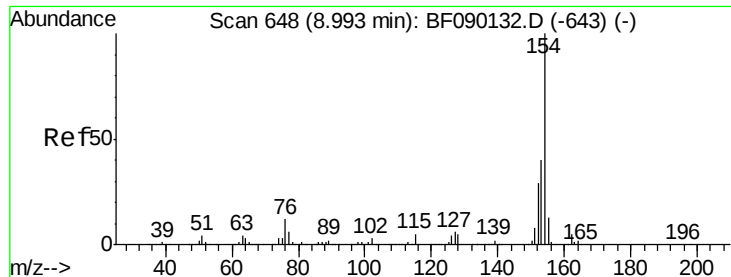
Abundance

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

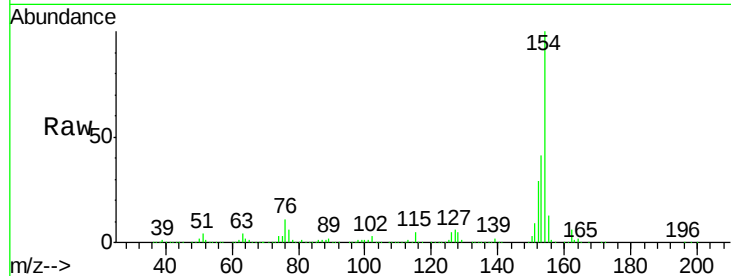




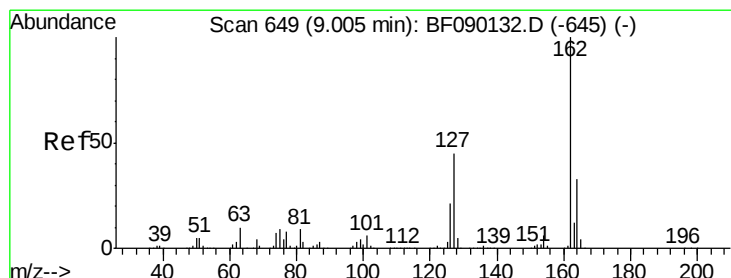
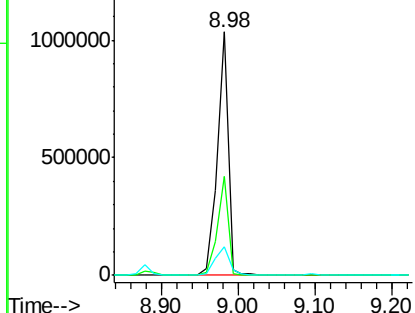
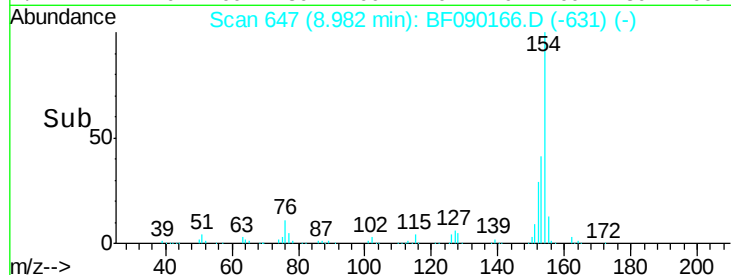
#45
 1,1'-Biphenyl
 Concen: 38.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1017992
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 11.5 0.0 36.7

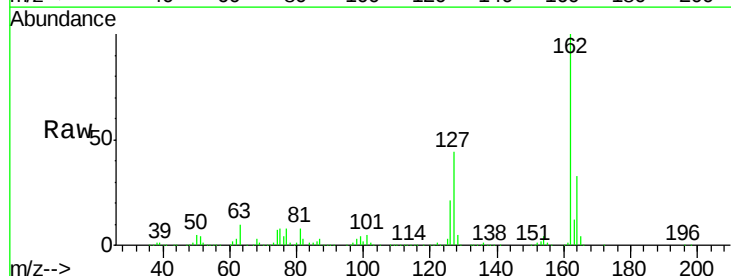


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

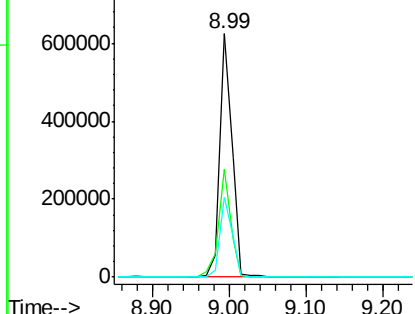
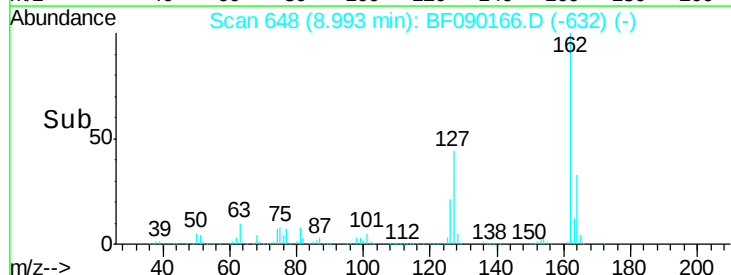


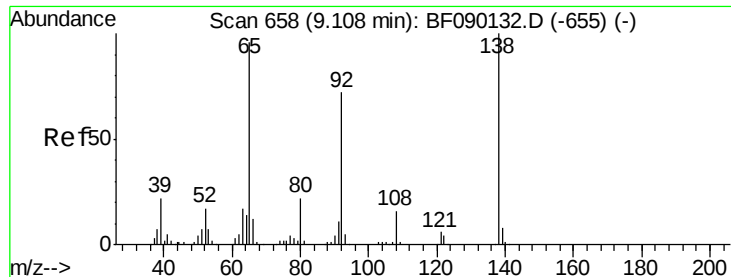
#46
 2-Chloronaphthalene
 Concen: 35.70 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:162 Resp: 700742
 Ion Ratio Lower Upper
 162 100
 127 44.4 34.0 51.0
 164 33.0 26.8 40.2



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

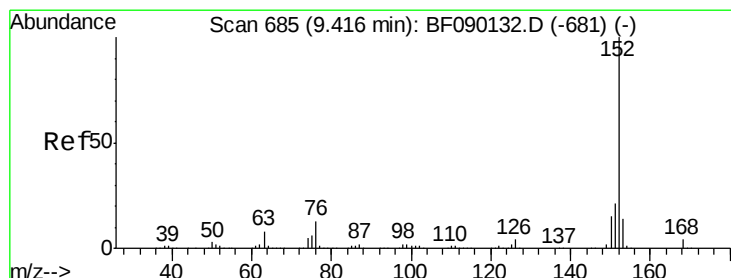
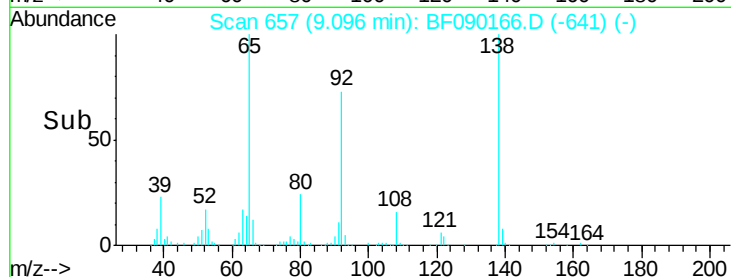
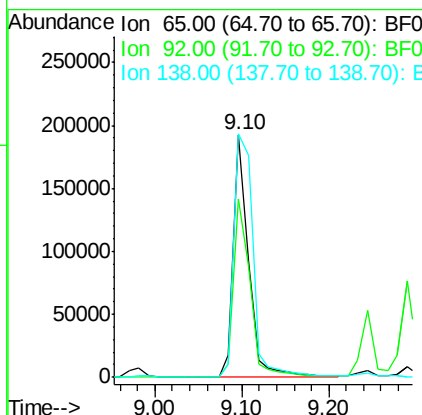
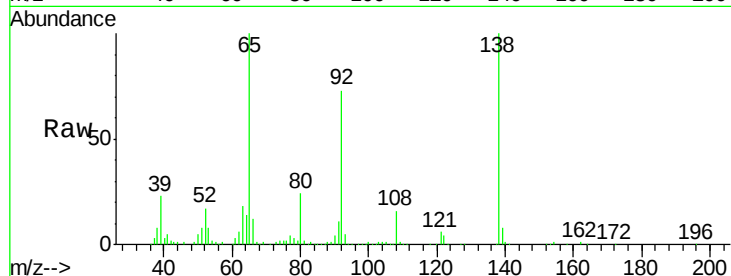




#47
2-Nitroaniline
Concen: 39.90 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

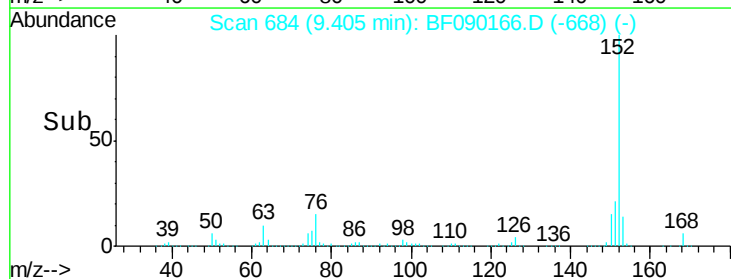
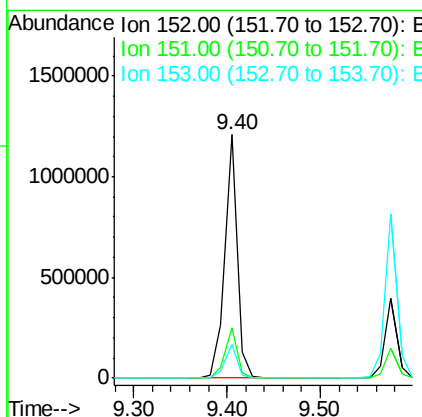
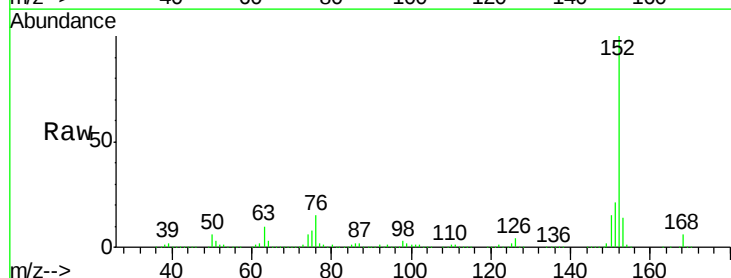
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

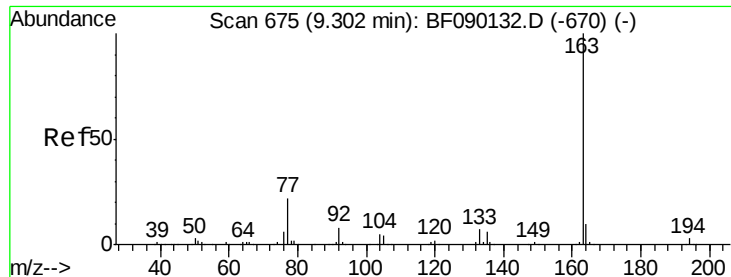
Tgt Ion: 65 Resp: 236103
Ion Ratio Lower Upper
65 100
92 73.5 66.1 99.1
138 100.2 104.1 156.1#



#48
Acenaphthylene
Concen: 35.24 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion: 152 Resp: 1123372
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.7 10.6 15.8

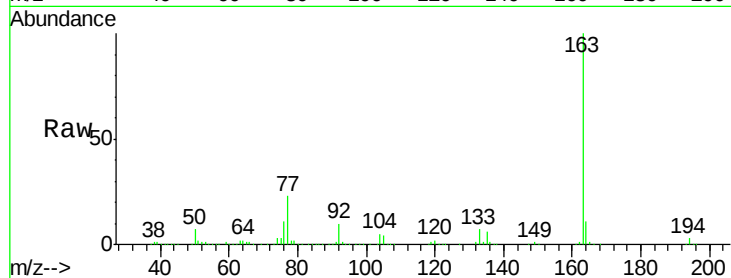




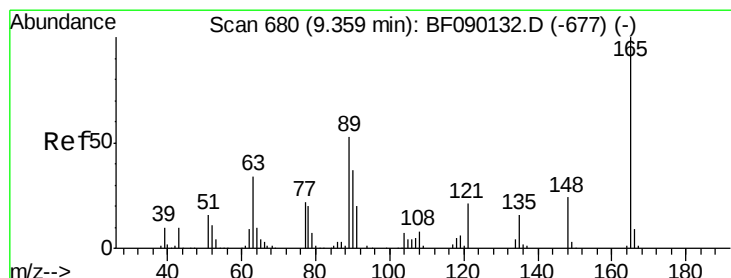
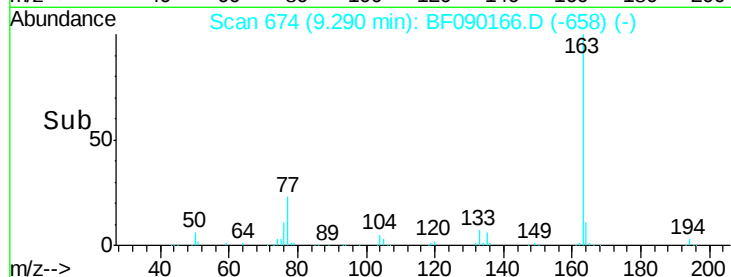
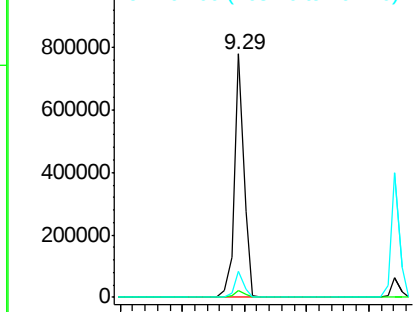
#49
Dimethylphthalate
Concen: 35.39 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 838386
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.6 8.1 12.1

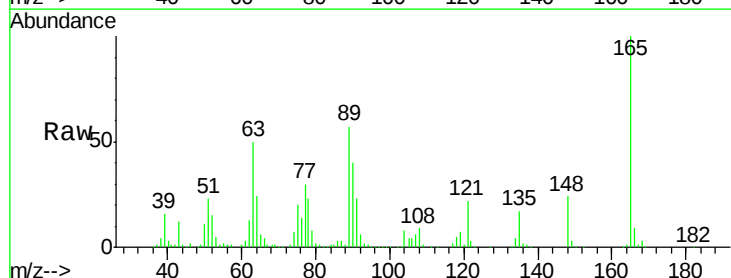


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

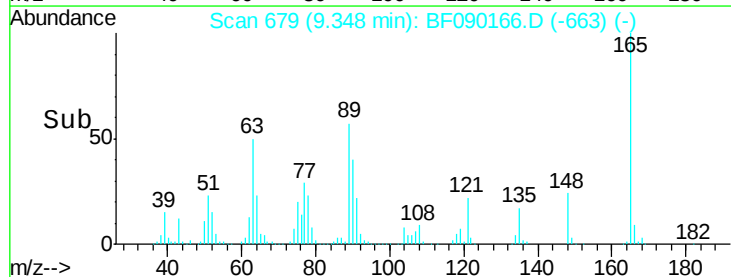
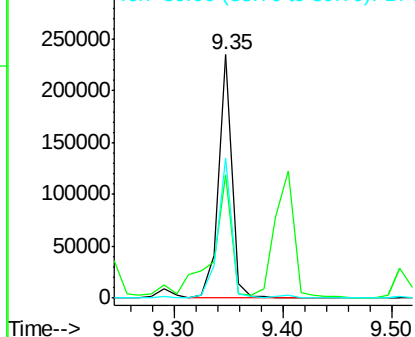


