

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090077.D
 Acq On : 15 Sep 2016 4:05
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Sep 15 05:02:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	565248	20.00	ng	0.16
21) Naphthalene-d8	7.84	136	652790	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	327805	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	570271	20.00	ng	0.00
75) Chrysene-d12	13.67	240	422777	20.00	ng	0.00
86) Perylene-d12	14.99	264	370071	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1005901	28.45	ng	0.00
7) Phenol-d6	6.20	99	1292193	27.97	ng	0.00
23) Nitrobenzene-d5	7.13	82	1095363	94.68	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	320123	95.58	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1642897	78.23	ng	0.00
78) Terphenyl-d14	12.64	244	1526002	89.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	255986	14.51	ng	98
3) Pyridine	2.59	79	697735	15.65	ng	99
4) n-Nitrosodimethylamine	2.57	42	216615	15.96	ng	97
6) Aniline	6.22	93	785770	13.68	ng	91
8) 2-Chlorophenol	6.34	128	574568	14.18	ng	86
9) Benzaldehyde	6.09	77	335494	13.70	ng	98
10) Phenol	6.31	94	34996	0.65	ng	# 1
11) bis(2-Chloroethyl)ether	6.31	93	590533	14.31	ng	92
12) 1,3-Dichlorobenzene	6.57	146	586628	14.04	ng	97
13) 1,4-Dichlorobenzene	6.73	146	520047	12.14	ng	97
14) 1,2-Dichlorobenzene	6.73	146	520053	13.19	ng	98
15) Benzyl Alcohol	6.72	79	376184	14.38	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	705682	14.21	ng	96
17) 2-Methylphenol	6.83	107	456645	13.82	ng	99
18) Hexachloroethane	7.06	117	205216	13.09	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	362157	12.69	ng	98
20) 3+4-Methylphenols	6.99	107	544718	13.70	ng	95
22) Acetophenone	6.98	105	795742	50.37	ng	# 98
24) Nitrobenzene	7.15	77	654694	53.53	ng	# 85
25) Isophorone	7.39	82	1187228	49.01	ng	98
26) 2-Nitrophenol	7.46	139	284282	48.23	ng	94
27) 2,4-Dimethylphenol	7.52	122	493622	47.48	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	660896	46.82	ng	100
29) 2,4-Dichlorophenol	7.71	162	472752	51.30	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	449876	49.63	ng	94
31) Naphthalene	7.86	128	1471269	45.82	ng	100
32) Benzoic acid	7.69	122	421951	52.61	ng	98
33) 4-Chloroaniline	7.92	127	646256	47.71	ng	98
34) Hexachlorobutadiene	7.99	225	218883	47.38	ng	99
35) Caprolactam	8.32	113	149582	47.75	ng	99
36) 4-Chloro-3-methylphenol	8.42	107	575989	53.51	ng	91
37) 2-Methylnaphthalene	8.56	142	984005	49.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	353935	41.73	ng	99
40) Hexachlorocyclopentadiene	8.71	237	211894	48.15	ng	100

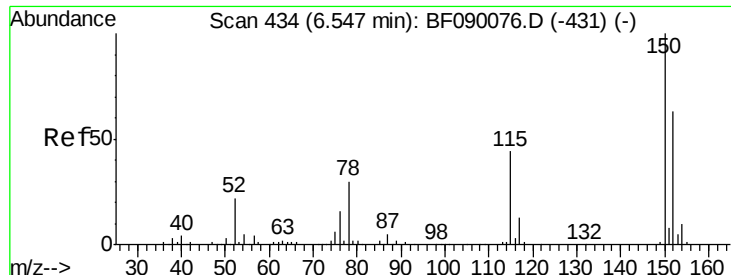
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	292996	46.82	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	318804	47.53	ng	96
45) 1,1'-Biphenyl	9.02	154	1198338	43.58	ng	99
46) 2-Chloronaphthalene	9.04	162	856830	44.29	ng	99
47) 2-Nitroaniline	9.14	65	310898	48.91	ng	87
48) Acenaphthylene	9.45	152	1455348	43.51	ng	99
49) Dimethylphthalate	9.34	163	1073151	43.98	ng	99
50) 2,6-Dinitrotoluene	9.39	165	284398	52.28	ng	# 73
51) Acenaphthene	9.62	154	820451	41.03	ng	99
52) 3-Nitroaniline	9.55	138	293122	44.34	ng	90
53) 2,4-Dinitrophenol	9.66	184	148792	57.66	ng	# 83
54) Dibenzofuran	9.79	168	1122603	42.93	ng	95
55) 4-Nitrophenol	9.72	139	215535	33.24	ng	# 83
56) 2,4-Dinitrotoluene	9.79	165	320662	48.18	ng	# 80
57) Fluorene	10.14	166	932144	45.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	227424	44.89	ng	99
59) Diethylphthalate	10.03	149	1121463	47.62	ng	96
60) 4-Chlorophenyl-phenylether	10.14	204	362479	41.61	ng	# 77
61) 4-Nitroaniline	10.17	138	308888	45.65	ng	88
62) Azobenzene	10.28	77	1104715	44.16	ng	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	175074	47.48	ng	# 60
65) n-Nitrosodiphenylamine	10.25	169	841276	46.16	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	277042	50.60	ng	# 92
67) Hexachlorobenzene	10.67	284	291141	45.33	ng	# 92
68) Atrazine	10.79	200	250943	47.50	ng	97
69) Pentachlorophenol	10.87	266	207018	54.07	ng	98
70) Phenanthrene	11.08	178	1377387	49.76	ng	99
71) Anthracene	11.13	178	1316387	45.42	ng	100
72) Carbazole	11.29	167	1430194	46.43	ng	99
73) Di-n-butylphthalate	11.63	149	1606730	47.27	ng	100
74) Fluoranthene	12.25	202	1242639	43.42	ng	99
76) Benzidine	12.39	184	836243	48.03	ng	98
77) Pyrene	12.48	202	1398901	47.23	ng	100
79) Butylbenzylphthalate	13.12	149	767547	51.40	ng	95
80) Benzo(a)anthracene	13.66	228	1142107	47.85	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	459386	45.66	ng	# 98
82) Chrysene	13.69	228	1041235	44.66	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	849180	45.99	ng	99
84) Di-n-octyl phthalate	14.29	149	1492794	45.76	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	866264	42.92	ng	100
87) Benzo(b)fluoranthene	14.67	252	2073096	92.35	ng	# 96
88) Benzo(k)fluoranthene	14.67	252	2074075	112.94	ng	# 98
89) Benzo(a)pyrene	14.95	252	946379	48.18	ng	98
90) Dibenzo(a,h)anthracene	16.19	278	722179	46.39	ng	97
91) Benzo(g,h,i)perylene	16.53	276	693483	46.61	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.16 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

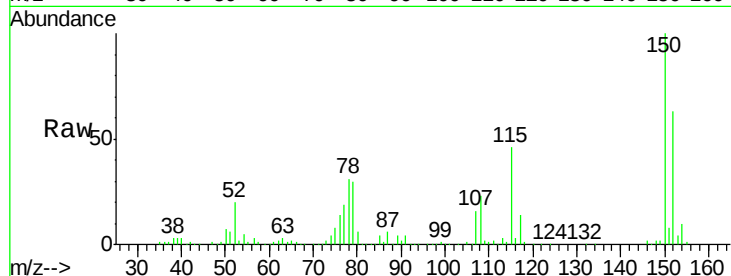
Tgt Ion:152 Resp: 565248

Ion Ratio Lower Upper

152 100

150 158.1 128.9 193.3

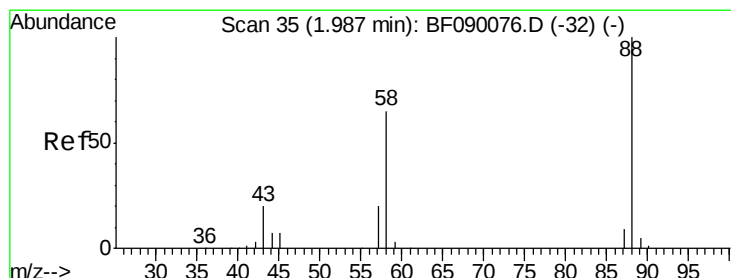
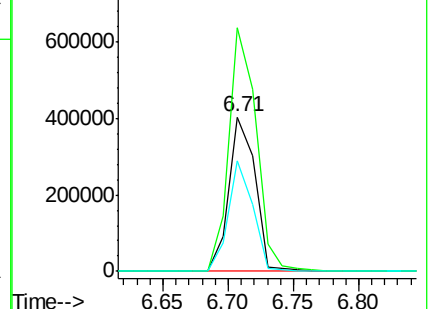
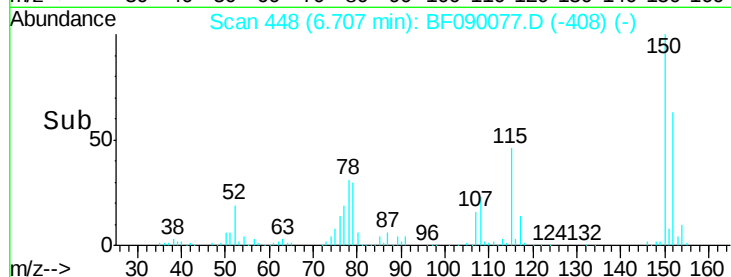
115 72.1 55.5 83.3



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: 14.51 ng

RT: 2.00 min Scan# 36

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

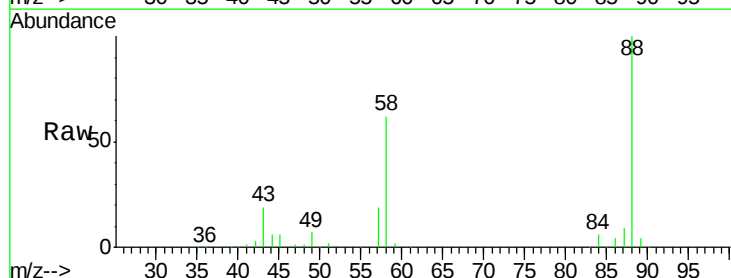
Tgt Ion: 88 Resp: 255986

Ion Ratio Lower Upper

88 100

58 64.5 53.4 80.0

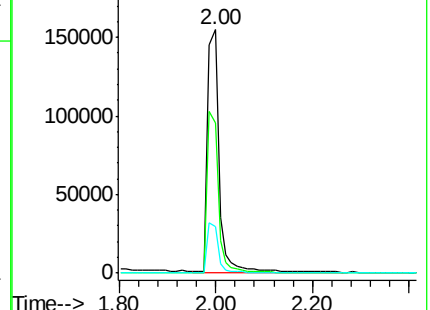
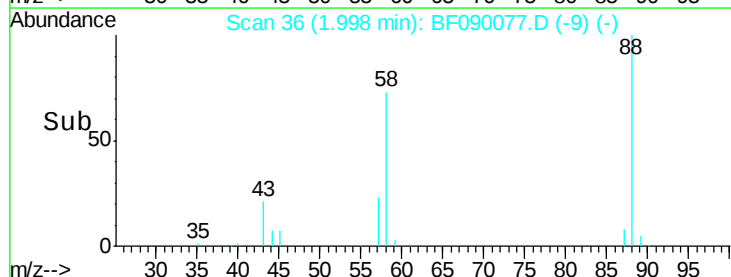
43 20.0 16.5 24.7

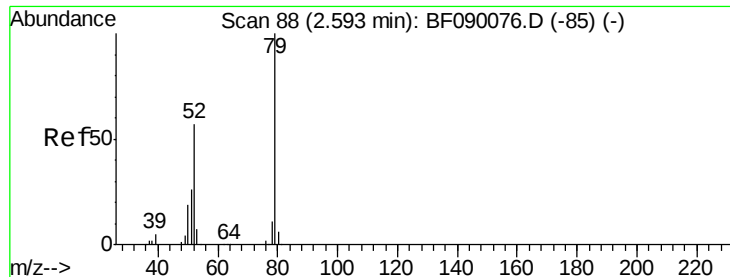


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.65 ng

RT: 2.59 min Scan# 88

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

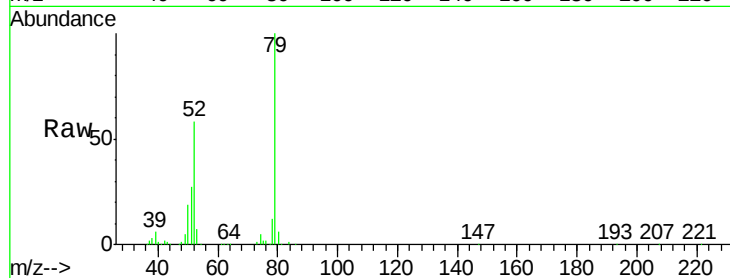
Tgt Ion: 79 Resp: 697735

Ion Ratio Lower Upper

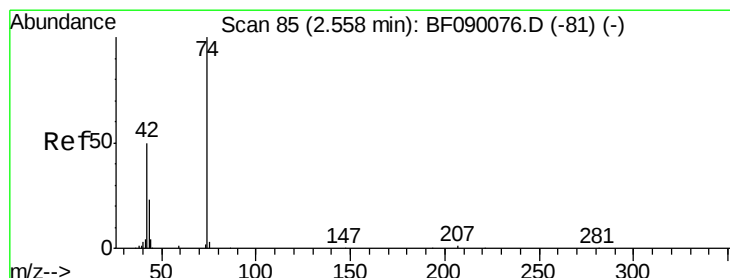
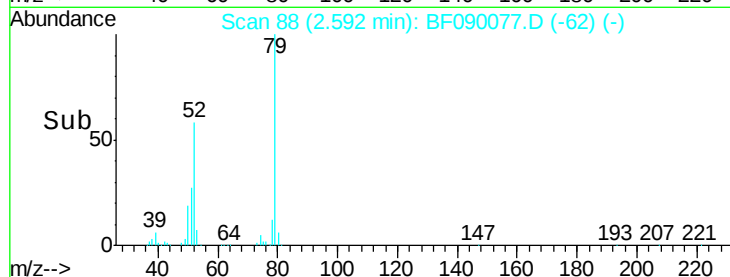
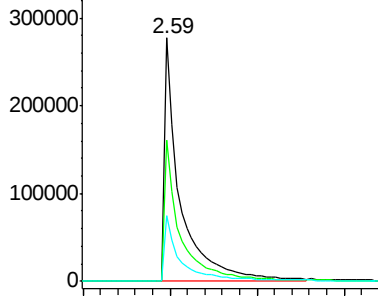
79 100

52 57.9 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: 15.96 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

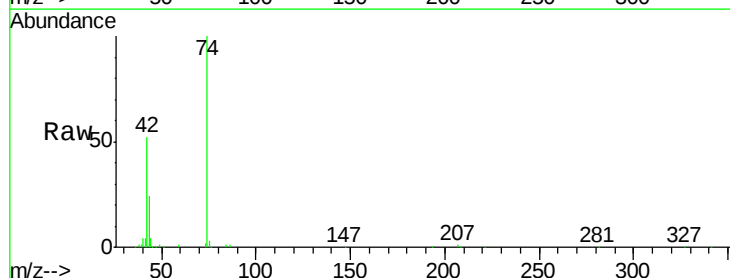
Tgt Ion: 42 Resp: 216615

Ion Ratio Lower Upper

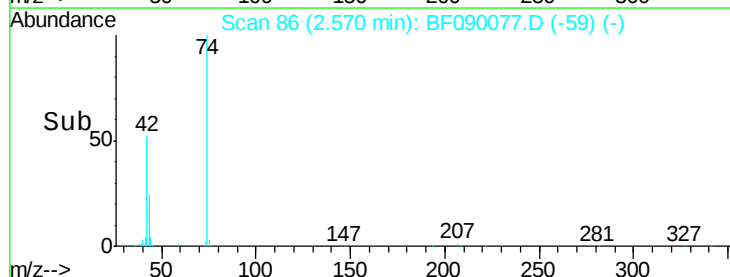
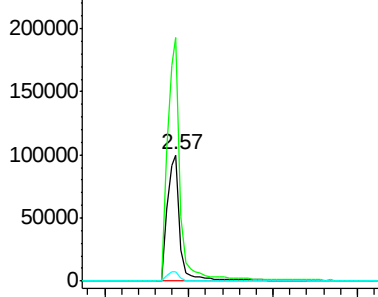
42 100

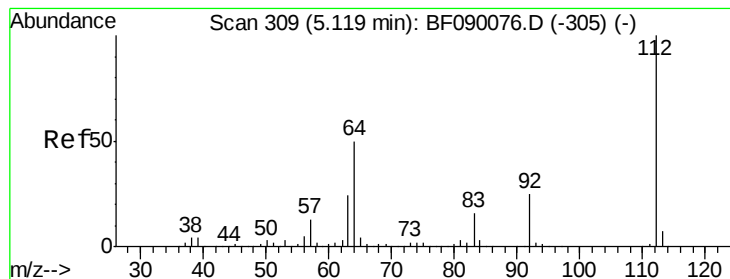
74 193.4 158.7 238.1

44 7.3 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: 28.45 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

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SSTDICC050

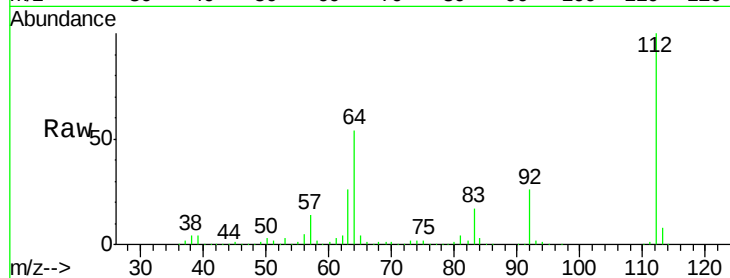
Tgt Ion: 112 Resp: 1005901

Ion Ratio Lower Upper

112 100

64 53.8 39.8 59.6

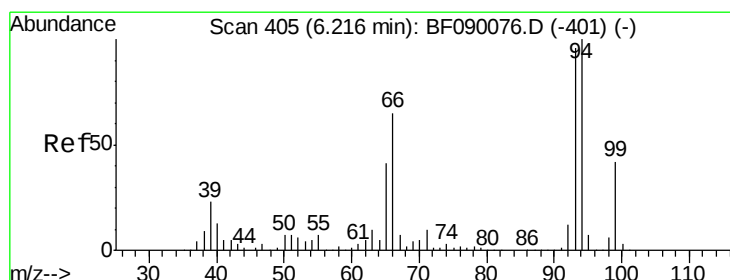
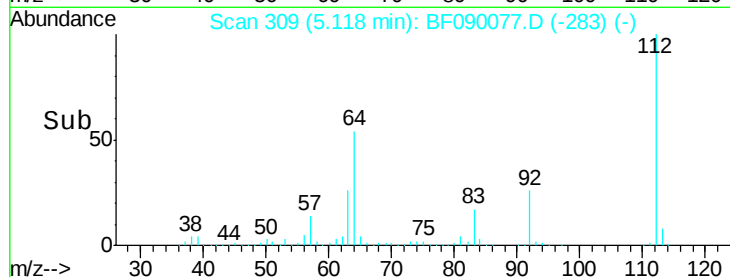
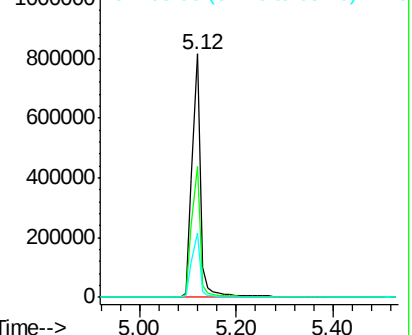
63 26.4 18.9 28.3



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: 13.68 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

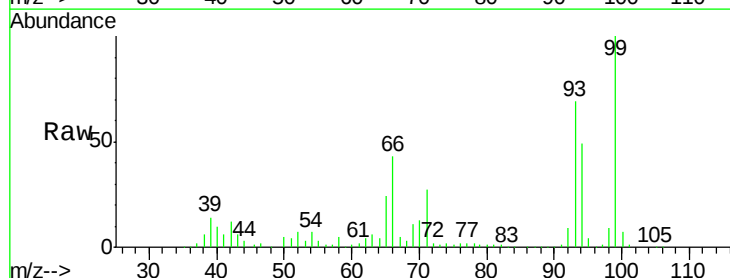
Tgt Ion: 93 Resp: 785770

Ion Ratio Lower Upper

93 100

66 62.2 54.2 81.2

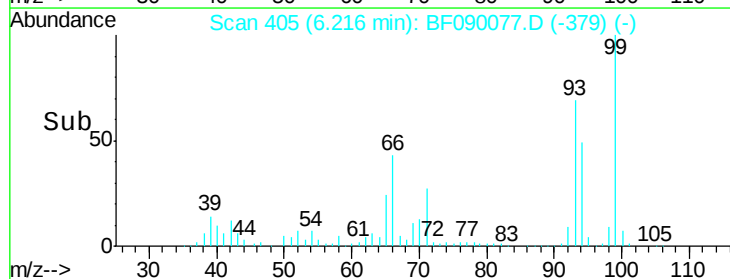
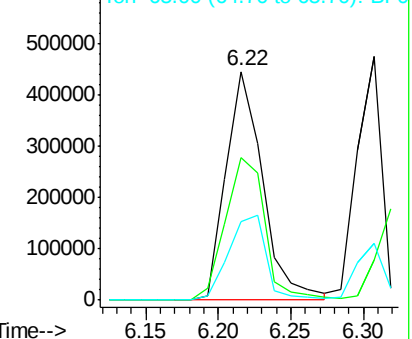
65 34.6 33.8 50.6

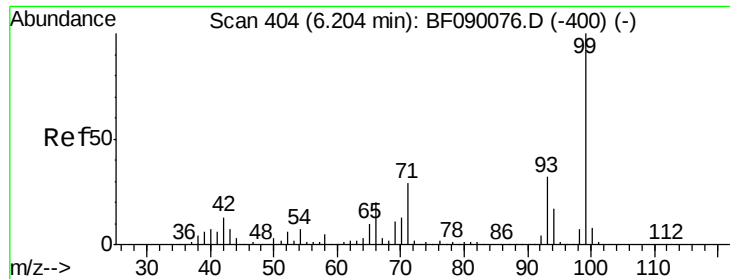


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.97 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

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BNA_F

ClientSampleId :

SSTDICC050

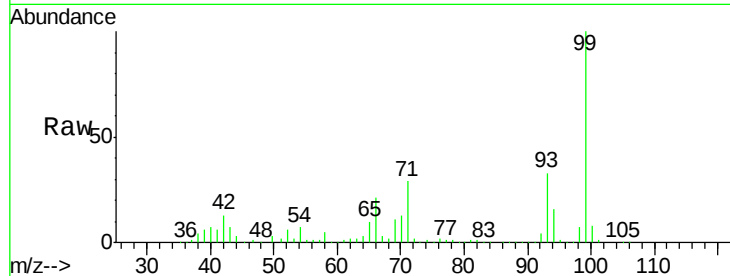
Tgt Ion: 99 Resp: 1292193

Ion Ratio Lower Upper

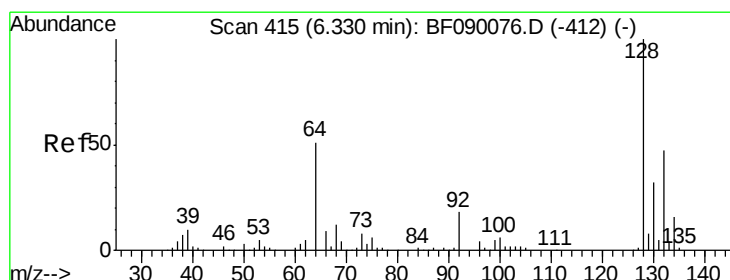
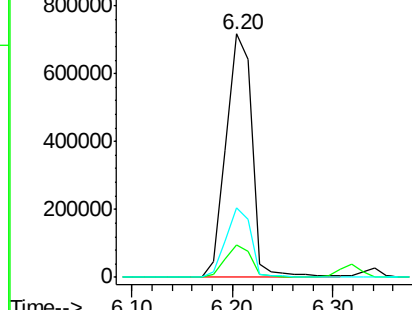
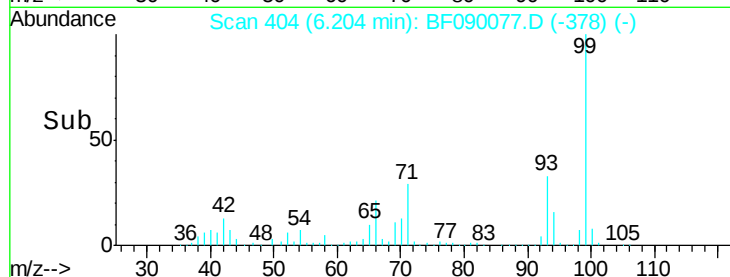
99 100

42 13.4 10.6 15.8

71 28.7 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 14.18 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

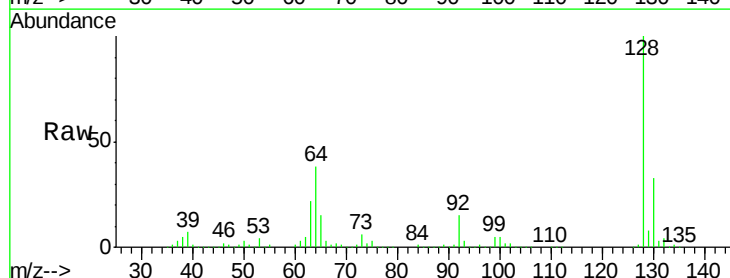
Tgt Ion: 128 Resp: 574568

Ion Ratio Lower Upper

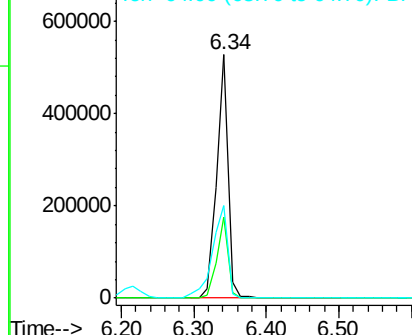
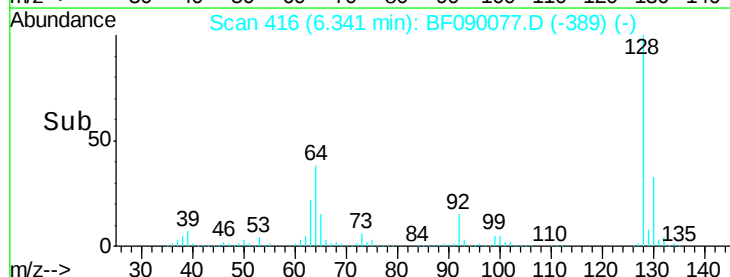
128 100

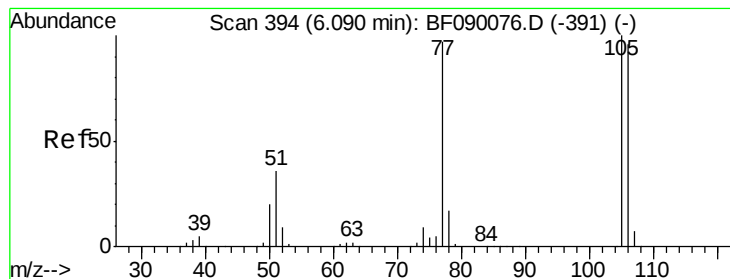
130 33.1 12.0 52.0

64 38.0 33.6 73.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.70 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

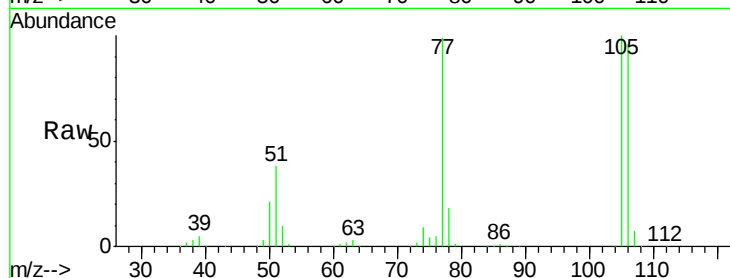
Tgt Ion: 77 Resp: 335494

Ion Ratio Lower Upper

77 100

105 100.8 83.0 123.0

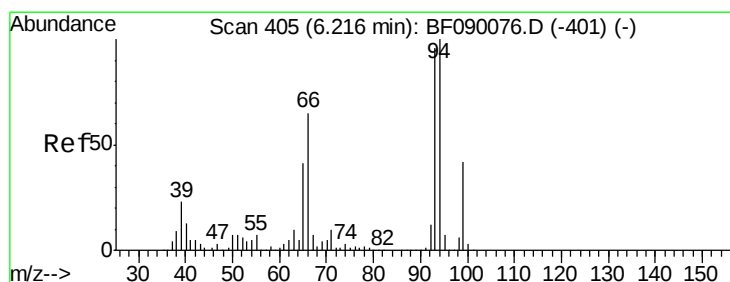
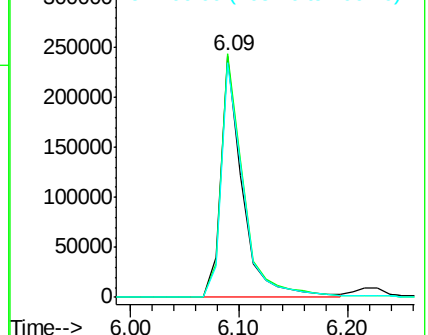
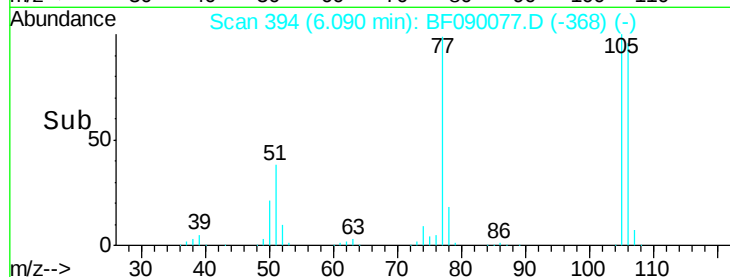
106 97.2 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.65 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.09 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

