

Data Path : Z:\HPCHEM1\BNA F\Data\BF101817\
 Data File : BF099648.D
 Acq On : 19 Oct 2017 6:26
 Operator : SJ/JU
 Sample : I5929-04MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

Quant Time: Oct 19 10:23:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.828	152	88123	20.00	ng	-0.04
21) Naphthalene-d8	8.110	136	330473	20.00	ng	-0.04
38) Acenaphthene-d10	9.863	164	118417	20.00	ng	-0.04
63) Phenanthrene-d10	11.351	188	195067	20.00	ng	-0.04
75) Chrysene-d12	13.998	240	183289	20.00	ng	-0.04
86) Perylene-d12	15.462	264	153935	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.481	112	654348	118.20	ng	0.00
7) Phenol-d6	6.481	99	701501	102.72	ng	-0.02
23) Nitrobenzene-d5	7.398	82	463917	90.03	ng	-0.04
41) 2,4,6-Tribromophenol	10.657	330	127683	131.77	ng	-0.04
44) 2-Fluorobiphenyl	9.186	172	820079	115.61	ng	-0.04
78) Terphenyl-d14	12.933	244	642415	79.71	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.798	88	96389	36.45	ng	# 78
3) Pyridine	3.516	79	210596	29.44	ng	92
4) n-Nitrosodimethylamine	3.457	42	101088	33.32	ng	# 74
6) Aniline	6.504	93	109726	11.91	ng	# 88
8) 2-Chlorophenol	6.622	128	250784	40.00	ng	96
9) Benzaldehyde	6.392	77	60242	15.21	ng	88
10) Phenol	6.492	94	258485	33.84	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	253128	42.63	ng	96
12) 1,3-Dichlorobenzene	6.769	146	268456	40.89	ng	97
13) 1,4-Dichlorobenzene	6.845	146	271869	40.70	ng	98
14) 1,2-Dichlorobenzene	6.998	146	251224	40.70	ng	98
15) Benzyl Alcohol	6.981	79	175359	35.00	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	313624	33.90	ng	73
17) 2-Methylphenol	7.092	107	192278	37.49	ng	94
18) Hexachloroethane	7.333	117	80686	33.61	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	158626	36.38	ng	90
20) 3+4-Methylphenols	7.245	107	240571	37.07	ng	# 62
22) Acetophenone	7.239	105	335280	41.87	ng	# 96
24) Nitrobenzene	7.416	77	238341	40.77	ng	94
25) Isophorone	7.651	82	436162	40.94	ng	98
26) 2-Nitrophenol	7.733	139	118806	42.26	ng	# 85
27) 2,4-Dimethylphenol	7.769	122	205426	38.70	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	288284	43.42	ng	99
29) 2,4-Dichlorophenol	7.975	162	188474	41.35	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	201258	44.15	ng	99
31) Naphthalene	8.133	128	683118	44.01	ng	99
32) Benzoic acid	7.910	122	107460	24.64	ng	92
33) 4-Chloroaniline	8.186	127	53958	8.32	ng	95
34) Hexachlorobutadiene	8.239	225	104325	44.43	ng	99
35) Caprolactam	8.557	113	44991	30.77	ng	# 80
36) 4-Chloro-3-methylphenol	8.675	107	176670	34.49	ng	94
37) 2-Methylnaphthalene	8.822	142	437339	43.34	ng	97
39) 1,2,4,5-Tetrachloroben...	8.986	216	169912	48.11	ng	98
40) Hexachlorocyclopentadiene	8.969	237	12835	7.95	ng	99

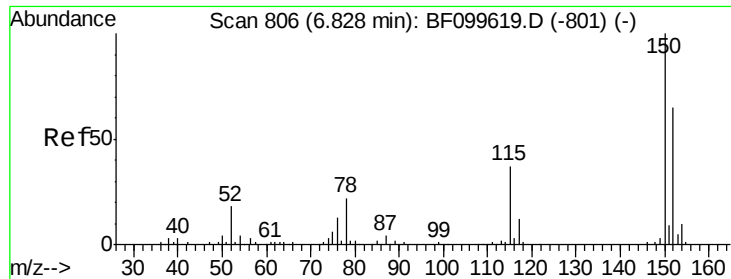
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.104	196	112414	44.93	nq	98
43) 2,4,5-Trichlorophenol	9.157	196	114144	45.70	nq #	90
45) 1,1'-Biphenyl	9.286	154	486392	47.79	nq	98
46) 2-Chloronaphthalene	9.316	162	365957	47.89	nq	96
47) 2-Nitroaniline	9.416	65	98676	42.17	nq	92
48) Acenaphthylene	9.727	152	533477	45.61	nq	99
49) Dimethylphthalate	9.586	163	435326	48.71	nq	98
50) 2,6-Dinitrotoluene	9.657	165	87791	45.12	nq #	76
51) Acenaphthene	9.898	154	315127	42.53	nq	99
52) 3-Nitroaniline	9.827	138	51164	22.55	nq	90
53) 2,4-Dinitrophenol	9.951	184	9908	14.90	nq	94
54) Dibenzofuran	10.069	168	461913	46.82	nq	99
55) 4-Nitrophenol	10.004	139	106988	55.77	nq	84
56) 2,4-Dinitrotoluene	10.063	165	100075	39.63	nq	95
57) Fluorene	10.416	166	358947	45.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.192	232	81332	47.14	nq	94
59) Diethylphthalate	10.280	149	390525	44.72	nq	98
60) 4-Chlorophenyl-phenyle...	10.404	204	165658	46.51	nq	90
61) 4-Nitroaniline	10.445	138	85083	38.87	nq	83
62) Azobenzene	10.563	77	326951	40.72	nq	90
64) 4,6-Dinitro-2-methylph...	10.480	198	8936	7.53	nq #	74
65) n-Nitrosodiphenylamine	10.521	169	312518	46.25	nq	99
66) 4-Bromophenyl-phenylether	10.892	248	89101	46.66	nq	91
67) Hexachlorobenzene	10.963	284	90632	44.44	nq	93
68) Atrazine	11.051	200	92563	45.53	nq	97
69) Pentachlorophenol	11.163	266	122251	96.32	nq	96
70) Phenanthrene	11.374	178	503049	48.18	nq	98
71) Anthracene	11.427	178	510792	47.81	nq	99
72) Carbazole	11.586	167	491040	46.94	nq	99
73) Di-n-butylphthalate	11.904	149	568097	45.11	nq	98
74) Fluoranthene	12.568	202	554515	52.45	nq	98
76) Benzidine	12.692	184	294053	43.38	nq	96
77) Pyrene	12.798	202	572793	40.98	nq	99
79) Butylbenzylphthalate	13.404	149	273362	41.62	nq	90
80) Benzo(a)anthracene	13.986	228	510739	46.02	nq	99
81) 3,3'-Dichlorobenzidine	13.945	252	168430	41.40	nq	98
82) Chrysene	14.027	228	487965	46.18	nq	98
83) Bis(2-ethylhexyl)phtha...	13.957	149	376476	41.62	nq	99
84) Di-n-octyl phthalate	14.568	149	693868	47.64	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.945	276	349926	41.40	nq	97
87) Benzo(b)fluoranthene	15.039	252	459029	48.50	nq	98
88) Benzo(k)fluoranthene	15.068	252	423425	45.29	nq	99
89) Benzo(a)pyrene	15.403	252	396774	45.67	nq	97
90) Dibenzo(a,h)anthracene	16.945	278	293873	42.27	nq	96
91) Benzo(g,h,i)perylene	17.392	276	285349	41.52	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

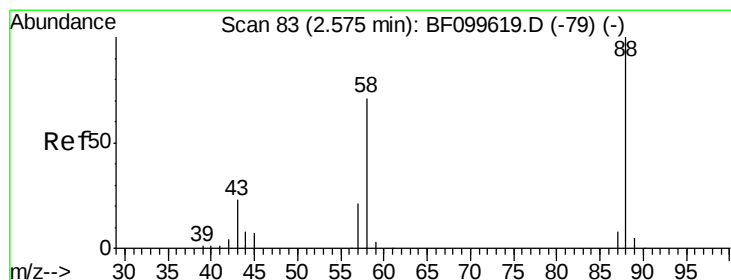
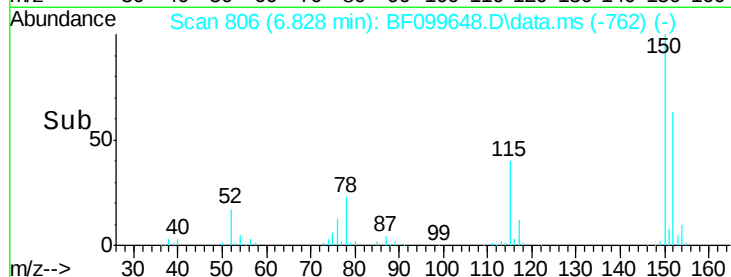
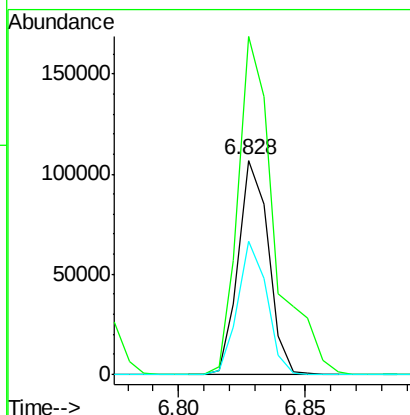
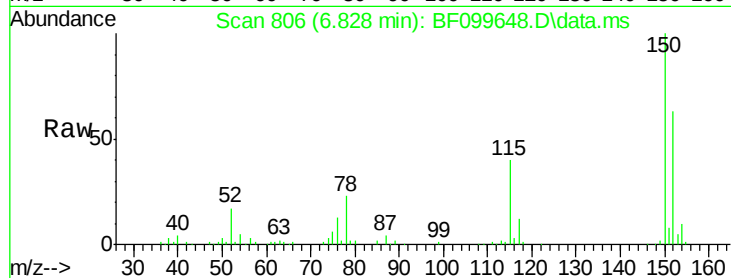
Tot Ion:152 Resp: 88123

Ion Ratio Lower Upper

152 100

150 157.9 124.6 186.8

115 62.5 50.1 75.1



#2

1,4-Dioxane

Concen: 36.45 ng

RT: 2.798 min Scan# 121

Delta R.T. 0.165 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

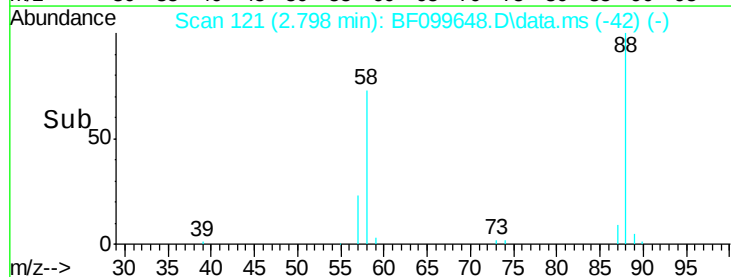
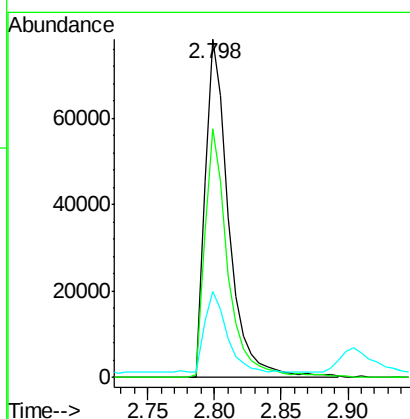
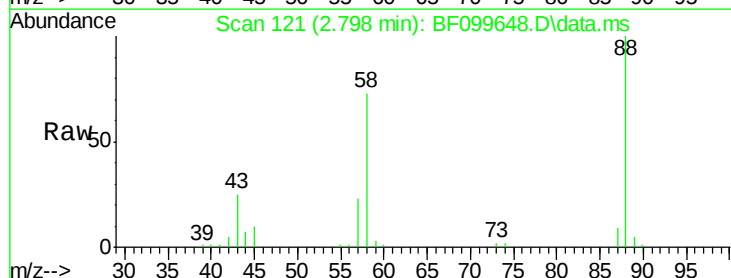
Tgt Ion: 88 Resp: 96389

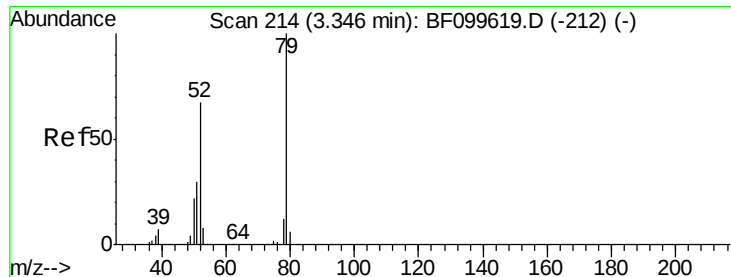
Ion Ratio Lower Upper

88 100

58 71.2 62.6 93.8

43 0.0 24.6 37.0#





#3

Pvridine

Concen: 29.44 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.112 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

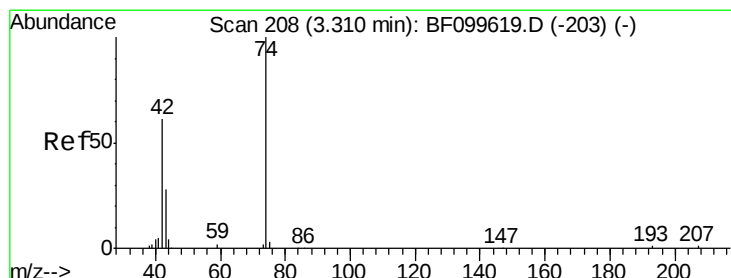
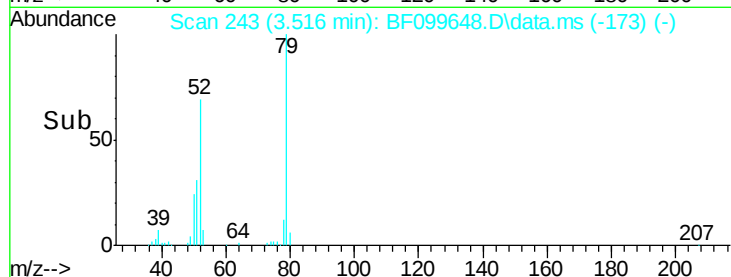
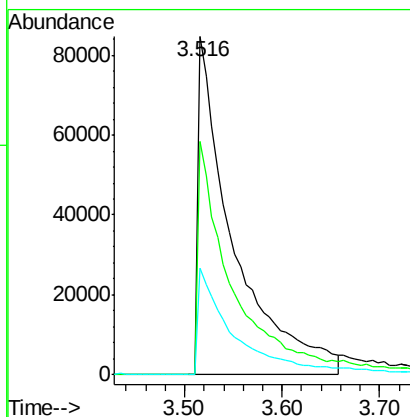
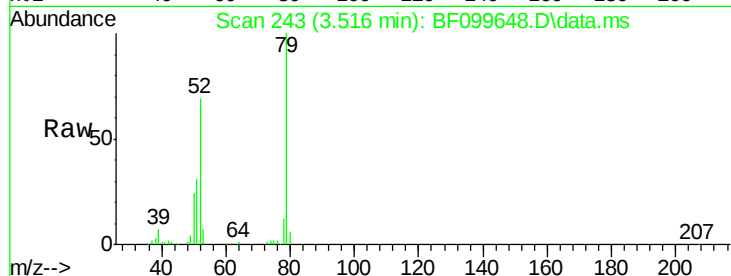
Tot Ion: 79 Resp: 210596

Ion Ratio Lower Upper

79 100

52 68.8 59.8 89.6

51 31.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.32 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.088 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

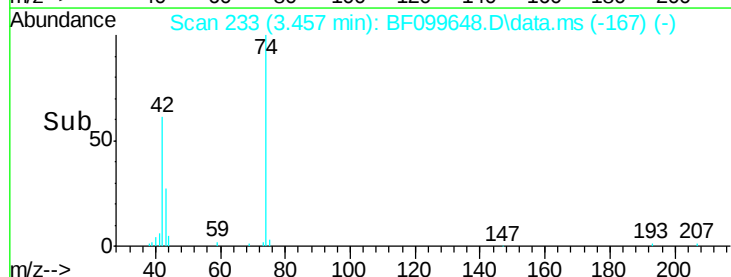
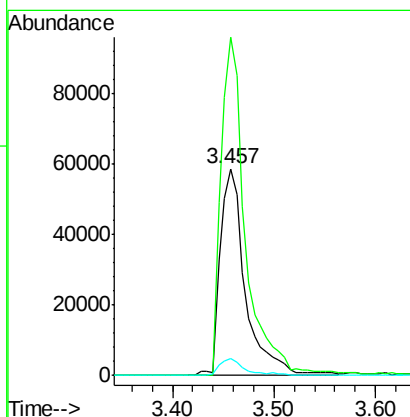
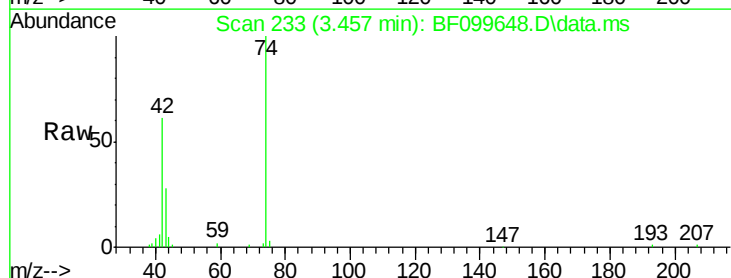
Tgt Ion: 42 Resp: 101088

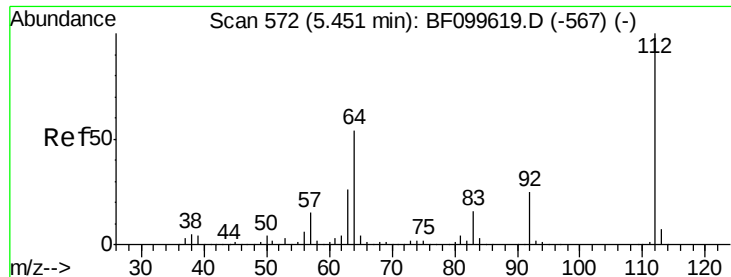
Ion Ratio Lower Upper

42 100

74 163.4 104.9 157.3#

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 118.20 ng

RT: 5.481 min Scan# 57

Delta R.T. -0.000 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

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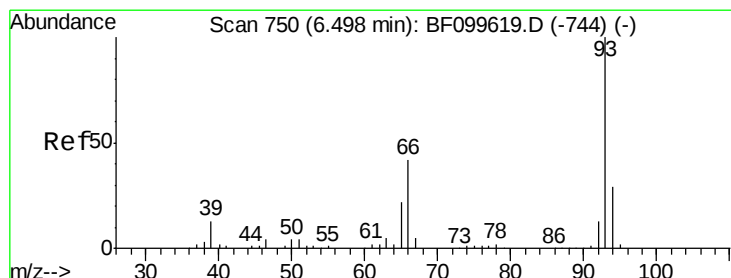
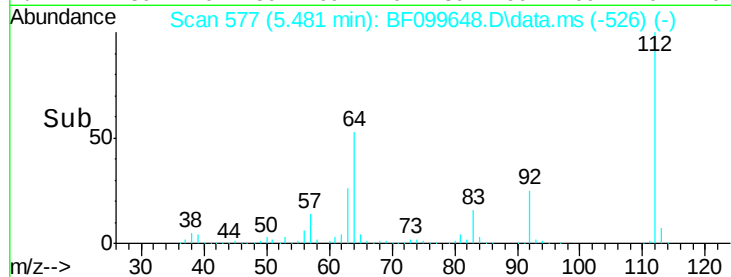
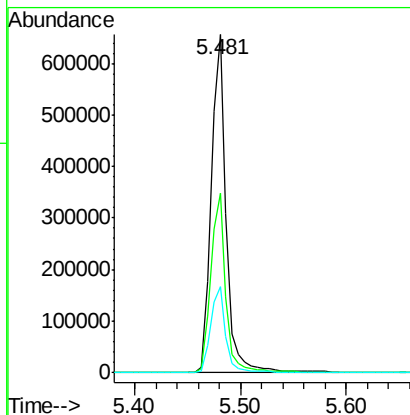
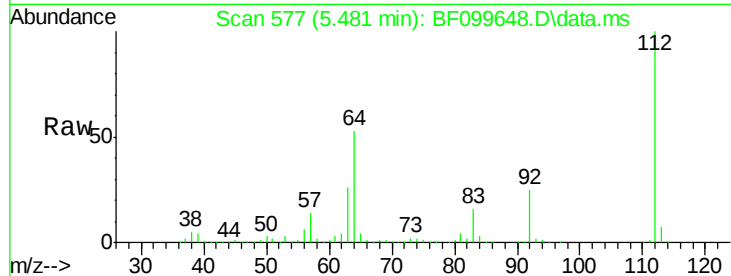
Tot Ion:112 Resp: 654348

Ion Ratio Lower Upper

112 100

64 52.9 47.9 71.9

63 25.6 23.7 35.5



#6

Aniline

Concen: 11.91 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.030 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

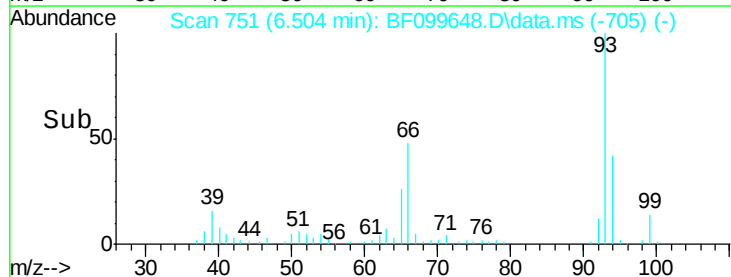
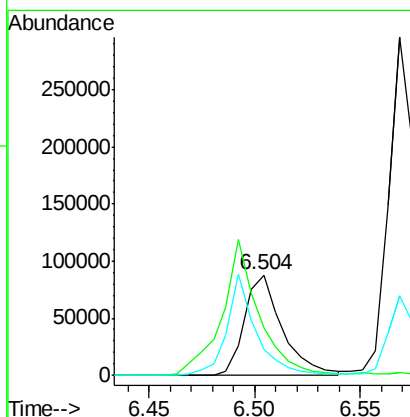
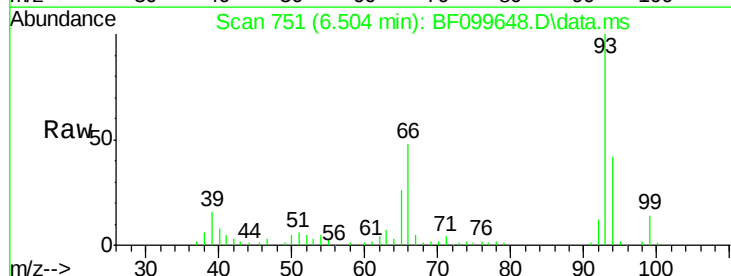
Tgt Ion: 93 Resp: 109726

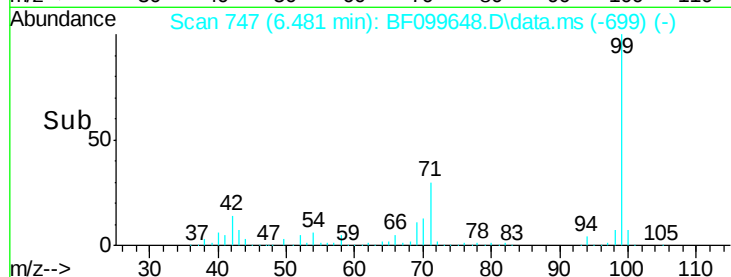
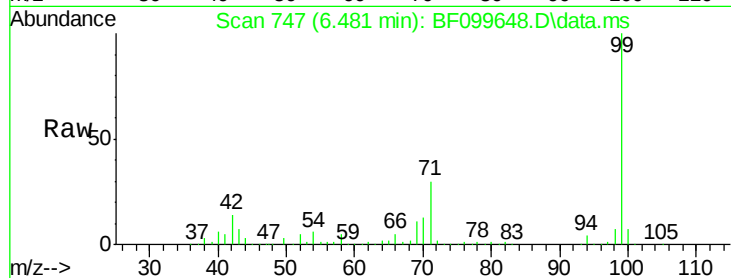
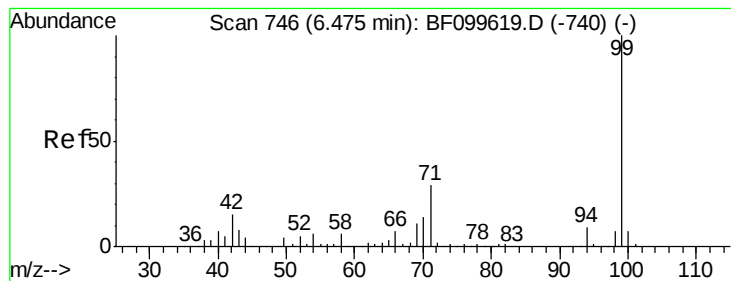
Ion Ratio Lower Upper

93 100

66 47.8 32.2 48.2

65 26.1 16.4 24.6#





#7

Phenol-d6

Concen: 102.72 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

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ClientSampleId :

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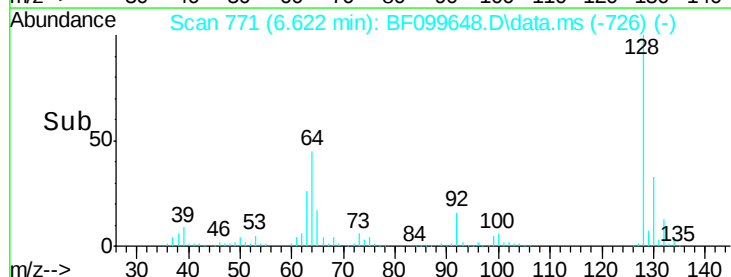
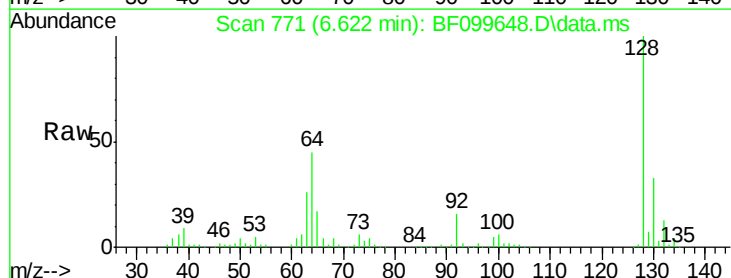
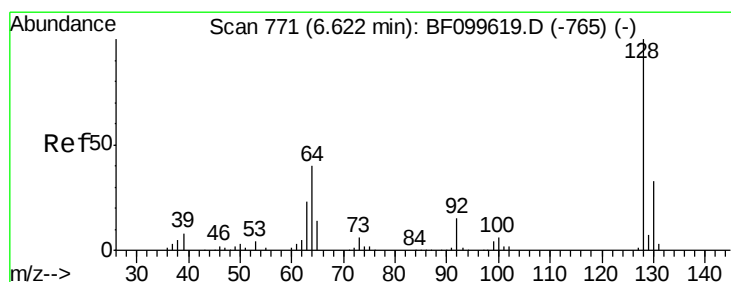
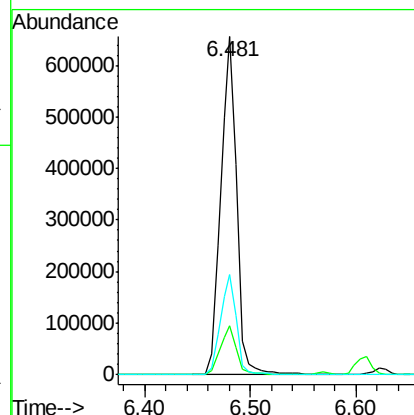
Tot Ion: 99 Resp: 701501

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

71 29.5 25.4 38.0



#8

2-Chlorophenol

Concen: 40.00 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

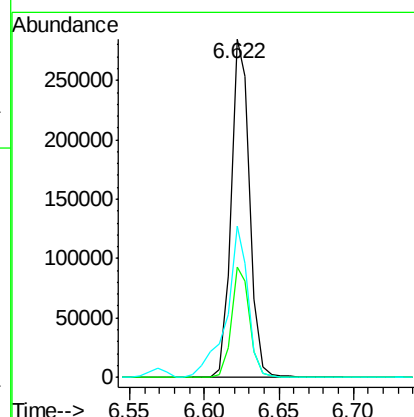
Tgt Ion: 128 Resp: 250784

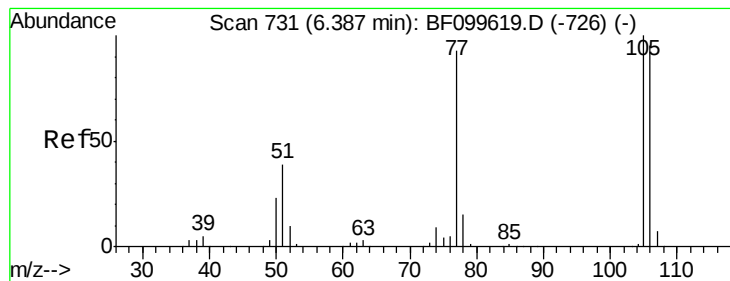
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 44.9 29.4 69.4





#9

Benzaldehyde

Concen: 15.21 ng

RT: 6.392 min Scan# 731

Delta R.T. -0.030 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

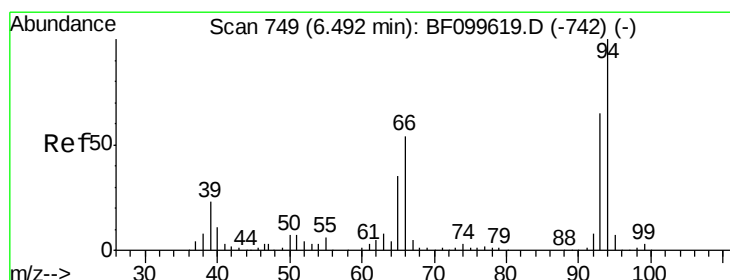
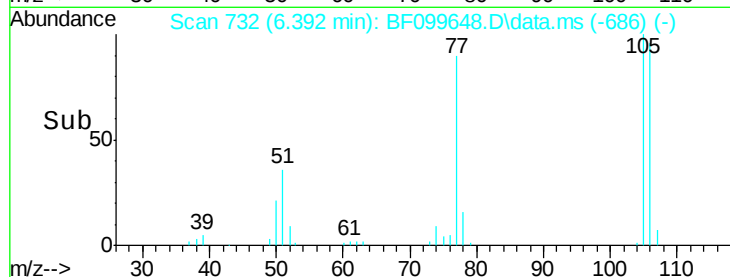
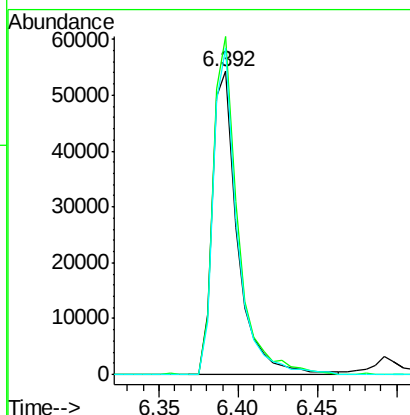
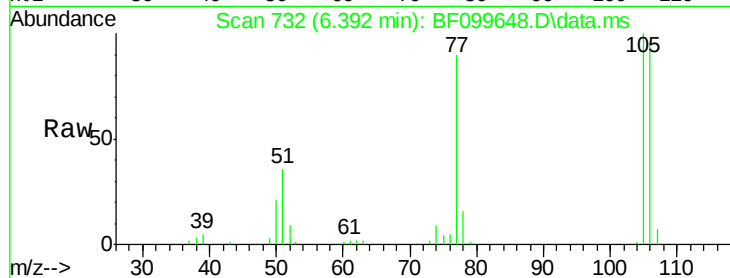
Tot Ion: 77 Resp: 60242