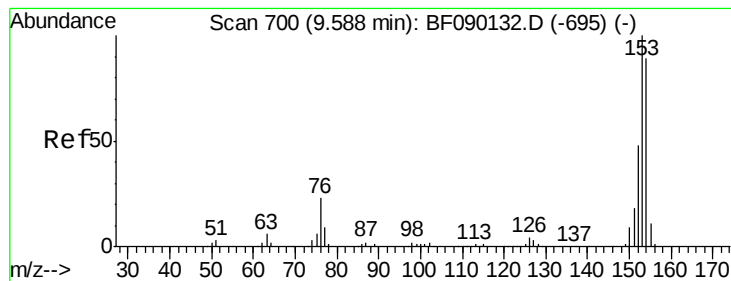
#50
2,6-Dinitrotoluene
Concen: 38.78 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:165 Resp: 204707
Ion Ratio Lower Upper
165 100
63 50.4 49.9 74.9
89 57.4 51.0 76.4



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: 38.40 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

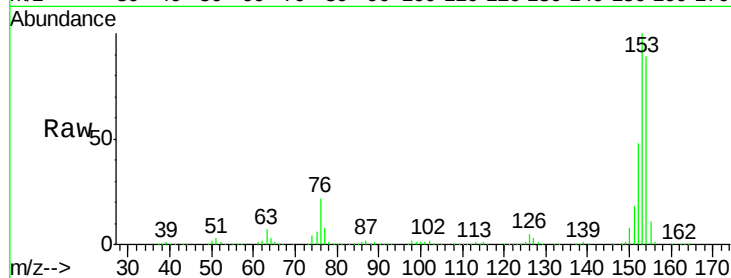
Tgt Ion:154 Resp: 726555

Ion Ratio Lower Upper

154 100

153 112.3 90.8 136.2

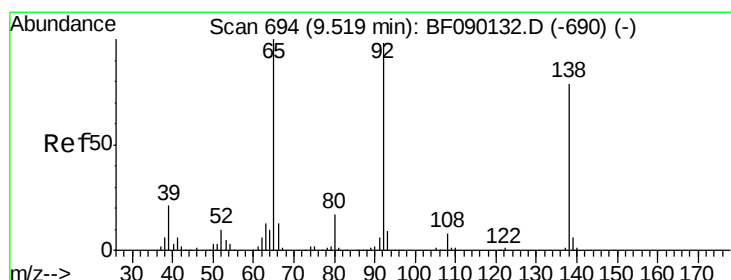
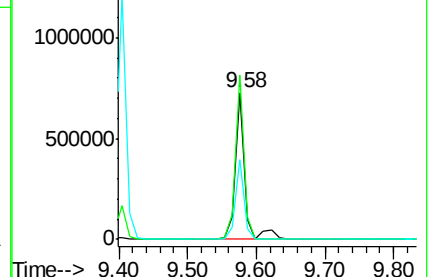
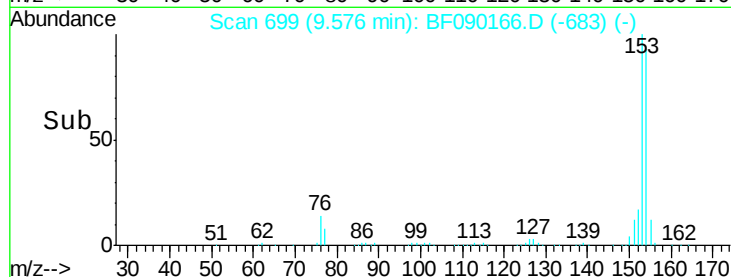
152 54.4 44.2 66.4



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: 35.93 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

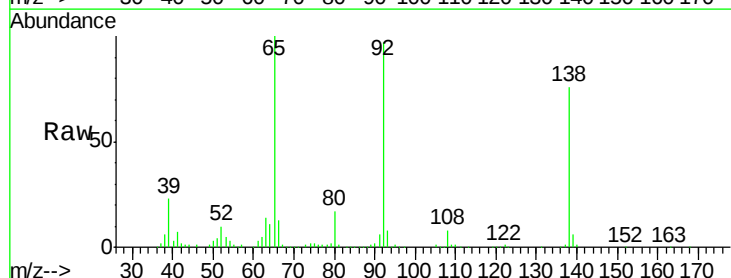
Tgt Ion:138 Resp: 222409

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

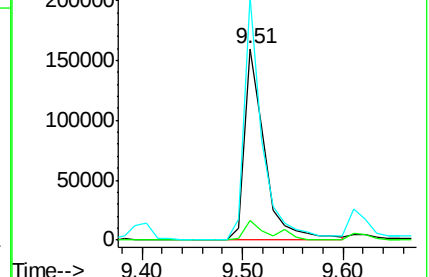
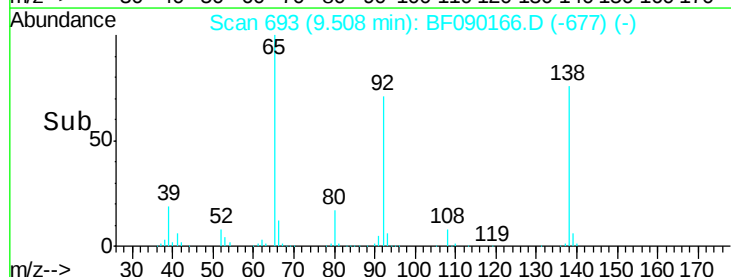
92 127.3 90.7 136.1

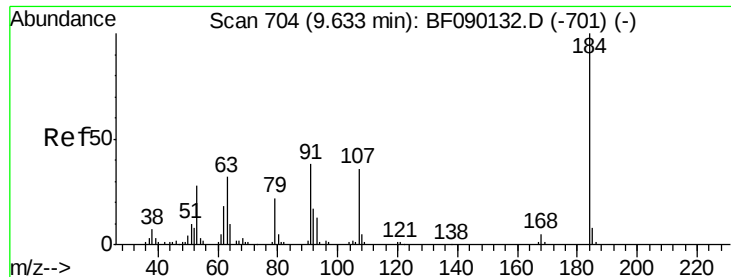


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

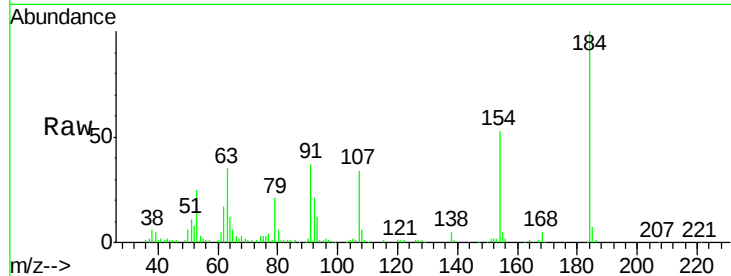




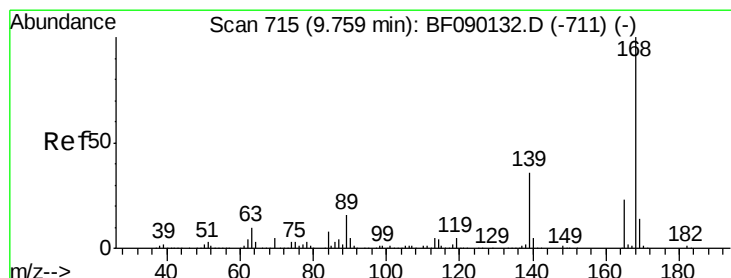
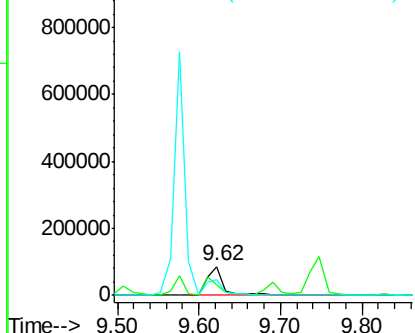
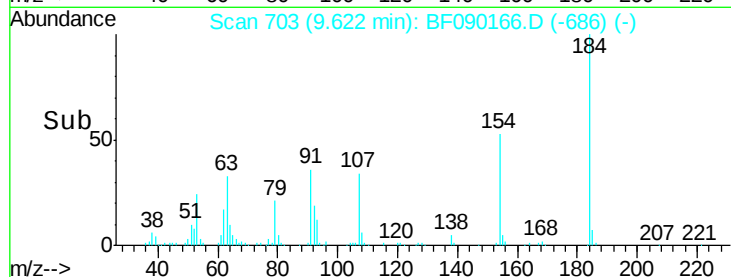
#53
2,4-Dinitrophenol
Concen: 43.26 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 123314
Ion Ratio Lower Upper
184 100
63 35.3 44.6 67.0#
154 53.2 49.7 74.5

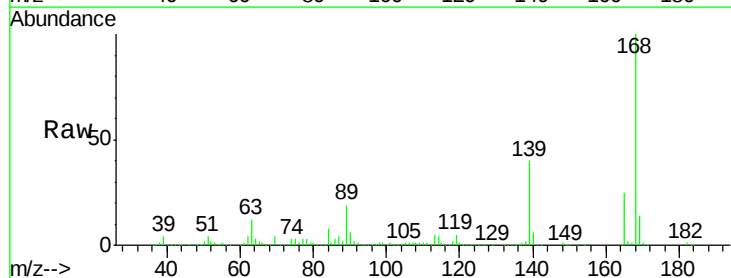


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

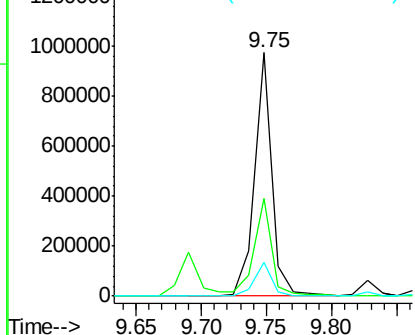
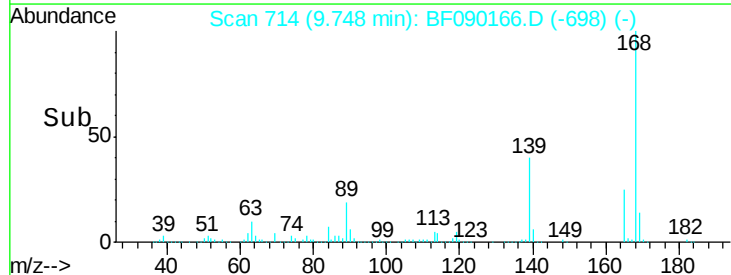


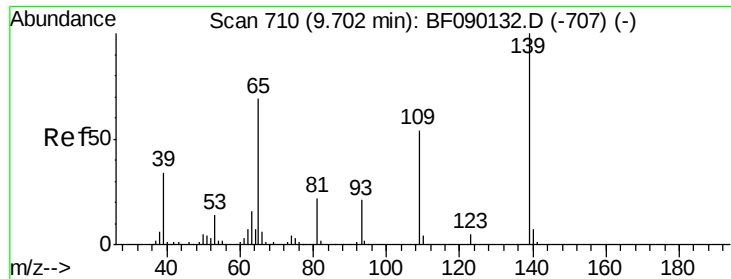
#54
Dibenzofuran
Concen: 36.29 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:168 Resp: 903686
Ion Ratio Lower Upper
168 100
139 40.2 28.8 43.2
169 13.7 10.7 16.1



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: 46.14 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

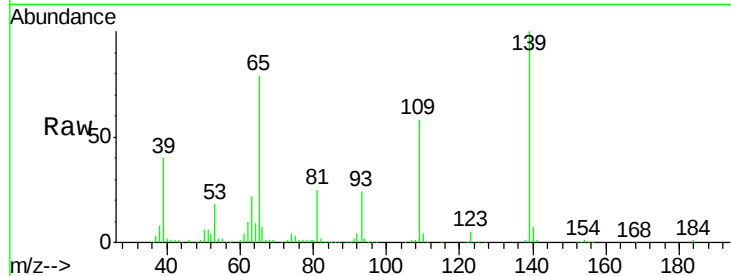
Tgt Ion:139 Resp: 195663

Ion Ratio Lower Upper

139 100

109 58.4 35.6 75.6

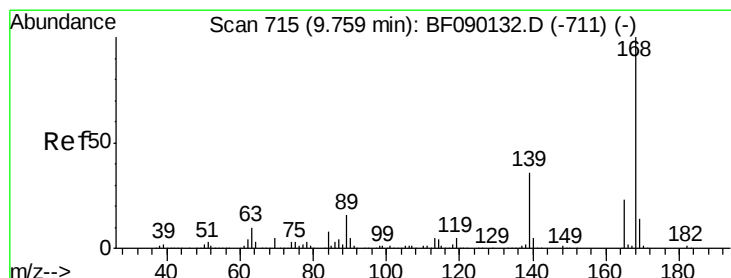
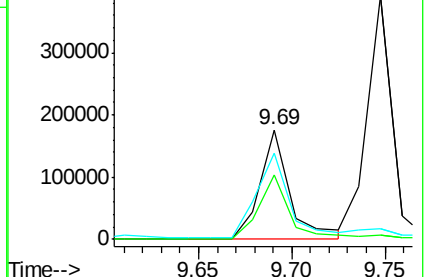
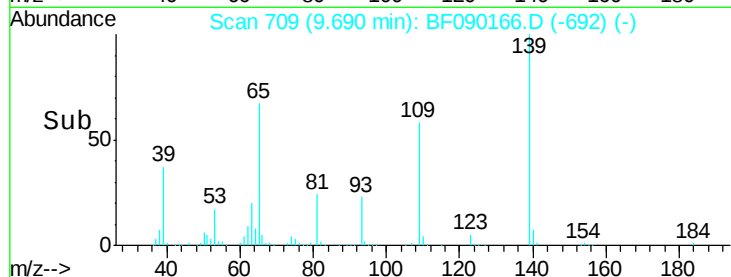
65 78.9 55.5 95.5



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: 42.93 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Tgt Ion:165 Resp: 267973

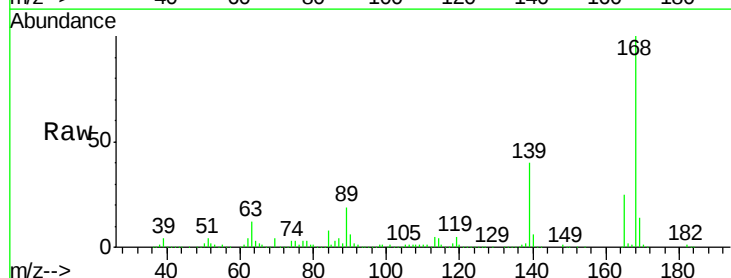
Ion Ratio Lower Upper

165 100

63 46.7 44.4 66.6

89 73.3 70.1 105.1

182 2.2 1.7 2.5

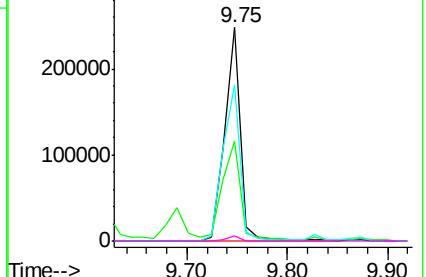
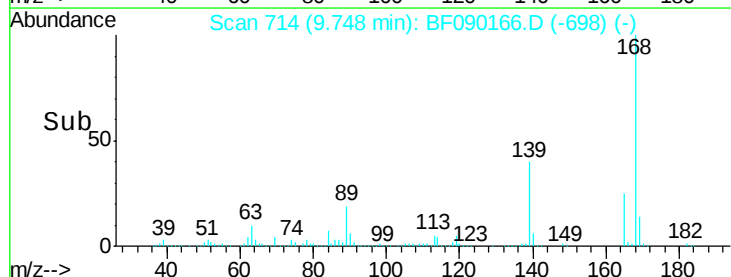


