

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090644.D
 Acq On : 19 Oct 2016 13:41
 Operator : UM/SJ
 Sample : PB94156BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Quant Time: Oct 19 14:37:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	252773	20.00	ng	-0.02
21) Naphthalene-d8	8.177	136	1096791	20.00	ng	-0.02
38) Acenaphthene-d10	9.938	164	594216	20.00	ng	-0.02
63) Phenanthrene-d10	11.423	188	999595	20.00	ng	-0.02
75) Chrysene-d12	14.064	240	877431	20.00	ng	-0.02
86) Perylene-d12	15.515	264	616836	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.503	112	1494390	108.38	ng	-0.01
7) Phenol-d6	6.532	99	2083368	101.69	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1362395	69.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.726	330	537544	101.47	ng	-0.02
44) 2-Fluorobiphenyl	9.252	172	2189526	60.71	ng	-0.02
78) Terphenyl-d14	13.012	244	2408209	63.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.577	88	230733	29.36	ng	95
3) Pyridine	3.320	79	594200	33.74	ng	92
4) n-Nitrosodimethylamine	3.263	42	241073	39.70	ng	84
6) Aniline	6.554	93	663247	26.79	ng	96
8) 2-Chlorophenol	6.680	128	666738	37.29	ng	86
9) Benzaldehyde	6.429	77	155142	11.91	ng	91
10) Phenol	6.543	94	737497	31.47	ng	88
11) bis(2-Chloroethyl)ether	6.623	93	654849	33.87	ng	95
12) 1,3-Dichlorobenzene	6.829	146	623673	34.98	ng	99
13) 1,4-Dichlorobenzene	6.909	146	649763	33.51	ng	99
14) 1,2-Dichlorobenzene	7.057	146	591797	32.64	ng	97
15) Benzyl Alcohol	7.034	79	555651	39.82	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.172	45	964335	35.44	ng	89
17) 2-Methylphenol	7.149	107	497556	35.71	ng	99
18) Hexachloroethane	7.400	117	246708	32.19	ng	94
19) n-Nitroso-di-n-propyla...	7.309	70	506076	36.03	ng	# 93
20) 3+4-Methylphenols	7.309	107	659494	39.04	ng	# 72
22) Acetophenone	7.297	105	856761	35.36	ng	# 94
24) Nitrobenzene	7.480	77	700100	34.55	ng	# 83
25) Isophorone	7.720	82	1364669	37.98	ng	# 94
26) 2-Nitrophenol	7.789	139	313951	34.15	ng	97
27) 2,4-Dimethylphenol	7.835	122	591064	38.75	ng	97
28) bis(2-Chloroethoxy)met...	7.926	93	767821	36.19	ng	99
29) 2,4-Dichlorophenol	8.040	162	506110	37.88	ng	99
30) 1,2,4-Trichlorobenzene	8.120	180	535887	34.24	ng	99
31) Naphthalene	8.200	128	1773540	31.74	ng	99
32) Benzoic acid	7.983	122	322161	34.38	ng	92
33) 4-Chloroaniline	8.246	127	340124	15.93	ng	97
34) Hexachlorobutadiene	8.315	225	264220	30.22	ng	99
35) Caprolactam	8.635	113	111139	29.80	ng	92
36) 4-Chloro-3-methylphenol	8.737	107	507564	32.92	ng	88
37) 2-Methylnaphthalene	8.886	142	1054895	32.15	ng	99
39) 1,2,4,5-Tetrachloroben...	9.057	216	492242	31.24	ng	99
40) Hexachlorocyclopentadiene	9.046	237	601501	78.15	ng	99

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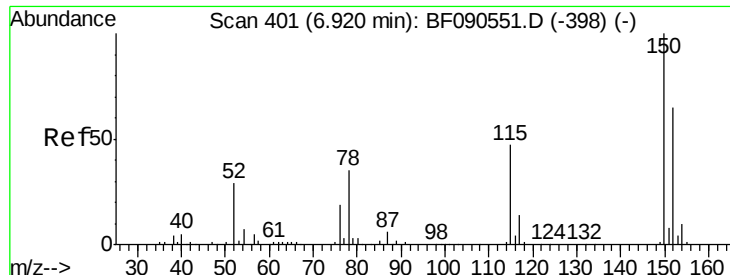
Instrument :
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Quant Time: Oct 19 14:37:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.172	196	346917	39.04	nq	97
43) 2,4,5-Trichlorophenol	9.218	196	350082	33.02	nq	# 87
45) 1,1'-Biphenyl	9.355	154	1284233	28.40	nq	100
46) 2-Chloronaphthalene	9.378	162	1010802	29.98	nq	100
47) 2-Nitroaniline	9.480	65	345707	28.28	nq	93
48) Acenaphthylene	9.800	152	1706773	31.79	nq	99
49) Dimethylphthalate	9.663	163	1278925	33.17	nq	# 99
50) 2,6-Dinitrotoluene	9.720	165	272689	32.32	nq	91
51) Acenaphthene	9.972	154	1152479	32.30	nq	100
52) 3-Nitroaniline	9.892	138	203210	19.20	nq	95
53) 2,4-Dinitrophenol	9.995	184	243829	55.14	nq	# 74
54) Dibenzofuran	10.143	168	1507142	32.11	nq	98
55) 4-Nitrophenol	10.063	139	403116	63.28	nq	86
56) 2,4-Dinitrotoluene	10.120	165	370229	32.31	nq	# 89
57) Fluorene	10.486	166	1205360	31.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.258	232	294120	33.31	nq	96
59) Diethylphthalate	10.360	149	1241960	31.76	nq	96
60) 4-Chlorophenyl-phenyle...	10.475	204	561063	30.74	nq	95
61) 4-Nitroaniline	10.509	138	271676	25.59	nq	94
62) Azobenzene	10.635	77	1288227	28.48	nq	99
64) 4,6-Dinitro-2-methylph...	10.532	198	176028	29.10	nq	73
65) n-Nitrosodiphenylamine	10.601	169	1051221	31.84	nq	99
66) 4-Bromophenyl-phenylether	10.966	248	347957	32.44	nq	# 92
67) Hexachlorobenzene	11.035	284	406537	34.91	nq	# 74
68) Atrazine	11.126	200	302897	33.17	nq	99
69) Pentachlorophenol	11.229	266	425582	73.74	nq	97
70) Phenanthrene	11.446	178	1596084	29.91	nq	99
71) Anthracene	11.503	178	1862550	32.43	nq	100
72) Carbazole	11.652	167	1443472	28.08	nq	99
73) Di-n-butylphthalate	11.983	149	1850489	30.73	nq	# 98
74) Fluoranthene	12.635	202	1714520	31.95	nq	96
76) Benzidine	12.761	184	173931	7.97	nq	99
77) Pyrene	12.864	202	1709087	29.41	nq	99
79) Butylbenzylphthalate	13.481	149	840726	32.65	nq	94
80) Benzo(a)anthracene	14.052	228	1694153	33.92	nq	100
81) 3,3'-Dichlorobenzidine	14.018	252	441255	25.86	nq	# 98
82) Chrysene	14.098	228	1718621	35.71	nq	99
83) Bis(2-ethylhexyl)phtha...	14.041	149	1342458	38.65	nq	# 97
84) Di-n-octyl phthalate	14.658	149	2246924	48.24	nq	96
85) Indeno(1,2,3-cd)pyrene	16.955	276	1052848	37.83	nq	98
87) Benzo(b)fluoranthene	15.127	252	2754968	68.25	nq	97
88) Benzo(k)fluoranthene	15.127	252	2766075	63.69	nq	99
89) Benzo(a)pyrene	15.458	252	1203600	32.57	nq	98
90) Dibenzo(a,h)anthracene	16.967	278	898876	31.90	nq	97
91) Benzo(g,h,i)perylene	17.390	276	832515	30.98	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.886 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

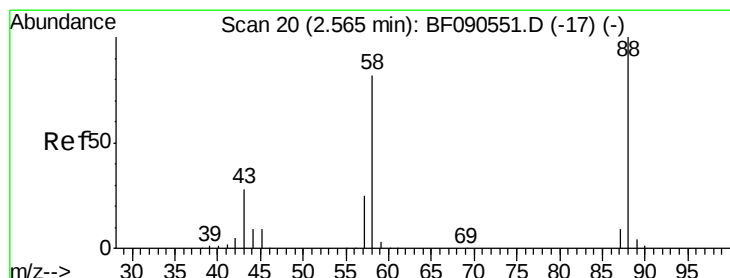
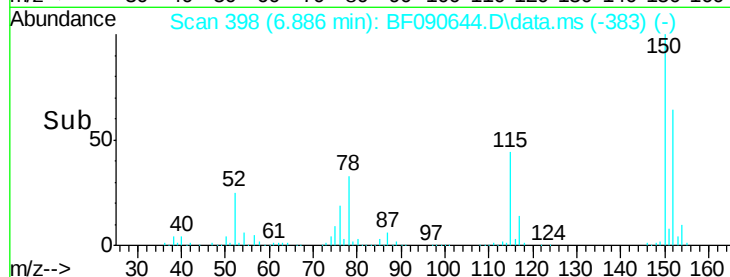
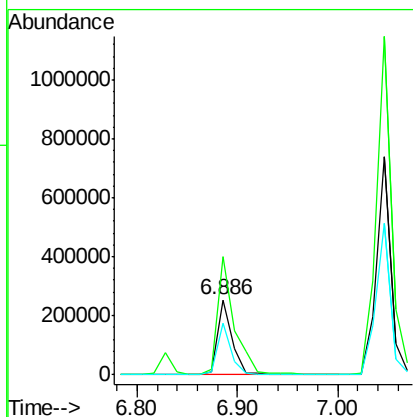
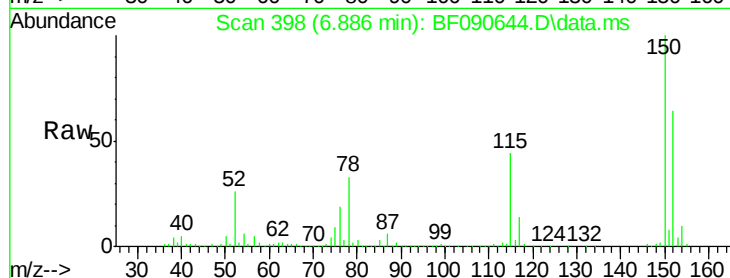
Tot Ion:152 Resp: 252773

Ion Ratio Lower Upper

152 100

150 157.0 127.2 190.8

115 69.3 58.6 88.0



#2

1,4-Dioxane

Concen: 29.36 ng

RT: 2.577 min Scan# 21

Delta R.T. 0.046 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

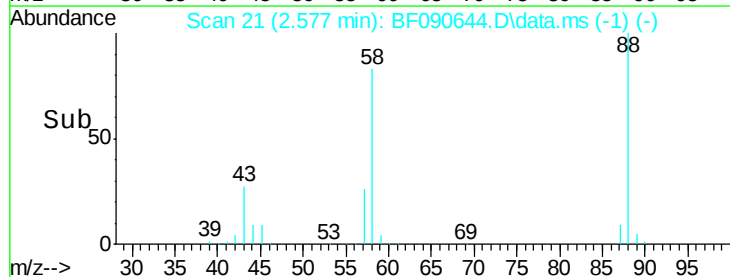
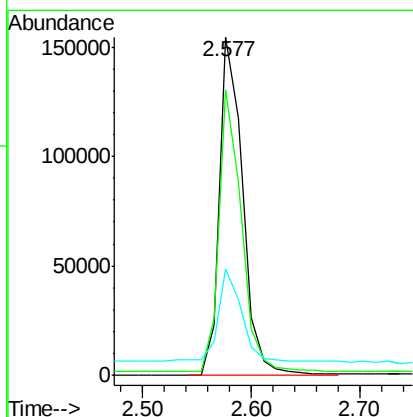
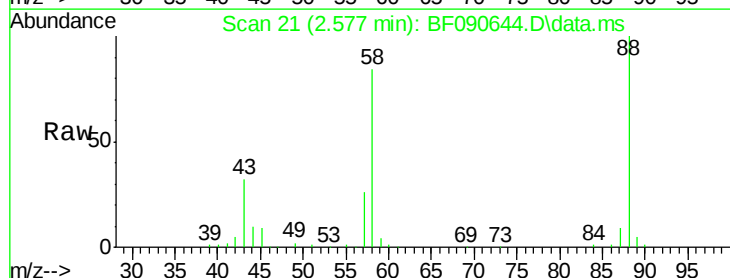
Tgt Ion: 88 Resp: 230733

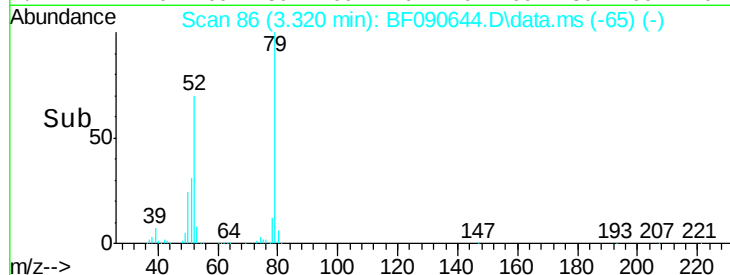
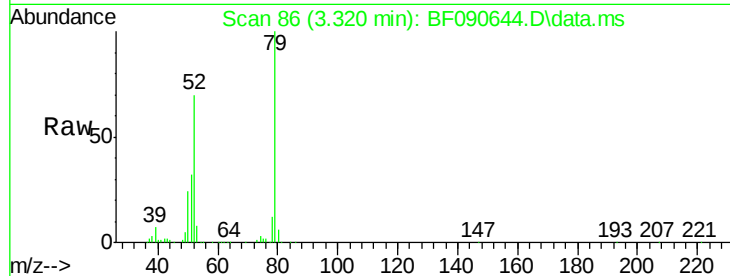
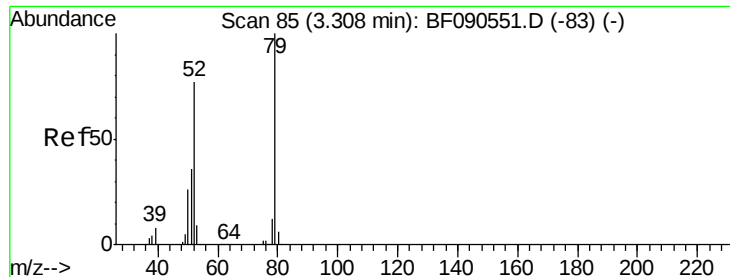
Ion Ratio Lower Upper

88 100

58 79.5 67.2 100.8

43 33.2 24.1 36.1

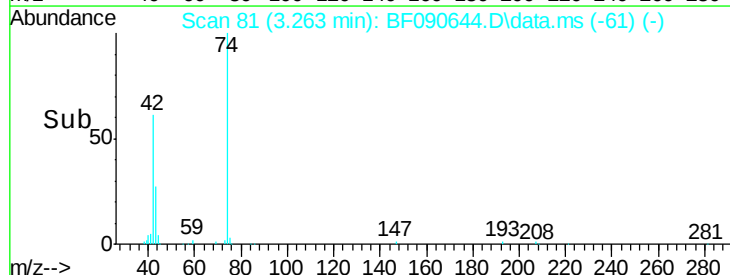
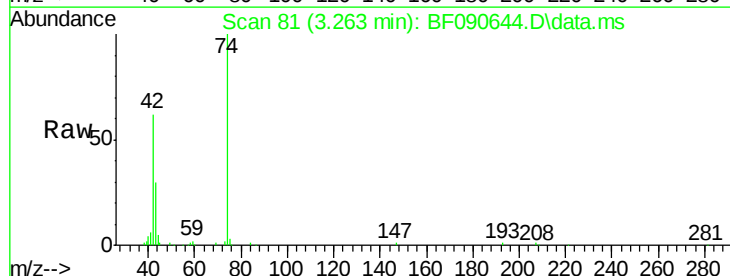
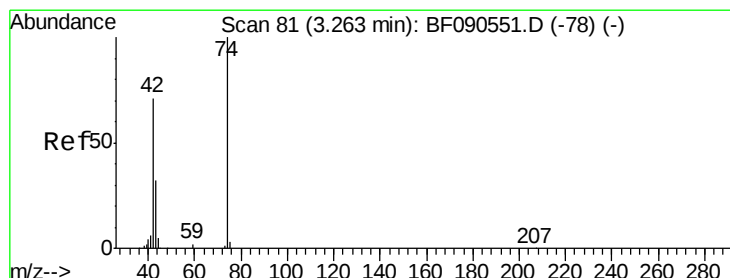
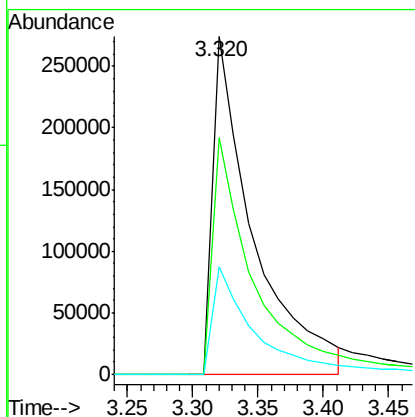




#3
 Pvridine
 Concen: 33.74 ng
 RT: 3.320 min Scan# 86
 Delta R.T. 0.046 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

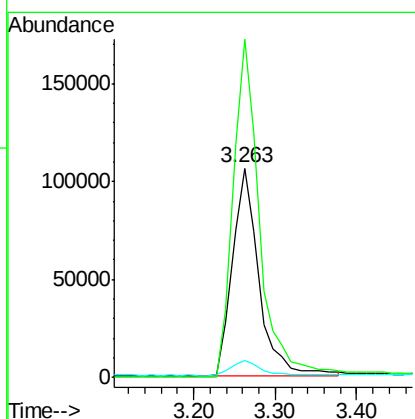
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

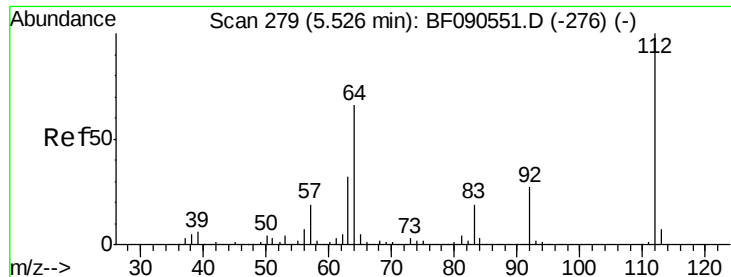
Tot Ion: 79 Resp: 594200
 Ion Ratio Lower Upper
 79 100
 52 70.2 61.8 92.8
 51 31.7 29.2 43.8



#4
 n-Nitrosodimethylamine
 Concen: 39.70 ng
 RT: 3.263 min Scan# 81
 Delta R.T. 0.034 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion: 42 Resp: 241073
 Ion Ratio Lower Upper
 42 100
 74 161.7 113.3 169.9
 44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 108.38 ng

RT: 5.503 min Scan# 27

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

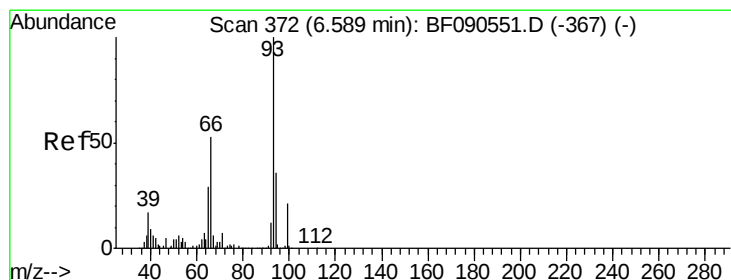
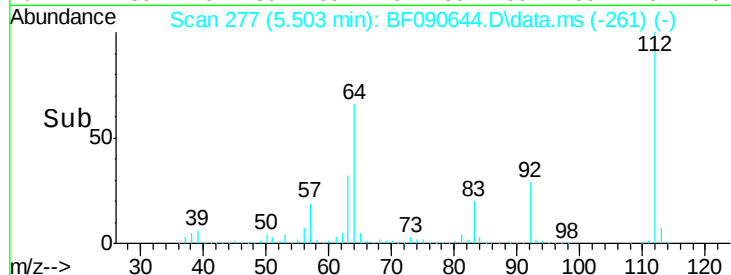
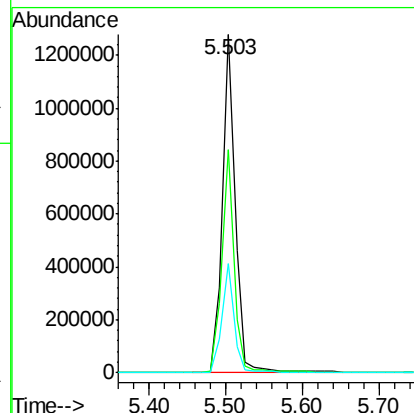
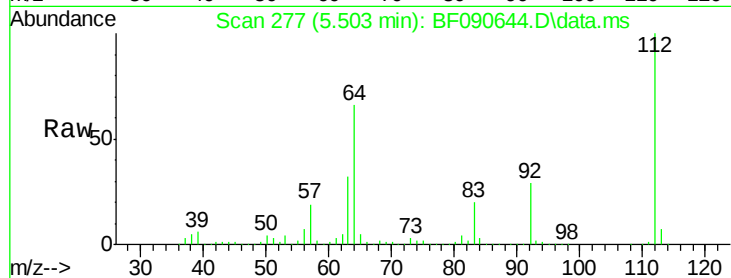
Tot Ion:112 Resp: 1494390

Ion Ratio Lower Upper

112 100

64 65.9 52.6 78.8

63 32.2 26.0 39.0



#6

Aniline

Concen: 26.79 ng

RT: 6.554 min Scan# 369

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

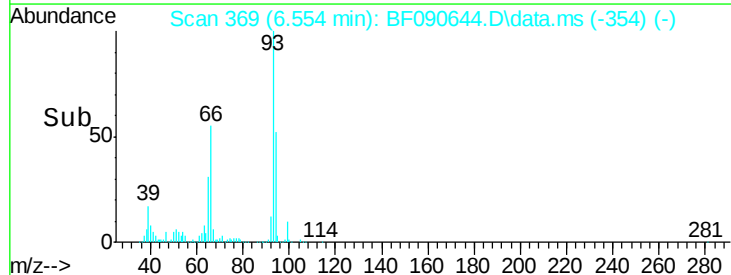
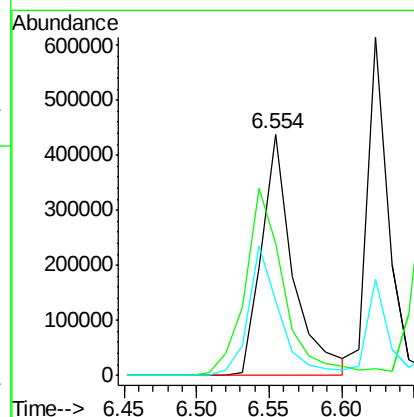
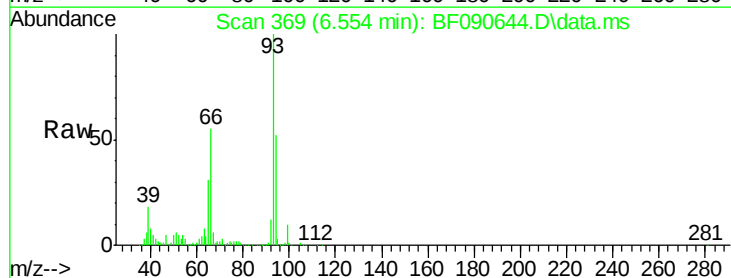
Tgt Ion: 93 Resp: 663247

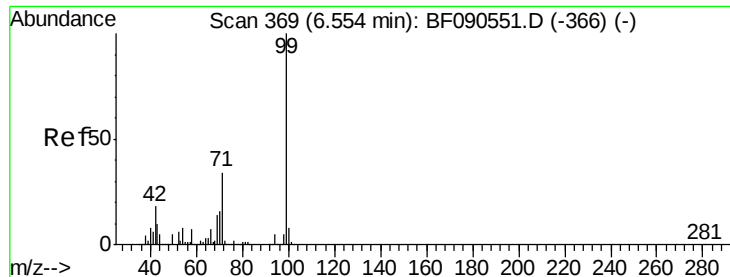
Ion Ratio Lower Upper

93 100

66 54.7 42.2 63.2

65 31.1 22.9 34.3





#7

Phenol-d6

Concen: 101.69 ng

RT: 6.532 min Scan# 36

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

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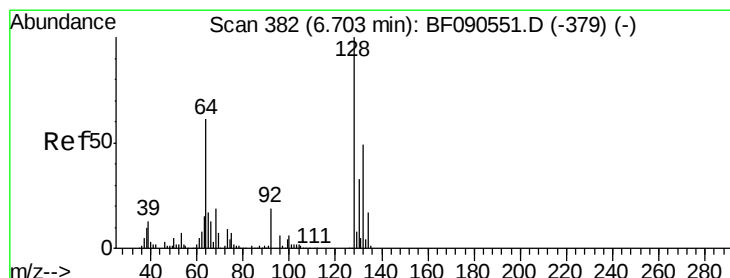
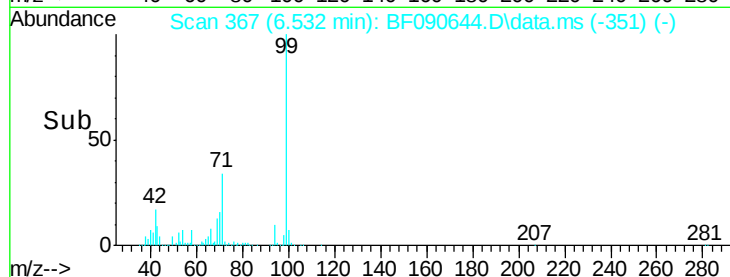
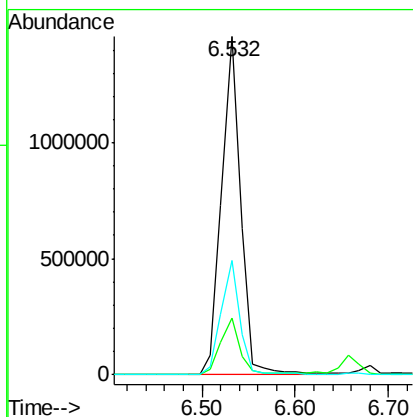
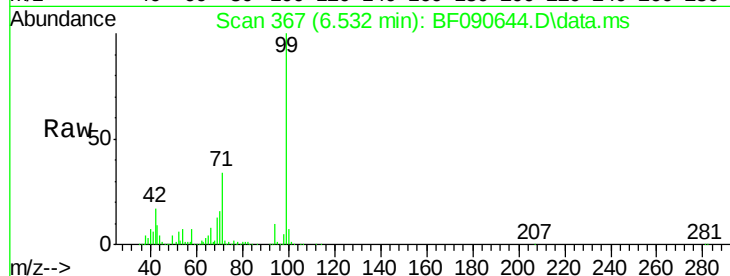
Tot Ion: 99 Resp: 2083368

Ion Ratio Lower Upper

99 100

42 16.8 14.7 22.1

71 33.8 27.6 41.4



#8

2-Chlorophenol

Concen: 37.29 ng

RT: 6.680 min Scan# 380

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

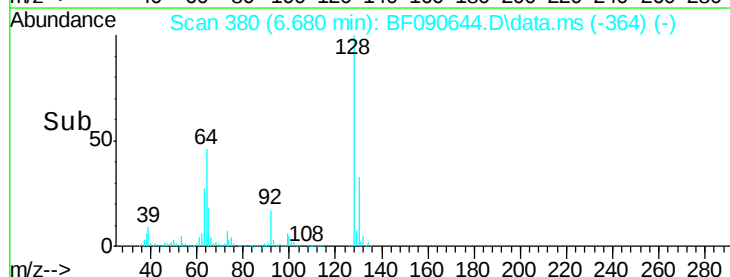
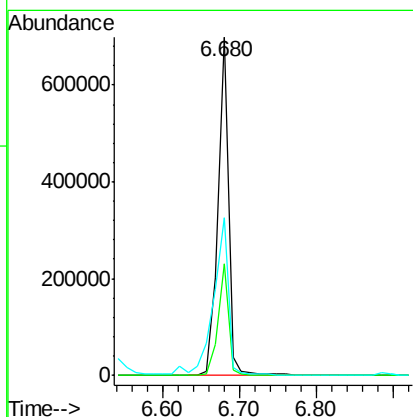
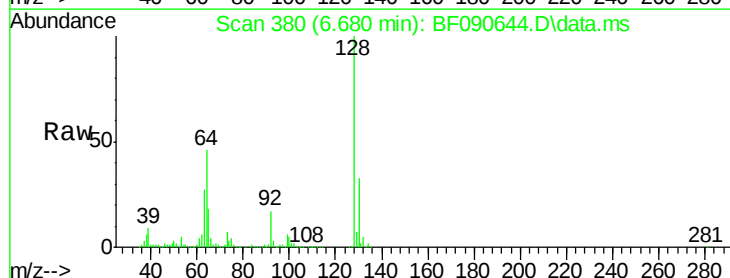
Tgt Ion: 128 Resp: 666738

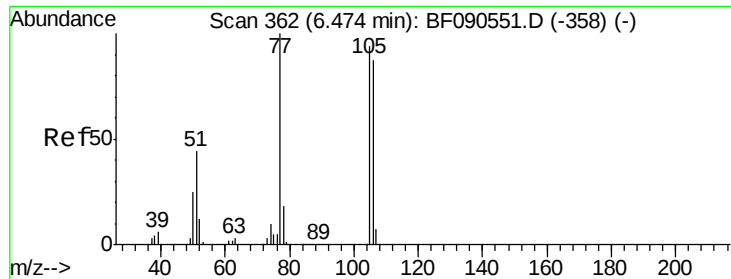
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 46.4 42.6 82.6





#9

Benzaldehyde

Concen: 11.91 ng

RT: 6.429 min Scan# 35

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

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ClientSampleId :

PB94156BS

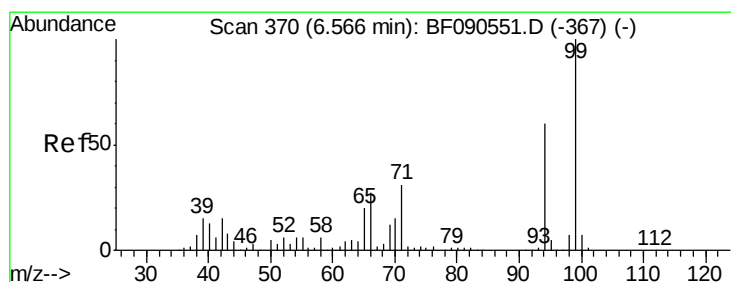
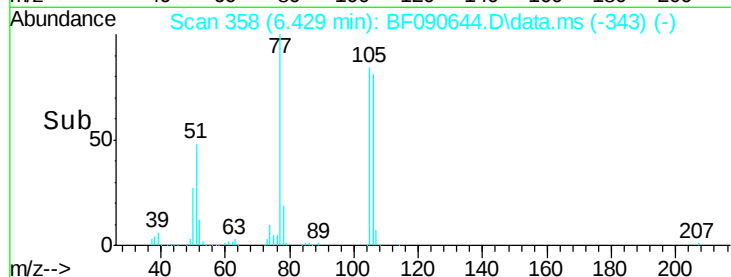
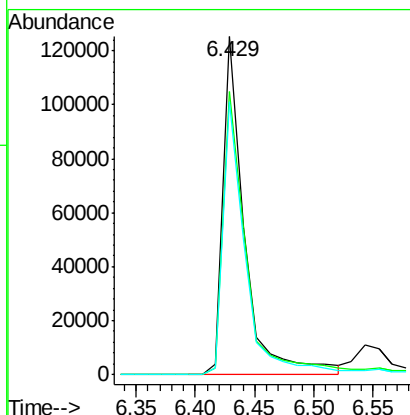
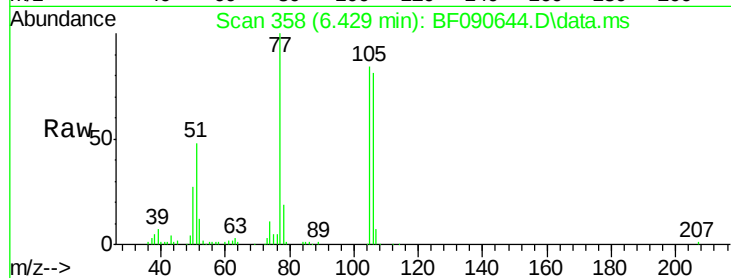
Tot Ion: 77 Resp: 155142