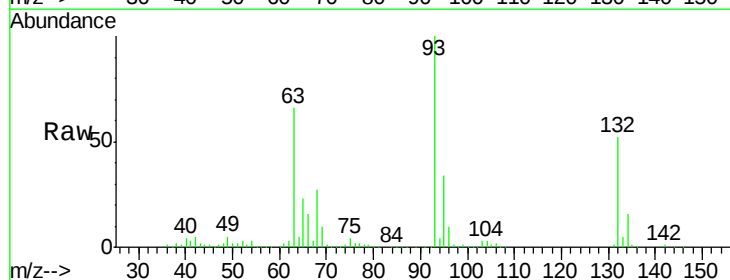
Tgt Ion: 94 Resp: 34996

Ion Ratio Lower Upper

94 100

65 604.2 20.6 60.6#

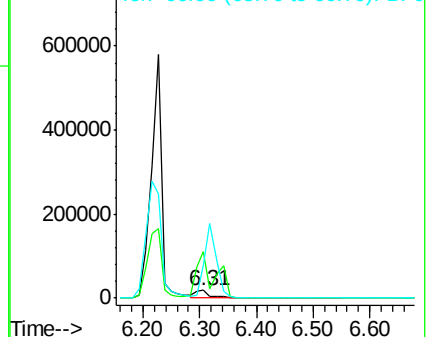
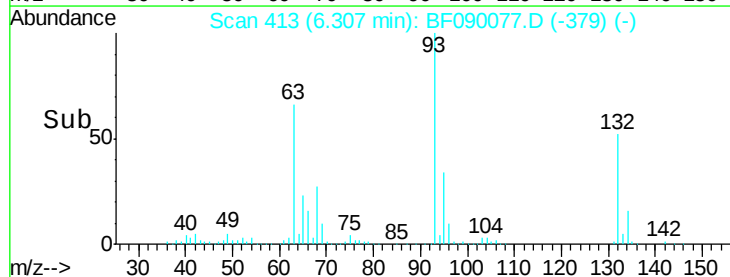
66 422.2 45.1 85.1#

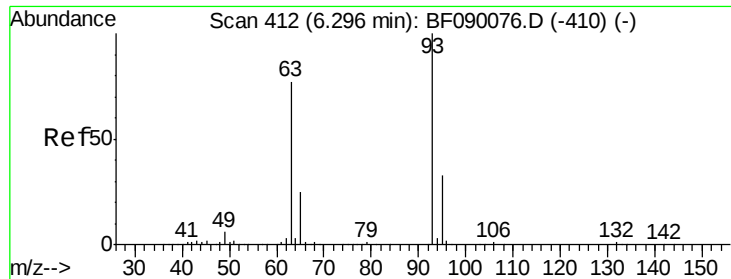


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

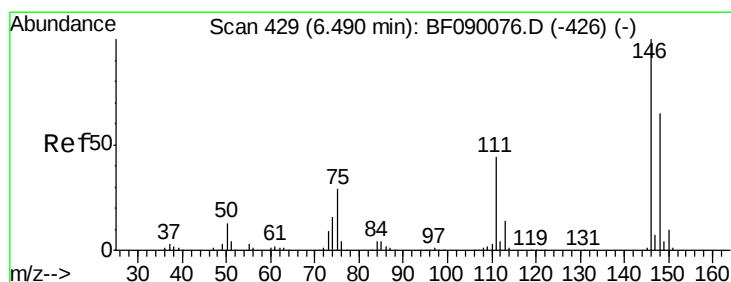
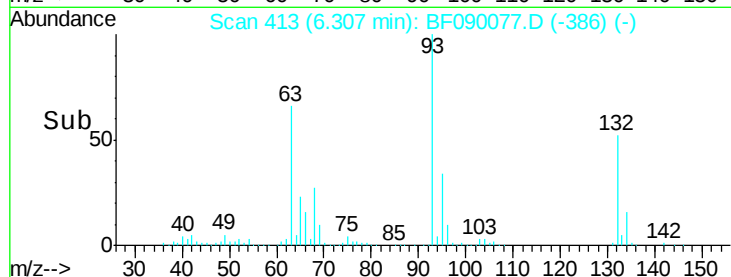
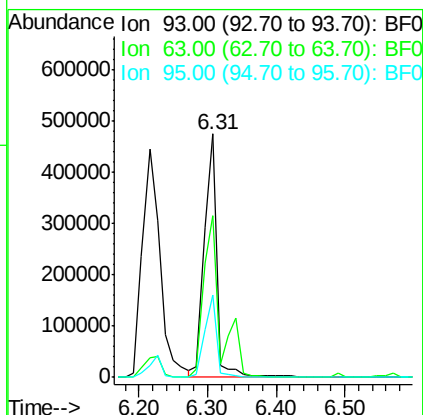
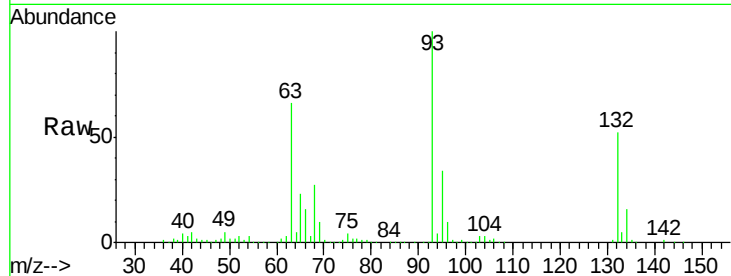




#11
 bis(2-Chloroethyl)ether
 Concen: 14.31 ng
 RT: 6.31 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

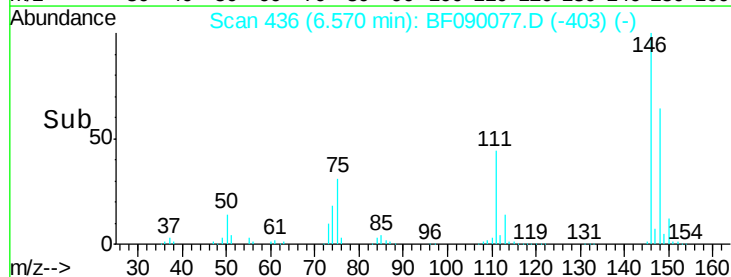
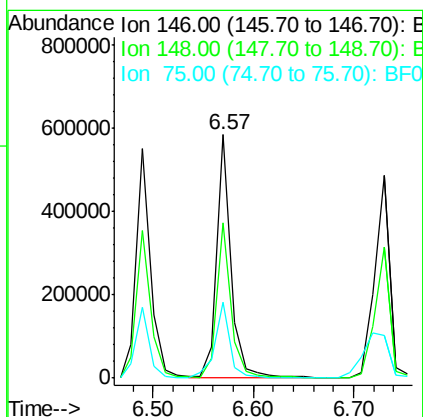
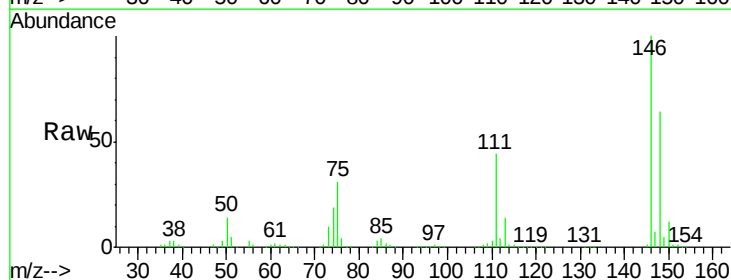
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

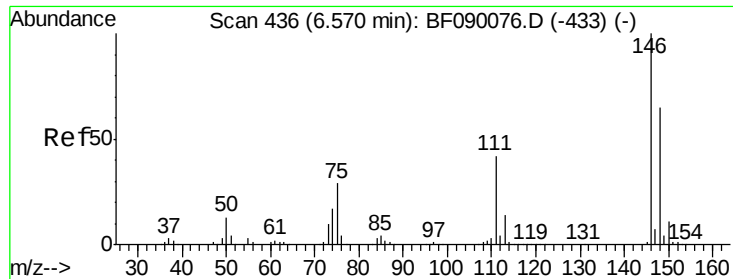
Tgt Ion: 93 Resp: 590533
 Ion Ratio Lower Upper
 93 100
 63 66.4 55.6 95.6
 95 34.0 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 14.04 ng
 RT: 6.57 min Scan# 436
 Delta R.T. 0.08 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion: 146 Resp: 586628
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 75 31.3 22.8 34.2

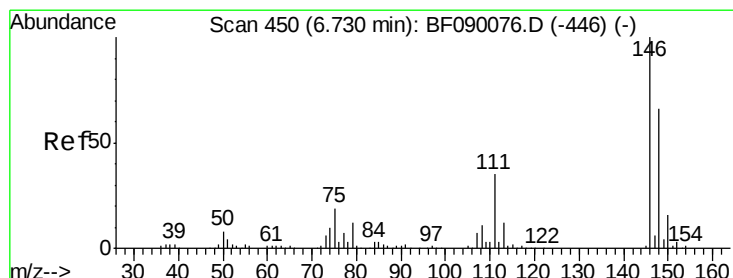
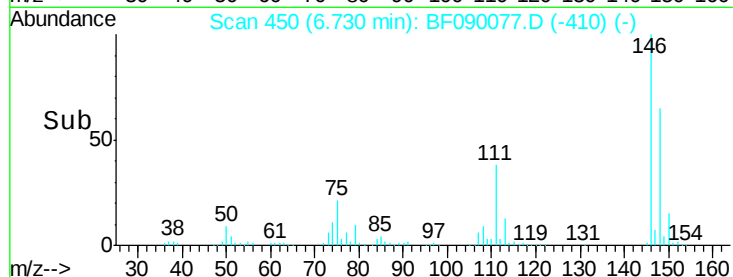
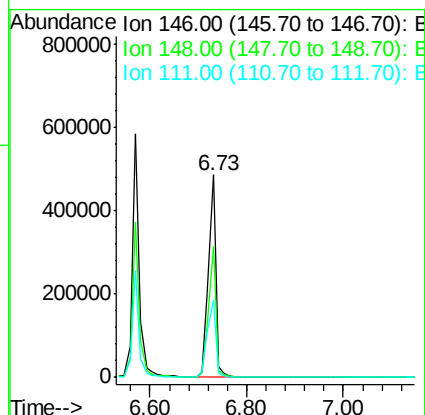
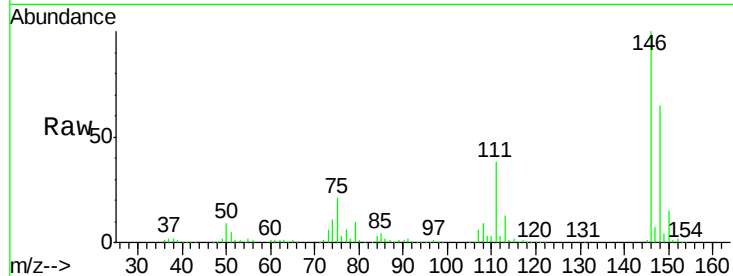




#13
 1,4-Dichlorobenzene
 Concen: 12.14 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.16 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

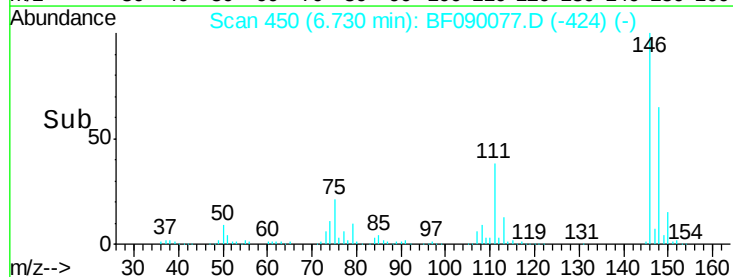
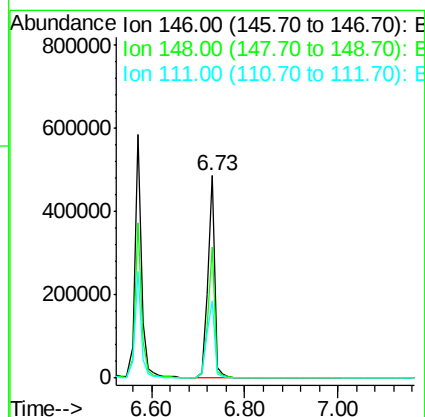
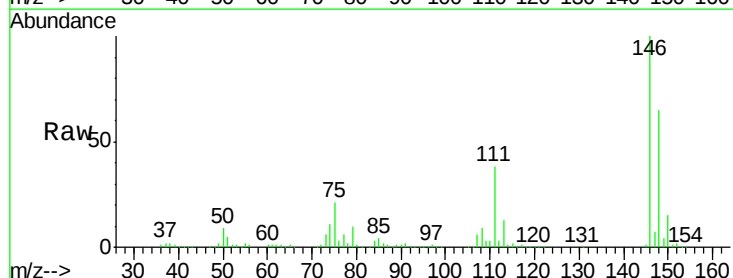
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

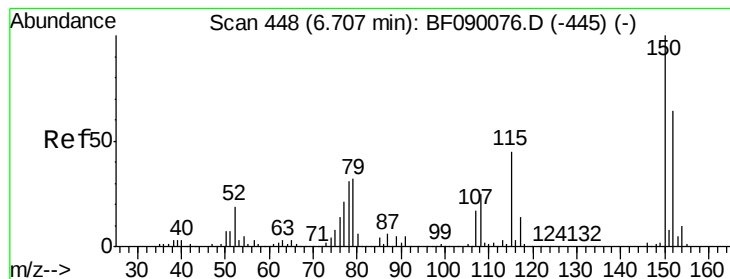
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	38.2	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 13.19 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	79.0
111	38.2	28.2	42.2





#15

Benzyl Alcohol

Concen: 14.38 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

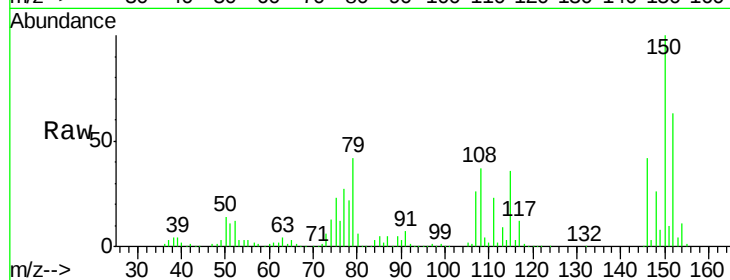
Tgt Ion: 79 Resp: 376184

Ion Ratio Lower Upper

79 100

108 87.4 62.2 93.4

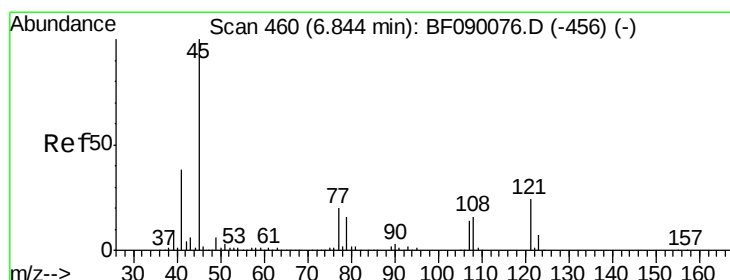
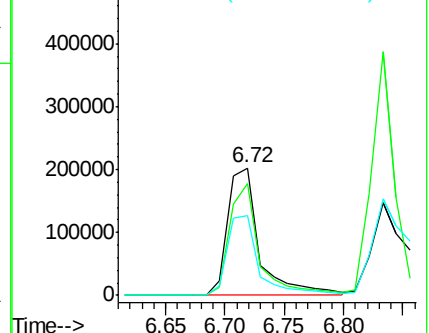
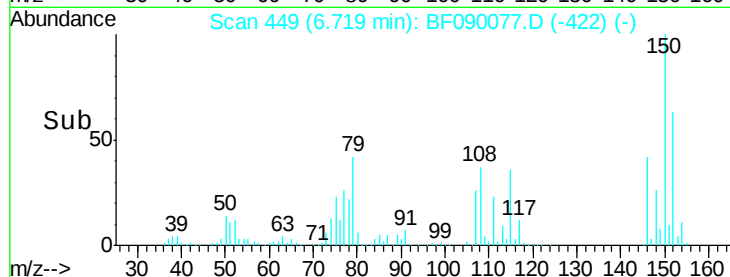
77 62.8 51.4 77.0



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: 14.21 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

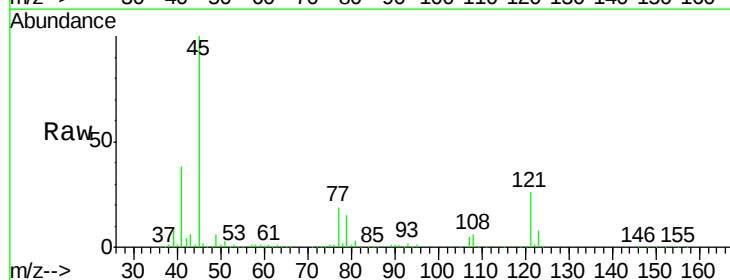
Tgt Ion: 45 Resp: 705682

Ion Ratio Lower Upper

45 100

77 18.7 0.5 40.5

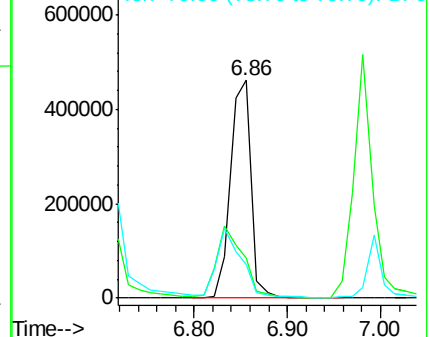
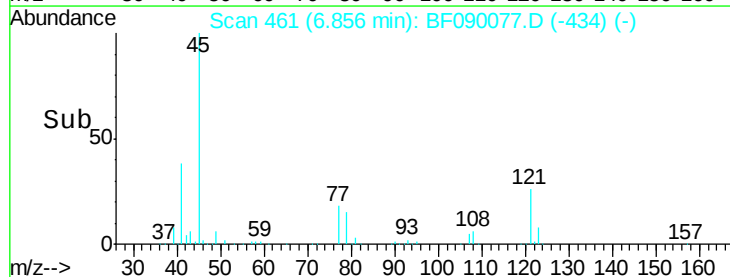
79 15.5 0.0 37.0

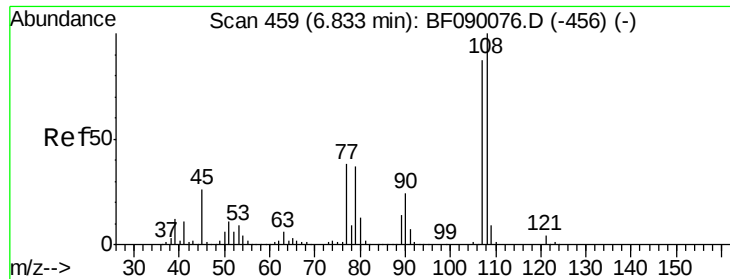


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

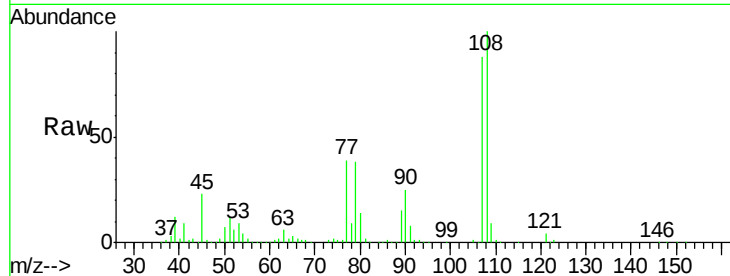




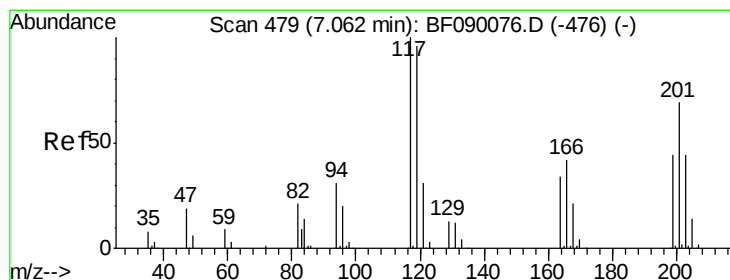
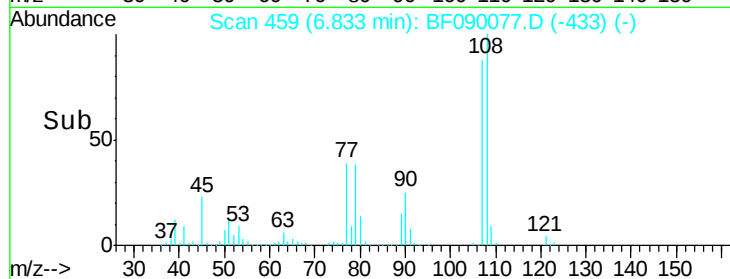
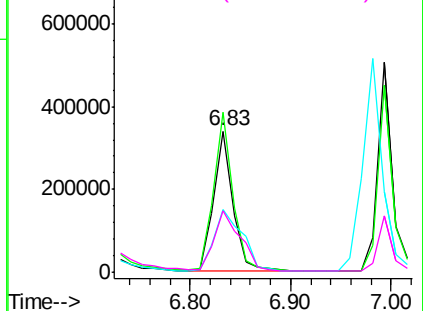
#17
 2-Methylphenol
 Concen: 13.82 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	107	Resp:	456645
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.0	138.0
77	44.7	35.6	53.4
79	43.4	35.2	52.8

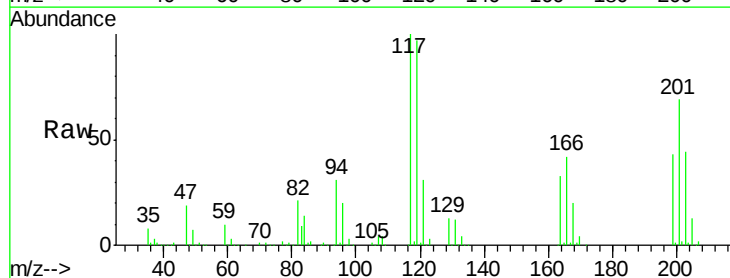


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

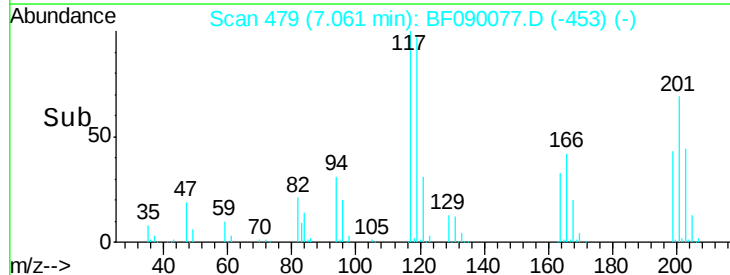
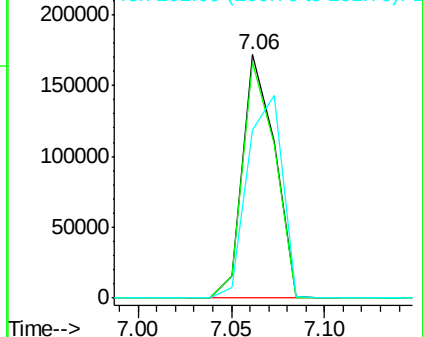


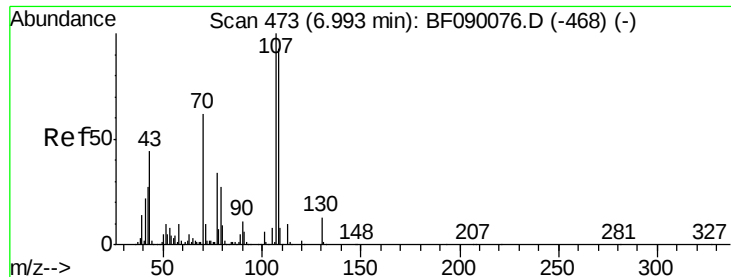
#18
 Hexachloroethane
 Concen: 13.09 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion:	117	Resp:	205216
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	115.0
201	68.9	55.5	83.3



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

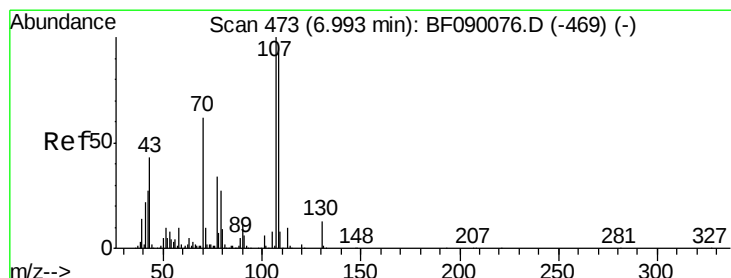
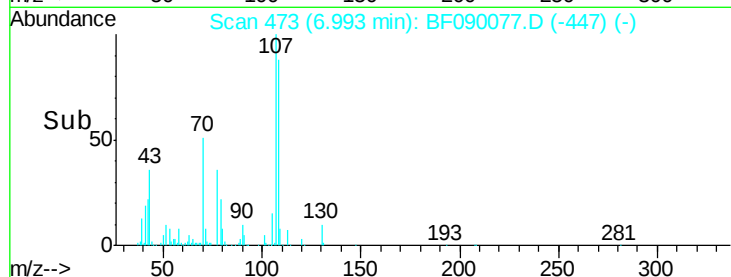
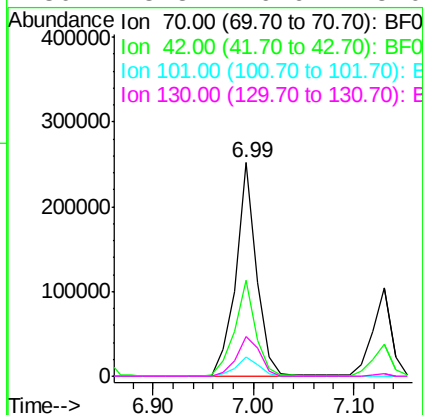
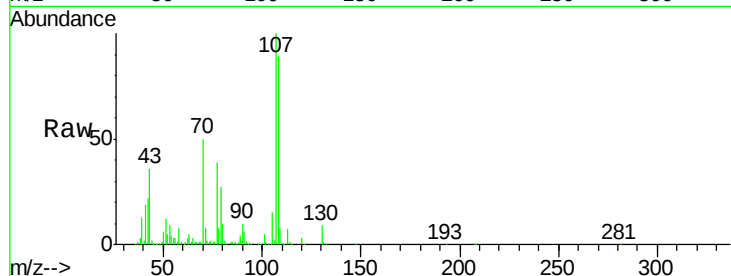




#19
n-Nitroso-di-n-propylamine
Concen: 12.69 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

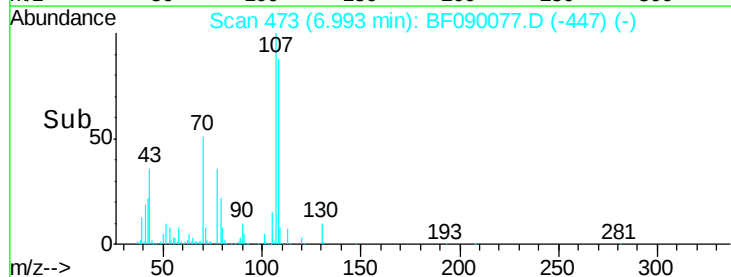
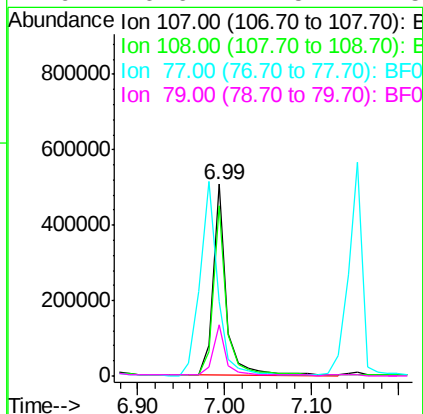
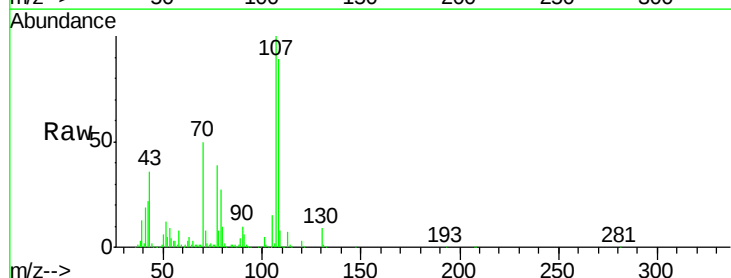
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

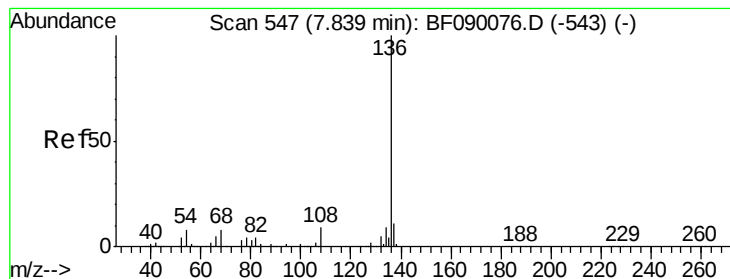
Tgt Ion:	70	Resp:	362157
Ion	Ratio	Lower	Upper
70	100		
42	45.3	35.1	52.7
101	9.3	7.5	11.3
130	18.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 13.70 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:	107	Resp:	544718
Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.3	113.3
77	38.6	14.1	54.1
79	26.6	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 652790

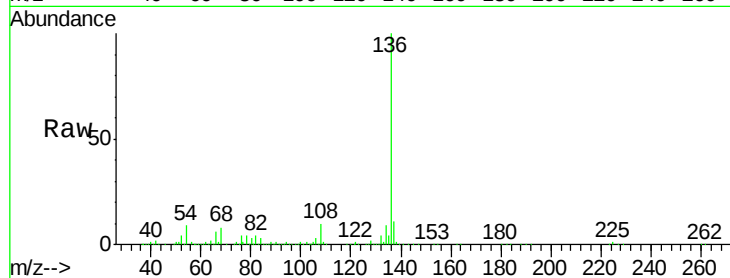
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.7 6.4 9.6

68 8.2 6.3 9.5

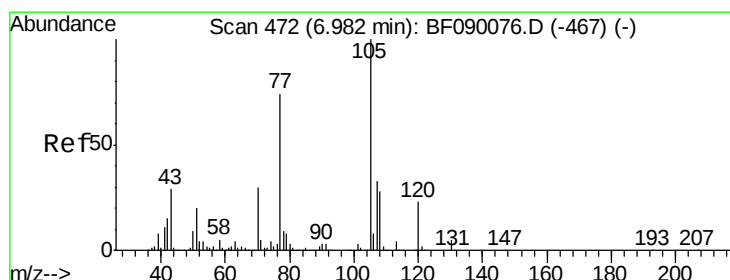
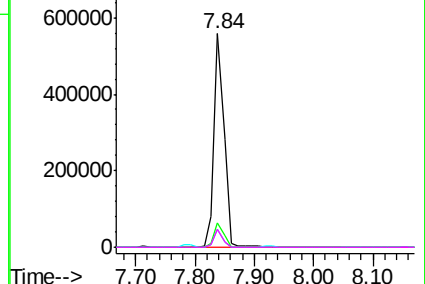
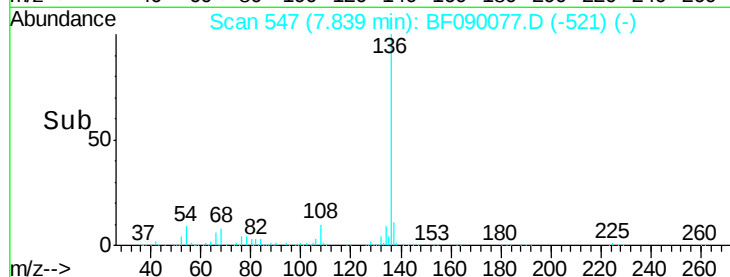