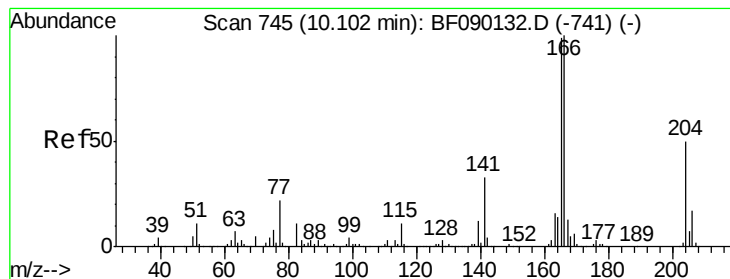
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.34 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

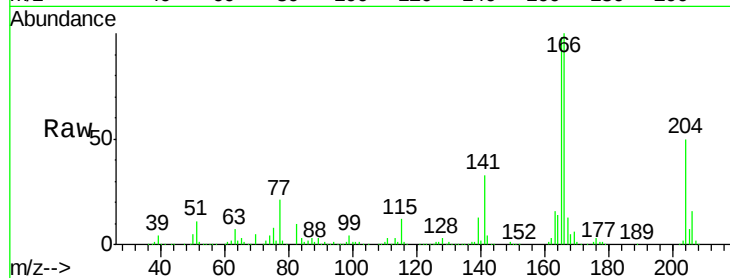
Tgt Ion:166 Resp: 775803

Ion Ratio Lower Upper

166 100

165 97.9 78.5 117.7

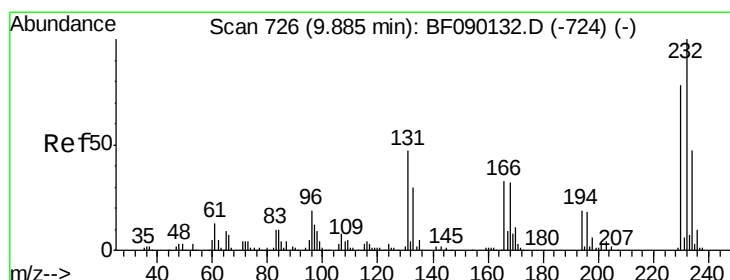
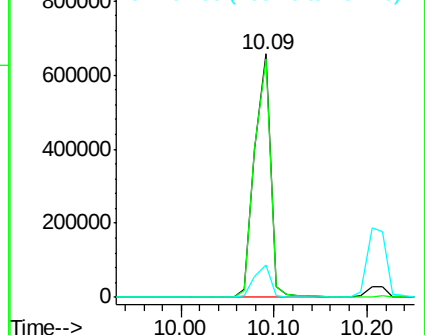
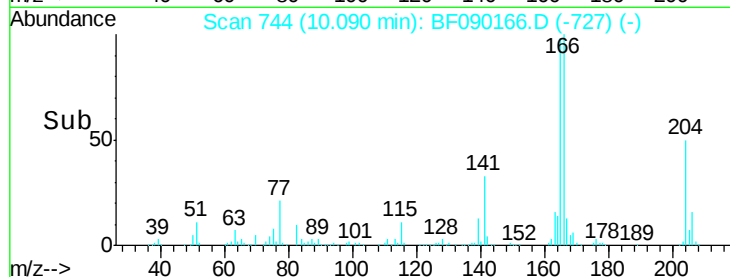
167 13.4 11.2 16.8



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: 41.34 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Tgt Ion:232 Resp: 194956

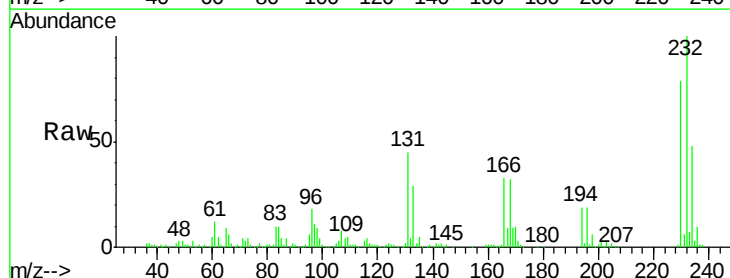
Ion Ratio Lower Upper

232 100

131 48.9 42.2 63.4

130 2.3 1.9 2.9

166 34.0 26.4 39.6

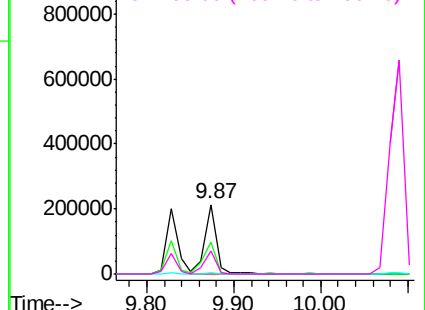
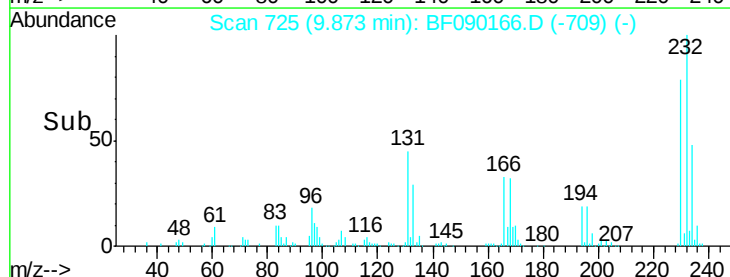


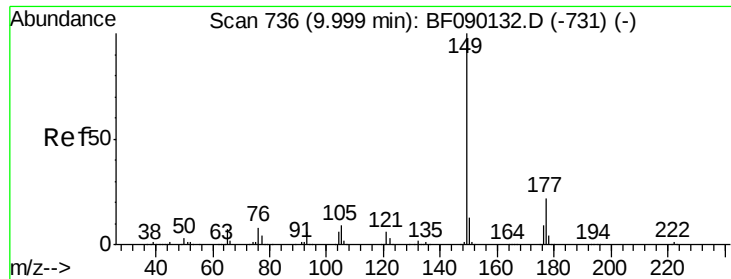
Abundance Ion 232.00 (231.70 to 232.70): E

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

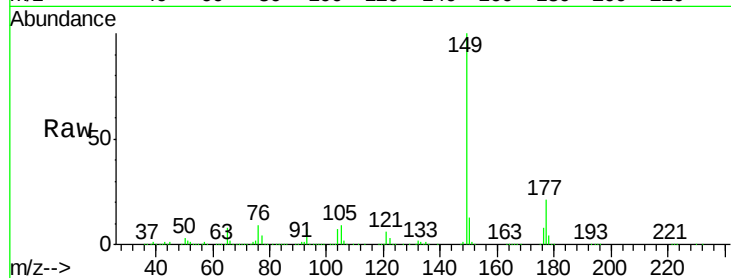




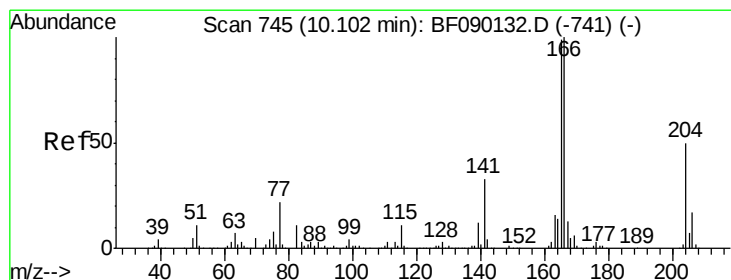
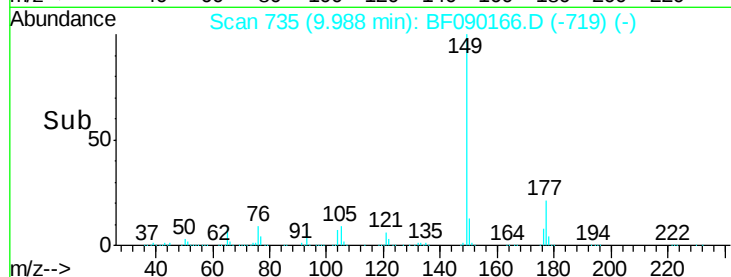
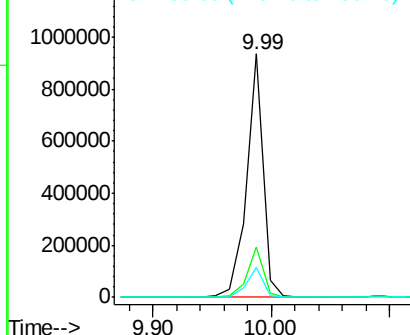
#59
Diethylphthalate
Concen: 39.70 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 908233
Ion Ratio Lower Upper
149 100
177 20.9 15.8 23.6
150 12.5 10.4 15.6

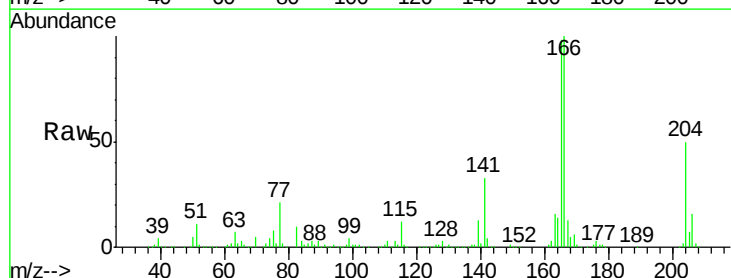


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

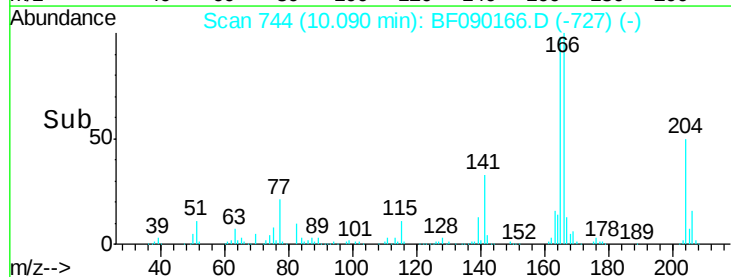
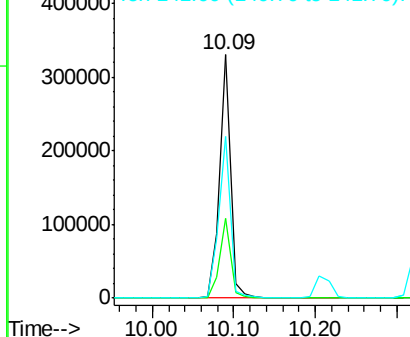


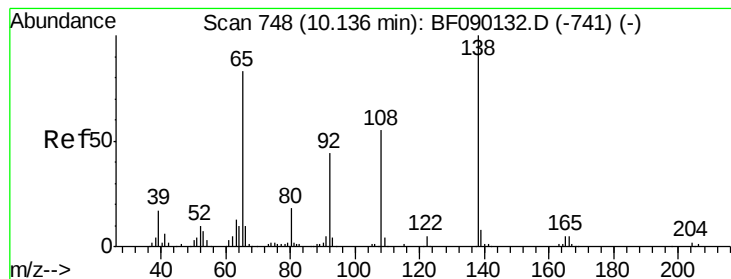
#60
4-Chlorophenyl-phenylether
Concen: 36.27 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:204 Resp: 310395
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 66.4 64.4 96.6



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

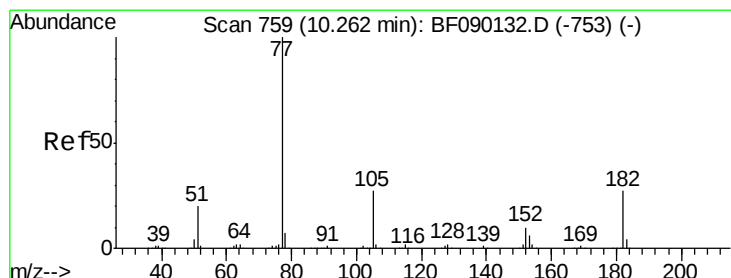
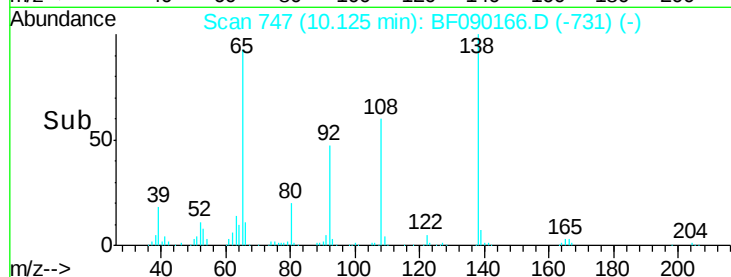
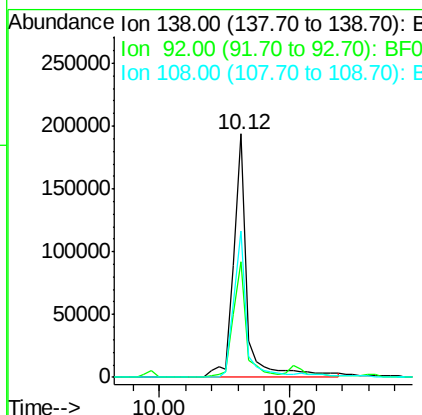
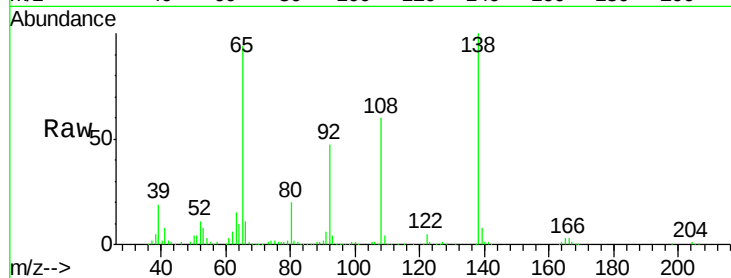




#61
 4-Nitroaniline
 Concen: 42.36 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