Ion Ratio Lower Upper

77 100

105 83.8 74.3 114.3

106 80.8 67.2 107.2



#10

Phenol

Concen: 31.47 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

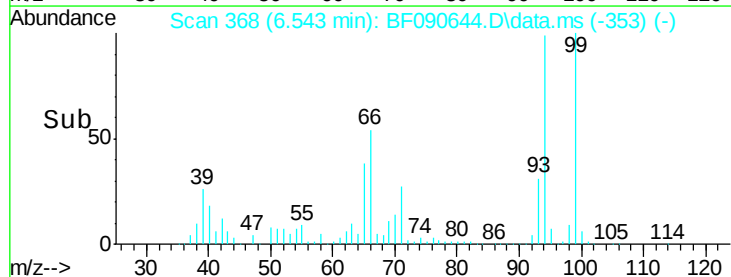
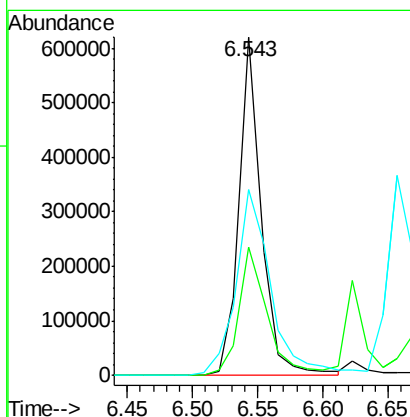
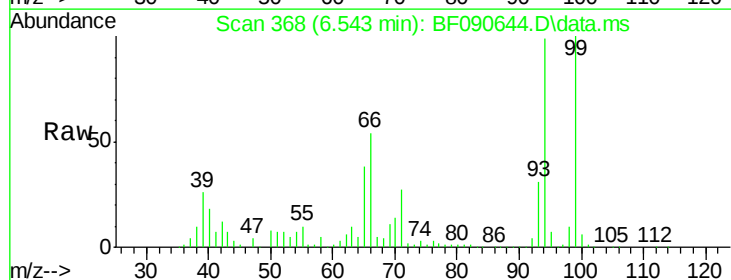
Tgt Ion: 94 Resp: 737497

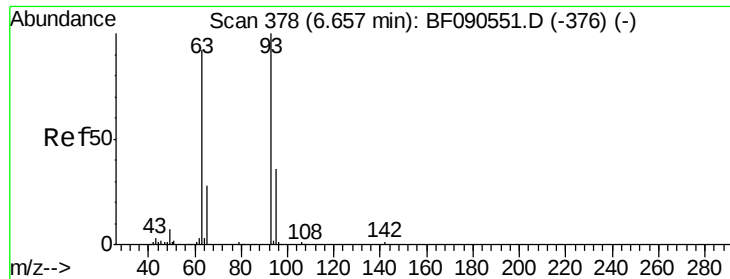
Ion Ratio Lower Upper

94 100

65 38.1 12.5 52.5

66 54.9 25.5 65.5

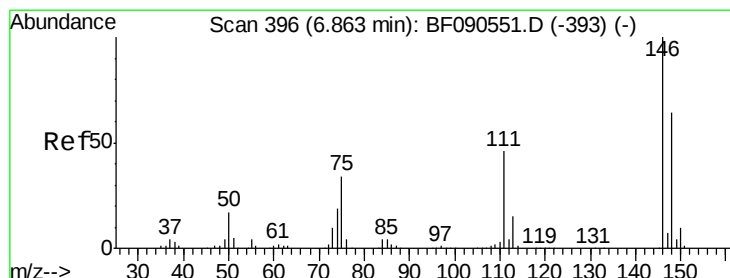
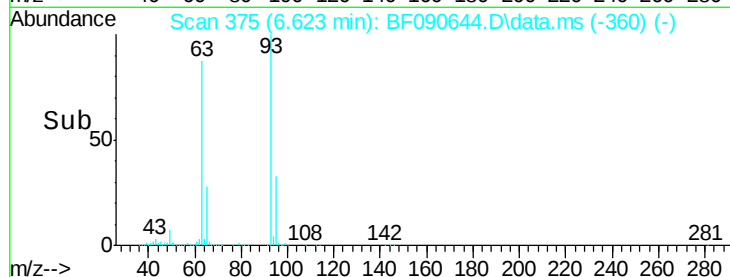
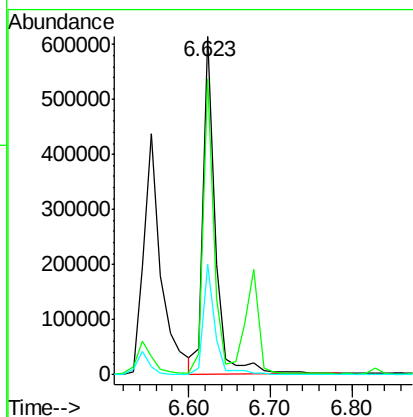
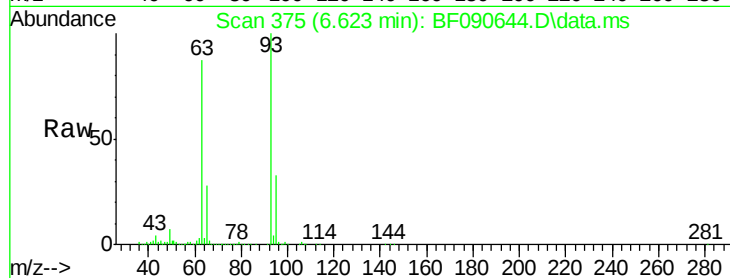




#11
bis(2-Chloroethyl)ether
Concen: 33.87 ng
RT: 6.623 min Scan# 37
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

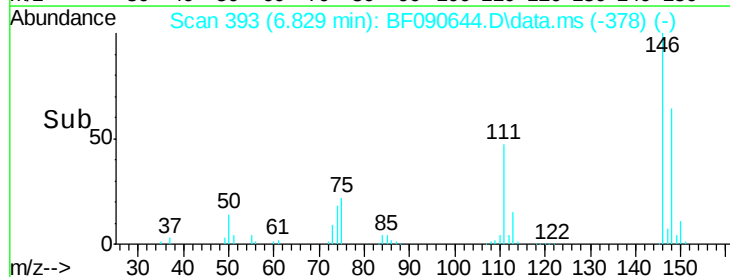
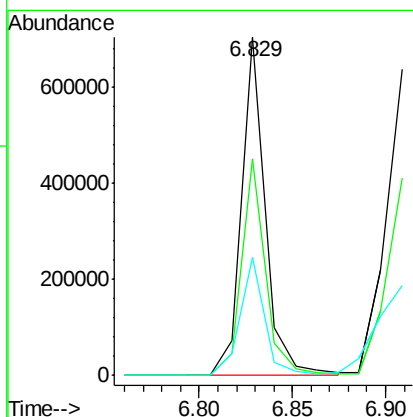
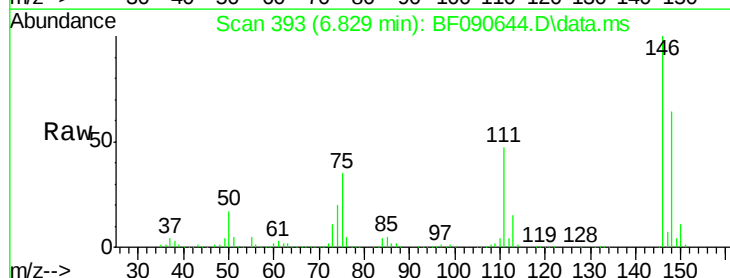
Instrument :
BNA_F
ClientSampleId :
PB94156BS

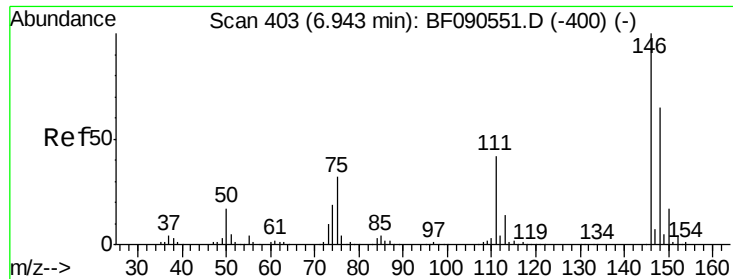
Tot Ion: 93 Resp: 654849
Ion Ratio Lower Upper
93 100
63 87.5 61.6 101.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.98 ng
RT: 6.829 min Scan# 393
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion: 146 Resp: 623673
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 34.9 27.0 40.6

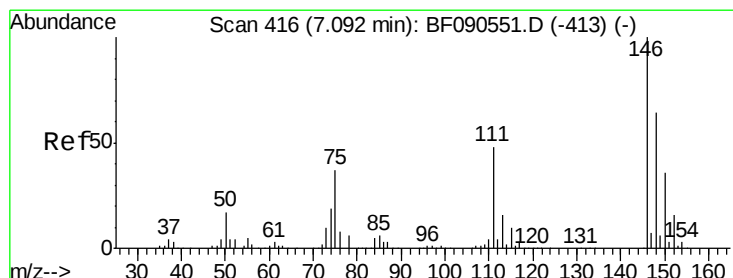
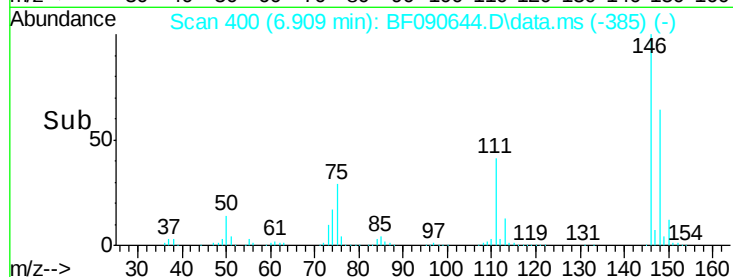
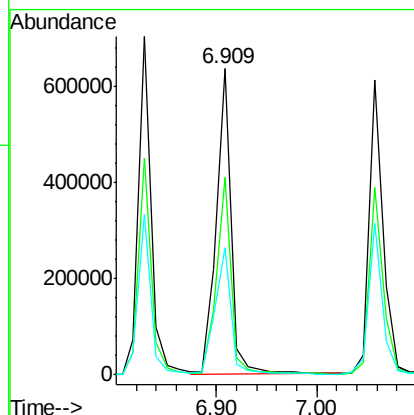
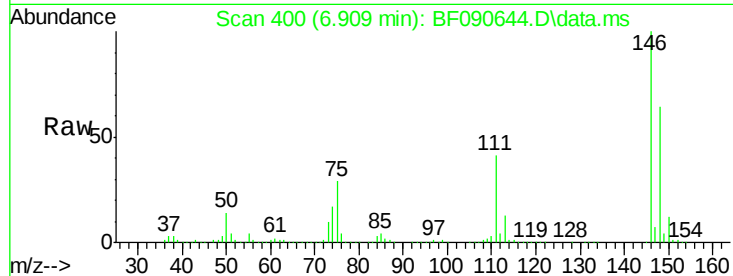




#13
 1,4-Dichlorobenzene
 Concen: 33.51 ng
 RT: 6.909 min Scan# 40
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

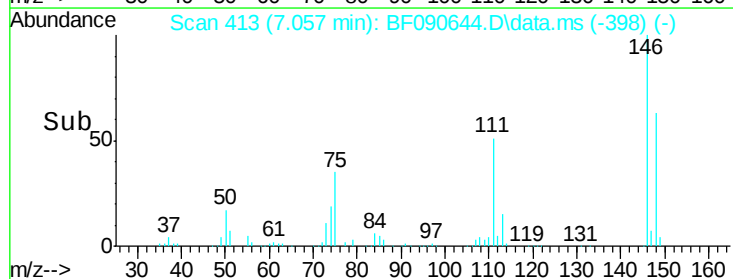
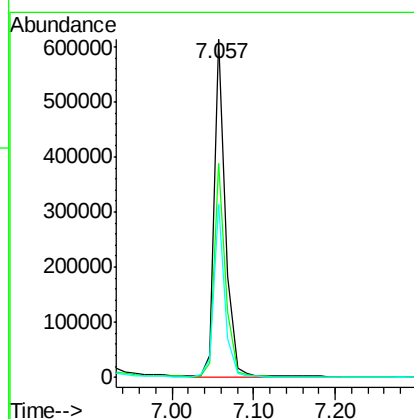
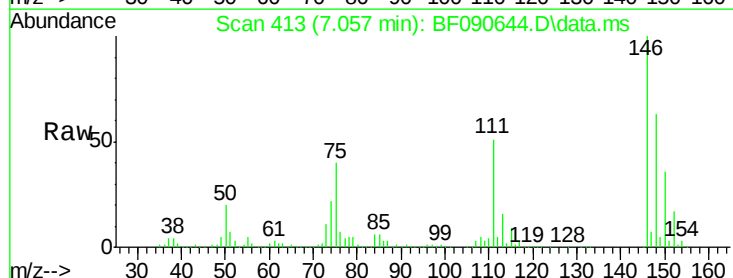
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

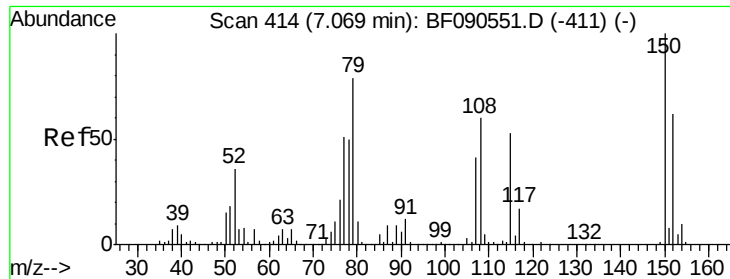
Tot Ion:146 Resp: 649763
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 41.4 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 32.64 ng
 RT: 7.057 min Scan# 413
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:146 Resp: 591797
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.2 76.8
 111 51.2 38.2 57.2





#15

Benzyl Alcohol

Concen: 39.82 ng

RT: 7.034 min Scan# 41

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

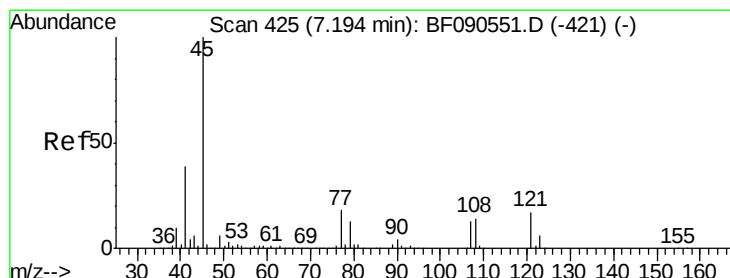
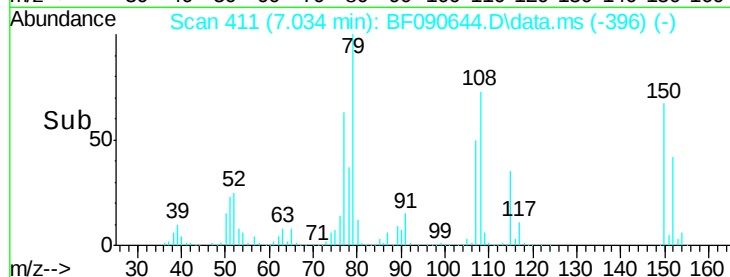
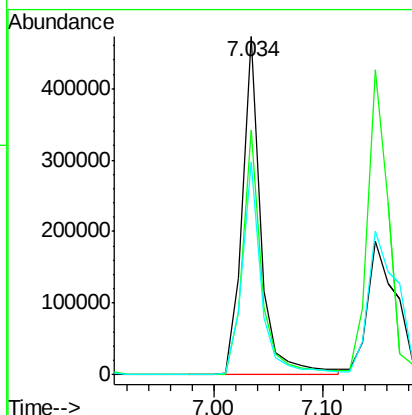
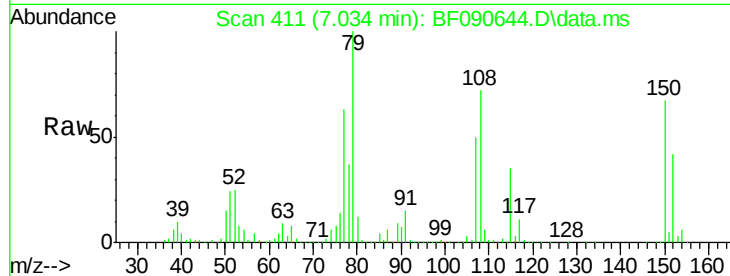
Tot Ion: 79 Resp: 555651

Ion Ratio Lower Upper

79 100

108 72.5 60.2 90.4

77 62.8 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.44 ng

RT: 7.172 min Scan# 423

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

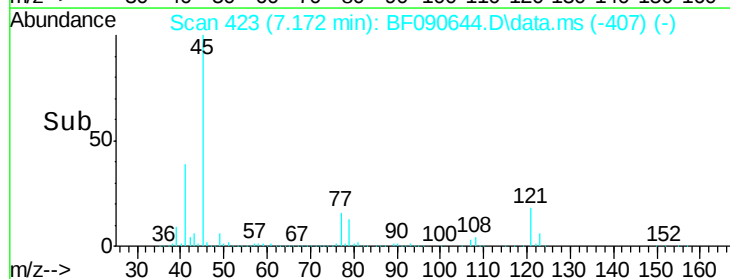
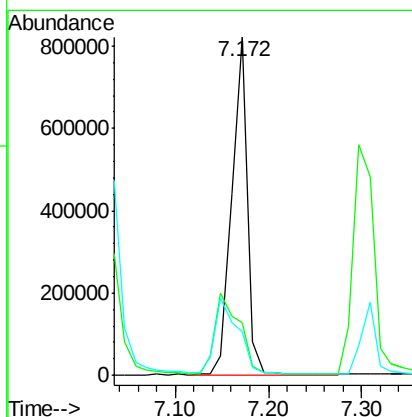
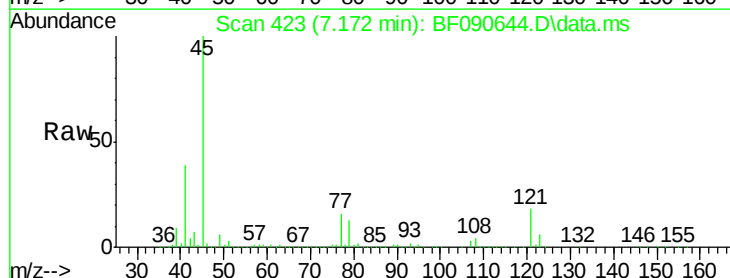
Tgt Ion: 45 Resp: 964335

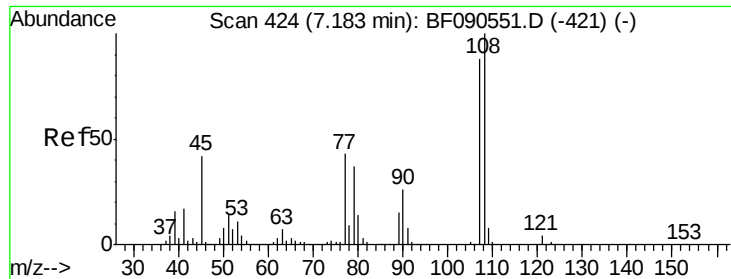
Ion Ratio Lower Upper

45 100

77 15.6 0.9 40.9

79 12.8 0.0 37.3





#17

2-Methylphenol

Concen: 35.71 ng

RT: 7.149 min Scan# 421

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:107 Resp: 497556

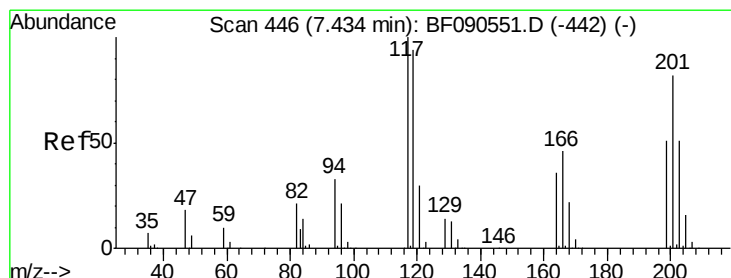
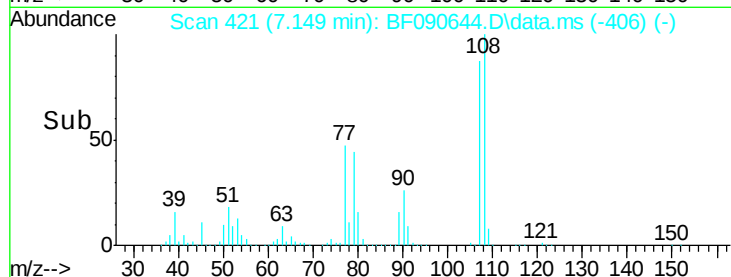
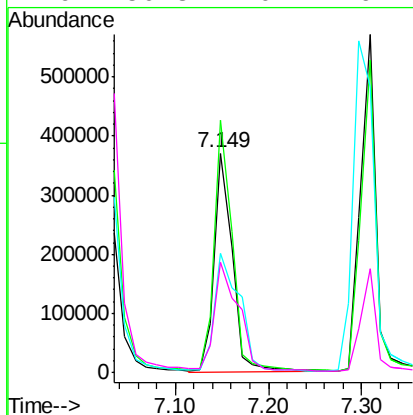
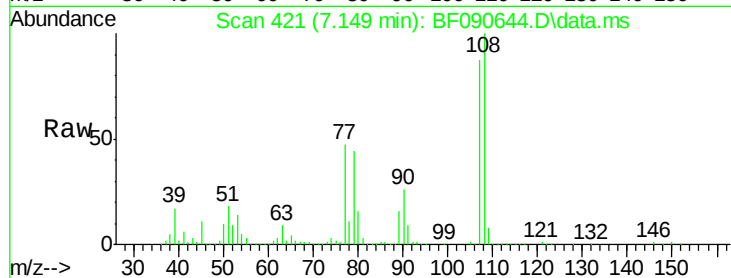
Ion Ratio Lower Upper

107 100

108 115.1 92.6 138.8

77 54.1 42.2 63.2

79 50.3 40.7 61.1



#18

Hexachloroethane

Concen: 32.19 ng

RT: 7.400 min Scan# 443

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

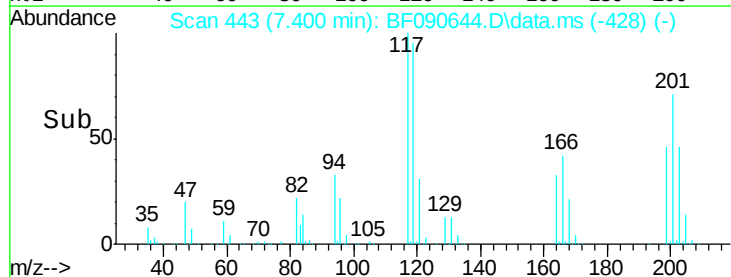
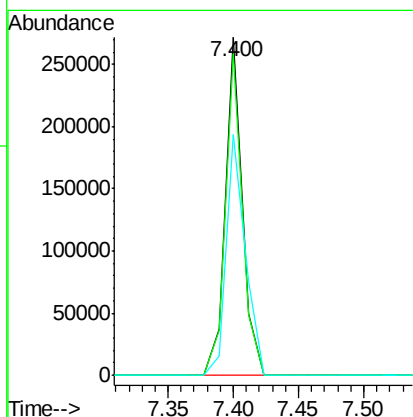
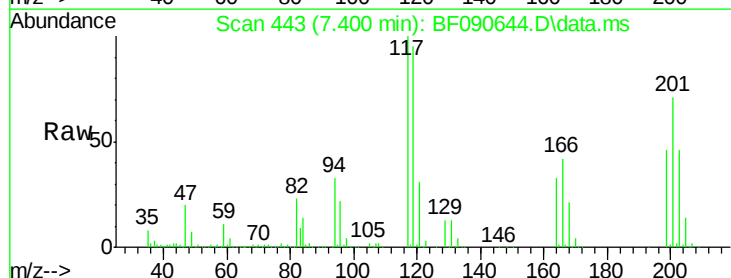
Tgt Ion:117 Resp: 246708

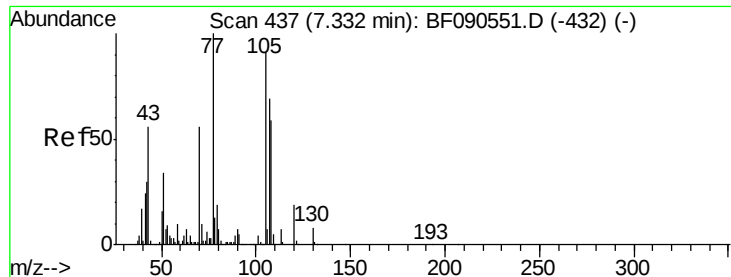
Ion Ratio Lower Upper

117 100

119 95.0 75.6 113.4

201 71.1 65.4 98.0

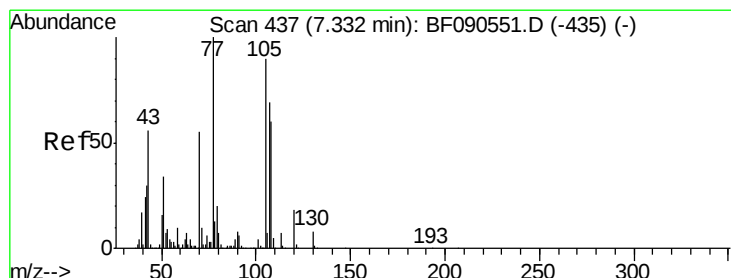
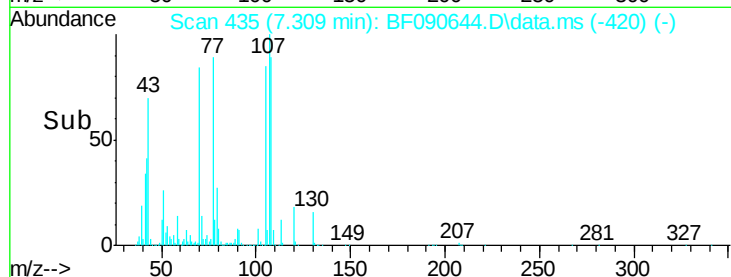
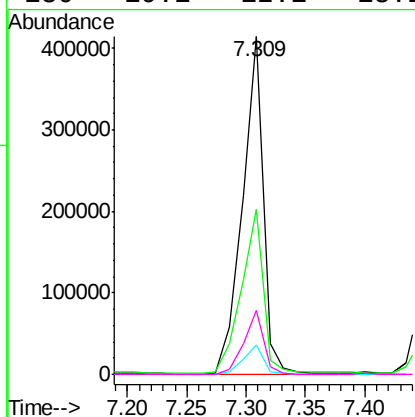
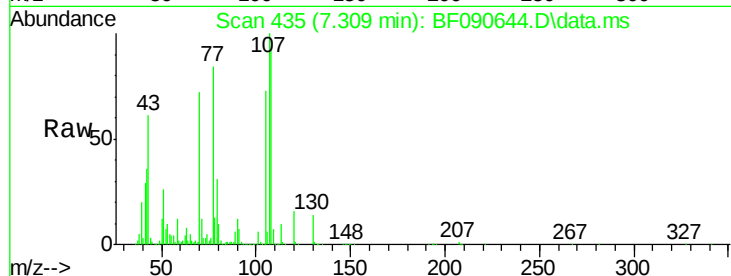




#19
n-Nitroso-di-n-propylamine
Concen: 36.03 ng
RT: 7.309 min Scan# 43
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

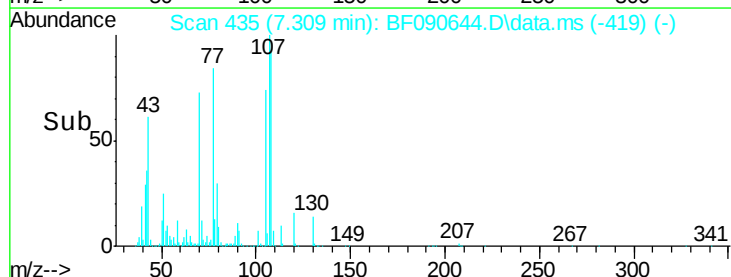
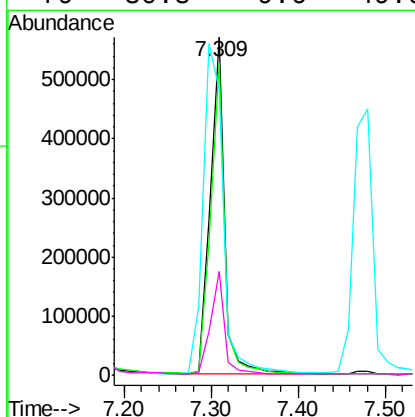
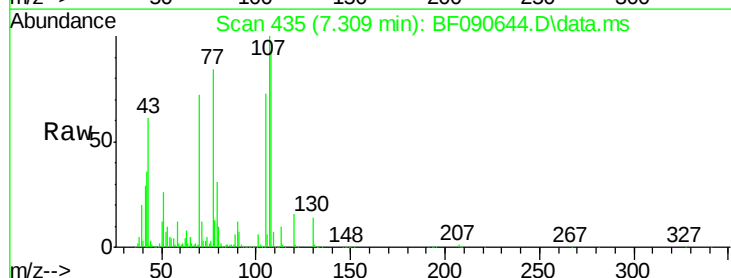
Instrument :
BNA_F
ClientSampleId :
PB94156BS

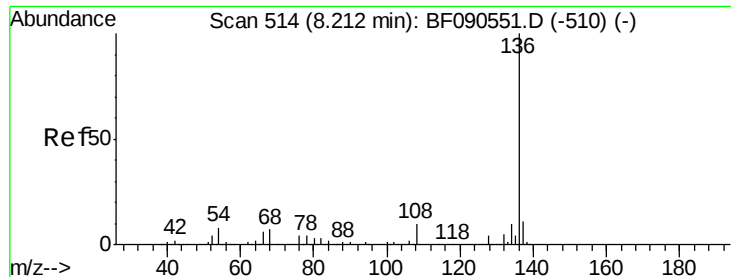
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	43.4	65.0
101	8.9	6.4	9.6
130	19.1	12.1	18.1#



#20
3+4-Methylphenols
Concen: 39.04 ng
RT: 7.309 min Scan# 435
Delta R.T. -0.012 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	67.7	107.7
77	84.5	123.1	163.1#
79	30.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.177 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:136 Resp: 1096791

