

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090154.D
 Acq On : 21 Sep 2016 11:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 22 08:59:47 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	6.50	152	166476	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	632754	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	322529	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	491019	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	405688	20.00	ng	-0.01
86) Perylene-d12	14.94	264	338402	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	821803	80.46	ng	-0.01
7) Phenol-d6	6.16	99	993053	78.73	ng	-0.01
23) Nitrobenzene-d5	7.08	82	907426	83.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	211992	76.61	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1266326	77.08	ng	-0.01
78) Terphenyl-d14	12.59	244	1214741	76.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.90	88	196586	35.48	ng	99
3) Pyridine	2.49	79	464647	38.66	ng	99
4) n-Nitrosodimethylamine	2.44	42	155504	43.36	ng	92
6) Aniline	6.17	93	629962	40.07	ng	93
8) 2-Chlorophenol	6.28	128	450182	38.31	ng	97
9) Benzaldehyde	6.04	77	225605	41.04	ng	97
10) Phenol	6.17	94	522135	35.02	ng	91
11) bis(2-Chloroethyl)ether	6.25	93	424433	36.50	ng	100
12) 1,3-Dichlorobenzene	6.44	146	476615	38.82	ng	99
13) 1,4-Dichlorobenzene	6.52	146	482133	38.46	ng	99
14) 1,2-Dichlorobenzene	6.67	146	389044	34.84	ng	# 89
15) Benzyl Alcohol	6.66	79	270940	36.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	550529	39.62	ng	95
17) 2-Methylphenol	6.79	107	352782	38.11	ng	99
18) Hexachloroethane	7.02	117	163243	36.51	ng	99
19) n-Nitroso-di-n-propylamine	6.95	70	302242	40.79	ng	97
20) 3+4-Methylphenols	6.95	107	432334	38.90	ng	97
22) Acetophenone	6.94	105	622025	40.77	ng	98
24) Nitrobenzene	7.10	77	416085	36.58	ng	99
25) Isophorone	7.35	82	890607	39.05	ng	100
26) 2-Nitrophenol	7.42	139	227044	40.54	ng	98
27) 2,4-Dimethylphenol	7.47	122	380140	38.20	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	521318	37.79	ng	99
29) 2,4-Dichlorophenol	7.67	162	364279	41.74	ng	97
30) 1,2,4-Trichlorobenzene	7.75	180	348674	40.00	ng	# 94
31) Naphthalene	7.82	128	1157319	38.41	ng	100
32) Benzoic acid	7.62	122	282296	41.33	ng	95
33) 4-Chloroaniline	7.87	127	444113	35.54	ng	99
34) Hexachlorobutadiene	7.94	225	160347	34.87	ng	98
35) Caprolactam	8.26	113	104563	36.20	ng	93
36) 4-Chloro-3-methylphenol	8.38	107	380208	38.55	ng	89
37) 2-Methylnaphthalene	8.51	142	673437	35.94	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	260736	35.22	ng	99
40) Hexachlorocyclopentadiene	8.66	237	128675	35.22	ng	98

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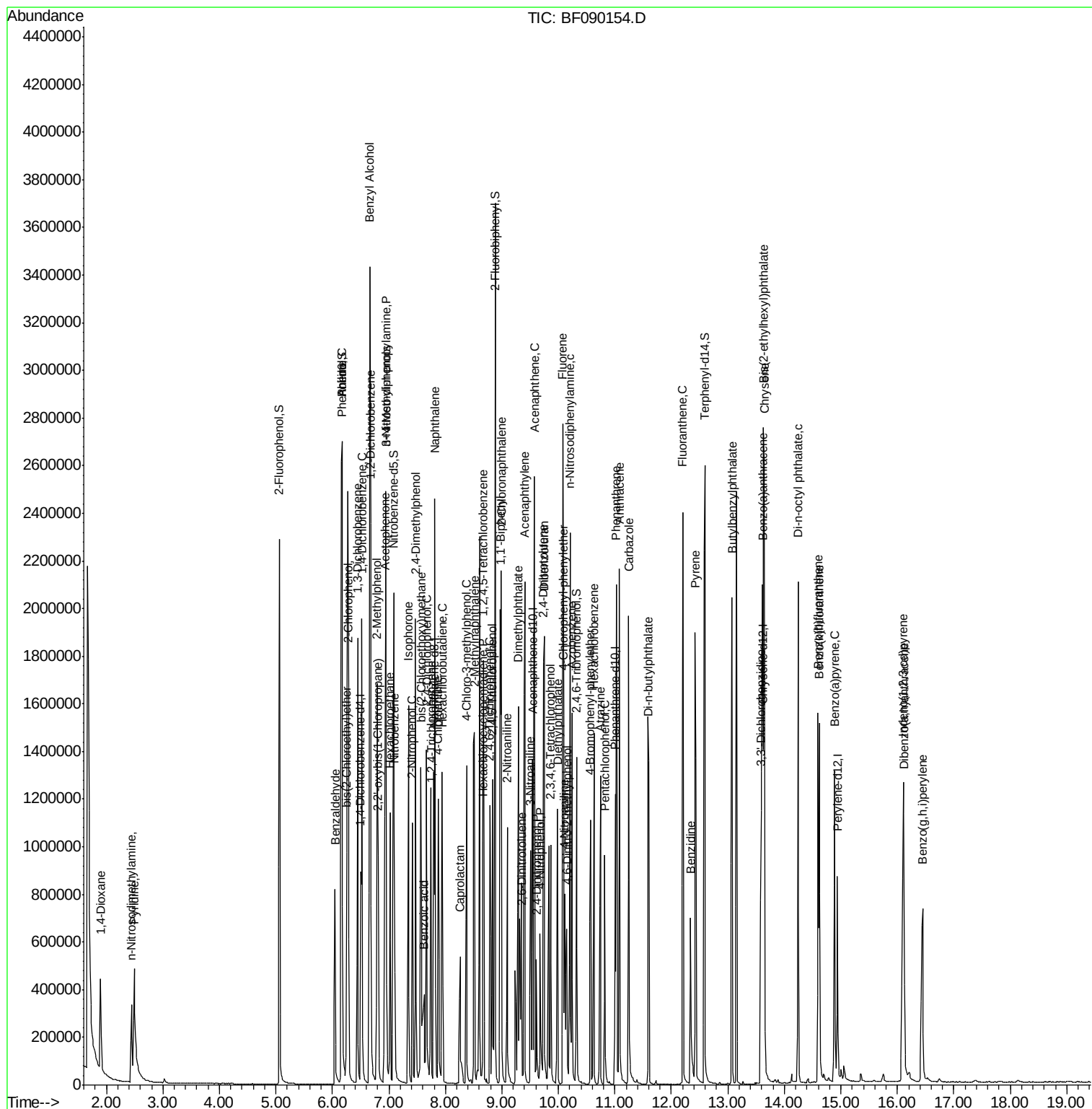
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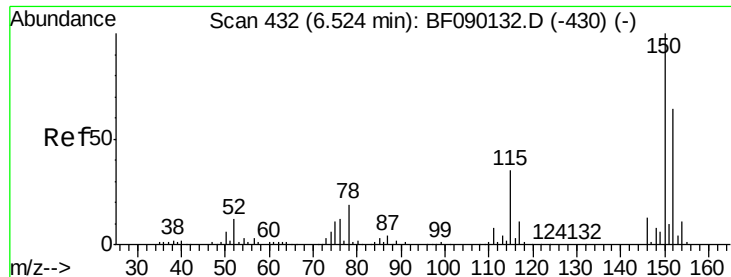
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	198350	37.60	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	220082	40.29	nq	97
45) 1,1'-Biphenyl	8.97	154	808827	35.05	nq	99
46) 2-Chloronaphthalene	8.99	162	650974	38.24	nq	98
47) 2-Nitroaniline	9.10	65	205551	40.05	nq	94
48) Acenaphthylene	9.40	152	1119601	40.50	nq	99
49) Dimethylphthalate	9.29	163	806658	39.27	nq	100
50) 2,6-Dinitrotoluene	9.35	165	172363	37.65	nq	# 52
51) Acenaphthene	9.58	154	638067	38.88	nq	98
52) 3-Nitroaniline	9.51	138	216000	40.24	nq	98
53) 2,4-Dinitrophenol	9.61	184	81962	33.89	nq	95
54) Dibenzofuran	9.75	168	870757	40.32	nq	99
55) 4-Nitrophenol	9.68	139	135950	36.97	nq	89
56) 2,4-Dinitrotoluene	9.74	165	190212	35.13	nq	99
57) Fluorene	10.08	166	624351	38.36	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	148469	36.30	nq	98
59) Diethylphthalate	9.99	149	739062	37.25	nq	95
60) 4-Chlorophenyl-phenylether	10.09	204	272996	36.79	nq	# 75
61) 4-Nitroaniline	10.11	138	198240	36.23	nq	90
62) Azobenzene	10.24	77	709945	34.38	nq	99
64) 4,6-Dinitro-2-methylphenol	10.15	198	126746	41.21	nq	95
65) n-Nitrosodiphenylamine	10.20	169	604962	37.47	nq	100
66) 4-Bromophenyl-phenylether	10.57	248	196810	40.73	nq	98
67) Hexachlorobenzene	10.63	284	229150	40.69	nq	96
68) Atrazine	10.74	200	188686	42.65	nq	99
69) Pentachlorophenol	10.82	266	131637	41.18	nq	99
70) Phenanthrene	11.03	178	875008	38.10	nq	100
71) Anthracene	11.08	178	1019250	42.32	nq	99
72) Carbazole	11.24	167	1043192	40.97	nq	99
73) Di-n-butylphthalate	11.60	149	1271011	42.93	nq	# 97
74) Fluoranthene	12.20	202	1036221	42.04	nq	98
76) Benzidine	12.34	184	462980	34.10	nq	98
77) Pyrene	12.42	202	1051522	37.88	nq	99
79) Butylbenzylphthalate	13.07	149	562256	41.41	nq	94
80) Benzo(a)anthracene	13.61	228	803053	36.79	nq	100
81) 3,3'-Dichlorobenzidine	13.59	252	344029	38.22	nq	# 97
82) Chrysene	13.65	228	736259	34.63	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	647054	37.24	nq	99
84) Di-n-octyl phthalate	14.24	149	1130273	37.76	nq	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	736539	42.85	nq	99
87) Benzo(b)fluoranthene	14.59	252	667020m	35.60	nq	
88) Benzo(k)fluoranthene	14.62	252	683627m	38.87	nq	
89) Benzo(a)pyrene	14.89	252	661601	37.53	nq	# 98
90) Dibenzo(a,h)anthracene	16.11	278	604911	43.98	nq	97
91) Benzo(g,h,i)perylene	16.45	276	576224	42.80	nq	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

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Acq: 21 Sep 2016 11:42

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SSTDCCC040

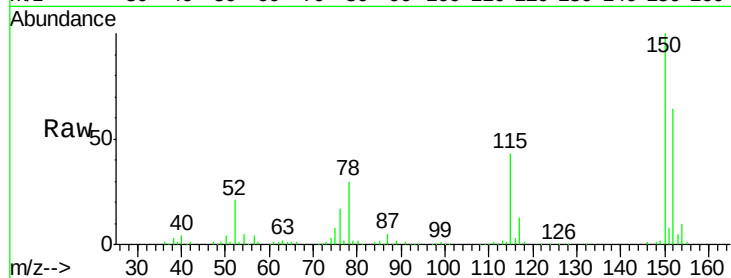
Tot Ion:152 Resp: 166476

Ion Ratio Lower Upper

152 100

150 156.7 128.9 193.3

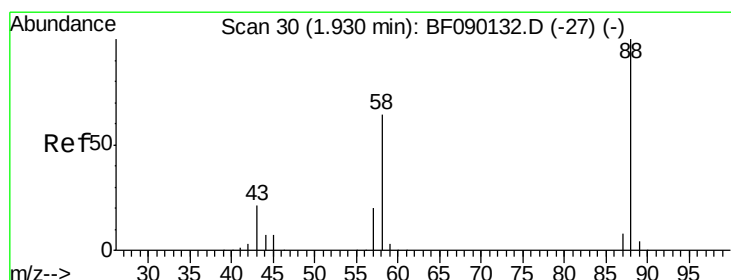
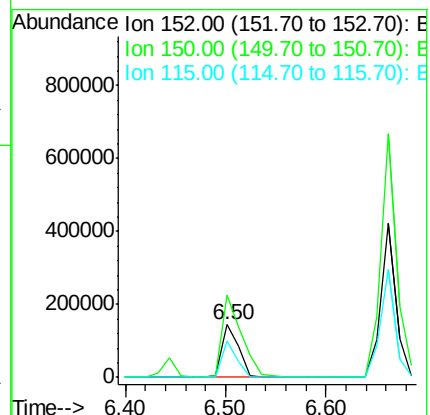
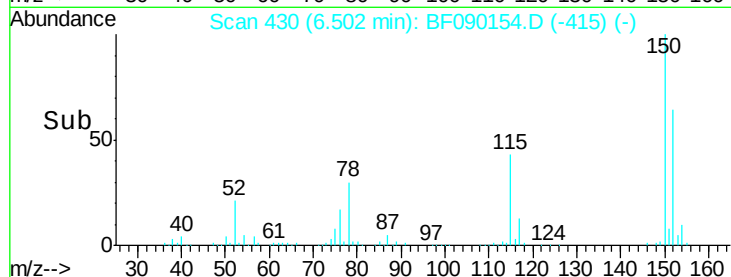
115 68.1 55.5 83.3



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: 35.48 ng

RT: 1.90 min Scan# 27

Delta R.T. -0.03 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

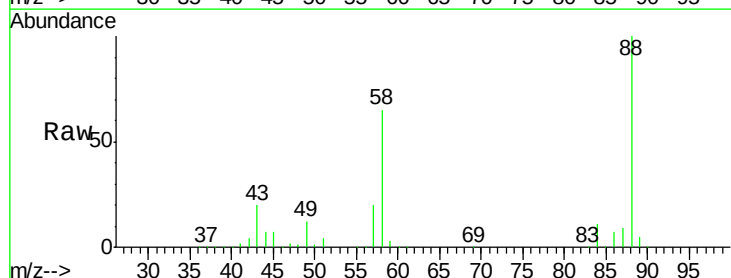
Tgt Ion: 88 Resp: 196586

Ion Ratio Lower Upper

88 100

58 65.5 53.4 80.0

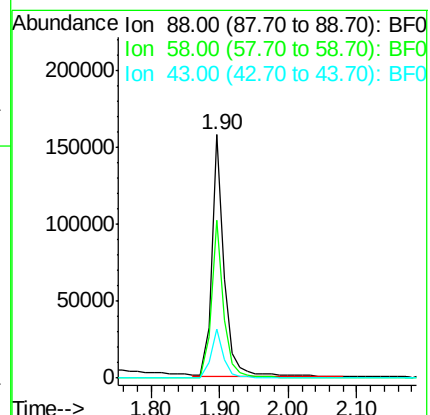
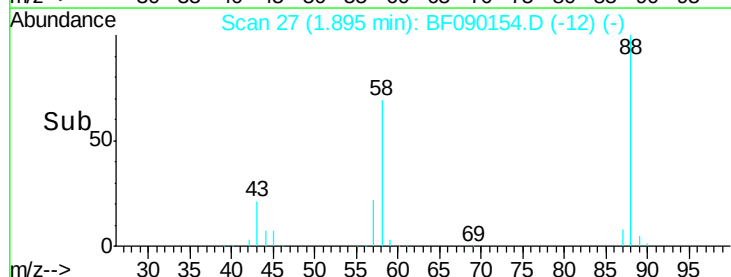
43 21.3 16.5 24.7

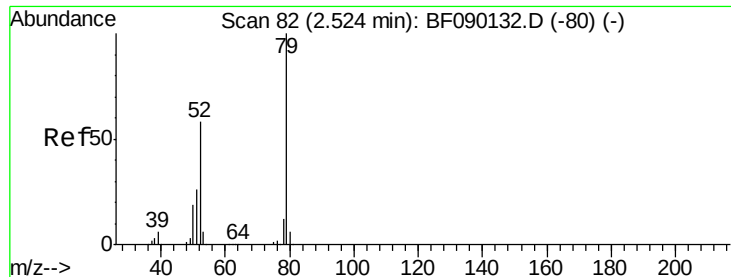


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.66 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.03 min

Lab File: BF090154.D

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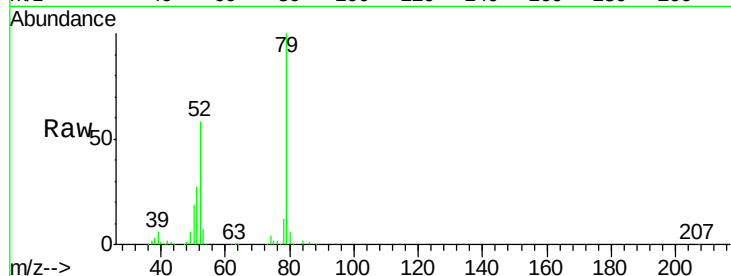
Tot Ion: 79 Resp: 464647

Ion Ratio Lower Upper

79 100

52 58.4 45.9 68.9

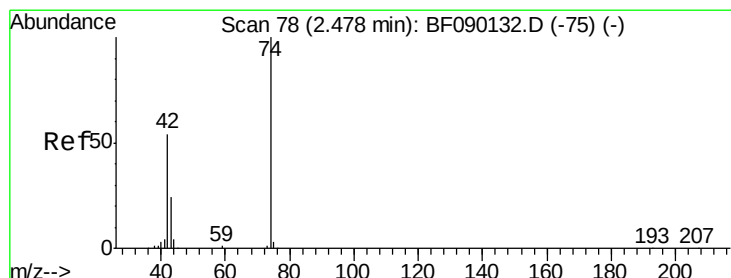
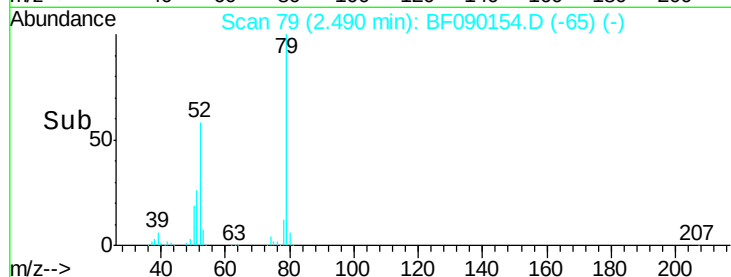
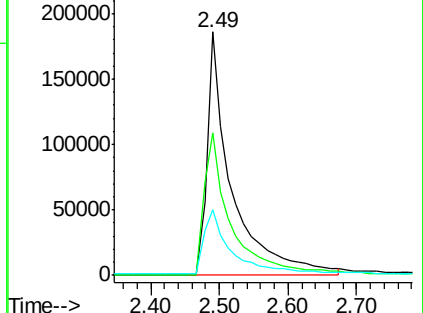
51 27.1 21.3 31.9



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: 43.36 ng

RT: 2.44 min Scan# 75

Delta R.T. -0.03 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

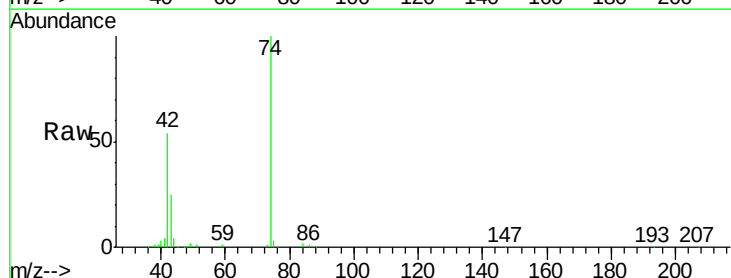
Tgt Ion: 42 Resp: 155504

Ion Ratio Lower Upper

42 100

74 186.0 158.7 238.1

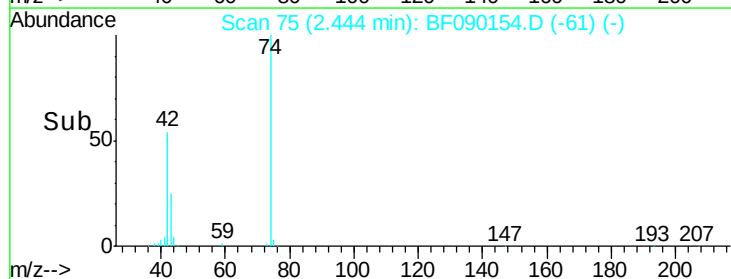
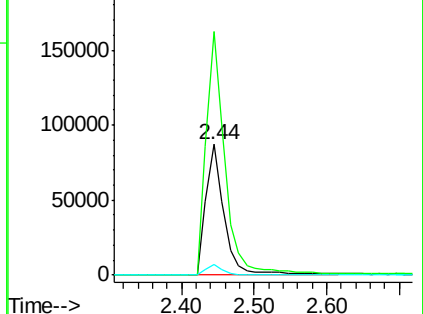
44 8.3 6.4 9.6

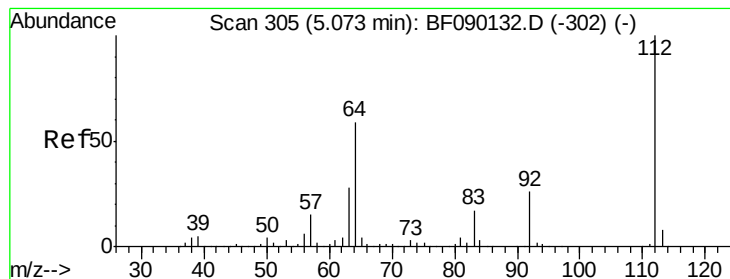


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.46 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090154.D

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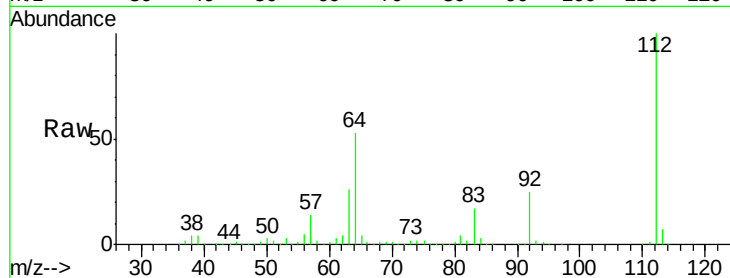
Tot Ion: 112 Resp: 821803

Ion Ratio Lower Upper

112 100

64 52.8 39.8 59.6

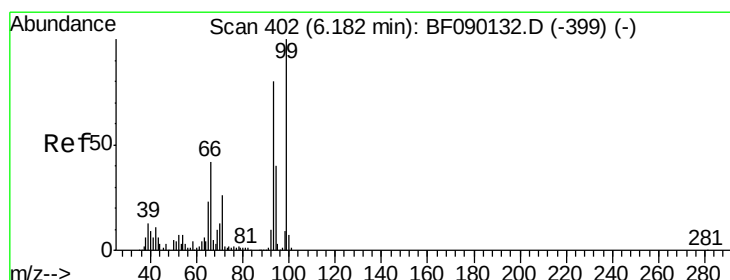
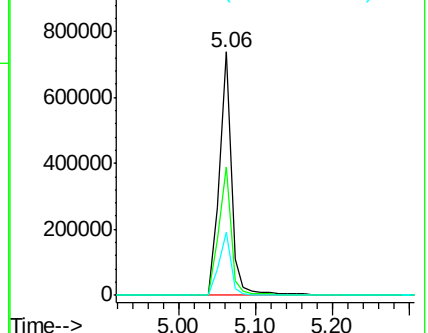
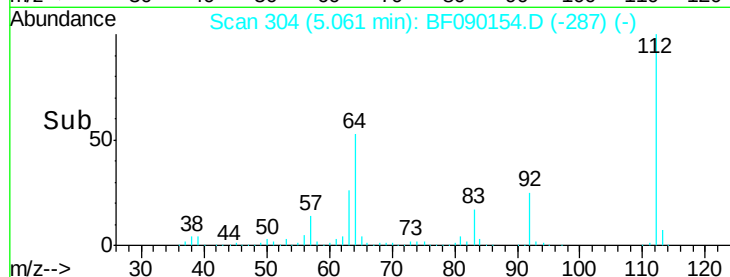
63 25.7 18.9 28.3



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: 40.07 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

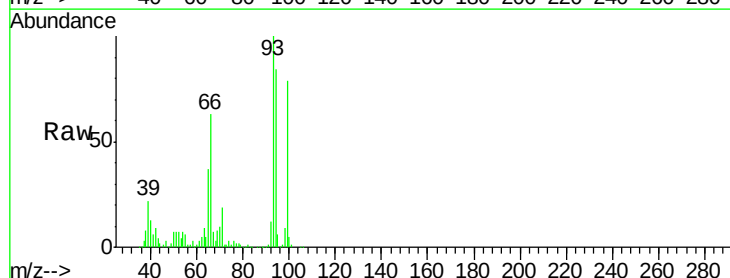
Tgt Ion: 93 Resp: 629962

Ion Ratio Lower Upper

93 100

66 62.5 54.2 81.2

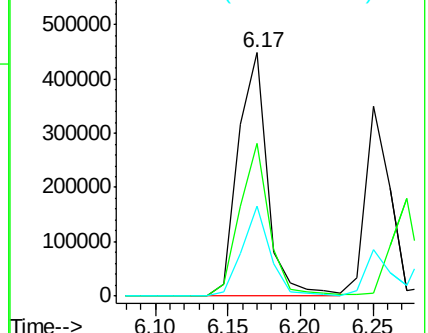
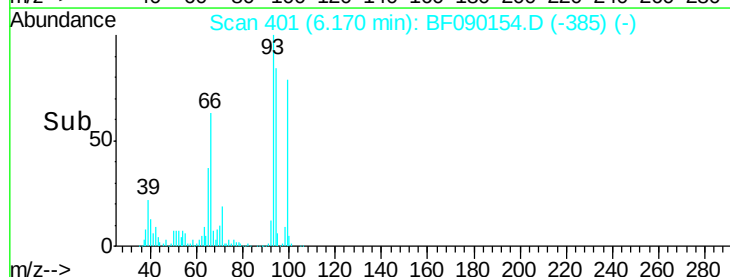
65 37.1 33.8 50.6

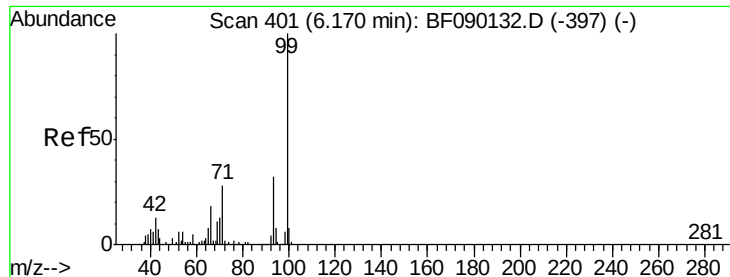


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.73 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090154.D

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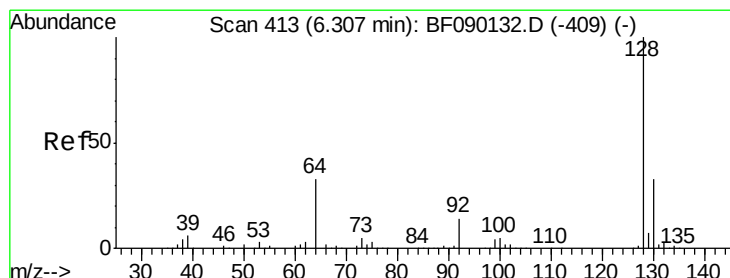
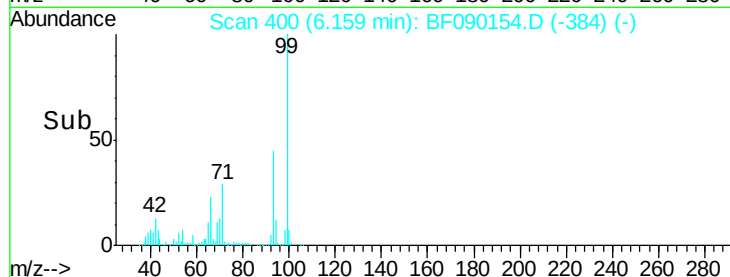
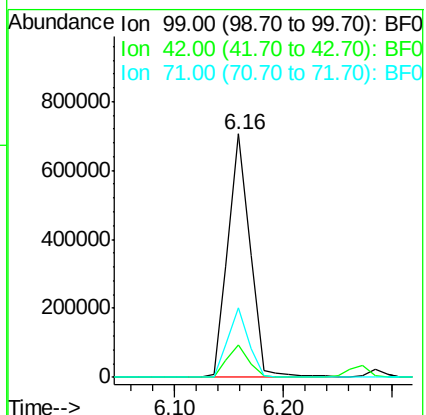
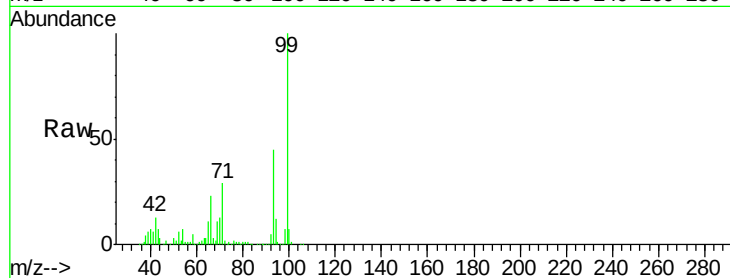
Tot Ion: 99 Resp: 993053

Ion Ratio Lower Upper

99 100

42 13.3 10.6 15.8

71 28.5 23.0 34.6



#8

2-Chlorophenol

Concen: 38.31 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

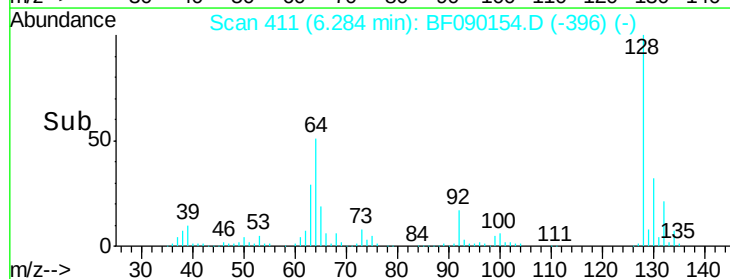
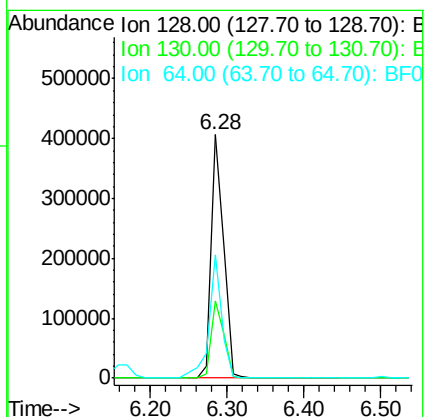
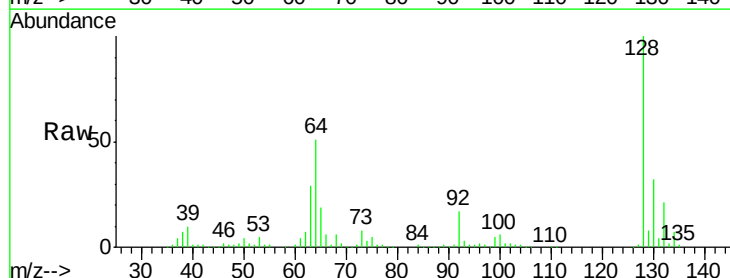
Tgt Ion: 128 Resp: 450182