Ion Ratio Lower Upper

77 100

105 111.5 81.1 121.1

106 107.6 74.5 114.5



#10

Phenol

Concen: 33.84 ng

RT: 6.492 min Scan# 749

Delta R.T. -0.024 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

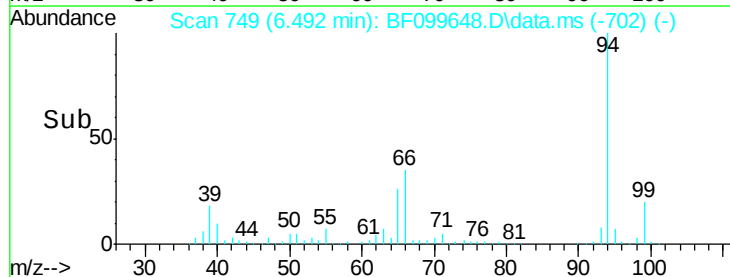
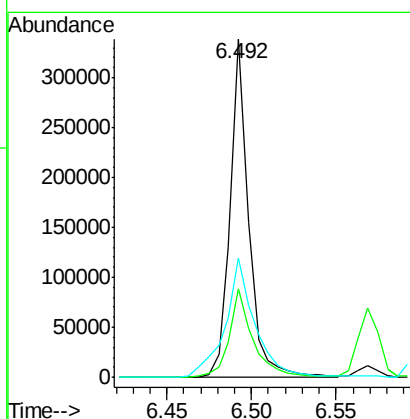
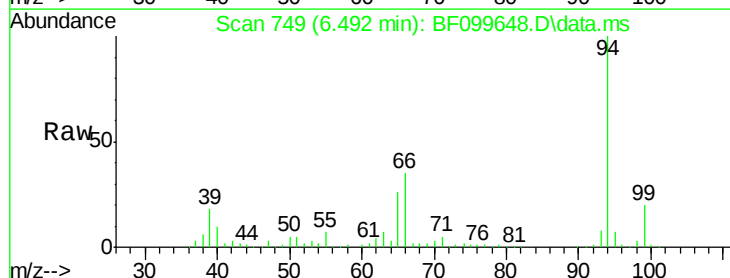
Tgt Ion: 94 Resp: 258485

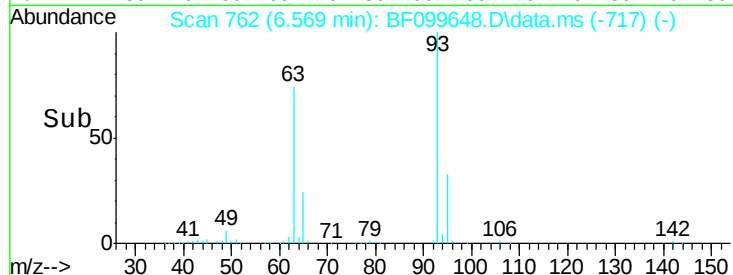
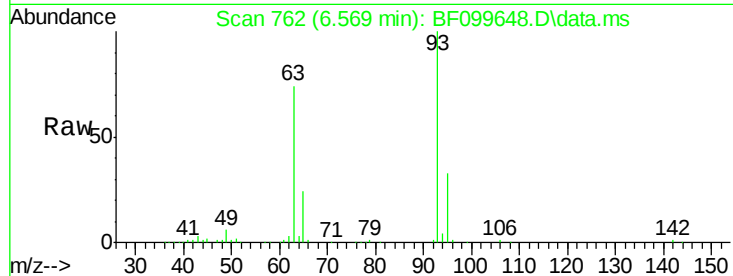
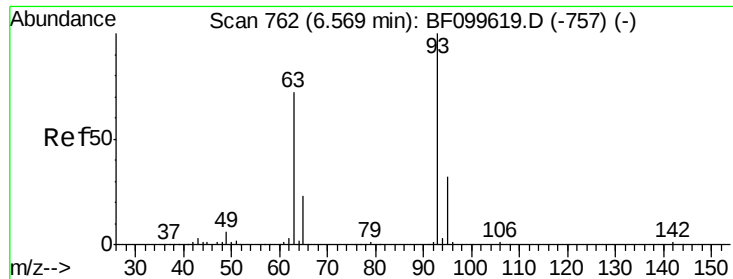
Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

66 35.2 16.2 56.2

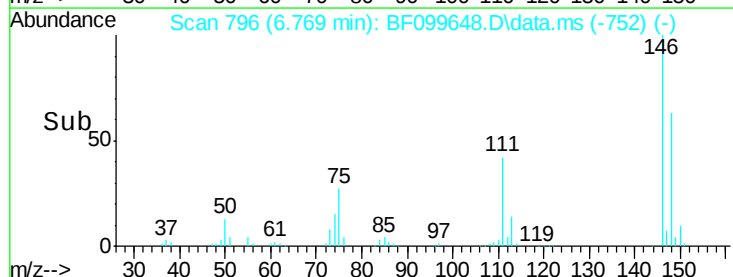
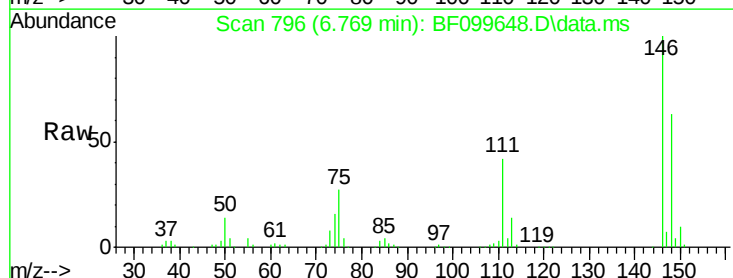
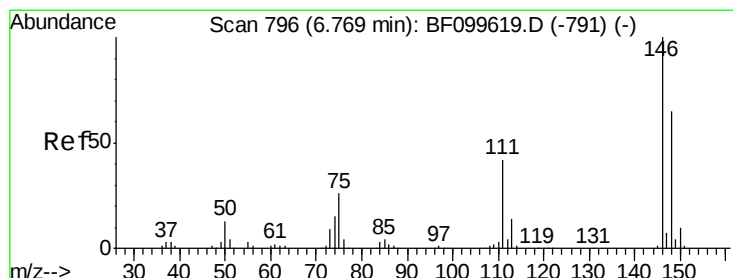
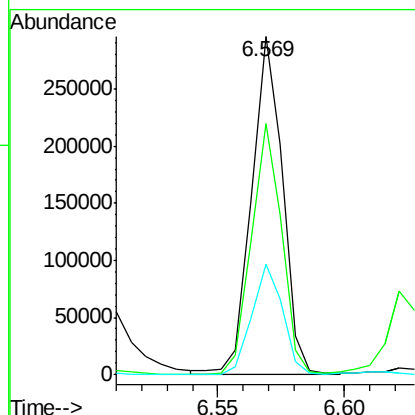




#11
bis(2-Chloroethyl)ether
Concen: 42.63 ng
RT: 6.569 min Scan# 76
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

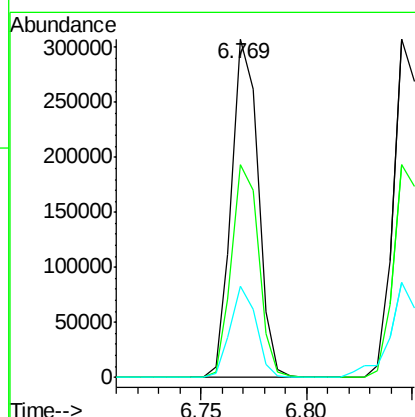
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

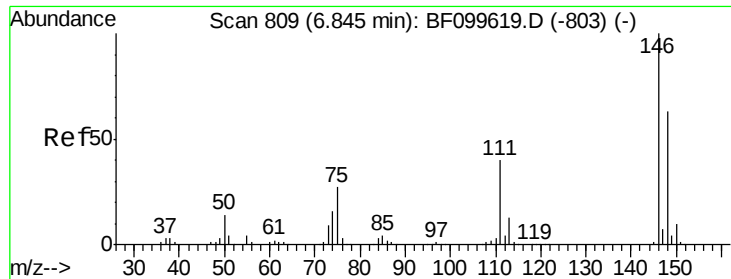
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.89 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	27.0	24.2	36.4

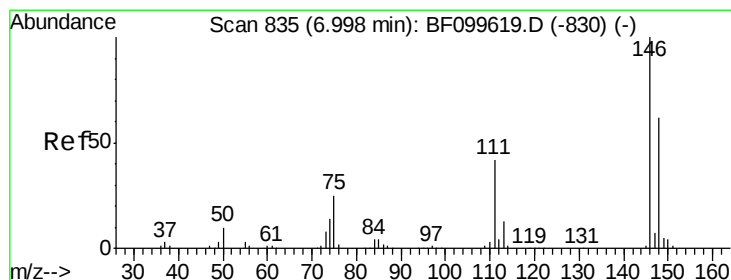
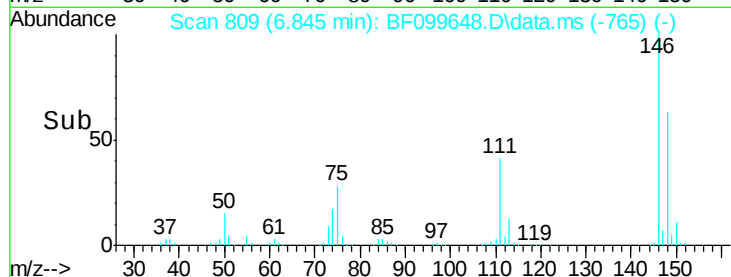
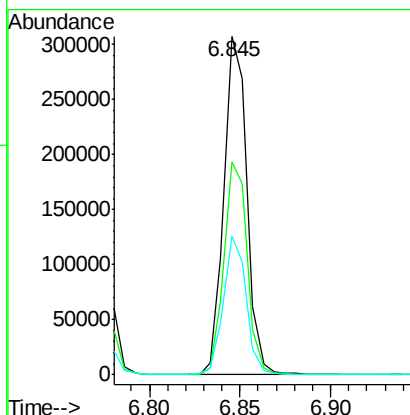
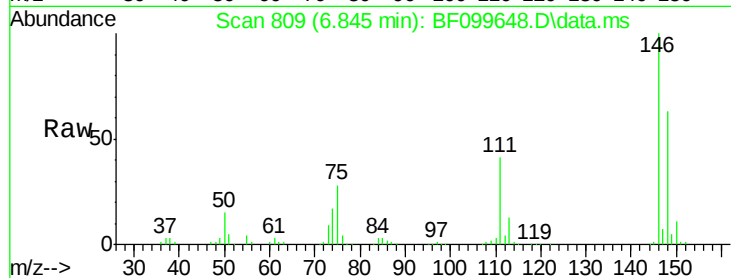




#13
 1,4-Dichlorobenzene
 Concen: 40.70 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

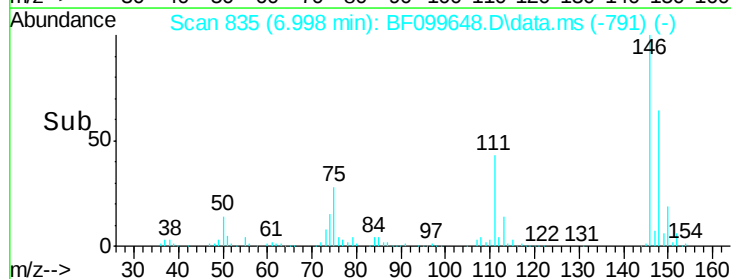
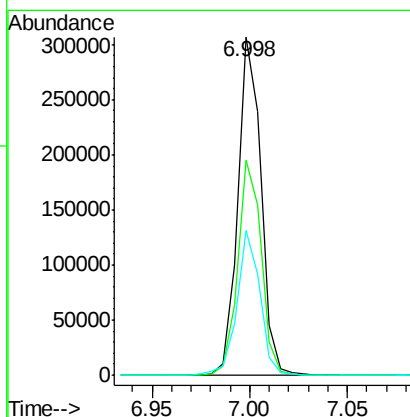
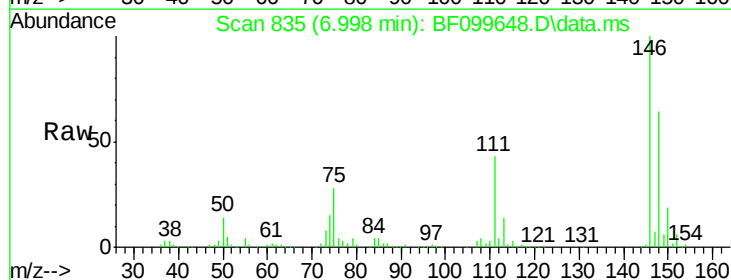
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

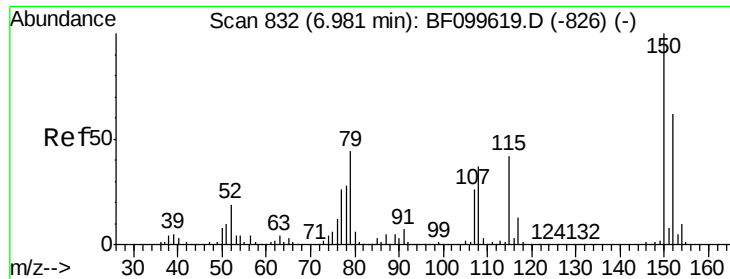
Tot Ion:146 Resp: 271869
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 40.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.70 ng
 RT: 6.998 min Scan# 835
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:146 Resp: 251224
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 43.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.00 ng

RT: 6.981 min Scan# 83

Delta R.T. -0.030 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

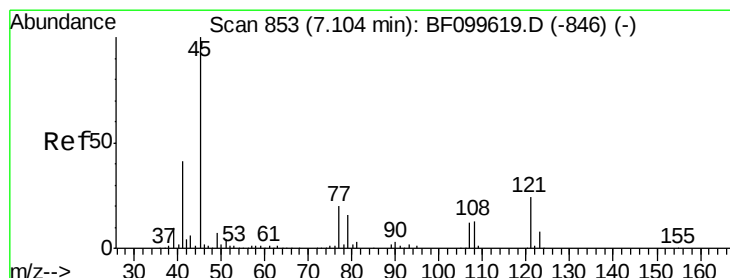
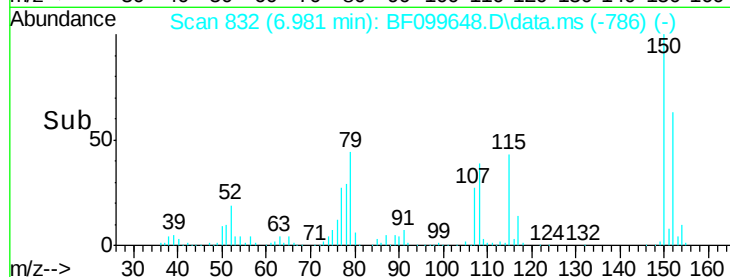
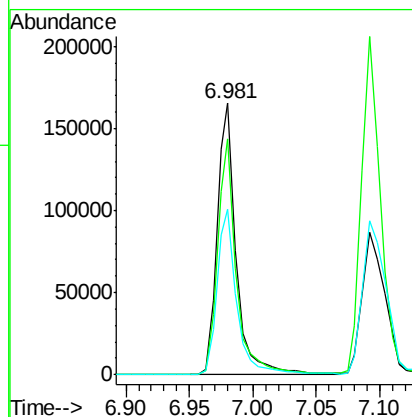
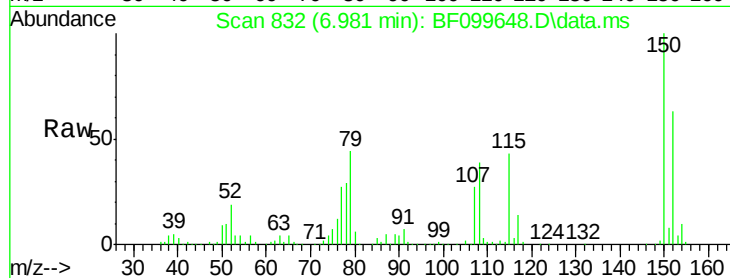
Tot Ion: 79 Resp: 175359

Ion Ratio Lower Upper

79 100

108 86.7 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.90 ng

RT: 7.104 min Scan# 853

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

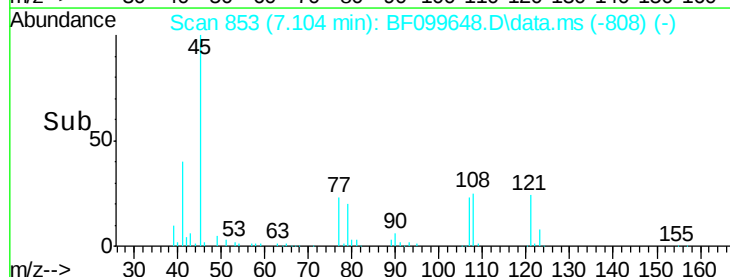
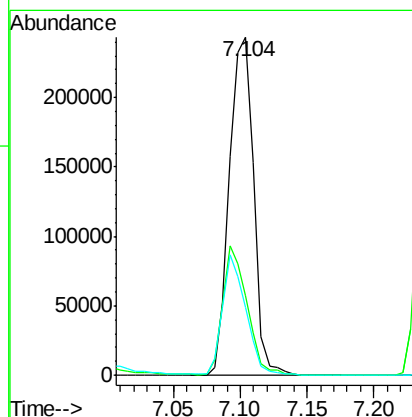
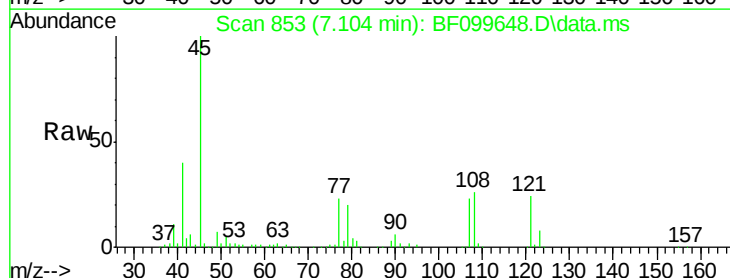
Tgt Ion: 45 Resp: 313624

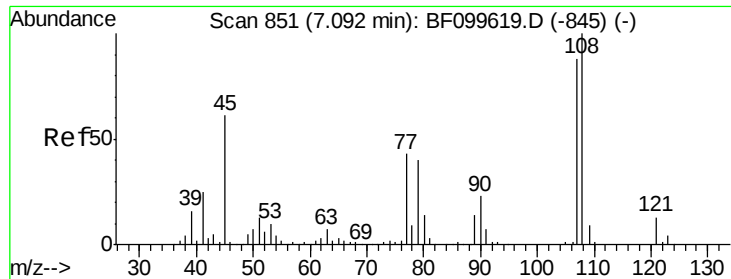
Ion Ratio Lower Upper

45 100

77 23.4 0.0 32.9

79 20.2 0.0 29.6

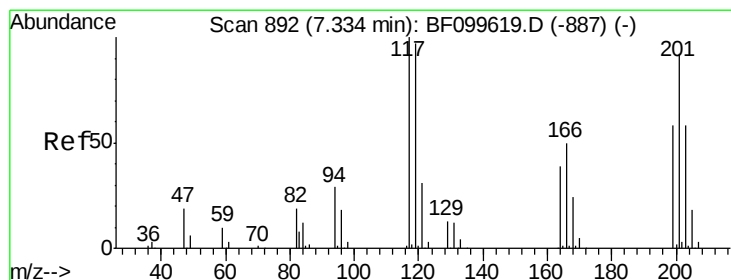
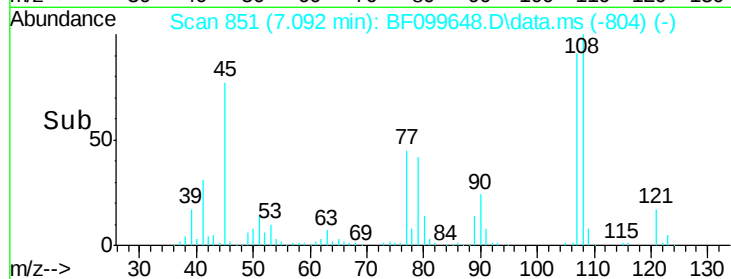
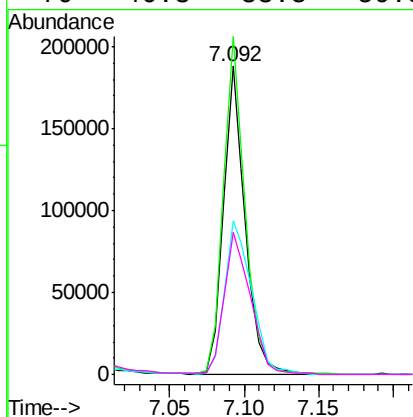
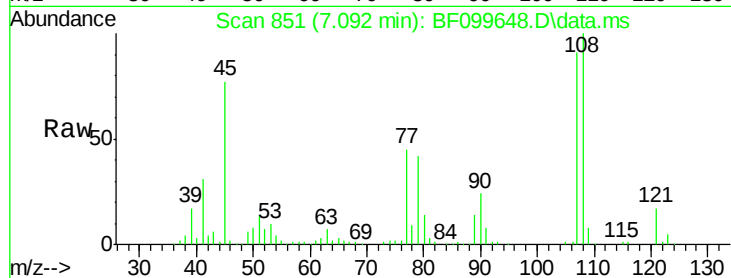




#17
2-Methylphenol
Concen: 37.49 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.024 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

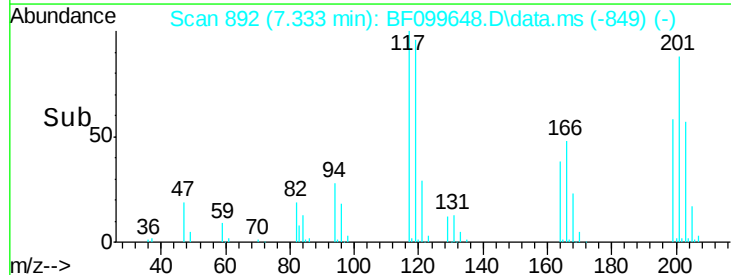
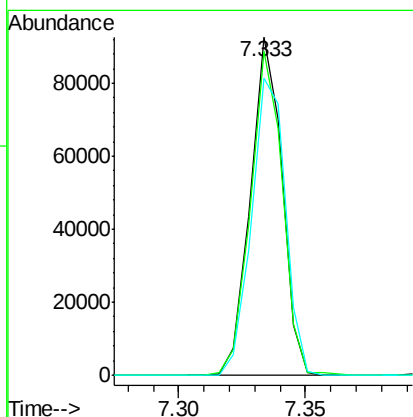
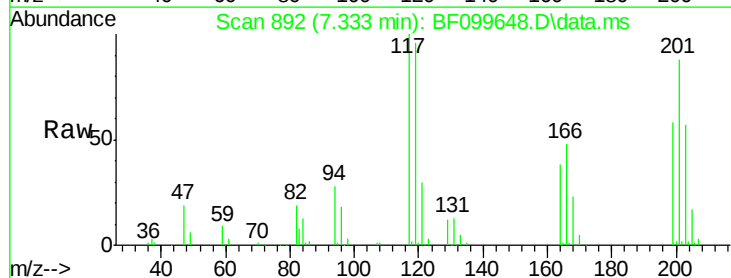
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

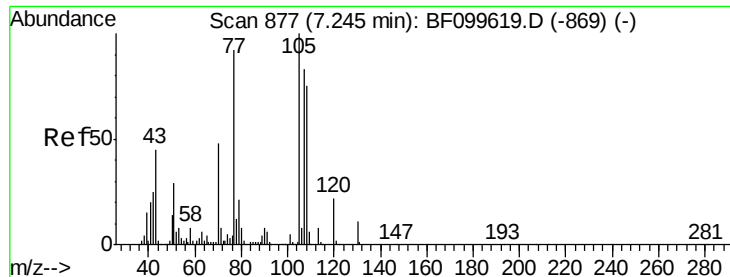
Tot Ion:107 Resp: 192278
Ion Ratio Lower Upper
107 100
108 109.7 91.7 137.5
77 49.8 33.8 50.8
79 46.3 33.8 50.8



#18
Hexachloroethane
Concen: 33.61 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.047 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:117 Resp: 80686
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 88.1 75.7 113.5

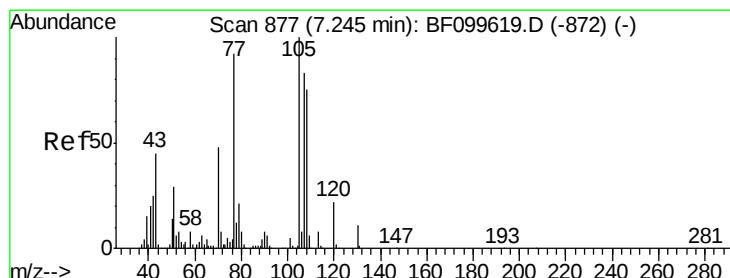
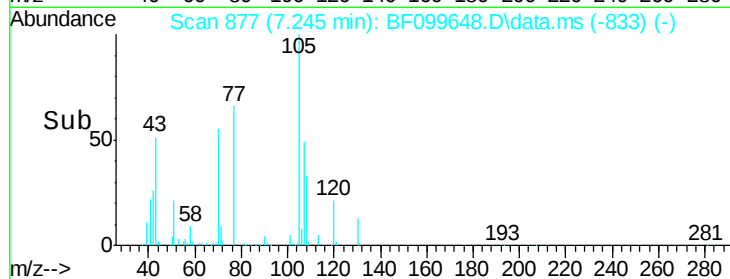
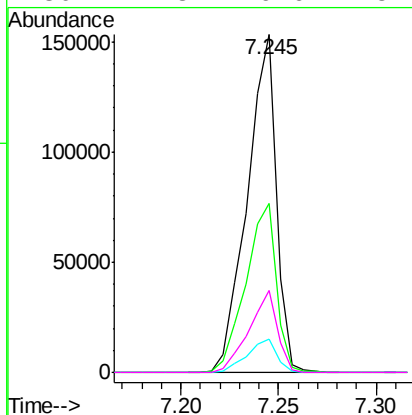
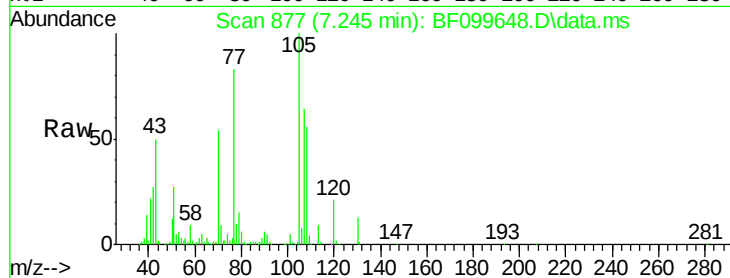




#19
n-Nitroso-di-n-propylamine
Concen: 36.38 ng
RT: 7.245 min Scan# 87
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

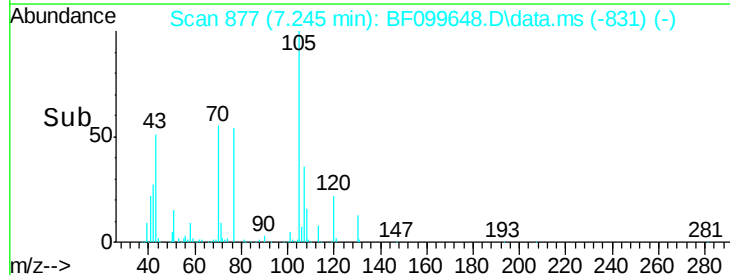
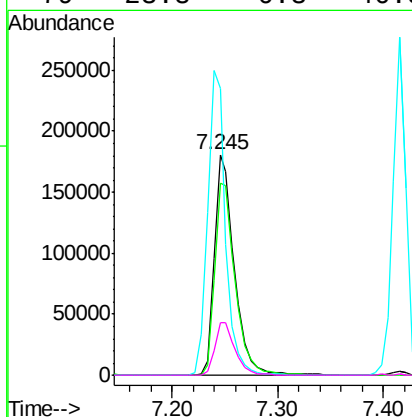
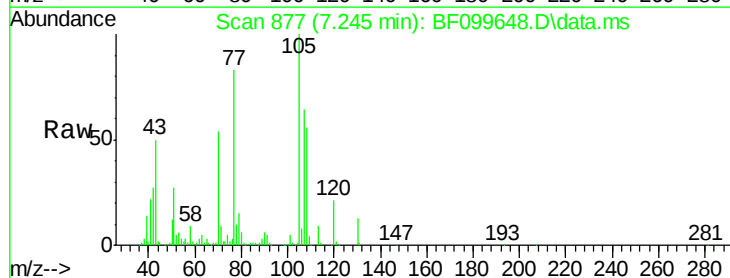
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

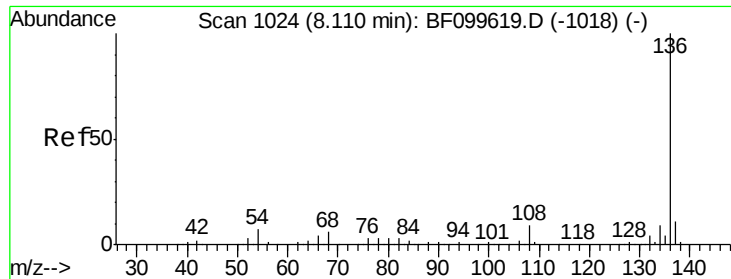
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	9.9	7.4	11.2
130	24.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.07 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.030 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	129.9	26.7	66.7#
79	23.8	6.3	46.3