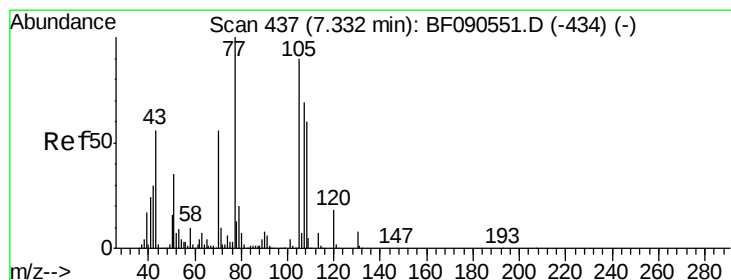
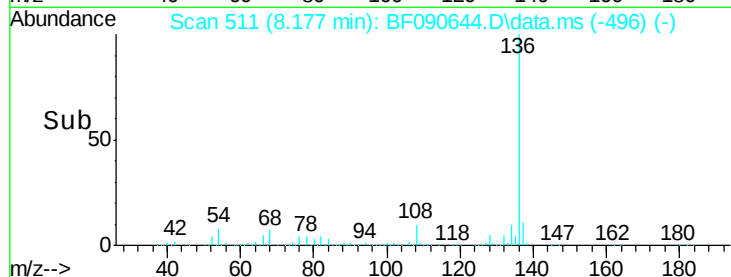
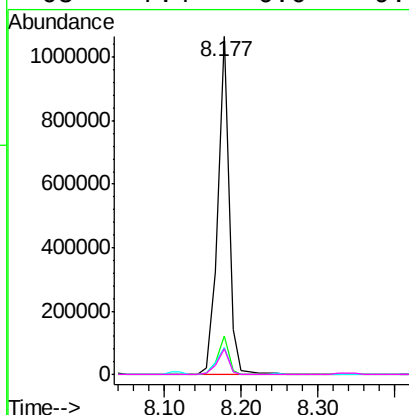
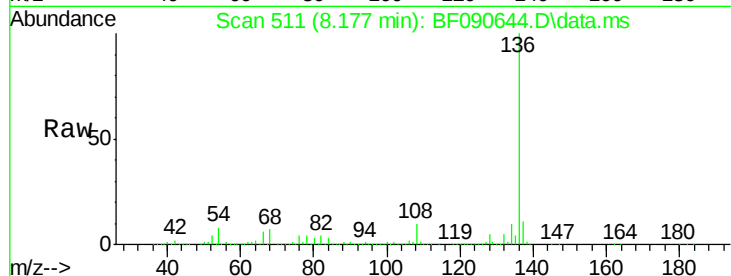
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.0 6.8 10.2

68 7.4 6.0 9.0



#22

Acetophenone

Concen: 35.36 ng

RT: 7.297 min Scan# 434

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion:105 Resp: 856761

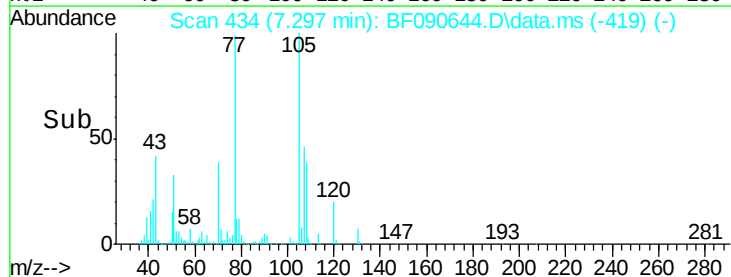
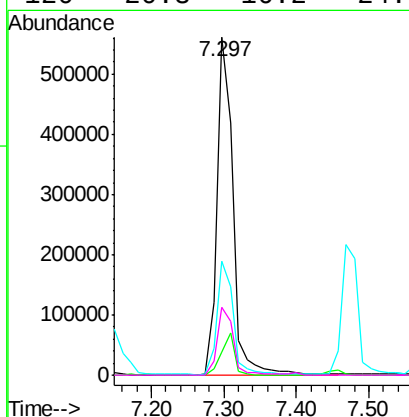
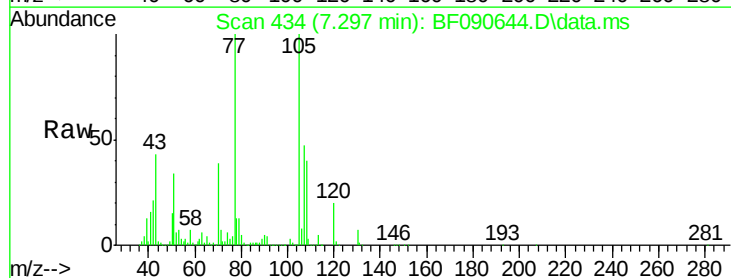
Ion Ratio Lower Upper

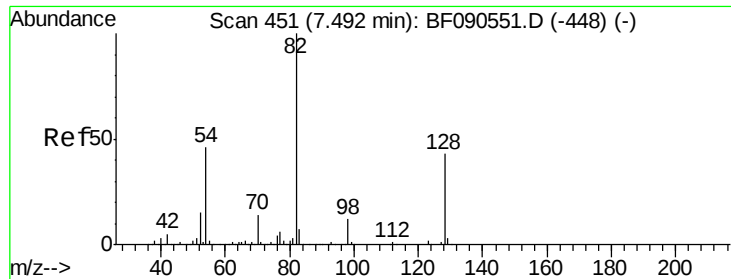
105 100

71 6.7 8.5 12.7#

51 33.6 31.0 46.4

120 20.3 16.2 24.4

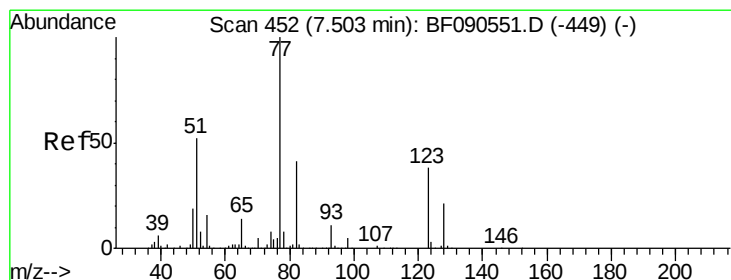
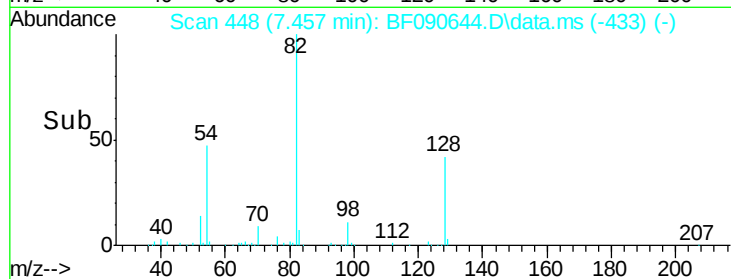
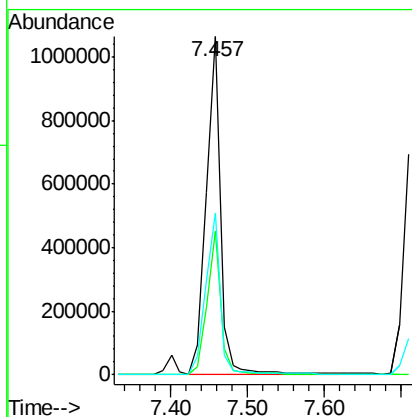
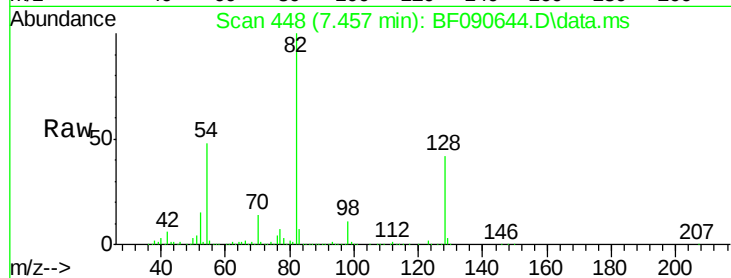




#23
 Nitrobenzene-d5
 Concen: 69.00 ng
 RT: 7.457 min Scan# 44
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

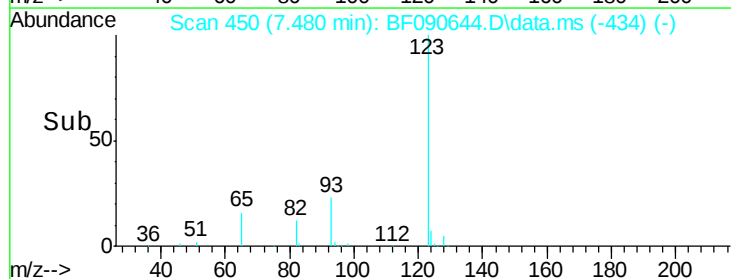
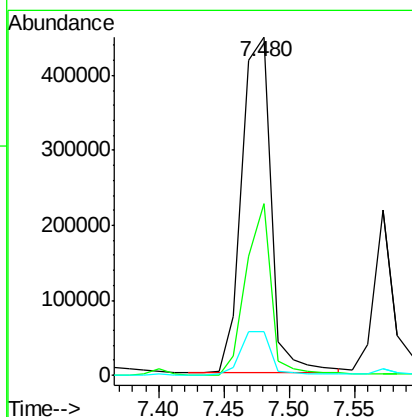
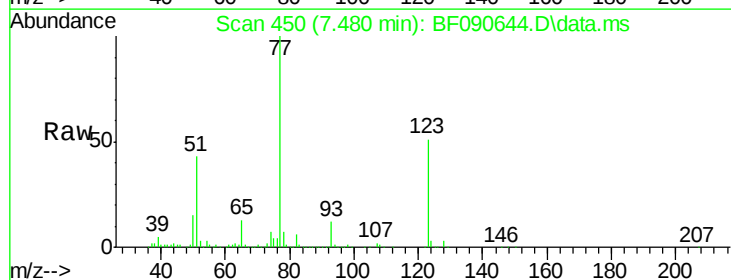
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

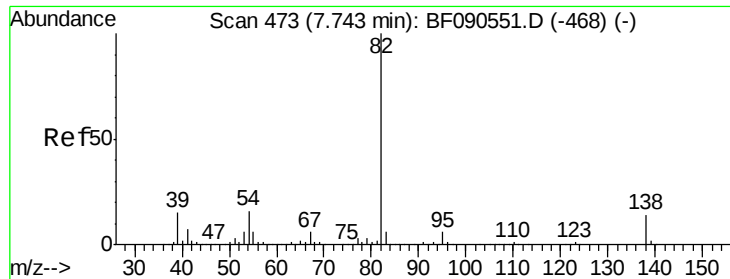
Tot Ion: 82 Resp: 1362395
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.3 51.5
 54 47.6 37.0 55.6



#24
 Nitrobenzene
 Concen: 34.55 ng
 RT: 7.480 min Scan# 450
 Delta R.T. -0.012 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion: 77 Resp: 700100
 Ion Ratio Lower Upper
 77 100
 123 50.8 29.8 44.6#
 65 12.8 10.9 16.3





#25

Isophorone

Concen: 37.98 ng

RT: 7.720 min Scan# 47

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

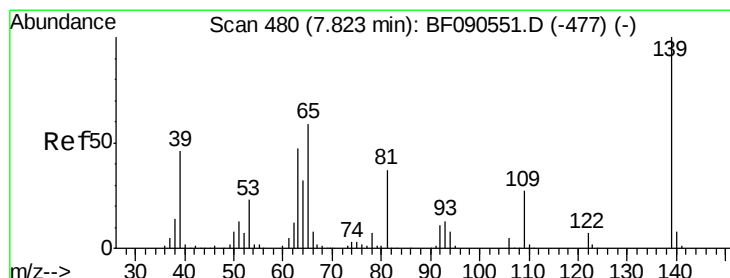
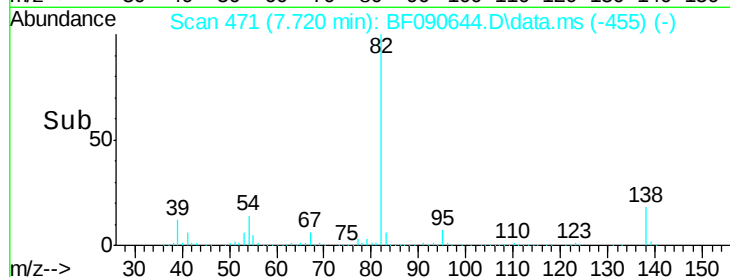
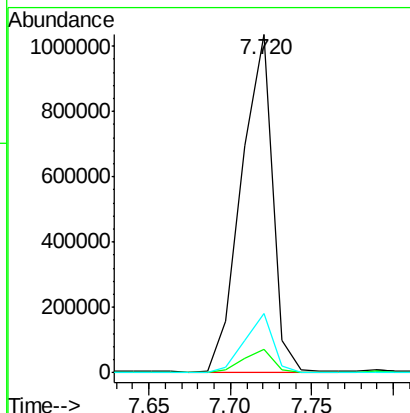
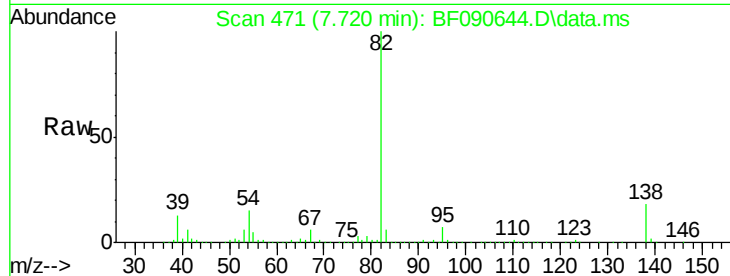
BNA_F

ClientSampleId :

PB94156BS

Tot Ion: 82 Resp: 1364669

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.0	7.6
138	17.5	11.5	17.3#



#26

2-Nitrophenol

Concen: 34.15 ng

RT: 7.789 min Scan# 477

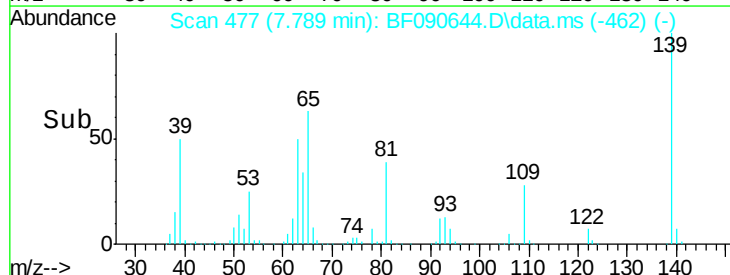
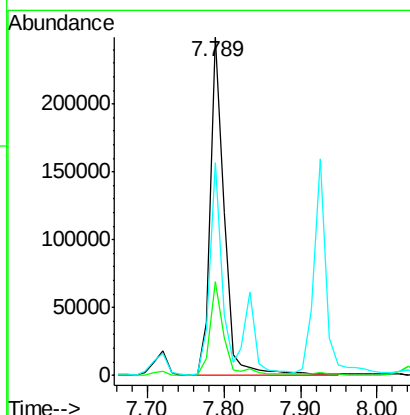
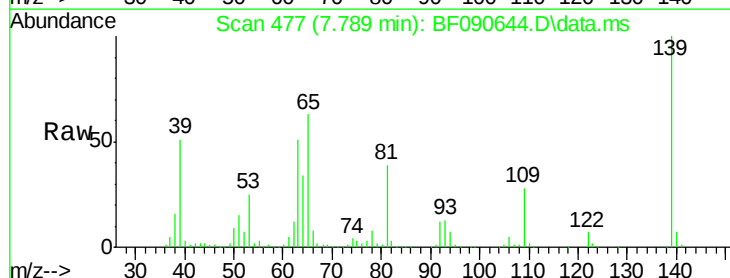
Delta R.T. -0.023 min

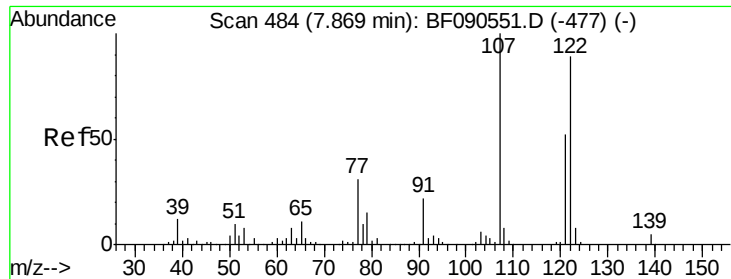
Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion: 139 Resp: 313951

Ion	Ratio	Lower	Upper
139	100		
109	27.8	21.8	32.6
65	62.9	47.7	71.5

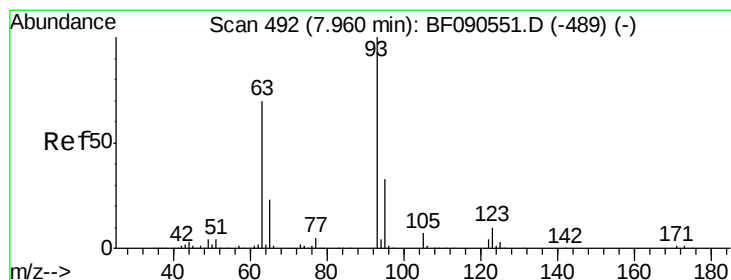
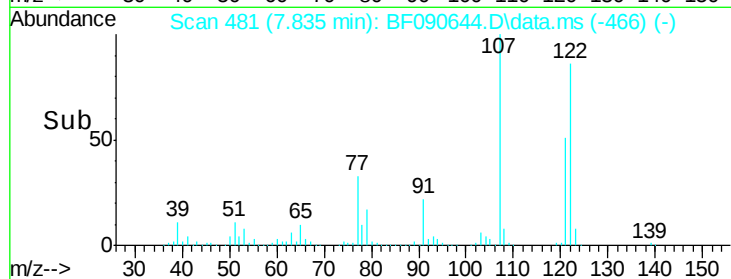
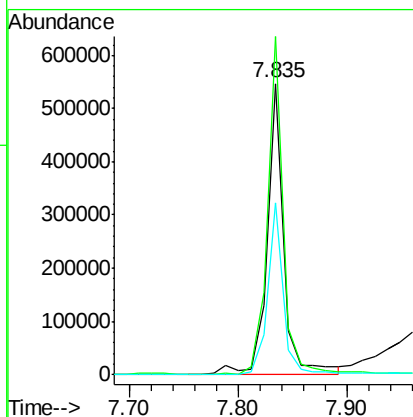
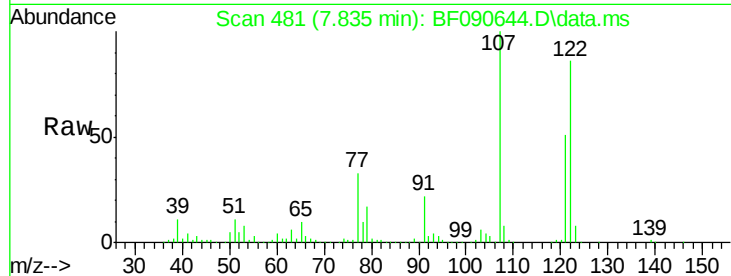




#27
 2,4-Dimethylphenol
 Concen: 38.75 ng
 RT: 7.835 min Scan# 481
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

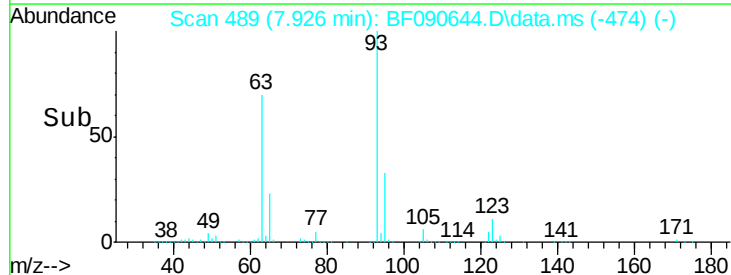
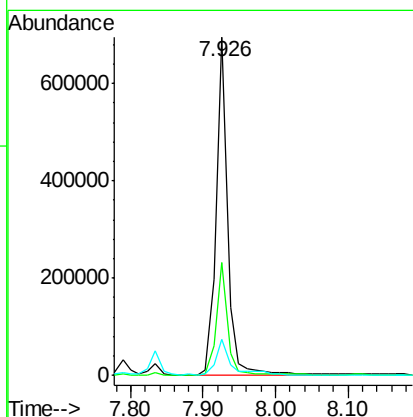
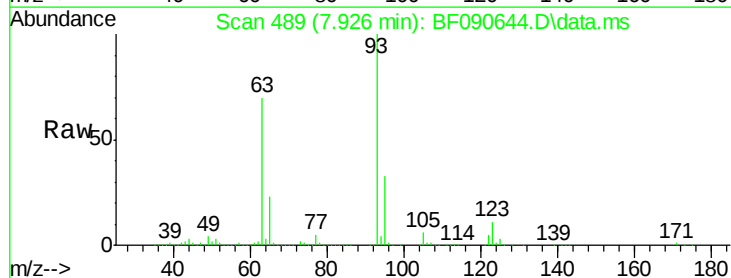
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

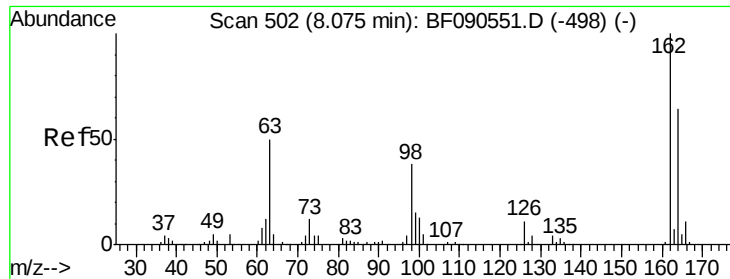
Tot Ion:122 Resp: 591064
 Ion Ratio Lower Upper
 122 100
 107 116.1 89.8 134.6
 121 58.8 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.19 ng
 RT: 7.926 min Scan# 489
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion: 93 Resp: 767821
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.2 39.2
 123 10.7 8.6 13.0

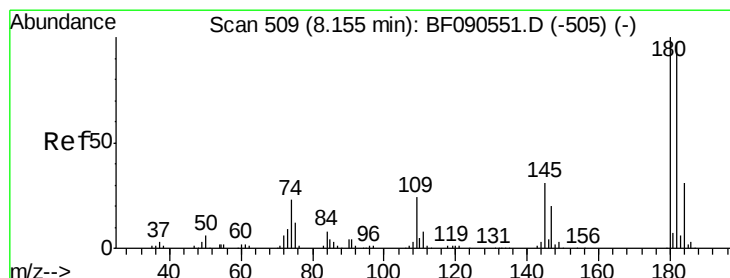
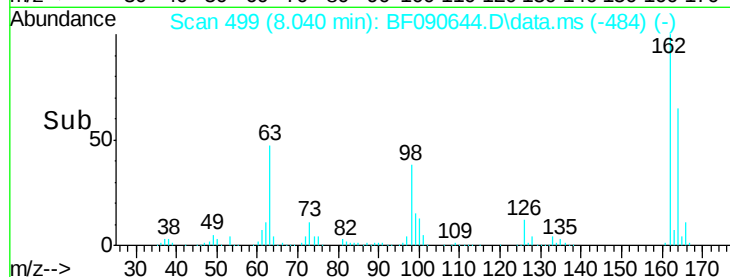
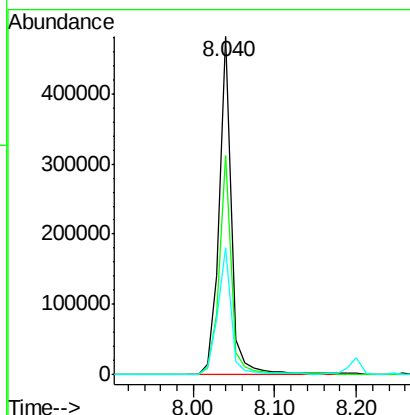
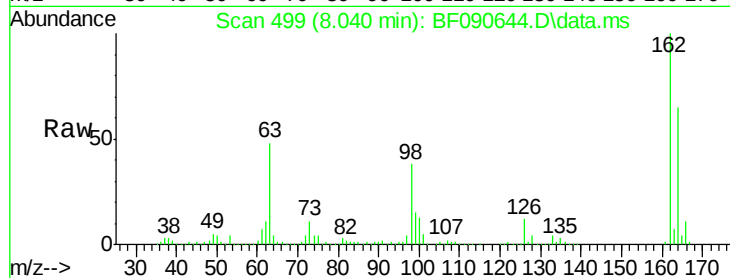




#29
 2,4-Dichlorophenol
 Concen: 37.88 ng
 RT: 8.040 min Scan# 49
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

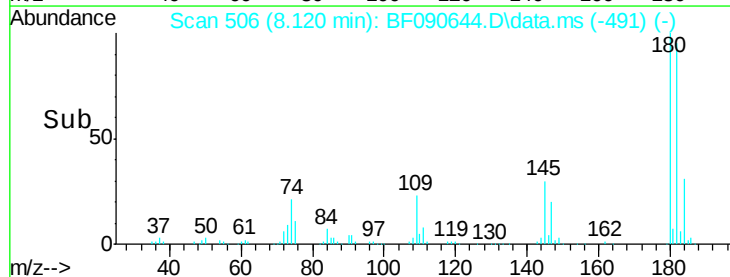
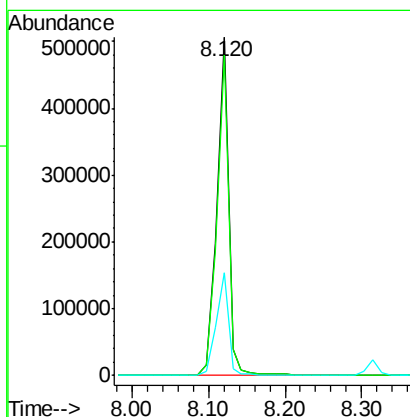
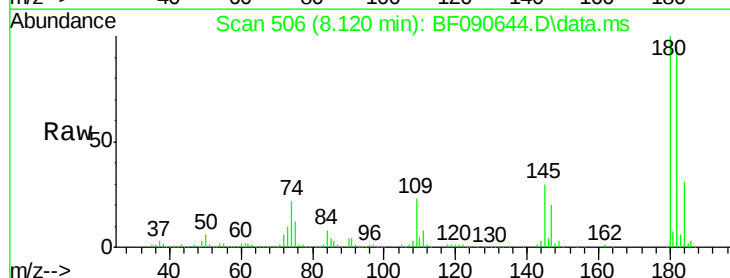
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

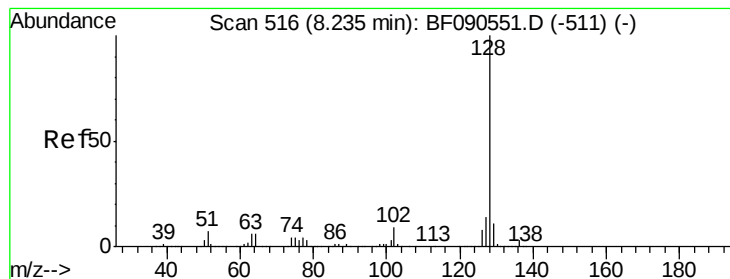
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.0	84.0
98	37.6	18.0	58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 34.24 ng
 RT: 8.120 min Scan# 506
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.2	115.8
145	30.3	24.4	36.6





#31

Naphthalene

Concen: 31.74 ng

RT: 8.200 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

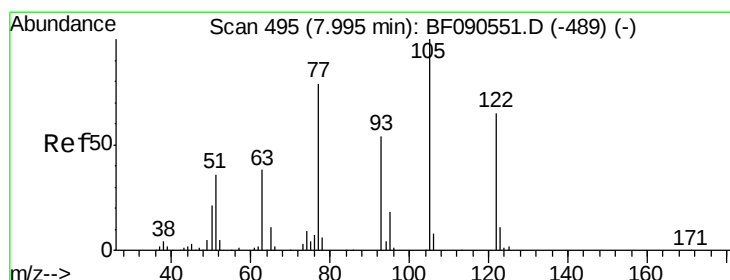
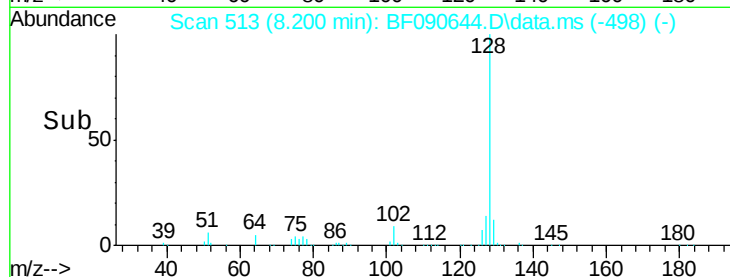
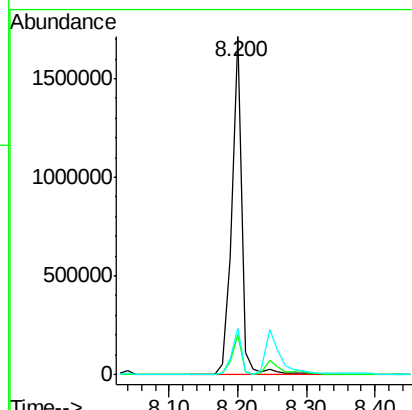
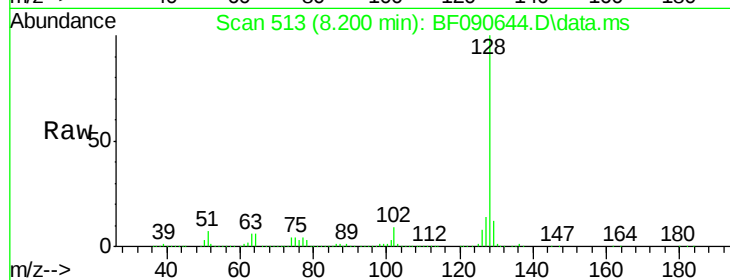
Tot Ion:128 Resp: 1773540

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

127 13.8 10.8 16.2



#32

Benzoic acid

Concen: 34.38 ng

RT: 7.983 min Scan# 494

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

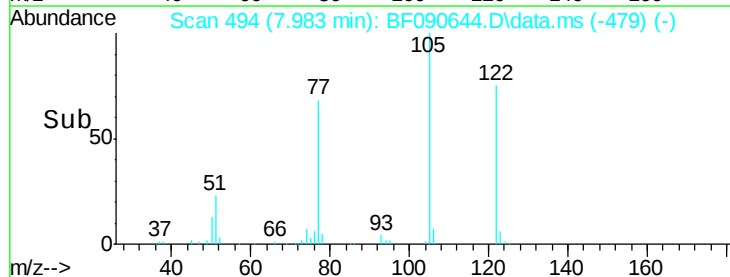
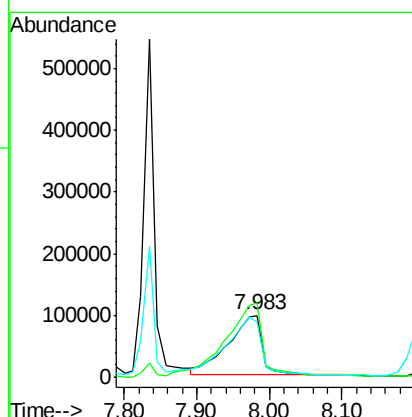
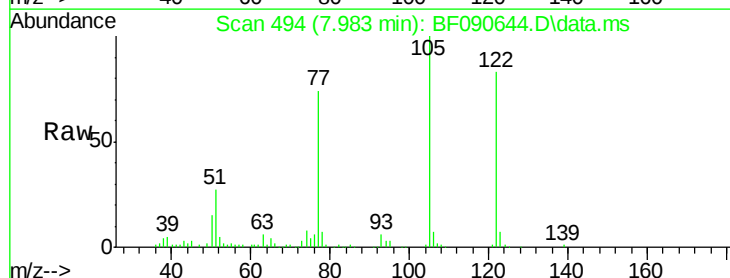
Tgt Ion:122 Resp: 322161

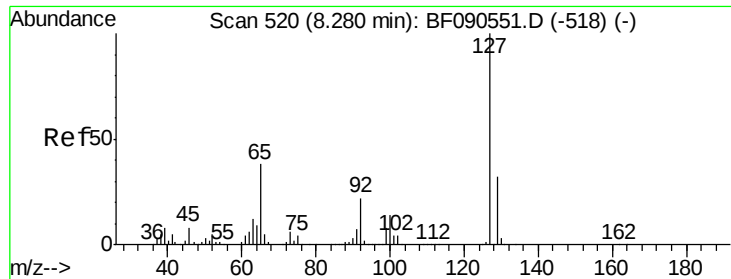
Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

