

Data Path : Z:\HPCHEM1\BNA F\Data\BF091516\
 Data File : BF090087.D
 Acq On : 15 Sep 2016 12:54
 Operator : UM/SJ
 Sample : PB93338BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Quant Time: Sep 15 13:17:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.547	152	144876	20.00	ng	0.00	
21) Naphthalene-d8	7.839	136	595951	20.00	ng	0.00	
38) Acenaphthene-d10	9.588	164	317474	20.00	ng	0.00	
63) Phenanthrene-d10	11.051	188	491994	20.00	ng	0.00	
75) Chrysene-d12	13.668	240	352112	20.00	ng	0.00	
86) Perylene-d12	14.994	264	282649	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.130	112	1138352	126.37	ng	0.01	
7) Phenol-d6	6.204	99	1338929	113.53	ng	0.00	
23) Nitrobenzene-d5	7.119	82	816838	77.07	ng	-0.01	
41) 2,4,6-Tribromophenol	10.365	330	316504	99.25	ng	-0.01	
44) 2-Fluorobiphenyl	8.925	172	1471153	72.77	ng	0.00	
78) Terphenyl-d14	12.628	244	1201998	81.07	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.055	88	162235	34.49	ng		98
3) Pyridine	2.650	79	471603	39.61	ng		94
4) n-Nitrosodimethylamine	2.616	42	145772	38.85	ng		94
6) Aniline	6.216	93	306314	20.93	ng	#	25
8) 2-Chlorophenol	6.330	128	412493	39.75	ng		95
9) Benzaldehyde	6.090	77	42894	6.82	ng		97
10) Phenol	6.216	94	557149	42.09	ng	#	74
11) bis(2-Chloroethyl)ether	6.296	93	431615	40.66	ng		96
12) 1,3-Dichlorobenzene	6.490	146	444847	41.67	ng		97
13) 1,4-Dichlorobenzene	6.570	146	450983	40.92	ng		97
14) 1,2-Dichlorobenzene	6.570	146	453608	45.29	ng		98
15) Benzyl Alcohol	6.707	79	309096	46.54	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.845	45	487332	38.74	ng		96
17) 2-Methylphenol	6.833	107	375985	44.29	ng		97
18) Hexachloroethane	7.062	117	161098	40.28	ng		94
19) n-Nitroso-di-n-propyla...	6.982	70	281207	38.37	ng		98
20) 3+4-Methylphenols	6.982	107	459499	46.25	ng		86
22) Acetophenone	6.970	105	540895	37.49	ng	#	98
24) Nitrobenzene	7.142	77	470822	42.17	ng		90
25) Isophorone	7.382	82	862539	38.86	ng		97
26) 2-Nitrophenol	7.462	139	235633	43.53	ng	#	88
27) 2,4-Dimethylphenol	7.519	122	397383	41.72	ng		95
28) bis(2-Chloroethoxy)met...	7.610	93	577046	44.33	ng		99
29) 2,4-Dichlorophenol	7.702	162	350446	41.65	ng		90
30) 1,2,4-Trichlorobenzene	7.782	180	330532	39.82	ng		98
31) Naphthalene	7.862	128	1290498	44.05	ng		99
32) Benzoic acid	7.645	122	136934	18.61	ng		96
33) 4-Chloroaniline	7.919	127	136852	10.98	ng		95
34) Hexachlorobutadiene	7.987	225	175476	41.28	ng		99
35) Caprolactam	8.285	113	71794	25.55	ng		93
36) 4-Chloro-3-methylphenol	8.410	107	398716	40.82	ng		98
37) 2-Methylnaphthalene	8.548	142	738486	40.65	ng		99
39) 1,2,4,5-Tetrachloroben...	8.719	216	268462	32.89	ng		100

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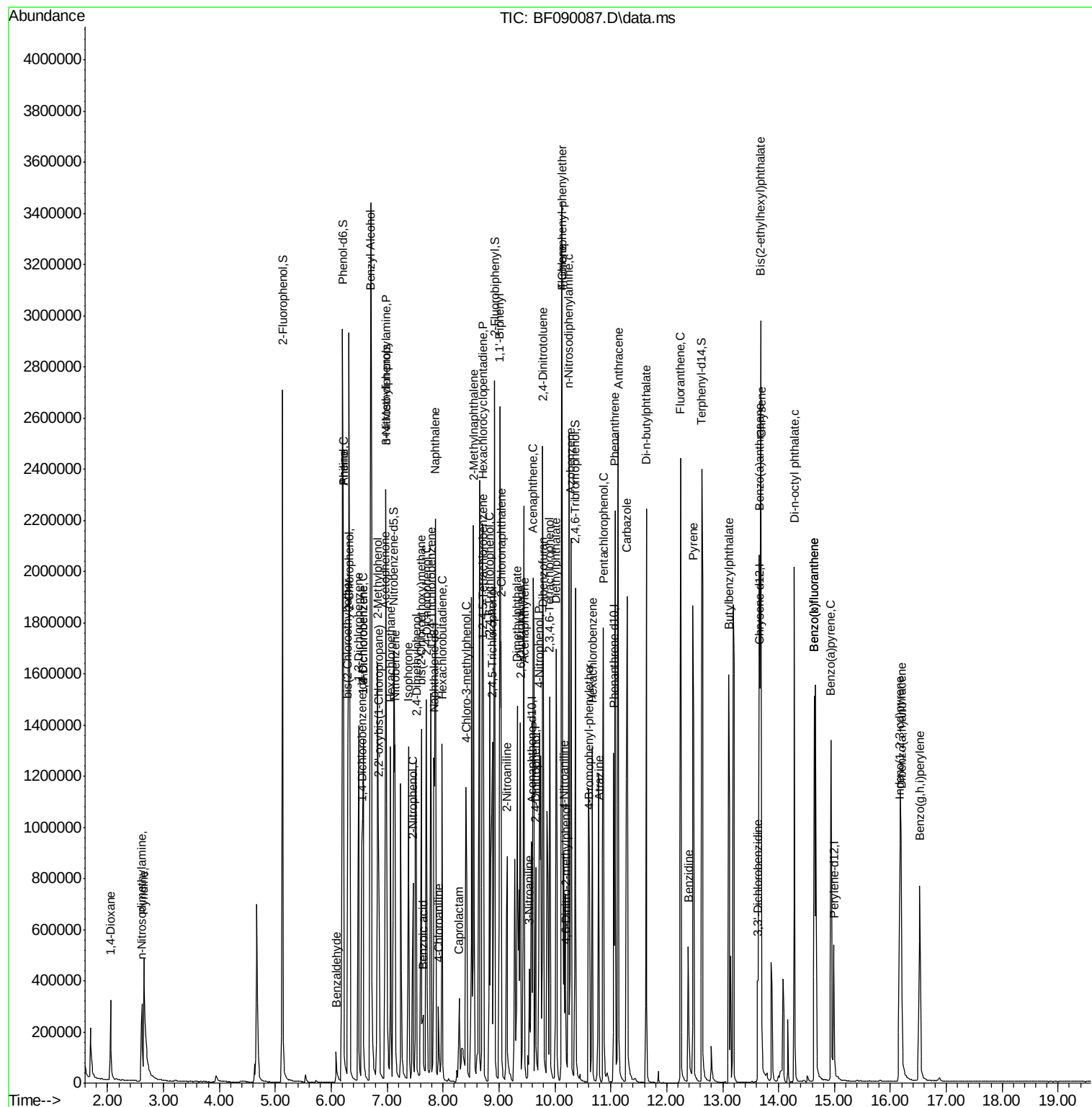
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.708	237	301675	71.11	ng	98
42) 2,4,6-Trichlorophenol	8.833	196	222231	37.56	ng	99
43) 2,4,5-Trichlorophenol	8.879	196	235469	37.00	ng	# 95
45) 1,1'-Biphenyl	9.016	154	851142	32.76	ng	98
46) 2-Chloronaphthalene	9.039	162	756031	39.28	ng	95
47) 2-Nitroaniline	9.142	65	232184	37.78	ng	85
48) Acenaphthylene	9.450	152	1141485	35.31	ng	99
49) Dimethylphthalate	9.325	163	839813	35.61	ng	98
50) 2,6-Dinitrotoluene	9.382	165	184497	35.01	ng	93
51) Acenaphthene	9.611	154	701254	38.84	ng	99
52) 3-Nitroaniline	9.542	138	114280	17.82	ng	86
53) 2,4-Dinitrophenol	9.656	184	153110	53.44	ng	95
54) Dibenzofuran	9.793	168	1030428	41.27	ng	97
55) 4-Nitrophenol	9.725	139	290333	64.35	ng	85
56) 2,4-Dinitrotoluene	9.782	165	228191	35.52	ng	98
57) Fluorene	10.125	166	675852	34.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.908	232	193532	39.87	ng	100
59) Diethylphthalate	10.022	149	802941	35.17	ng	99
60) 4-Chlorophenyl-phenyle...	10.125	204	293425	38.14	ng	97
61) 4-Nitroaniline	10.159	138	226913	34.96	ng	89
62) Azobenzene	10.285	77	965458	40.30	ng	99
64) 4,6-Dinitro-2-methylph...	10.193	198	106642	32.47	ng	85
65) n-Nitrosodiphenylamine	10.251	169	703697	45.14	ng	99
66) 4-Bromophenyl-phenylether	10.616	248	222925	47.00	ng	92
67) Hexachlorobenzene	10.673	284	251319	44.97	ng	# 91
68) Atrazine	10.788	200	219931	47.48	ng	97
69) Pentachlorophenol	10.868	266	251071	76.69	ng	99
70) Phenanthrene	11.073	178	980004	41.22	ng	99
71) Anthracene	11.131	178	1178077	45.38	ng	100
72) Carbazole	11.291	167	1161008	43.60	ng	99
73) Di-n-butylphthalate	11.634	149	1211667	40.57	ng	100
74) Fluoranthene	12.251	202	1073948	43.11	ng	98
76) Benzidine	12.388	184	418190	29.12	ng	96
77) Pyrene	12.468	202	1072357	41.73	ng	99
79) Butylbenzylphthalate	13.108	149	523828	40.93	ng	# 72
80) Benzo(a)anthracene	13.657	228	873700	42.51	ng	99
81) 3,3'-Dichlorobenzidine	13.622	252	131443	15.26	ng	# 97
82) Chrysene	13.691	228	850904	42.52	ng	100
83) Bis(2-ethylhexyl)phtha...	13.679	149	670372	42.35	ng	100
84) Di-n-octyl phthalate	14.285	149	1066780	37.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.171	276	735578	43.91	ng	100
87) Benzo(b)fluoranthene	14.640	252	1355834	81.82	ng	98
88) Benzo(k)fluoranthene	14.640	252	1356520	90.93	ng	# 96
89) Benzo(a)pyrene	14.937	252	653001	43.95	ng	# 94
90) Dibenzo(a,h)anthracene	16.194	278	621517	53.41	ng	99
91) Benzo(g,h,i)perylene	16.525	276	611851	55.10	ng	99

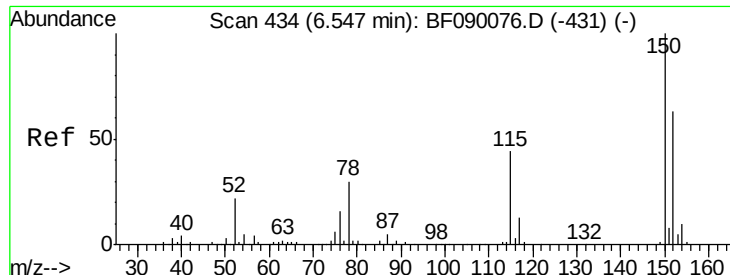
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.547 min Scan# 43

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

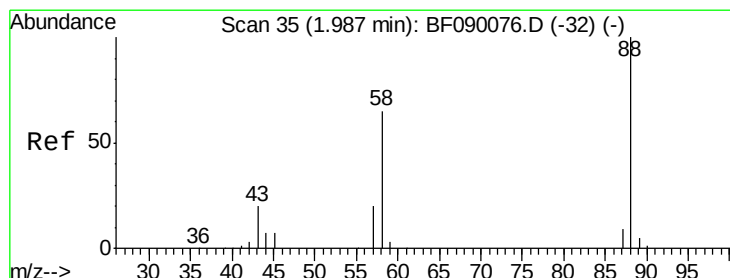
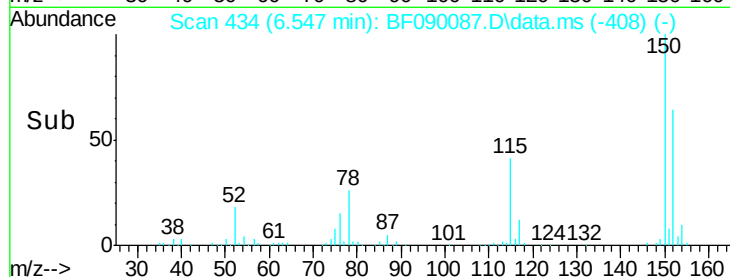
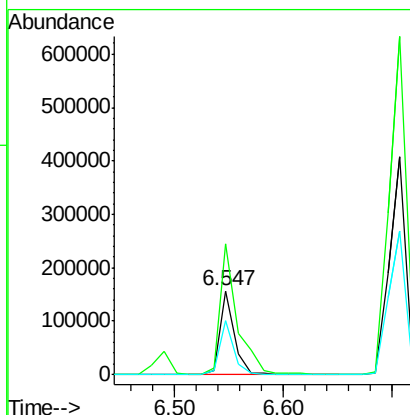
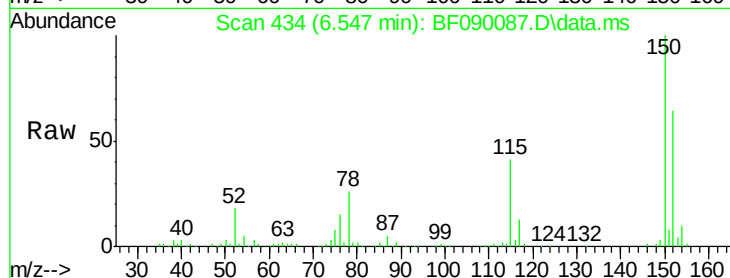
Tot Ion:152 Resp: 144876

Ion Ratio Lower Upper

152 100

150 156.0 128.9 193.3

115 64.3 55.5 83.3



#2

1,4-Dioxane

Concen: 34.49 ng

RT: 2.055 min Scan# 41

Delta R.T. 0.069 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

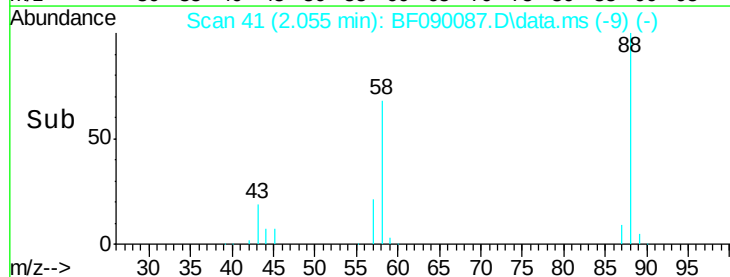
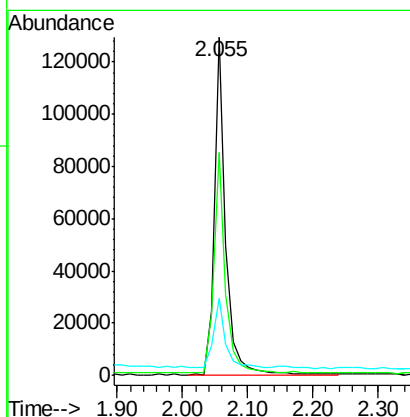
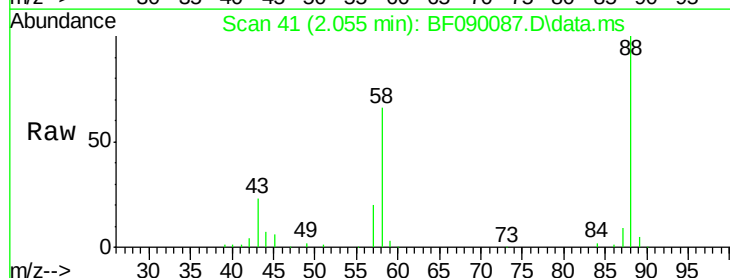
Tgt Ion: 88 Resp: 162235

