

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\Snapshot\
 Data File : BF090082.D
 Acq On : 15 Sep 2016 9:16
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 13:39:29 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 09:41:41 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.547	152	165489	20.00	ng	0.00
21) Naphthalene-d8	7.839	136	670414	20.00	ng	0.00
38) Acenaphthene-d10	9.588	164	337101	20.00	ng	0.00
63) Phenanthrene-d10	11.051	188	599266	20.00	ng	0.00
75) Chrysene-d12	13.668	240	456267	20.00	ng	0.00
86) Perylene-d12	14.994	264	405799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	920726	89.48	ng	0.00
7) Phenol-d6	6.204	99	1057573	78.51	ng	0.00
23) Nitrobenzene-d5	7.130	82	975669	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.376	330	266336	78.65	ng	0.00
44) 2-Fluorobiphenyl	8.925	172	1547949	72.12	ng	0.00
78) Terphenyl-d14	12.639	244	1407241	73.24	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	1.998	88	213951	39.82	ng	99
3) Pyridine	2.593	79	587892	42.98	ng	97
4) n-Nitrosodimethylamine	2.558	42	176928	41.09	ng	92
6) Aniline	6.216	93	707708	42.33	ng	99
8) 2-Chlorophenol	6.341	128	492436	41.54	ng	# 81
9) Benzaldehyde	6.090	77	303827	42.32	ng	99
10) Phenol	6.216	94	560829	37.09	ng	99
11) bis(2-Chloroethyl)ether	6.296	93	484335	39.94	ng	99
12) 1,3-Dichlorobenzene	6.490	146	489982	40.18	ng	99
13) 1,4-Dichlorobenzene	6.570	146	512770	40.73	ng	99
14) 1,2-Dichlorobenzene	6.730	146	428985	37.50	ng	99
15) Benzyl Alcohol	6.707	79	306014	40.34	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.844	45	599410	41.71	ng	97
17) 2-Methylphenol	6.833	107	398160	41.06	ng	98
18) Hexachloroethane	7.062	117	176771	38.69	ng	100
19) n-Nitroso-di-n-propyla...	6.993	70	323253	38.61	ng	99
20) 3+4-Methylphenols	6.993	107	491376	43.30	ng	98
22) Acetophenone	6.982	105	687801	42.38	ng	99
24) Nitrobenzene	7.142	77	491876	39.16	ng	98
25) Isophorone	7.393	82	996261	39.90	ng	99
26) 2-Nitrophenol	7.462	139	260170	42.72	ng	99
27) 2,4-Dimethylphenol	7.519	122	455951	42.55	ng	100
28) bis(2-Chloroethoxy)met...	7.610	93	573776	39.18	ng	99
29) 2,4-Dichlorophenol	7.713	162	392108	41.43	ng	99
30) 1,2,4-Trichlorobenzene	7.782	180	369505	39.57	ng	98
31) Naphthalene	7.862	128	1278824	38.81	ng	100
32) Benzoic acid	7.679	122	341393	39.72	ng	97
33) 4-Chloroaniline	7.919	127	551501	39.32	ng	100
34) Hexachlorobutadiene	7.987	225	187599	39.23	ng	99
35) Caprolactam	8.307	113	127466	40.33	ng	97
36) 4-Chloro-3-methylphenol	8.410	107	436794	39.75	ng	99
37) 2-Methylnaphthalene	8.547	142	821039	40.17	ng	99
39) 1,2,4,5-Tetrachloroben...	8.719	216	319535	36.86	ng	99

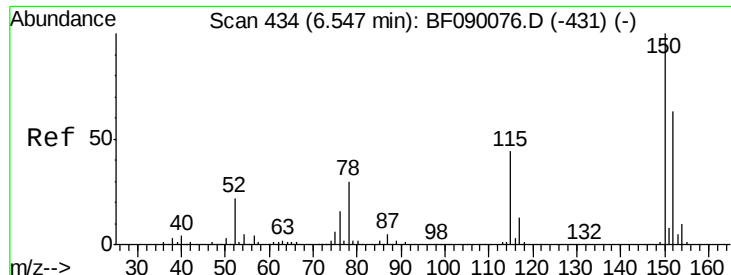
Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\Snapshot\
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 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.707	237	173588	38.53	ng	99
42) 2,4,6-Trichlorophenol	8.833	196	240176	38.23	ng	99
43) 2,4,5-Trichlorophenol	8.879	196	264351	39.12	ng	98
45) 1,1'-Biphenyl	9.016	154	988171	35.82	ng	100
46) 2-Chloronaphthalene	9.039	162	794786	38.88	ng	99
47) 2-Nitroaniline	9.142	65	276734	42.41	ng	96
48) Acenaphthylene	9.450	152	1371375	39.95	ng	100
49) Dimethylphthalate	9.336	163	1018860	40.69	ng	99
50) 2,6-Dinitrotoluene	9.393	165	229303	40.98	ng	# 56
51) Acenaphthene	9.622	154	768189	40.07	ng	100
52) 3-Nitroaniline	9.553	138	272230	39.99	ng	99
53) 2,4-Dinitrophenol	9.656	184	124112	40.80	ng	95
54) Dibenzofuran	9.793	168	1069220	40.33	ng	100
55) 4-Nitrophenol	9.725	139	197283	41.18	ng	97
56) 2,4-Dinitrotoluene	9.782	165	244622	35.86	ng	99
57) Fluorene	10.125	166	757046	37.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.908	232	188258	36.52	ng	98
59) Diethylphthalate	10.022	149	882024	36.39	ng	99
60) 4-Chlorophenyl-phenyle...	10.125	204	315976	38.85	ng	99
61) 4-Nitroaniline	10.170	138	281241	40.81	ng	99
62) Azobenzene	10.285	77	925443	36.38	ng	100
64) 4,6-Dinitro-2-methylph...	10.193	198	170109	41.98	ng	92
65) n-Nitrosodiphenylamine	10.250	169	710346	37.41	ng	100
66) 4-Bromophenyl-phenylether	10.616	248	244579	42.34	ng	98
67) Hexachlorobenzene	10.673	284	272658	40.05	ng	99
68) Atrazine	10.788	200	250810	44.45	ng	99
69) Pentachlorophenol	10.868	266	177311	44.46	ng	99
70) Phenanthrene	11.073	178	1138417	39.31	ng	100
71) Anthracene	11.131	178	1223850	38.71	ng	100
72) Carbazole	11.291	167	1314860	40.54	ng	100
73) Di-n-butylphthalate	11.633	149	1342555	36.91	ng	100
74) Fluoranthene	12.251	202	1128488	37.19	ng	100
76) Benzidine	12.388	184	757171	40.68	ng	100
77) Pyrene	12.479	202	1266982	38.05	ng	100
79) Butylbenzylphthalate	13.119	149	642867	38.77	ng	98
80) Benzo(a)anthracene	13.657	228	1015734	38.14	ng	100
81) 3,3'-Dichlorobenzidine	13.634	252	440368	39.45	ng	99
82) Chrysene	13.691	228	822772	31.73	ng	99
83) Bis(2-ethylhexyl)phtha...	13.679	149	759214	37.02	ng	100
84) Di-n-octyl phthalate	14.285	149	1340852	36.57	ng	100
85) Indeno(1,2,3-cd)pyrene	16.182	276	763387	35.17	ng	100
87) Benzo(b)fluoranthene	14.674	252	1855574	78.00	ng	# 94
88) Benzo(k)fluoranthene	14.674	252	1856578	86.69	ng	98
89) Benzo(a)pyrene	14.948	252	850991	39.89	ng	98
90) Dibenzo(a,h)anthracene	16.194	278	635002	38.01	ng	97
91) Benzo(g,h,i)perylene	16.525	276	599507	37.60	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

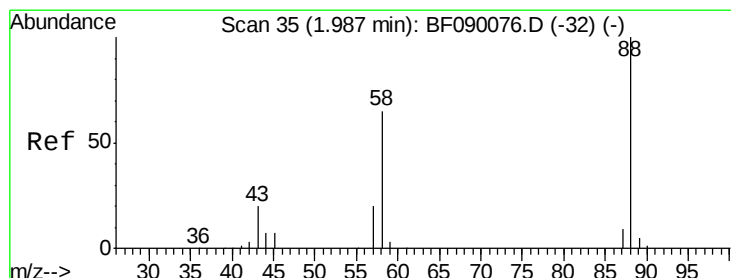
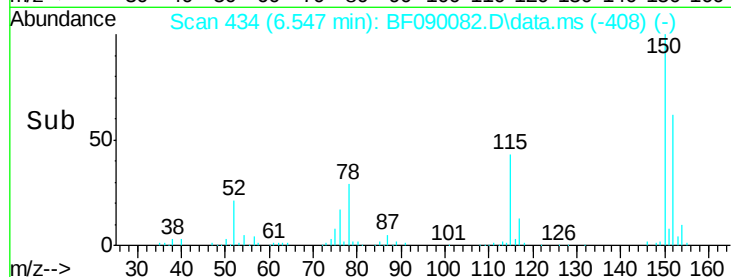
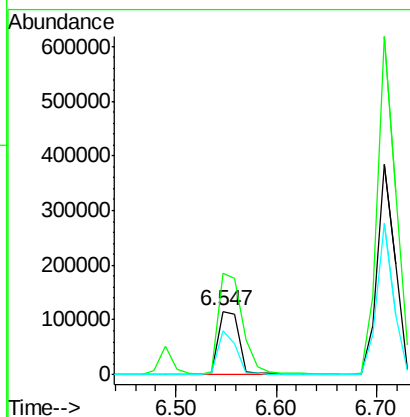
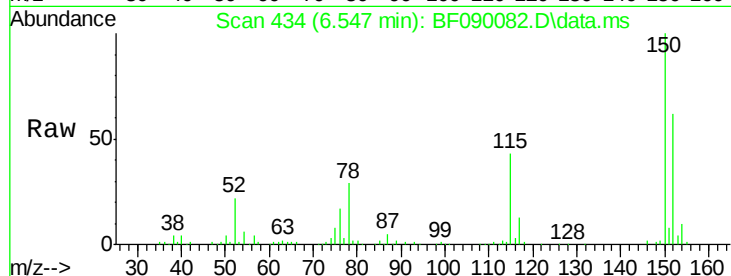
Tot Ion:152 Resp: 165489

Ion Ratio Lower Upper

152 100

150 161.1 128.9 193.3

115 69.3 55.5 83.3



#2

1,4-Dioxane

Concen: 39.82 ng

RT: 1.998 min Scan# 36

Delta R.T. 0.011 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

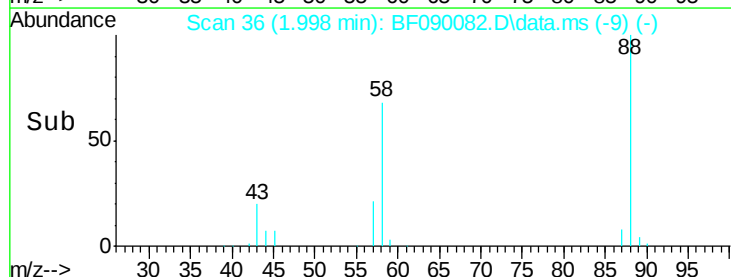
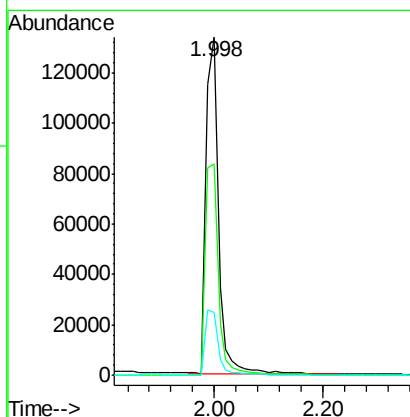
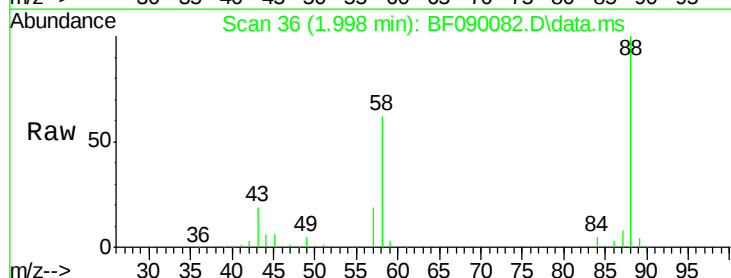
Tgt Ion: 88 Resp: 213951

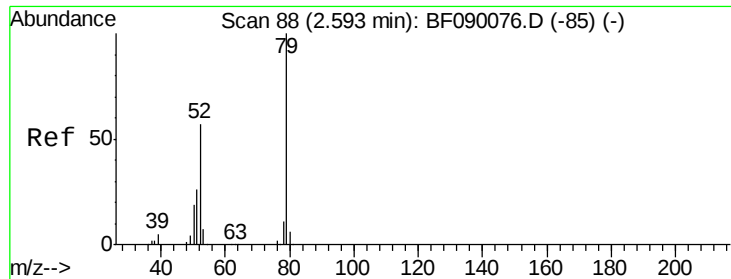
Ion Ratio Lower Upper

88 100

58 66.1 53.4 80.0

43 20.2 16.5 24.7

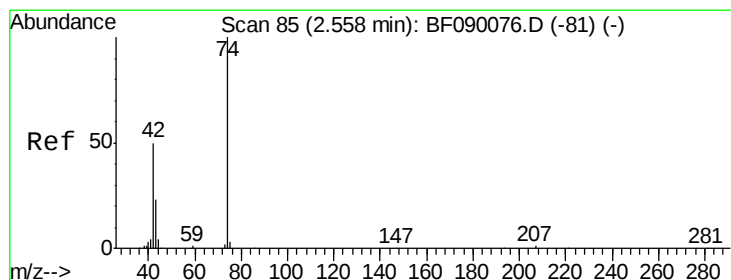
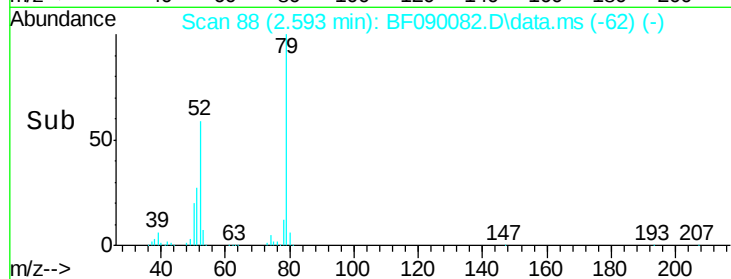
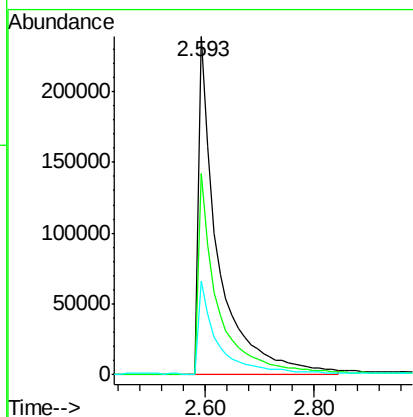
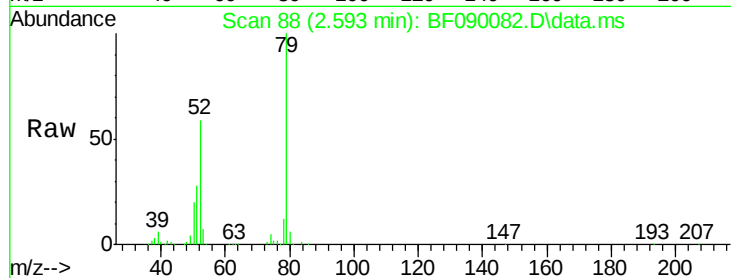




#3
 Pvridine
 Concen: 42.98 ng
 RT: 2.593 min Scan# 88
 Delta R.T. 0.001 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

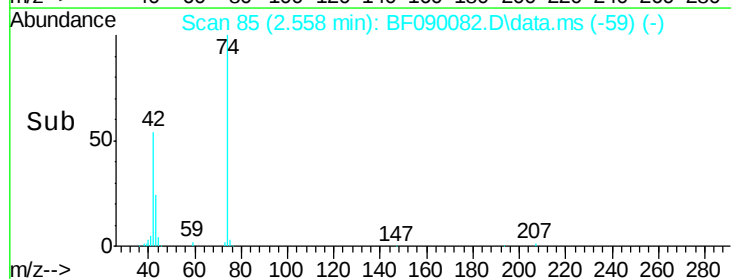
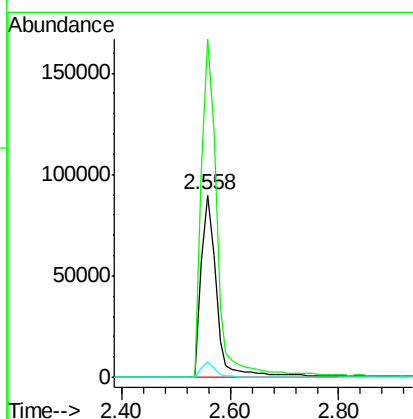
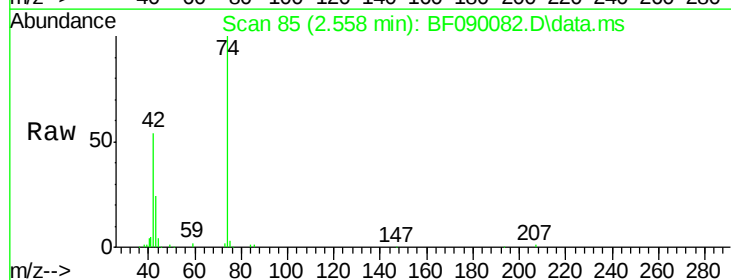
Instrument :
 BNA_F
 ClientSampleId :

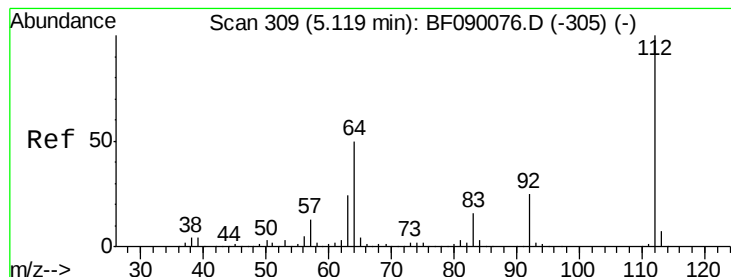
Tot Ion	Ratio	Lower	Upper
79	100		
52	59.4	45.9	68.9
51	27.7	21.3	31.9



#4
 n-Nitrosodimethylamine
 Concen: 41.09 ng
 RT: 2.558 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	185.6	158.7	238.1
44	8.2	6.4	9.6





#5

2-Fluorophenol

Concen: 89.48 ng

RT: 5.119 min Scan# 309

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

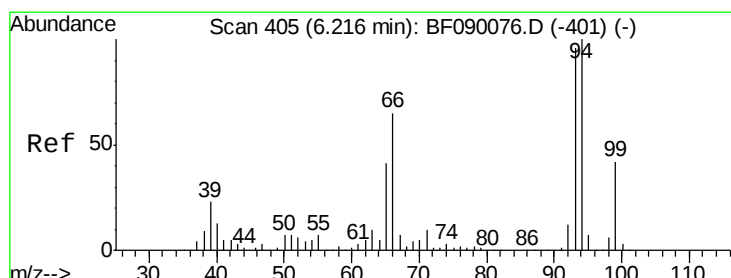
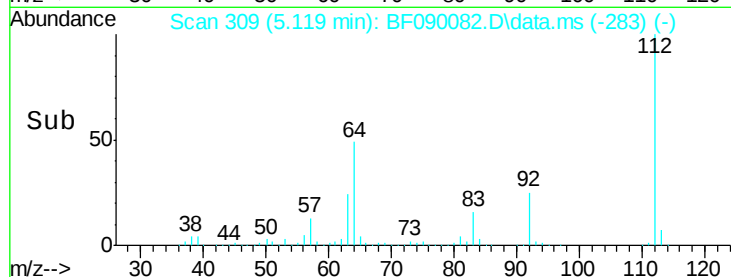
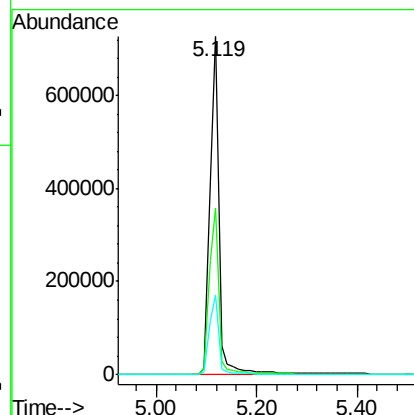
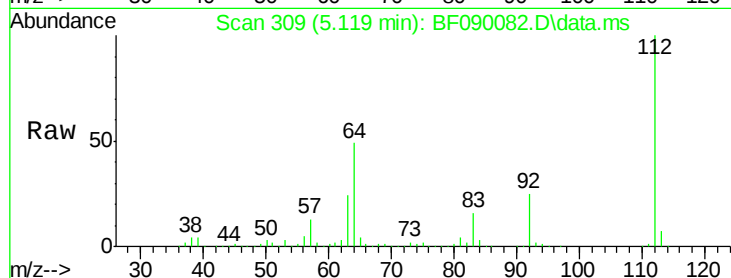
Tot Ion:112 Resp: 920726

Ion Ratio Lower Upper

112 100

64 49.3 39.8 59.6

63 23.6 18.9 28.3



#6

Aniline

Concen: 42.33 ng

RT: 6.216 min Scan# 405

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

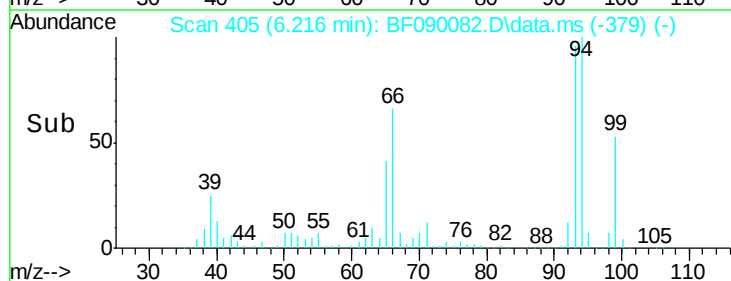
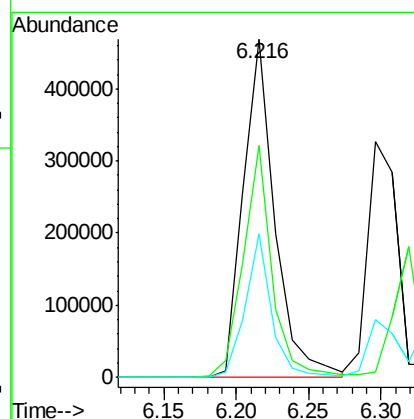
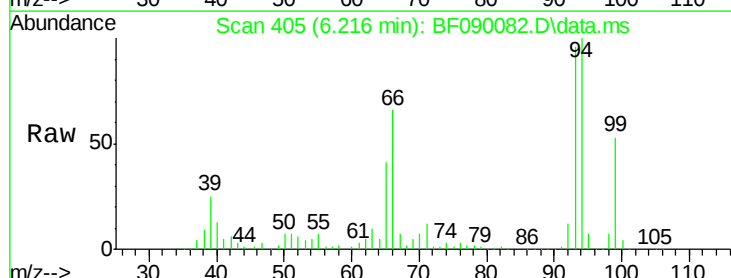
Tgt Ion: 93 Resp: 707708

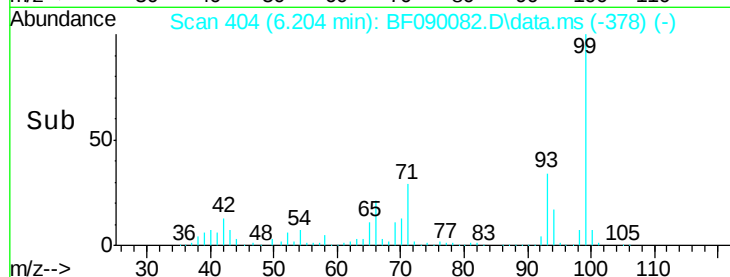
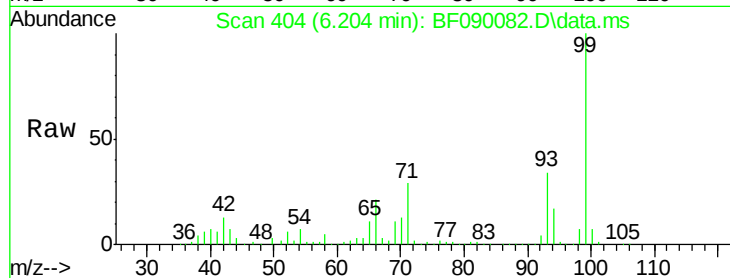
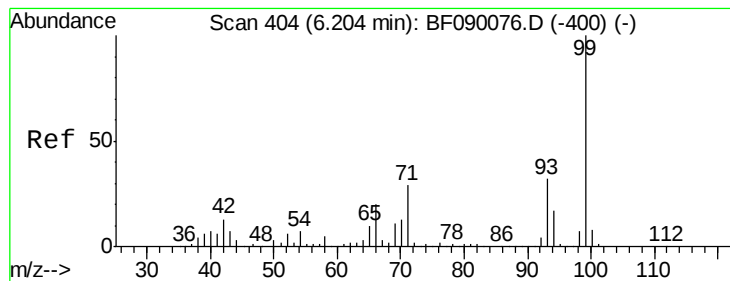
Ion Ratio Lower Upper

93 100

66 68.4 54.2 81.2

65 42.3 33.8 50.6





#7

Phenol-d6

Concen: 78.51 ng

RT: 6.204 min Scan# 40

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

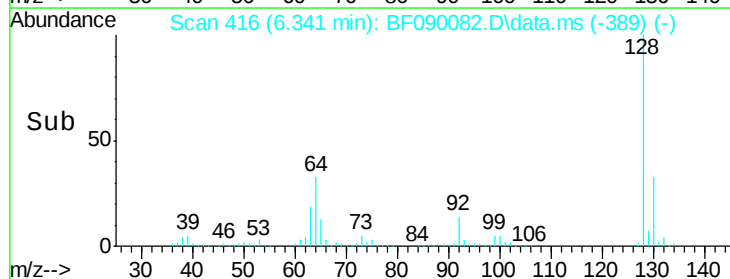
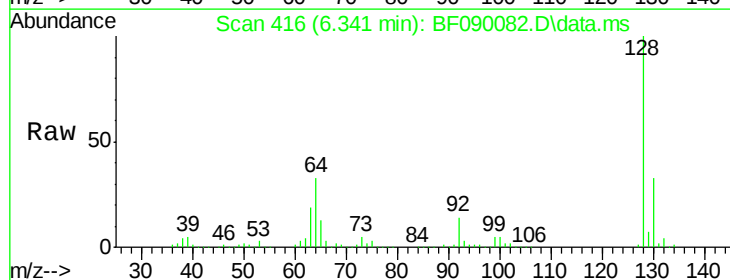
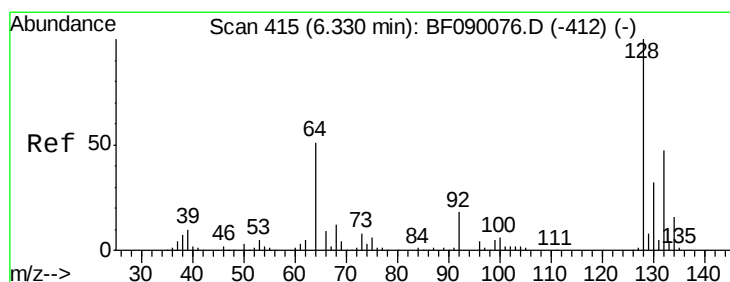
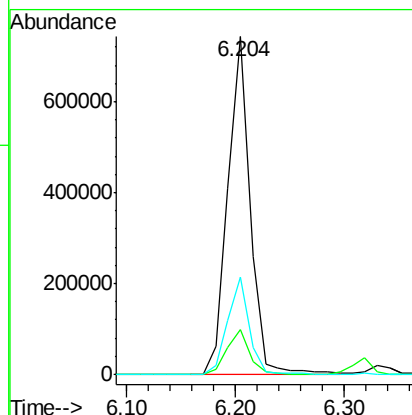
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1057573

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	15.8
71	28.8	23.0	34.6



#8

2-Chlorophenol

Concen: 41.54 ng

RT: 6.341 min Scan# 416

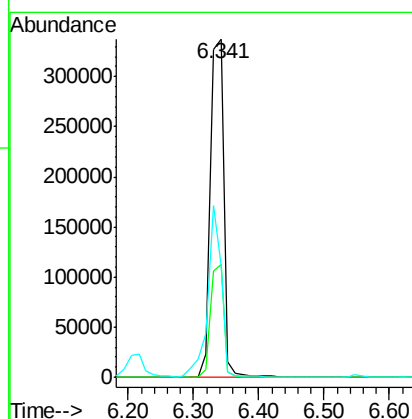
Delta R.T. 0.011 min

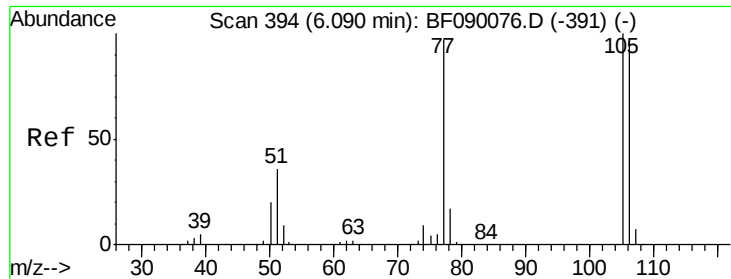
Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion: 128 Resp: 492436

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	32.9	33.6	73.6#

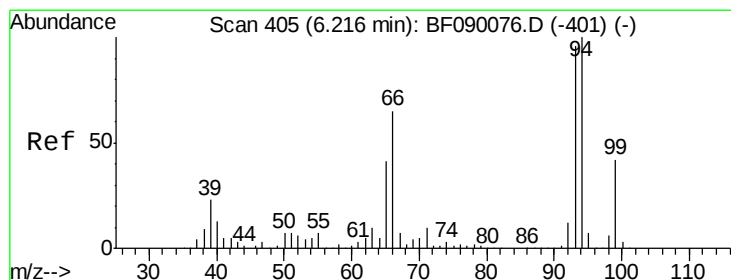
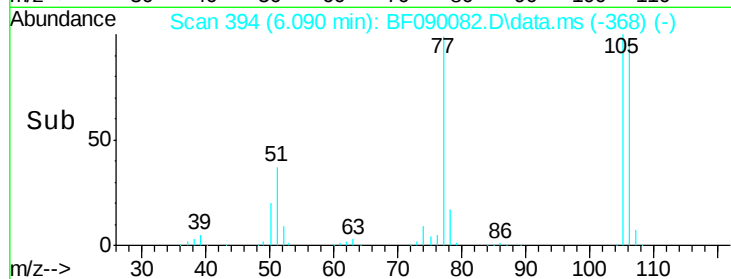
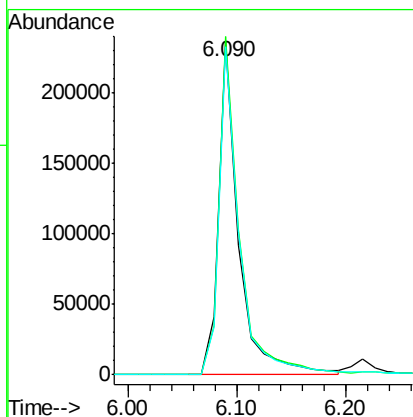
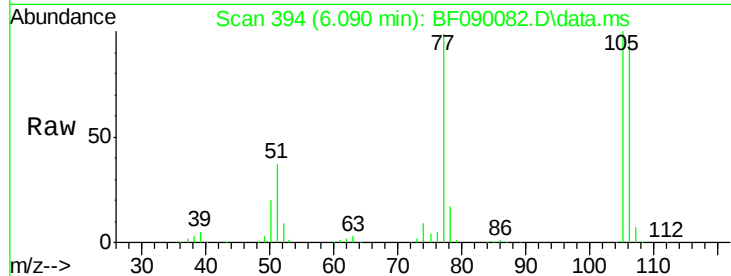