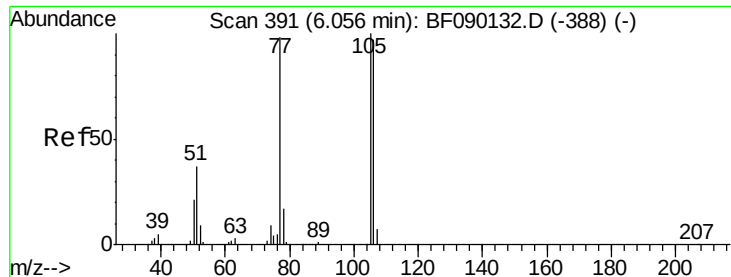
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 50.6 33.6 73.6





#9

Benzaldehyde

Concen: 41.04 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

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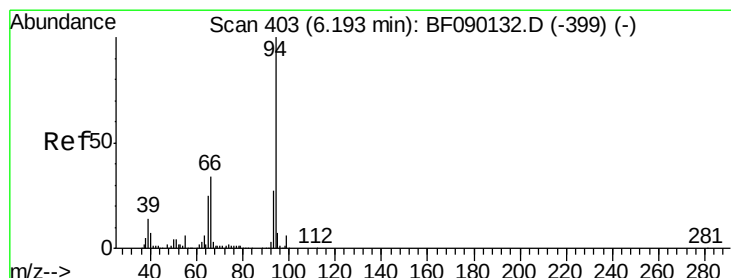
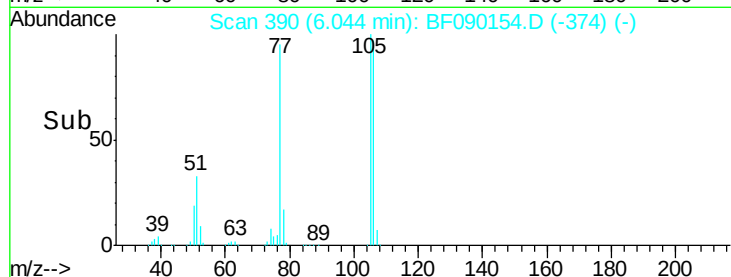
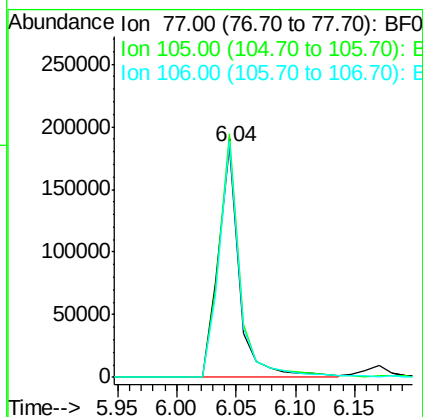
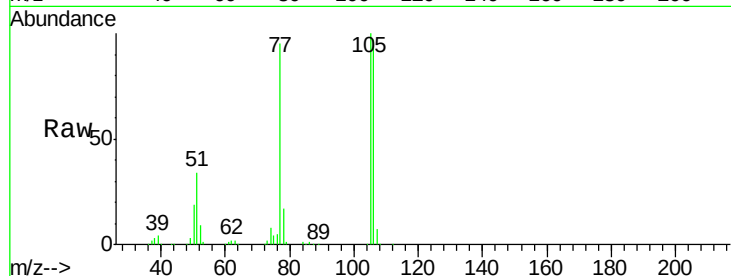
Tot Ion: 77 Resp: 225605

Ion Ratio Lower Upper

77 100

105 105.7 83.0 123.0

106 102.4 78.5 118.5



#10

Phenol

Concen: 35.02 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

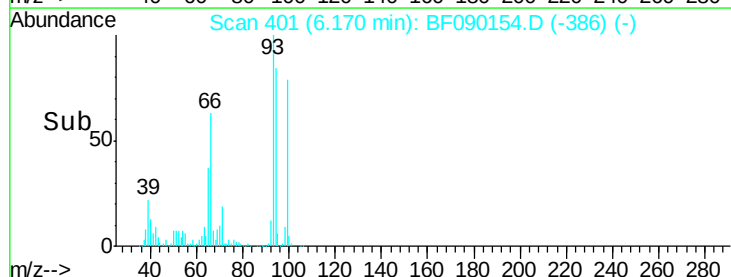
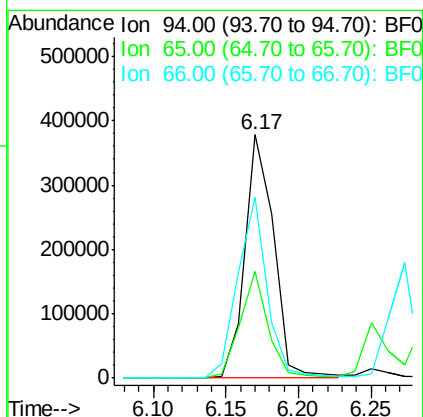
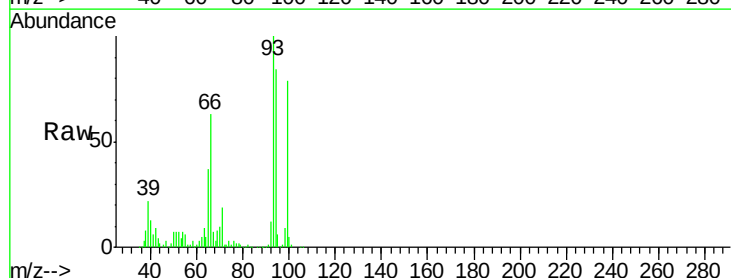
Tgt Ion: 94 Resp: 522135

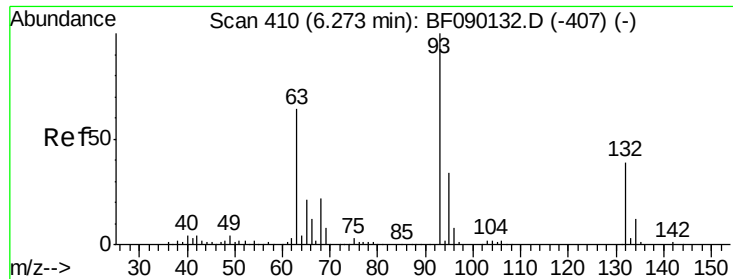
Ion Ratio Lower Upper

94 100

65 43.9 20.6 60.6

66 74.1 45.1 85.1

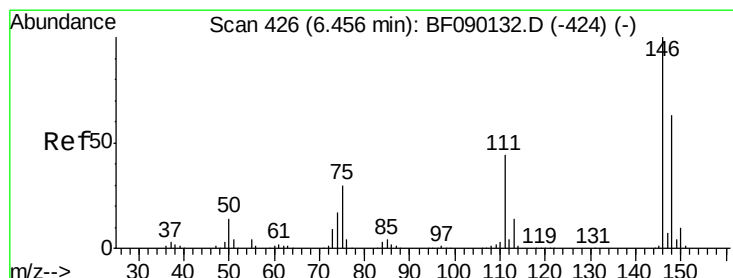
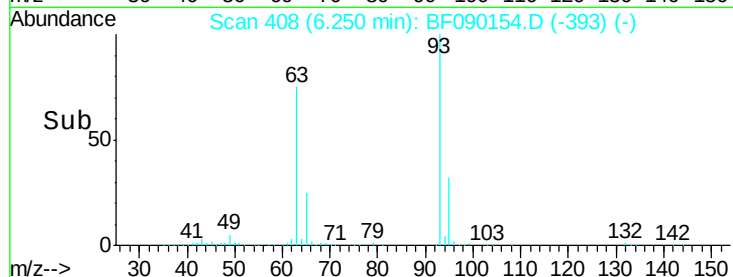
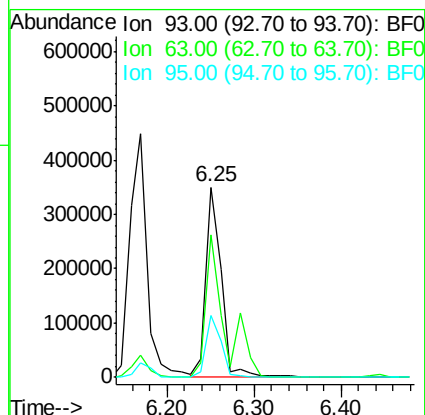
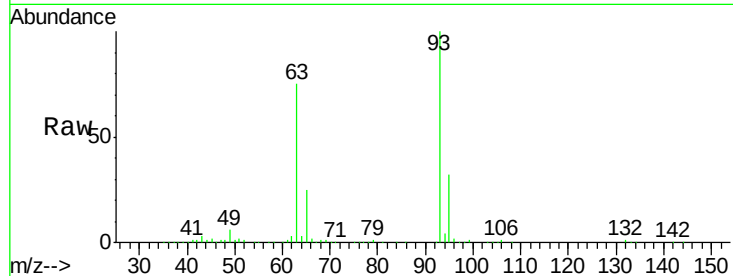




#11
bis(2-Chloroethyl)ether
Concen: 36.50 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

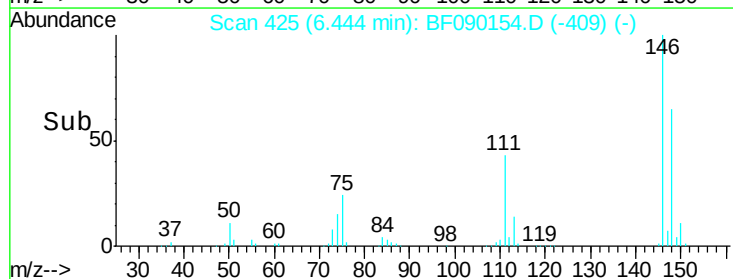
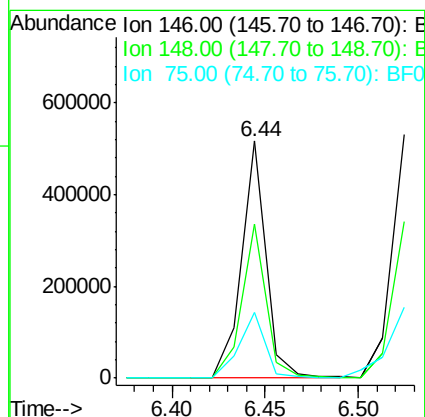
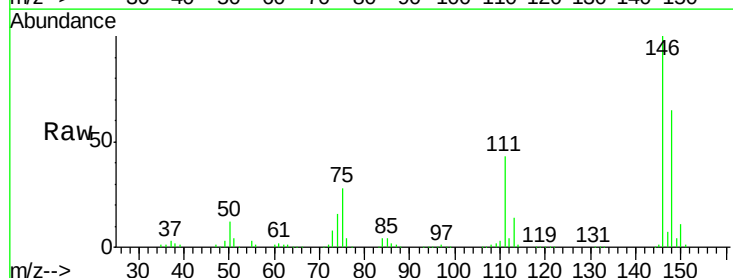
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

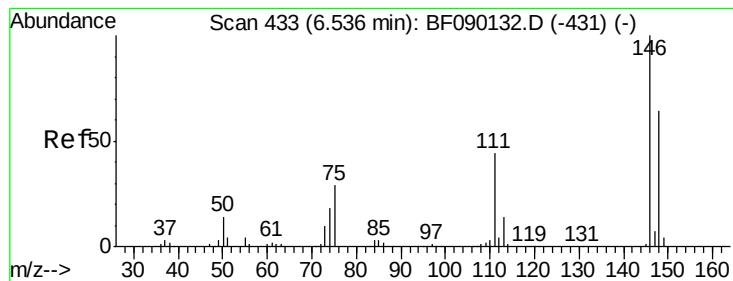
Tot Ion: 93 Resp: 424433
Ion Ratio Lower Upper
93 100
63 75.1 55.6 95.6
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.82 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion: 146 Resp: 476615
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 27.8 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 38.46 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

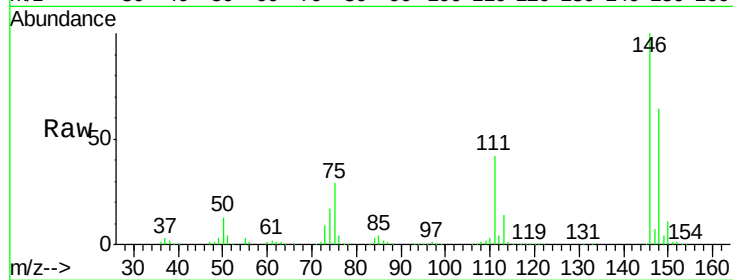
Tot Ion:146 Resp: 482133

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

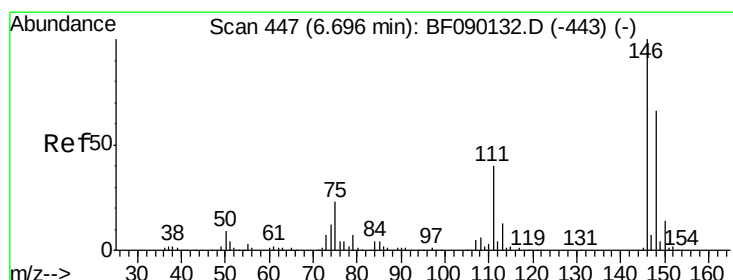
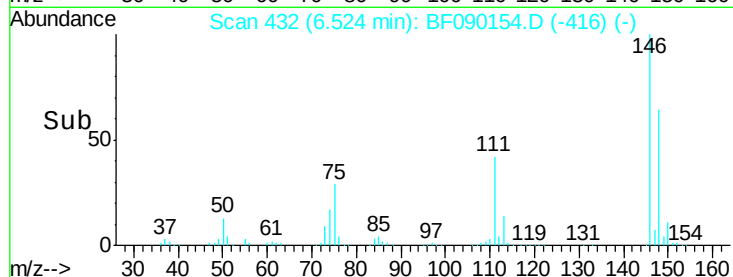
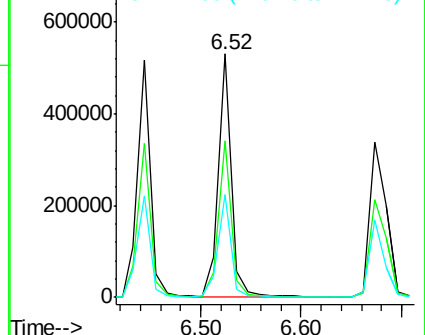
111 42.5 33.8 50.6



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: 34.84 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

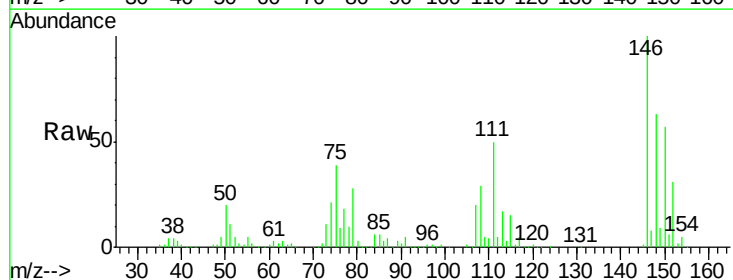
Tgt Ion:146 Resp: 389044

Ion Ratio Lower Upper

146 100

148 63.1 52.6 79.0

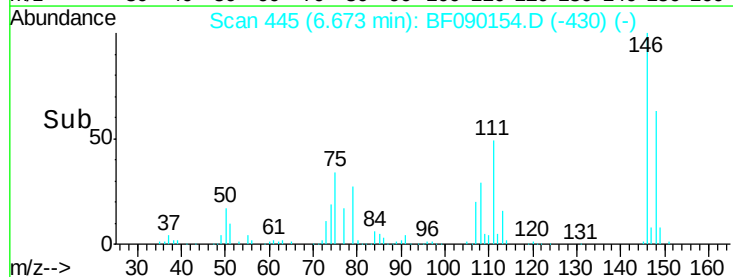
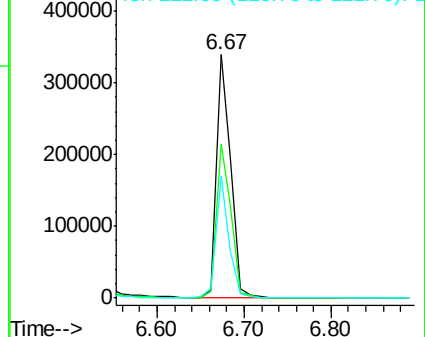
111 49.9 28.2 42.2#

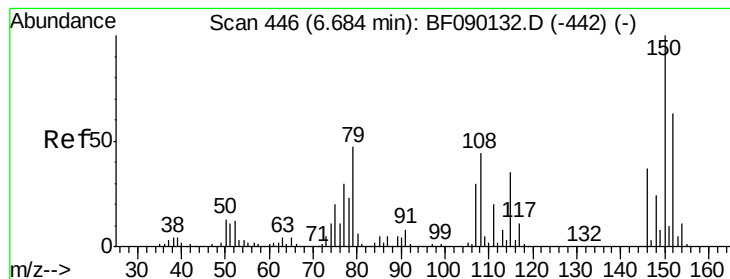


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.02 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

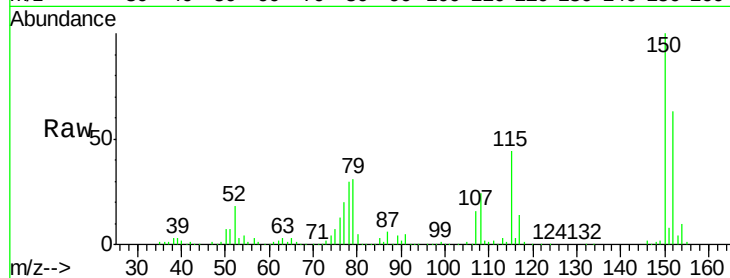
Tot Ion: 79 Resp: 270940

Ion Ratio Lower Upper

79 100

108 77.3 62.2 93.4

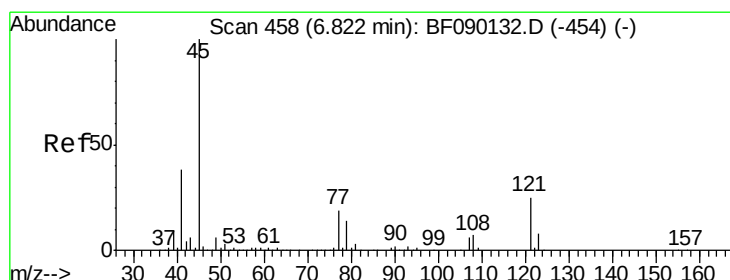
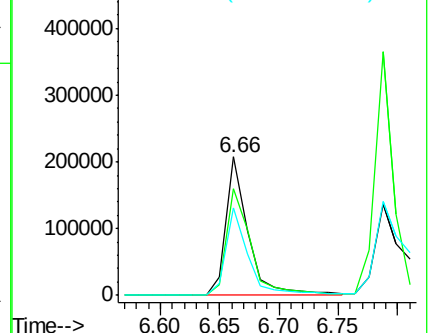
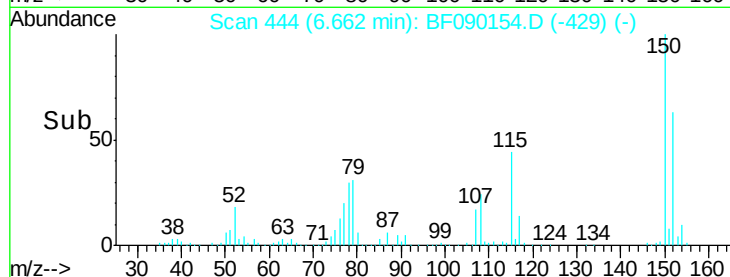
77 63.6 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.62 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

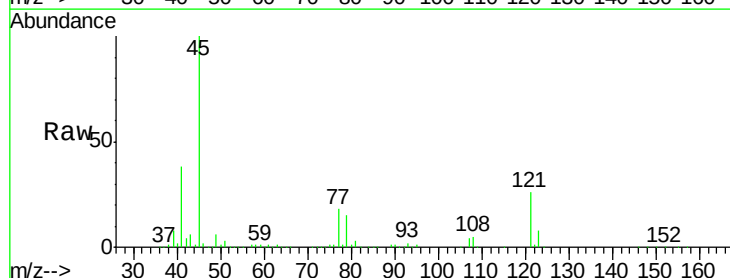
Tgt Ion: 45 Resp: 550529

Ion Ratio Lower Upper

45 100

77 18.0 0.5 40.5

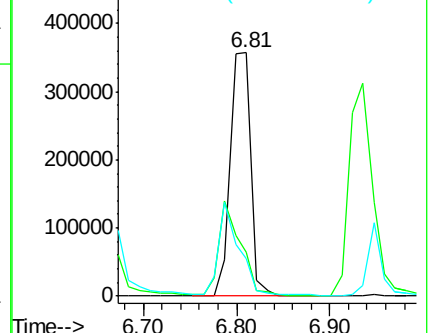
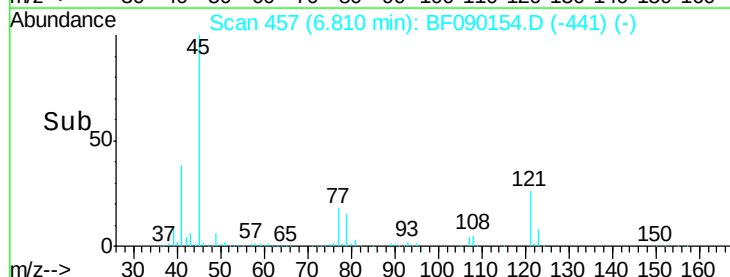
79 15.3 0.0 37.0

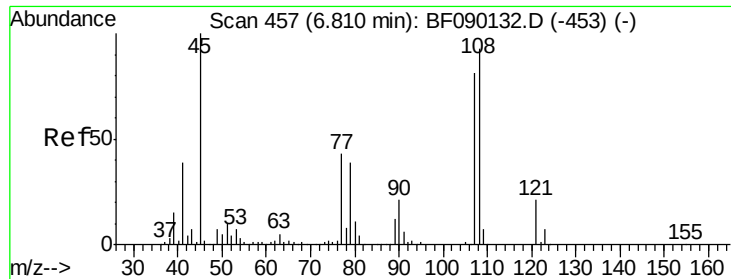


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

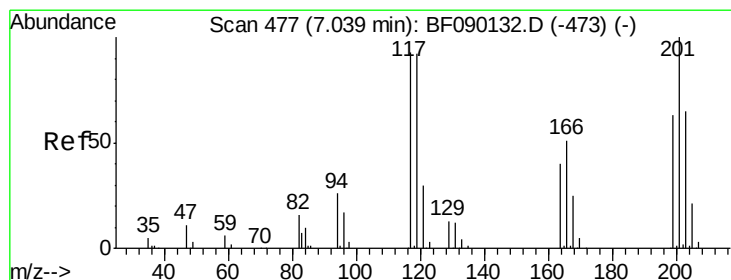
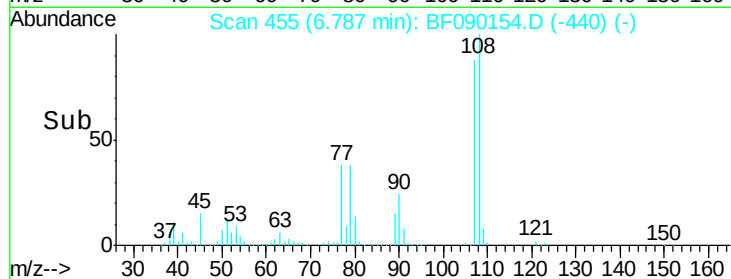
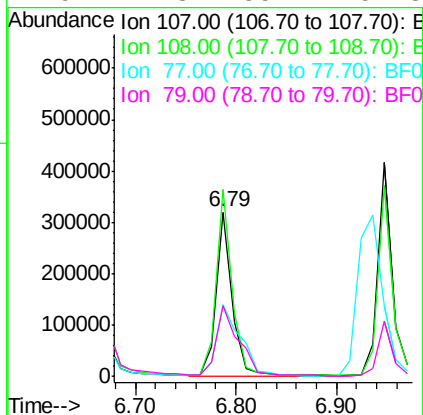
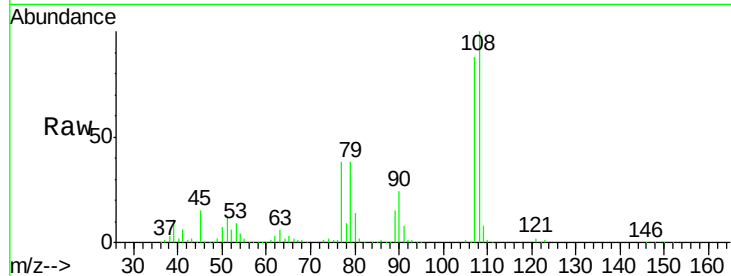




#17
2-Methylphenol
Concen: 38.11 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

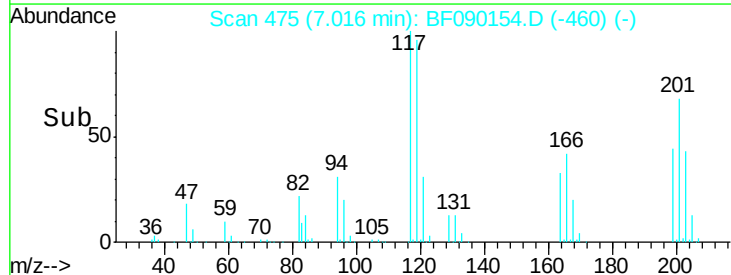
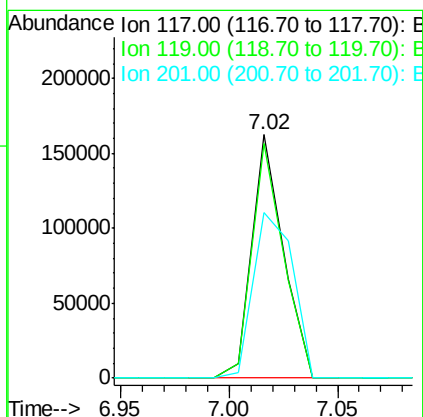
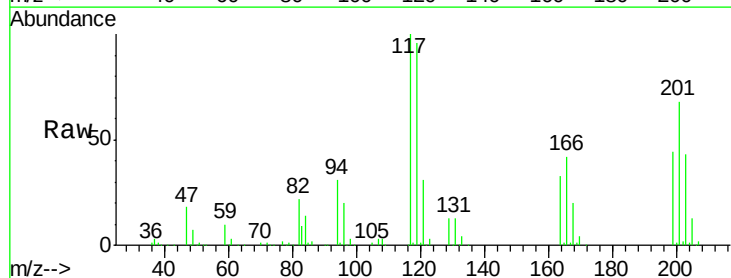
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

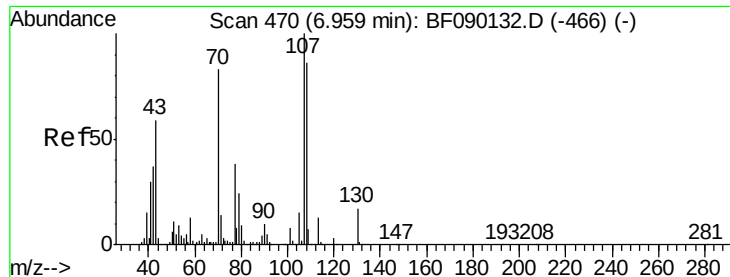
Tot Ion:	107	Resp:	352782
Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.0	138.0
77	43.8	35.6	53.4
79	42.8	35.2	52.8



#18
Hexachloroethane
Concen: 36.51 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion:	117	Resp:	163243
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	115.0
201	68.0	55.5	83.3

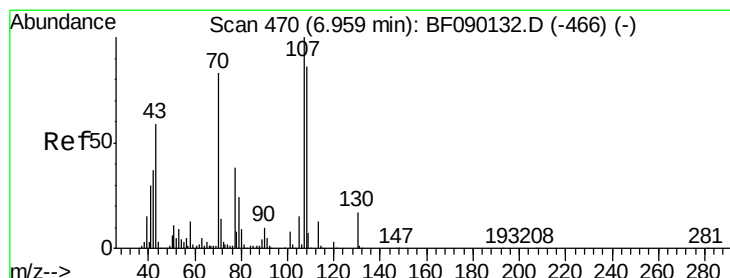
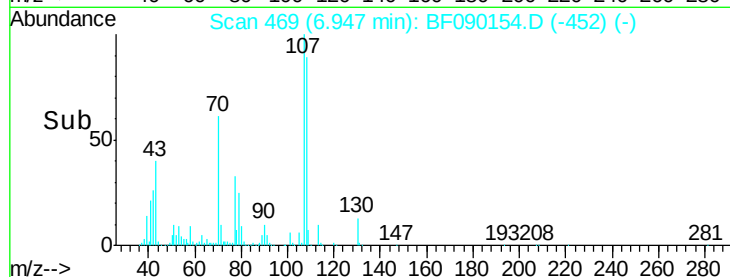
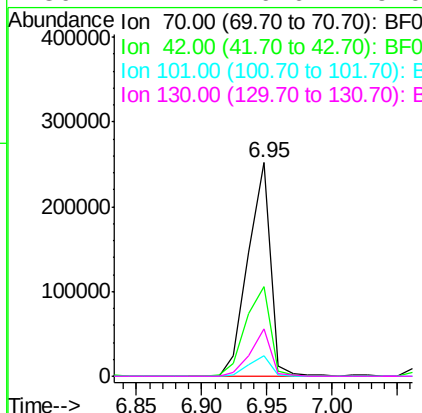
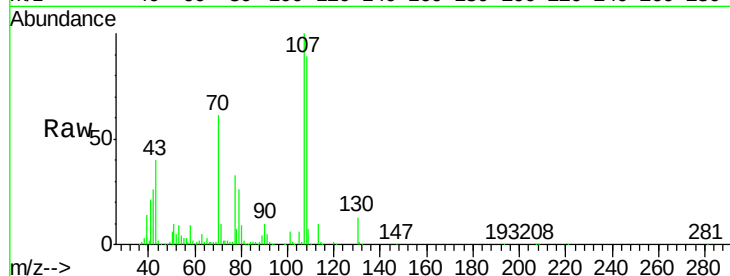




#19
n-Nitroso-di-n-propylamine
Concen: 40.79 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