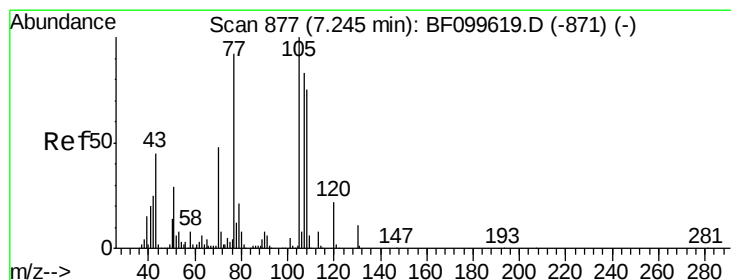
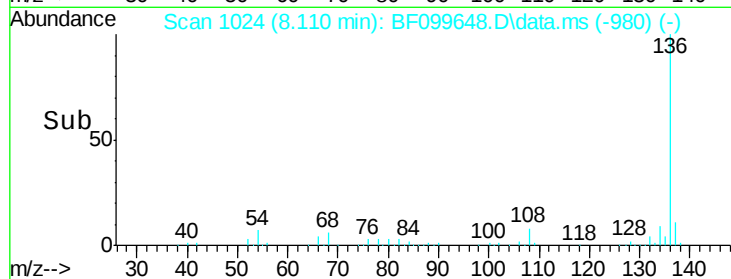
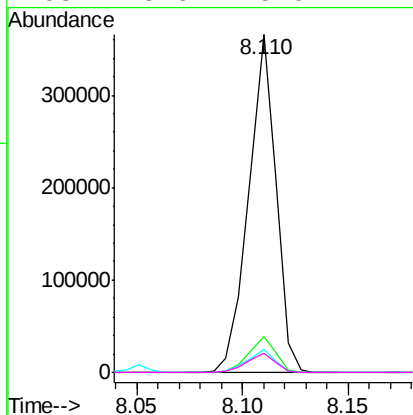
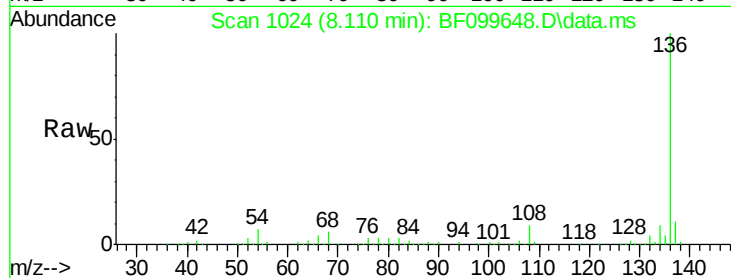




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 10
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

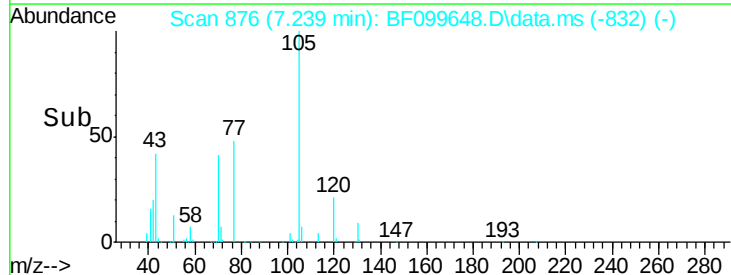
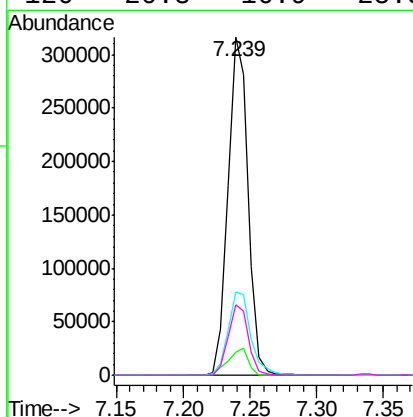
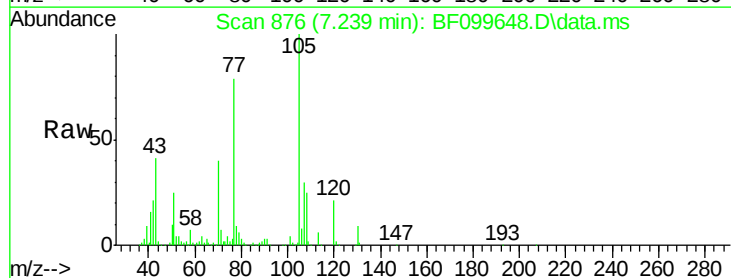
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

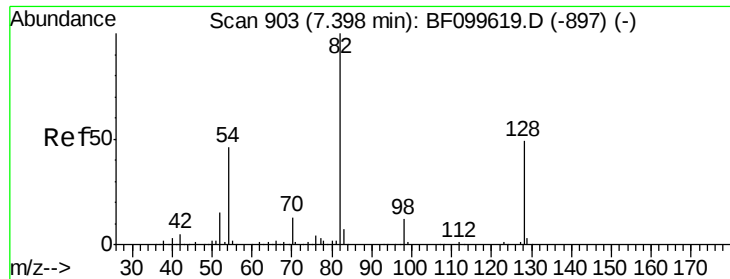
Tot Ion:136	Resp:	330473
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.9	6.6 9.8
68	5.6	5.0 7.4



#22
Acetophenone
Concen: 41.87 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:105	Resp:	335280
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.4 6.6#
51	24.8	22.3 33.5
120	20.8	16.9 25.3

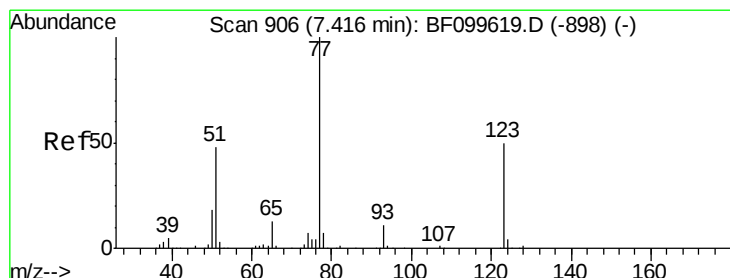
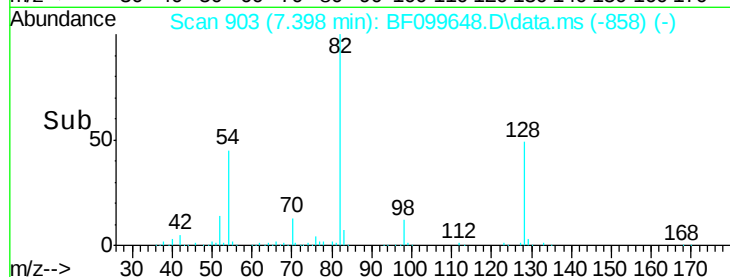
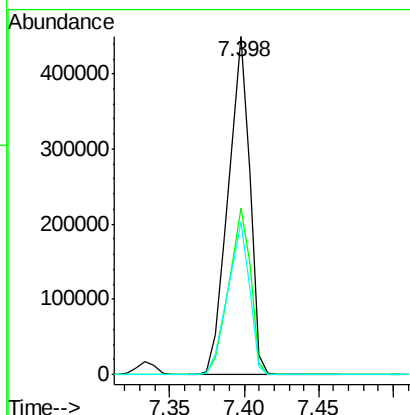
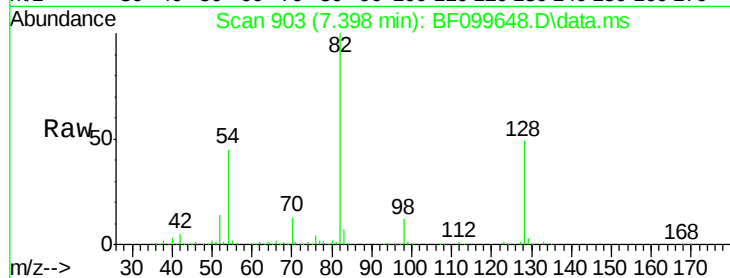




#23
 Nitrobenzene-d5
 Concen: 90.03 ng
 RT: 7.398 min Scan# 903
 Delta R.T. -0.035 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

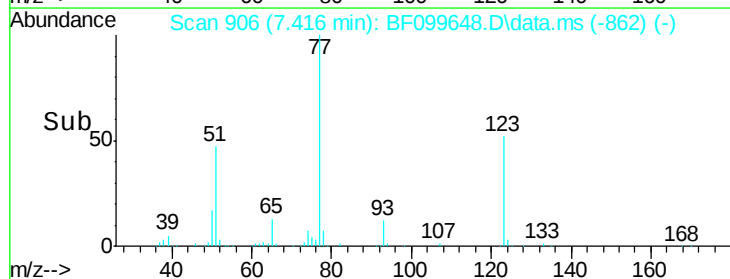
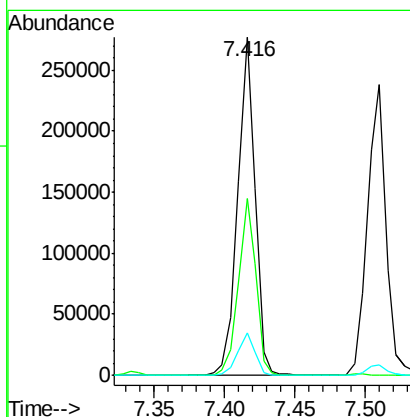
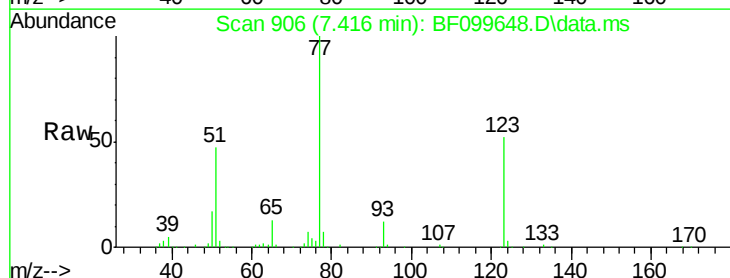
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

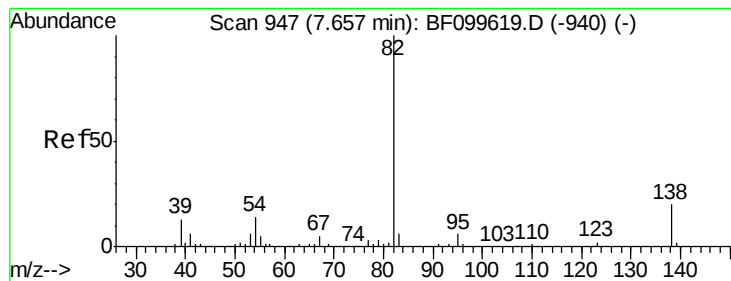
Tot Ion	82	Resp	463917
Ion Ratio	100	Lower	Upper
128	49.4	36.1	54.1
54	45.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.77 ng
 RT: 7.416 min Scan# 906
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	77	Resp	238341
Ion Ratio	100	Lower	Upper
123	52.3	37.9	56.9
65	12.5	11.0	16.4





#25

Isophorone

Concen: 40.94 ng

RT: 7.651 min Scan# 94

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

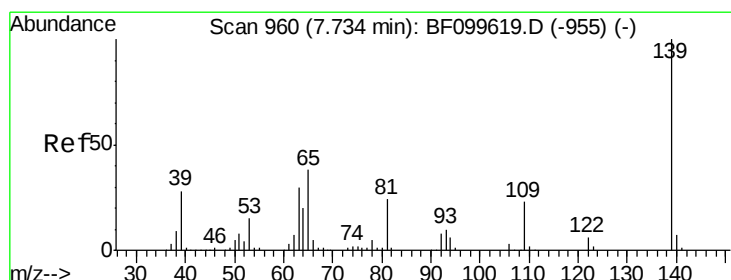
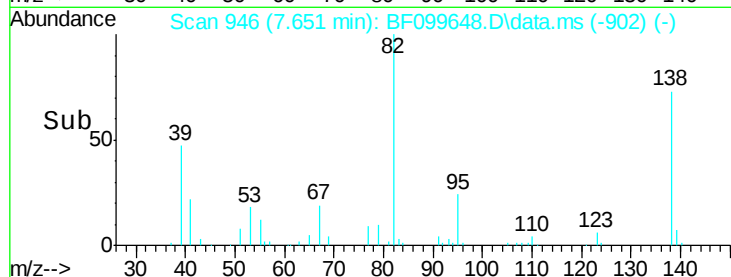
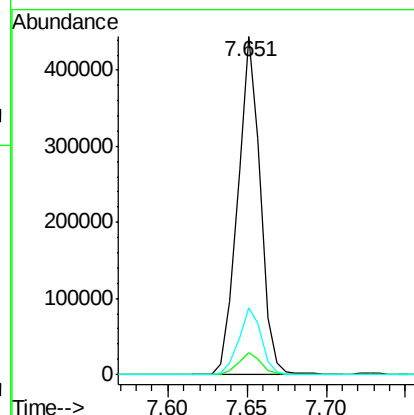
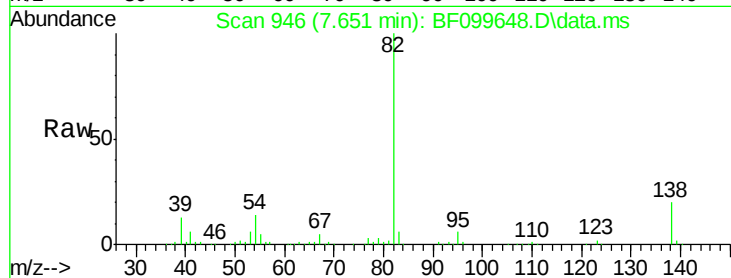
Tot Ion: 82 Resp: 436162

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 42.26 ng

RT: 7.733 min Scan# 960

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

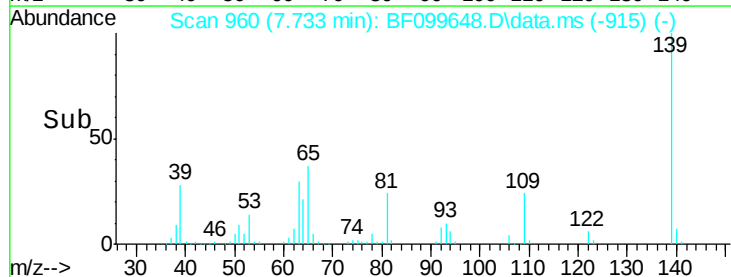
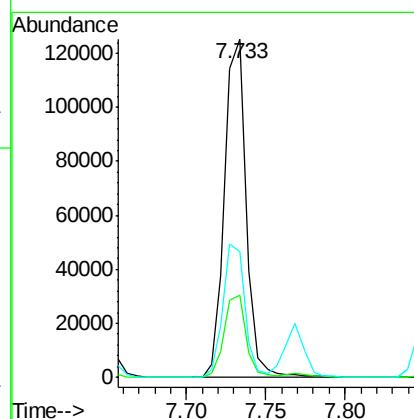
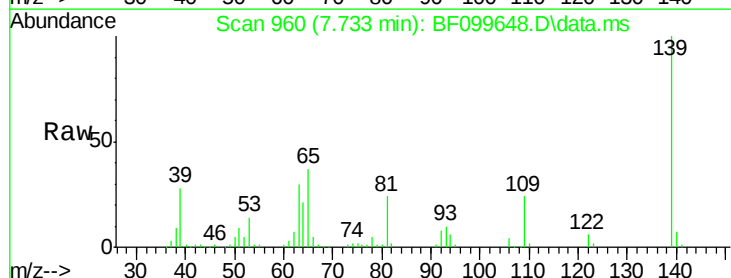
Tgt Ion: 139 Resp: 118806

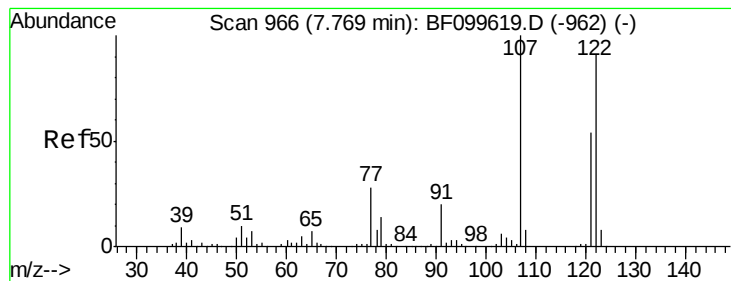
Ion Ratio Lower Upper

139 100

109 24.1 22.7 34.1

65 37.1 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.769 min Scan# 96

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

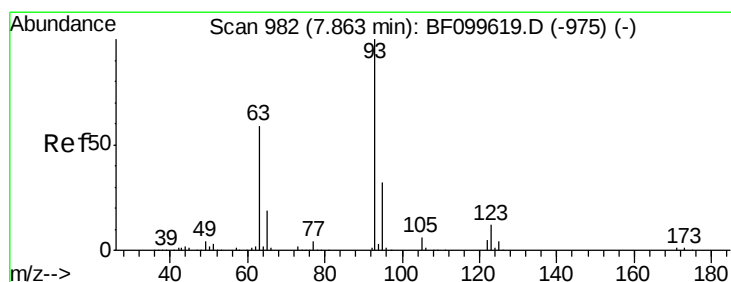
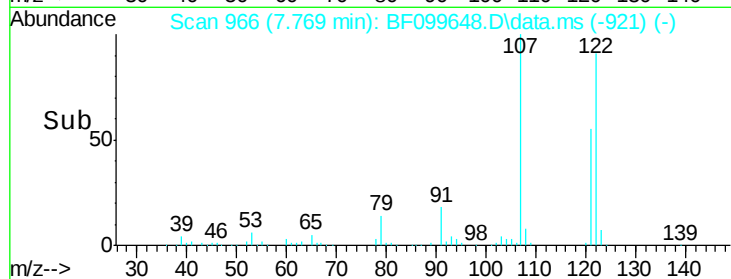
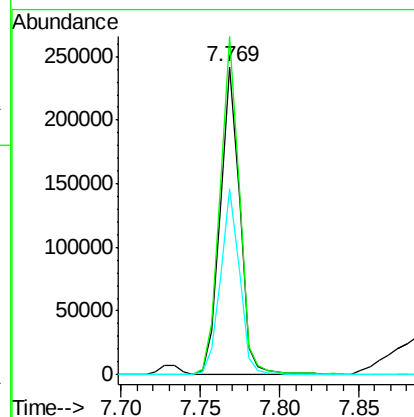
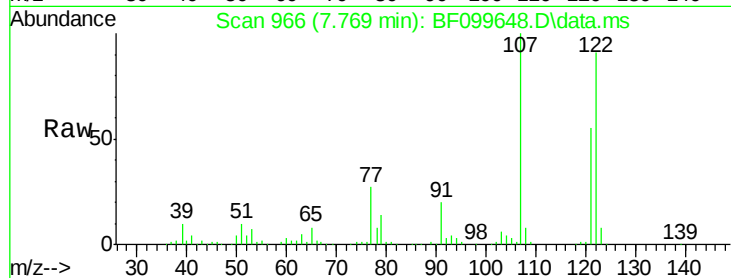
Tot Ion:122 Resp: 205426

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

121 60.4 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.42 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

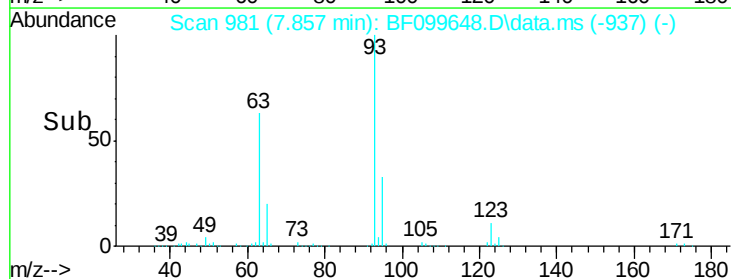
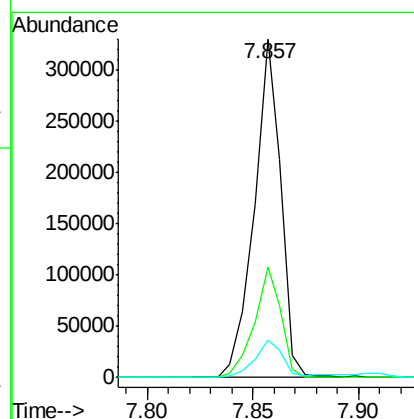
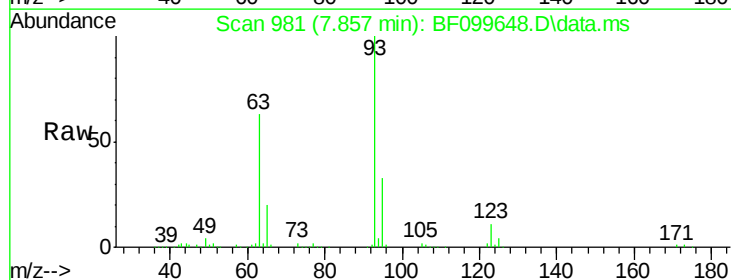
Tgt Ion: 93 Resp: 288284

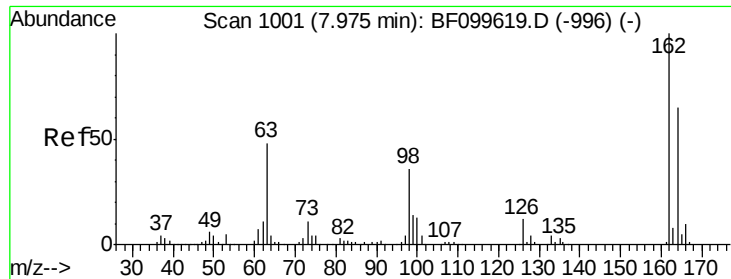
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.2 9.8 14.6

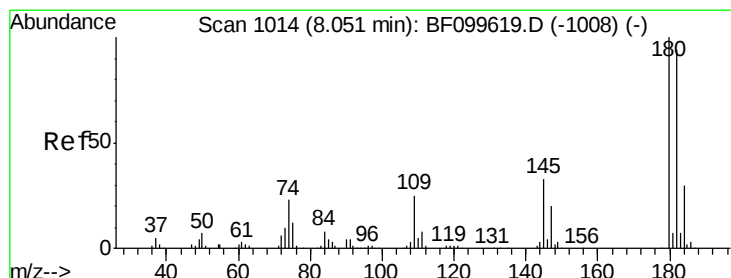
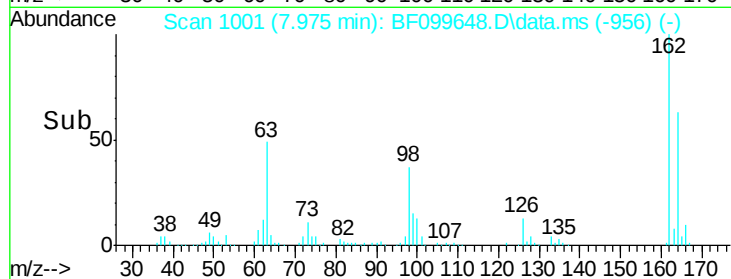
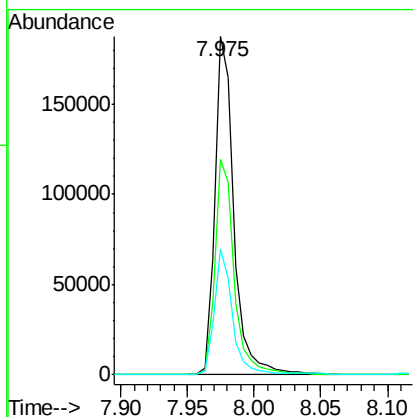
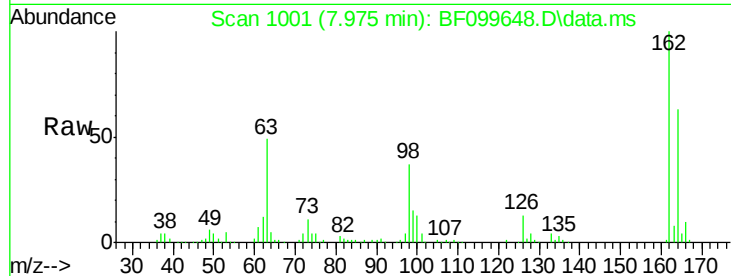




#29
2,4-Dichlorophenol
Concen: 41.35 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

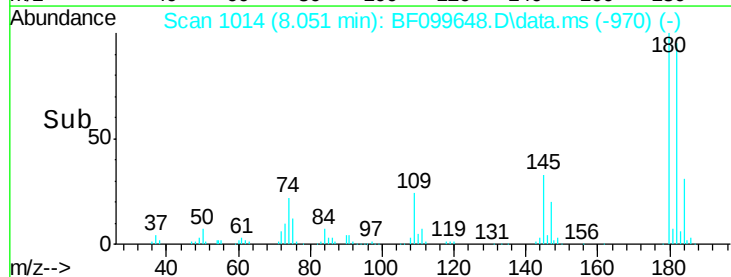
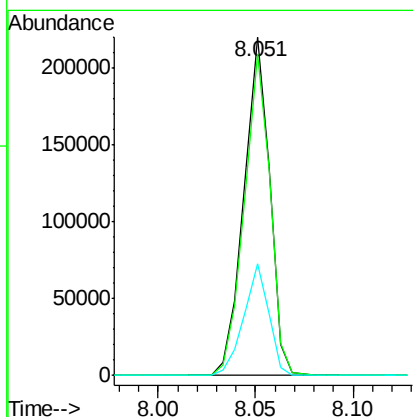
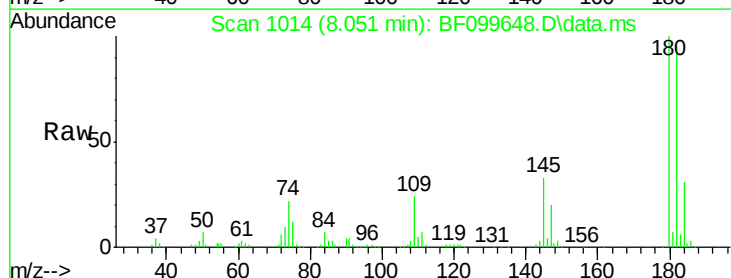
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

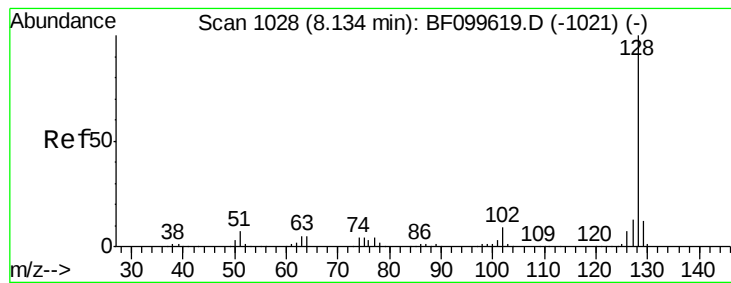
Tot Ion:162 Resp: 188474
Ion Ratio Lower Upper
162 100
164 63.5 42.7 82.7
98 37.2 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 44.15 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:180 Resp: 201258
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 32.8 26.5 39.7





#31

Naphthalene

Concen: 44.01 ng

RT: 8.133 min Scan# 10

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

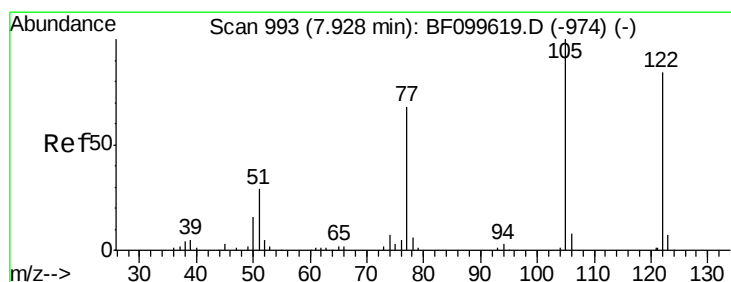
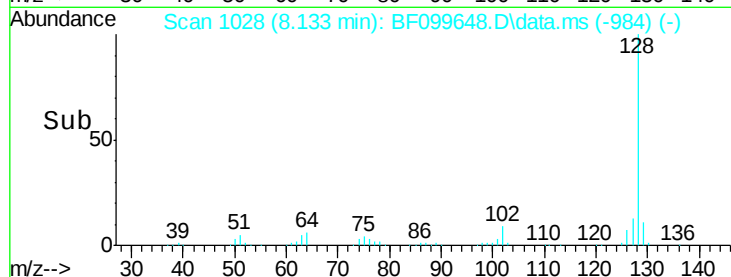
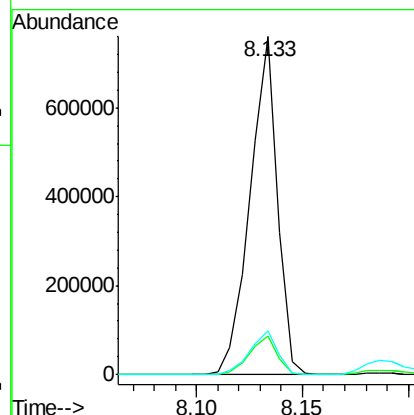
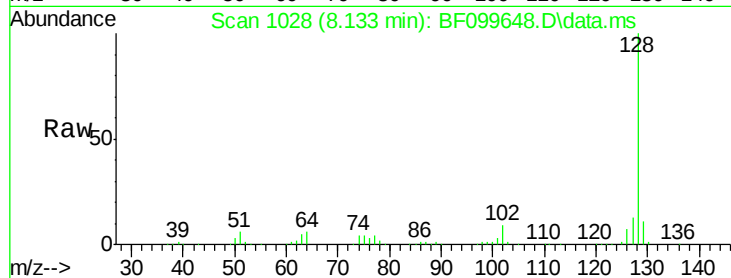
Tot Ion:128 Resp: 683118

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 12.9 10.9 16.3



#32

Benzoic acid

Concen: 24.64 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

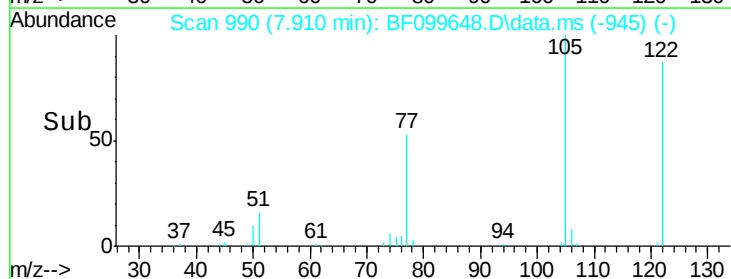
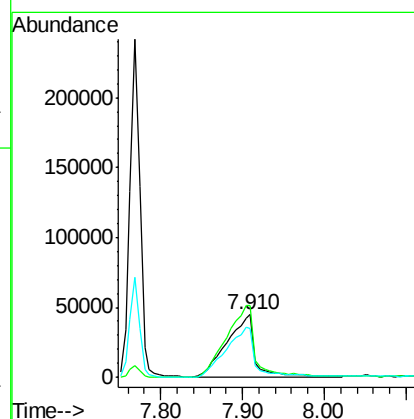
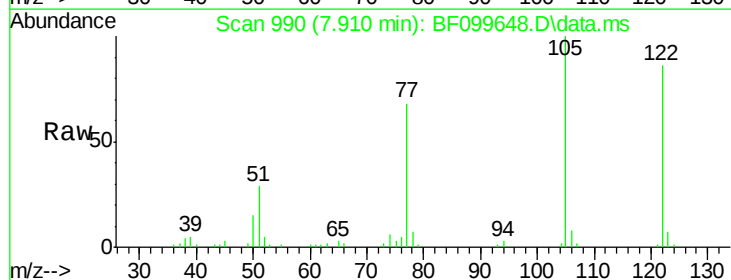
Tgt Ion:122 Resp: 107460