#9
Benzaldehyde
Concen: 42.32 ng
RT: 6.090 min Scan# 391
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

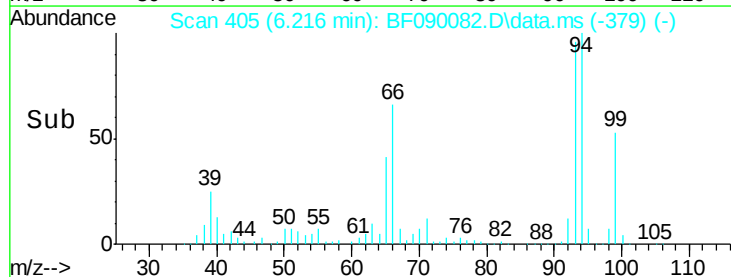
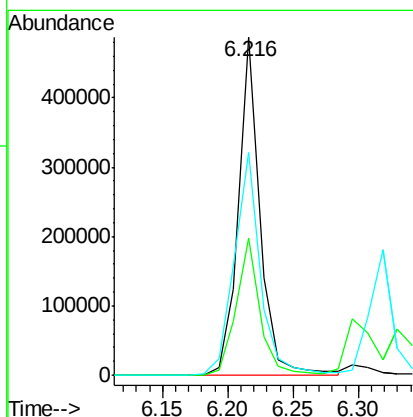
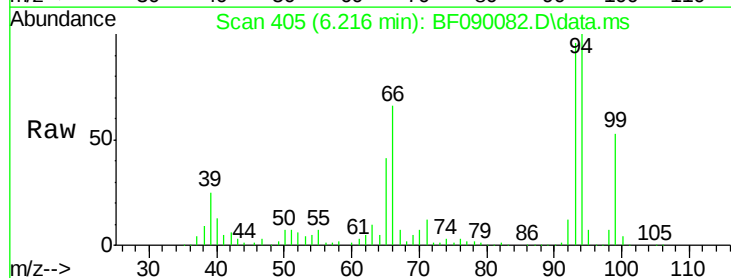
Instrument :
BNA_F
ClientSampleId :

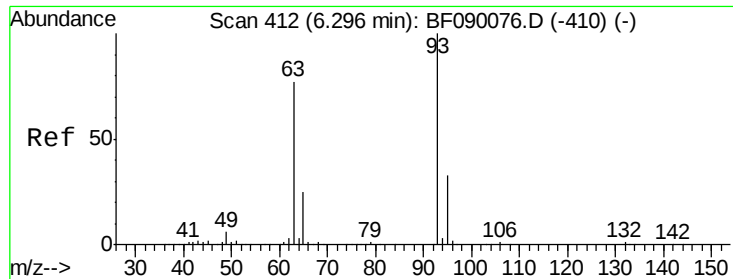
Tot Ion: 77 Resp: 303827
Ion Ratio Lower Upper
77 100
105 101.5 83.0 123.0
106 98.3 78.5 118.5



#10
Phenol
Concen: 37.09 ng
RT: 6.216 min Scan# 405
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion: 94 Resp: 560829
Ion Ratio Lower Upper
94 100
65 40.7 20.6 60.6
66 65.8 45.1 85.1

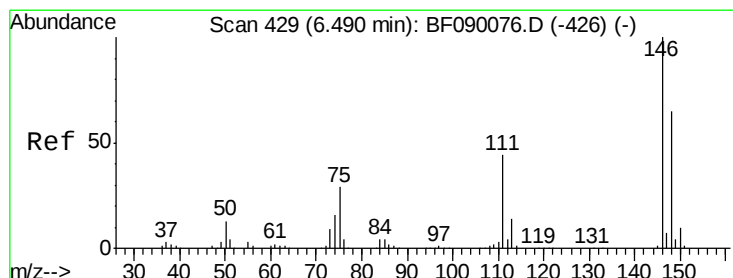
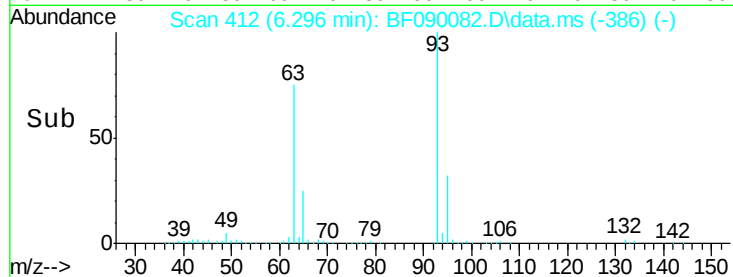
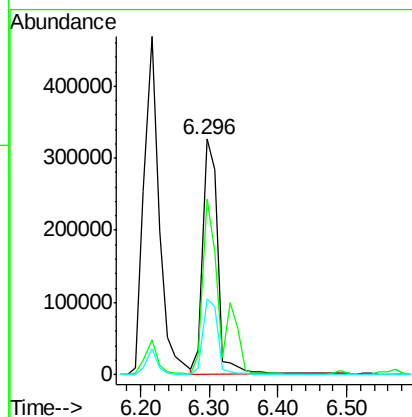
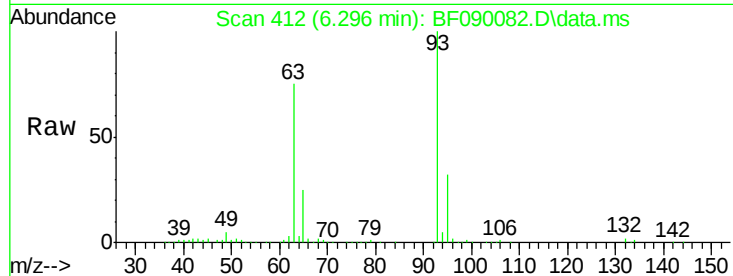




#11
 bis(2-Chloroethyl)ether
 Concen: 39.94 ng
 RT: 6.296 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

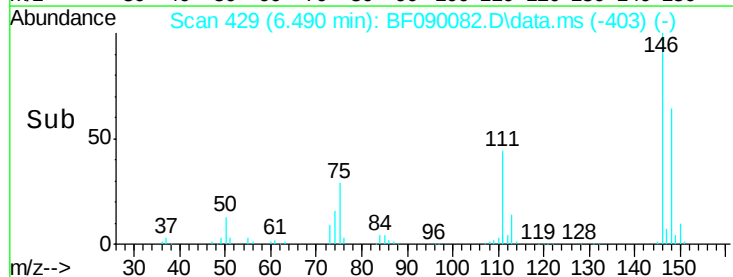
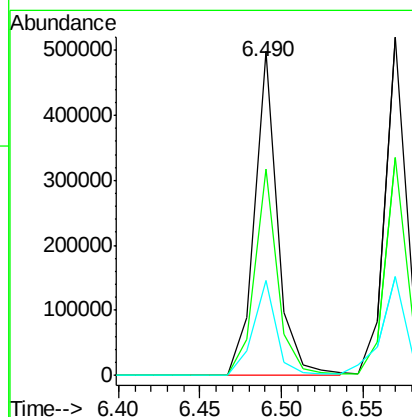
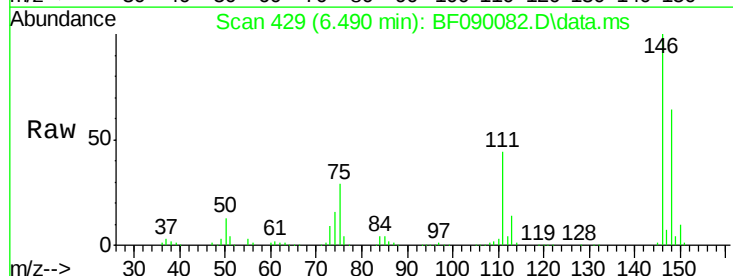
Instrument :
 BNA_F
 ClientSampled :

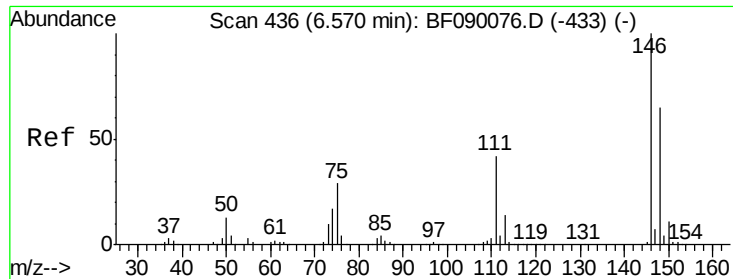
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	55.6	95.6
95	32.2	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.18 ng
 RT: 6.490 min Scan# 429
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	29.1	22.8	34.2

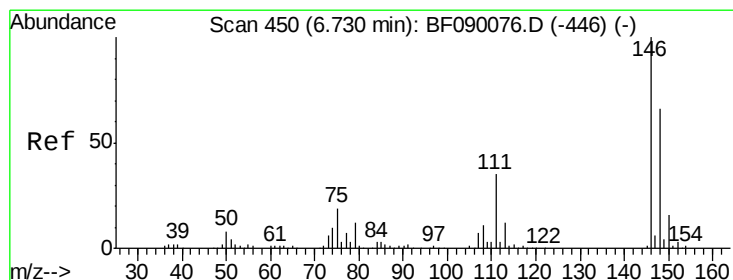
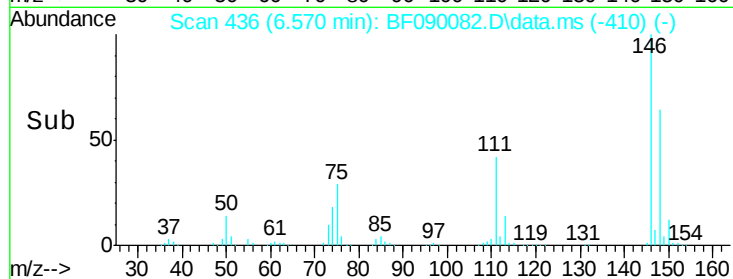
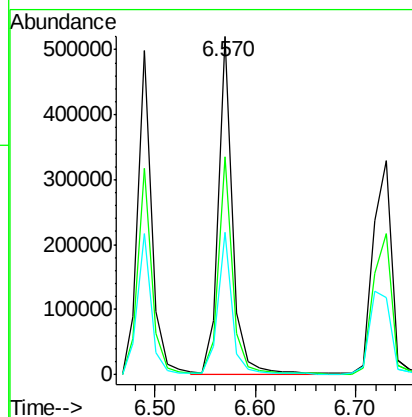
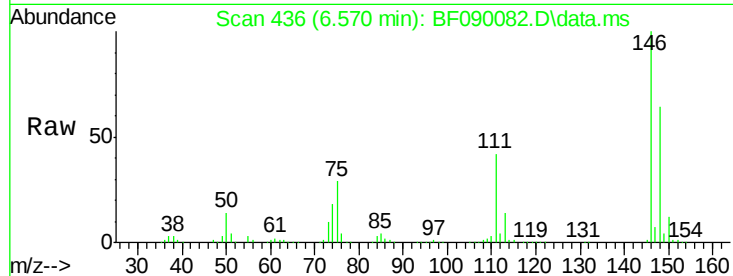




#13
 1,4-Dichlorobenzene
 Concen: 40.73 ng
 RT: 6.570 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

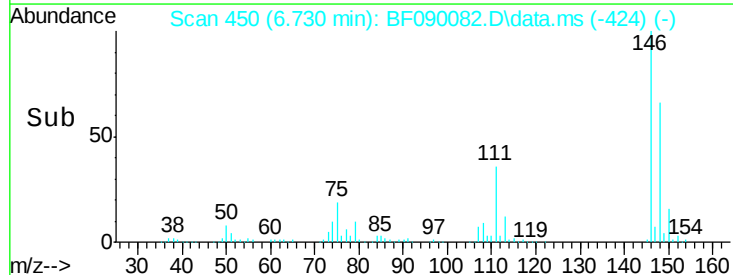
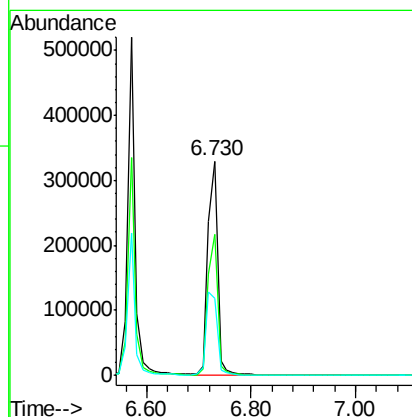
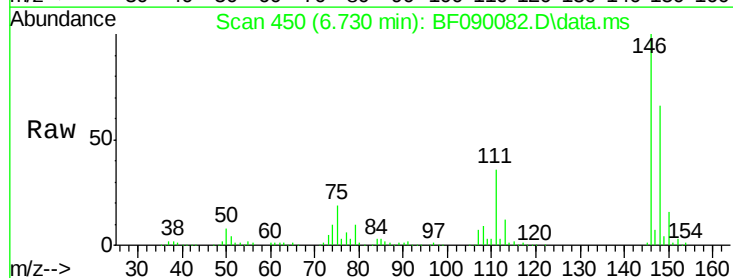
Instrument :
 BNA_F
 ClientSampleId :

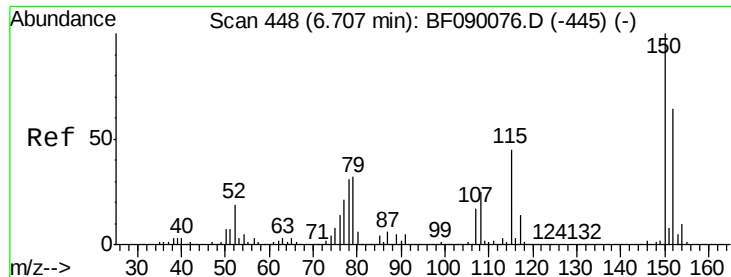
Tot Ion:146 Resp: 512770
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 42.3 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 37.50 ng
 RT: 6.730 min Scan# 450
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion:146 Resp: 428985
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 36.1 28.2 42.2

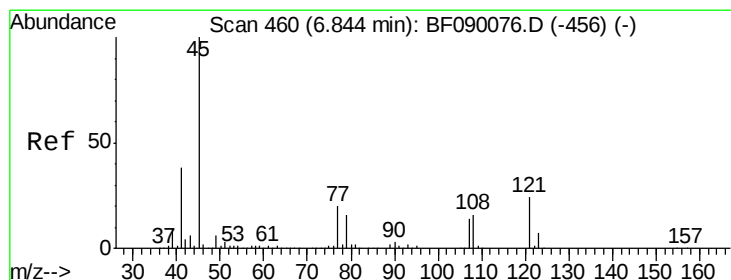
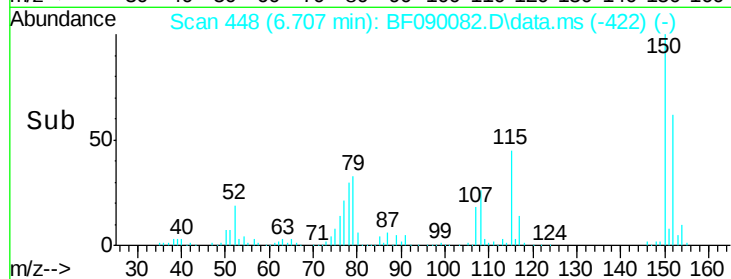
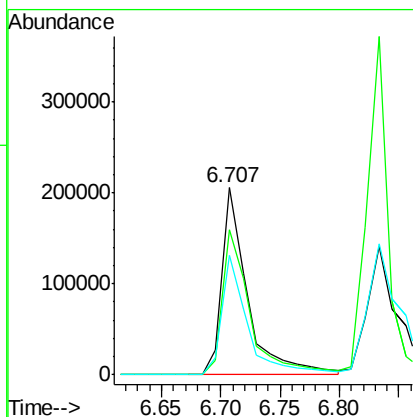
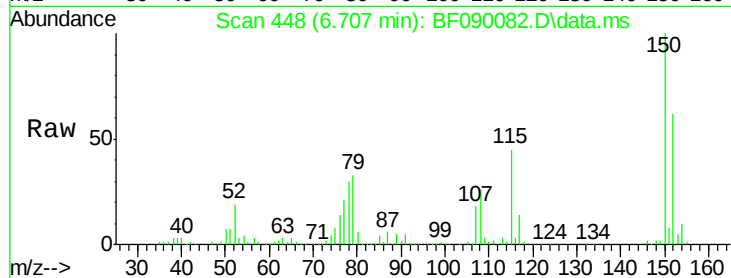




#15
Benzyl Alcohol
Concen: 40.34 ng
RT: 6.707 min Scan# 448
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

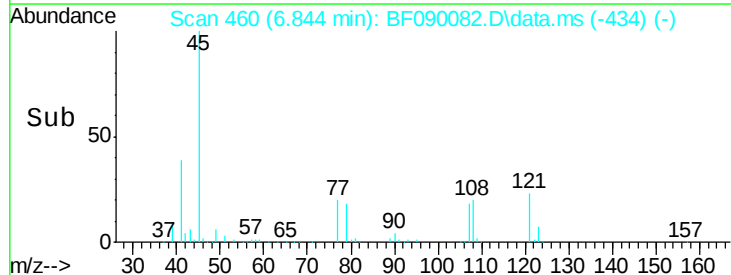
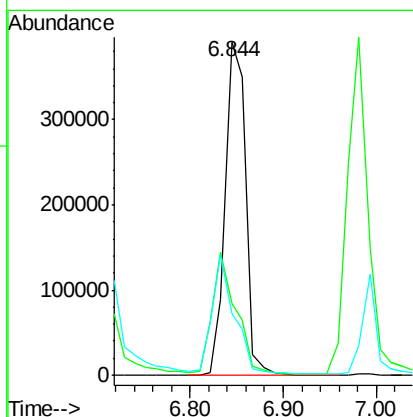
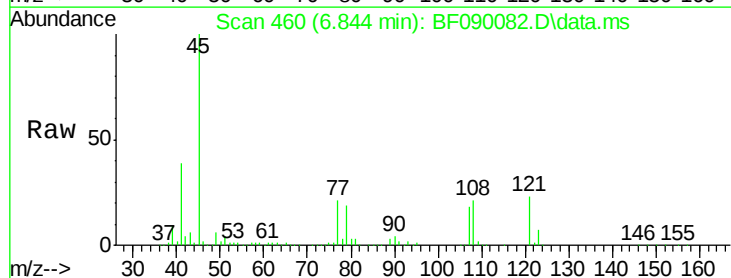
Instrument :
BNA_F
ClientSampleId :

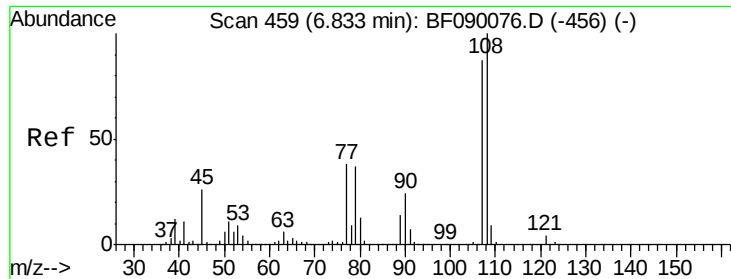
Tot Ion: 79 Resp: 306014
Ion Ratio Lower Upper
79 100
108 77.2 62.2 93.4
77 63.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.71 ng
RT: 6.844 min Scan# 460
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion: 45 Resp: 599410
Ion Ratio Lower Upper
45 100
77 21.4 0.5 40.5
79 18.5 0.0 37.0

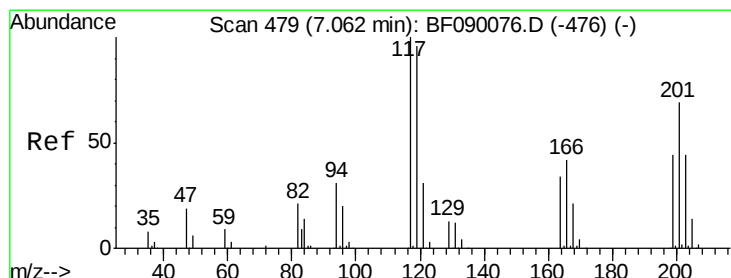
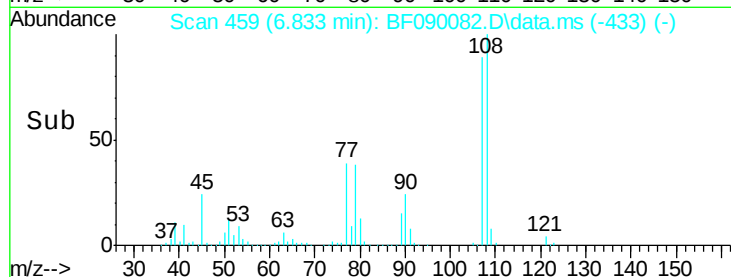
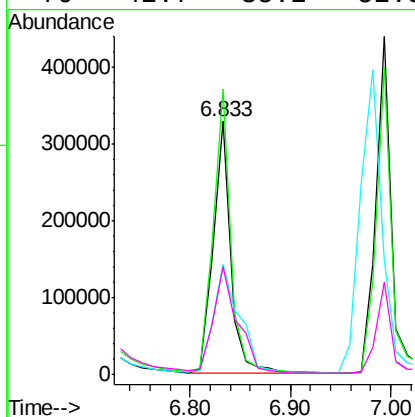
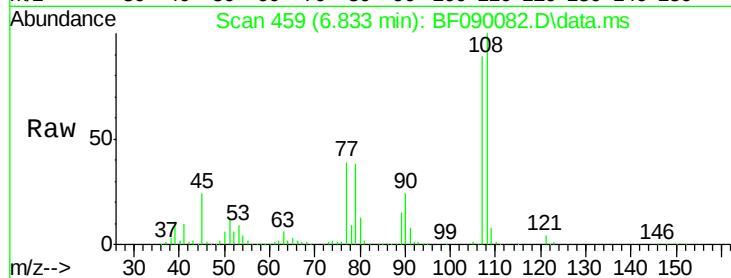




#17
2-Methylphenol
Concen: 41.06 ng
RT: 6.833 min Scan# 45
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

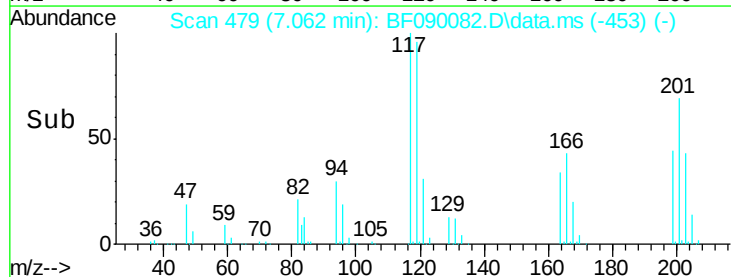
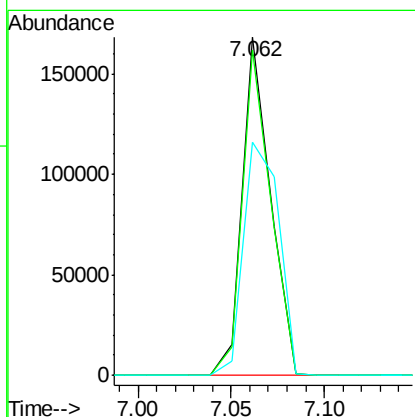
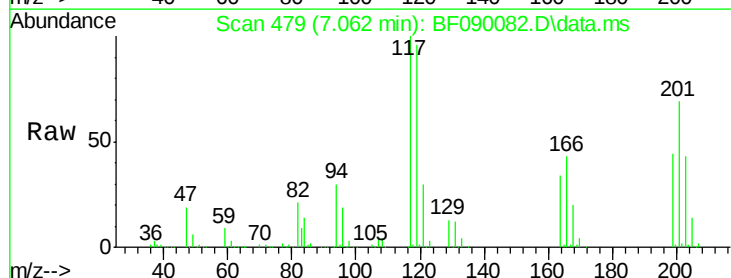
Instrument :
BNA_F
ClientSampleId :

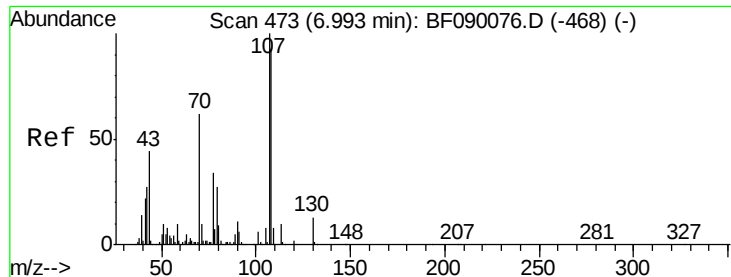
Tot Ion:	107	Resp:	398160
Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.0	138.0
77	43.7	35.6	53.4
79	42.7	35.2	52.8



#18
Hexachloroethane
Concen: 38.69 ng
RT: 7.062 min Scan# 479
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion:	117	Resp:	176771
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
201	69.1	55.5	83.3

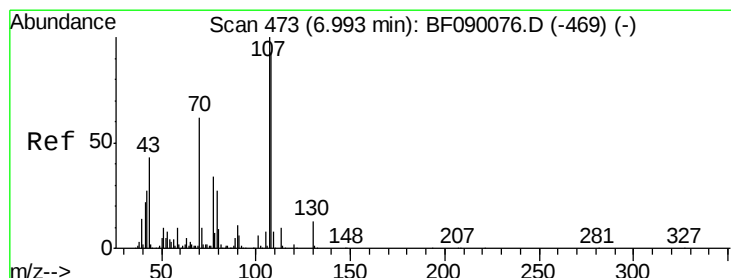
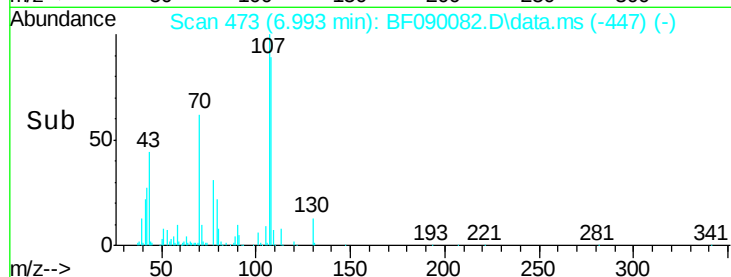
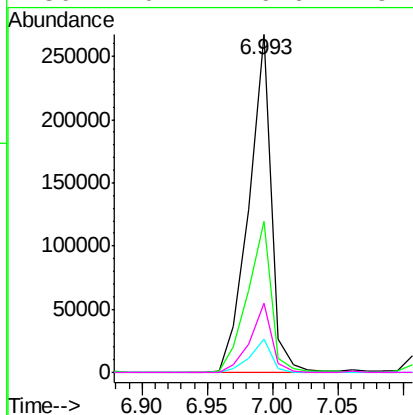
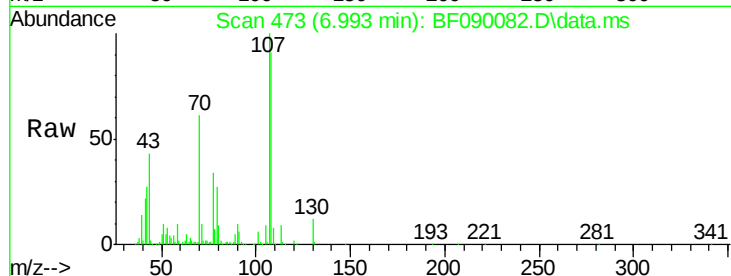




#19
n-Nitroso-di-n-propylamine
Concen: 38.61 ng
RT: 6.993 min Scan# 473
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

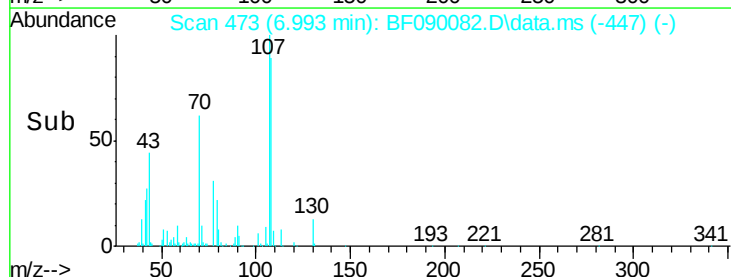
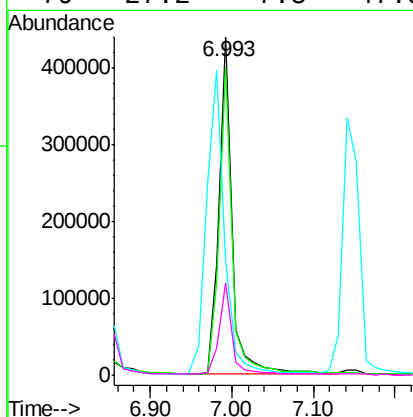
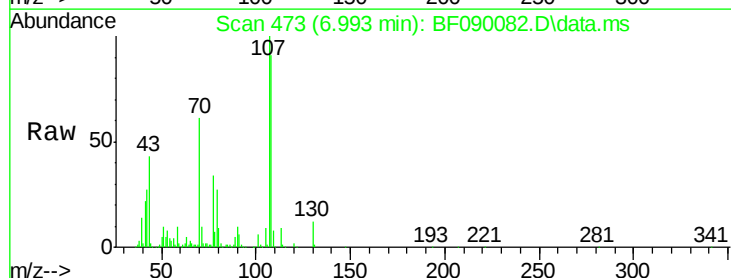
Instrument :
BNA_F
ClientSampleId :

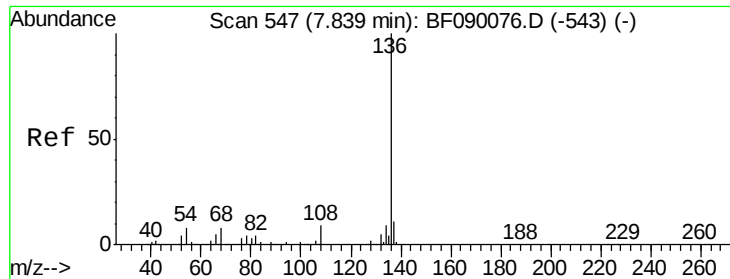
Tot Ion:	70	Resp:	323253
Ion	Ratio	Lower	Upper
70	100		
42	44.8	35.1	52.7
101	9.7	7.5	11.3
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.30 ng
RT: 6.993 min Scan# 473
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion:	107	Resp:	491376
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.3	113.3
77	33.9	14.1	54.1
79	27.2	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.839 min Scan# 54