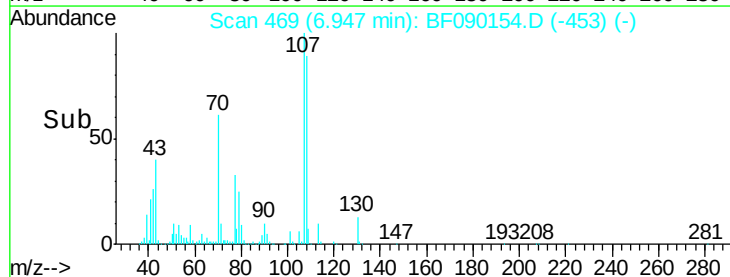
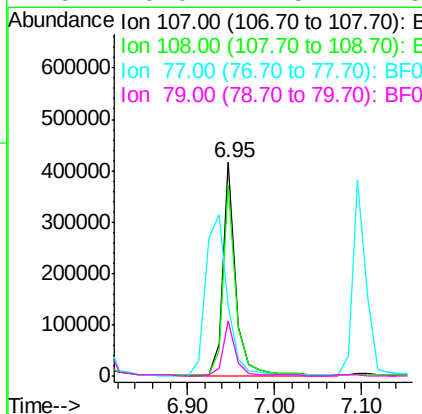
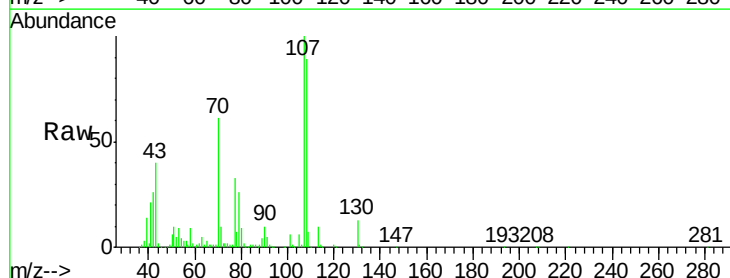
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

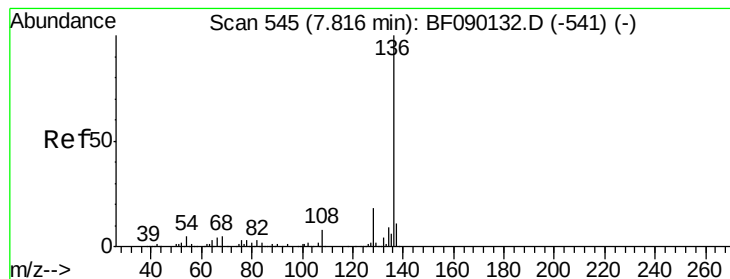
Tot Ion:	70	Resp:	302242
Ion	Ratio	Lower	Upper
70	100		
42	42.1	35.1	52.7
101	9.7	7.5	11.3
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.90 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion:	107	Resp:	432334
Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.3	113.3
77	32.9	14.1	54.1
79	26.0	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 632754

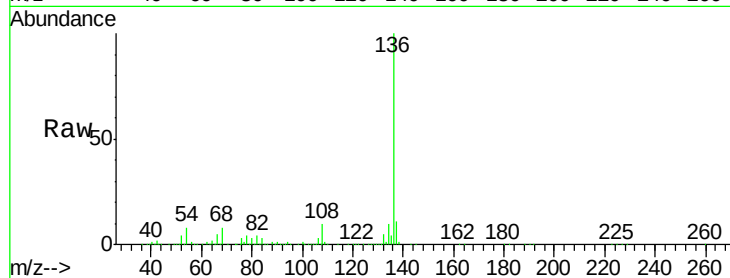
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.1 6.4 9.6

68 7.7 6.3 9.5

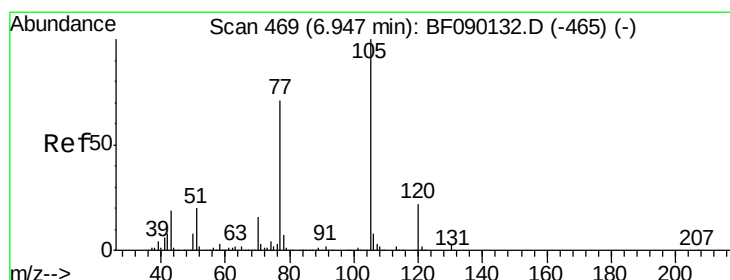
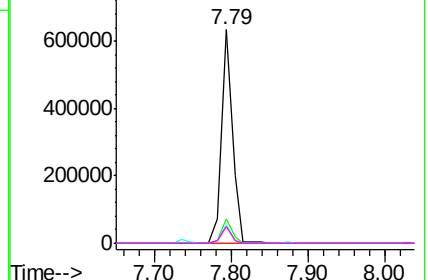
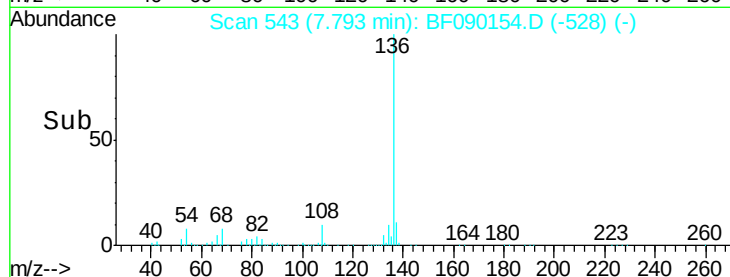


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.77 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Tgt Ion:105 Resp: 622025

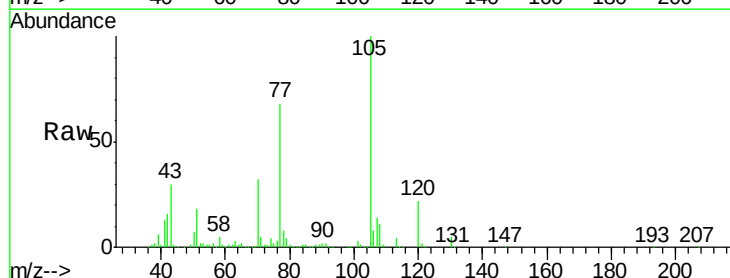
Ion Ratio Lower Upper

105 100

71 5.3 4.1 6.1

51 18.1 16.2 24.2

120 22.4 18.2 27.2

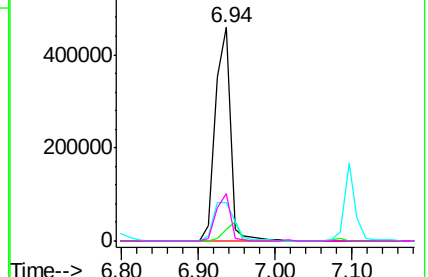
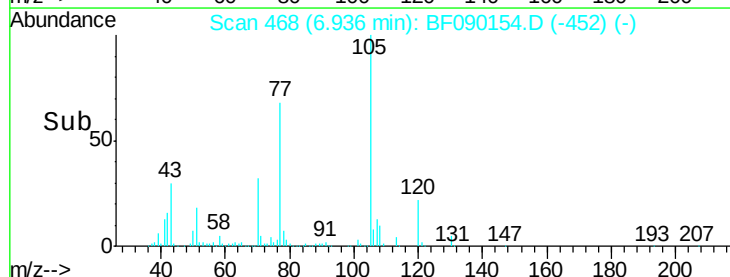


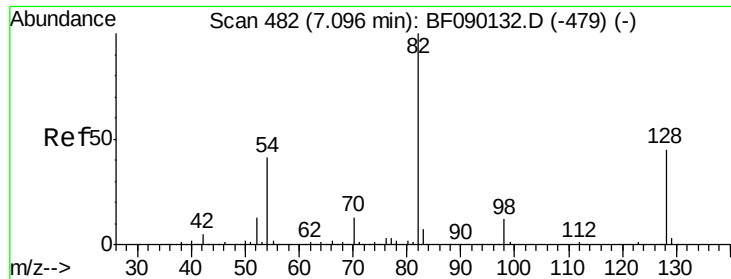
Abundance Ion 105.00 (104.70 to 105.70): E

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

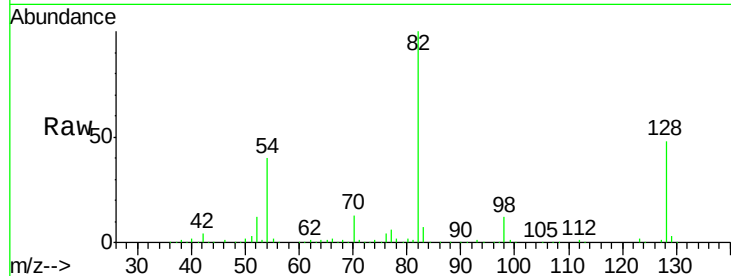




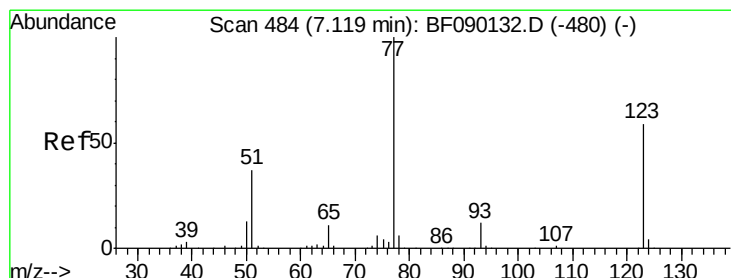
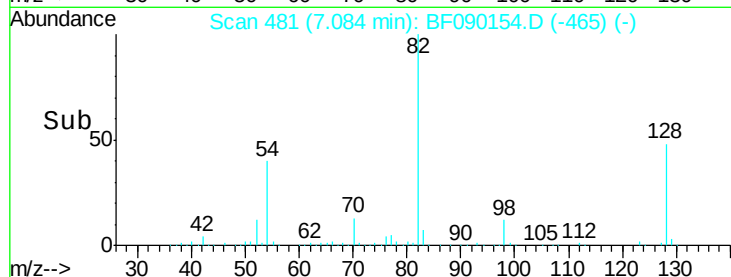
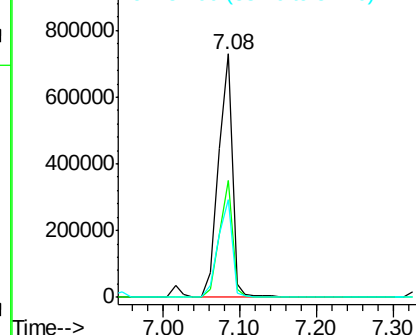
#23
Nitrobenzene-d5
Concen: 83.13 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 907426
Ion Ratio Lower Upper
82 100
128 47.8 37.5 56.3
54 40.0 31.9 47.9

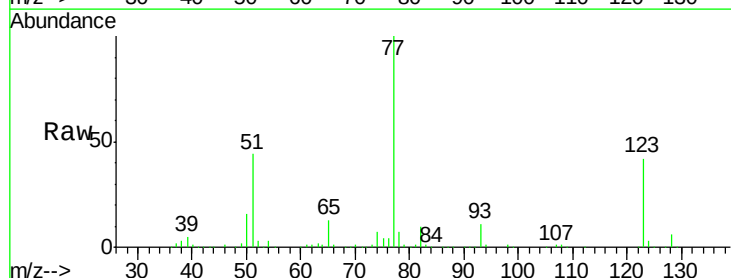


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

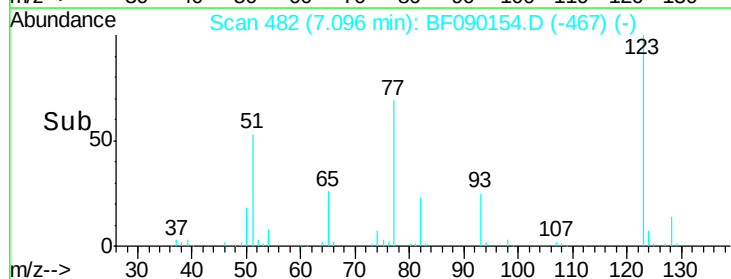
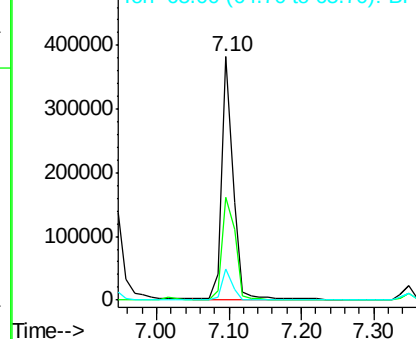


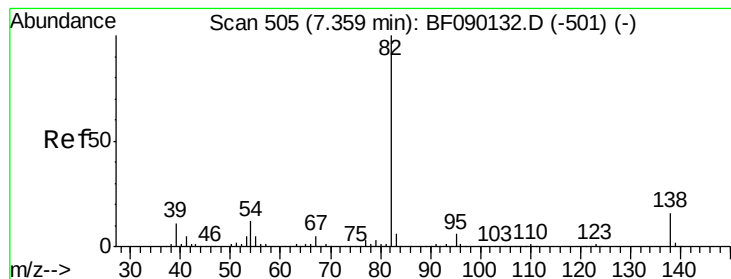
#24
Nitrobenzene
Concen: 36.58 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion: 77 Resp: 416085
Ion Ratio Lower Upper
77 100
123 42.3 33.4 50.2
65 12.6 10.1 15.1



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





#25

Isophorone

Concen: 39.05 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

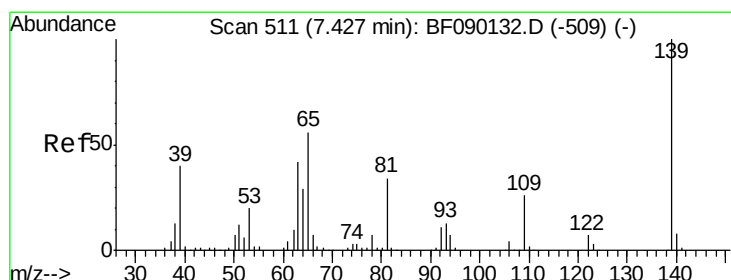
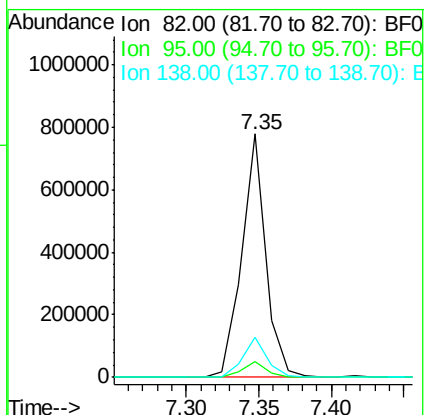
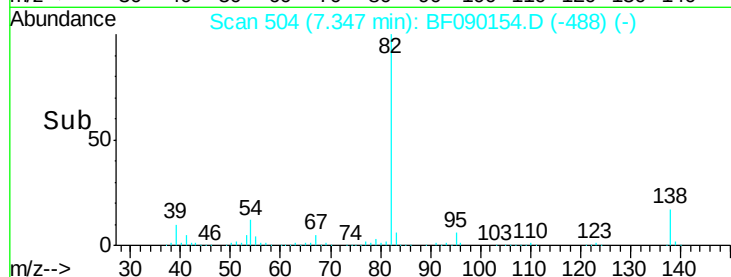
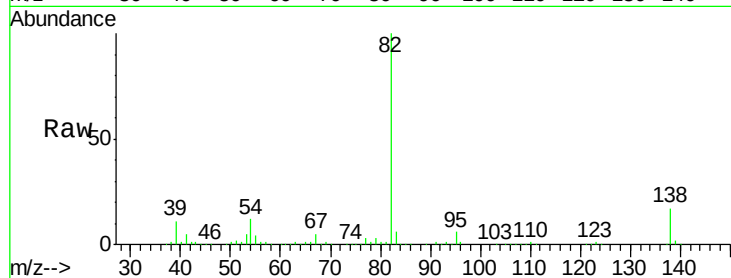
Tot Ion: 82 Resp: 890607

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 16.7 13.5 20.3



#26

2-Nitrophenol

Concen: 40.54 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

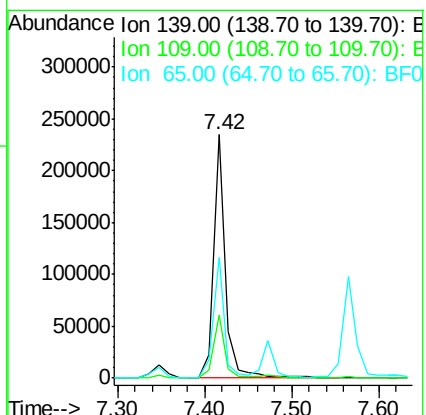
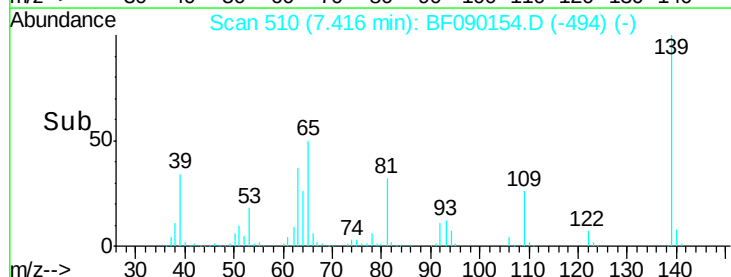
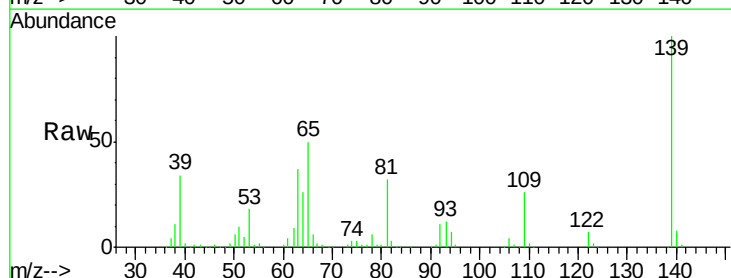
Tgt Ion: 139 Resp: 227044

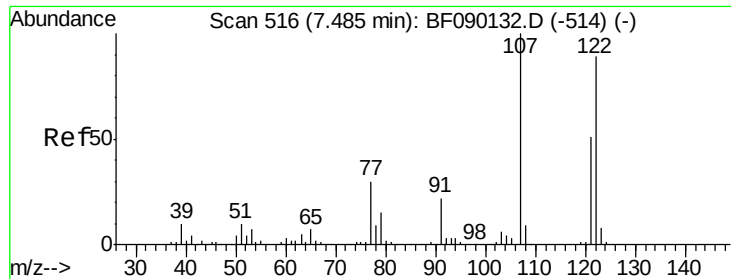
Ion Ratio Lower Upper

139 100

109 25.8 20.5 30.7

65 49.5 37.9 56.9

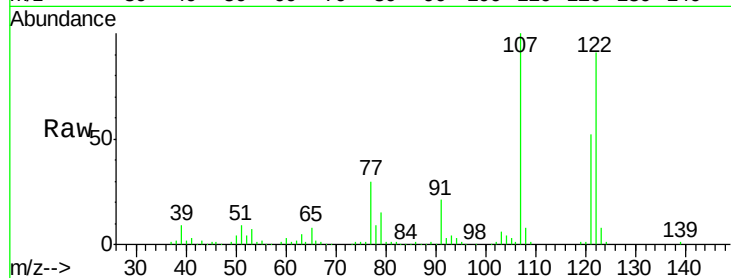




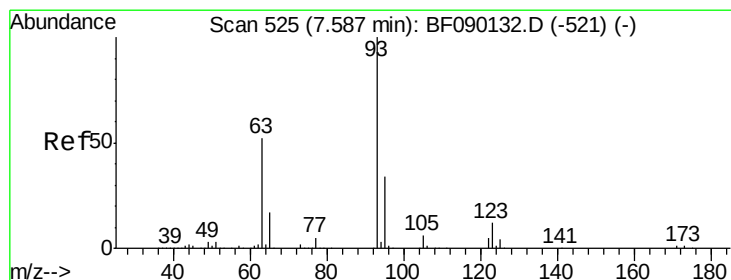
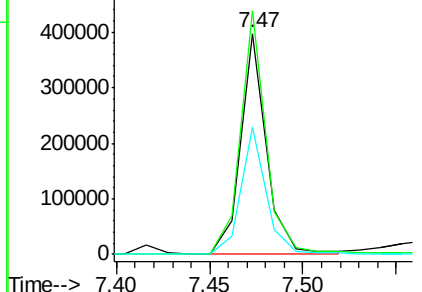
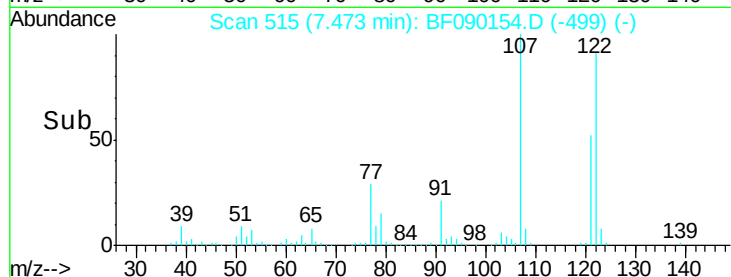
#27
 2,4-Dimethylphenol
 Concen: 38.20 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.8	131.6
121	57.3	45.7	68.5

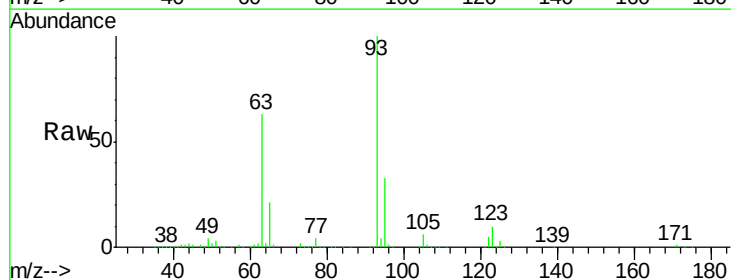


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

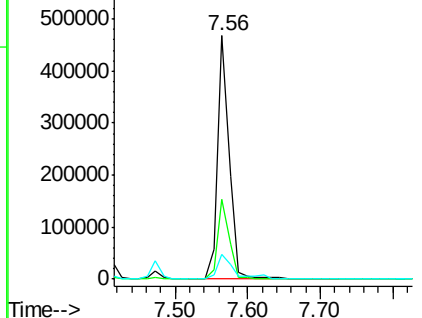
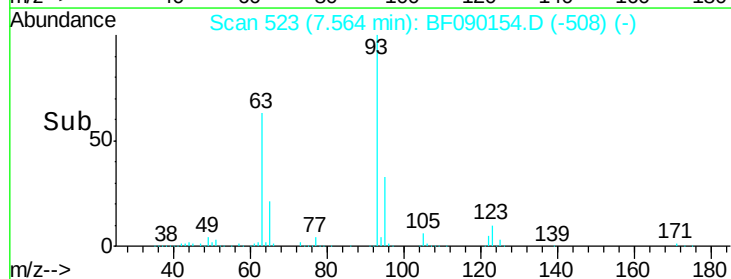


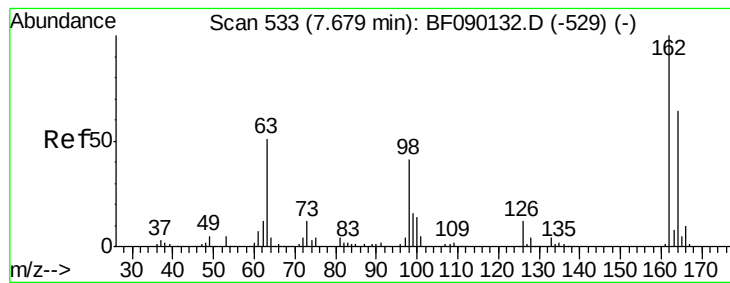
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.79 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.8	40.2
123	10.1	8.5	12.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

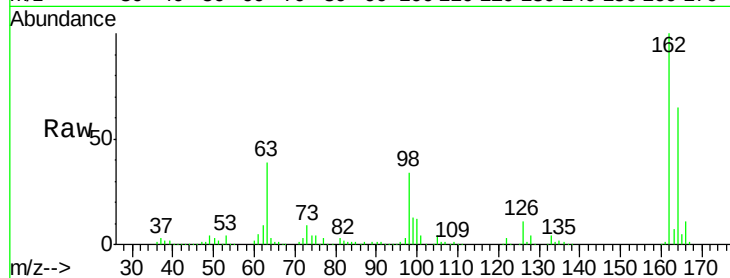




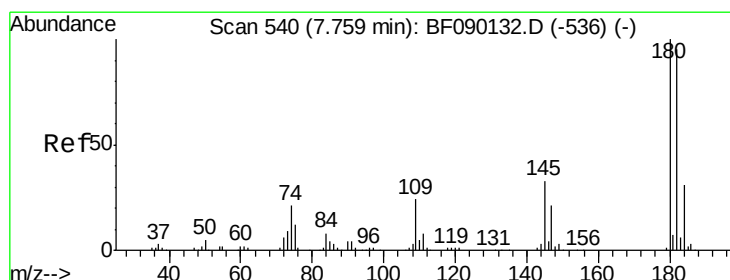
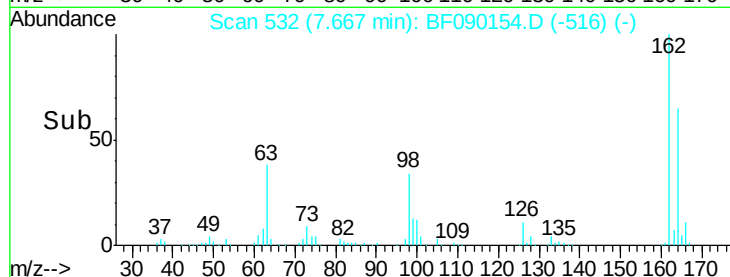
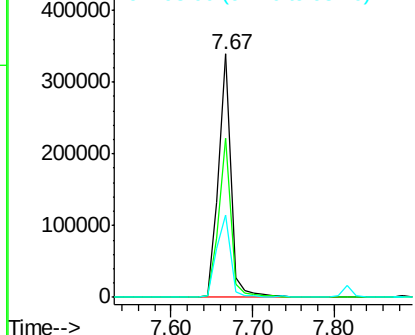
#29
 2,4-Dichlorophenol
 Concen: 41.74 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.2	86.2
98	34.0	10.4	50.4

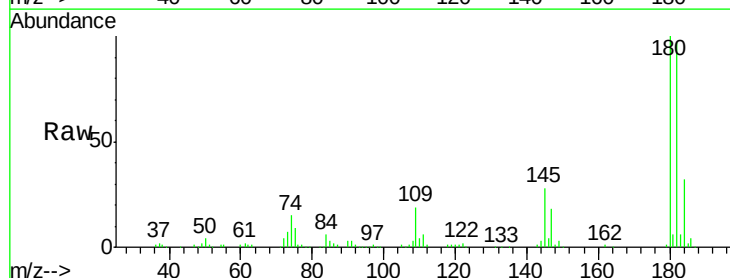


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

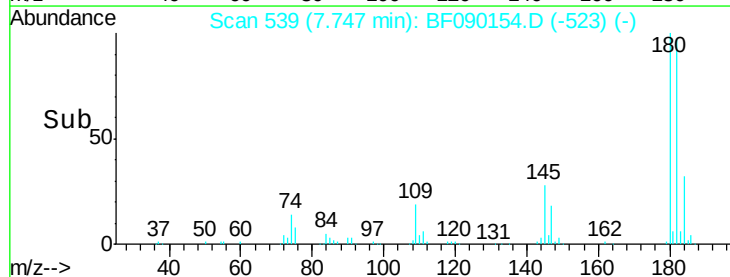
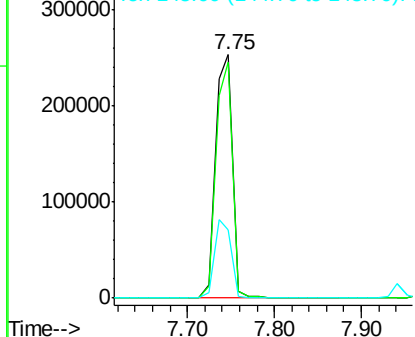


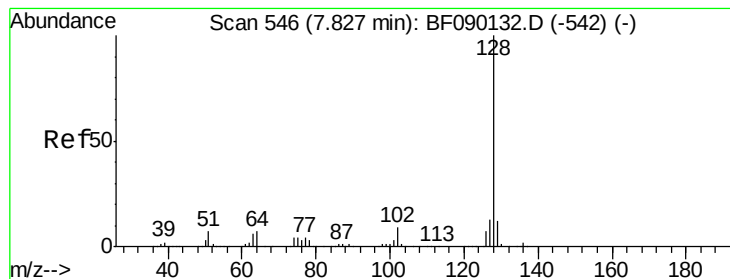
#30
 1,2,4-Trichlorobenzene
 Concen: 40.00 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.0	112.6
145	28.3	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: 38.41 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

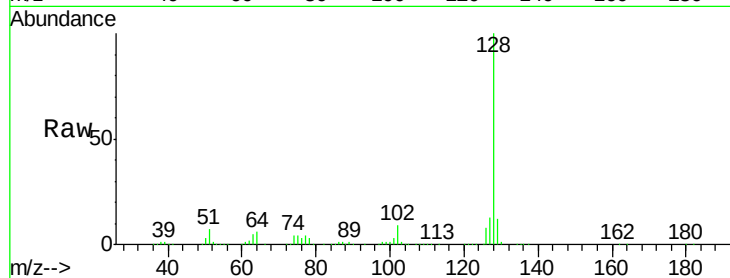
Tot Ion:128 Resp: 1157319

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

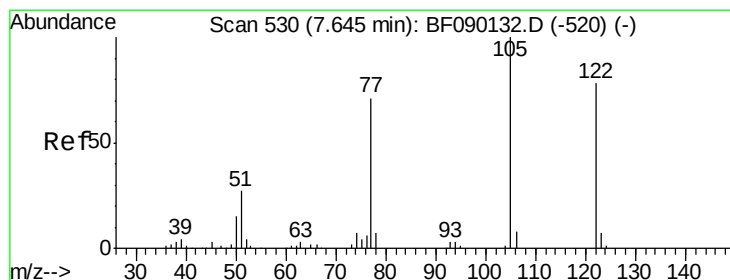
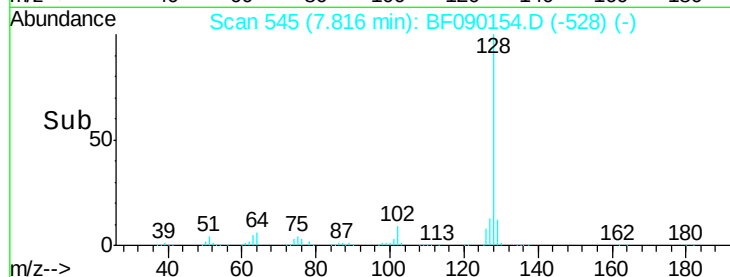
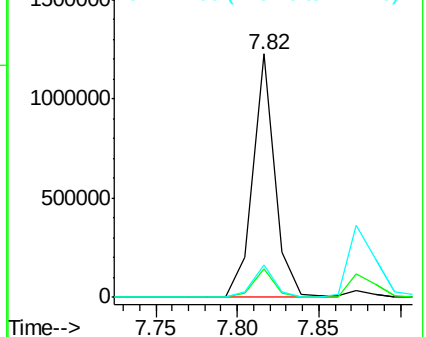
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.33 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

