

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090532.D
 Acq On : 12 Oct 2016 13:45
 Operator : UM/SJ
 Sample : PB93973BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

Quant Time: Oct 12 15:49:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.954	152	249566	20.00	ng	0.00	
21) Naphthalene-d8	8.235	136	1055485	20.00	ng	-0.01	
38) Acenaphthene-d10	9.995	164	545040	20.00	ng	-0.01	
63) Phenanthrene-d10	11.481	188	899238	20.00	ng	0.00	
75) Chrysene-d12	14.132	240	808152	20.00	ng	0.00	
86) Perylene-d12	15.607	264	558975	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.583	112	1639955	102.23	ng	0.02	
7) Phenol-d6	6.600	99	2109672	104.21	ng	0.01	
23) Nitrobenzene-d5	7.515	82	1343943	69.06	ng	0.00	
41) 2,4,6-Tribromophenol	10.795	330	687854	127.31	ng	0.00	
44) 2-Fluorobiphenyl	9.320	172	2609342	80.45	ng	0.00	
78) Terphenyl-d14	13.069	244	2357178	71.28	ng	-0.01	
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.725	88	185352	23.55	ng	#	77
3) Pyridine	3.491	79	385123	17.71	ng	#	69
4) n-Nitrosodimethylamine	3.434	42	140787	19.75	ng	#	22
6) Aniline	6.623	93	483200	18.82	ng	#	75
8) 2-Chlorophenol	6.737	128	596288	34.94	ng		97
9) Benzaldehyde	6.497	77	152615	11.97	ng		94
10) Phenol	6.612	94	745077	32.63	ng		93
11) bis(2-Chloroethyl)ether	6.692	93	582052	34.05	ng		89
12) 1,3-Dichlorobenzene	6.966	146	639611	34.74	ng		97
13) 1,4-Dichlorobenzene	6.966	146	651658	34.69	ng		97
14) 1,2-Dichlorobenzene	7.126	146	599885	35.14	ng		94
15) Benzyl Alcohol	7.092	79	474382	30.52	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.229	45	699701	28.56	ng		65
17) 2-Methylphenol	7.217	107	509042	36.68	ng		97
18) Hexachloroethane	7.457	117	241532	34.84	ng		94
19) n-Nitroso-di-n-propyla...	7.366	70	479778	37.16	ng	#	79
20) 3+4-Methylphenols	7.366	107	658620	37.48	ng	#	83
22) Acetophenone	7.366	105	860147	37.02	ng	#	91
24) Nitrobenzene	7.537	77	697306	33.41	ng	#	88
25) Isophorone	7.777	82	1225963	34.62	ng		95
26) 2-Nitrophenol	7.846	139	328723	34.52	ng	#	80
27) 2,4-Dimethylphenol	7.892	122	576786	35.63	ng		96
28) bis(2-Chloroethoxy)met...	7.983	93	774600	35.41	ng	#	97
29) 2,4-Dichlorophenol	8.097	162	512244	37.84	ng		92
30) 1,2,4-Trichlorobenzene	8.177	180	553233	35.57	ng		98
31) Naphthalene	8.257	128	1770982	33.68	ng		98
32) Benzoic acid	8.029	122	338780	26.52	ng		99
33) 4-Chloroaniline	8.315	127	267651	12.02	ng	#	88
34) Hexachlorobutadiene	8.372	225	291683	33.55	ng		99
35) Caprolactam	8.680	113	100242	22.84	ng	#	70
36) 4-Chloro-3-methylphenol	8.806	107	569095	35.99	ng		90
37) 2-Methylnaphthalene	8.955	142	1198466	33.96	ng		97
39) 1,2,4,5-Tetrachloroben...	9.115	216	508366	33.32	ng		97

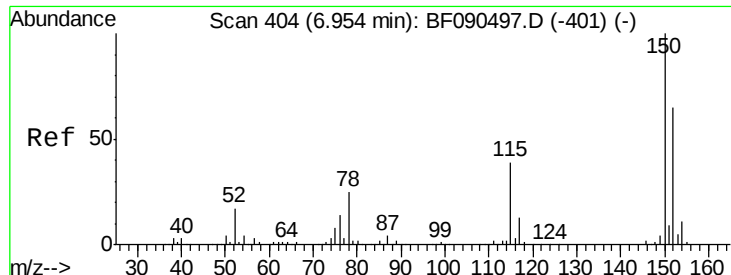
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	9.103	237	632487	83.51	nq	100
42) 2,4,6-Trichlorophenol	9.229	196	359461	34.94	nq	96
43) 2,4,5-Trichlorophenol	9.275	196	371947	36.53	nq	96
45) 1,1'-Biphenyl	9.412	154	1367644	32.85	nq	96
46) 2-Chloronaphthalene	9.446	162	1140845	36.83	nq	93
47) 2-Nitroaniline	9.538	65	363459	32.90	nq	98
48) Acenaphthylene	9.858	152	1718818	34.40	nq	99
49) Dimethylphthalate	9.720	163	1344524	36.68	nq	99
50) 2,6-Dinitrotoluene	9.778	165	286146	35.35	nq	88
51) Acenaphthene	10.029	154	1179722	35.23	nq	97
52) 3-Nitroaniline	9.949	138	165029	16.43	nq	97
53) 2,4-Dinitrophenol	10.052	184	255038	56.79	nq	# 79
54) Dibenzofuran	10.201	168	1508020	33.84	nq	95
55) 4-Nitrophenol	10.132	139	532320	68.21	nq	# 82
56) 2,4-Dinitrotoluene	10.189	165	426519	39.84	nq	# 85
57) Fluorene	10.543	166	1210415	33.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.326	232	312778	36.83	nq	96
59) Diethylphthalate	10.418	149	1283885	34.44	nq	94
60) 4-Chlorophenyl-phenyle...	10.532	204	567042	33.78	nq	94
61) 4-Nitroaniline	10.578	138	307311	29.99	nq	83
62) Azobenzene	10.692	77	1417444	34.81	nq	90
64) 4,6-Dinitro-2-methylph...	10.589	198	176428	29.37	nq	# 82
65) n-Nitrosodiphenylamine	10.658	169	1104559	37.77	nq	99
66) 4-Bromophenyl-phenylether	11.023	248	350054	35.13	nq	# 90
67) Hexachlorobenzene	11.092	284	398019	36.16	nq	# 93
68) Atrazine	11.183	200	307982	34.03	nq	98
69) Pentachlorophenol	11.298	266	441957	67.48	nq	98
70) Phenanthrene	11.504	178	1770984	35.74	nq	97
71) Anthracene	11.561	178	1830447	36.46	nq	98
72) Carbazole	11.721	167	1739246	36.68	nq	98
73) Di-n-butylphthalate	12.041	149	1895573	33.19	nq	98
74) Fluoranthene	12.704	202	1852339	36.62	nq	88
76) Benzidine	12.818	184	494792	19.48	nq	99
77) Pyrene	12.932	202	1928417	38.12	nq	98
79) Butylbenzylphthalate	13.549	149	900633	38.03	nq	93
80) Benzo(a)anthracene	14.121	228	1710060	35.51	nq	99
81) 3,3'-Dichlorobenzidine	14.087	252	310392	17.91	nq	# 97
82) Chrysene	14.155	228	1473690	32.87	nq	100
83) Bis(2-ethylhexyl)phtha...	14.109	149	1243044	35.97	nq	# 96
84) Di-n-octyl phthalate	14.715	149	1914435	35.77	nq	# 86
85) Indeno(1,2,3-cd)pyrene	17.081	276	1138909	30.51	nq	98
87) Benzo(b)fluoranthene	15.172	252	1345454	36.48	nq	# 96
88) Benzo(k)fluoranthene	15.172	252	1345454	40.96	nq	98
89) Benzo(a)pyrene	15.538	252	1241668	38.34	nq	# 97
90) Dibenzo(a,h)anthracene	17.093	278	975092	35.44	nq	# 95
91) Benzo(g,h,i)perylene	17.527	276	905054	35.57	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.954 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090532.D

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Instrument :

BNA_F

ClientSampleId :

PB93973BSD

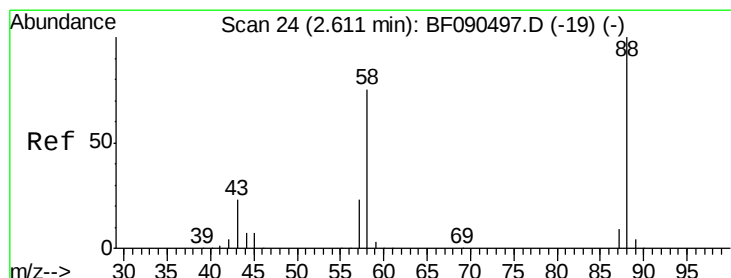
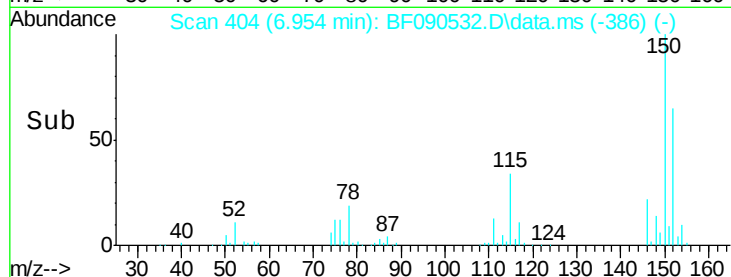
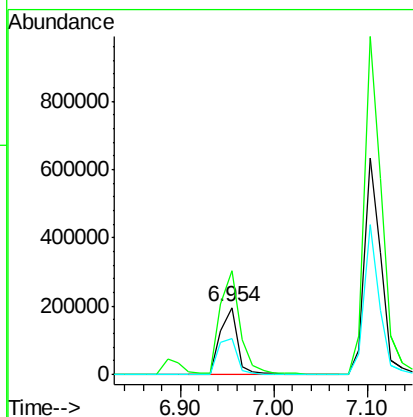
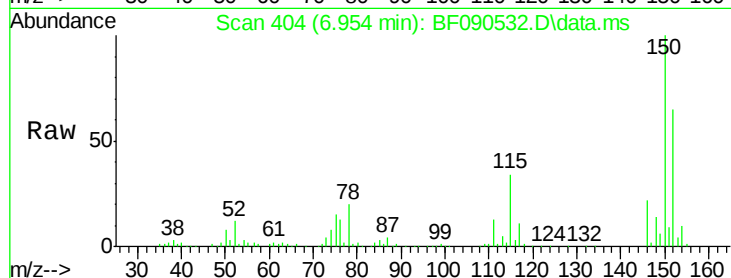
Tot Ion:152 Resp: 249566

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

115 53.4 46.2 69.4



#2

1,4-Dioxane

Concen: 23.55 ng

RT: 2.725 min Scan# 34

Delta R.T. 0.114 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

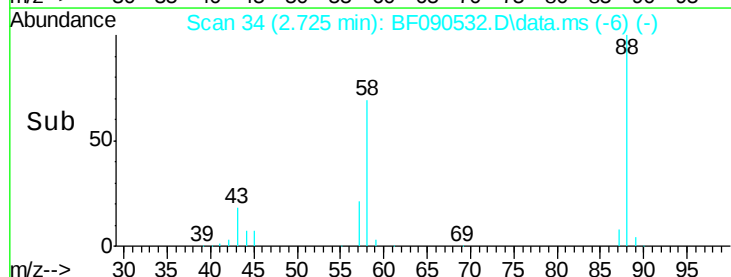
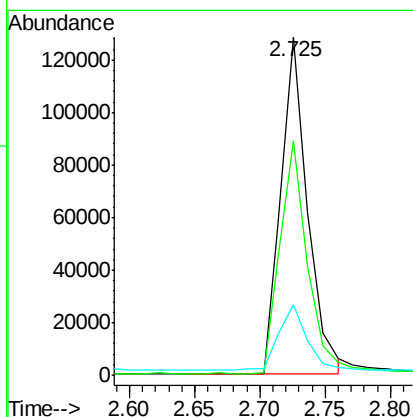
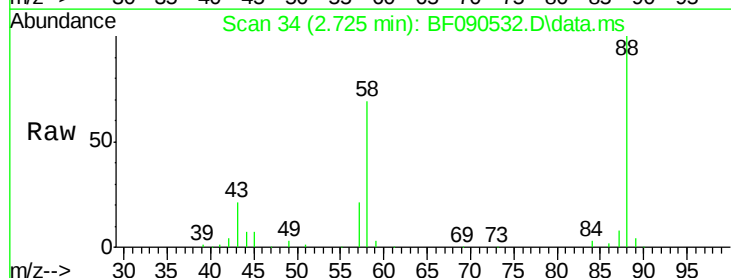
Tgt Ion: 88 Resp: 185352

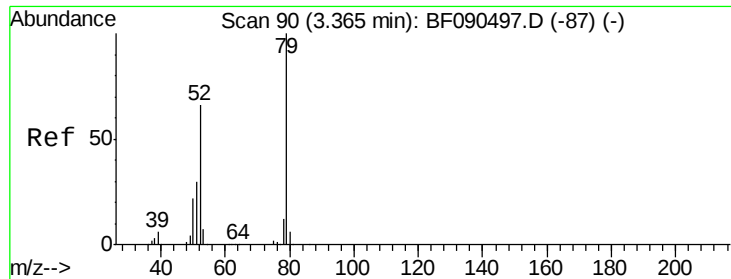
Ion Ratio Lower Upper

88 100

58 69.9 71.2 106.8#

43 19.7 29.8 44.6#

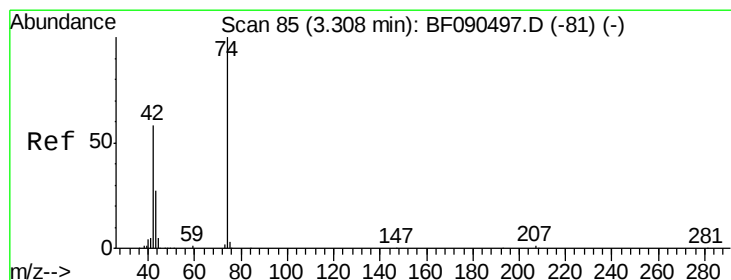
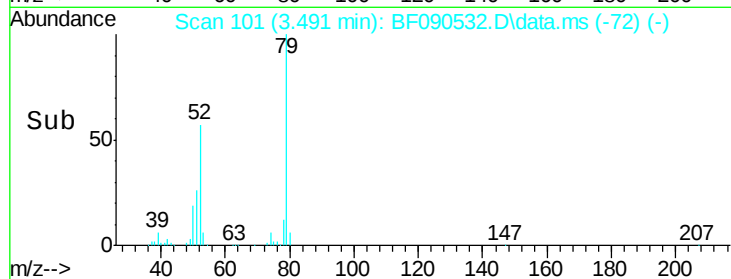
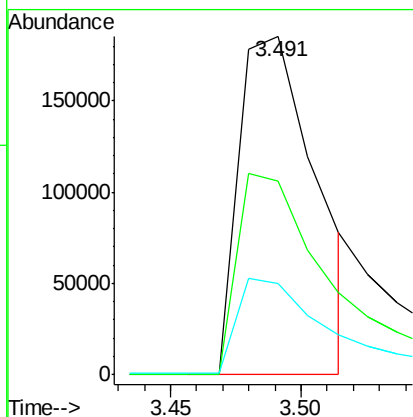
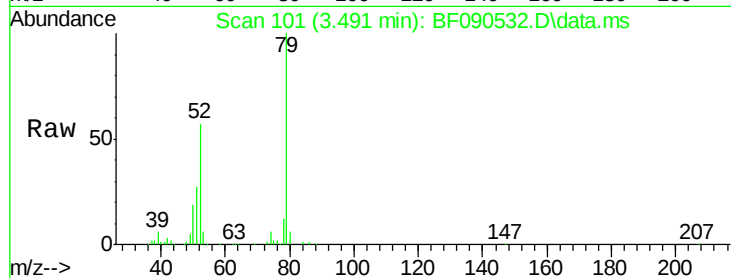




#3
Pvrirdine
Concen: 17.71 ng
RT: 3.491 min Scan# 10
Delta R.T. 0.126 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

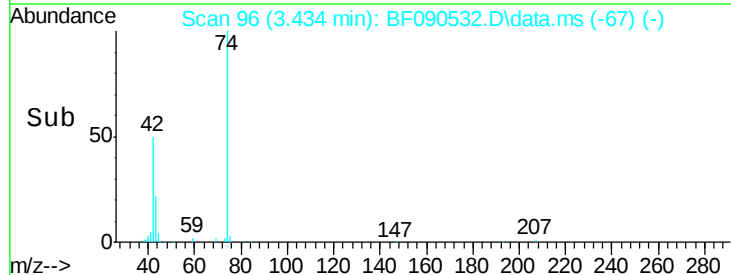
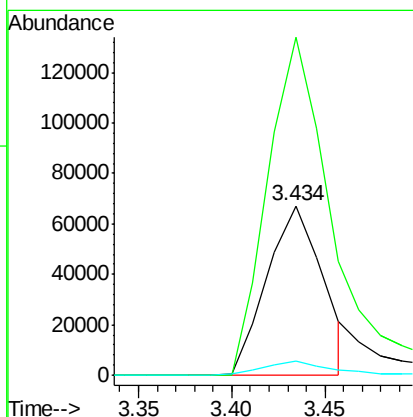
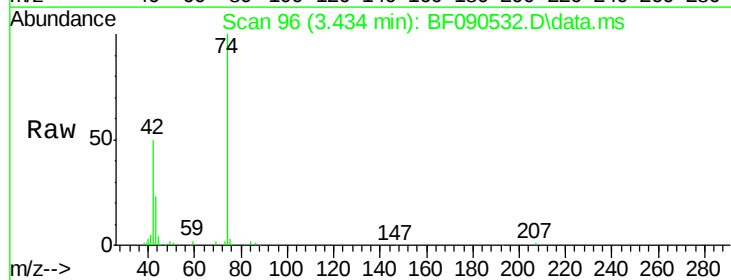
Instrument :
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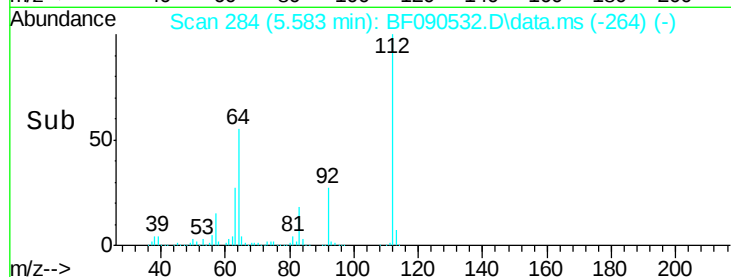
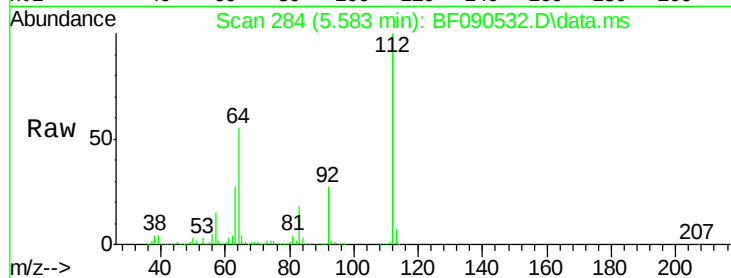
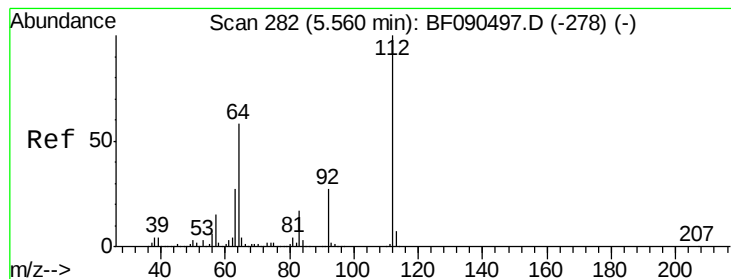
Tot Ion: 79 Resp: 385123
Ion Ratio Lower Upper
79 100
52 57.2 71.3 106.9#
51 26.9 34.5 51.7#



#4
n-Nitrosodimethylamine
Concen: 19.75 ng
RT: 3.434 min Scan# 96
Delta R.T. 0.126 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion: 42 Resp: 140787
Ion Ratio Lower Upper
42 100
74 199.5 88.9 133.3#
44 8.0 6.5 9.7





#5

2-Fluorophenol

Concen: 102.23 ng

RT: 5.583 min Scan# 28

Delta R.T. 0.024 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

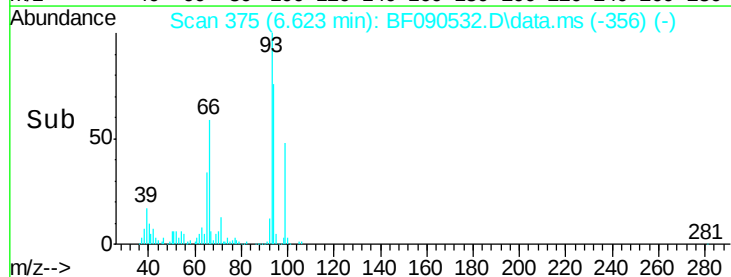
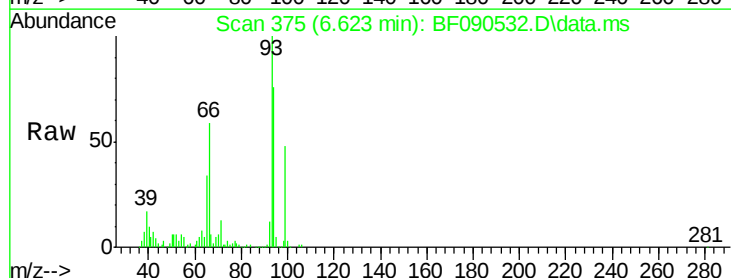
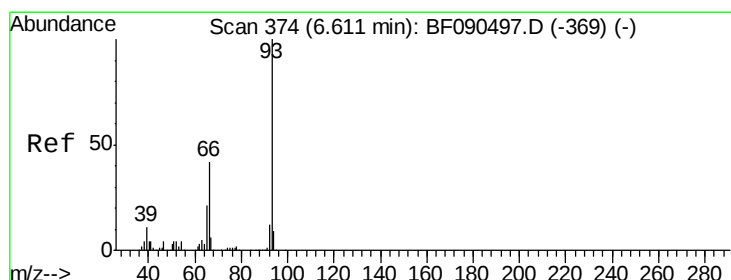
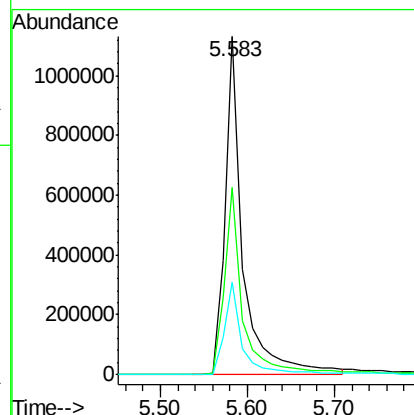
Tot Ion:112 Resp: 1639955

Ion Ratio Lower Upper

112 100

64 55.5 57.9 86.9#

63 27.2 29.6 44.4#



#6

Aniline

Concen: 18.82 ng

RT: 6.623 min Scan# 375

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

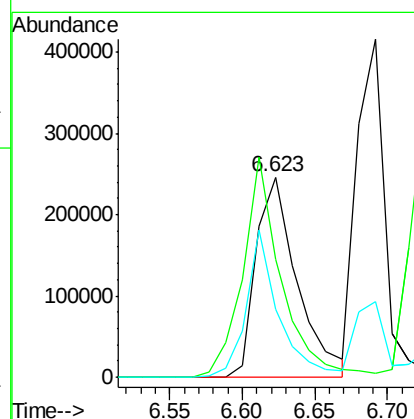
Tgt Ion: 93 Resp: 483200

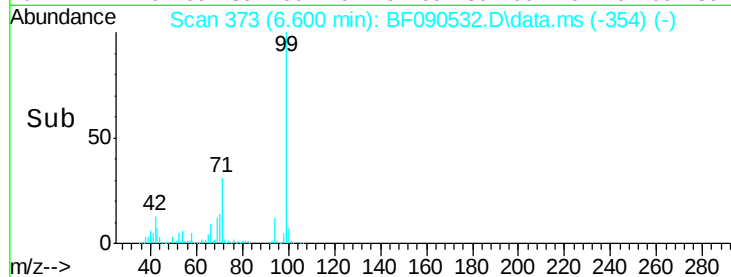
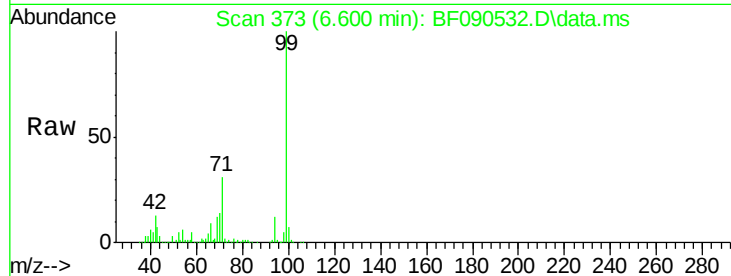
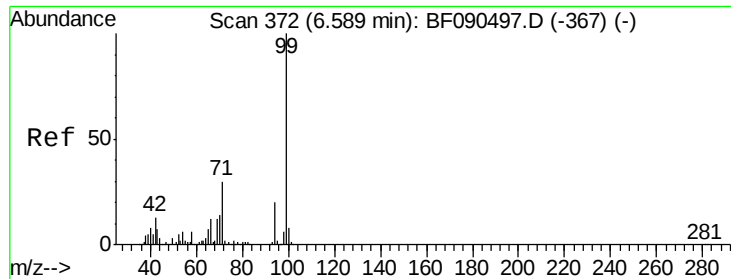
Ion Ratio Lower Upper

93 100

66 59.2 34.5 51.7#

65 34.3 18.2 27.2#





#7

Phenol-d6

Concen: 104.21 ng

RT: 6.600 min Scan# 37

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

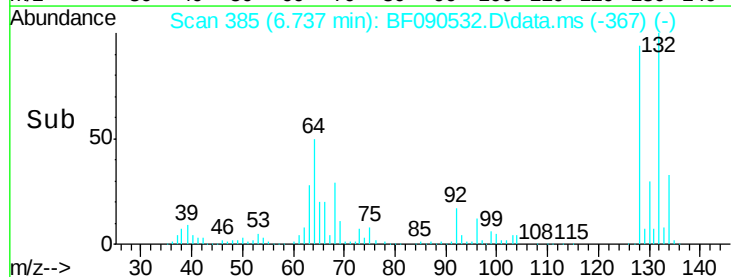
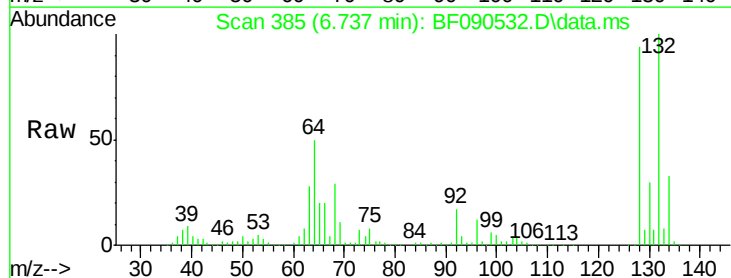
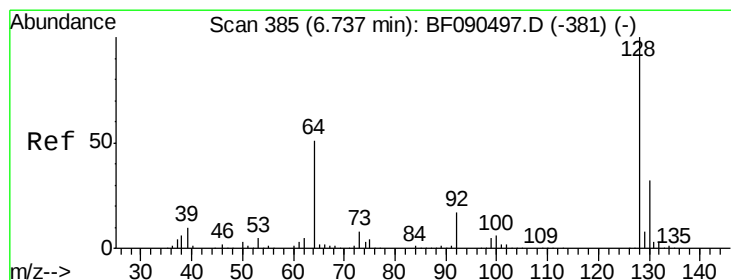
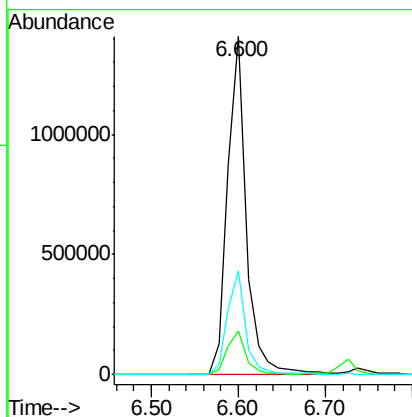
BNA_F

ClientSampleId :

PB93973BSD

Tot Ion: 99 Resp: 2109672

Ion	Ratio	Lower	Upper
99	100		
42	12.8	20.0	30.0#
71	30.7	27.9	41.9



#8

2-Chlorophenol

Concen: 34.94 ng

RT: 6.737 min Scan# 385

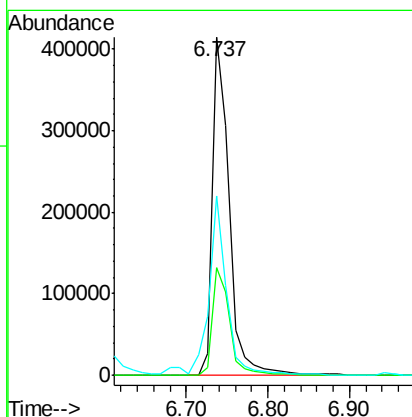
Delta R.T. 0.000 min

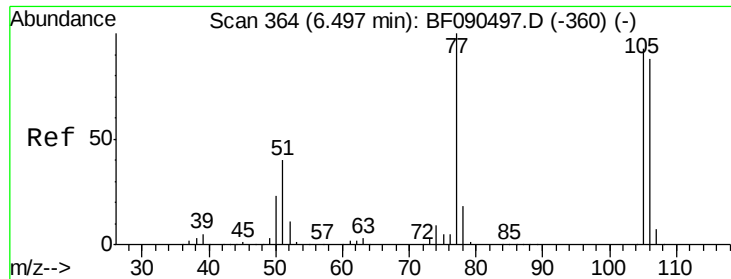
Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion: 128 Resp: 596288

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.3	53.3
64	53.0	36.0	76.0





#9

Benzaldehyde

Concen: 11.97 ng

RT: 6.497 min Scan# 364

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

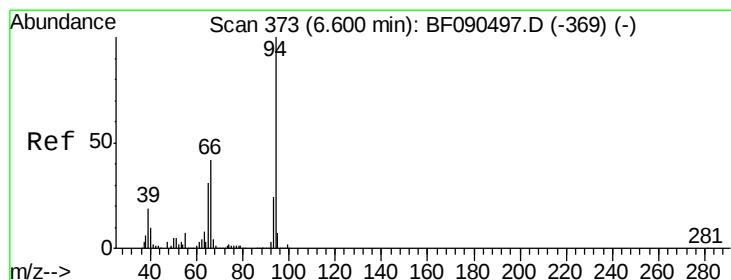
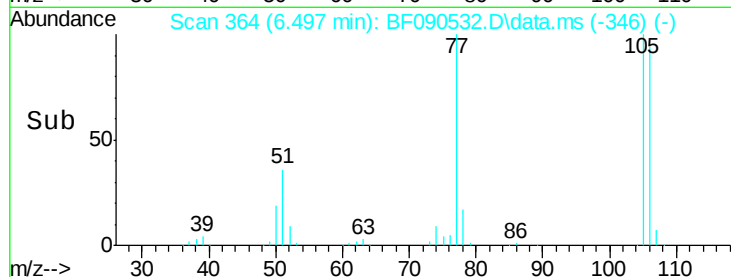
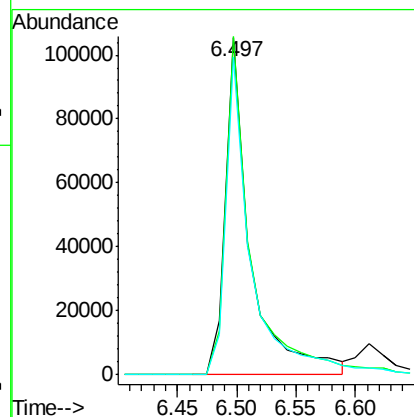
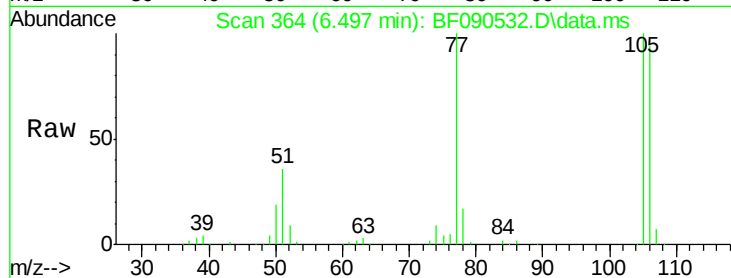
Tot Ion: 77 Resp: 152615