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 670414

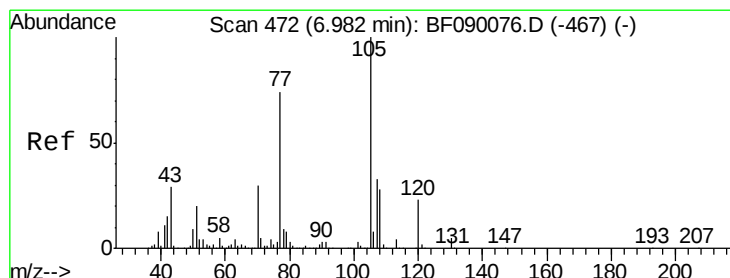
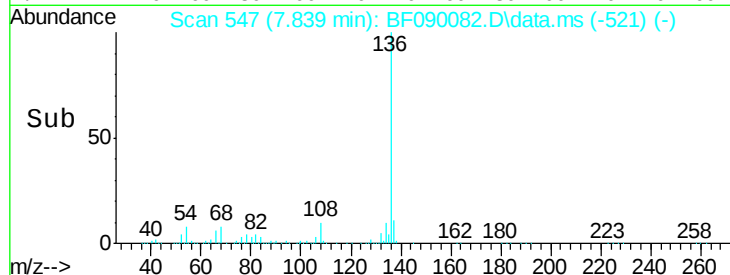
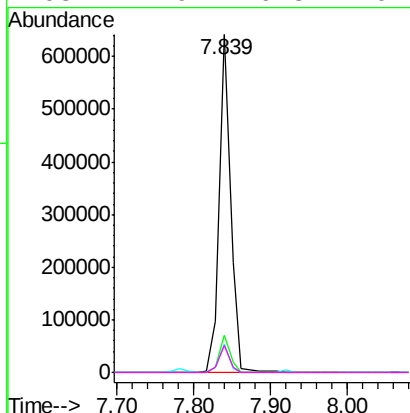
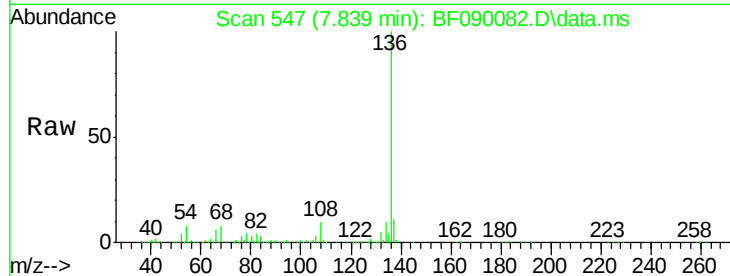
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.3 6.4 9.6

68 7.9 6.3 9.5



#22

Acetophenone

Concen: 42.38 ng

RT: 6.982 min Scan# 472

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:105 Resp: 687801

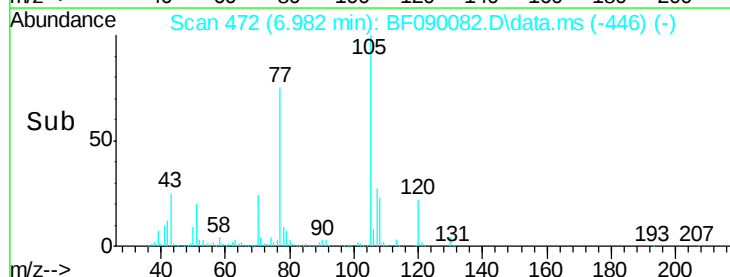
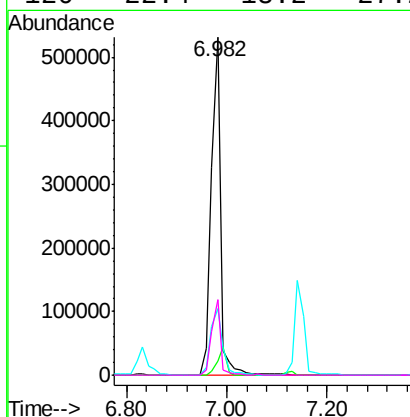
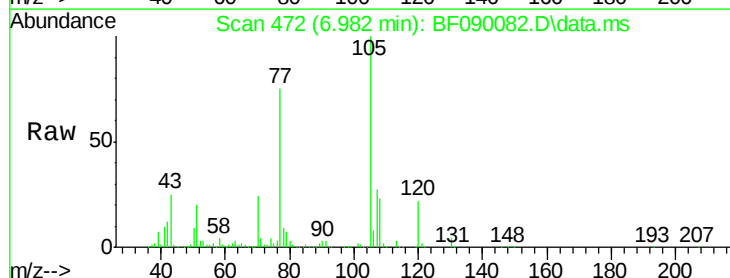
Ion Ratio Lower Upper

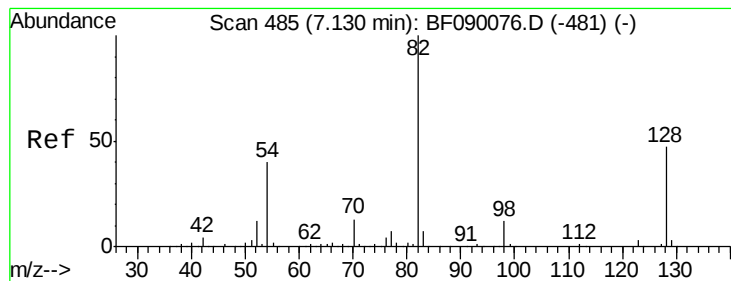
105 100

71 4.2 4.1 6.1

51 19.8 16.2 24.2

120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 81.83 ng

RT: 7.130 min Scan# 481

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

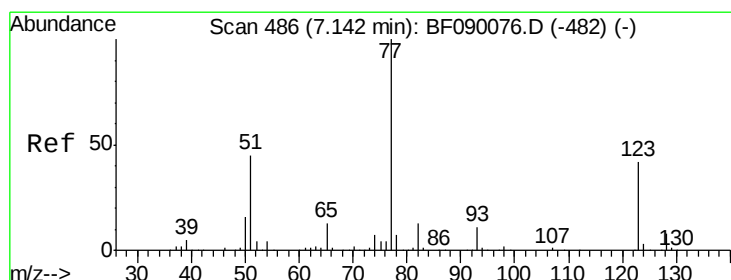
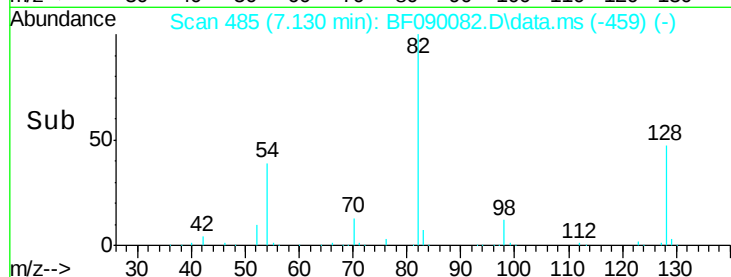
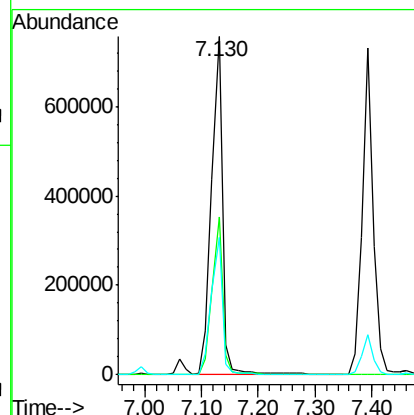
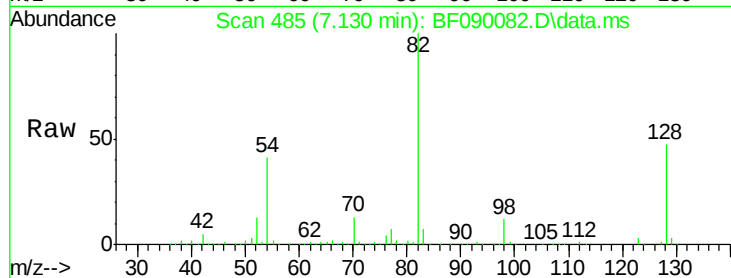
Tot Ion: 82 Resp: 975669

Ion Ratio Lower Upper

82 100

128 46.7 37.5 56.3

54 40.5 31.9 47.9



#24

Nitrobenzene

Concen: 39.16 ng

RT: 7.142 min Scan# 486

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

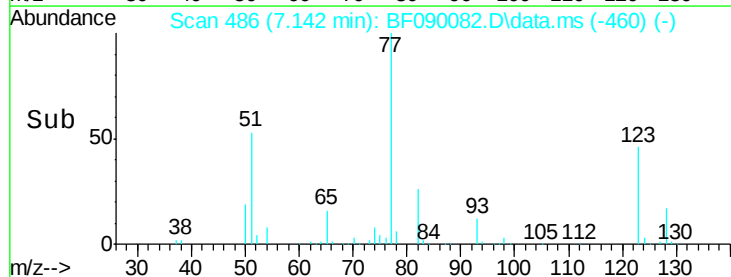
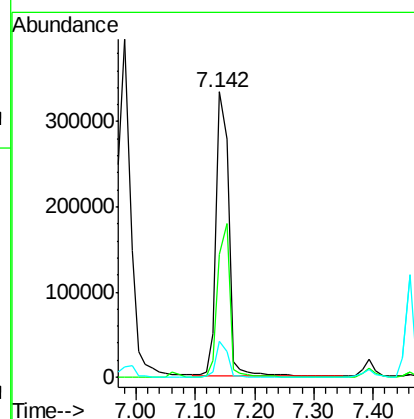
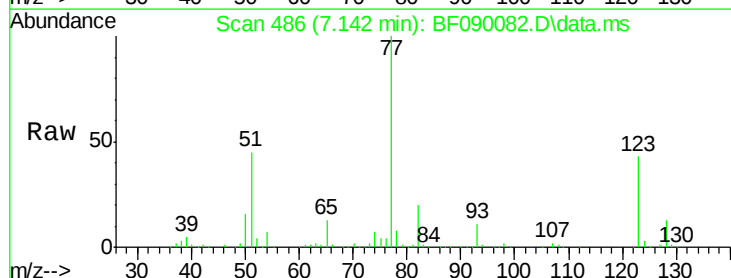
Tgt Ion: 77 Resp: 491876

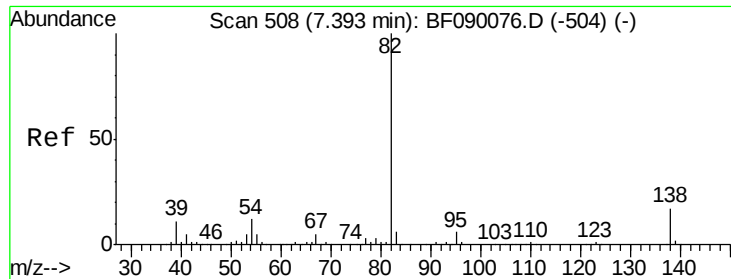
Ion Ratio Lower Upper

77 100

123 43.0 33.4 50.2

65 12.7 10.1 15.1





#25

Isophorone

Concen: 39.90 ng

RT: 7.393 min Scan# 50

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

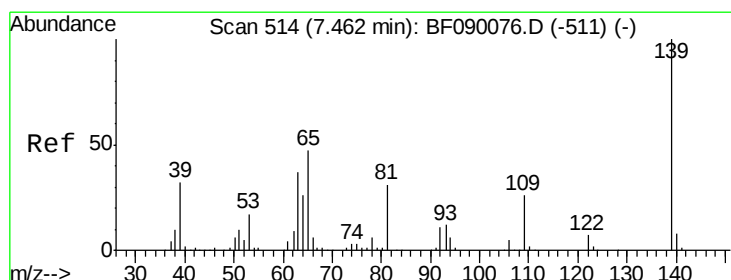
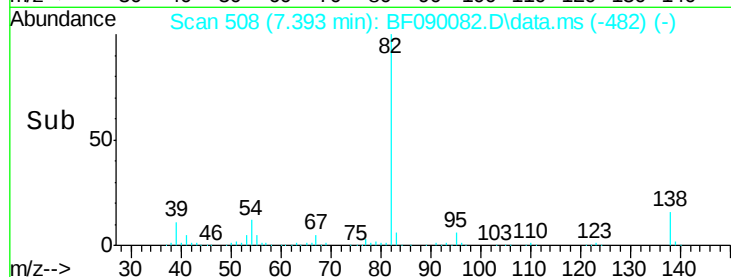
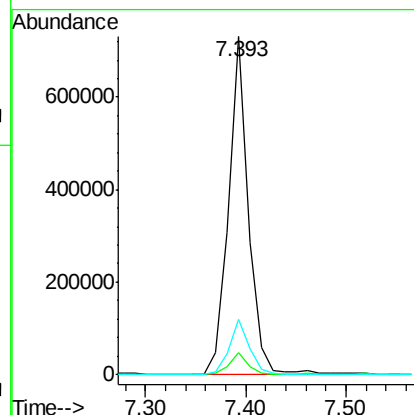
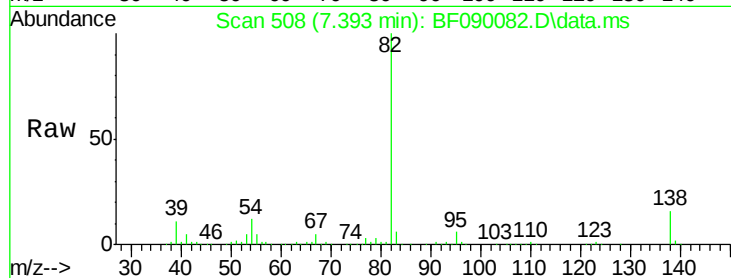
Tot Ion: 82 Resp: 996261

Ion Ratio Lower Upper

82 100

95 6.5 5.1 7.7

138 16.4 13.5 20.3



#26

2-Nitrophenol

Concen: 42.72 ng

RT: 7.462 min Scan# 514

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

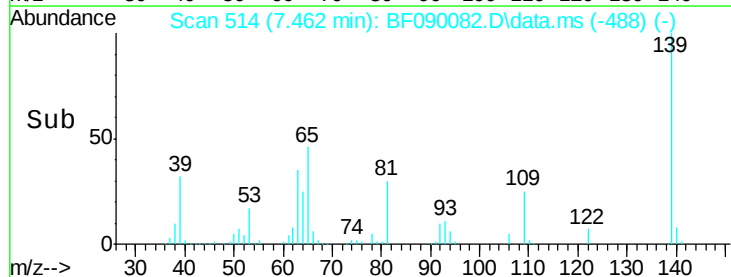
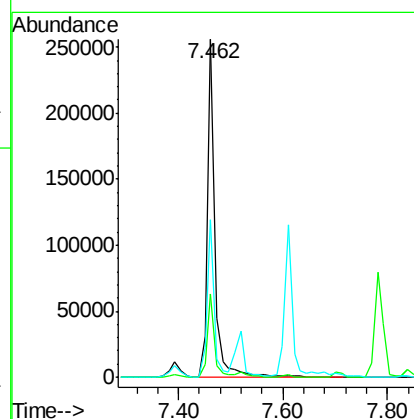
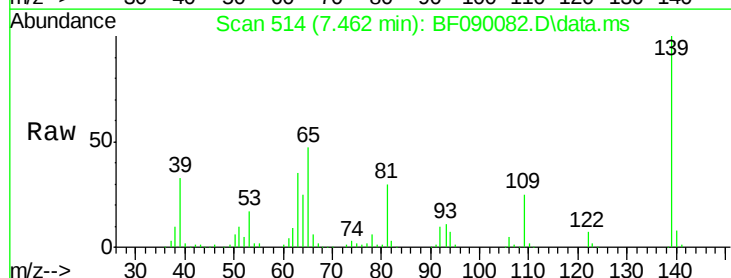
Tgt Ion: 139 Resp: 260170

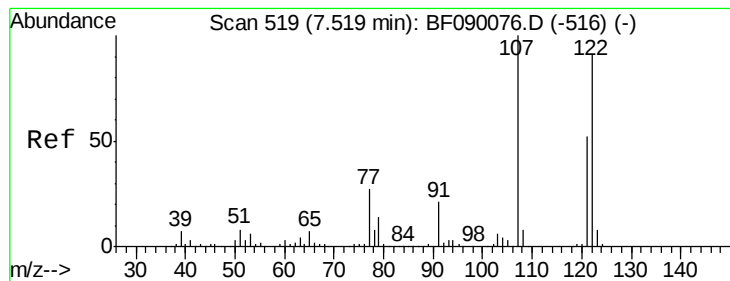
Ion Ratio Lower Upper

139 100

109 24.8 20.5 30.7

65 46.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.55 ng

RT: 7.519 min Scan# 519

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

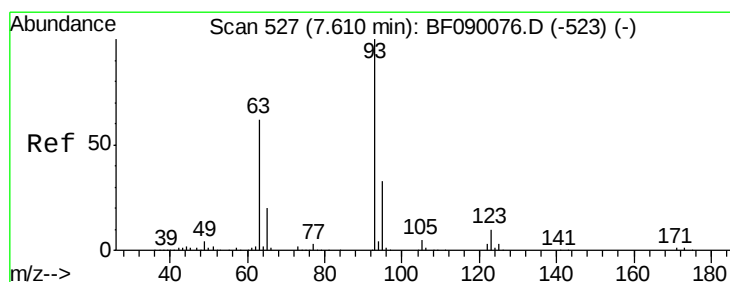
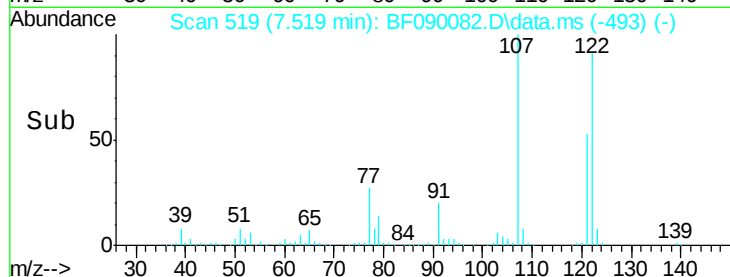
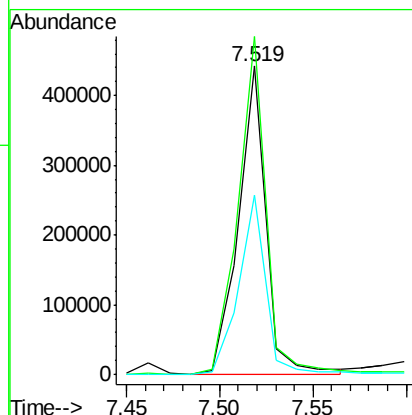
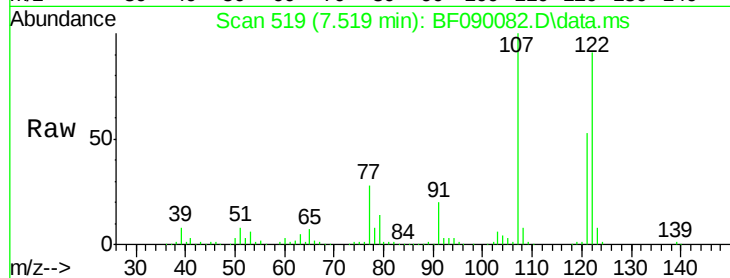
Tot Ion:122 Resp: 455951

Ion Ratio Lower Upper

122 100

107 109.7 87.8 131.6

121 58.2 45.7 68.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.18 ng

RT: 7.610 min Scan# 527

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

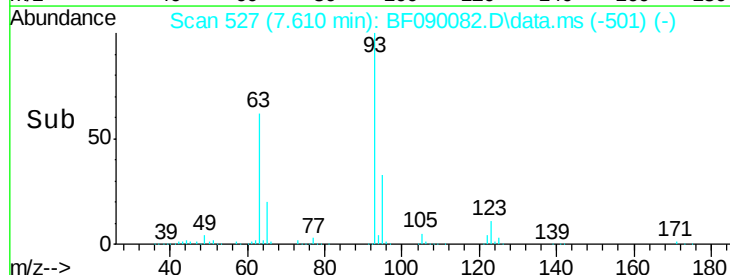
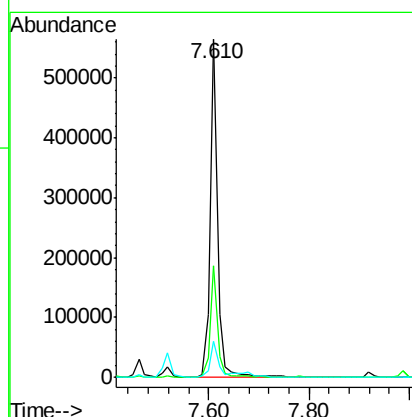
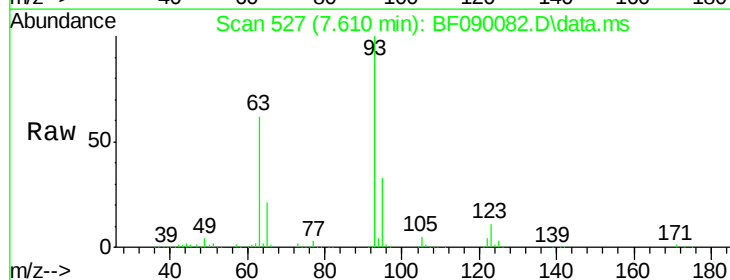
Tgt Ion: 93 Resp: 573776

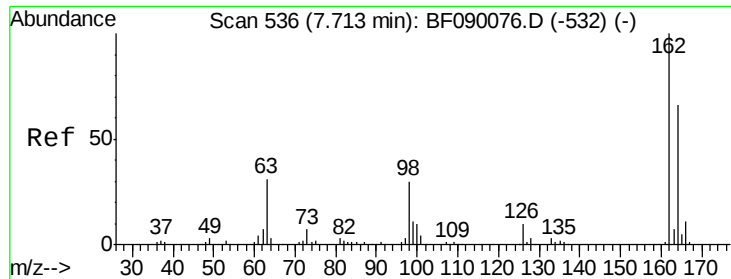
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 10.7 8.5 12.7

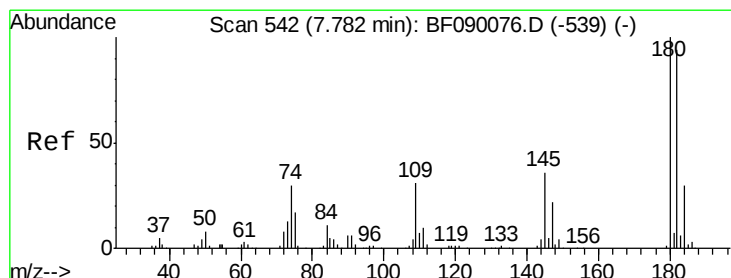
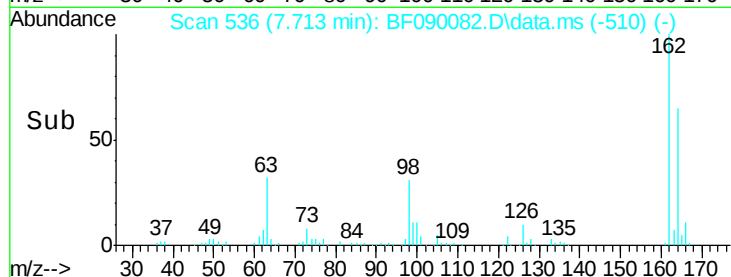
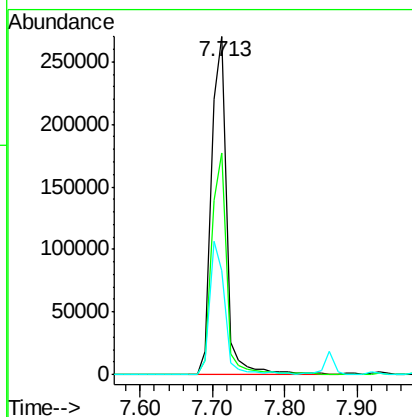
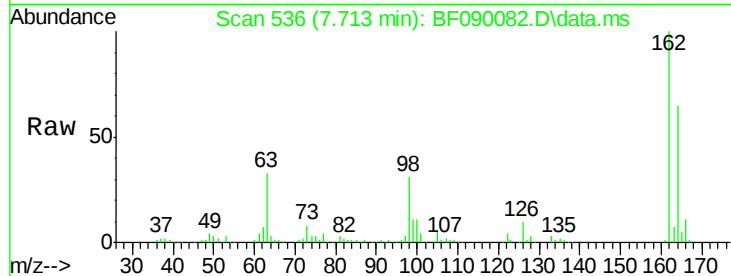




#29
 2,4-Dichlorophenol
 Concen: 41.43 ng
 RT: 7.713 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

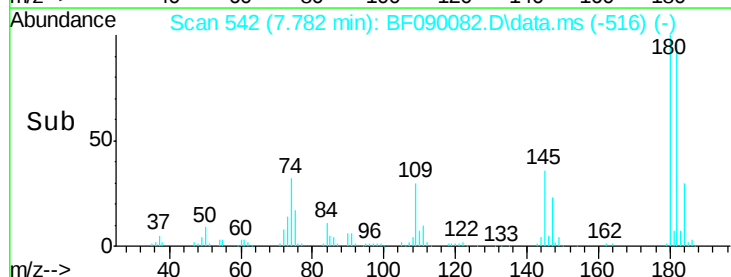
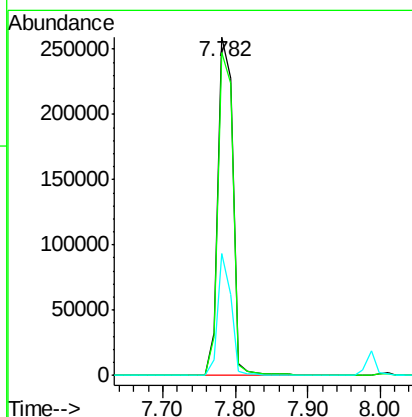
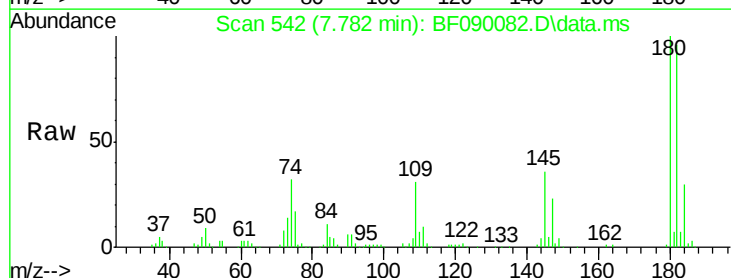
Instrument :
 BNA_F
 ClientSampleId :

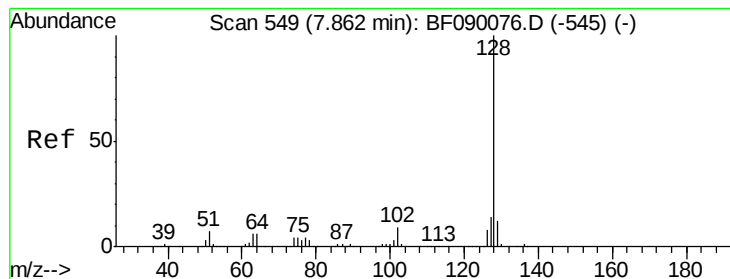
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.2	86.2
98	30.7	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 7.782 min Scan# 542
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
145	36.2	28.6	42.8





#31

Naphthalene

Concen: 38.81 ng

RT: 7.862 min Scan# 54

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

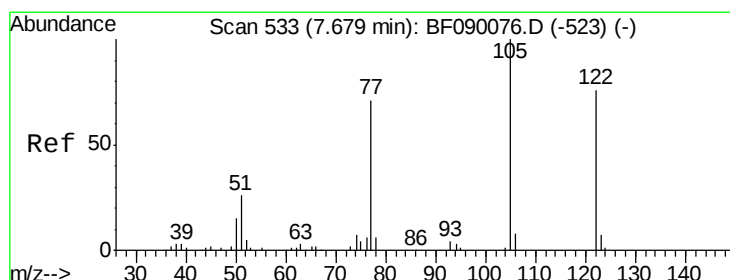
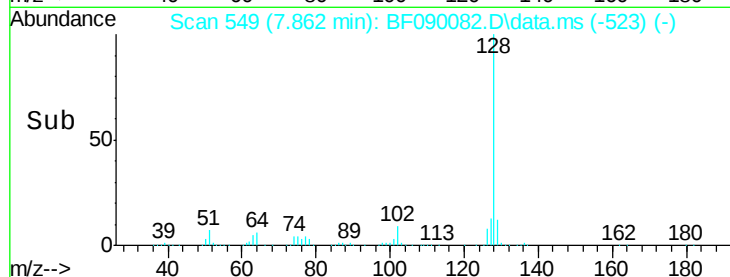
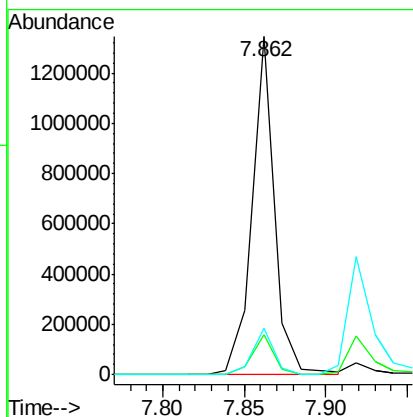
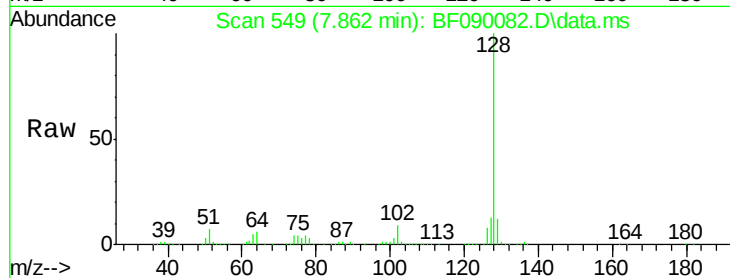
Tot Ion:128 Resp: 1278824

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 39.72 ng

RT: 7.679 min Scan# 533

Delta R.T. 0.001 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

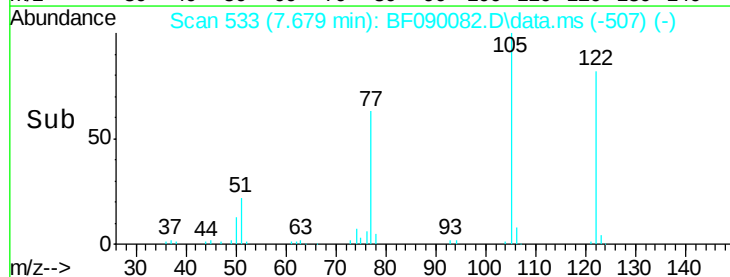
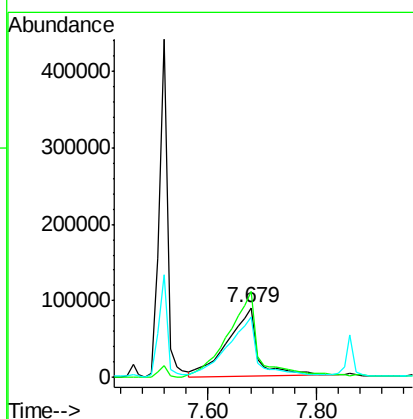
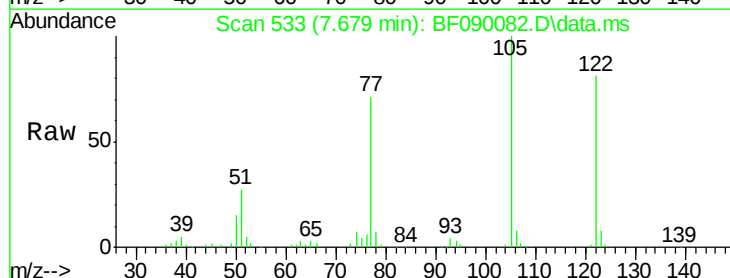
Tgt Ion:122 Resp: 341393