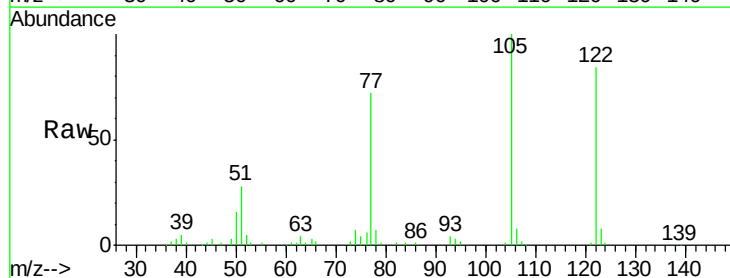
Tgt Ion:122 Resp: 282296

Ion Ratio Lower Upper

122 100

105 119.0 105.0 145.0

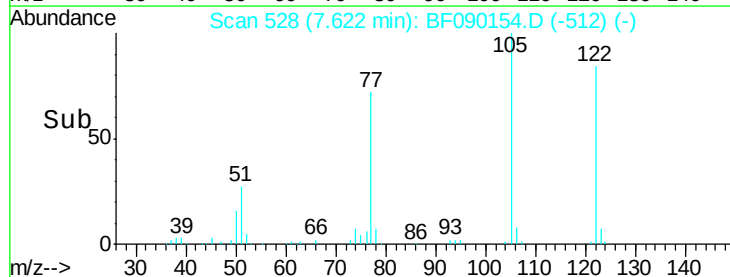
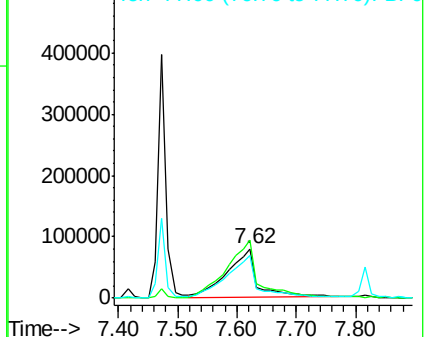
77 86.1 70.4 110.4

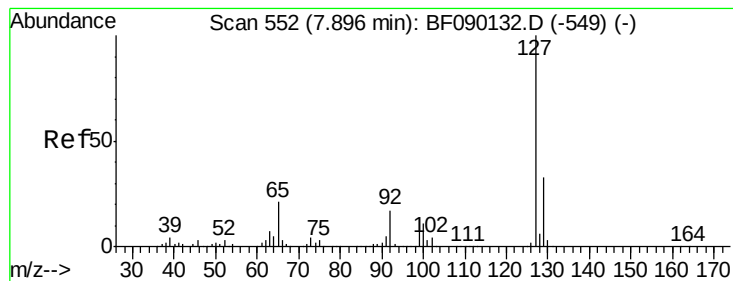


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.54 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 444113

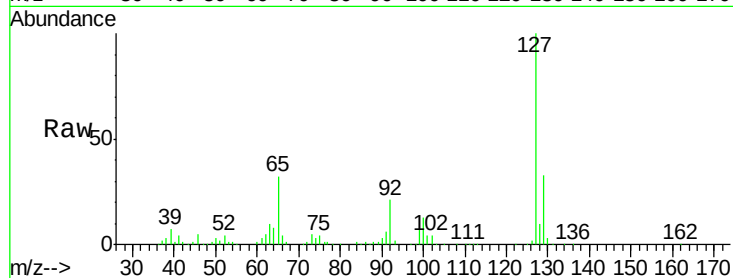
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.6

65 31.6 24.1 36.1

92 20.7 16.3 24.5

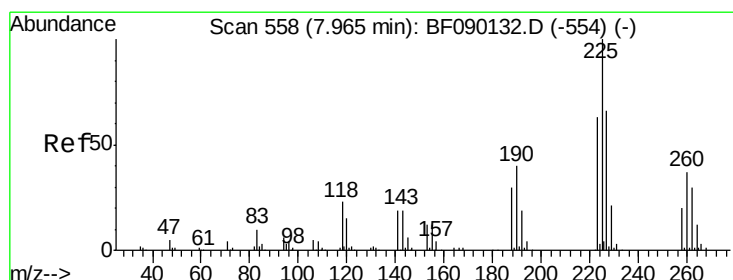
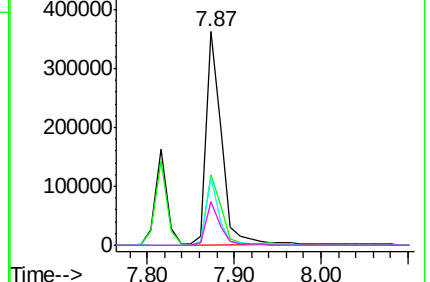
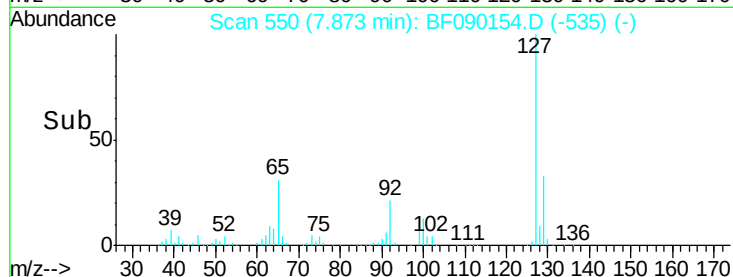


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.87 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

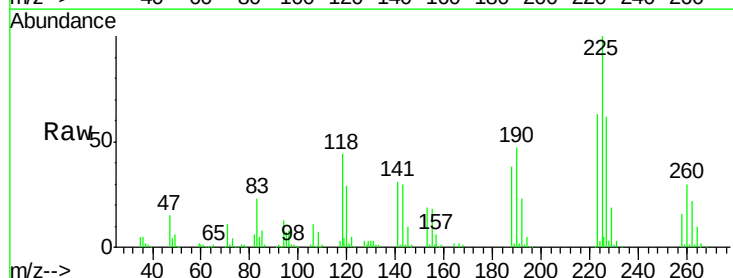
Tgt Ion:225 Resp: 160347

Ion Ratio Lower Upper

225 100

223 62.8 51.3 76.9

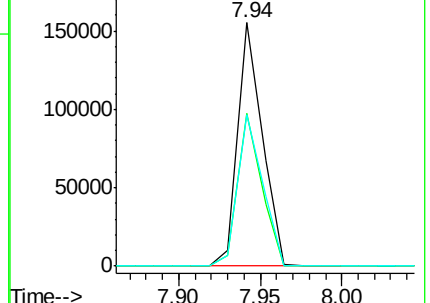
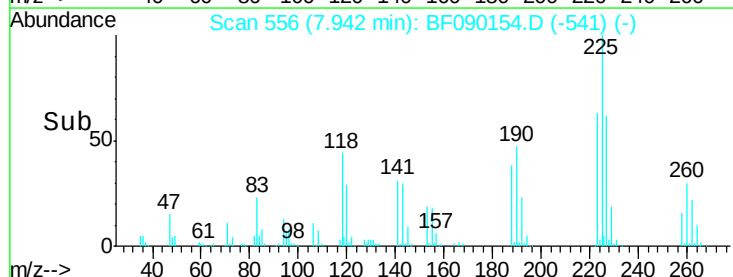
227 62.2 51.4 77.0

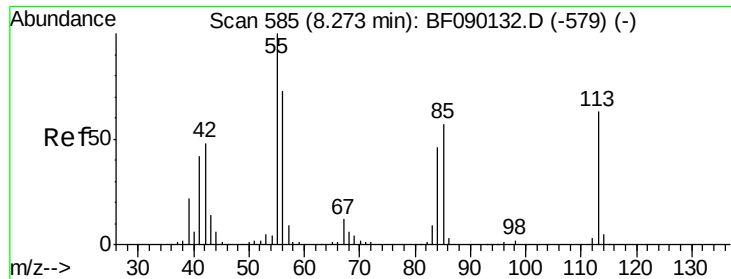


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

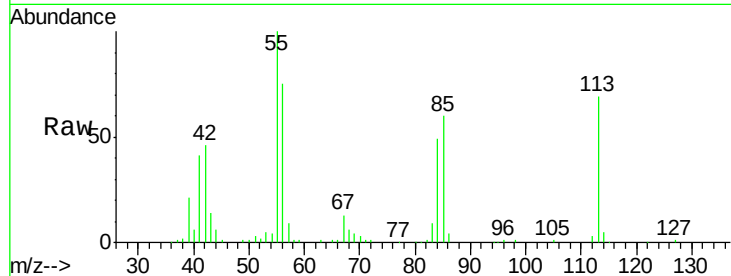




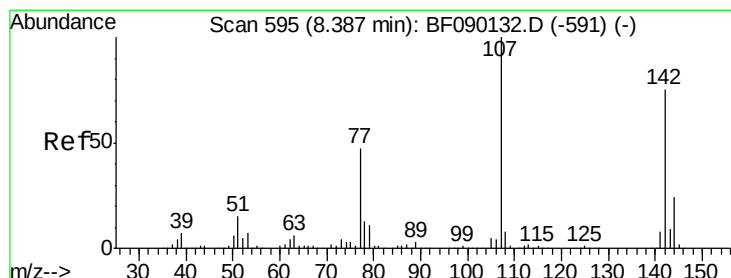
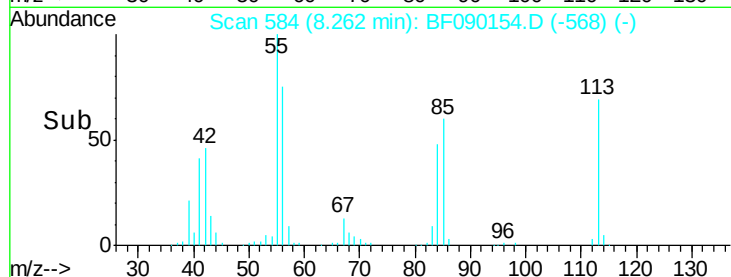
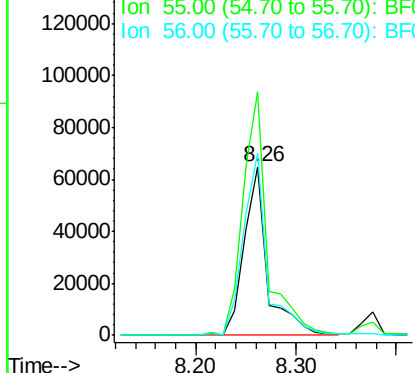
#35
 Caprolactam
 Concen: 36.20 ng
 RT: 8.26 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 104563
 Ion Ratio Lower Upper
 113 100
 55 144.5 134.5 174.5
 56 107.9 93.7 133.7

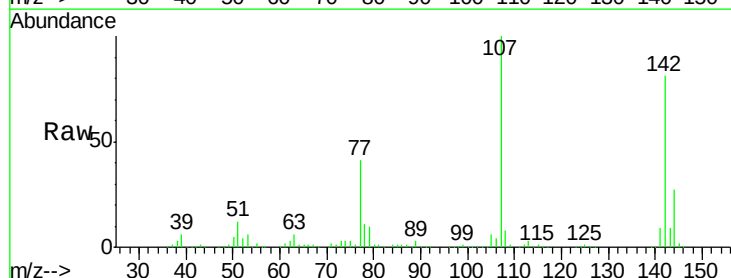


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

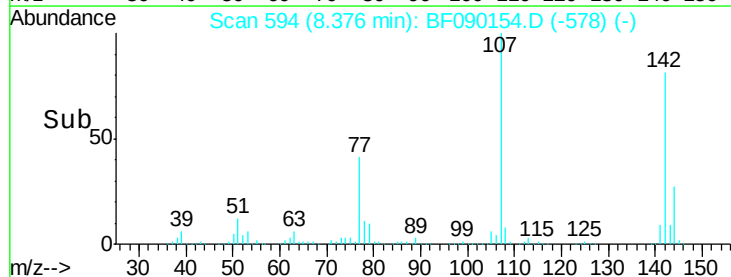
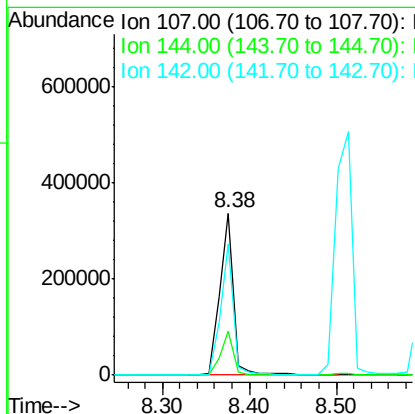


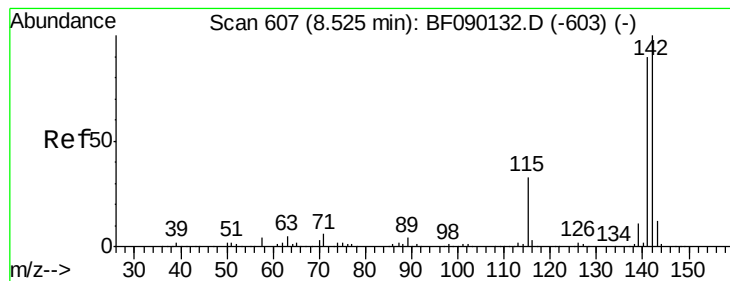
#36
 4-Chloro-3-methylphenol
 Concen: 38.55 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion:107 Resp: 380208
 Ion Ratio Lower Upper
 107 100
 144 26.8 18.6 27.8
 142 81.0 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: 35.94 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

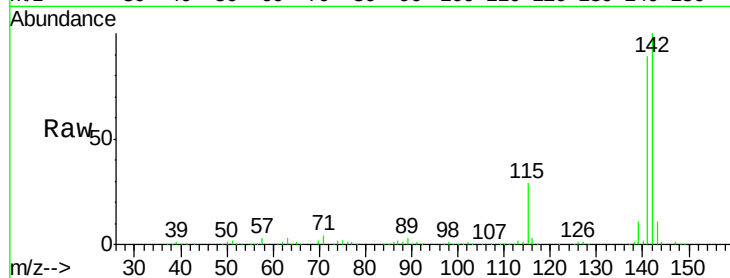
Tot Ion:142 Resp: 673437

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

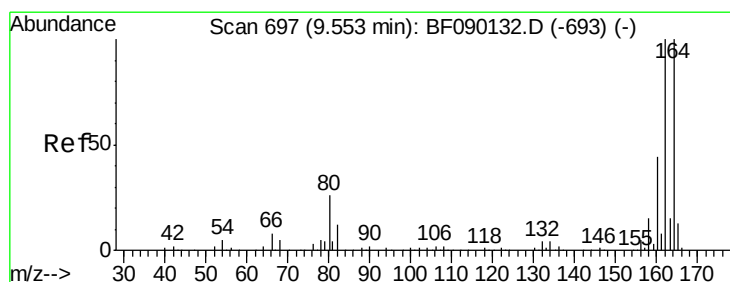
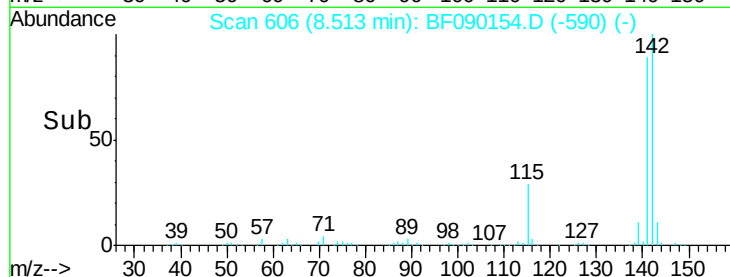
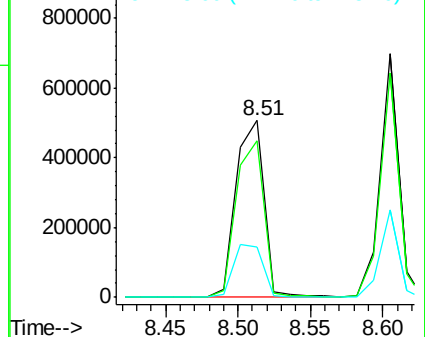
115 28.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

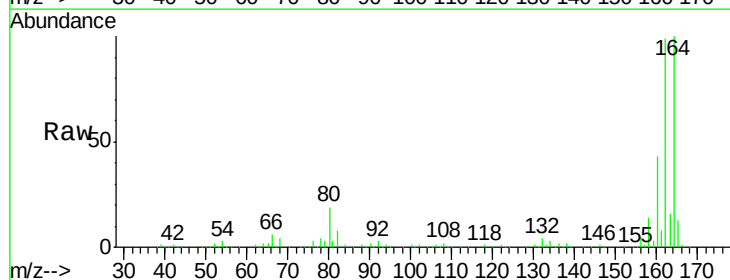
Tgt Ion:164 Resp: 322529

Ion Ratio Lower Upper

164 100

162 98.6 81.4 122.2

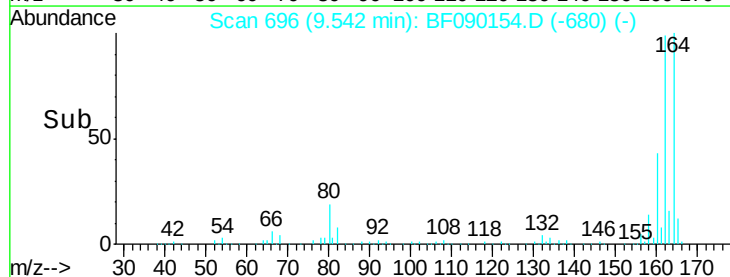
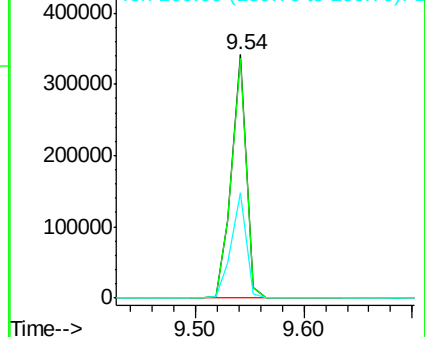
160 43.4 36.6 54.8

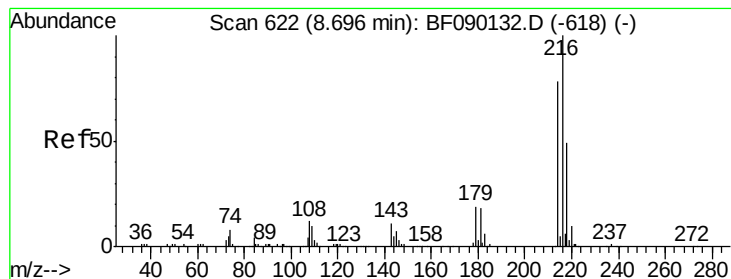


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.22 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 260736

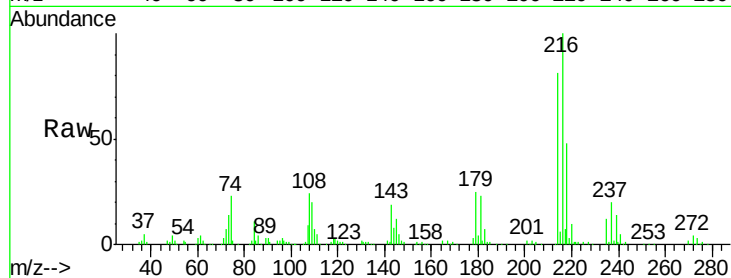
Ion Ratio Lower Upper

216 100

214 79.9 63.7 95.5

179 22.3 18.5 27.7

108 22.9 19.5 29.3

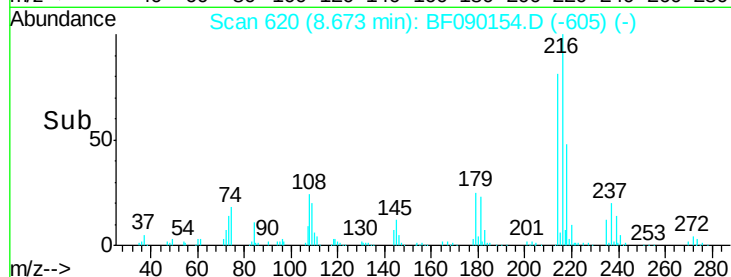


Abundance Ion 216.00 (215.70 to 216.70): E

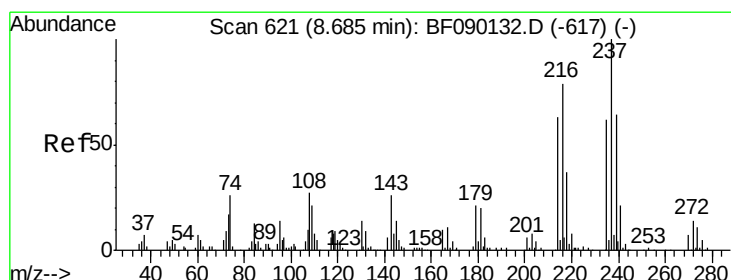
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 35.22 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

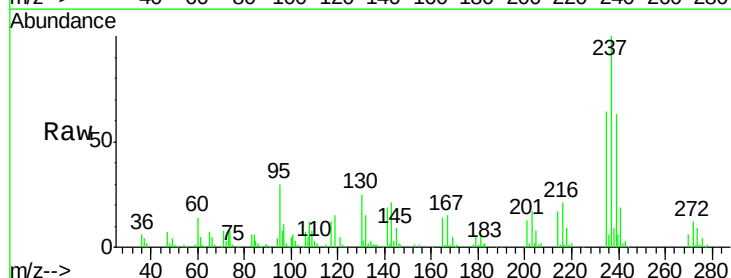
Tgt Ion:237 Resp: 128675

Ion Ratio Lower Upper

237 100

235 64.0 42.5 82.5

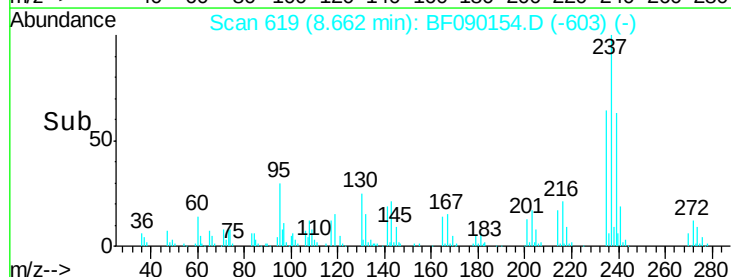
272 11.6 0.0 32.0



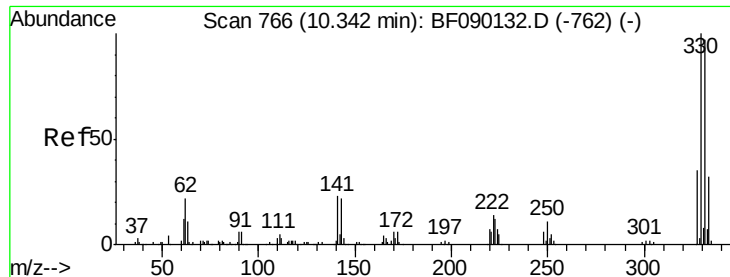
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



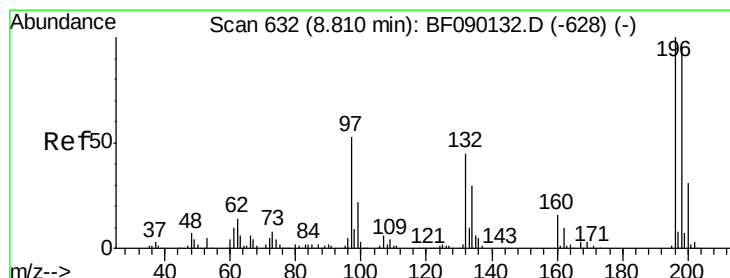
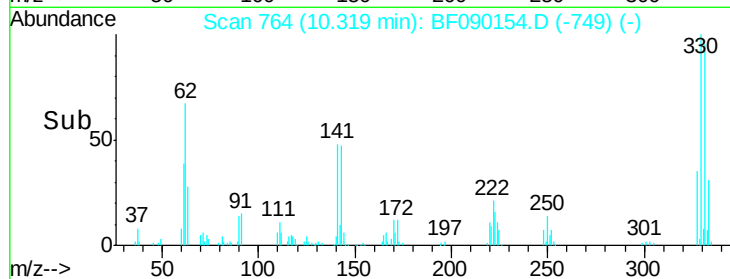
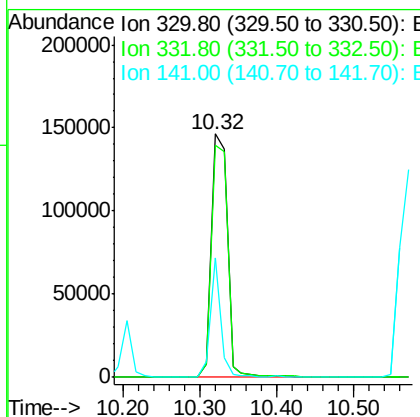
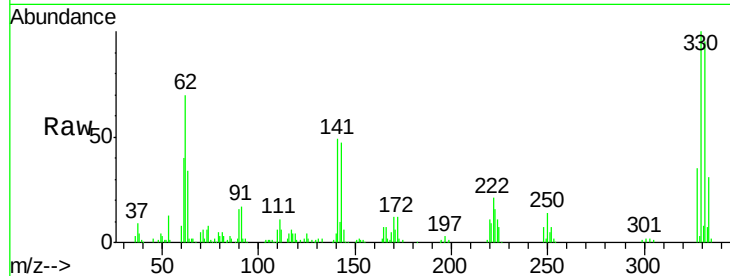
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 76.61 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

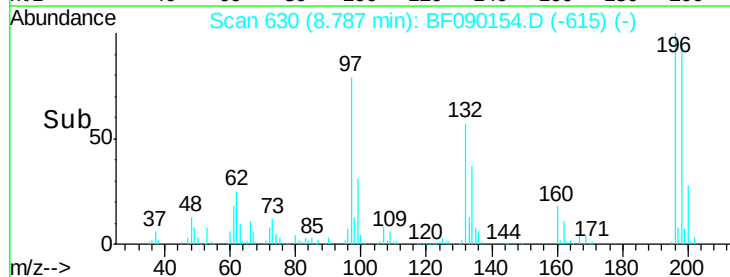
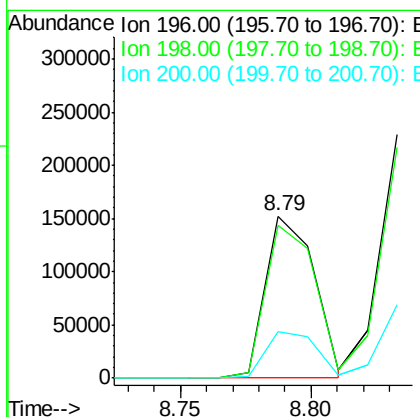
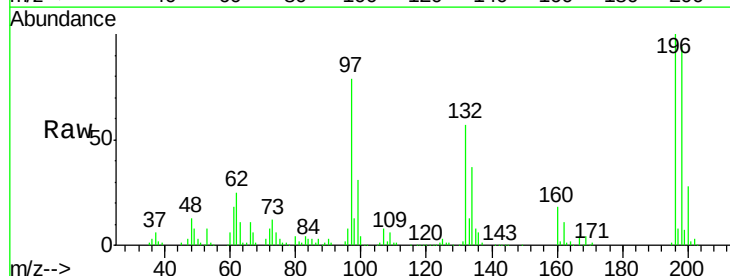
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

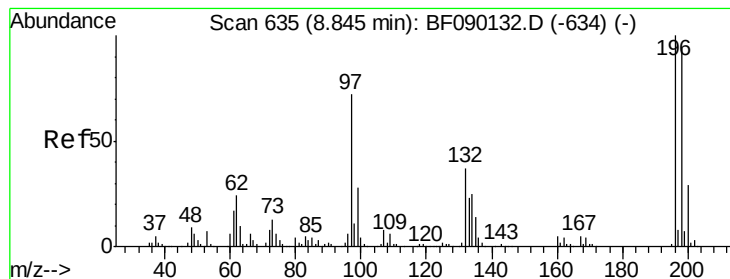
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	31.5	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.60 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.3	114.5
200	28.3	24.1	36.1





#43

2,4,5-Trichlorophenol

Concen: 40.29 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 220082

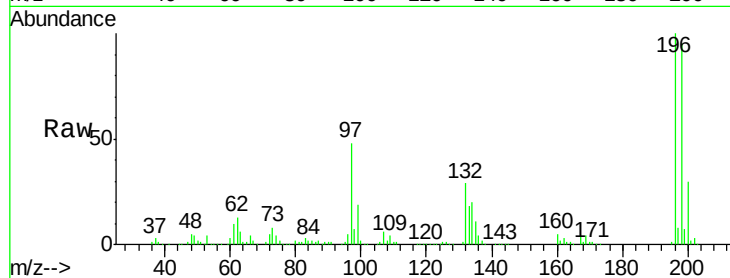
Ion Ratio Lower Upper

196 100

198 94.6 76.6 114.8

97 48.0 34.4 51.6

132 29.5 22.2 33.2

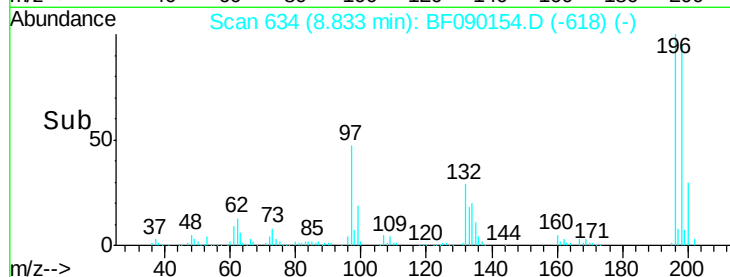


Abundance Ion 196.00 (195.70 to 196.70): E

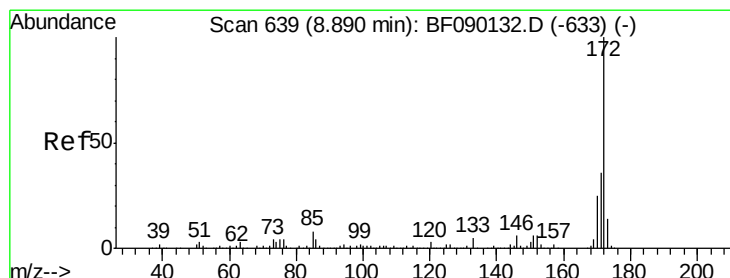
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 77.08 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