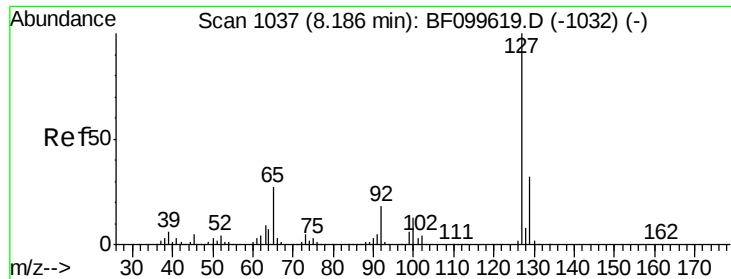
Ion Ratio Lower Upper

122 100

105 115.9 101.1 141.1

77 78.7 70.7 110.7

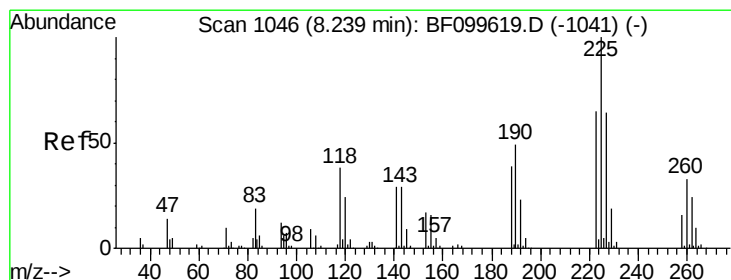
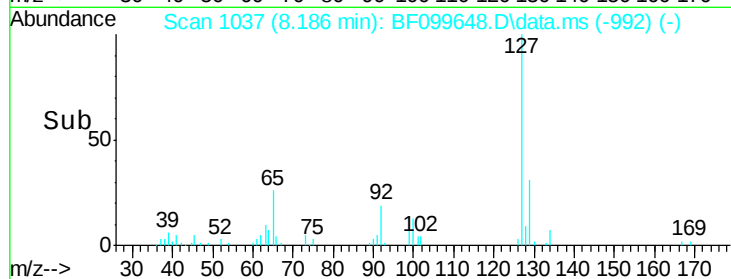
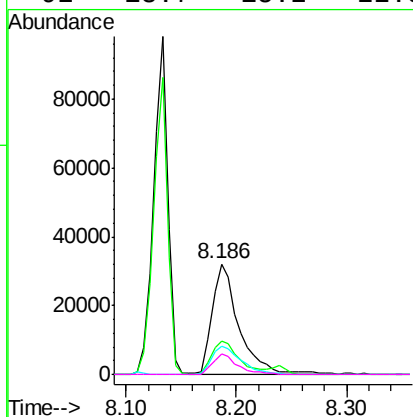
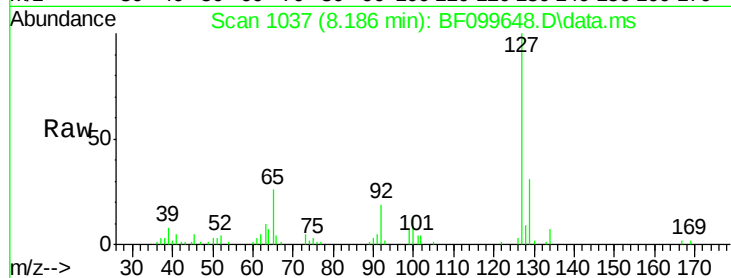




#33
4-Chloroaniline
Concen: 8.32 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

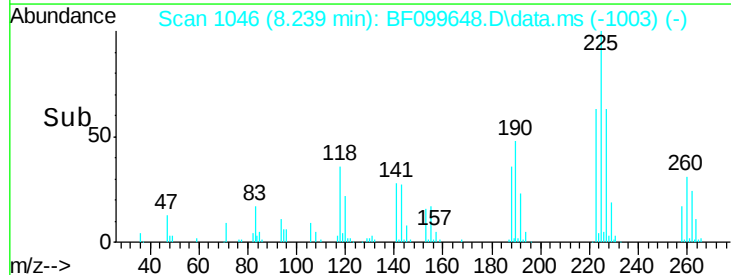
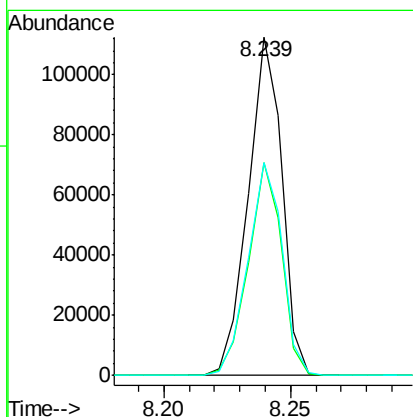
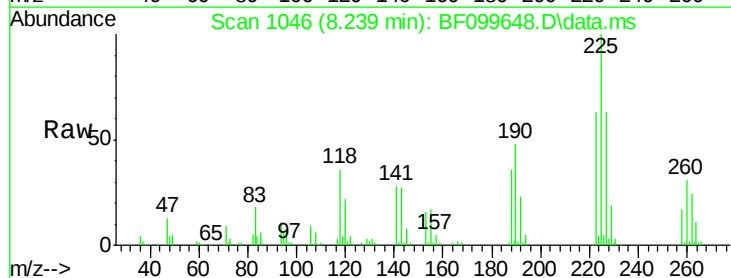
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

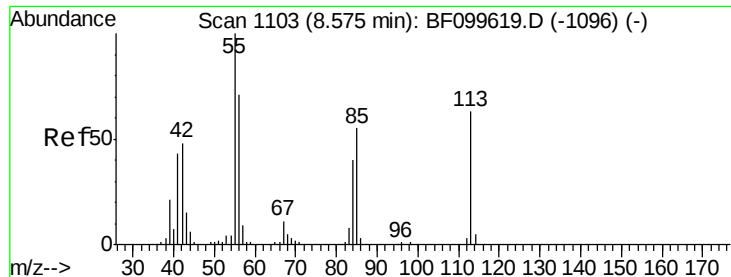
Tot Ion:	127	Resp:	53958
Ion Ratio		Lower	Upper
127	100		
129	30.6	25.9	38.9
65	25.9	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.43 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.047 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:	225	Resp:	104325
Ion Ratio		Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	51.9	77.9

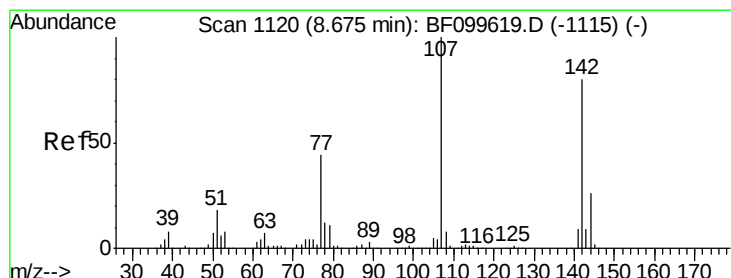
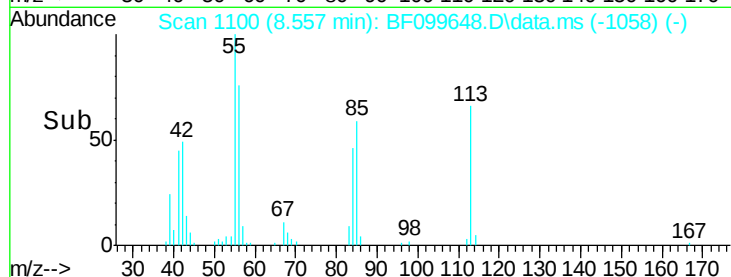
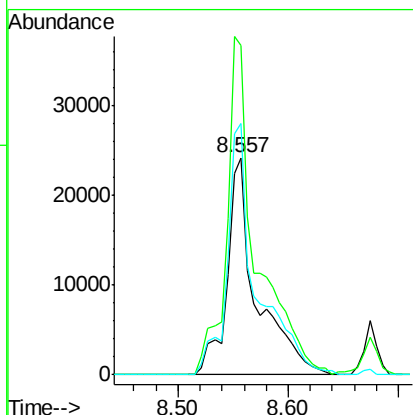
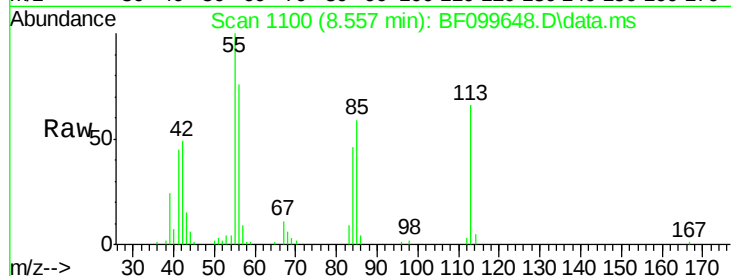




#35
 Caprolactam
 Concen: 30.77 ng
 RT: 8.557 min Scan# 1103
 Delta R.T. -0.053 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

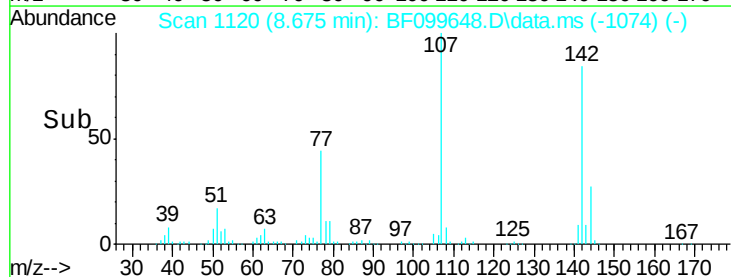
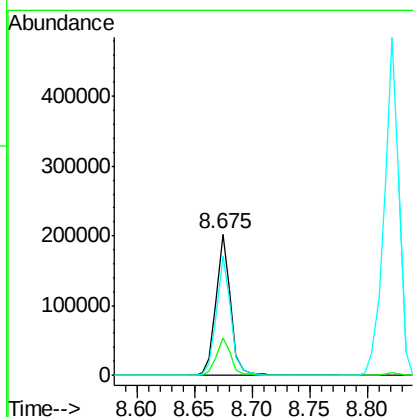
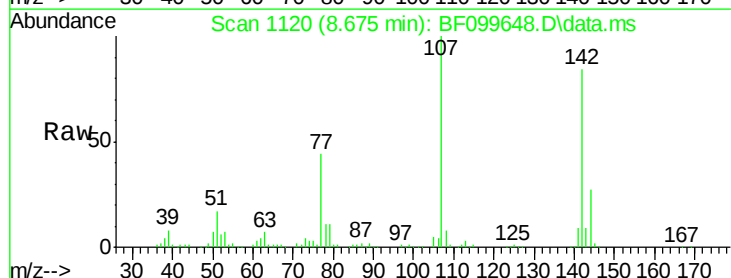
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

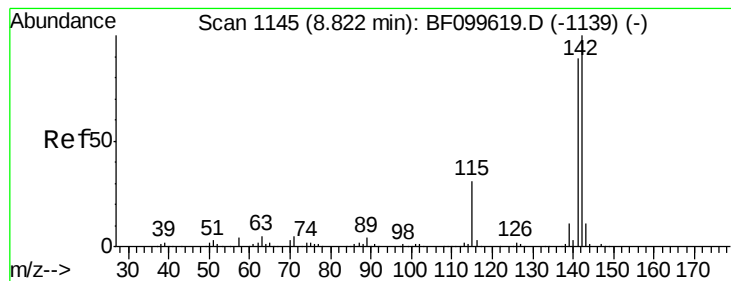
Tot Ion:113 Resp: 44991
 Ion Ratio Lower Upper
 113 100
 55 152.0 163.3 203.3#
 56 115.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.49 ng
 RT: 8.675 min Scan# 1120
 Delta R.T. -0.030 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:107 Resp: 176670
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 84.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 43.34 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

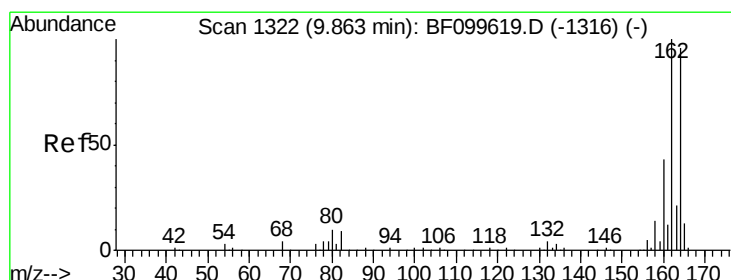
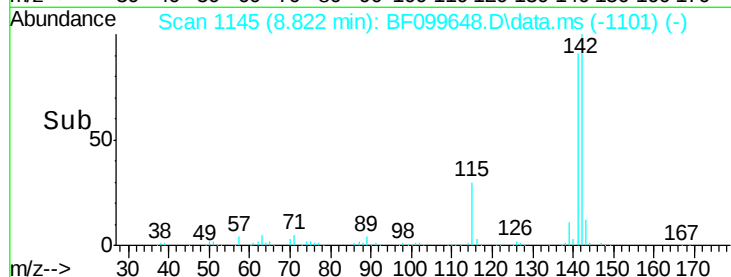
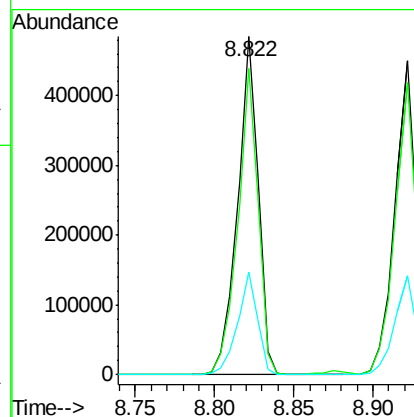
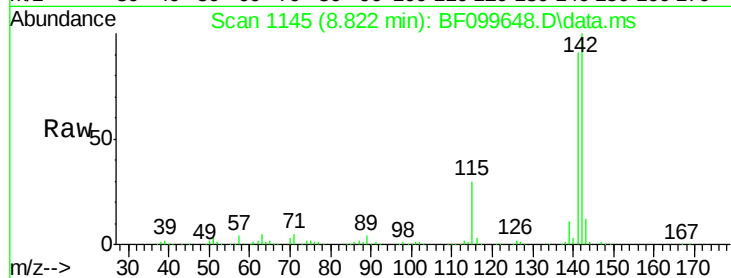
Tot Ion:142 Resp: 437339

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

115 30.2 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

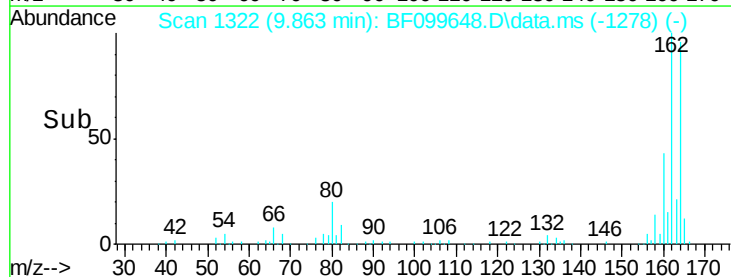
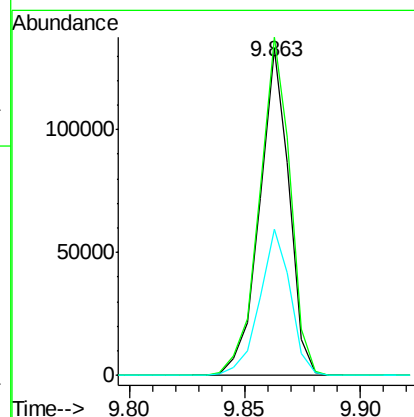
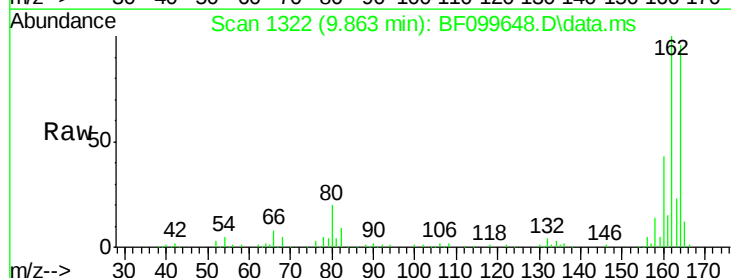
Tgt Ion:164 Resp: 118417

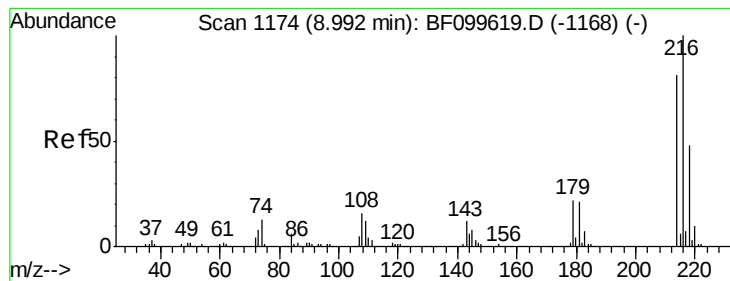
Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

160 44.7 38.3 57.5

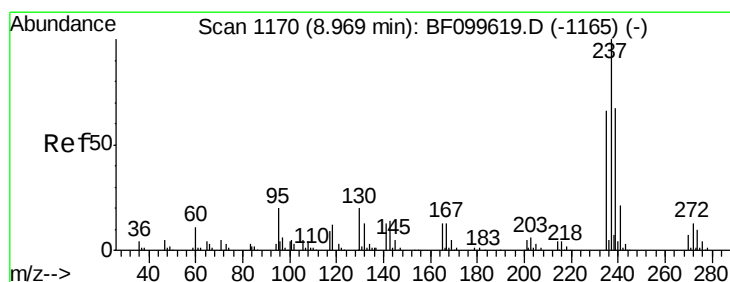
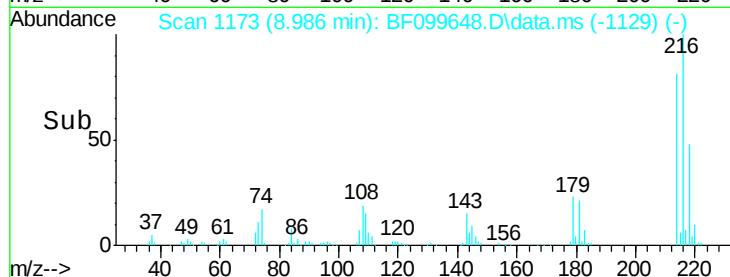
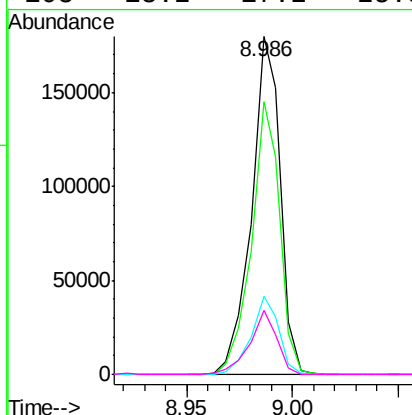
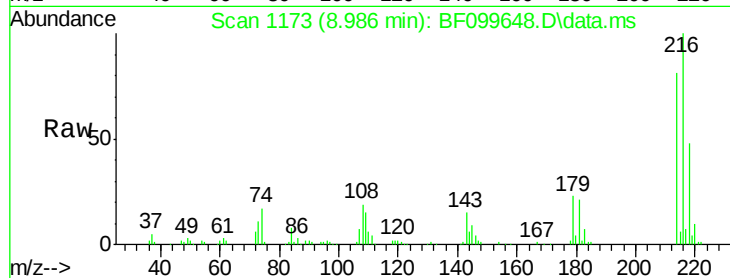




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.11 ng
 RT: 8.986 min Scan# 1173
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

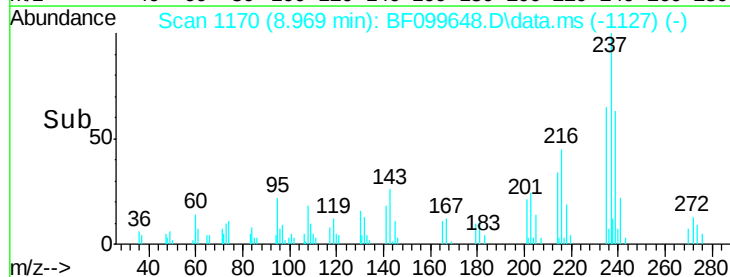
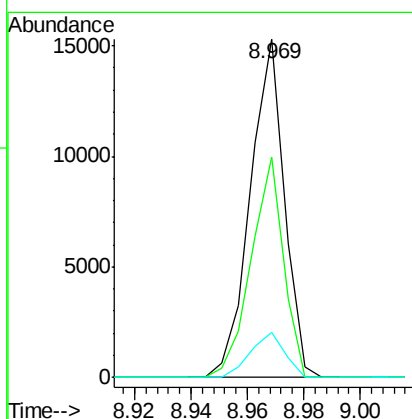
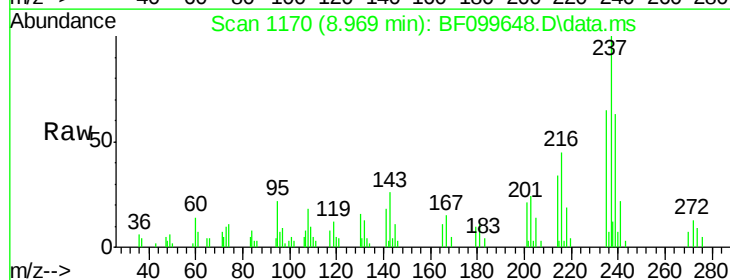
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

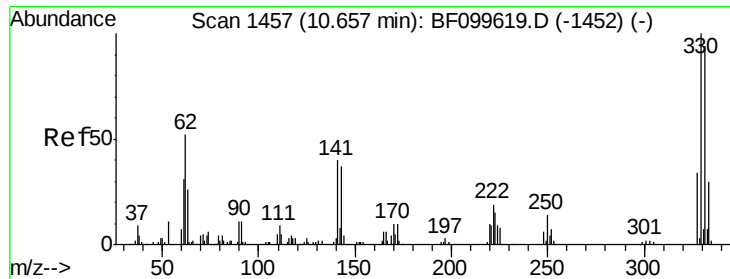
Tot Ion:	216	Resp:	169912
Ion Ratio		Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.3	18.1	27.1
108	18.2	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 7.95 ng
 RT: 8.969 min Scan# 1170
 Delta R.T. -0.047 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:	237	Resp:	12835
Ion Ratio		Lower	Upper
237	100		
235	65.3	44.8	84.8
272	13.4	0.0	33.3

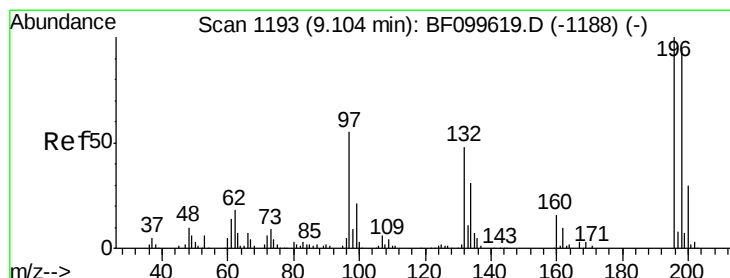
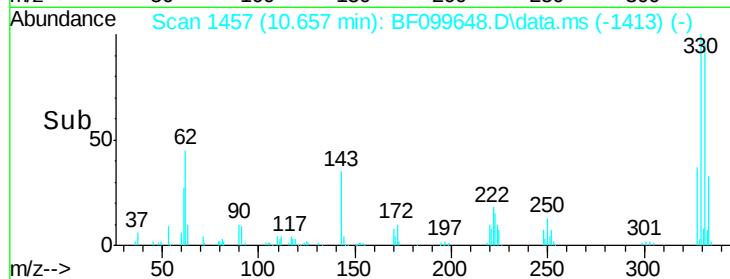
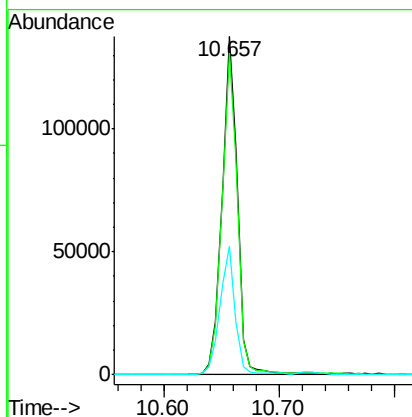
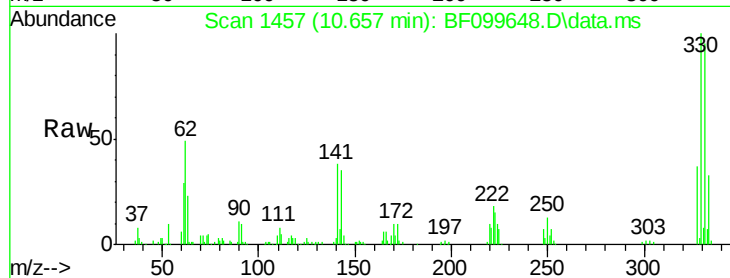




#41
 2,4,6-Tribromophenol
 Concen: 131.77 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

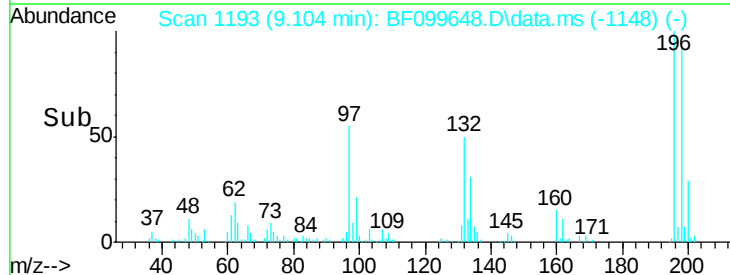
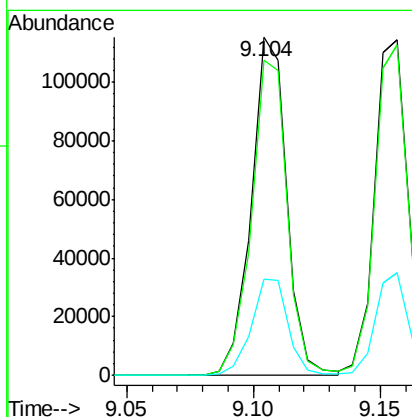
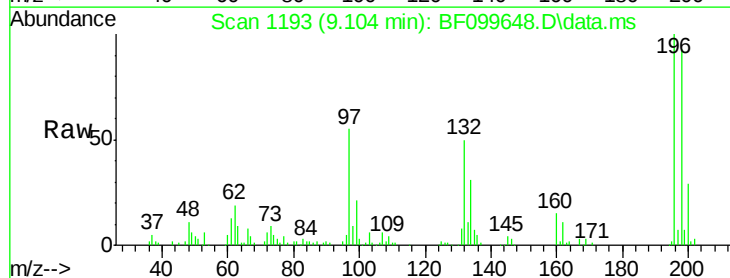
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

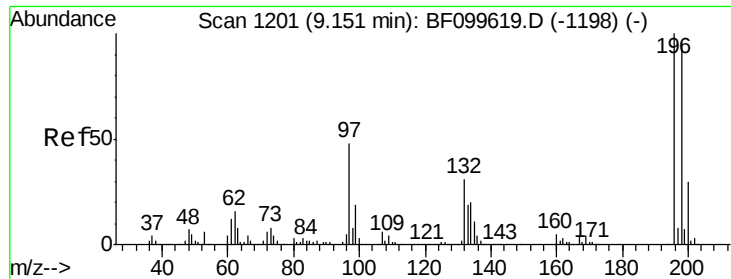
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	37.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.93 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. -0.035 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	28.6	24.5	36.7

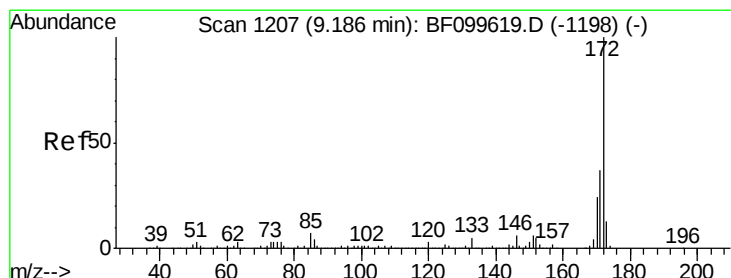
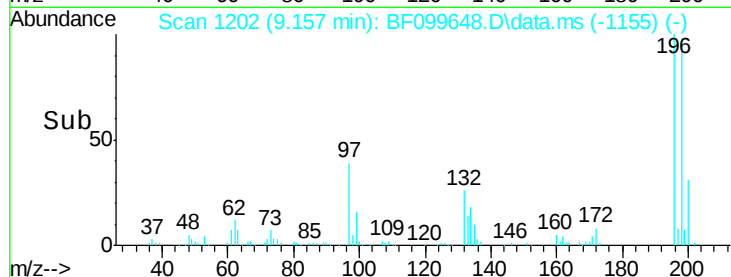
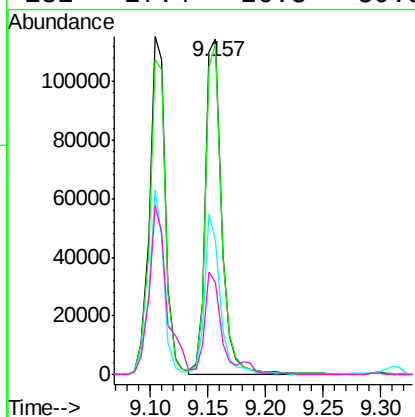
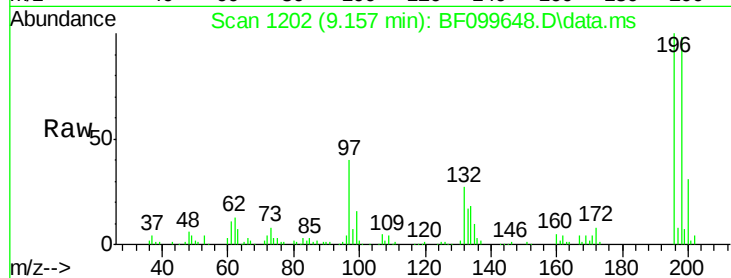




#43
 2,4,5-Trichlorophenol
 Concen: 45.70 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. -0.024 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

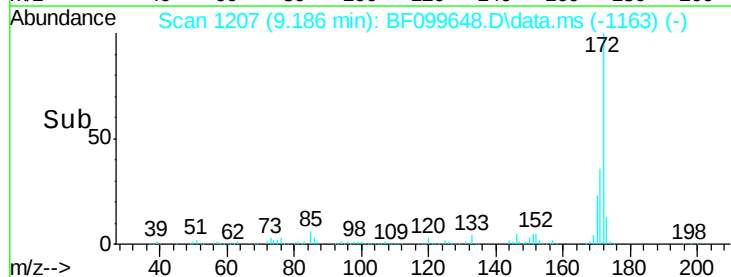
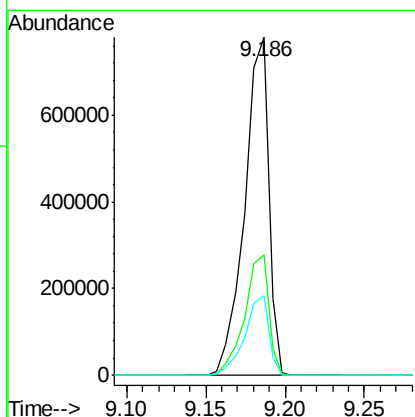
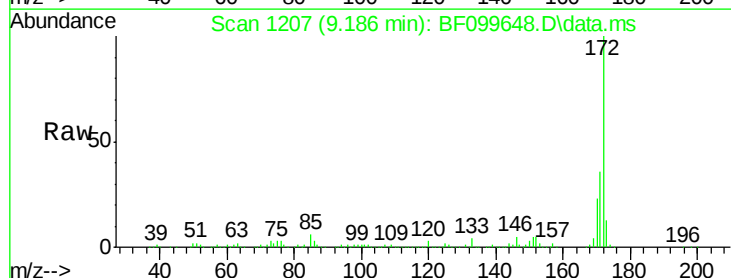
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