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.37 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Tgt Ion:105 Resp: 795742

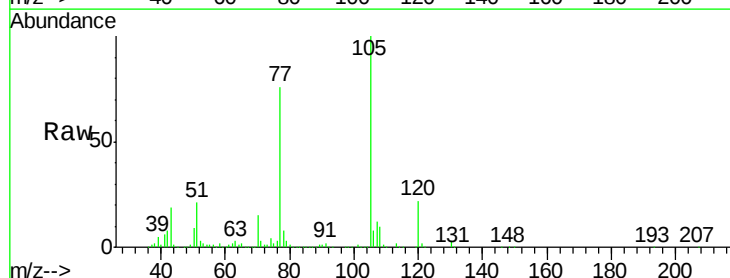
Ion Ratio Lower Upper

105 100

71 2.5 4.1 6.1#

51 21.2 16.2 24.2

120 22.1 18.2 27.2

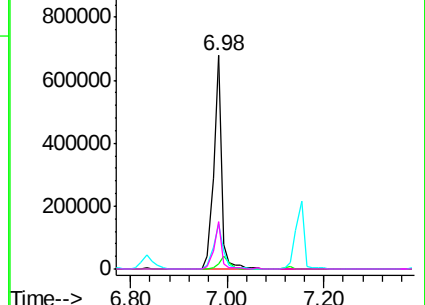
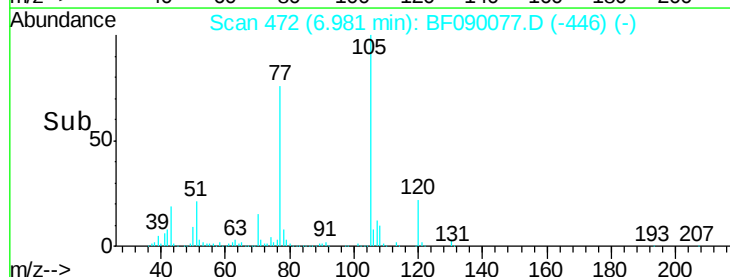


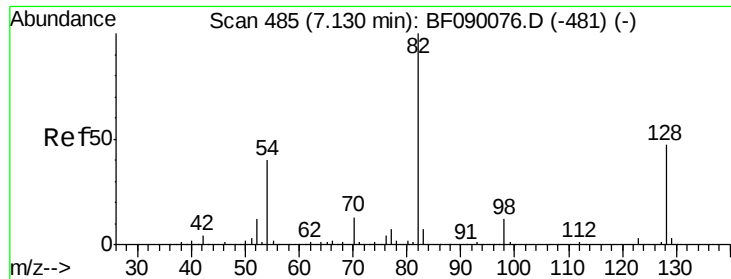
Abundance Ion 105.00 (104.70 to 105.70): E

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

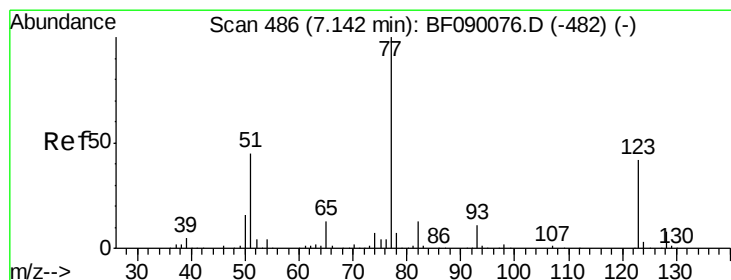
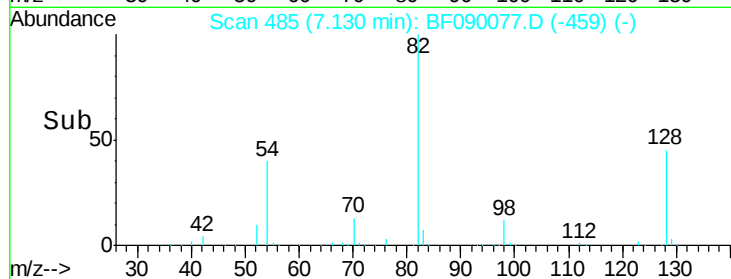
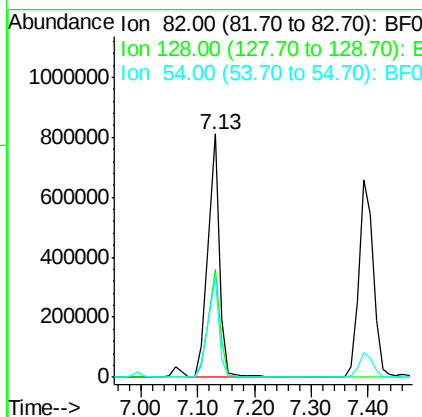
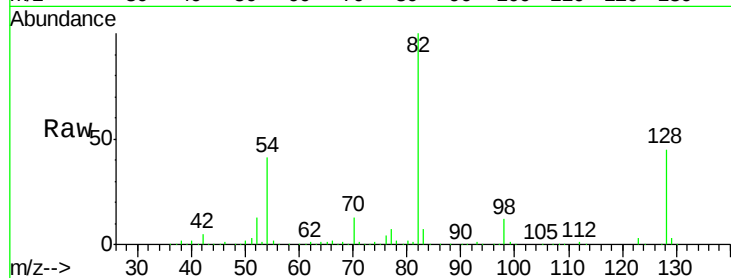




#23
 Nitrobenzene-d5
 Concen: 94.68 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

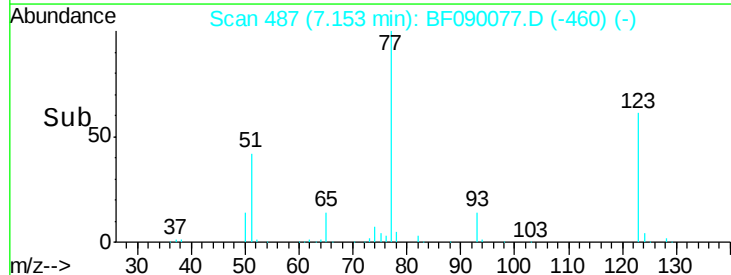
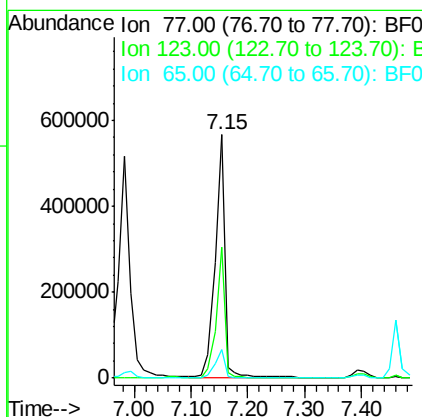
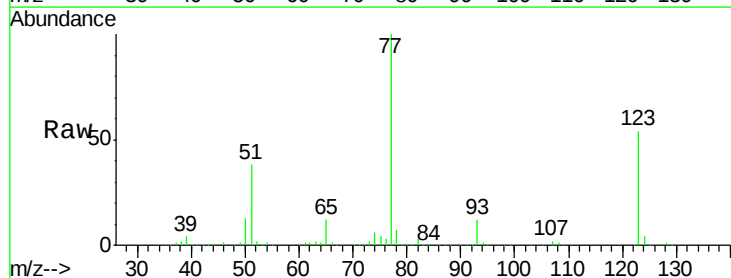
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

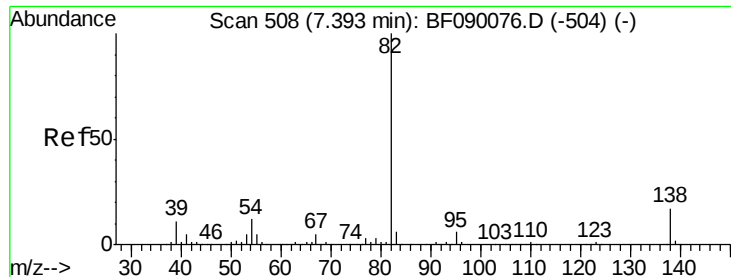
Tgt Ion: 82 Resp: 1095363
 Ion Ratio Lower Upper
 82 100
 128 44.6 37.5 56.3
 54 41.2 31.9 47.9



#24
 Nitrobenzene
 Concen: 53.53 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion: 77 Resp: 654694
 Ion Ratio Lower Upper
 77 100
 123 53.9 33.4 50.2#
 65 11.9 10.1 15.1





#25

Isophorone

Concen: 49.01 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

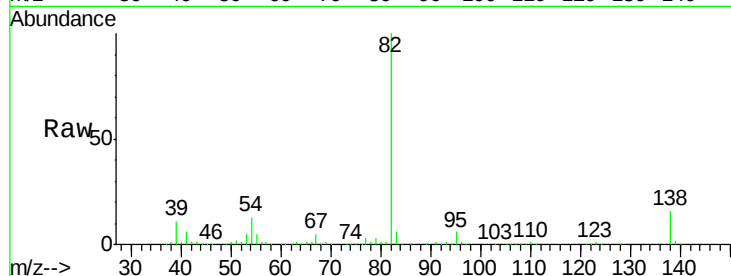
Tgt Ion: 82 Resp: 1187228

Ion Ratio Lower Upper

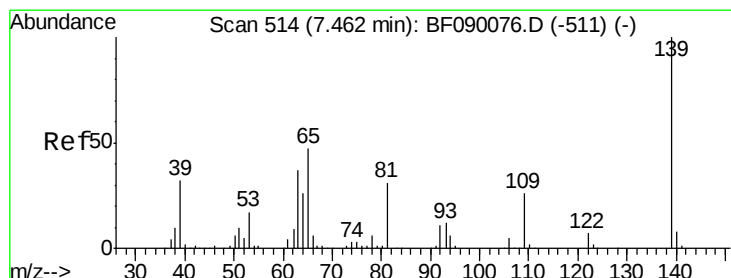
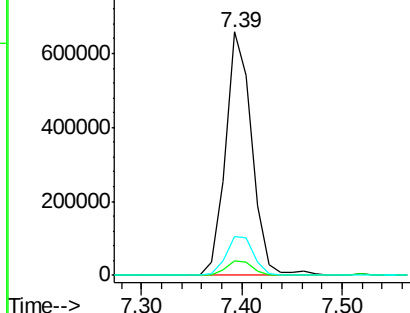
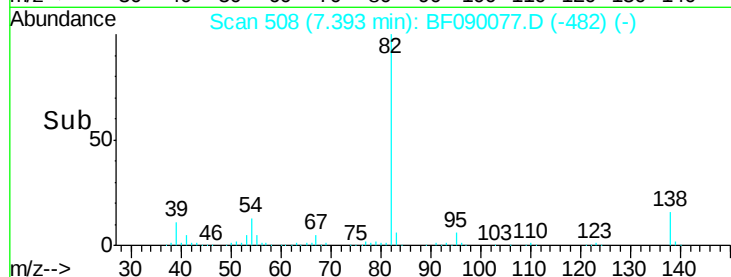
82 100

95 6.2 5.1 7.7

138 15.9 13.5 20.3



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



#26

2-Nitrophenol

Concen: 48.23 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

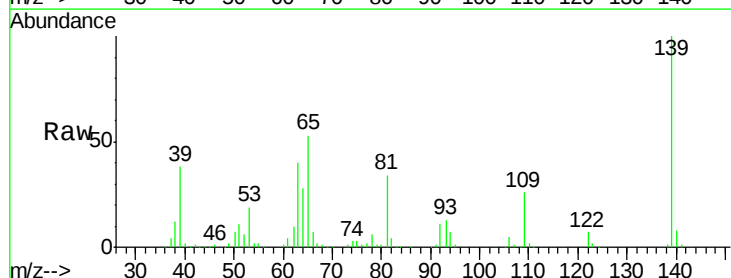
Tgt Ion: 139 Resp: 284282

Ion Ratio Lower Upper

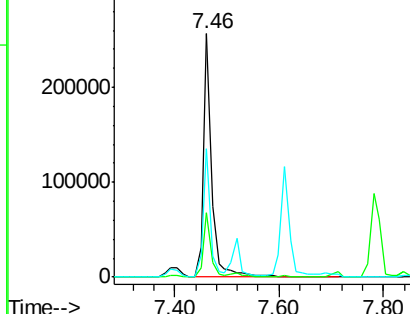
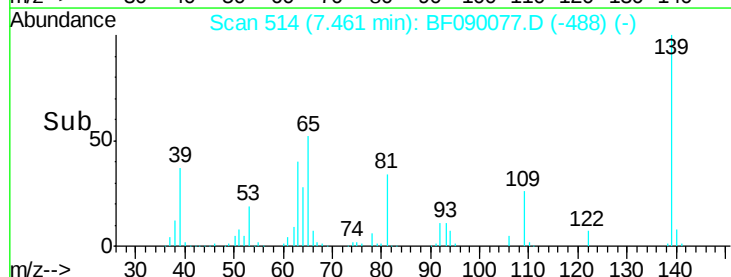
139 100

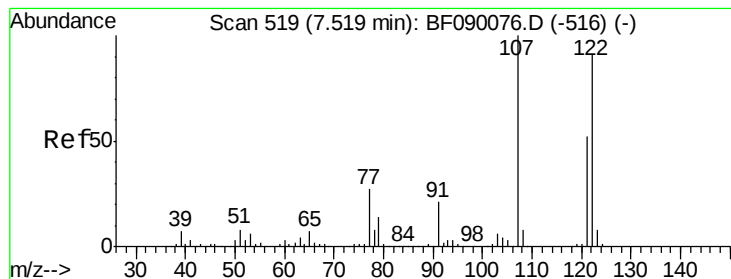
109 26.3 20.5 30.7

65 52.7 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 47.48 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

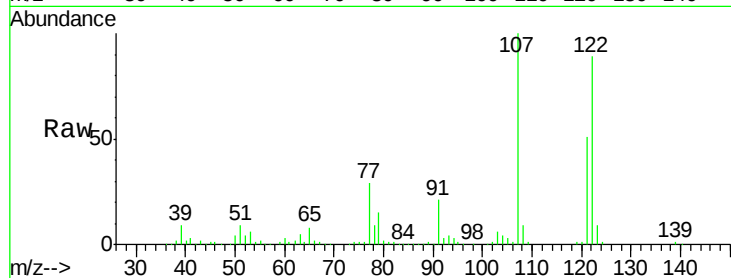
Tgt Ion:122 Resp: 493622

Ion Ratio Lower Upper

122 100

107 113.0 87.8 131.6

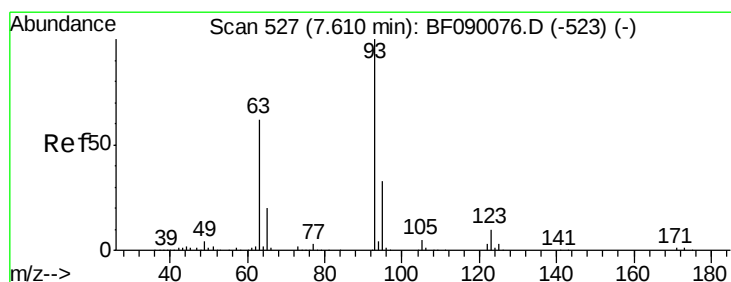
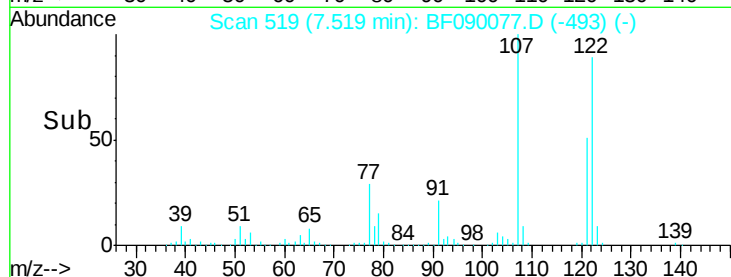
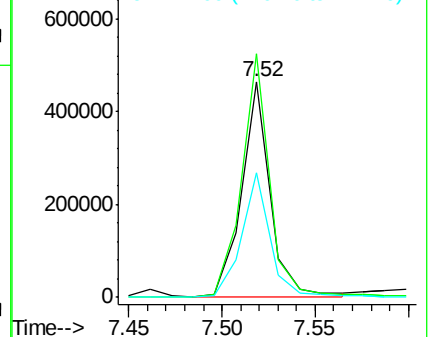
121 57.9 45.7 68.5



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: 46.82 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

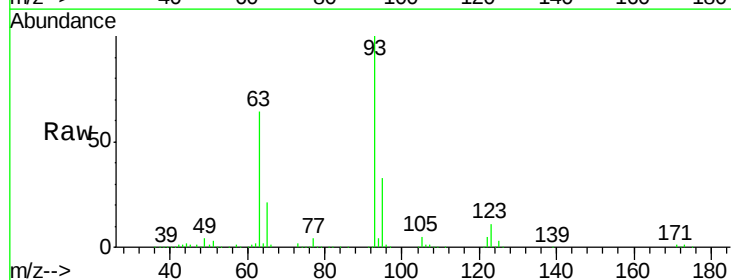
Tgt Ion: 93 Resp: 660896

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

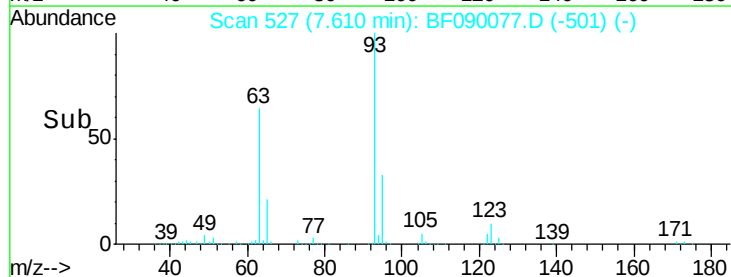
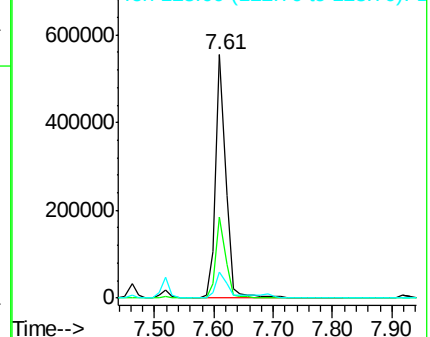
123 10.6 8.5 12.7

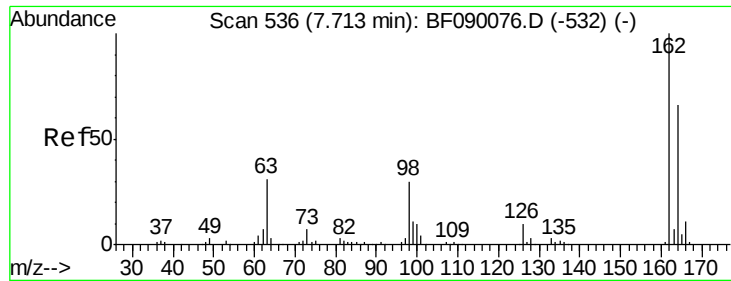


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

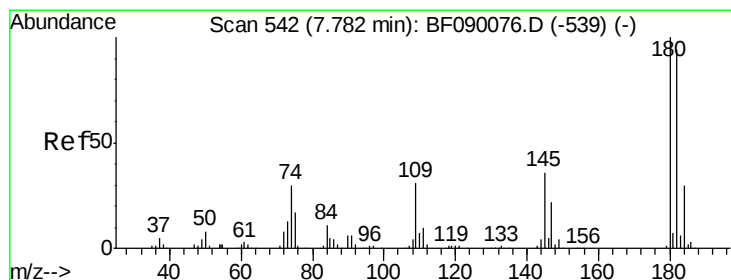
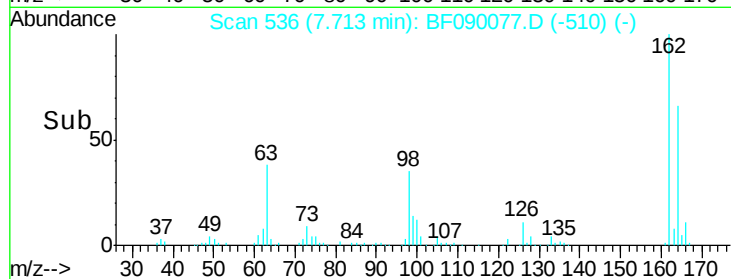
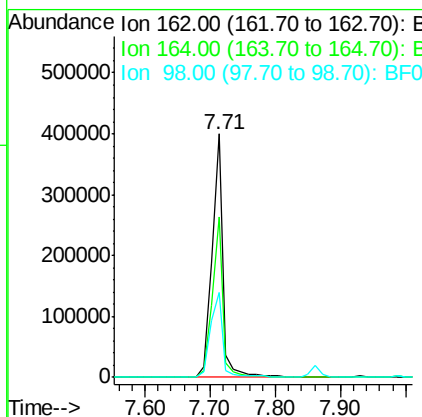
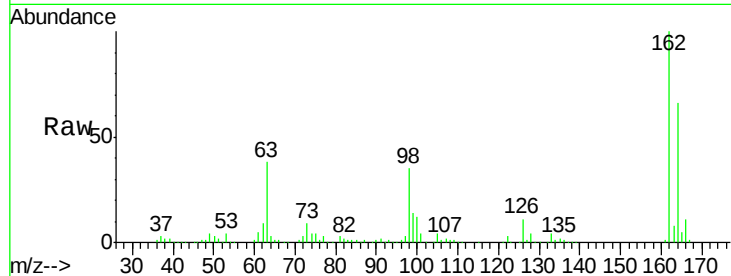




#29
 2,4-Dichlorophenol
 Concen: 51.30 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

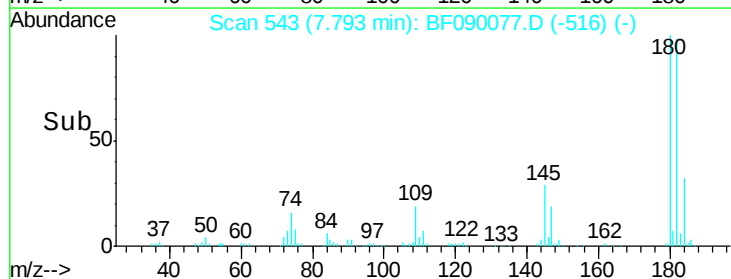
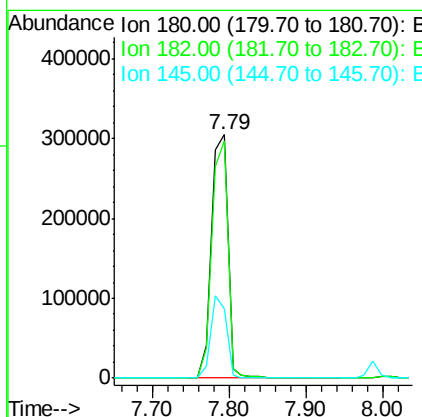
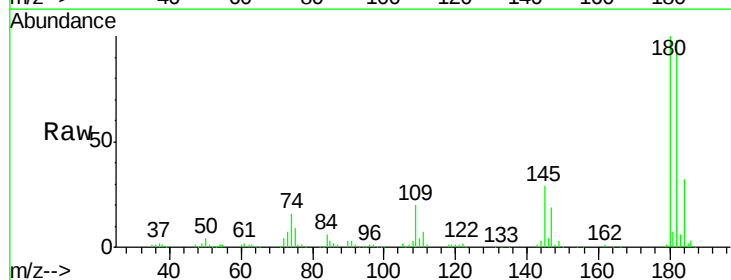
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

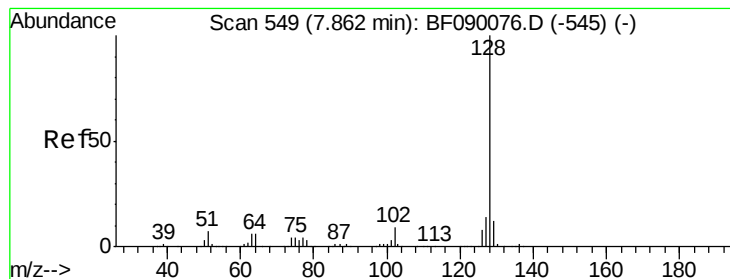
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.2	86.2
98	34.8	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 49.63 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.0	112.6
145	28.7	28.6	42.8





#31

Naphthalene

Concen: 45.82 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

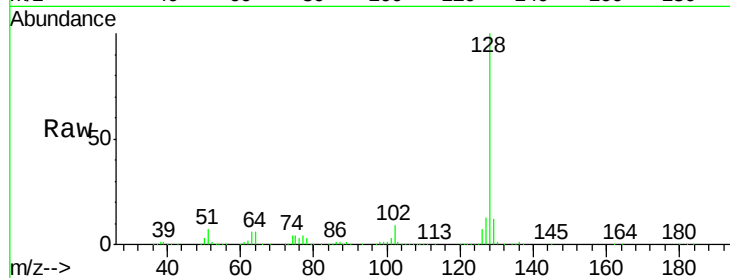
Tgt Ion:128 Resp: 1471269

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

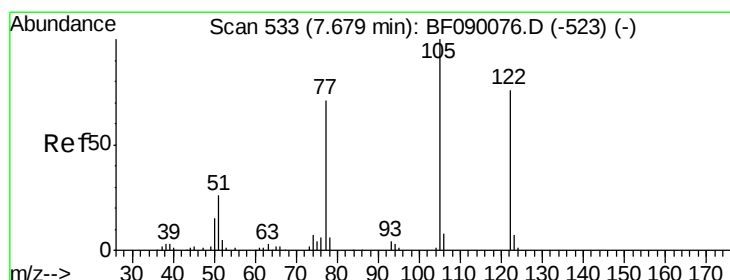
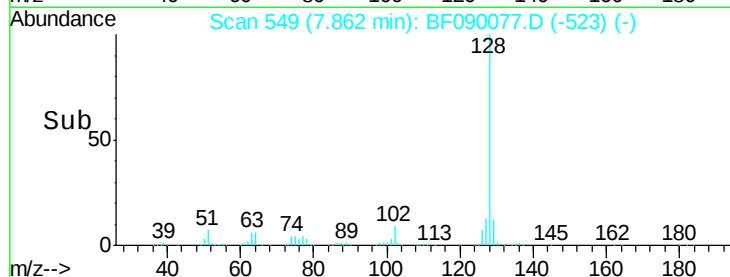
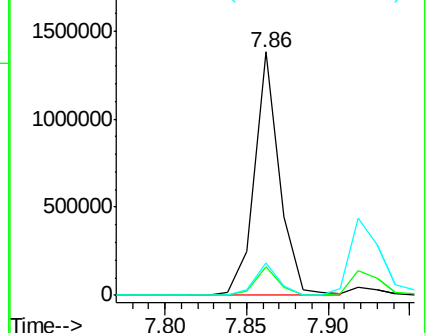
127 13.5 10.8 16.2



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: 52.61 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

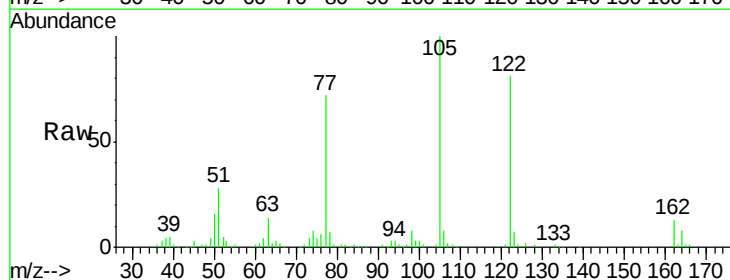
Tgt Ion:122 Resp: 421951

Ion Ratio Lower Upper

122 100

105 123.1 105.0 145.0

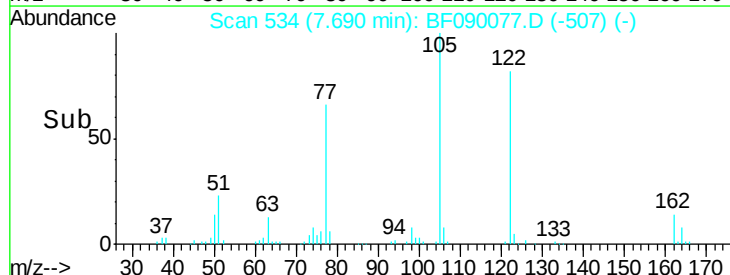
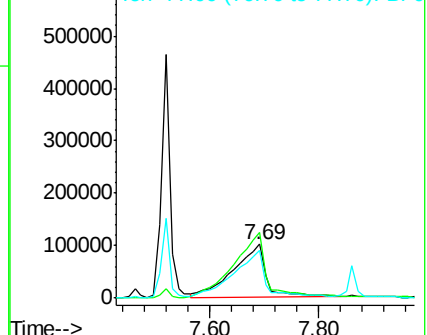
77 89.1 70.4 110.4