77 88.9 84.7 124.7

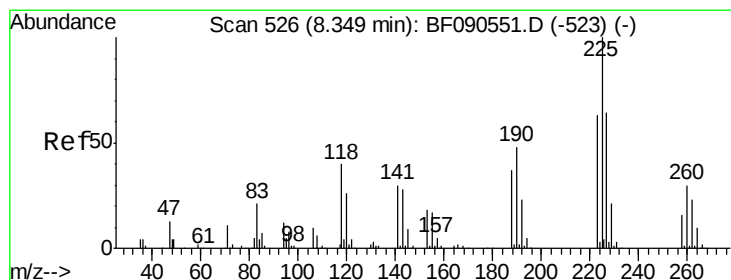
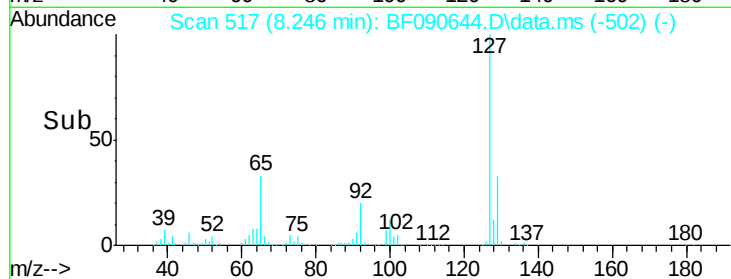
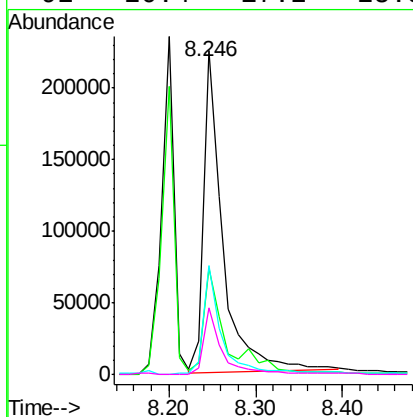
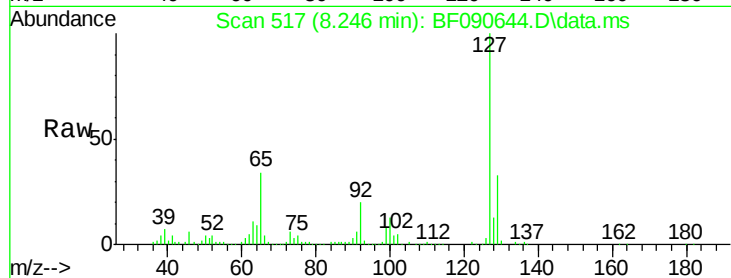




#33
4-Chloroaniline
Concen: 15.93 ng
RT: 8.246 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

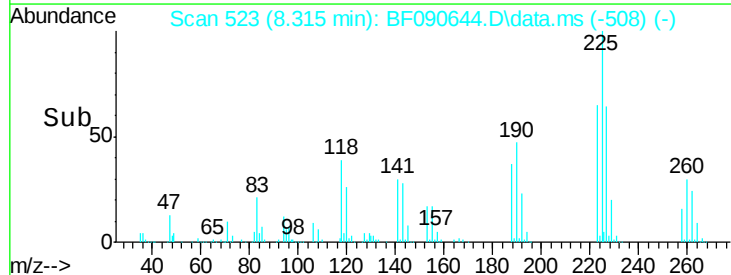
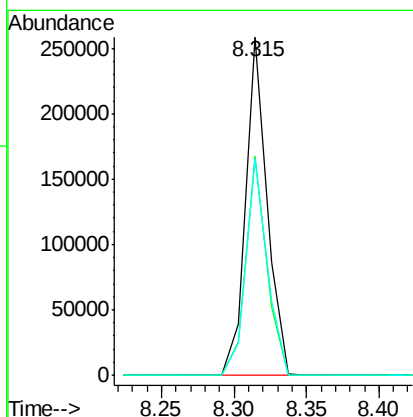
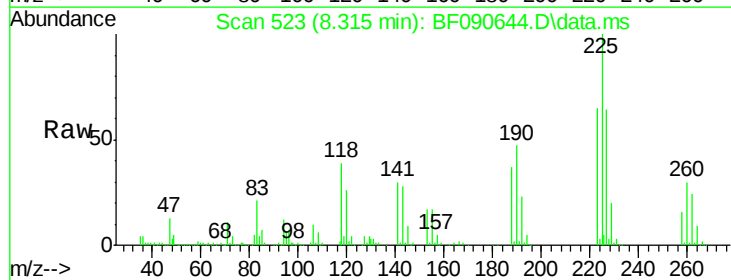
Instrument :
BNA_F
ClientSampleId :
PB94156BS

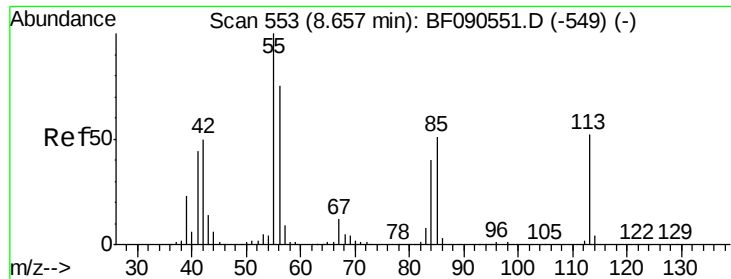
Tot Ion:	127	Resp:	340124
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	33.7	30.1	45.1
92	20.4	17.2	25.8



#34
Hexachlorobutadiene
Concen: 30.22 ng
RT: 8.315 min Scan# 523
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:	225	Resp:	264220
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.9	51.4	77.2





#35

Caprolactam

Concen: 29.80 ng

RT: 8.635 min Scan# 551

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

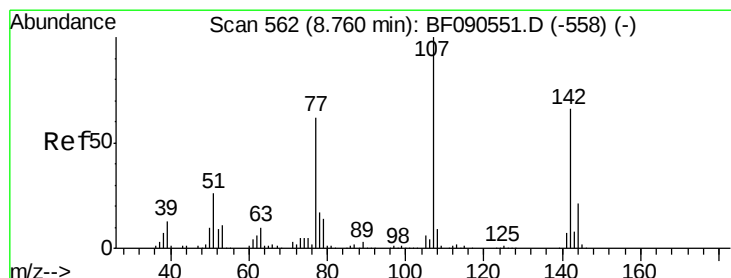
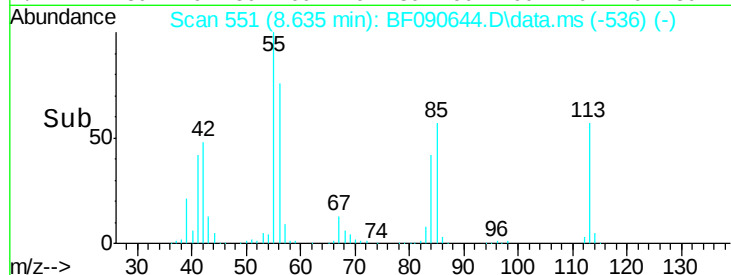
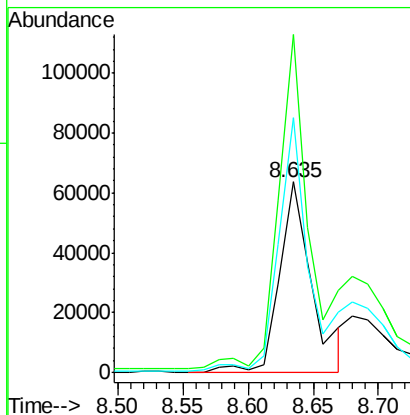
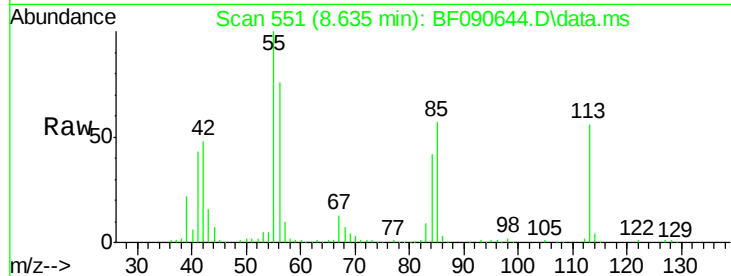
Tot Ion:113 Resp: 111139

Ion Ratio Lower Upper

113 100

55 177.6 170.8 210.8

56 134.2 122.4 162.4



#36

4-Chloro-3-methylphenol

Concen: 32.92 ng

RT: 8.737 min Scan# 560

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

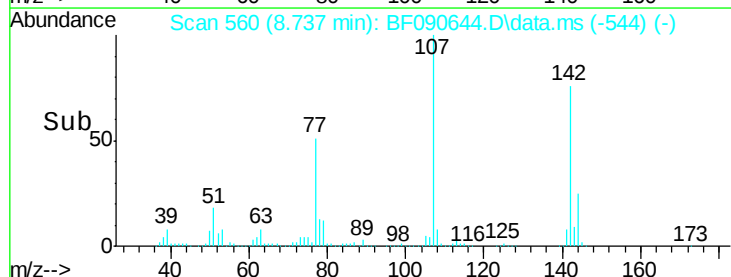
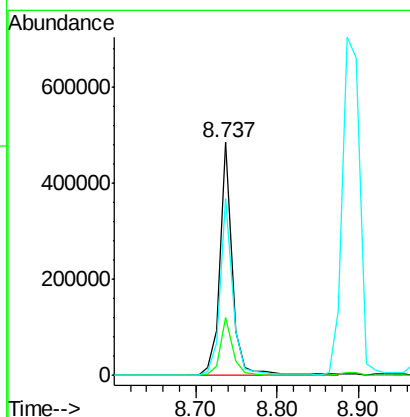
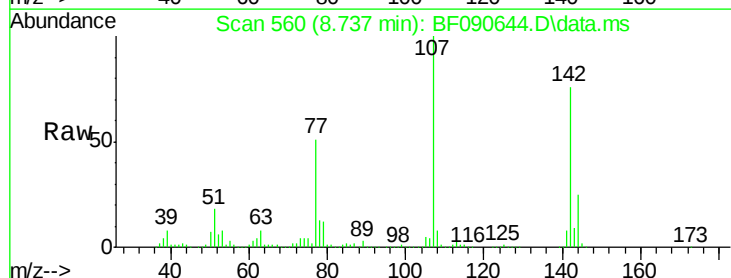
Tgt Ion:107 Resp: 507564

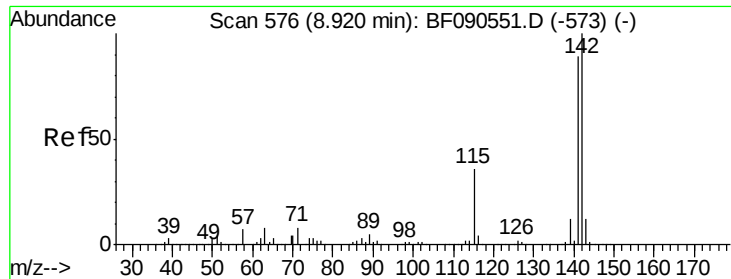
Ion Ratio Lower Upper

107 100

144 24.6 16.9 25.3

142 76.0 52.5 78.7

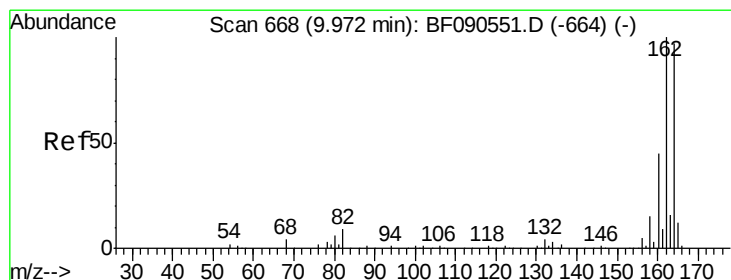
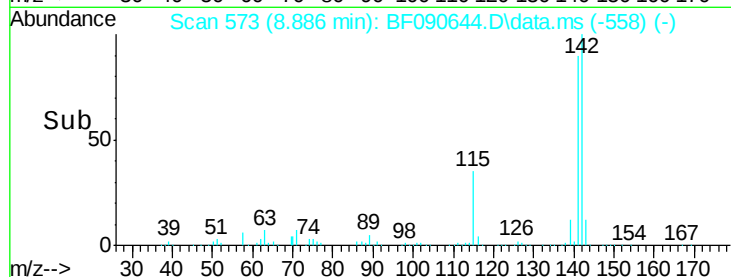
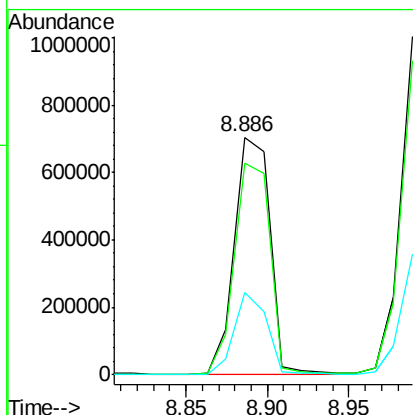
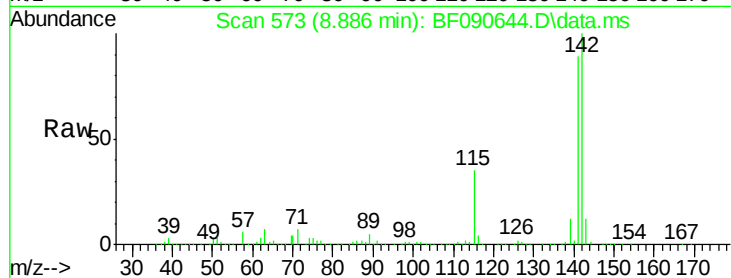




#37
2-Methylnaphthalene
Concen: 32.15 ng
RT: 8.886 min Scan# 57
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

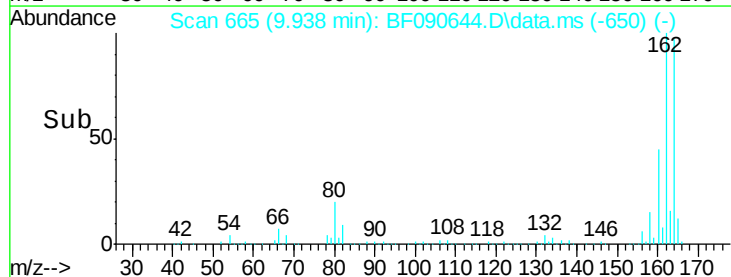
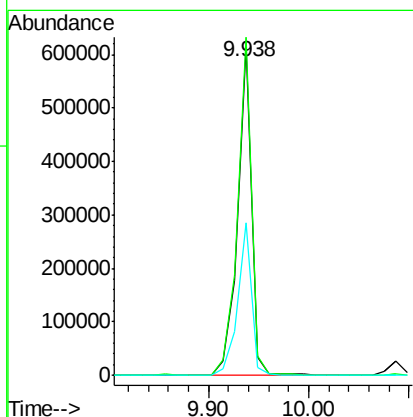
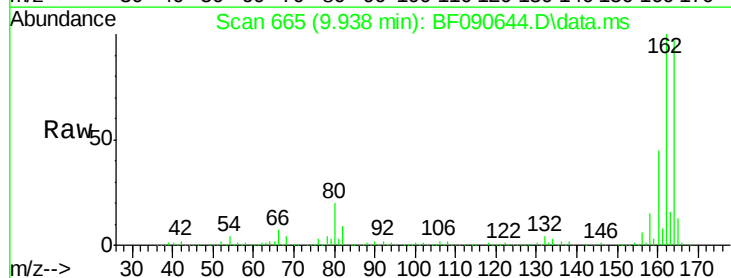
Instrument :
BNA_F
ClientSampleId :
PB94156BS

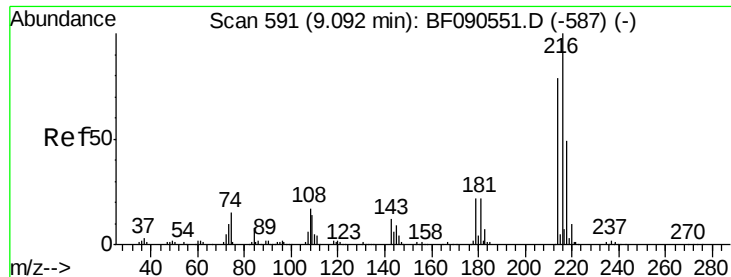
Tot Ion:142 Resp: 1054895
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 34.8 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.938 min Scan# 665
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:164 Resp: 594216
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.4
160 46.5 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.24 ng

RT: 9.057 min Scan# 58

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:216 Resp: 492242

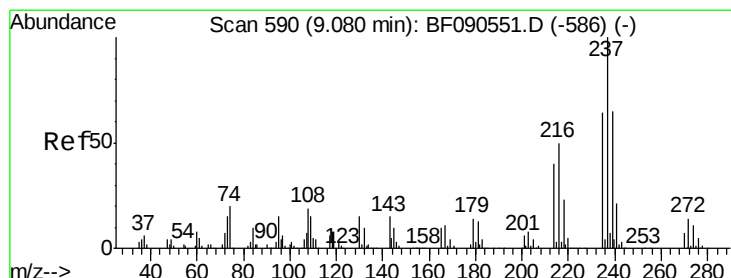
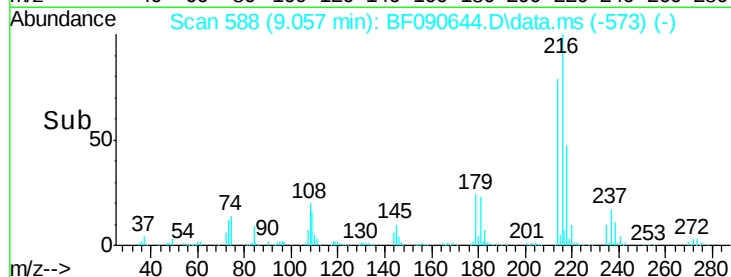
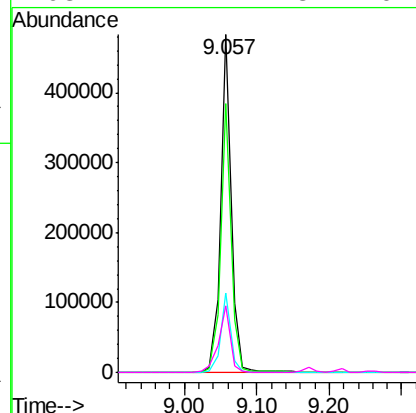
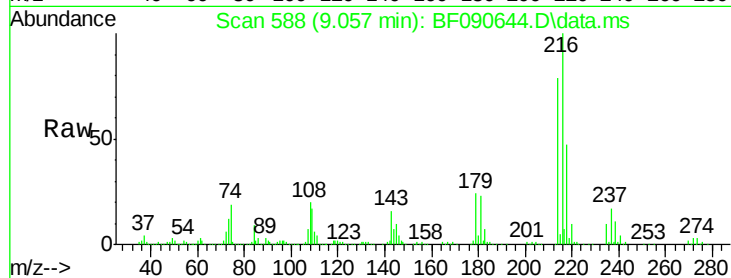
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 22.3 18.9 28.3

108 21.7 17.8 26.6



#40

Hexachlorocyclopentadiene

Concen: 78.15 ng

RT: 9.046 min Scan# 587

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

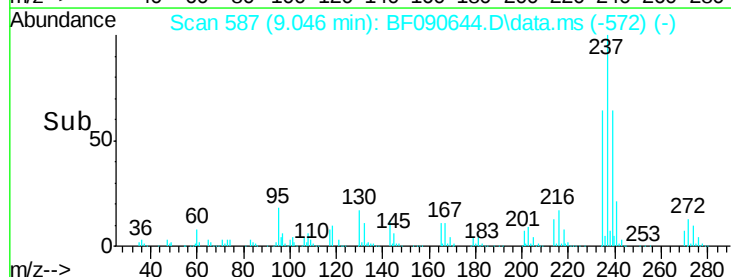
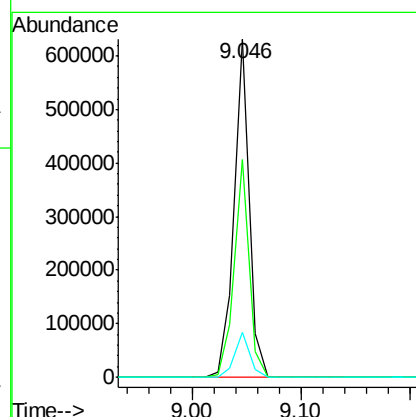
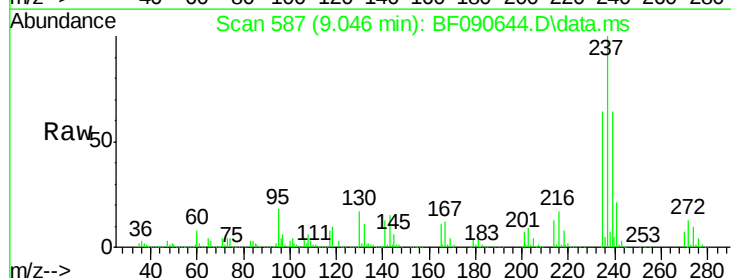
Tgt Ion:237 Resp: 601501

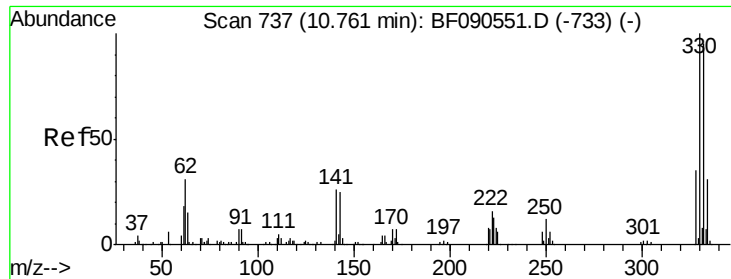
Ion Ratio Lower Upper

237 100

235 64.5 43.8 83.8

272 13.3 0.0 33.7

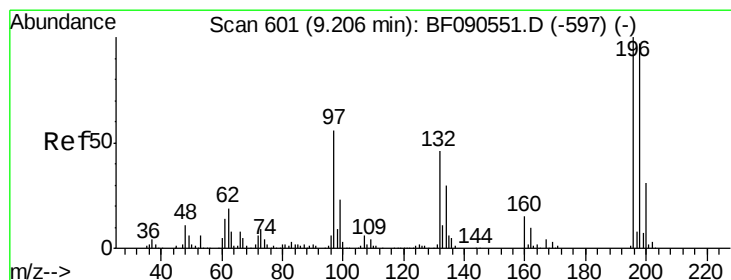
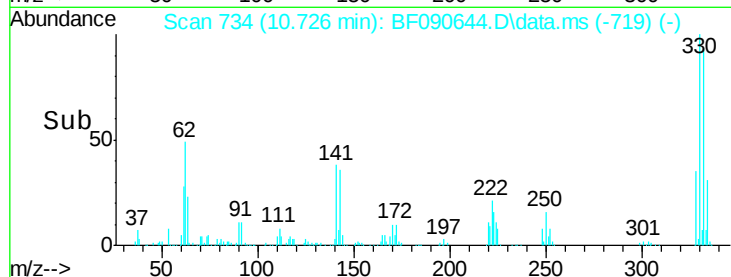
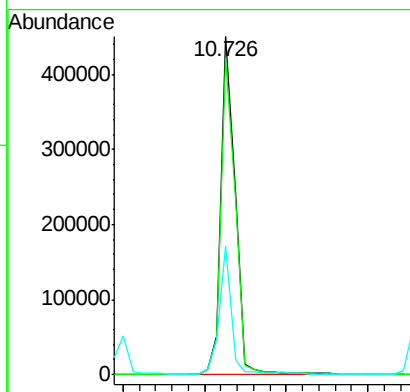
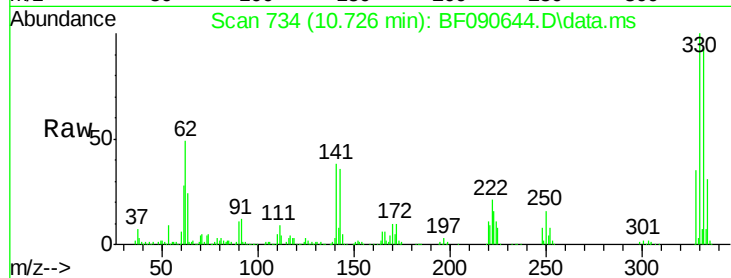




#41
 2,4,6-Tribromophenol
 Concen: 101.47 ng
 RT: 10.726 min Scan# 737
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

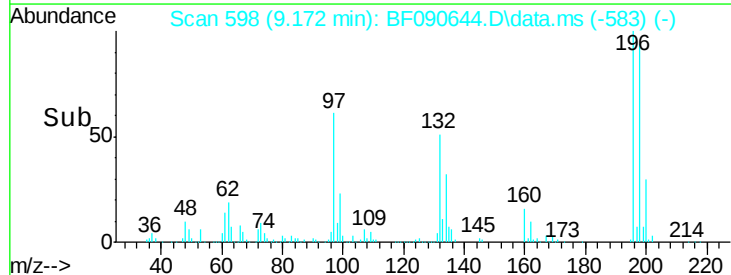
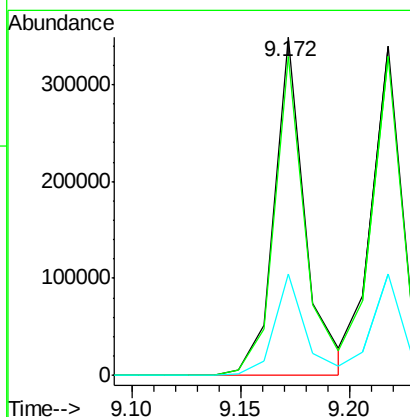
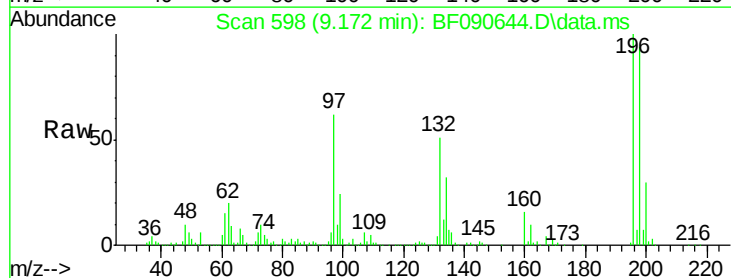
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

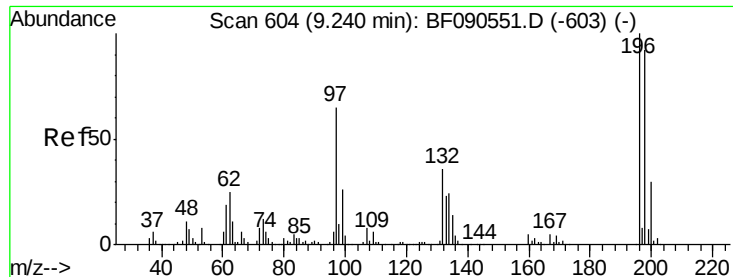
Tot Ion:330 Resp: 537544
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.2
 141 31.7 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.04 ng
 RT: 9.172 min Scan# 598
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:196 Resp: 346917
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.9 116.9
 200 29.9 25.1 37.7

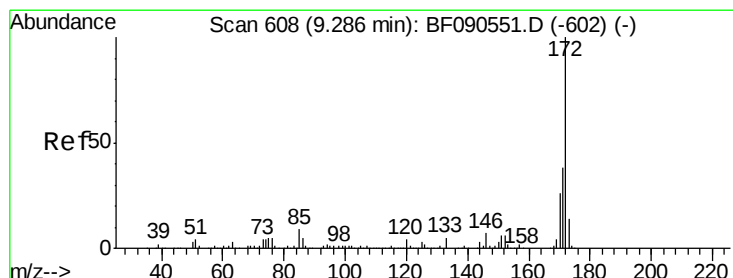
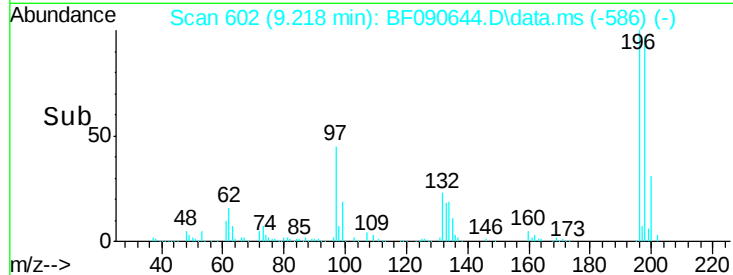
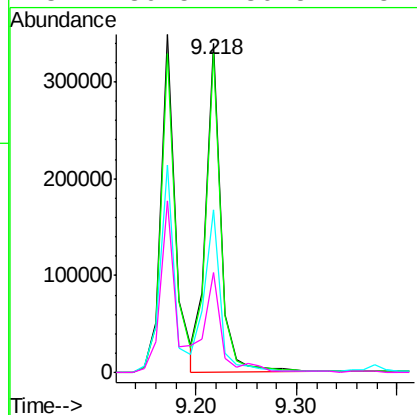
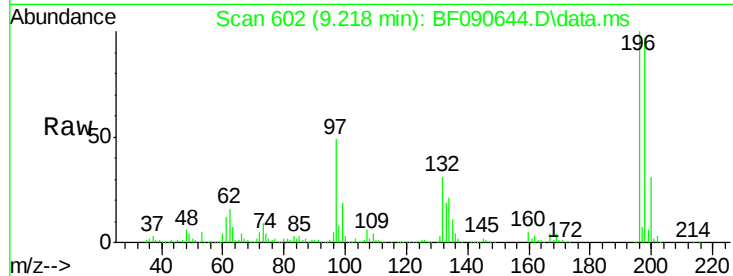




#43
 2,4,5-Trichlorophenol
 Concen: 33.02 ng
 RT: 9.218 min Scan# 60
 Delta R.T. -0.012 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

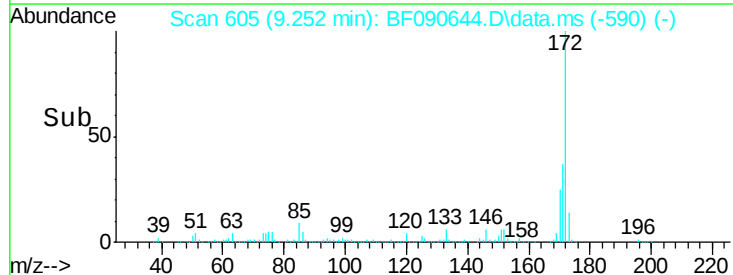
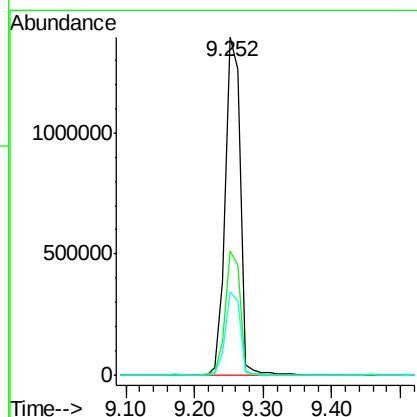
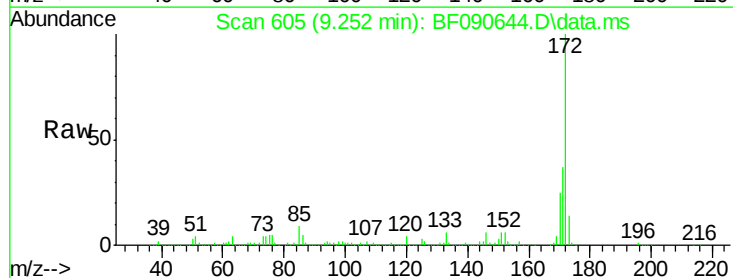
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

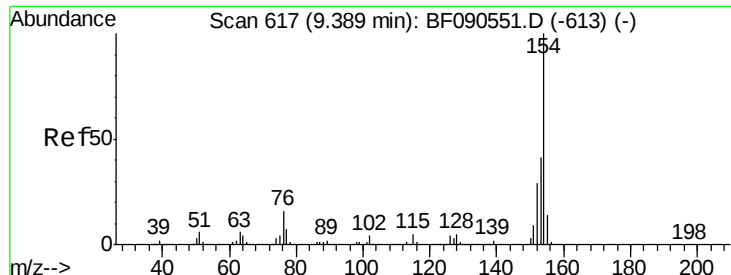
Tot Ion:196 Resp: 350082
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.0 111.0
 97 49.4 54.7 82.1#
 132 30.5 30.5 45.7