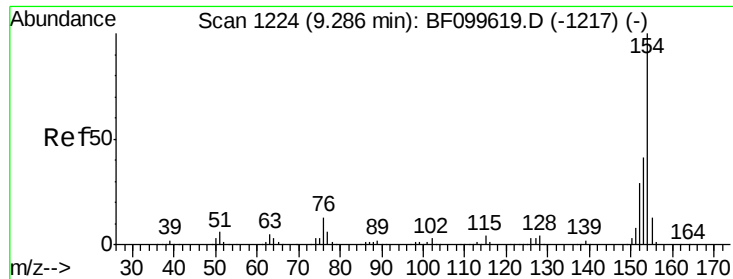
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	74.6	112.0
97	40.0	42.9	64.3
132	27.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 115.61 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4

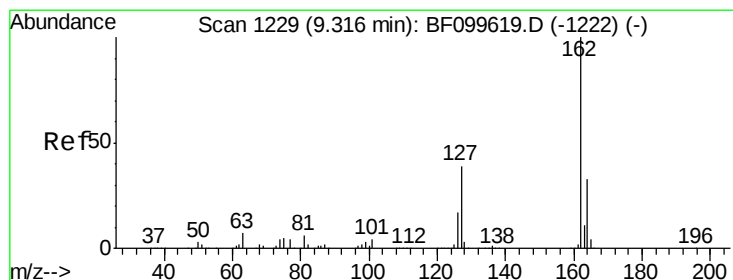
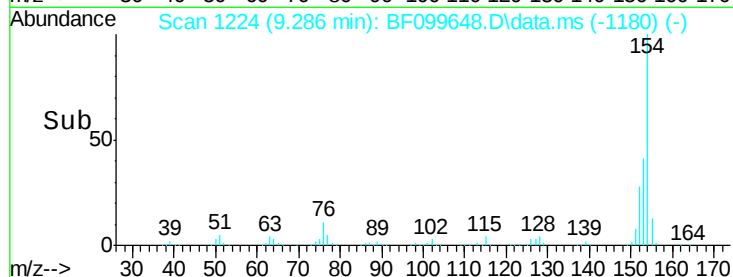
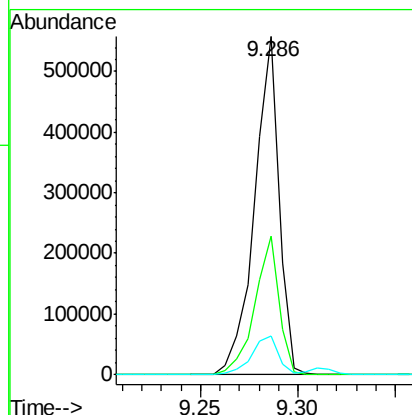
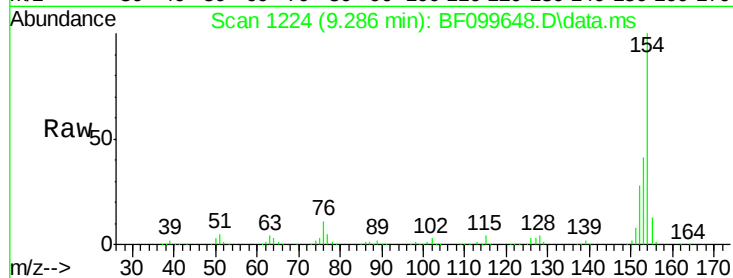




#45
 1,1'-Biphenyl
 Concen: 47.79 ng
 RT: 9.286 min Scan# 1224
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

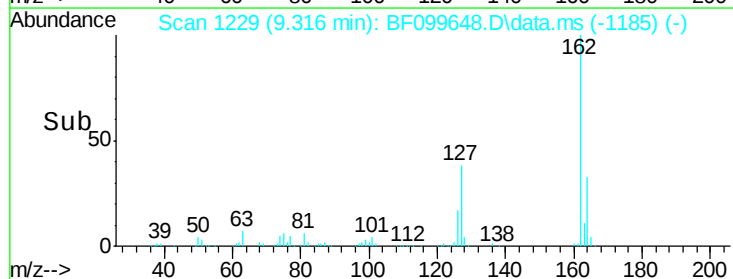
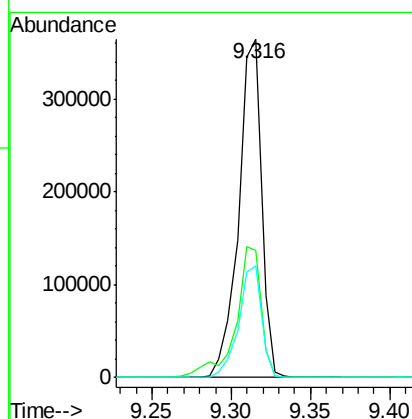
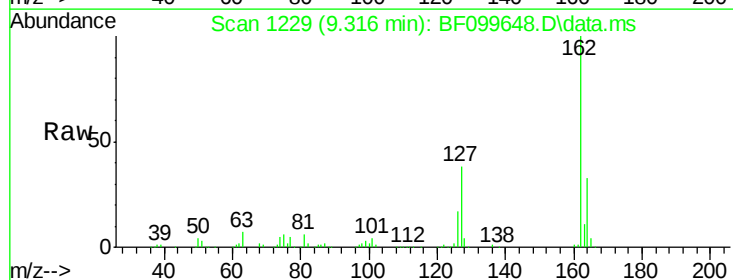
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

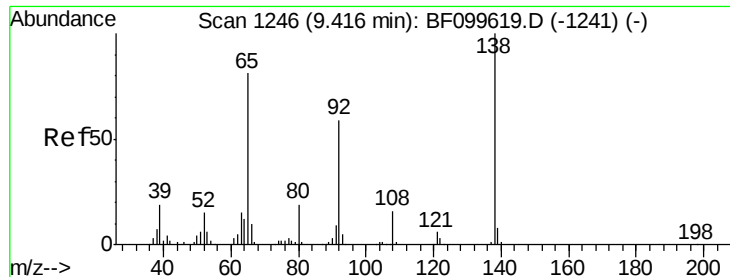
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	11.4	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 47.89 ng
 RT: 9.316 min Scan# 1229
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	33.9	50.9
164	32.9	26.5	39.7

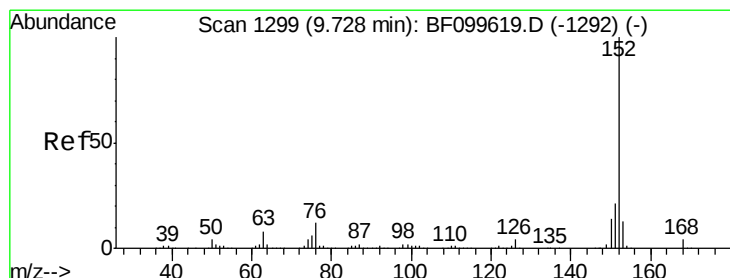
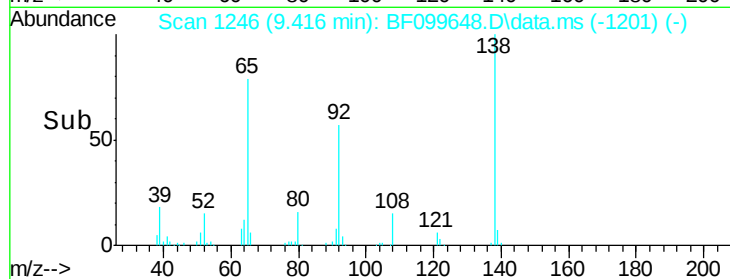
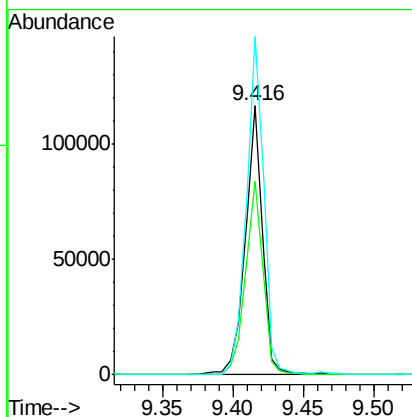
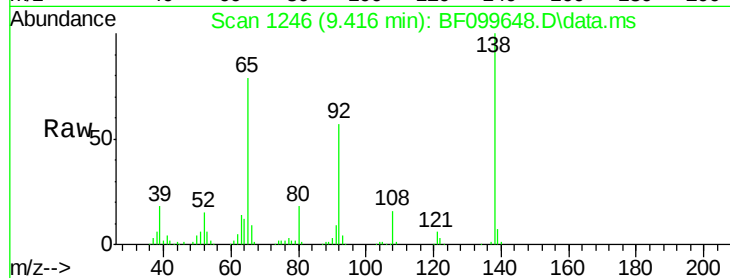




#47
2-Nitroaniline
Concen: 42.17 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

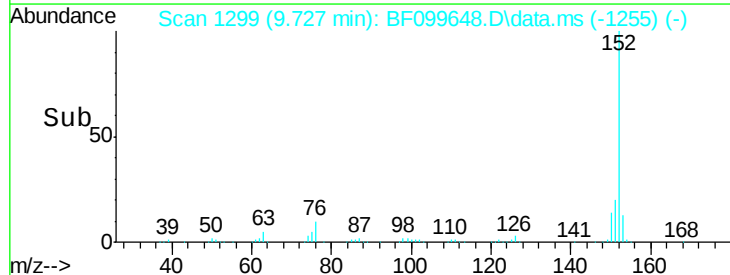
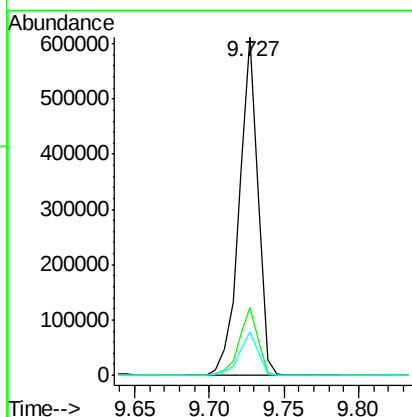
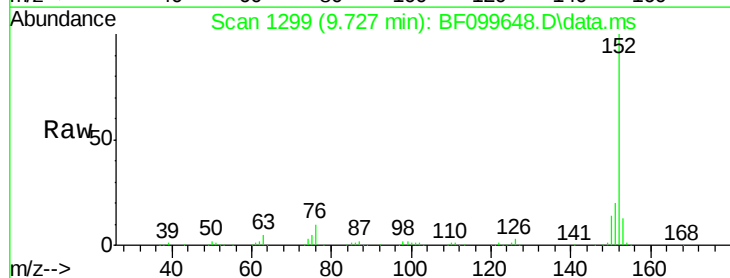
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

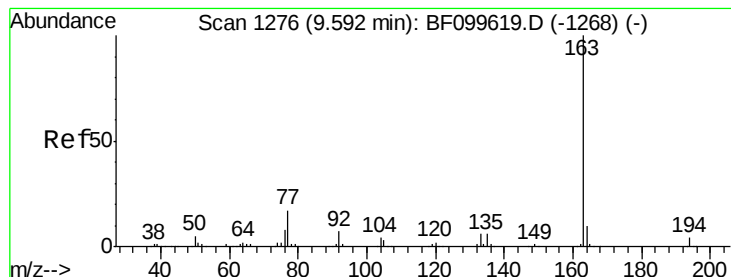
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.8	83.6
138	126.0	91.2	136.8



#48
Acenaphthylene
Concen: 45.61 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.8	10.7	16.1





#49

Dimethylphthalate

Concen: 48.71 ng

RT: 9.586 min Scan# 1276

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

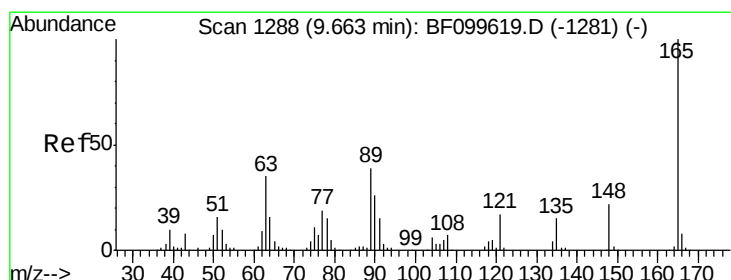
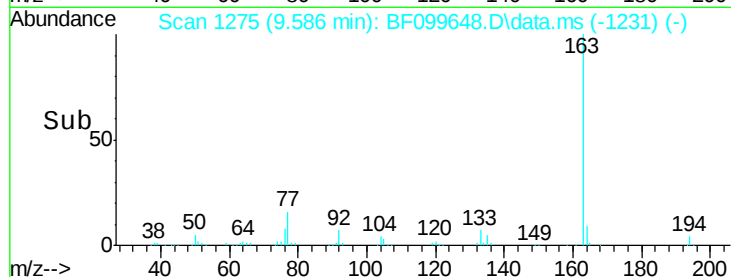
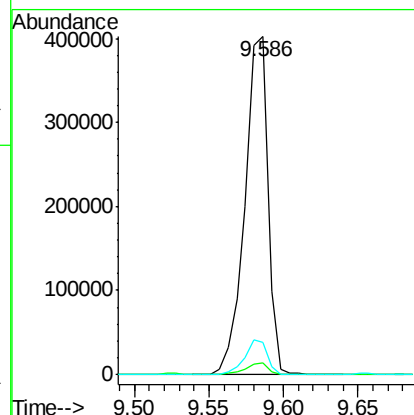
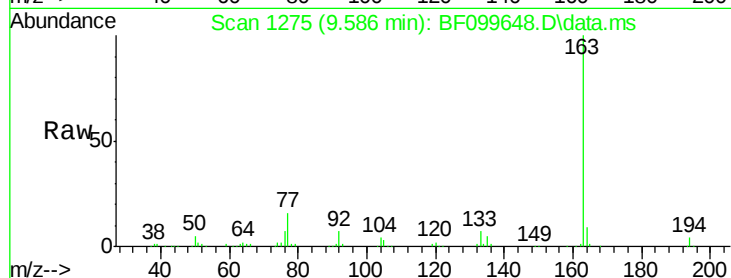
Tot Ion:163 Resp: 435326

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 9.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 45.12 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

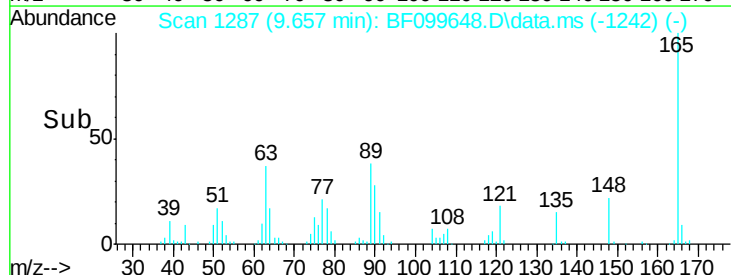
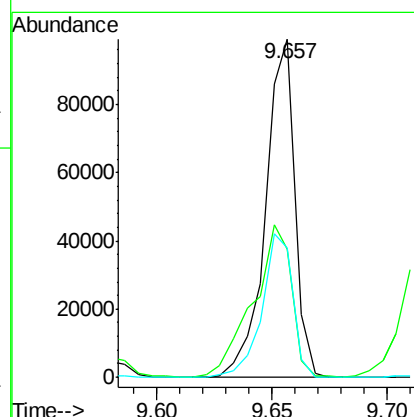
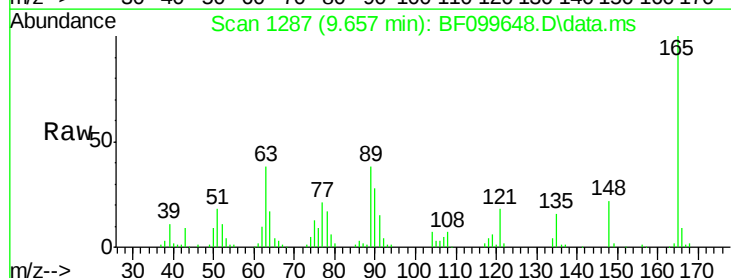
Tgt Ion:165 Resp: 87791

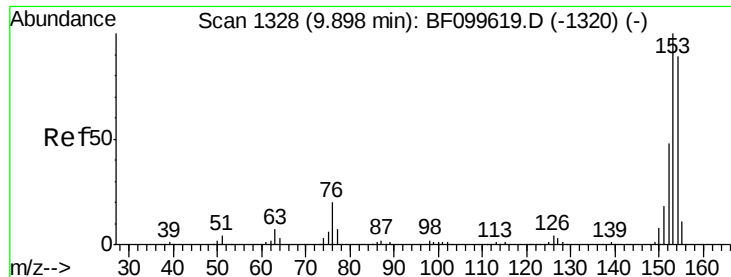
Ion Ratio Lower Upper

165 100

63 37.9 44.7 67.1#

89 38.3 44.0 66.0#





#51

Acenaphthene

Concen: 42.53 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.047 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

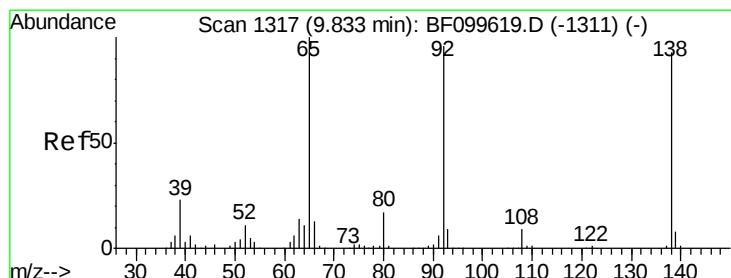
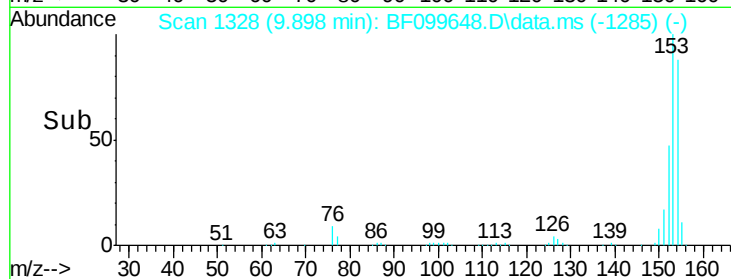
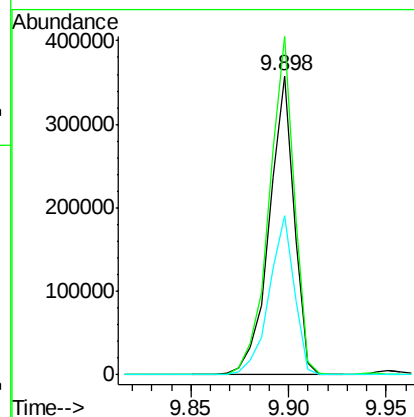
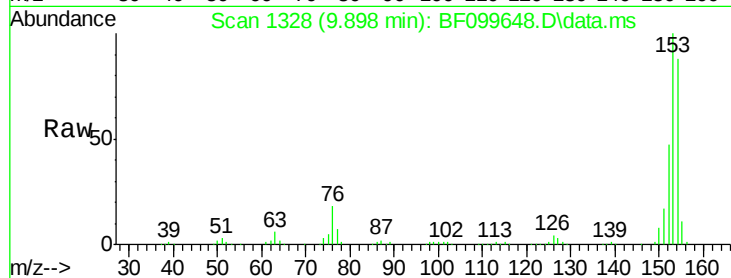
Tot Ion:154 Resp: 315127

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

152 53.3 43.8 65.8



#52

3-Nitroaniline

Concen: 22.55 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

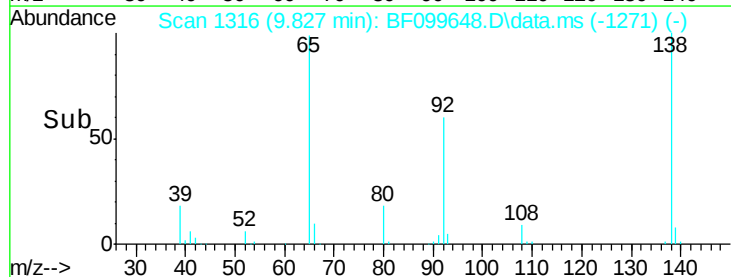
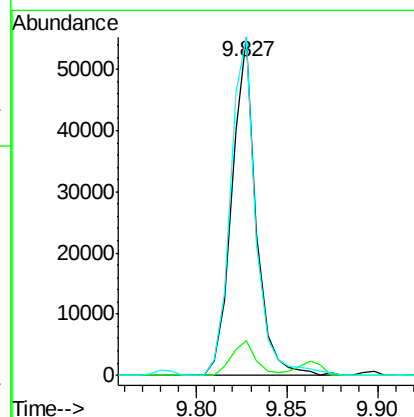
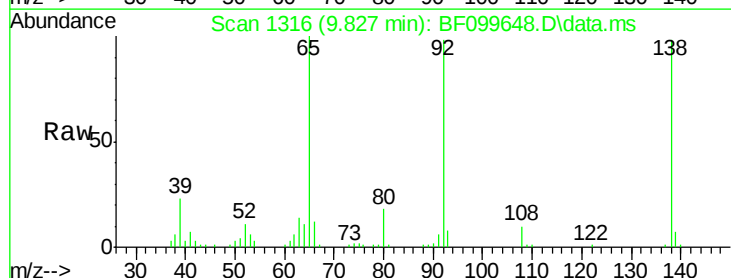
Tgt Ion:138 Resp: 51164

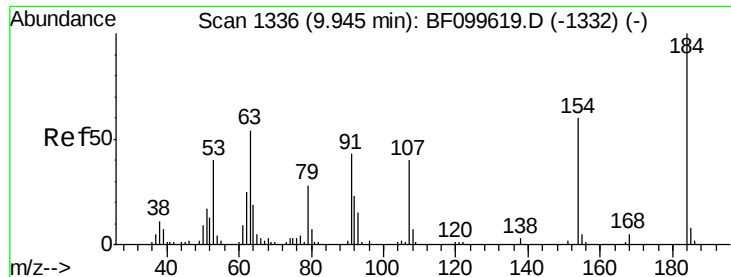
Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

92 99.9 89.4 134.2

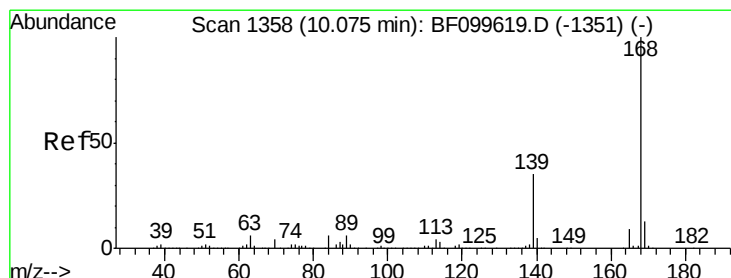
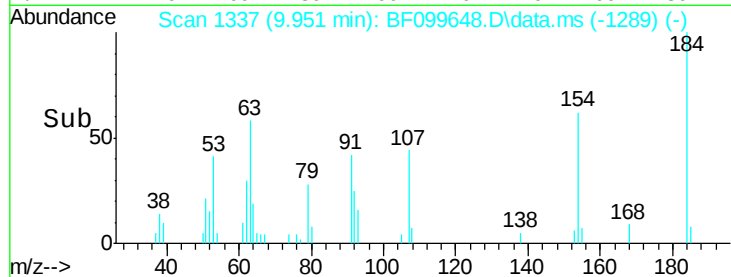
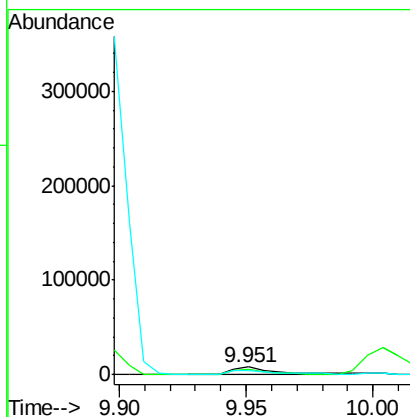
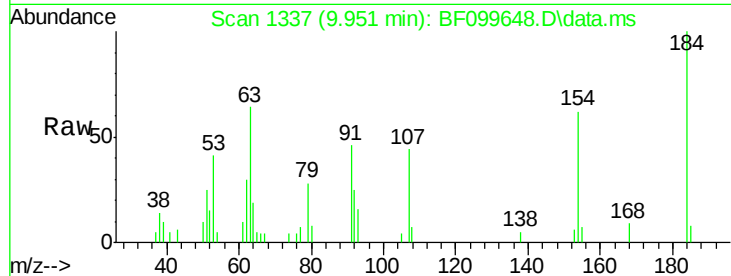




#53
 2,4-Dinitrophenol
 Concen: 14.90 ng
 RT: 9.951 min Scan# 1337
 Delta R.T. -0.018 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

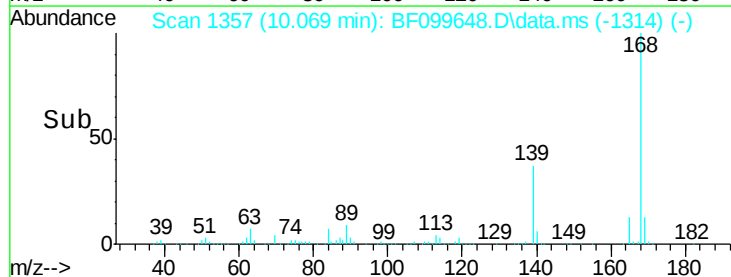
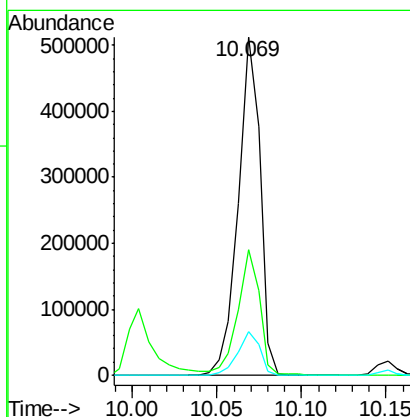
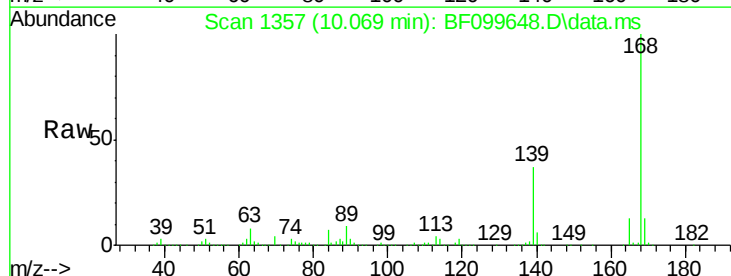
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

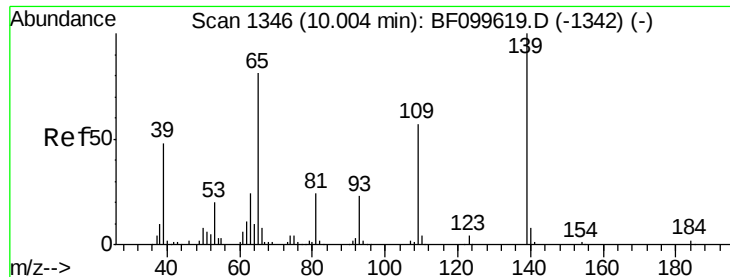
Tot Ion:184 Resp: 9908
 Ion Ratio Lower Upper
 184 100
 63 63.7 54.2 81.2
 154 61.6 53.5 80.3



#54
 Dibenzofuran
 Concen: 46.82 ng
 RT: 10.069 min Scan# 1357
 Delta R.T. -0.047 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:168 Resp: 461913
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.1 45.1
 169 13.0 10.9 16.3





#55

4-Nitrophenol

Concen: 55.77 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.018 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

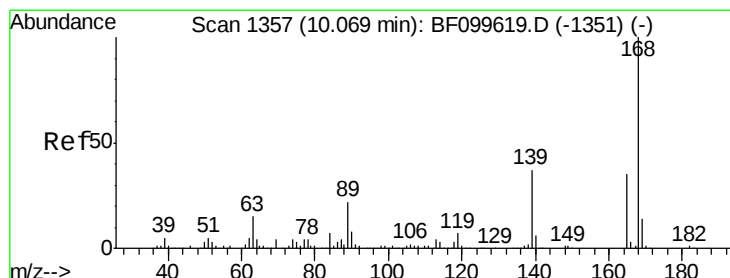
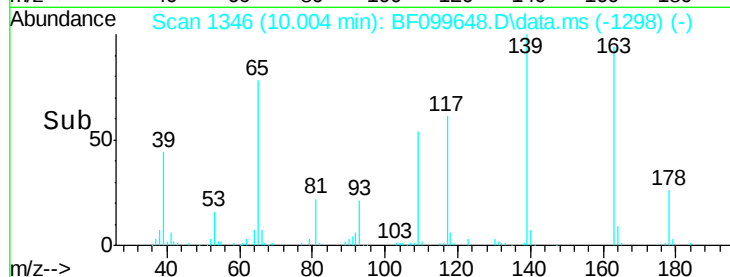
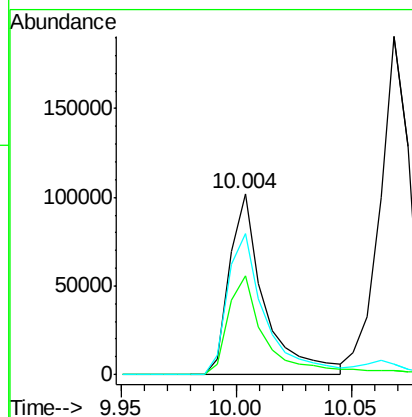
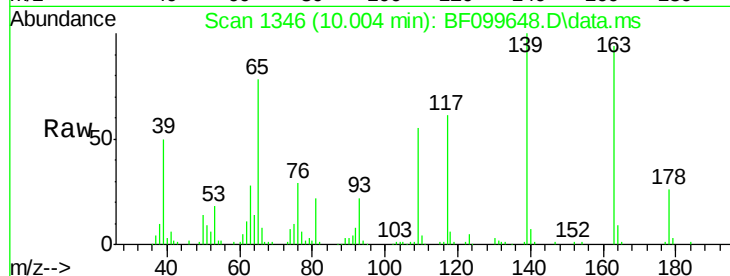
Tot Ion:139 Resp: 106988