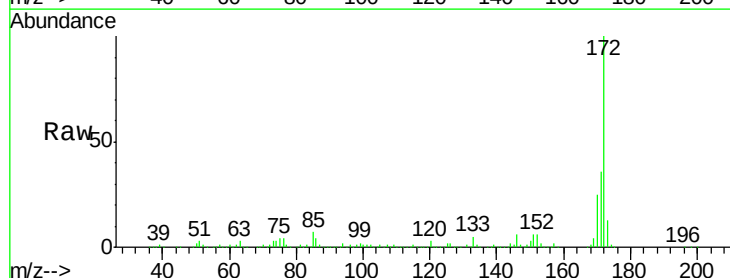
Tgt Ion:172 Resp: 1266326

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

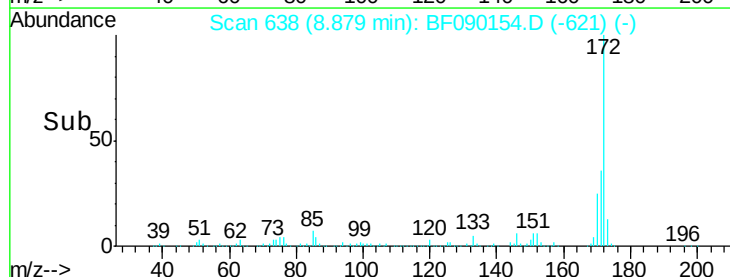
170 24.7 19.8 29.8



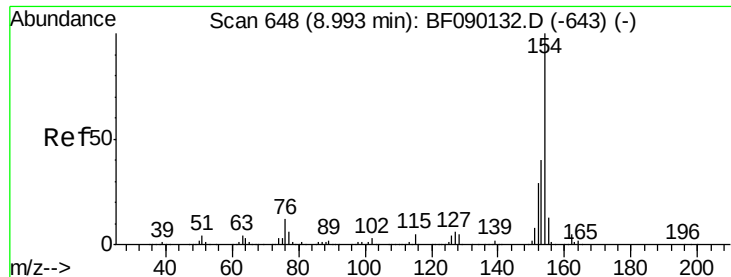
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#45

1,1'-Biphenyl

Concen: 35.05 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

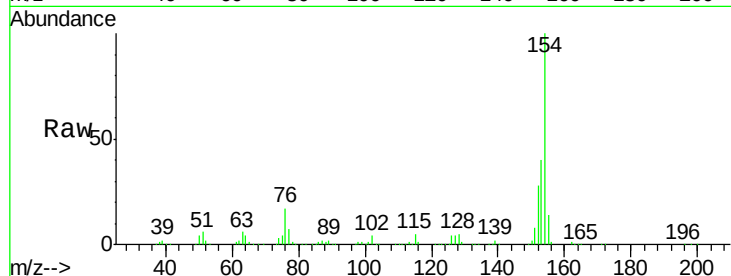
Tot Ion:154 Resp: 808827

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

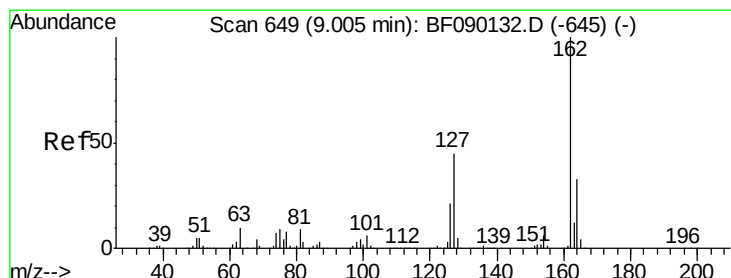
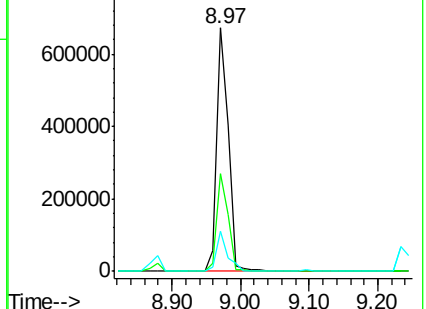
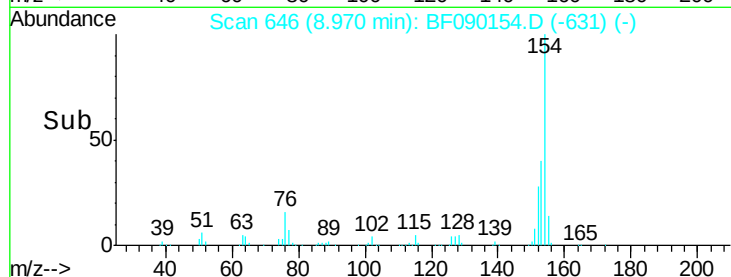
76 16.5 0.0 36.7



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: 38.24 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

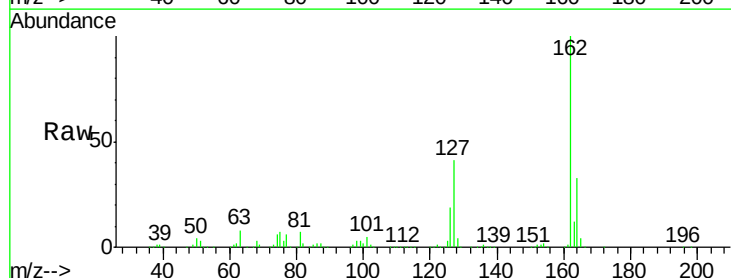
Tgt Ion:162 Resp: 650974

Ion Ratio Lower Upper

162 100

127 41.0 34.0 51.0

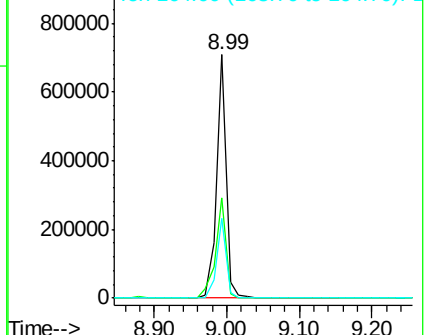
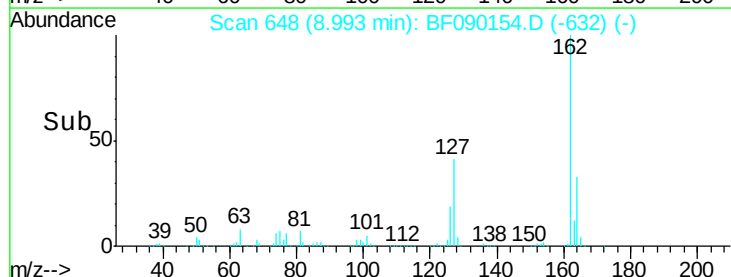
164 32.9 26.8 40.2

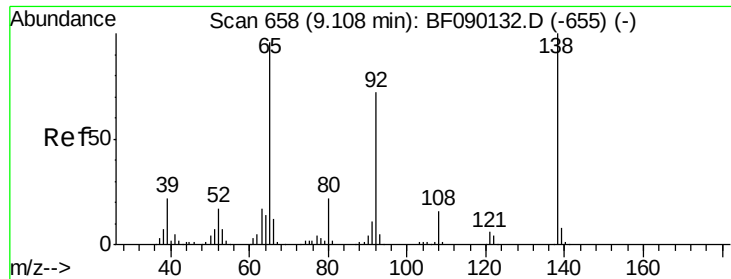


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.05 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

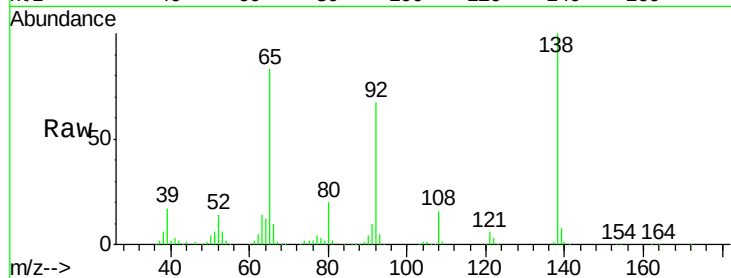
Tot Ion: 65 Resp: 205551

Ion Ratio Lower Upper

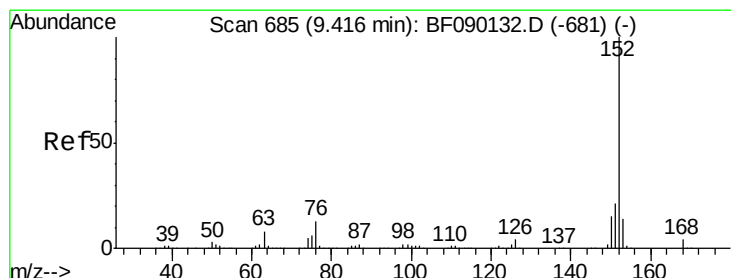
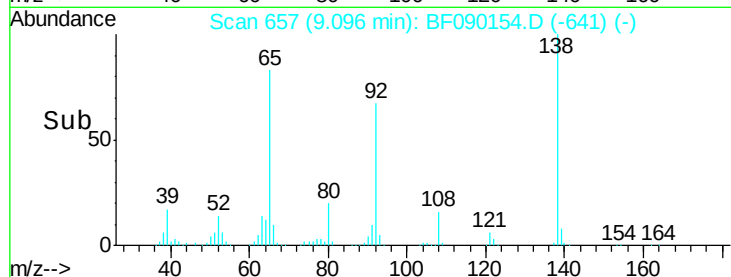
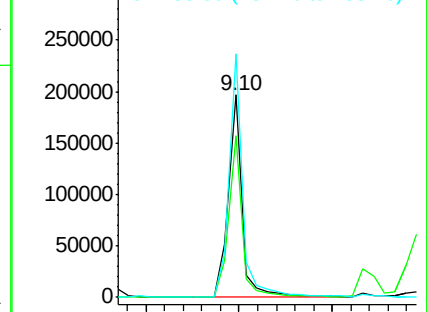
65 100

92 80.0 66.1 99.1

138 120.2 104.1 156.1



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



#48

Acenaphthylene

Concen: 40.50 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

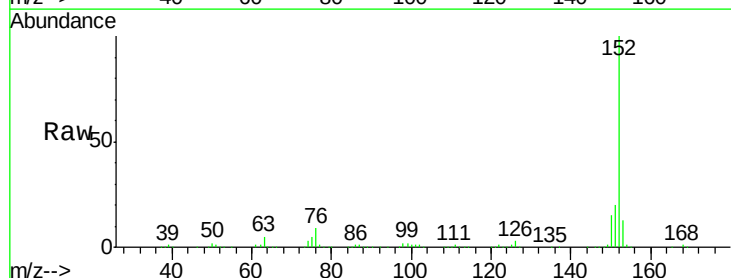
Tgt Ion: 152 Resp: 1119601

Ion Ratio Lower Upper

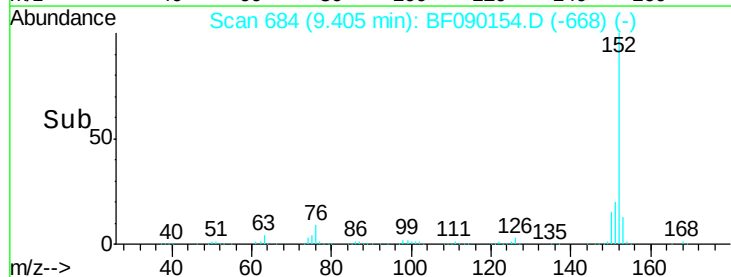
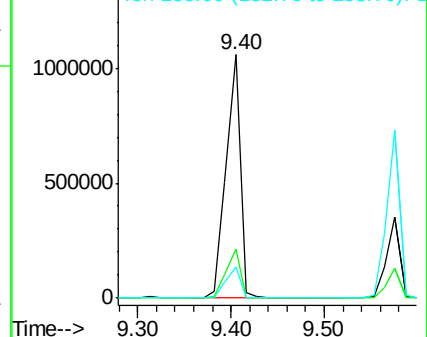
152 100

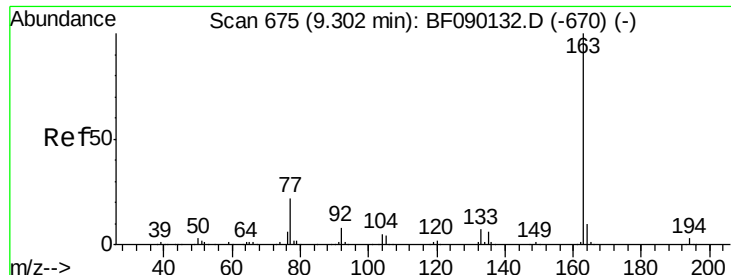
151 20.2 16.5 24.7

153 13.0 10.6 15.8



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

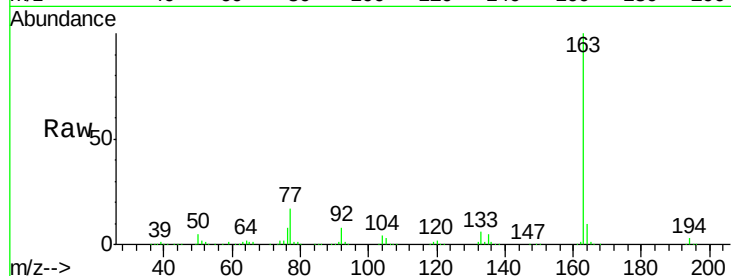




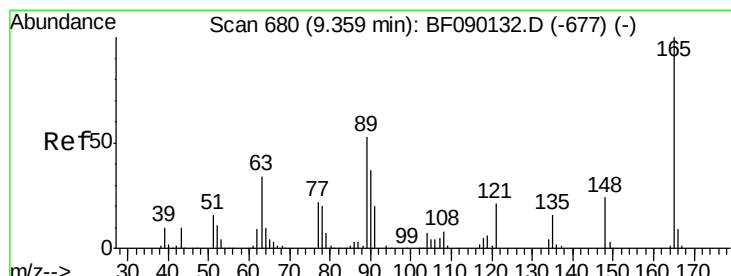
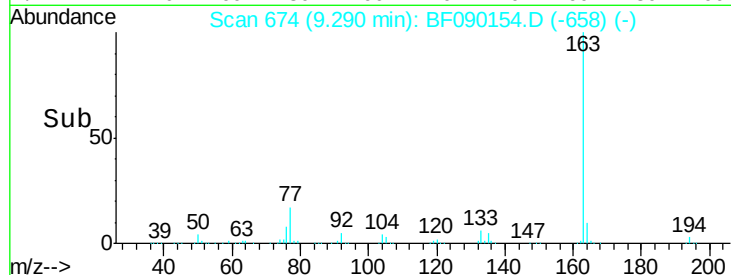
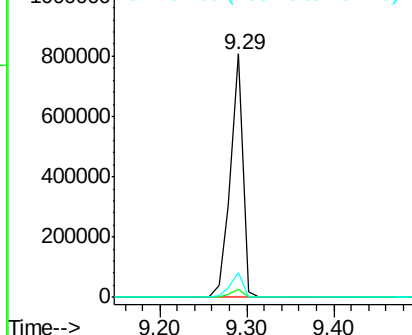
#49
Dimethylphthalate
Concen: 39.27 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 806658
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.1 12.1

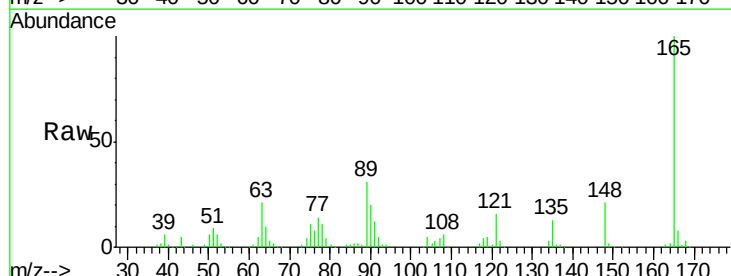


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

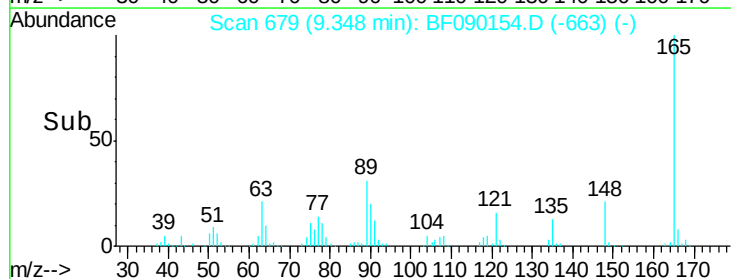
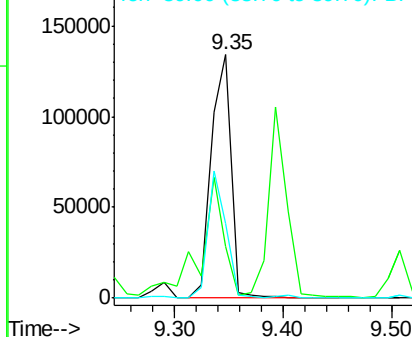


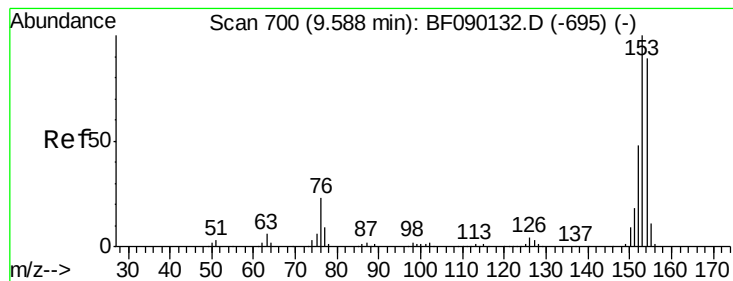
#50
2,6-Dinitrotoluene
Concen: 37.65 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion:165 Resp: 172363
Ion Ratio Lower Upper
165 100
63 21.3 49.9 74.9#
89 30.9 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: 38.88 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

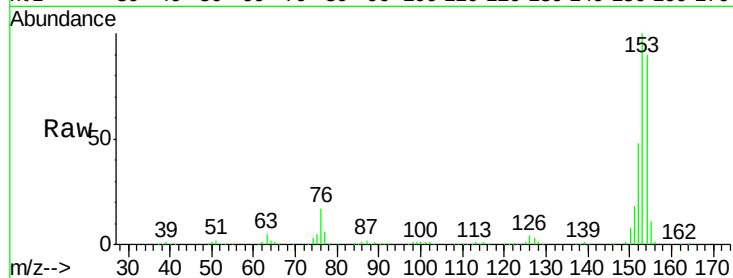
Tot Ion:154 Resp: 638067

Ion Ratio Lower Upper

154 100

153 111.5 90.8 136.2

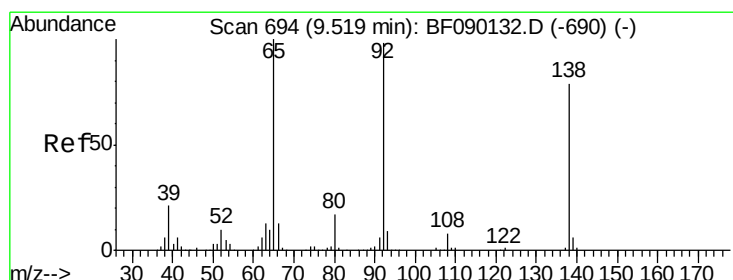
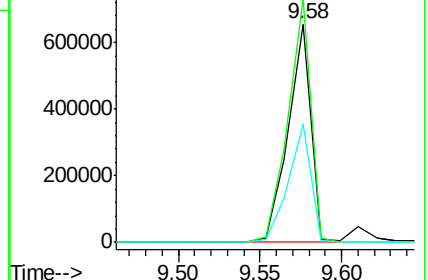
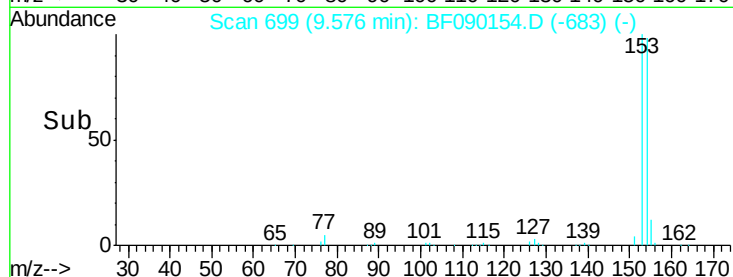
152 54.0 44.2 66.4



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: 40.24 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

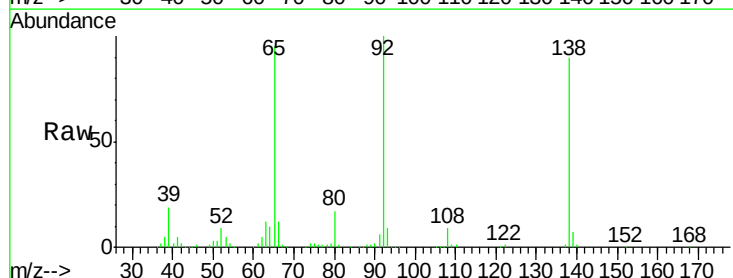
Tgt Ion:138 Resp: 216000

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

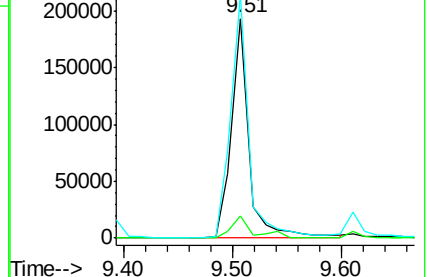
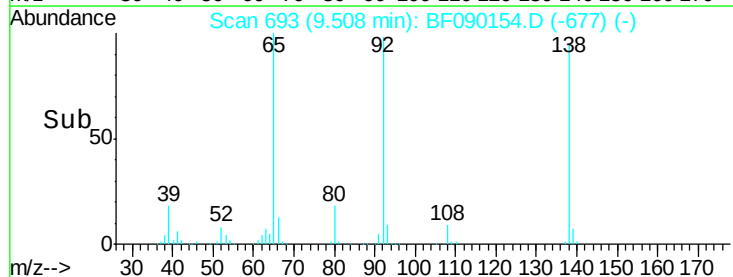
92 110.7 90.7 136.1

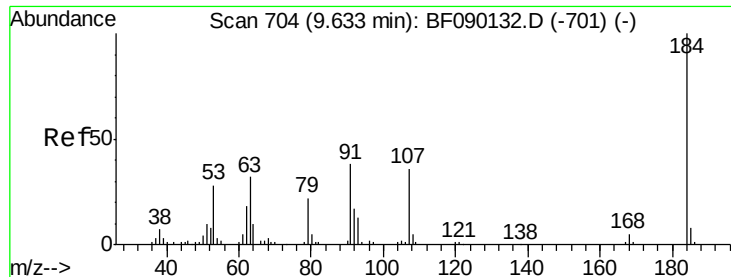


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

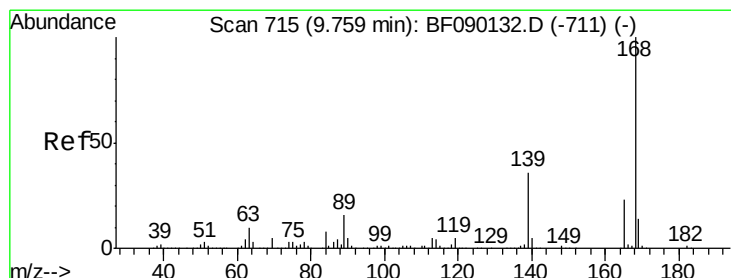
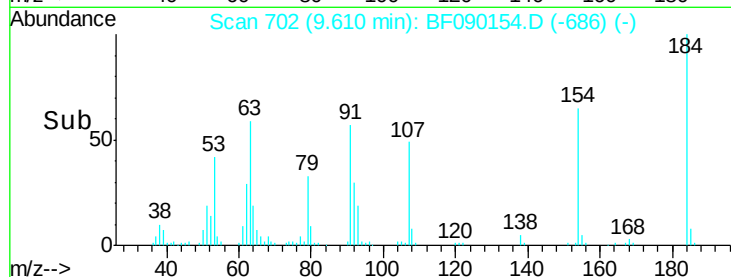
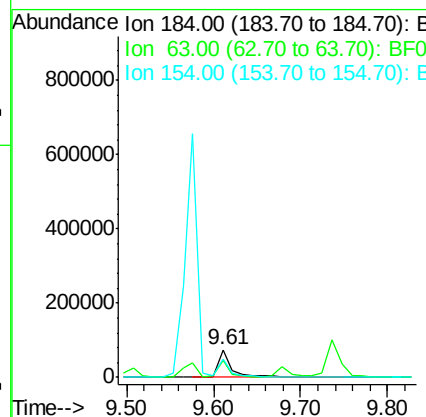
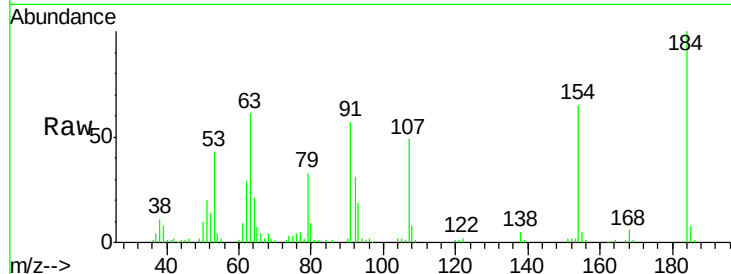




#53
 2,4-Dinitrophenol
 Concen: 33.89 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

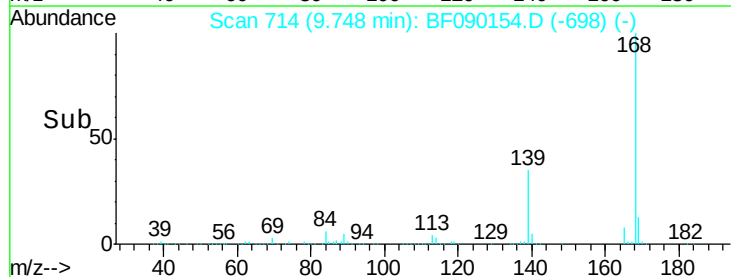
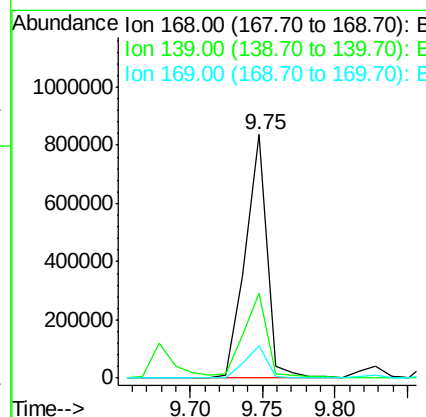
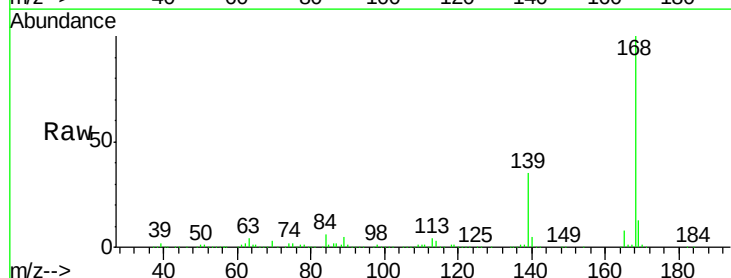
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

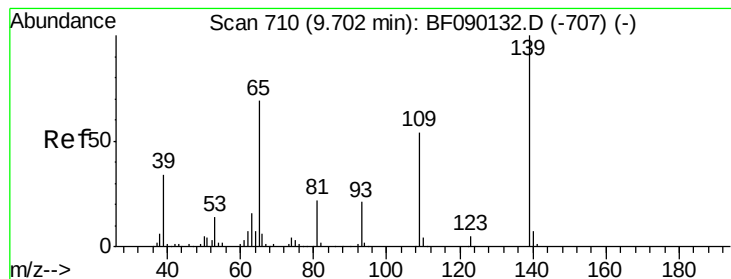
Tot Ion:184 Resp: 81962
 Ion Ratio Lower Upper
 184 100
 63 61.1 44.6 67.0
 154 64.9 49.7 74.5



#54
 Dibenzofuran
 Concen: 40.32 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion:168 Resp: 870757
 Ion Ratio Lower Upper
 168 100
 139 34.9 28.8 43.2
 169 13.3 10.7 16.1





#55

4-Nitrophenol

Concen: 36.97 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

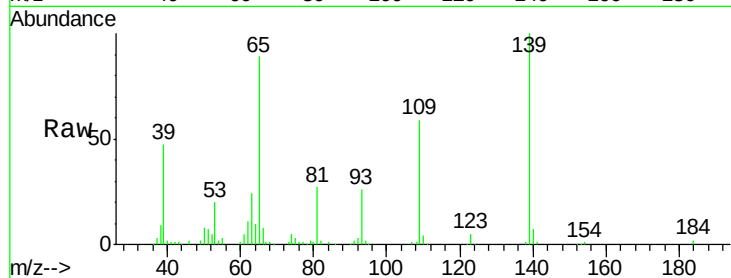
Tot Ion:139 Resp: 135950

Ion Ratio Lower Upper

139 100

109 59.4 35.6 75.6

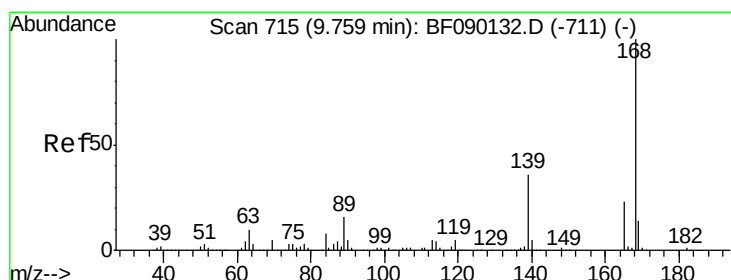
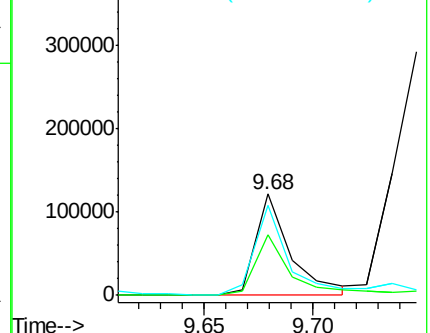
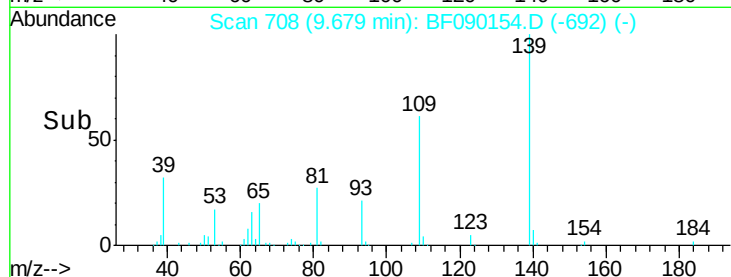
65 88.6 55.5 95.5