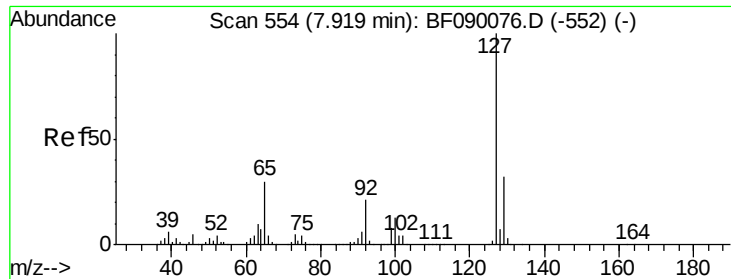


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

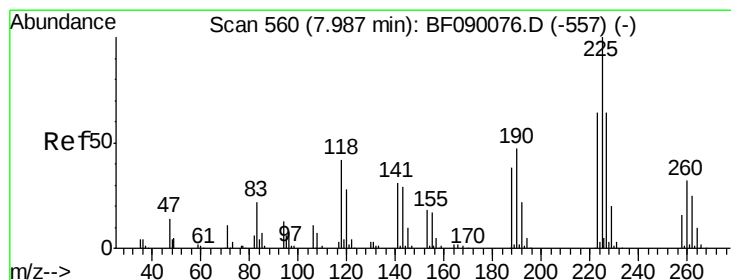
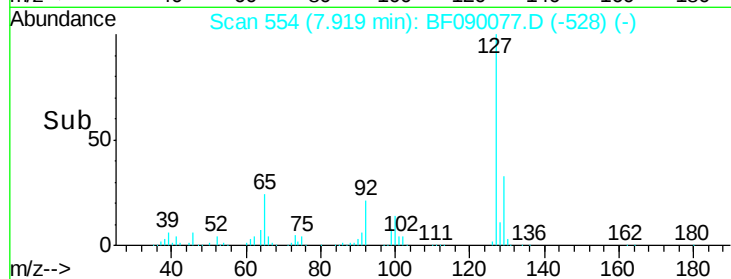
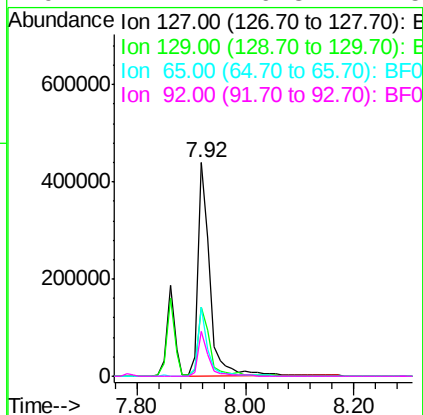
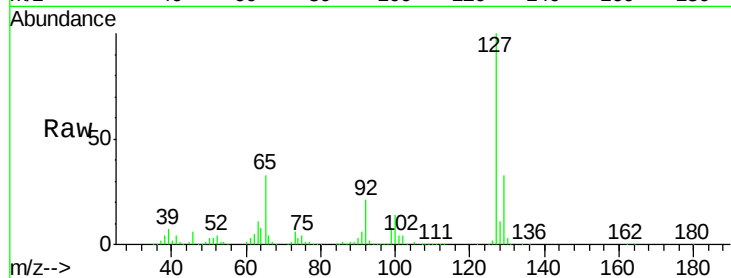




#33
4-Chloroaniline
Concen: 47.71 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

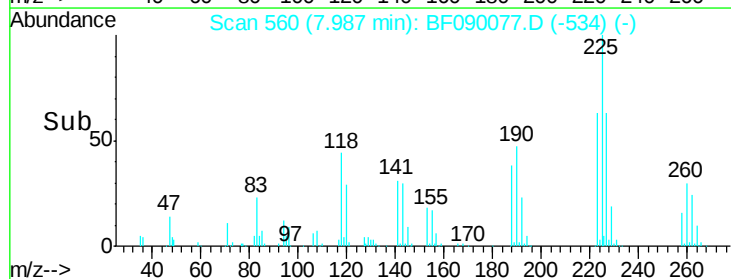
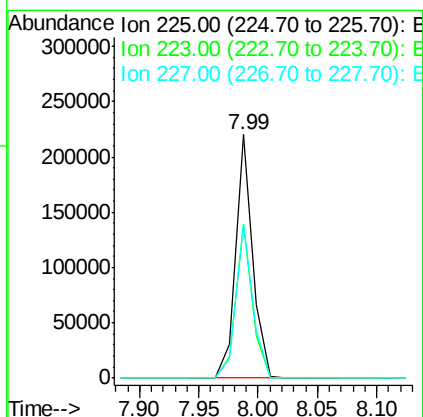
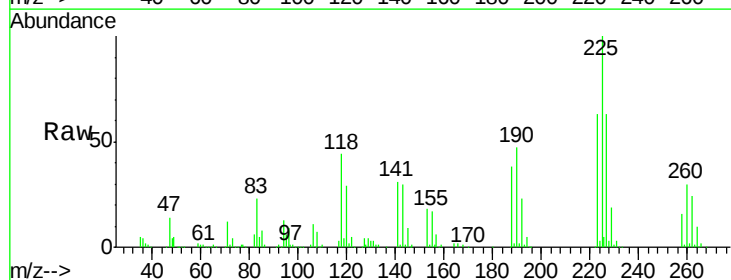
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

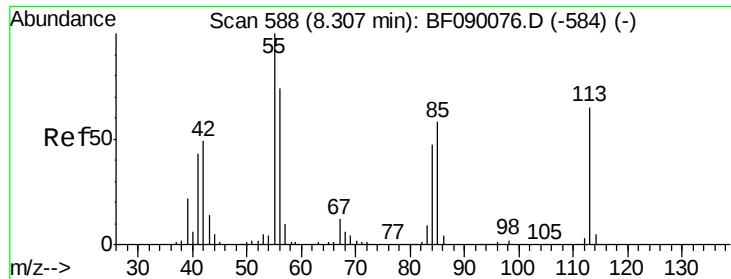
Tgt Ion:	127	Resp:	646256
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	32.6	24.1	36.1
92	21.2	16.3	24.5



#34
Hexachlorobutadiene
Concen: 47.38 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:	225	Resp:	218883
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.3	76.9
227	63.4	51.4	77.0

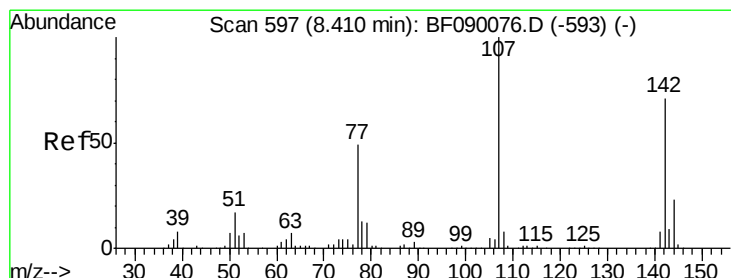
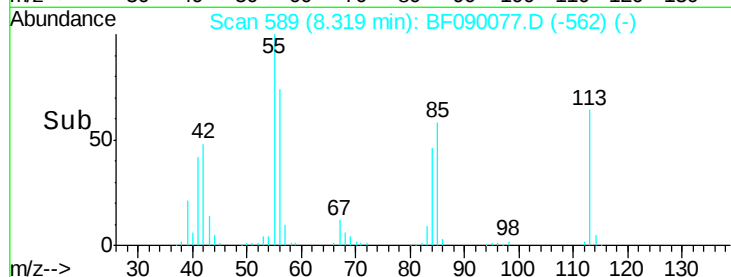
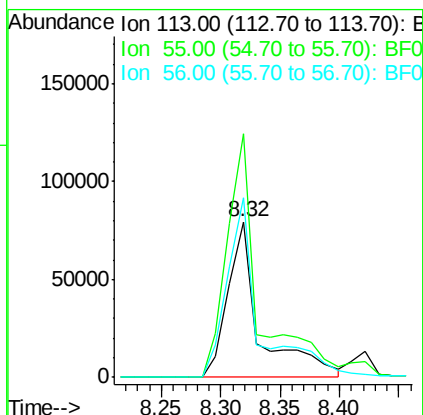
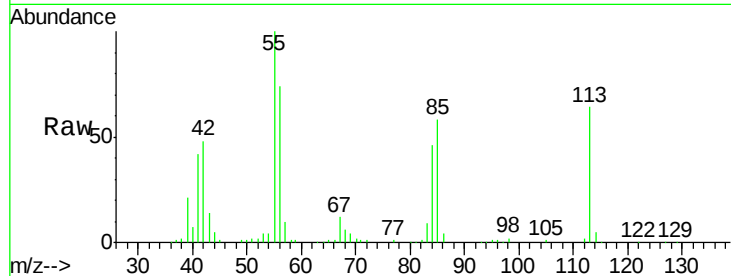




#35
Caprolactam
Concen: 47.75 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

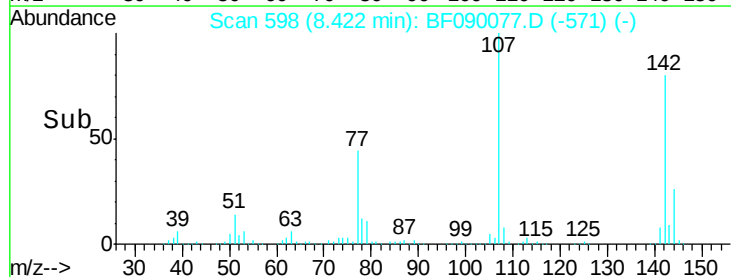
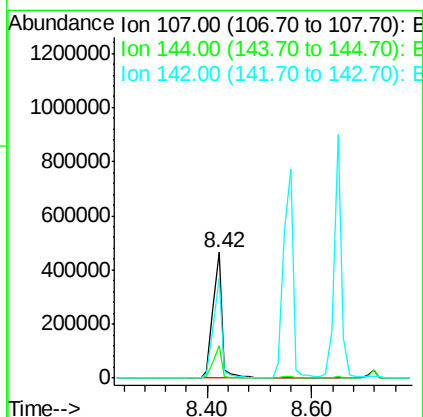
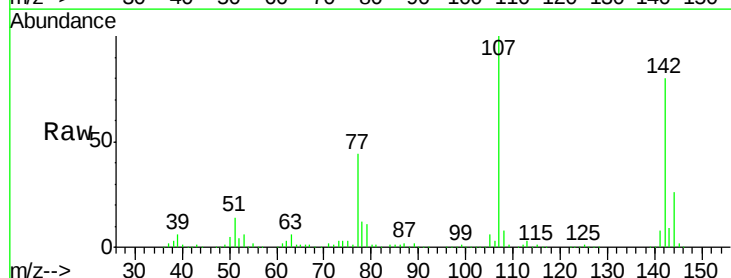
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

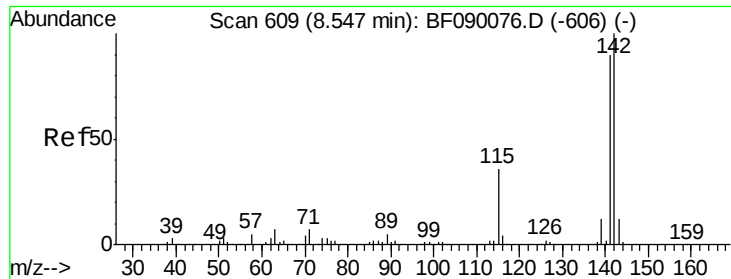
Tgt Ion:113 Resp: 149582
Ion Ratio Lower Upper
113 100
55 156.4 134.5 174.5
56 115.2 93.7 133.7



#36
4-Chloro-3-methylphenol
Concen: 53.51 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:107 Resp: 575989
Ion Ratio Lower Upper
107 100
144 26.0 18.6 27.8
142 79.7 57.0 85.6

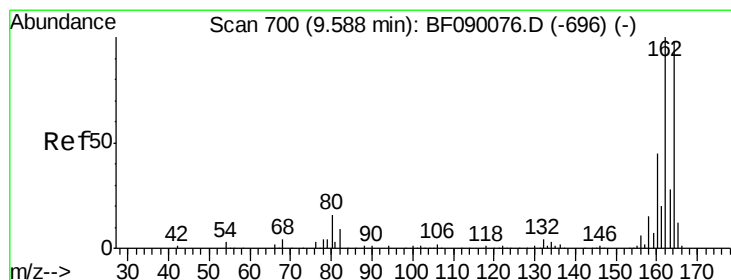
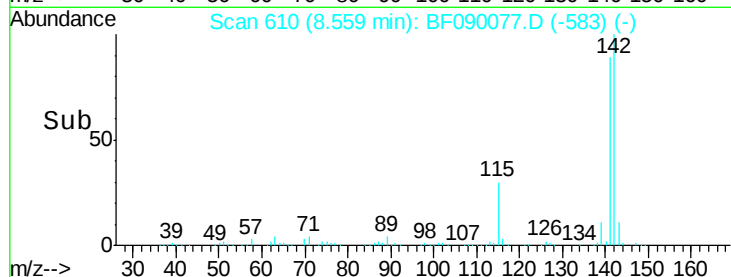
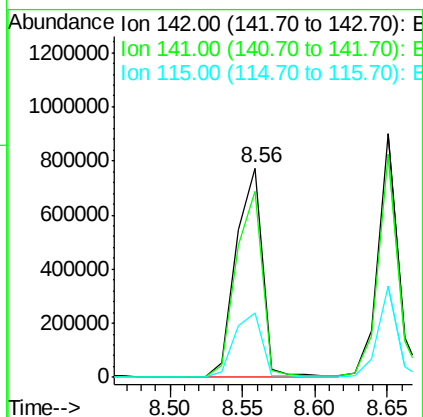
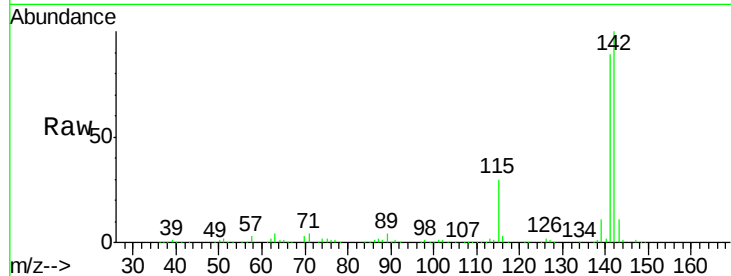




#37
 2-Methylnaphthalene
 Concen: 49.60 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

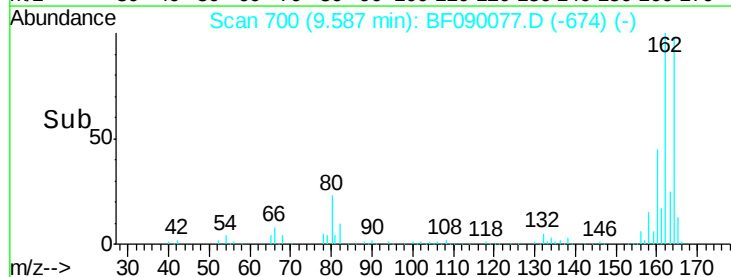
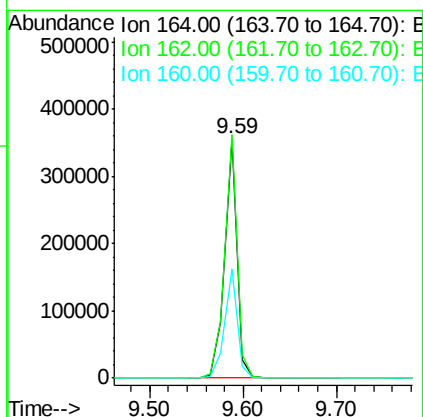
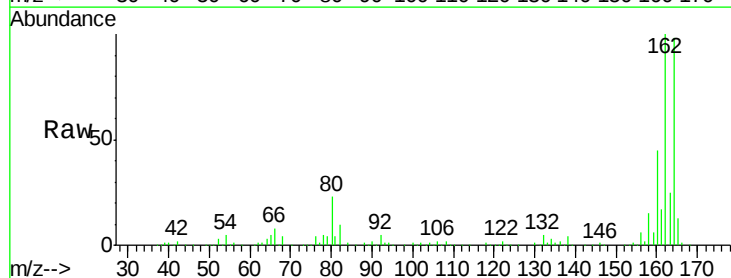
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

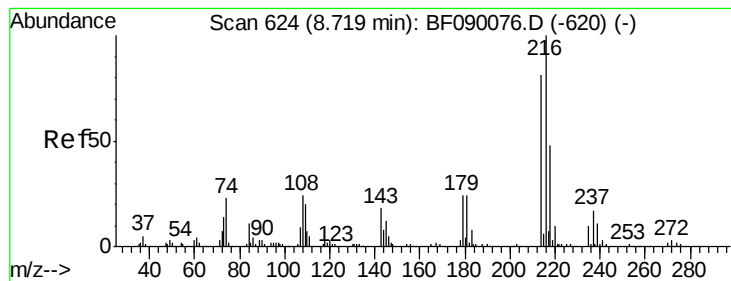
Tgt Ion:142 Resp: 984005
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 30.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion:164 Resp: 327805
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.2
 160 45.8 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.73 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 353935

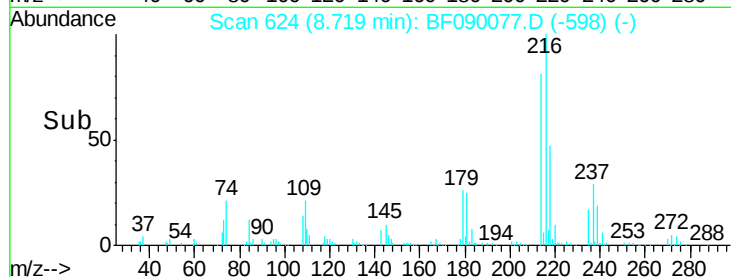
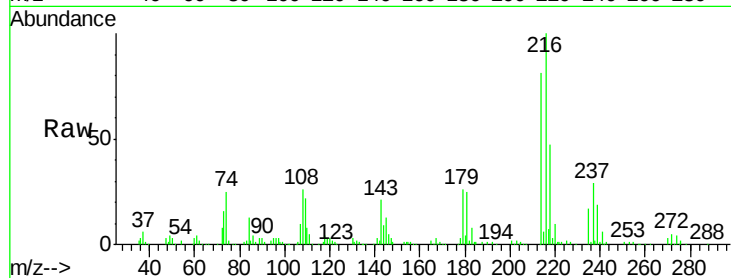
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 23.0 18.5 27.7

108 23.9 19.5 29.3

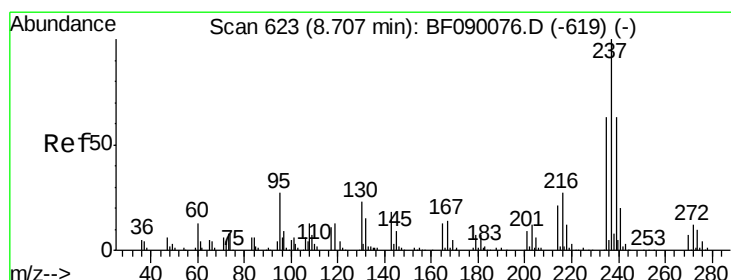
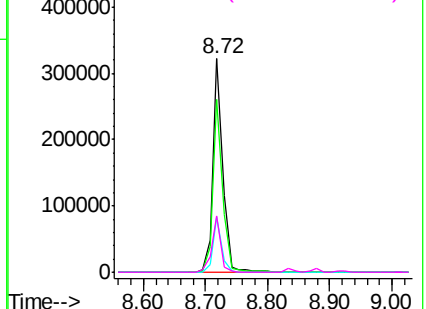


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 48.15 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

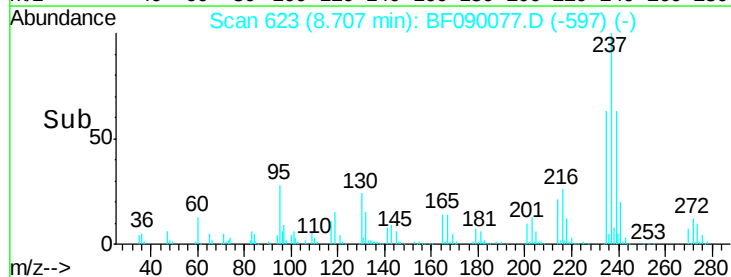
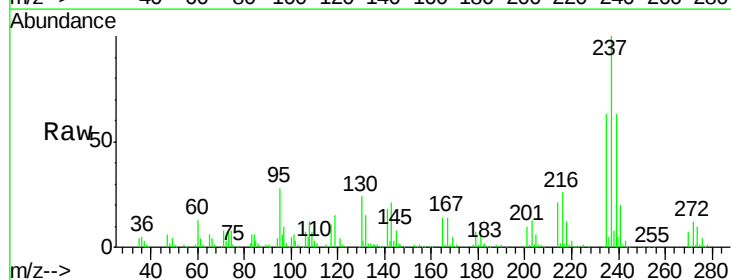
Tgt Ion:237 Resp: 211894

Ion Ratio Lower Upper

237 100

235 62.6 42.5 82.5

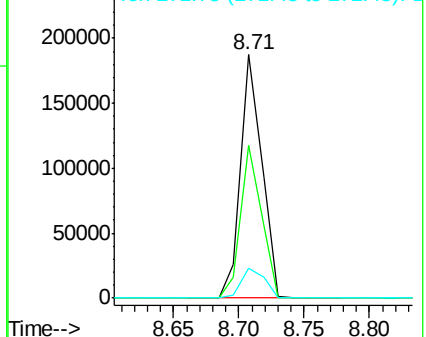
272 12.2 0.0 32.0

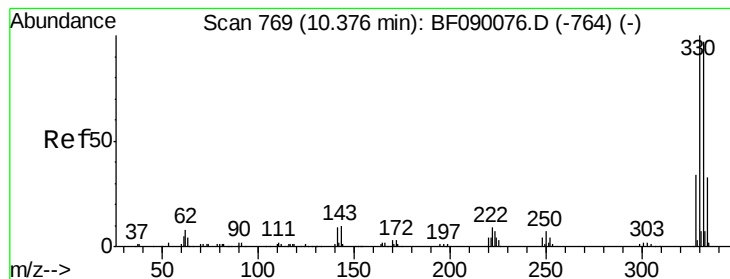


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

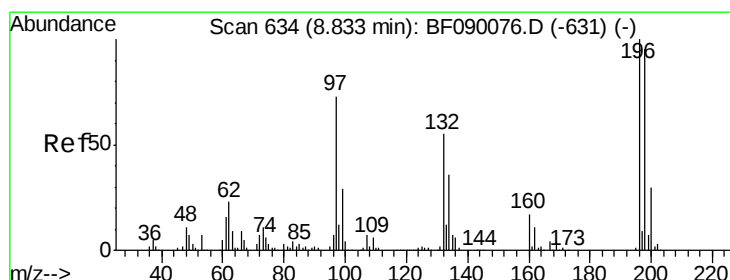
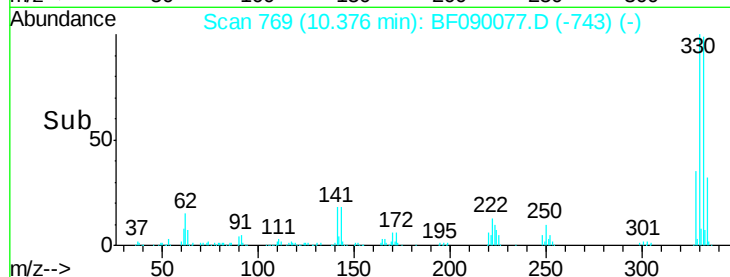
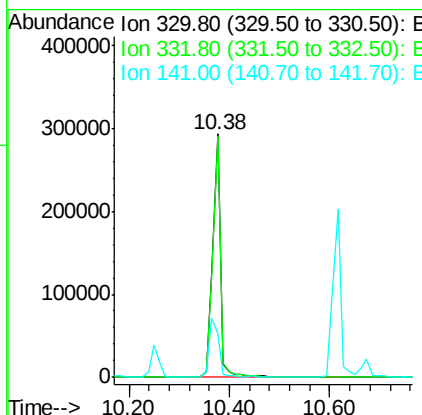
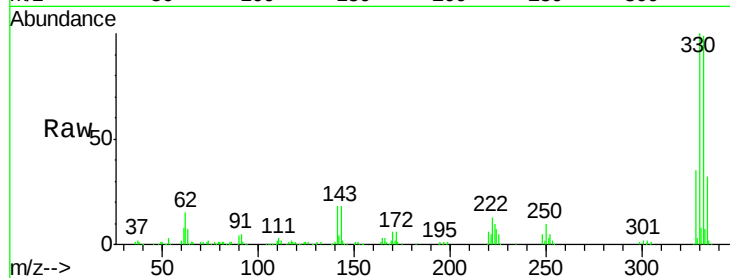




#41
 2,4,6-Tribromophenol
 Concen: 95.58 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

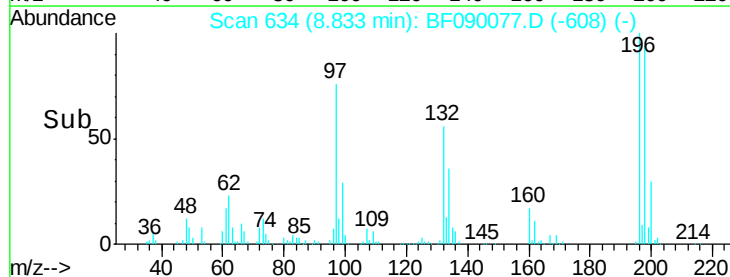
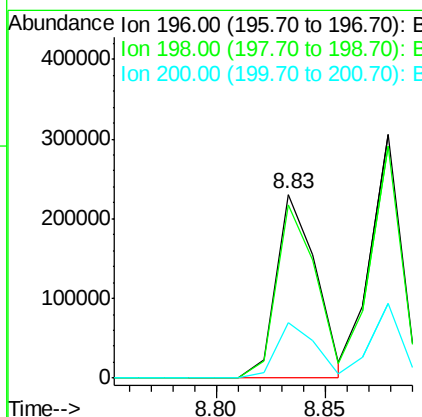
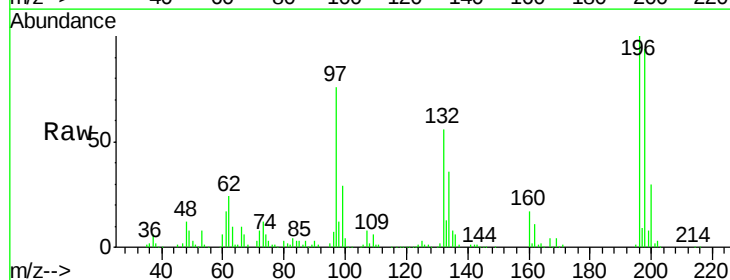
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

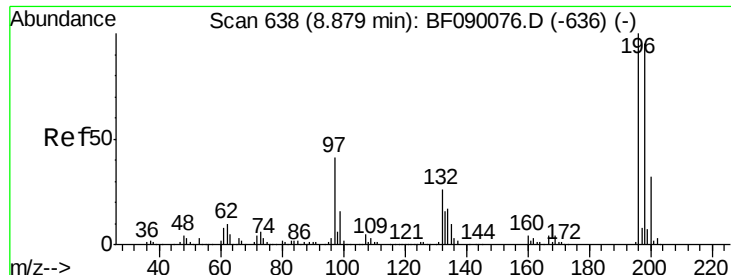
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.1	117.1
141	30.3	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.82 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.3	114.5
200	29.8	24.1	36.1

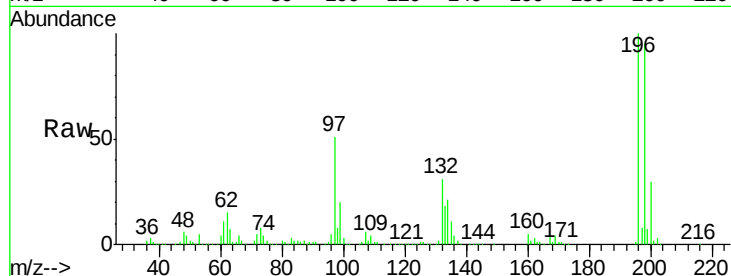




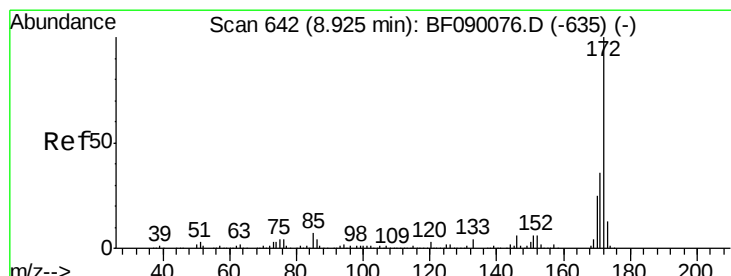
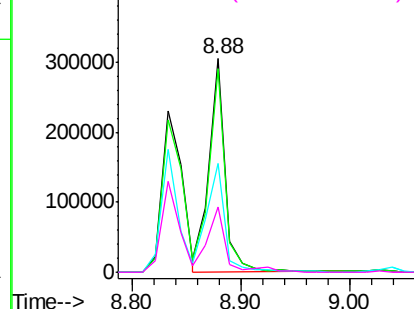
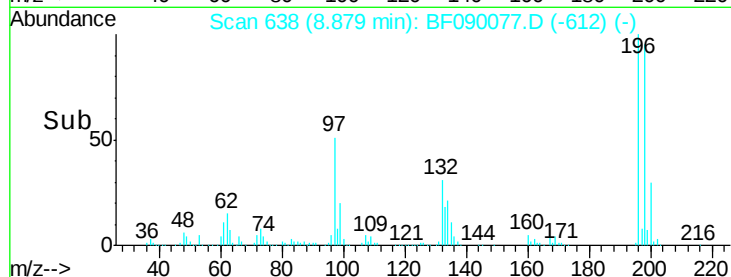
#43
 2,4,5-Trichlorophenol
 Concen: 47.53 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 318804
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 114.8
 97 51.0 34.4 51.6
 132 30.9 22.2 33.2

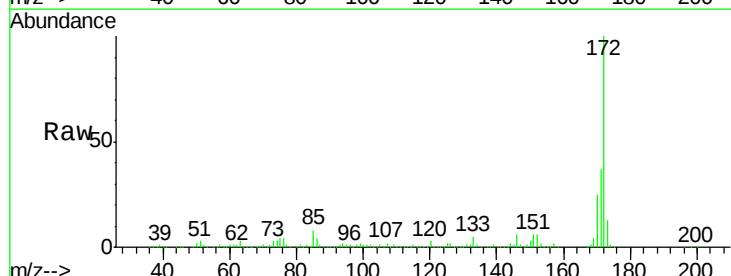


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

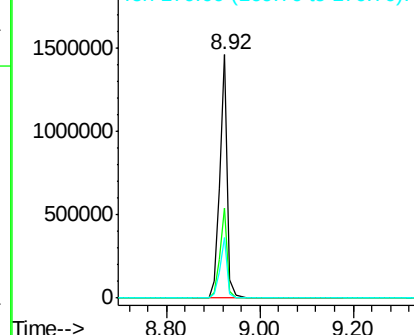
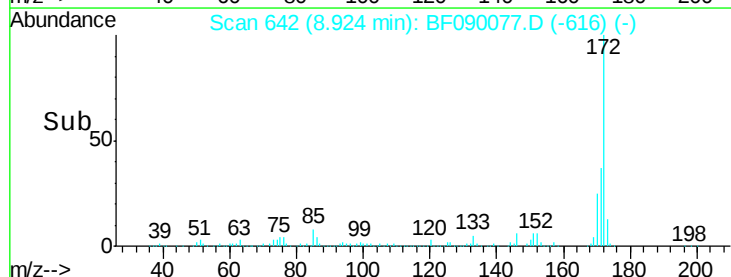