Ion Ratio Lower Upper

139 100

109 54.9 48.4 88.4

65 78.2 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 39.63 ng

RT: 10.063 min Scan# 1356

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Tgt Ion:165 Resp: 100075

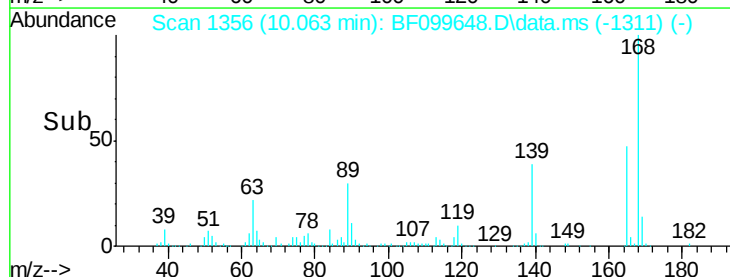
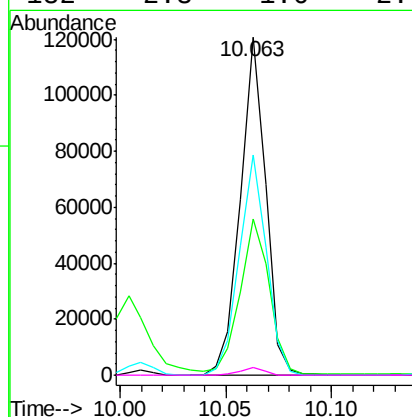
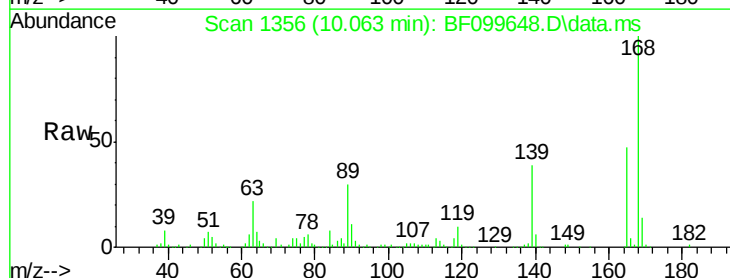
Ion Ratio Lower Upper

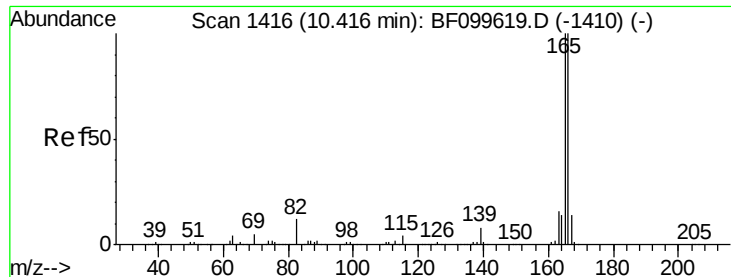
165 100

63 46.2 36.4 54.6

89 65.2 57.8 86.6

182 2.3 1.6 2.4

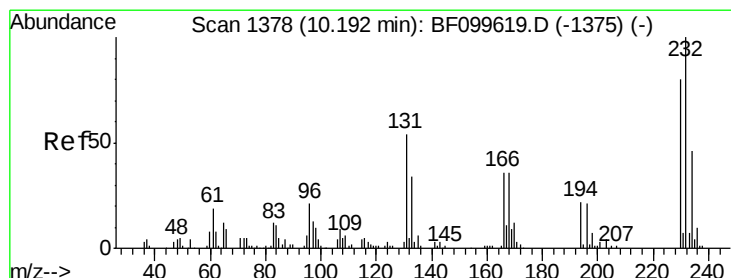
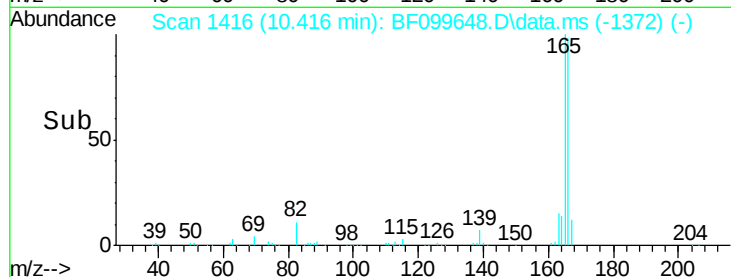
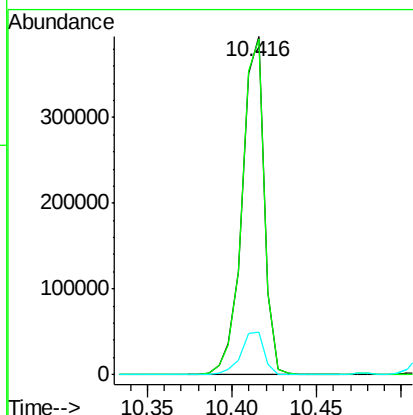
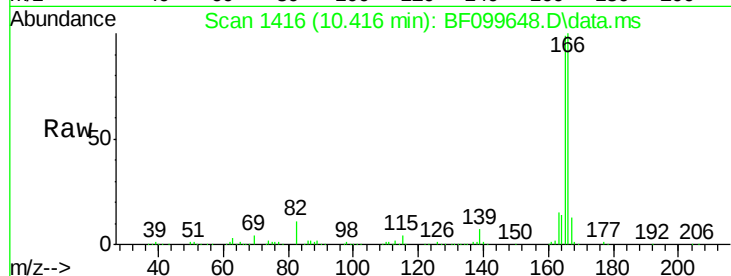




#57
 Fluorene
 Concen: 45.27 ng
 RT: 10.416 min Scan# 1416
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

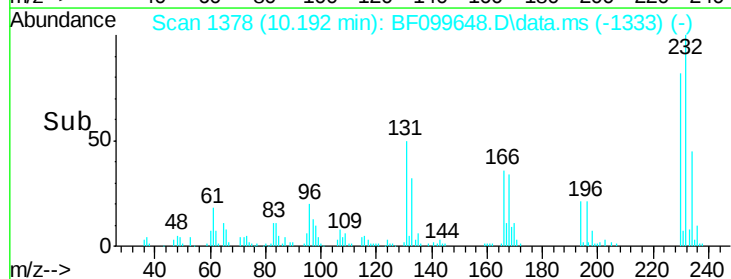
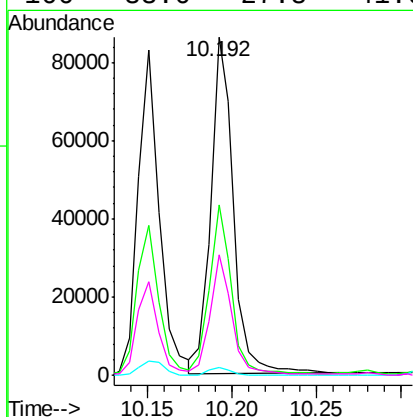
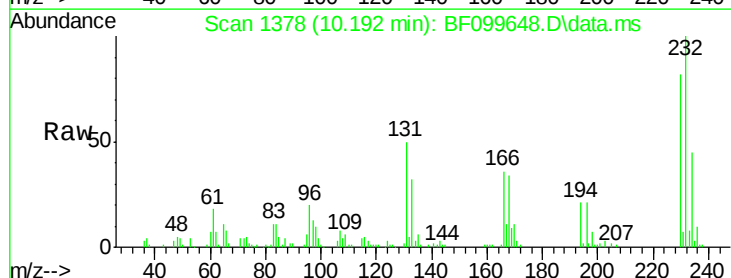
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

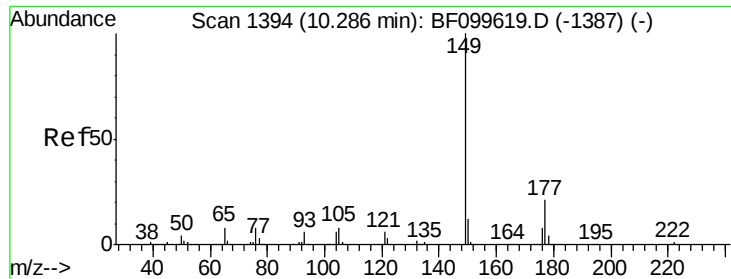
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.14 ng
 RT: 10.192 min Scan# 1378
 Delta R.T. -0.035 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	43.8	65.8
130	2.3	2.1	3.1
166	33.6	27.8	41.6





#59

Diethylphthalate

Concen: 44.72 ng

RT: 10.280 min Scan# 1394

Delta R.T. -0.047 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

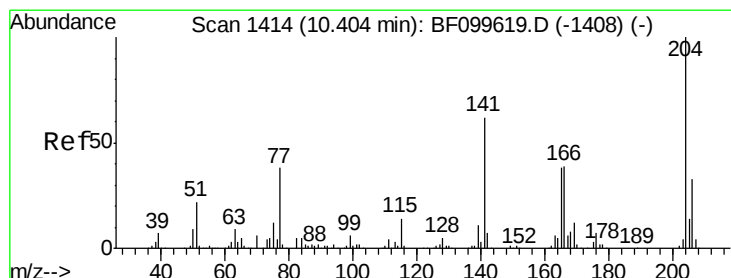
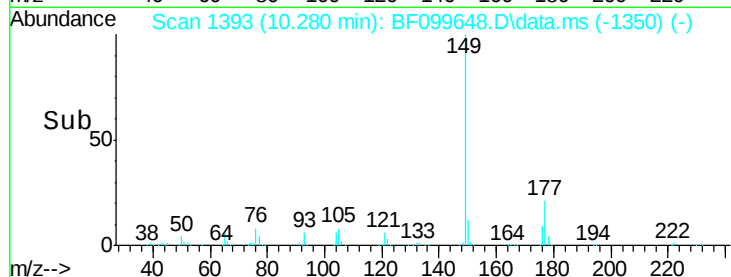
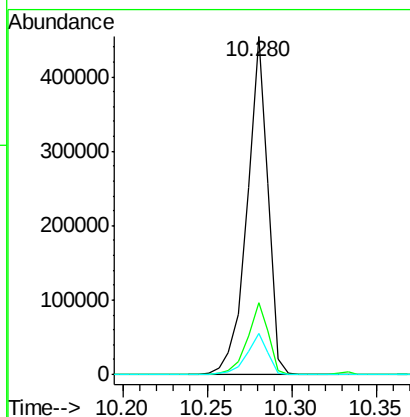
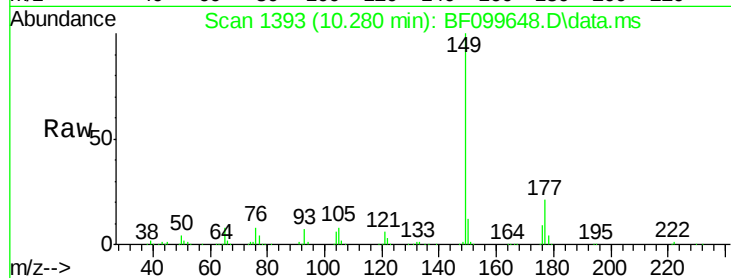
Tot Ion:149 Resp: 390525

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

150 12.2 10.1 15.1



#60

4-Chlorophenyl-phenylether

Concen: 46.51 ng

RT: 10.404 min Scan# 1414

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

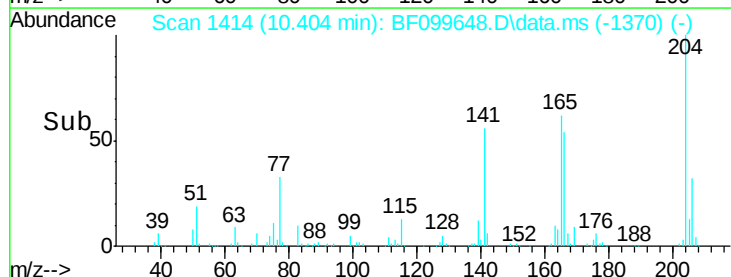
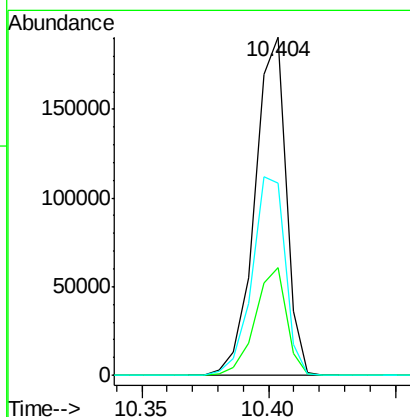
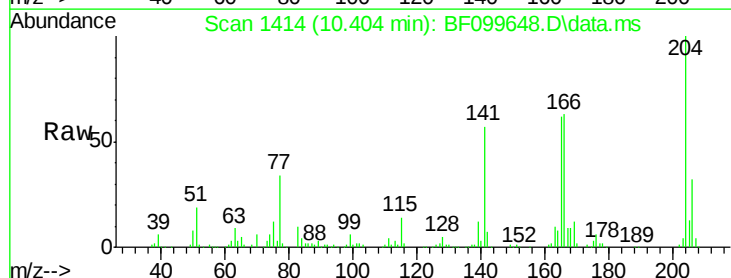
Tgt Ion:204 Resp: 165658

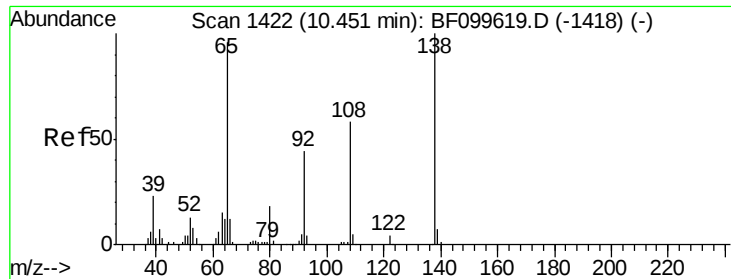
Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

141 56.8 54.6 81.8

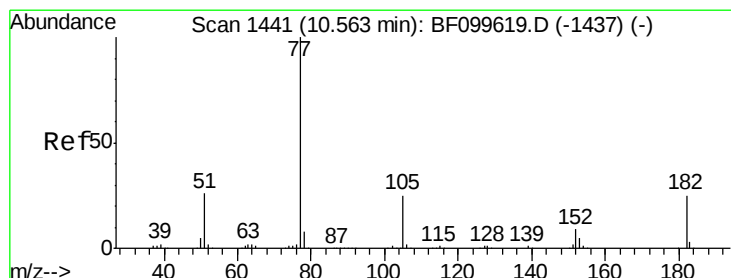
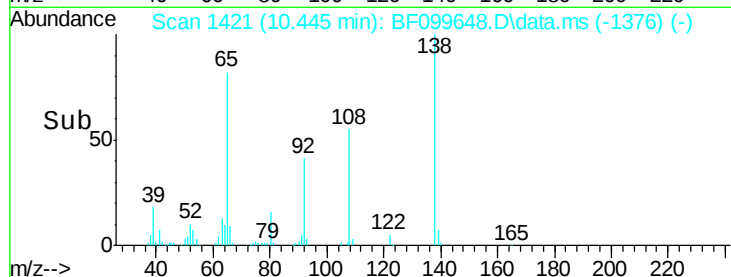
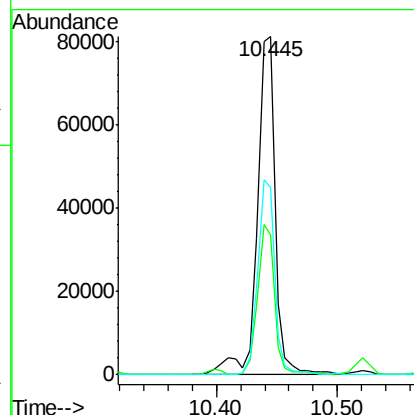
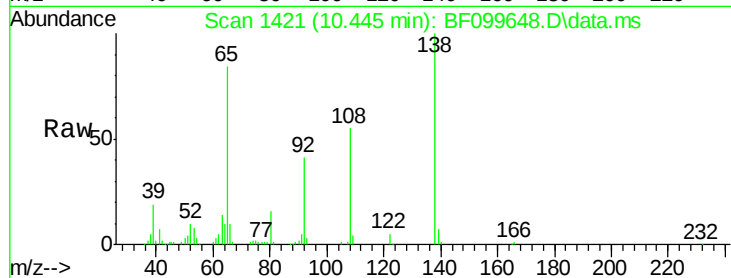




#61
4-Nitroaniline
Concen: 38.87 ng
RT: 10.445 min Scan# 1422
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

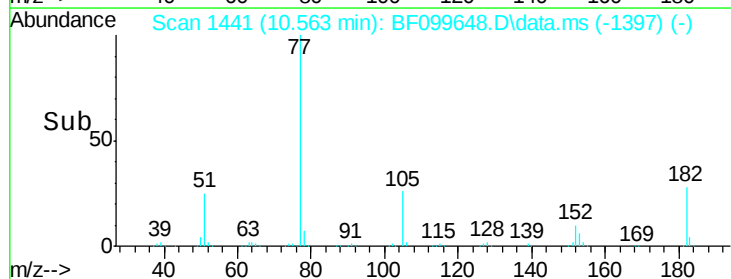
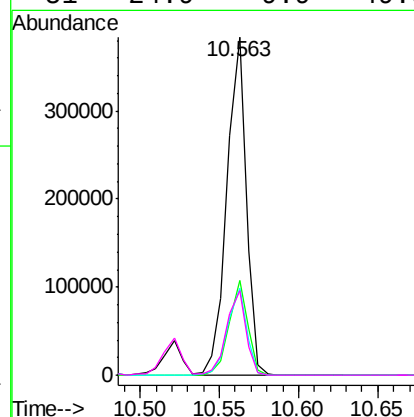
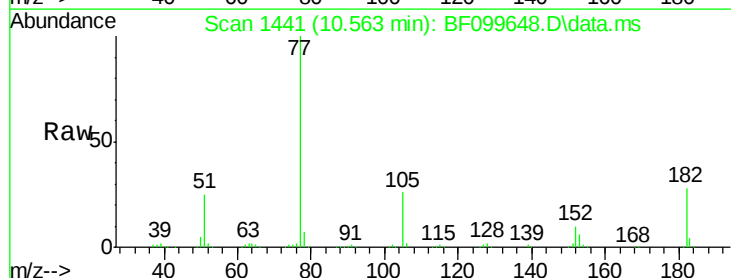
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

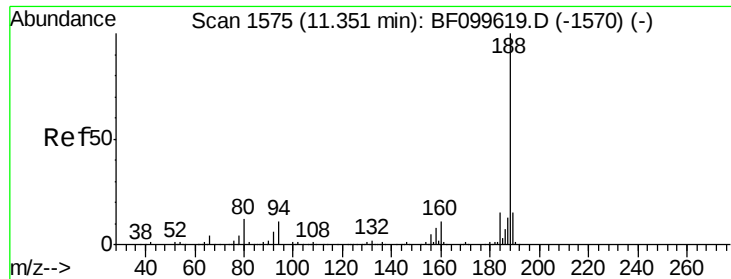
Tot Ion:138 Resp: 85083
Ion Ratio Lower Upper
138 100
92 41.4 30.2 70.2
108 55.3 52.5 92.5



#62
Azobenzene
Concen: 40.72 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion: 77 Resp: 326951
Ion Ratio Lower Upper
77 100
182 28.1 1.7 41.7
105 25.9 3.0 43.0
51 24.9 9.9 49.9

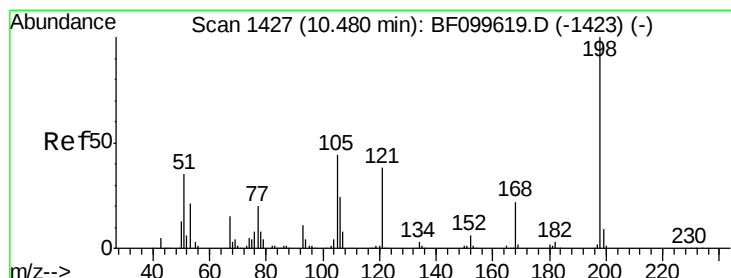
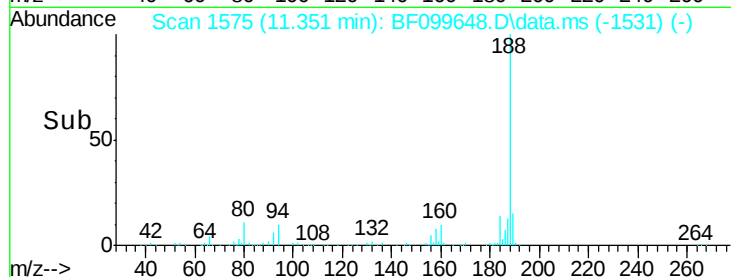
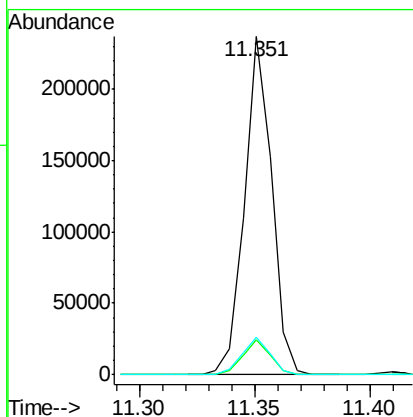
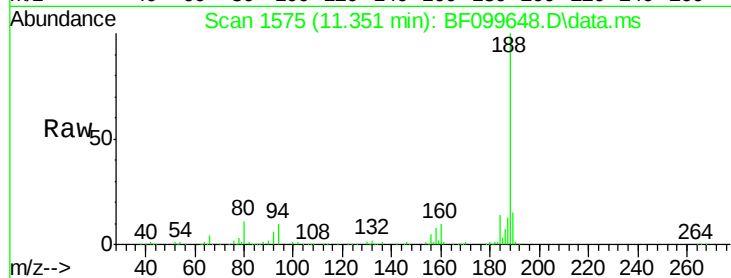




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

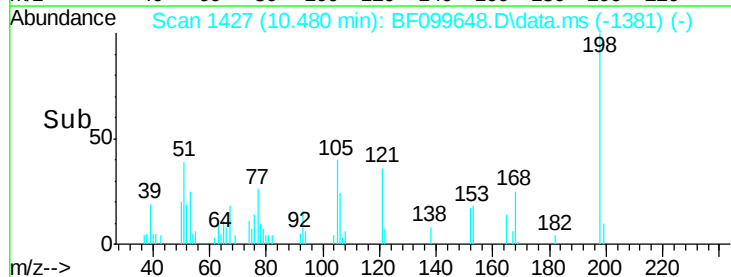
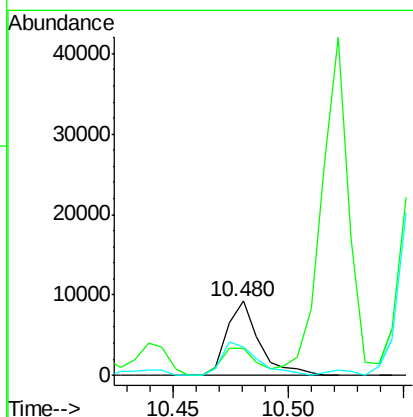
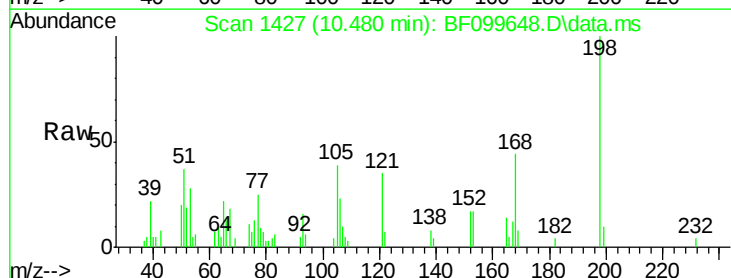
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

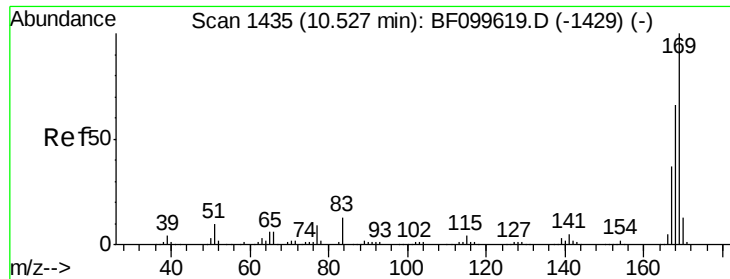
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.53 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.030 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.4	37.7	77.7#
105	38.8	36.3	76.3

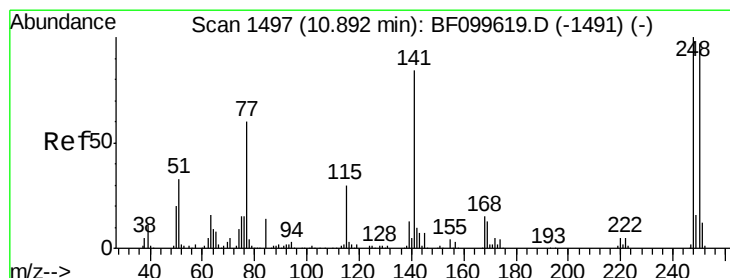
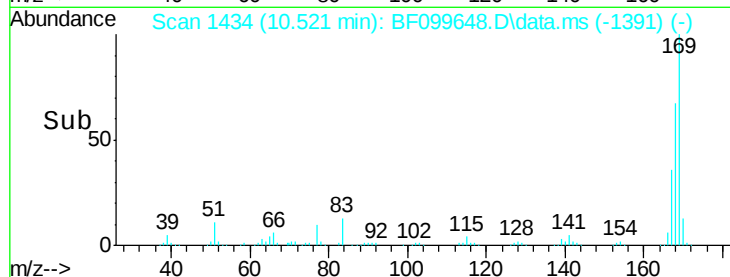
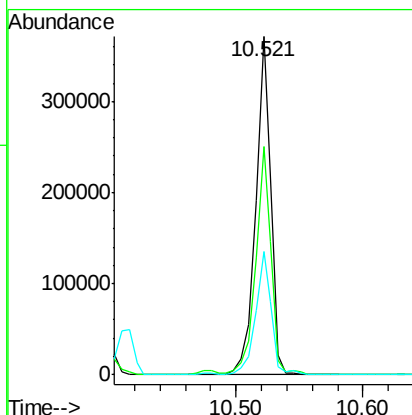
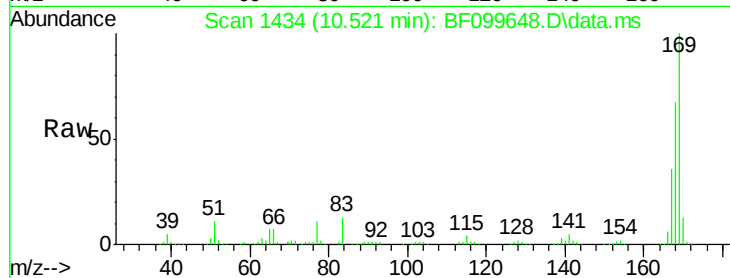




#65
 n-Nitrosodiphenylamine
 Concen: 46.25 ng
 RT: 10.521 min Scan# 1435
 Delta R.T. -0.047 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

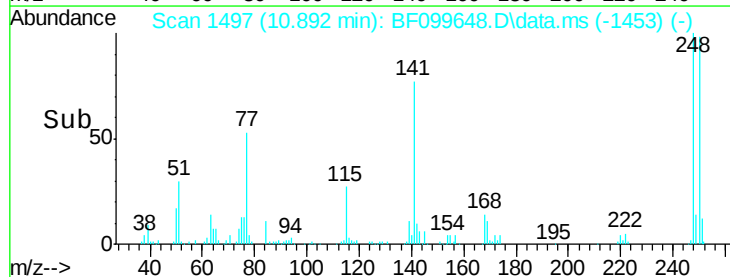
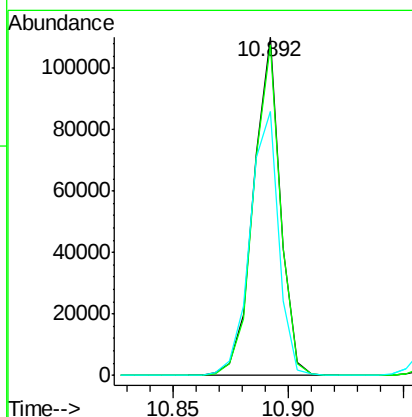
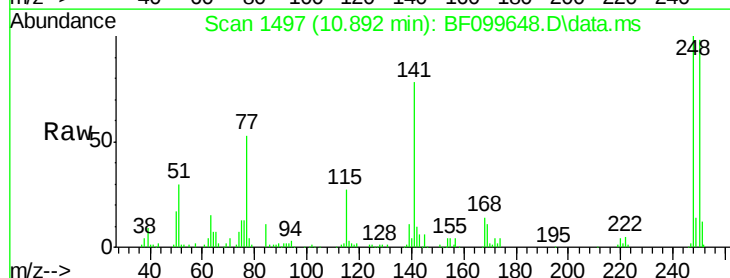
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

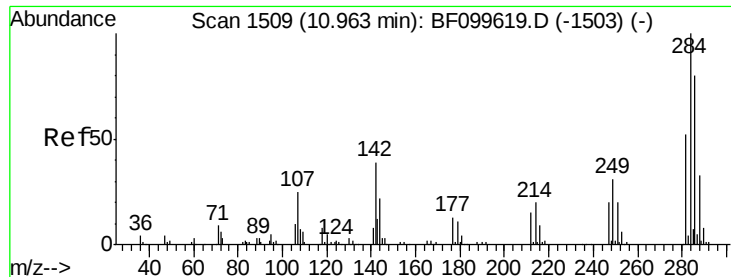
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.66 ng
 RT: 10.892 min Scan# 1497
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	77.9	74.4	111.6

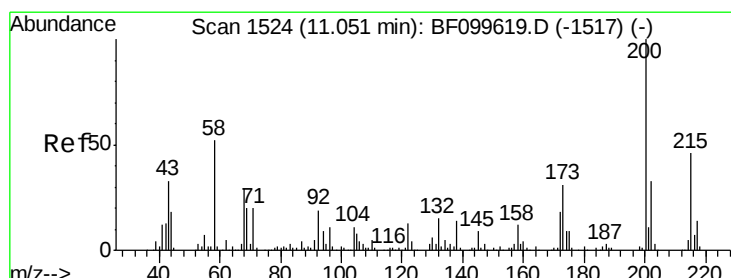
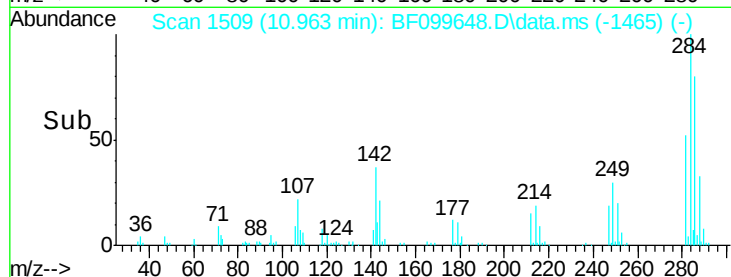
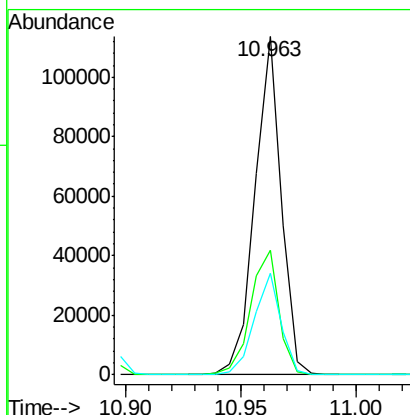
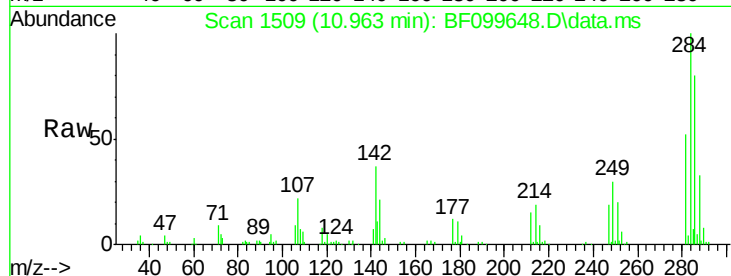