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: 35.13 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Tgt Ion:165 Resp: 190212

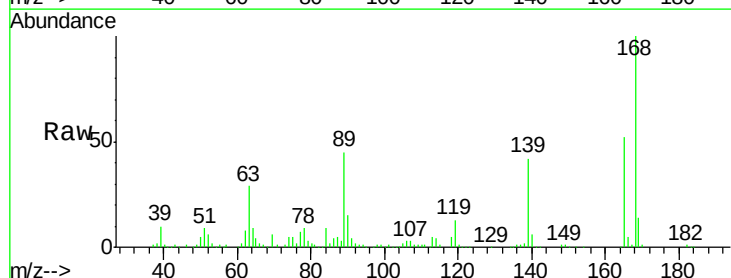
Ion Ratio Lower Upper

165 100

63 54.8 44.4 66.6

89 86.6 70.1 105.1

182 2.0 1.7 2.5

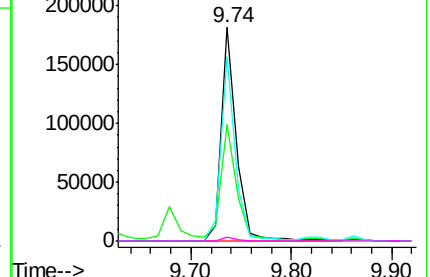
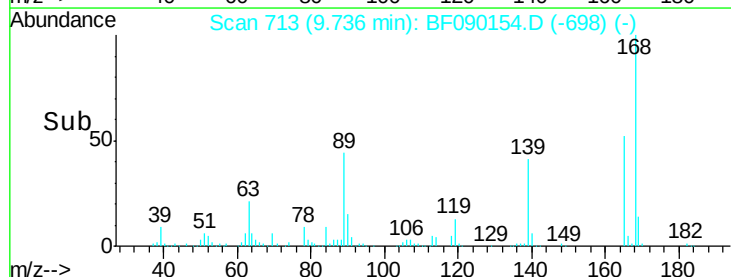


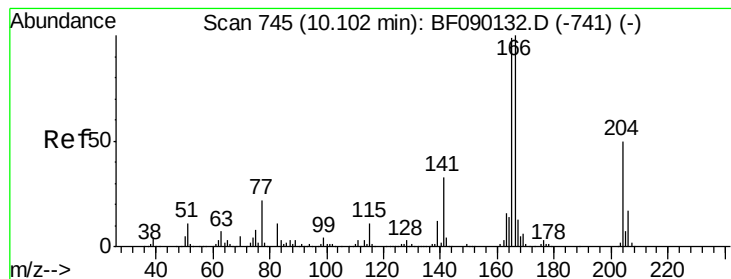
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.36 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

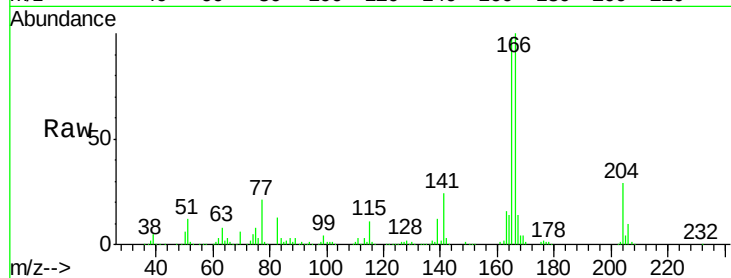
Tot Ion:166 Resp: 624351

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

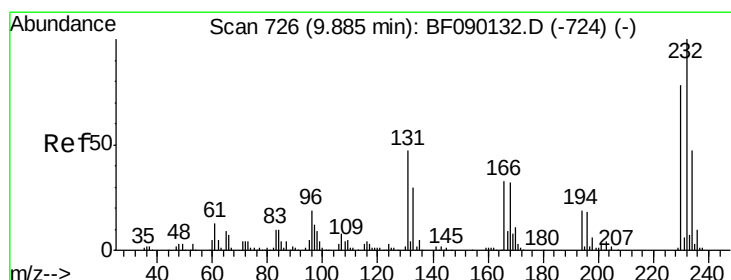
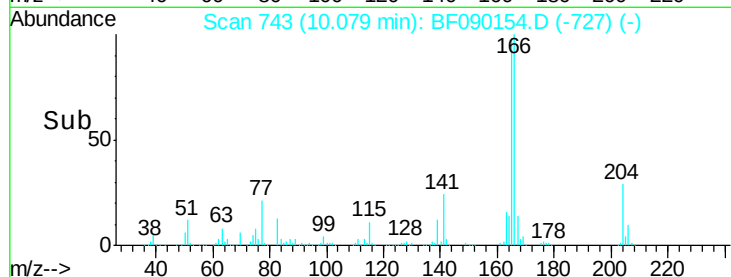
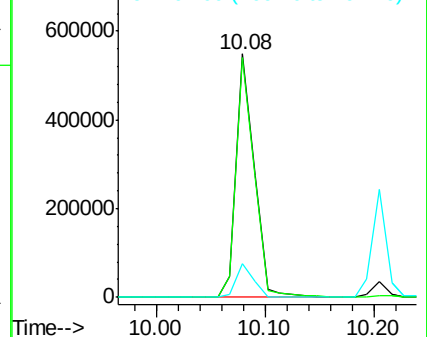
167 14.0 11.2 16.8



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: 36.30 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Tgt Ion:232 Resp: 148469

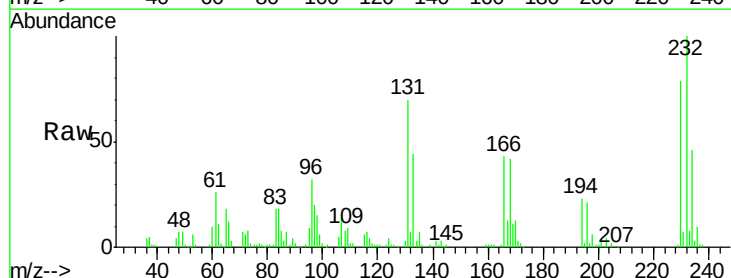
Ion Ratio Lower Upper

232 100

131 50.9 42.2 63.4

130 2.1 1.9 2.9

166 33.4 26.4 39.6

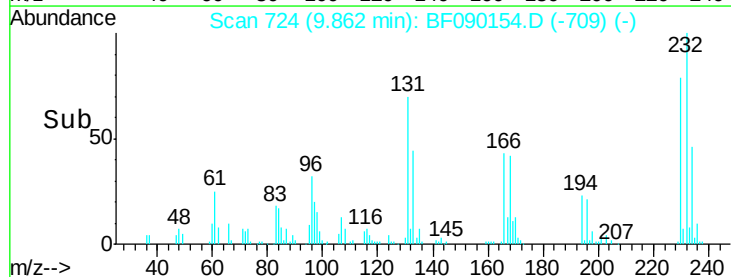
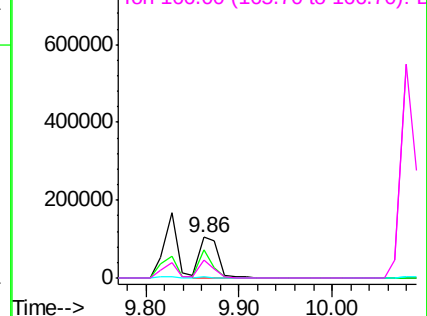


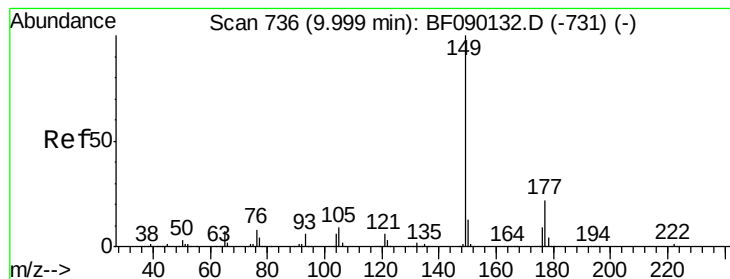
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.25 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

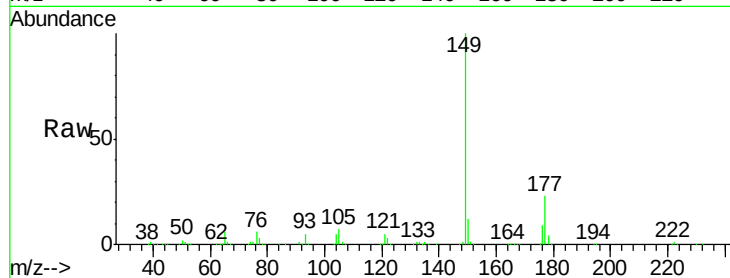
Tot Ion:149 Resp: 739062

Ion Ratio Lower Upper

149 100

177 23.1 15.8 23.6

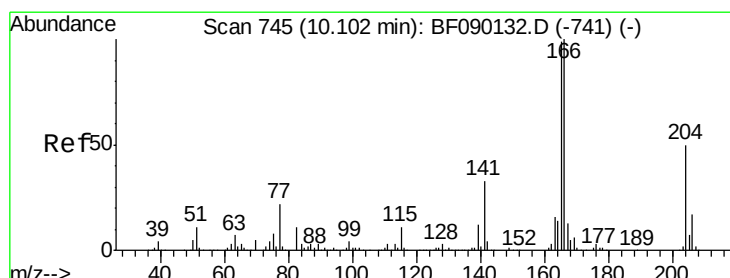
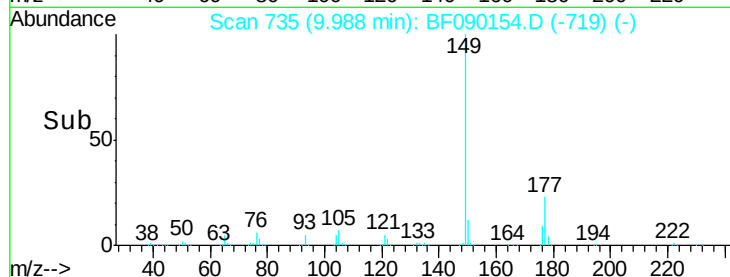
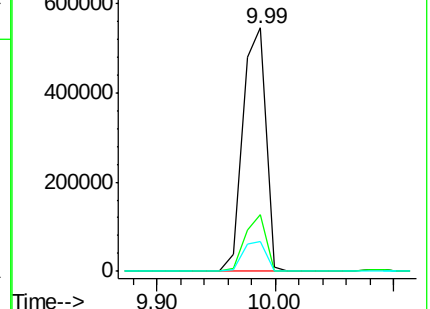
150 12.2 10.4 15.6



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: 36.79 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

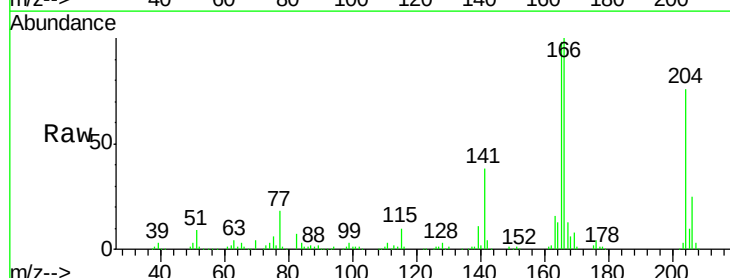
Tgt Ion:204 Resp: 272996

Ion Ratio Lower Upper

204 100

206 32.8 25.6 38.4

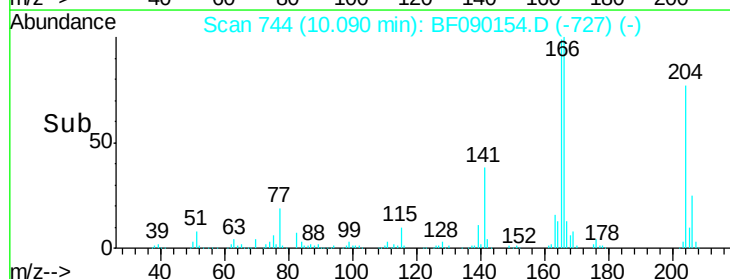
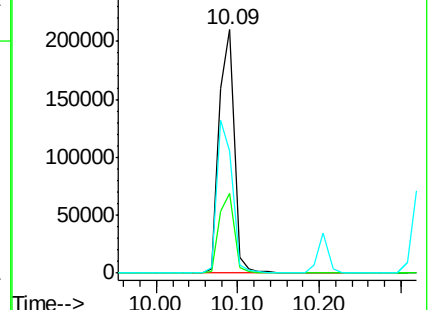
141 49.9 64.4 96.6#

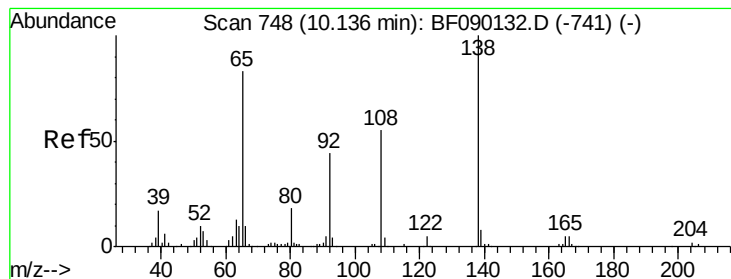


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

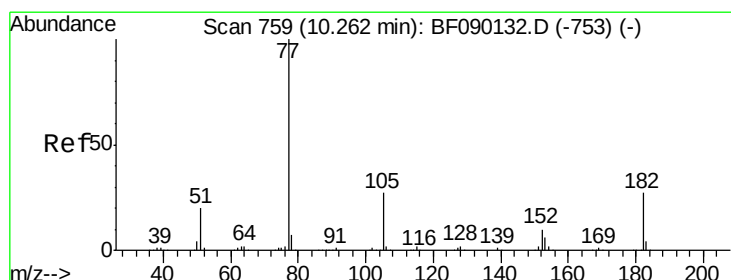
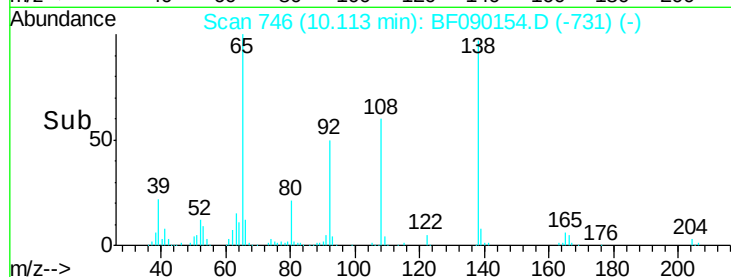
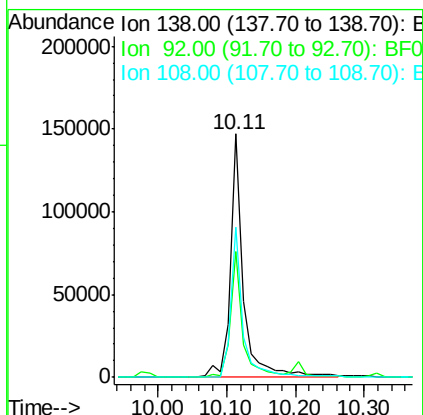
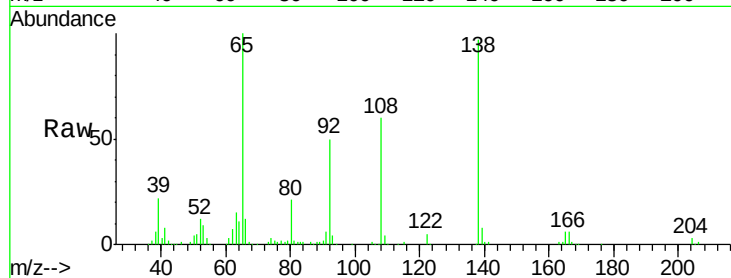




#61
 4-Nitroaniline
 Concen: 36.23 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

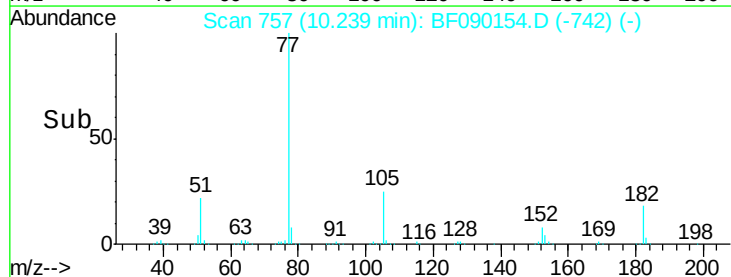
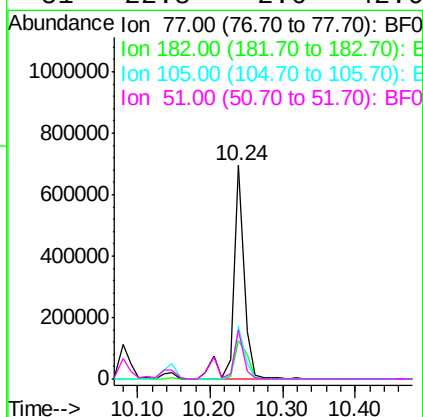
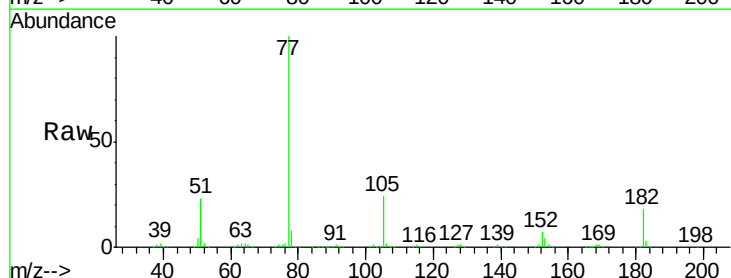
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

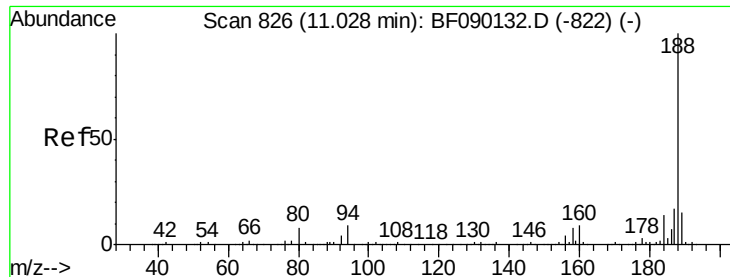
Tot Ion:138 Resp: 198240
 Ion Ratio Lower Upper
 138 100
 92 51.6 23.8 63.8
 108 61.6 35.0 75.0



#62
 Azobenzene
 Concen: 34.38 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion: 77 Resp: 709945
 Ion Ratio Lower Upper
 77 100
 182 18.0 0.0 38.4
 105 24.5 3.8 43.8
 51 22.8 2.6 42.6

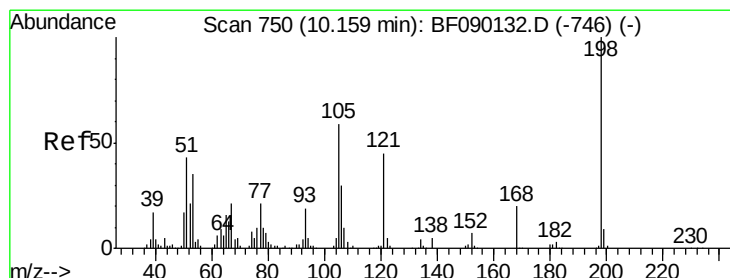
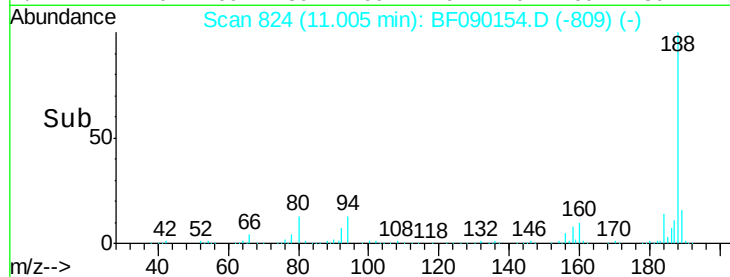
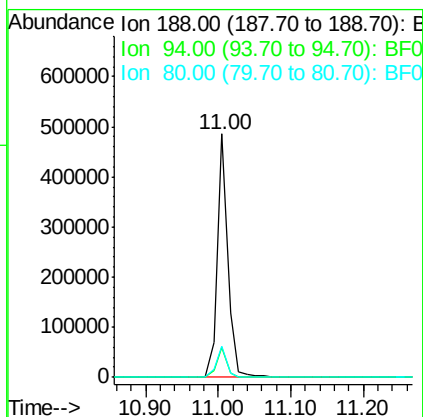
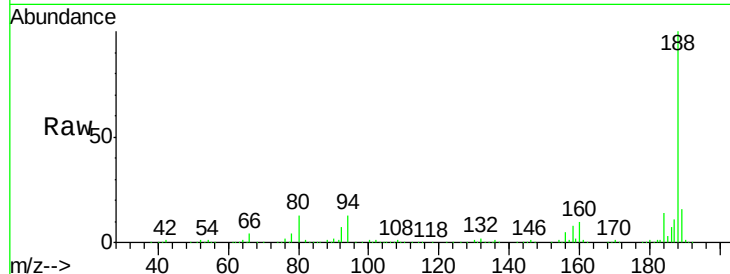




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

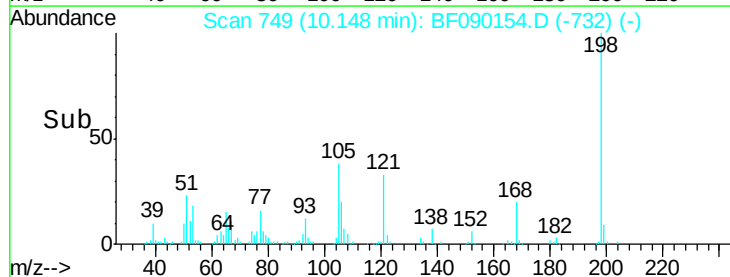
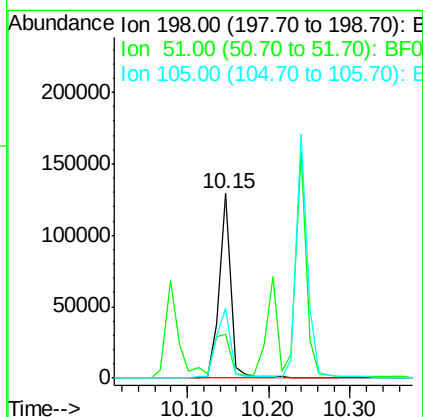
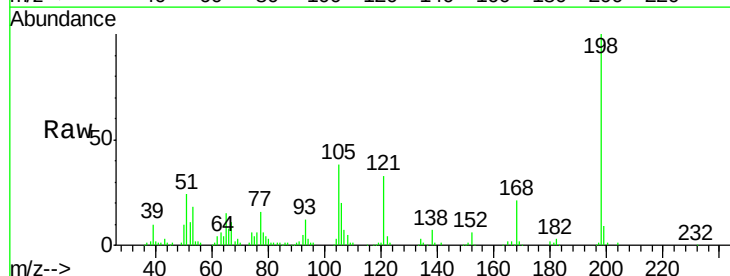
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

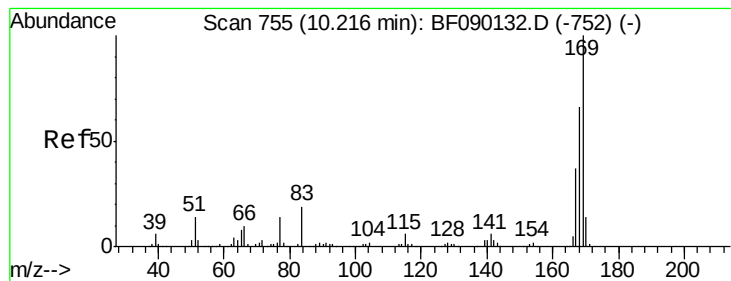
Tot Ion:188 Resp: 491019
 Ion Ratio Lower Upper
 188 100
 94 12.5 10.5 15.7
 80 12.9 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.21 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion:198 Resp: 126746
 Ion Ratio Lower Upper
 198 100
 51 23.6 5.5 45.5
 105 37.8 21.8 61.8

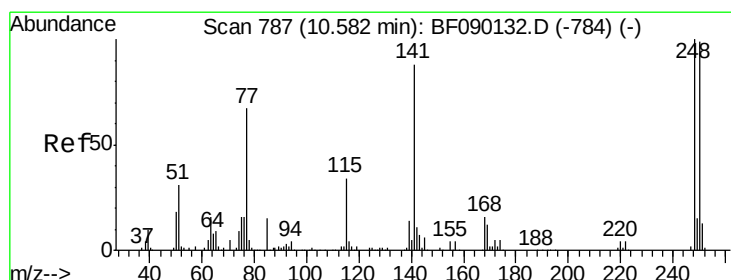
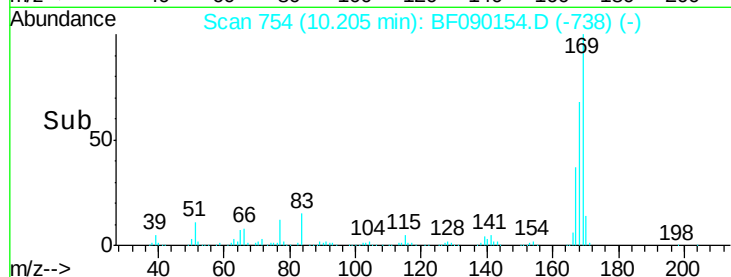
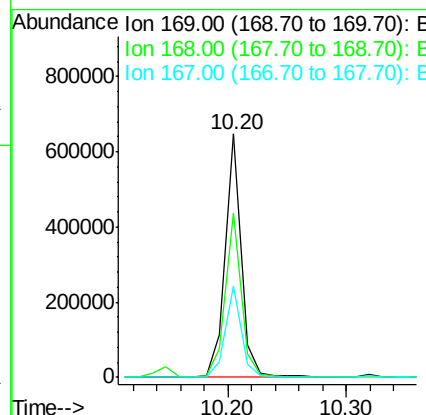
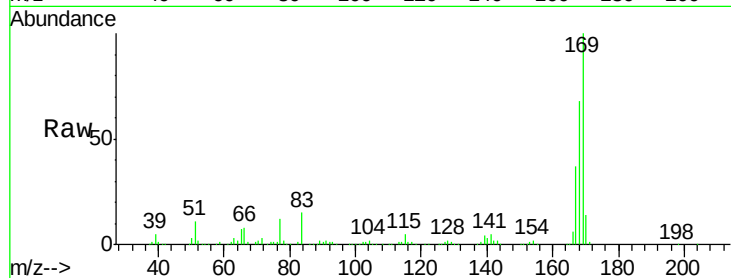




#65
 n-Nitrosodiphenylamine
 Concen: 37.47 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

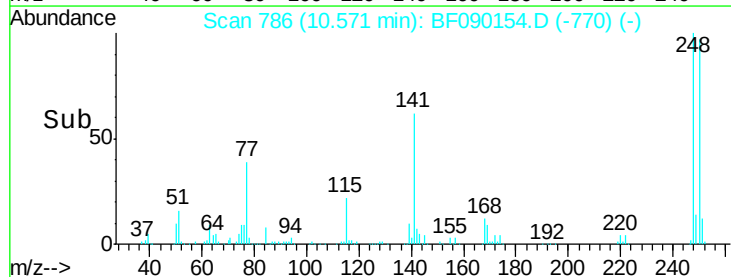
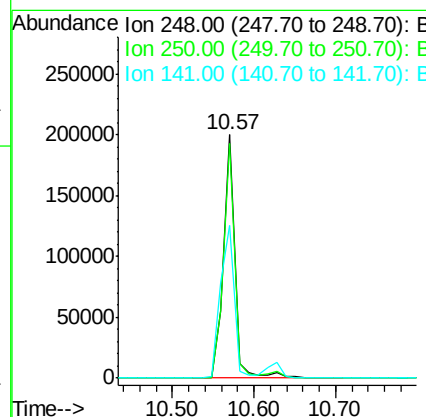
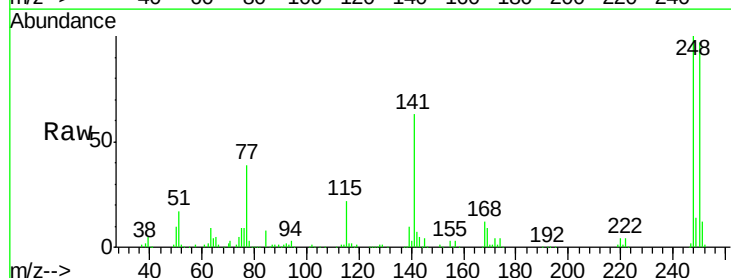
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

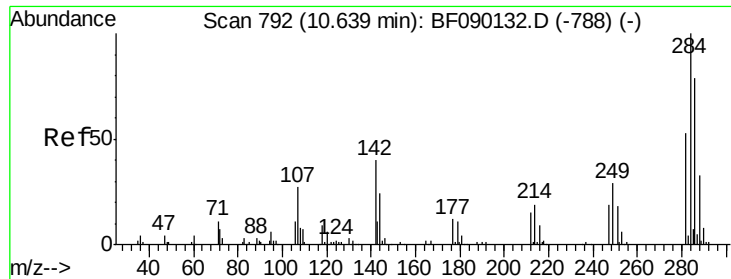
Tot Ion:169 Resp: 604962
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.2 81.4
 167 37.5 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 40.73 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion:248 Resp: 196810
 Ion Ratio Lower Upper
 248 100
 250 96.5 79.4 119.2
 141 62.6 49.3 73.9