Ion Ratio Lower Upper

77 100

105 100.2 73.1 113.1

106 94.2 70.2 110.2



#10

Phenol

Concen: 32.63 ng

RT: 6.612 min Scan# 374

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

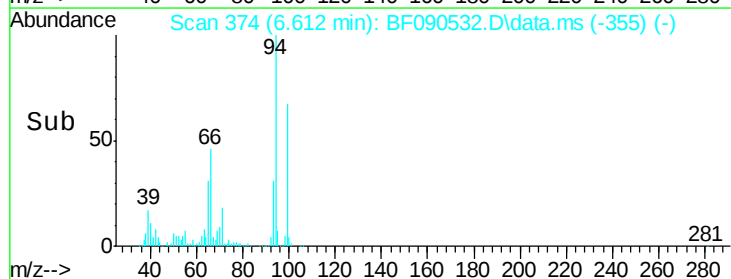
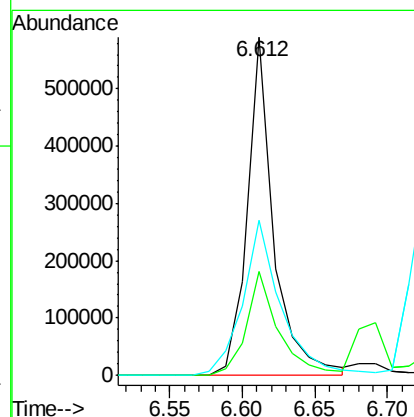
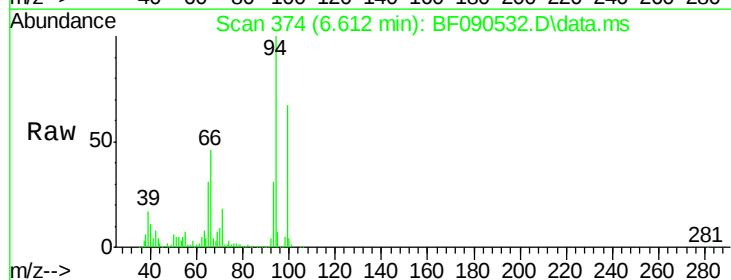
Tgt Ion: 94 Resp: 745077

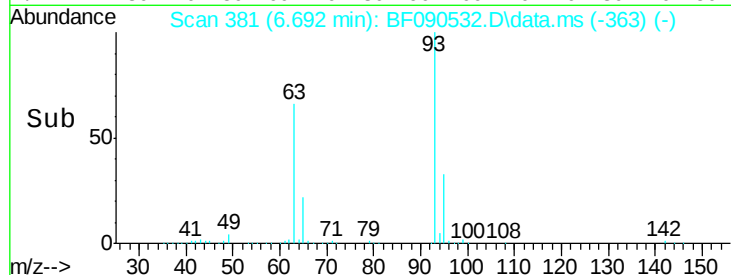
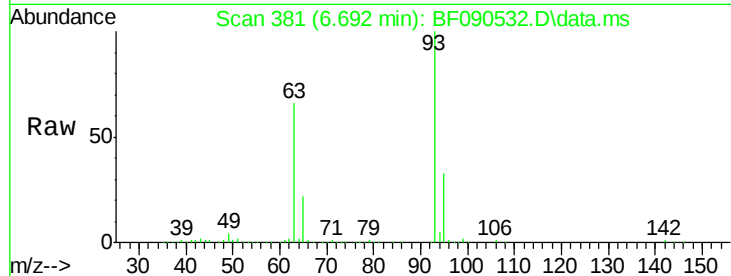
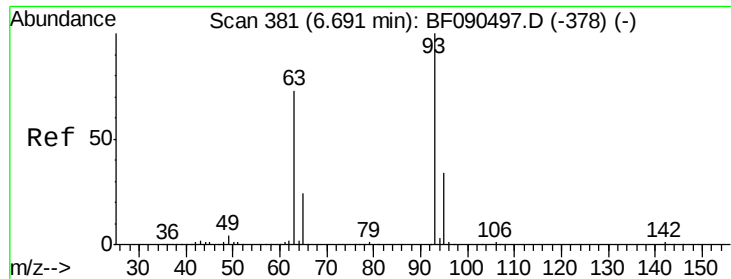
Ion Ratio Lower Upper

94 100

65 30.7 13.3 53.3

66 46.0 20.4 60.4

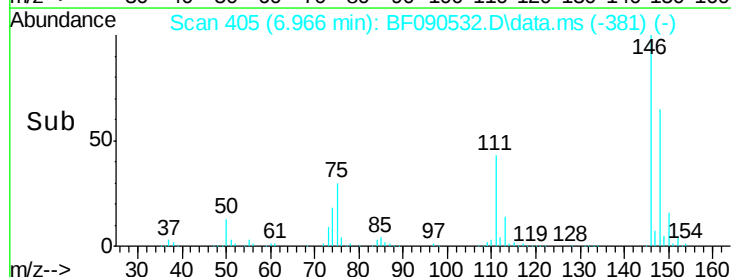
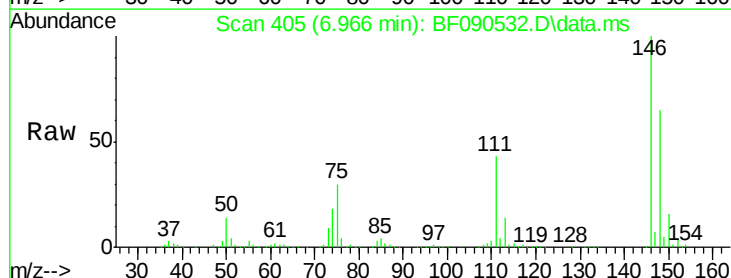
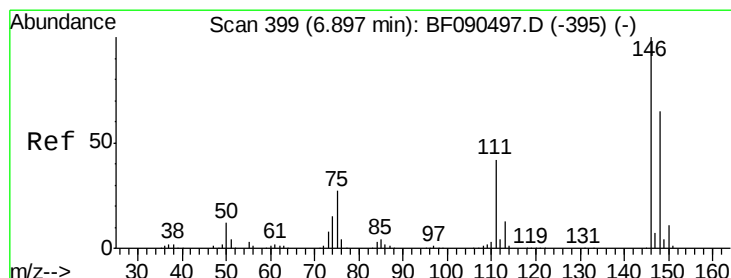
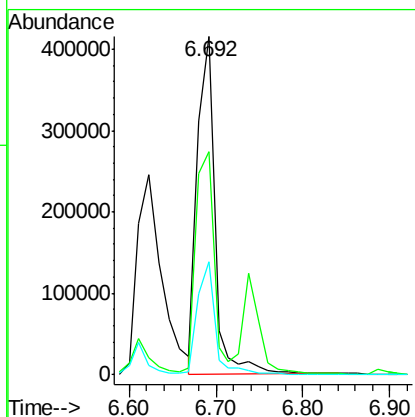




#11
bis(2-Chloroethyl)ether
Concen: 34.05 ng
RT: 6.692 min Scan# 381
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

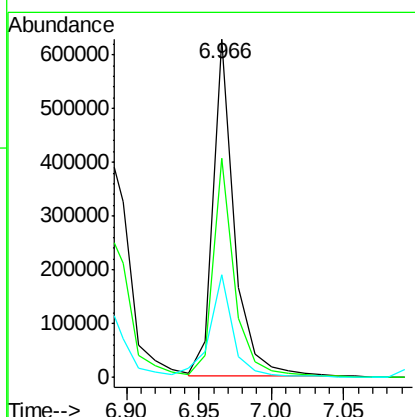
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

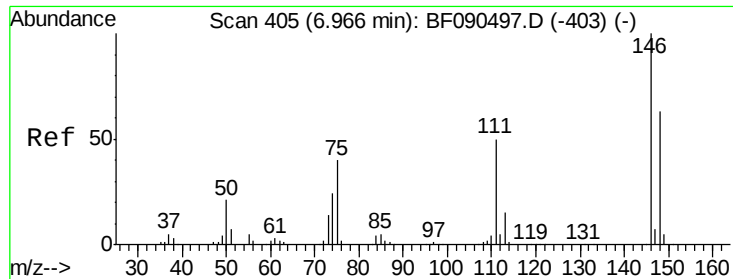
Tot Ion: 93 Resp: 582052
Ion Ratio Lower Upper
93 100
63 66.0 59.7 99.7
95 33.5 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 34.74 ng
RT: 6.966 min Scan# 405
Delta R.T. 0.069 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion: 146 Resp: 639611
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.4
75 30.3 21.4 32.2

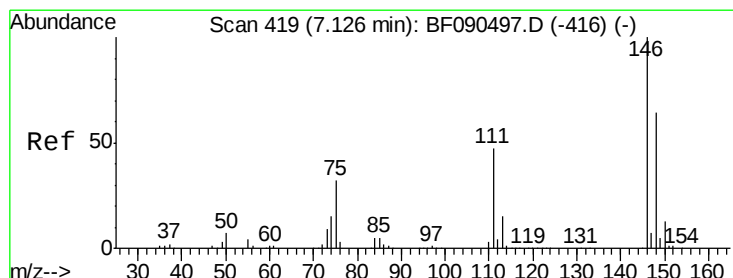
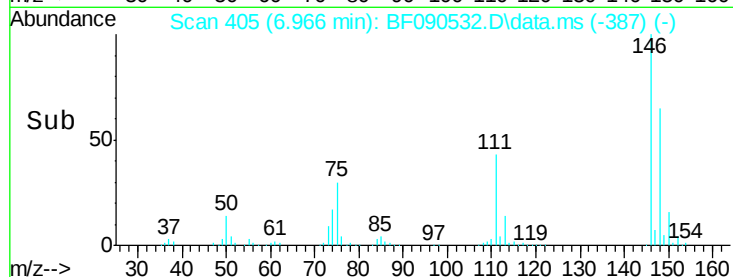
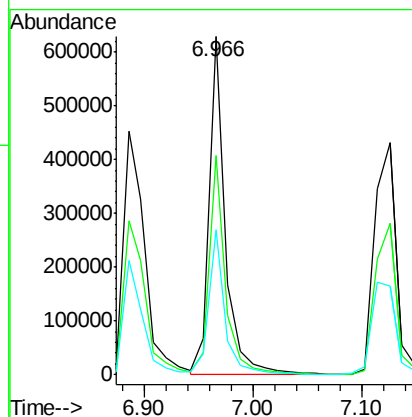
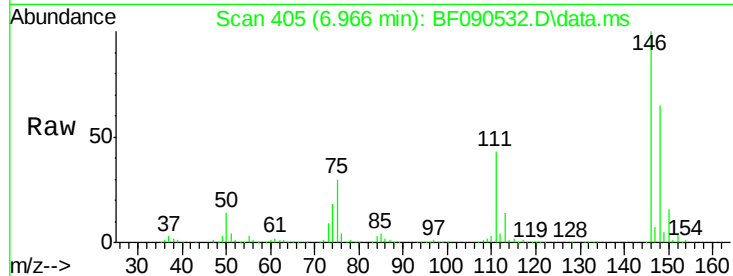




#13
 1,4-Dichlorobenzene
 Concen: 34.69 ng
 RT: 6.966 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

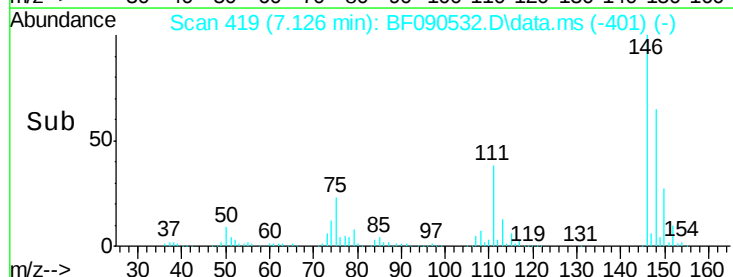
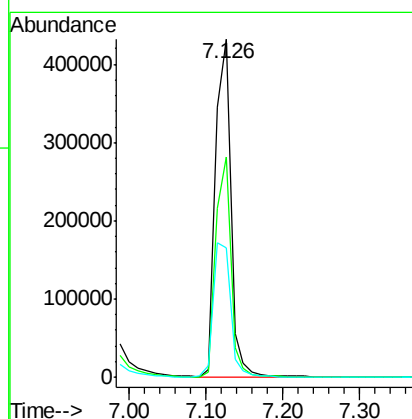
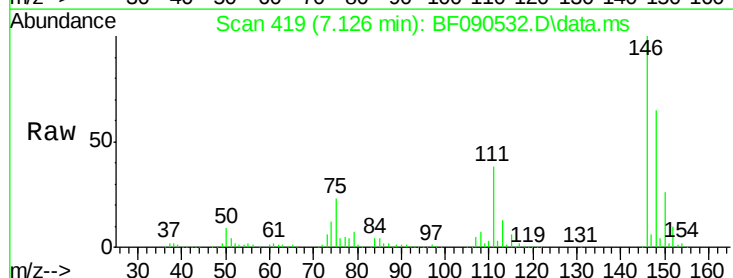
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

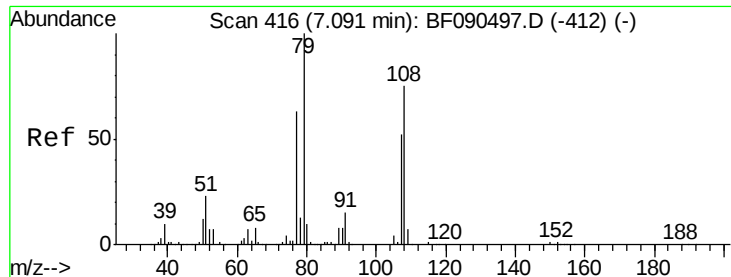
Tot Ion:146 Resp: 651658
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 43.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 35.14 ng
 RT: 7.126 min Scan# 419
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:146 Resp: 599885
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 38.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 30.52 ng

RT: 7.092 min Scan# 41

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

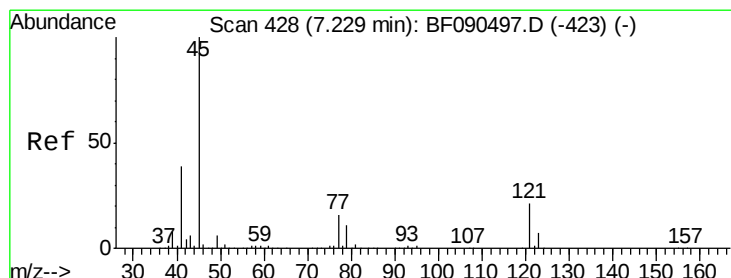
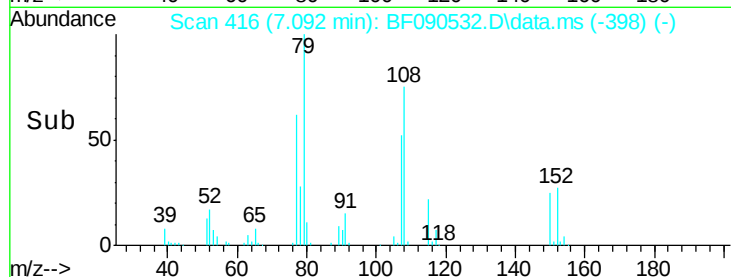
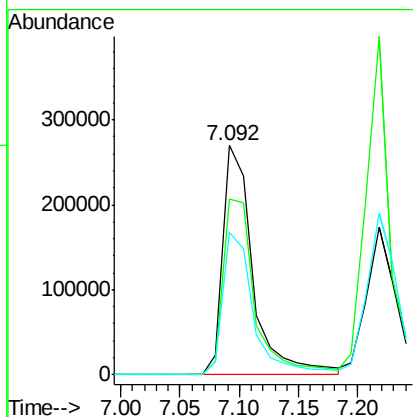
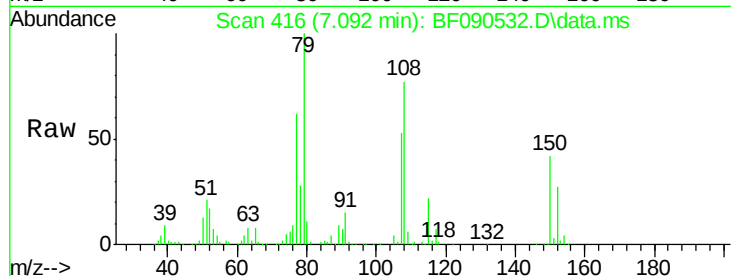
Tot Ion: 79 Resp: 474382

Ion Ratio Lower Upper

79 100

108 76.5 60.9 91.3

77 62.0 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.56 ng

RT: 7.229 min Scan# 428

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

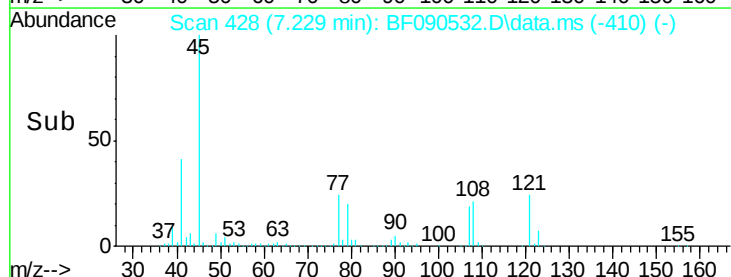
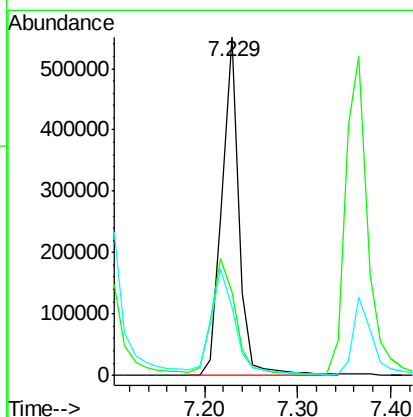
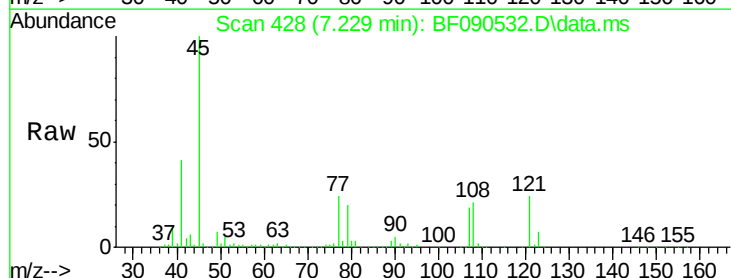
Tgt Ion: 45 Resp: 699701

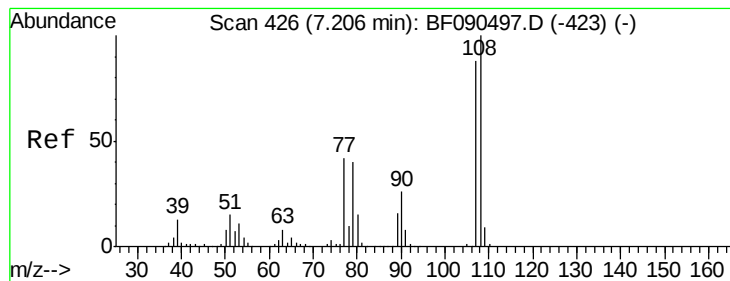
Ion Ratio Lower Upper

45 100

77 24.5 0.0 30.8

79 20.3 0.0 28.2





#17

2-Methylphenol

Concen: 36.68 ng

RT: 7.217 min Scan# 42

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:107 Resp: 509042

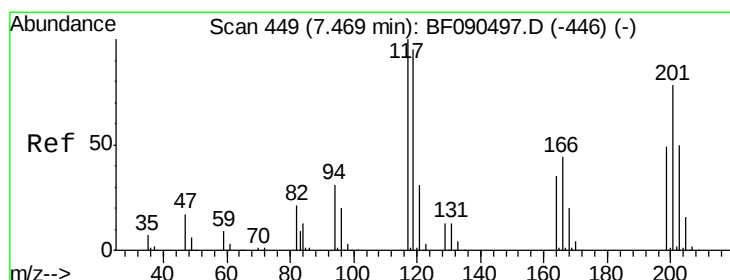
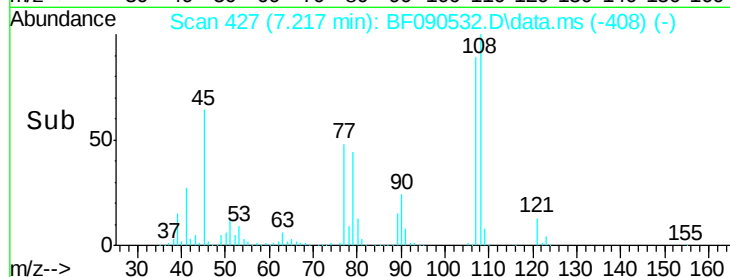
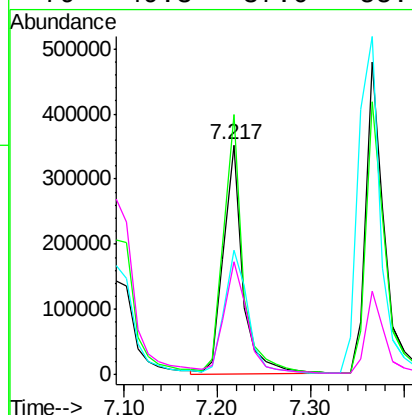
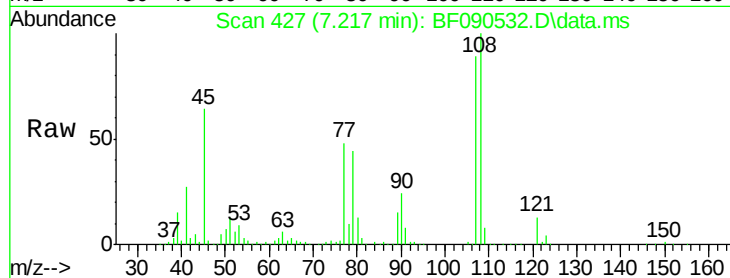
Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 54.0 38.2 57.4

79 49.3 37.0 55.4



#18

Hexachloroethane

Concen: 34.84 ng

RT: 7.457 min Scan# 448

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

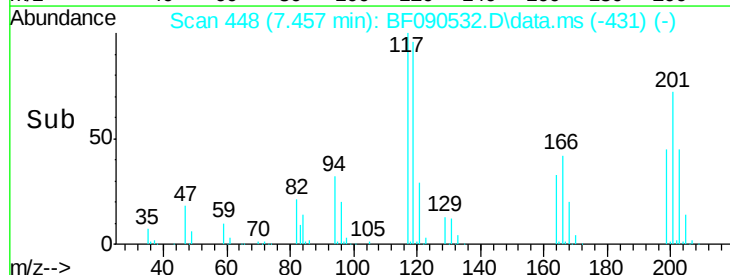
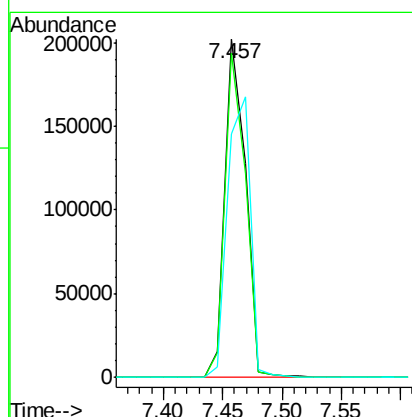
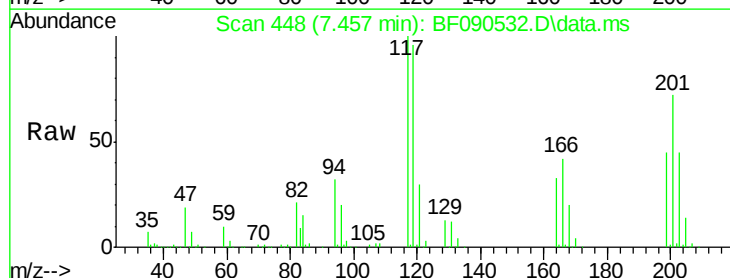
Tgt Ion:117 Resp: 241532

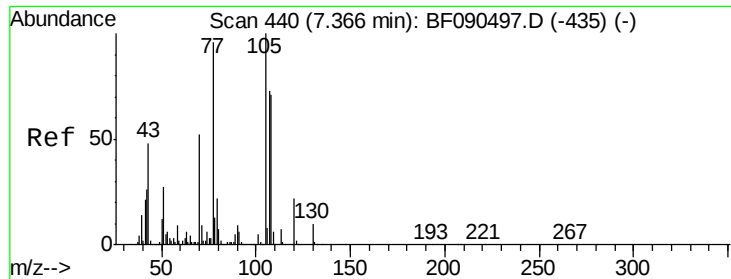
Ion Ratio Lower Upper

117 100

119 95.7 75.9 113.9

201 71.8 66.5 99.7

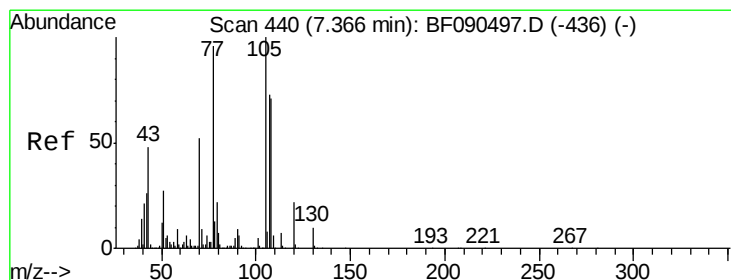
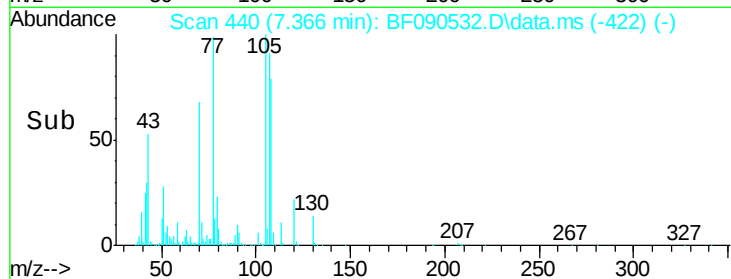
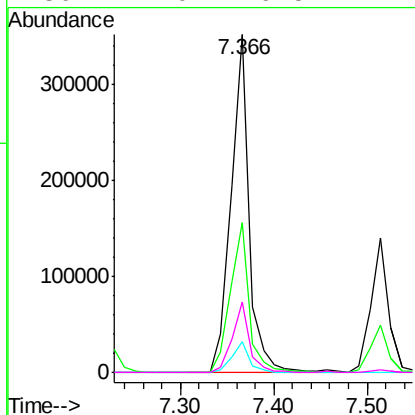
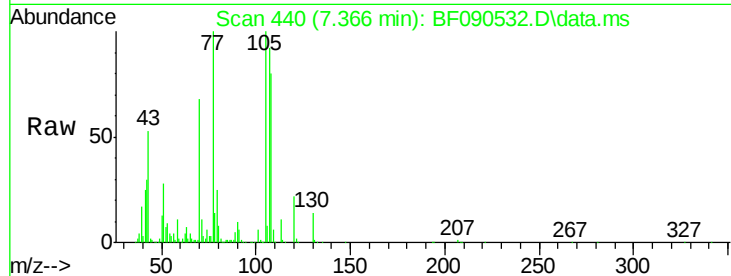




#19
n-Nitroso-di-n-propylamine
Concen: 37.16 ng
RT: 7.366 min Scan# 440
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

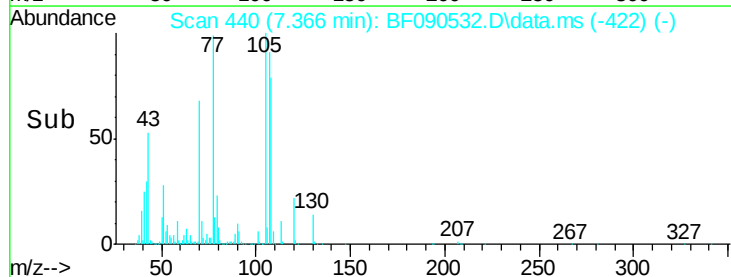
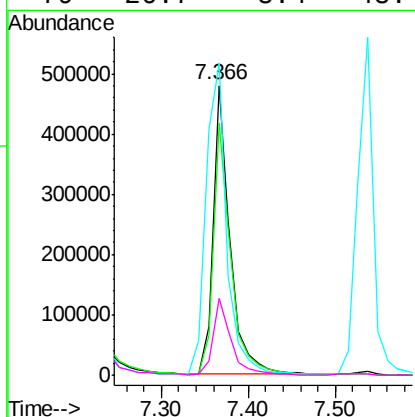
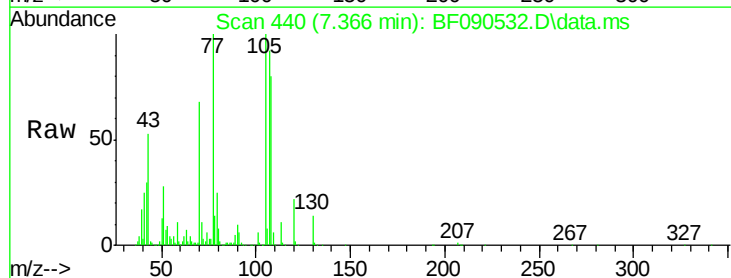
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

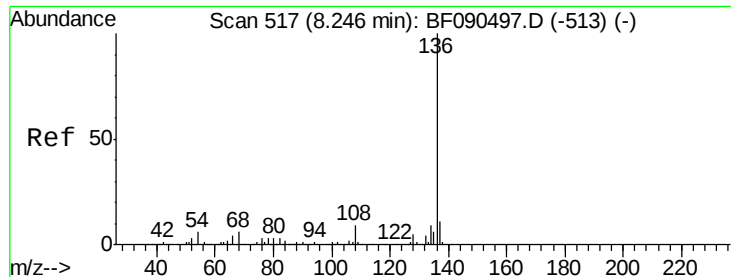
Tot Ion:	70	Resp:	479778
Ion	Ratio	Lower	Upper
70	100		
42	44.4	55.4	83.2#
101	9.3	7.6	11.4
130	21.0	16.5	24.7



#20
3+4-Methylphenols
Concen: 37.48 ng
RT: 7.366 min Scan# 440
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:	107	Resp:	658620
Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.7	106.7
77	108.0	53.7	93.7#
79	26.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.235 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:136 Resp: 1055485