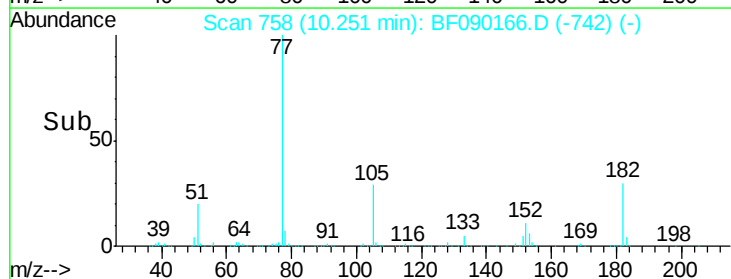
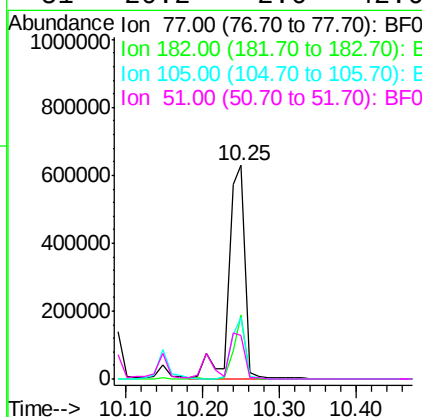
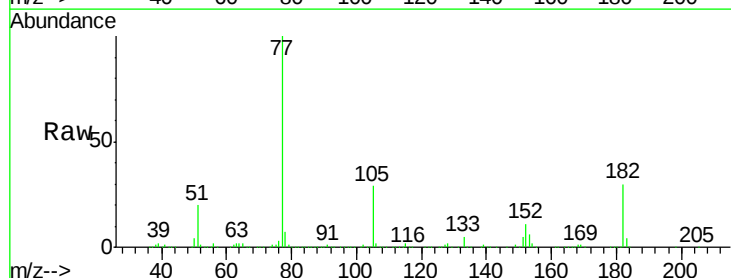
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

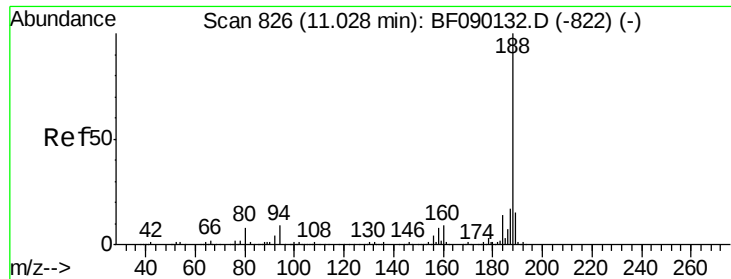
Tgt Ion:	138	Resp:	267252
Ion	Ratio	Lower	Upper
138	100		
92	47.2	23.8	63.8
108	60.2	35.0	75.0



#62
 Azobenzene
 Concen: 39.52 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:	77	Resp:	941119
Ion	Ratio	Lower	Upper
77	100		
182	30.0	0.0	38.4
105	28.7	3.8	43.8
51	20.2	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

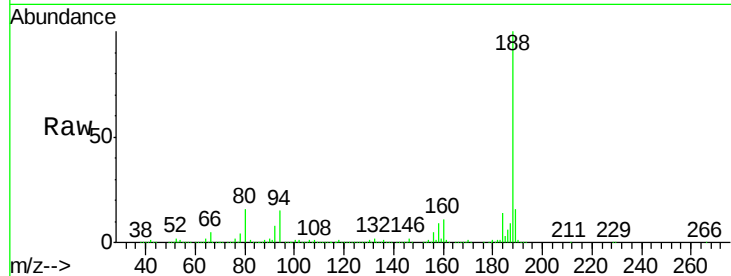
Tgt Ion:188 Resp: 590097

Ion Ratio Lower Upper

188 100

94 15.1 10.5 15.7

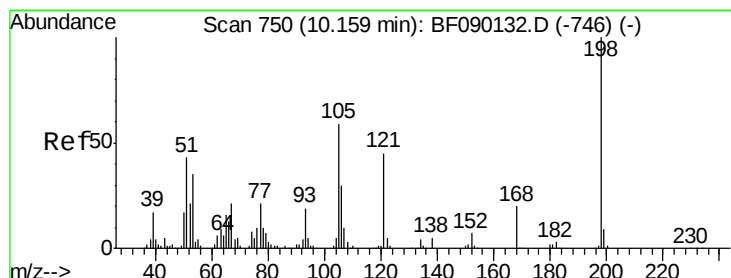
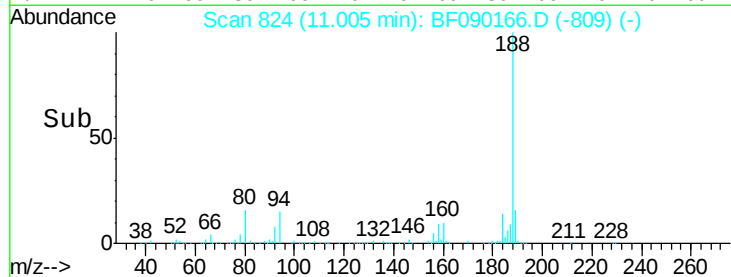
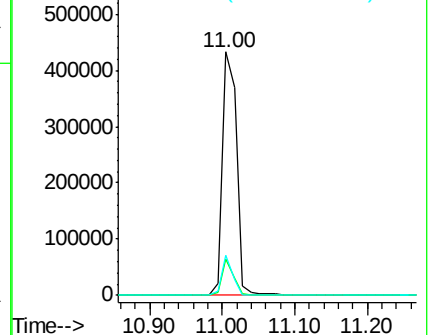
80 16.2 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.18 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

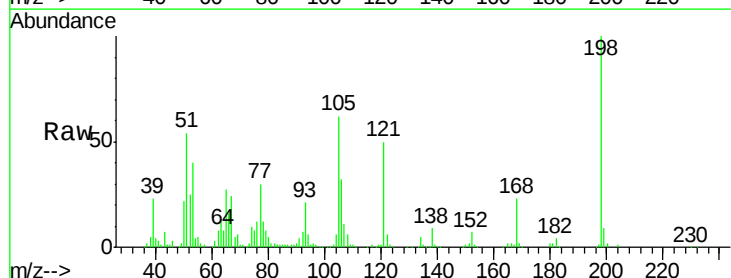
Tgt Ion:198 Resp: 148495

Ion Ratio Lower Upper

198 100

51 53.6 5.5 45.5#

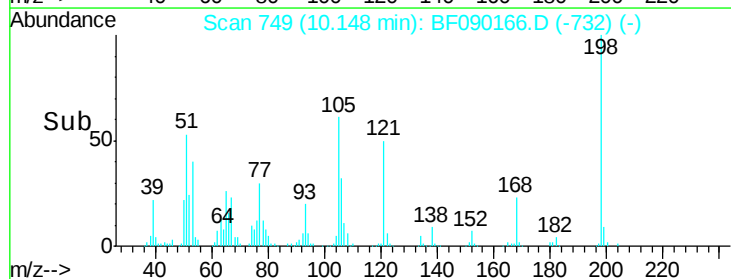
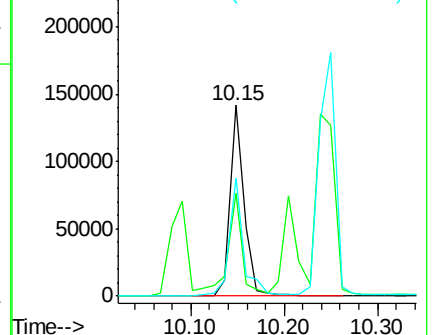
105 62.0 21.8 61.8#

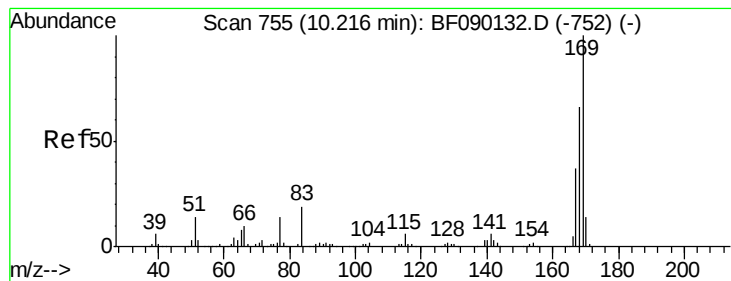


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.94 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

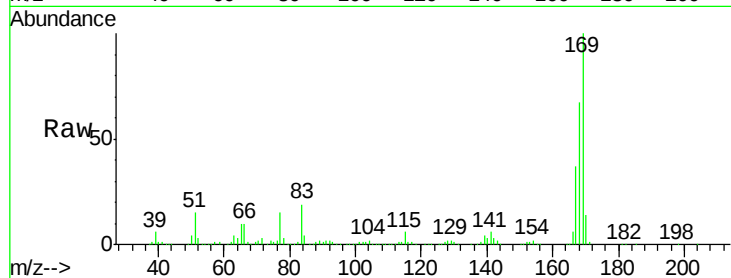
Tgt Ion:169 Resp: 736266

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

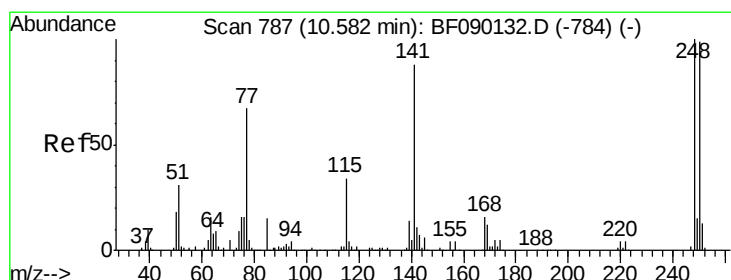
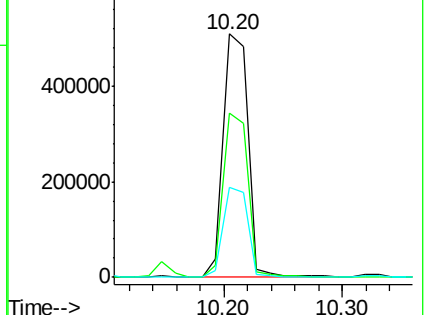
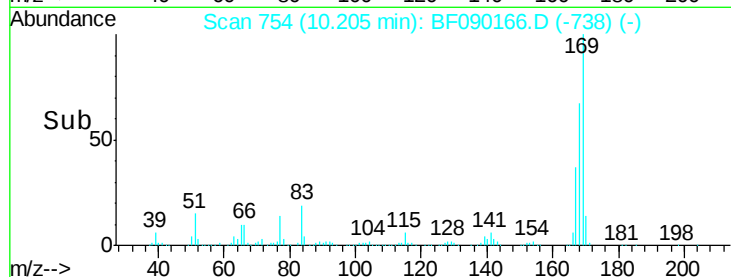
167 37.0 30.3 45.5



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: 35.78 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

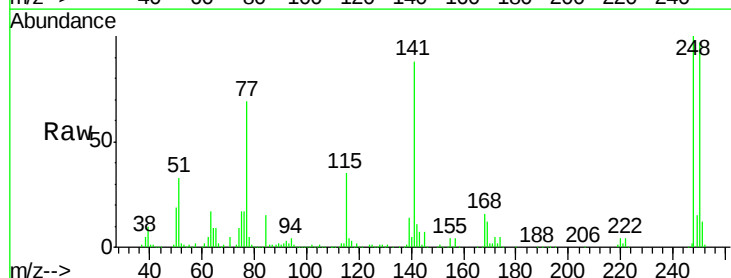
Tgt Ion:248 Resp: 207764

Ion Ratio Lower Upper

248 100

250 96.6 79.4 119.2

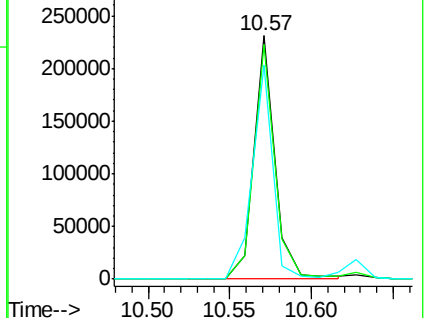
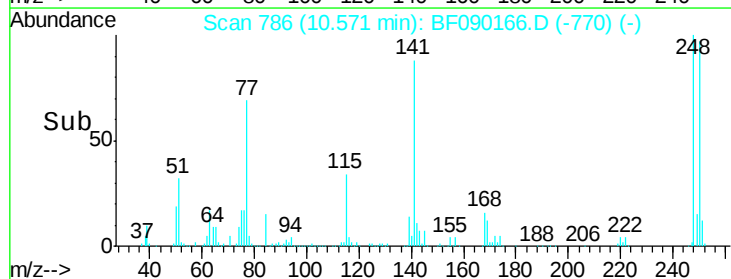
141 88.0 49.3 73.9#

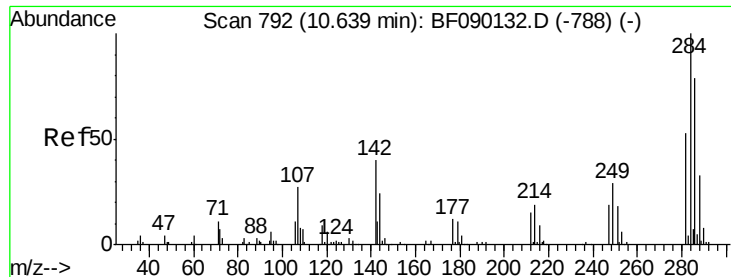


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

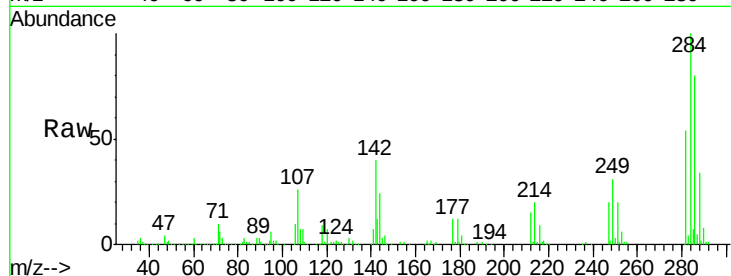




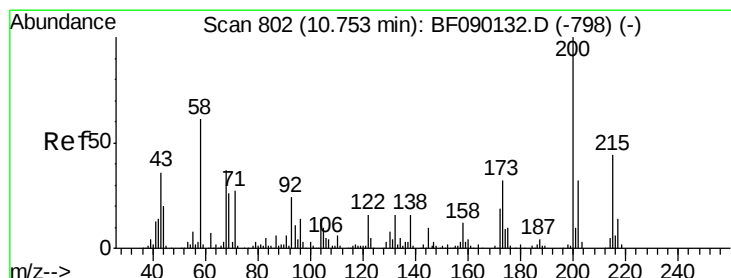
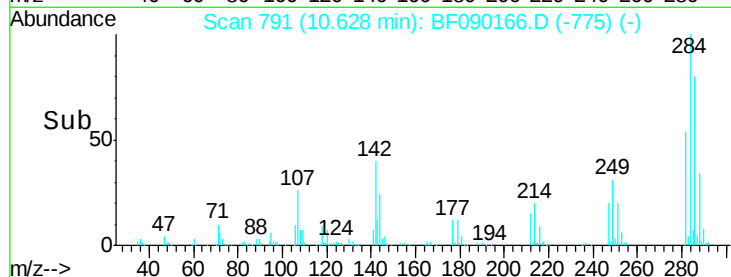
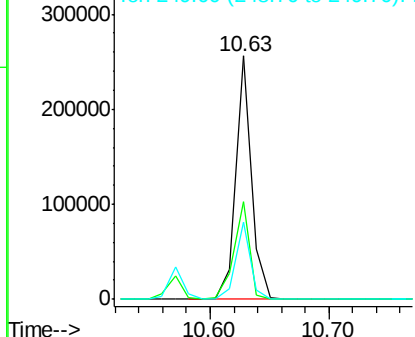
#67
Hexachlorobenzene
Concen: 34.90 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 236170
Ion Ratio Lower Upper
284 100
142 40.3 24.0 36.0#
249 31.5 23.8 35.6