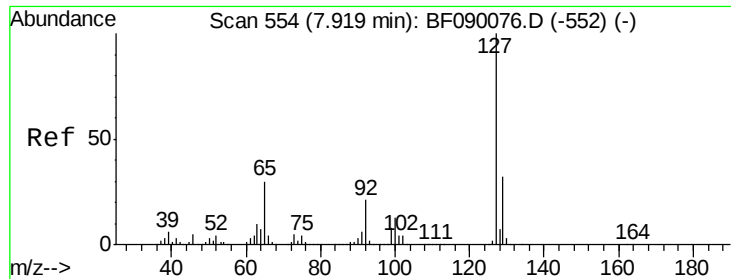
Ion Ratio Lower Upper

122 100

105 122.8 105.0 145.0

77 87.3 70.4 110.4

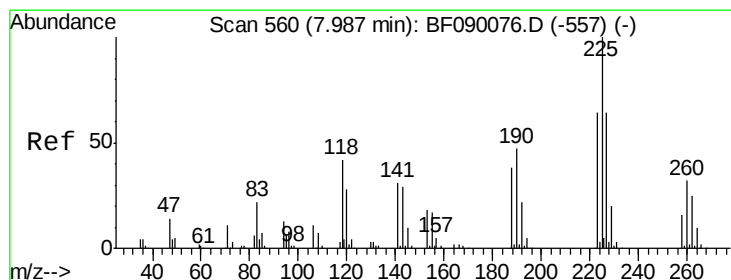
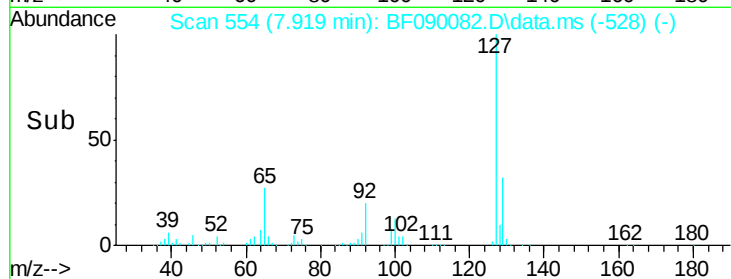
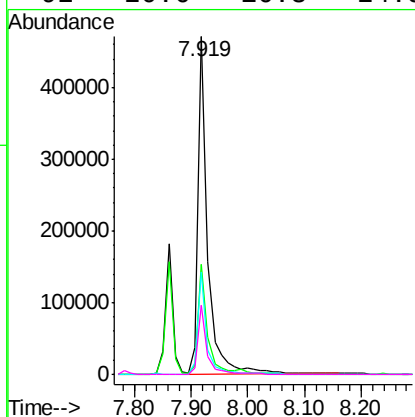
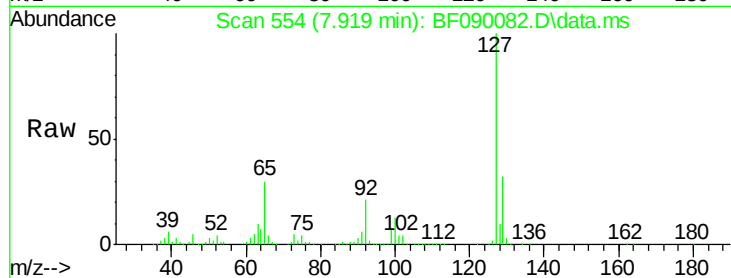




#33
4-Chloroaniline
Concen: 39.32 ng
RT: 7.919 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

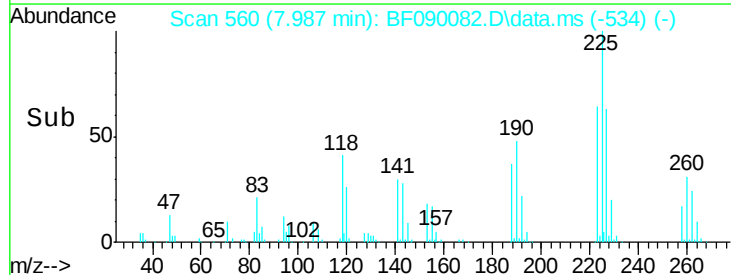
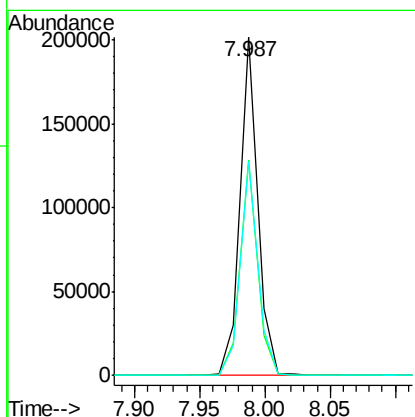
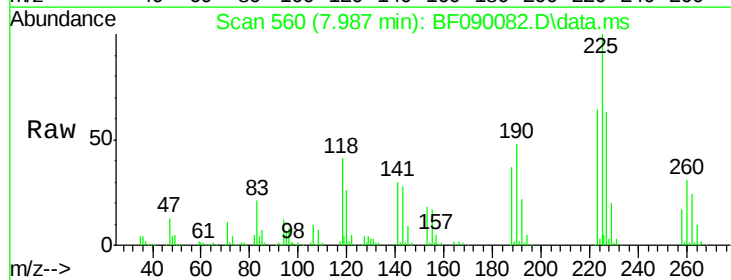
Instrument :
BNA_F
ClientSampleId :

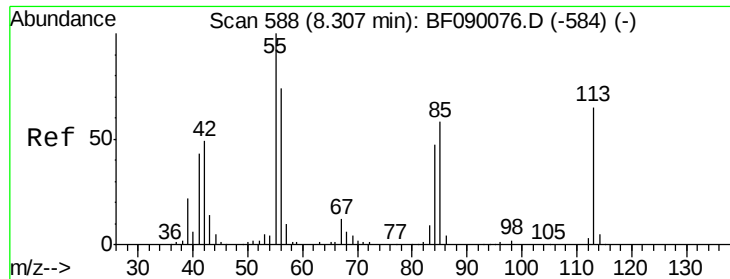
Tot Ion:	127	Resp:	551501
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.6
65	30.4	24.1	36.1
92	20.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.23 ng
RT: 7.987 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion:	225	Resp:	187599
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.3	76.9
227	63.5	51.4	77.0





#35

Caprolactam

Concen: 40.33 ng

RT: 8.307 min Scan# 588

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

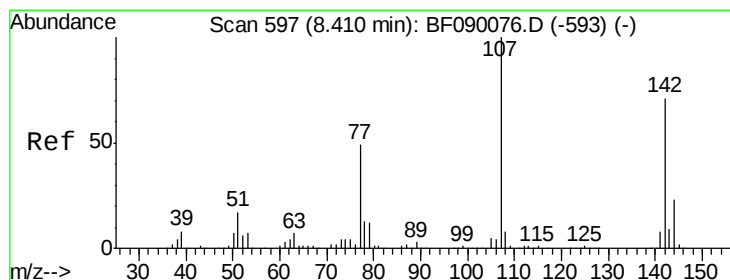
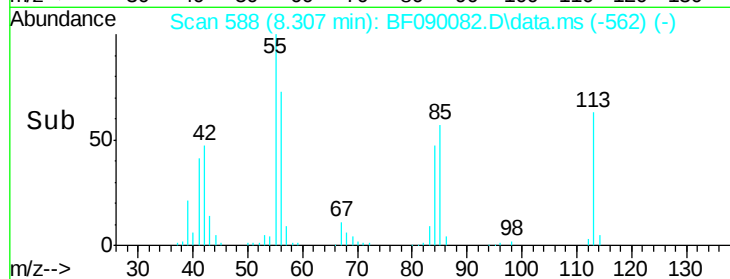
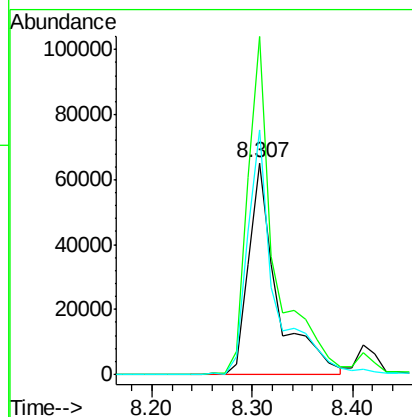
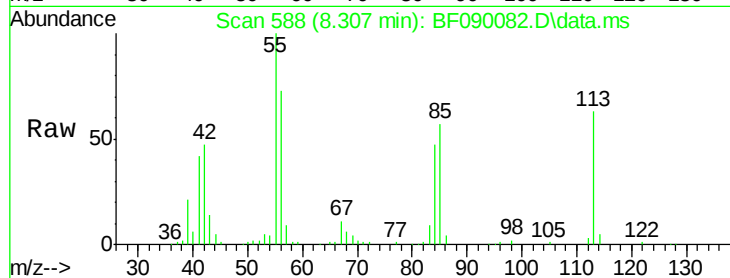
Tot Ion:113 Resp: 127466

Ion Ratio Lower Upper

113 100

55 159.8 134.5 174.5

56 115.9 93.7 133.7



#36

4-Chloro-3-methylphenol

Concen: 39.75 ng

RT: 8.410 min Scan# 597

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

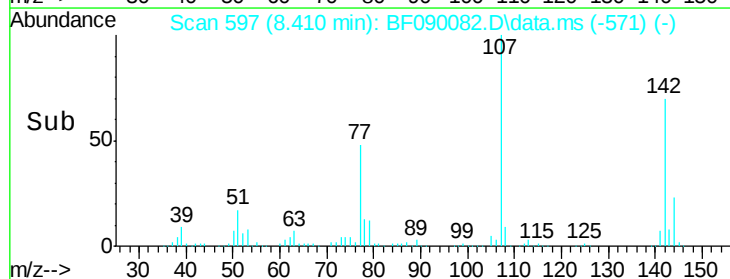
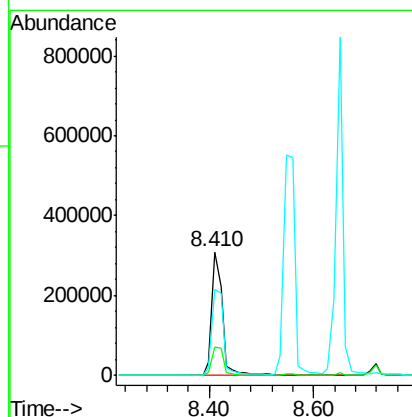
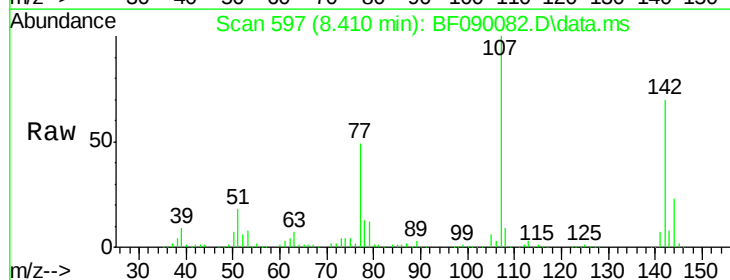
Tgt Ion:107 Resp: 436794

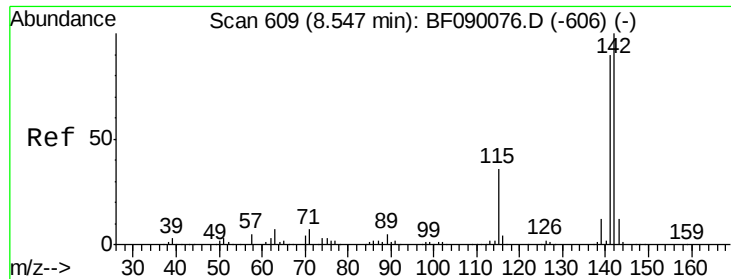
Ion Ratio Lower Upper

107 100

144 22.6 18.6 27.8

142 70.0 57.0 85.6

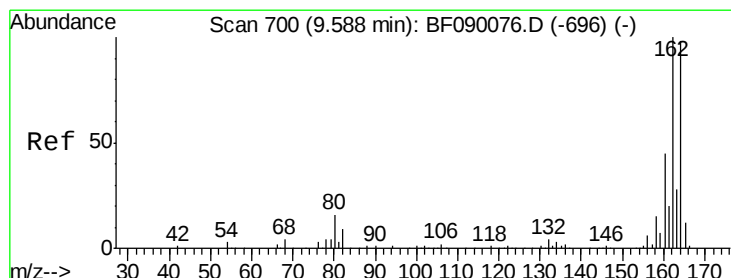
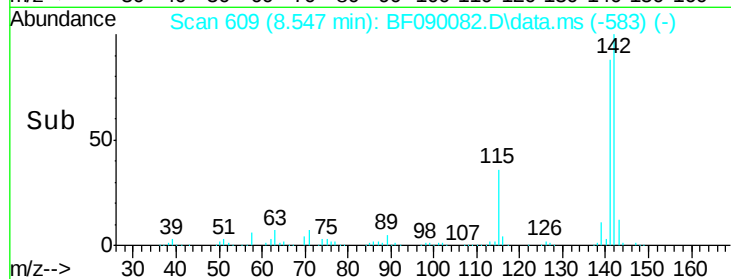
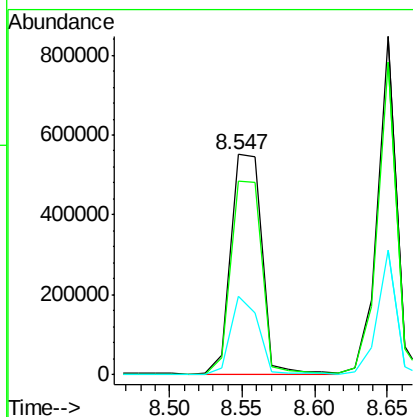
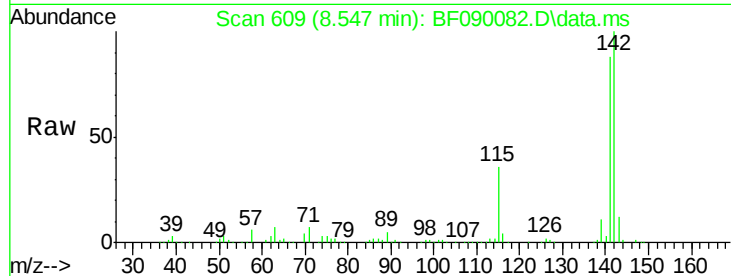




#37
2-Methylnaphthalene
Concen: 40.17 ng
RT: 8.547 min Scan# 609
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

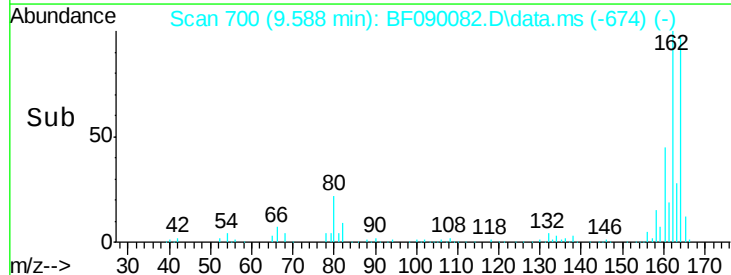
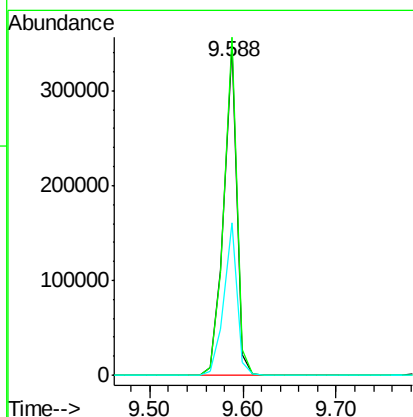
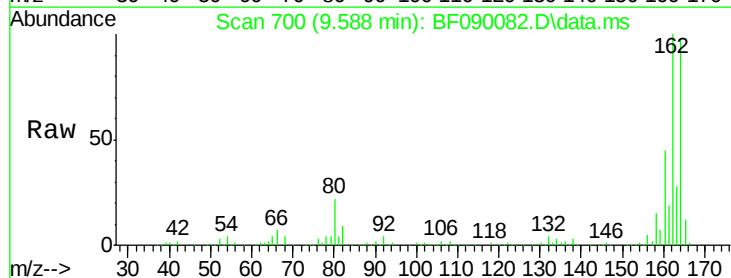
Instrument :
BNA_F
ClientSampleId :

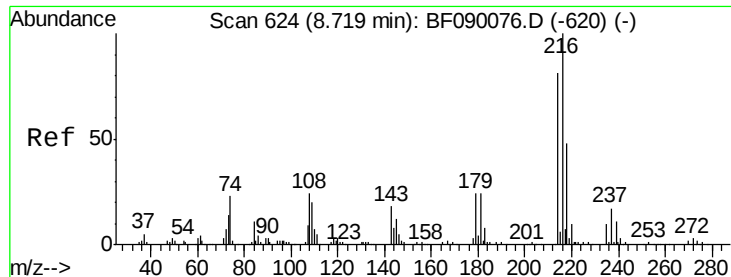
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	35.6	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.588 min Scan# 700
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.2
160	46.6	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.86 ng

RT: 8.719 min Scan# 62

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 319535

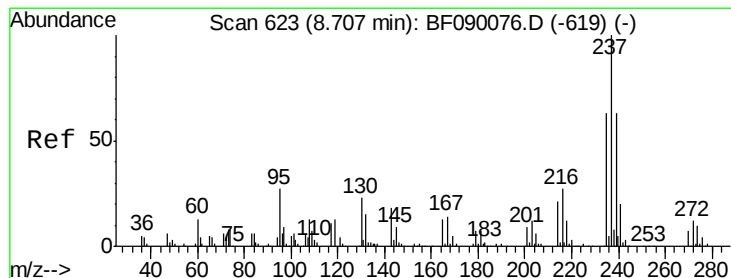
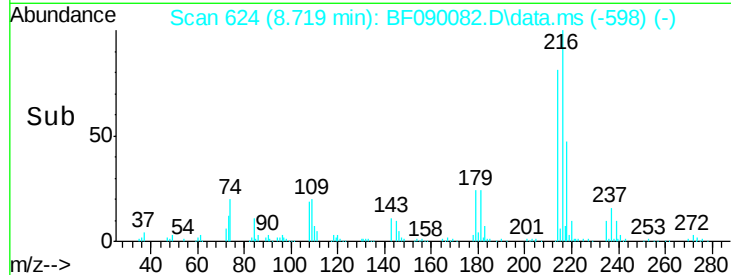
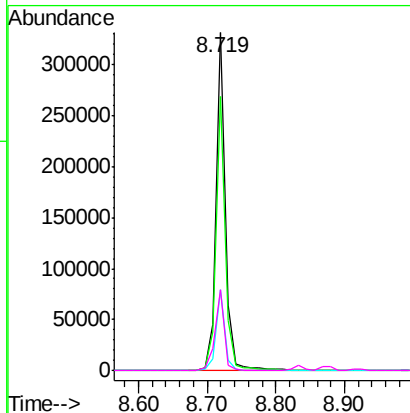
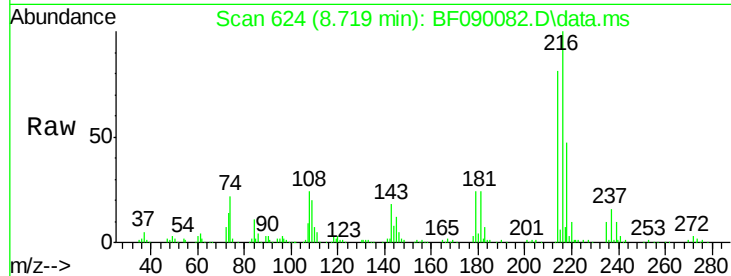
Ion Ratio Lower Upper

216 100

214 80.1 63.7 95.5

179 22.6 18.5 27.7

108 23.9 19.5 29.3



#40

Hexachlorocyclopentadiene

Concen: 38.53 ng

RT: 8.707 min Scan# 623

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

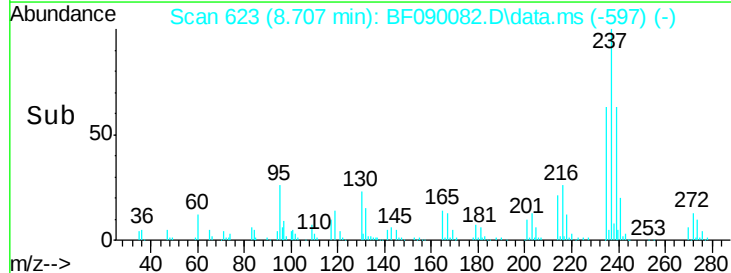
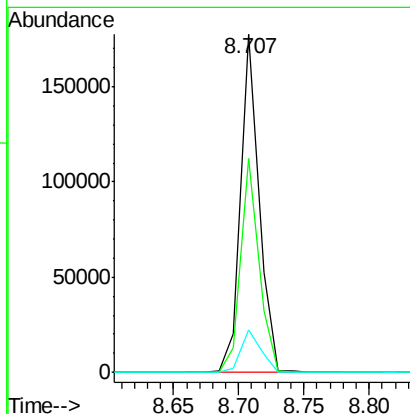
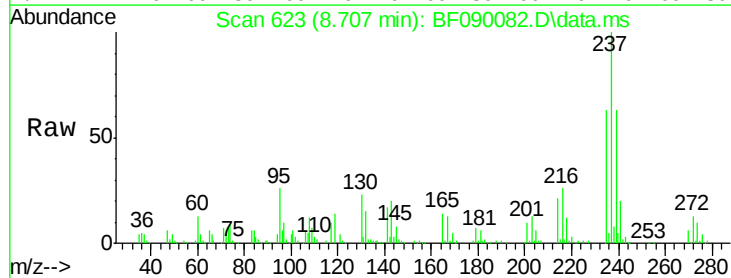
Tgt Ion:237 Resp: 173588

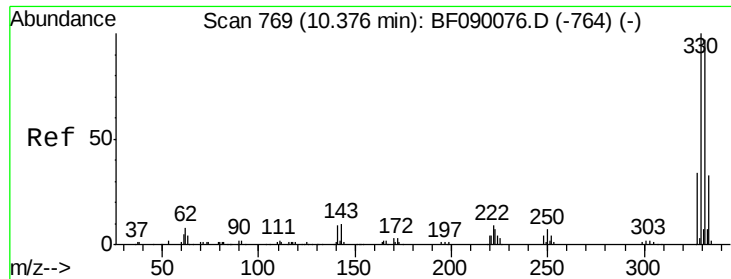
Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

272 12.7 0.0 32.0

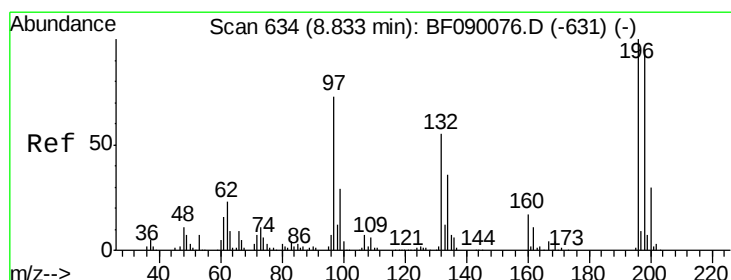
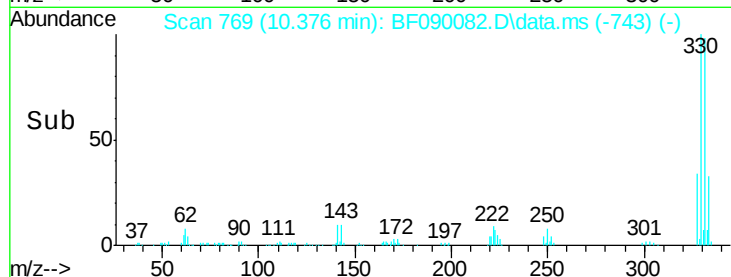
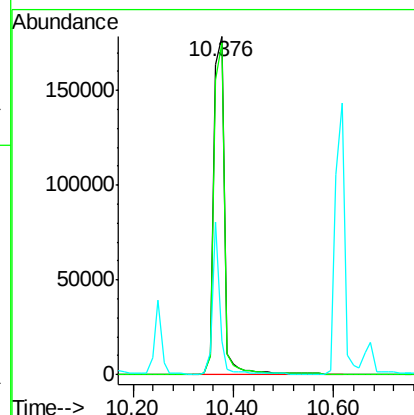
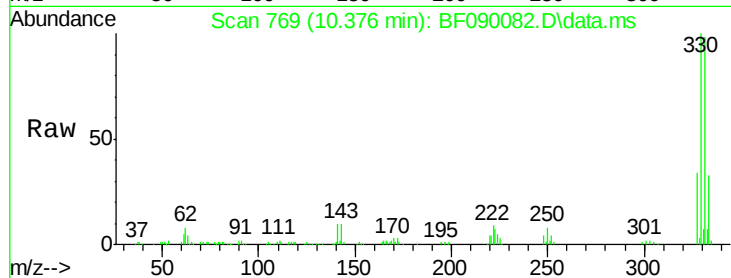




#41
 2,4,6-Tribromophenol
 Concen: 78.65 ng
 RT: 10.376 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

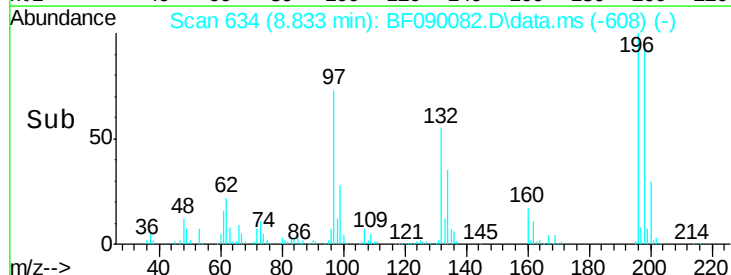
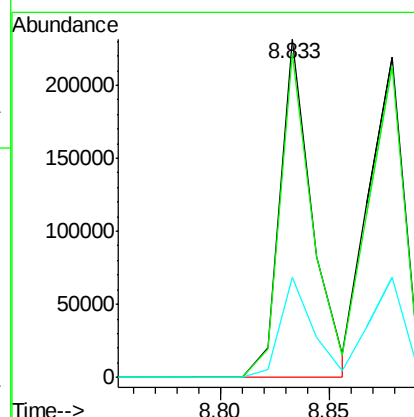
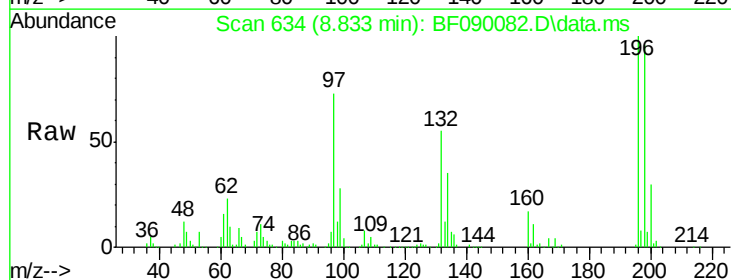
Instrument :
 BNA_F
 ClientSampleId :

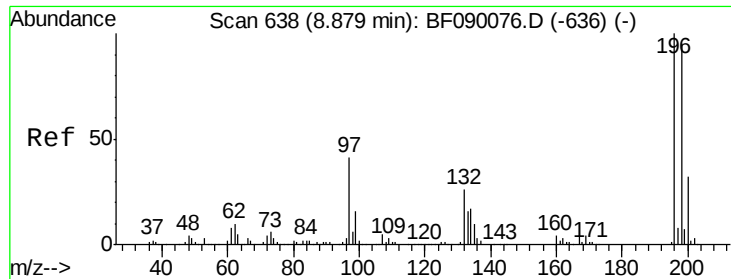
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	31.5	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.23 ng
 RT: 8.833 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
200	29.5	24.1	36.1

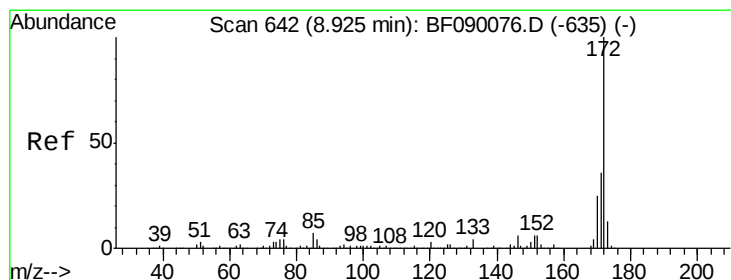
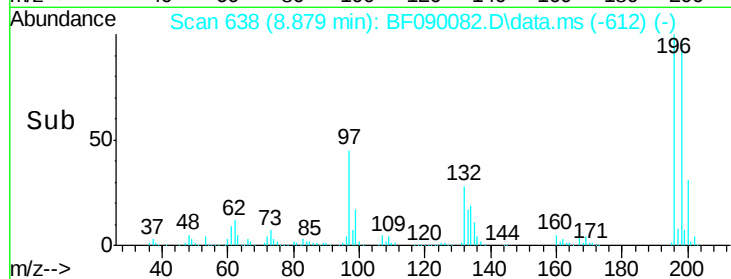
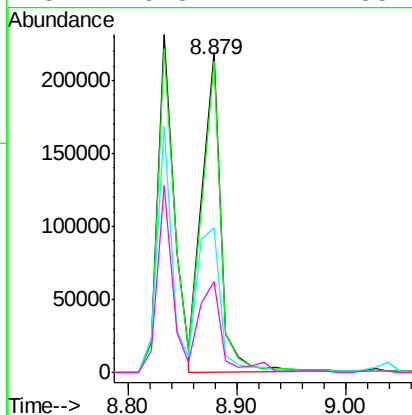
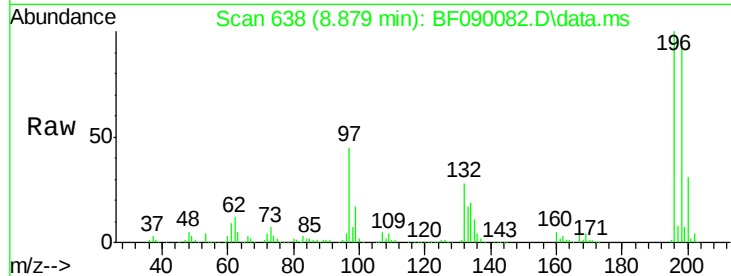




#43
 2,4,5-Trichlorophenol
 Concen: 39.12 ng
 RT: 8.879 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

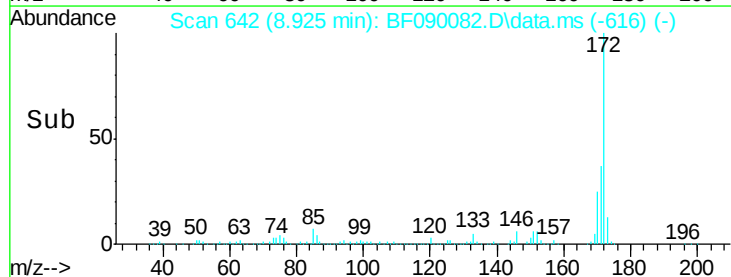
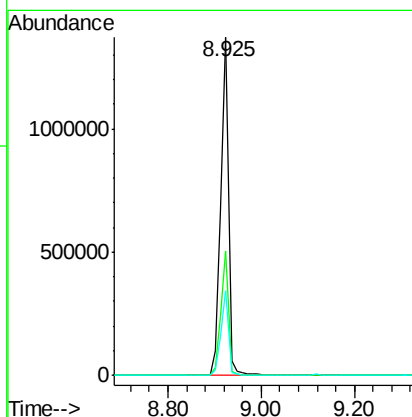
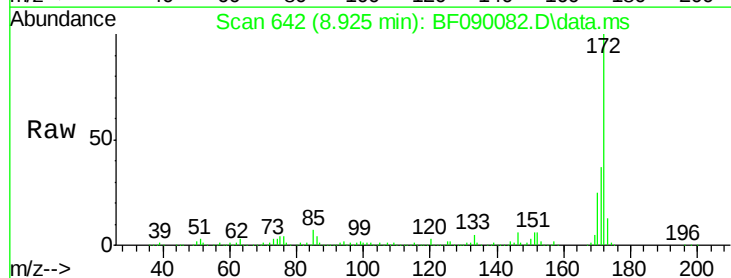
Instrument :
 BNA_F
 ClientSampleId :