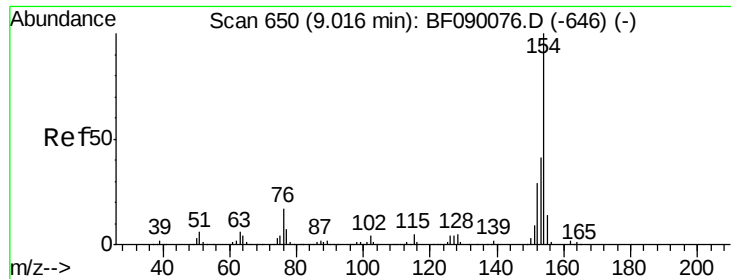
#44
 2-Fluorobiphenyl
 Concen: 78.23 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion:172 Resp: 1642897
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.2 43.8
 170 25.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

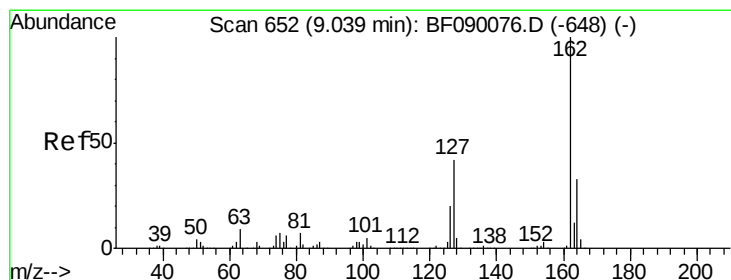
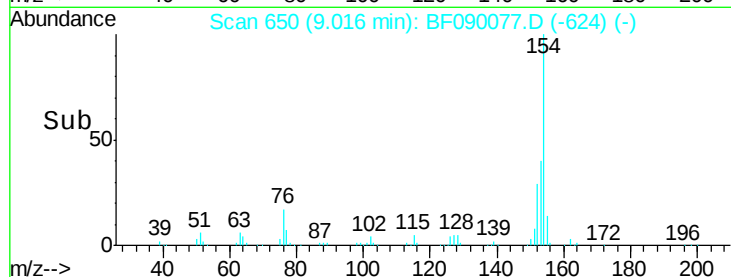
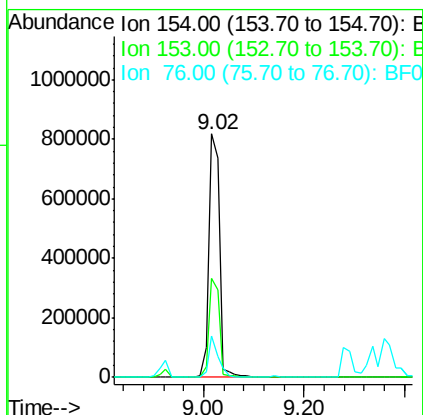
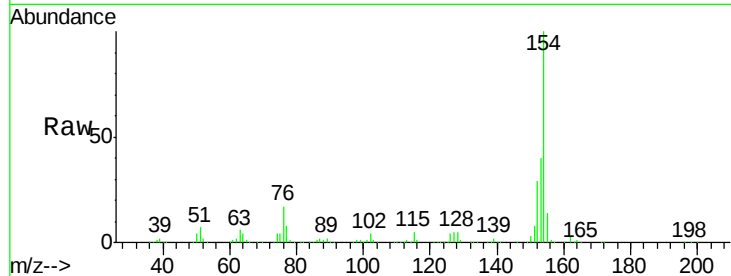




#45
 1,1'-Biphenyl
 Concen: 43.58 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

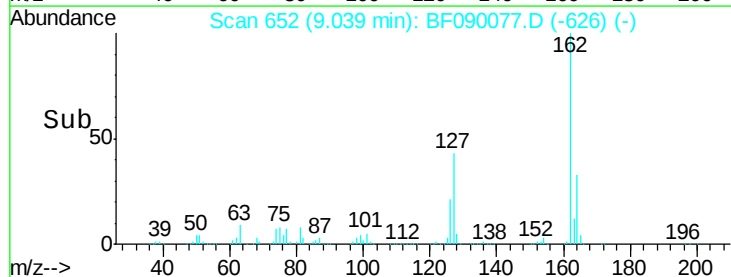
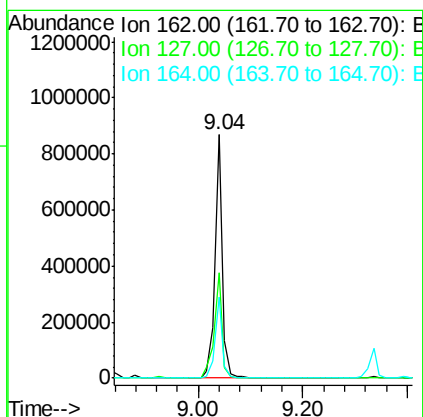
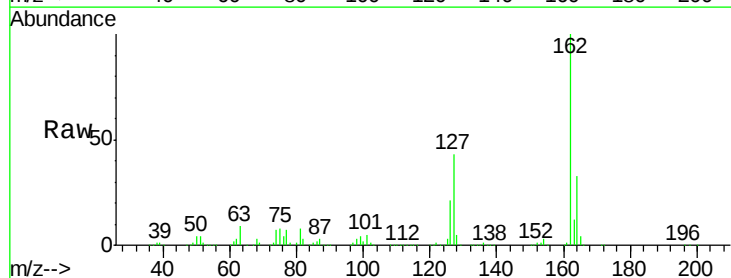
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

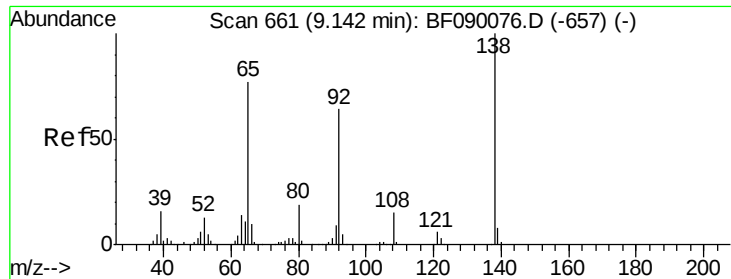
Tgt Ion:154 Resp: 1198338
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 17.2 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 44.29 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion:162 Resp: 856830
 Ion Ratio Lower Upper
 162 100
 127 43.3 34.0 51.0
 164 33.1 26.8 40.2

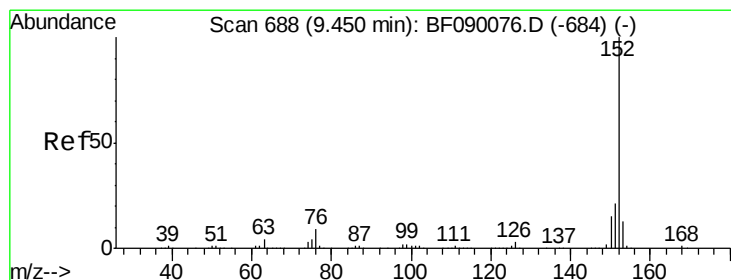
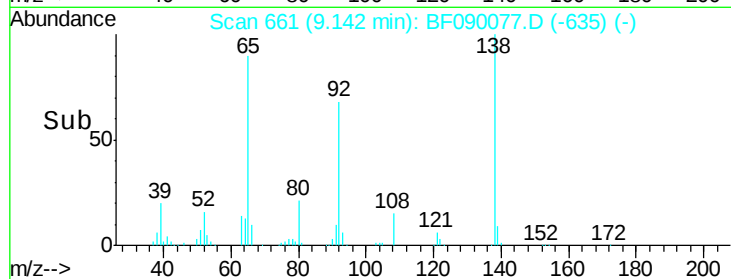
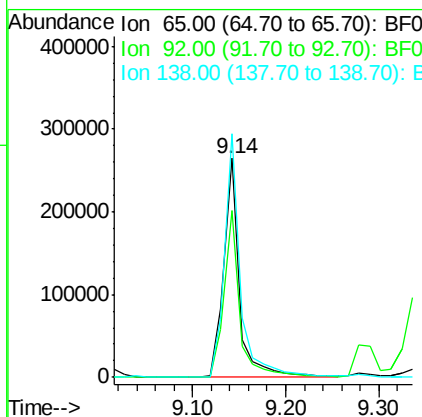
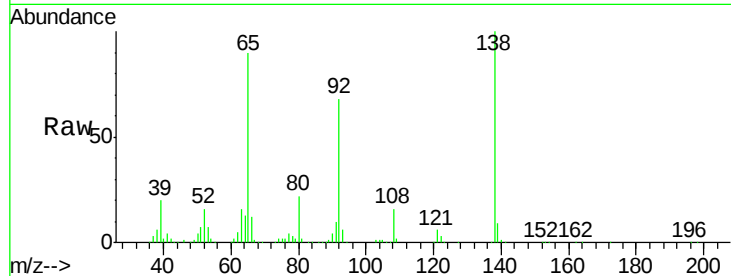




#47
 2-Nitroaniline
 Concen: 48.91 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

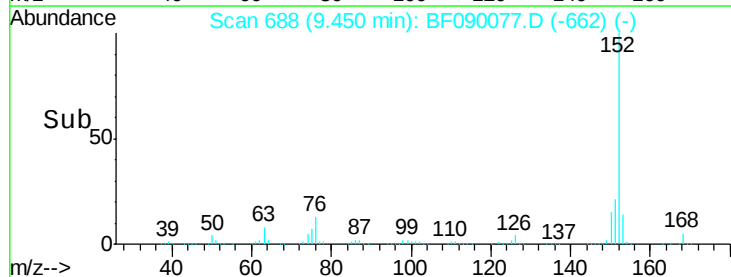
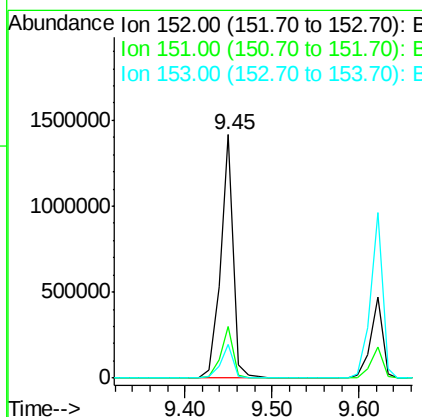
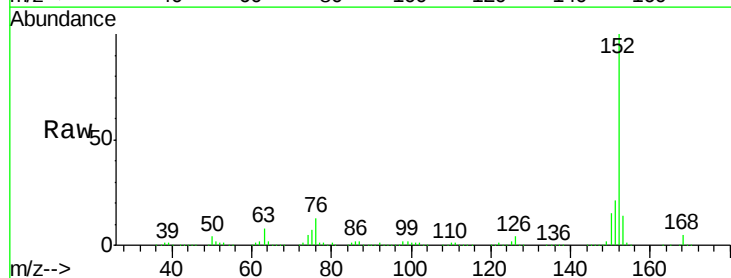
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

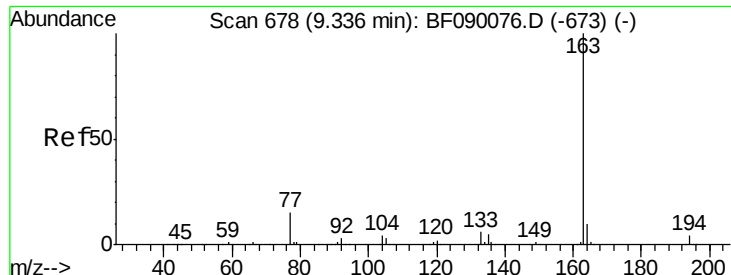
Tgt Ion: 65 Resp: 310898
 Ion Ratio Lower Upper
 65 100
 92 76.2 66.1 99.1
 138 111.3 104.1 156.1



#48
 Acenaphthylene
 Concen: 43.51 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion: 152 Resp: 1455348
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.5 24.7
 153 13.7 10.6 15.8





#49

Dimethylphthalate

Concen: 43.98 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

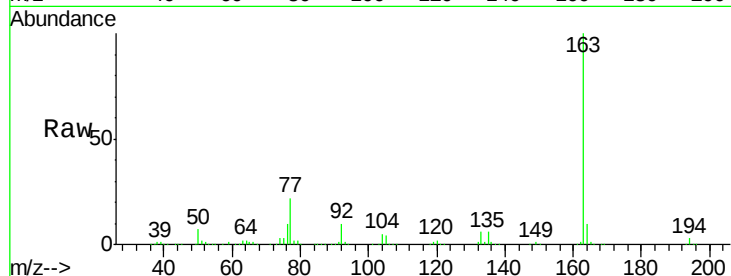
Tgt Ion:163 Resp: 1073151

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

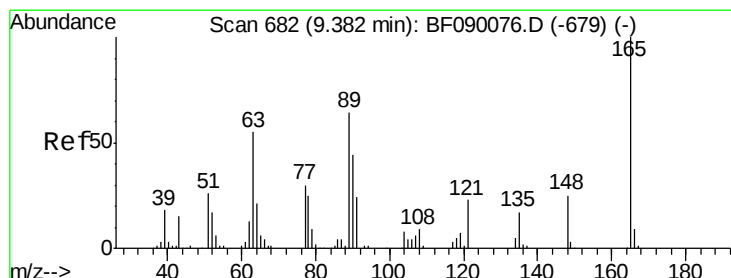
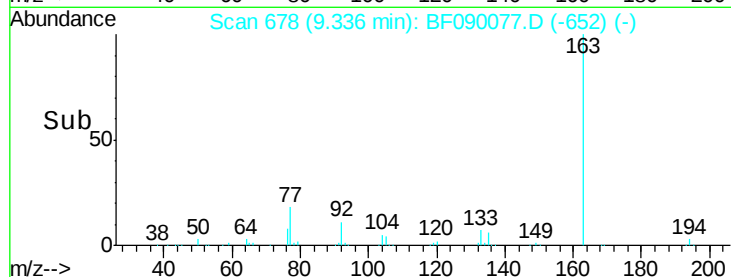
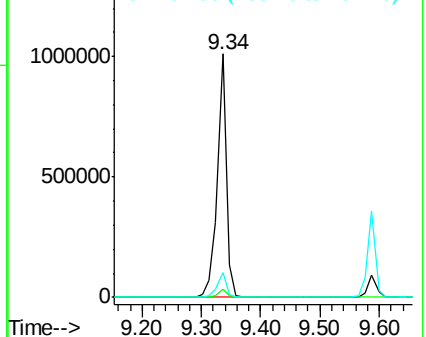
164 10.4 8.1 12.1



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: 52.28 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

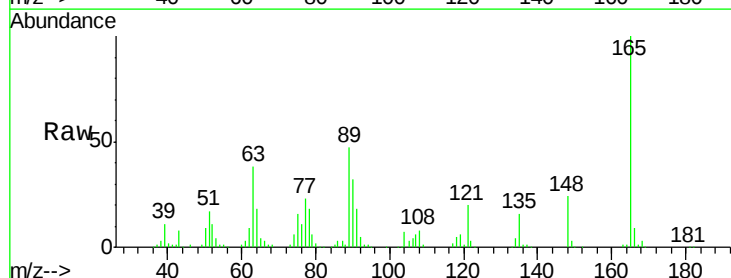
Tgt Ion:165 Resp: 284398

Ion Ratio Lower Upper

165 100

63 38.1 49.9 74.9#

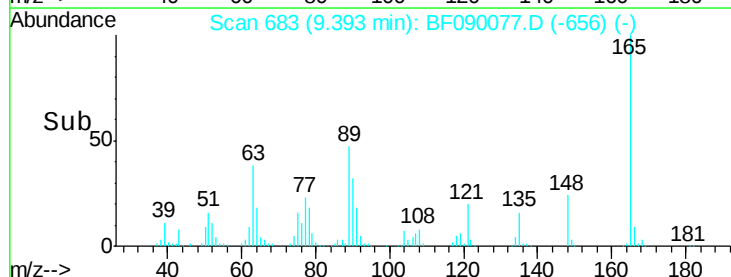
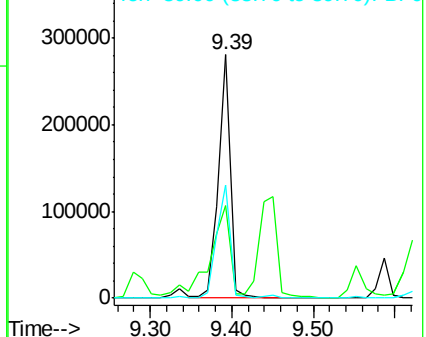
89 46.5 51.0 76.4#

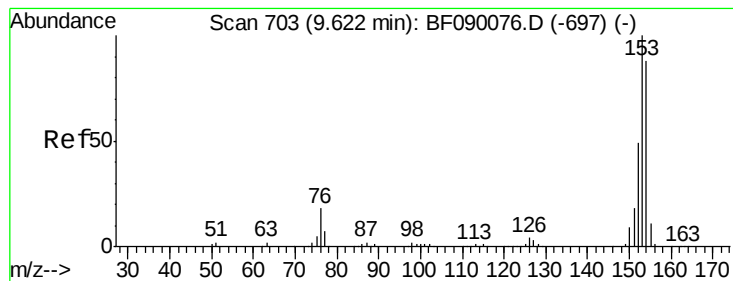


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.03 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

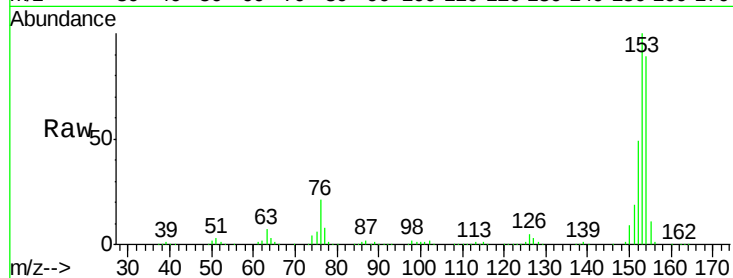
Tgt Ion:154 Resp: 820451

Ion Ratio Lower Upper

154 100

153 112.0 90.8 136.2

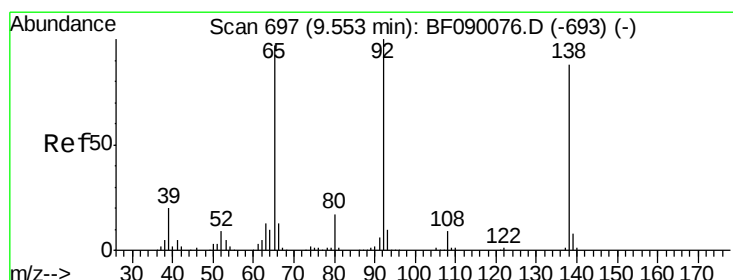
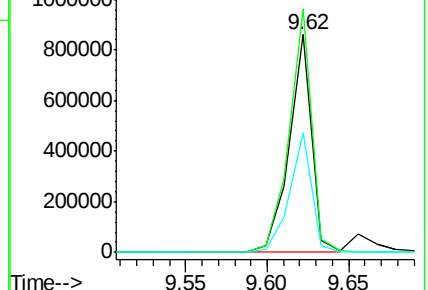
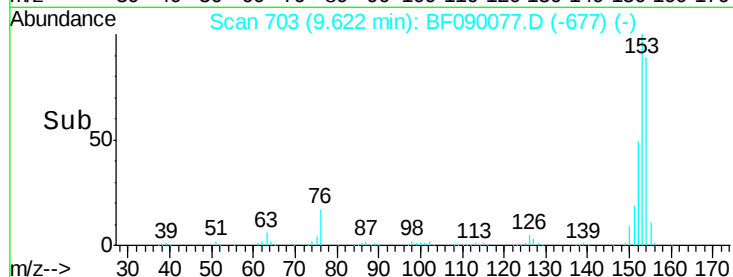
152 55.0 44.2 66.4



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: 44.34 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

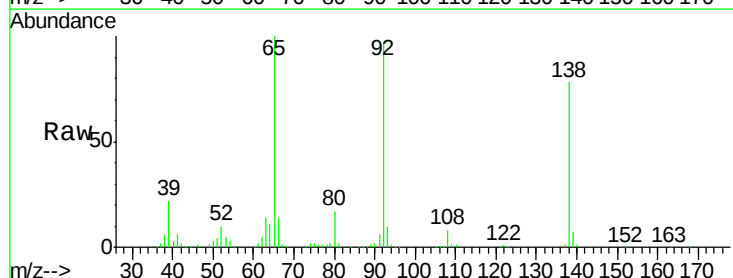
Tgt Ion:138 Resp: 293122

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

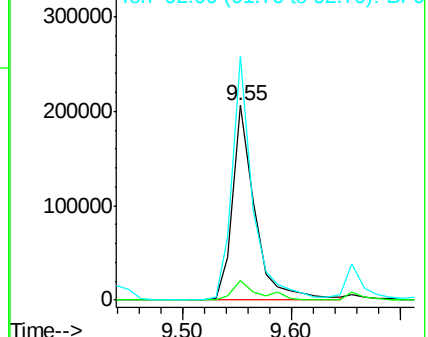
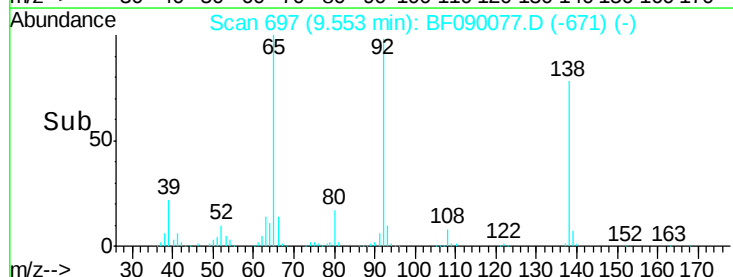
92 125.0 90.7 136.1

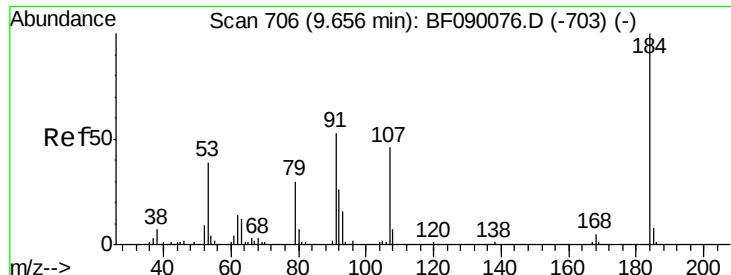


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

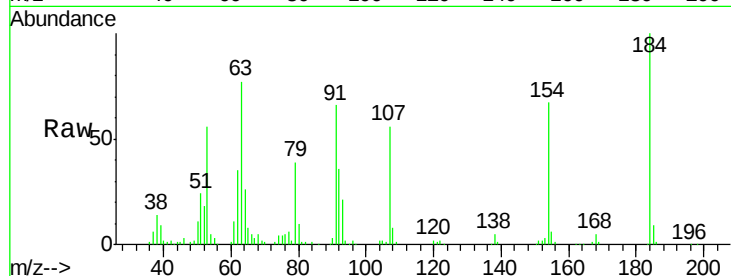




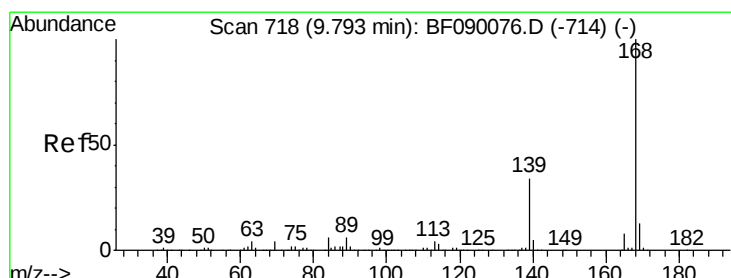
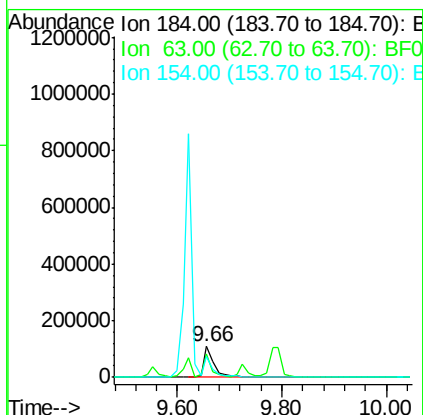
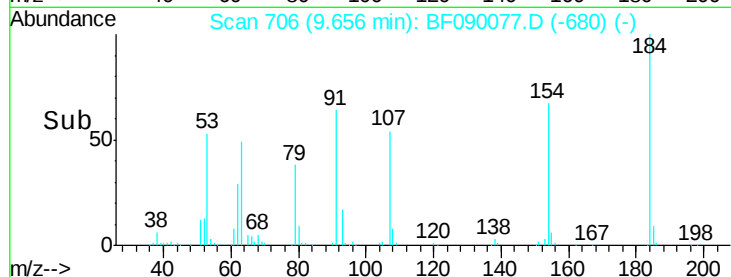
#53
2,4-Dinitrophenol
Concen: 57.66 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:184 Resp: 148792
Ion Ratio Lower Upper
184 100
63 76.6 44.6 67.0#
154 67.0 49.7 74.5

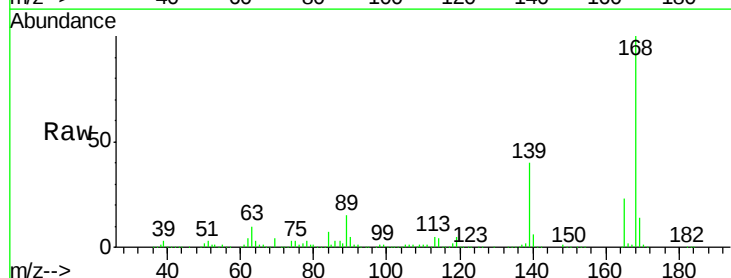


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

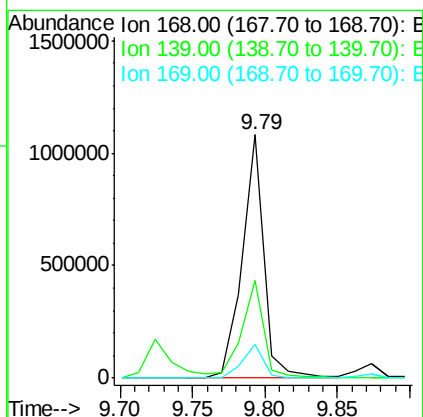
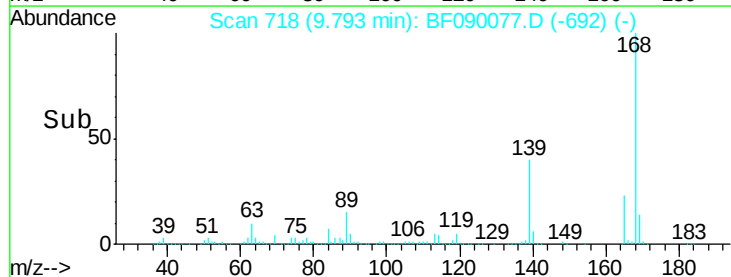


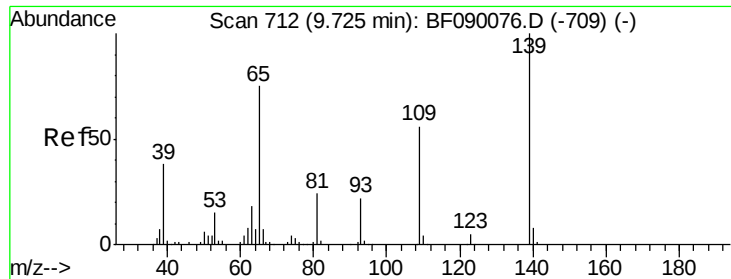
#54
Dibenzofuran
Concen: 42.93 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:168 Resp: 1122603
Ion Ratio Lower Upper
168 100
139 40.3 28.8 43.2
169 13.7 10.7 16.1



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





#55

4-Nitrophenol

Concen: 33.24 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

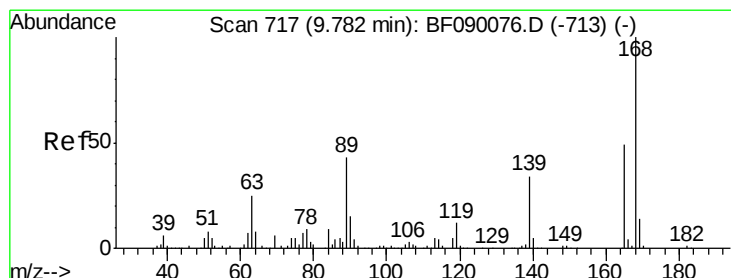
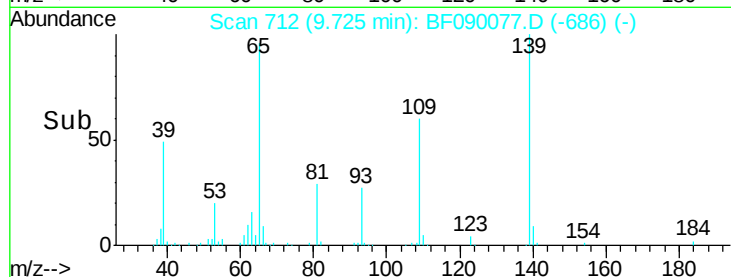
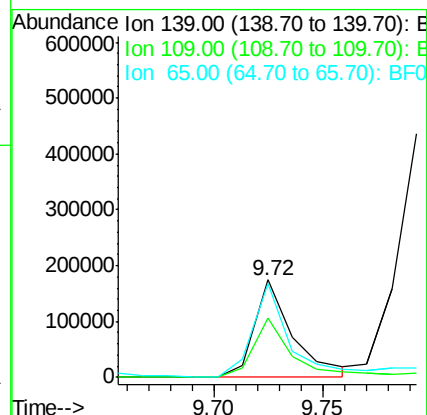
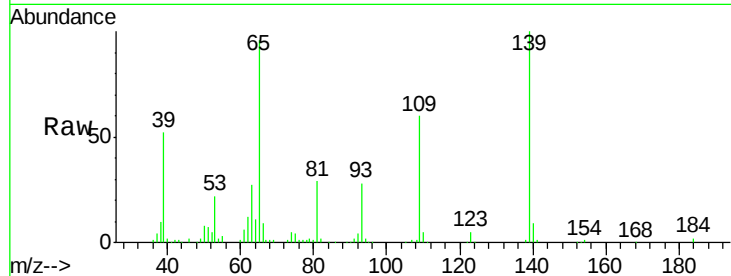
Tgt Ion:139 Resp: 215535

Ion Ratio Lower Upper

139 100

109 60.5 35.6 75.6

65 96.2 55.5 95.5#



#56

2,4-Dinitrotoluene

Concen: 48.18 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Tgt Ion:165 Resp: 320662