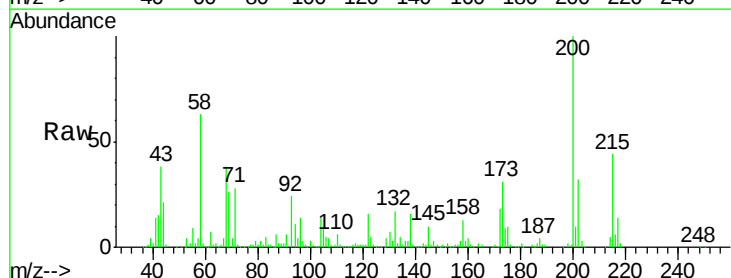


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

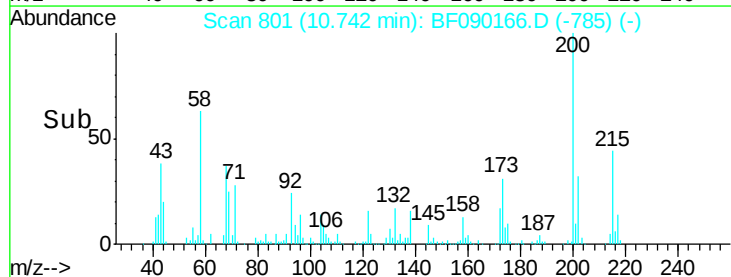
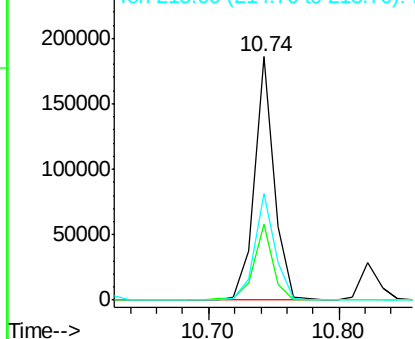


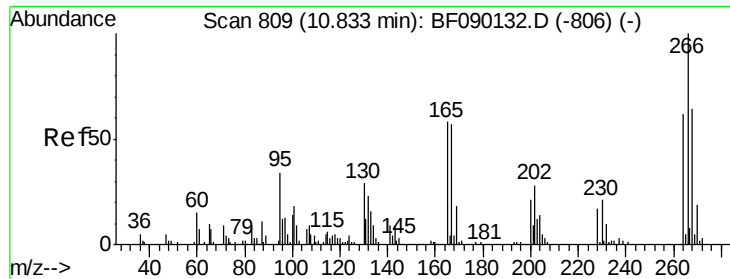
#68
Atrazine
Concen: 36.86 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090166.D
Acq: 21 Sep 2016 18:18

Tgt Ion:200 Resp: 195999
Ion Ratio Lower Upper
200 100
173 31.5 9.3 49.3
215 43.9 26.1 66.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

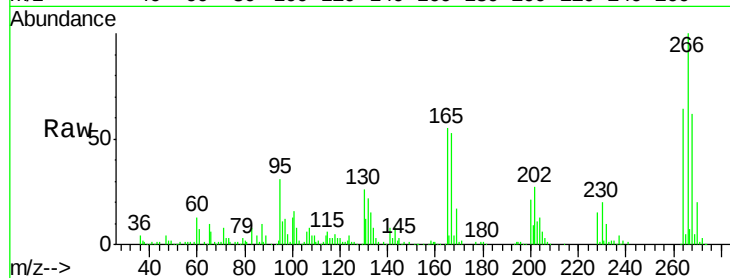




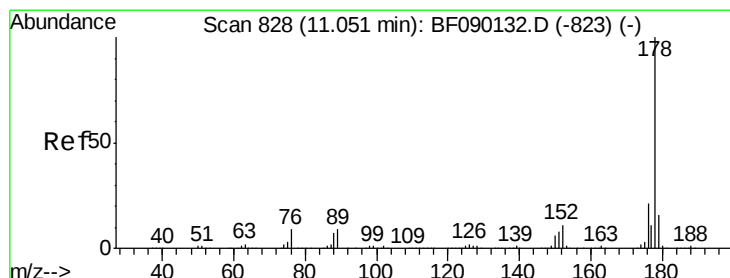
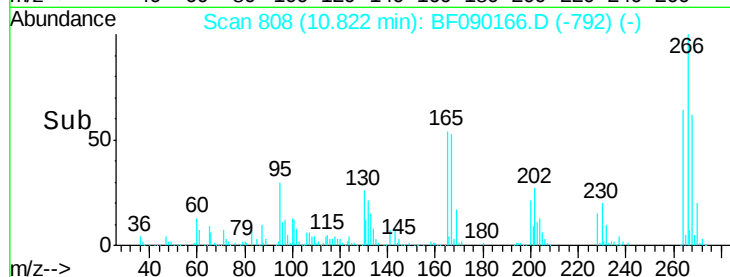
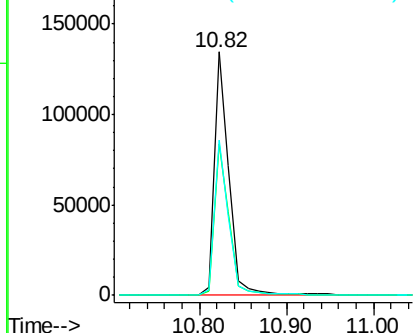
#69
 Pentachlorophenol
 Concen: 41.64 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 159953
 Ion Ratio Lower Upper
 266 100
 268 62.4 52.1 78.1
 264 63.5 50.3 75.5

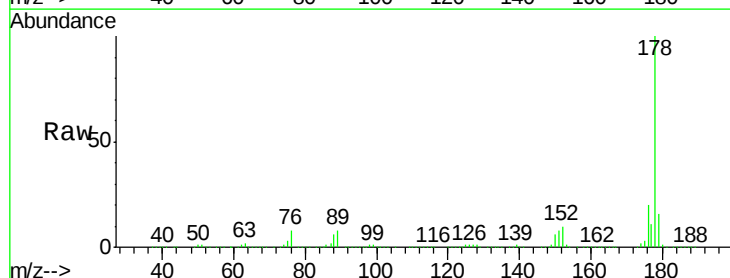


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

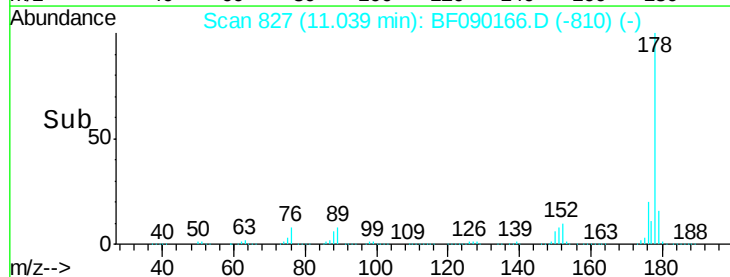
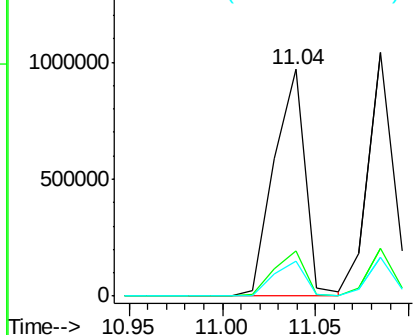


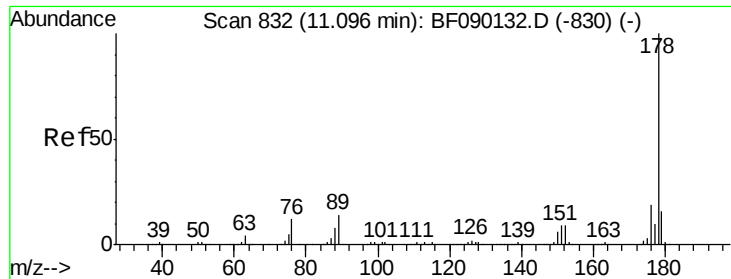
#70
 Phenanthrene
 Concen: 40.54 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:178 Resp: 1118907
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.6 12.9 19.3



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

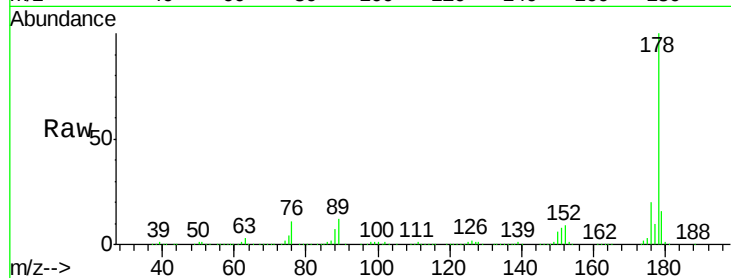




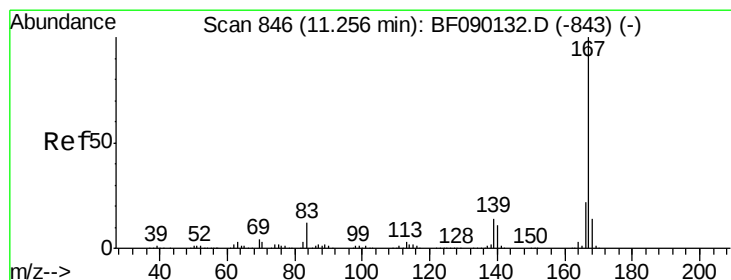
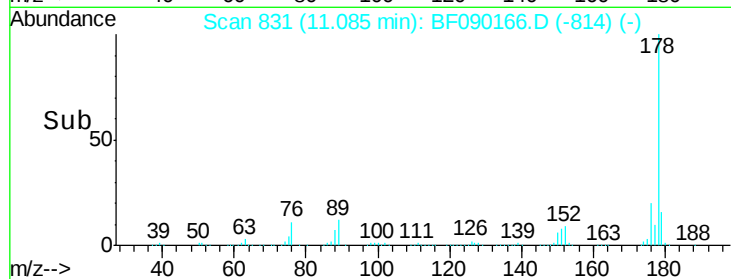
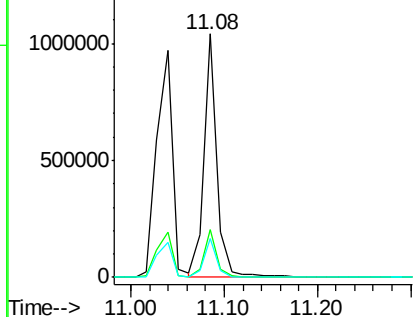
#71
 Anthracene
 Concen: 35.02 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1013687
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.8 12.6 19.0

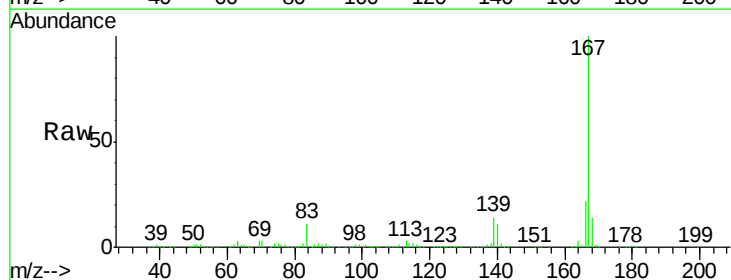


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

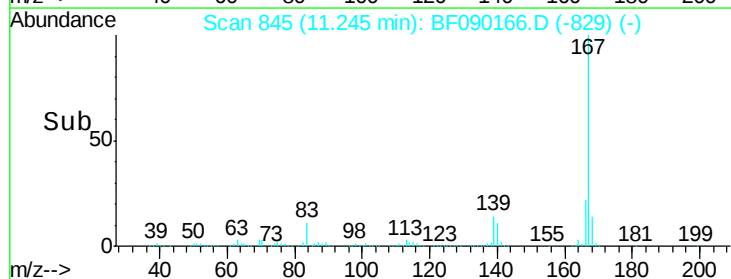
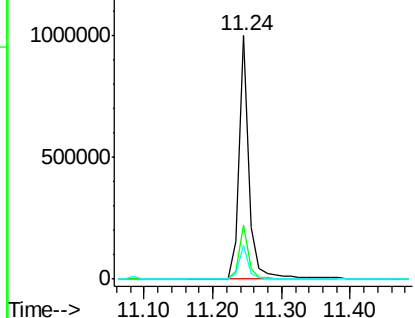


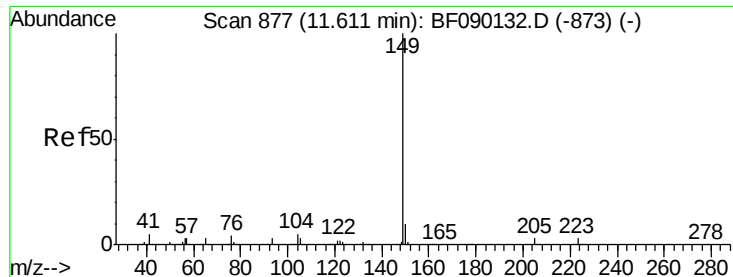
#72
 Carbazole
 Concen: 33.91 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:167 Resp: 1037597
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 13.9 10.4 15.6



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: 38.80 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

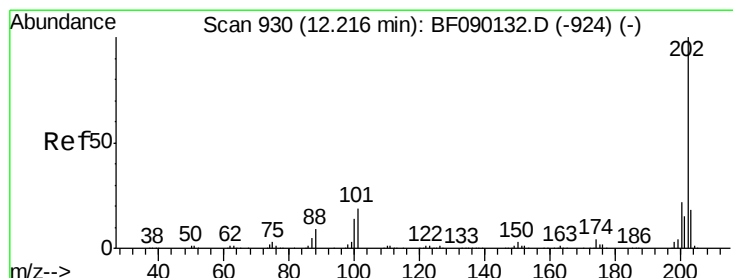
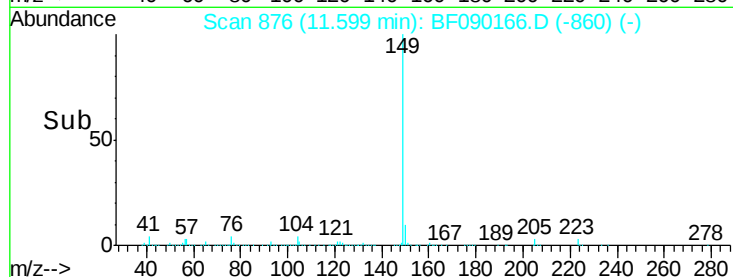
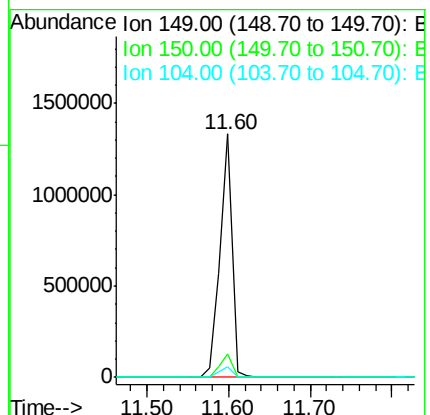
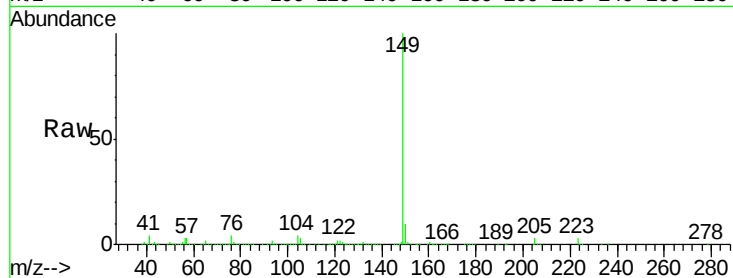
Tgt Ion:149 Resp: 1380572