#67
Hexachlorobenzene
Concen: 44.44 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

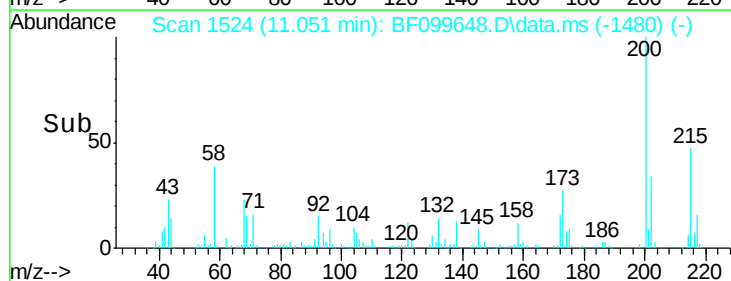
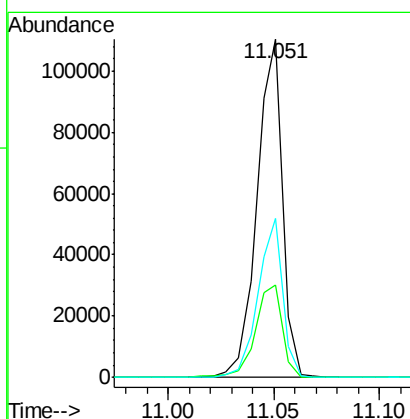
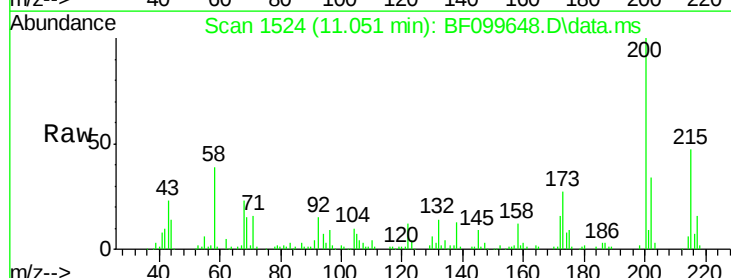
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

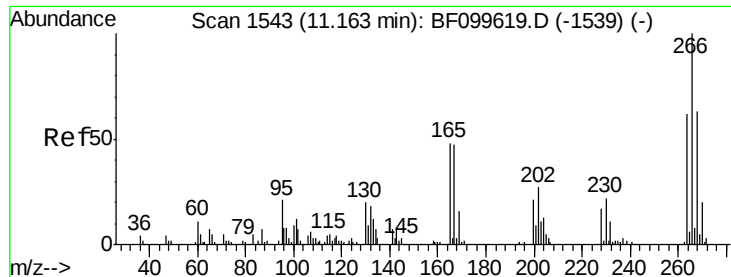
Tot Ion:284 Resp: 90632
Ion Ratio Lower Upper
284 100
142 36.9 34.6 52.0
249 30.1 24.8 37.2



#68
Atrazine
Concen: 45.53 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:200 Resp: 92563
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 47.1 25.1 65.1

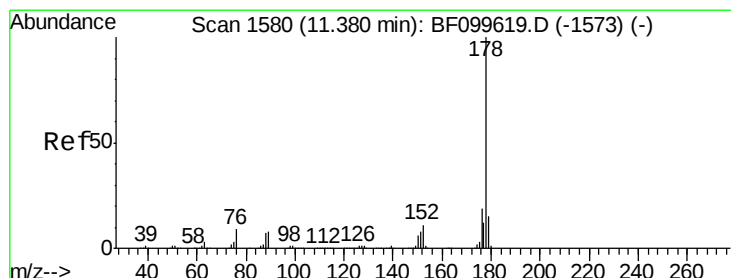
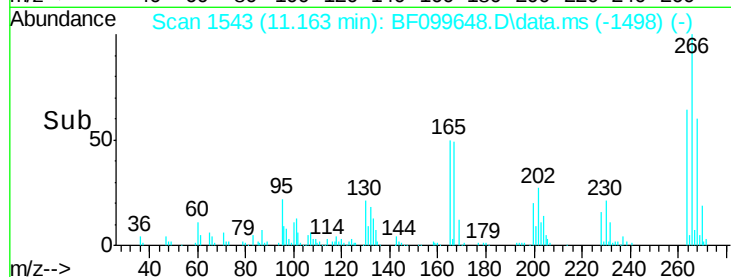
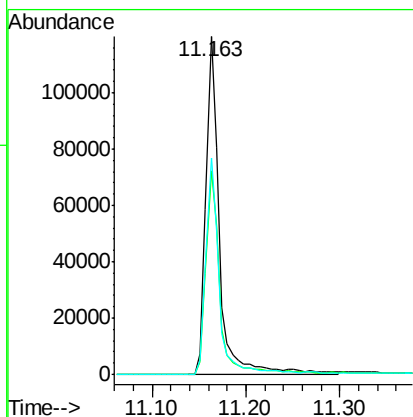
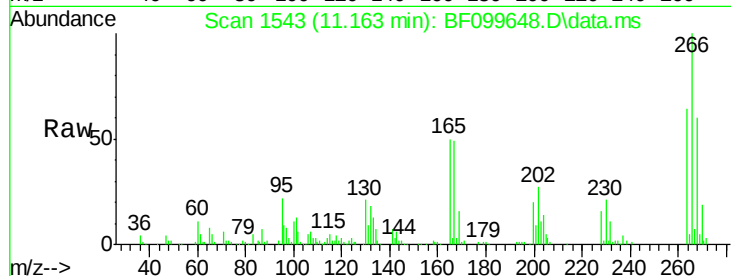




#69
 Pentachlorophenol
 Concen: 96.32 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. -0.035 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

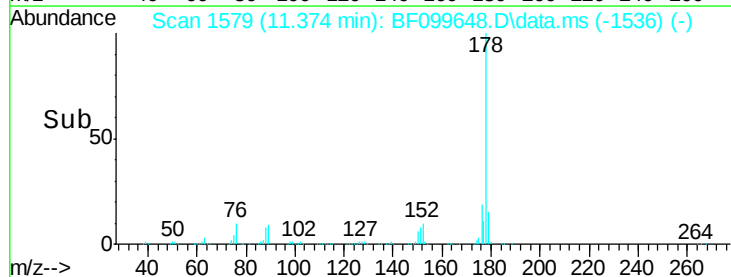
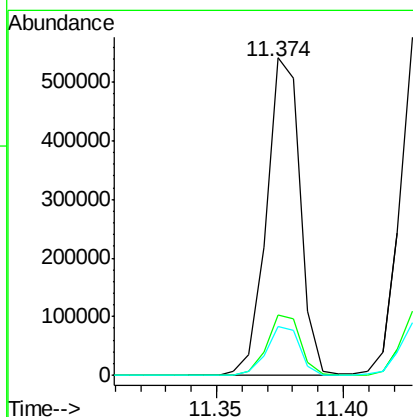
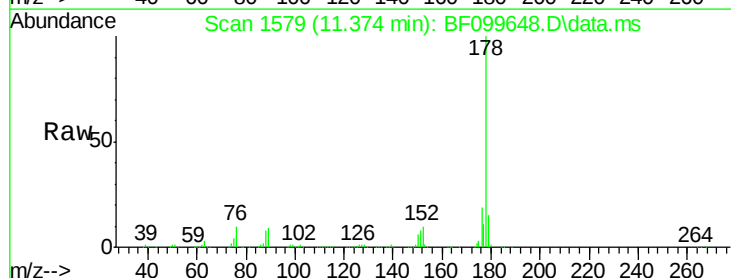
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

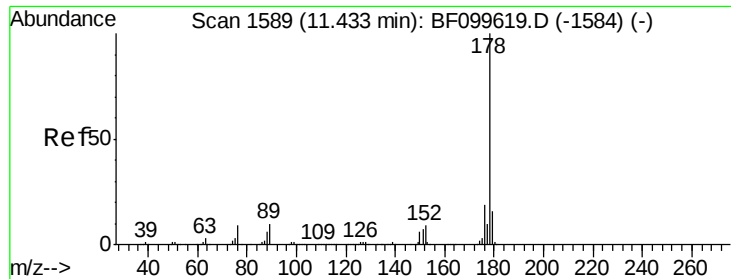
Tot Ion:266 Resp: 122251
 Ion Ratio Lower Upper
 266 100
 268 60.2 51.1 76.7
 264 63.9 49.5 74.3



#70
 Phenanthrene
 Concen: 48.18 ng
 RT: 11.374 min Scan# 1579
 Delta R.T. -0.047 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:178 Resp: 503049
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.3 13.0 19.6

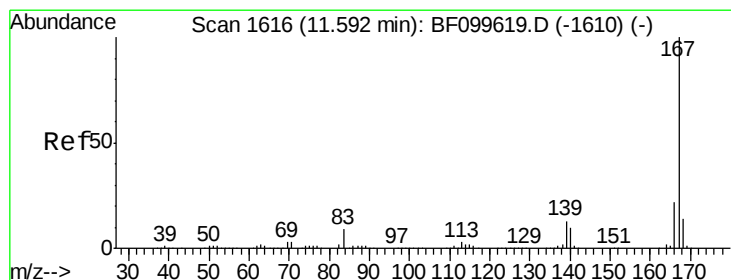
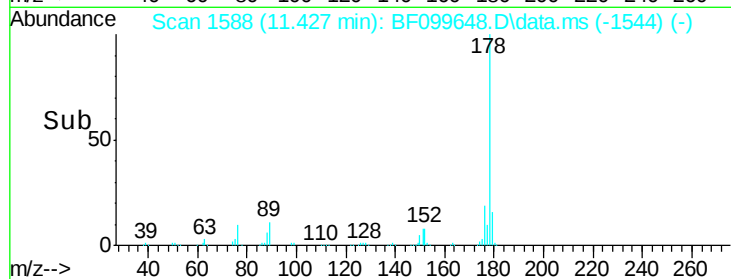
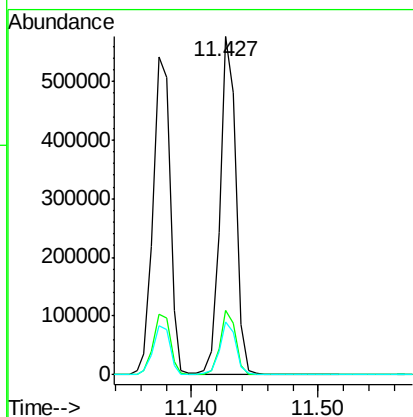
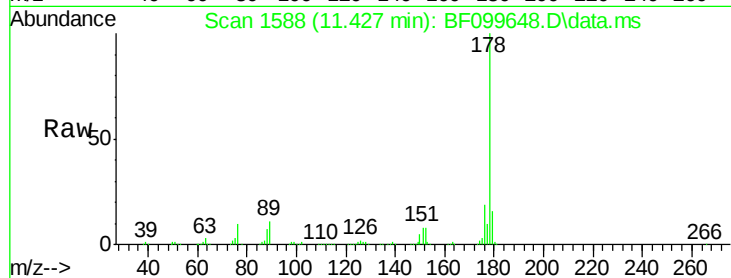




#71
 Anthracene
 Concen: 47.81 ng
 RT: 11.427 min Scan# 1589
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

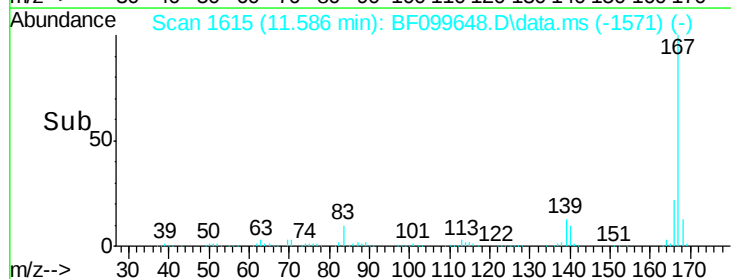
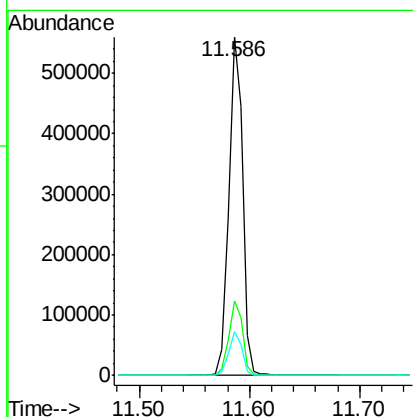
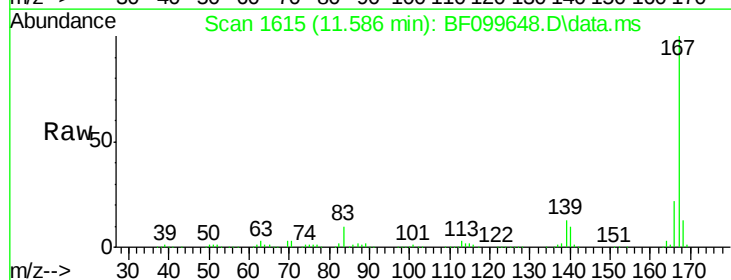
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

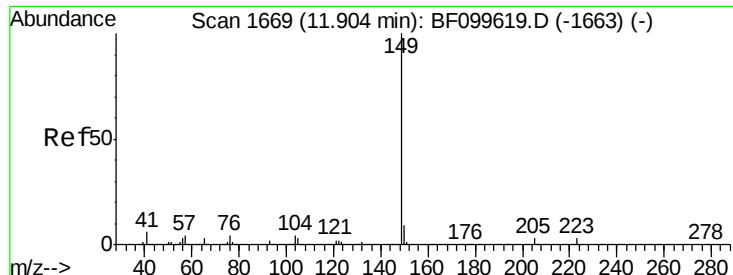
Tot Ion:178 Resp: 510792
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 46.94 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion:167 Resp: 491040
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.11 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

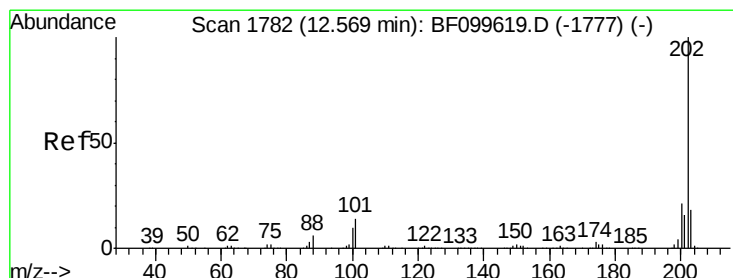
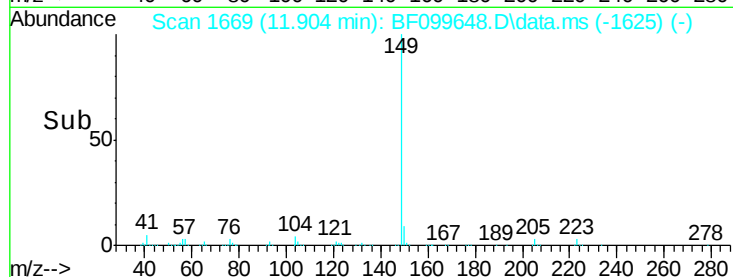
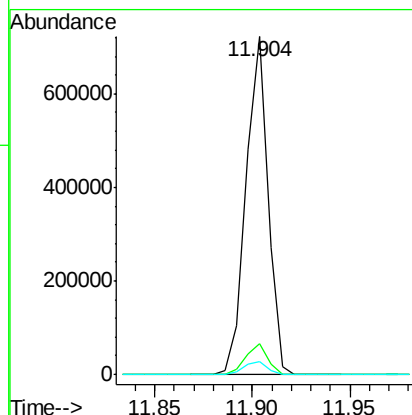
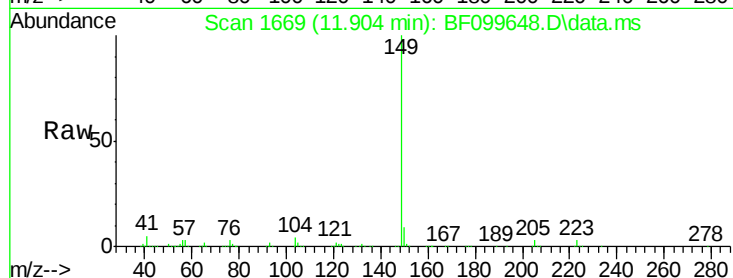
Tot Ion:149 Resp: 568097

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.0 3.8 5.8



#74

Fluoranthene

Concen: 52.45 ng

RT: 12.568 min Scan# 1782

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

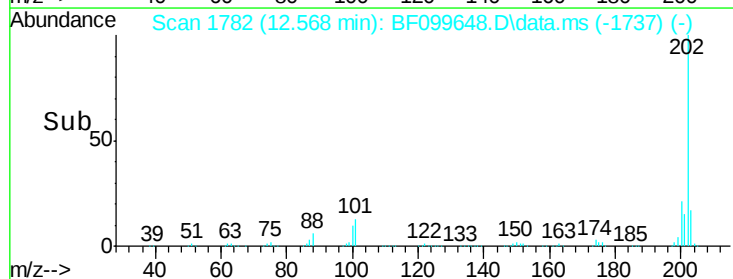
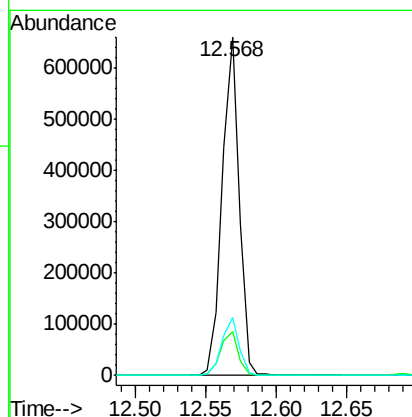
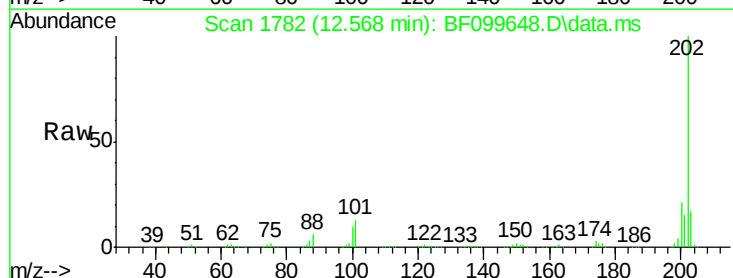
Tgt Ion:202 Resp: 554515

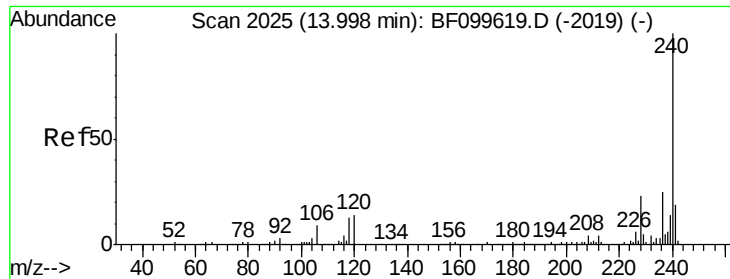
Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

203 17.2 0.0 38.1

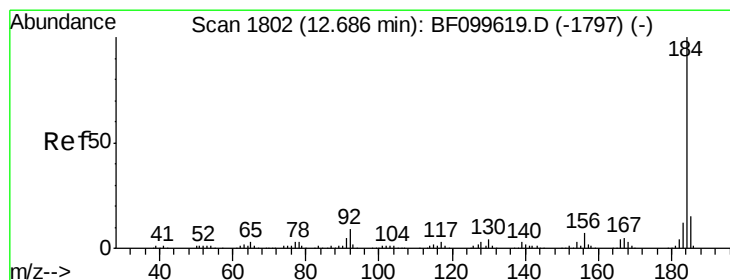
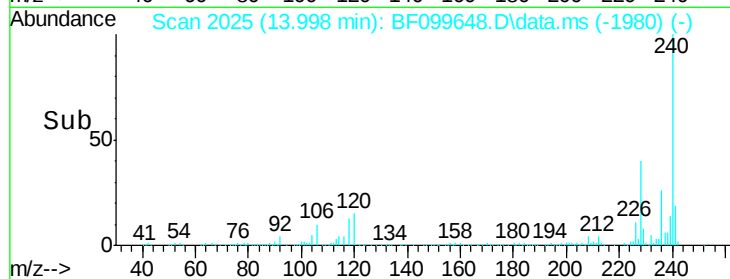
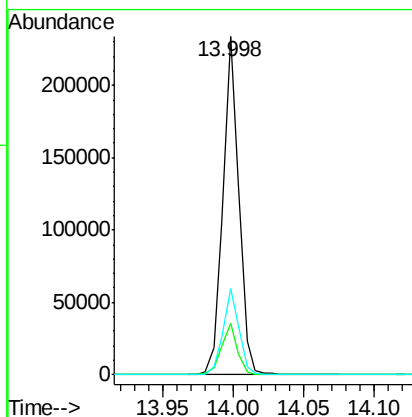
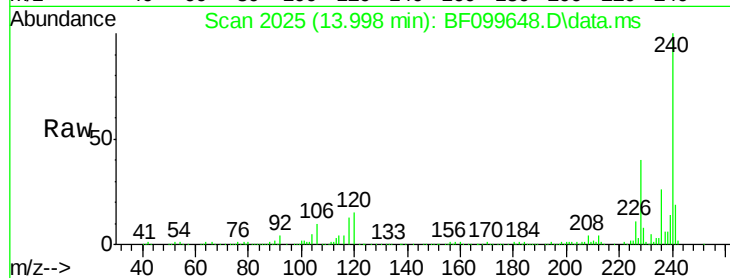




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

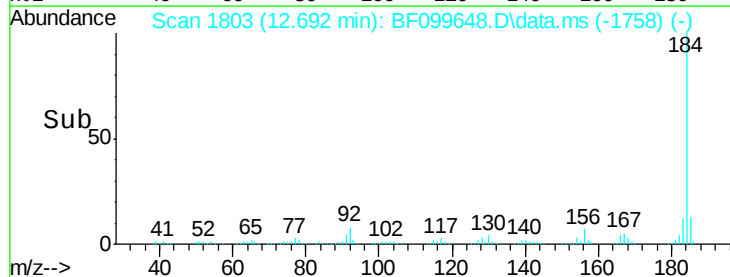
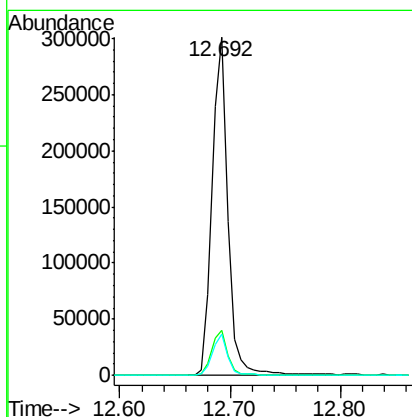
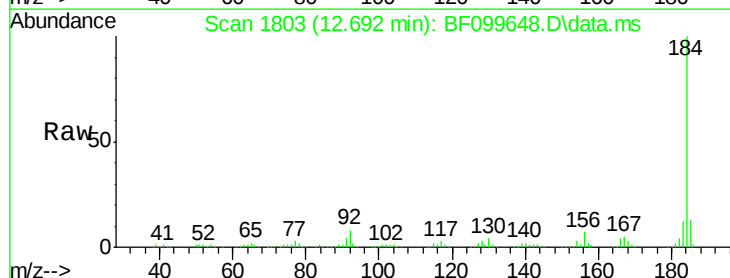
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

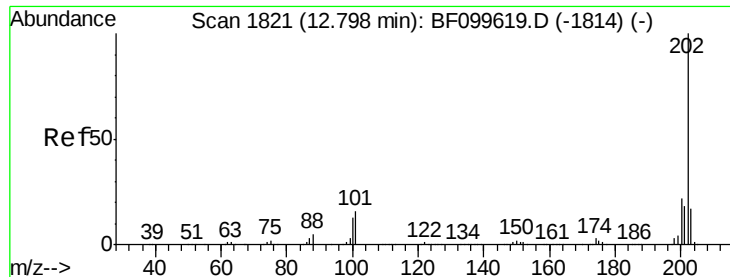
Tot Ion:240 Resp: 183289
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.5 20.7 31.1



#76
Benzidine
Concen: 43.38 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion:184 Resp: 294053
Ion Ratio Lower Upper
184 100
185 13.5 12.6 18.8
183 12.1 9.3 13.9

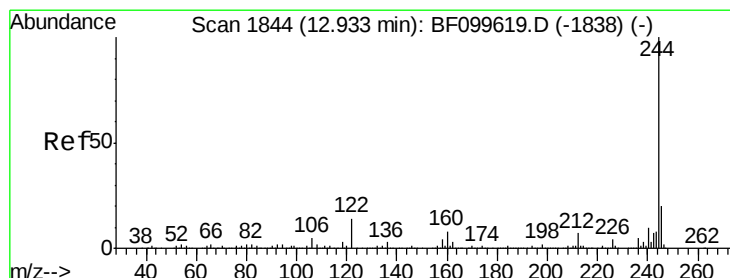
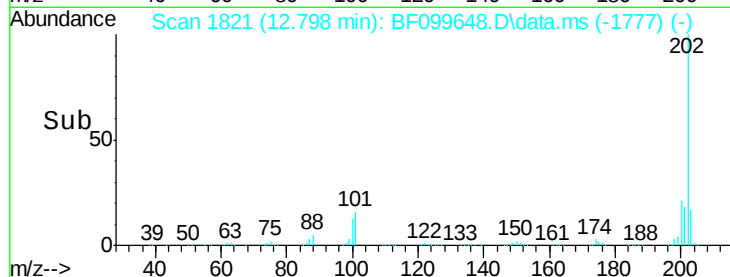
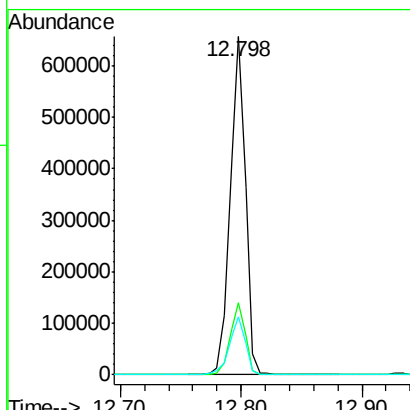
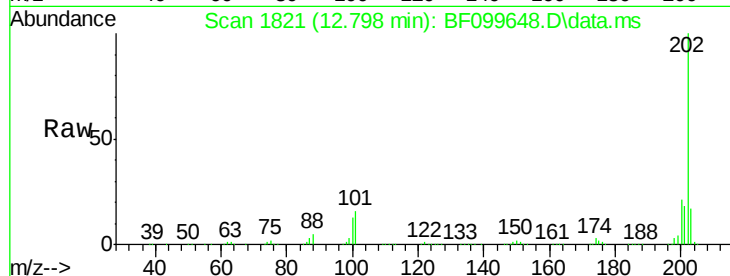




#77
 Pvrene
 Concen: 40.98 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

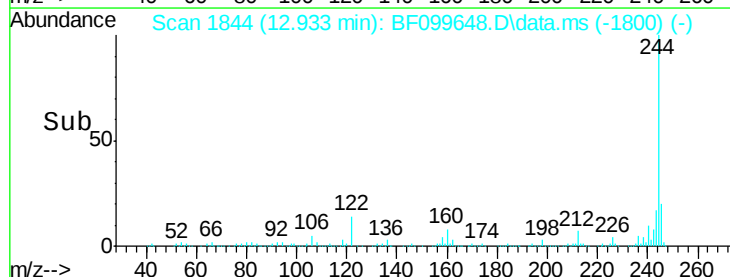
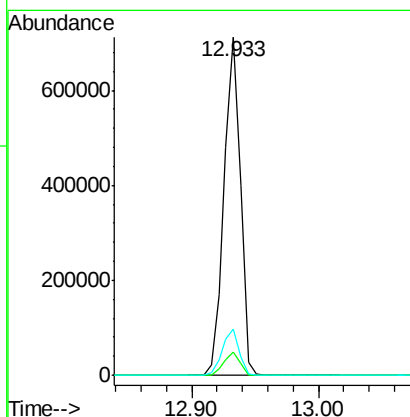
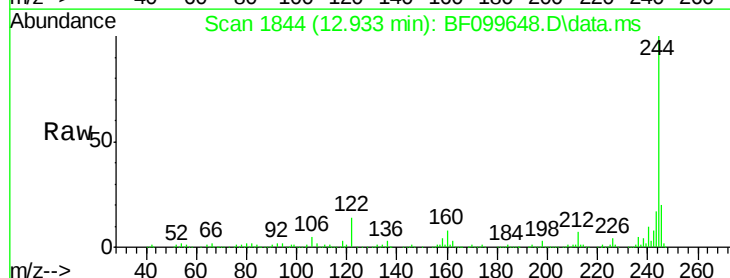
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

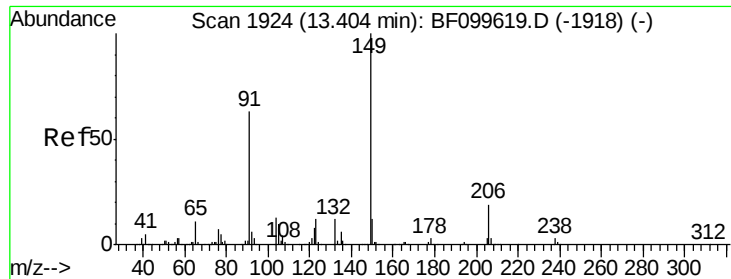
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.1	14.3	21.5



#78
 Terphenyl-d14
 Concen: 79.71 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4

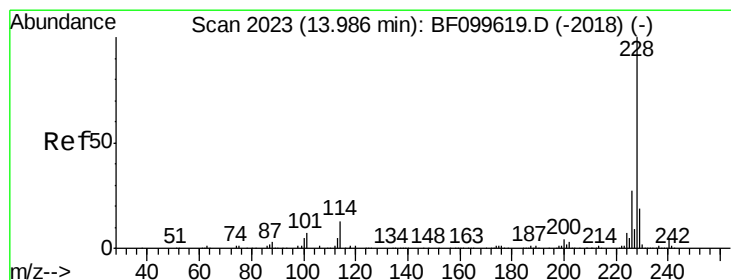
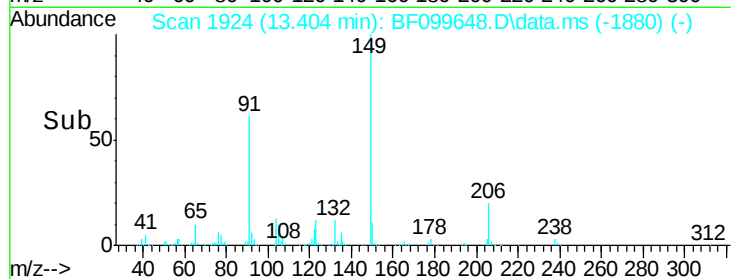
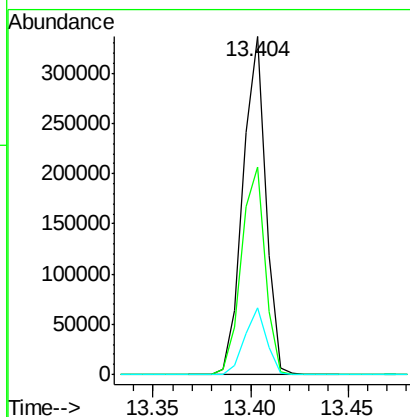
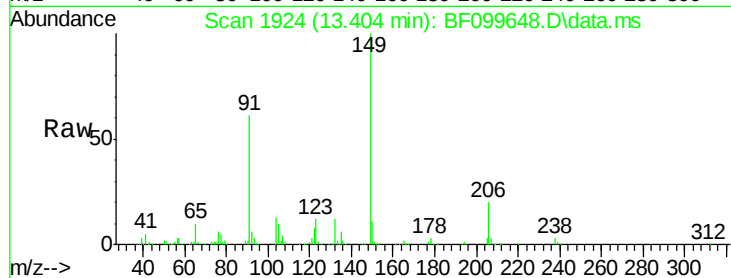