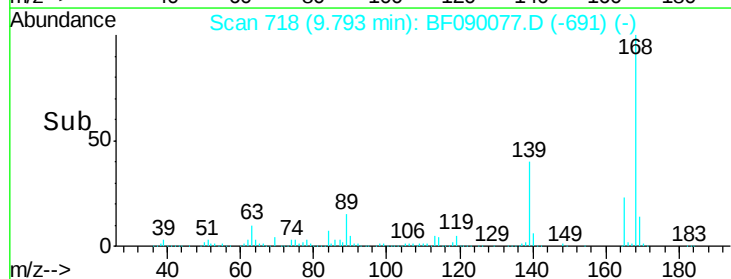
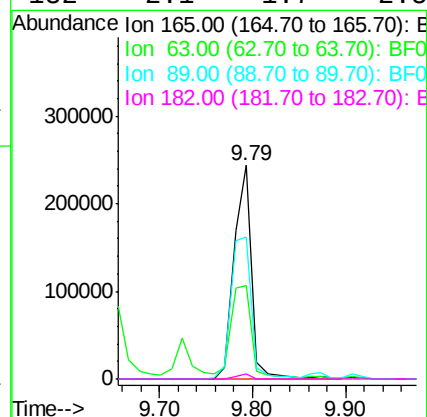
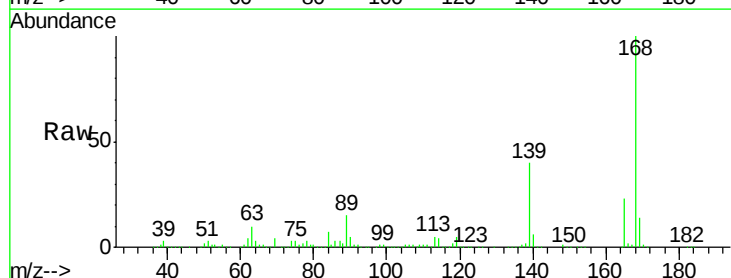
Ion Ratio Lower Upper

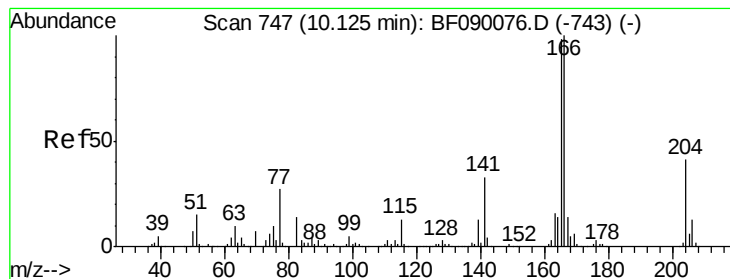
165 100

63 44.0 44.4 66.6#

89 66.6 70.1 105.1#

182 2.1 1.7 2.5





#57

Fluorene

Concen: 45.56 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

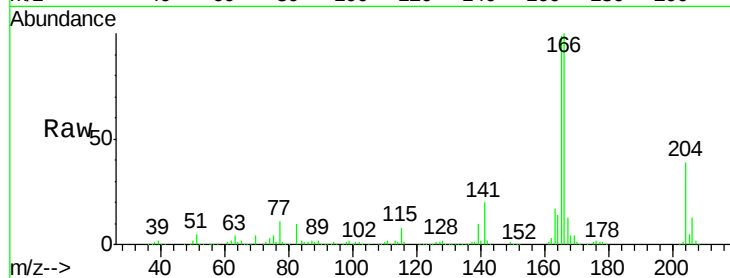
Tgt Ion:166 Resp: 932144

Ion Ratio Lower Upper

166 100

165 99.4 78.5 117.7

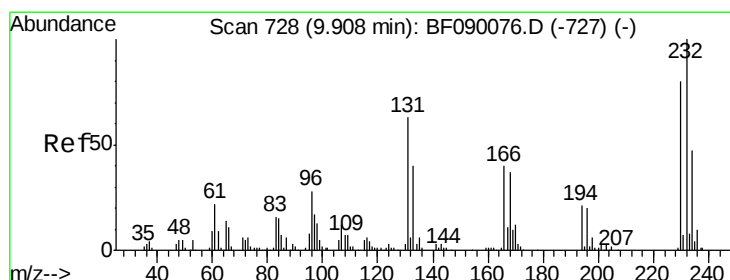
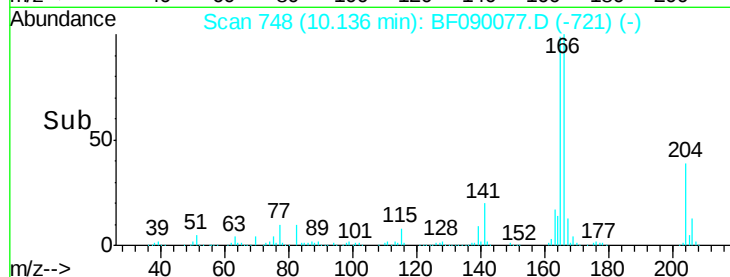
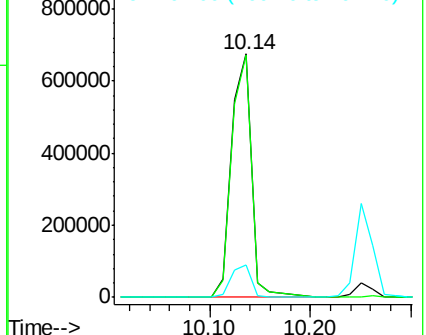
167 13.2 11.2 16.8



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: 44.89 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Tgt Ion:232 Resp: 227424

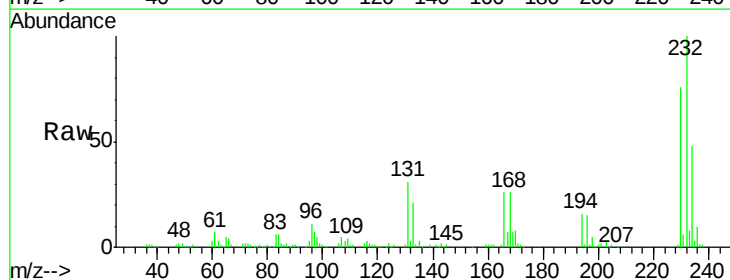
Ion Ratio Lower Upper

232 100

131 51.6 42.2 63.4

130 2.1 1.9 2.9

166 32.8 26.4 39.6

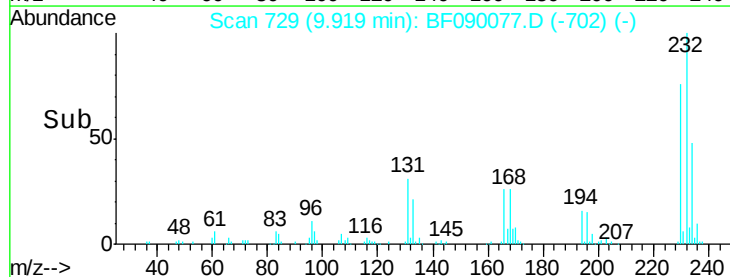
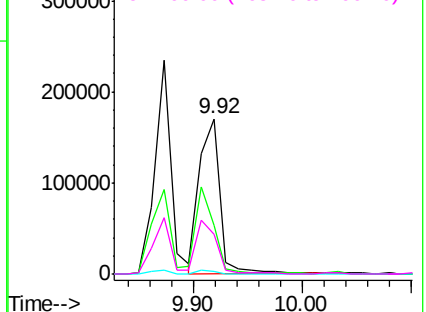


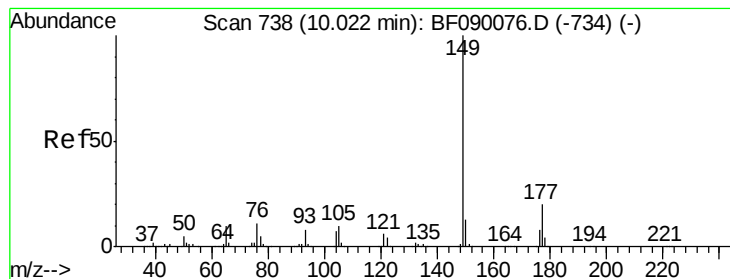
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.62 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

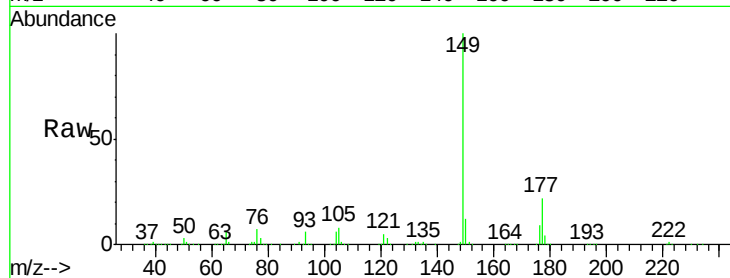
Tgt Ion:149 Resp: 1121463

Ion Ratio Lower Upper

149 100

177 22.5 15.8 23.6

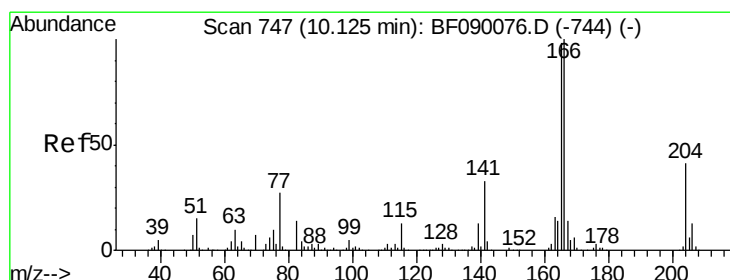
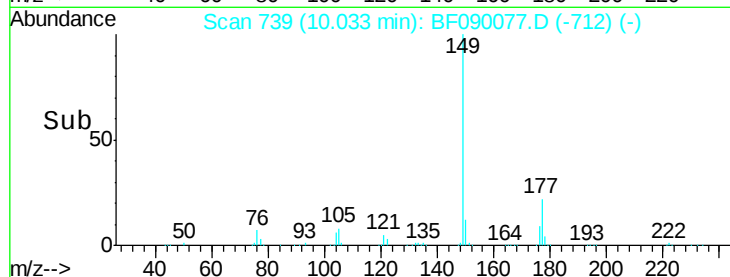
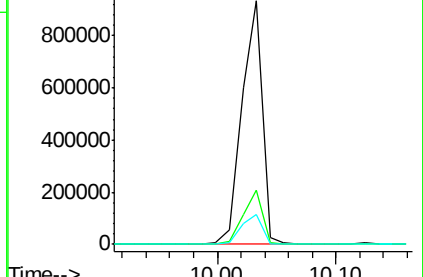
150 12.4 10.4 15.6



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: 41.61 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

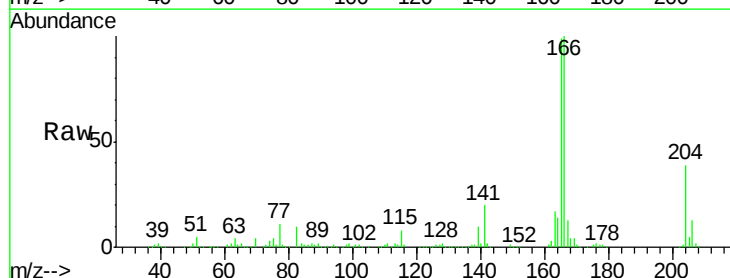
Tgt Ion:204 Resp: 362479

Ion Ratio Lower Upper

204 100

206 32.5 25.6 38.4

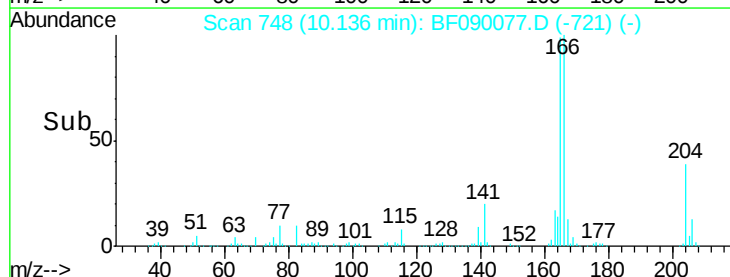
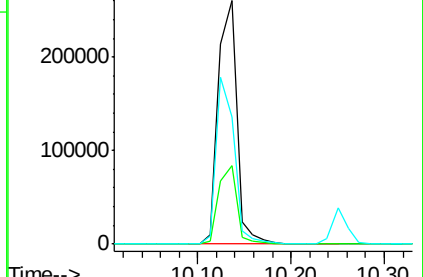
141 52.3 64.4 96.6#

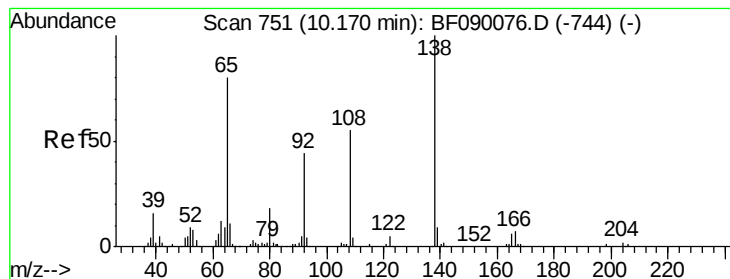


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.65 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

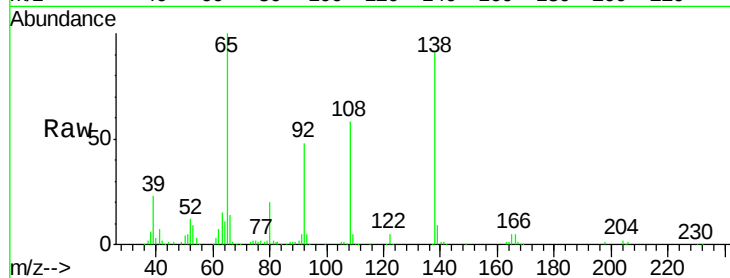
Tgt Ion: 138 Resp: 308888

Ion Ratio Lower Upper

138 100

92 52.6 23.8 63.8

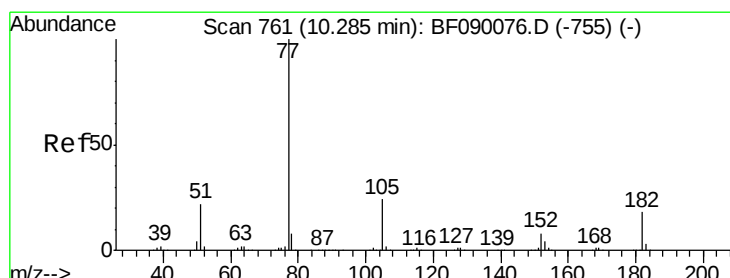
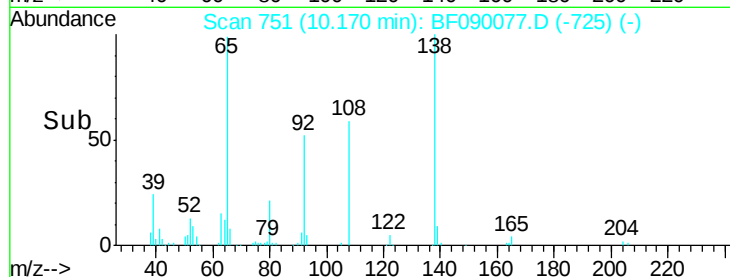
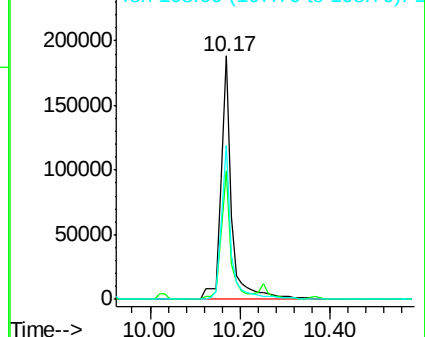
108 63.1 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.16 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Tgt Ion: 77 Resp: 1104715

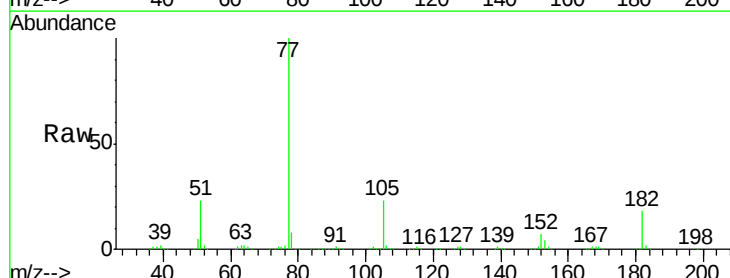
Ion Ratio Lower Upper

77 100

182 17.6 0.0 38.4

105 23.2 3.8 43.8

51 23.4 2.6 42.6

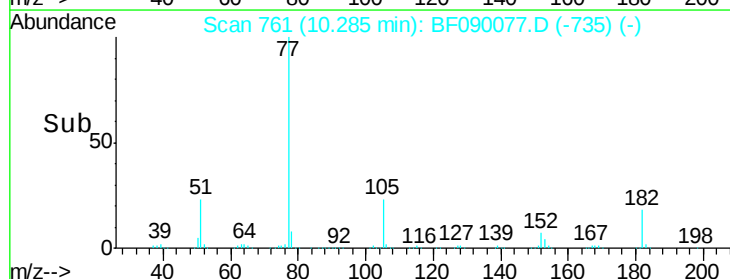
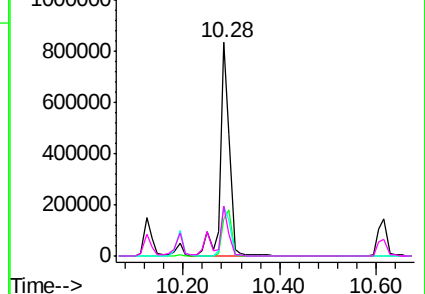


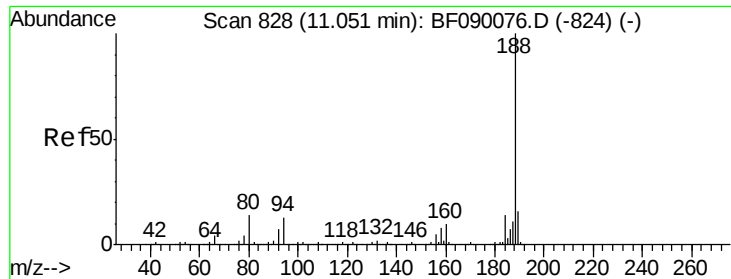
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

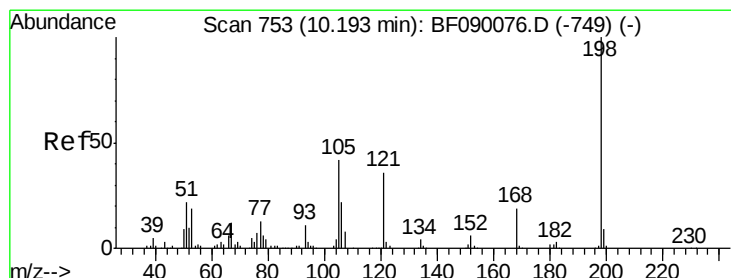
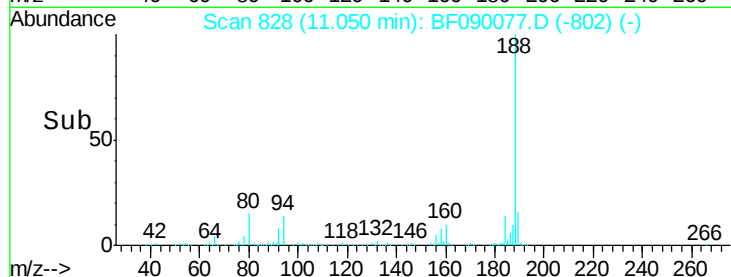
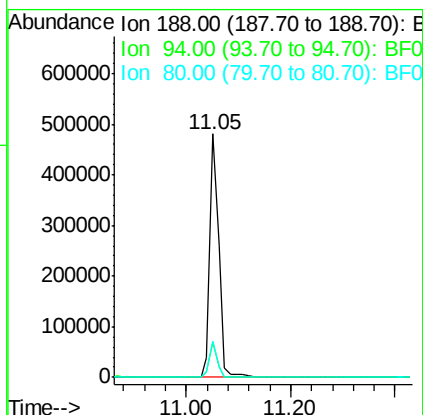
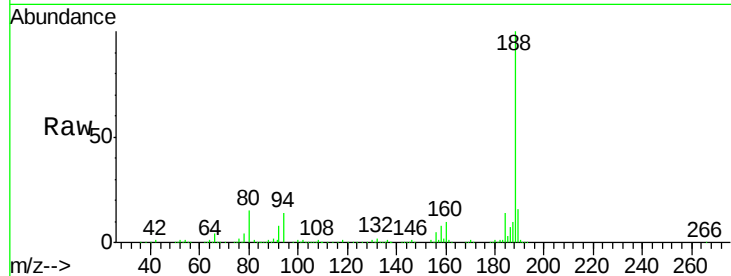




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

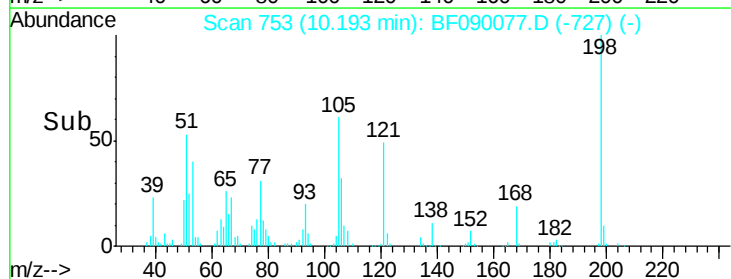
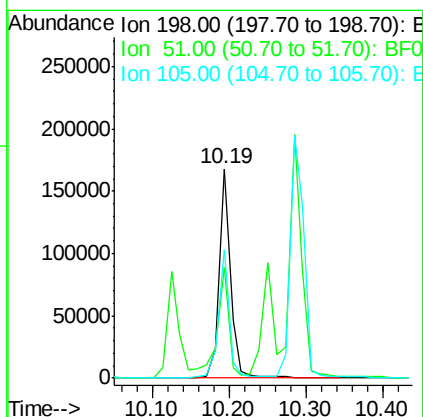
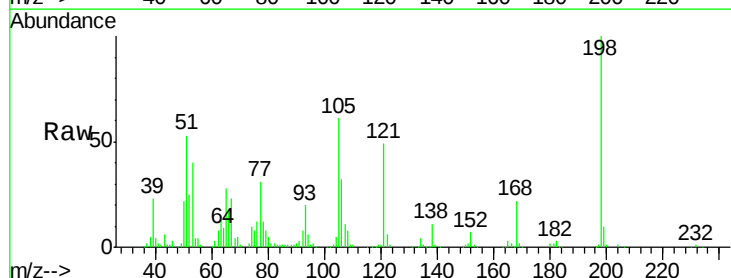
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

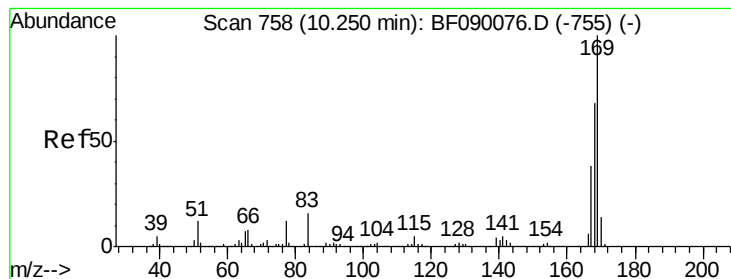
Tgt Ion:188 Resp: 570271
Ion Ratio Lower Upper
188 100
94 14.2 10.5 15.7
80 14.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 47.48 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:198 Resp: 175074
Ion Ratio Lower Upper
198 100
51 53.0 5.5 45.5#
105 61.1 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 46.16 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

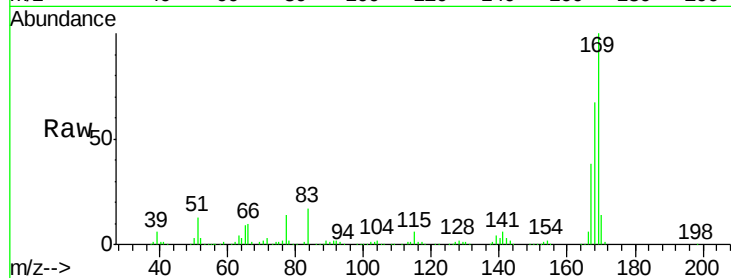
Tgt Ion:169 Resp: 841276

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

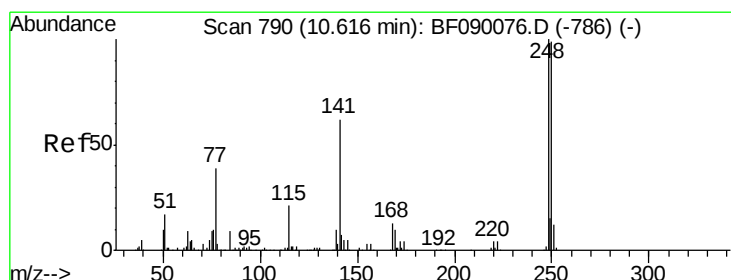
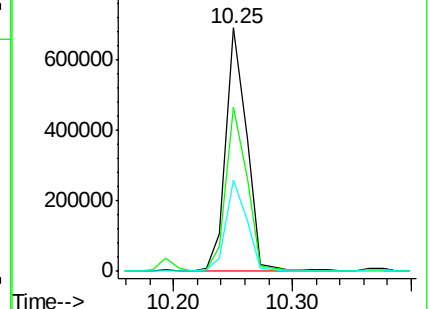
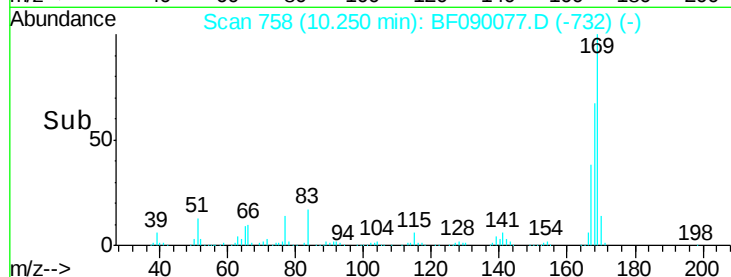
167 37.6 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.60 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

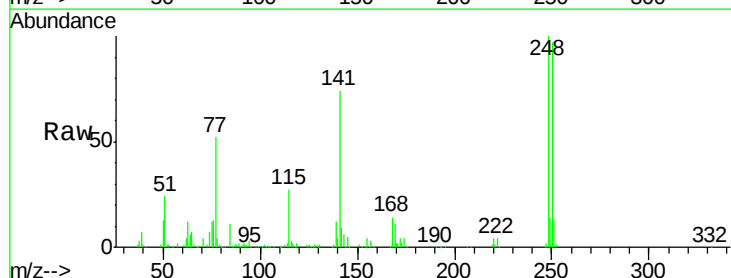
Tgt Ion:248 Resp: 277042

Ion Ratio Lower Upper

248 100

250 97.1 79.4 119.2

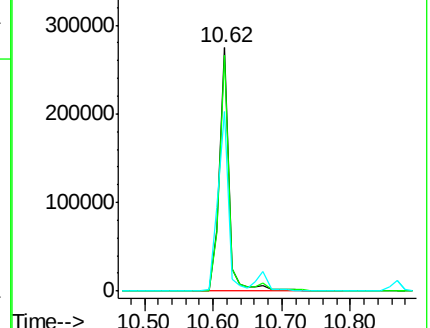
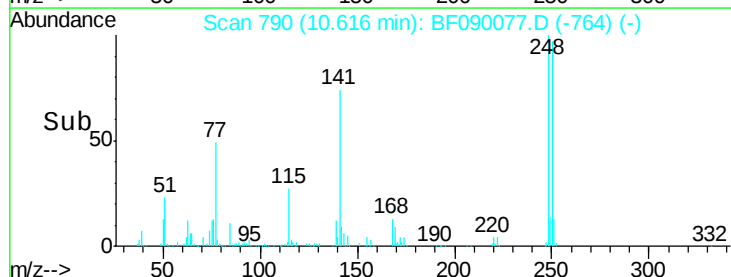
141 74.0 49.3 73.9#

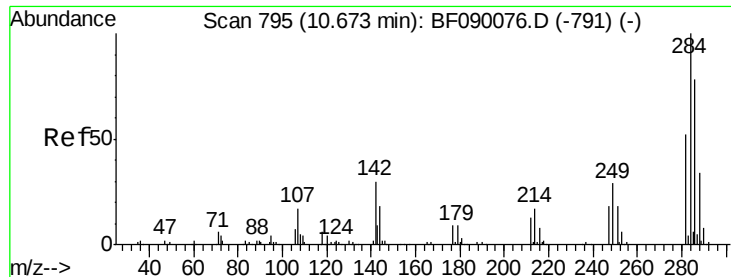


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

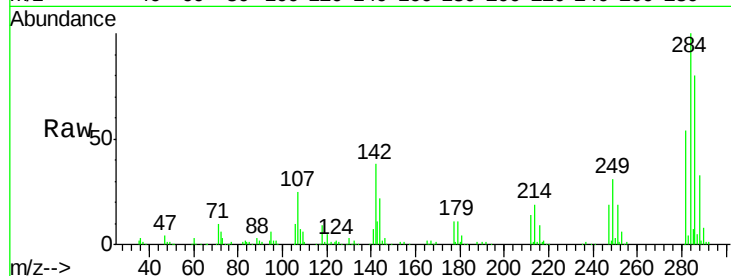




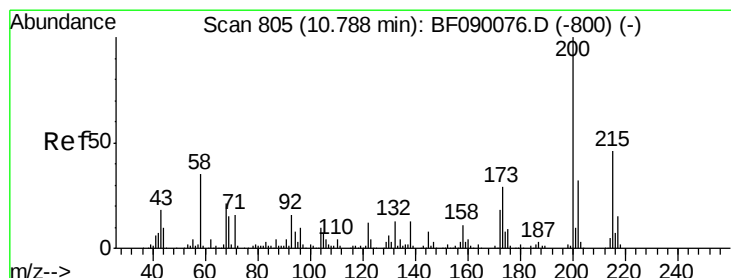
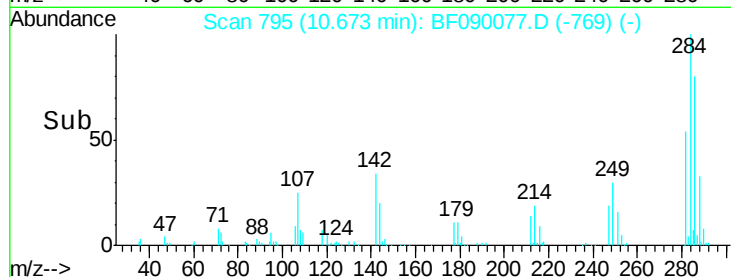
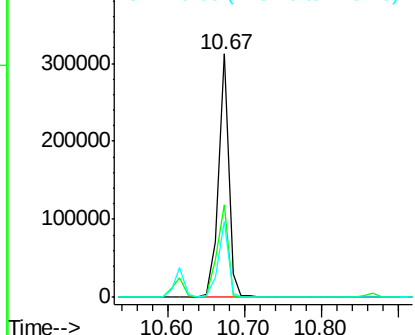
#67
Hexachlorobenzene
Concen: 45.33 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 284 Resp: 291141
Ion Ratio Lower Upper
284 100
142 37.8 24.0 36.0#
249 30.9 23.8 35.6