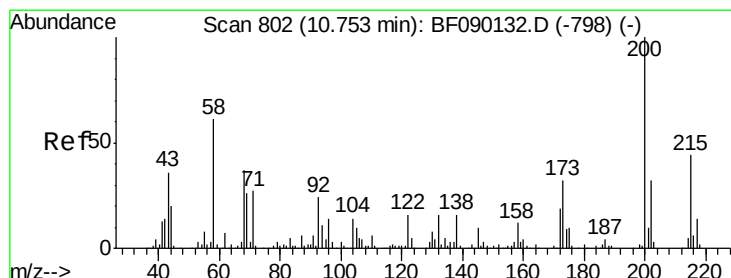
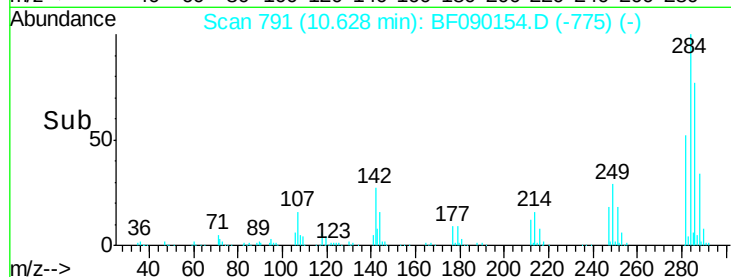
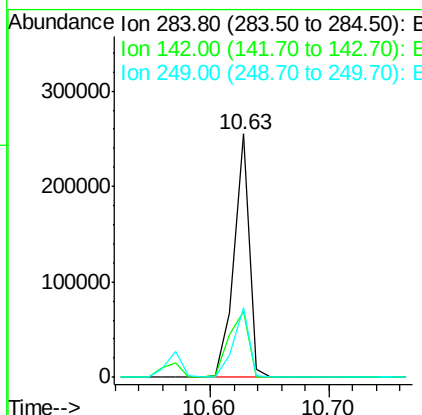
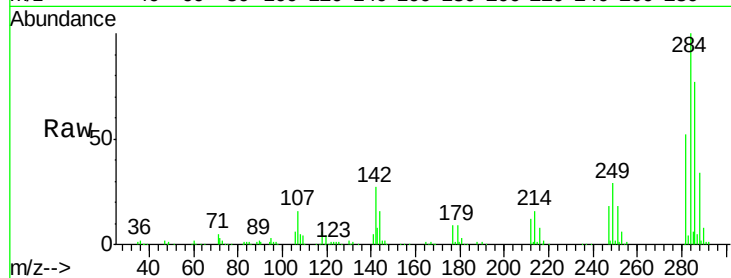




#67
Hexachlorobenzene
Concen: 40.69 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

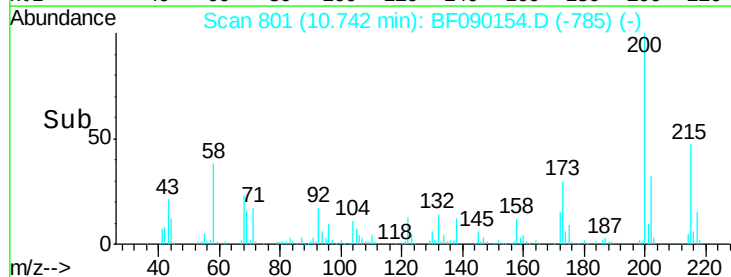
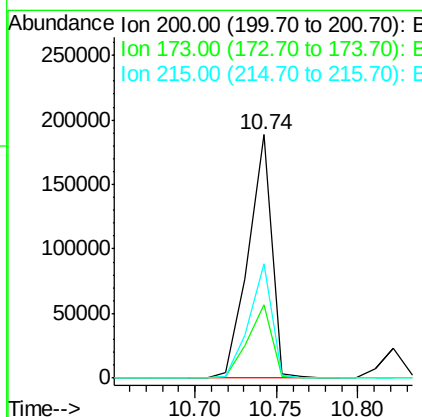
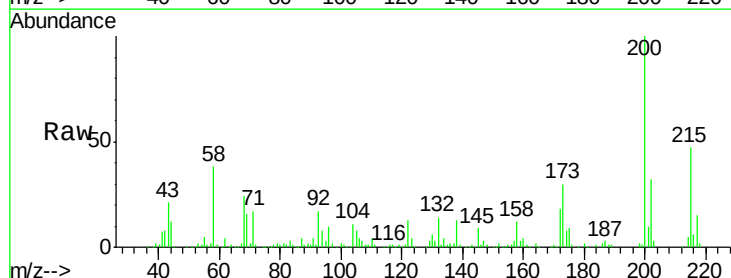
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

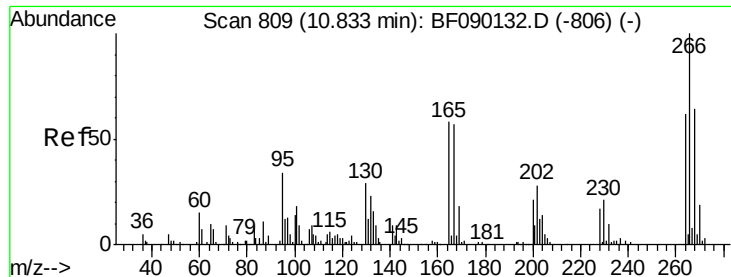
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.2	24.0	36.0
249	28.5	23.8	35.6



#68
Atrazine
Concen: 42.65 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	9.3	49.3
215	46.8	26.1	66.1

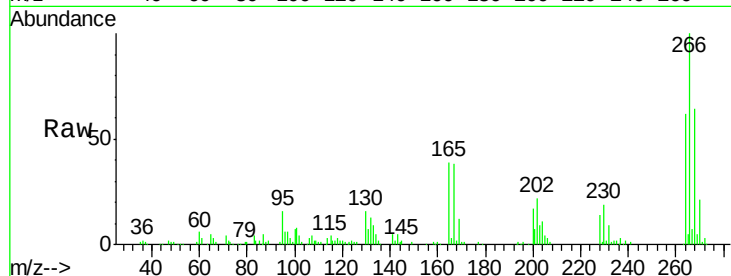




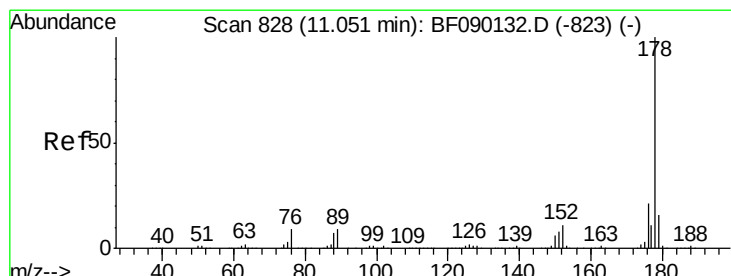
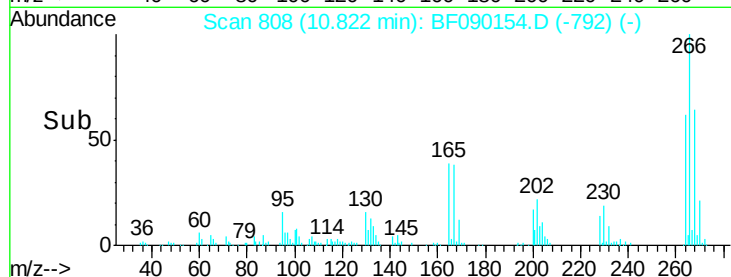
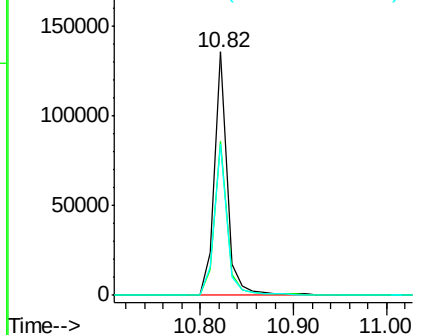
#69
 Pentachlorophenol
 Concen: 41.18 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 131637
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.1 78.1
 264 62.3 50.3 75.5

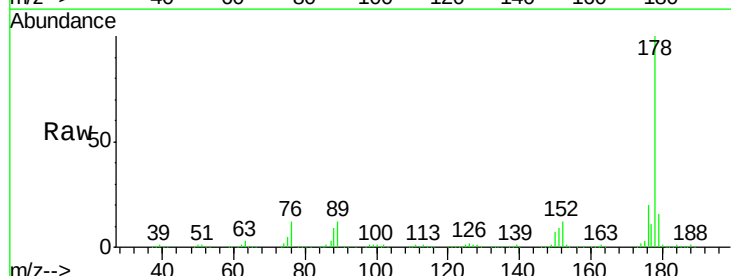


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

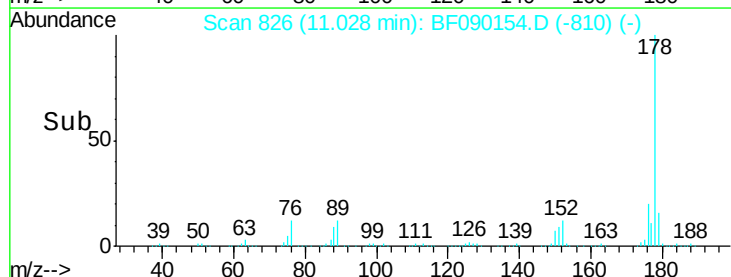
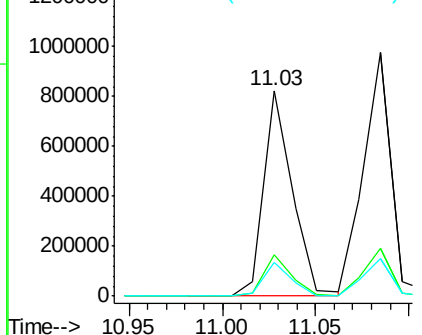


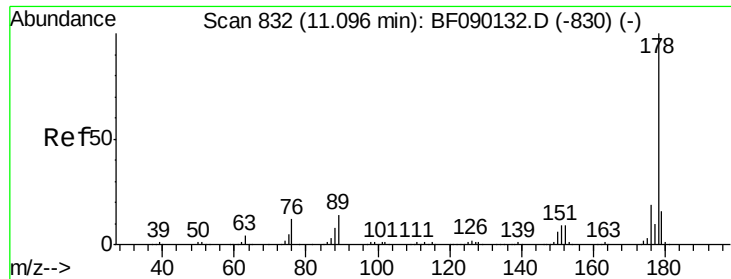
#70
 Phenanthrene
 Concen: 38.10 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion:178 Resp: 875008
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.1 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

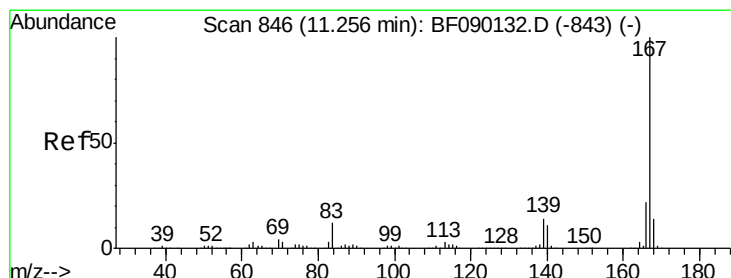
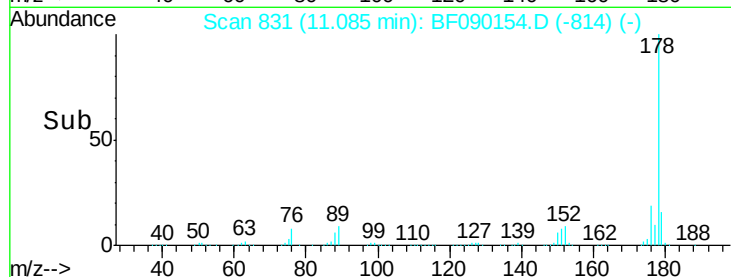
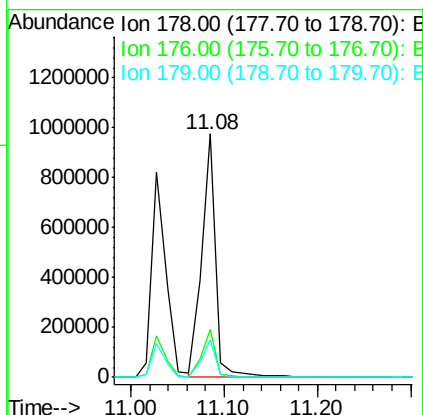
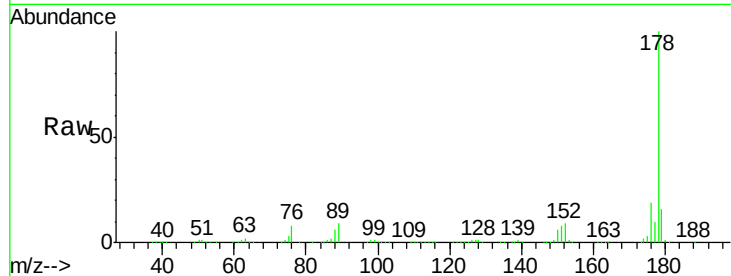




#71
 Anthracene
 Concen: 42.32 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

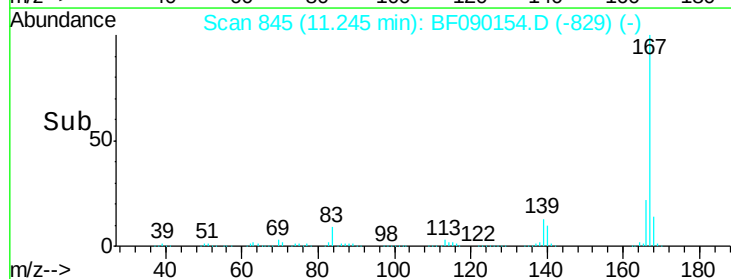
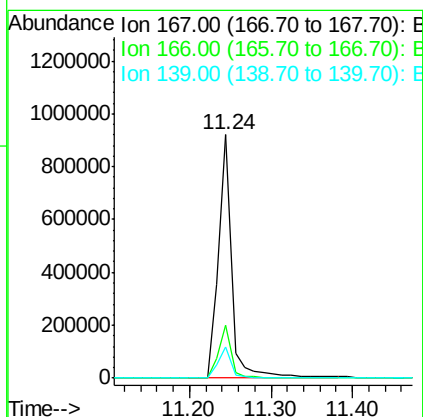
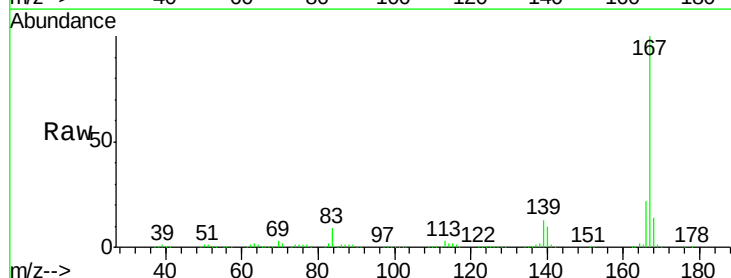
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

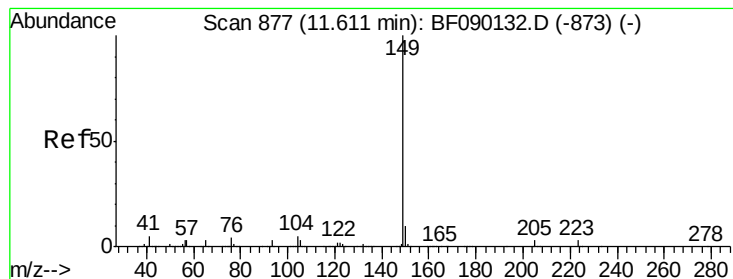
Tot Ion:178 Resp: 1019250
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 40.97 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion:167 Resp: 1043192
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 13.0 10.4 15.6





#73

Di-n-butylphthalate

Concen: 42.93 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

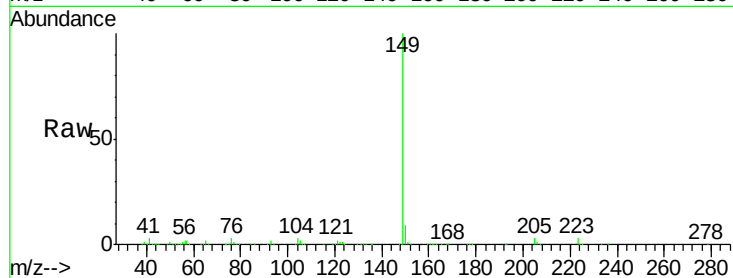
Tot Ion:149 Resp: 1271011

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.8

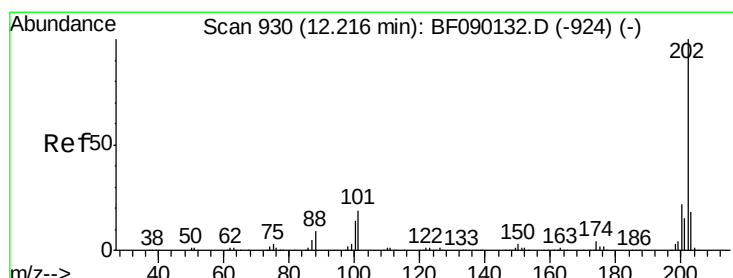
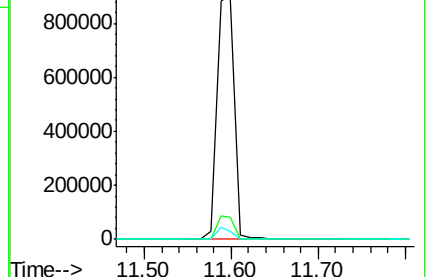
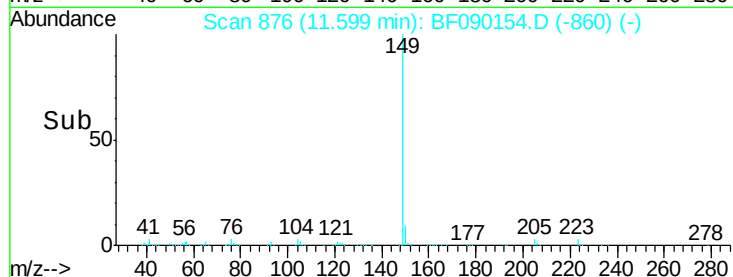
104 3.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.04 ng

RT: 12.20 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

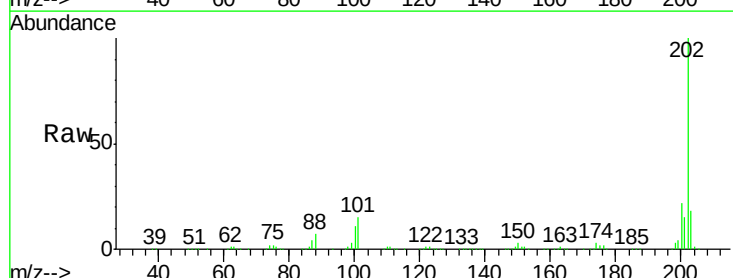
Tgt Ion:202 Resp: 1036221

Ion Ratio Lower Upper

202 100

101 14.9 0.0 36.1

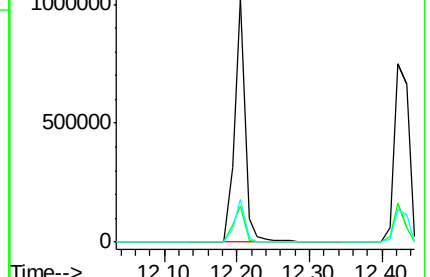
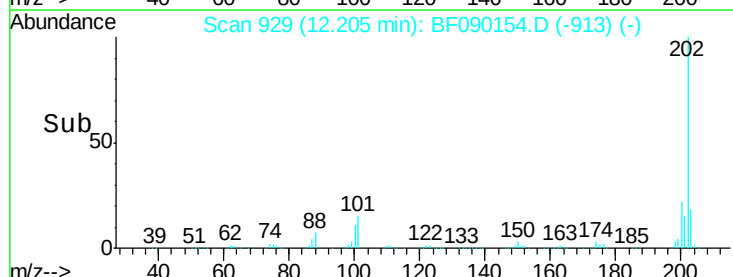
203 17.6 0.0 38.2

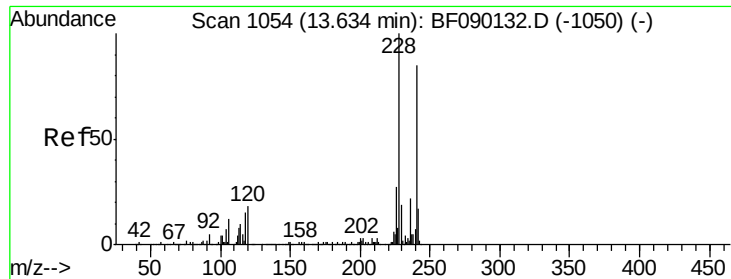


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

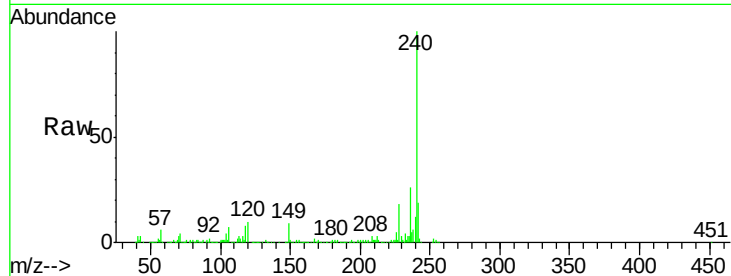
Tot Ion:240 Resp: 405688

Ion Ratio Lower Upper

240 100

120 10.3 10.6 16.0#

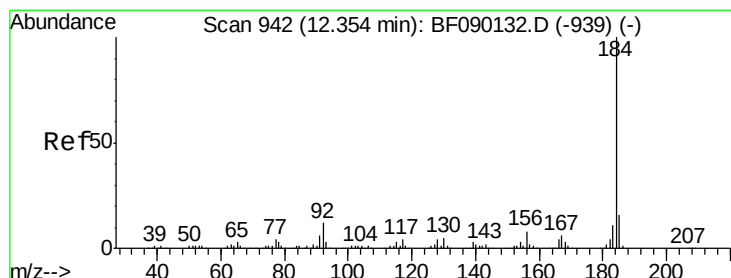
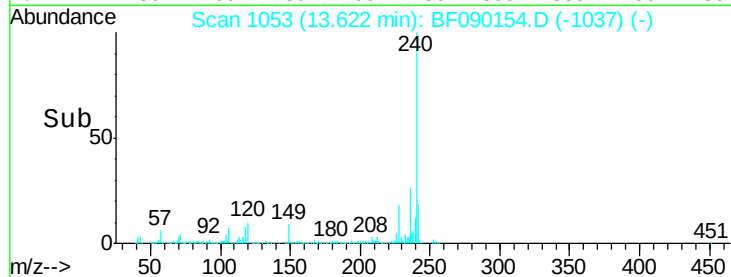
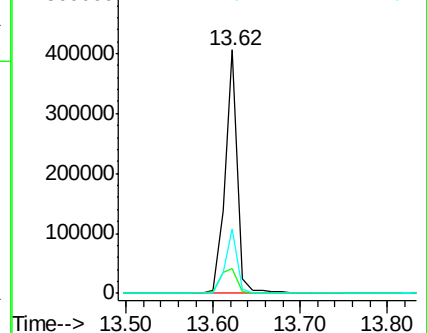
236 26.3 21.6 32.4



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: 34.10 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

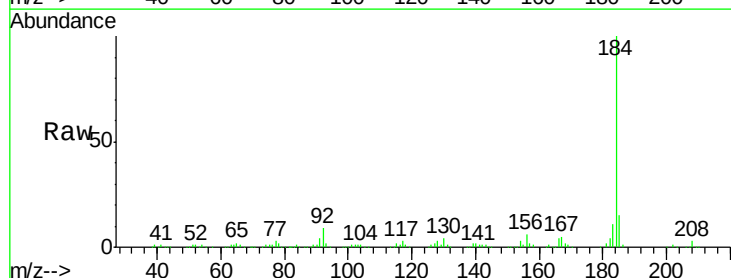
Tgt Ion:184 Resp: 462980

Ion Ratio Lower Upper

184 100

185 15.2 13.2 19.8

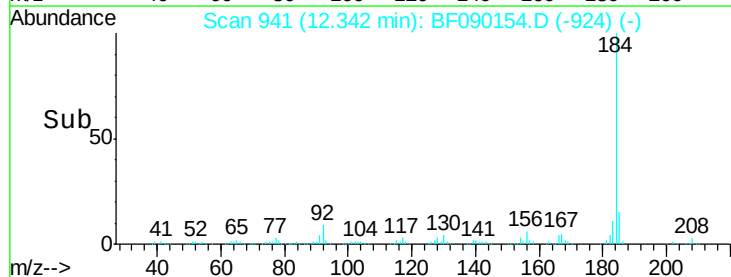
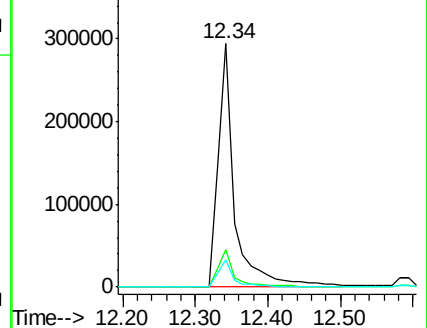
183 11.2 9.2 13.8

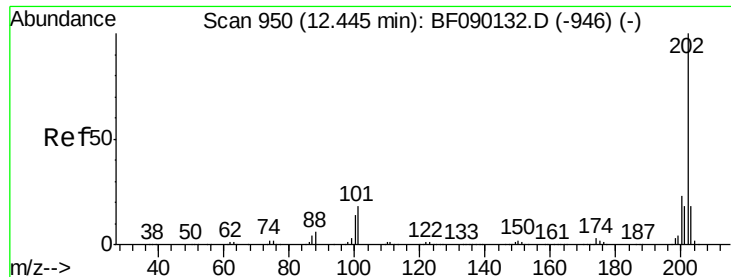


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

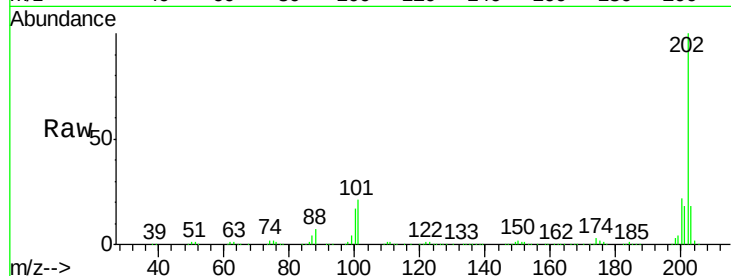




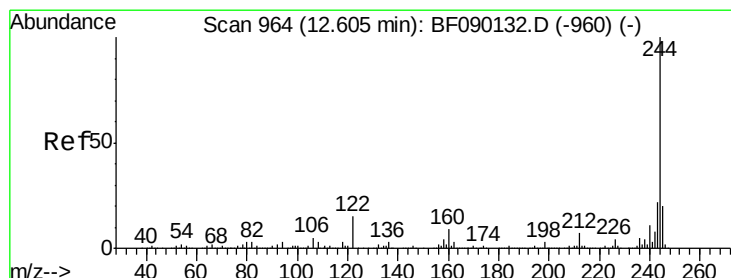
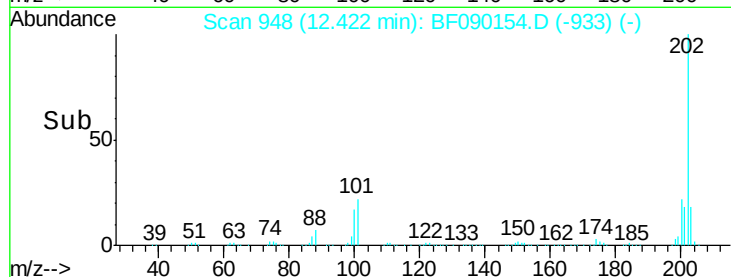
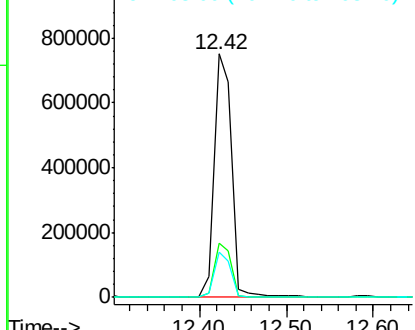
#77
Pvrene
Concen: 37.88 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1051522
Ion Ratio Lower Upper
202 100
200 22.0 17.9 26.9
203 18.4 14.2 21.4

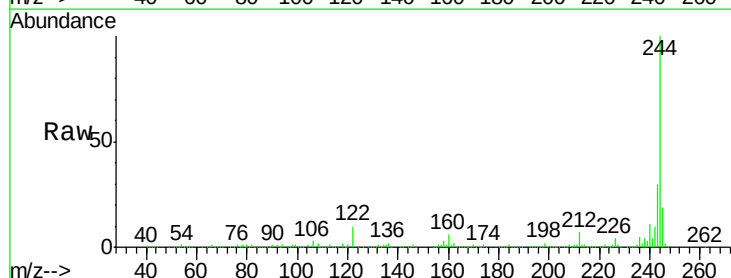


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

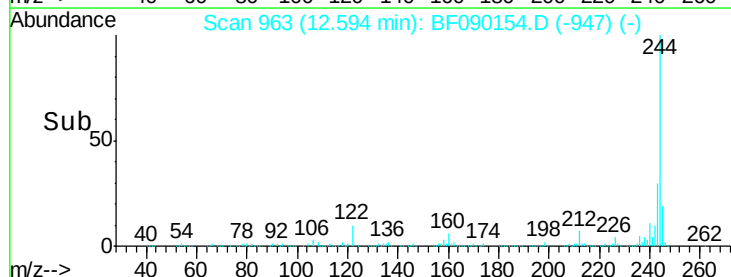
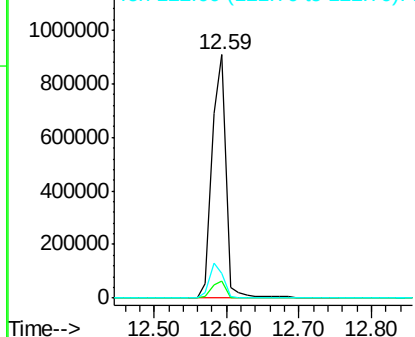


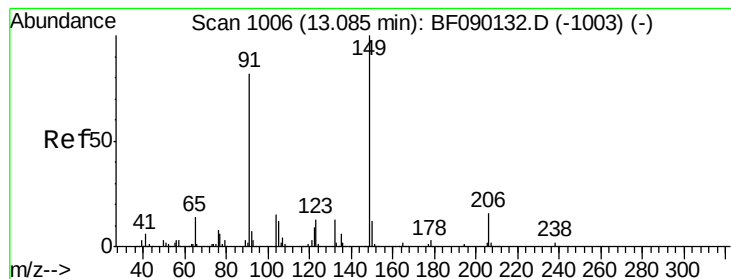
#78
Terphenyl-d14
Concen: 76.02 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion:244 Resp: 1214741
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.1 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: 41.41 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