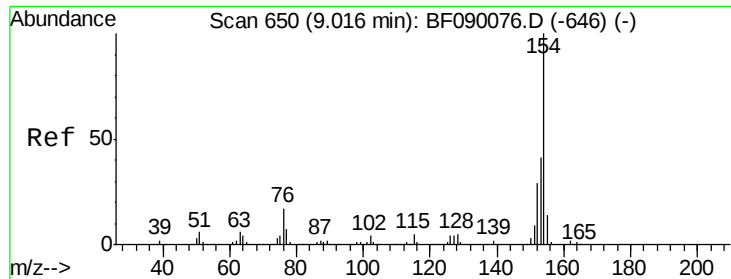
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.6	114.8
97	45.2	34.4	51.6
132	28.3	22.2	33.2



#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 8.925 min Scan# 642
 Delta R.T. 0.001 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

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

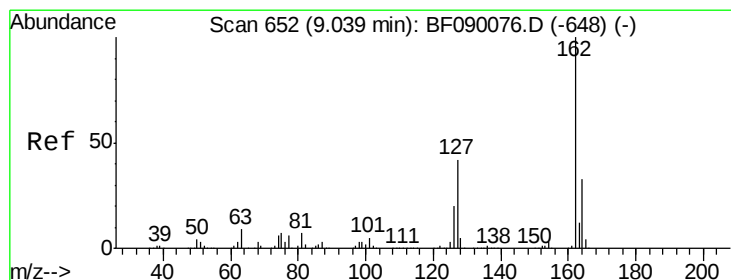
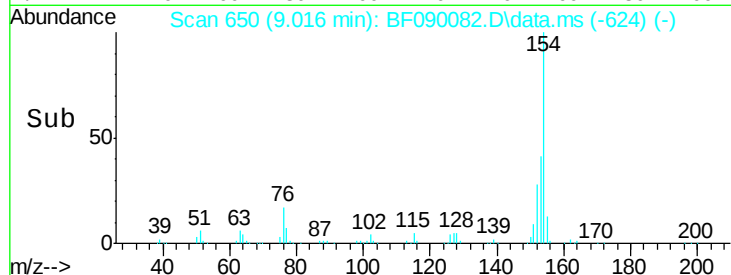
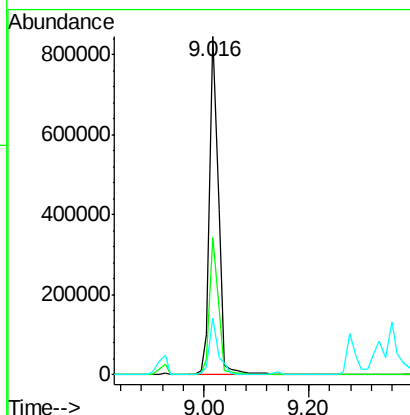
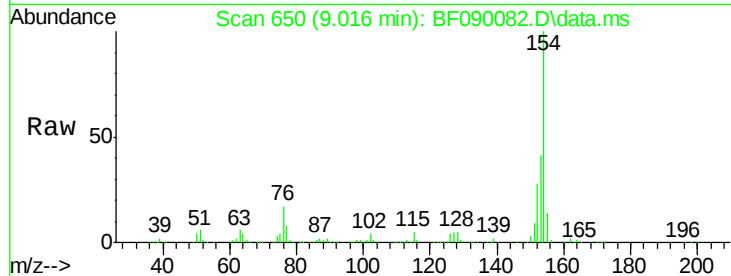




#45
 1,1'-Biphenyl
 Concen: 35.82 ng
 RT: 9.016 min Scan# 650
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

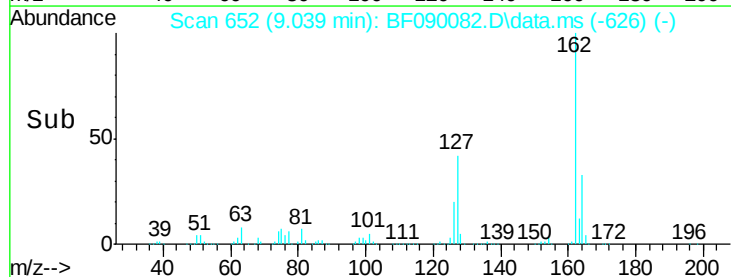
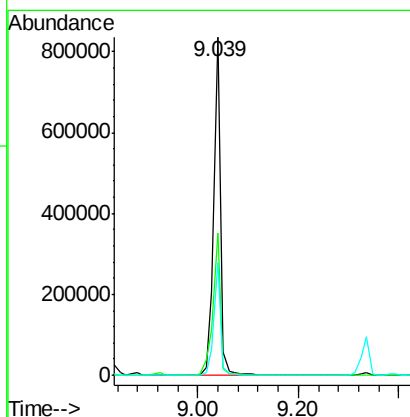
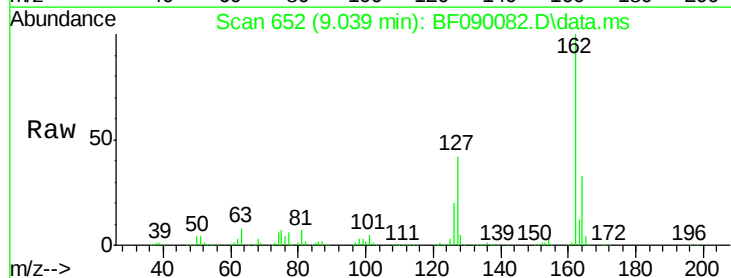
Instrument :
 BNA_F
 ClientSampleId :

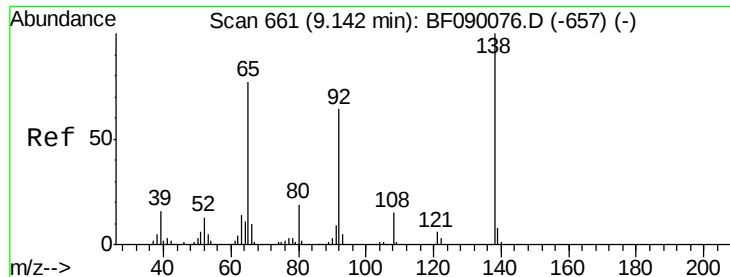
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	16.9	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 38.88 ng
 RT: 9.039 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.0	51.0
164	33.4	26.8	40.2

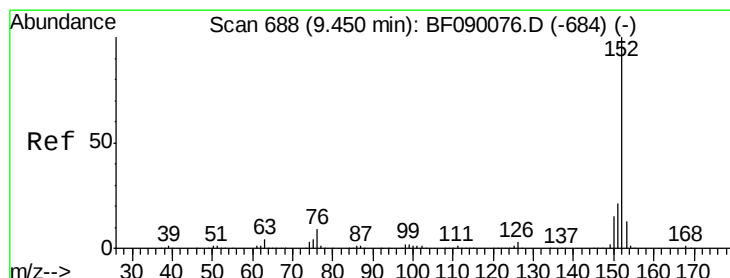
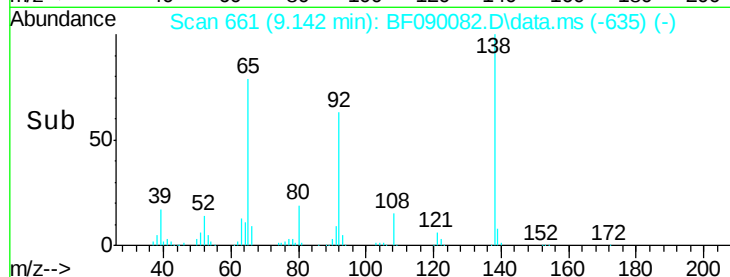
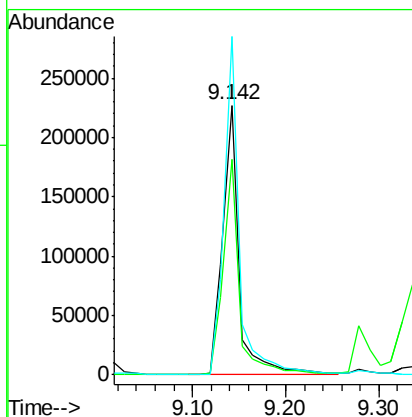
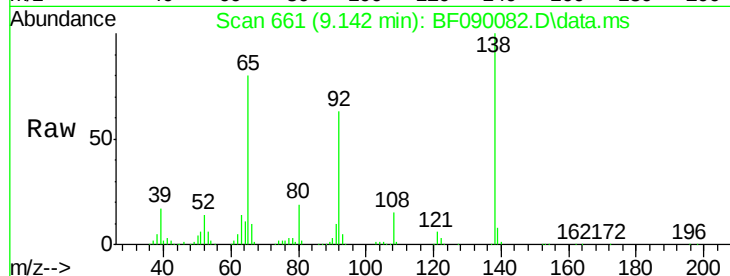




#47
 2-Nitroaniline
 Concen: 42.41 ng
 RT: 9.142 min Scan# 661
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

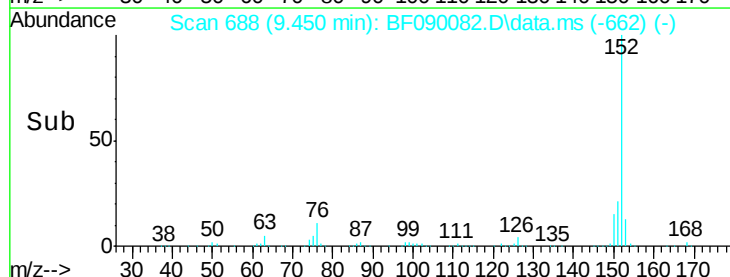
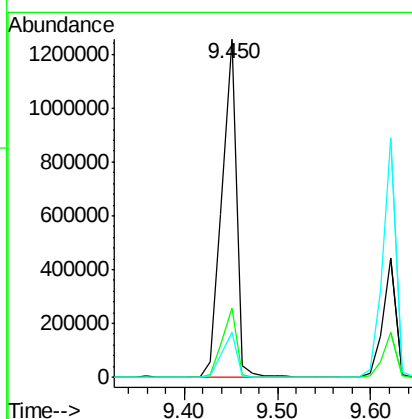
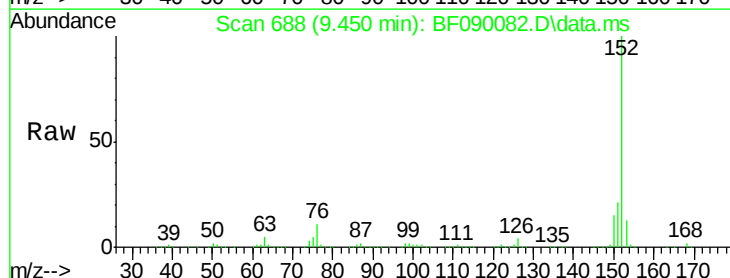
Instrument :
 BNA_F
 ClientSampleId :

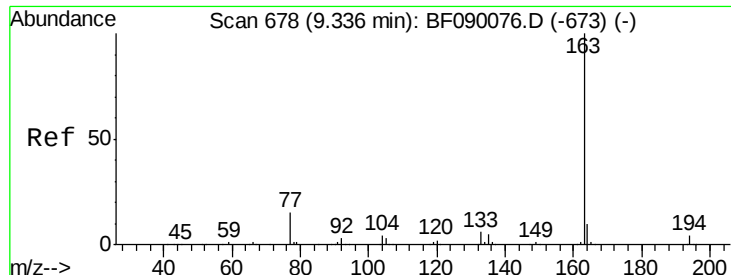
Tot Ion: 65 Resp: 276734
 Ion Ratio Lower Upper
 65 100
 92 79.7 66.1 99.1
 138 125.6 104.1 156.1



#48
 Acenaphthylene
 Concen: 39.95 ng
 RT: 9.450 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion: 152 Resp: 1371375
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.5 24.7
 153 13.3 10.6 15.8





#49

Dimethylphthalate

Concen: 40.69 ng

RT: 9.336 min Scan# 67

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

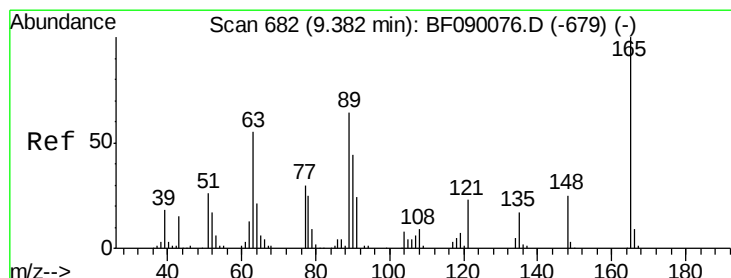
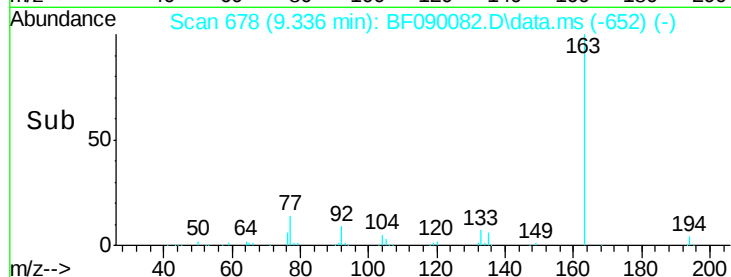
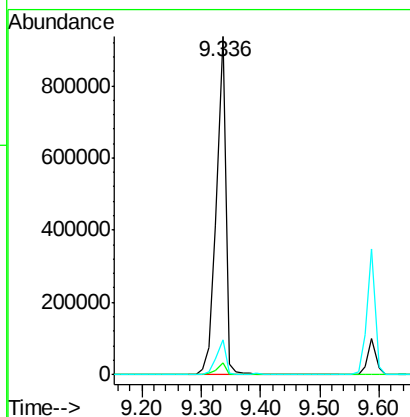
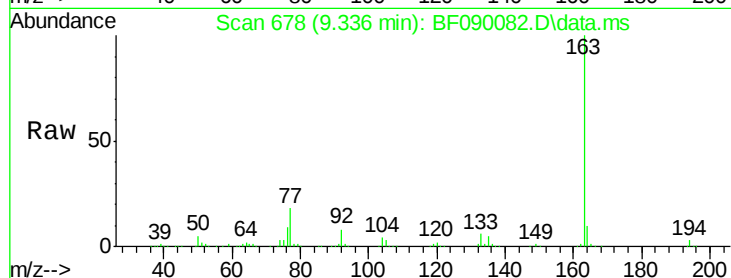
Tot Ion:163 Resp: 1018860

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

164 10.3 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 40.98 ng

RT: 9.393 min Scan# 683

Delta R.T. 0.011 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

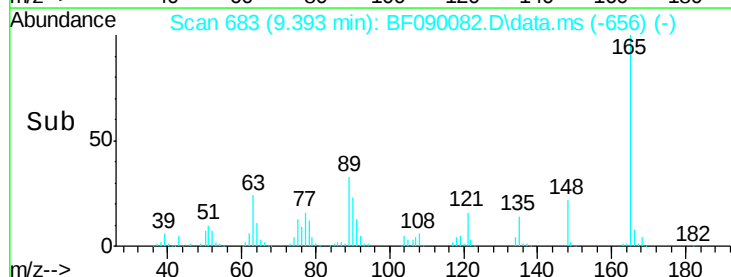
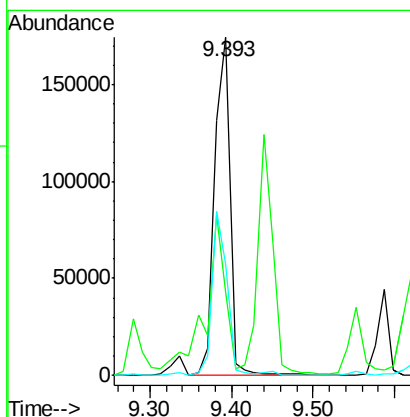
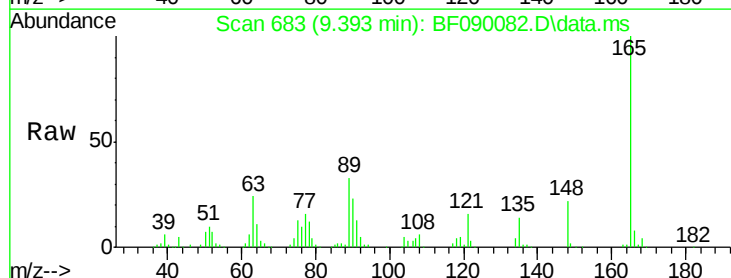
Tgt Ion:165 Resp: 229303

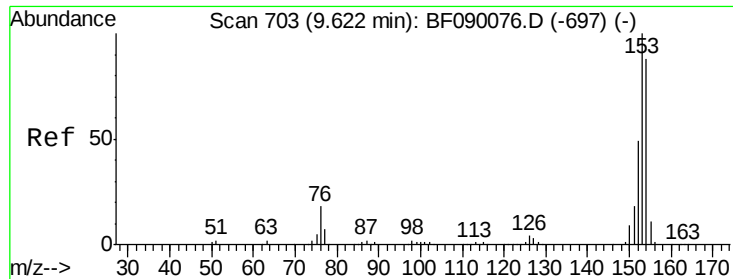
Ion Ratio Lower Upper

165 100

63 24.5 49.9 74.9#

89 33.0 51.0 76.4#





#51

Acenaphthene

Concen: 40.07 ng

RT: 9.622 min Scan# 70

Delta R.T. 0.001 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

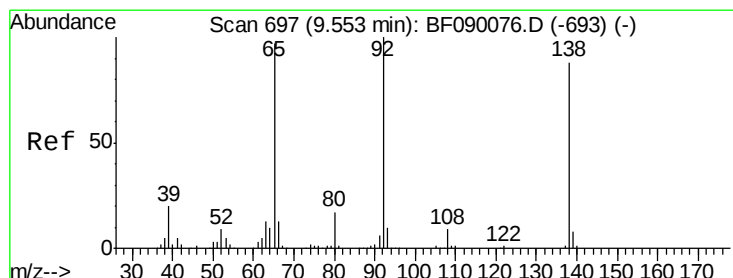
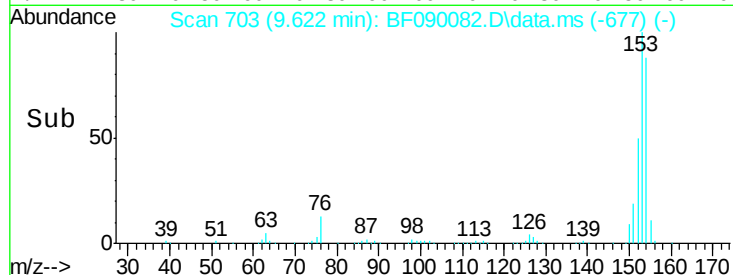
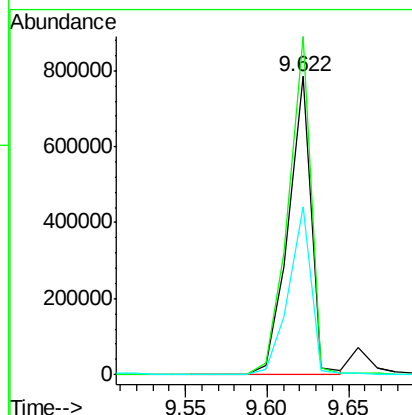
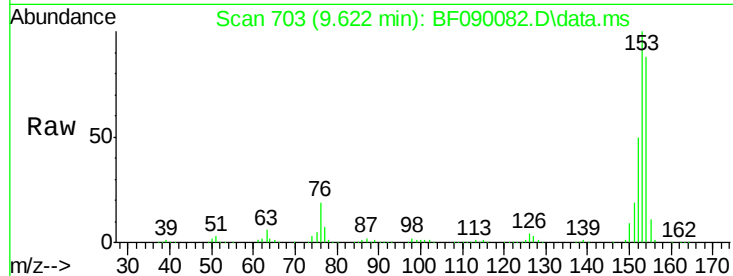
Tot Ion:154 Resp: 768189

Ion Ratio Lower Upper

154 100

153 113.4 90.8 136.2

152 56.2 44.2 66.4



#52

3-Nitroaniline

Concen: 39.99 ng

RT: 9.553 min Scan# 697

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

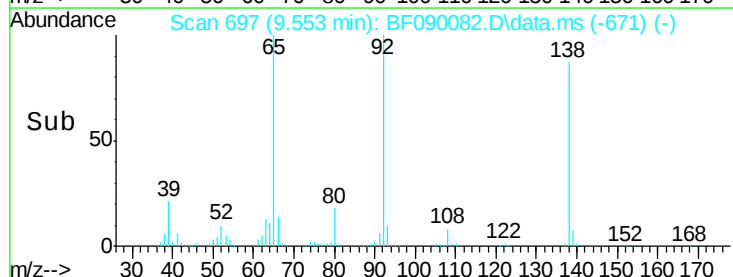
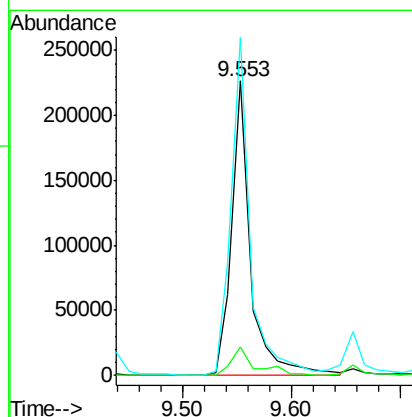
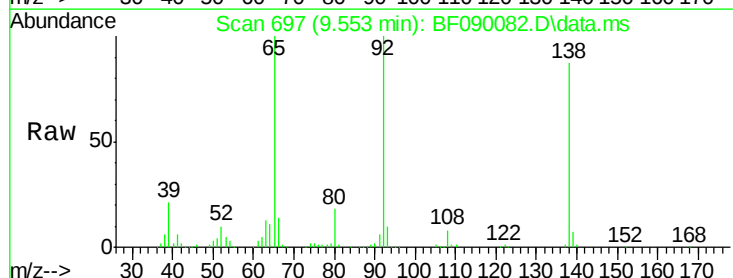
Tgt Ion:138 Resp: 272230

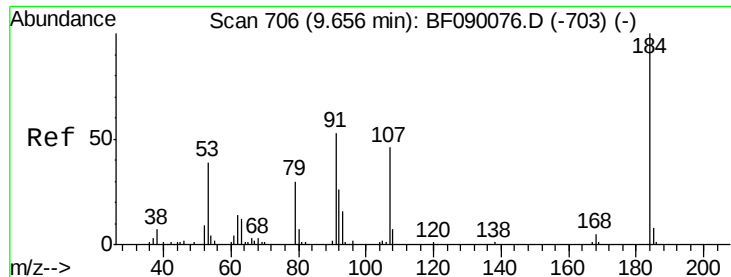
Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

92 115.0 90.7 136.1

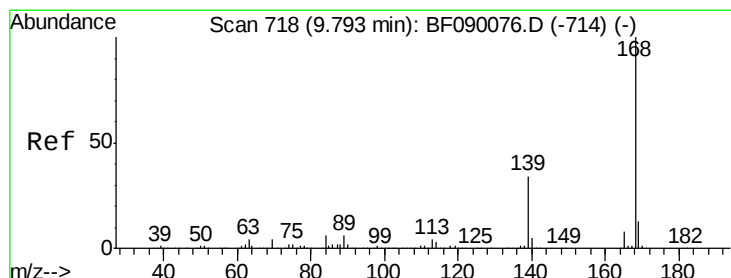
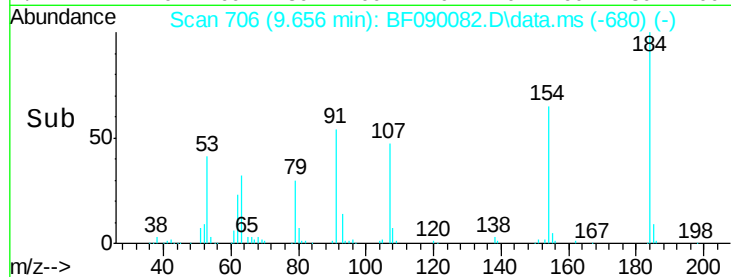
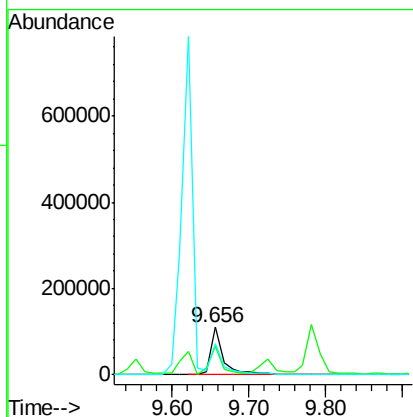
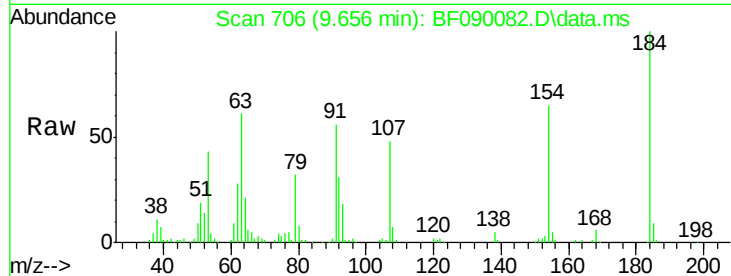




#53
 2,4-Dinitrophenol
 Concen: 40.80 ng
 RT: 9.656 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

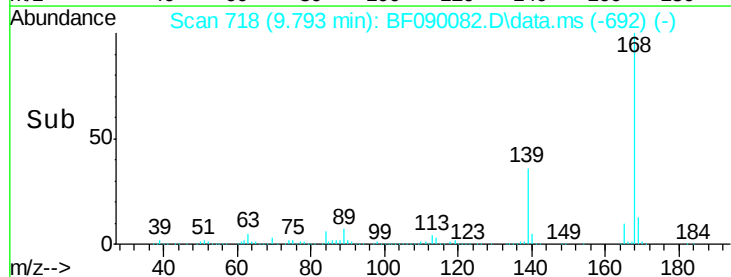
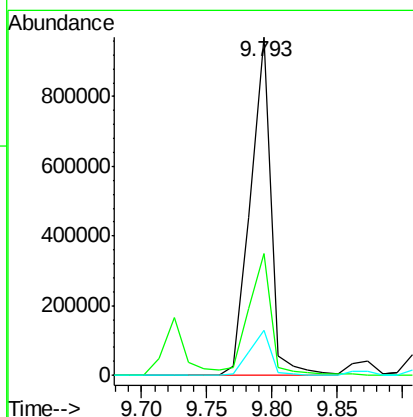
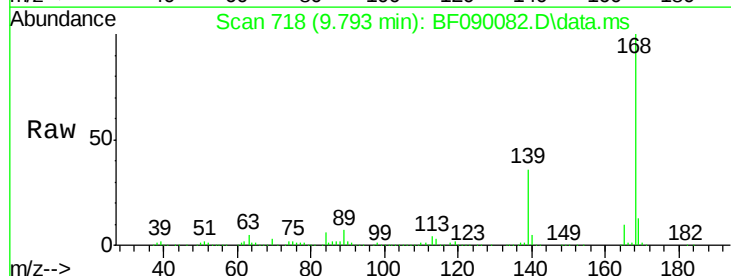
Instrument :
 BNA_F
 ClientSampleId :

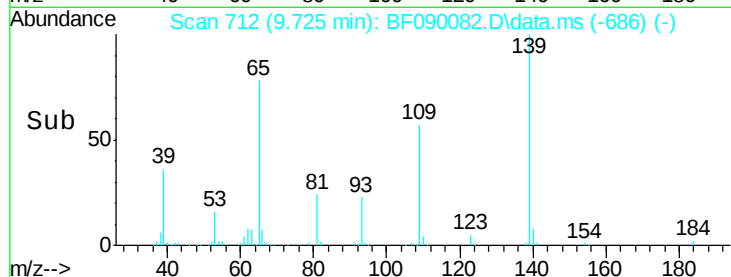
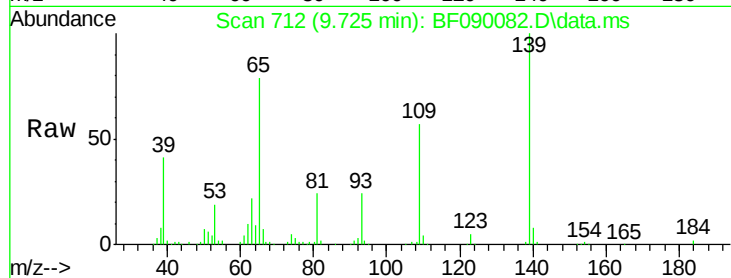
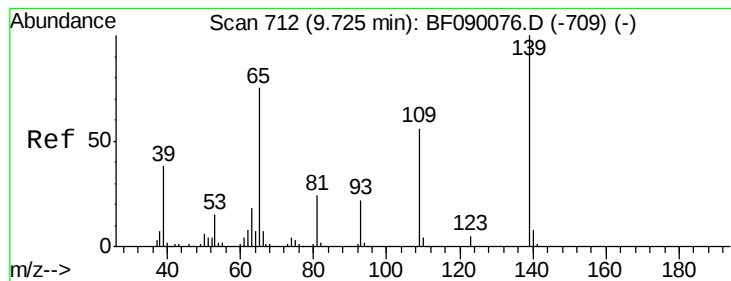
Tot Ion	Ratio	Lower	Upper
184	100		
63	60.7	44.6	67.0
154	65.1	49.7	74.5



#54
 Dibenzofuran
 Concen: 40.33 ng
 RT: 9.793 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.8	43.2
169	13.3	10.7	16.1





#55

4-Nitrophenol

Concen: 41.18 ng

RT: 9.725 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

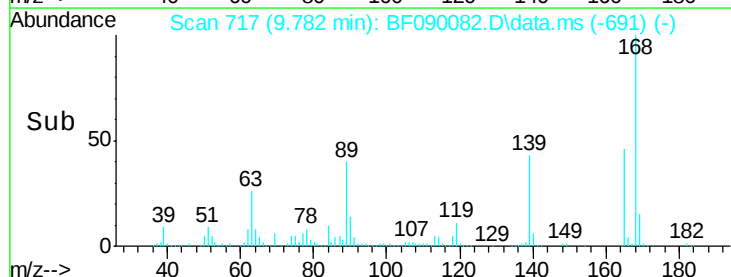
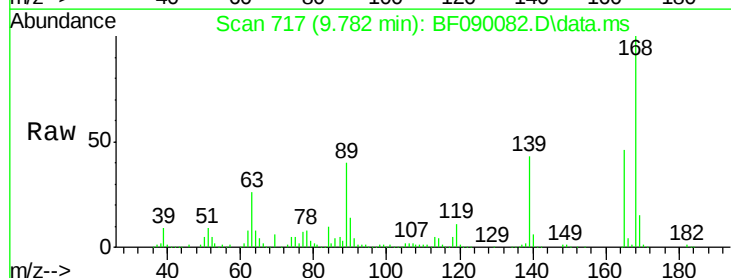
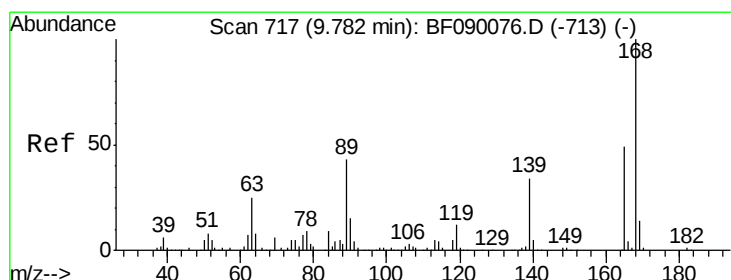
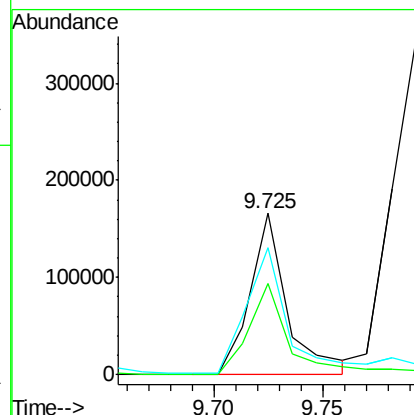
Tot Ion:139 Resp: 197283