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 4.2 3.9 5.9



#74

Fluoranthene

Concen: 32.70 ng

RT: 12.20 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

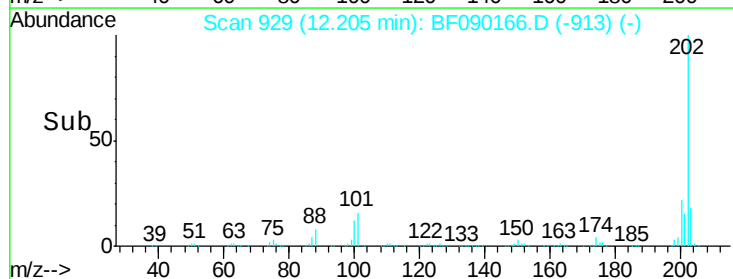
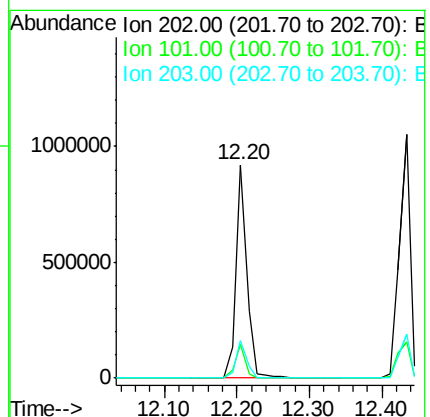
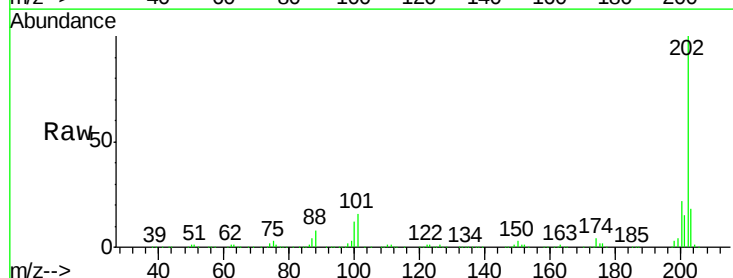
Tgt Ion:202 Resp: 968815

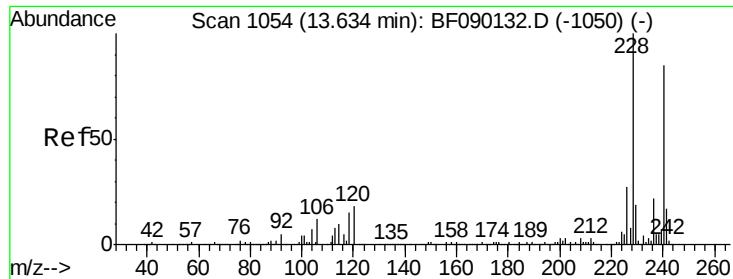
Ion Ratio Lower Upper

202 100

101 16.1 0.0 36.1

203 17.8 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

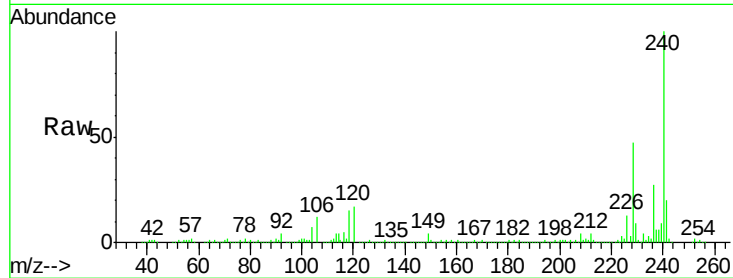
Tgt Ion:240 Resp: 459682

Ion Ratio Lower Upper

240 100

120 17.0 10.6 16.0#

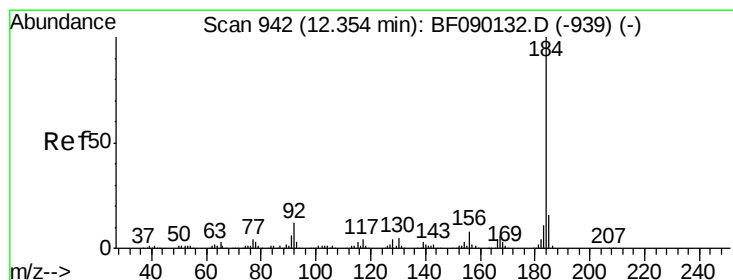
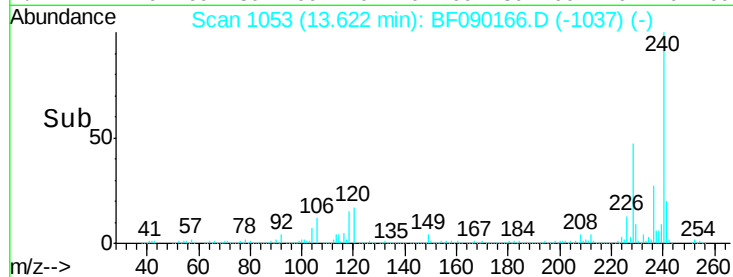
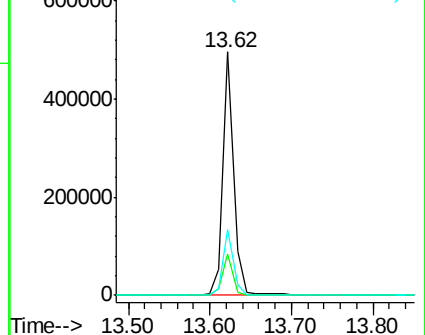
236 27.1 21.6 32.4



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: 23.05 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

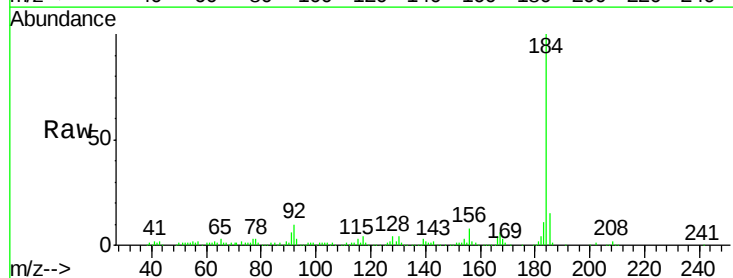
Tgt Ion:184 Resp: 354578

Ion Ratio Lower Upper

184 100

185 15.5 13.2 19.8

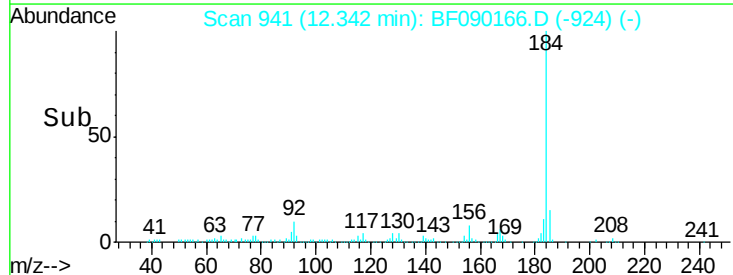
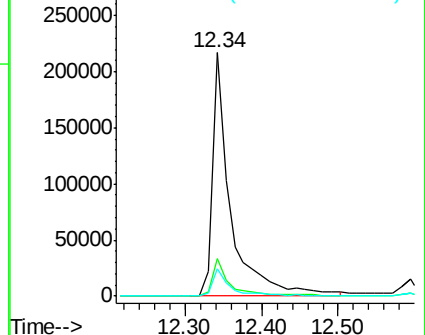
183 11.3 9.2 13.8

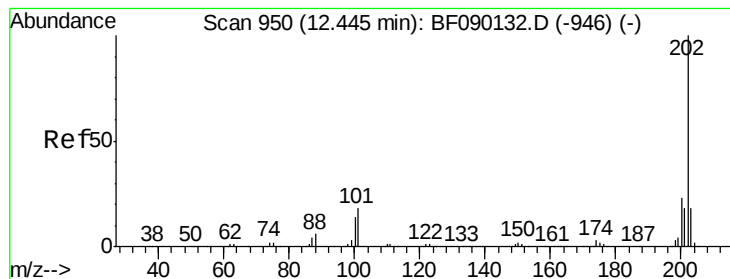


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.30 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

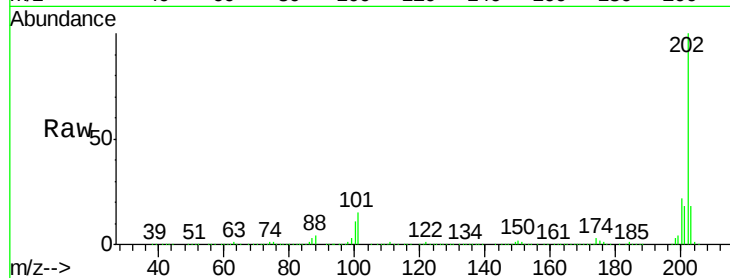
Tgt Ion:202 Resp: 1110510

Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

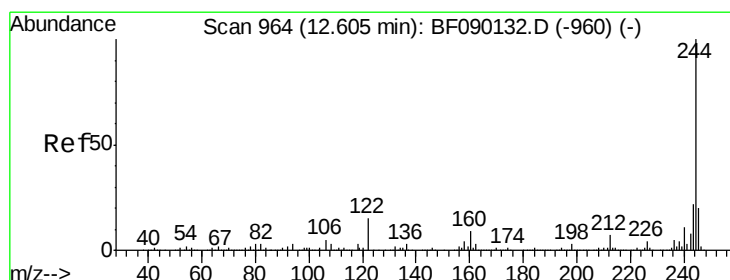
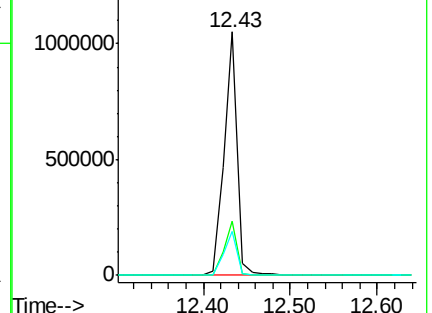
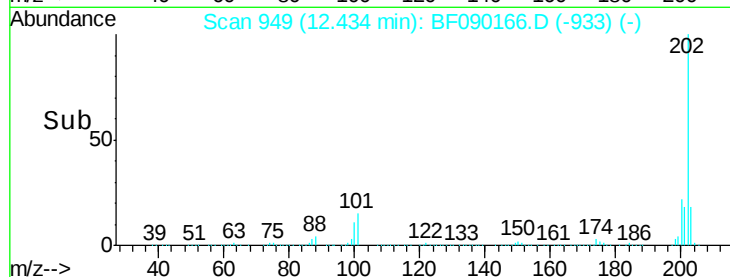
203 18.0 14.2 21.4



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: 67.47 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

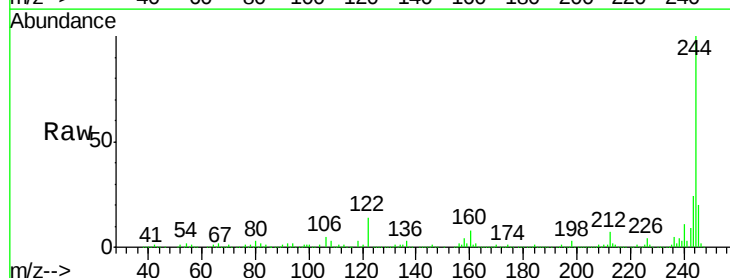
Tgt Ion:244 Resp: 1221605

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

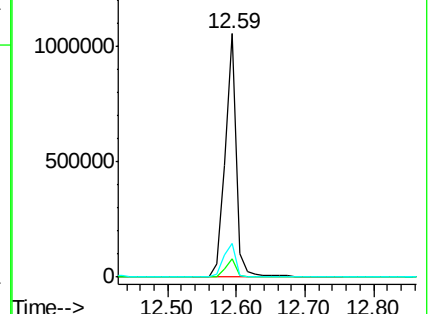
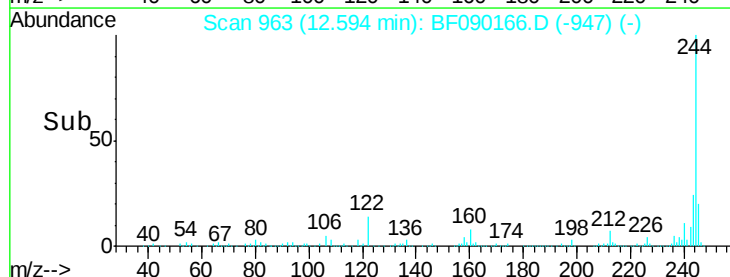
122 13.9 9.4 14.0

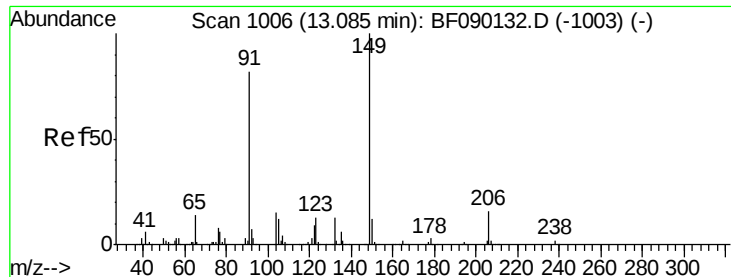


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.75 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