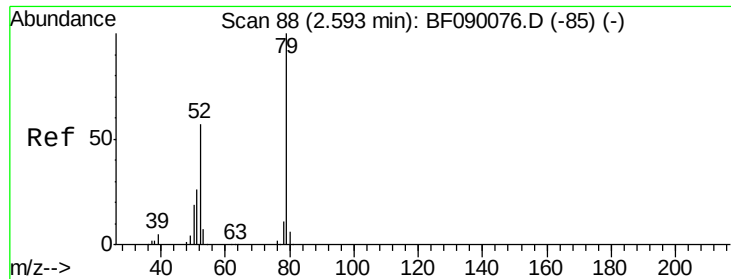
Ion Ratio Lower Upper

88 100

58 64.5 53.4 80.0

43 20.0 16.5 24.7

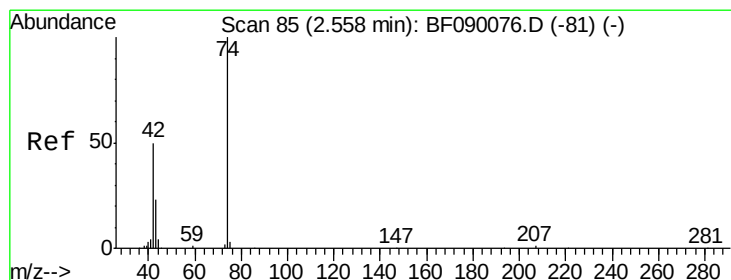
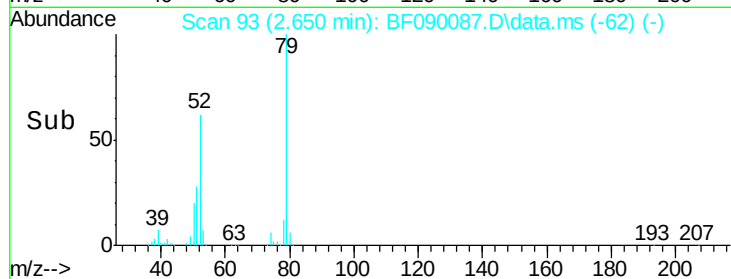
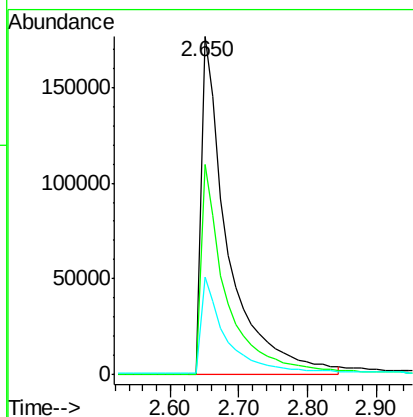
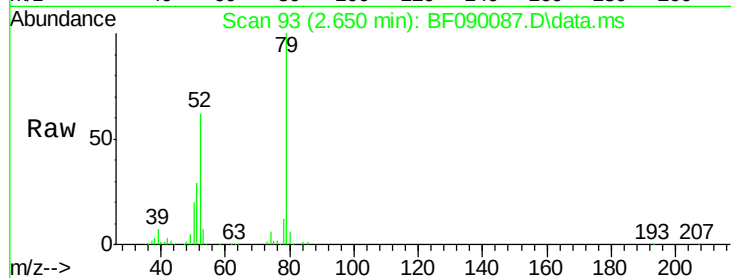




#3
 Pvridine
 Concen: 39.61 ng
 RT: 2.650 min Scan# 93
 Delta R.T. 0.058 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

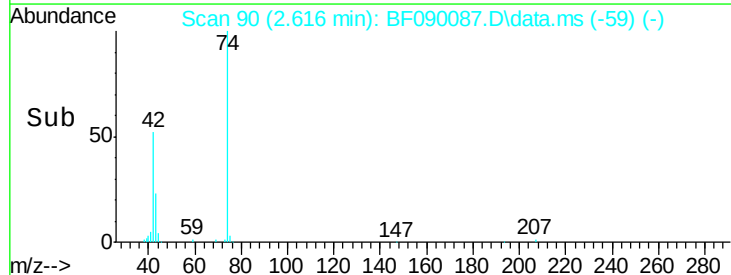
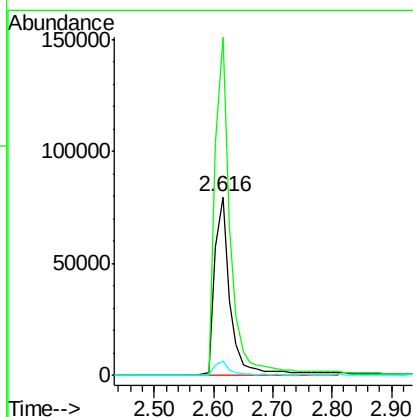
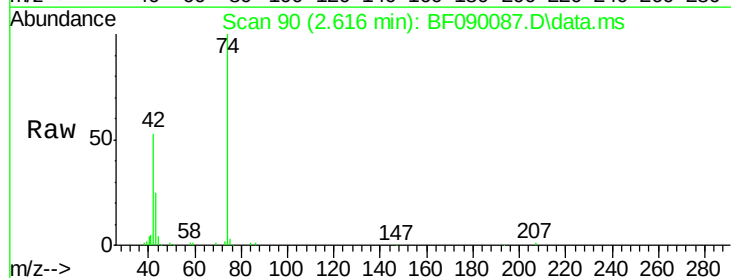
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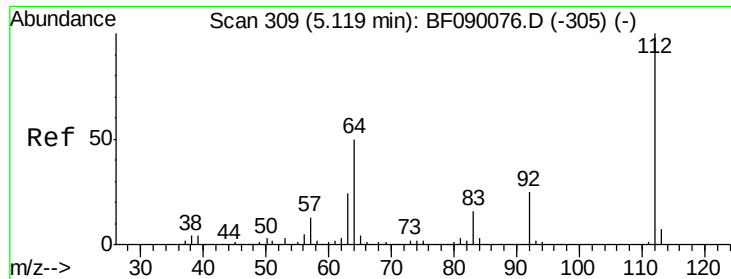
Tot Ion: 79 Resp: 471603
 Ion Ratio Lower Upper
 79 100
 52 62.1 45.9 68.9
 51 28.7 21.3 31.9



#4
 n-Nitrosodimethylamine
 Concen: 38.85 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.058 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion: 42 Resp: 145772
 Ion Ratio Lower Upper
 42 100
 74 189.8 158.7 238.1
 44 7.6 6.4 9.6

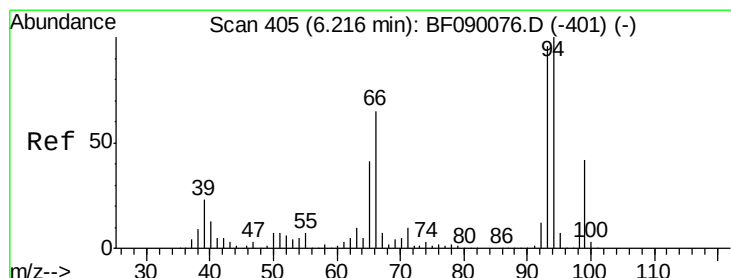
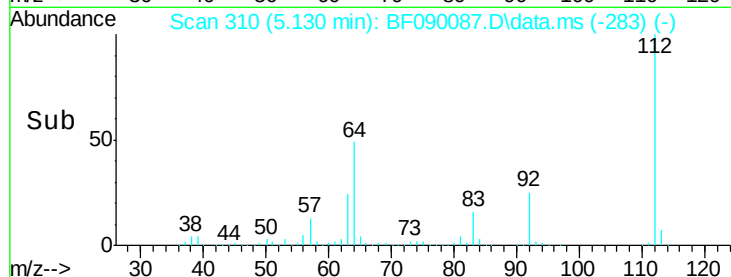
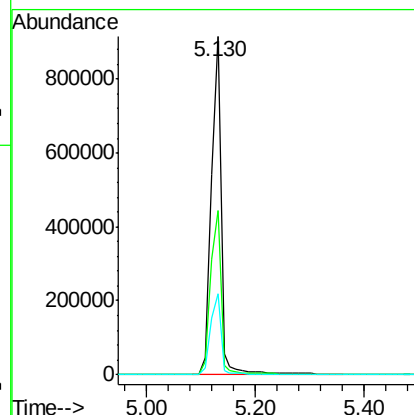
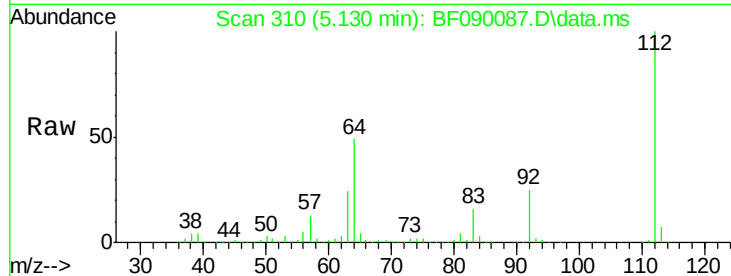




#5
 2-Fluorophenol
 Concen: 126.37 ng
 RT: 5.130 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

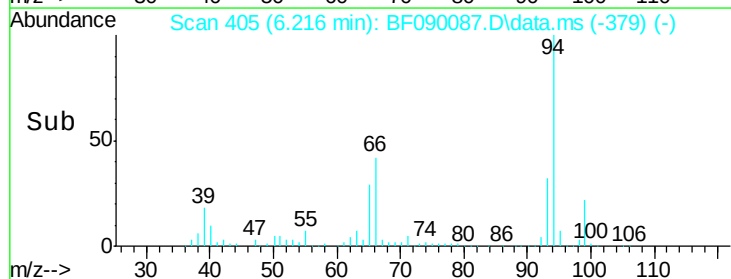
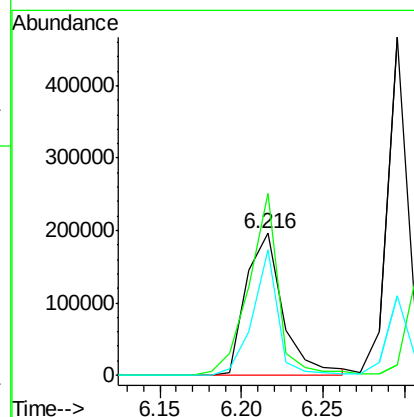
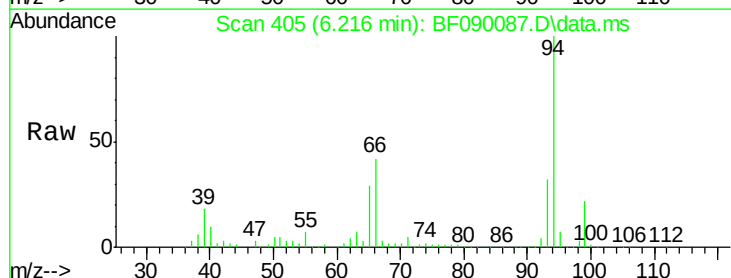
Instrument :
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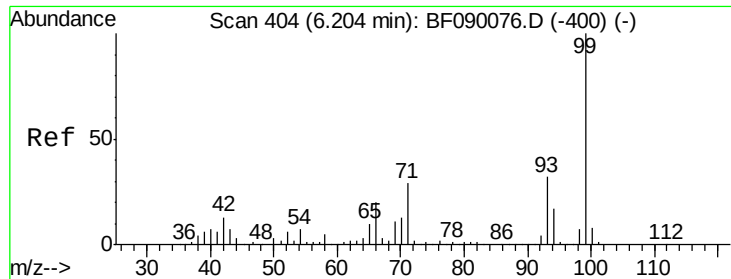
Tot Ion:112 Resp: 1138352
 Ion Ratio Lower Upper
 112 100
 64 48.6 39.8 59.6
 63 23.8 18.9 28.3



#6
 Aniline
 Concen: 20.93 ng
 RT: 6.216 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion: 93 Resp: 306314
 Ion Ratio Lower Upper
 93 100
 66 128.7 54.2 81.2#
 65 89.0 33.8 50.6#





#7

Phenol-d6

Concen: 113.53 ng

RT: 6.204 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

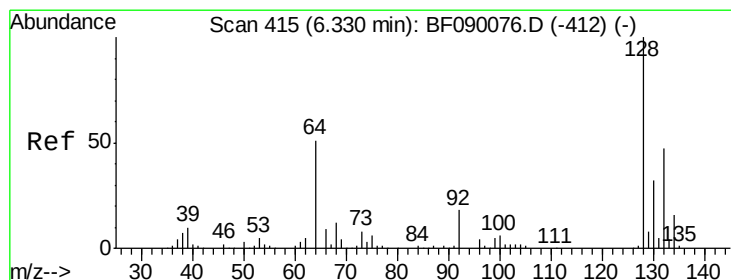
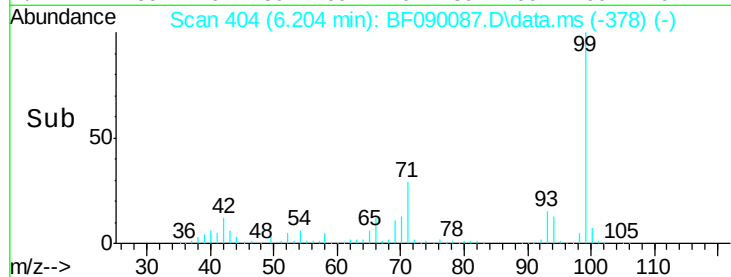
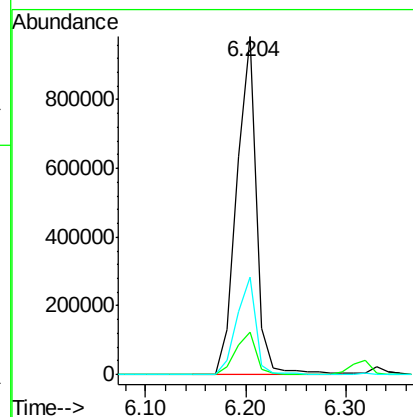
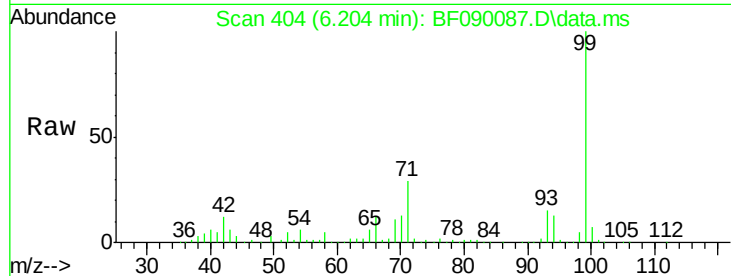
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1338929

Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.6	15.8
71	28.9	23.0	34.6



#8

2-Chlorophenol

Concen: 39.75 ng

RT: 6.330 min Scan# 415

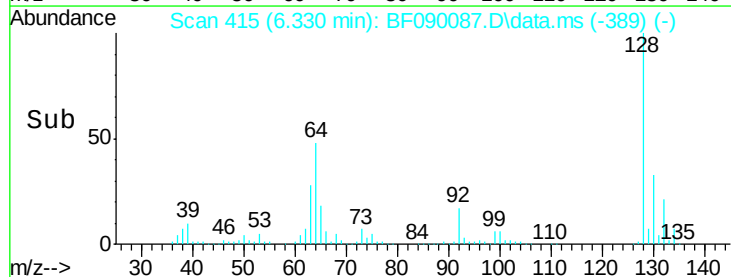
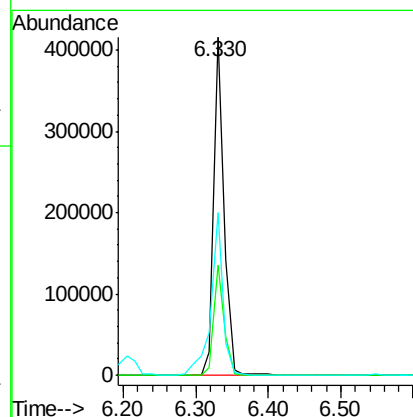
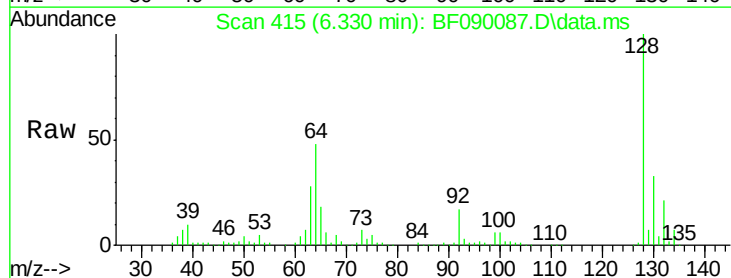
Delta R.T. 0.000 min

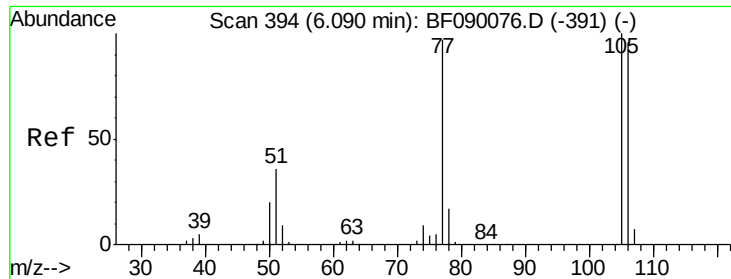
Lab File: BF090087.D

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Tgt Ion: 128 Resp: 412493

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	48.3	33.6	73.6





#9

Benzaldehyde

Concen: 6.82 ng

RT: 6.090 min Scan# 39

Delta R.T. 0.000 min

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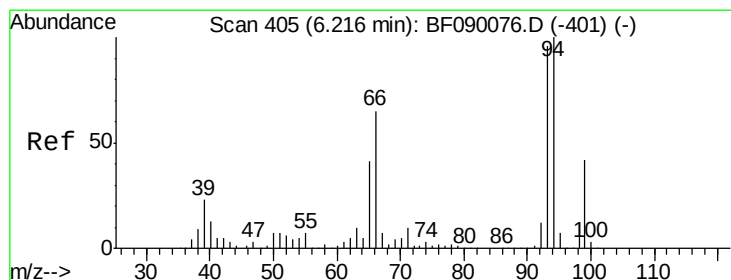
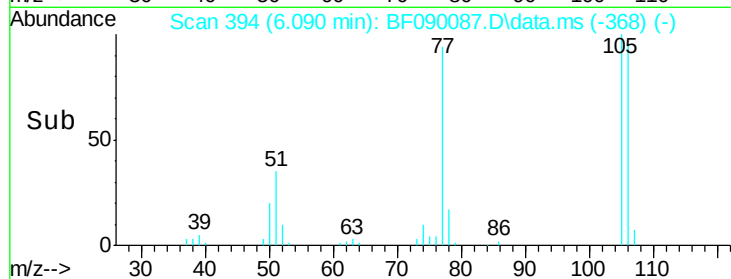
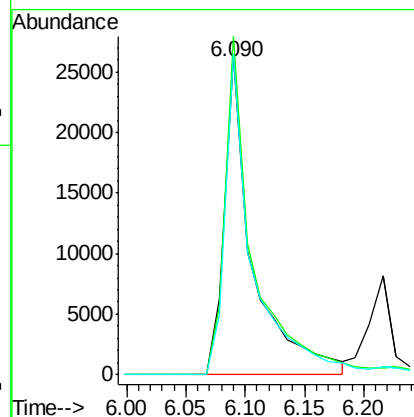
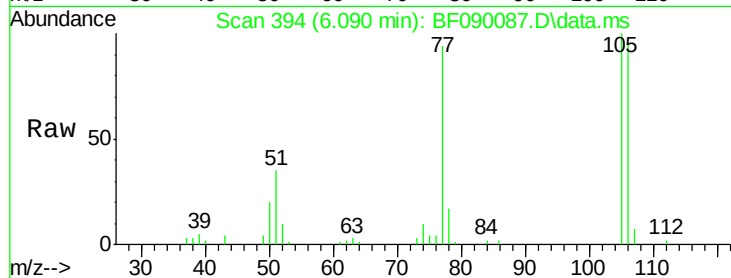
Tot Ion: 77 Resp: 42894

Ion Ratio Lower Upper

77 100

105 106.6 83.0 123.0

106 100.8 78.5 118.5



#10

Phenol

Concen: 42.09 ng

RT: 6.216 min Scan# 405

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

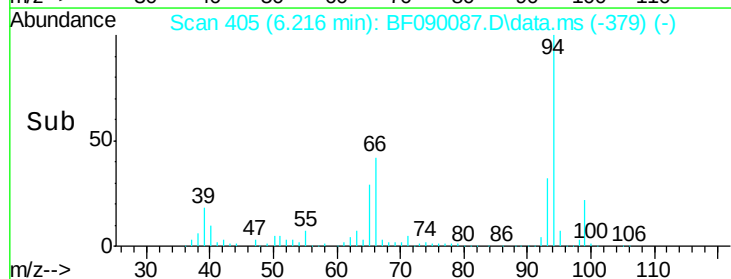
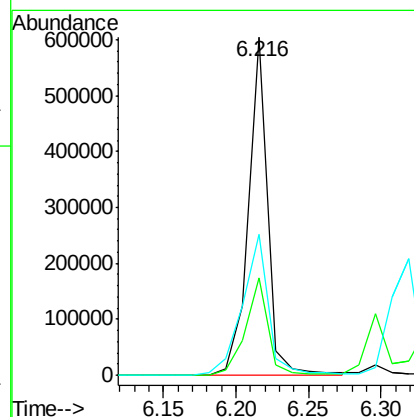
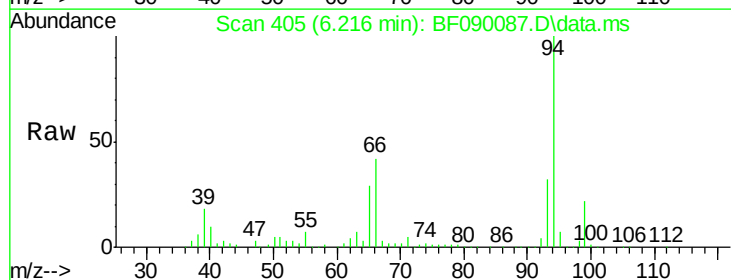
Tgt Ion: 94 Resp: 557149

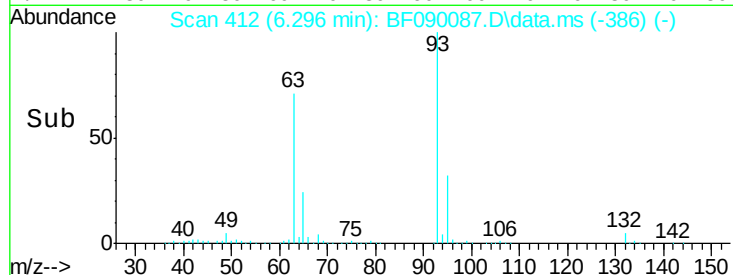
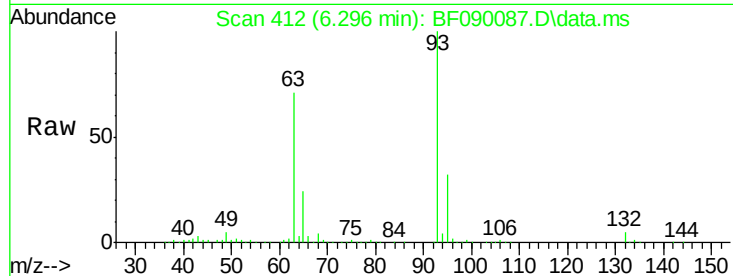
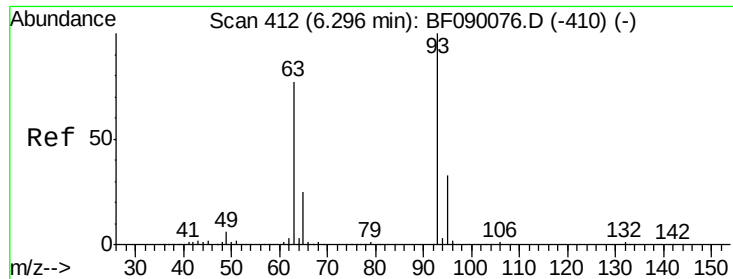
Ion Ratio Lower Upper

94 100

65 28.8 20.6 60.6

66 41.7 45.1 85.1#

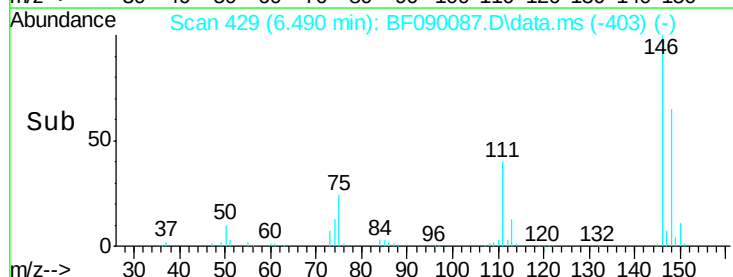
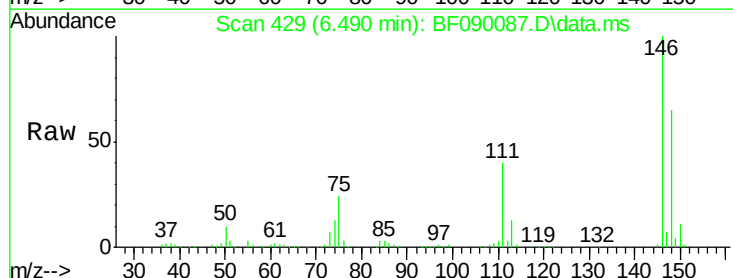
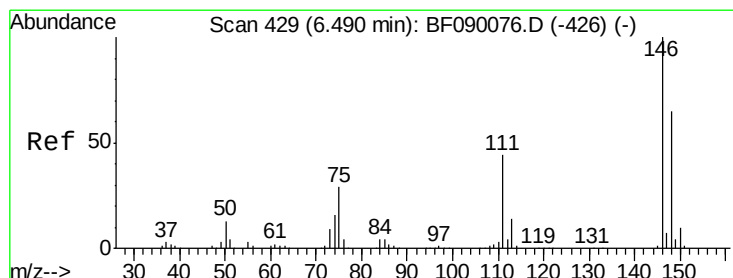
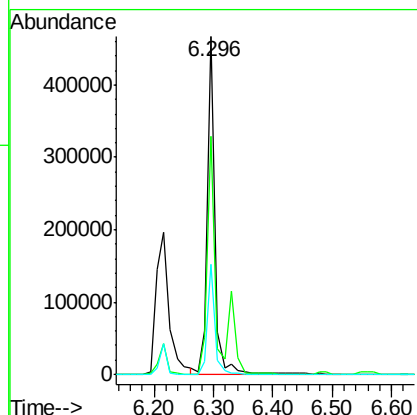




#11
bis(2-Chloroethyl)ether
Concen: 40.66 ng
RT: 6.296 min Scan# 41
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

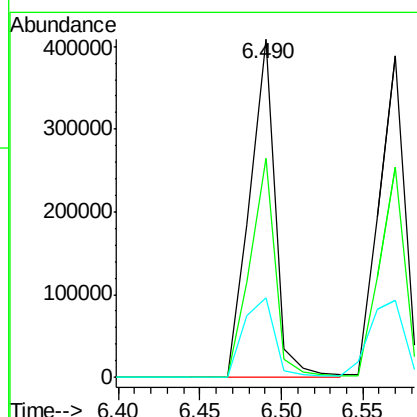
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

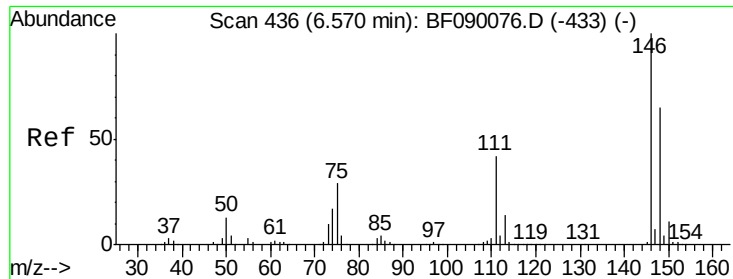
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	55.6	95.6
95	32.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 41.67 ng
RT: 6.490 min Scan# 429
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
75	23.7	22.8	34.2

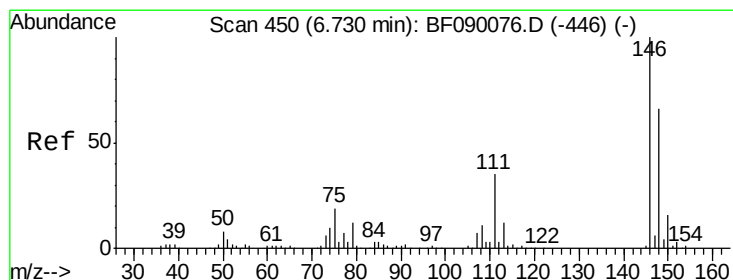
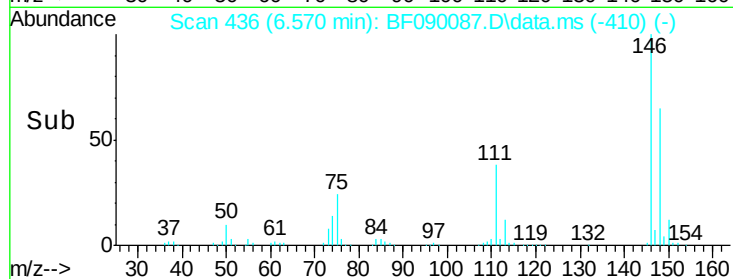
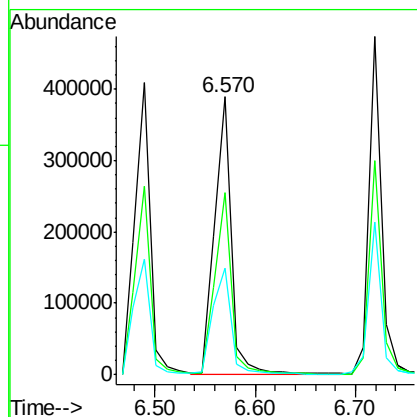
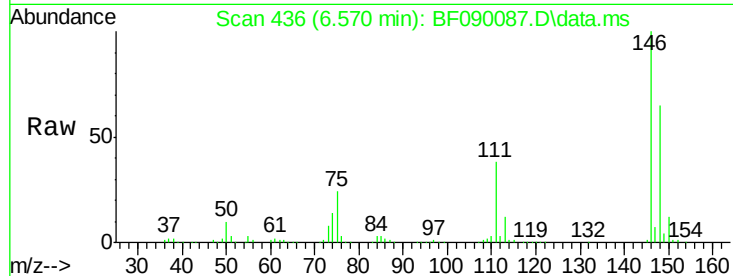




#13
 1,4-Dichlorobenzene
 Concen: 40.92 ng
 RT: 6.570 min Scan# 436
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