Ion Ratio Lower Upper

139 100

109 56.8 35.6 75.6

65 79.2 55.5 95.5



#56

2,4-Dinitrotoluene

Concen: 35.86 ng

RT: 9.782 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion:165 Resp: 244622

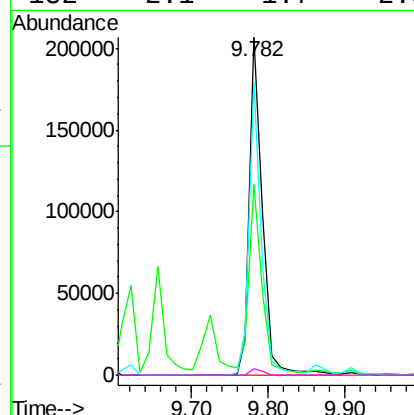
Ion Ratio Lower Upper

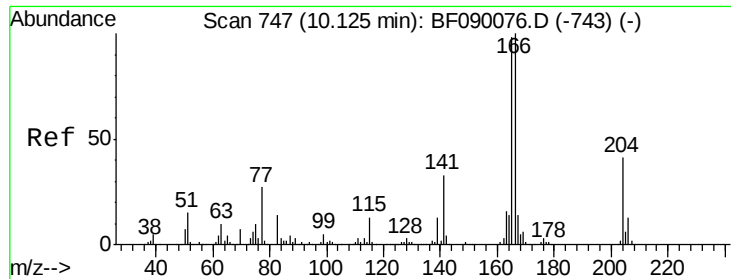
165 100

63 56.5 44.4 66.6

89 86.7 70.1 105.1

182 2.1 1.7 2.5

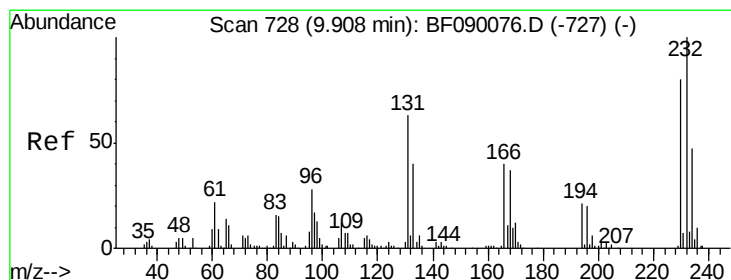
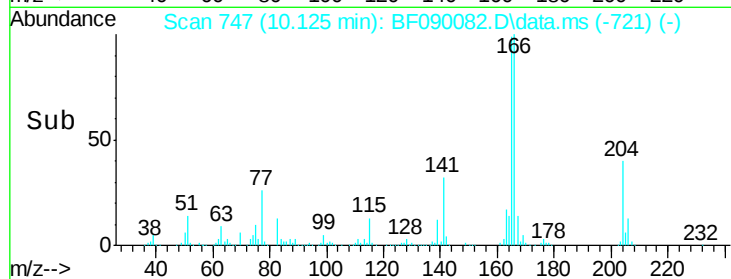
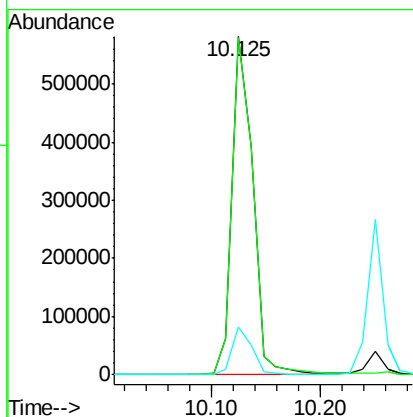
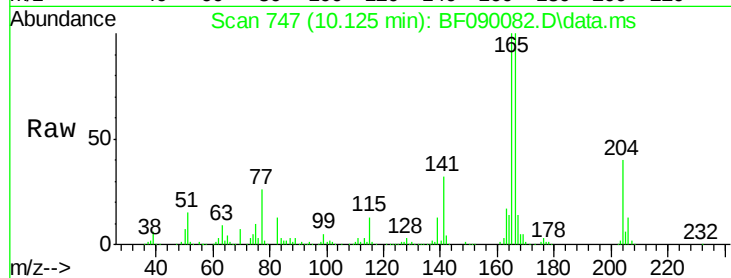




#57
 Fluorene
 Concen: 37.04 ng
 RT: 10.125 min Scan# 747
 Delta R.T. 0.001 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

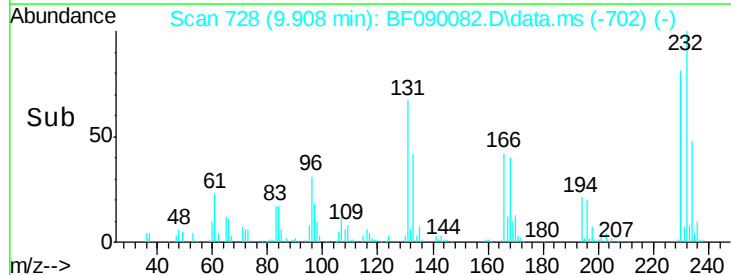
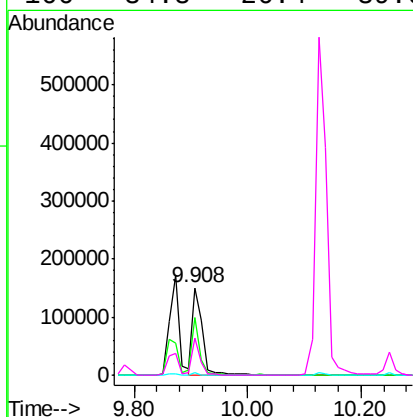
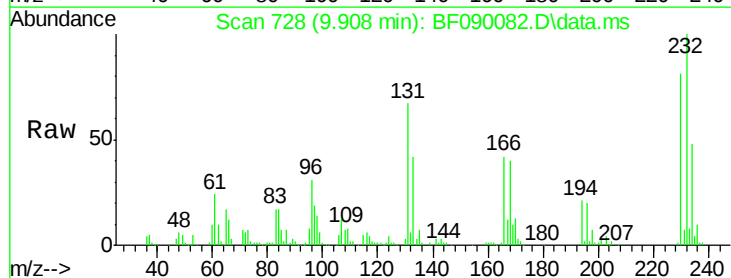
Instrument :
 BNA_F
 ClientSampleId :

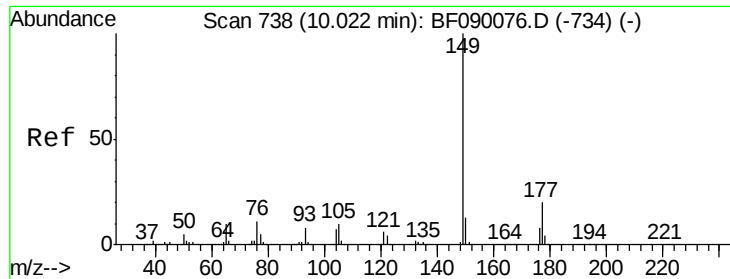
Tot Ion:166 Resp: 757046
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.5 117.7
 167 14.0 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.52 ng
 RT: 9.908 min Scan# 728
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion:232 Resp: 188258
 Ion Ratio Lower Upper
 232 100
 131 53.8 42.2 63.4
 130 2.3 1.9 2.9
 166 34.8 26.4 39.6

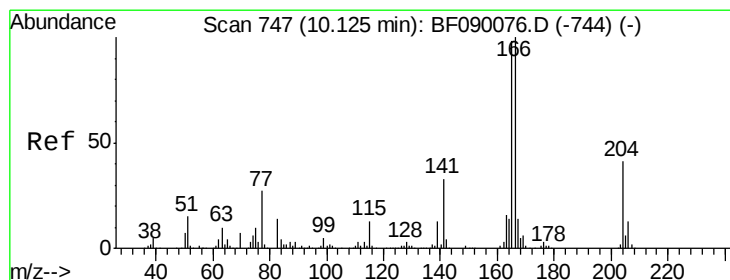
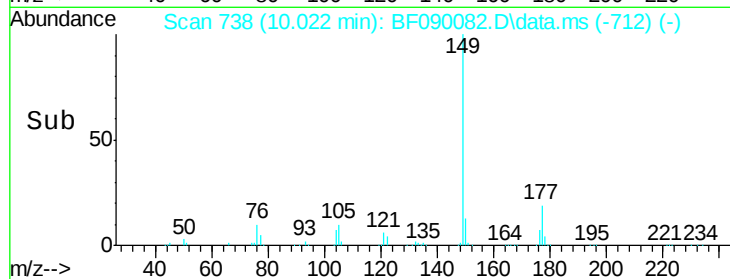
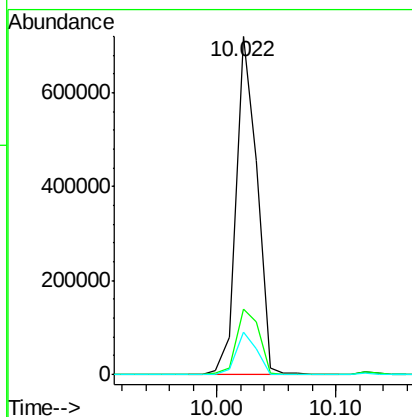
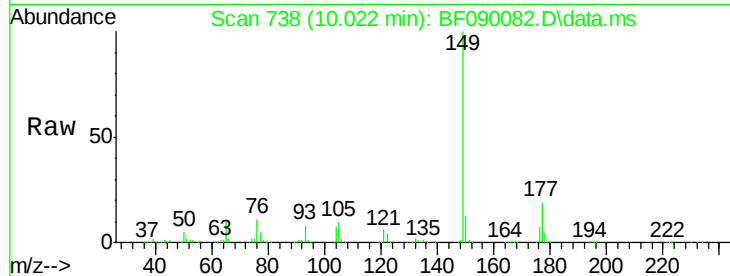




#59
Diethylphthalate
Concen: 36.39 ng
RT: 10.022 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

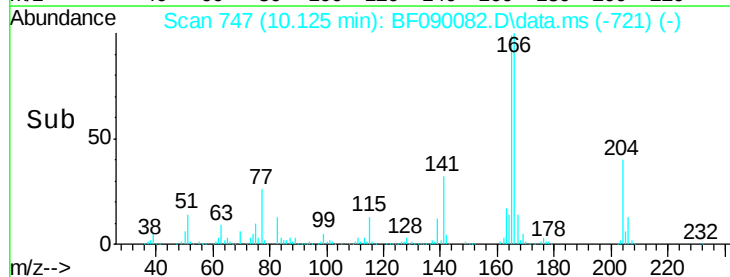
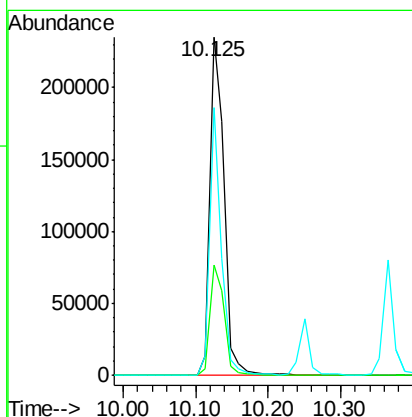
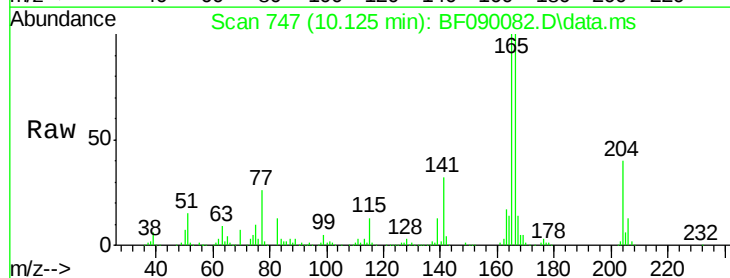
Instrument :
BNA_F
ClientSampleId :

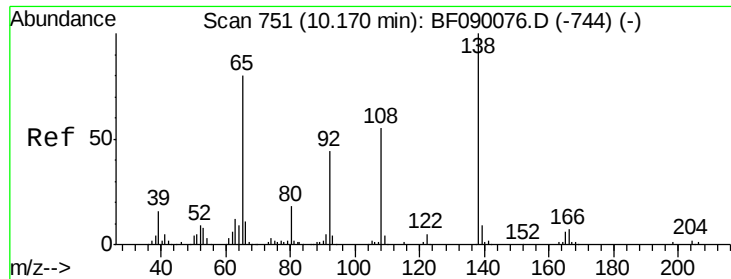
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.4	15.8	23.6
150	12.7	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 38.85 ng
RT: 10.125 min Scan# 747
Delta R.T. 0.001 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	79.3	64.4	96.6





#61

4-Nitroaniline

Concen: 40.81 ng

RT: 10.170 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

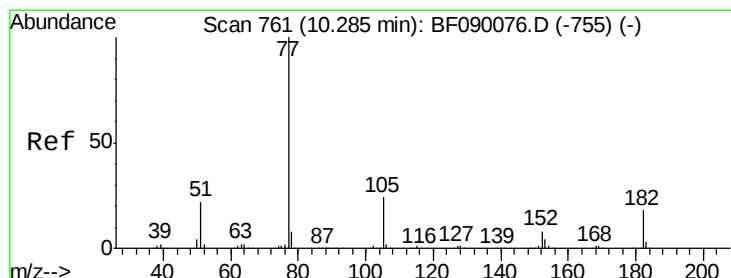
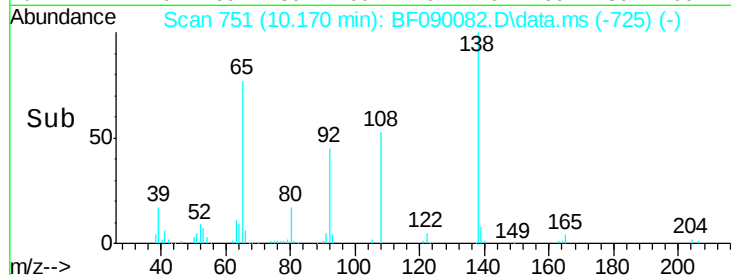
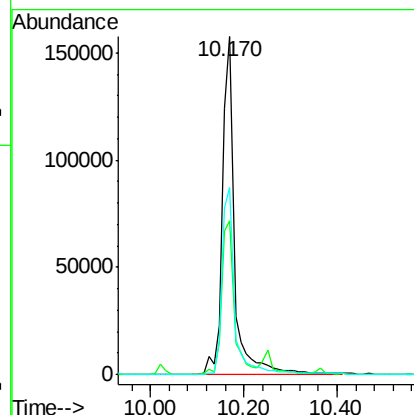
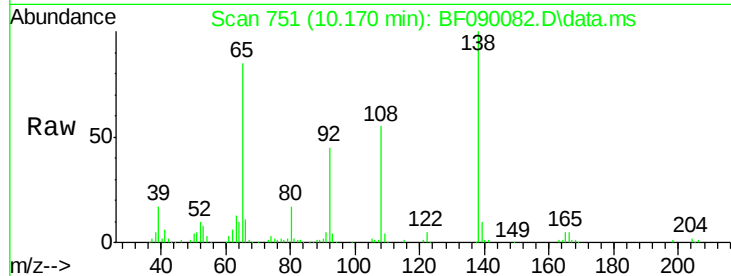
Tot Ion:138 Resp: 281241

Ion Ratio Lower Upper

138 100

92 45.4 23.8 63.8

108 55.4 35.0 75.0



#62

Azobenzene

Concen: 36.38 ng

RT: 10.285 min Scan# 761

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Tgt Ion: 77 Resp: 925443

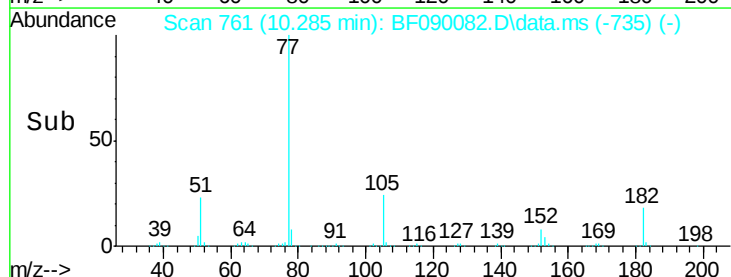
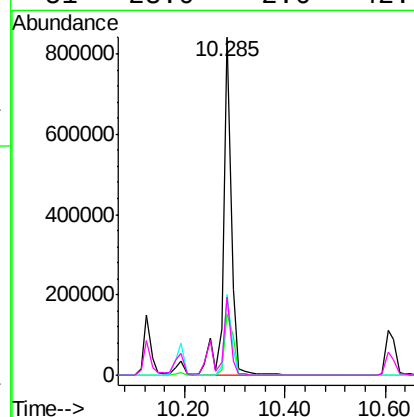
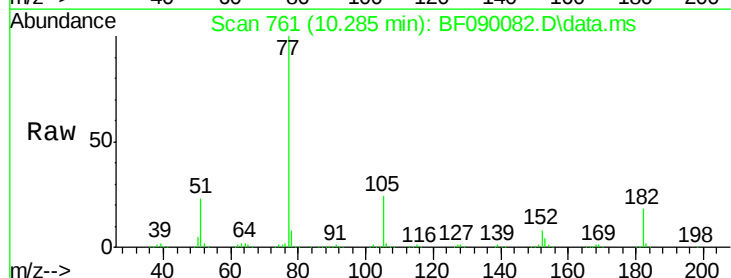
Ion Ratio Lower Upper

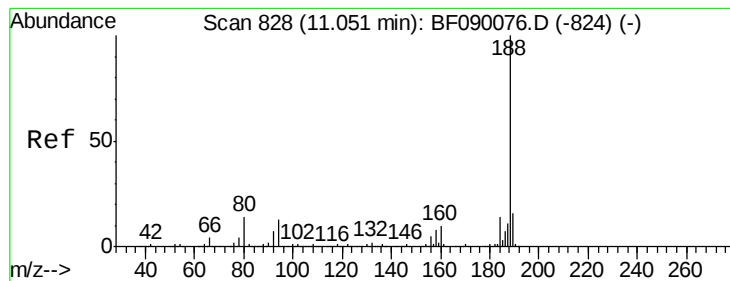
77 100

182 18.1 0.0 38.4

105 23.8 3.8 43.8

51 23.0 2.6 42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.051 min Scan# 82

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

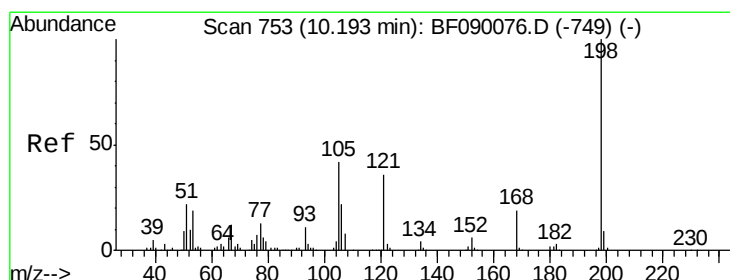
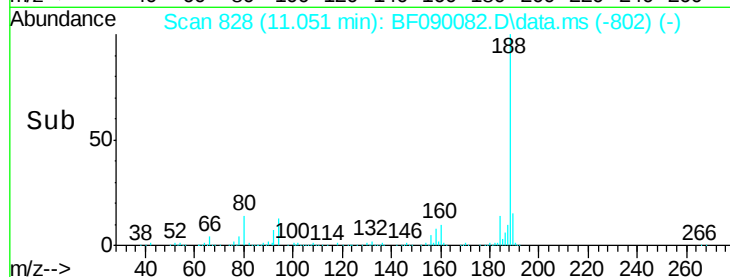
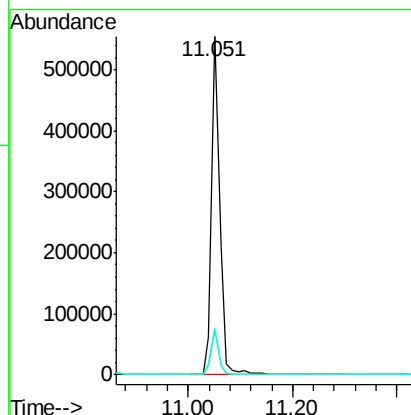
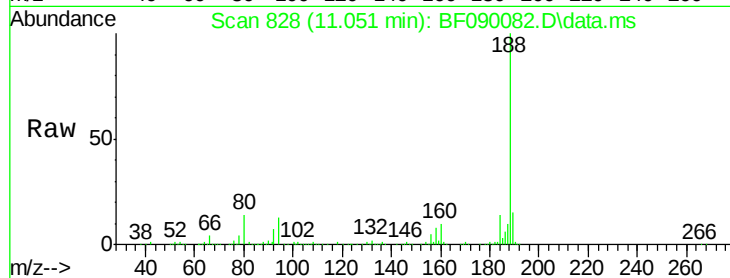
Tot Ion:188 Resp: 599266

Ion Ratio Lower Upper

188 100

94 13.3 10.5 15.7

80 13.8 11.2 16.8



#64

4,6-Dinitro-2-methylphenol

Concen: 41.98 ng

RT: 10.193 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

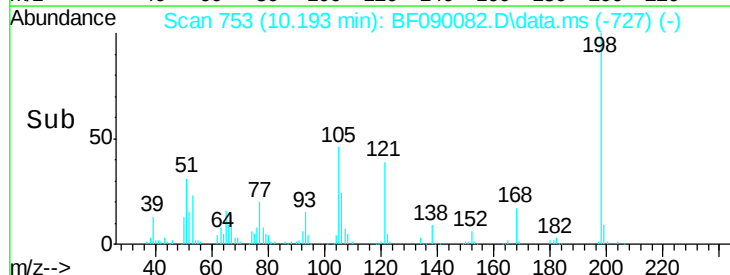
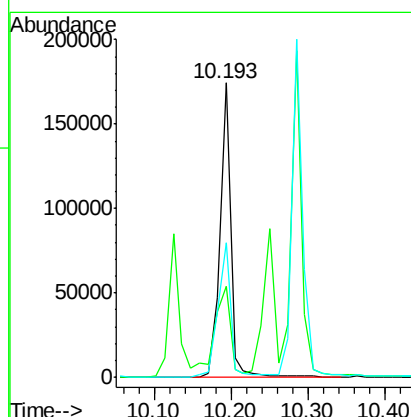
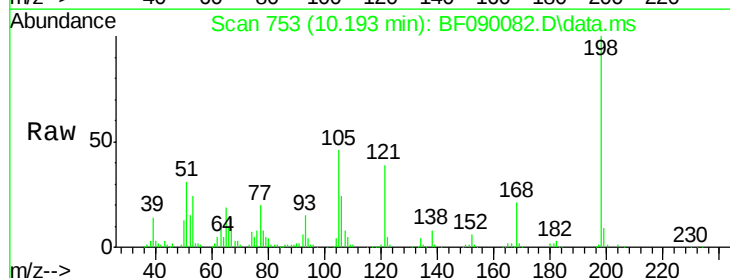
Tgt Ion:198 Resp: 170109

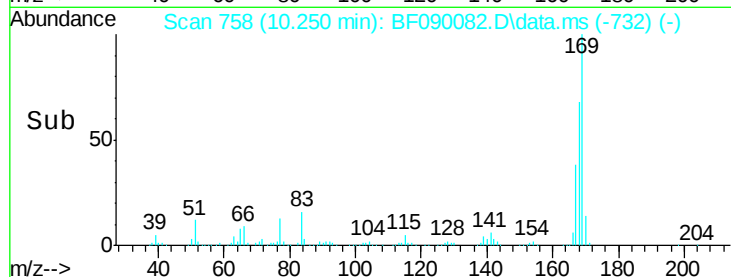
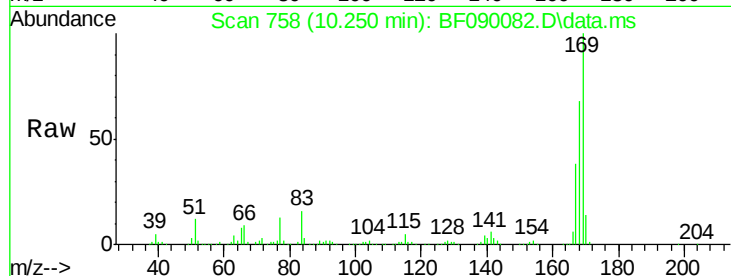
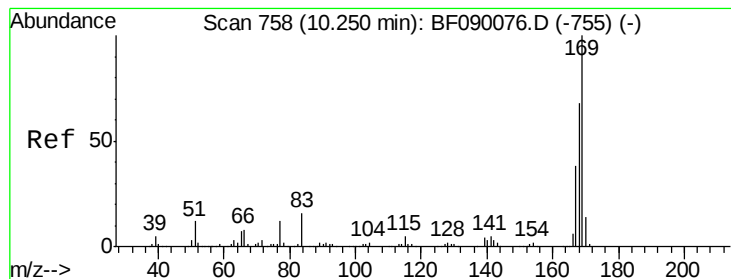
Ion Ratio Lower Upper

198 100

51 30.9 5.5 45.5

105 46.0 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 37.41 ng

RT: 10.250 min Scan# 75

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

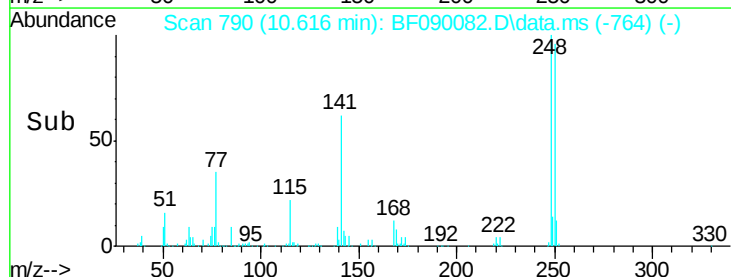
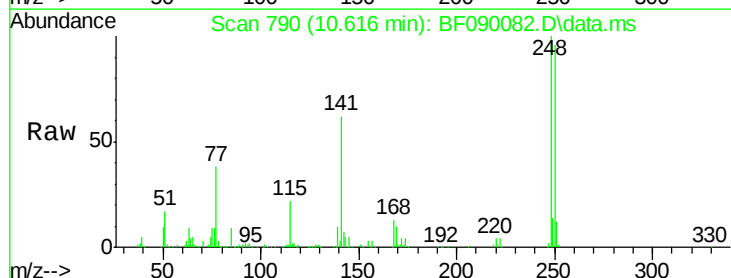
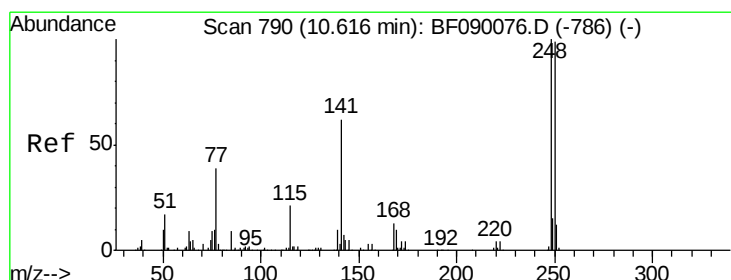
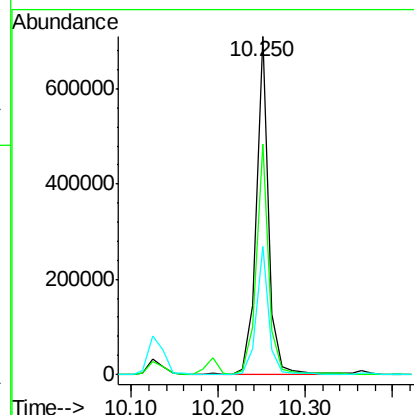
Tot Ion:169 Resp: 710346

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.4

167 37.7 30.3 45.5



#66

4-Bromophenyl-phenylether

Concen: 42.34 ng

RT: 10.616 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

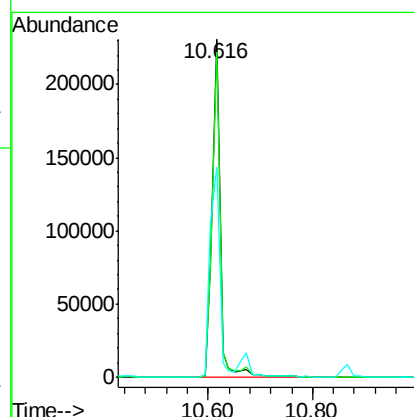
Tgt Ion:248 Resp: 244579

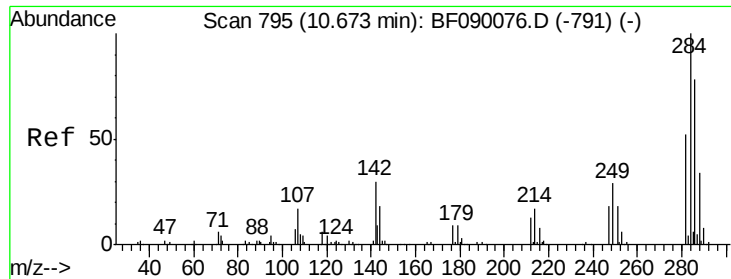
Ion Ratio Lower Upper

248 100

250 96.4 79.4 119.2

141 62.1 49.3 73.9

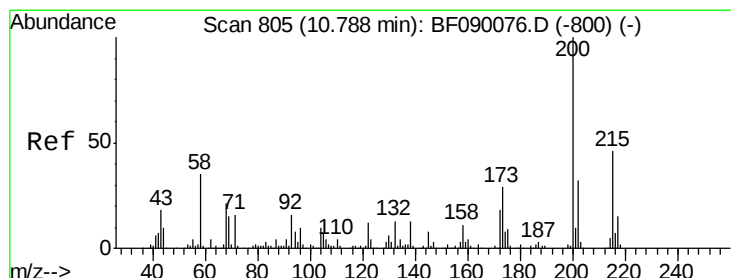
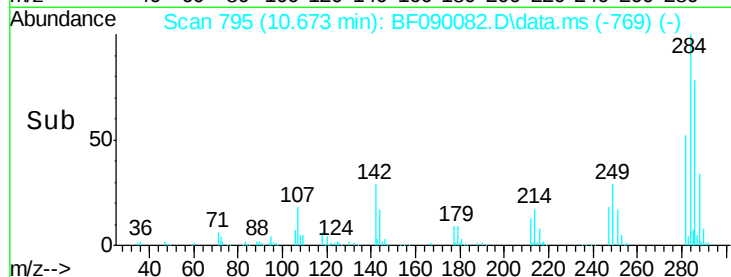
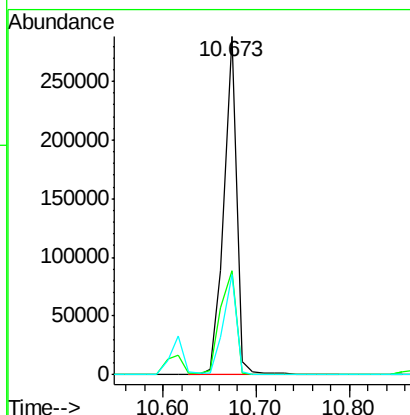
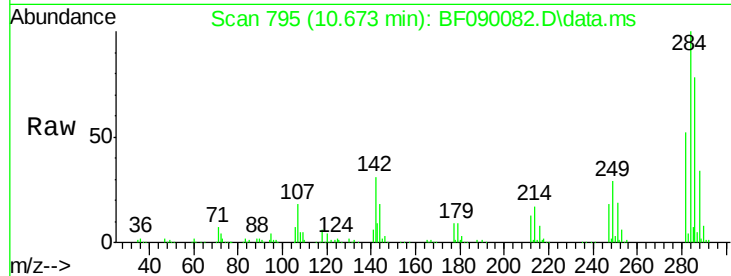