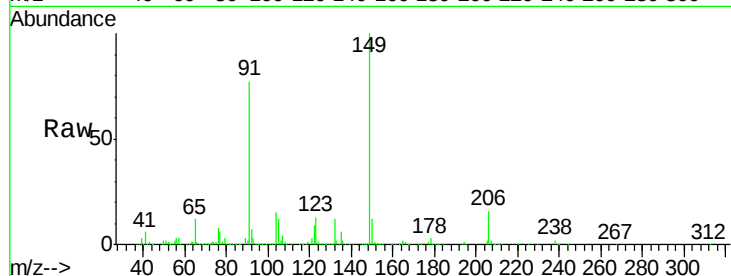
Tgt Ion:149 Resp: 596156

Ion Ratio Lower Upper

149 100

91 77.1 49.8 74.6#

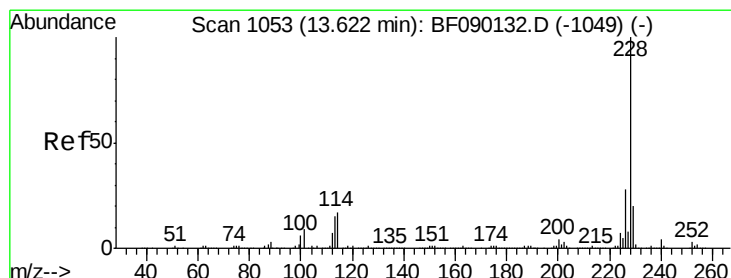
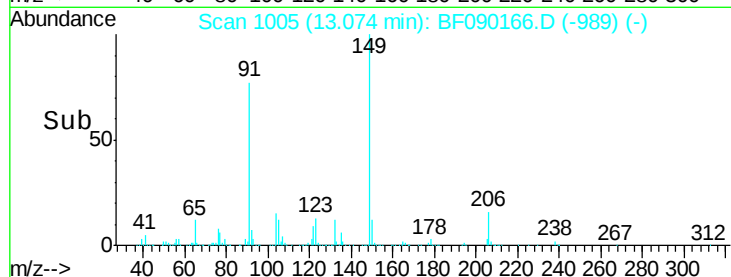
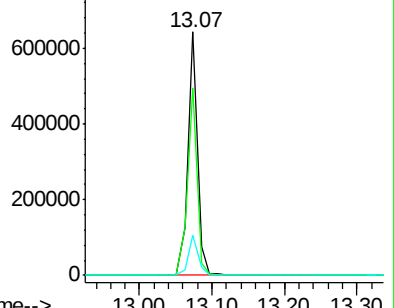
206 16.4 16.3 24.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.29 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

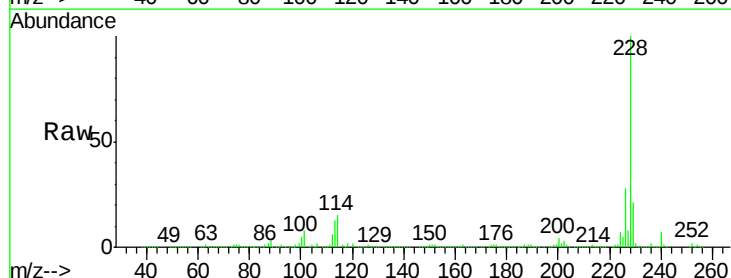
Tgt Ion:228 Resp: 946834

Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

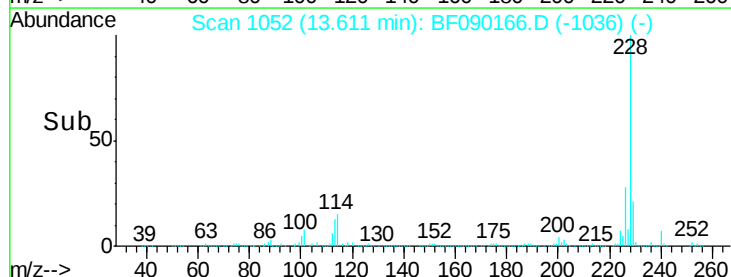
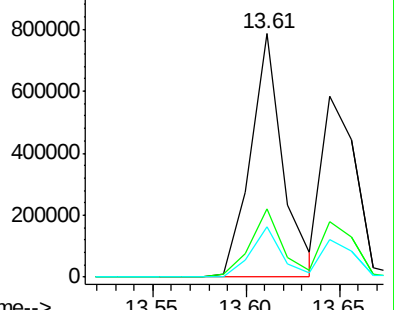
229 20.6 16.2 24.2

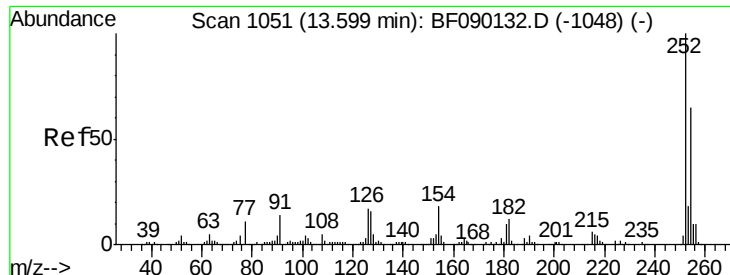


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

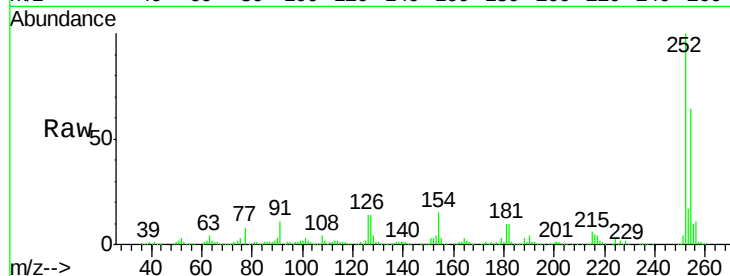




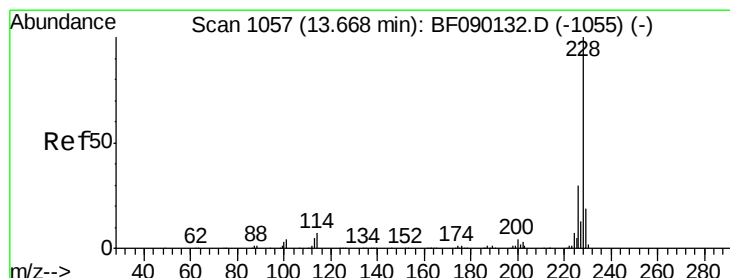
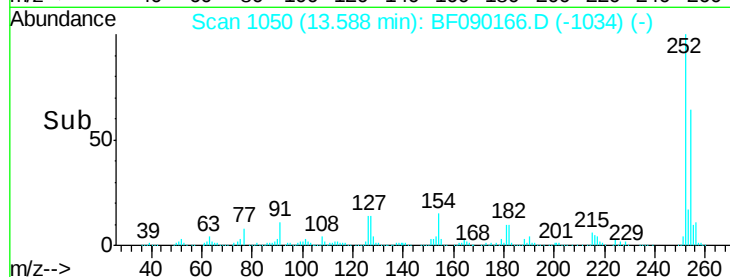
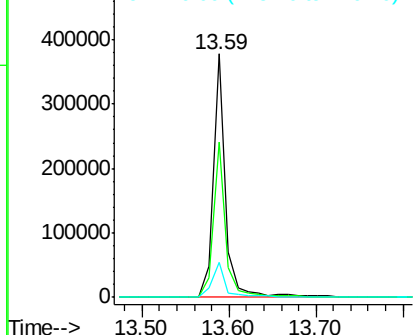
#81
 3,3'-Dichlorobenzidine
 Concen: 36.87 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 376087
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 14.3 9.2 13.8#

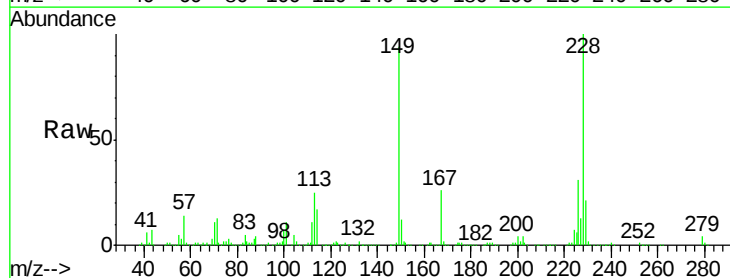


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

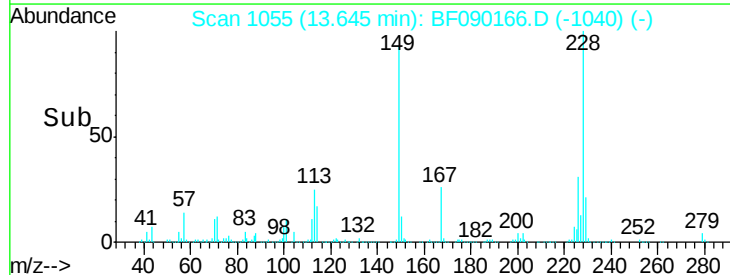
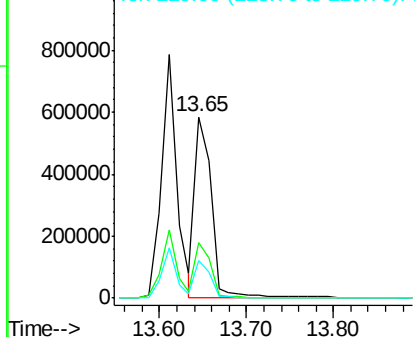


#82
 Chrysene
 Concen: 31.66 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:228 Resp: 762813
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 37.0
 229 20.6 16.2 24.4



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

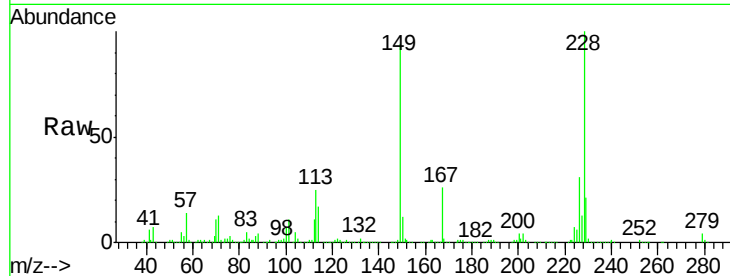




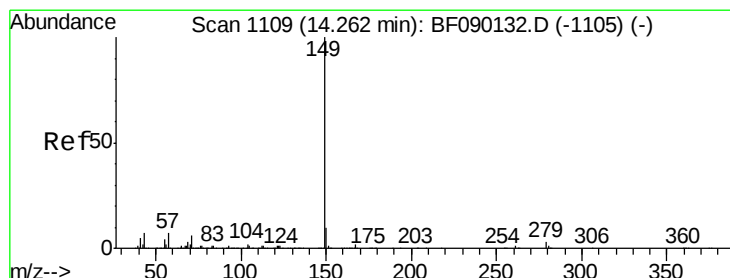
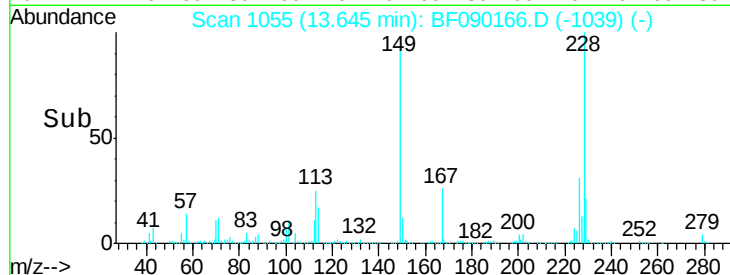
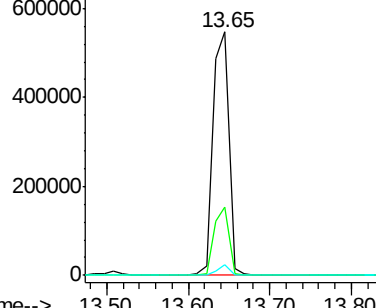
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.49 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 738280
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.2 31.8
 279 4.2 2.2 3.2#

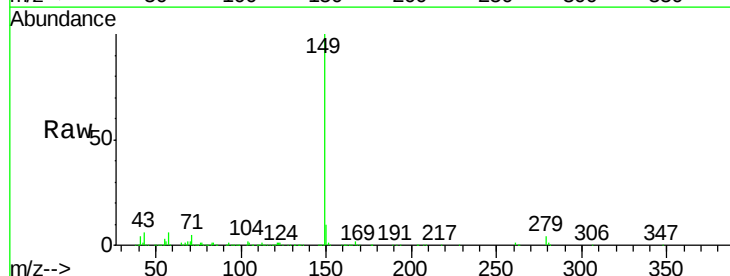


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

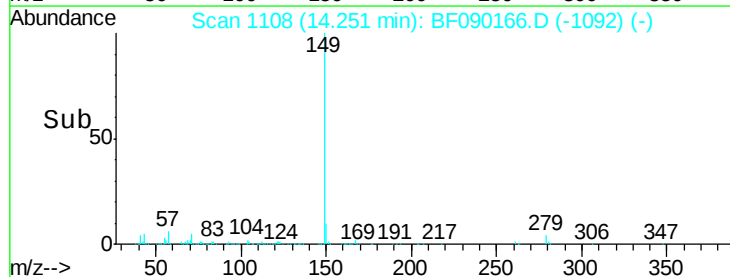
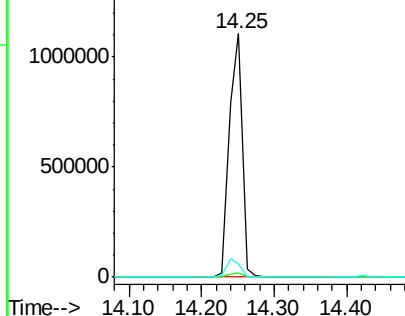


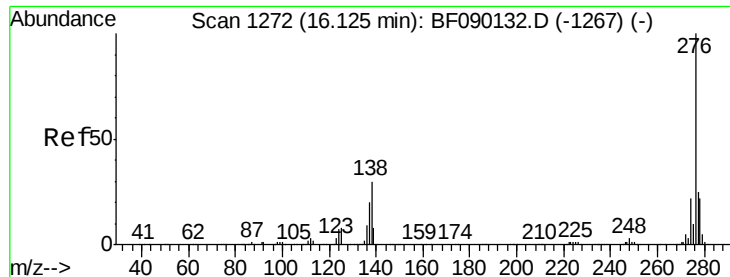
#84
 Di-n-octyl phthalate
 Concen: 39.93 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion:149 Resp: 1354382
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 6.8 10.2



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

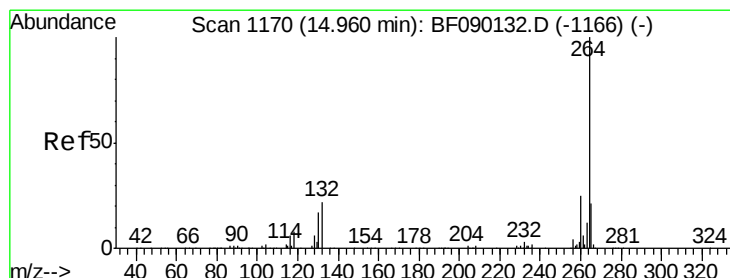
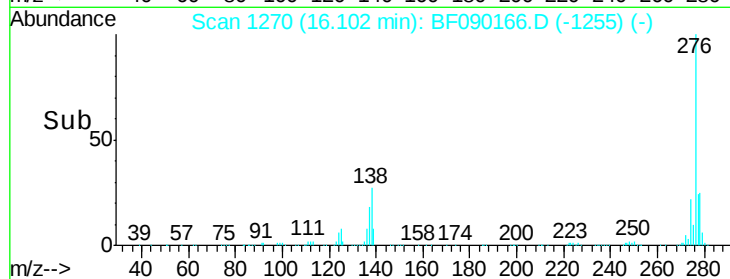
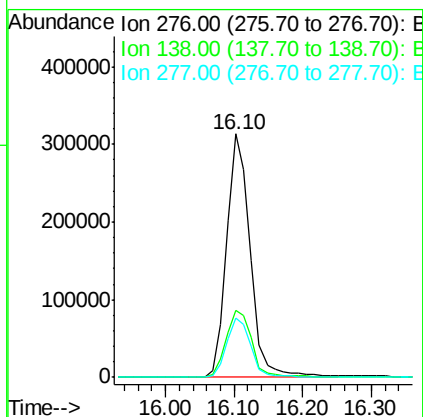
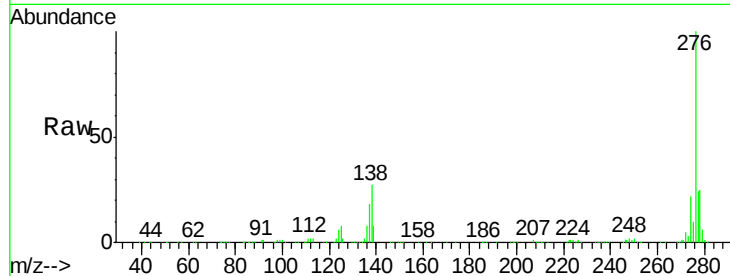