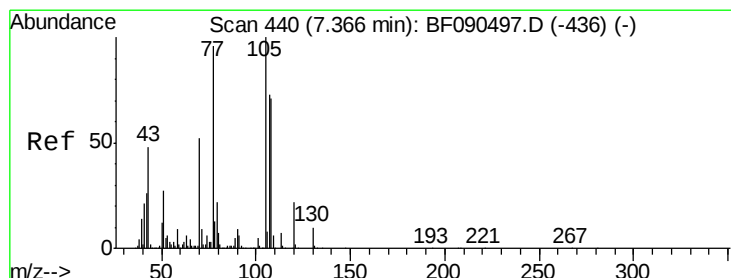
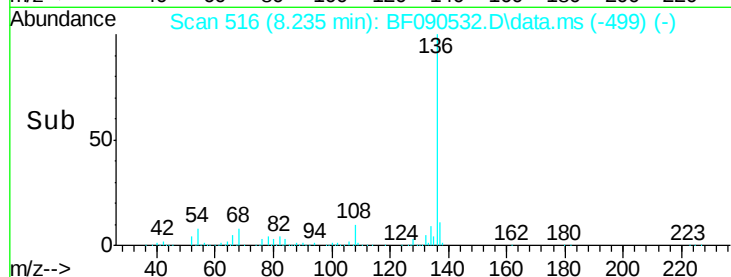
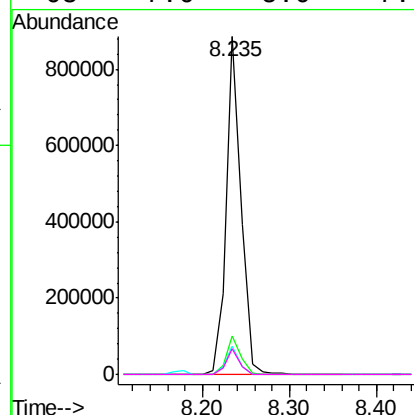
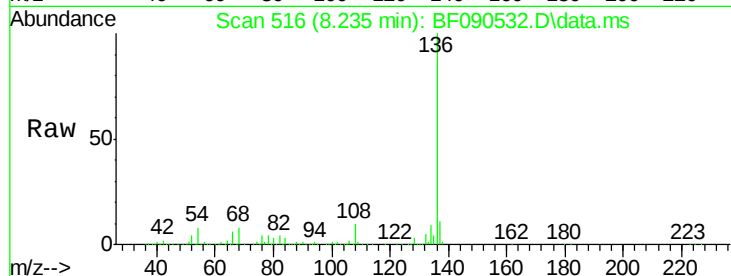
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.3 6.6 10.0

68 7.6 5.0 7.6#



#22

Acetophenone

Concen: 37.02 ng

RT: 7.366 min Scan# 440

Delta R.T. 0.001 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:105 Resp: 860147

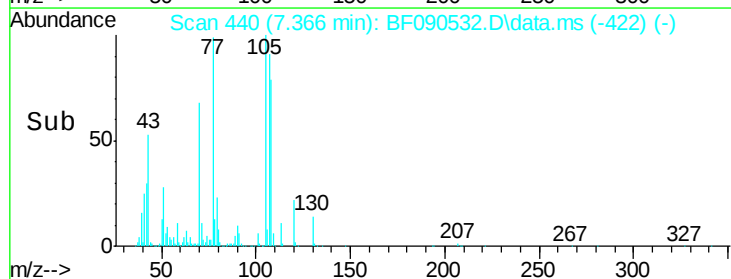
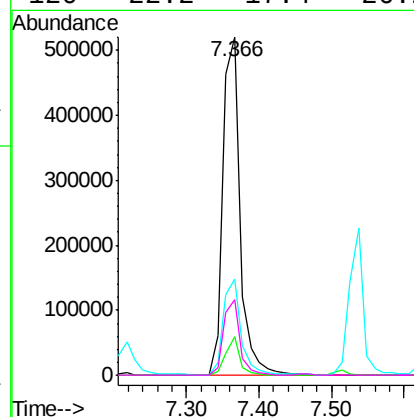
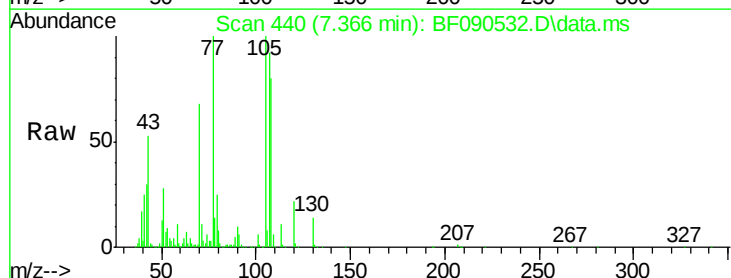
Ion Ratio Lower Upper

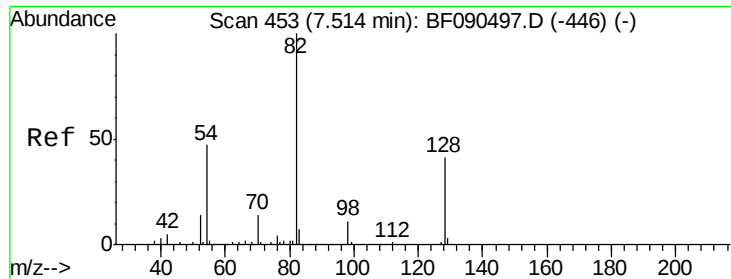
105 100

71 11.4 3.8 5.6#

51 28.3 28.2 42.4

120 22.2 17.4 26.2

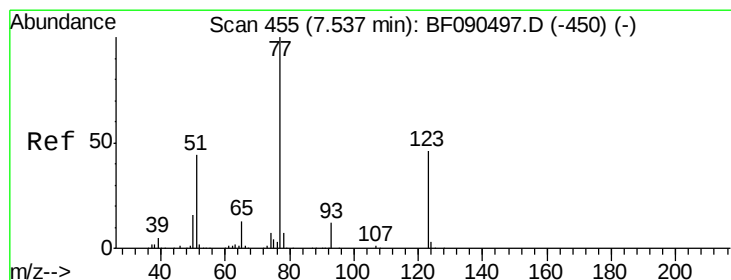
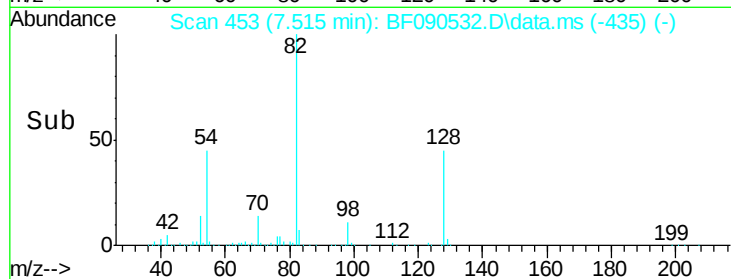
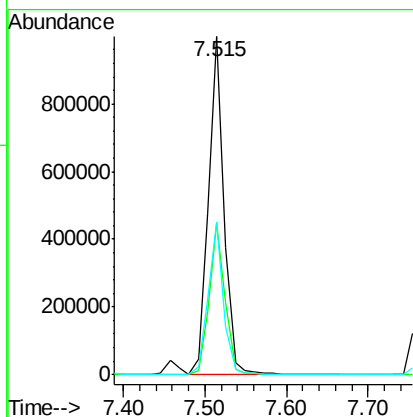
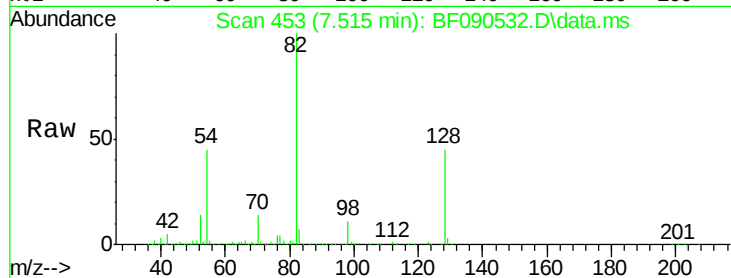




#23
Nitrobenzene-d5
Concen: 69.06 ng
RT: 7.515 min Scan# 45
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

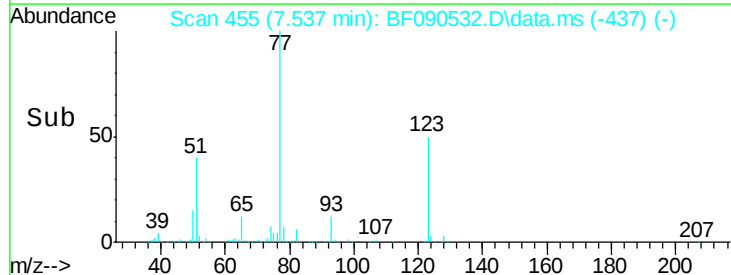
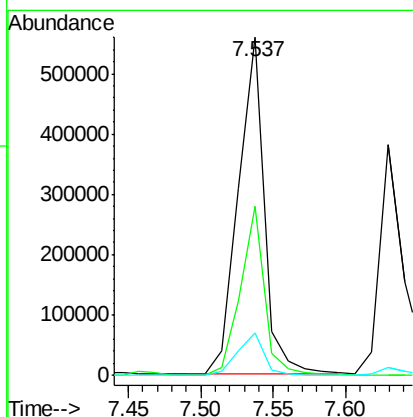
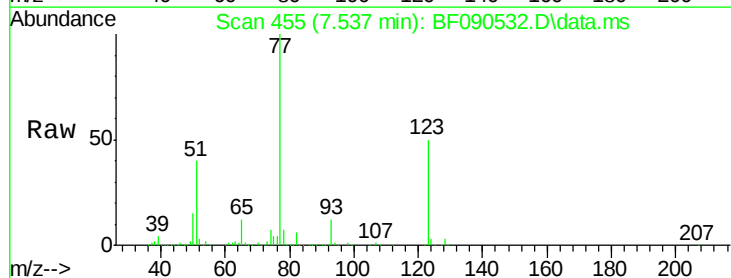
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

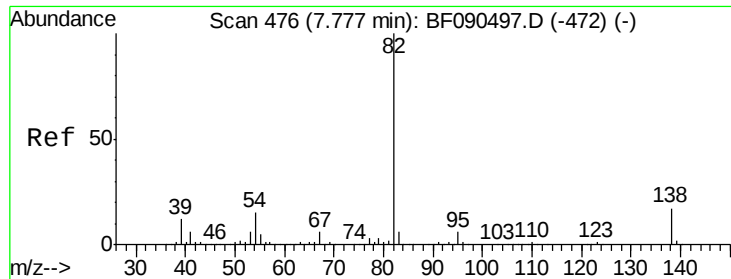
Tot Ion: 82 Resp: 1343943
Ion Ratio Lower Upper
82 100
128 44.7 40.0 60.0
54 45.2 42.6 64.0



#24
Nitrobenzene
Concen: 33.41 ng
RT: 7.537 min Scan# 455
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion: 77 Resp: 697306
Ion Ratio Lower Upper
77 100
123 50.0 33.0 49.4#
65 12.5 12.0 18.0





#25

Isophorone

Concen: 34.62 ng

RT: 7.777 min Scan# 47

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

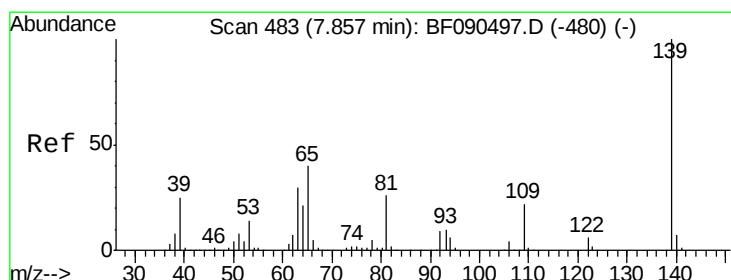
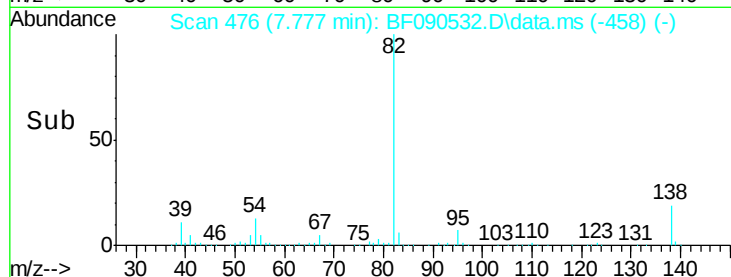
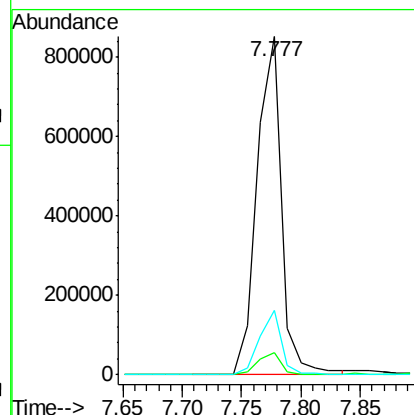
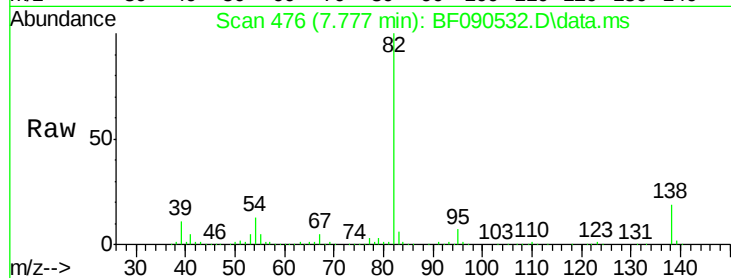
Tot Ion: 82 Resp: 1225963

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.0 13.0 19.4



#26

2-Nitrophenol

Concen: 34.52 ng

RT: 7.846 min Scan# 482

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

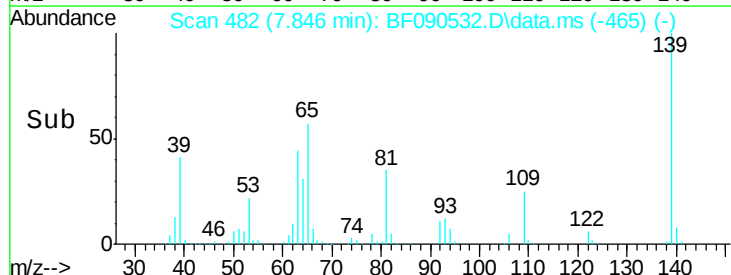
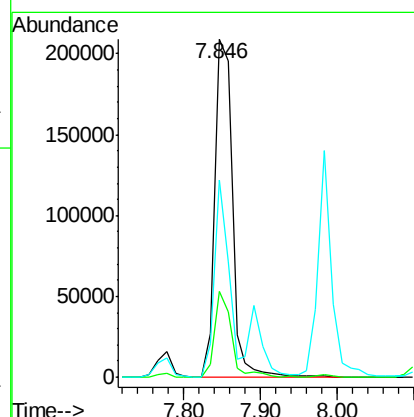
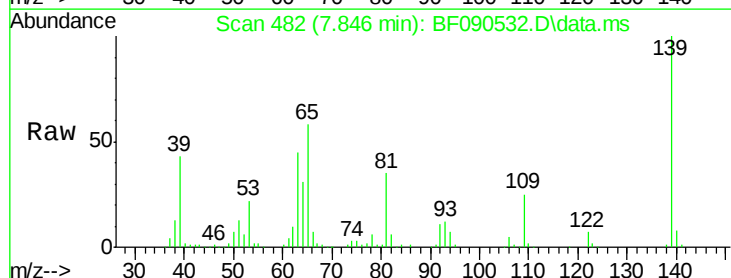
Tgt Ion: 139 Resp: 328723

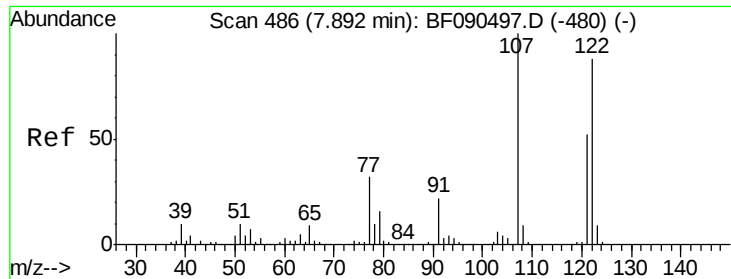
Ion Ratio Lower Upper

139 100

109 25.2 18.9 28.3

65 58.3 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 35.63 ng

RT: 7.892 min Scan# 486

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

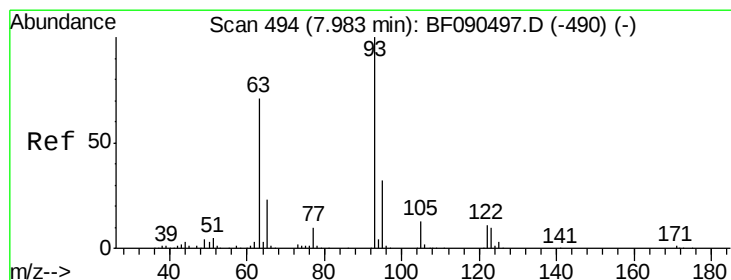
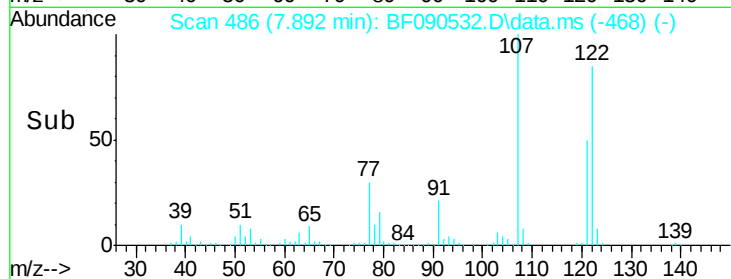
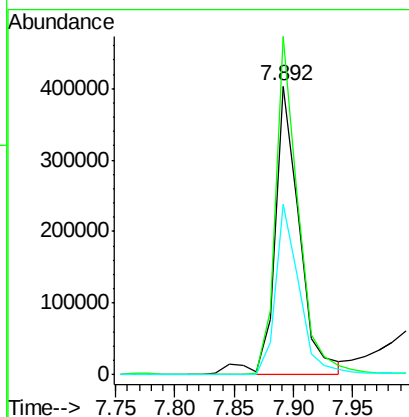
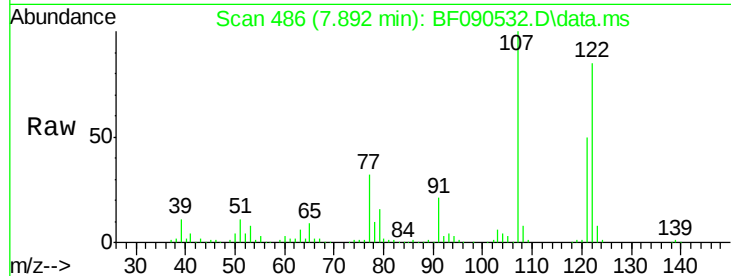
Tot Ion:122 Resp: 576786

Ion Ratio Lower Upper

122 100

107 117.1 88.6 132.8

121 58.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 35.41 ng

RT: 7.983 min Scan# 494

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

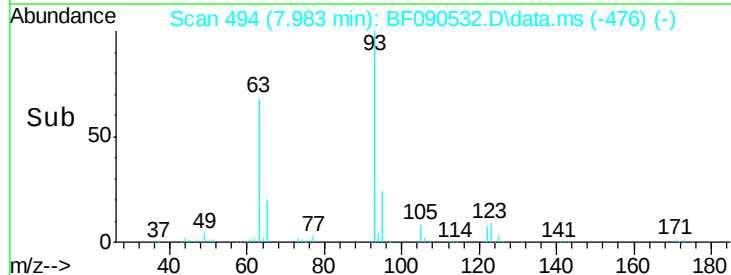
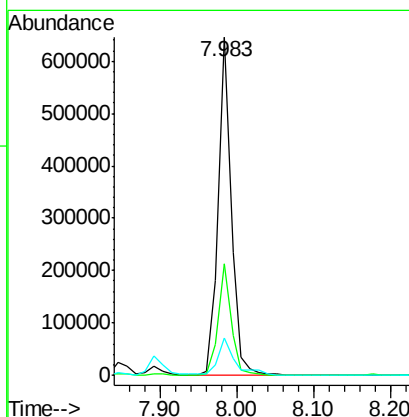
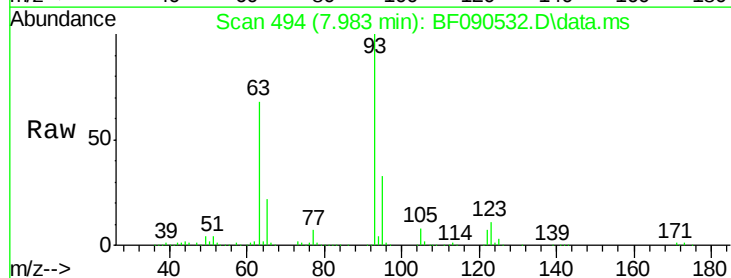
Tgt Ion: 93 Resp: 774600

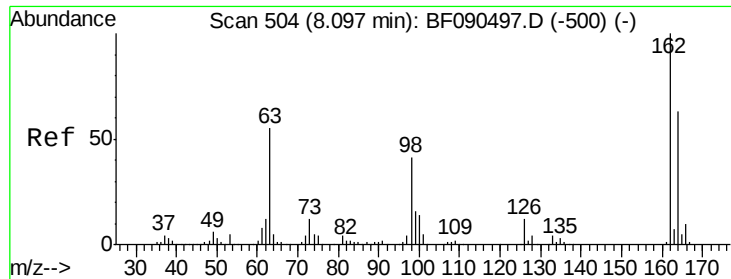
Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

123 10.9 11.1 16.7#

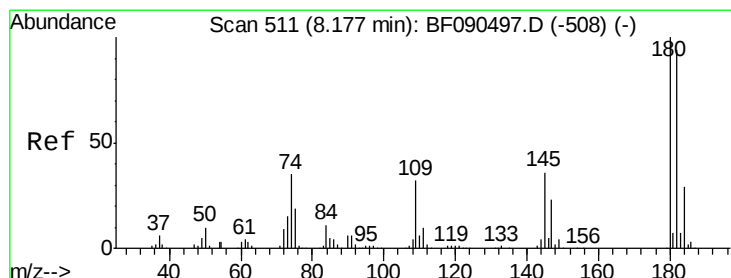
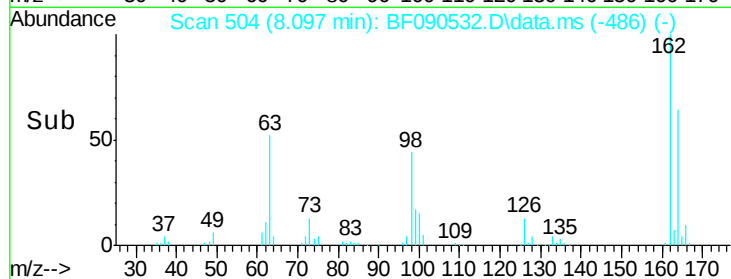
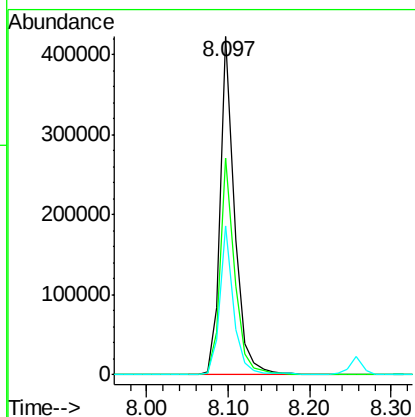
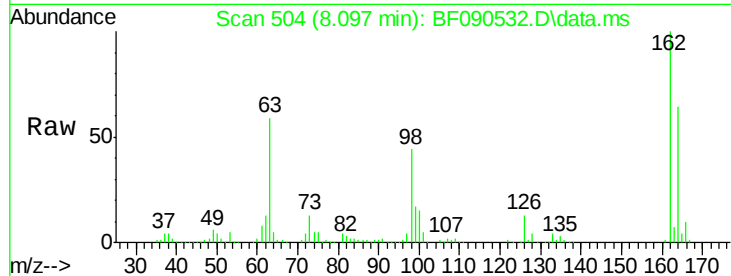




#29
2,4-Dichlorophenol
Concen: 37.84 ng
RT: 8.097 min Scan# 504
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

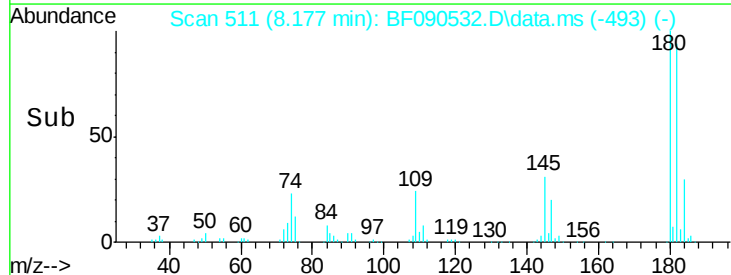
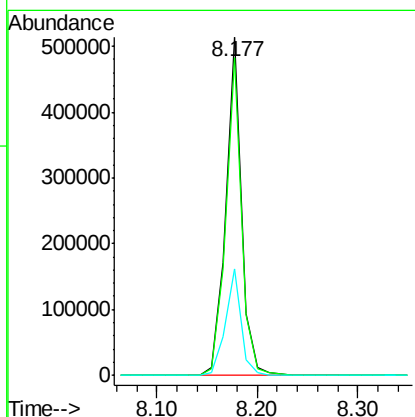
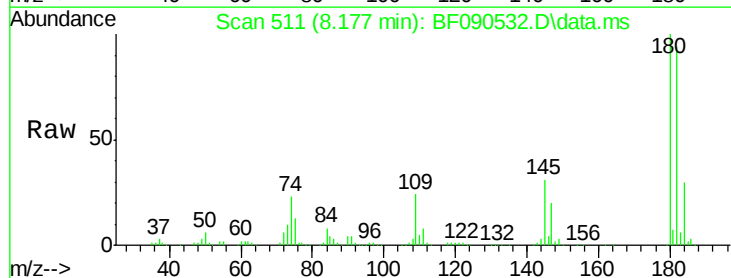
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

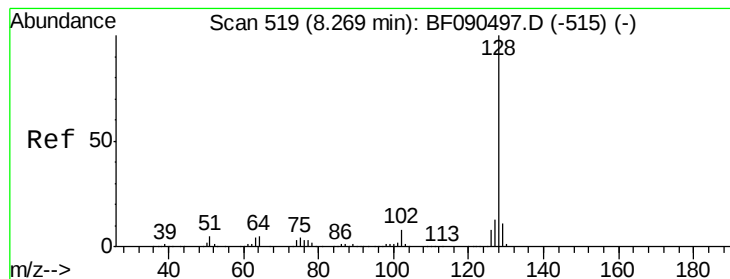
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.7	85.7
98	44.0	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 35.57 ng
RT: 8.177 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.3	112.9
145	31.4	27.7	41.5





#31

Naphthalene

Concen: 33.68 ng

RT: 8.257 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

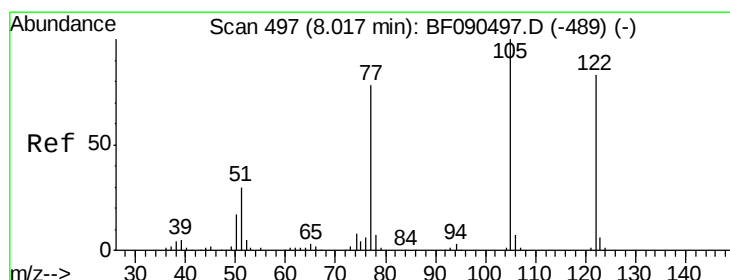
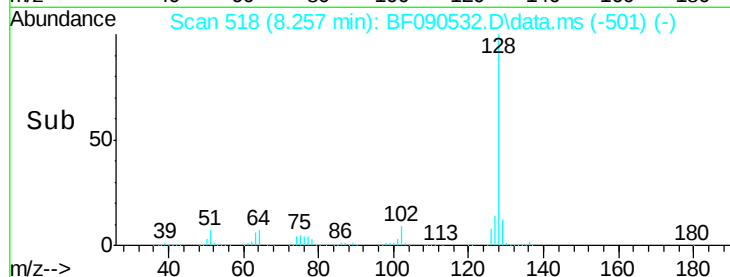
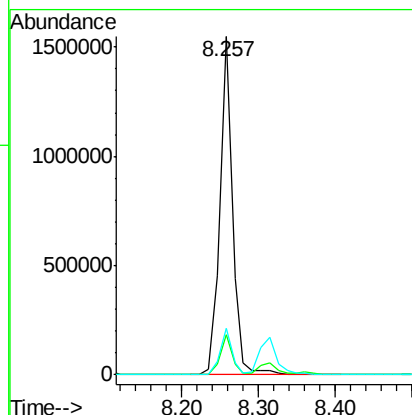
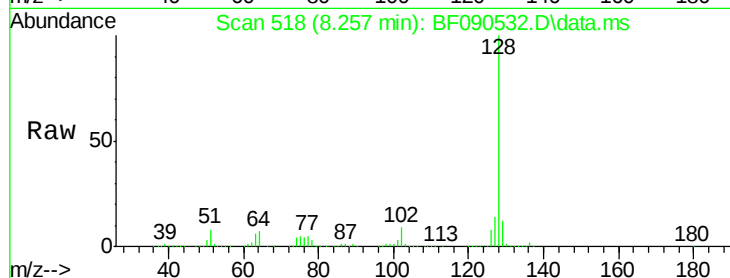
Tot Ion:128 Resp: 1770982

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

127 13.7 11.7 17.5



#32

Benzoic acid

Concen: 26.52 ng

RT: 8.029 min Scan# 498

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

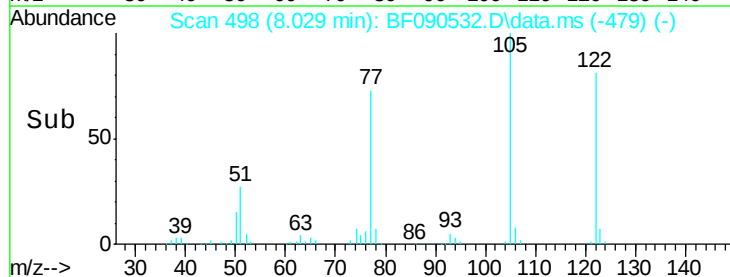
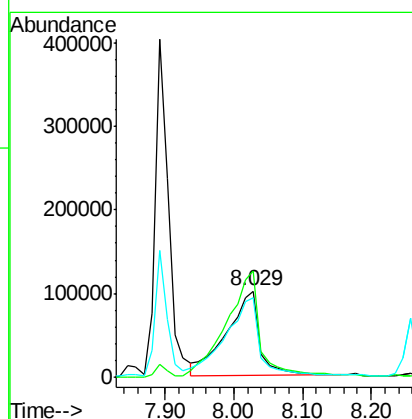
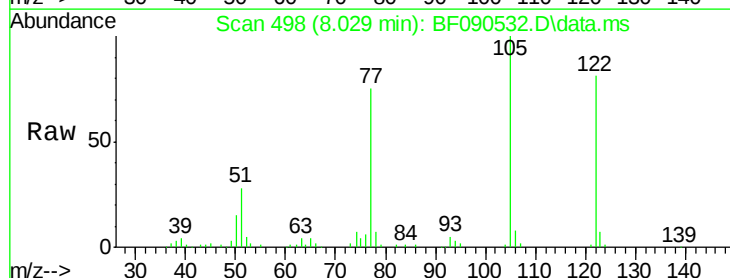
Tgt Ion:122 Resp: 338780