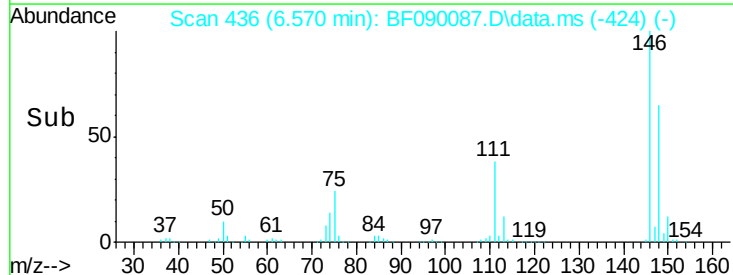
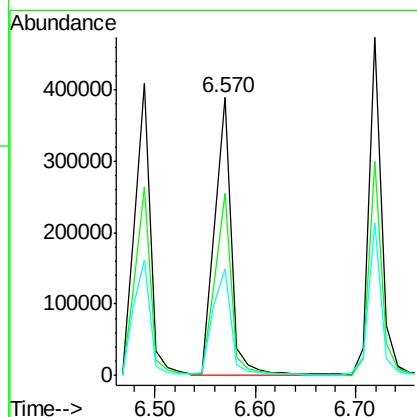
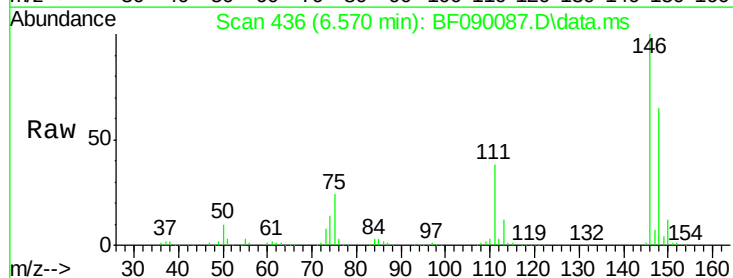
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

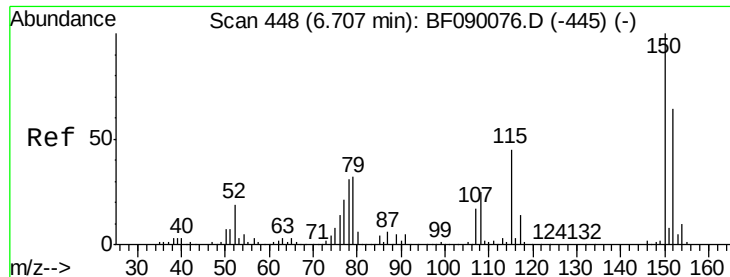
Tot Ion:146 Resp: 450983
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.0 78.0
 111 38.3 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 45.29 ng
 RT: 6.570 min Scan# 436
 Delta R.T. -0.160 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:146 Resp: 453608
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.6 79.0
 111 38.3 28.2 42.2

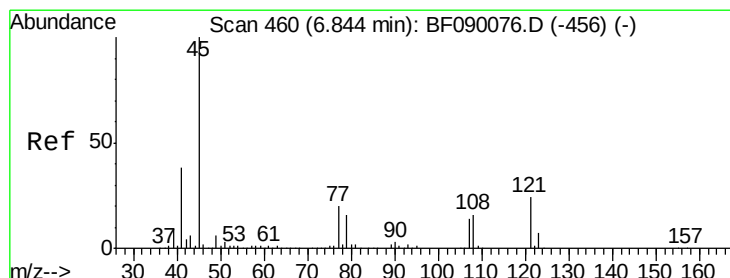
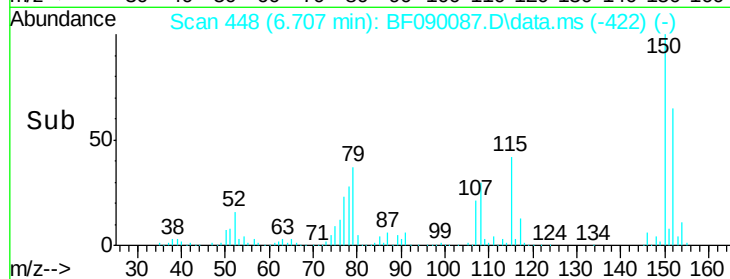
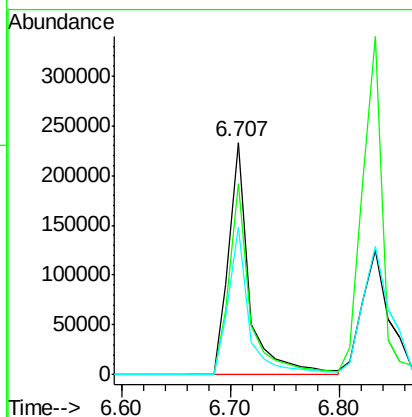
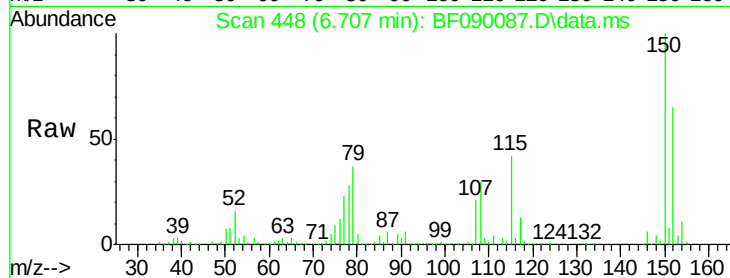




#15
Benzyl Alcohol
Concen: 46.54 ng
RT: 6.707 min Scan# 448
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

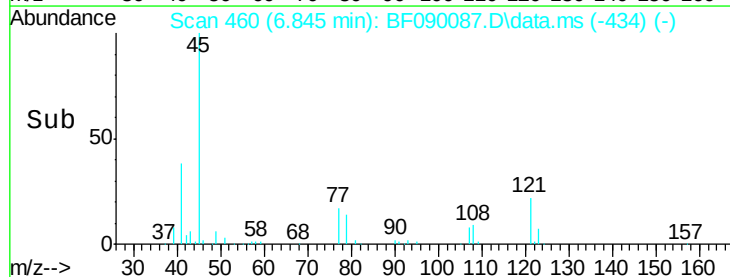
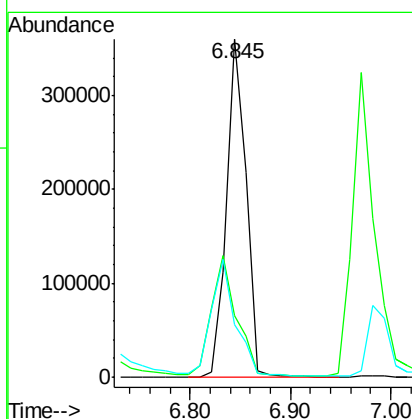
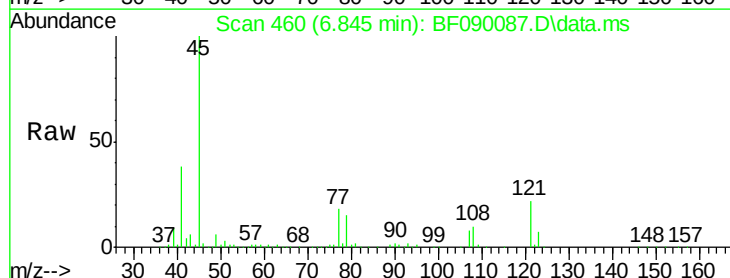
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

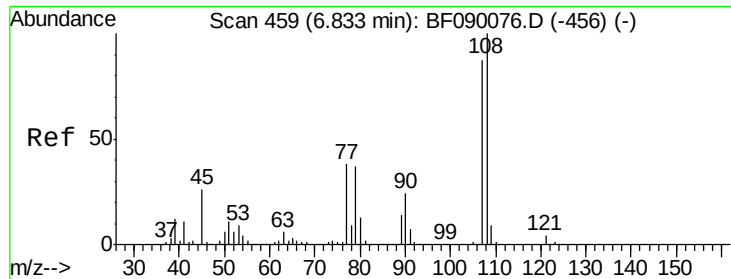
Tot Ion: 79 Resp: 309096
Ion Ratio Lower Upper
79 100
108 82.3 62.2 93.4
77 63.5 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.74 ng
RT: 6.845 min Scan# 460
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion: 45 Resp: 487332
Ion Ratio Lower Upper
45 100
77 18.3 0.5 40.5
79 15.4 0.0 37.0

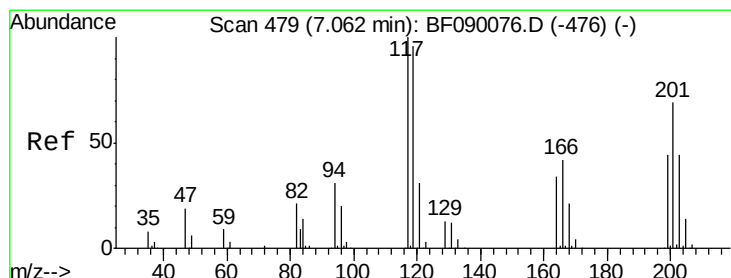
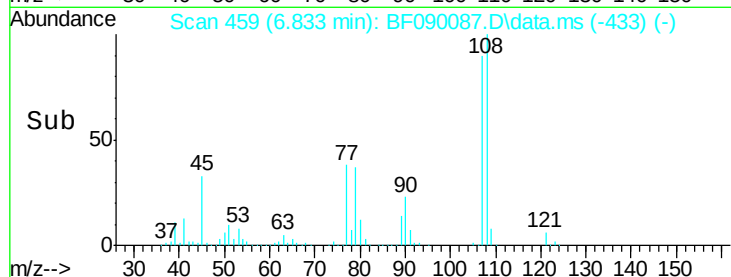
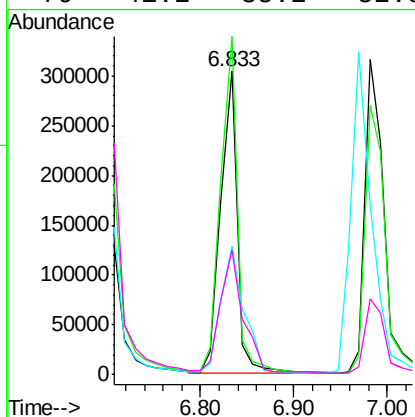
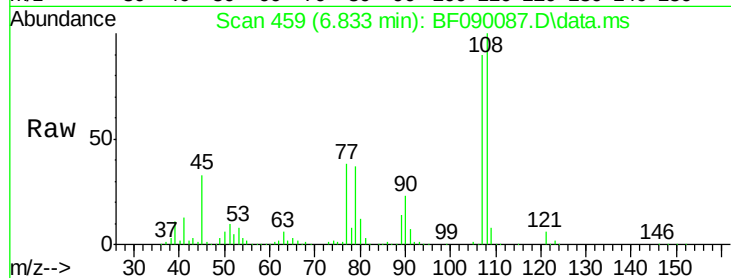




#17
2-Methylphenol
Concen: 44.29 ng
RT: 6.833 min Scan# 45
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

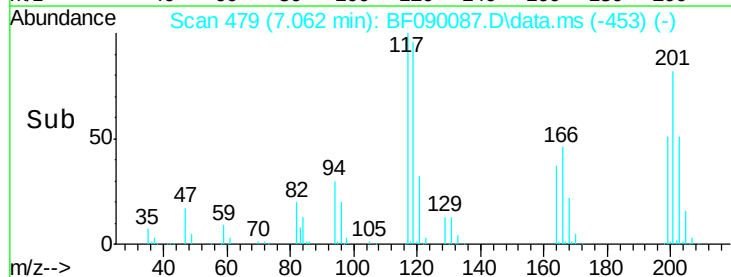
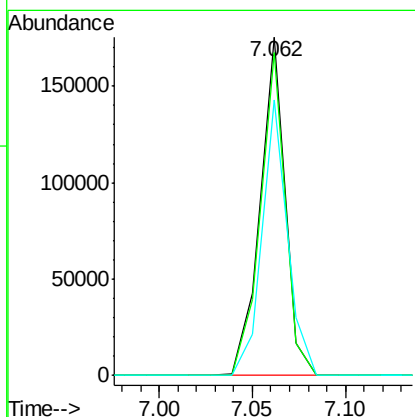
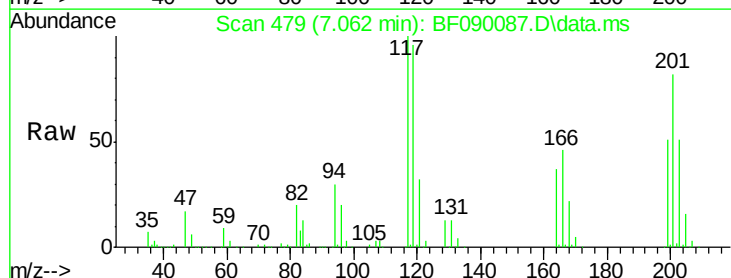
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

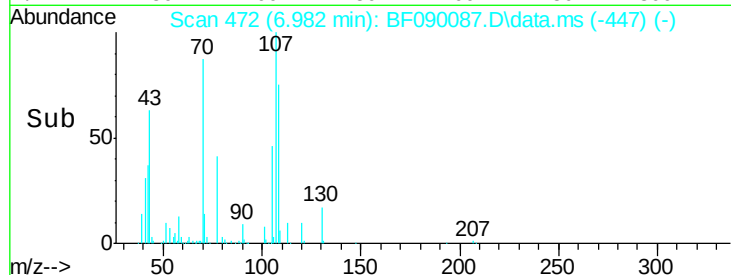
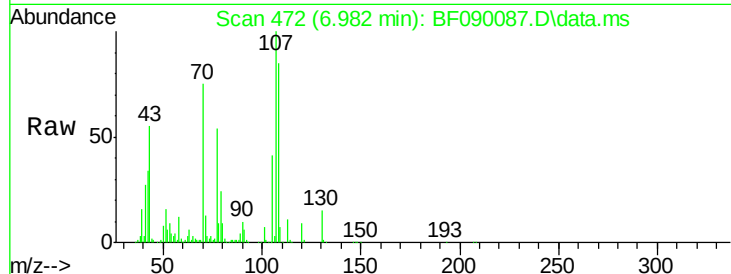
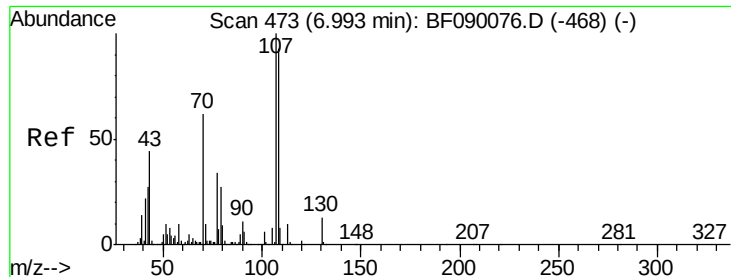
Tot Ion:	107	Resp:	375985
Ion	Ratio	Lower	Upper
107	100		
108	111.5	92.0	138.0
77	42.4	35.6	53.4
79	41.2	35.2	52.8



#18
Hexachloroethane
Concen: 40.28 ng
RT: 7.062 min Scan# 479
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion:	117	Resp:	161098
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
201	81.6	55.5	83.3