#67
Hexachlorobenzene
Concen: 40.05 ng
RT: 10.673 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

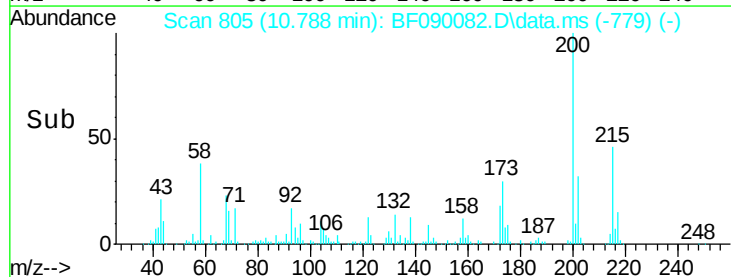
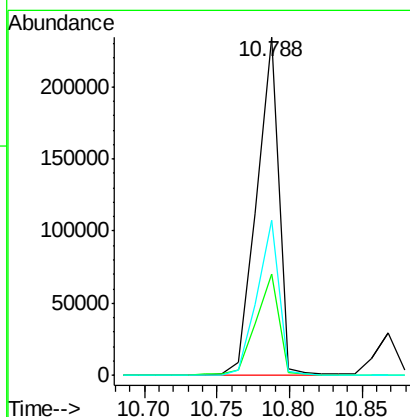
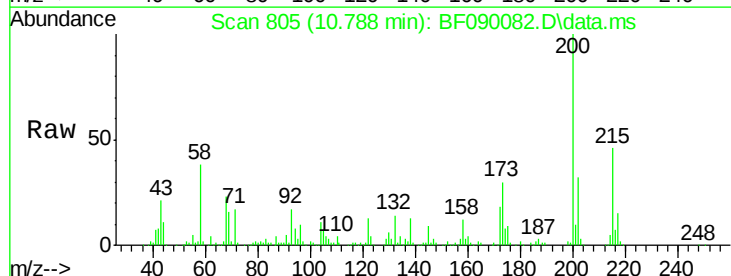
Instrument :
BNA_F
ClientSampleId :

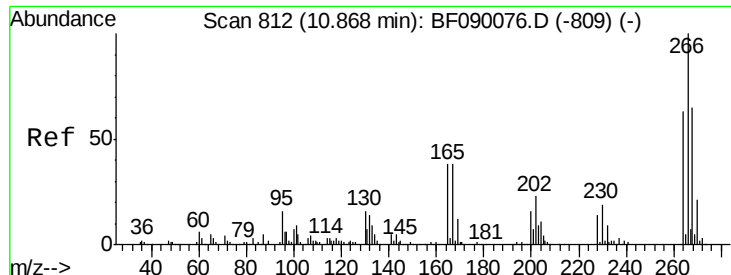
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.0	36.0
249	29.4	23.8	35.6



#68
Atrazine
Concen: 44.45 ng
RT: 10.788 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.1	9.3	49.3
215	45.9	26.1	66.1

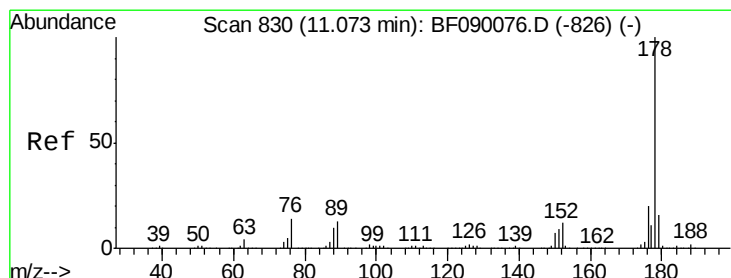
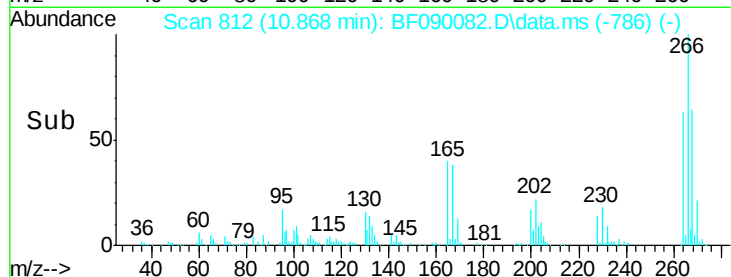
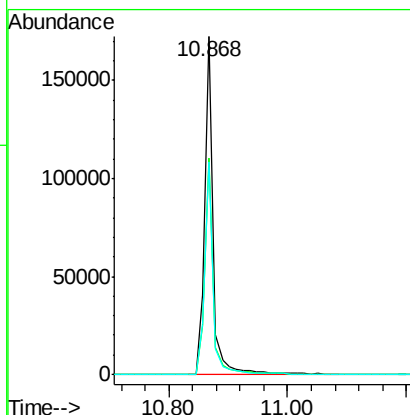
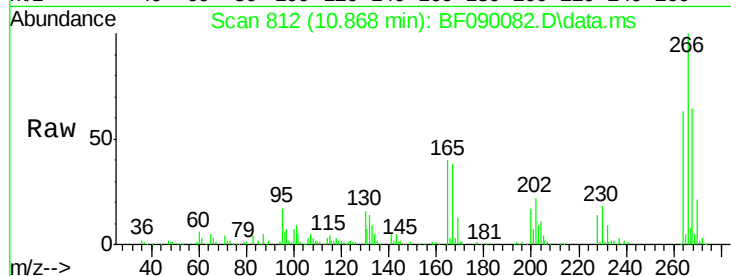




#69
 Pentachlorophenol
 Concen: 44.46 ng
 RT: 10.868 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

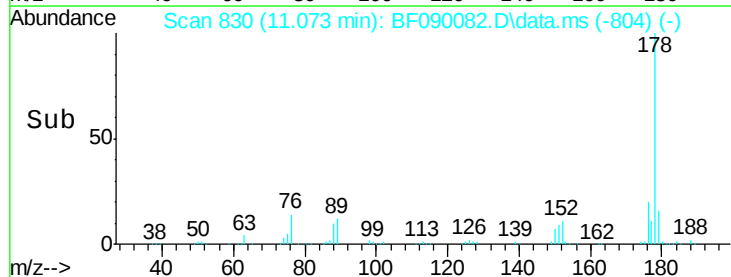
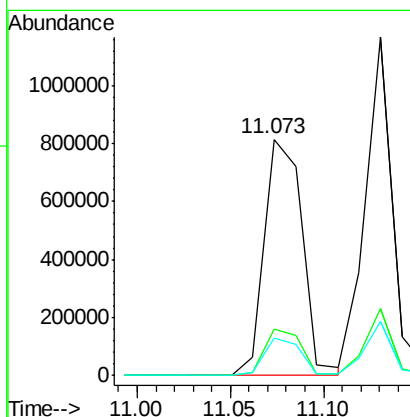
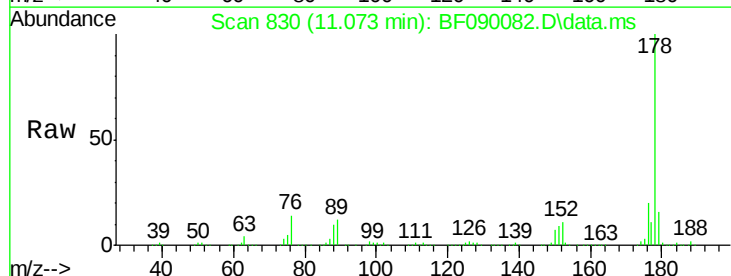
Instrument :
 BNA_F
 ClientSampleId :

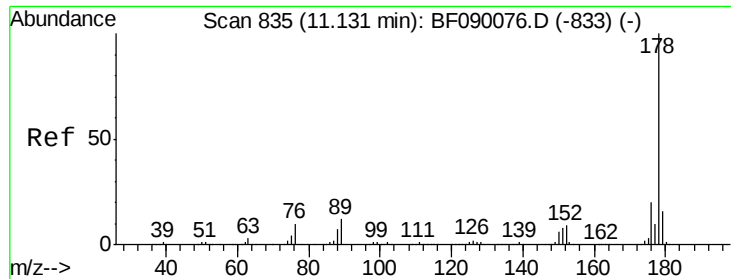
Tot Ion:266 Resp: 177311
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.1 78.1
 264 62.7 50.3 75.5



#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 11.073 min Scan# 830
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion:178 Resp: 1138417
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.9 12.9 19.3

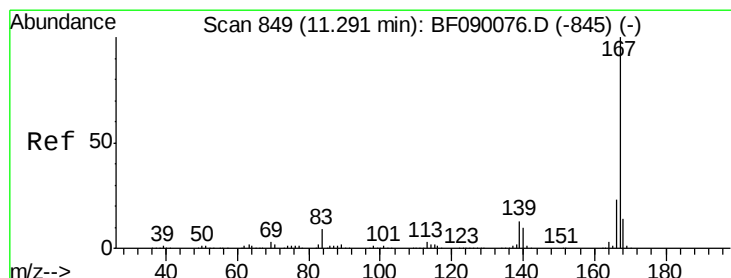
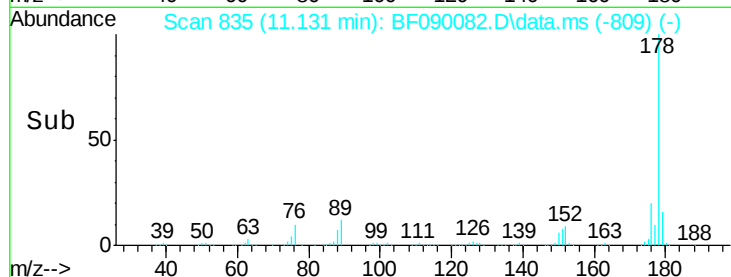
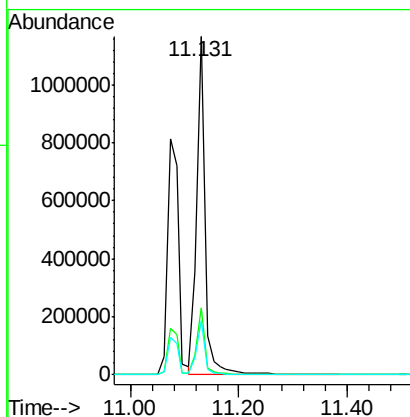
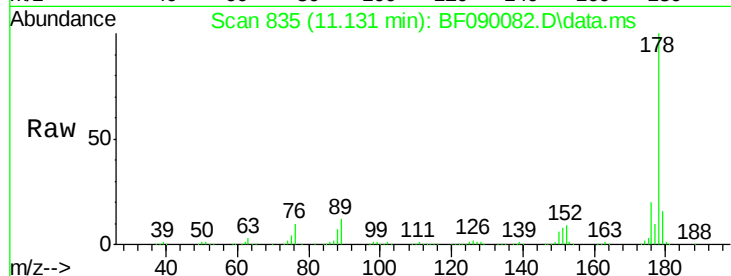




#71
 Anthracene
 Concen: 38.71 ng
 RT: 11.131 min Scan# 83
 Delta R.T. 0.001 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

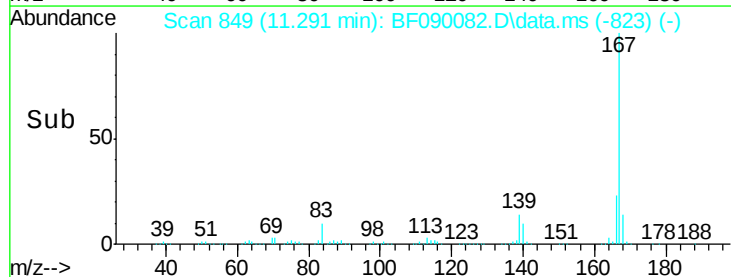
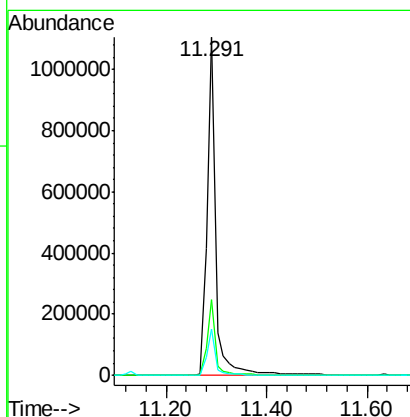
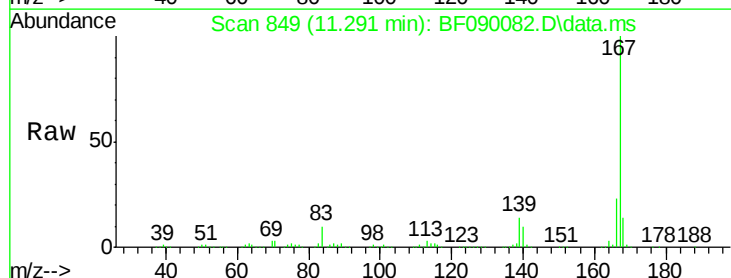
Instrument :
 BNA_F
 ClientSampleId :

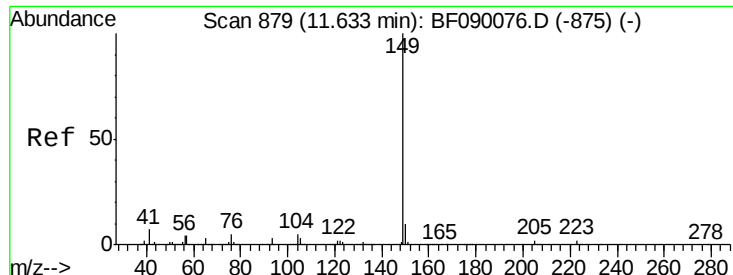
Tot Ion:178 Resp: 1223850
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 40.54 ng
 RT: 11.291 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion:167 Resp: 1314860
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 13.5 10.4 15.6

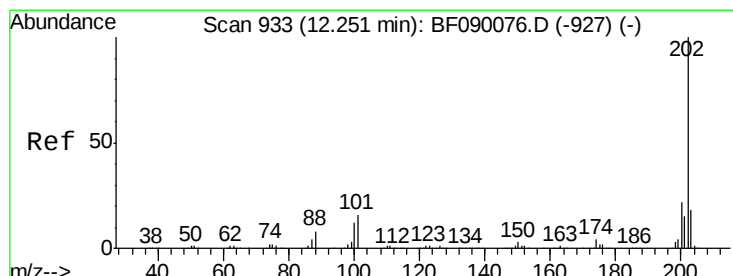
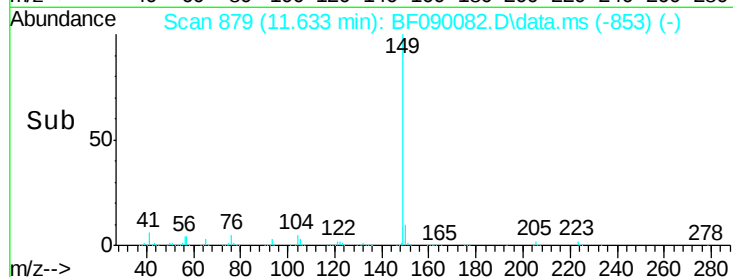
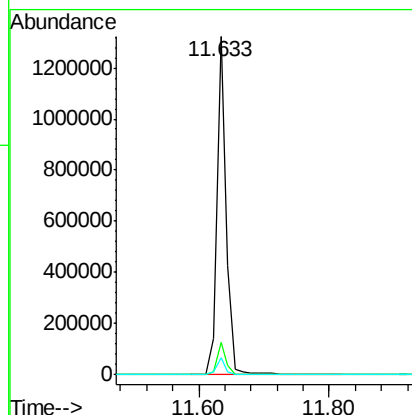
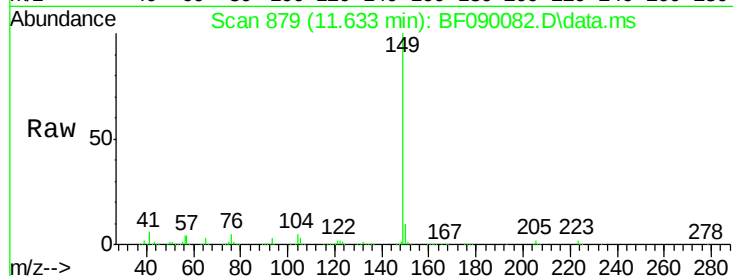




#73
Di-n-butylphthalate
Concen: 36.91 ng
RT: 11.633 min Scan# 87
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

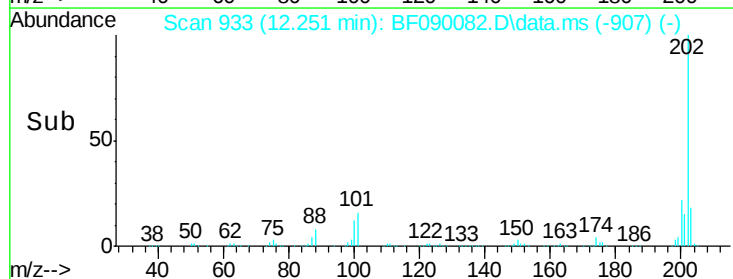
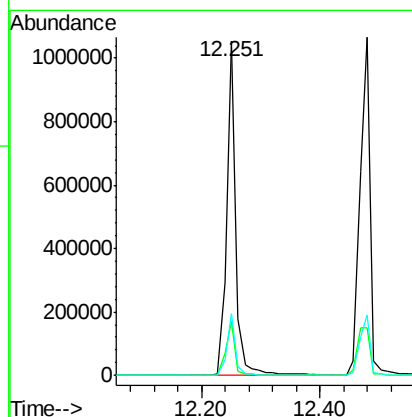
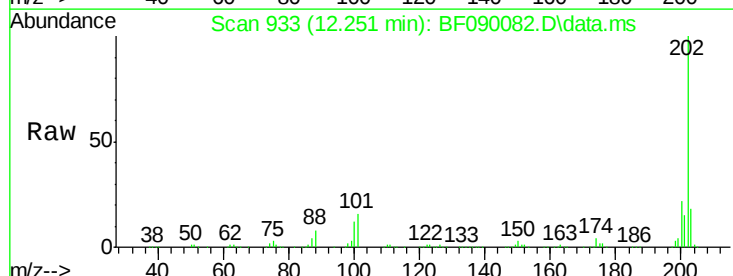
Instrument :
BNA_F
ClientSampleId :

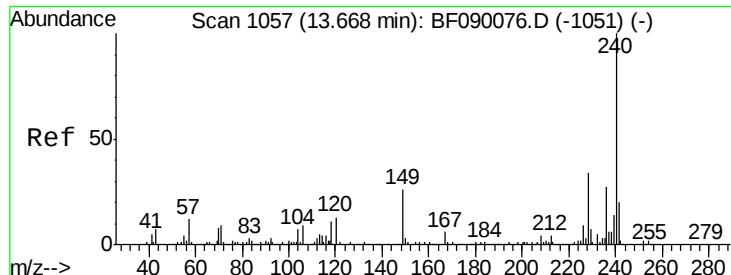
Tot Ion:149 Resp: 1342555
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.8
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 37.19 ng
RT: 12.251 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion:202 Resp: 1128488
Ion Ratio Lower Upper
202 100
101 16.3 0.0 36.1
203 18.3 0.0 38.2

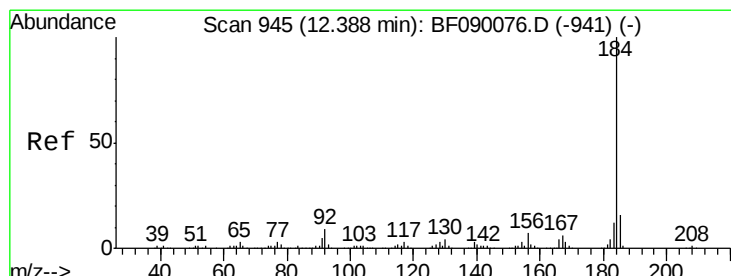
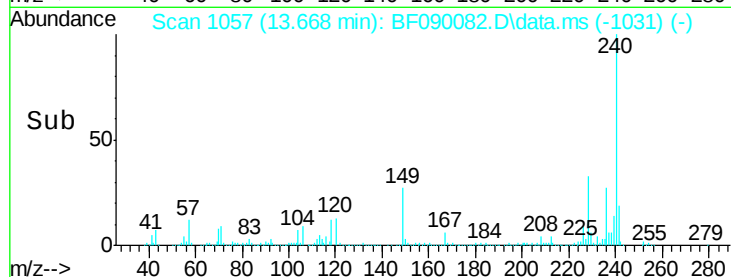
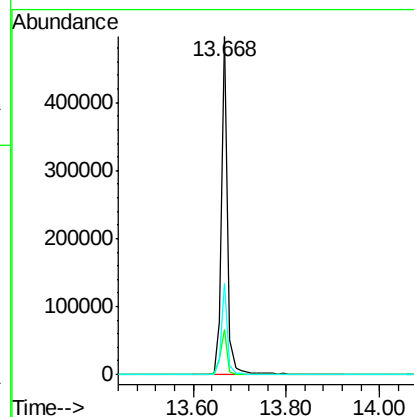
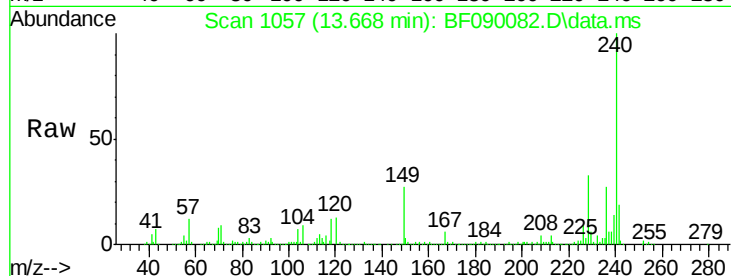




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.668 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

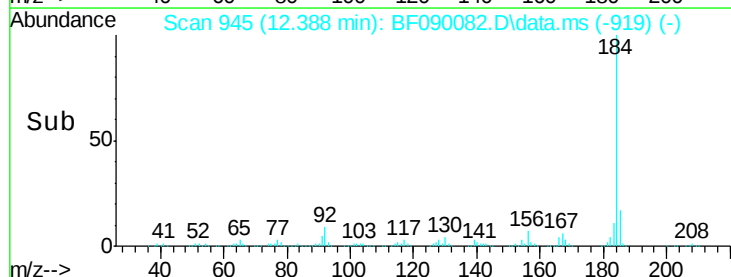
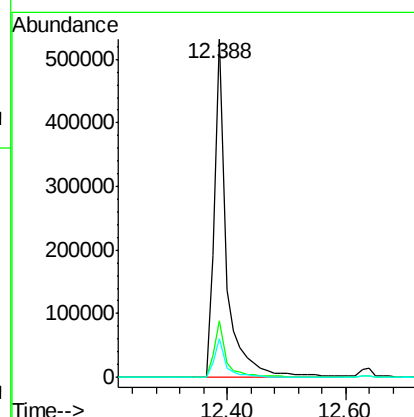
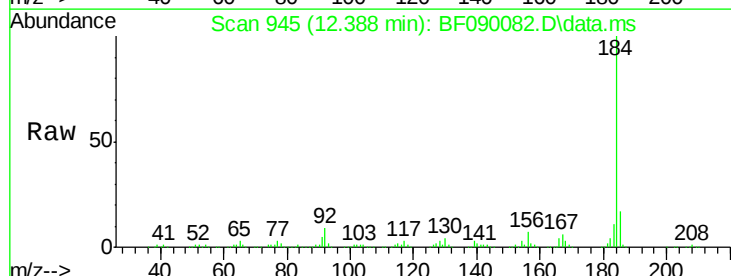
Instrument :
BNA_F
ClientSampleId :

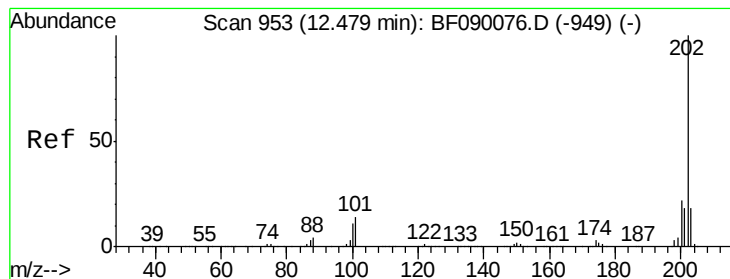
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.6	16.0
236	27.1	21.6	32.4



#76
Benzidine
Concen: 40.68 ng
RT: 12.388 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.2	19.8
183	11.4	9.2	13.8





#77

Pvrene

Concen: 38.05 ng

RT: 12.479 min Scan# 95

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

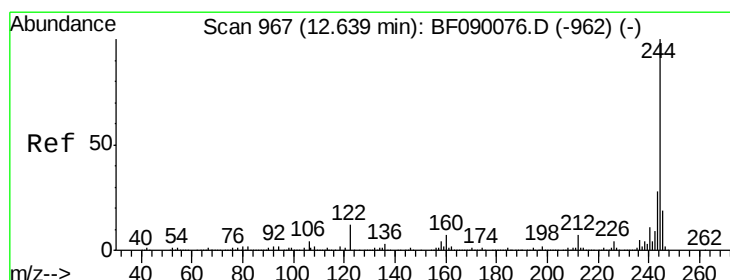
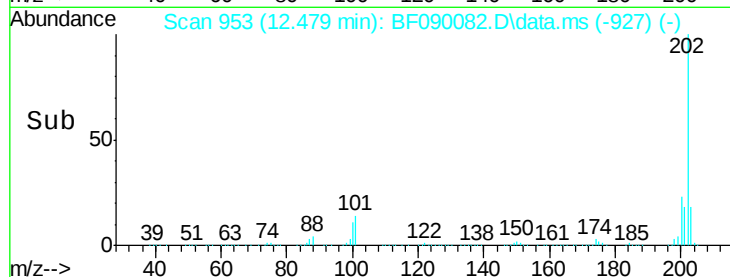
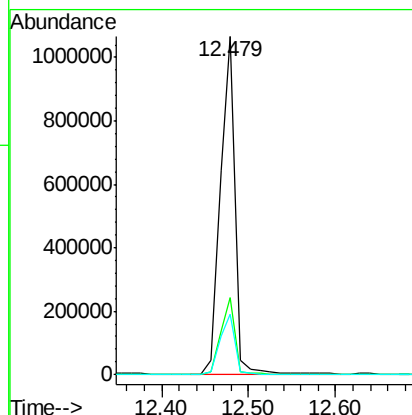
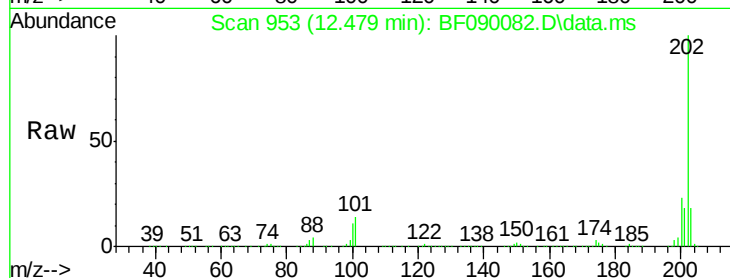
Tot Ion:202 Resp: 1266982

Ion Ratio Lower Upper

202 100

200 22.7 17.9 26.9

203 17.9 14.2 21.4



#78

Terphenyl-d14

Concen: 73.24 ng

RT: 12.639 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

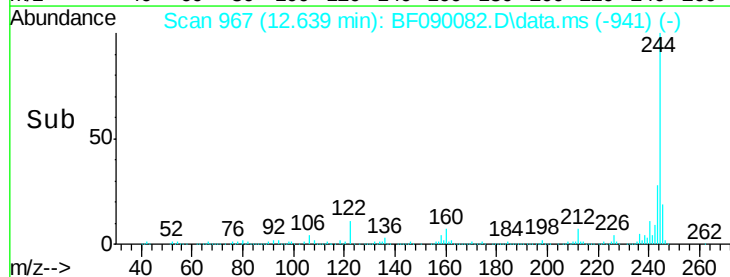
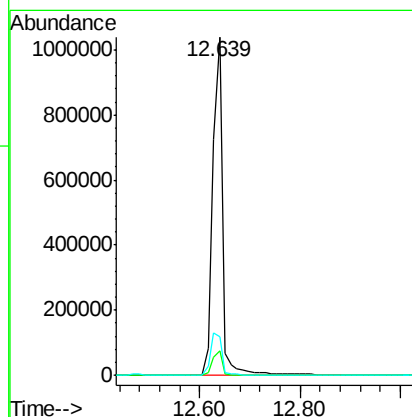
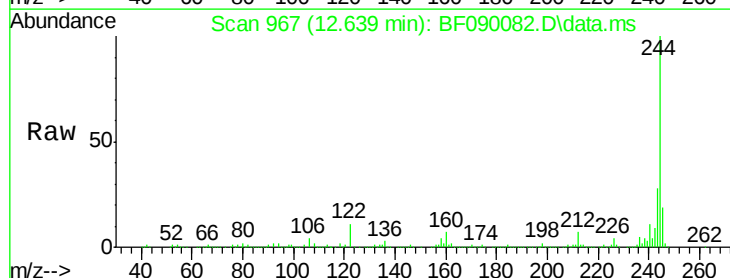
Tgt Ion:244 Resp: 1407241

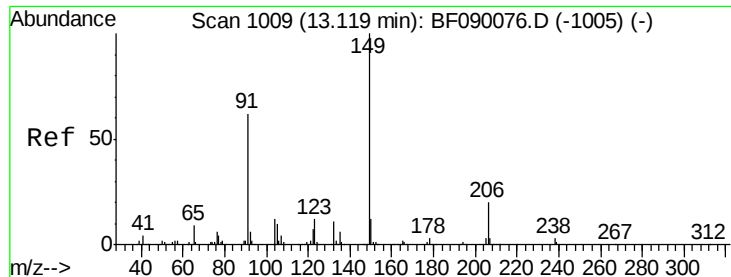
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.4 9.4 14.0