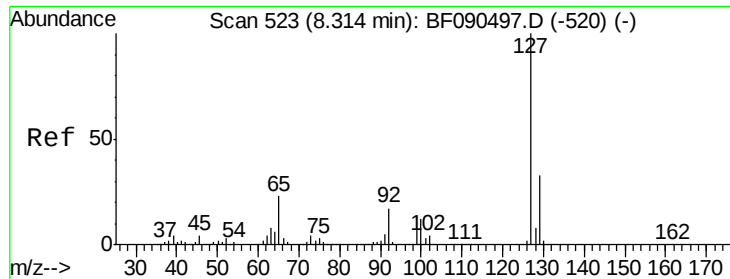
Ion Ratio Lower Upper

122 100

105 123.4 103.9 143.9

77 92.0 74.6 114.6





#33

4-Chloroaniline

Concen: 12.02 ng

RT: 8.315 min Scan# 52

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

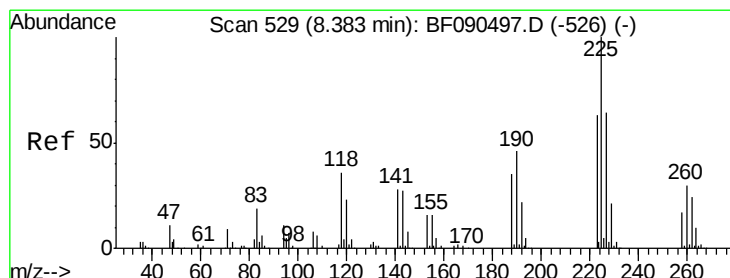
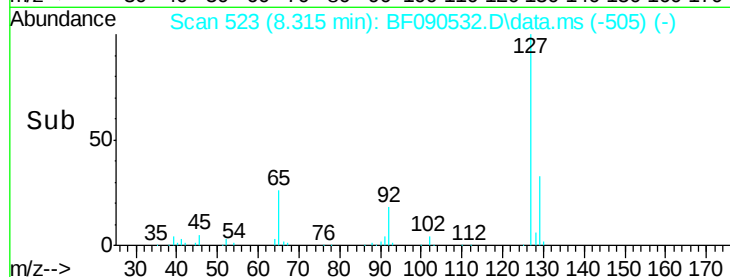
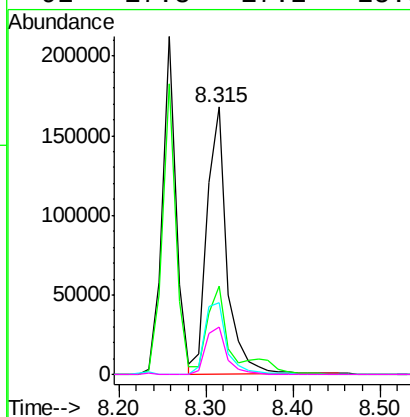
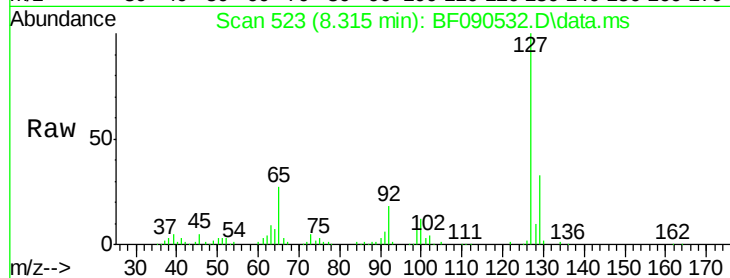
Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:	127	Resp:	267651
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.2	39.4
65	26.7	32.5	48.7#
92	17.8	17.2	25.8



#34

Hexachlorobutadiene

Concen: 33.55 ng

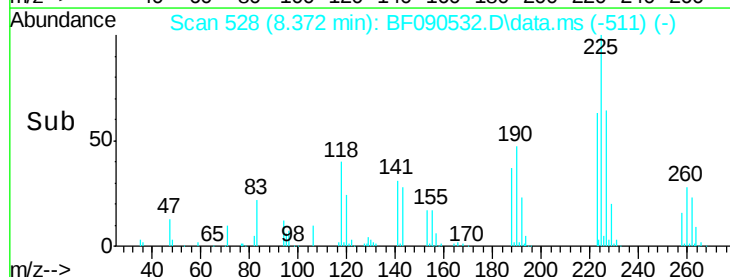
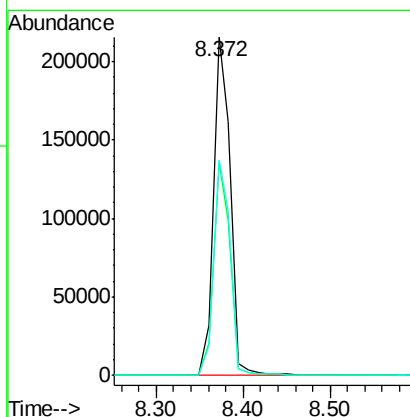
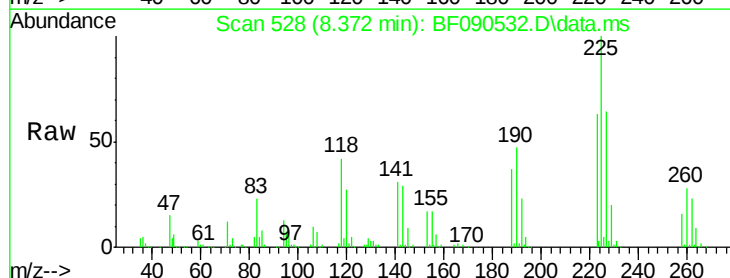
RT: 8.372 min Scan# 528

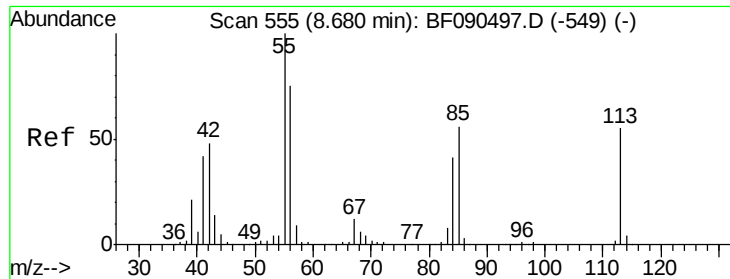
Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:	225	Resp:	291683
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.4
227	63.7	50.8	76.2





#35

Caprolactam

Concen: 22.84 ng

RT: 8.680 min Scan# 555

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

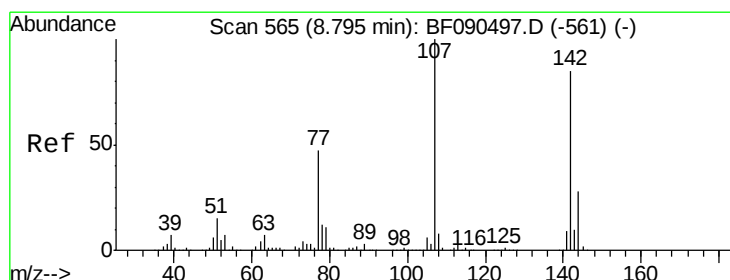
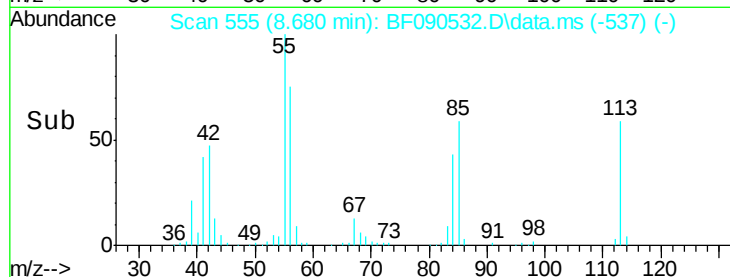
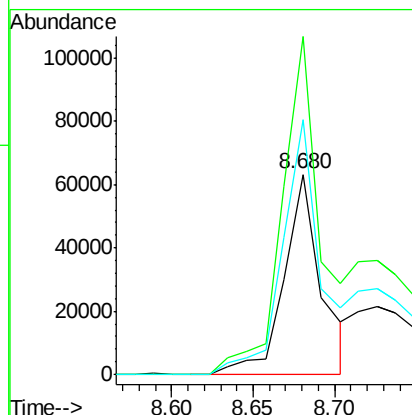
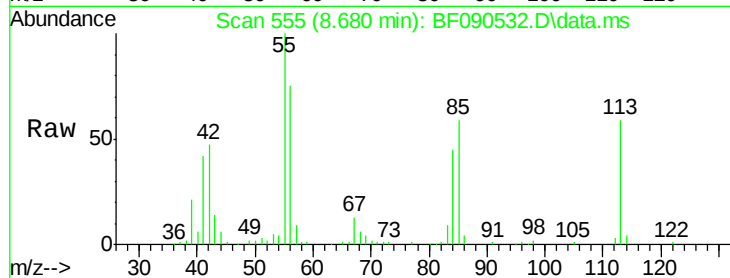
Tot Ion:113 Resp: 100242

Ion Ratio Lower Upper

113 100

55 169.0 203.3 243.3#

56 127.5 140.5 180.5#



#36

4-Chloro-3-methylphenol

Concen: 35.99 ng

RT: 8.806 min Scan# 566

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

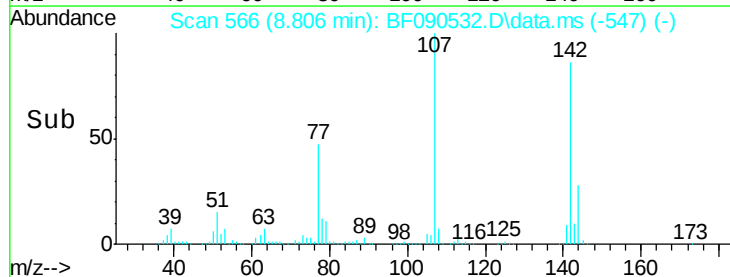
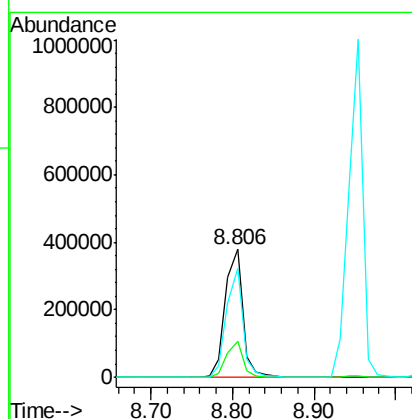
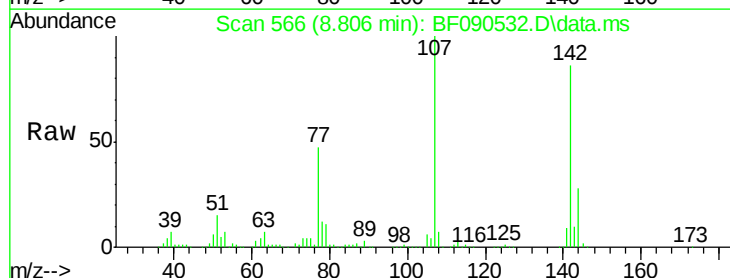
Tgt Ion:107 Resp: 569095

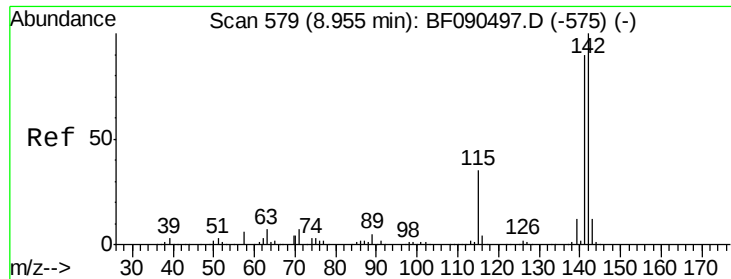
Ion Ratio Lower Upper

107 100

144 28.3 19.8 29.8

142 85.8 60.7 91.1

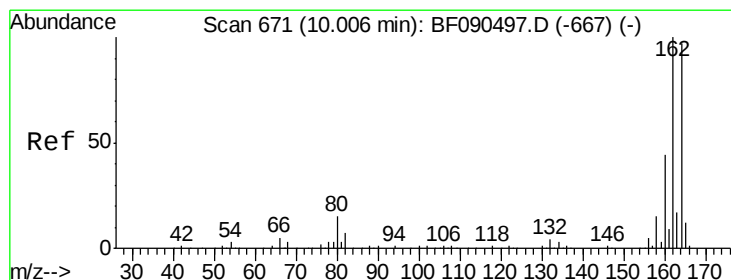
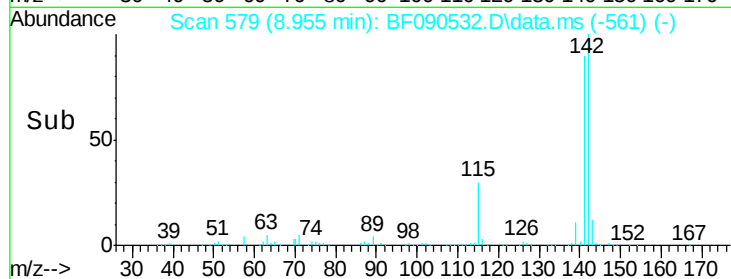
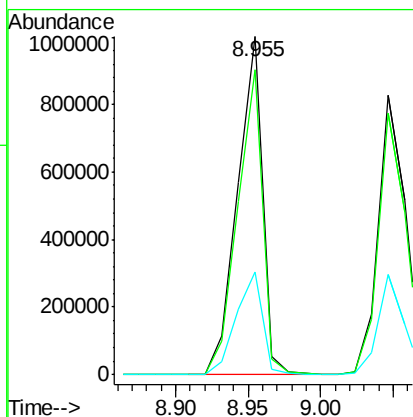
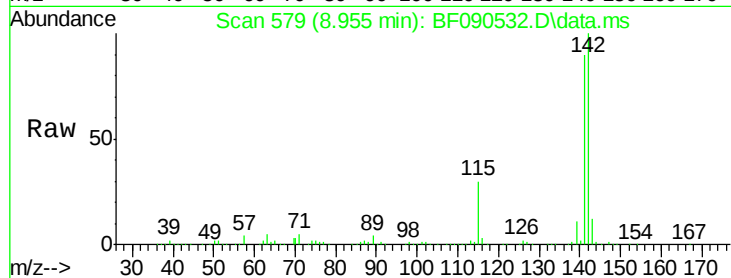




#37
 2-Methylnaphthalene
 Concen: 33.96 ng
 RT: 8.955 min Scan# 57
 Delta R.T. 0.001 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

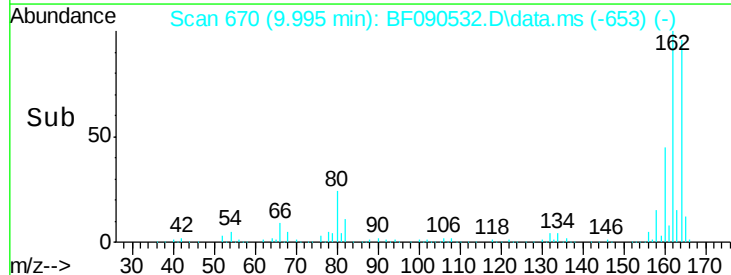
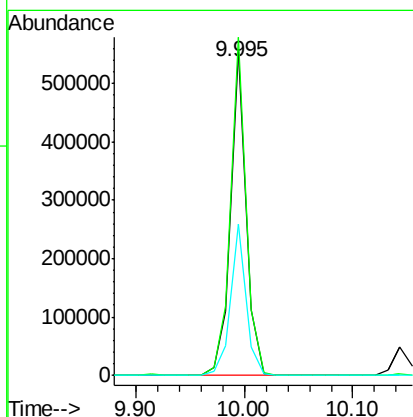
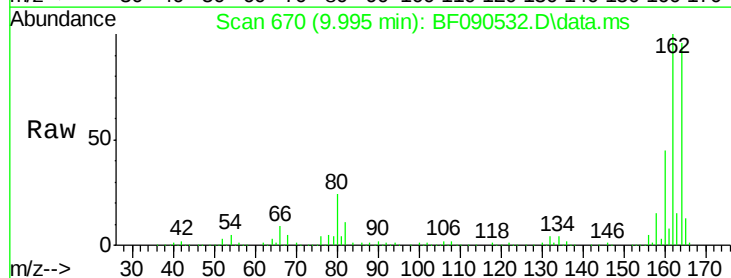
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

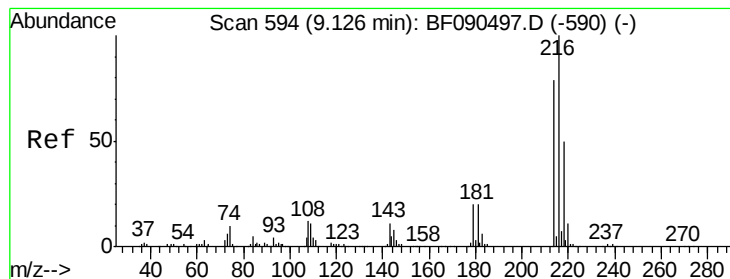
Tot Ion:142 Resp: 1198466
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.8 107.8
 115 30.2 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.995 min Scan# 670
 Delta R.T. -0.011 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:164 Resp: 545040
 Ion Ratio Lower Upper
 164 100
 162 104.5 80.1 120.1
 160 46.8 36.3 54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.32 ng

RT: 9.115 min Scan# 591

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:216 Resp: 508366

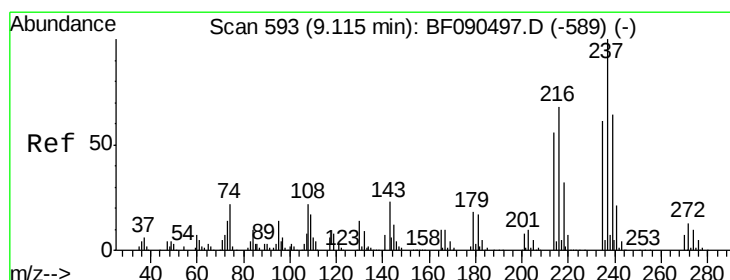
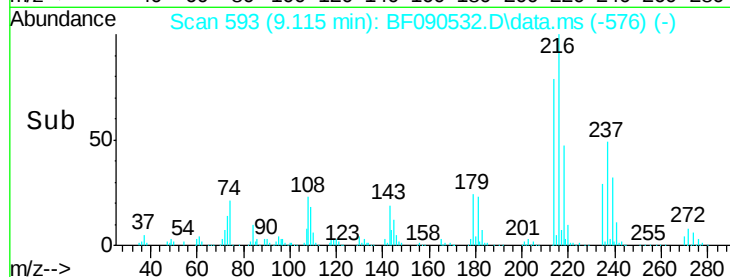
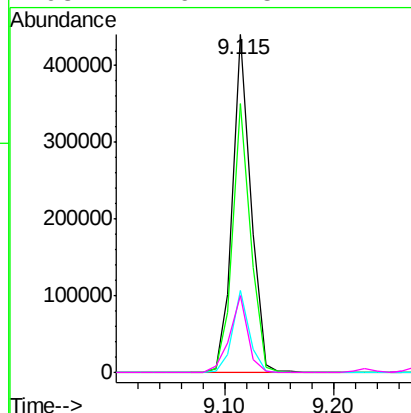
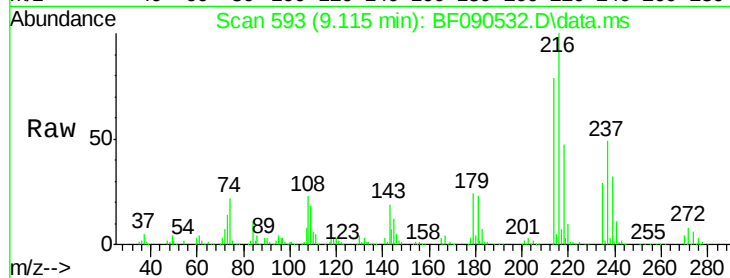
Ion Ratio Lower Upper

216 100

214 78.6 64.2 96.2

179 22.4 18.0 27.0

108 22.6 15.2 22.8



#40

Hexachlorocyclopentadiene

Concen: 83.51 ng

RT: 9.103 min Scan# 592

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

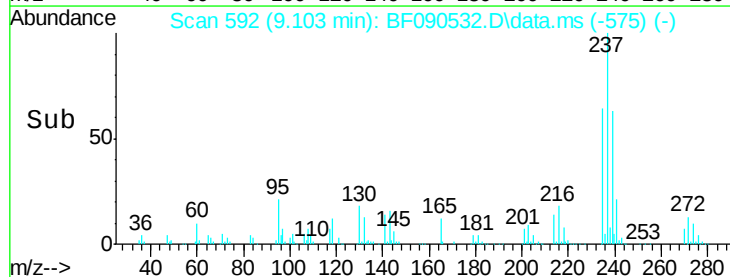
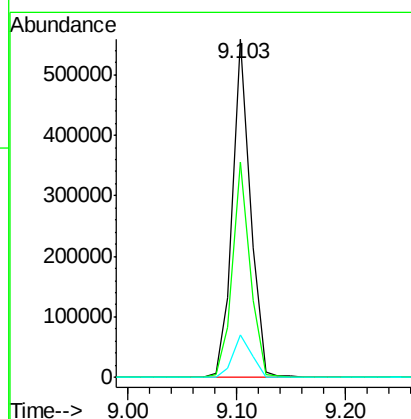
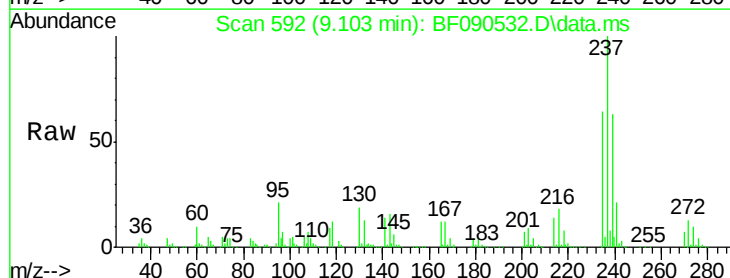
Tgt Ion:237 Resp: 632487

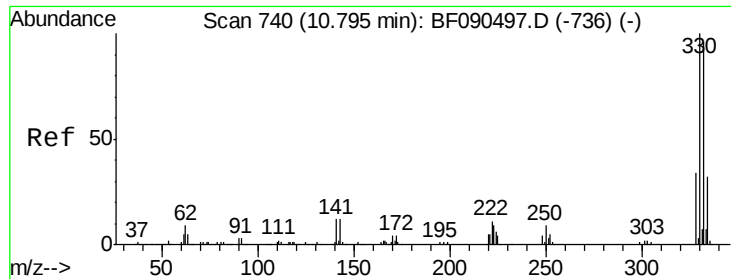
Ion Ratio Lower Upper

237 100

235 63.5 43.6 83.6

272 12.5 0.0 32.7

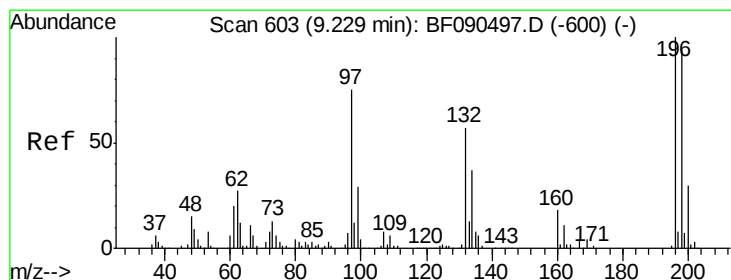
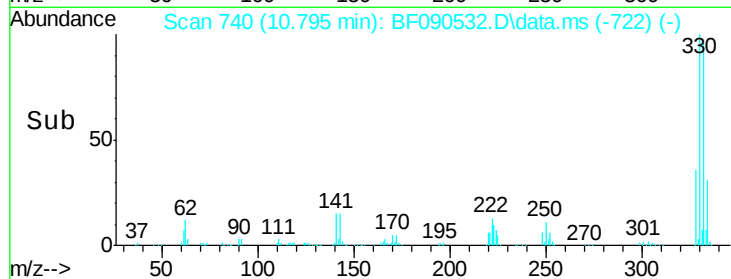
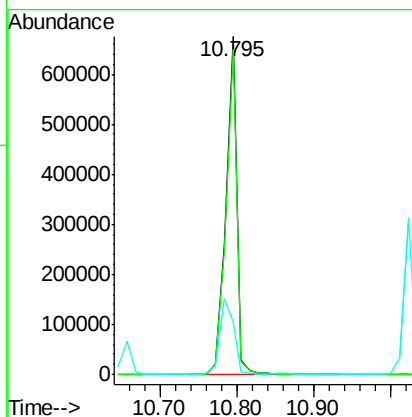
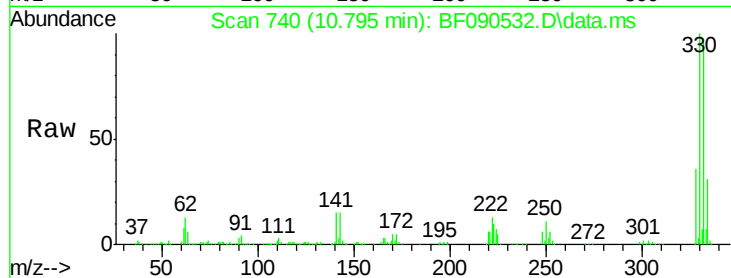




#41
 2,4,6-Tribromophenol
 Concen: 127.31 ng
 RT: 10.795 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

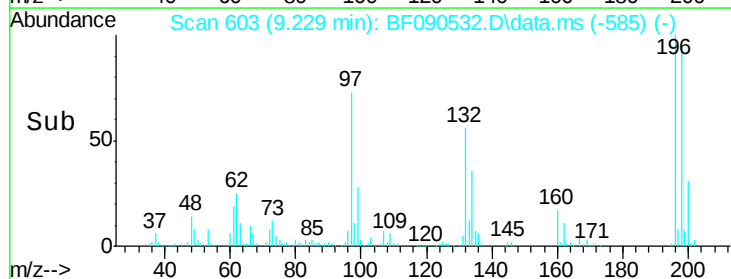
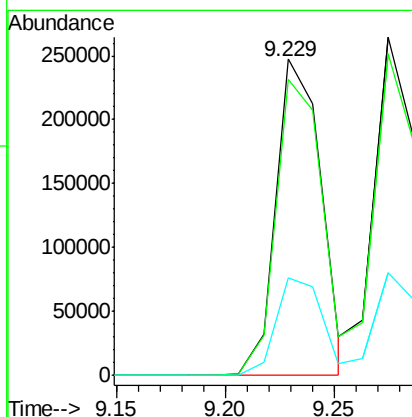
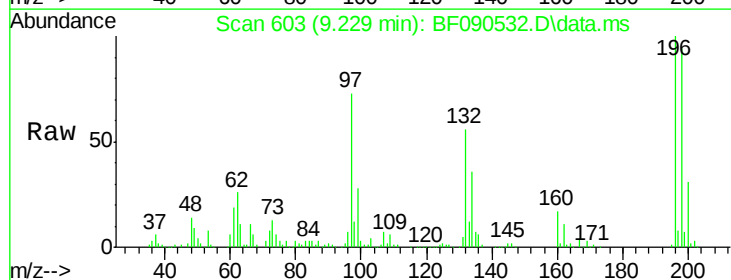
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

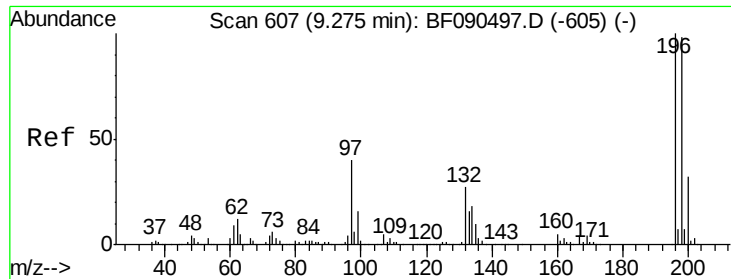
Tot Ion:330 Resp: 687854
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 28.5 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 34.94 ng
 RT: 9.229 min Scan# 603
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:196 Resp: 359461
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.9 118.3
 200 30.7 25.4 38.2

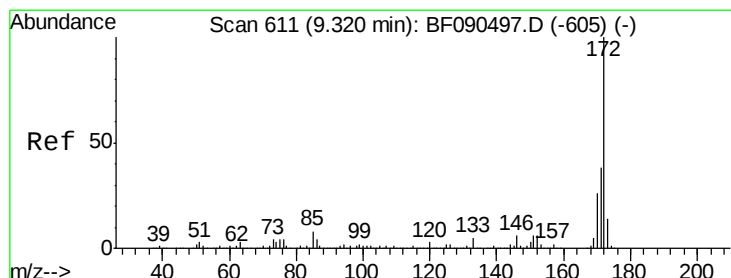
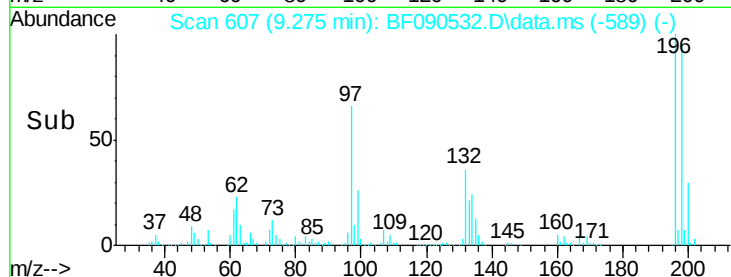
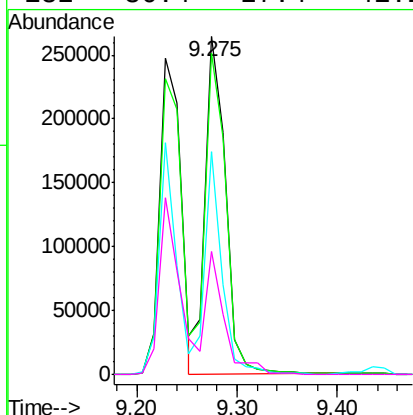
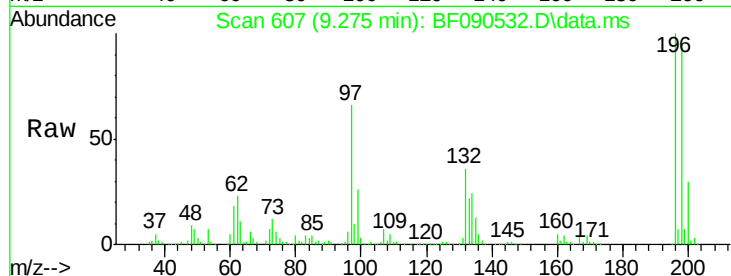




#43
 2,4,5-Trichlorophenol
 Concen: 36.53 ng
 RT: 9.275 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

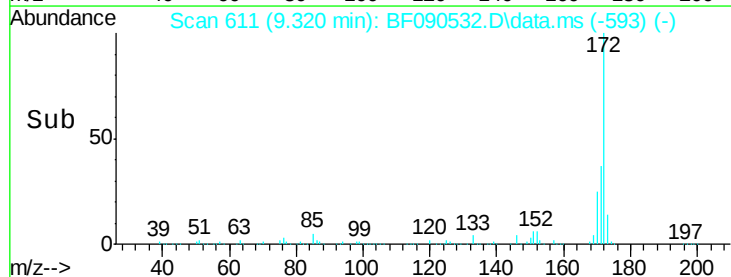
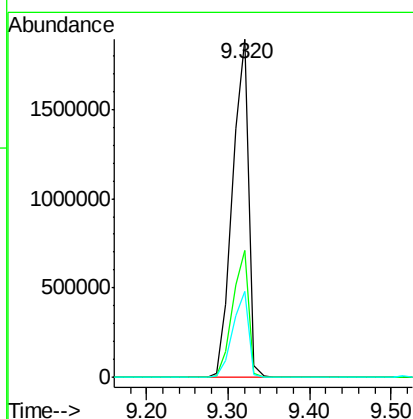
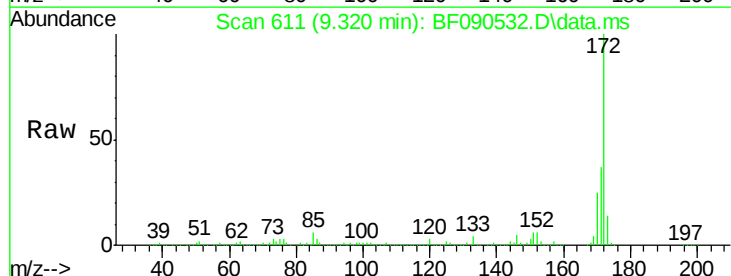
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