#44
 2-Fluorobiphenyl
 Concen: 60.71 ng
 RT: 9.252 min Scan# 605
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:172 Resp: 2189526
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 24.7 20.6 30.8





#45

1,1'-Biphenyl

Concen: 28.40 ng

RT: 9.355 min Scan# 61

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

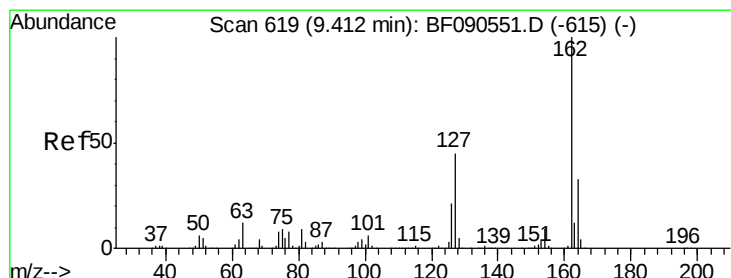
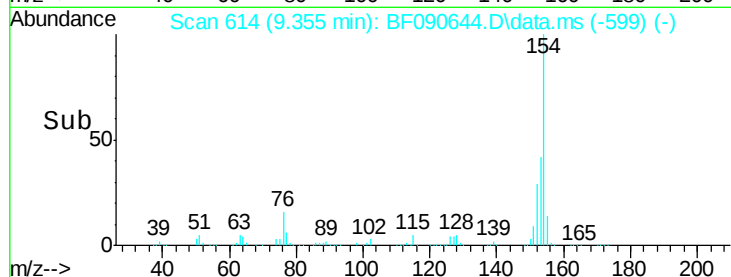
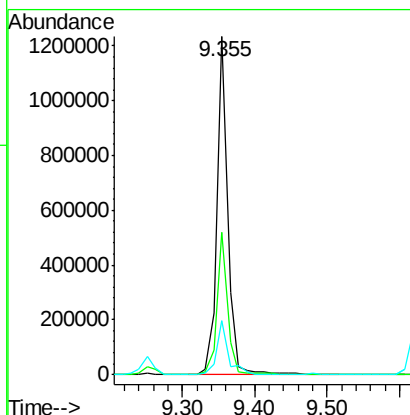
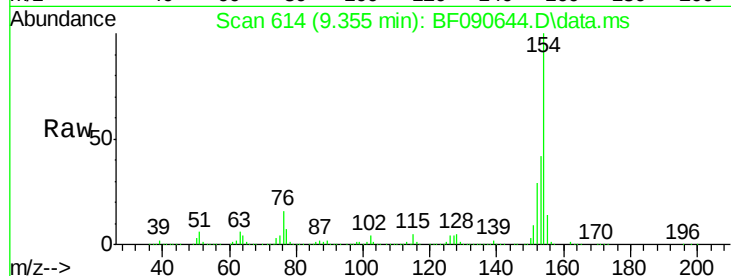
Tot Ion:154 Resp: 1284233

Ion Ratio Lower Upper

154 100

153 41.9 21.5 61.5

76 16.0 0.0 36.0



#46

2-Chloronaphthalene

Concen: 29.98 ng

RT: 9.378 min Scan# 616

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

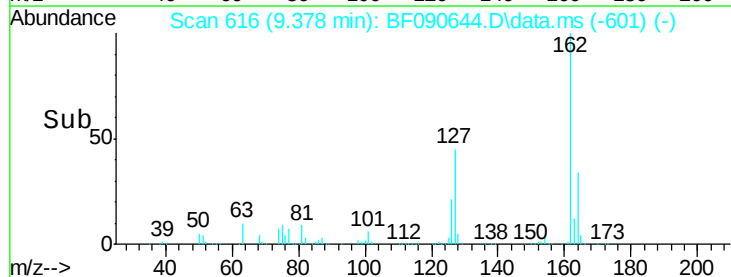
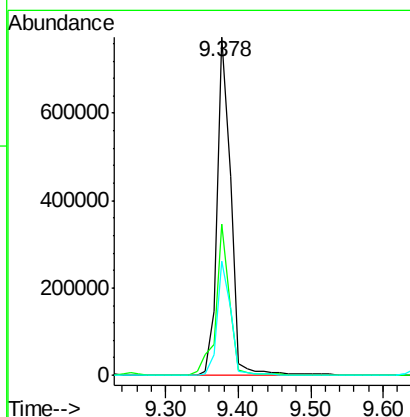
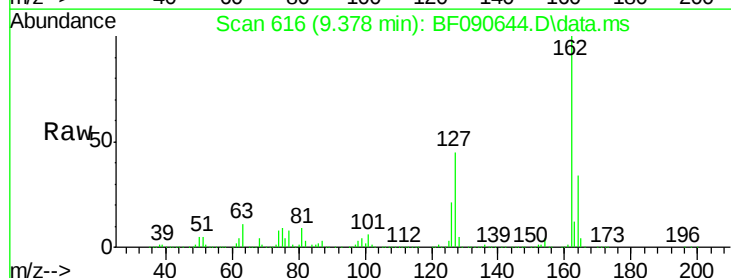
Tgt Ion:162 Resp: 1010802

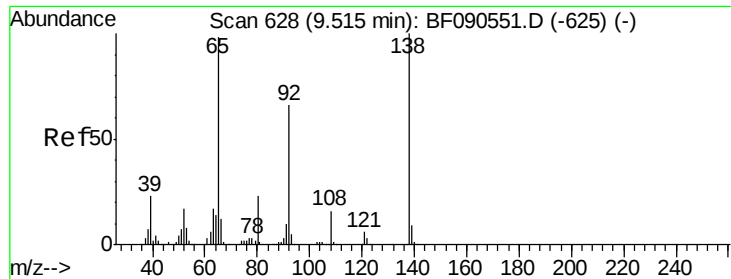
Ion Ratio Lower Upper

162 100

127 44.9 35.9 53.9

164 33.6 26.7 40.1





#47

2-Nitroaniline

Concen: 28.28 ng

RT: 9.480 min Scan# 62

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

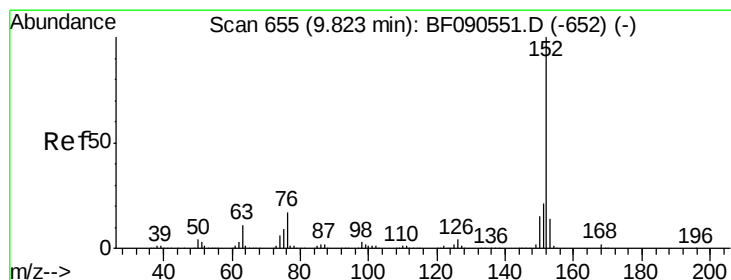
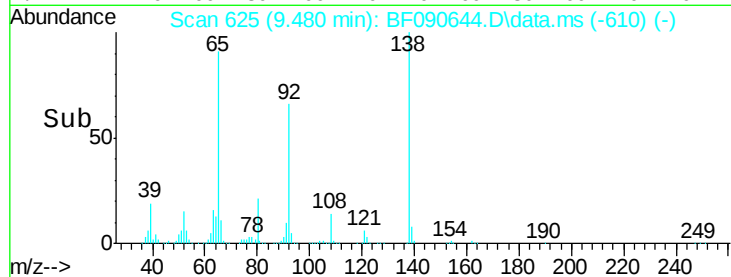
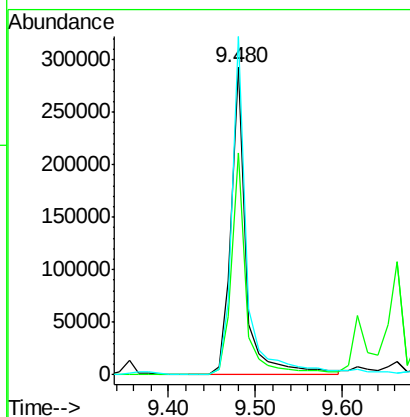
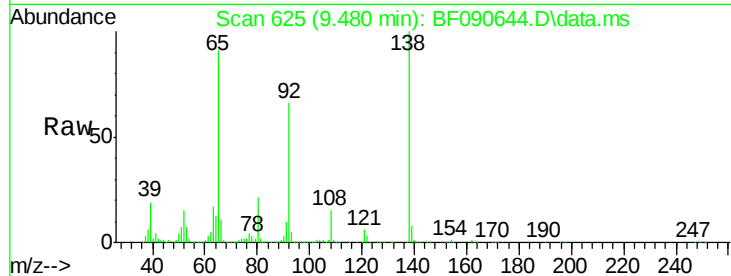
Tot Ion: 65 Resp: 345707

Ion Ratio Lower Upper

65 100

92 72.1 54.3 81.5

138 110.1 81.7 122.5



#48

Acenaphthylene

Concen: 31.79 ng

RT: 9.800 min Scan# 653

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

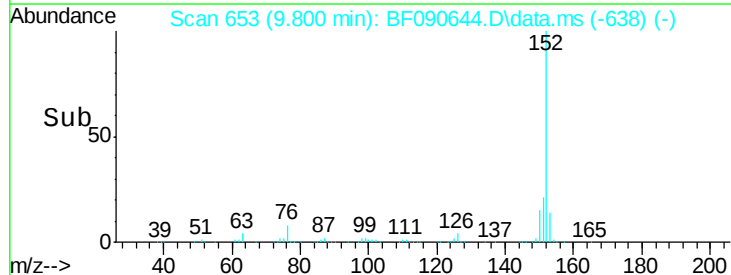
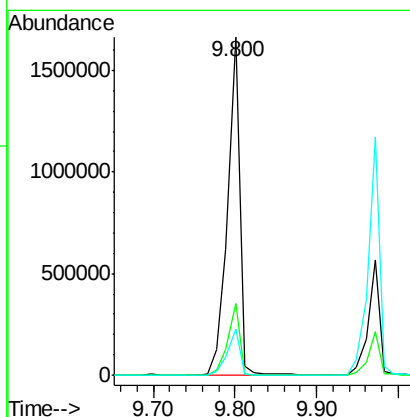
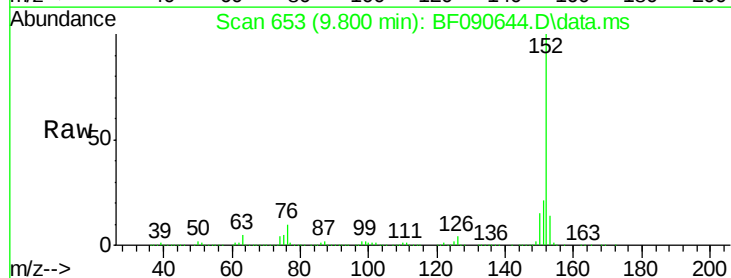
Tgt Ion: 152 Resp: 1706773

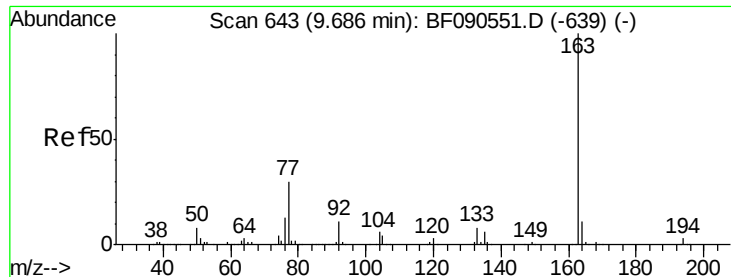
Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 33.17 ng

RT: 9.663 min Scan# 641

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

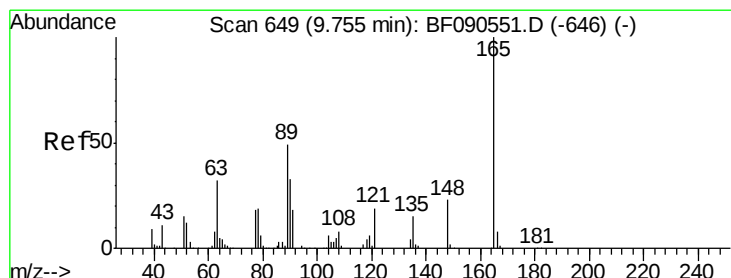
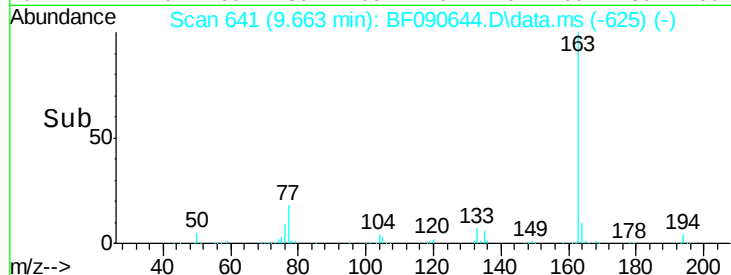
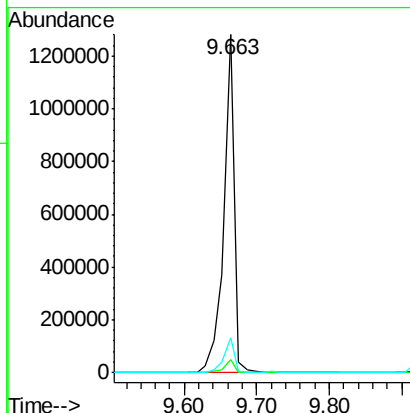
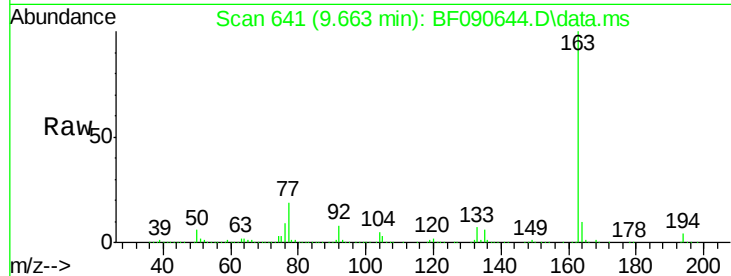
Tot Ion:163 Resp: 1278925

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

164 10.4 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 32.32 ng

RT: 9.720 min Scan# 646

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

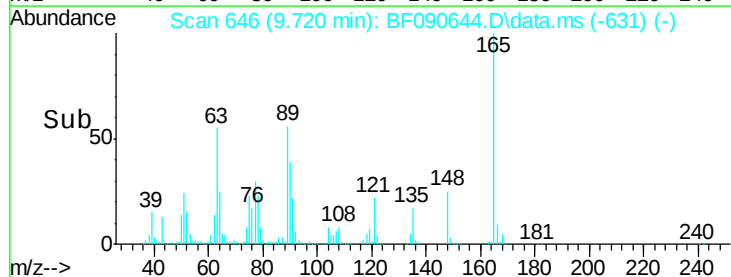
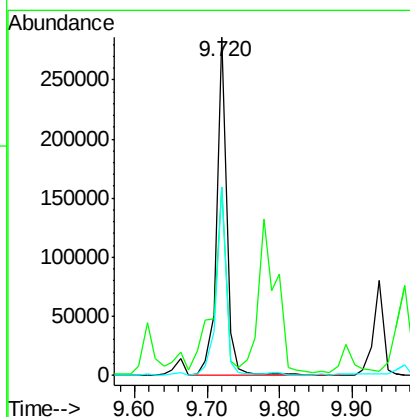
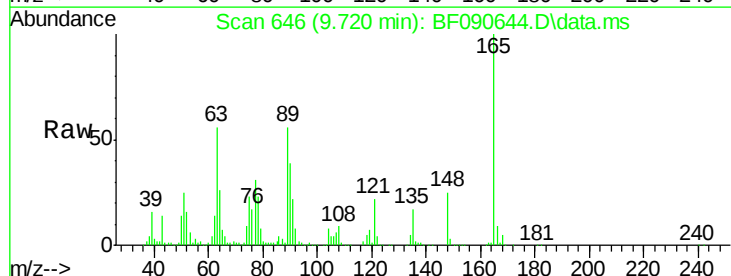
Tgt Ion:165 Resp: 272689

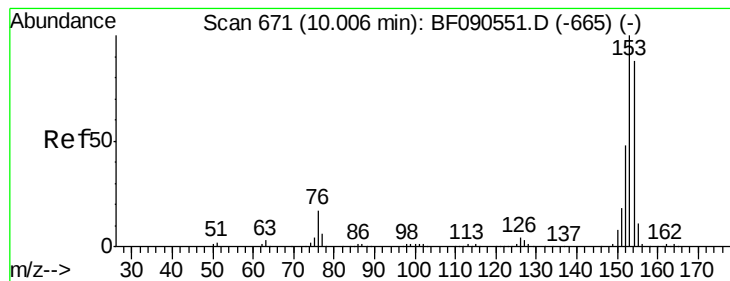
Ion Ratio Lower Upper

165 100

63 55.7 40.1 60.1

89 55.8 39.5 59.3





#51

Acenaphthene

Concen: 32.30 ng

RT: 9.972 min Scan# 661

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

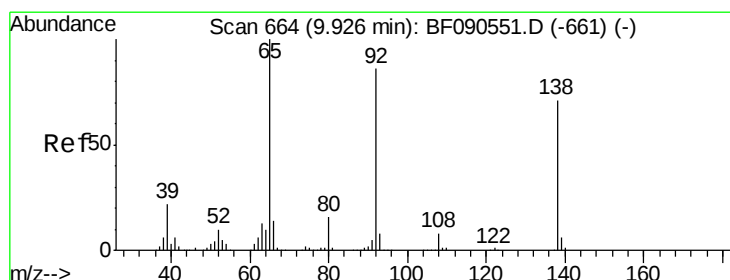
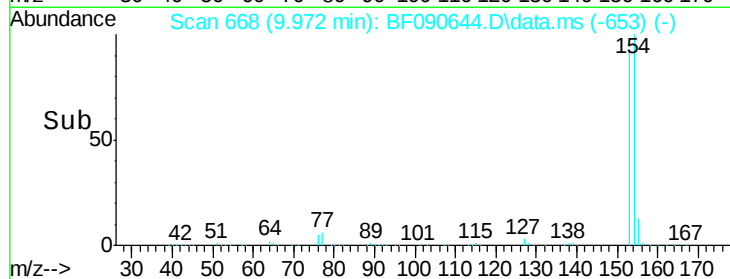
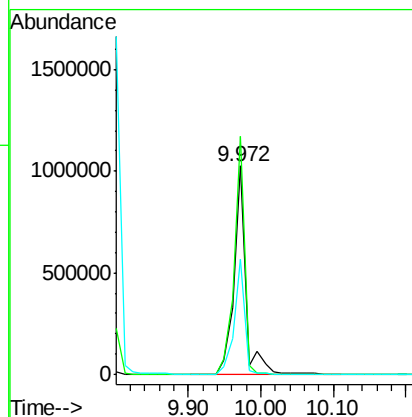
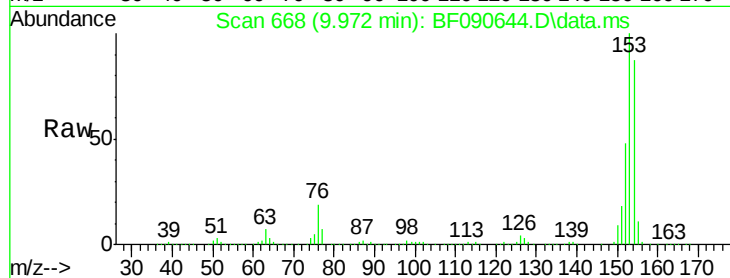
Tot Ion:154 Resp: 1152479

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

152 55.3 44.0 66.0



#52

3-Nitroaniline

Concen: 19.20 ng

RT: 9.892 min Scan# 661

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

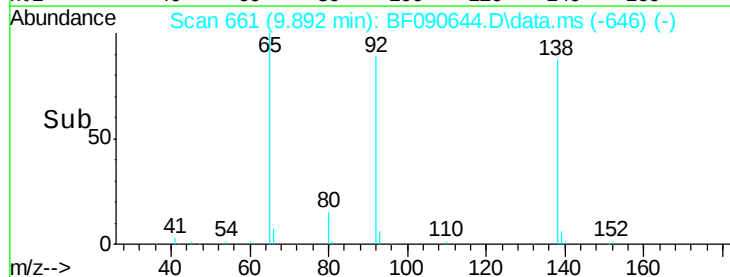
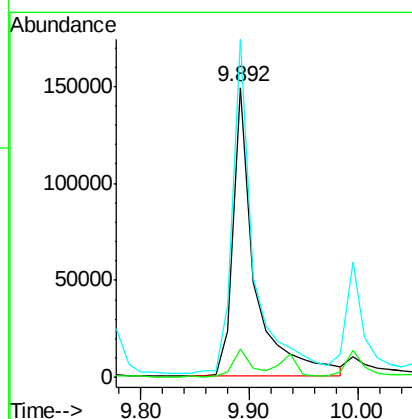
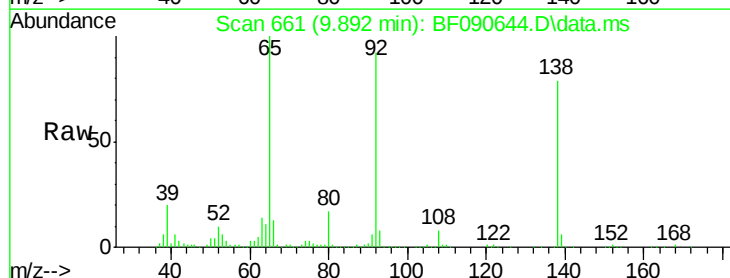
Tgt Ion:138 Resp: 203210

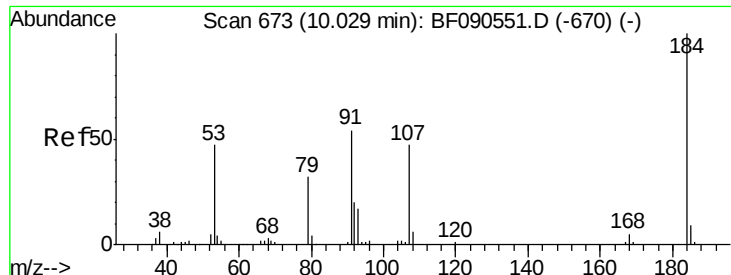
Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 116.7 97.8 146.8

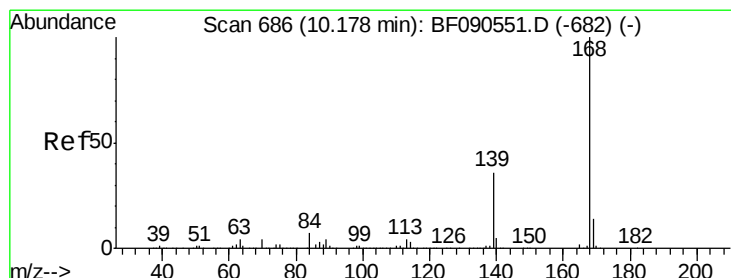
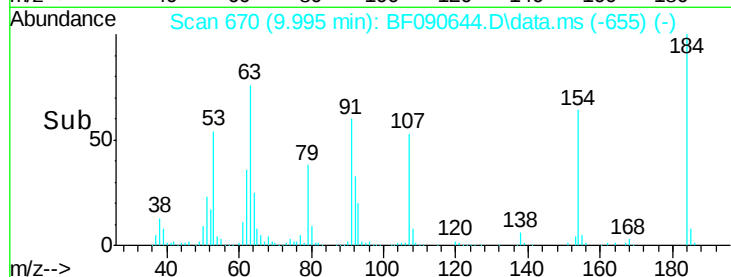
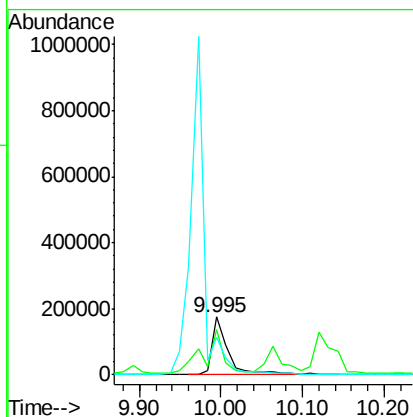
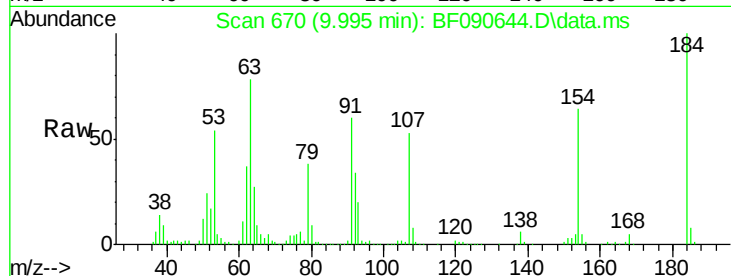




#53
 2,4-Dinitrophenol
 Concen: 55.14 ng
 RT: 9.995 min Scan# 67
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

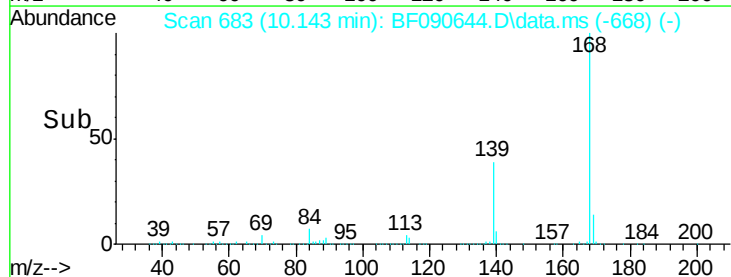
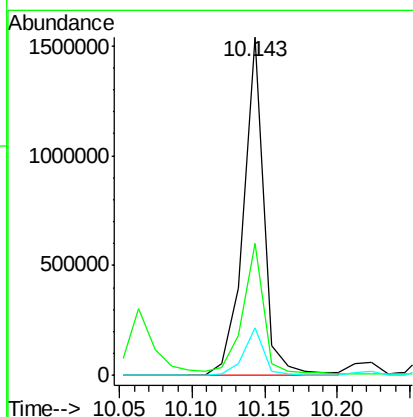
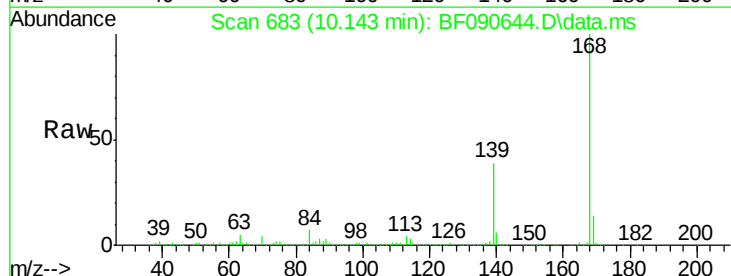
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

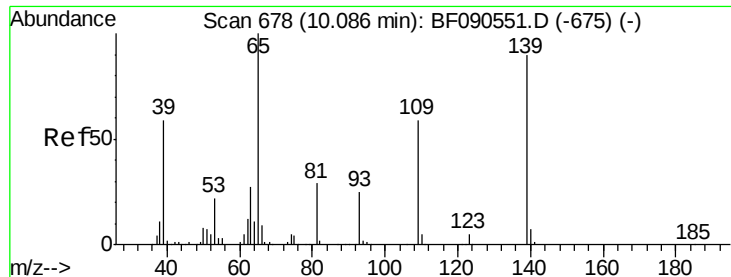
Tot Ion:184 Resp: 243829
 Ion Ratio Lower Upper
 184 100
 63 78.5 60.2 90.2
 154 63.9 86.1 129.1#



#54
 Dibenzofuran
 Concen: 32.11 ng
 RT: 10.143 min Scan# 683
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:168 Resp: 1507142
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.5 45.7
 169 13.9 10.9 16.3

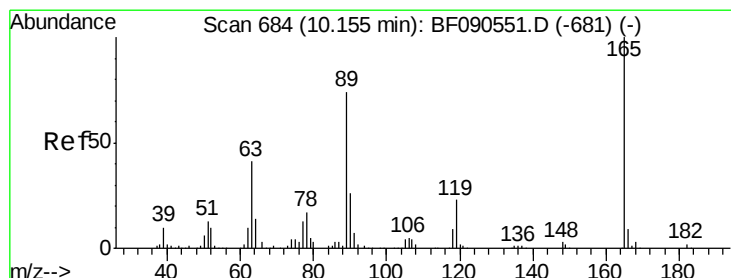
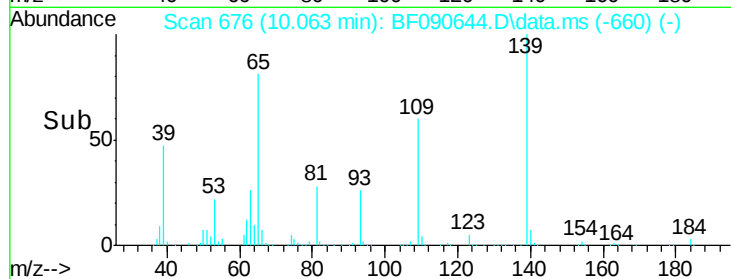
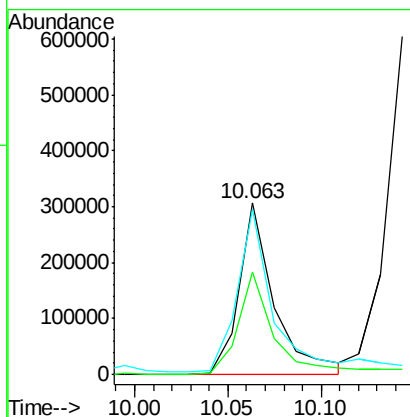
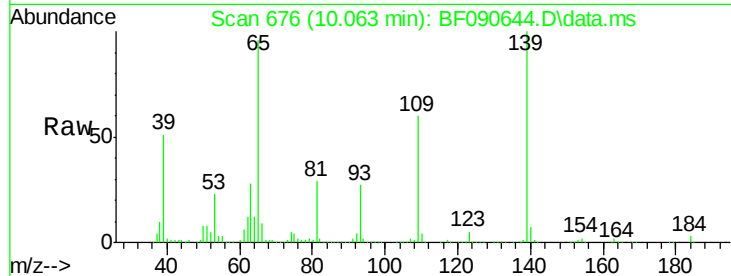




#55
4-Nitrophenol
Concen: 63.28 ng
RT: 10.063 min Scan# 67
Delta R.T. -0.012 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

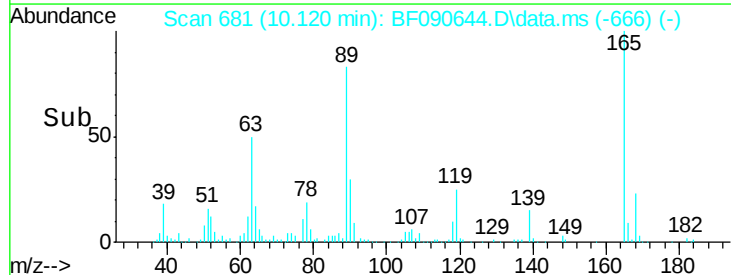
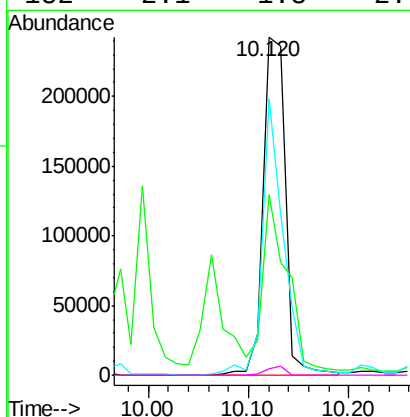
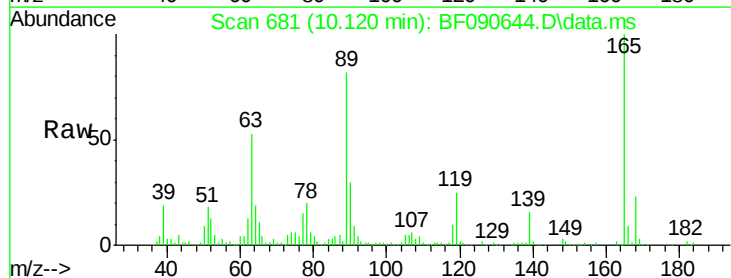
Instrument :
BNA_F
ClientSampleId :
PB94156BS