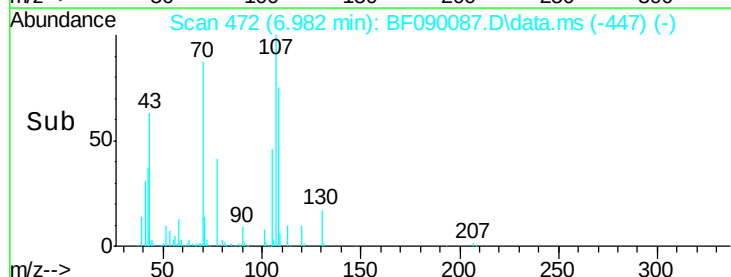
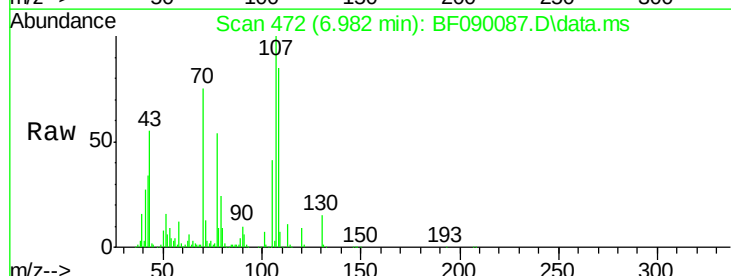
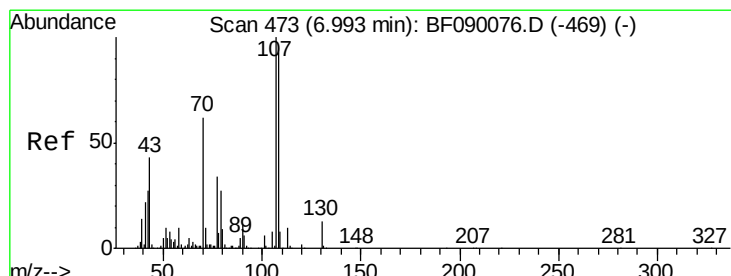
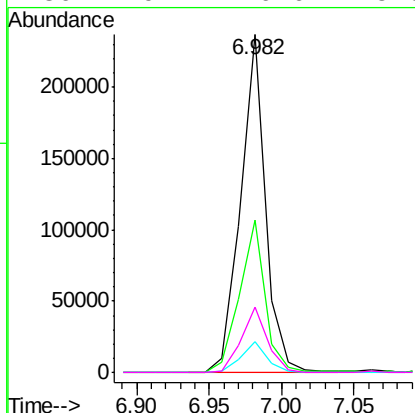




#19
n-Nitroso-di-n-propylamine
Concen: 38.37 ng
RT: 6.982 min Scan# 47
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

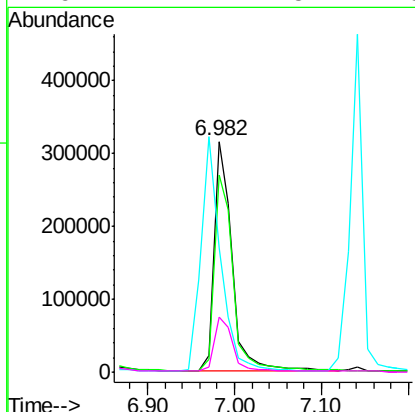
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

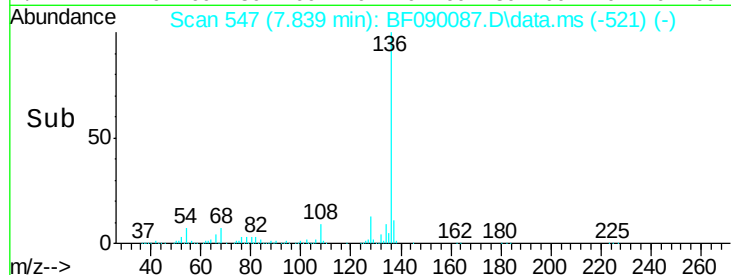
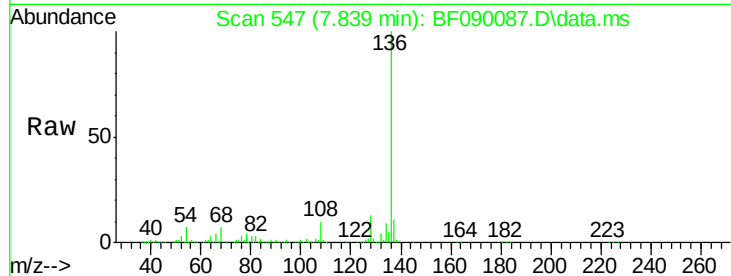
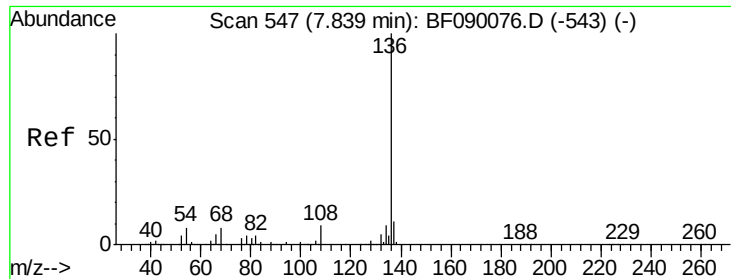
Tot Ion:	70	Resp:	281207
Ion	Ratio	Lower	Upper
70	100		
42	44.9	35.1	52.7
101	9.3	7.5	11.3
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.25 ng
RT: 6.982 min Scan# 472
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion:	107	Resp:	459499
Ion	Ratio	Lower	Upper
107	100		
108	85.4	73.3	113.3
77	53.5	14.1	54.1
79	24.1	7.5	47.5

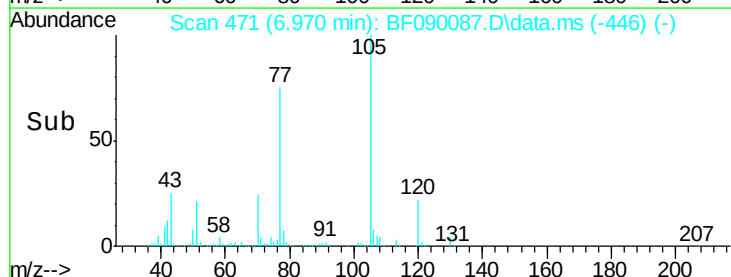
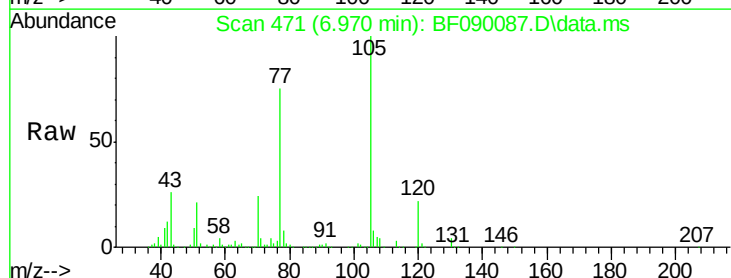
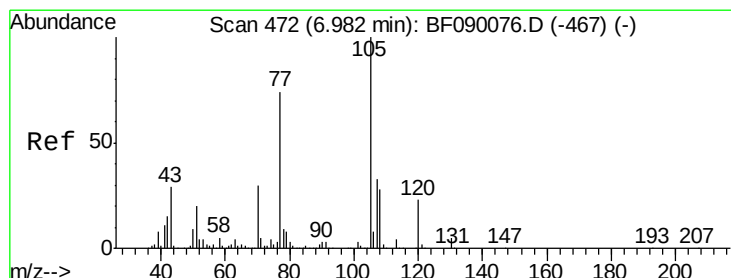
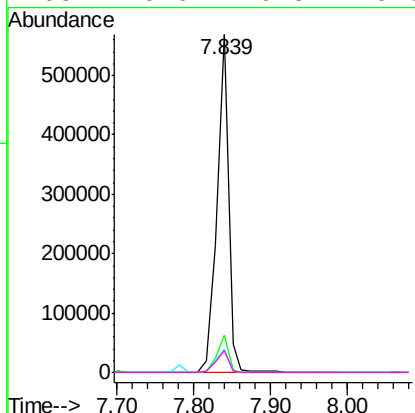




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

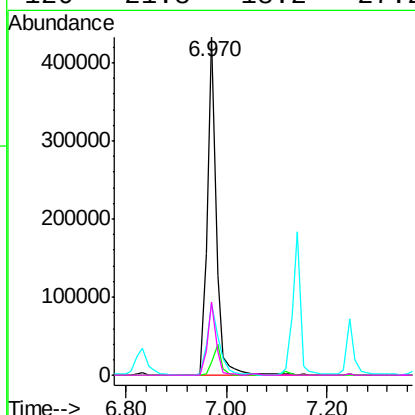
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

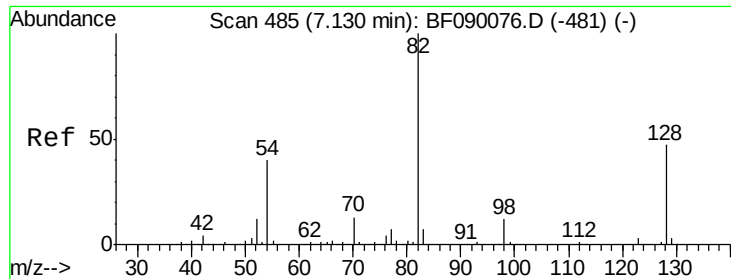
Tot Ion:	136	Resp:	595951
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	6.7	6.4	9.6
68	6.6	6.3	9.5



#22
Acetophenone
Concen: 37.49 ng
RT: 6.970 min Scan# 471
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion:	105	Resp:	540895
Ion Ratio	Lower	Upper	
105	100		
71	3.9	4.1	6.1#
51	21.3	16.2	24.2
120	21.8	18.2	27.2

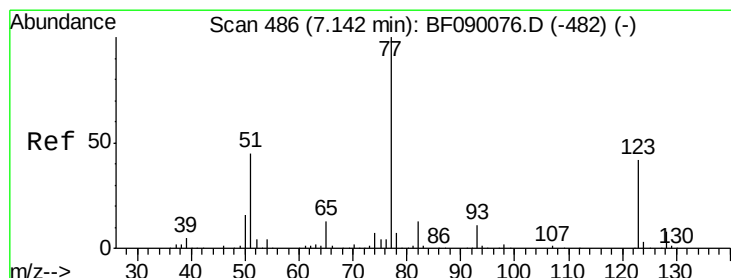
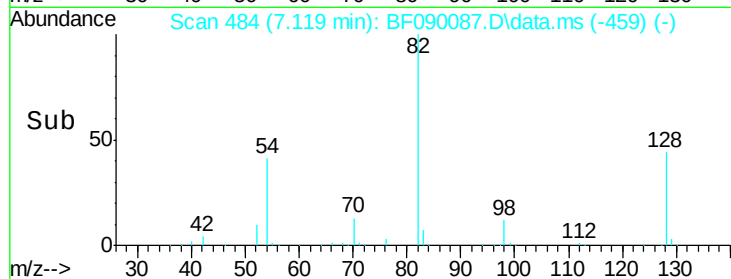
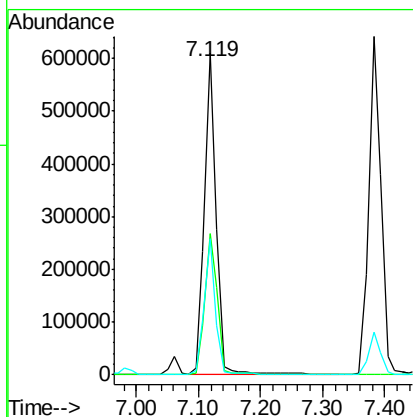
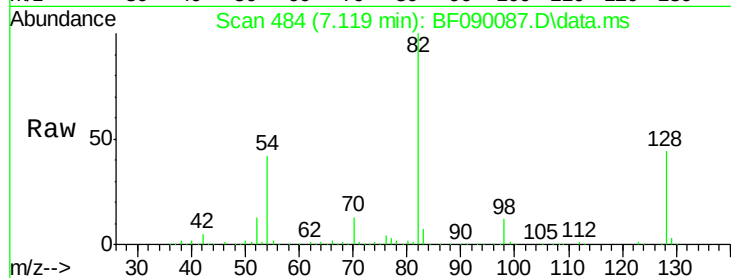




#23
Nitrobenzene-d5
Concen: 77.07 ng
RT: 7.119 min Scan# 481
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

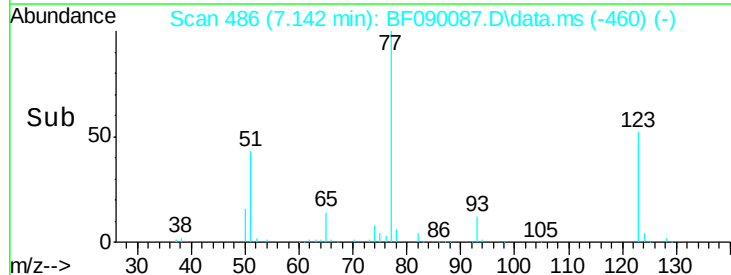
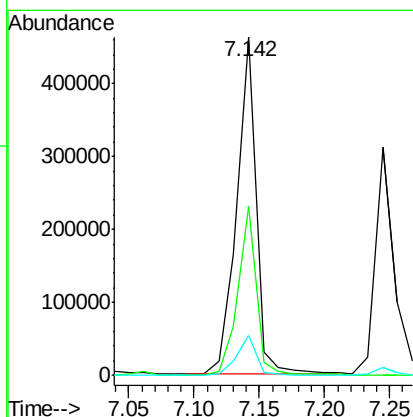
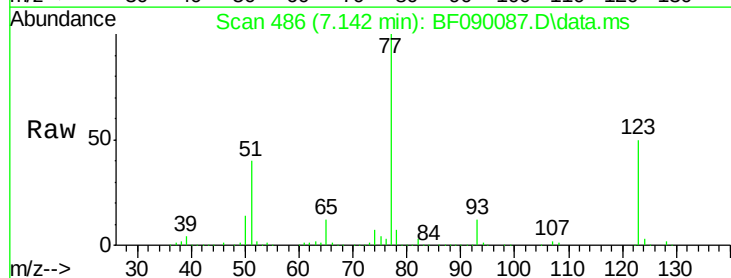
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

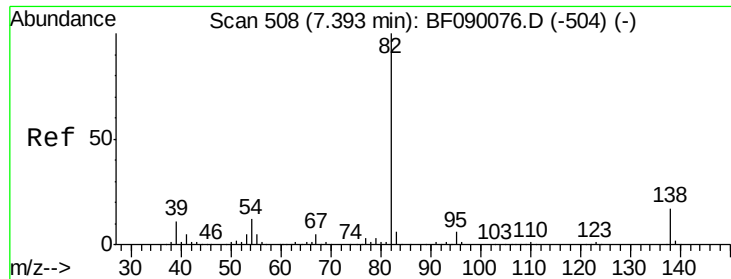
Tot Ion	82	Resp	816838
Ion Ratio	100	Lower	Upper
128	43.9	37.5	56.3
54	42.4	31.9	47.9



#24
Nitrobenzene
Concen: 42.17 ng
RT: 7.142 min Scan# 486
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	77	Resp	470822
Ion Ratio	100	Lower	Upper
123	49.9	33.4	50.2
65	11.9	10.1	15.1





#25

Isophorone

Concen: 38.86 ng

RT: 7.382 min Scan# 50

Delta R.T. -0.011 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

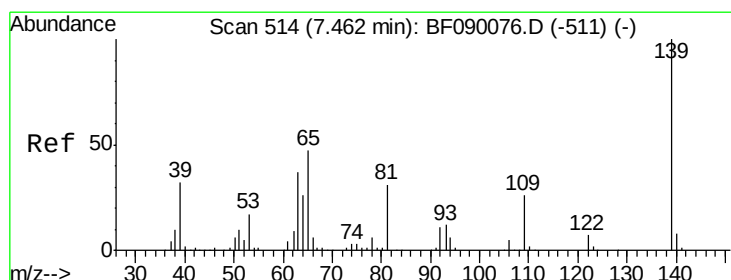
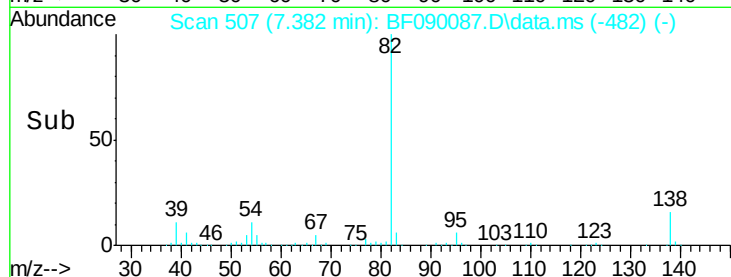
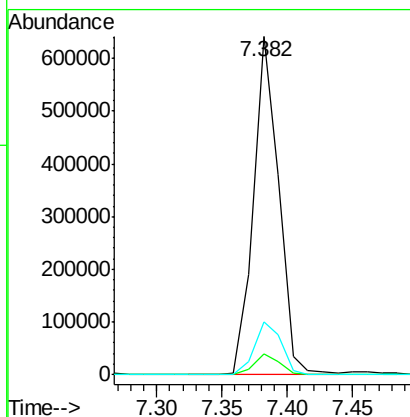
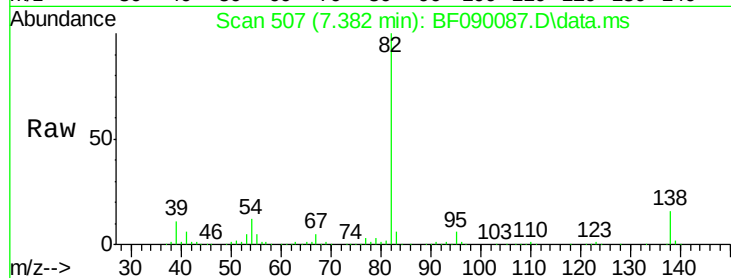
Tot Ion: 82 Resp: 862539