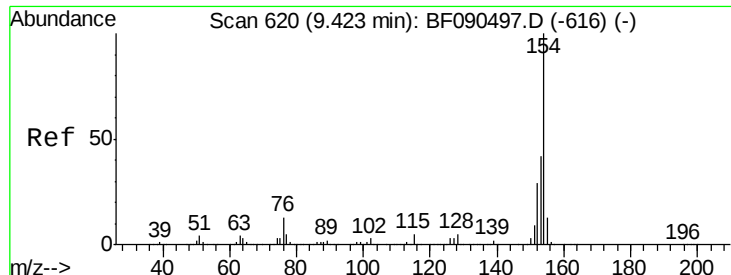
Tot Ion:196 Resp: 371947
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.1 117.1
 97 65.9 48.1 72.1
 132 36.4 27.4 41.2



#44
 2-Fluorobiphenyl
 Concen: 80.45 ng
 RT: 9.320 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:172 Resp: 2609342
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.8 47.8
 170 25.3 21.7 32.5





#45

1,1'-Biphenyl

Concen: 32.85 ng

RT: 9.412 min Scan# 61

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

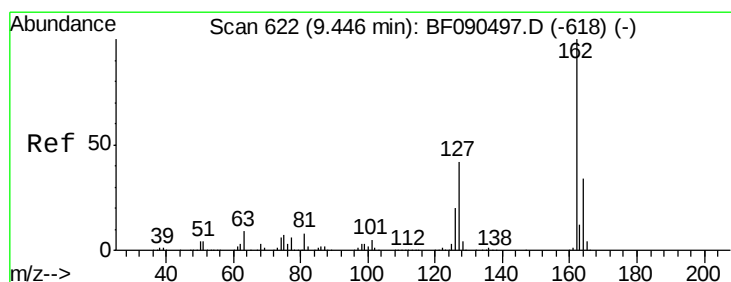
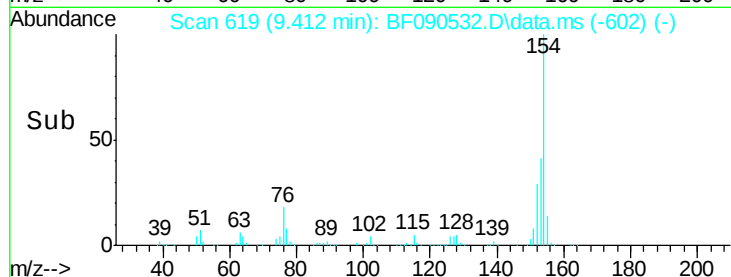
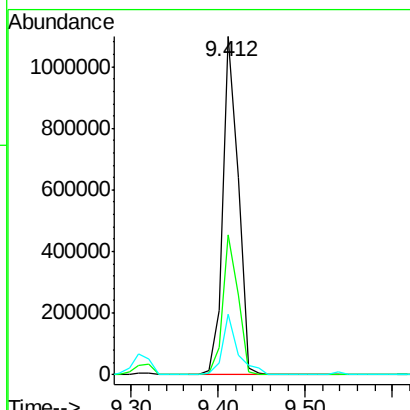
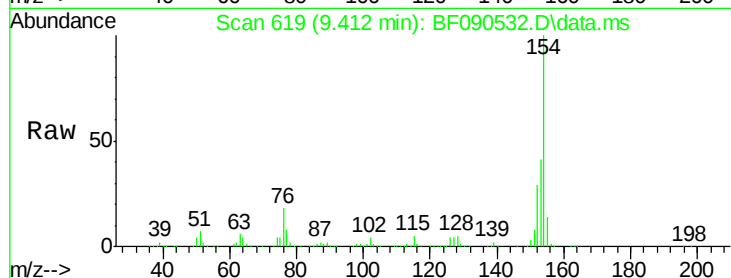
Tot Ion:154 Resp: 1367644

Ion Ratio Lower Upper

154 100

153 41.3 23.8 63.8

76 17.7 0.0 35.8



#46

2-Chloronaphthalene

Concen: 36.83 ng

RT: 9.446 min Scan# 622

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

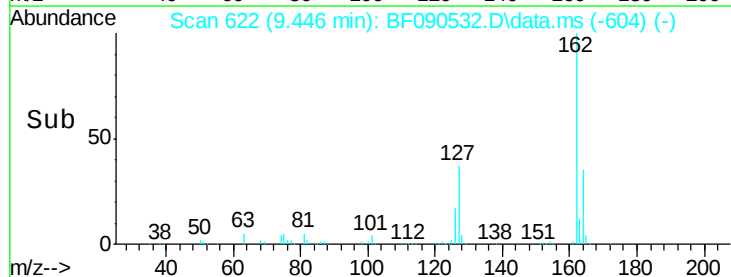
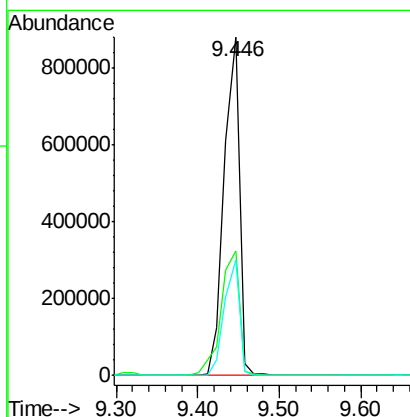
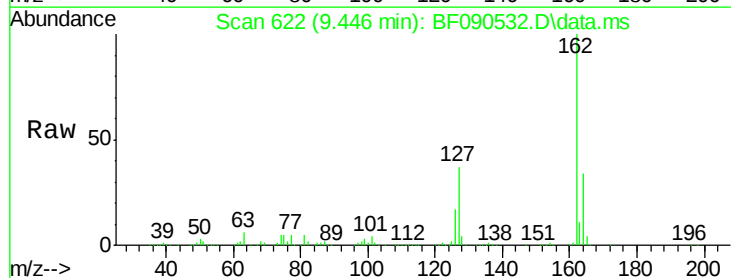
Tgt Ion:162 Resp: 1140845

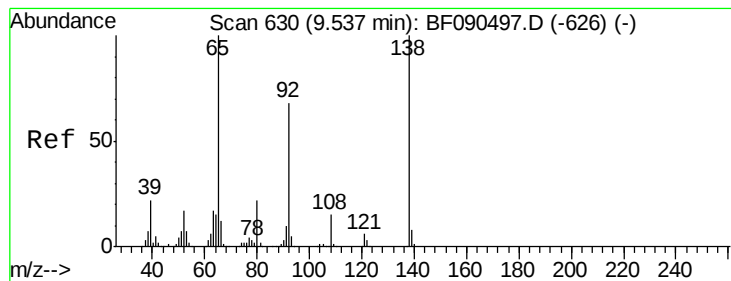
Ion Ratio Lower Upper

162 100

127 36.7 35.6 53.4

164 34.2 27.5 41.3





#47

2-Nitroaniline

Concen: 32.90 ng

RT: 9.538 min Scan# 630

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

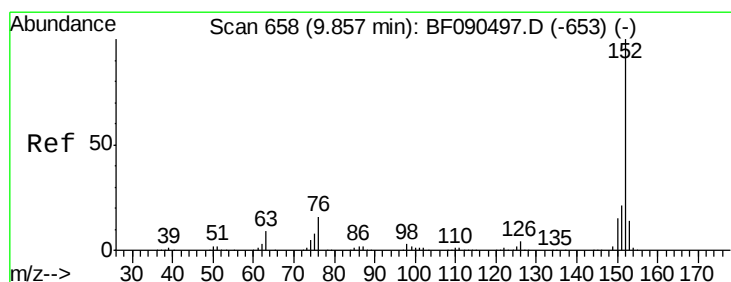
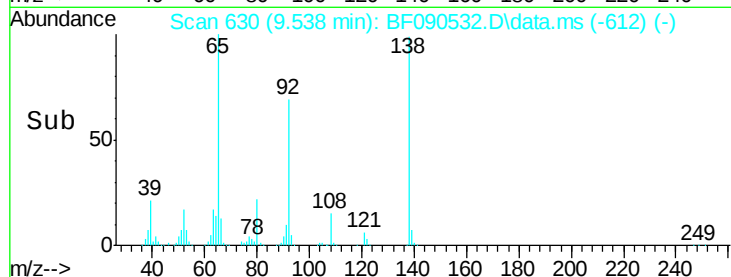
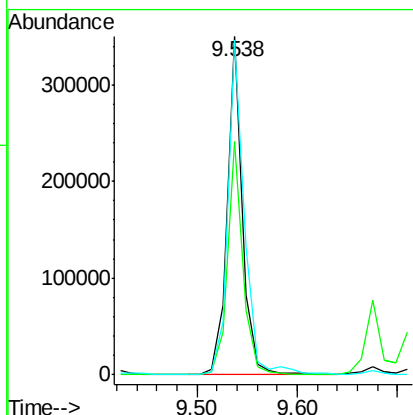
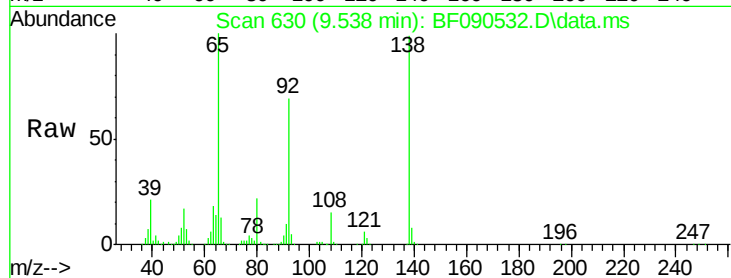
Tot Ion: 65 Resp: 363459

Ion Ratio Lower Upper

65 100

92 68.8 51.7 77.5

138 98.7 79.0 118.4



#48

Acenaphthylene

Concen: 34.40 ng

RT: 9.858 min Scan# 658

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

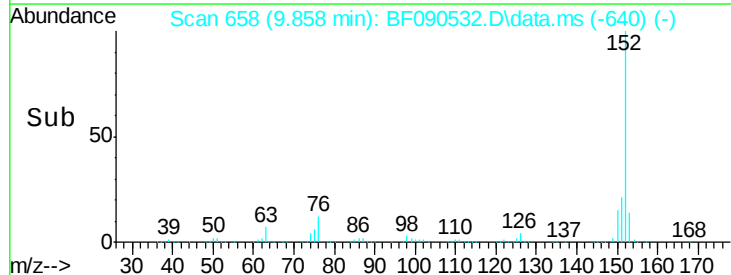
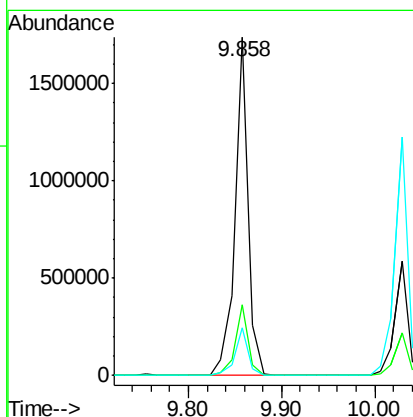
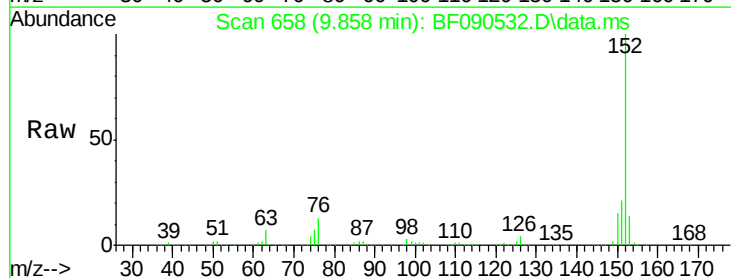
Tgt Ion: 152 Resp: 1718818

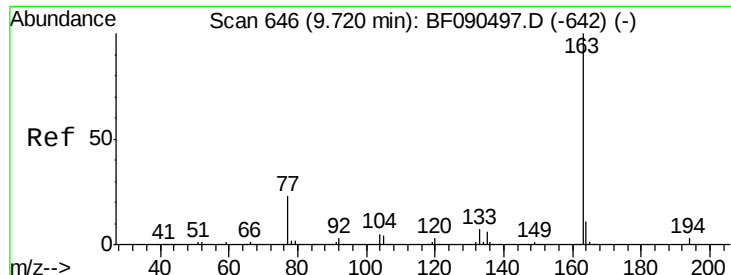
Ion Ratio Lower Upper

152 100

151 20.9 17.4 26.0

153 14.0 11.6 17.4

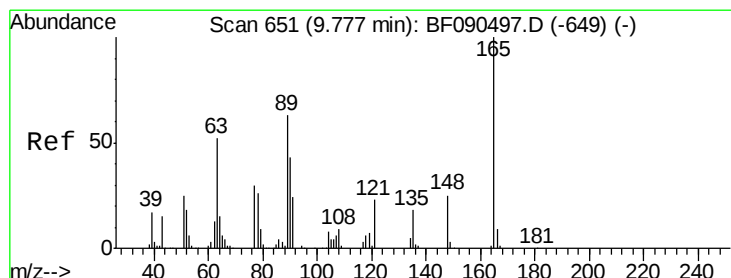
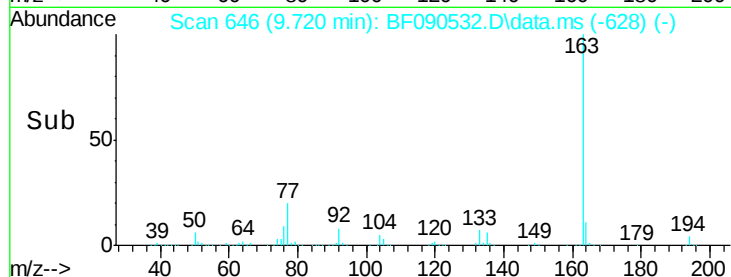
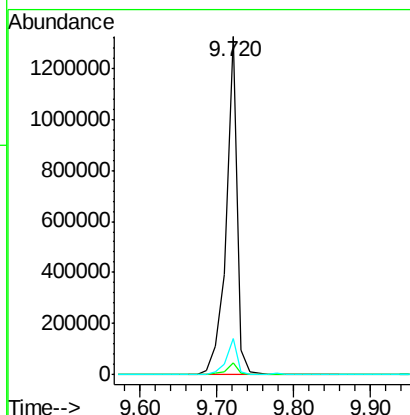
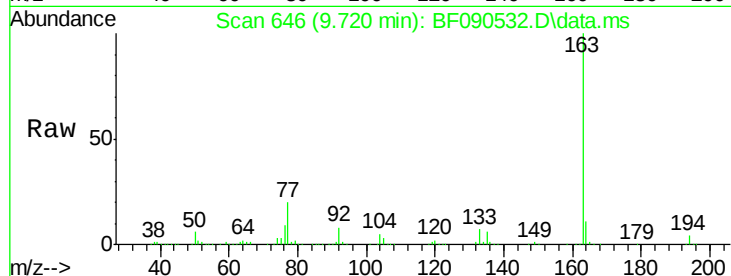




#49
Dimethylphthalate
Concen: 36.68 ng
RT: 9.720 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

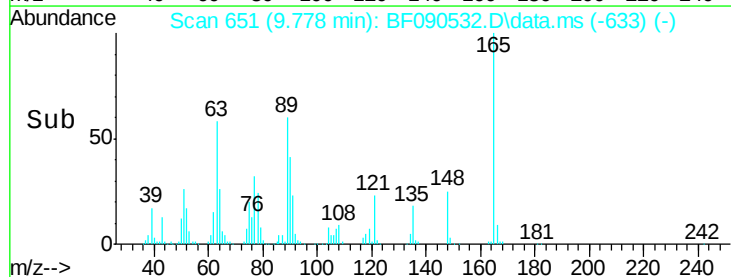
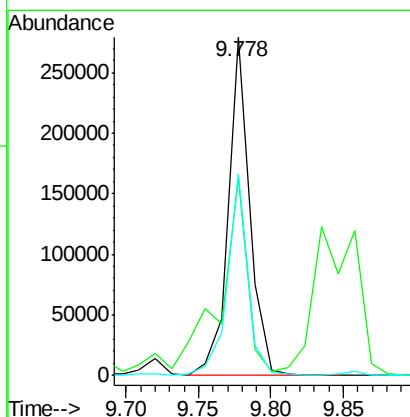
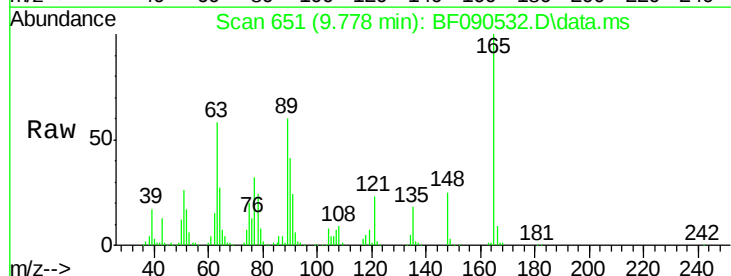
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

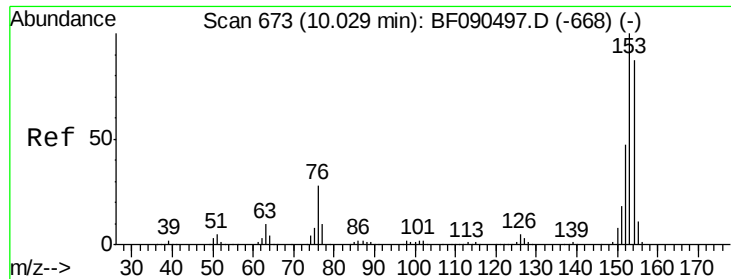
Tot Ion:163 Resp: 1344524
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.5 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 35.35 ng
RT: 9.778 min Scan# 651
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:165 Resp: 286146
Ion Ratio Lower Upper
165 100
63 58.4 58.0 87.0
89 59.6 51.2 76.8





#51

Acenaphthene

Concen: 35.23 ng

RT: 10.029 min Scan# 673

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

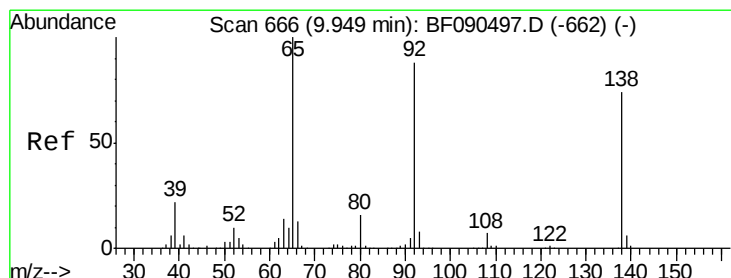
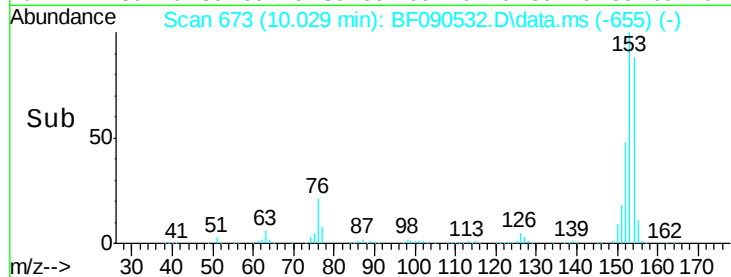
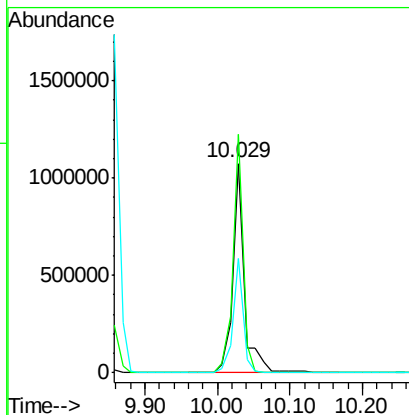
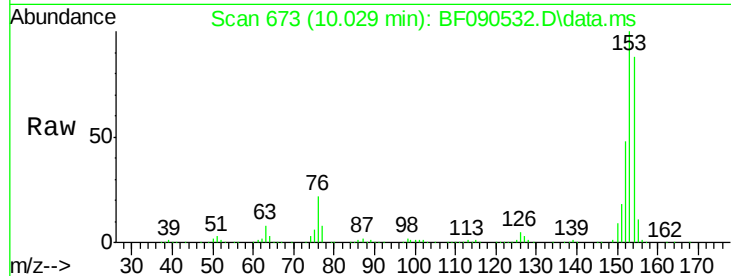
Tot Ion:154 Resp: 1179722

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

152 54.5 42.6 64.0



#52

3-Nitroaniline

Concen: 16.43 ng

RT: 9.949 min Scan# 666

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

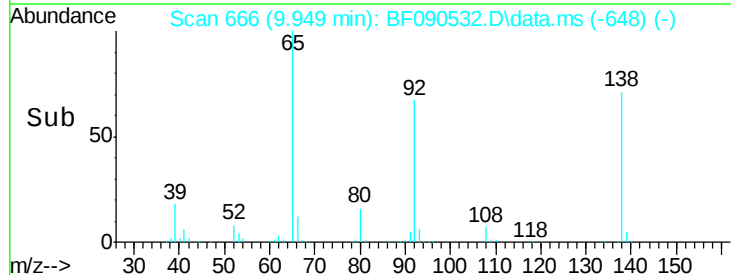
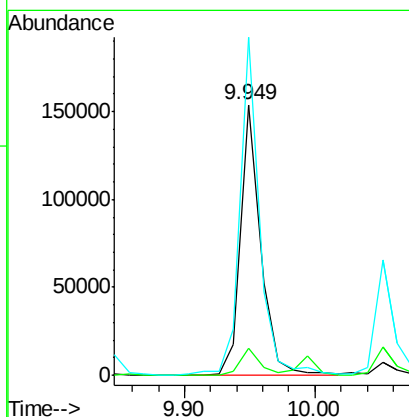
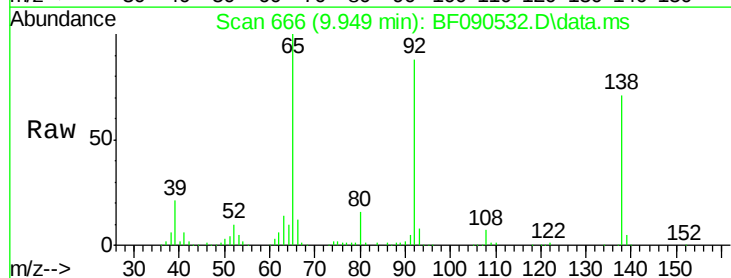
Tgt Ion:138 Resp: 165029

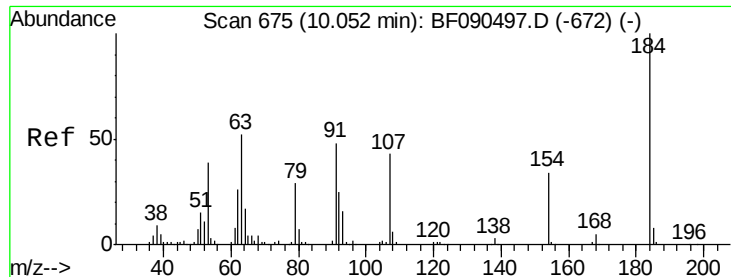
Ion Ratio Lower Upper

138 100

108 10.1 9.7 14.5

92 125.0 97.1 145.7

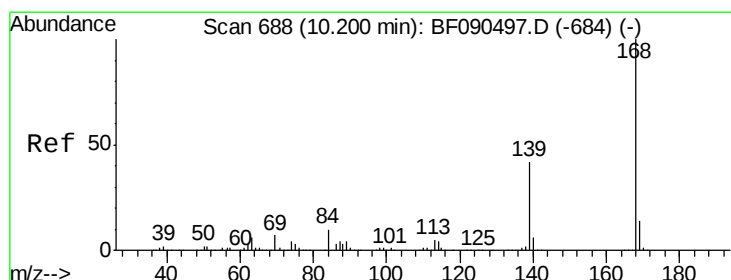
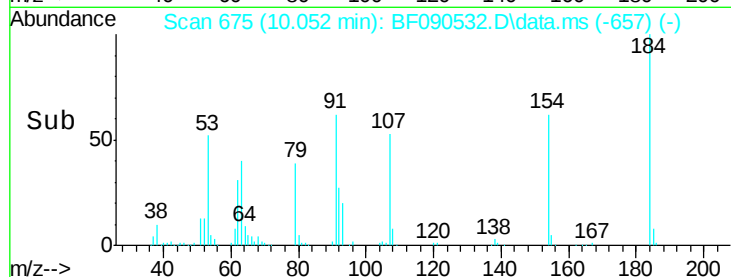
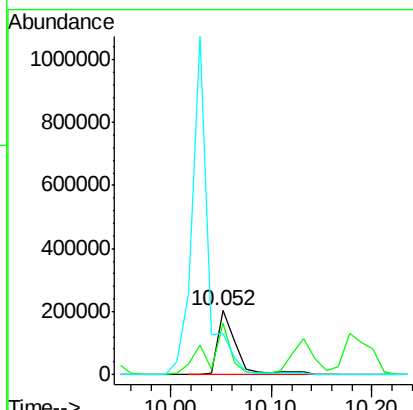
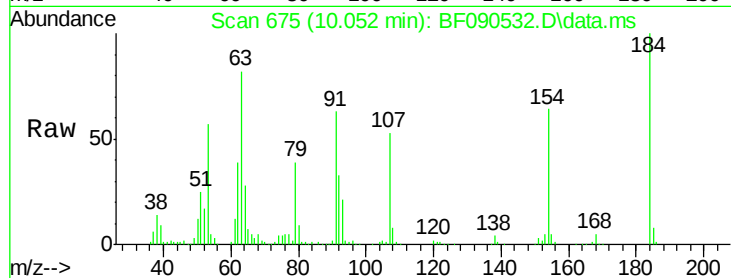




#53
 2,4-Dinitrophenol
 Concen: 56.79 ng
 RT: 10.052 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

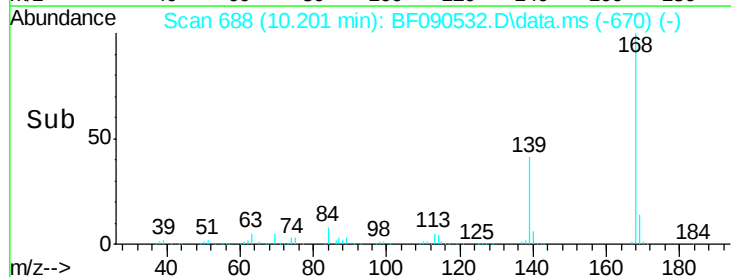
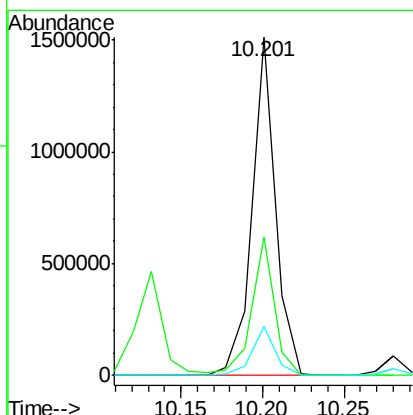
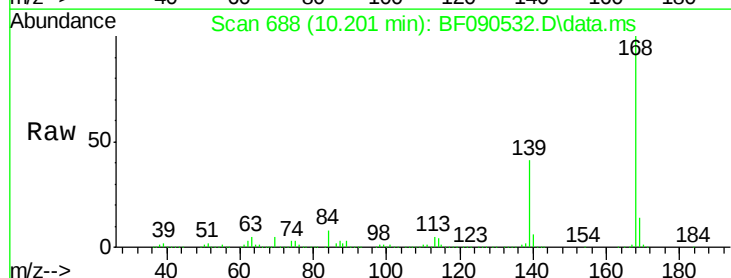
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

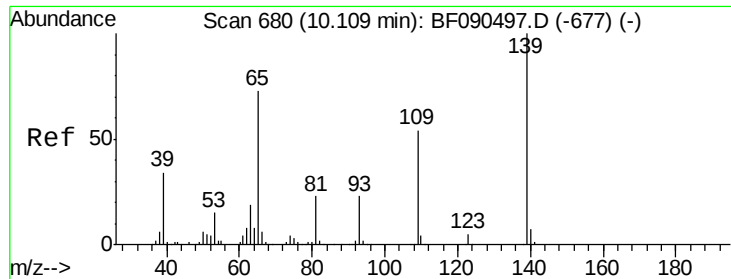
Tot Ion:184 Resp: 255038
 Ion Ratio Lower Upper
 184 100
 63 81.8 41.9 62.9#
 154 64.0 48.9 73.3



#54
 Dibenzofuran
 Concen: 33.84 ng
 RT: 10.201 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:168 Resp: 1508020
 Ion Ratio Lower Upper
 168 100
 139 40.9 29.6 44.4
 169 14.3 11.3 16.9





#55

4-Nitrophenol

Concen: 68.21 ng

RT: 10.132 min Scan# 68

Delta R.T. 0.023 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

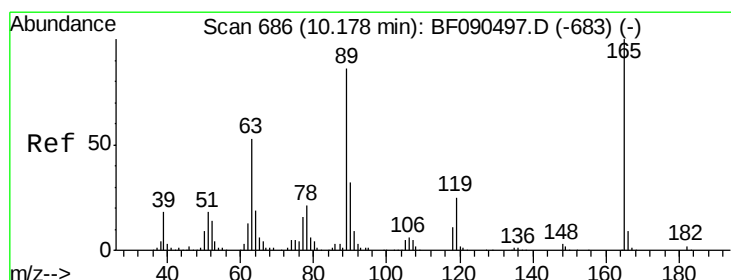
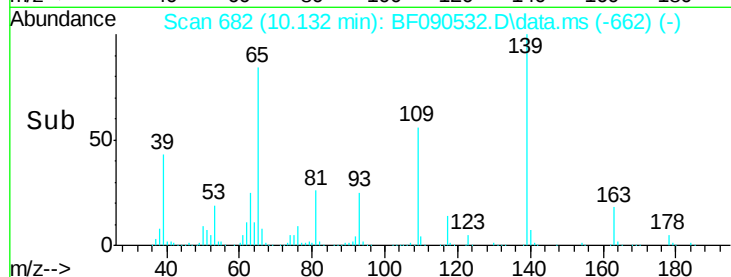
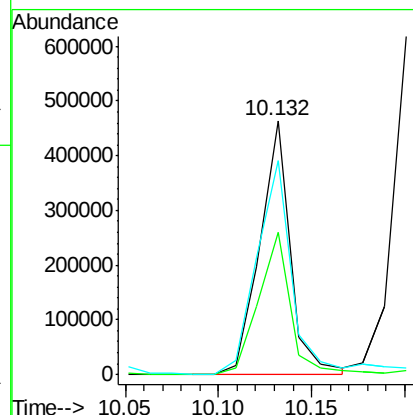
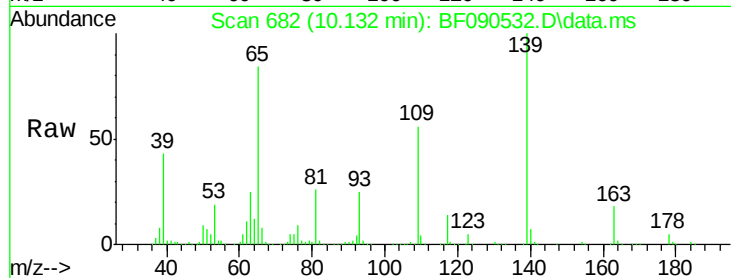
Tot Ion:139 Resp: 532320