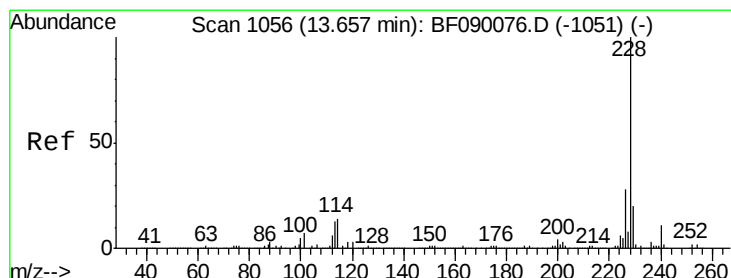
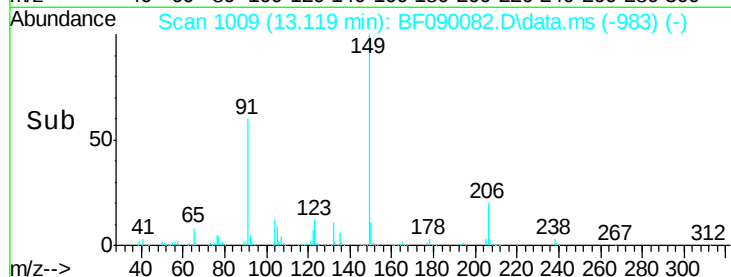
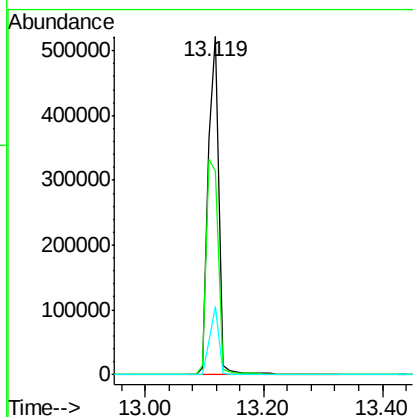
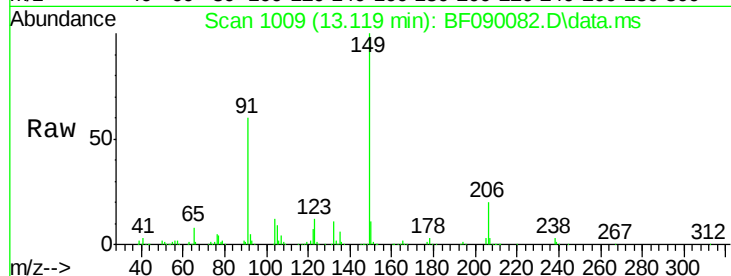




#79
Butylbenzylphthalate
Concen: 38.77 ng
RT: 13.119 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

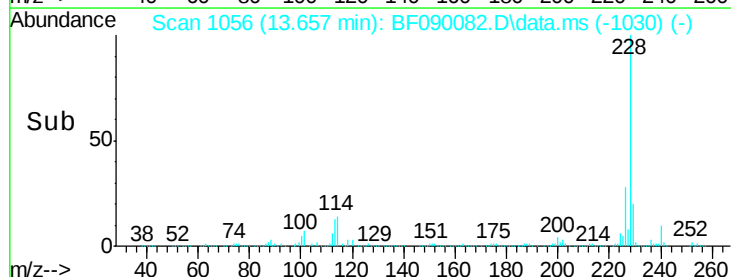
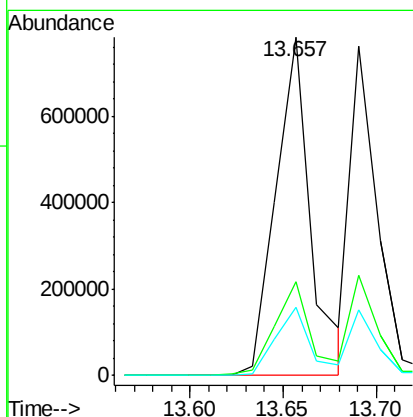
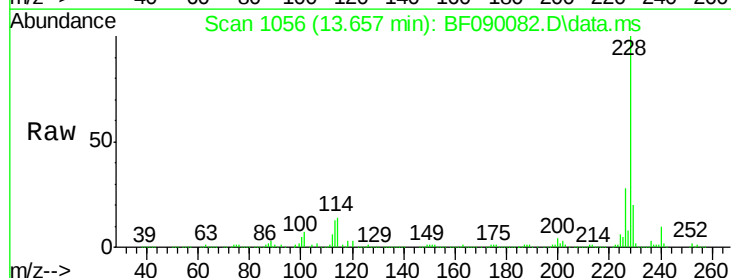
Instrument :
BNA_F
ClientSampleId :

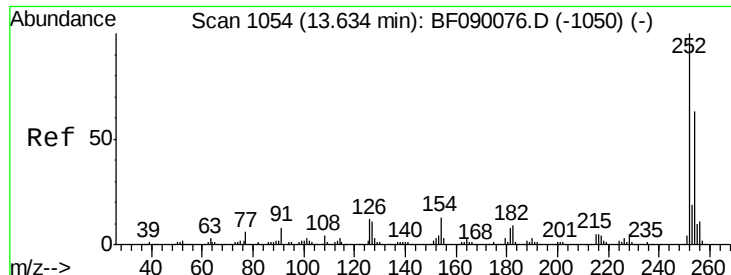
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.2	49.8	74.6
206	20.0	16.3	24.5



#80
Benzo(a)anthracene
Concen: 38.14 ng
RT: 13.657 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF090082.D
Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.3	16.2	24.2

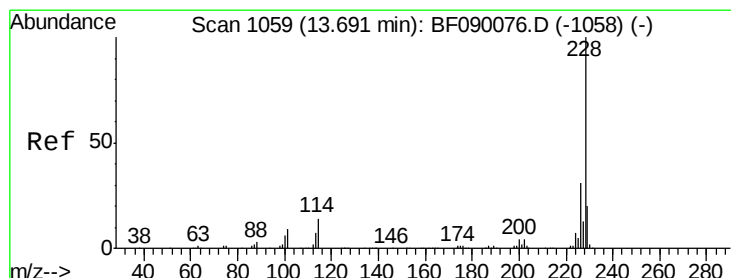
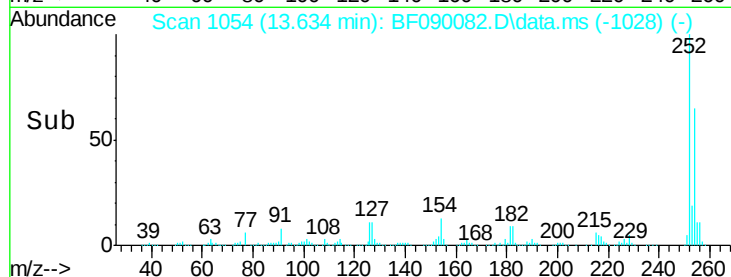
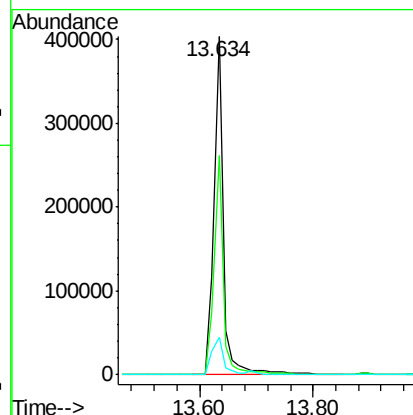
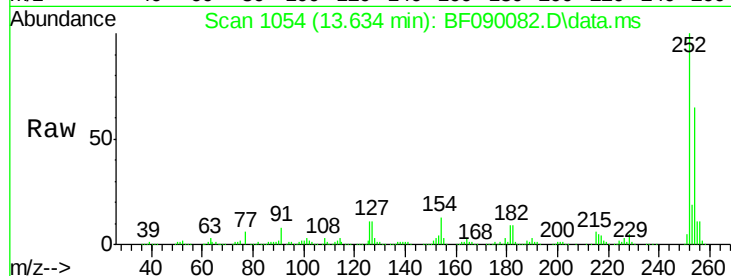




#81
 3,3'-Dichlorobenzidine
 Concen: 39.45 ng
 RT: 13.634 min Scan# 1054
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

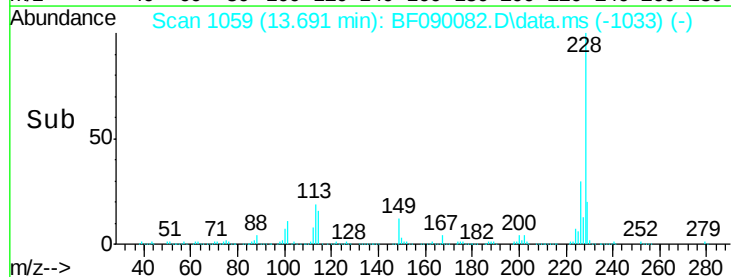
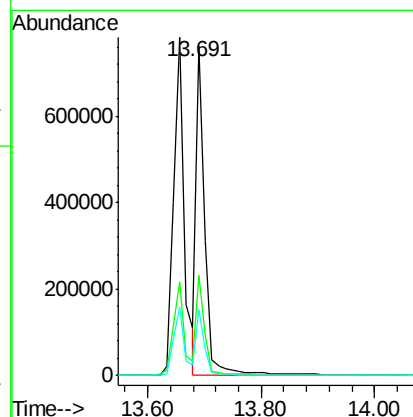
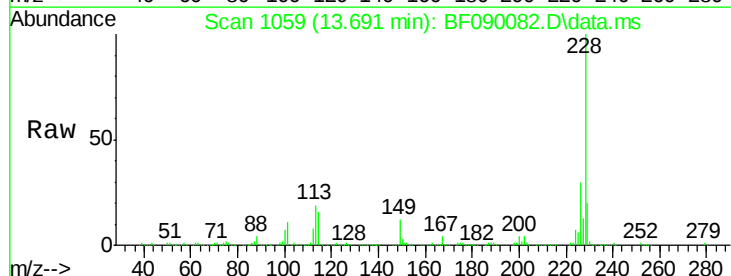
Instrument :
 BNA_F
 ClientSampleId :

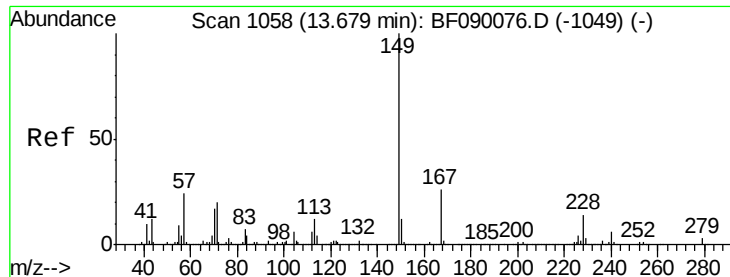
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.7	76.1
126	11.1	9.2	13.8



#82
 Chrysene
 Concen: 31.73 ng
 RT: 13.691 min Scan# 1059
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.02 ng

RT: 13.679 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

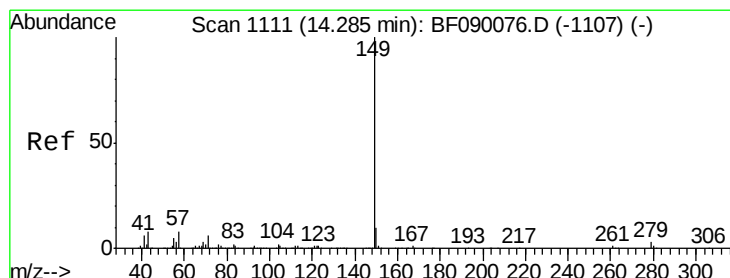
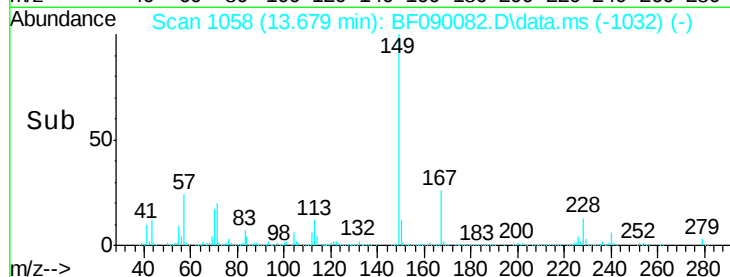
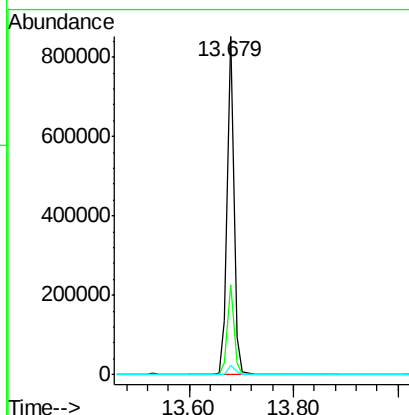
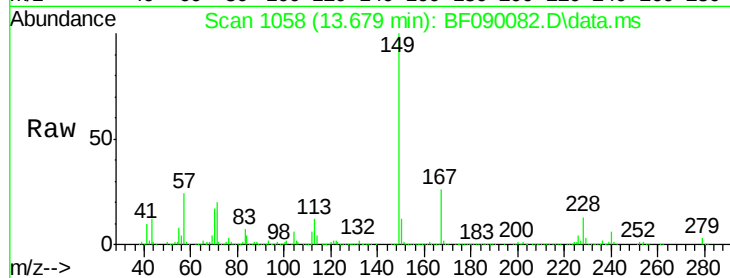
Tot Ion:149 Resp: 759214

Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

279 2.7 2.2 3.2



#84

Di-n-octyl phthalate

Concen: 36.57 ng

RT: 14.285 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

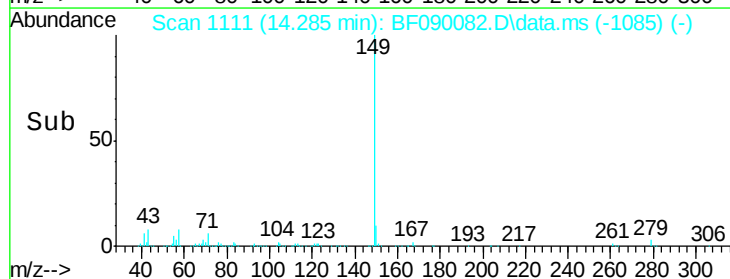
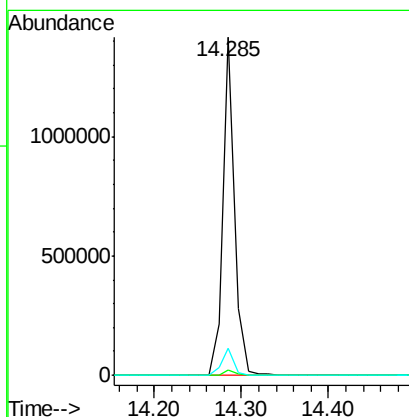
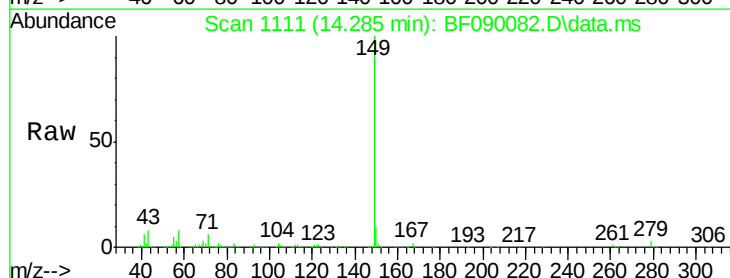
Tgt Ion:149 Resp: 1340852

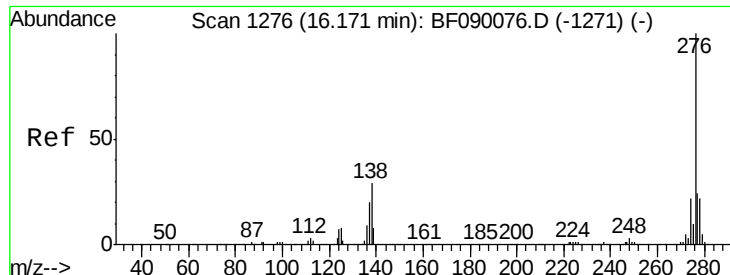
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.3 6.8 10.2

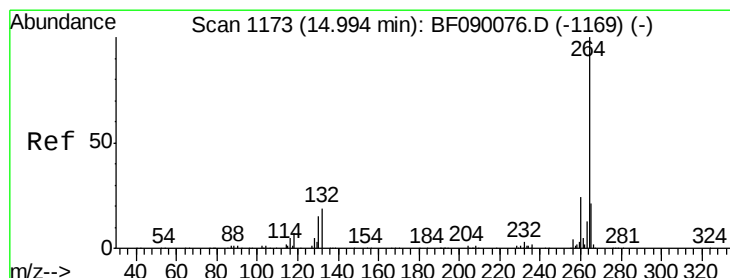
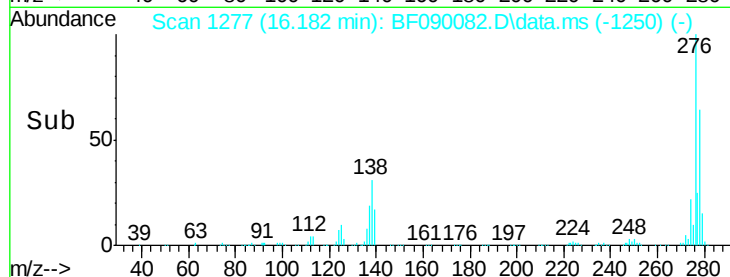
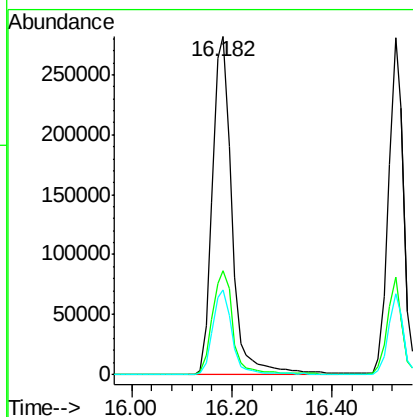
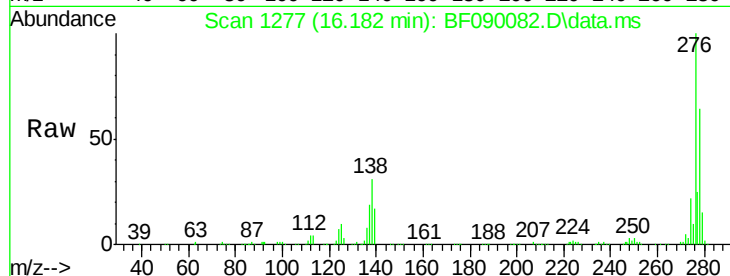




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.17 ng
 RT: 16.182 min Scan# 1276
 Delta R.T. 0.011 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

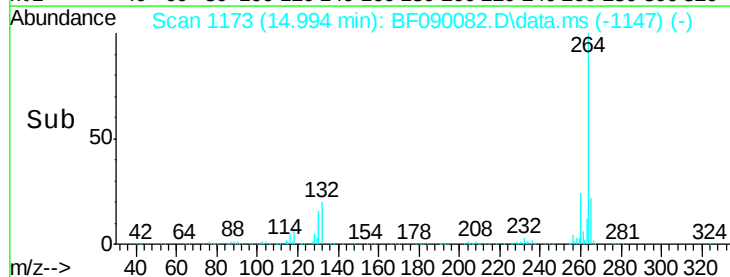
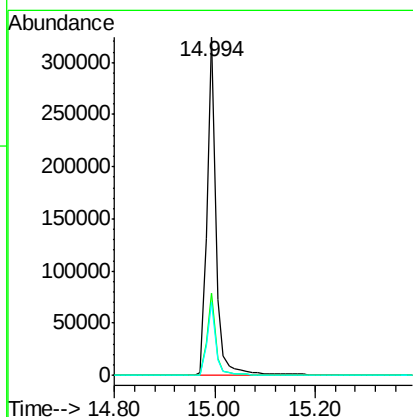
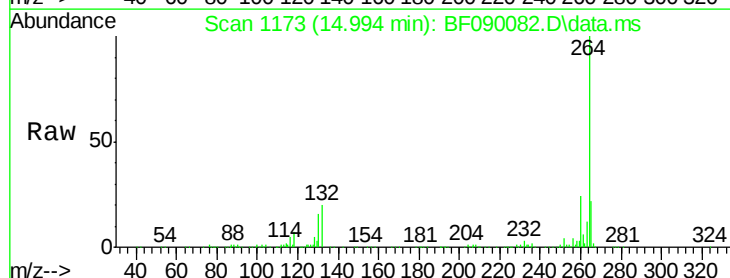
Instrument :
 BNA_F
 ClientSampled :

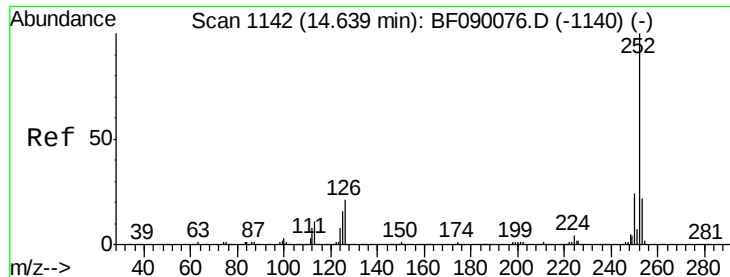
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.9	38.9
277	25.1	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.994 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 78.00 ng

RT: 14.674 min Scan# 1142

Delta R.T. 0.034 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

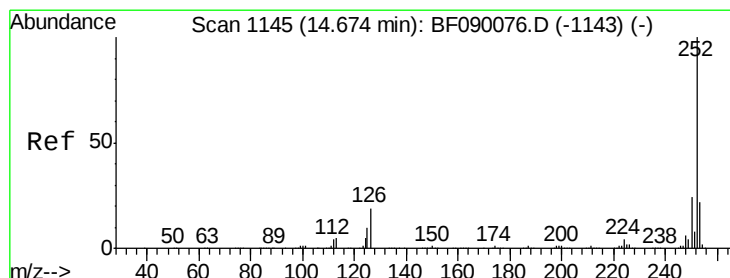
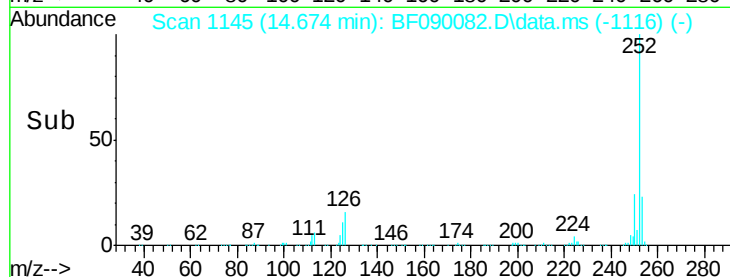
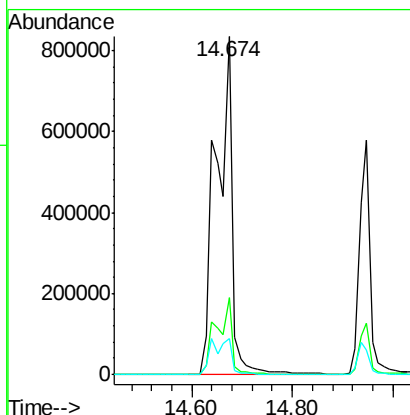
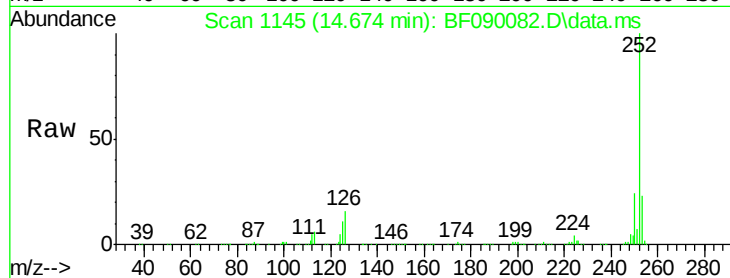
Tot Ion:252 Resp: 1855574

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 10.6 12.7 19.1#



#88

Benzo(k)fluoranthene

Concen: 86.69 ng

RT: 14.674 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

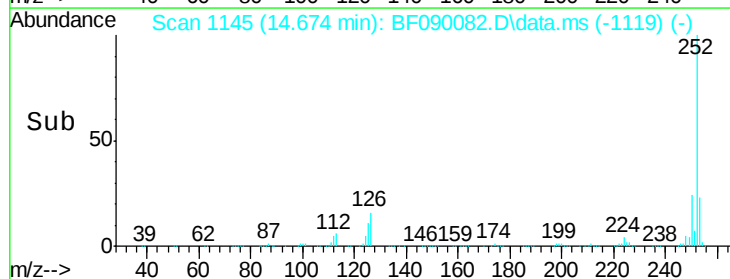
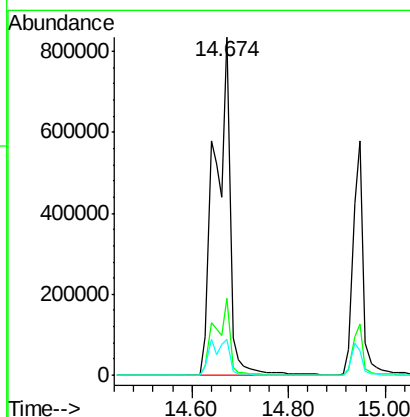
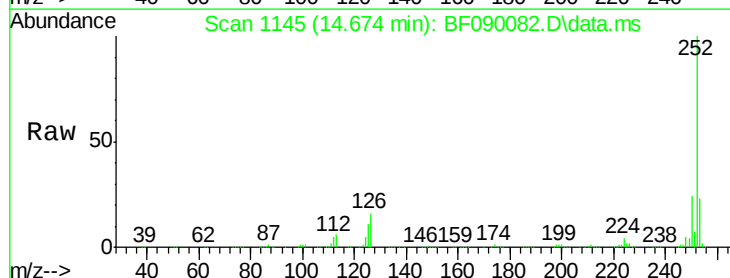
Tgt Ion:252 Resp: 1856578

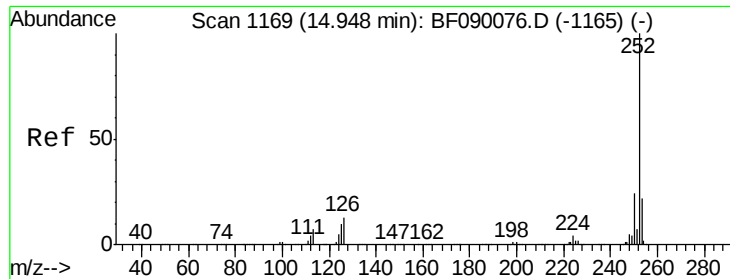
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 10.6 7.8 11.6





#89

Benzo(a)pyrene

Concen: 39.89 ng

RT: 14.948 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

Instrument :

BNA_F

ClientSampleId :

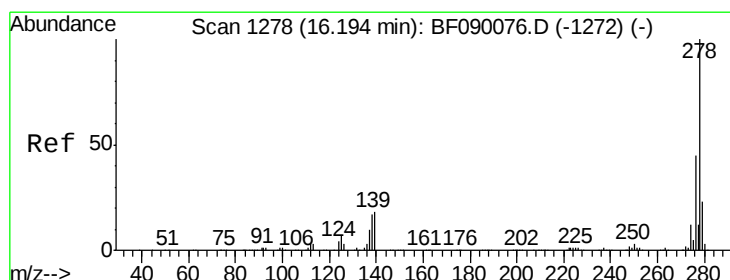
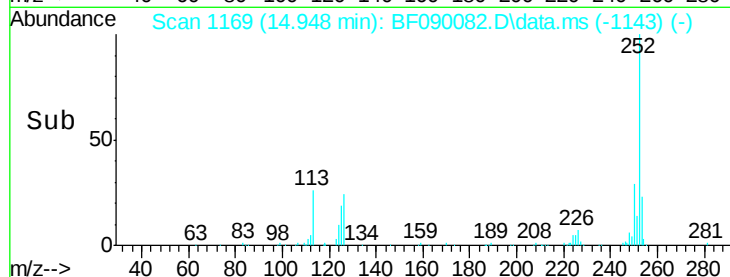
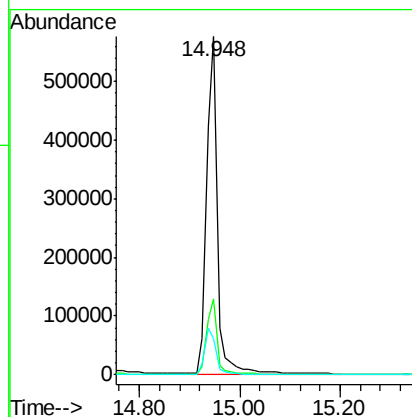
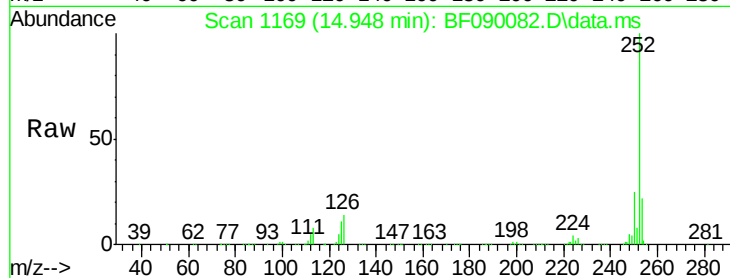
Tot Ion:252 Resp: 850991

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.6 7.7 11.5



#90

Dibenzo(a,h)anthracene

Concen: 38.01 ng

RT: 16.194 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BF090082.D

Acq: 15 Sep 2016 9:16

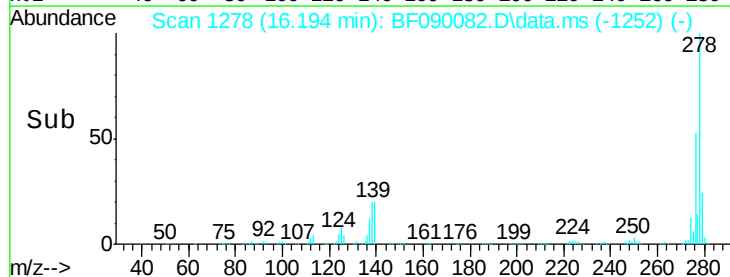
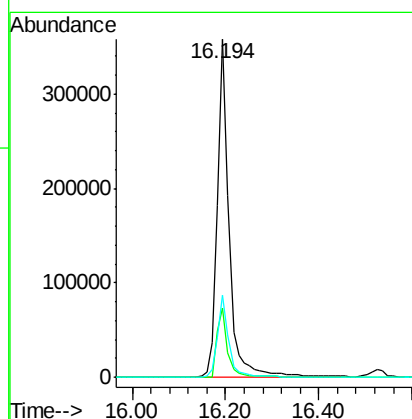
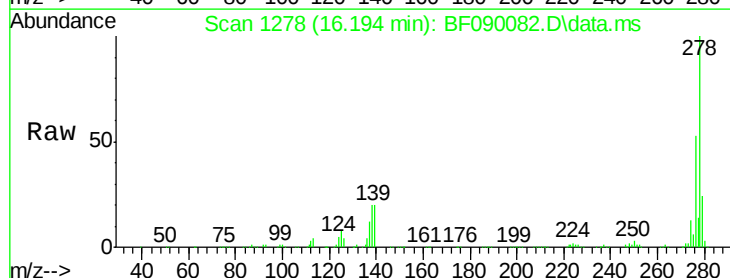
Tgt Ion:278 Resp: 635002

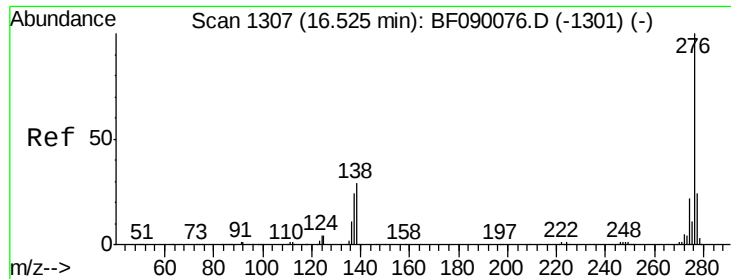
Ion Ratio Lower Upper

278 100

139 20.5 14.6 21.8

279 24.1 18.8 28.2





#91
 Benzo(a,h,i)perylene
 Concen: 37.60 ng
 RT: 16.525 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: BF090082.D
 Acq: 15 Sep 2016 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	29.0	23.3	34.9