Ion Ratio Lower Upper

82 100

95 6.0 5.1 7.7

138 15.6 13.5 20.3



#26

2-Nitrophenol

Concen: 43.53 ng

RT: 7.462 min Scan# 514

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

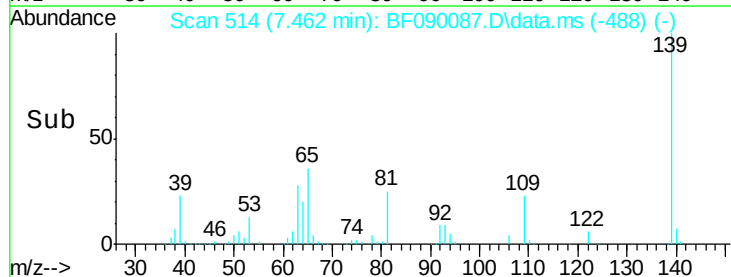
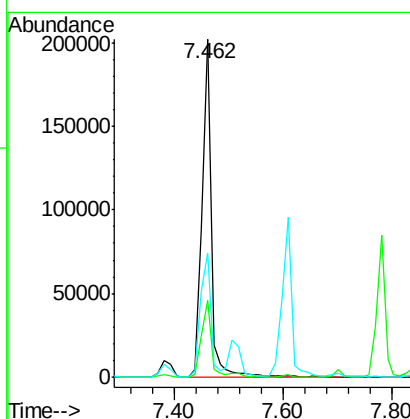
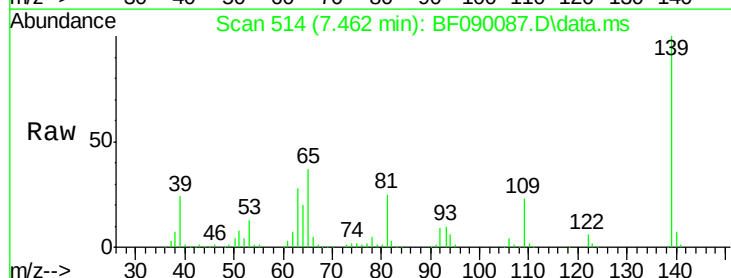
Tgt Ion: 139 Resp: 235633

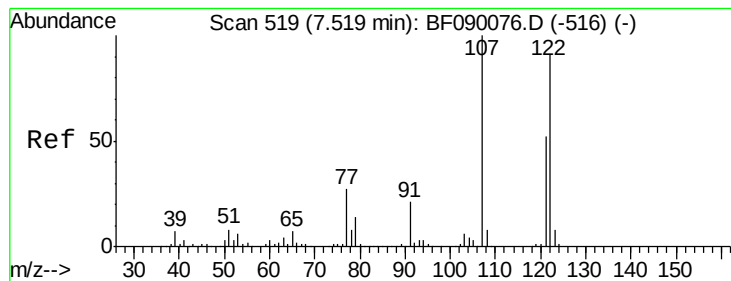
Ion Ratio Lower Upper

139 100

109 22.9 20.5 30.7

65 36.7 37.9 56.9#

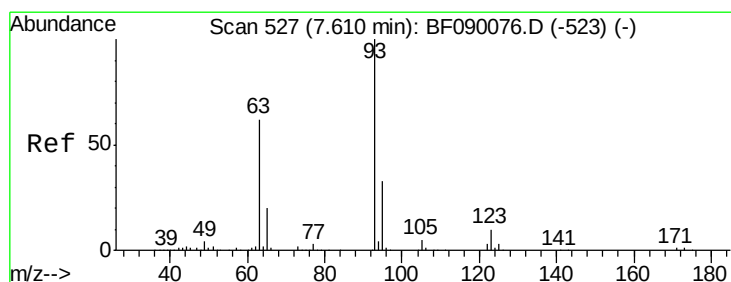
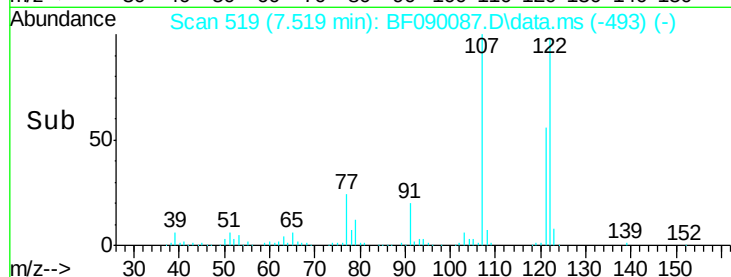
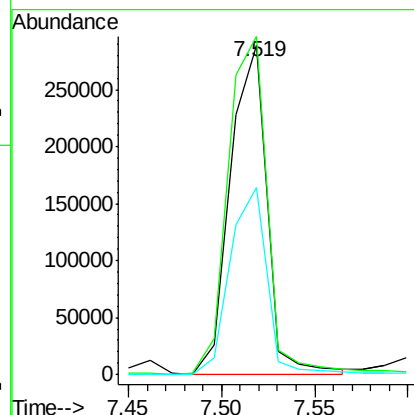
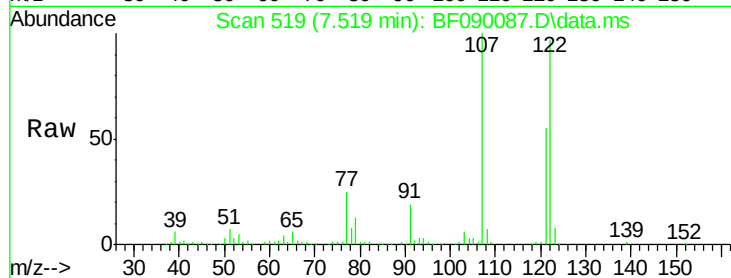




#27
 2,4-Dimethylphenol
 Concen: 41.72 ng
 RT: 7.519 min Scan# 519
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

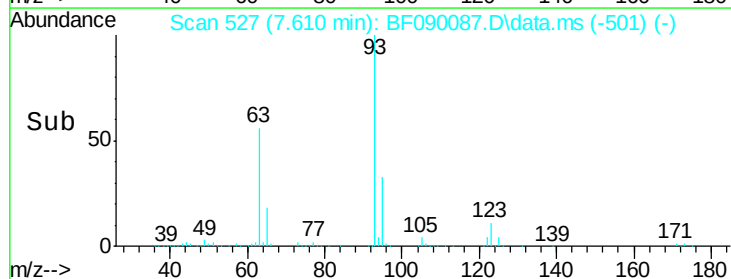
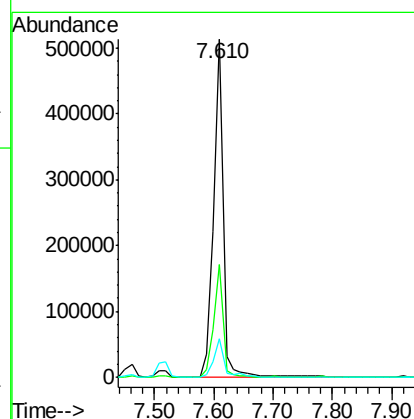
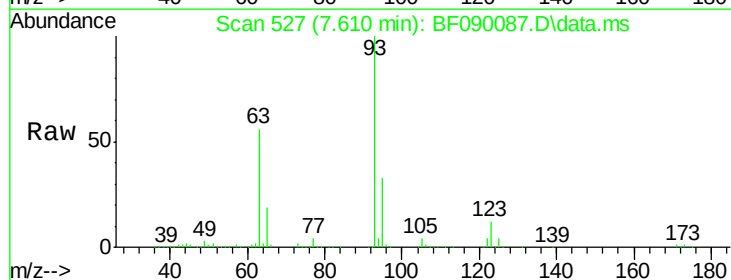
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

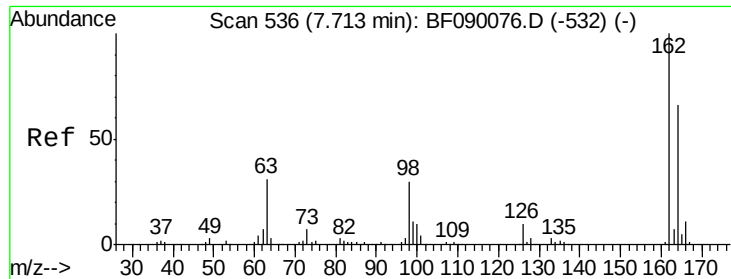
Tot Ion:122 Resp: 397383
 Ion Ratio Lower Upper
 122 100
 107 102.7 87.8 131.6
 121 56.7 45.7 68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.33 ng
 RT: 7.610 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion: 93 Resp: 577046
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.8 40.2
 123 11.6 8.5 12.7

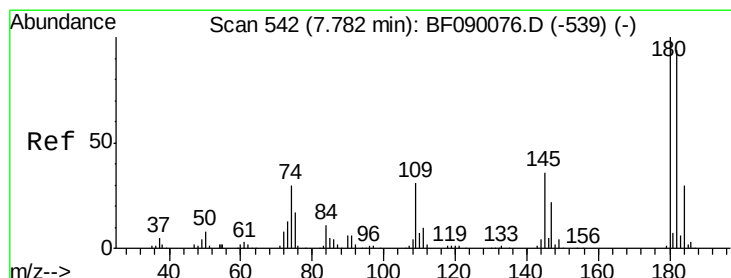
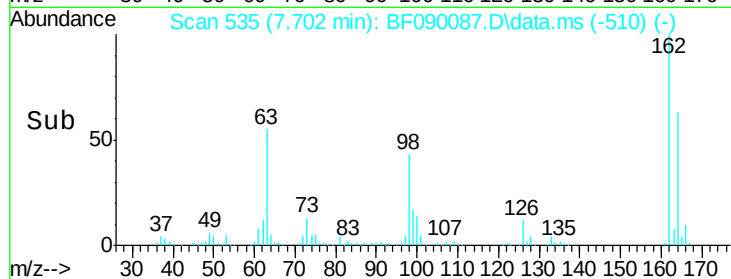
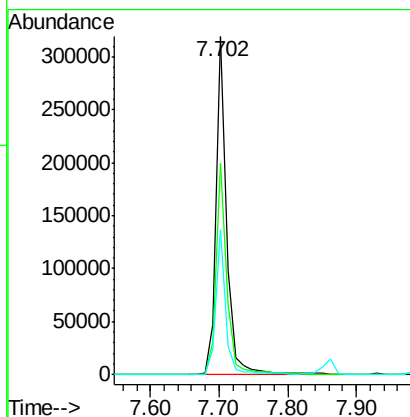
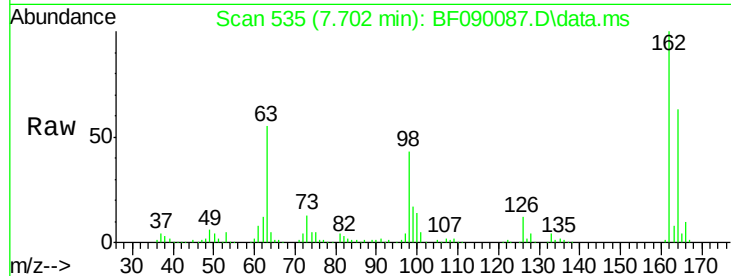




#29
 2,4-Dichlorophenol
 Concen: 41.65 ng
 RT: 7.702 min Scan# 53
 Delta R.T. -0.011 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

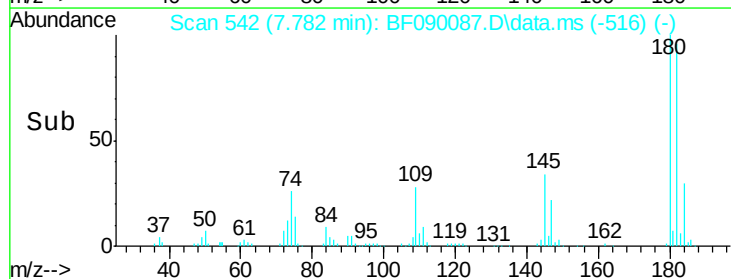
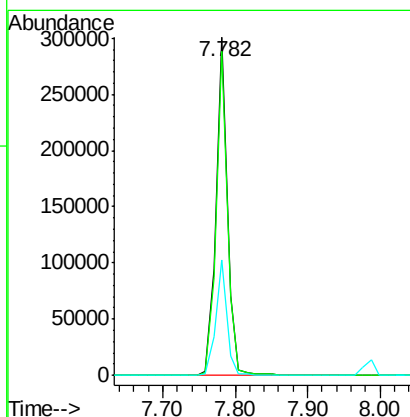
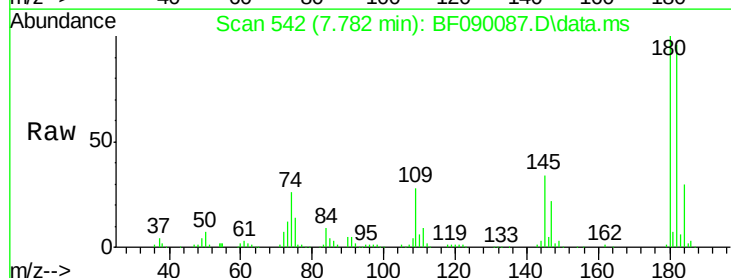
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

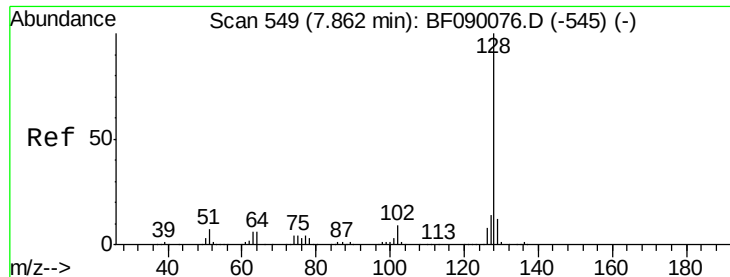
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.2	86.2
98	42.7	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.82 ng
 RT: 7.782 min Scan# 542
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.0	112.6
145	34.3	28.6	42.8