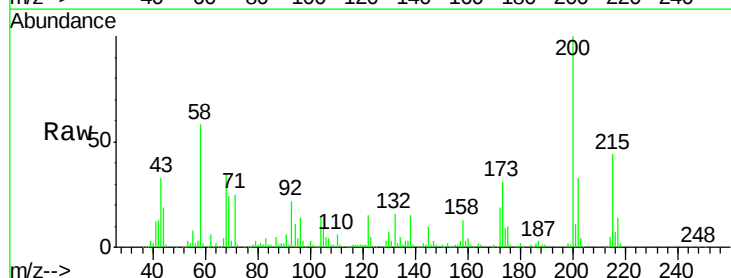


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

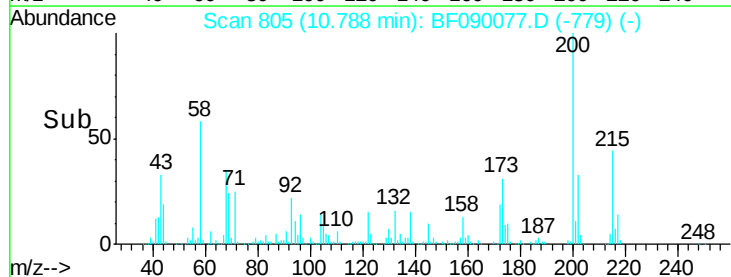
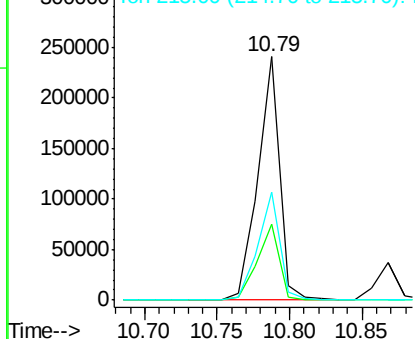


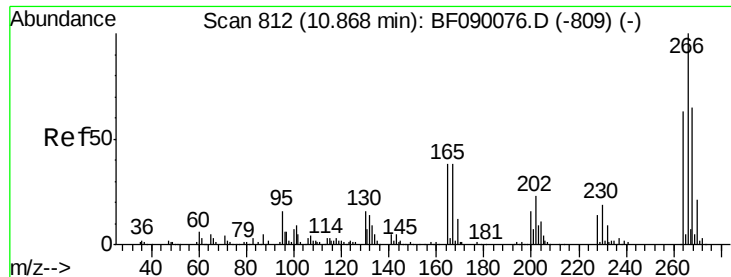
#68
Atrazine
Concen: 47.50 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion: 200 Resp: 250943
Ion Ratio Lower Upper
200 100
173 31.2 9.3 49.3
215 44.3 26.1 66.1



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

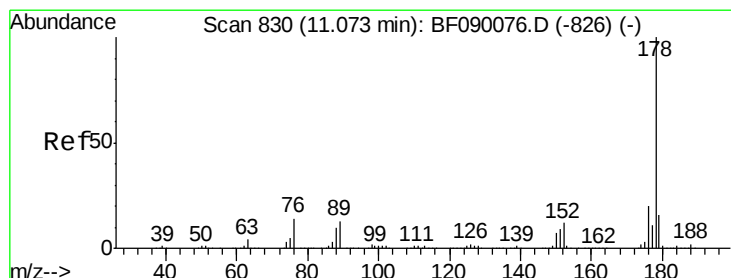
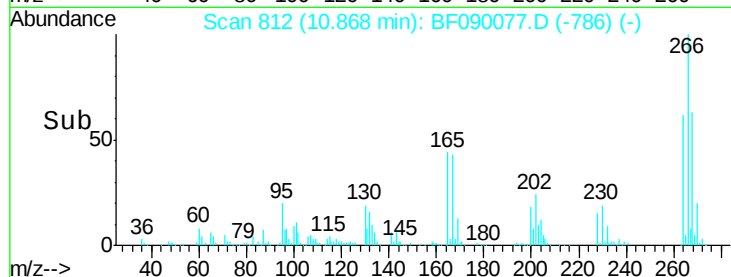
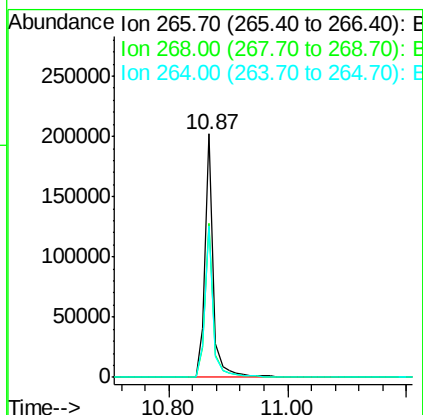
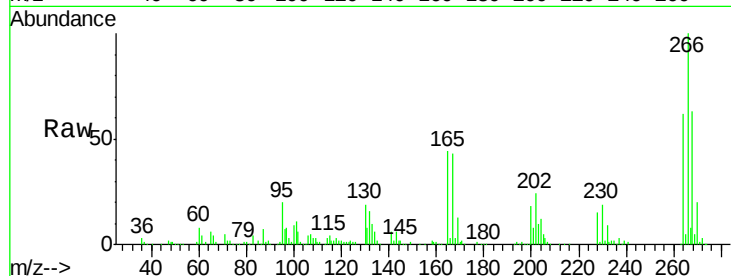




#69
 Pentachlorophenol
 Concen: 54.07 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

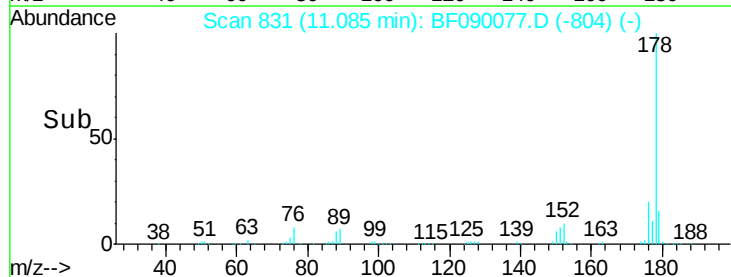
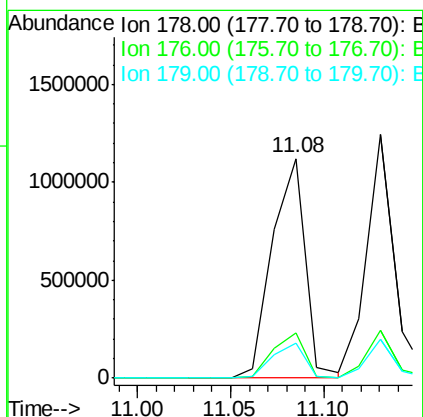
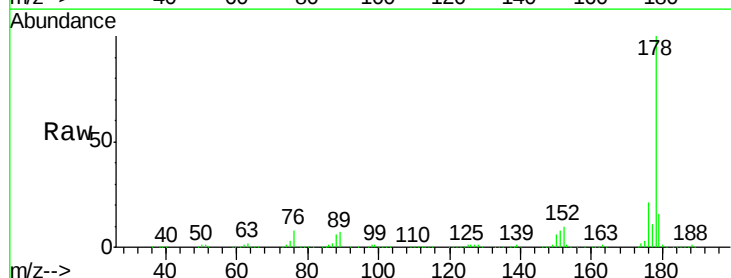
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

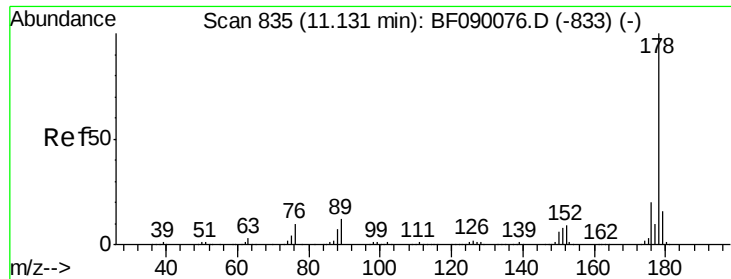
Tgt Ion:266 Resp: 207018
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.1 78.1
 264 62.1 50.3 75.5



#70
 Phenanthrene
 Concen: 49.76 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion:178 Resp: 1377387
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.9 23.9
 179 15.8 12.9 19.3

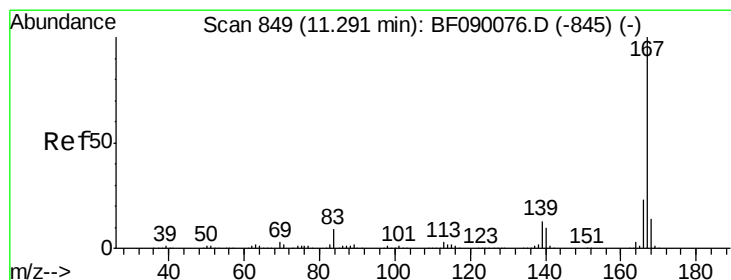
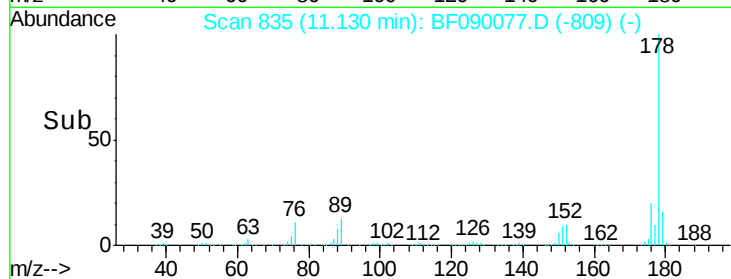
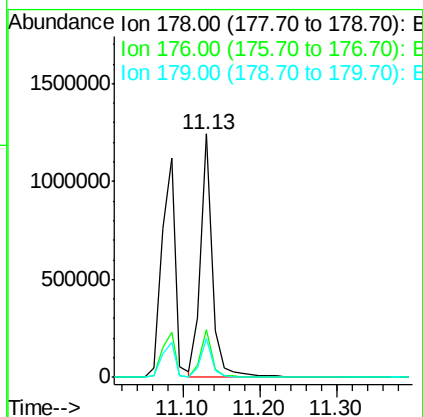
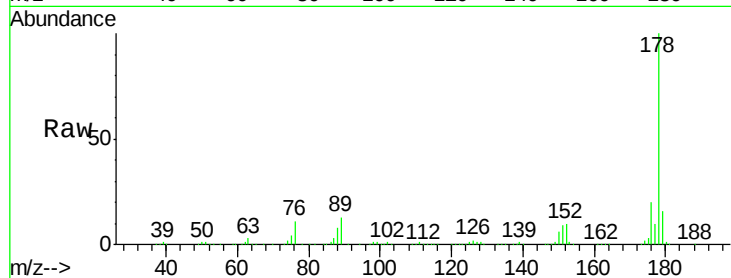




#71
 Anthracene
 Concen: 45.42 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

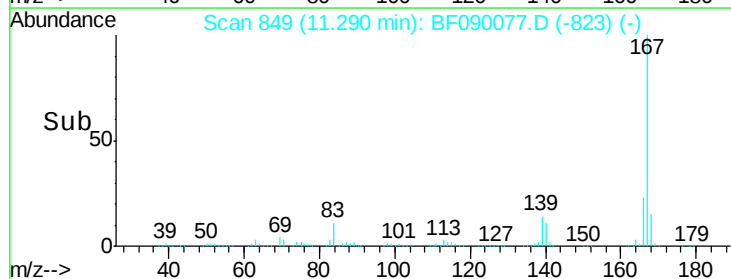
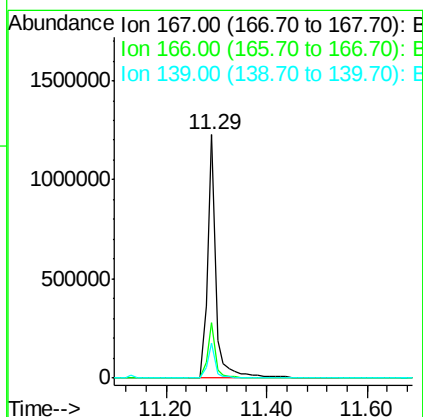
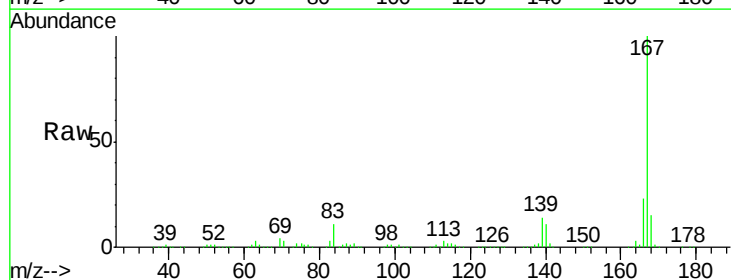
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

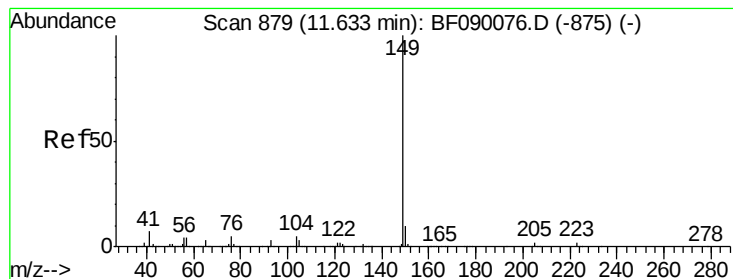
Tgt Ion:178 Resp: 1316387
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 46.43 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion:167 Resp: 1430194
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.3 10.4 15.6





#73

Di-n-butylphthalate

Concen: 47.27 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

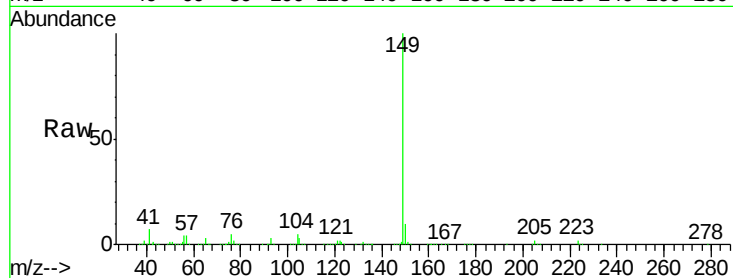
Tgt Ion:149 Resp: 1606730

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

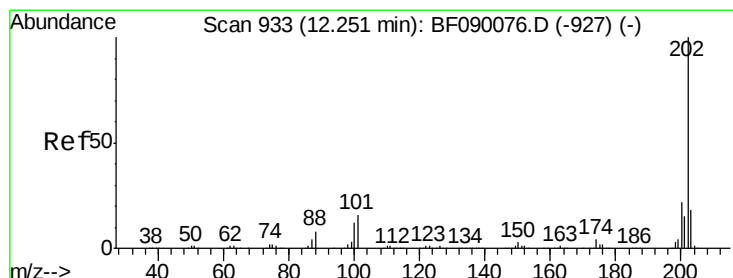
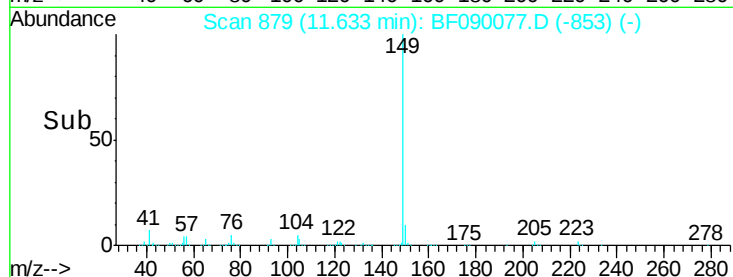
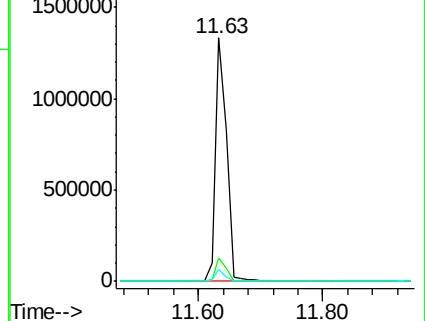
104 5.0 3.9 5.9



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: 43.42 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

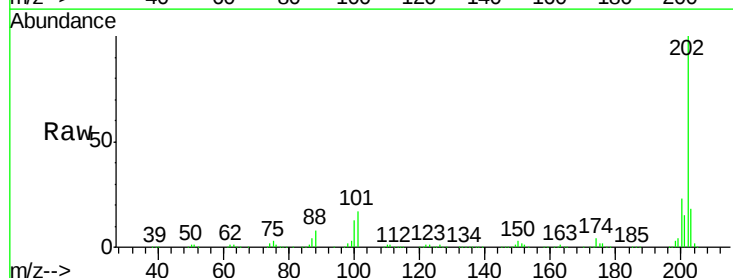
Tgt Ion:202 Resp: 1242639

Ion Ratio Lower Upper

202 100

101 17.1 0.0 36.1

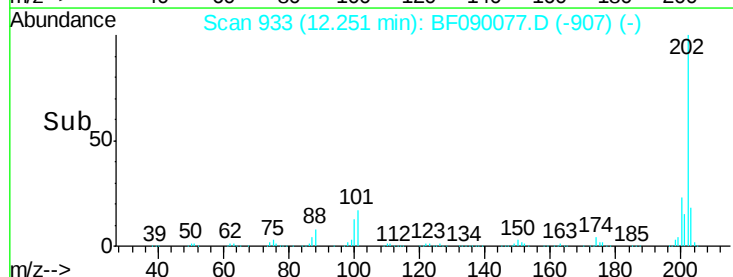
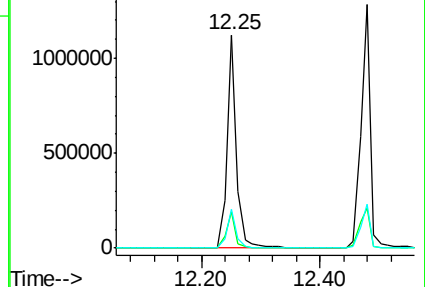
203 18.3 0.0 38.2

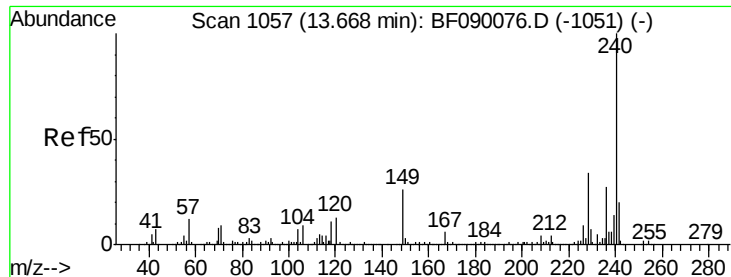


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

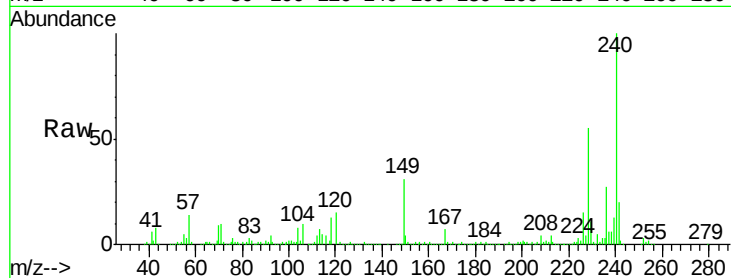
Tgt Ion:240 Resp: 422777

Ion Ratio Lower Upper

240 100

120 14.8 10.6 16.0

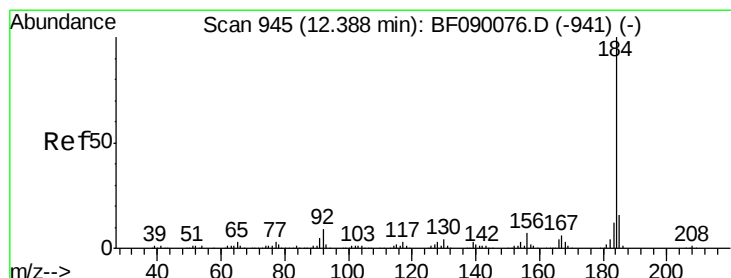
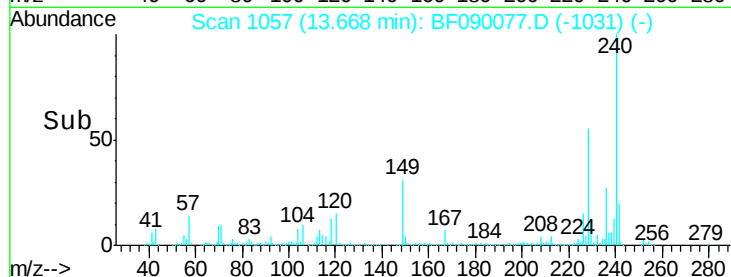
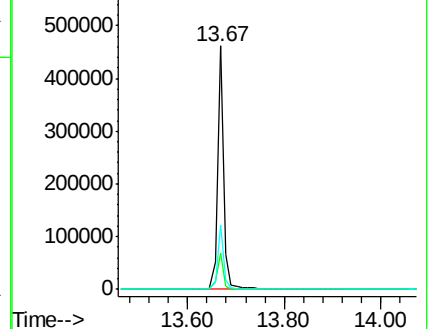
236 26.6 21.6 32.4



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: 48.03 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

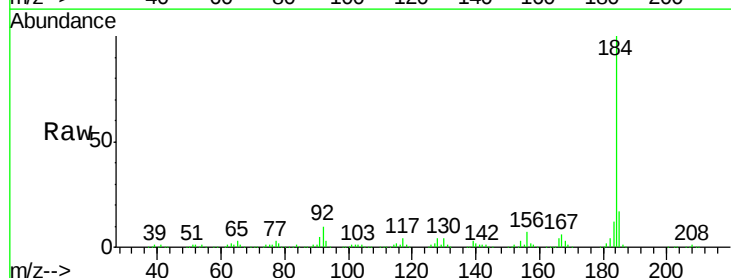
Tgt Ion:184 Resp: 836243

Ion Ratio Lower Upper

184 100

185 17.5 13.2 19.8

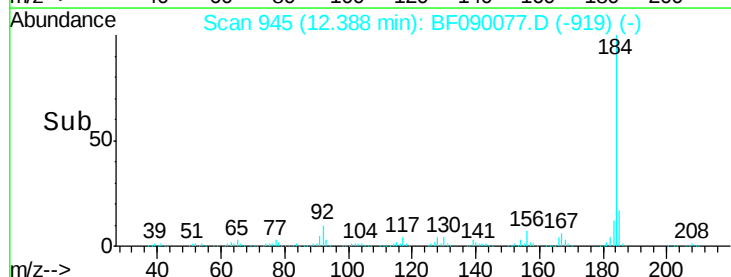
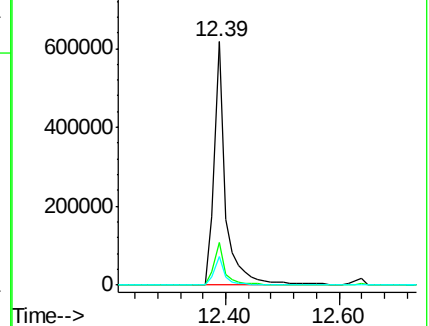
183 11.7 9.2 13.8

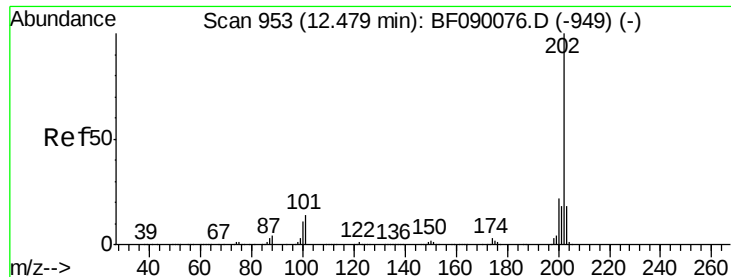


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.23 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

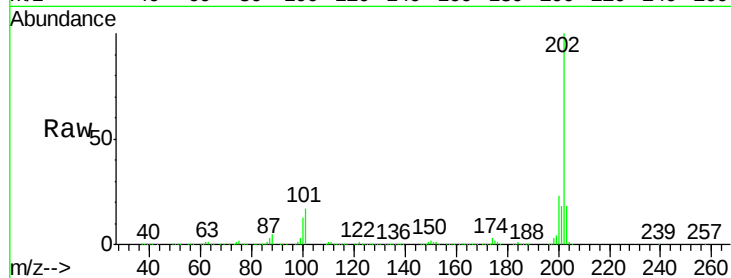
Tgt Ion:202 Resp: 1398901

Ion Ratio Lower Upper

202 100

200 22.6 17.9 26.9

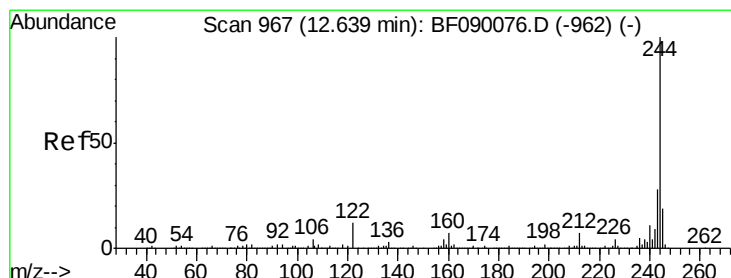
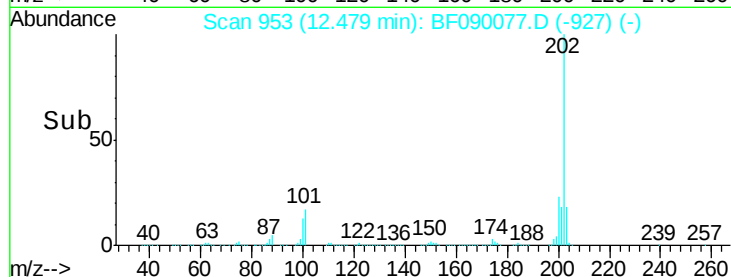
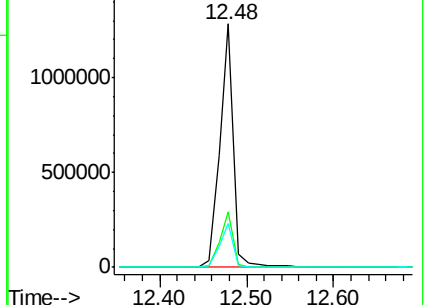
203 17.9 14.2 21.4



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: 89.91 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

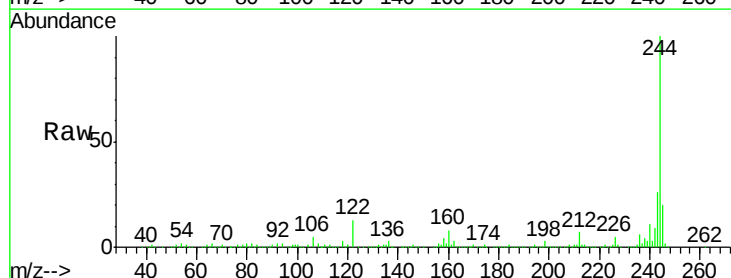
Tgt Ion:244 Resp: 1526002

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

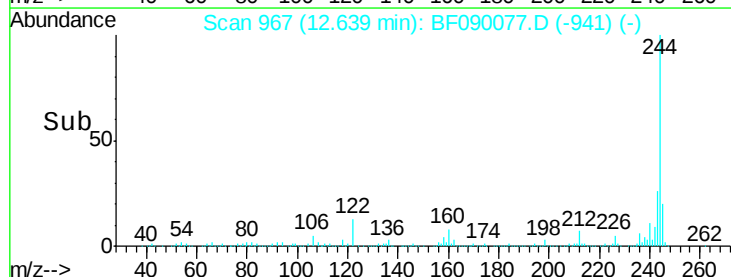
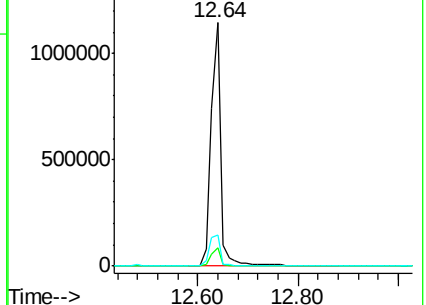
122 13.0 9.4 14.0

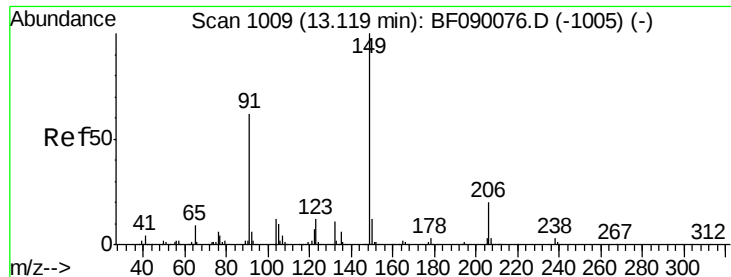


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

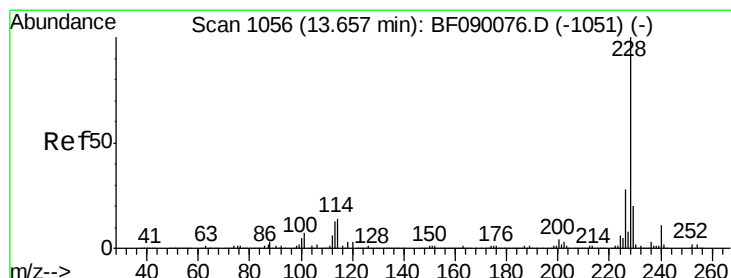
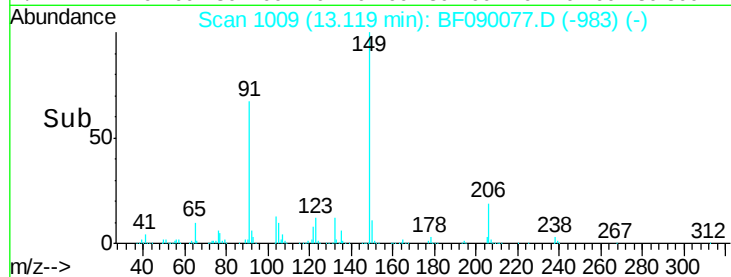
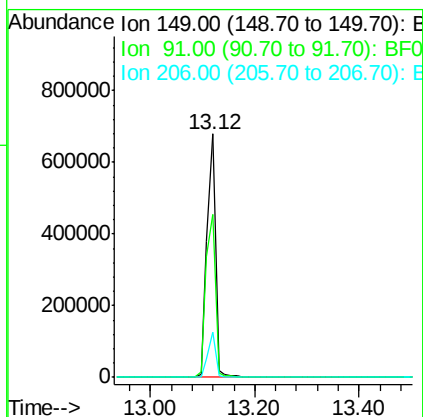
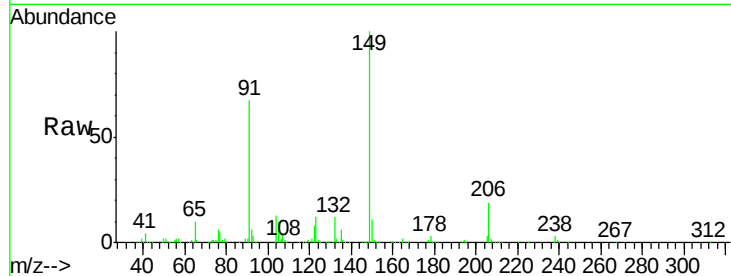