Ion Ratio Lower Upper

139 100

109 55.9 43.6 83.6

65 84.5 87.5 127.5#



#56

2,4-Dinitrotoluene

Concen: 39.84 ng

RT: 10.189 min Scan# 687

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion:165 Resp: 426519

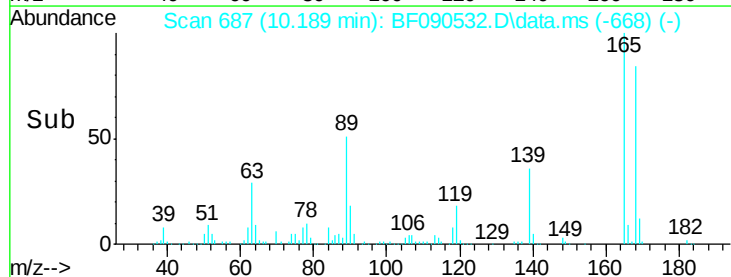
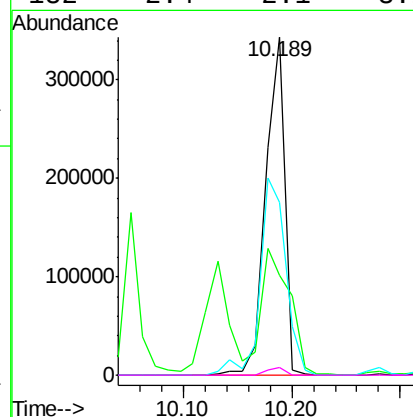
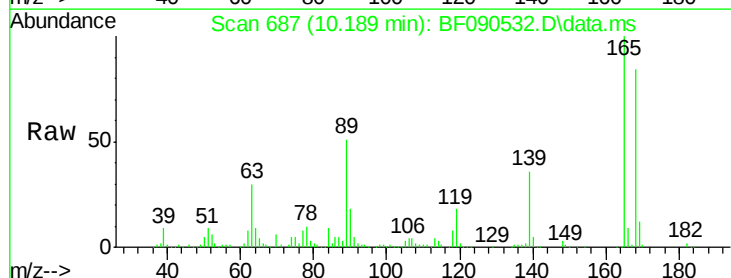
Ion Ratio Lower Upper

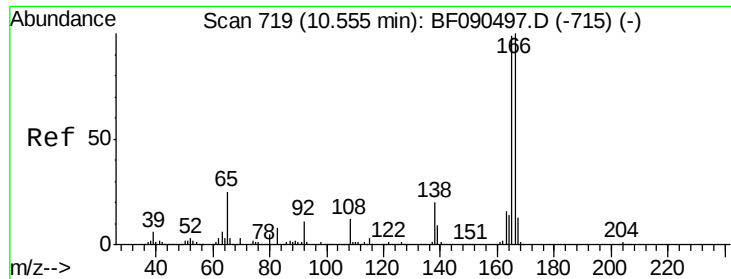
165 100

63 29.7 17.8 26.6#

89 51.1 33.2 49.8#

182 2.4 2.1 3.1

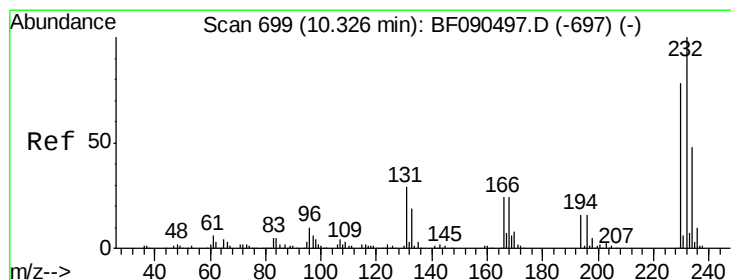
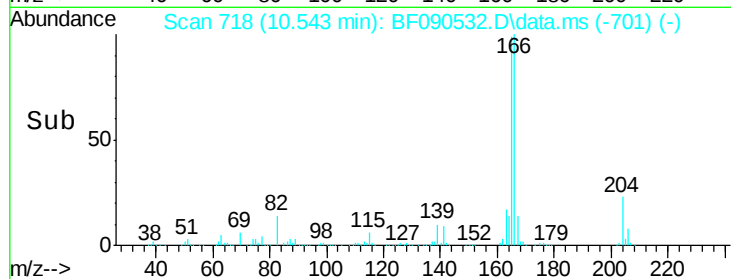
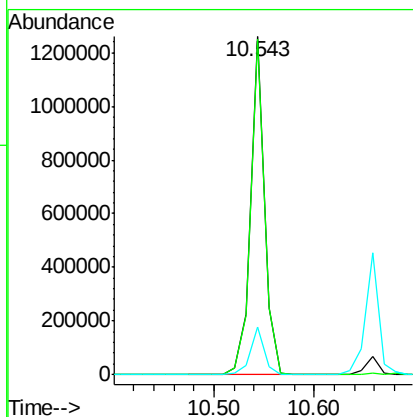
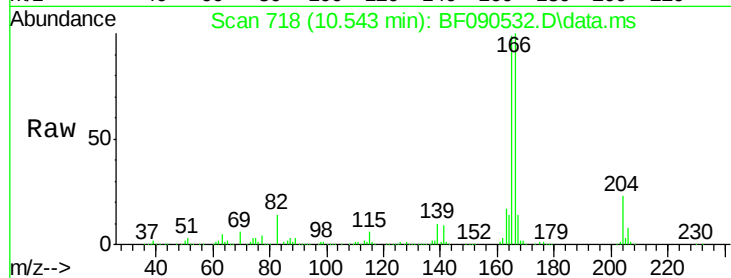




#57
 Fluorene
 Concen: 33.27 ng
 RT: 10.543 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

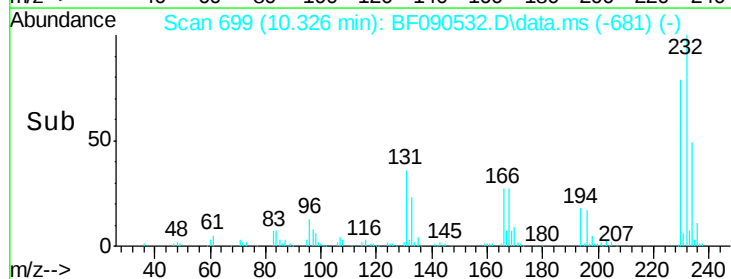
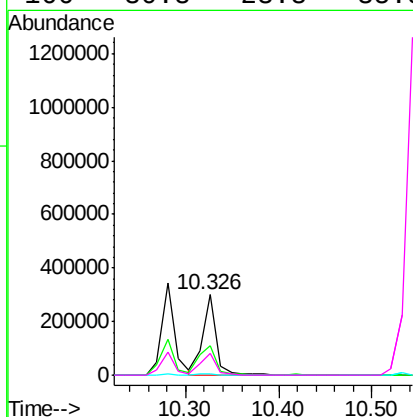
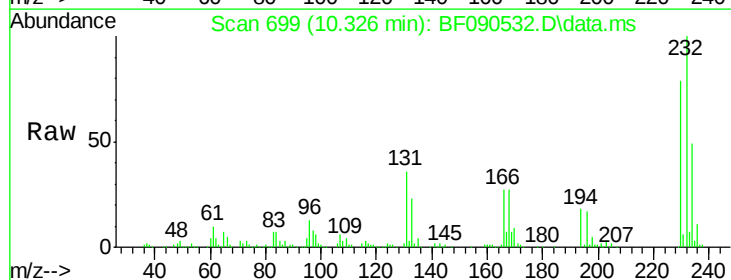
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

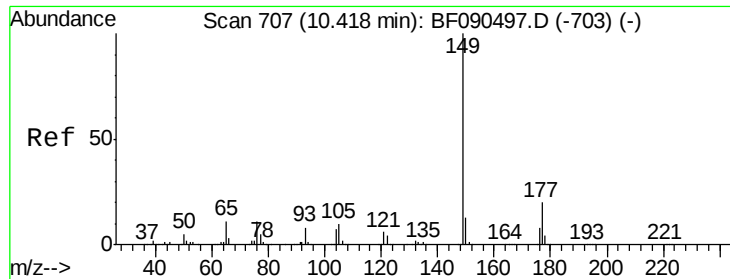
Tot Ion:166 Resp: 1210415
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.2 118.8
 167 14.2 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.83 ng
 RT: 10.326 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:232 Resp: 312778
 Ion Ratio Lower Upper
 232 100
 131 46.3 34.5 51.7
 130 2.1 1.6 2.4
 166 30.8 23.8 35.8

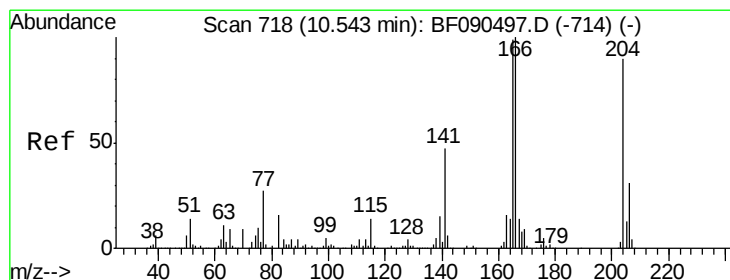
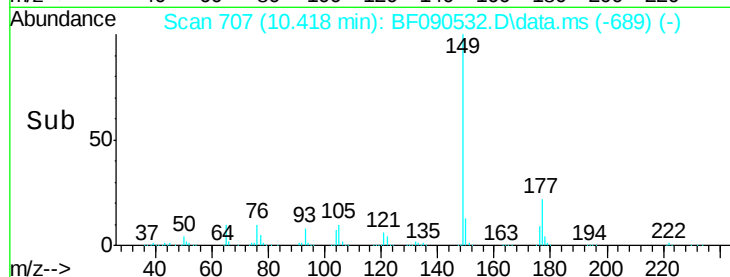
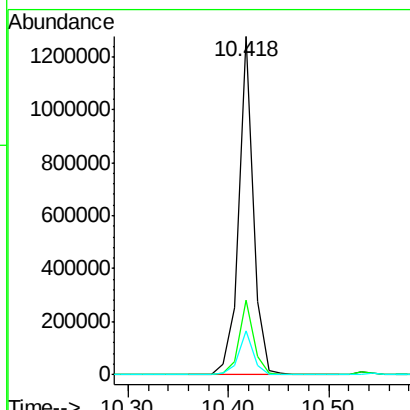
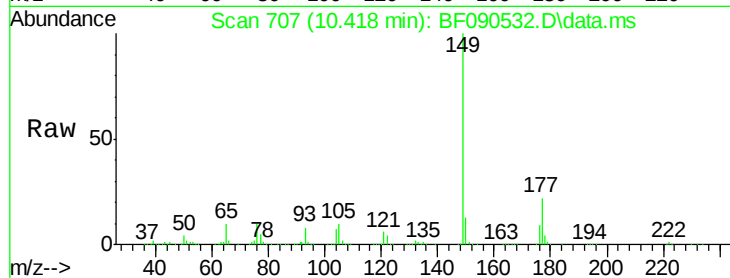




#59
Diethylphthalate
Concen: 34.44 ng
RT: 10.418 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

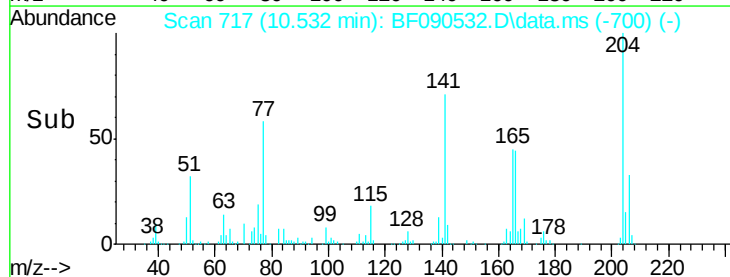
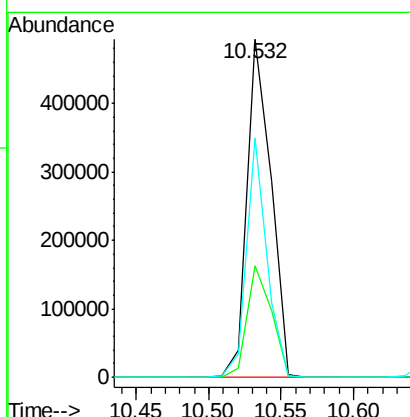
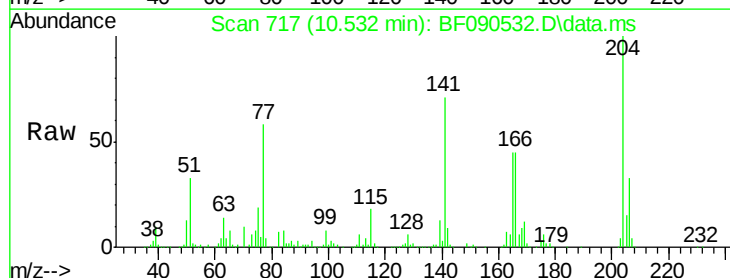
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

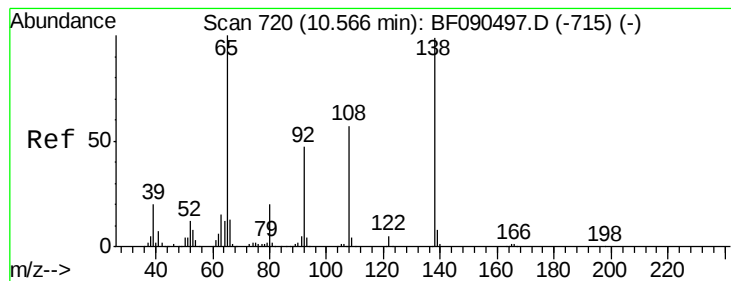
Tot Ion:149 Resp: 1283885
Ion Ratio Lower Upper
149 100
177 21.9 21.1 31.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 33.78 ng
RT: 10.532 min Scan# 717
Delta R.T. -0.011 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:204 Resp: 567042
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 71.0 51.7 77.5





#61

4-Nitroaniline

Concen: 29.99 ng

RT: 10.578 min Scan# 720

Delta R.T. 0.012 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

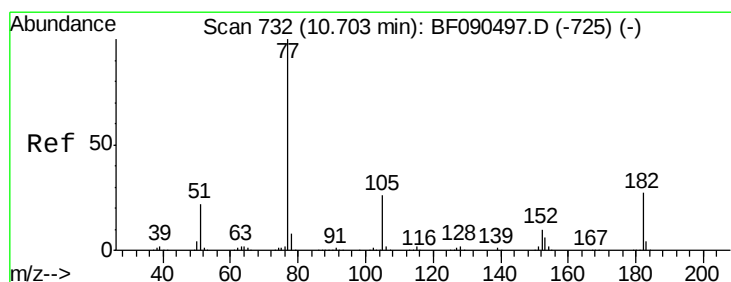
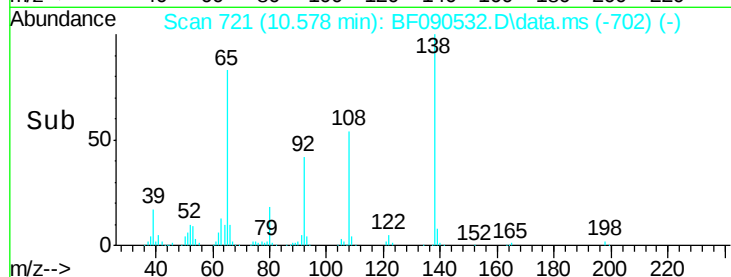
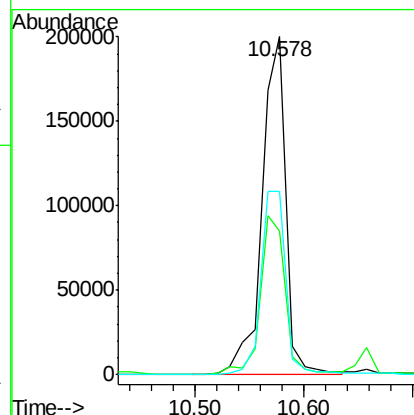
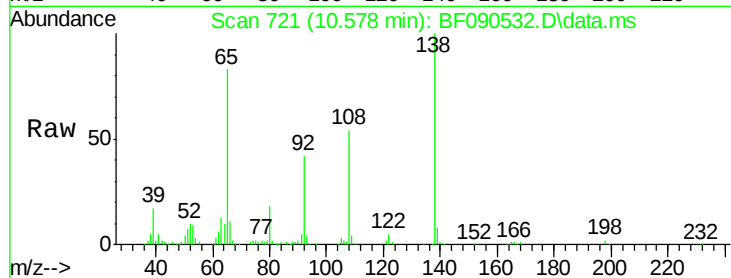
Tot Ion:138 Resp: 307311

Ion Ratio Lower Upper

138 100

92 42.3 33.2 73.2

108 54.1 48.5 88.5



#62

Azobenzene

Concen: 34.81 ng

RT: 10.692 min Scan# 731

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Tgt Ion: 77 Resp: 1417444

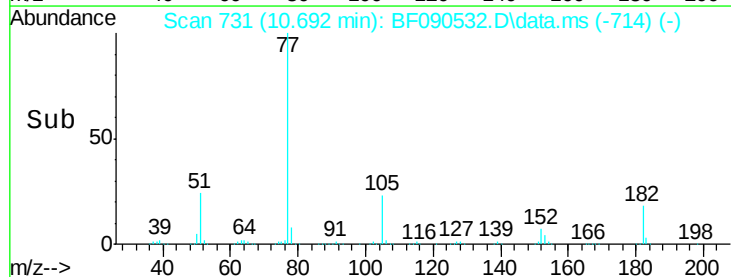
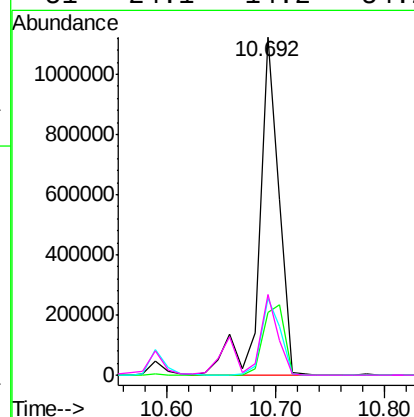
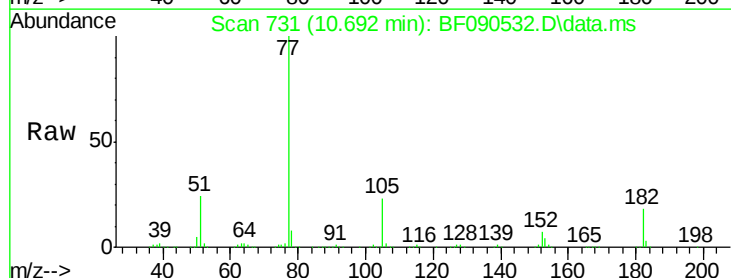
Ion Ratio Lower Upper

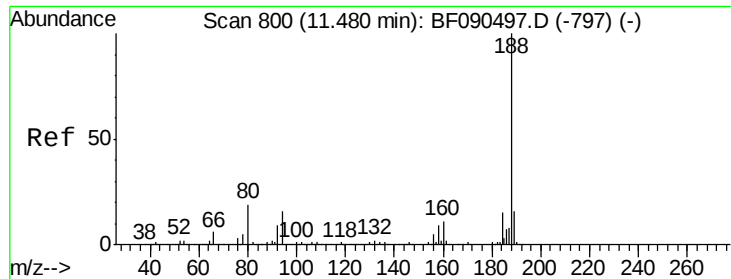
77 100

182 18.5 3.2 43.2

105 22.9 2.9 42.9

51 24.1 14.2 54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.481 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

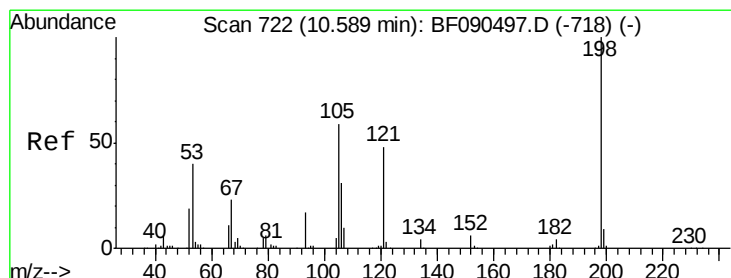
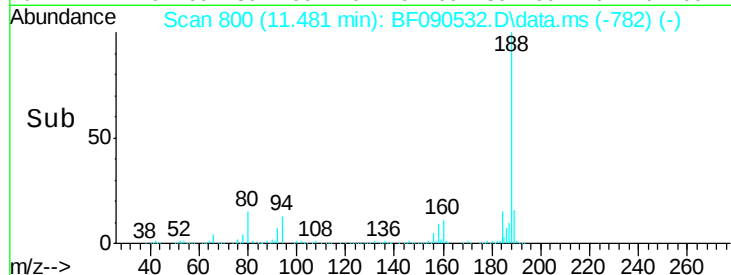
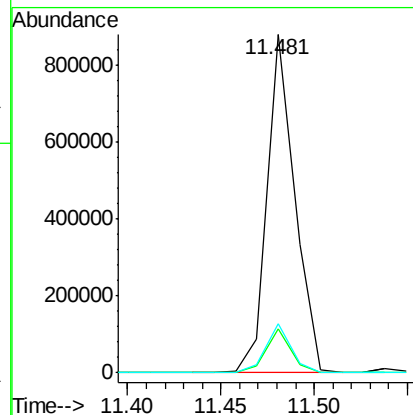
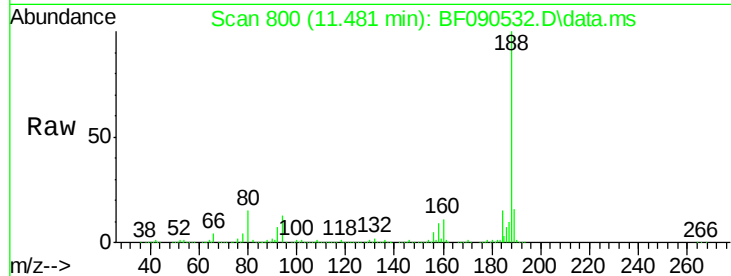
Tot Ion:188 Resp: 899238

Ion Ratio Lower Upper

188 100

94 13.0 8.2 12.2#

80 14.6 8.8 13.2#



#64

4,6-Dinitro-2-methylphenol

Concen: 29.37 ng

RT: 10.589 min Scan# 722

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

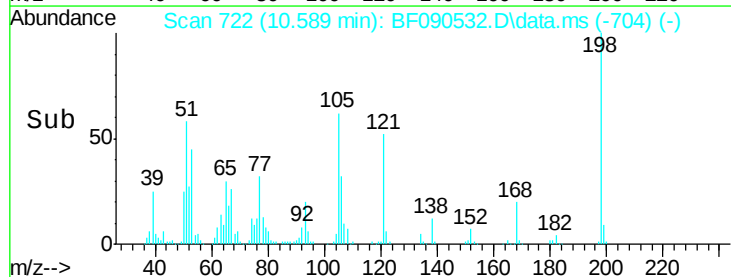
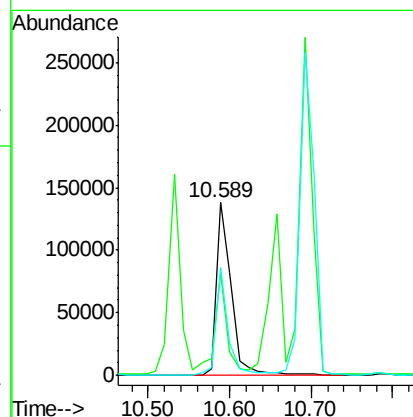
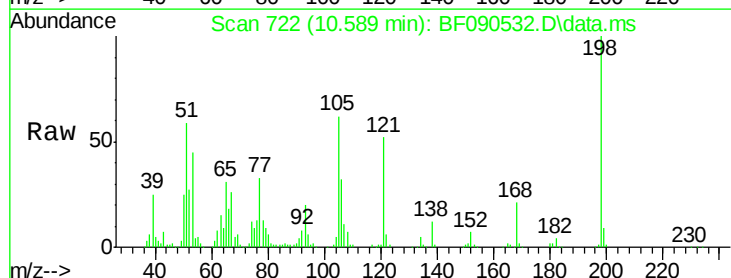
Tgt Ion:198 Resp: 176428

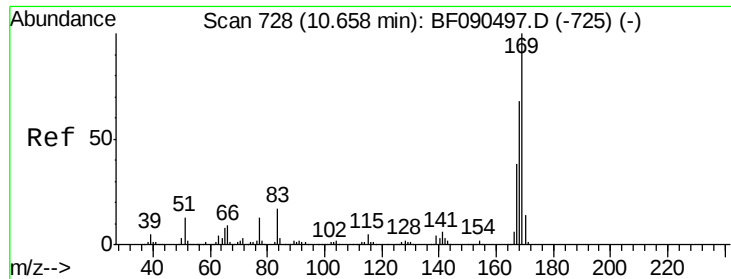
Ion Ratio Lower Upper

198 100

51 59.1 67.3 107.3#

105 62.1 42.6 82.6

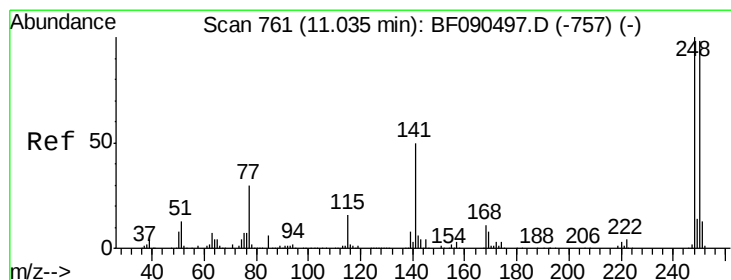
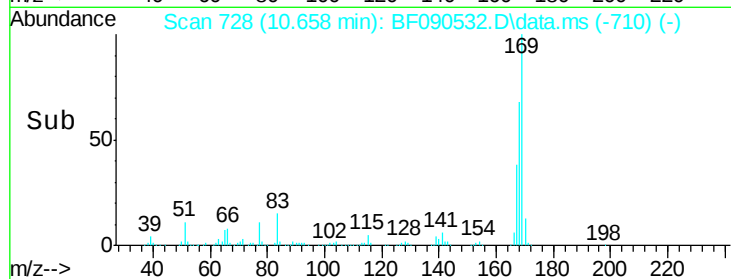
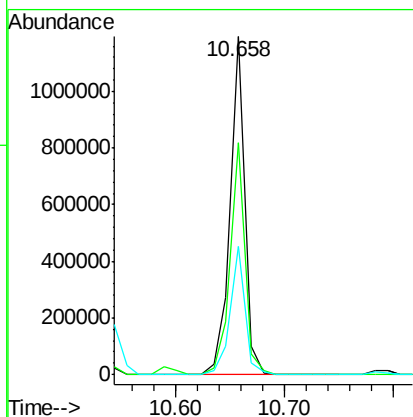
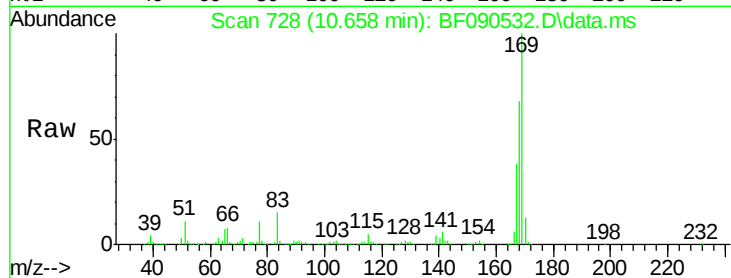




#65
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 10.658 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

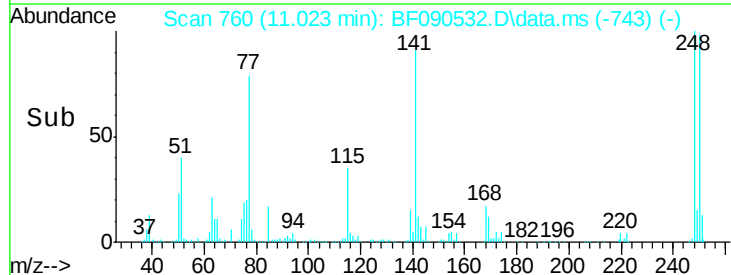
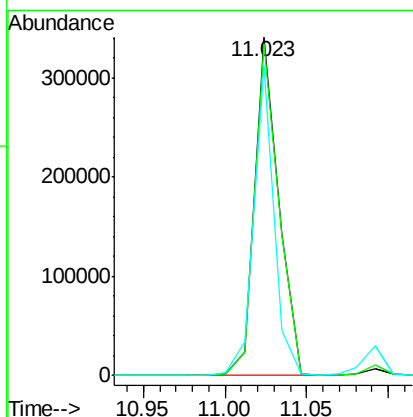
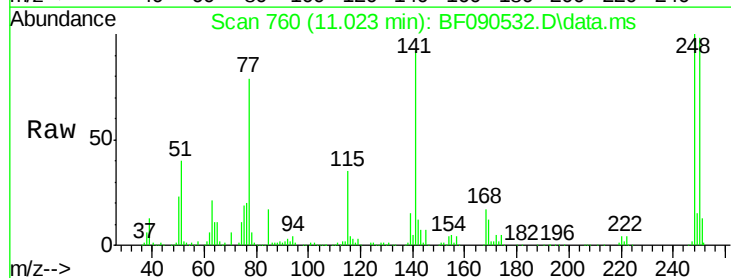
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

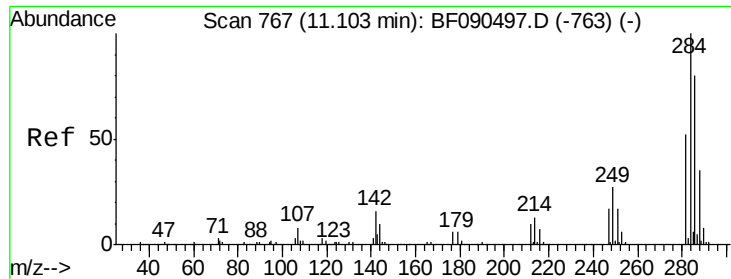
Tot Ion:169 Resp: 1104559
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.8 80.6
 167 38.0 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 35.13 ng
 RT: 11.023 min Scan# 760
 Delta R.T. -0.011 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:248 Resp: 350054
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.5 114.7
 141 91.8 59.8 89.6#

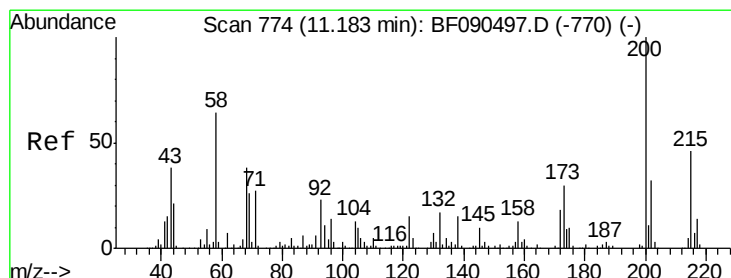
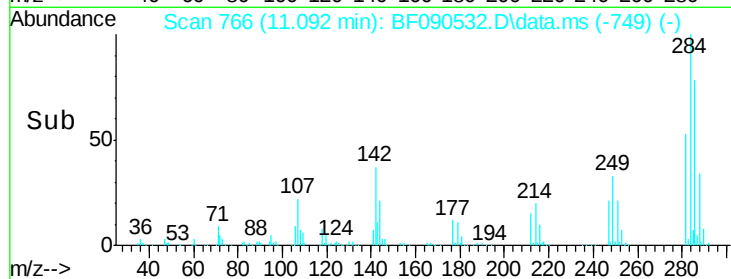
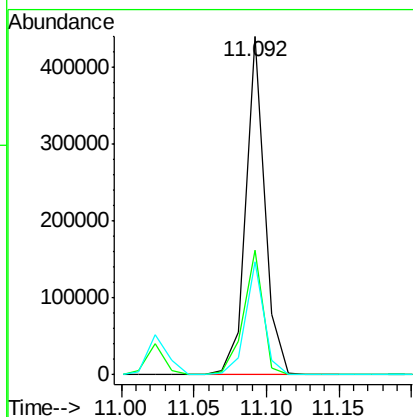
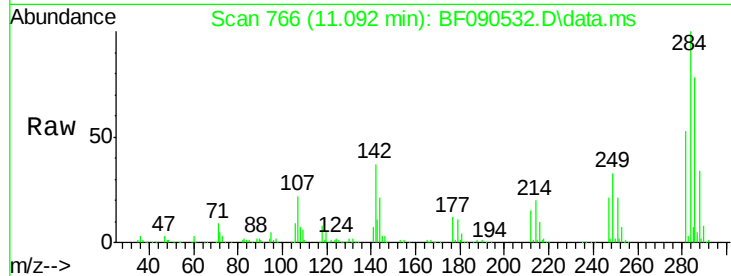