#31

Naphthalene

Concen: 44.05 ng

RT: 7.862 min Scan# 54

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

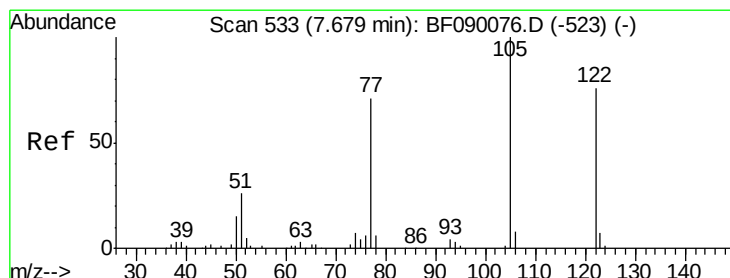
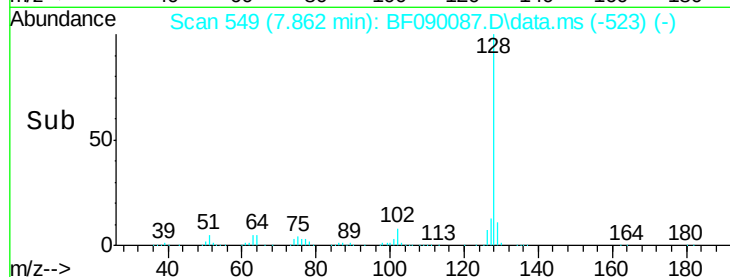
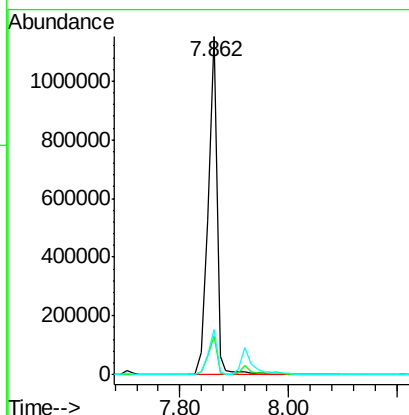
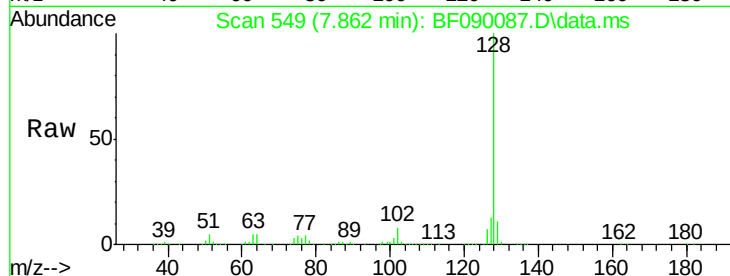
Tot Ion:128 Resp: 1290498

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 18.61 ng

RT: 7.645 min Scan# 530

Delta R.T. -0.033 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

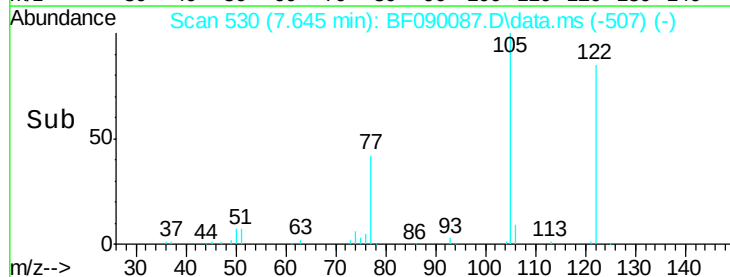
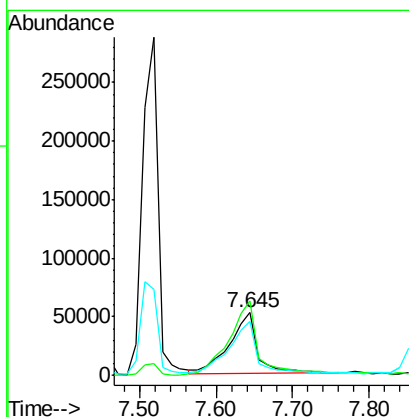
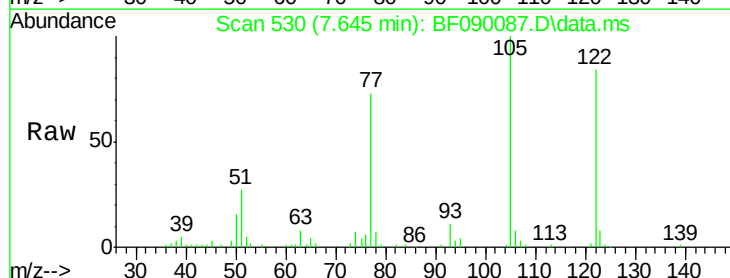
Tgt Ion:122 Resp: 136934

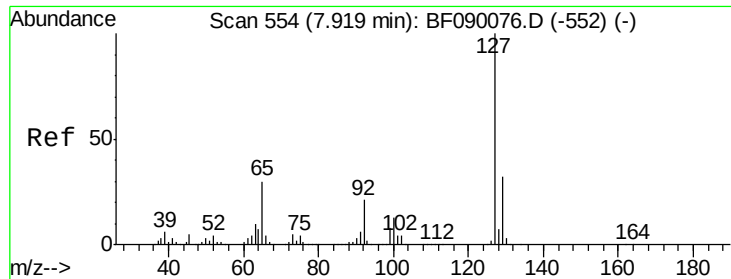
Ion Ratio Lower Upper

122 100

105 119.4 105.0 145.0

77 86.8 70.4 110.4





#33

4-Chloroaniline

Concen: 10.98 ng

RT: 7.919 min Scan# 55

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

Tot Ion:127 Resp: 136852

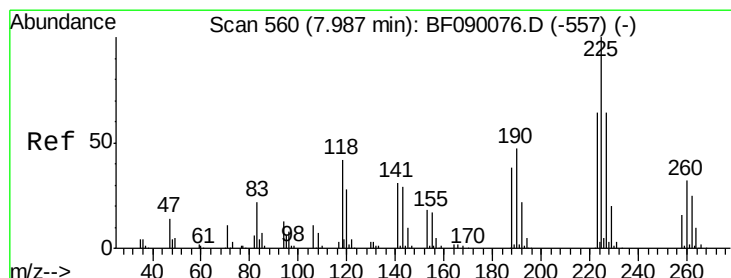
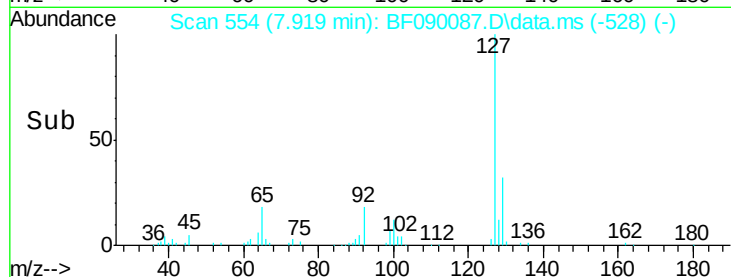
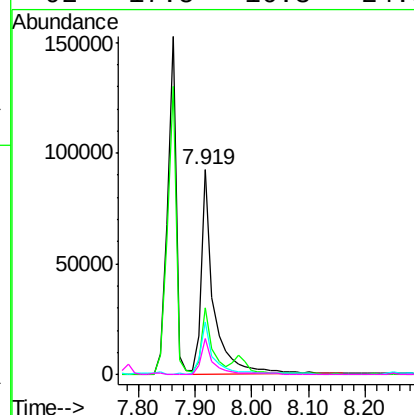
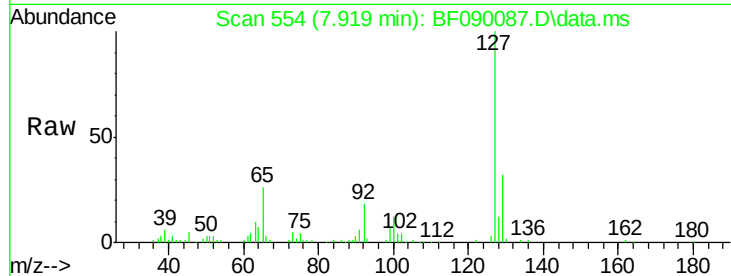
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.6

65 25.7 24.1 36.1

92 17.5 16.3 24.5



#34

Hexachlorobutadiene

Concen: 41.28 ng

RT: 7.987 min Scan# 560

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

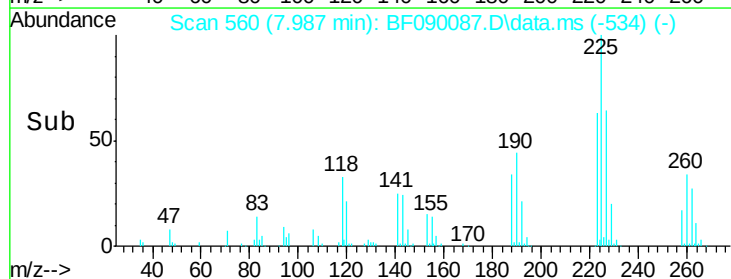
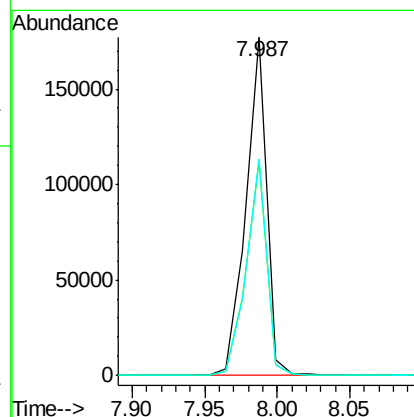
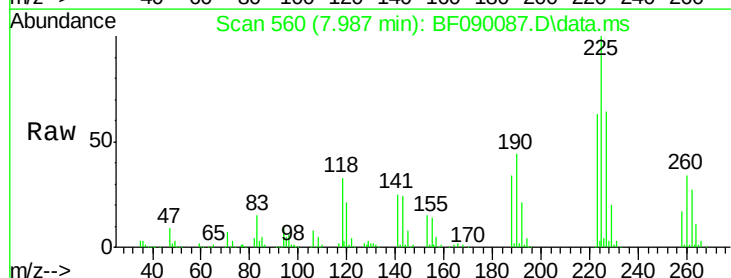
Tgt Ion:225 Resp: 175476

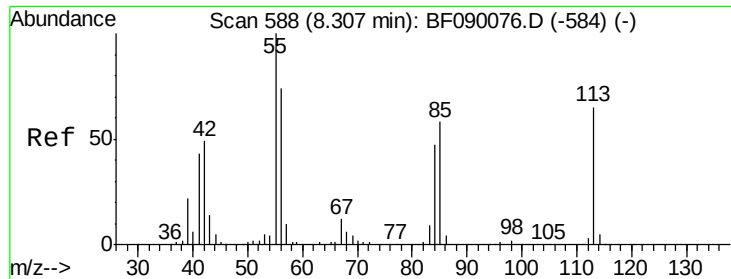
Ion Ratio Lower Upper

225 100

223 63.3 51.3 76.9

227 63.9 51.4 77.0





#35

Caprolactam

Concen: 25.55 ng

RT: 8.285 min Scan# 58

Delta R.T. -0.023 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

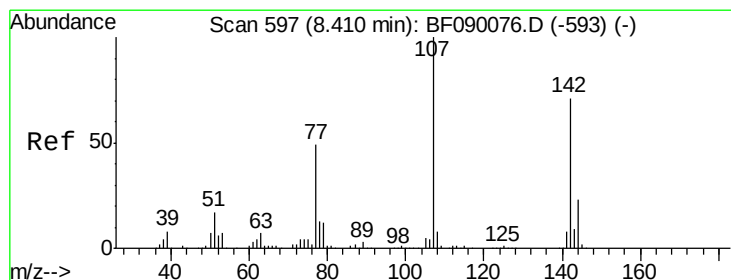
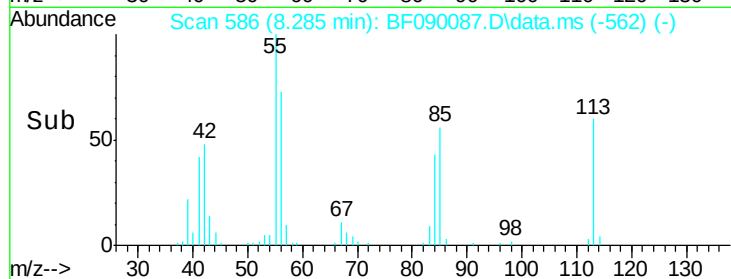
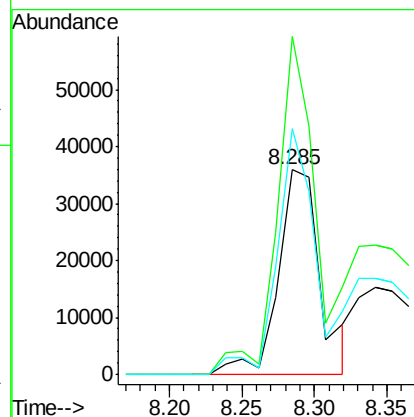
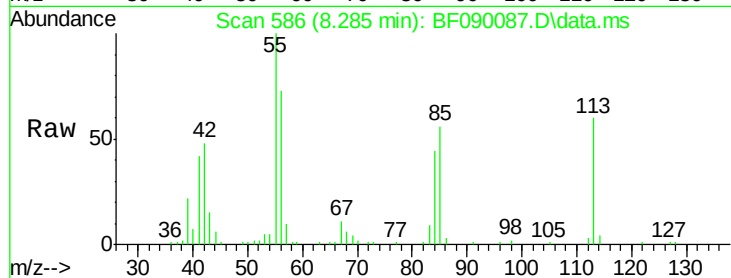
Tot Ion:113 Resp: 71794

Ion Ratio Lower Upper

113 100

55 165.4 134.5 174.5

56 120.2 93.7 133.7



#36

4-Chloro-3-methylphenol

Concen: 40.82 ng

RT: 8.410 min Scan# 597

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

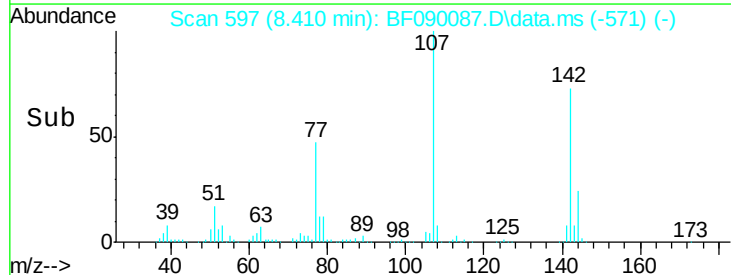
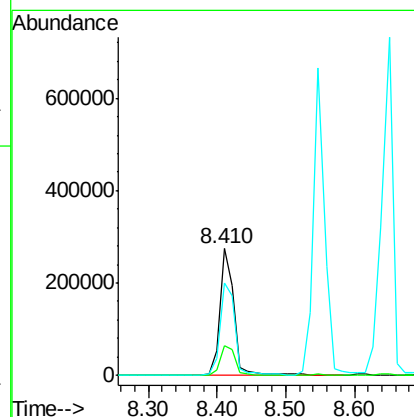
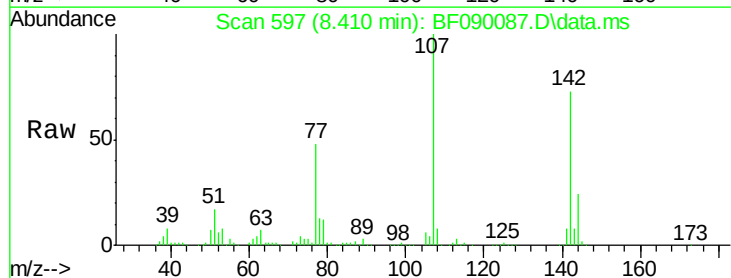
Tgt Ion:107 Resp: 398716