#79
Butylbenzylphthalate
Concen: 51.40 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

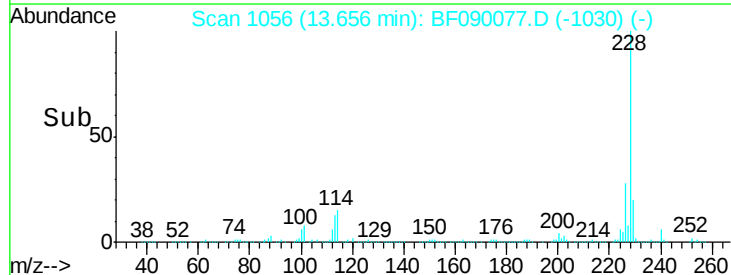
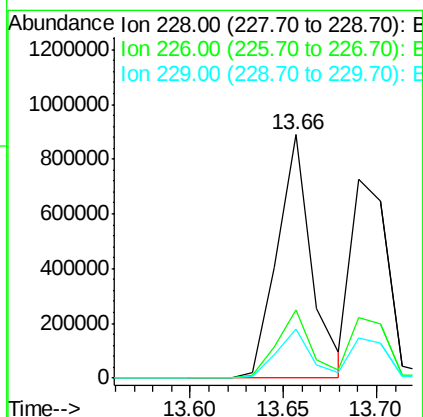
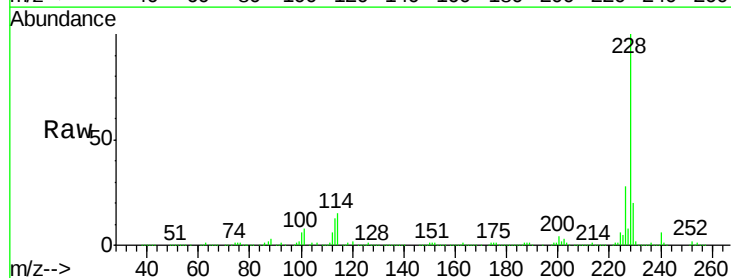
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

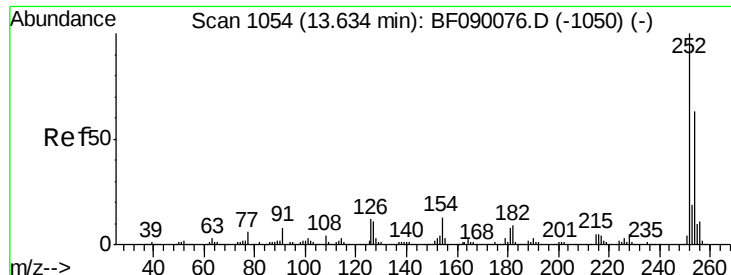
Tgt Ion:149 Resp: 767547
Ion Ratio Lower Upper
149 100
91 66.8 49.8 74.6
206 18.6 16.3 24.5



#80
Benzo(a)anthracene
Concen: 47.85 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:228 Resp: 1142107
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.0 16.2 24.2

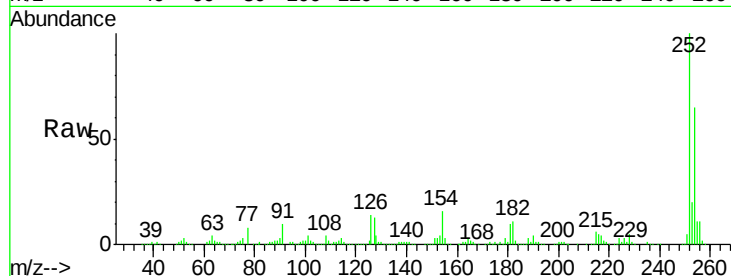




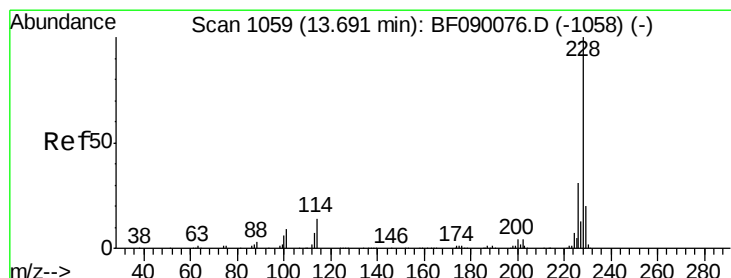
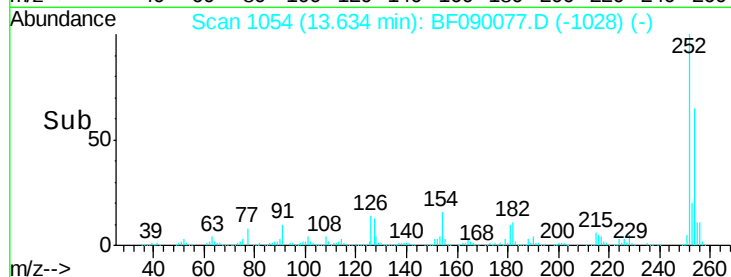
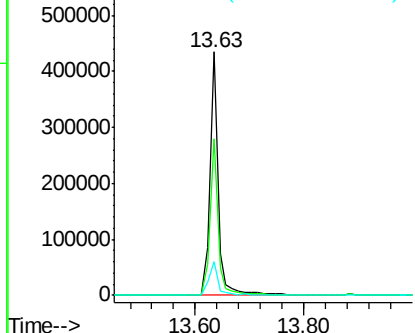
#81
 3,3'-Dichlorobenzidine
 Concen: 45.66 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 252 Resp: 459386
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 14.0 9.2 13.8#

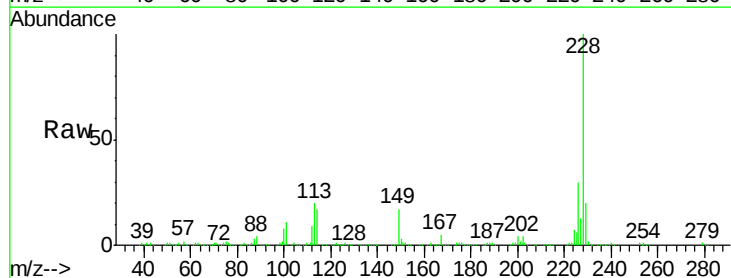


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

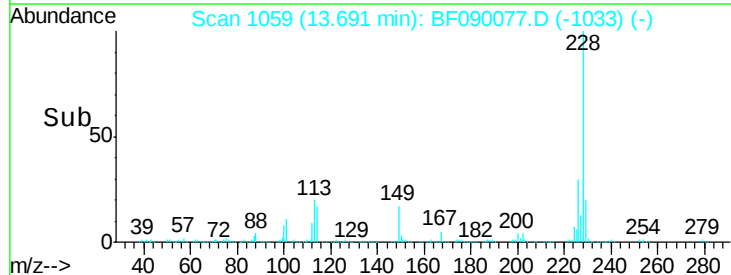
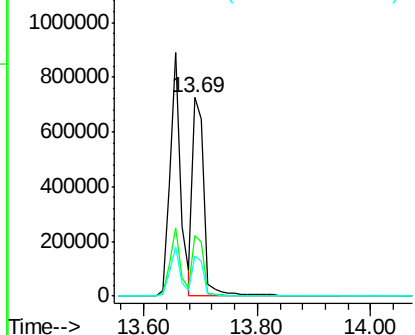


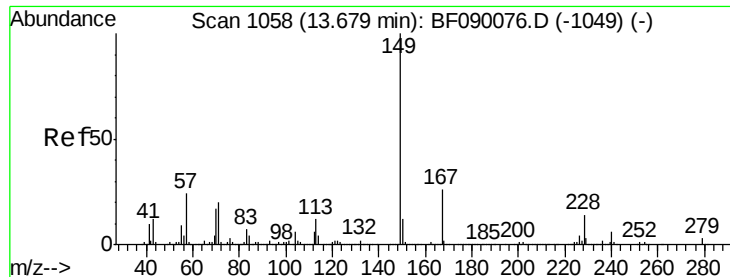
#82
 Chrysene
 Concen: 44.66 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion: 228 Resp: 1041235
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 20.4 16.2 24.4



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

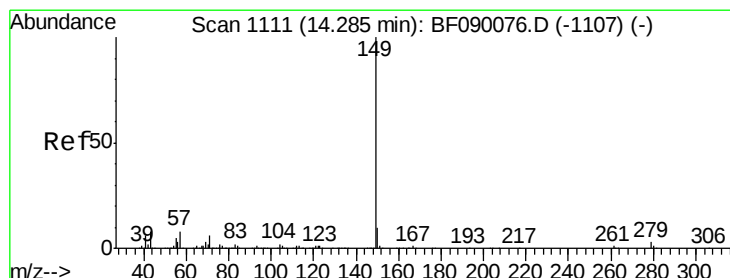
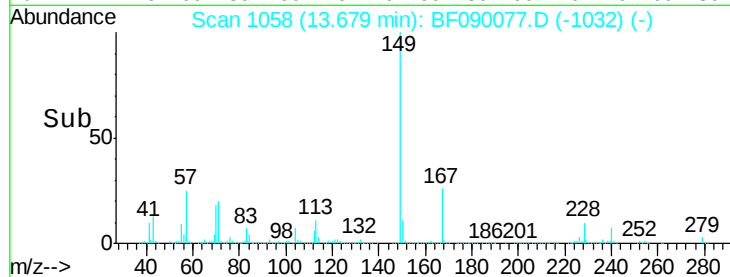
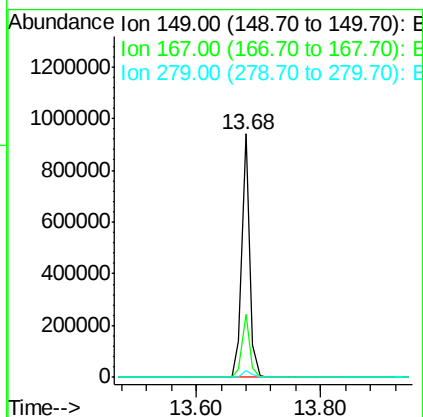
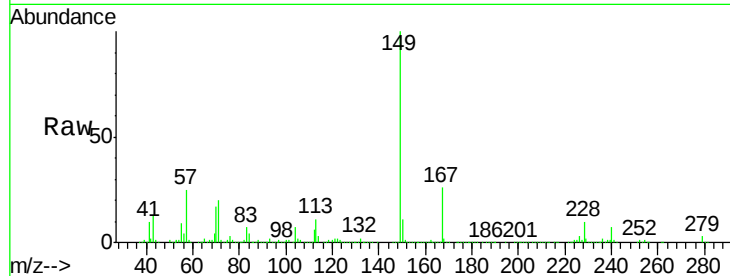




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.99 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

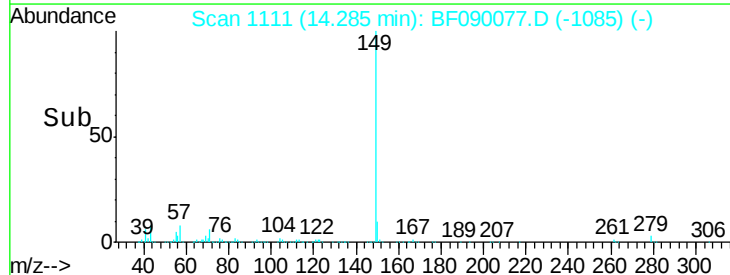
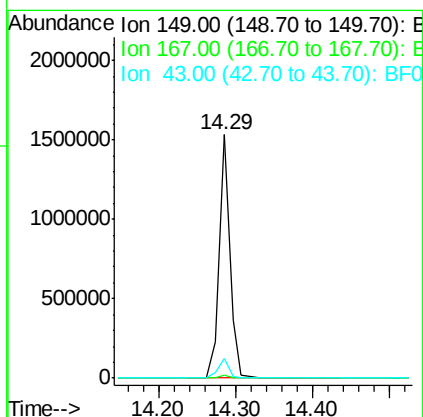
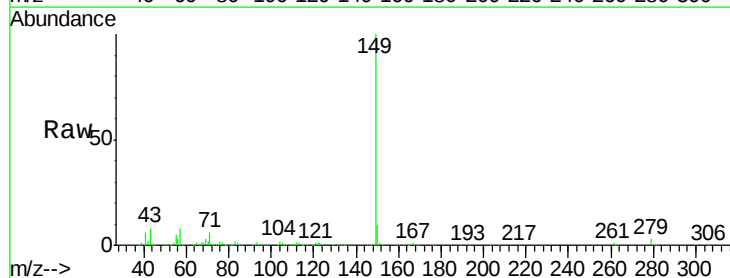
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

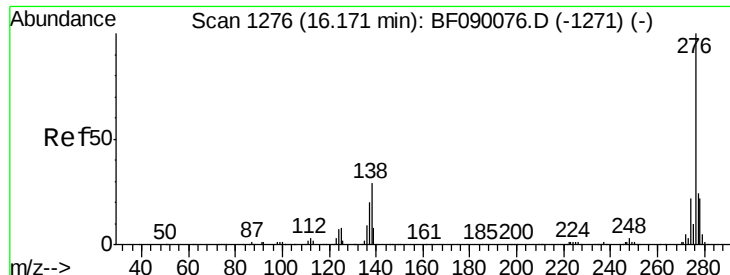
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.2	31.8
279	2.6	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 45.76 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2

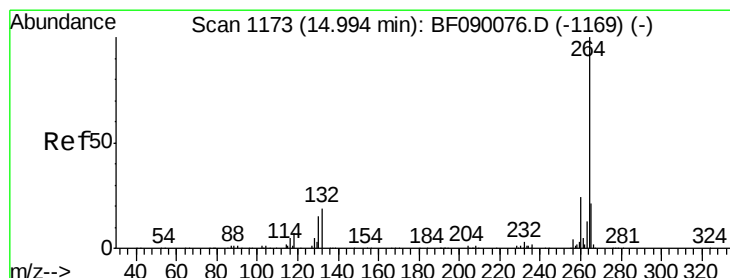
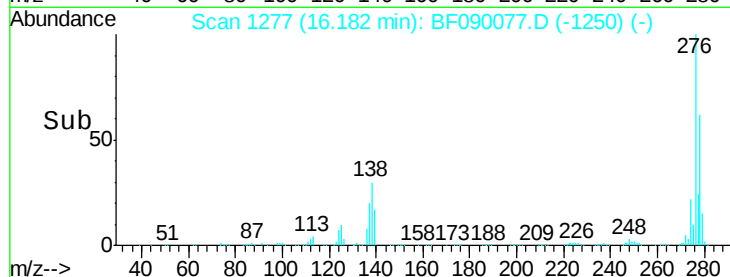
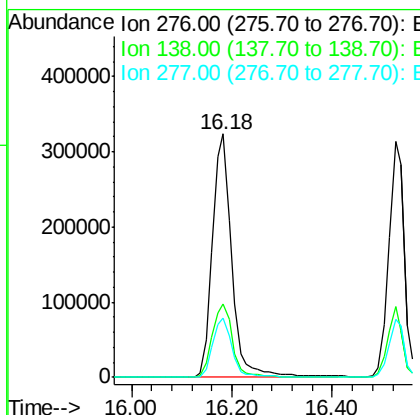
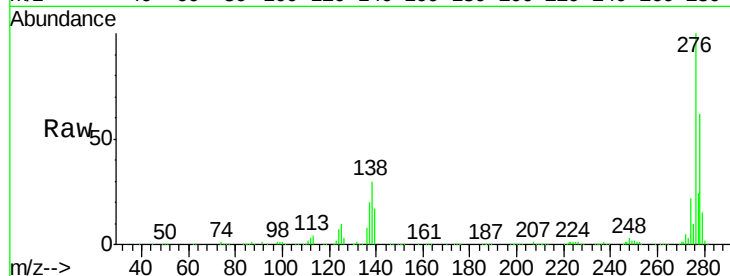




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.92 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

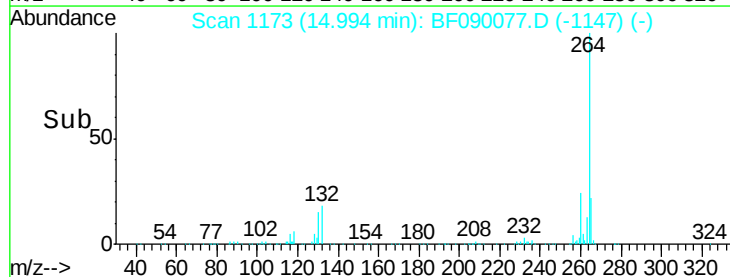
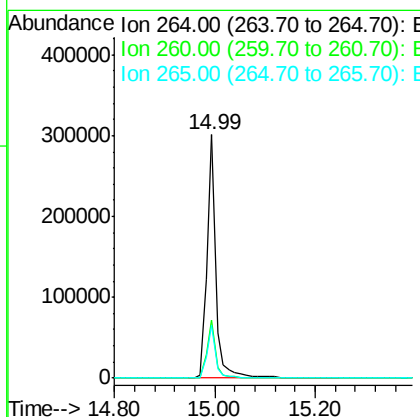
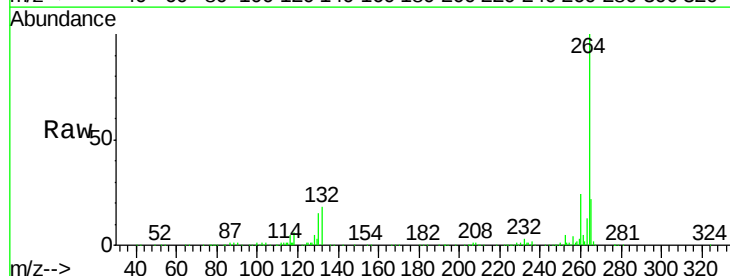
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

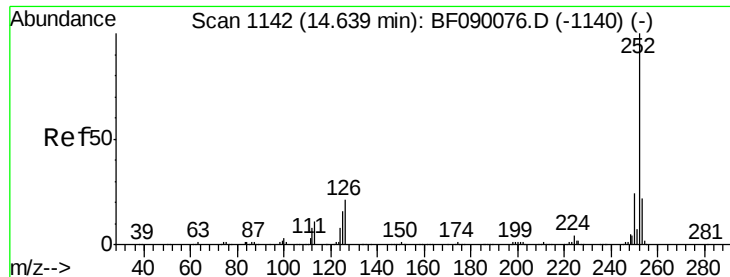
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	25.9	38.9
277	24.9	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.7	17.0	25.4

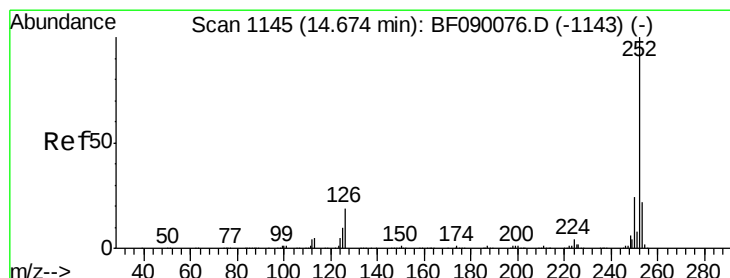
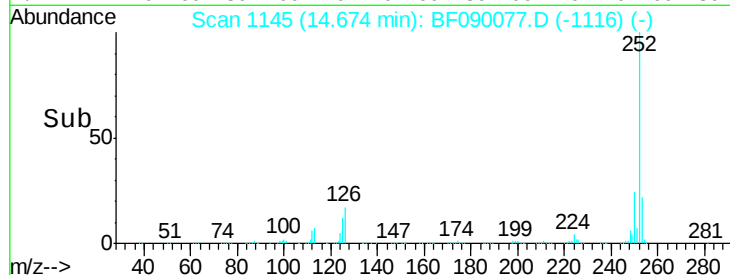
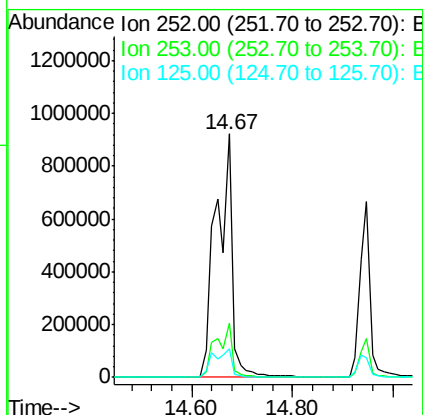
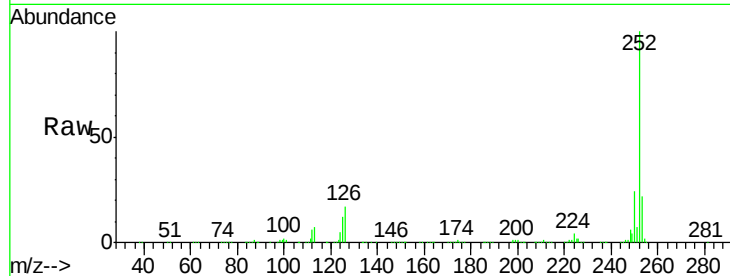




#87
Benzo(b)fluoranthene
Concen: 92.35 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.03 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

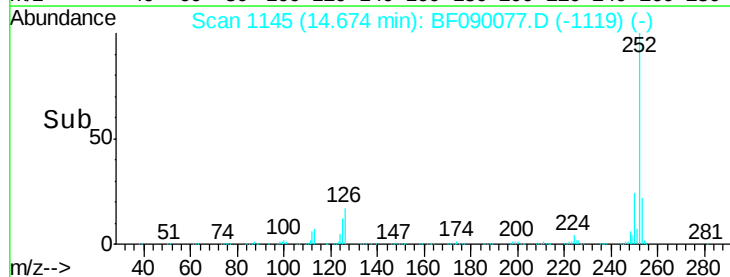
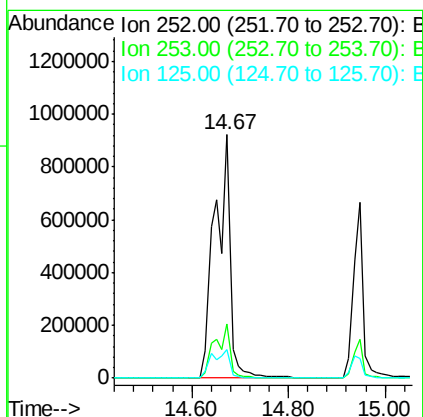
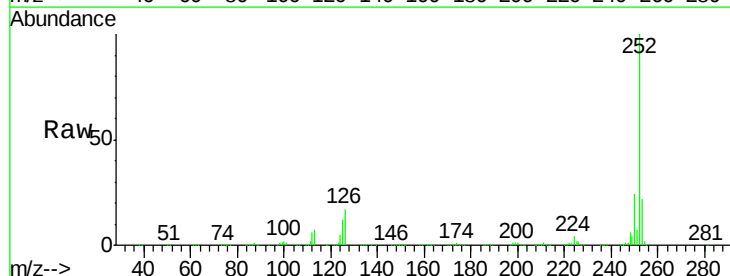
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

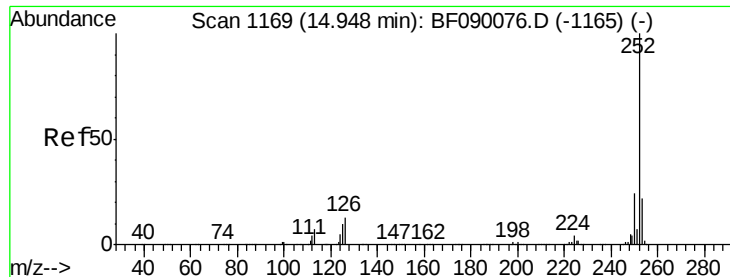
Tgt Ion:252 Resp: 2073096
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.7 12.7 19.1#



#88
Benzo(k)fluoranthene
Concen: 112.94 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF090077.D
Acq: 15 Sep 2016 4:05

Tgt Ion:252 Resp: 2074075
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.7 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 48.18 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

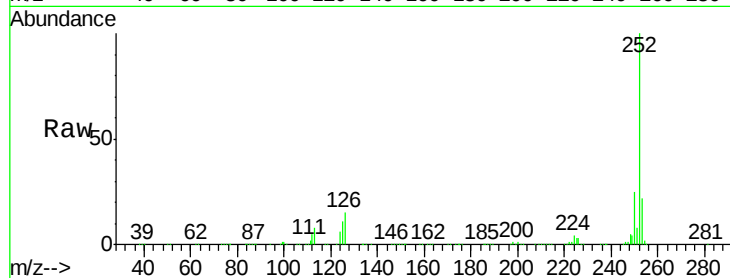
Tgt Ion:252 Resp: 946379

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

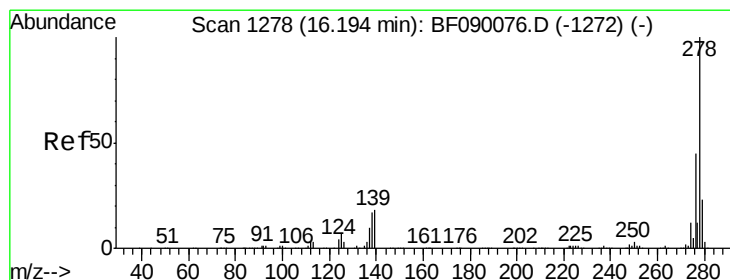
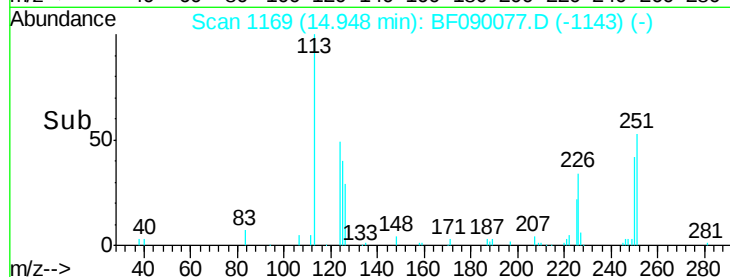
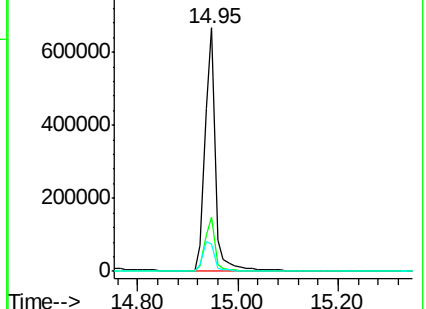
125 11.0 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.39 ng

RT: 16.19 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF090077.D

Acq: 15 Sep 2016 4:05

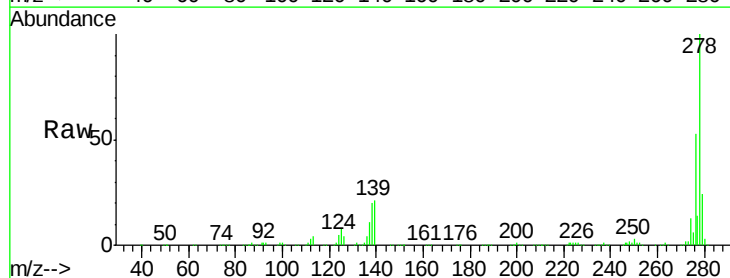
Tgt Ion:278 Resp: 722179

Ion Ratio Lower Upper

278 100

139 20.7 14.6 21.8

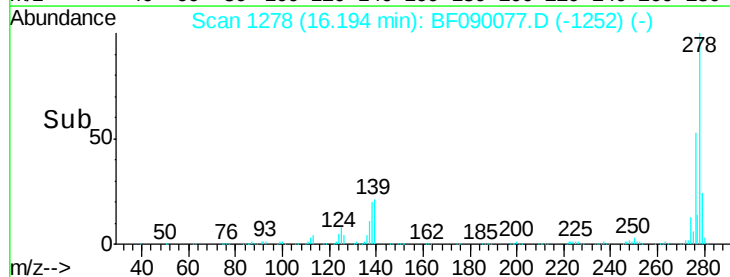
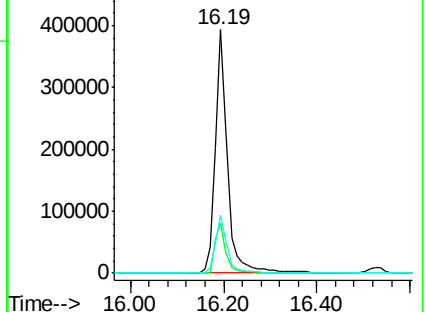
279 23.9 18.8 28.2

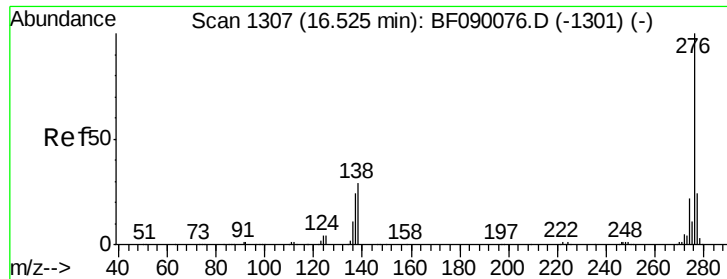


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 46.61 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF090077.D
 Acq: 15 Sep 2016 4:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	29.9	23.3	34.9