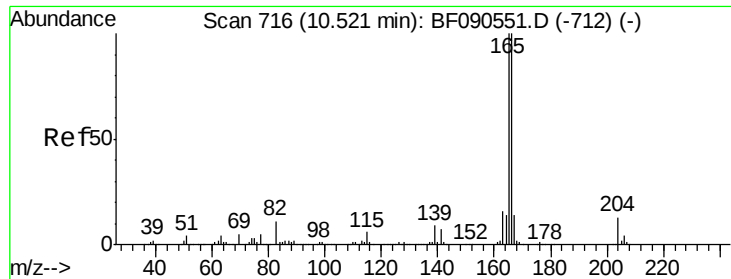
Tot Ion:139 Resp: 403116
Ion Ratio Lower Upper
139 100
109 59.9 45.9 85.9
65 96.3 95.8 135.8



#56
2,4-Dinitrotoluene
Concen: 32.31 ng
RT: 10.120 min Scan# 681
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:165 Resp: 370229
Ion Ratio Lower Upper
165 100
63 53.5 35.4 53.0#
89 81.9 59.0 88.4
182 2.1 1.8 2.6





#57

Fluorene

Concen: 31.13 ng

RT: 10.486 min Scan# 71

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

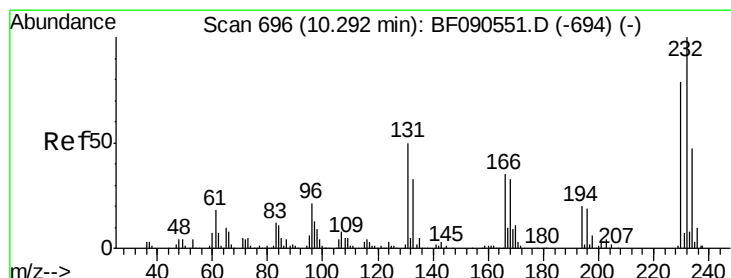
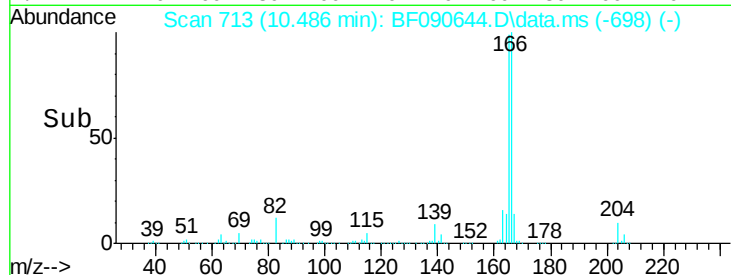
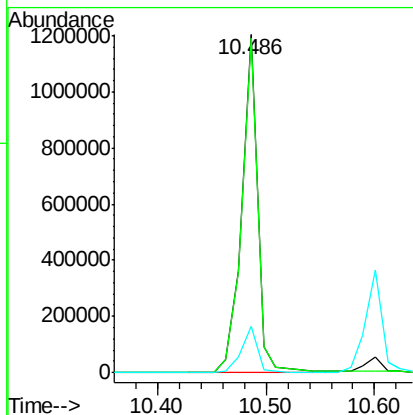
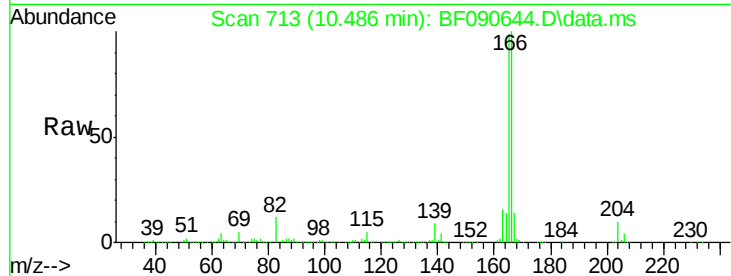
Tot Ion:166 Resp: 1205360

Ion Ratio Lower Upper

166 100

165 99.0 79.9 119.9

167 13.8 10.9 16.3



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.31 ng

RT: 10.258 min Scan# 693

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion:232 Resp: 294120

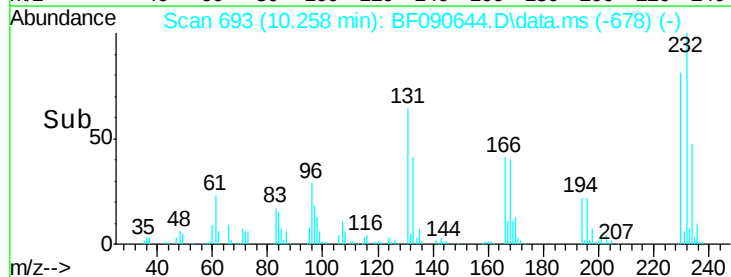
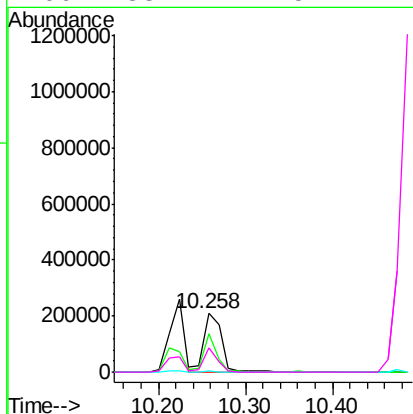
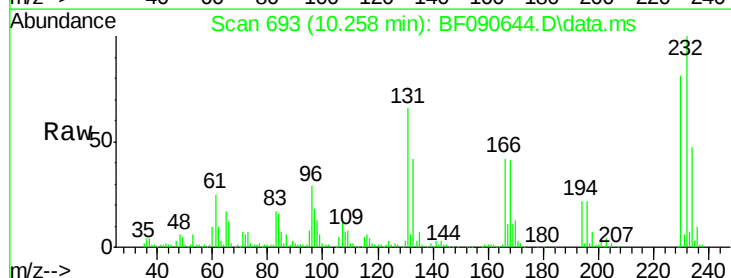
Ion Ratio Lower Upper

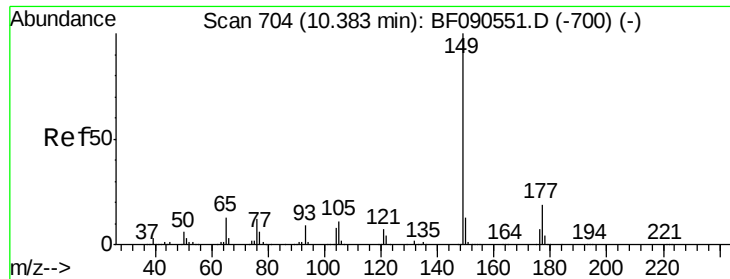
232 100

131 48.9 42.6 64.0

130 2.2 1.8 2.8

166 33.2 27.5 41.3





#59

Diethylphthalate

Concen: 31.76 ng

RT: 10.360 min Scan# 70

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

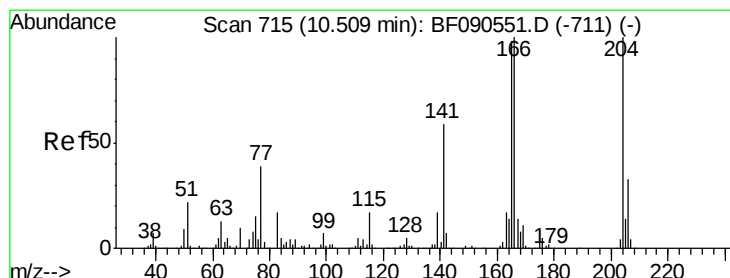
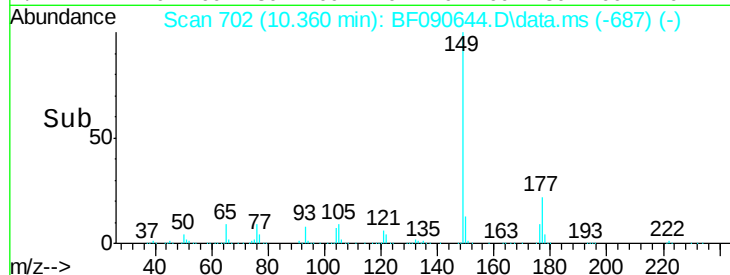
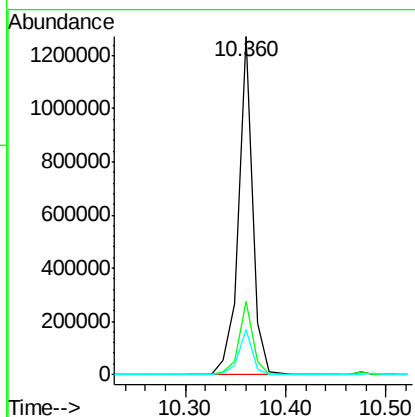
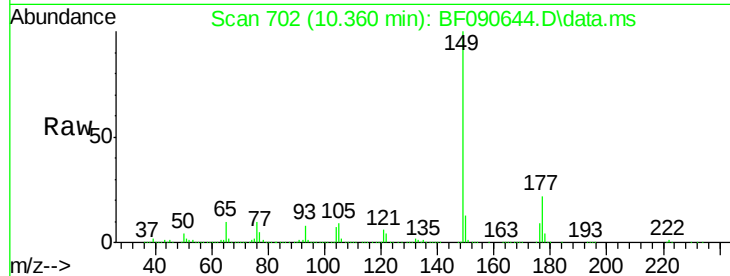
Tot Ion:149 Resp: 1241960

Ion Ratio Lower Upper

149 100

177 21.6 15.3 22.9

150 13.1 10.3 15.5



#60

4-Chlorophenyl-phenylether

Concen: 30.74 ng

RT: 10.475 min Scan# 712

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

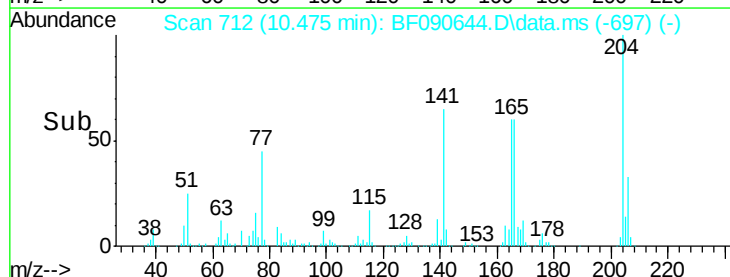
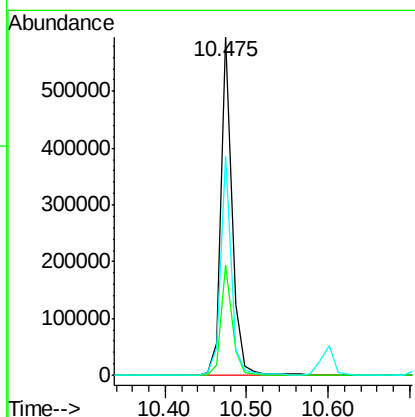
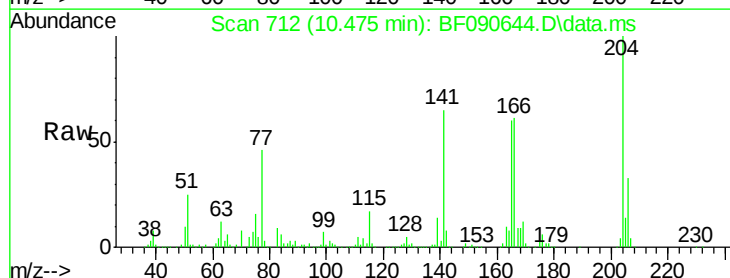
Tgt Ion:204 Resp: 561063

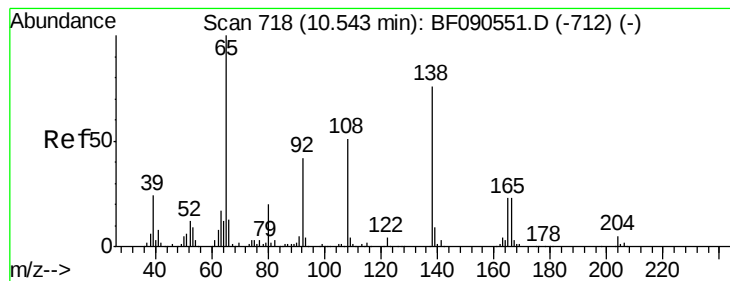
Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

141 64.8 47.2 70.8





#61

4-Nitroaniline

Concen: 25.59 ng

RT: 10.509 min Scan# 71

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

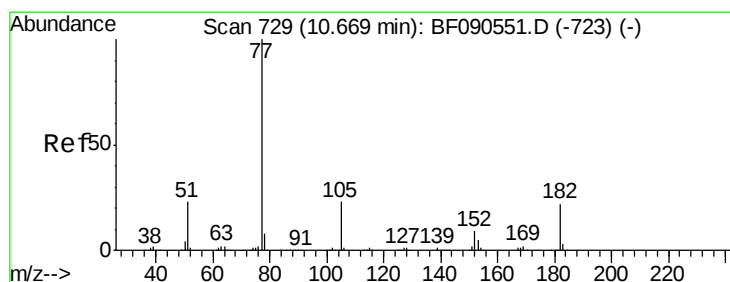
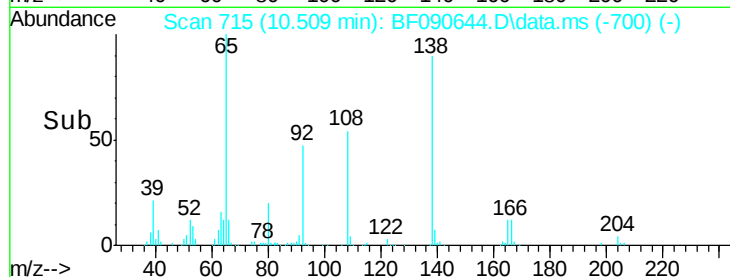
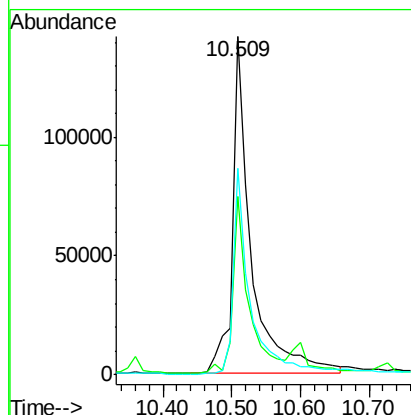
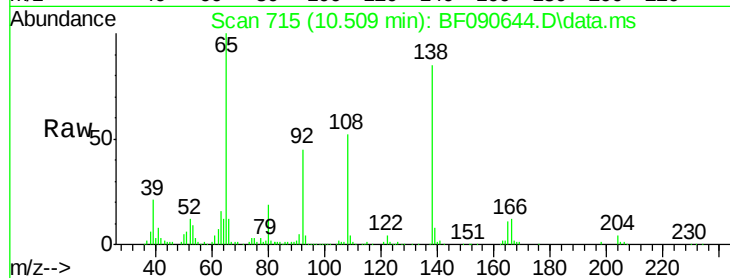
Tot Ion:138 Resp: 271676

Ion Ratio Lower Upper

138 100

92 52.8 35.7 75.7

108 60.9 46.9 86.9



#62

Azobenzene

Concen: 28.48 ng

RT: 10.635 min Scan# 726

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion: 77 Resp: 1288227

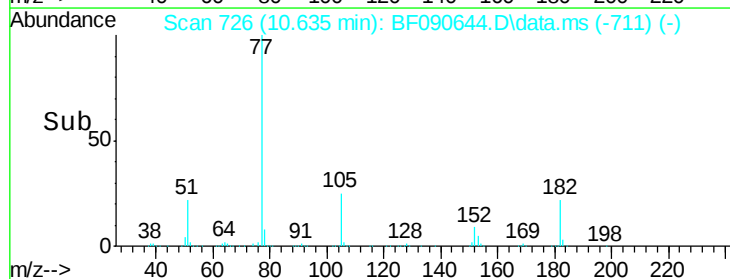
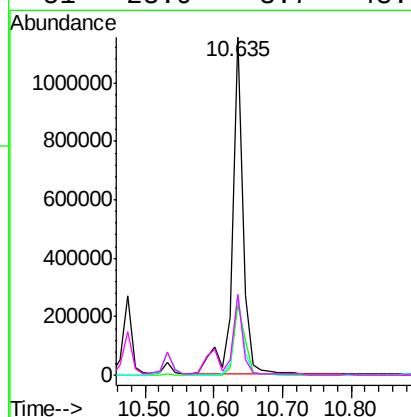
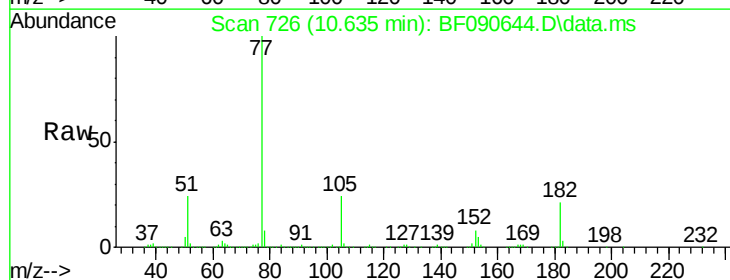
Ion Ratio Lower Upper

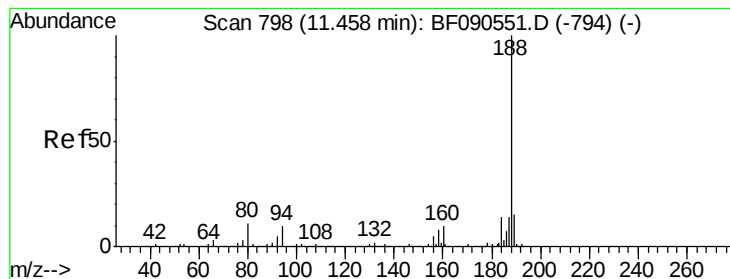
77 100

182 20.9 2.2 42.2

105 24.0 3.5 43.5

51 23.9 3.7 43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.423 min Scan# 79

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

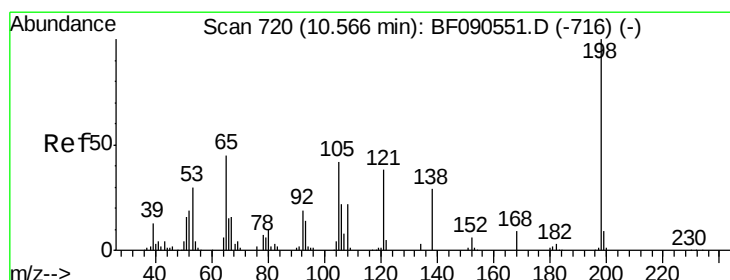
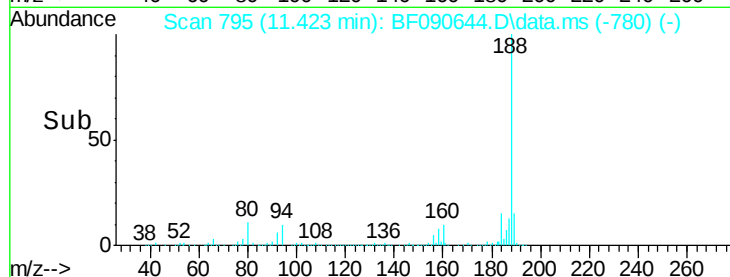
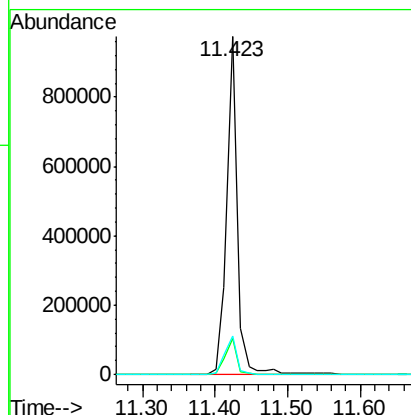
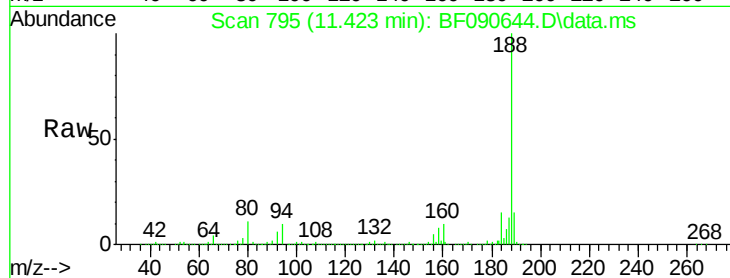
Tot Ion:188 Resp: 999595

Ion Ratio Lower Upper

188 100

94 10.5 7.7 11.5

80 11.4 8.6 12.8



#64

4,6-Dinitro-2-methylphenol

Concen: 29.10 ng

RT: 10.532 min Scan# 717

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

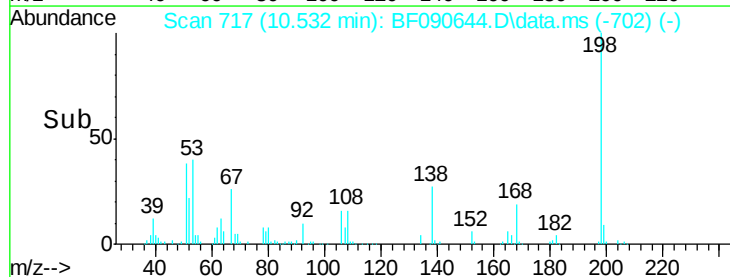
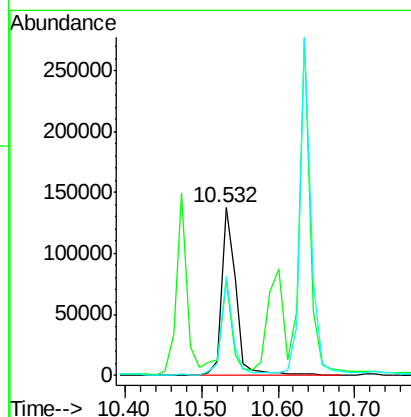
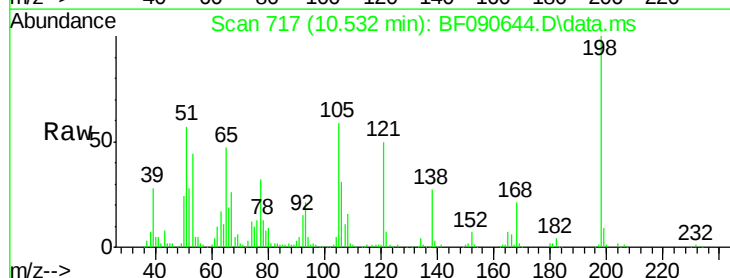
Tgt Ion:198 Resp: 176028

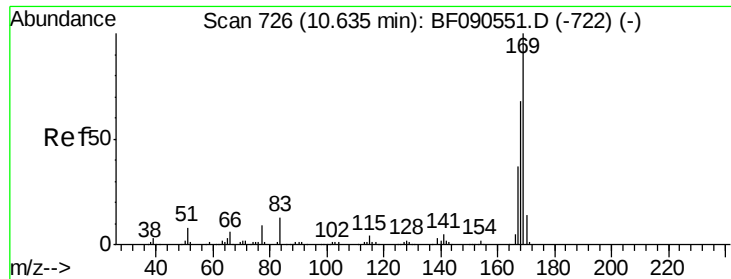
Ion Ratio Lower Upper

198 100

51 56.7 19.7 59.7

105 58.9 22.6 62.6

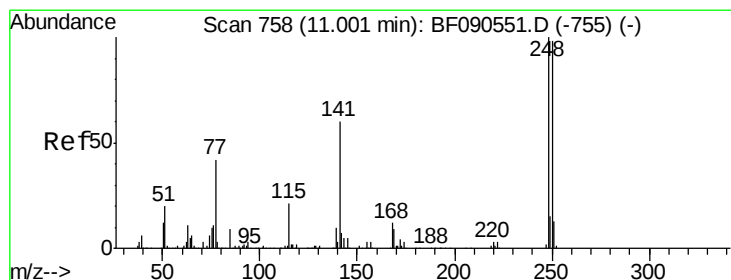
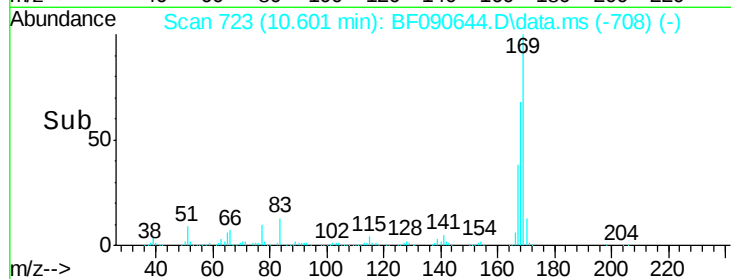
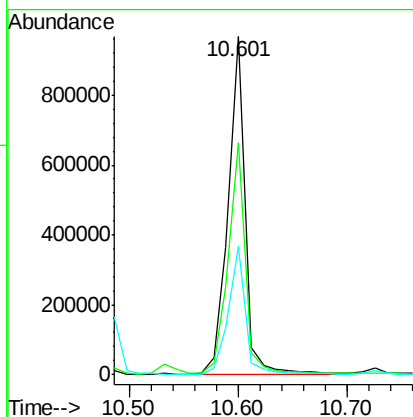
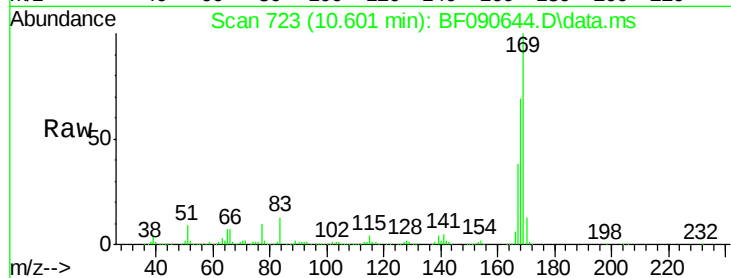




#65
 n-Nitrosodiphenylamine
 Concen: 31.84 ng
 RT: 10.601 min Scan# 72
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

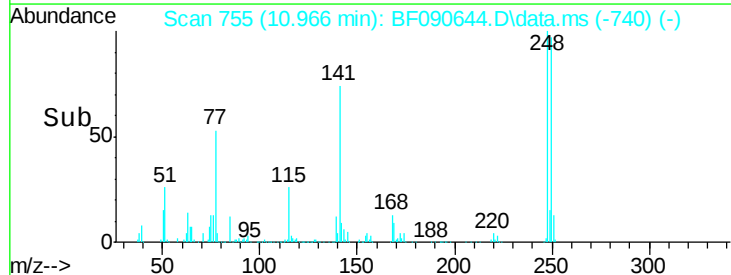
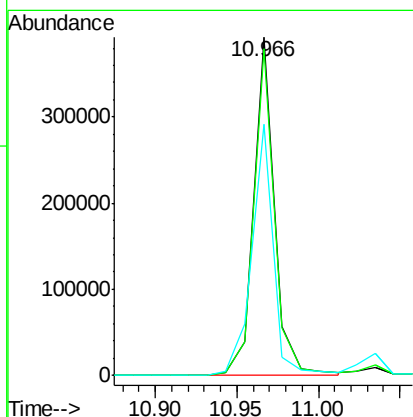
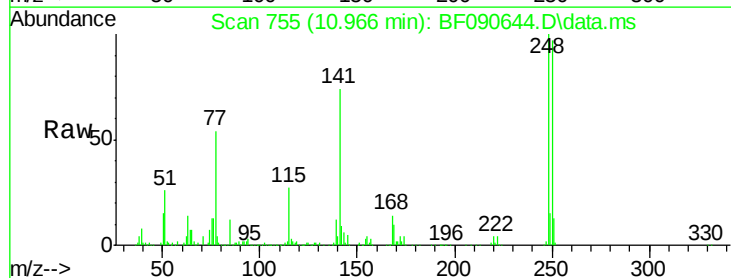
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

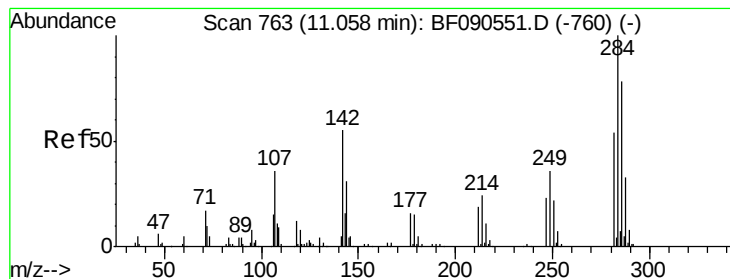
Tot Ion:169 Resp: 1051221
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.6 81.8
 167 37.9 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 32.44 ng
 RT: 10.966 min Scan# 755
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:248 Resp: 347957
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.4 117.6
 141 74.3 48.4 72.6#





#67

Hexachlorobenzene

Concen: 34.91 ng

RT: 11.035 min Scan# 761

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

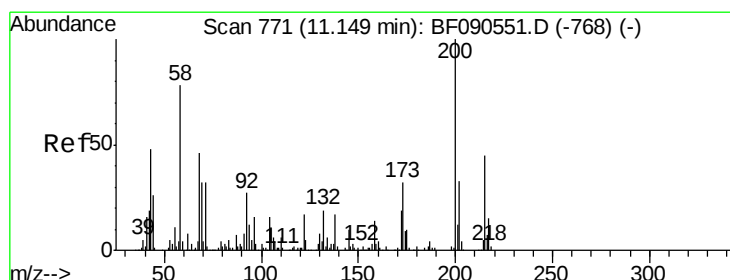
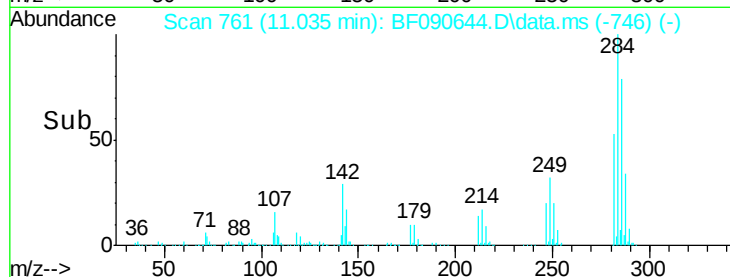
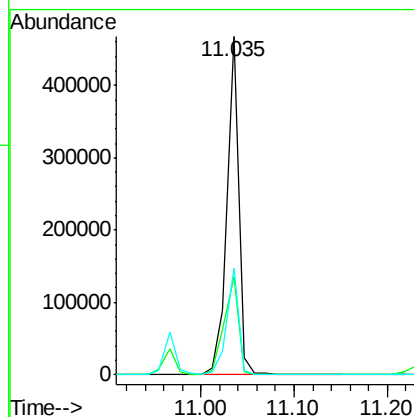
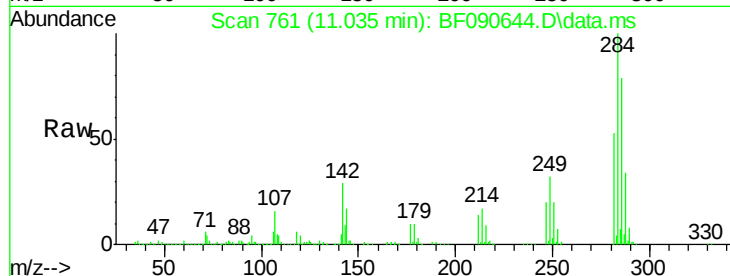
Tot Ion:284 Resp: 406537