#67
Hexachlorobenzene
Concen: 36.16 ng
RT: 11.092 min Scan# 767
Delta R.T. -0.011 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

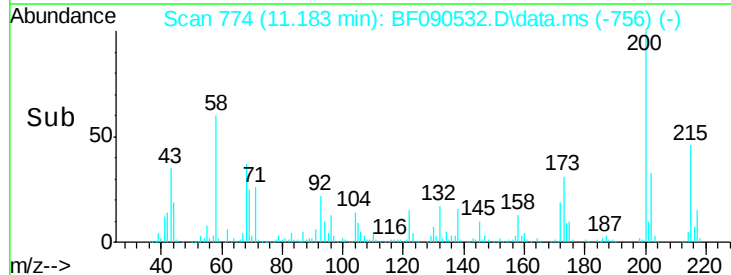
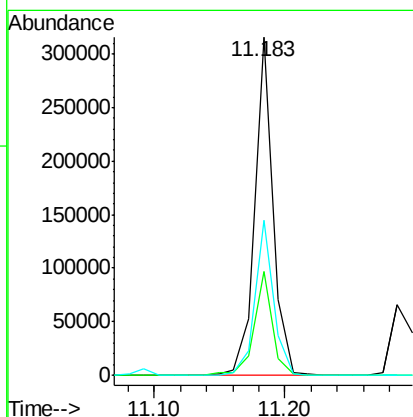
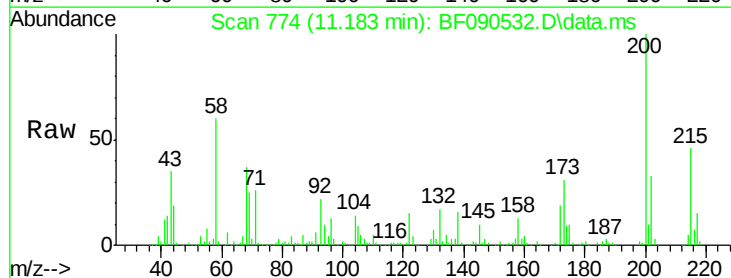
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

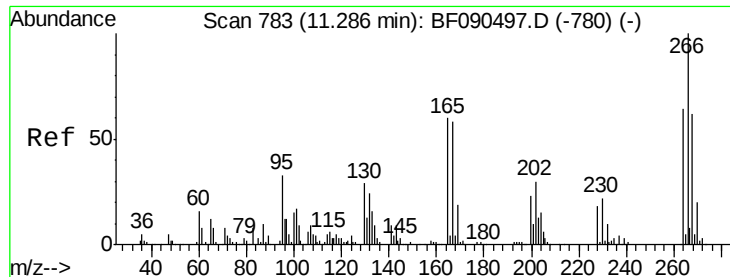
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.6	23.1	34.7#
249	33.2	26.3	39.5



#68
Atrazine
Concen: 34.03 ng
RT: 11.183 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.8	9.0	49.0
215	46.0	24.8	64.8

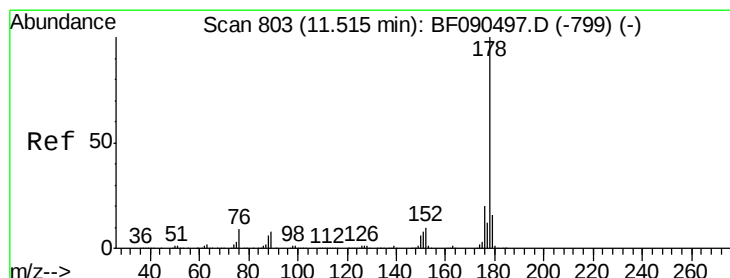
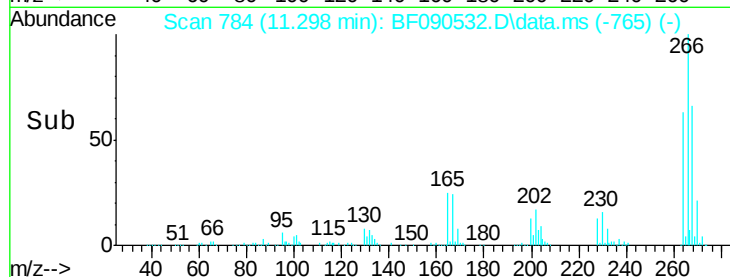
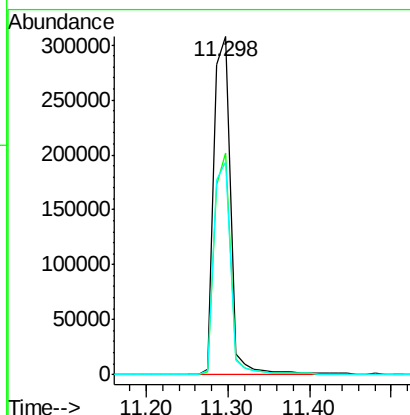
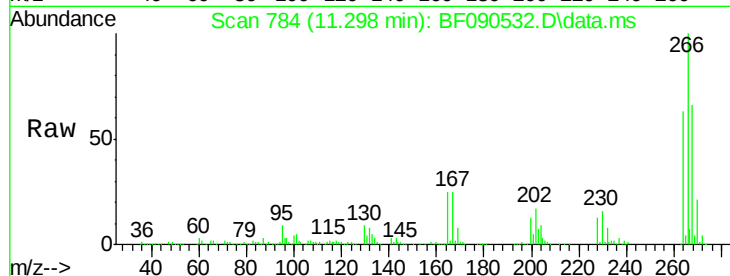




#69
 Pentachlorophenol
 Concen: 67.48 ng
 RT: 11.298 min Scan# 78
 Delta R.T. 0.012 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

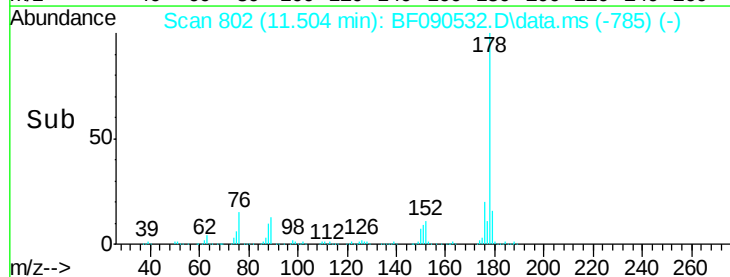
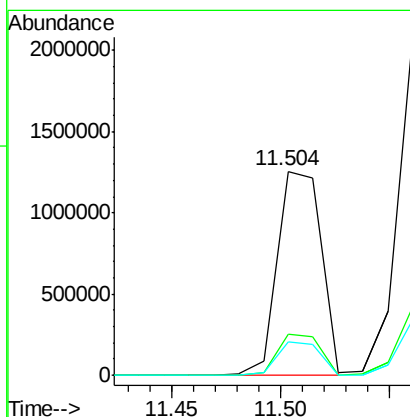
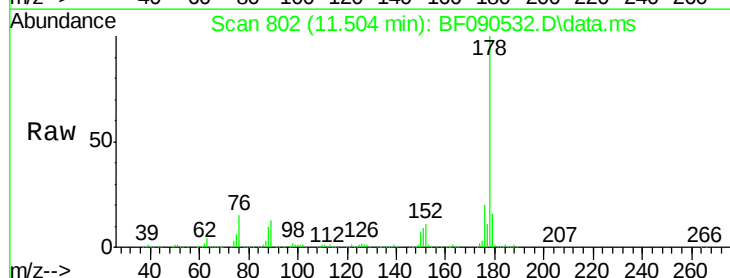
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

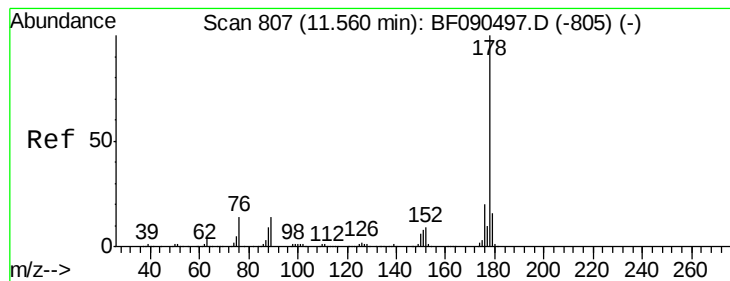
Tot Ion:266 Resp: 441957
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.9 76.3
 264 63.0 51.5 77.3



#70
 Phenanthrene
 Concen: 35.74 ng
 RT: 11.504 min Scan# 802
 Delta R.T. -0.011 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:178 Resp: 1770984
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 16.3 13.8 20.6





#71

Anthracene

Concen: 36.46 ng

RT: 11.561 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

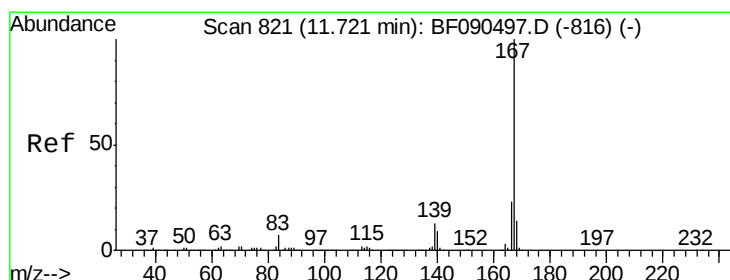
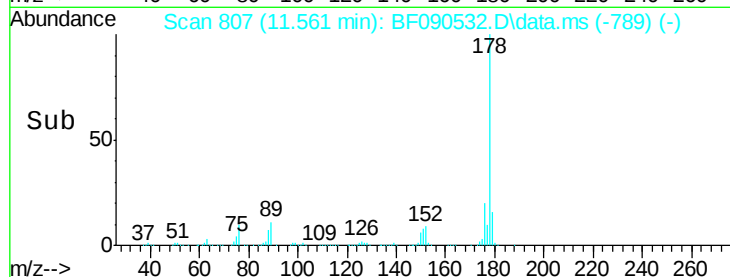
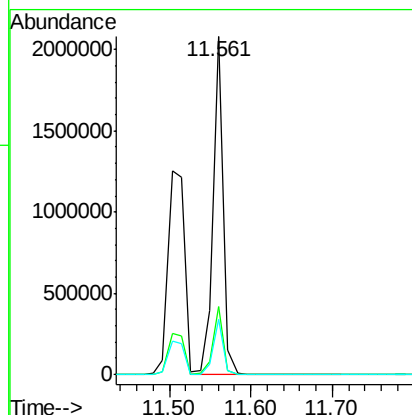
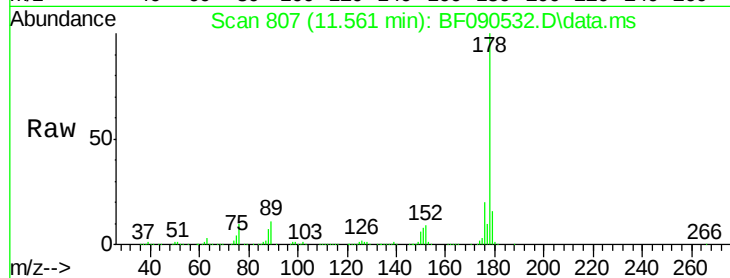
Tot Ion:178 Resp: 1830447

Ion Ratio Lower Upper

178 100

176 19.9 16.8 25.2

179 16.5 13.4 20.2



#72

Carbazole

Concen: 36.68 ng

RT: 11.721 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

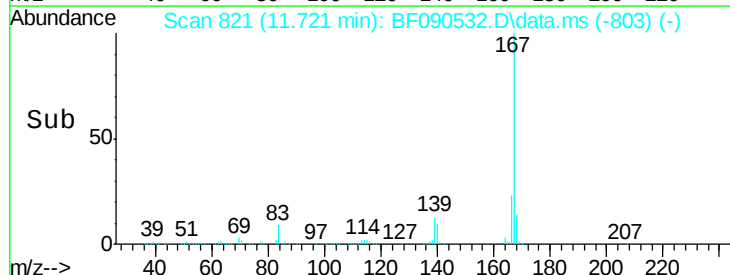
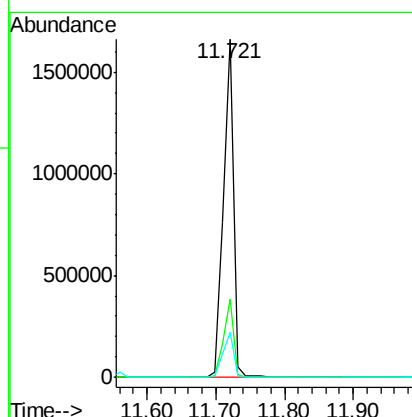
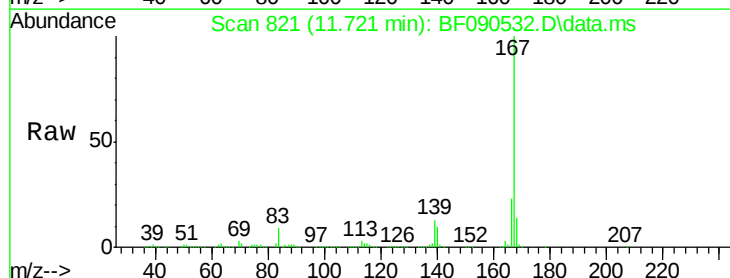
Tgt Ion:167 Resp: 1739246

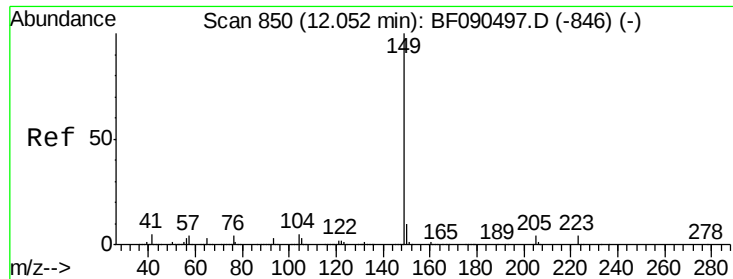
Ion Ratio Lower Upper

167 100

166 23.2 19.1 28.7

139 13.4 12.1 18.1





#73

Di-n-butylphthalate

Concen: 33.19 ng

RT: 12.041 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

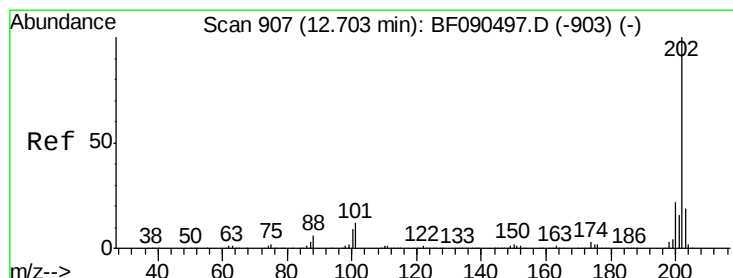
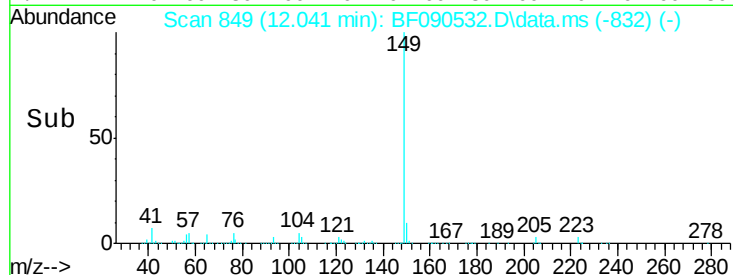
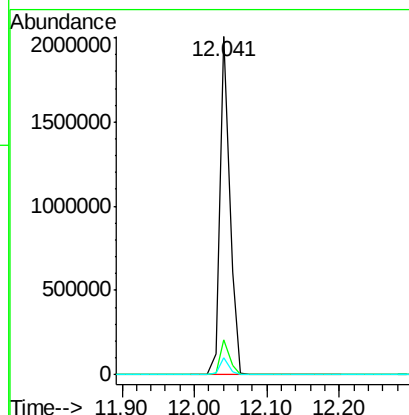
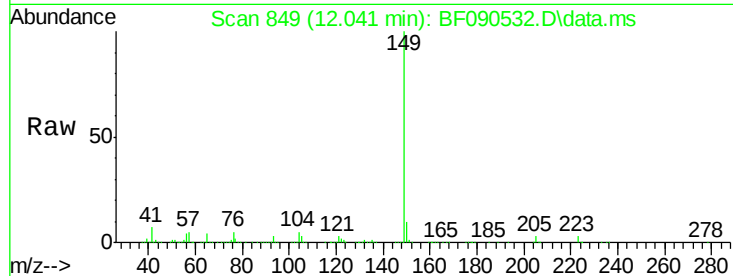
Tot Ion:149 Resp: 1895573

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

104 5.1 4.7 7.1



#74

Fluoranthene

Concen: 36.62 ng

RT: 12.704 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

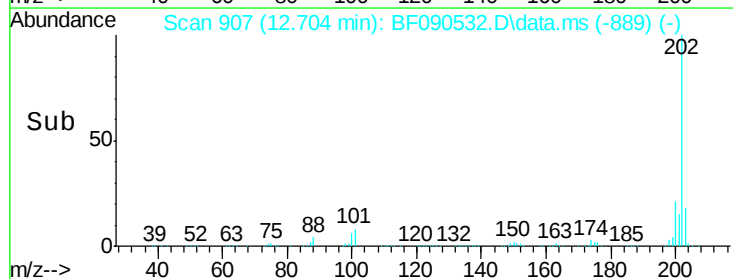
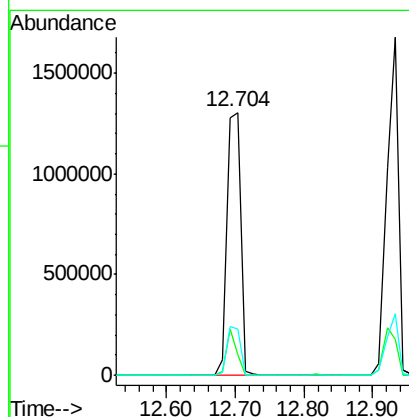
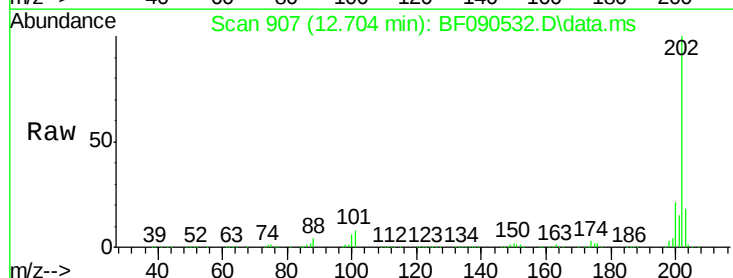
Tgt Ion:202 Resp: 1852339

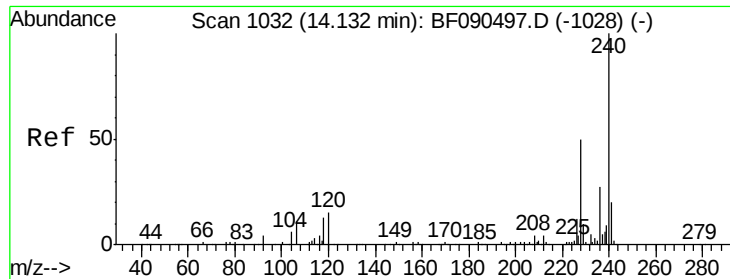
Ion Ratio Lower Upper

202 100

101 7.9 0.0 37.2

203 17.8 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.132 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

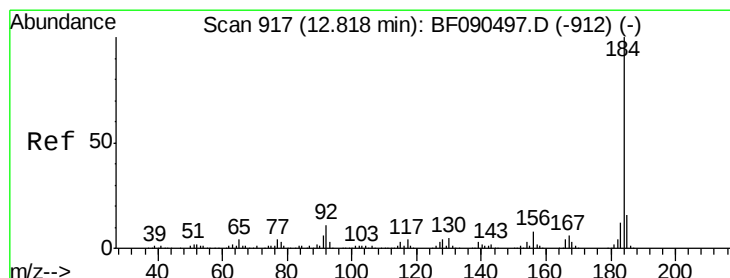
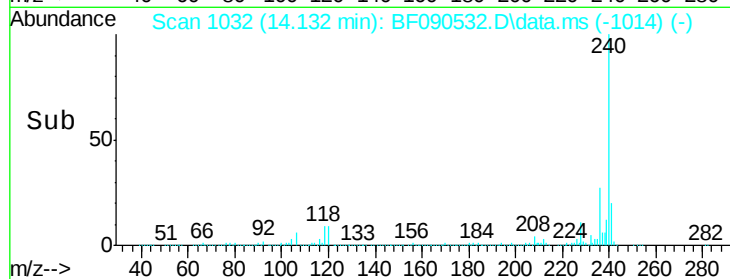
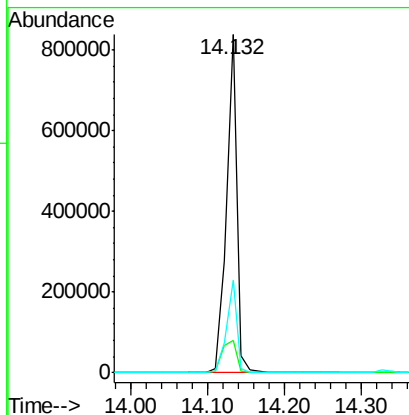
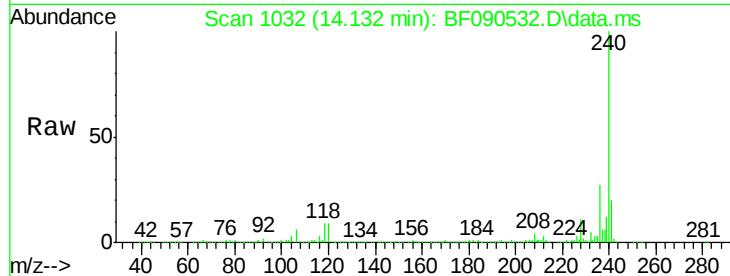
Tot Ion:240 Resp: 808152

Ion Ratio Lower Upper

240 100

120 9.4 8.6 13.0

236 27.3 21.6 32.4



#76

Benzidine

Concen: 19.48 ng

RT: 12.818 min Scan# 917

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

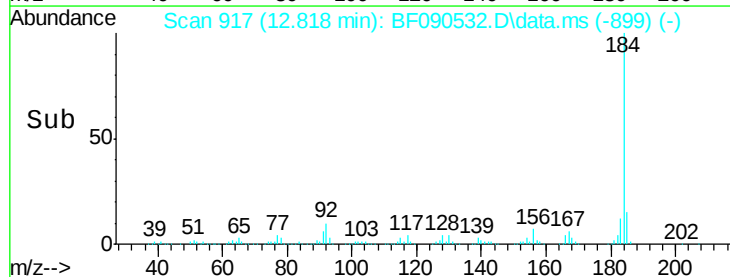
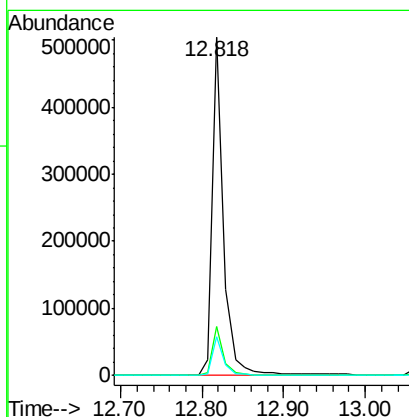
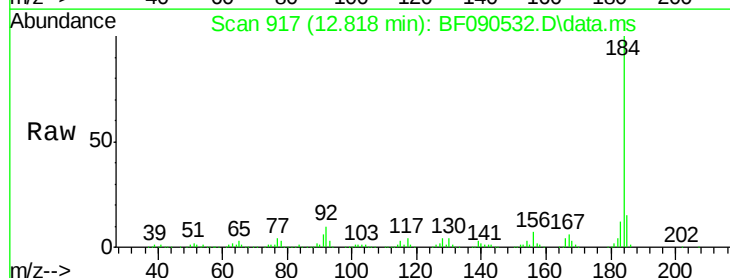
Tgt Ion:184 Resp: 494792

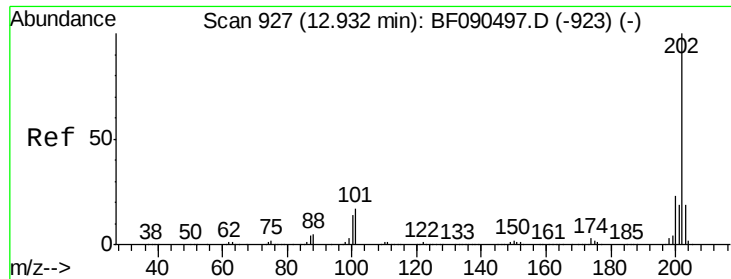
Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

183 11.6 9.6 14.4

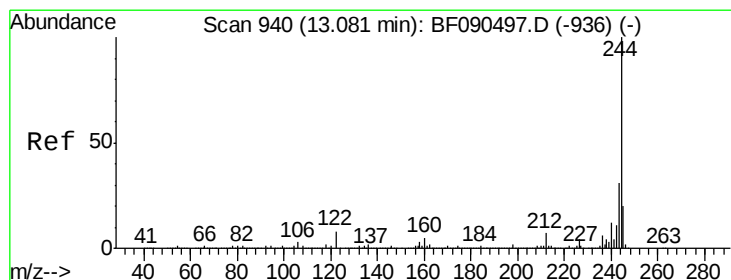
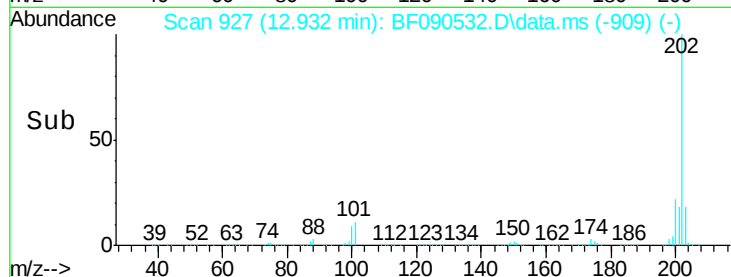
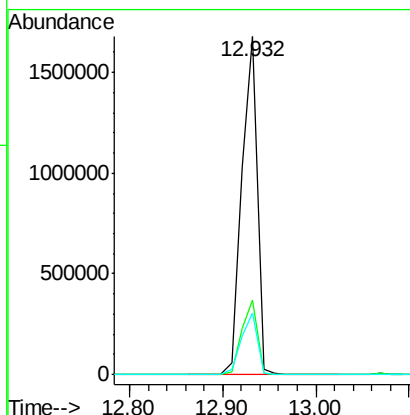
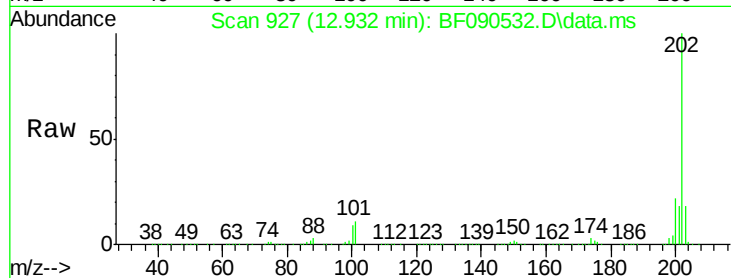




#77
Pvrene
Concen: 38.12 ng
RT: 12.932 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

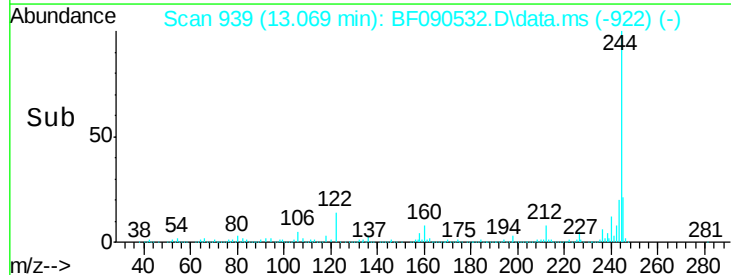
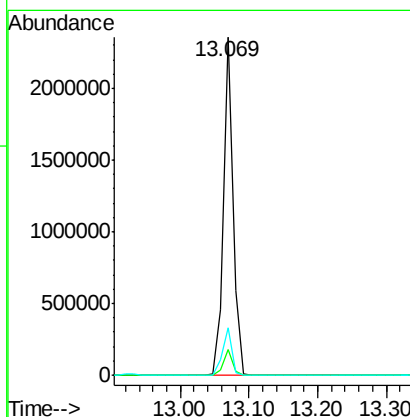
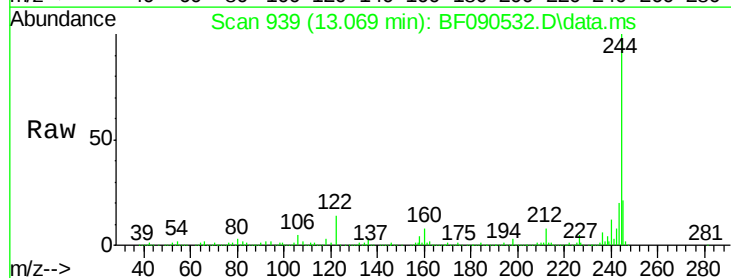
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

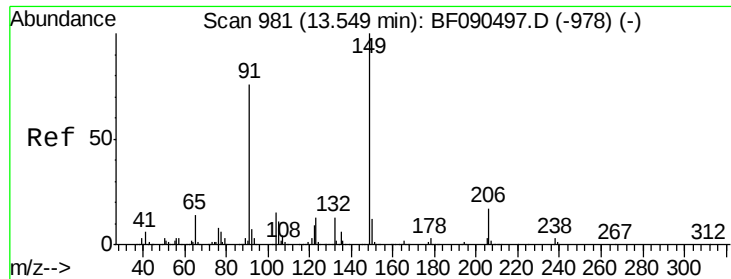
Tot Ion:202 Resp: 1928417
Ion Ratio Lower Upper
202 100
200 22.1 18.5 27.7
203 18.1 15.0 22.6



#78
Terphenyl-d14
Concen: 71.28 ng
RT: 13.069 min Scan# 939
Delta R.T. -0.011 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:244 Resp: 2357178
Ion Ratio Lower Upper
244 100
212 7.6 6.8 10.2
122 14.0 13.3 19.9