#79
Butylbenzylphthalate
Concen: 41.62 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.041 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

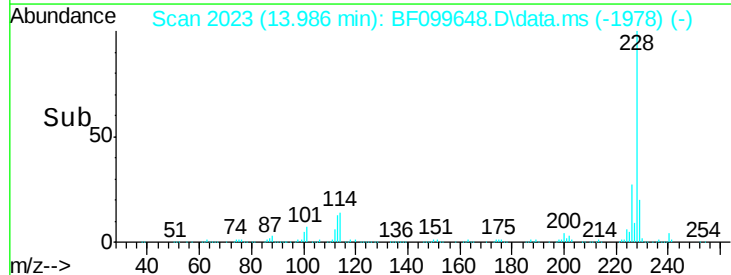
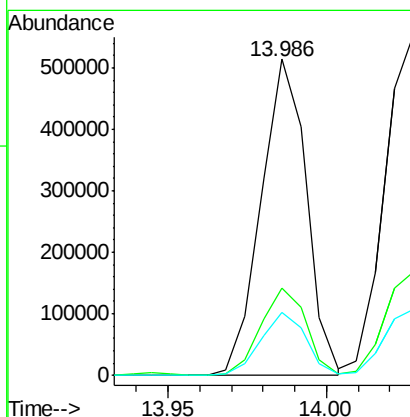
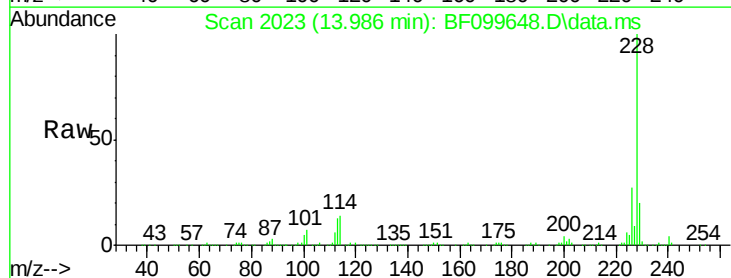
Instrument :
BNA_F
ClientSampleId :
TP-1-COMPMSD

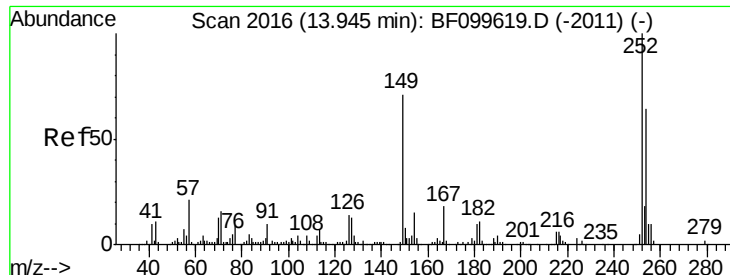
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.3	56.8	85.2
206	19.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.02 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF099648.D
Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.7	15.8	23.6

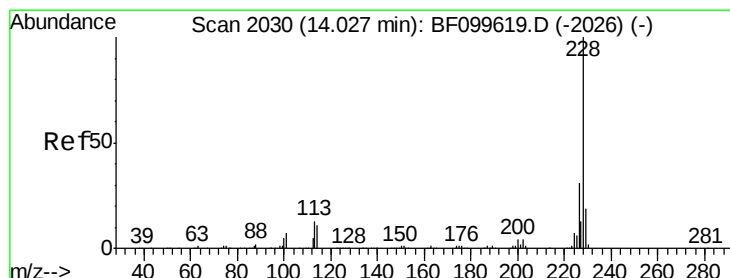
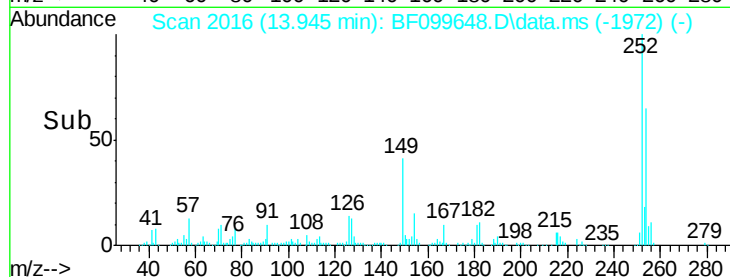
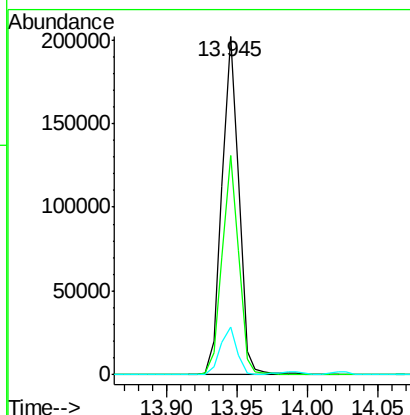
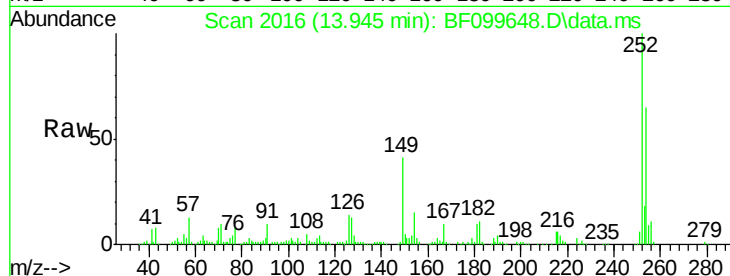




#81
 3,3'-Dichlorobenzidine
 Concen: 41.40 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

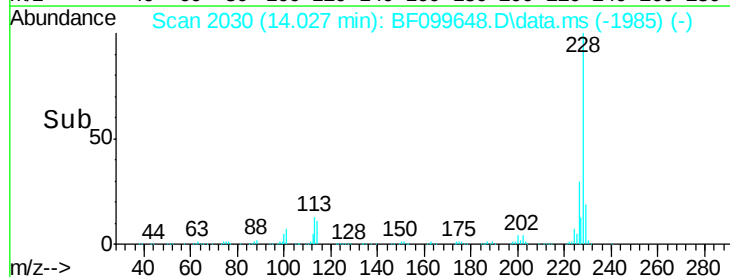
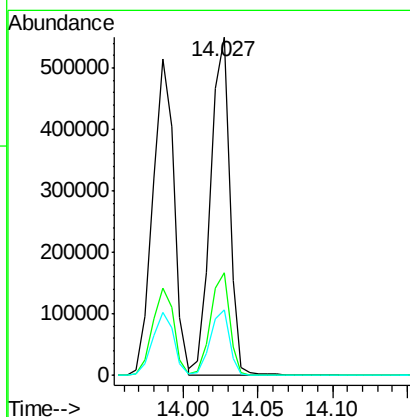
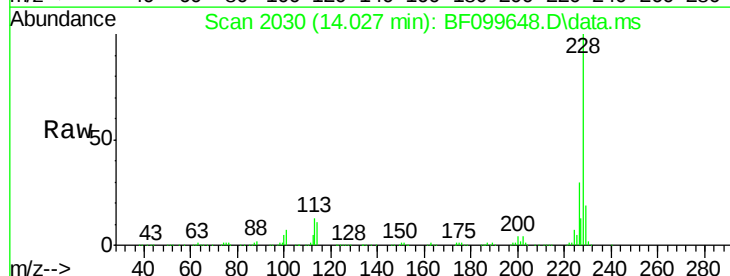
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

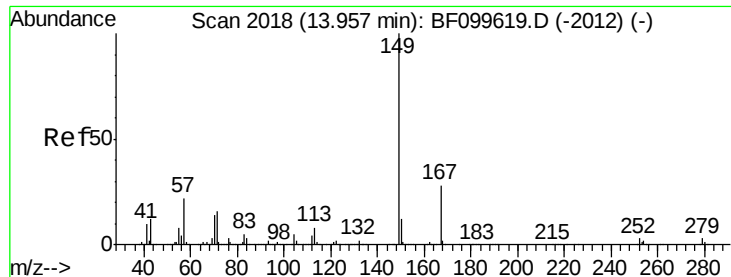
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	14.0	11.3	16.9



#82
 Chrysene
 Concen: 46.18 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.035 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.62 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

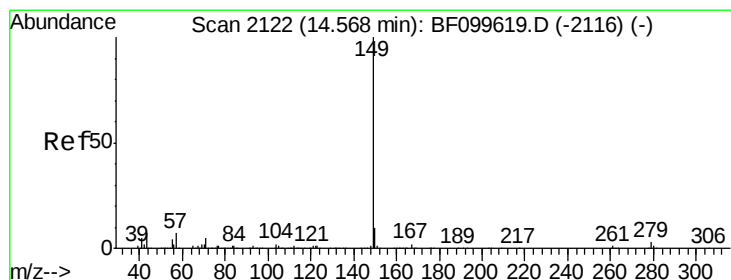
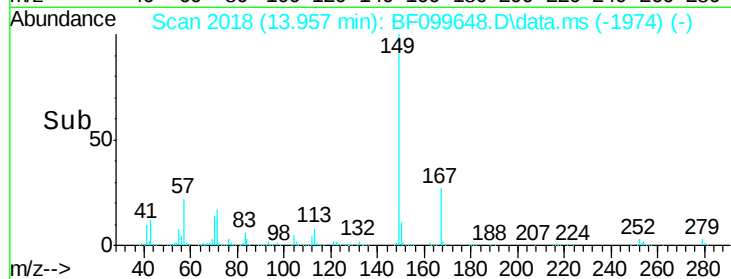
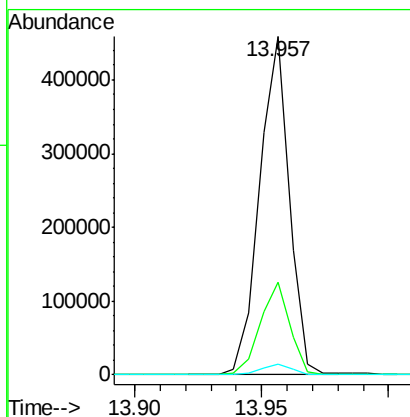
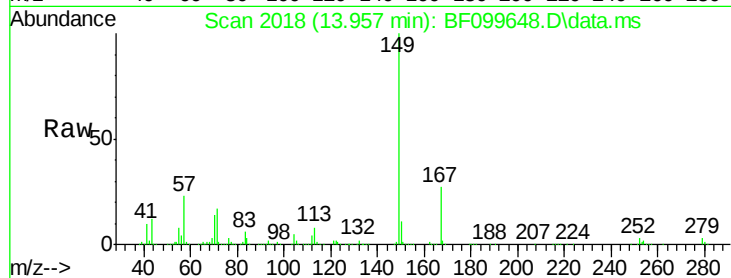
Tot Ion:149 Resp: 376476

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.2 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 47.64 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

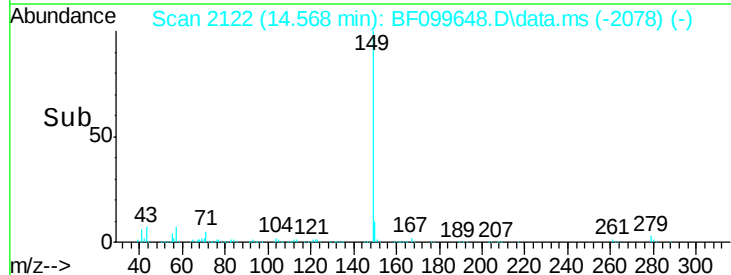
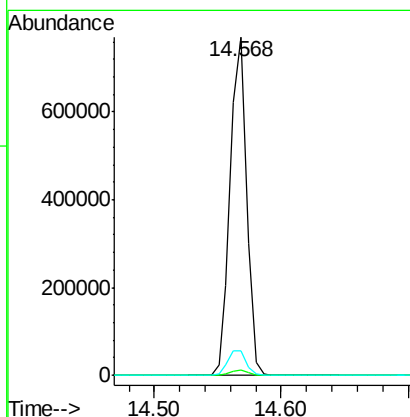
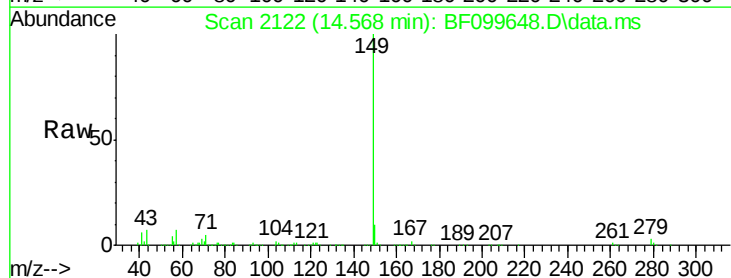
Tgt Ion:149 Resp: 693868

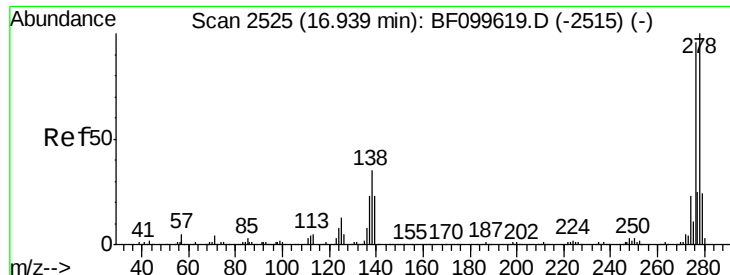
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.8 8.4 12.6#

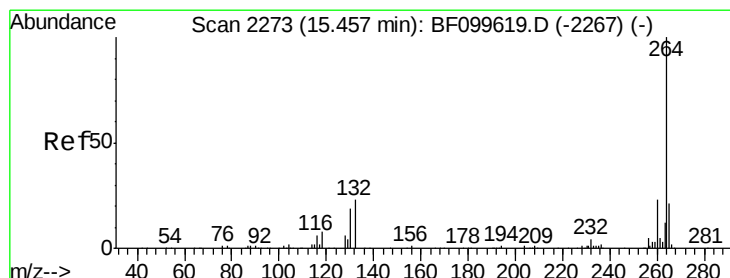
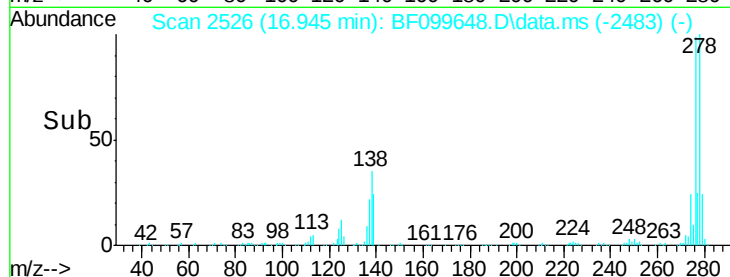
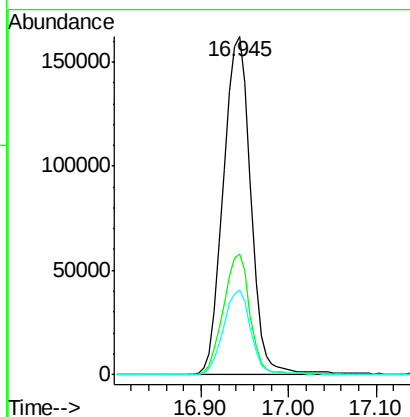
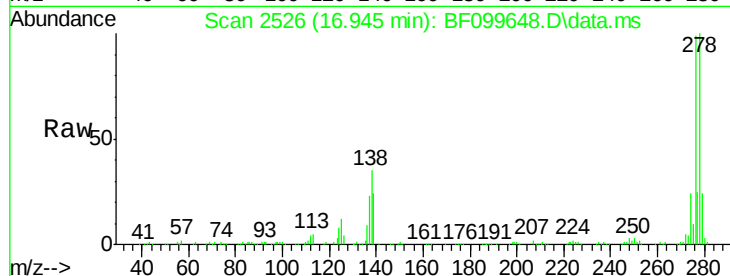




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.40 ng
 RT: 16.945 min Scan# 251
 Delta R.T. -0.047 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

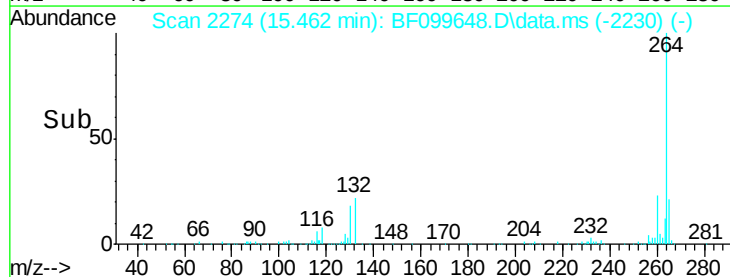
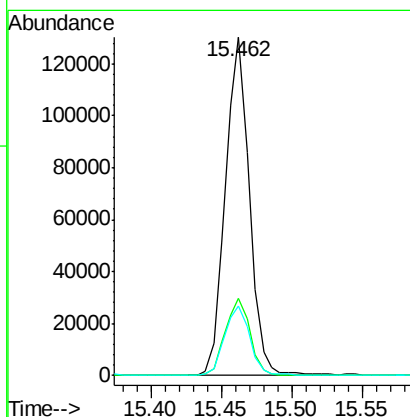
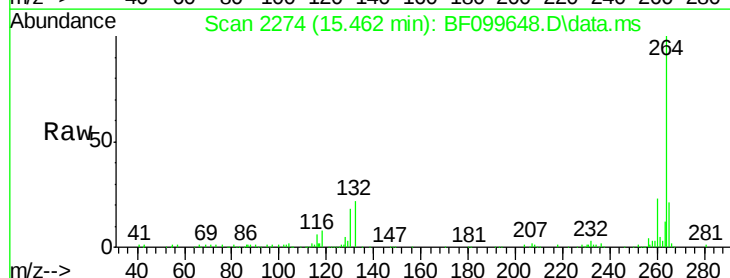
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMPMSD

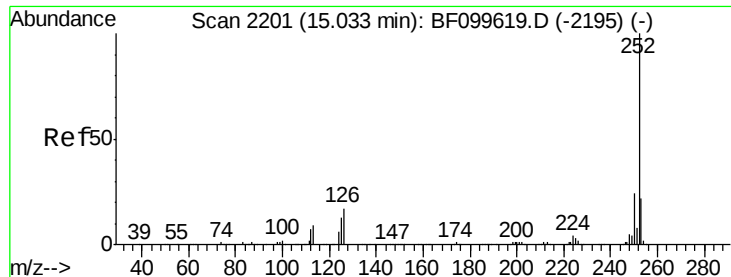
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.041 min
 Lab File: BF099648.D
 Acq: 19 Oct 2017 6:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 48.50 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.035 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

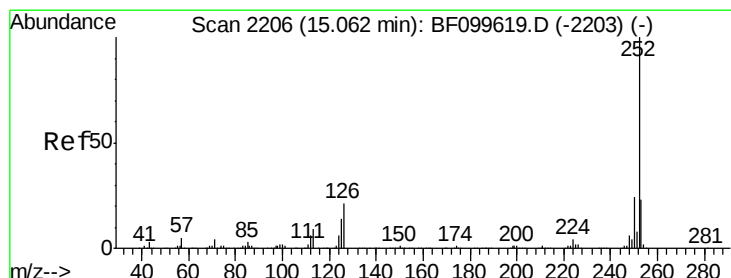
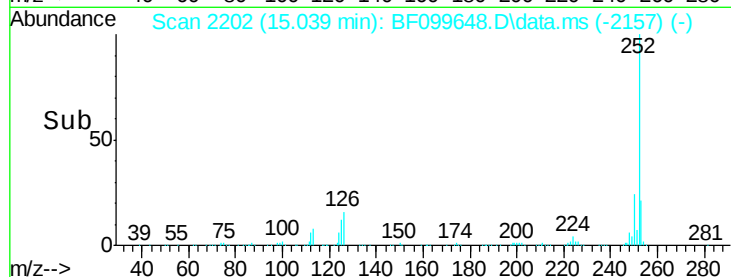
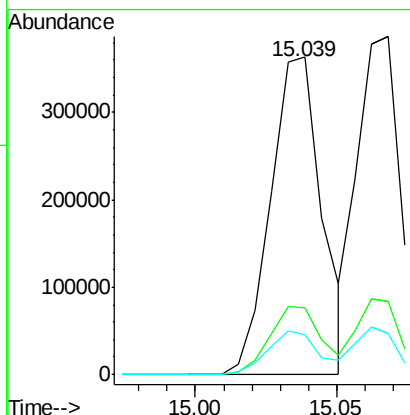
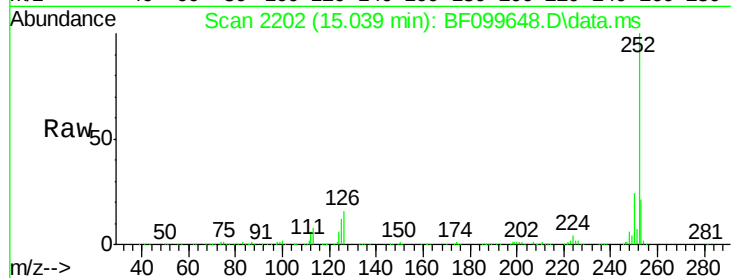
Tot Ion:252 Resp: 459029

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 12.5 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 45.29 ng

RT: 15.068 min Scan# 2207

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

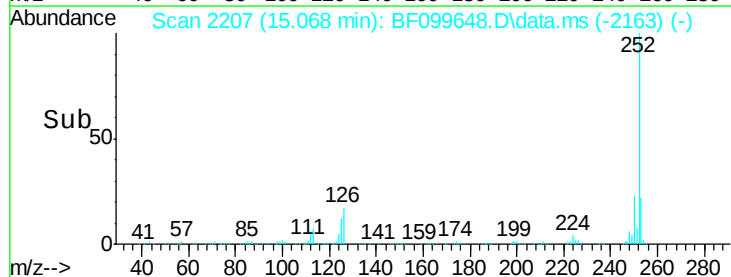
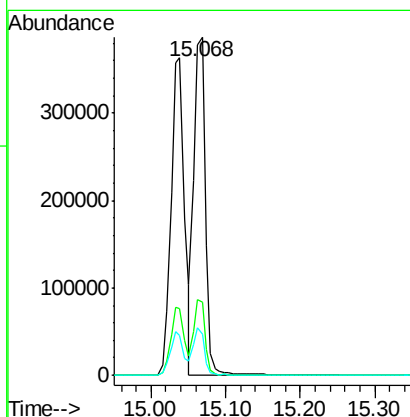
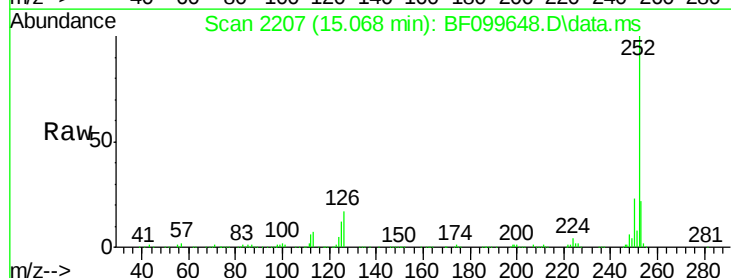
Tgt Ion:252 Resp: 423425

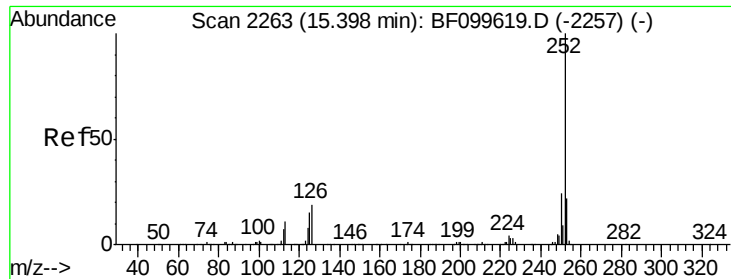
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.67 ng

RT: 15.403 min Scan# 22

Delta R.T. -0.041 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

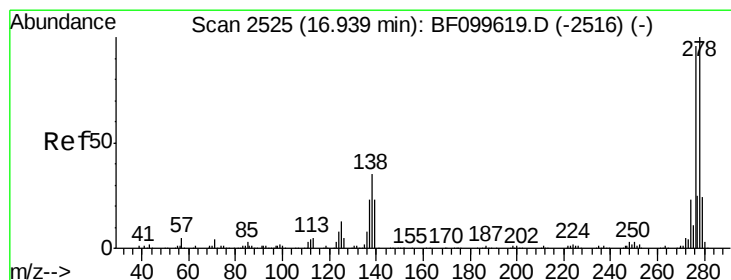
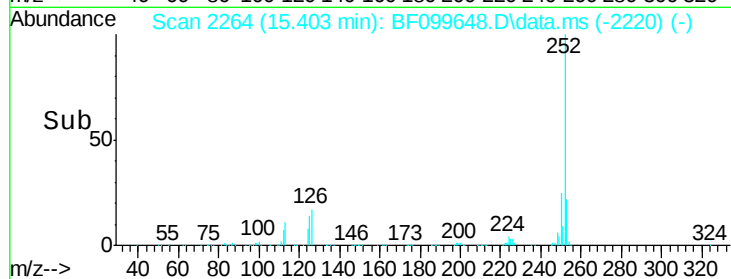
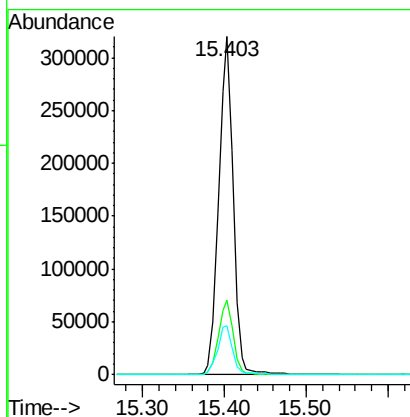
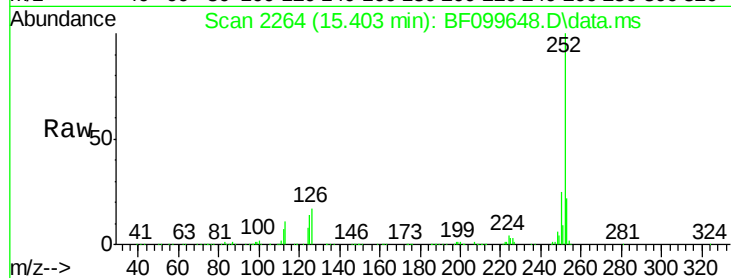
Tot Ion:252 Resp: 396774

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 14.3 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 42.27 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.065 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

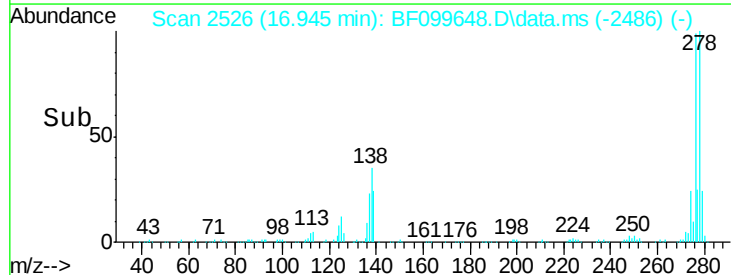
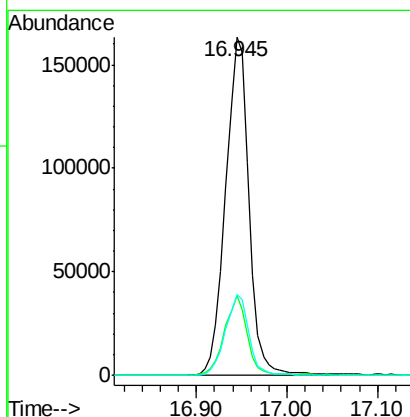
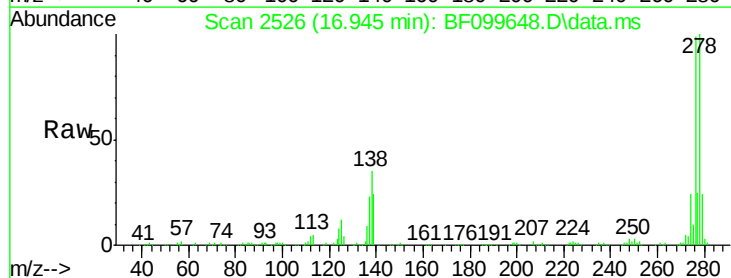
Tgt Ion:278 Resp: 293873

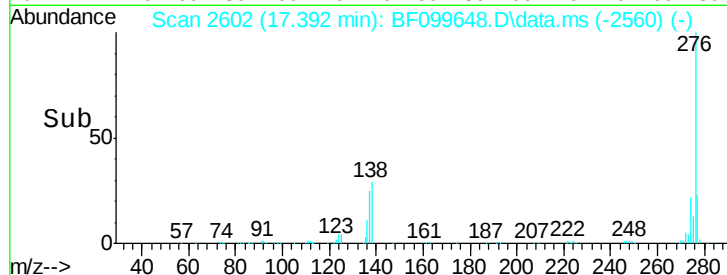
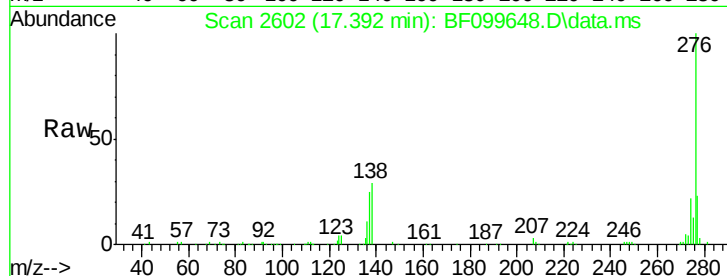
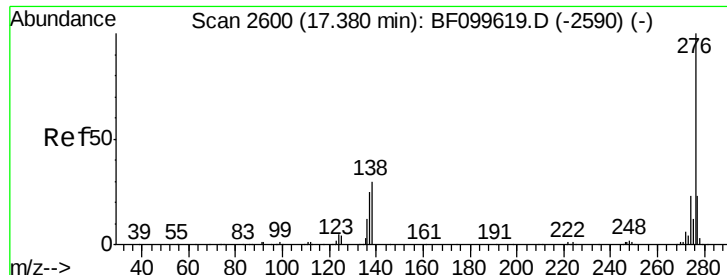
Ion Ratio Lower Upper

278 100

139 23.6 15.9 23.9

279 23.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.52 ng

RT: 17.392 min Scan# 26

Delta R.T. -0.053 min

Lab File: BF099648.D

Acq: 19 Oct 2017 6:26

Instrument :

BNA_F

ClientSampleId :

TP-1-COMPMSD

Tot Ion:276 Resp: 285349

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.7 21.8 32.8