Ion Ratio Lower Upper

284 100

142 29.0 44.5 66.7#

249 31.5 29.6 44.4



#68

Atrazine

Concen: 33.17 ng

RT: 11.126 min Scan# 769

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

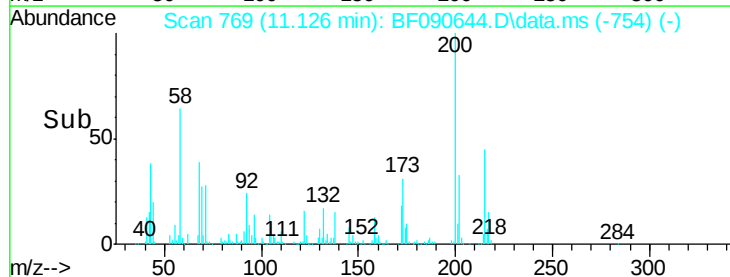
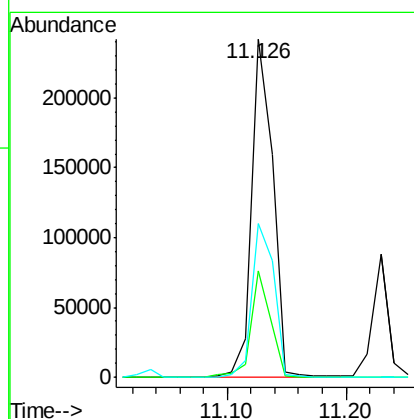
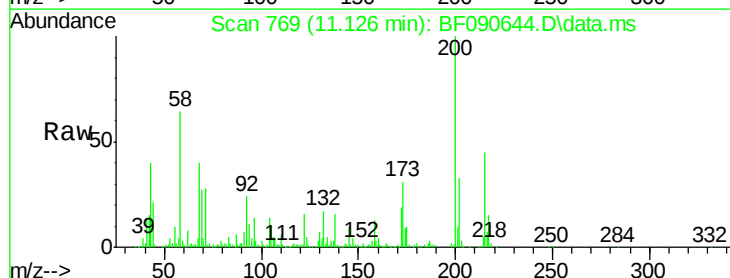
Tgt Ion:200 Resp: 302897

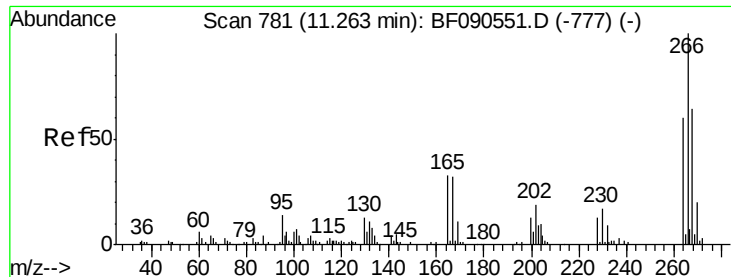
Ion Ratio Lower Upper

200 100

173 31.4 12.0 52.0

215 45.5 25.2 65.2

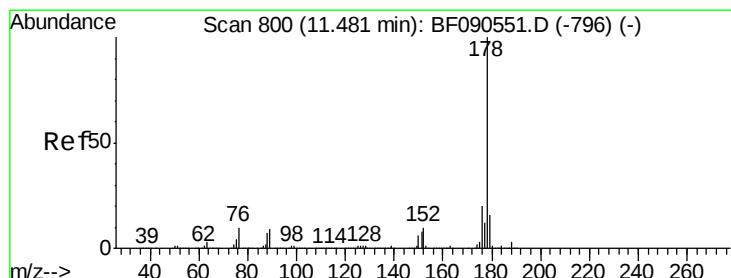
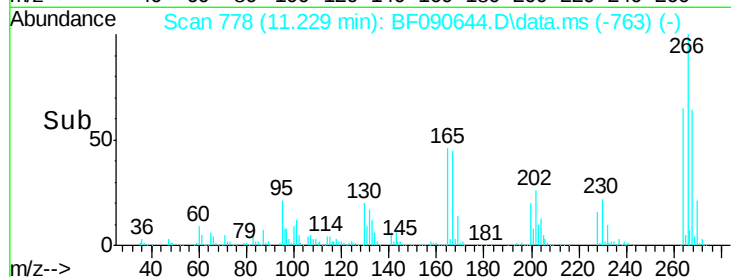
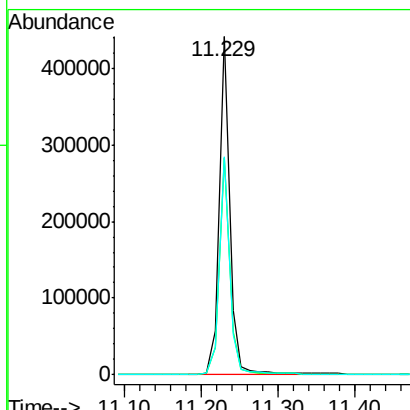
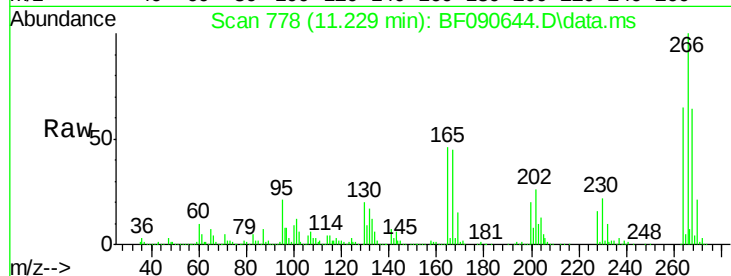




#69
 Pentachlorophenol
 Concen: 73.74 ng
 RT: 11.229 min Scan# 77
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

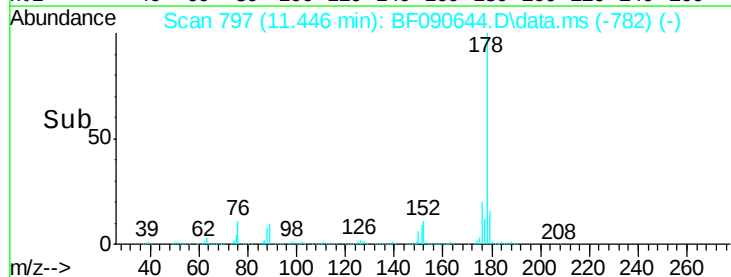
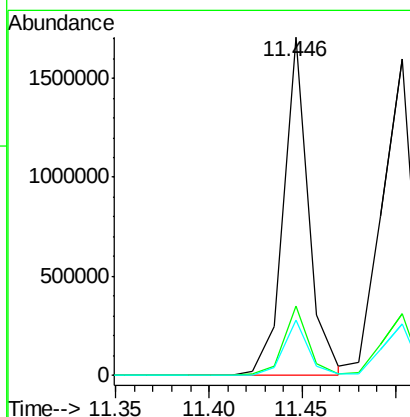
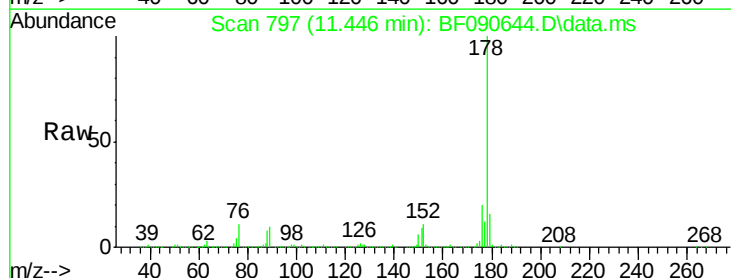
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

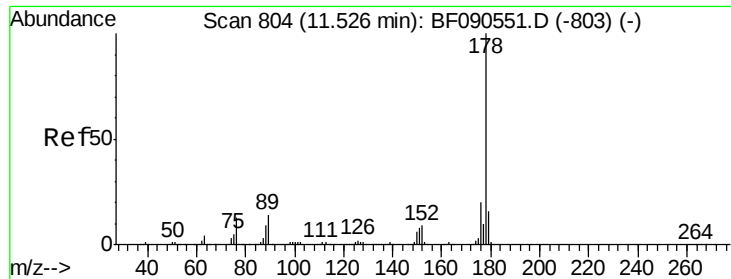
Tot Ion:266 Resp: 425582
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.5 77.3
 264 64.5 47.9 71.9



#70
 Phenanthrene
 Concen: 29.91 ng
 RT: 11.446 min Scan# 797
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:178 Resp: 1596084
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.1 24.1
 179 16.2 12.6 19.0

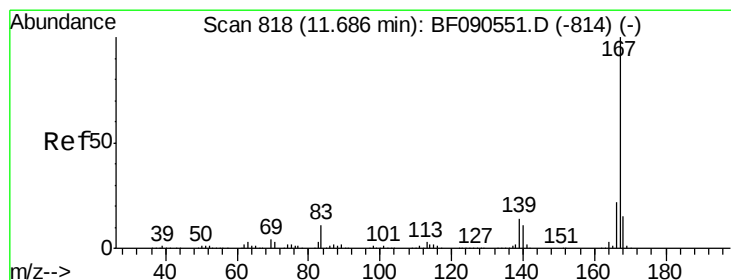
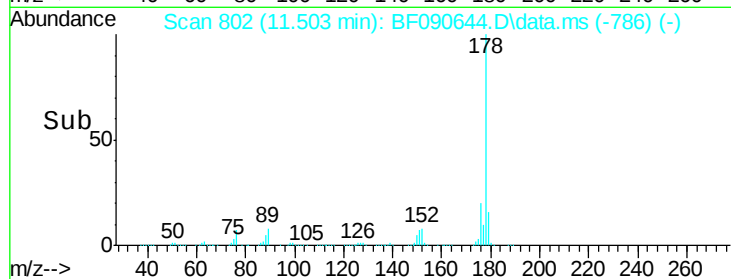
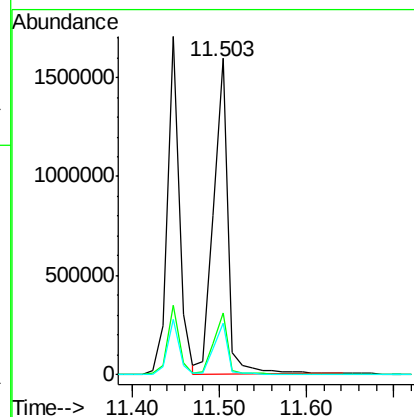
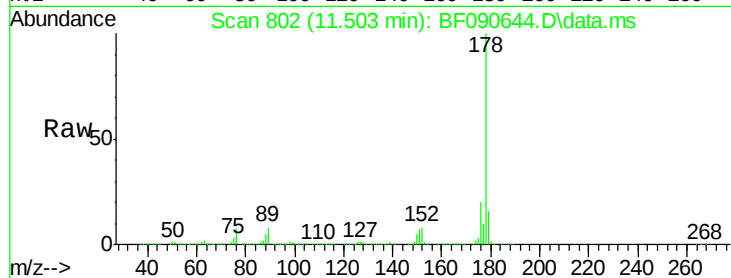




#71
 Anthracene
 Concen: 32.43 ng
 RT: 11.503 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

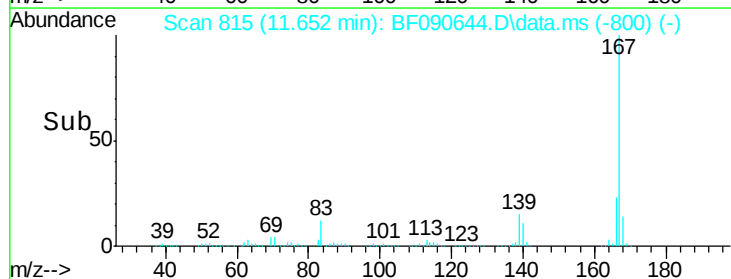
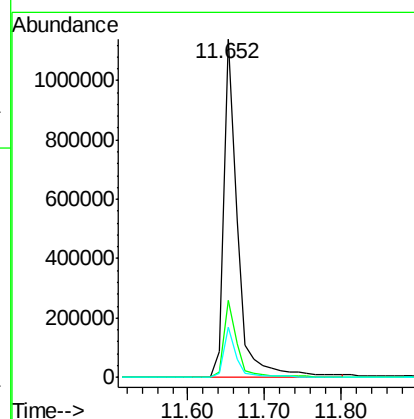
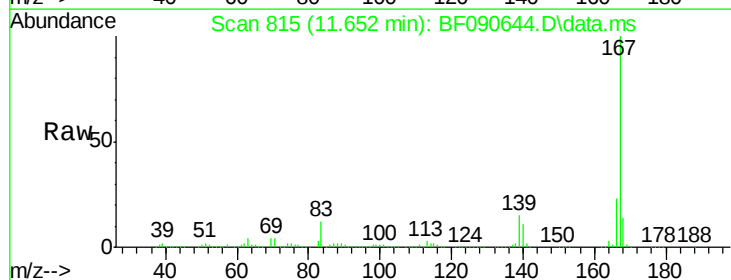
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

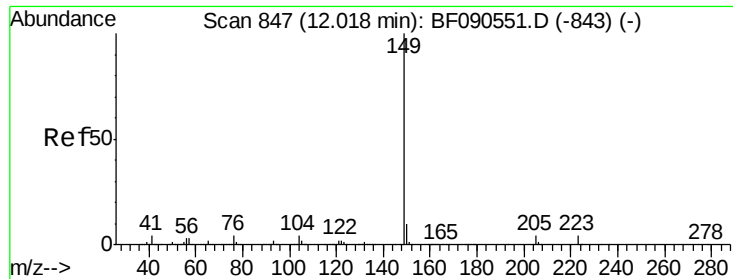
Tot Ion:178 Resp: 1862550
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 16.1 13.0 19.4



#72
 Carbazole
 Concen: 28.08 ng
 RT: 11.652 min Scan# 815
 Delta R.T. -0.023 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:167 Resp: 1443472
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 14.8 11.3 16.9





#73

Di-n-butylphthalate

Concen: 30.73 ng

RT: 11.983 min Scan# 84

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

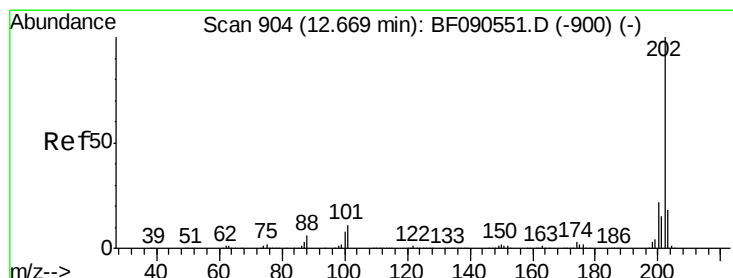
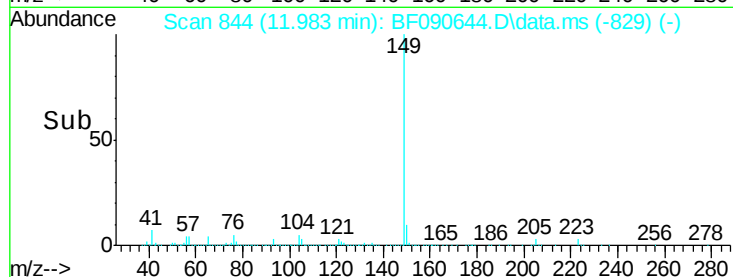
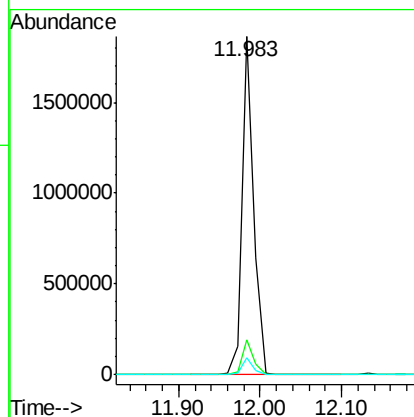
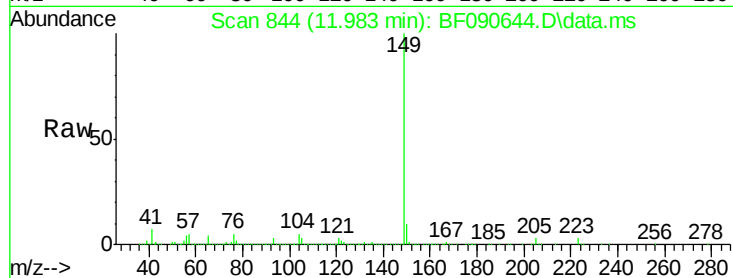
Tot Ion:149 Resp: 1850489

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

104 5.1 3.3 4.9#



#74

Fluoranthene

Concen: 31.95 ng

RT: 12.635 min Scan# 901

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

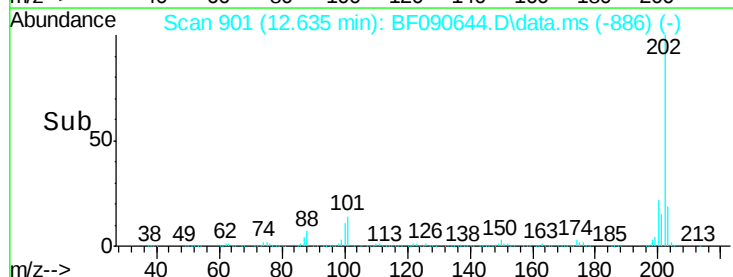
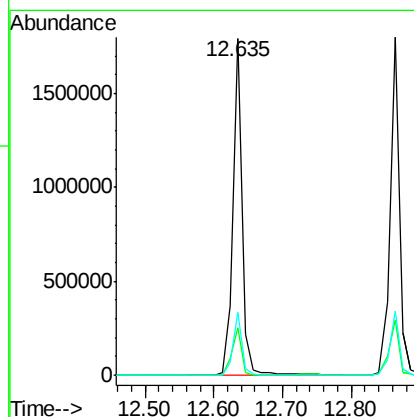
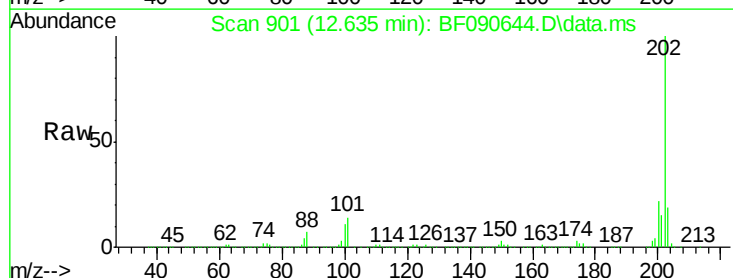
Tgt Ion:202 Resp: 1714520

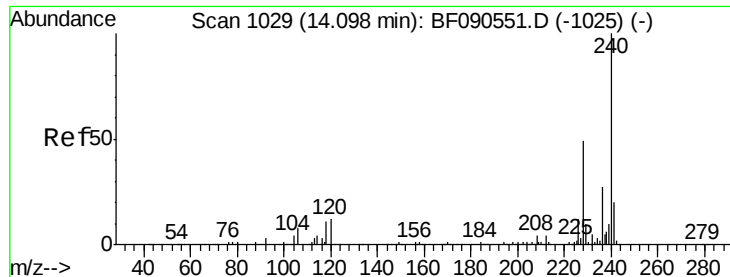
Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.1

203 18.6 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.064 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

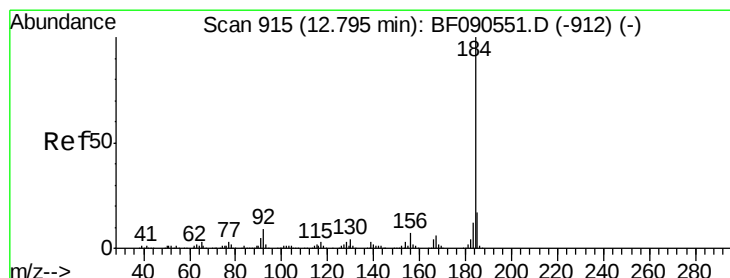
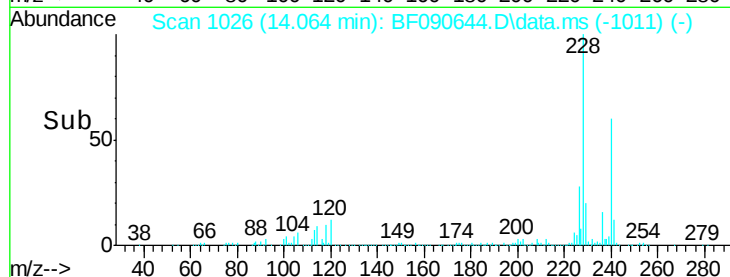
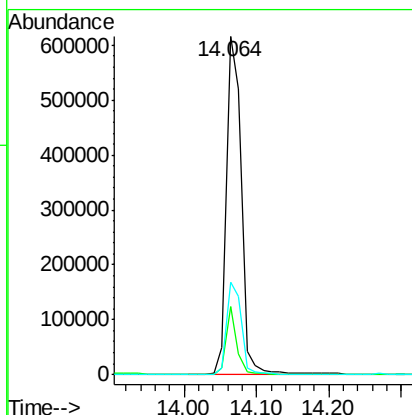
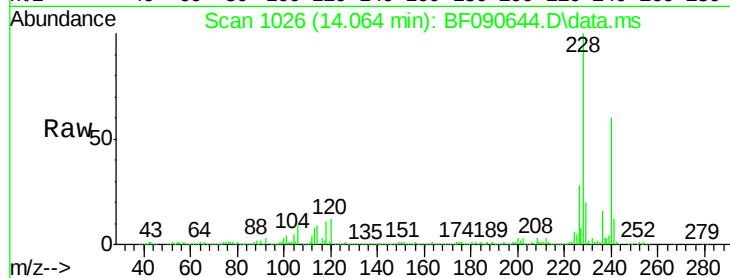
Tot Ion:240 Resp: 877431

Ion Ratio Lower Upper

240 100

120 19.9 9.8 14.8#

236 27.3 21.7 32.5



#76

Benzidine

Concen: 7.97 ng

RT: 12.761 min Scan# 912

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

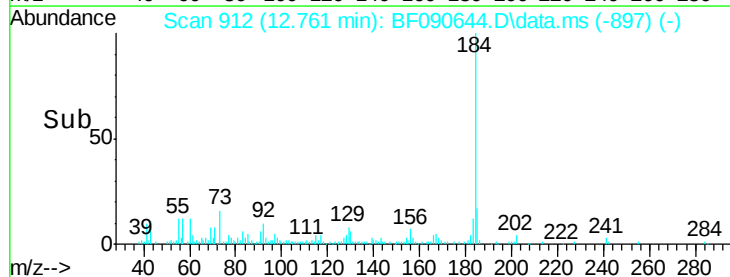
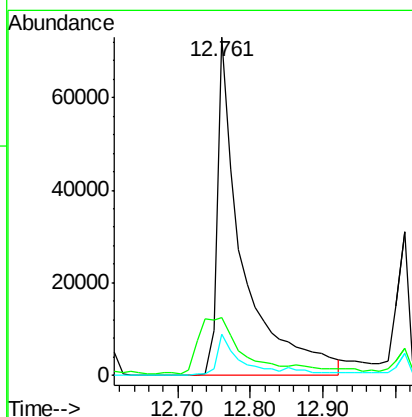
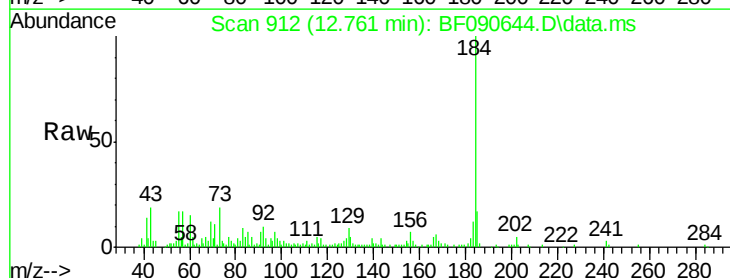
Tgt Ion:184 Resp: 173931

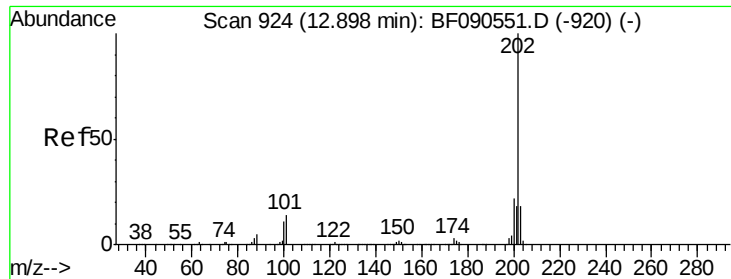
Ion Ratio Lower Upper

184 100

185 17.1 13.4 20.0

183 12.1 9.4 14.0

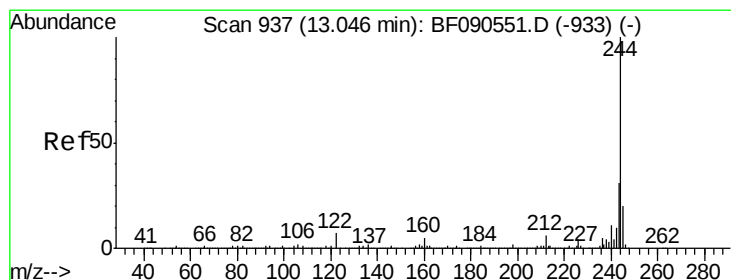
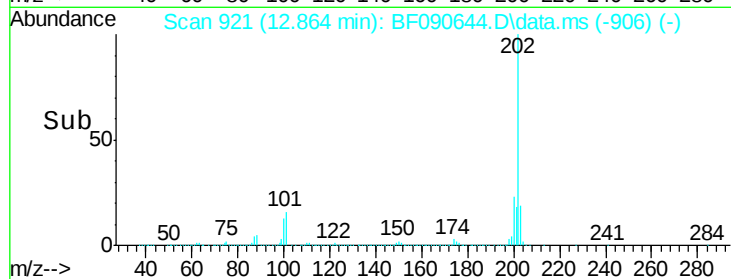
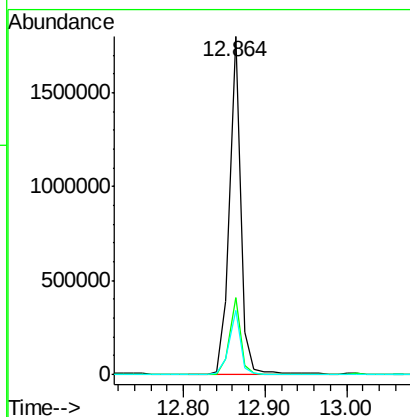
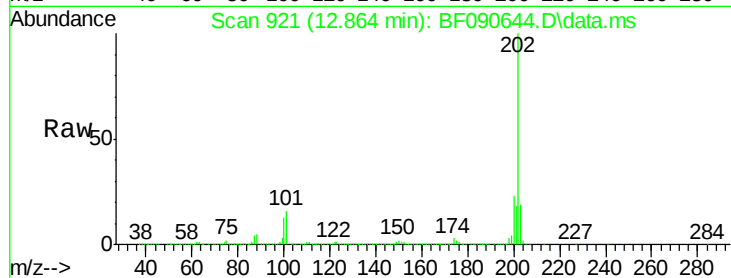




#77
Pvrene
Concen: 29.41 ng
RT: 12.864 min Scan# 92
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

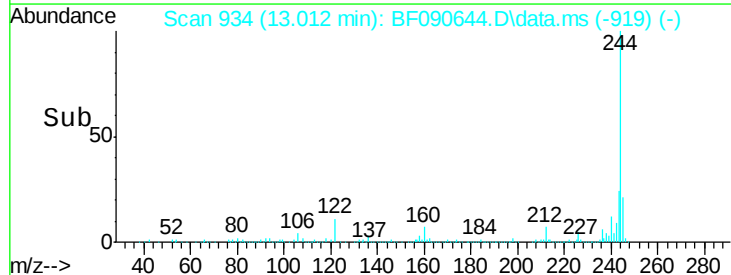
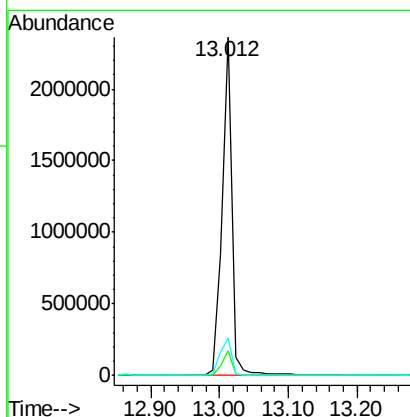
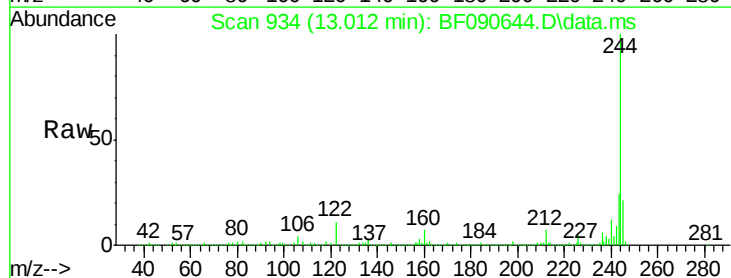
Instrument :
BNA_F
ClientSampleId :
PB94156BS

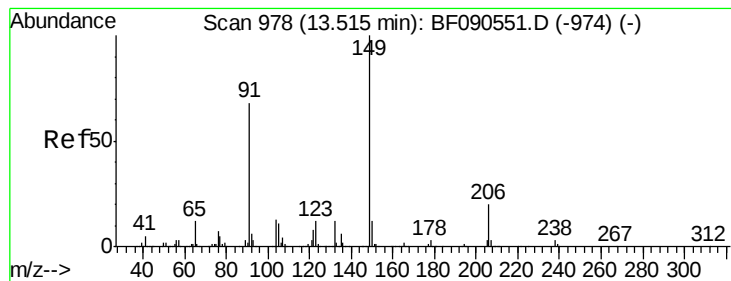
Tot Ion:202 Resp: 1709087
Ion Ratio Lower Upper
202 100
200 22.9 17.8 26.6
203 18.9 14.6 21.8



#78
Terphenyl-d14
Concen: 63.91 ng
RT: 13.012 min Scan# 934
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:244 Resp: 2408209
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 11.1 5.6 8.4#





#79

Butylbenzylphthalate

Concen: 32.65 ng

RT: 13.481 min Scan# 97

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

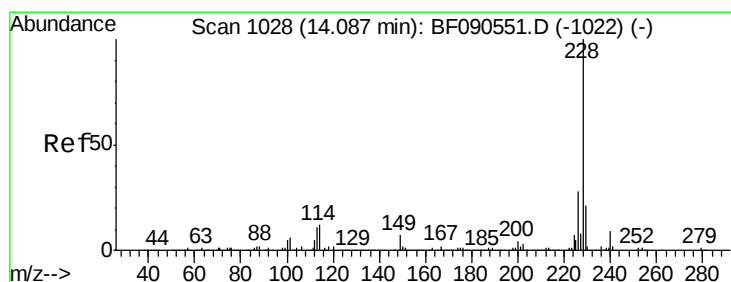
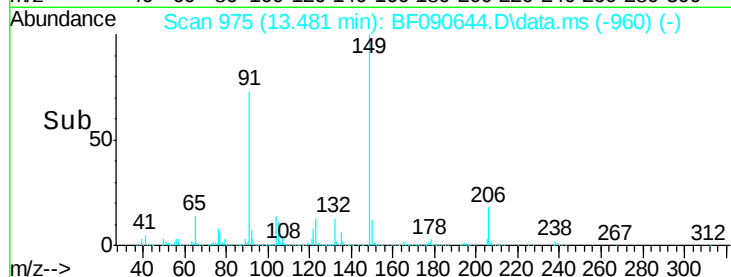
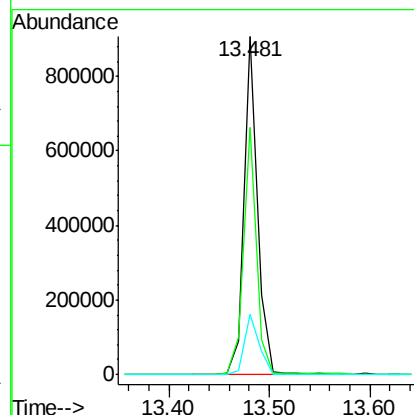
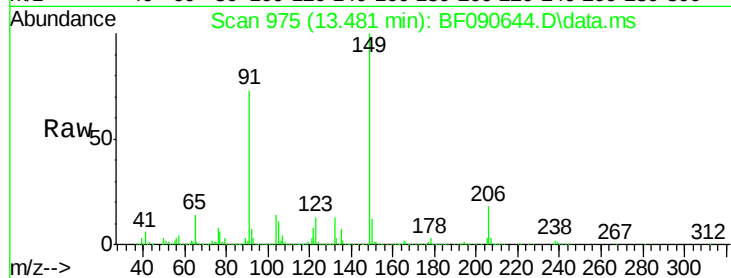
Tot Ion:149 Resp: 840726