#79

Butylbenzylphthalate

Concen: 38.03 ng

RT: 13.549 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

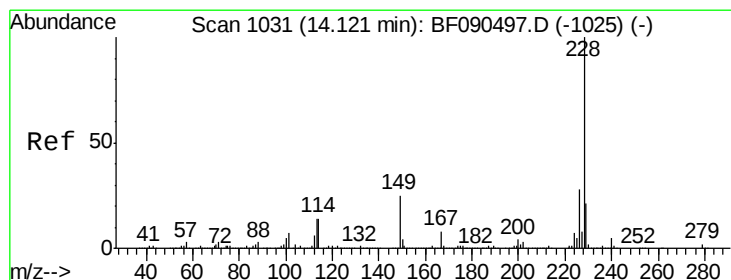
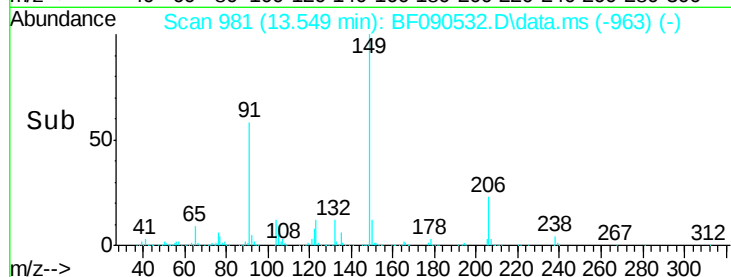
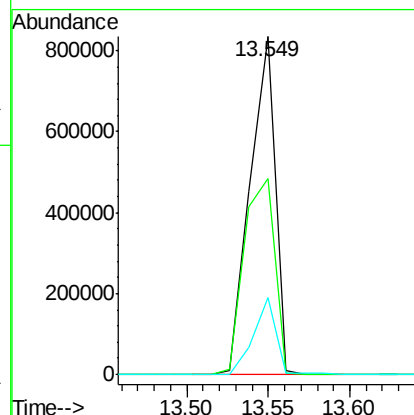
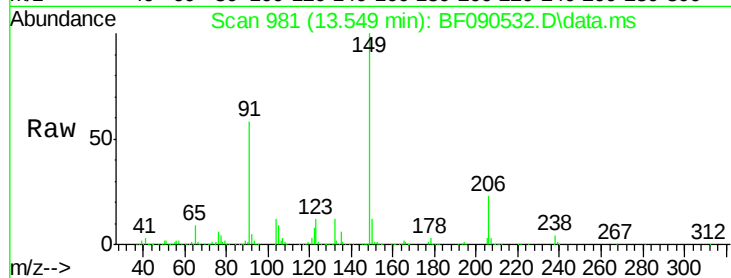
Tot Ion:149 Resp: 900633

Ion Ratio Lower Upper

149 100

91 57.8 51.8 77.8

206 22.9 18.0 27.0



#80

Benzo(a)anthracene

Concen: 35.51 ng

RT: 14.121 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

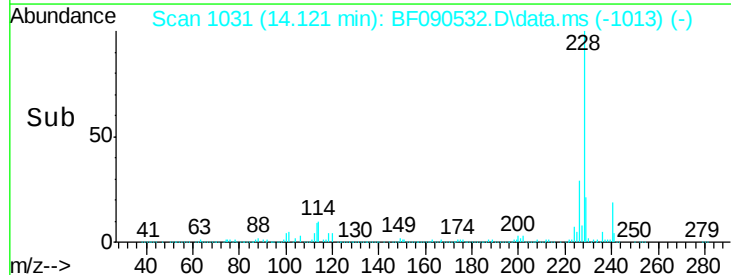
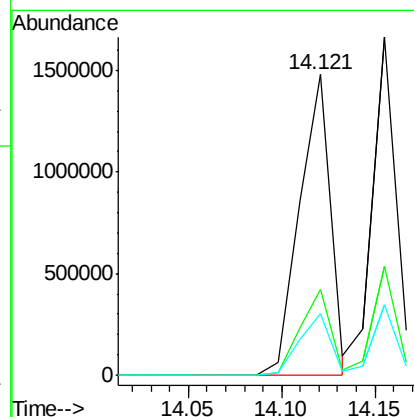
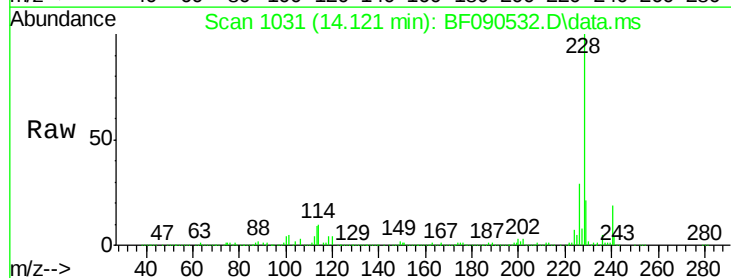
Tgt Ion:228 Resp: 1710060

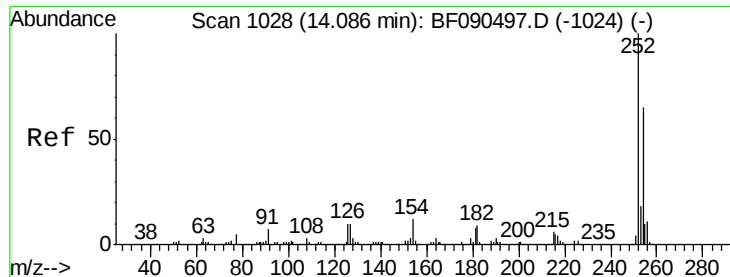
Ion Ratio Lower Upper

228 100

226 28.7 23.6 35.4

229 20.6 16.6 25.0

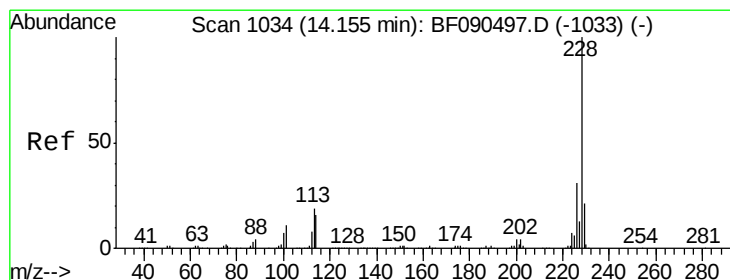
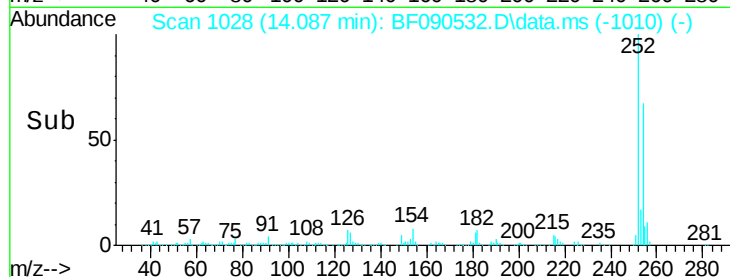
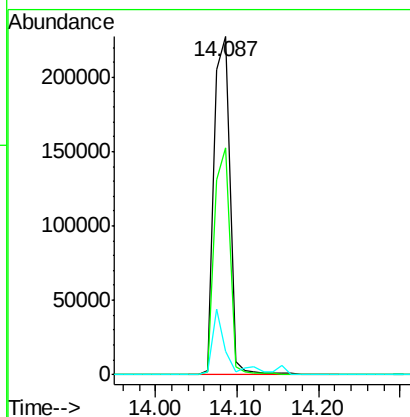
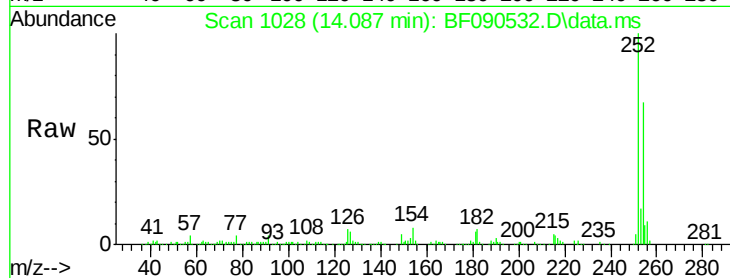




#81
 3,3'-Dichlorobenzidine
 Concen: 17.91 ng
 RT: 14.087 min Scan# 1028
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

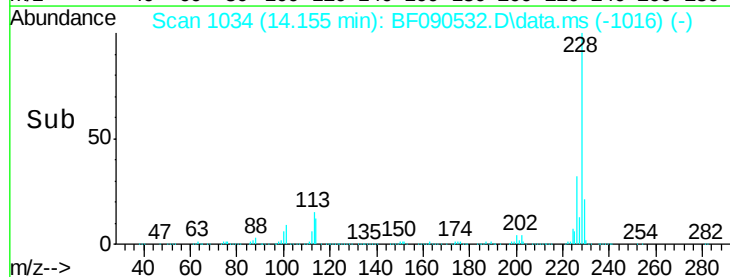
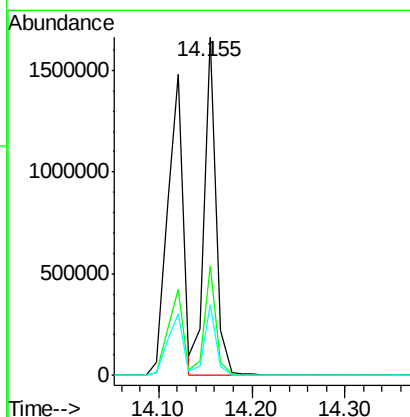
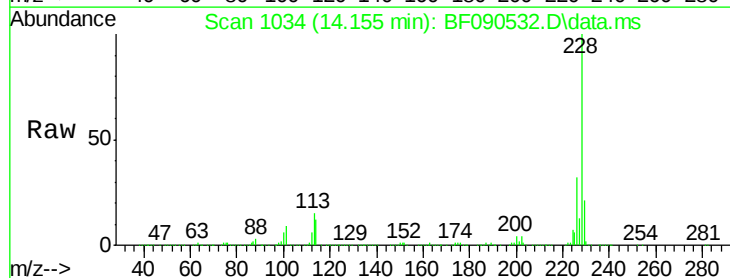
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BSD

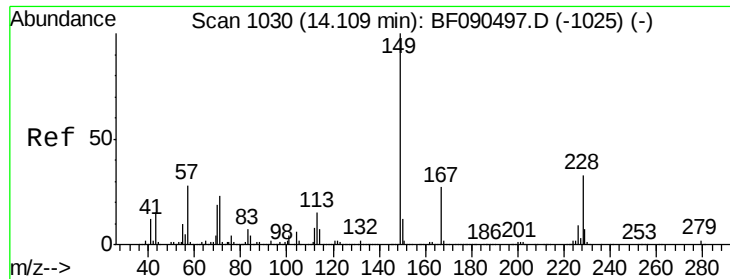
Tot Ion:252 Resp: 310392
 Ion Ratio Lower Upper
 252 100
 254 67.0 52.1 78.1
 126 6.8 4.2 6.4#



#82
 Chrysene
 Concen: 32.87 ng
 RT: 14.155 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: BF090532.D
 Acq: 12 Oct 2016 13:45

Tgt Ion:228 Resp: 1473690
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.8 38.6
 229 21.0 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.97 ng

RT: 14.109 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

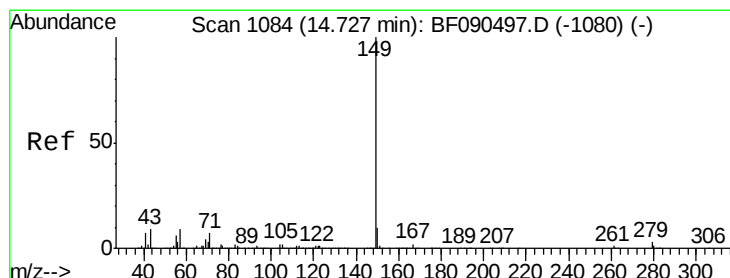
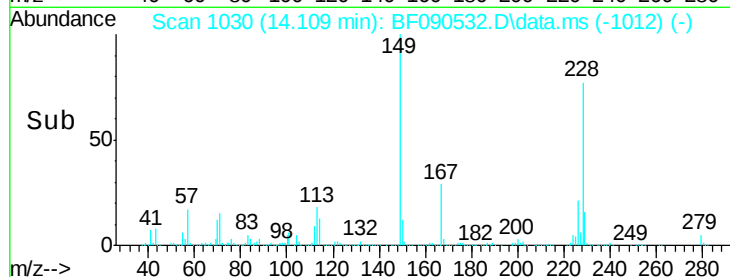
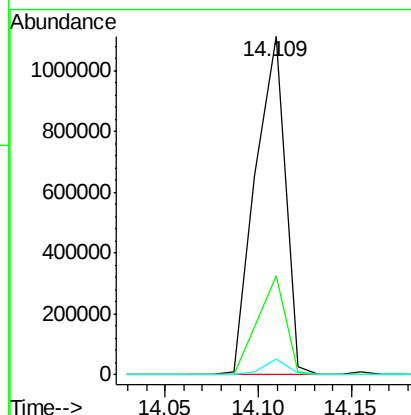
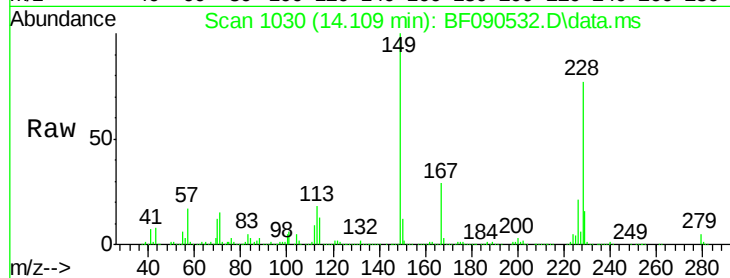
Tot Ion:149 Resp: 1243044

Ion Ratio Lower Upper

149 100

167 29.1 21.5 32.3

279 4.7 2.6 3.8#



#84

Di-n-octyl phthalate

Concen: 35.77 ng

RT: 14.715 min Scan# 1083

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

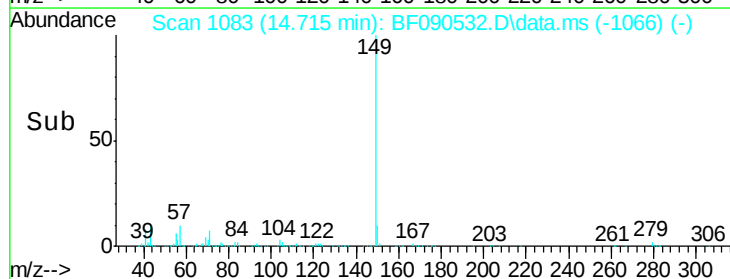
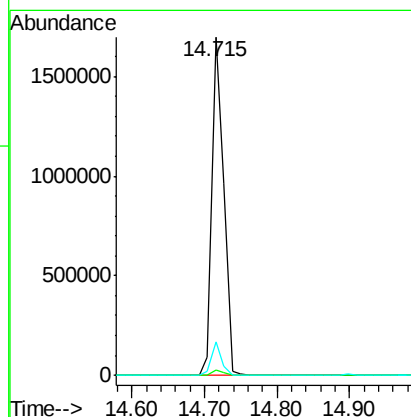
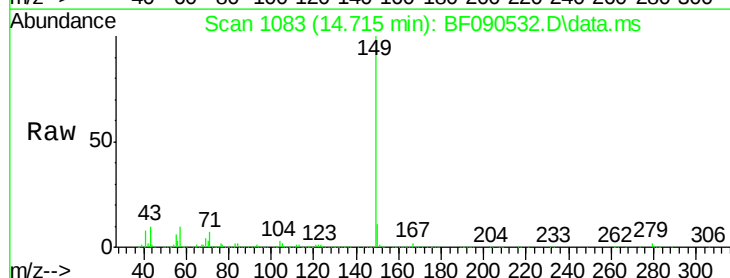
Tgt Ion:149 Resp: 1914435

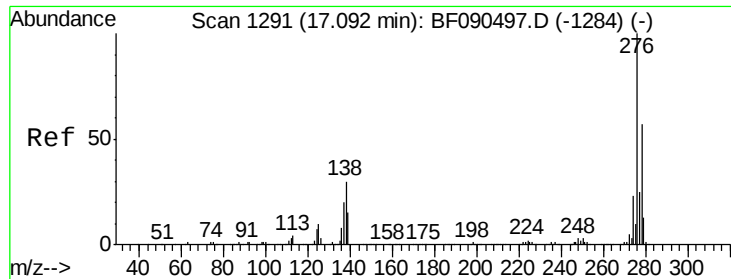
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 11.8 17.8#

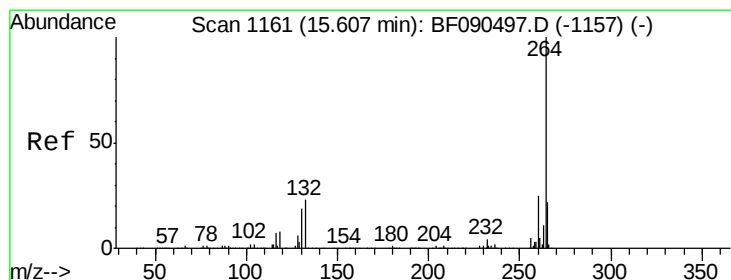
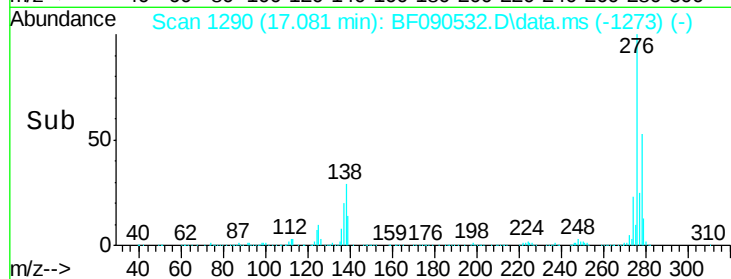
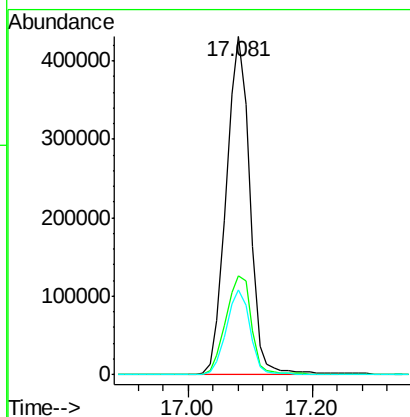
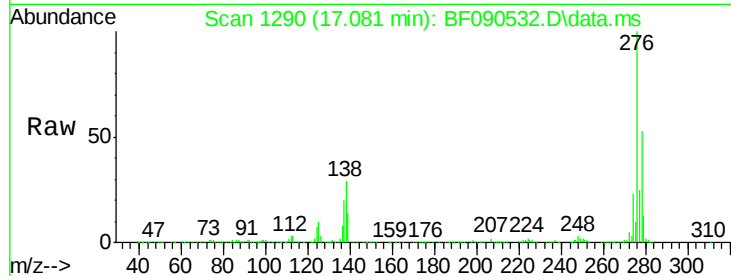




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.51 ng
RT: 17.081 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

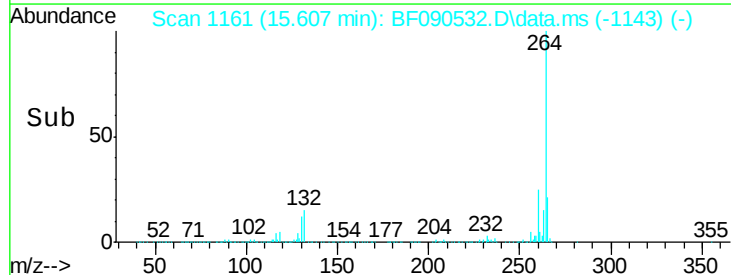
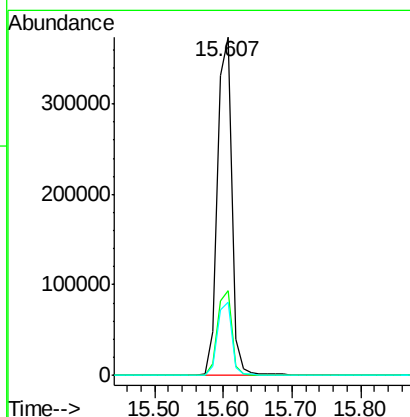
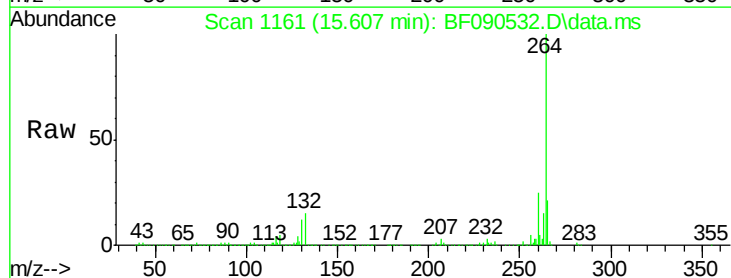
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

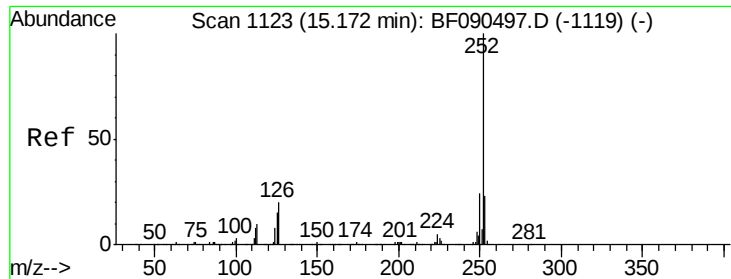
Tot Ion:276 Resp: 1138909
Ion Ratio Lower Upper
276 100
138 31.8 23.8 35.8
277 25.3 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.607 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:264 Resp: 558975
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.5 17.4 26.0

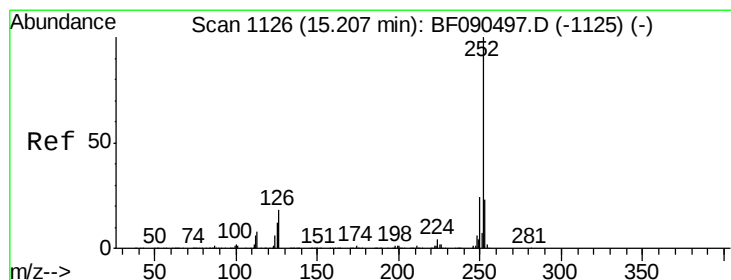
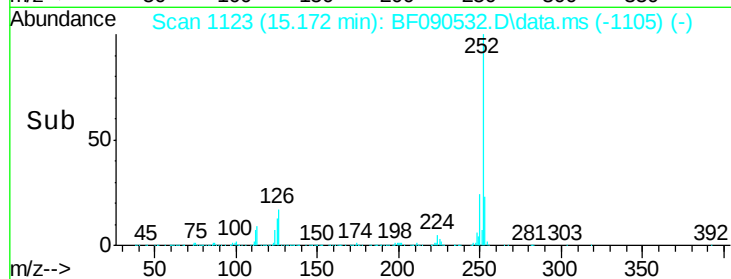
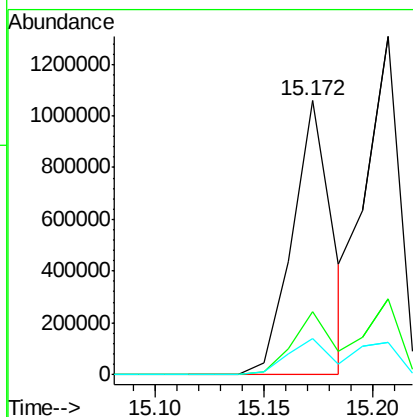
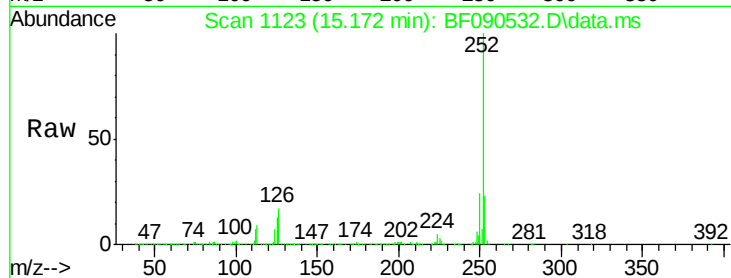




#87
Benzo(b)fluoranthene
Concen: 36.48 ng
RT: 15.172 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

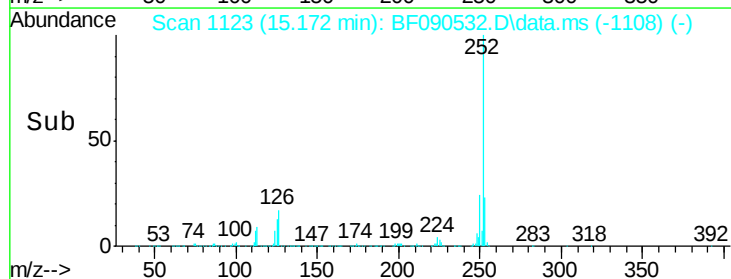
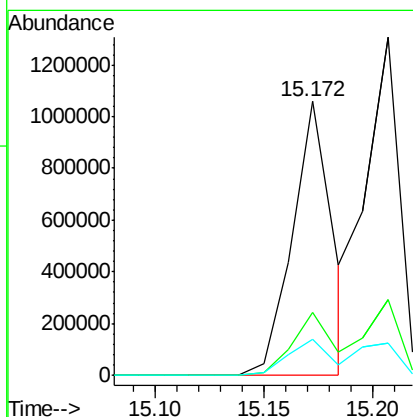
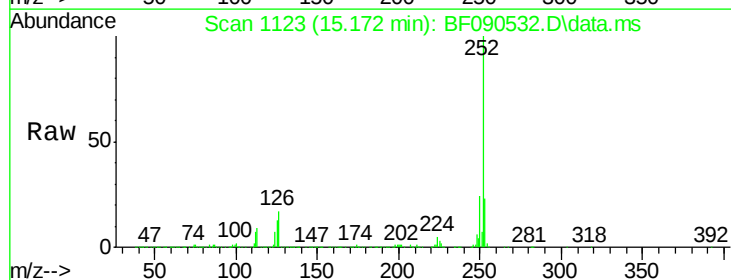
Instrument :
BNA_F
ClientSampleId :
PB93973BSD

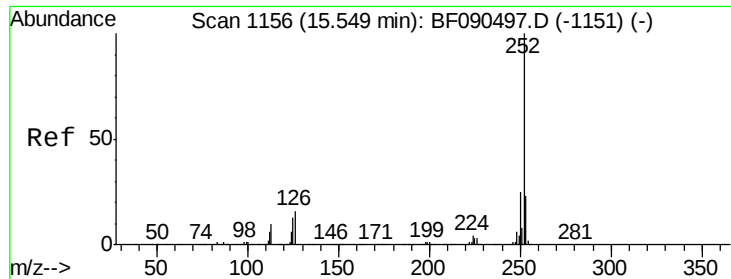
Tot Ion:252 Resp: 1345454
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 13.1 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 40.96 ng
RT: 15.172 min Scan# 1123
Delta R.T. -0.034 min
Lab File: BF090532.D
Acq: 12 Oct 2016 13:45

Tgt Ion:252 Resp: 1345454
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 13.1 11.7 17.5





#89

Benzo(a)pyrene

Concen: 38.34 ng

RT: 15.538 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

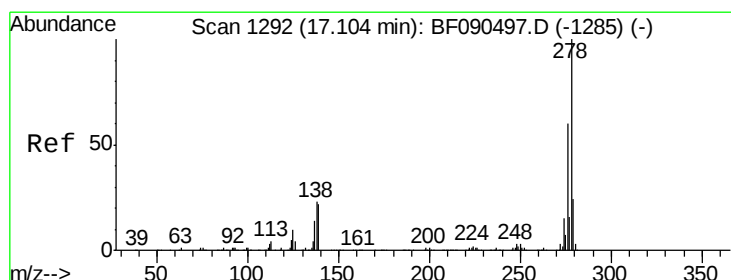
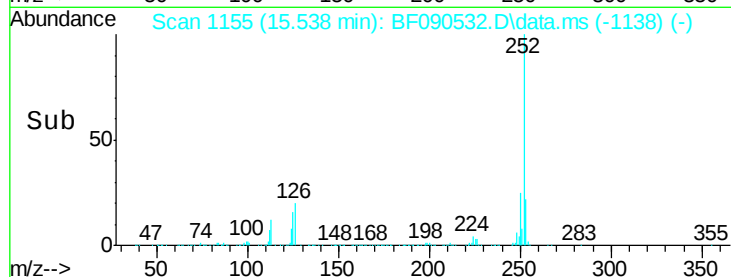
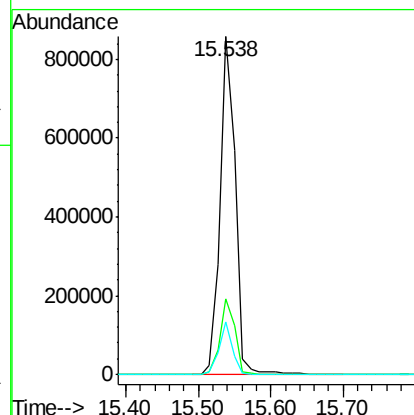
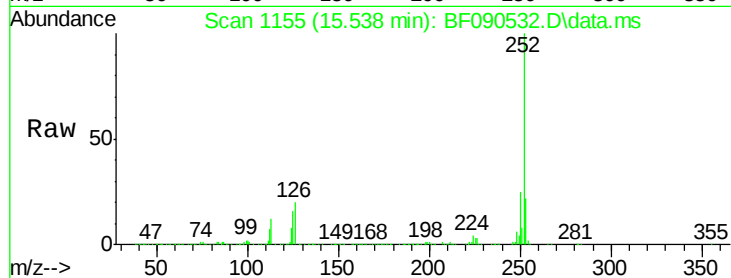
Tot Ion:252 Resp: 1241668

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 15.5 9.8 14.8#



#90

Dibenzo(a,h)anthracene

Concen: 35.44 ng

RT: 17.093 min Scan# 1291

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

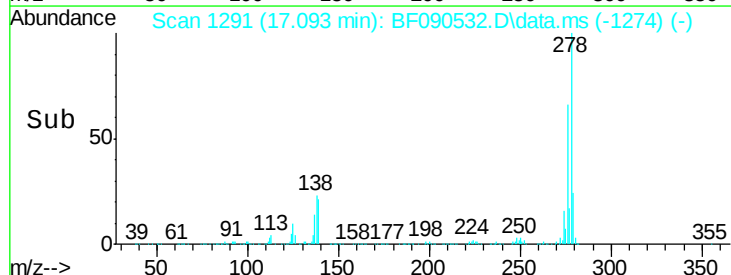
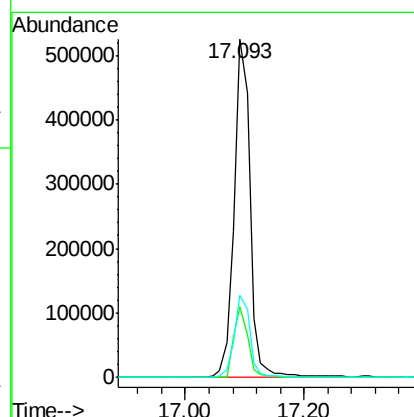
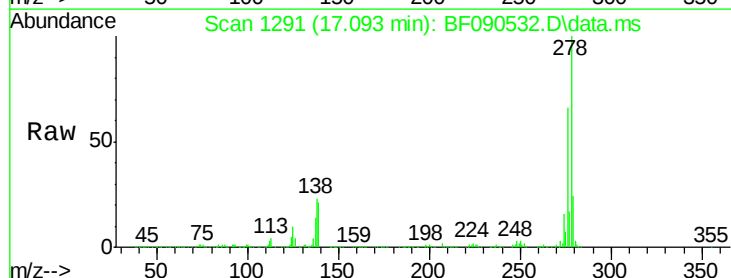
Tgt Ion:278 Resp: 975092

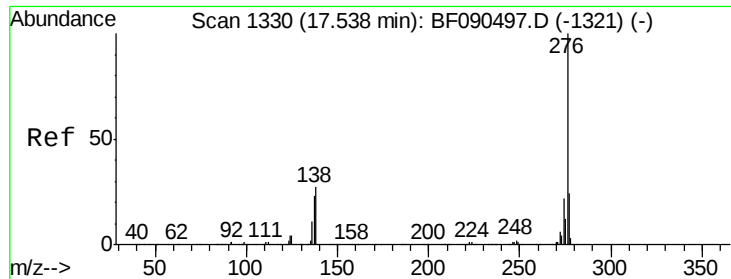
Ion Ratio Lower Upper

278 100

139 21.0 12.8 19.2#

279 24.2 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 35.57 ng

RT: 17.527 min Scan# 13

Delta R.T. -0.011 min

Lab File: BF090532.D

Acq: 12 Oct 2016 13:45

Instrument :

BNA_F

ClientSampleId :

PB93973BSD

Tot Ion:276 Resp: 905054

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 26.5 20.8 31.2