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.16 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

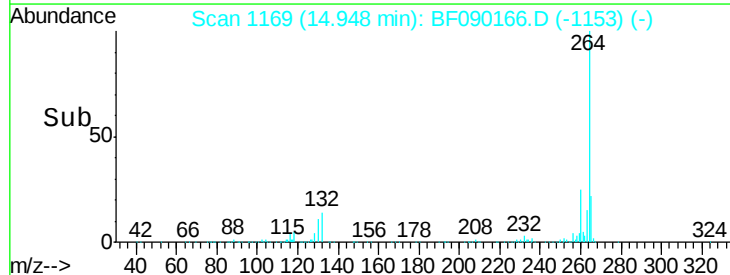
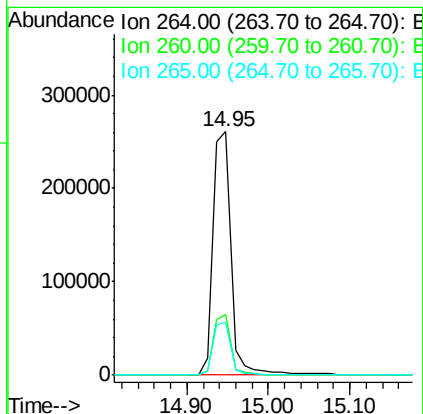
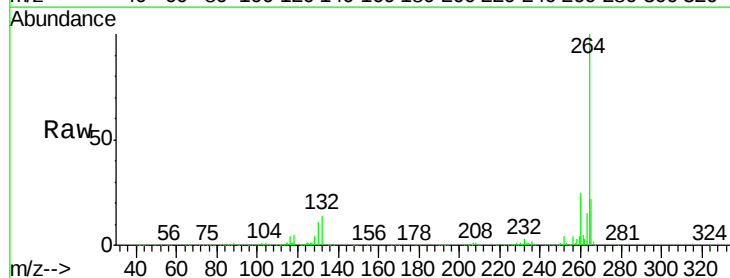
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

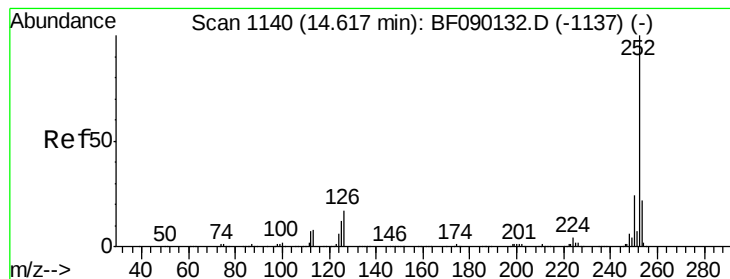
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.9	38.9
277	25.1	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF090166.D
 Acq: 21 Sep 2016 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 77.40 ng

RT: 14.63 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

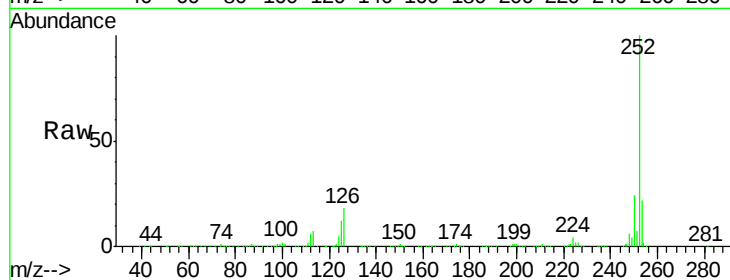
Tgt Ion:252 Resp: 1737358

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

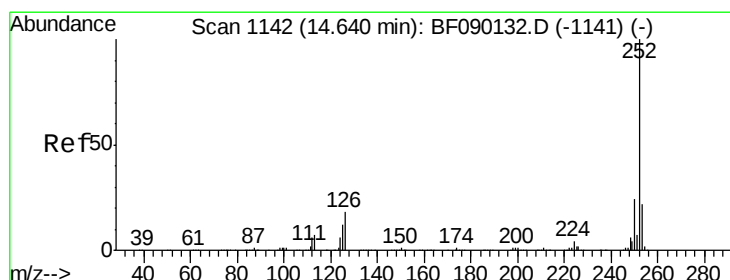
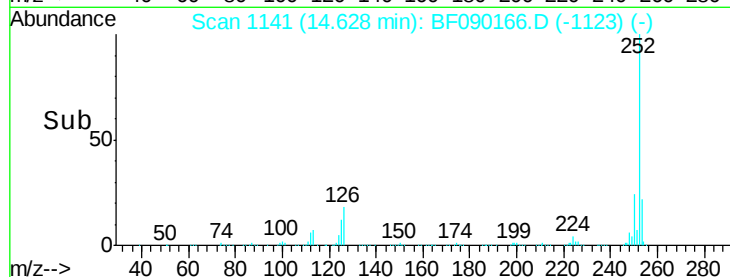
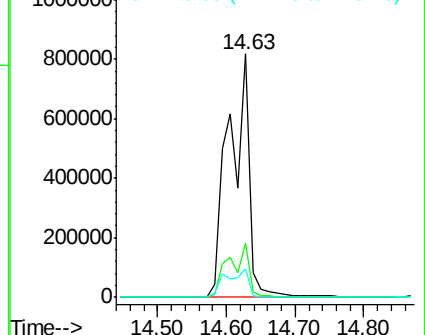
125 11.7 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 82.56 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

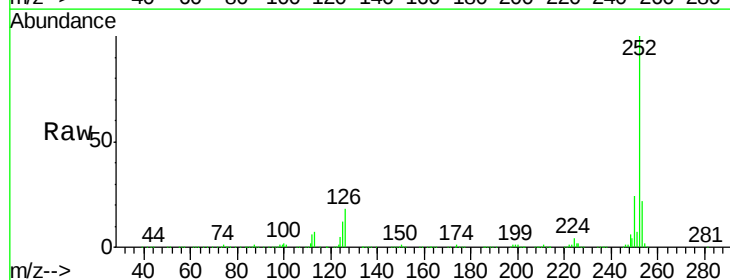
Tgt Ion:252 Resp: 1739390

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

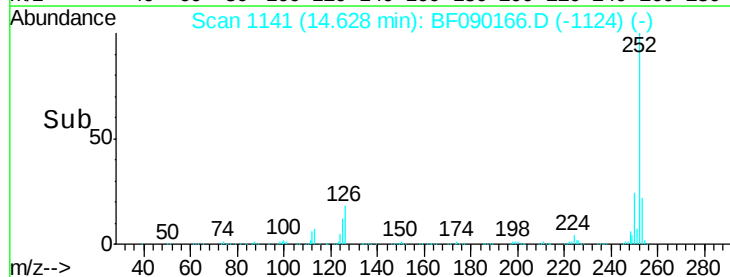
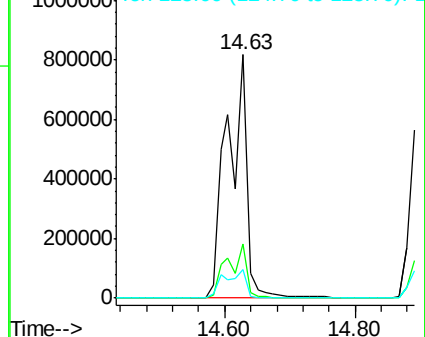
125 11.7 7.8 11.6#

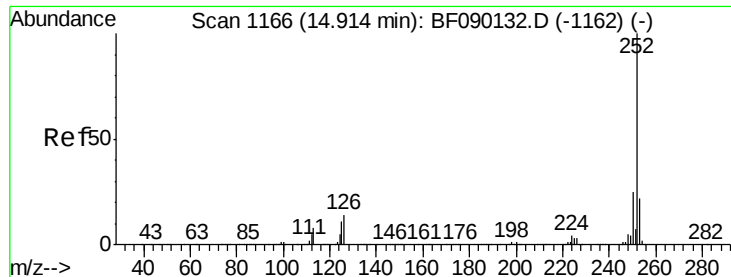


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.13 ng

RT: 14.89 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

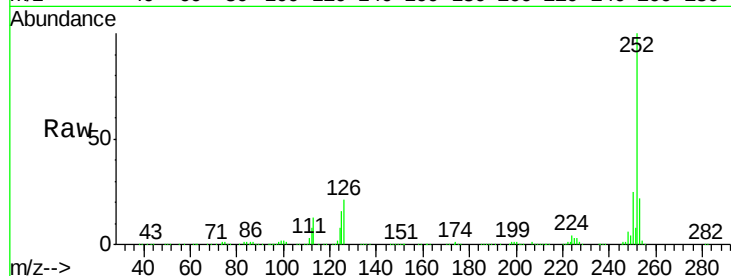
Tgt Ion:252 Resp: 762955

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

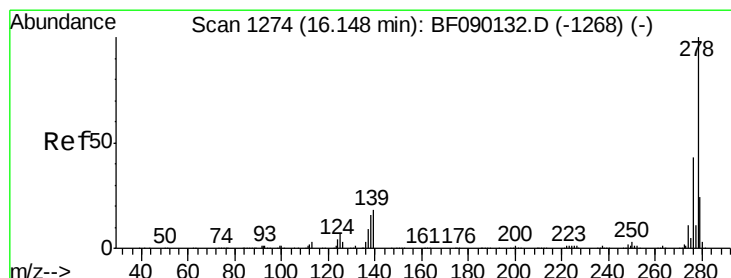
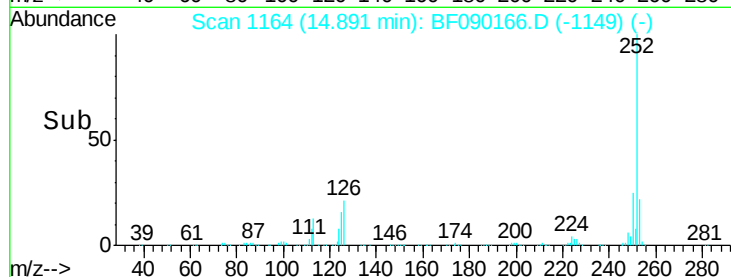
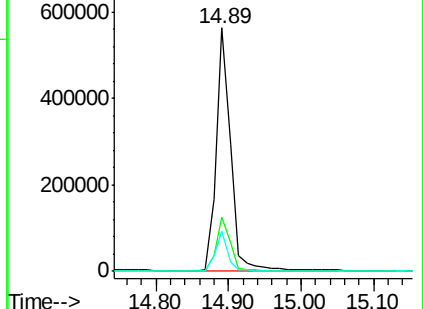
125 16.3 7.7 11.5#



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: 38.34 ng

RT: 16.13 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF090166.D

Acq: 21 Sep 2016 18:18

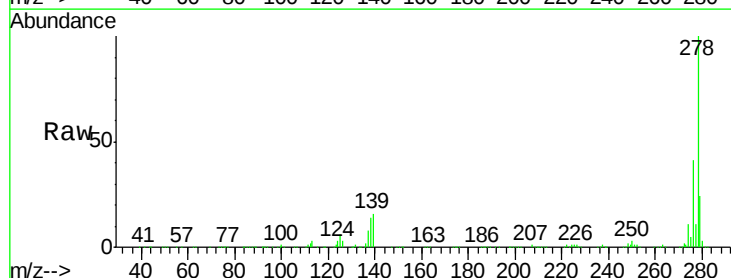
Tgt Ion:278 Resp: 631711

Ion Ratio Lower Upper

278 100

139 16.3 14.6 21.8

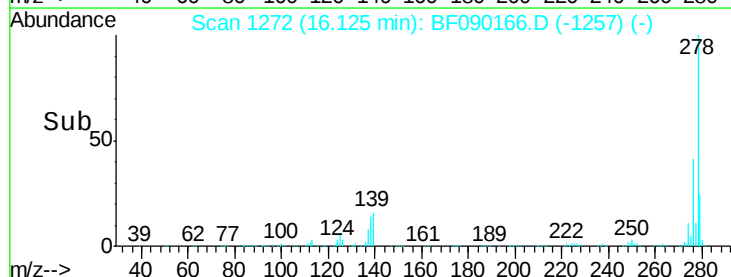
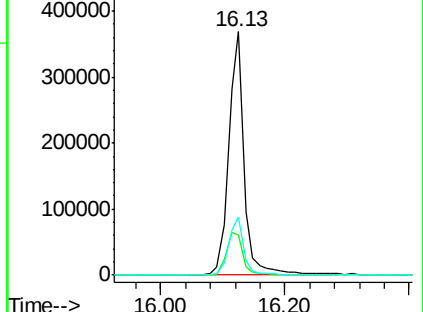
279 23.7 18.8 28.2

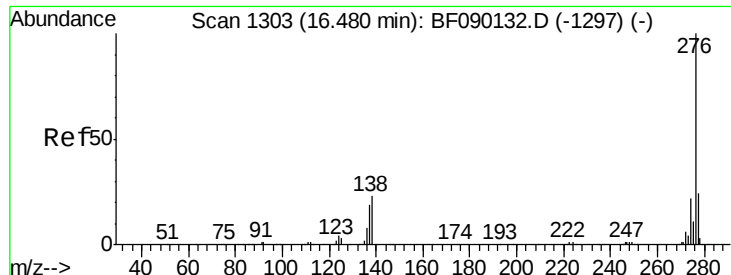


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.84 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BF090166.D

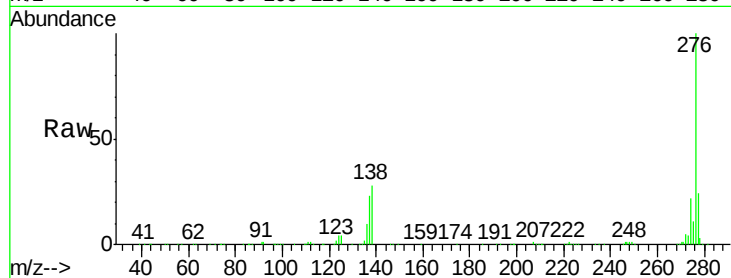
Acq: 21 Sep 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



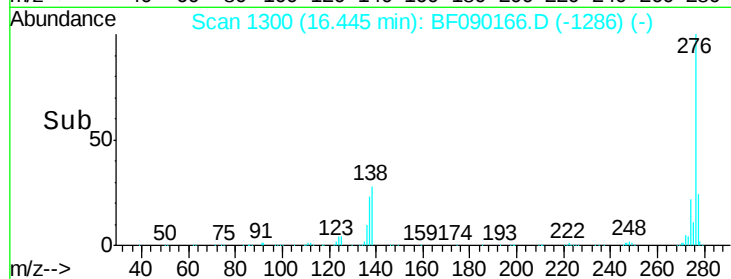
Tgt Ion: 276 Resp: 626356

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 27.8 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