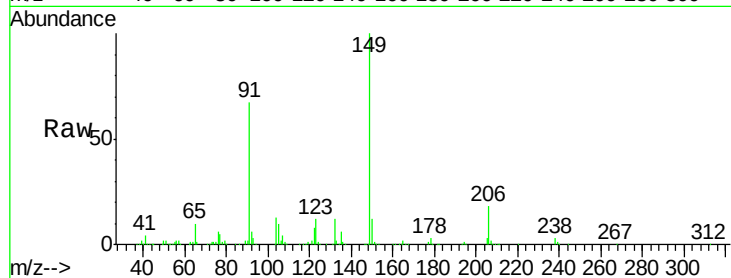
Tot Ion:149 Resp: 562256

Ion Ratio Lower Upper

149 100

91 67.1 49.8 74.6

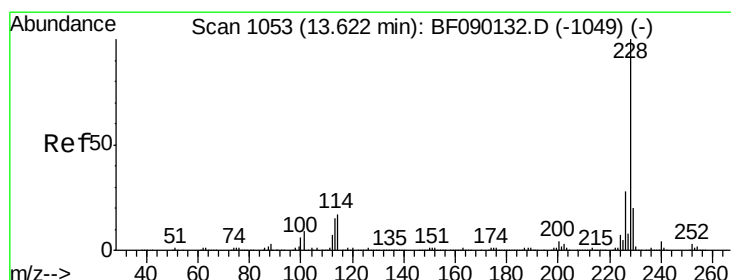
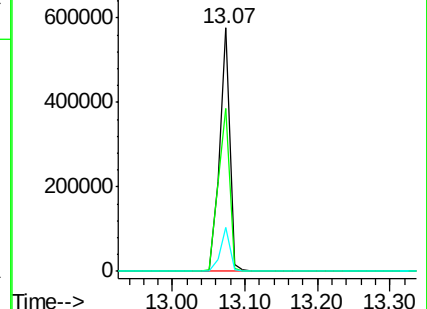
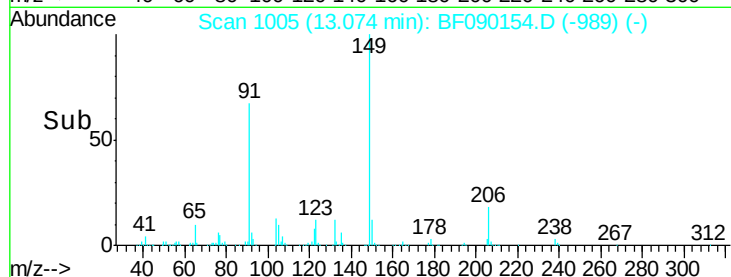
206 17.8 16.3 24.5



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: 36.79 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

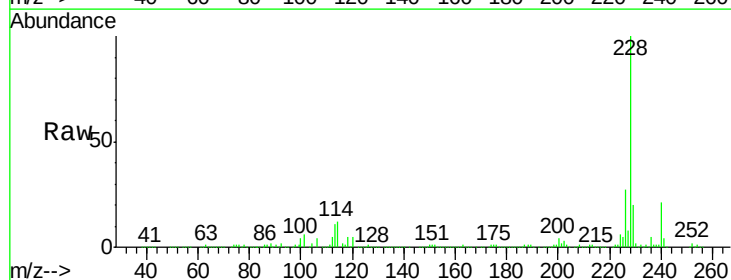
Tgt Ion:228 Resp: 803053

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

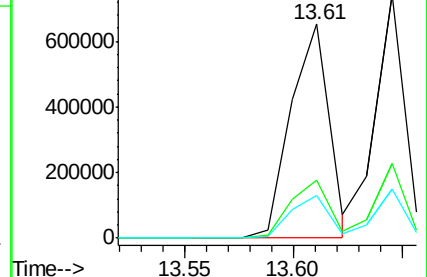
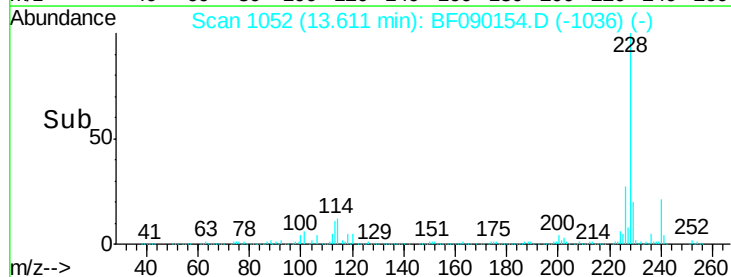
229 20.0 16.2 24.2

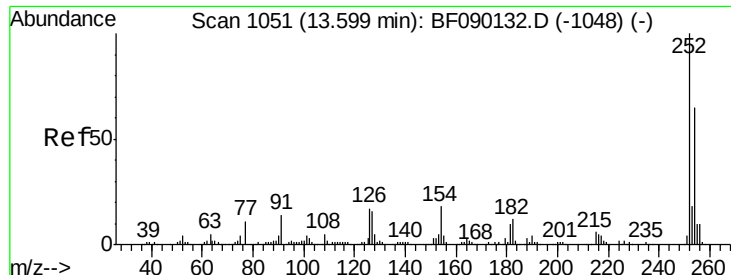


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

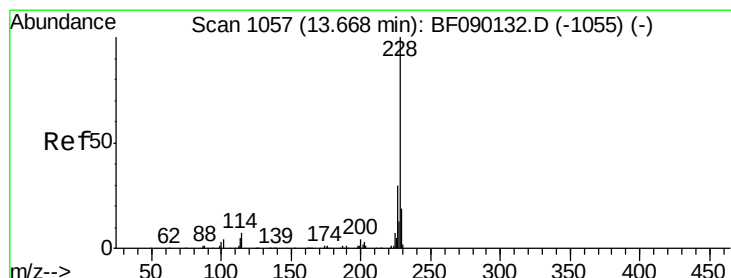
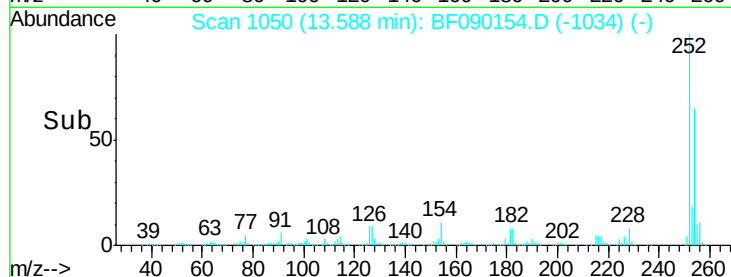
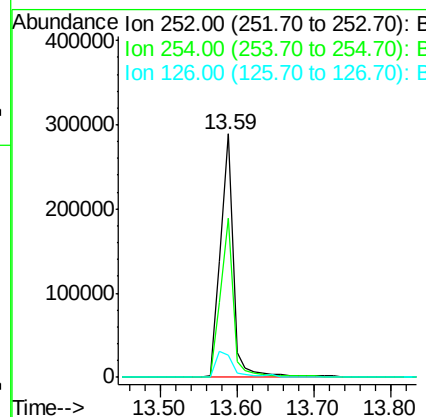
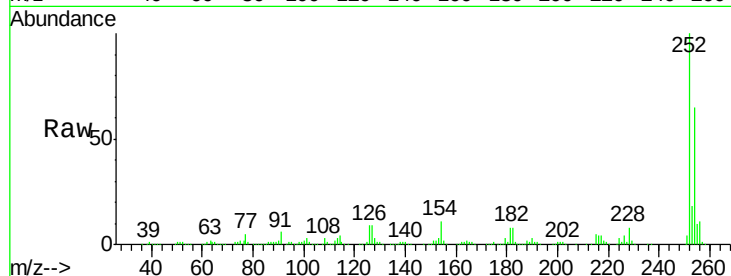




#81
 3,3'-Dichlorobenzidine
 Concen: 38.22 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

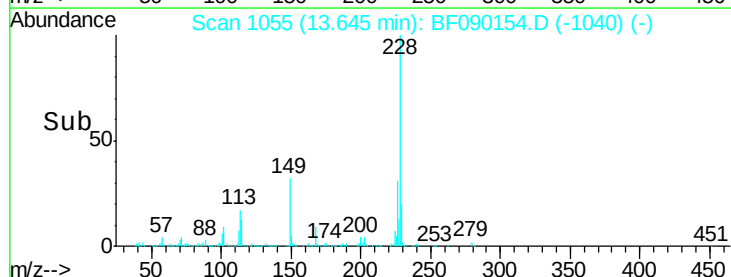
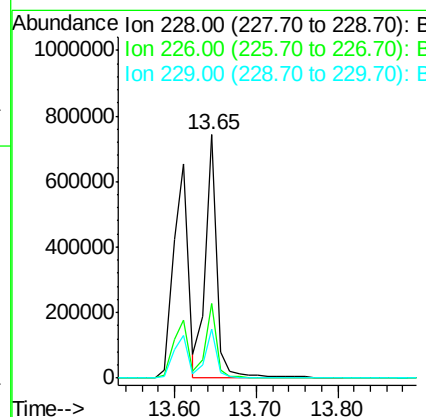
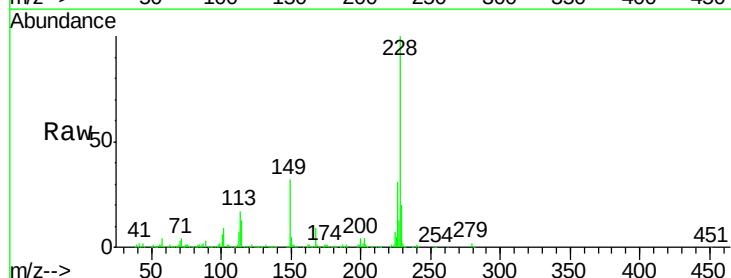
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

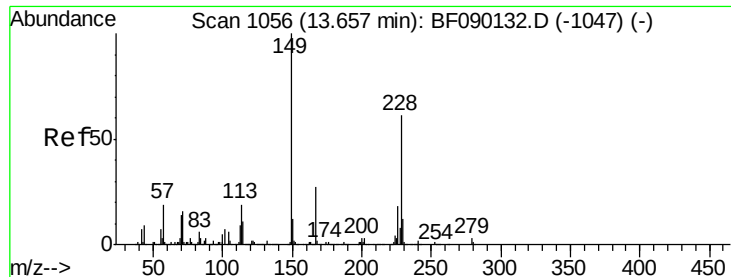
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.7	76.1
126	9.0	9.2	13.8



#82
 Chrysene
 Concen: 34.63 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.24 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

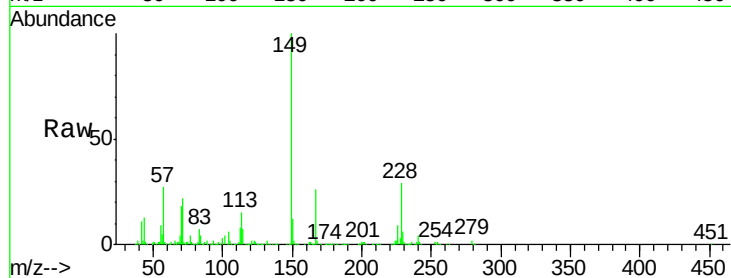
Tot Ion:149 Resp: 647054

Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

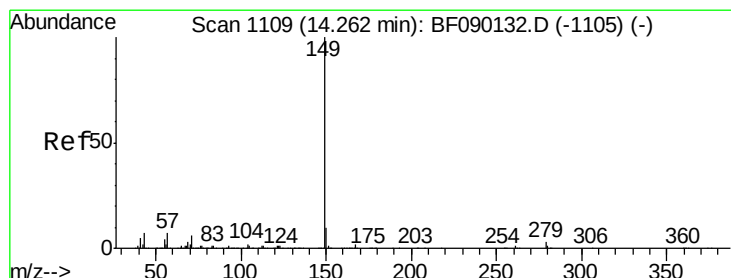
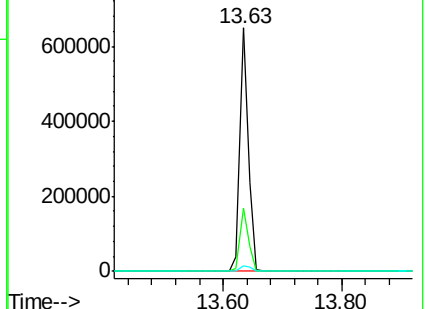
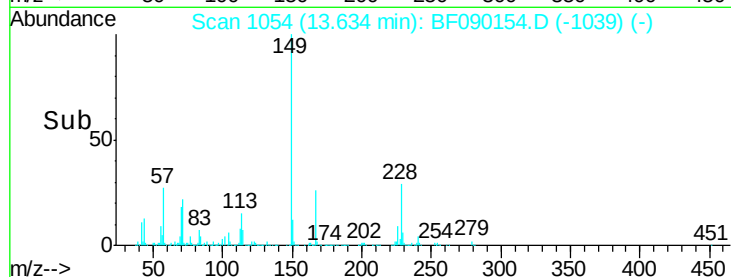
279 2.2 2.2 3.2



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: 37.76 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

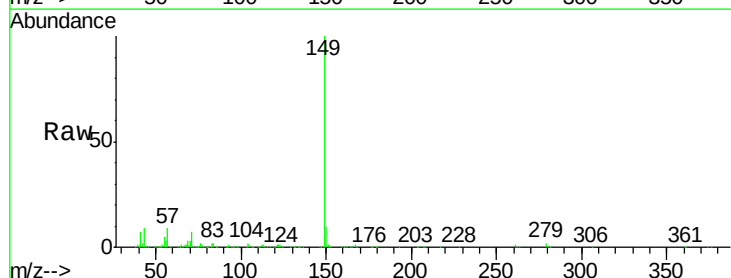
Tgt Ion:149 Resp: 1130273

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

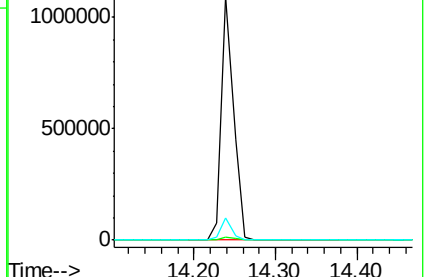
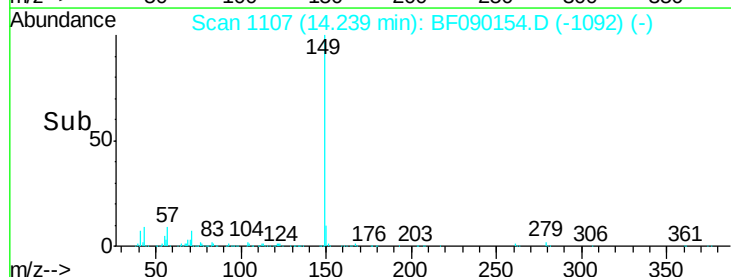
43 8.2 6.8 10.2

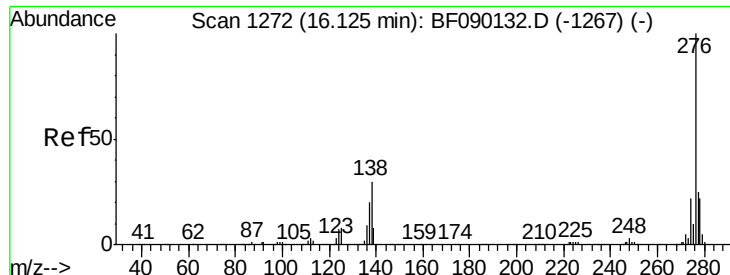


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

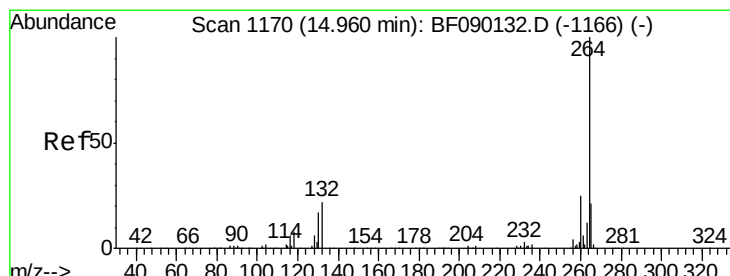
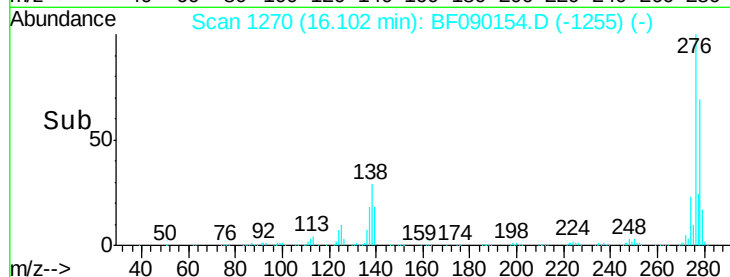
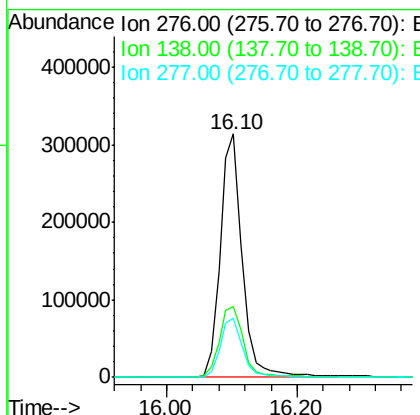
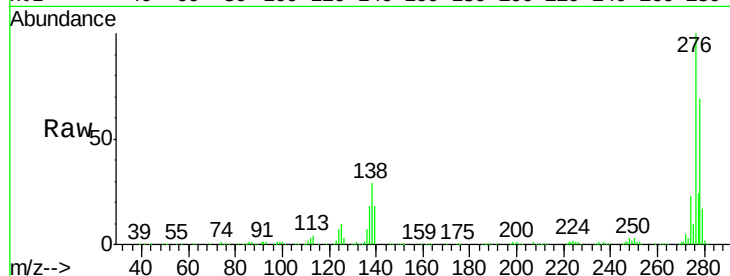




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.85 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

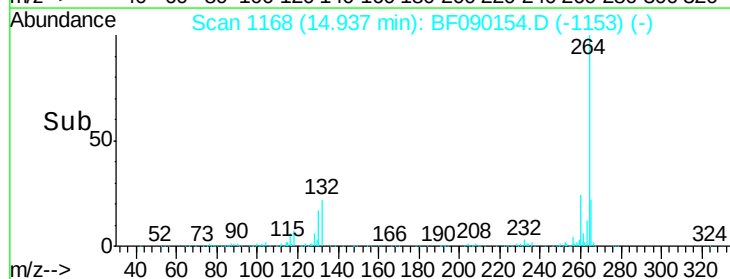
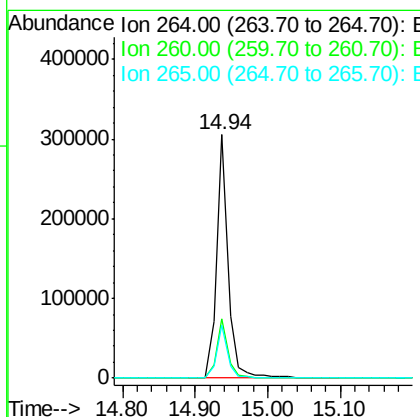
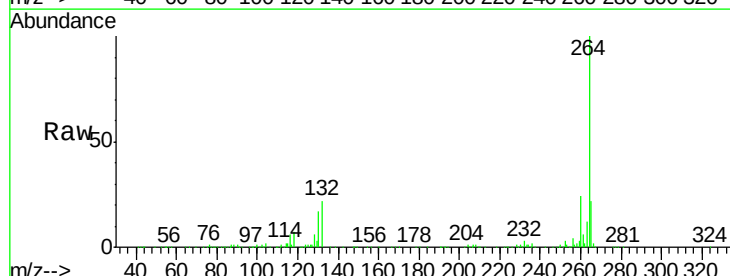
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

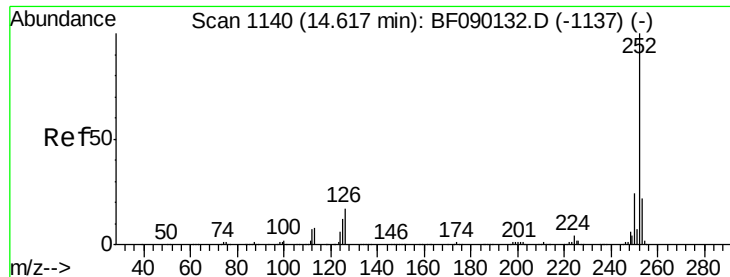
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.9	38.9
277	24.9	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 35.60 ng m

RT: 14.59 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

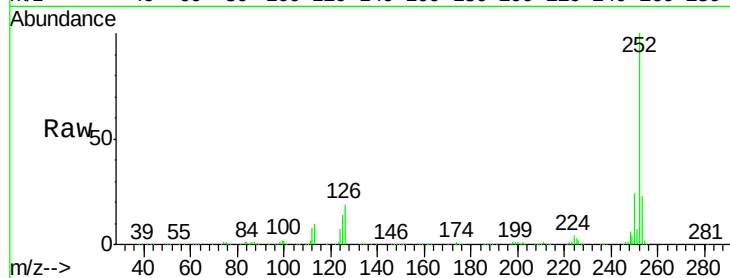
Tot Ion:252 Resp: 667020

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

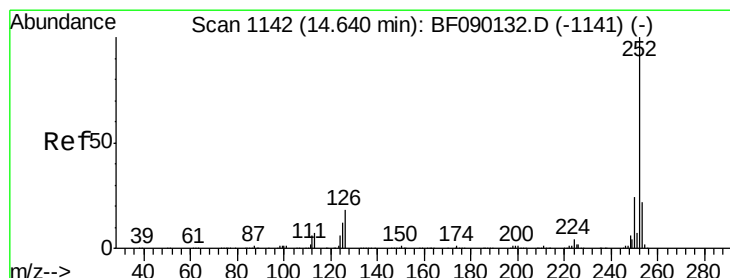
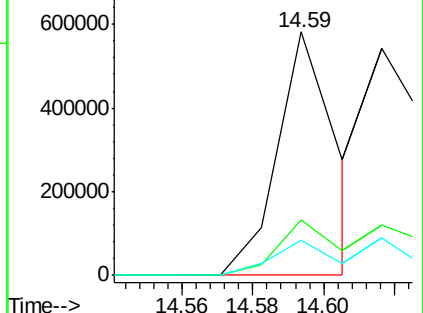
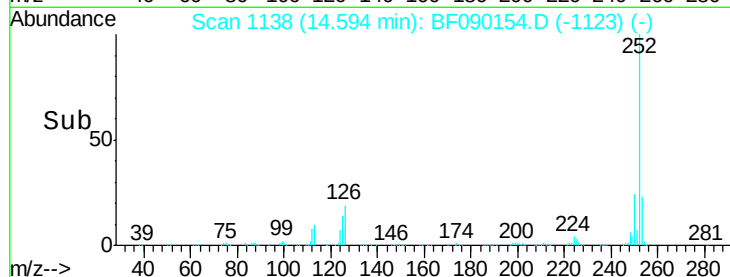
125 14.5 12.7 19.1



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: 38.87 ng m

RT: 14.62 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF090154.D

Acq: 21 Sep 2016 11:42

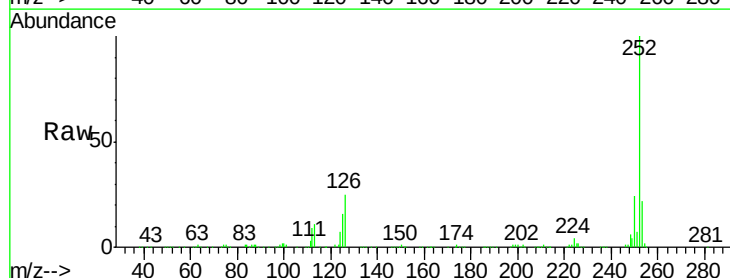
Tgt Ion:252 Resp: 683627

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

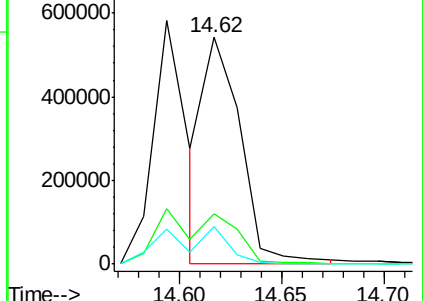
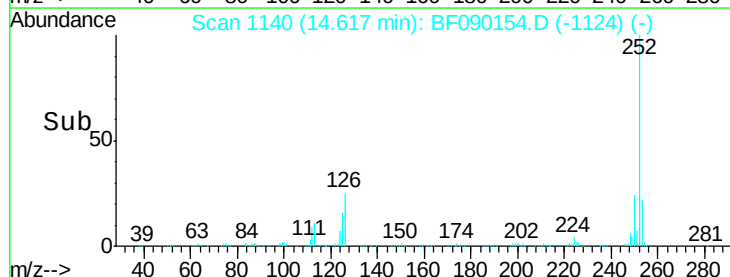
125 16.5 7.8 11.6#

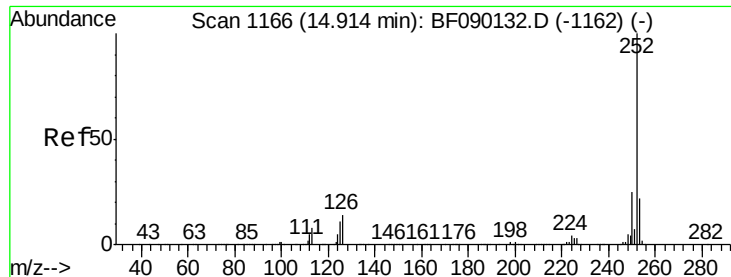


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

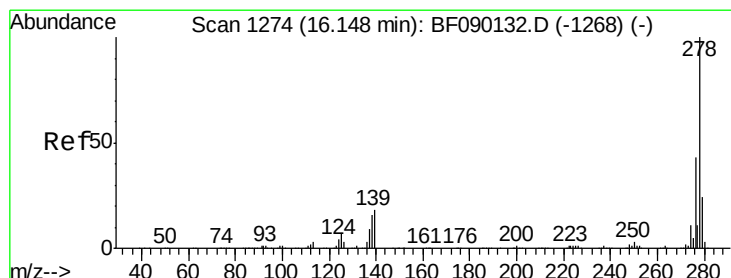
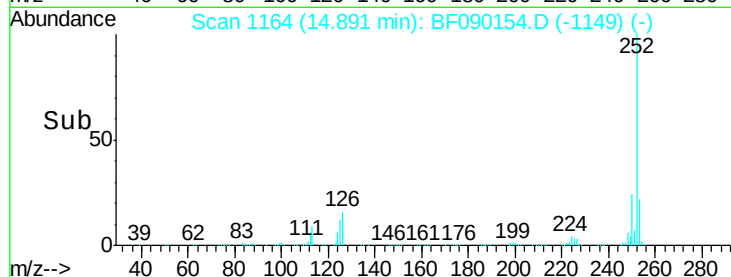
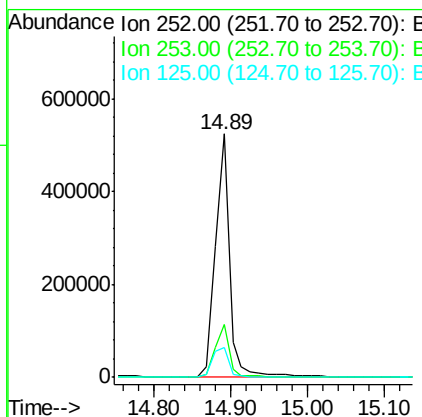
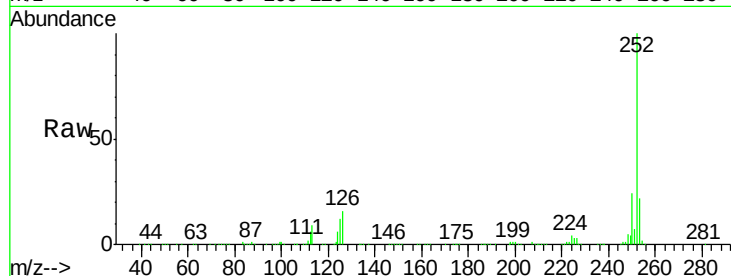




#89
Benzo(a)pyrene
Concen: 37.53 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

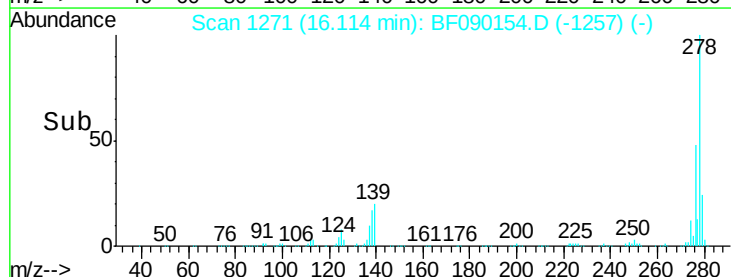
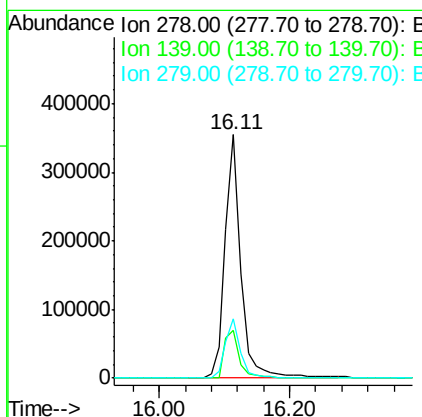
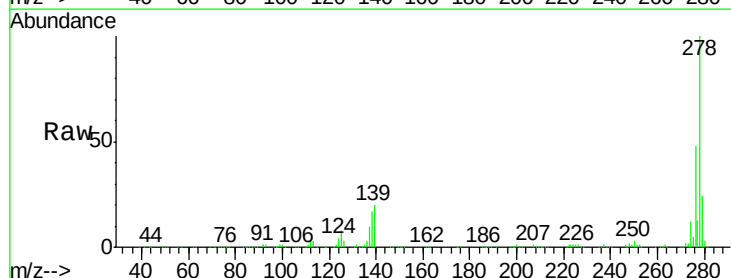
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

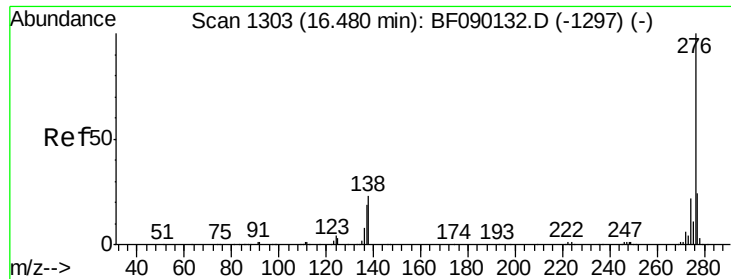
Tot Ion:252 Resp: 661601
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 12.2 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 43.98 ng
RT: 16.11 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090154.D
Acq: 21 Sep 2016 11:42

Tgt Ion:278 Resp: 604911
Ion Ratio Lower Upper
278 100
139 19.7 14.6 21.8
279 24.4 18.8 28.2





#91
 Benzo(a,h,i)perylene
 Concen: 42.80 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. -0.03 min
 Lab File: BF090154.D
 Acq: 21 Sep 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	576224
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	23.3	23.3	34.9