Ion Ratio Lower Upper

149 100

91 73.2 54.3 81.5

206 18.0 15.8 23.6



#80

Benzo(a)anthracene

Concen: 33.92 ng

RT: 14.052 min Scan# 1025

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

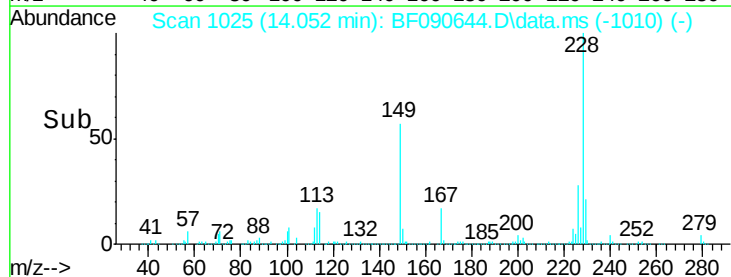
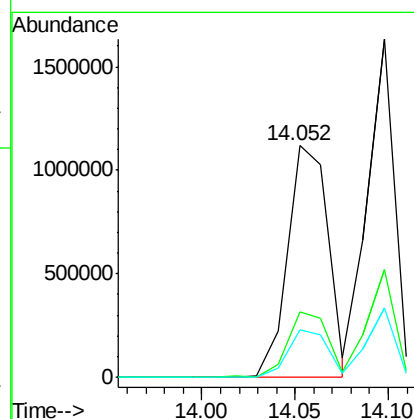
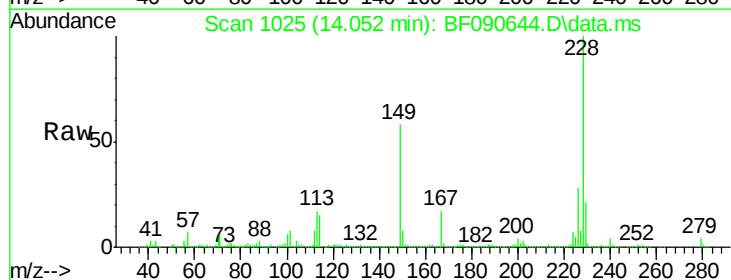
Tgt Ion:228 Resp: 1694153

Ion Ratio Lower Upper

228 100

226 28.4 22.8 34.2

229 20.6 16.6 25.0





#81

3,3'-Dichlorobenzidine

Concen: 25.86 ng

RT: 14.018 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

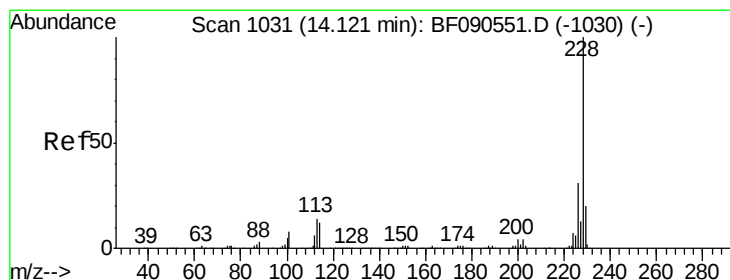
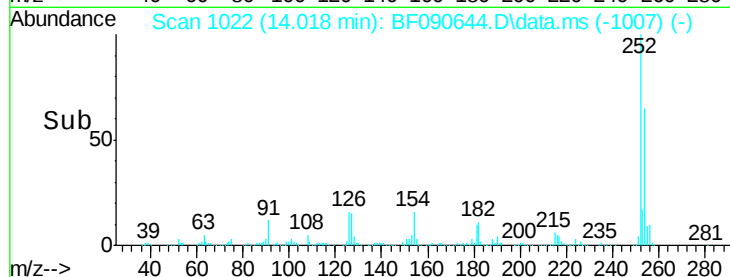
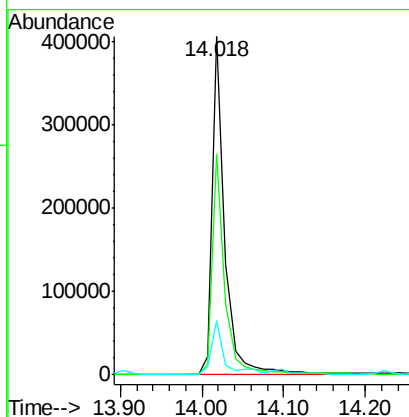
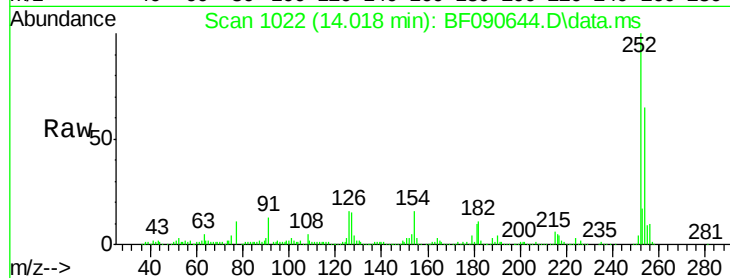
Tot Ion:252 Resp: 441255

Ion Ratio Lower Upper

252 100

254 65.2 52.1 78.1

126 16.0 9.3 13.9#



#82

Chrysene

Concen: 35.71 ng

RT: 14.098 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

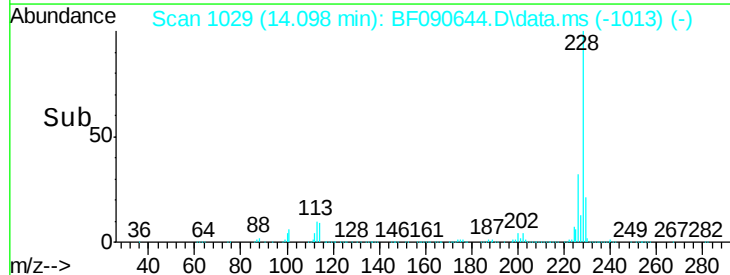
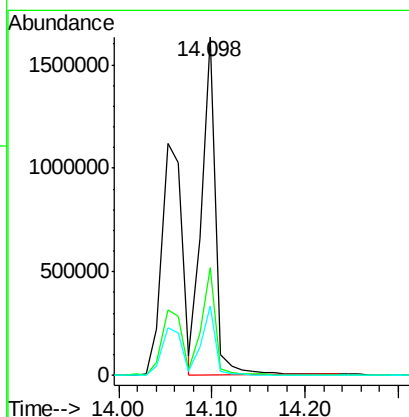
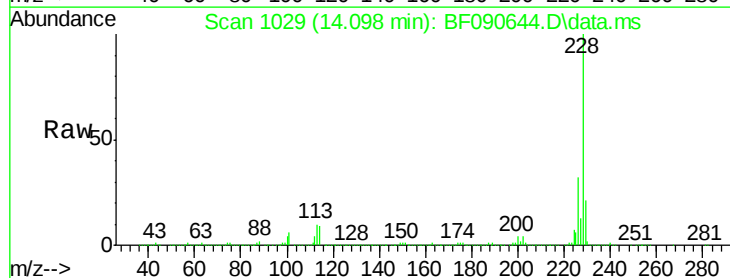
Tgt Ion:228 Resp: 1718621

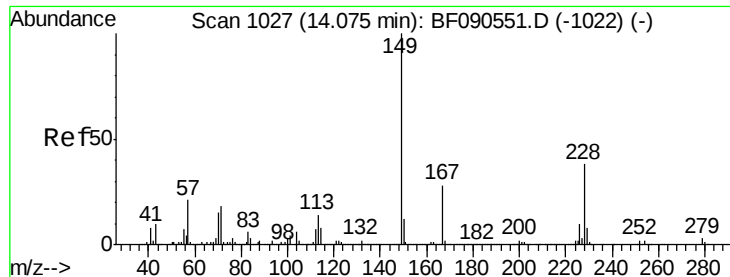
Ion Ratio Lower Upper

228 100

226 32.0 24.8 37.2

229 20.6 16.2 24.4

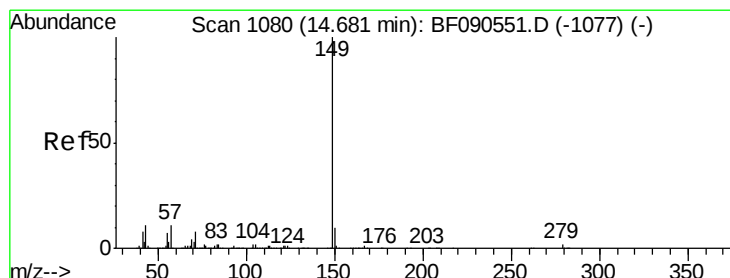
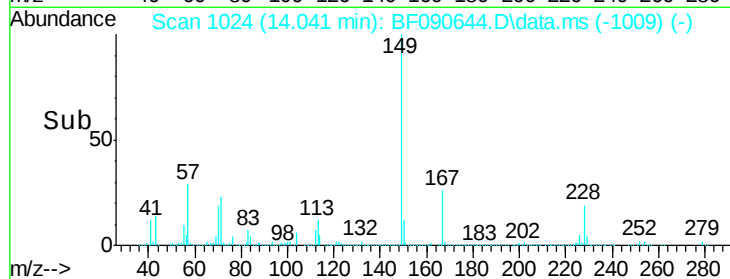
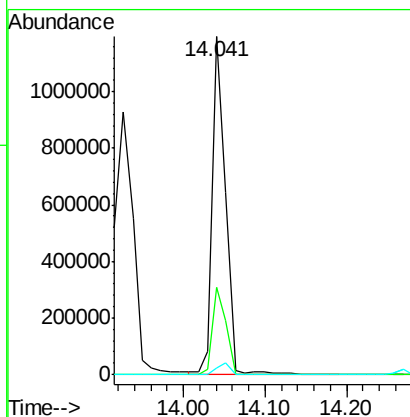
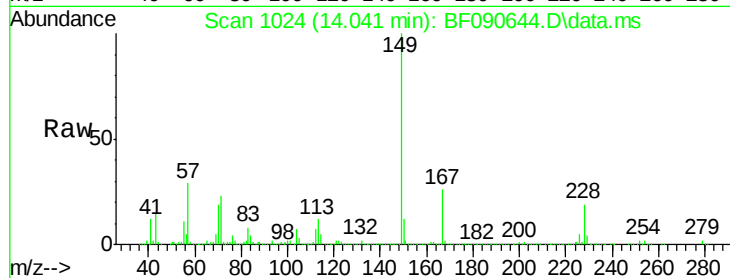




#83
Bis(2-ethylhexyl)phthalate
Concen: 38.65 ng
RT: 14.041 min Scan# 1027
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

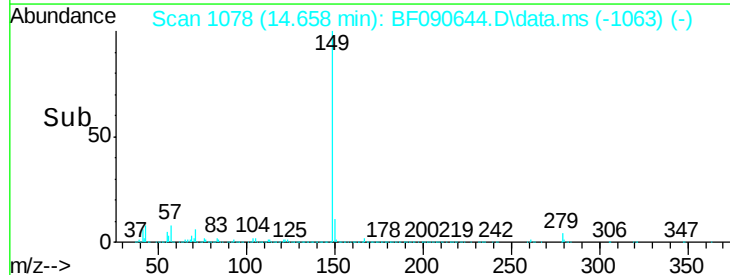
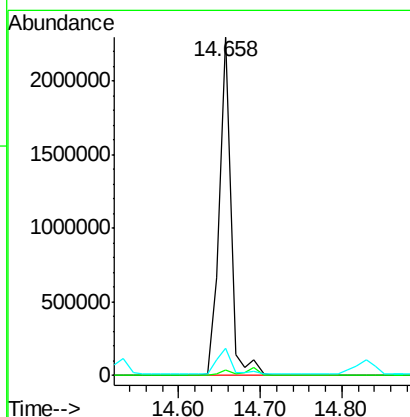
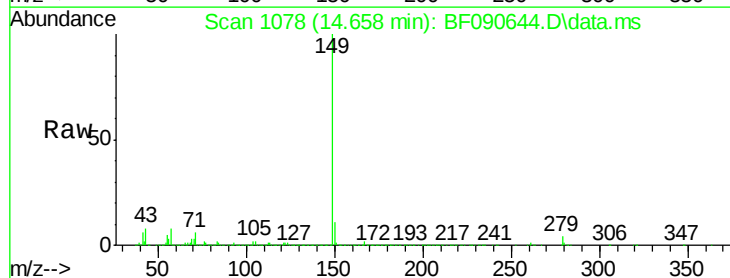
Instrument :
BNA_F
ClientSampleId :
PB94156BS

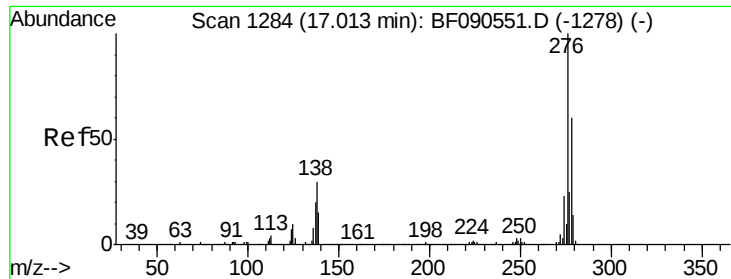
Tot Ion:149 Resp: 1342458
Ion Ratio Lower Upper
149 100
167 25.8 22.1 33.1
279 2.0 2.6 4.0#



#84
Di-n-octyl phthalate
Concen: 48.24 ng
RT: 14.658 min Scan# 1078
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:149 Resp: 2246924
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.8 6.7 10.1

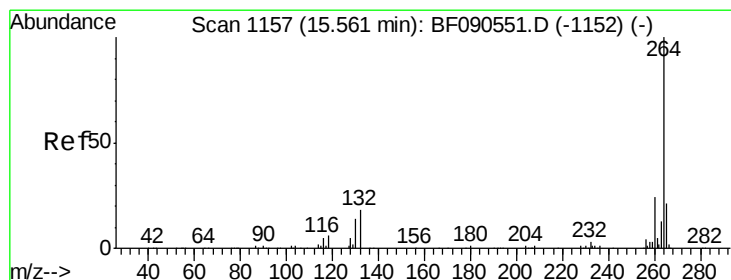
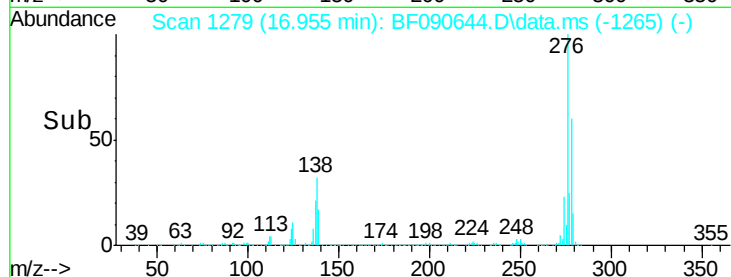
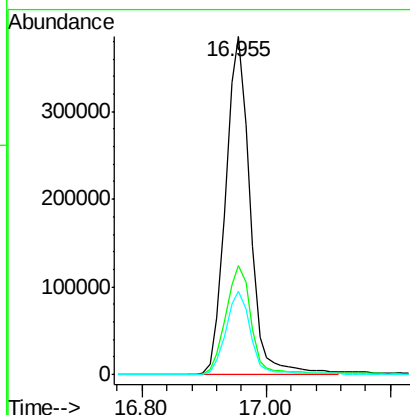
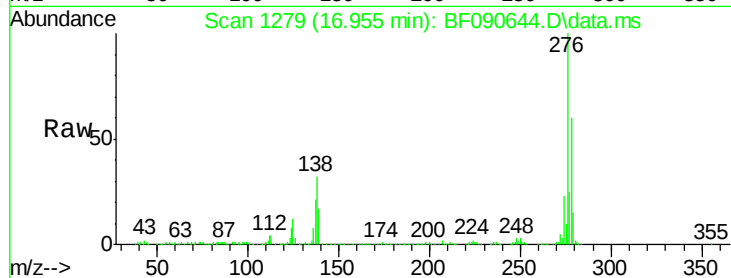




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.83 ng
RT: 16.955 min Scan# 12
Delta R.T. -0.034 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

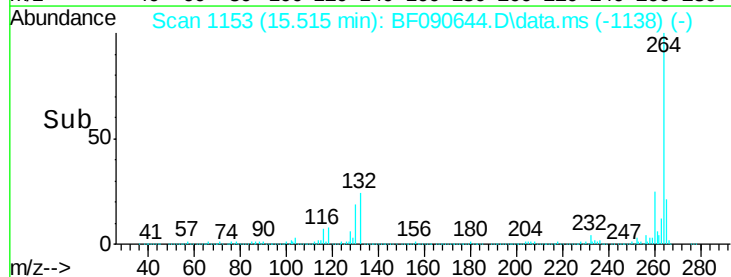
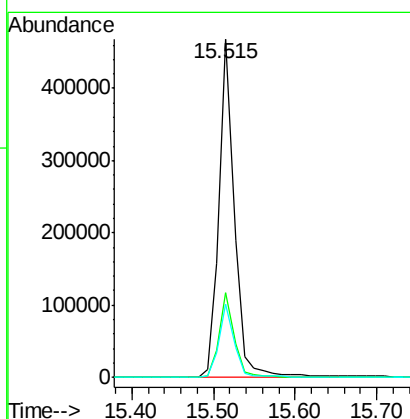
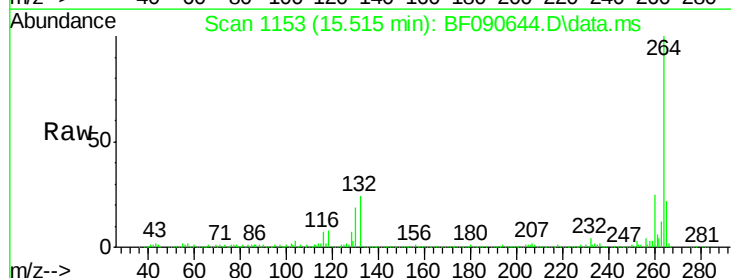
Instrument :
BNA_F
ClientSampleId :
PB94156BS

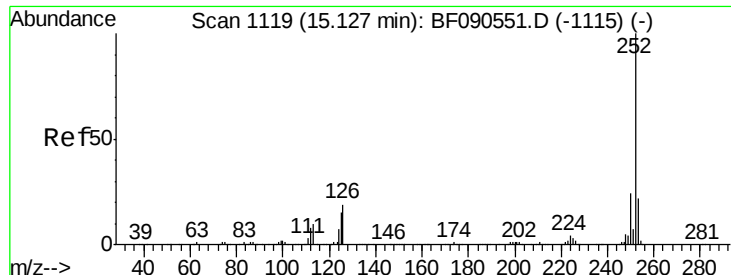
Tot Ion:276 Resp: 1052848
Ion Ratio Lower Upper
276 100
138 34.1 25.8 38.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 1153
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:264 Resp: 616836
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.5 16.7 25.1

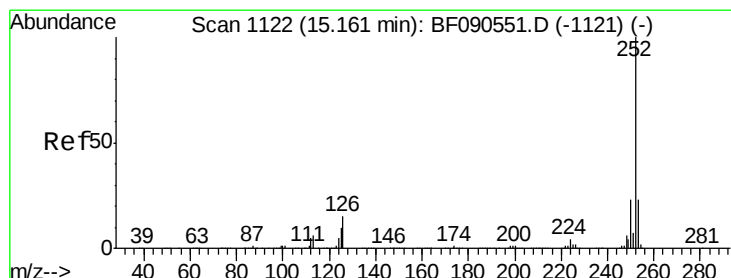
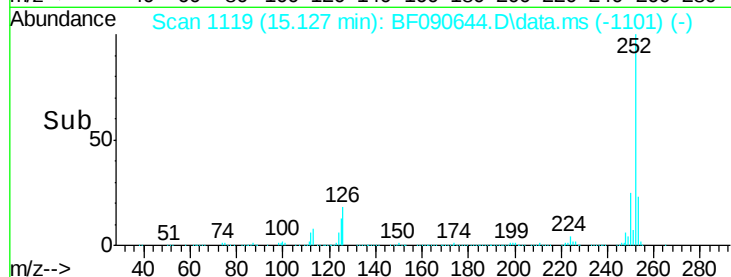
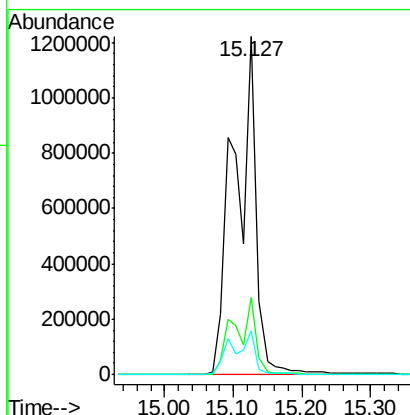
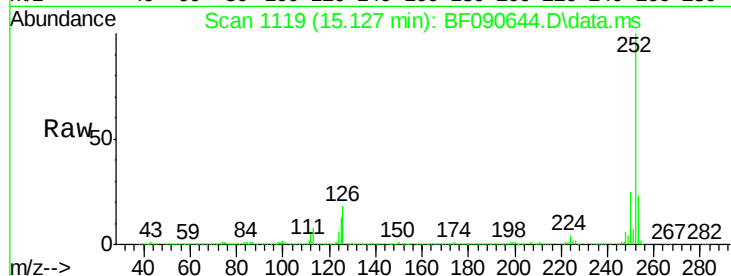




#87
Benzo(b)fluoranthene
Concen: 68.25 ng
RT: 15.127 min Scan# 1119
Delta R.T. 0.011 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

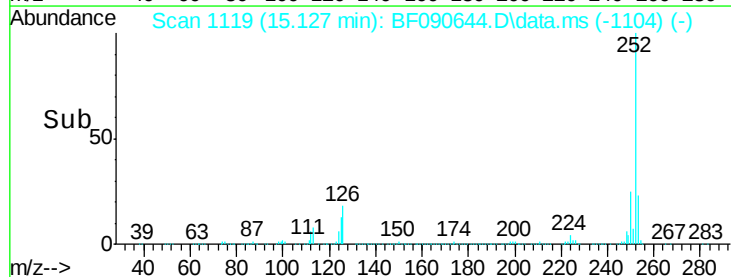
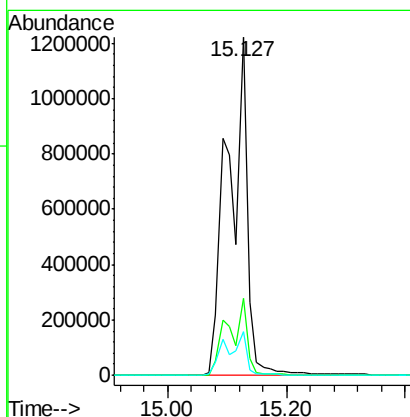
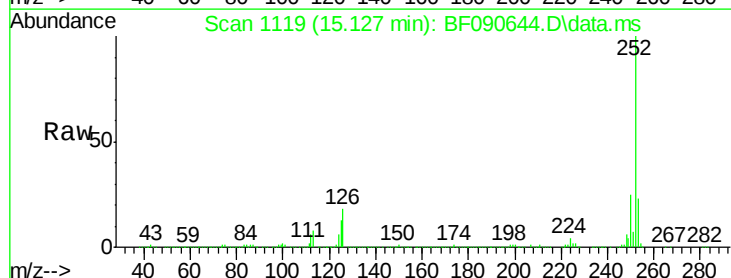
Instrument :
BNA_F
ClientSampleId :
PB94156BS

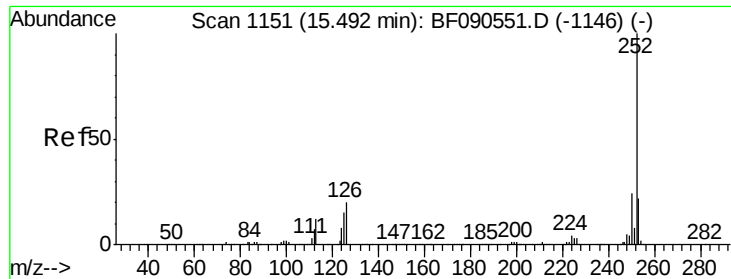
Tot Ion:252 Resp: 2754968
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 13.0 12.0 18.0



#88
Benzo(k)fluoranthene
Concen: 63.69 ng
RT: 15.127 min Scan# 1119
Delta R.T. -0.023 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:252 Resp: 2766075
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.0 10.0 15.0





#89

Benzo(a)pyrene

Concen: 32.57 ng

RT: 15.458 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

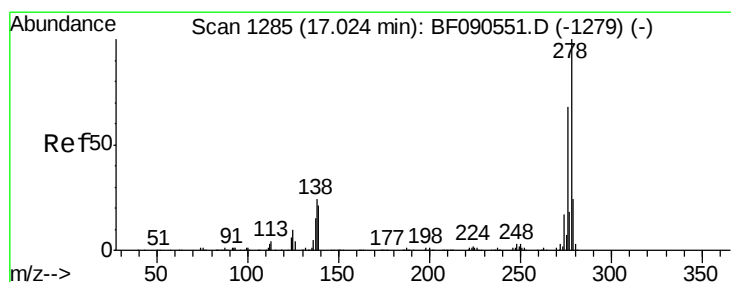
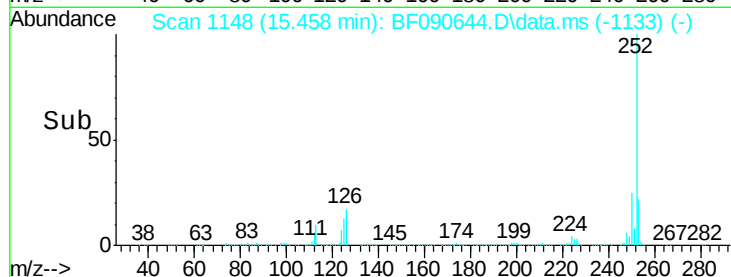
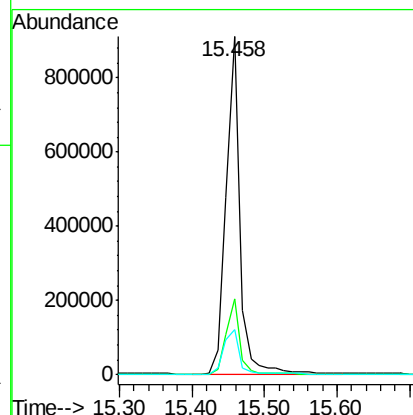
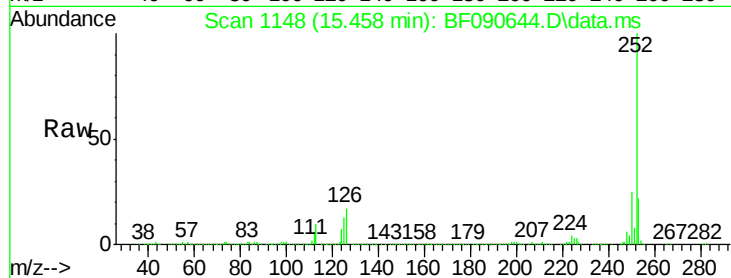
Tot Ion:252 Resp: 1203600

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 13.1 12.3 18.5



#90

Dibenzo(a,h)anthracene

Concen: 31.90 ng

RT: 16.967 min Scan# 1280

Delta R.T. -0.046 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

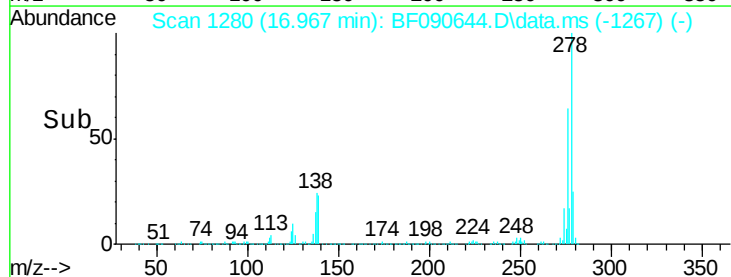
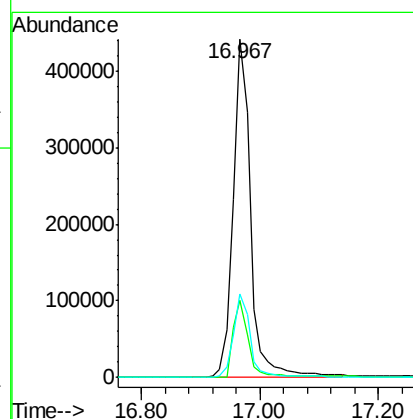
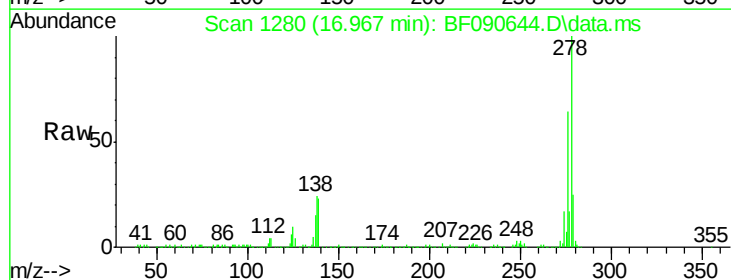
Tgt Ion:278 Resp: 898876

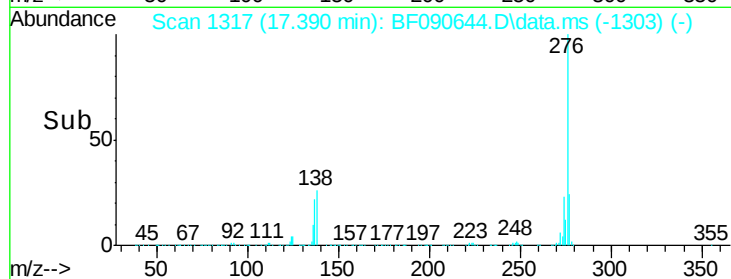
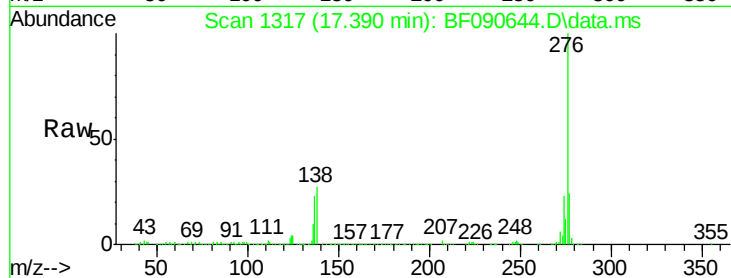
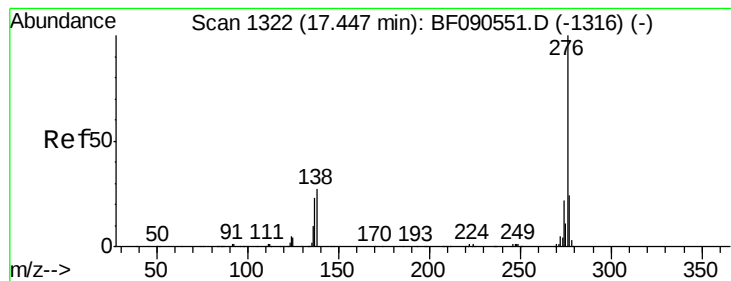
Ion Ratio Lower Upper

278 100

139 22.7 16.6 25.0

279 24.5 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 30.98 ng

RT: 17.390 min Scan# 13

Delta R.T. -0.034 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion: 276 Resp: 832515

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 26.5 21.8 32.8