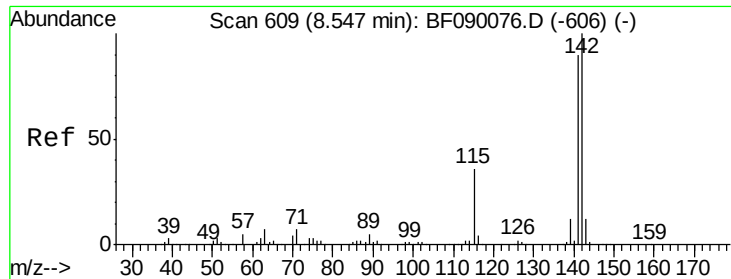
Ion Ratio Lower Upper

107 100

144 23.5 18.6 27.8

142 73.4 57.0 85.6

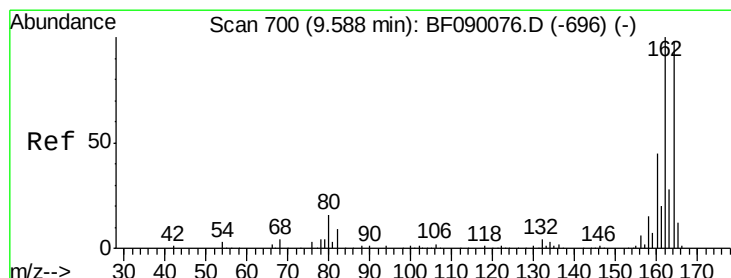
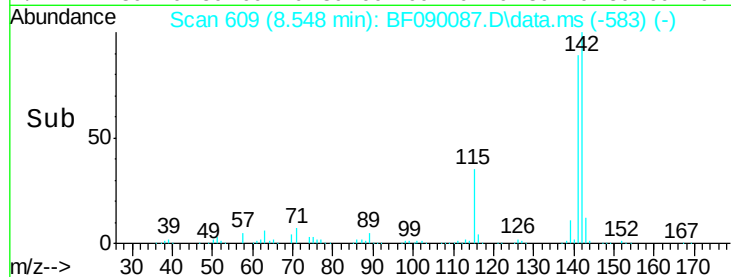
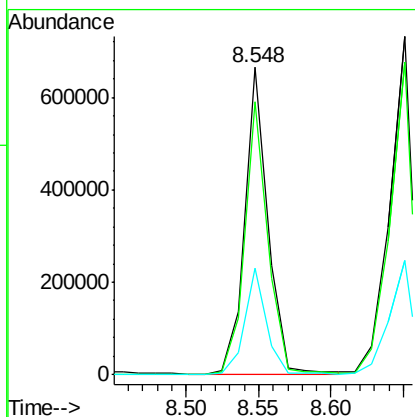
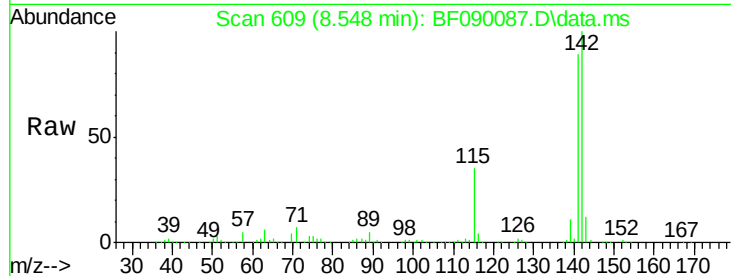




#37
 2-Methylnaphthalene
 Concen: 40.65 ng
 RT: 8.548 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

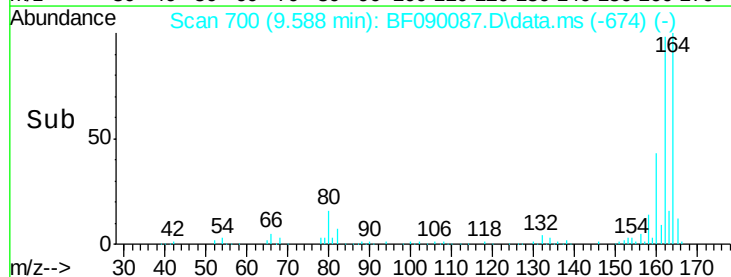
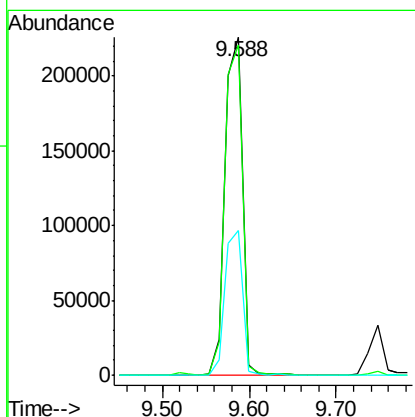
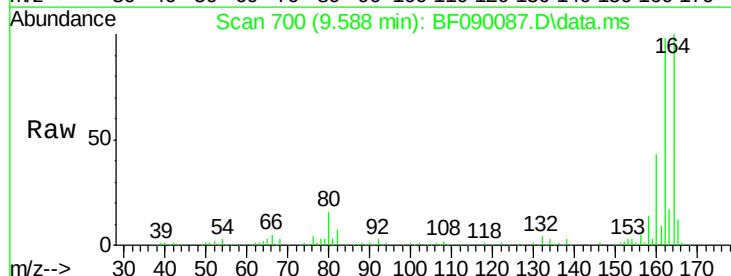
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

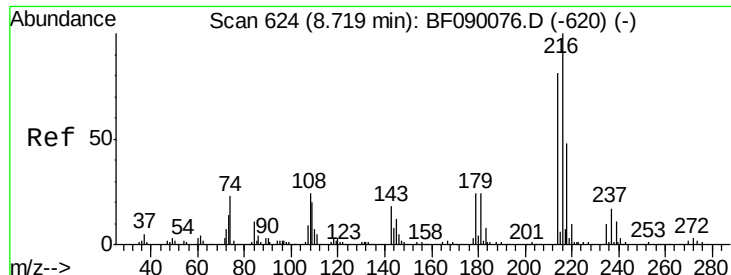
Tot Ion:142	Resp:	738486
Ion Ratio	Lower	Upper
142	100	
141	88.8	71.4 107.2
115	34.5	28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.588 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:164	Resp:	317474
Ion Ratio	Lower	Upper
164	100	
162	97.7	81.4 122.2
160	42.7	36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.89 ng

RT: 8.719 min Scan# 62

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

Tot Ion:216 Resp: 268462

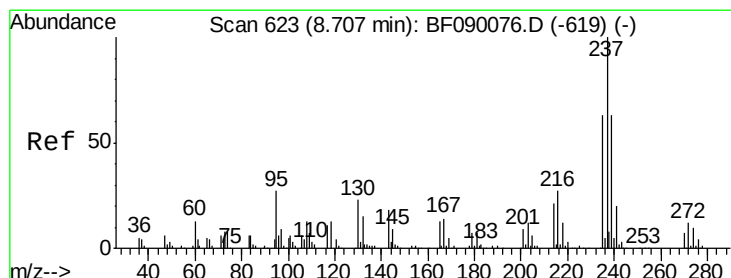
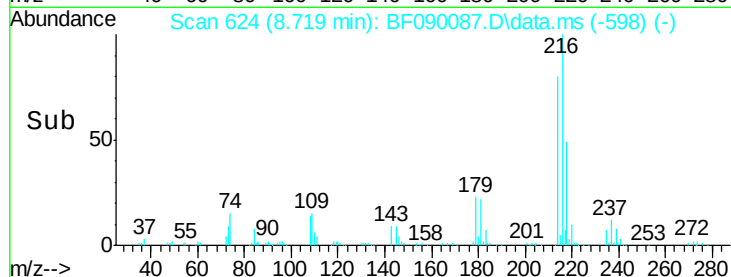
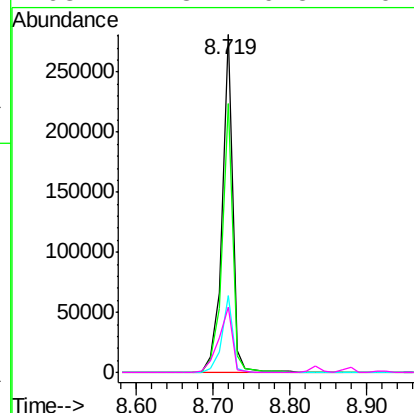
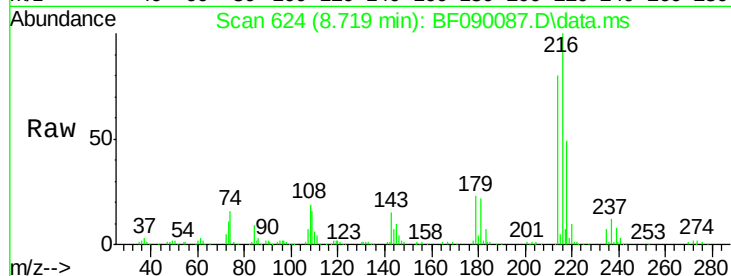
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 22.7 18.5 27.7

108 24.8 19.5 29.3



#40

Hexachlorocyclopentadiene

Concen: 71.11 ng

RT: 8.708 min Scan# 623

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

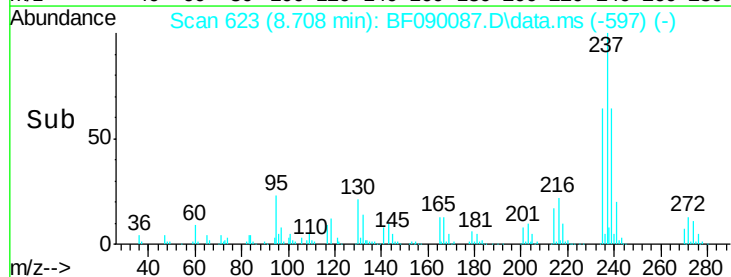
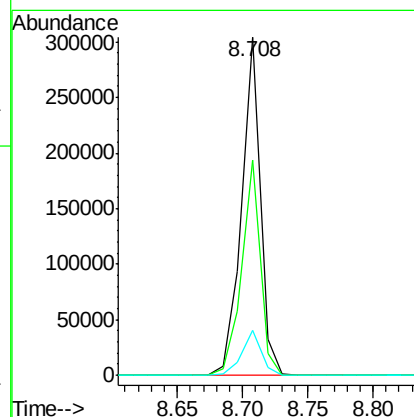
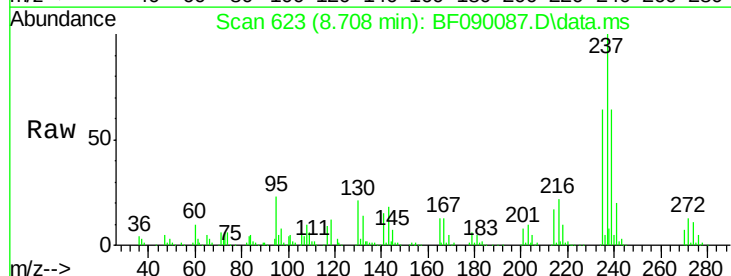
Tgt Ion:237 Resp: 301675

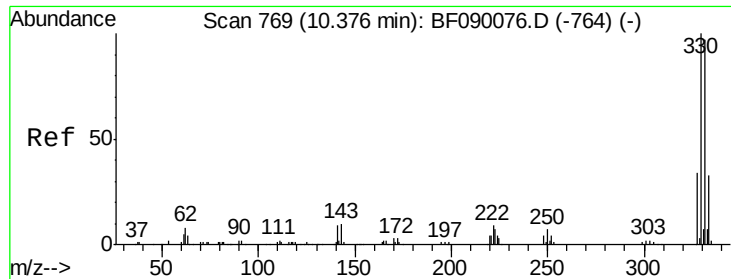
Ion Ratio Lower Upper

237 100

235 63.8 42.5 82.5

272 13.2 0.0 32.0

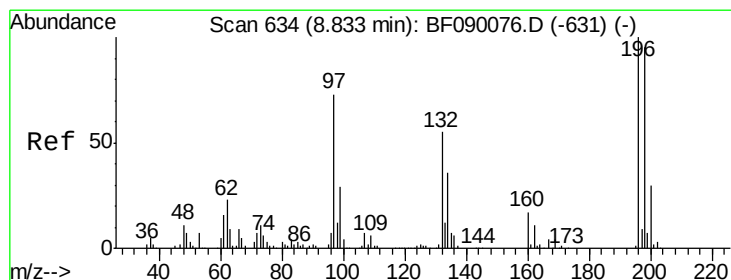
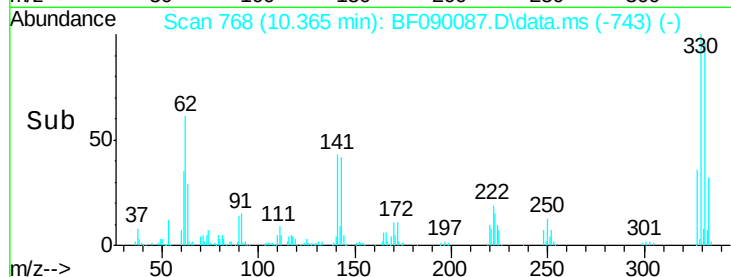
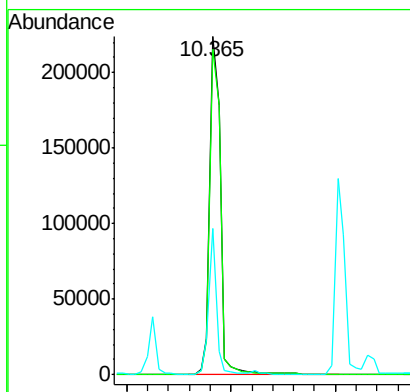
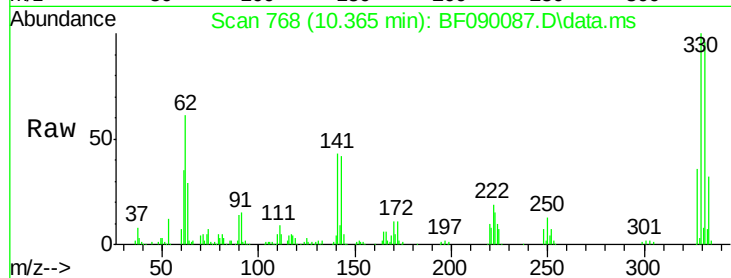




#41
 2,4,6-Tribromophenol
 Concen: 99.25 ng
 RT: 10.365 min Scan# 76
 Delta R.T. -0.011 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

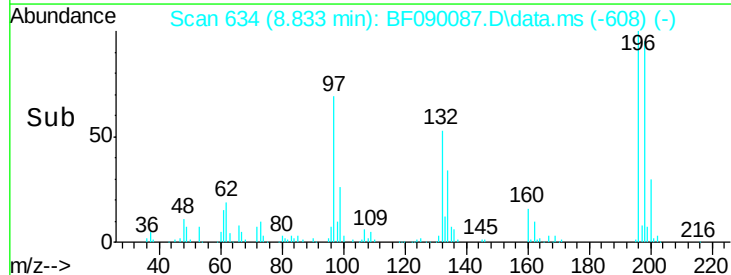
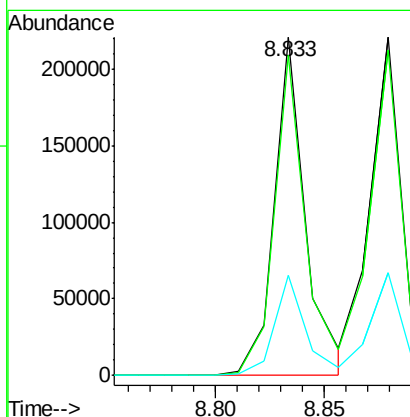
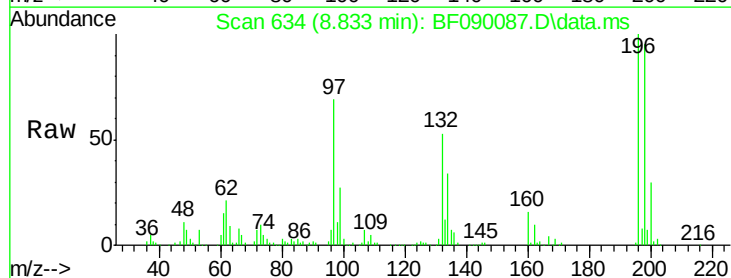
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

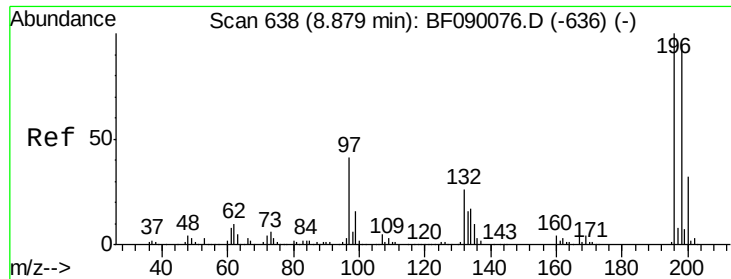
Tot Ion:330 Resp: 316504
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.1 117.1
 141 30.6 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.56 ng
 RT: 8.833 min Scan# 634
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:196 Resp: 222231
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 29.6 24.1 36.1

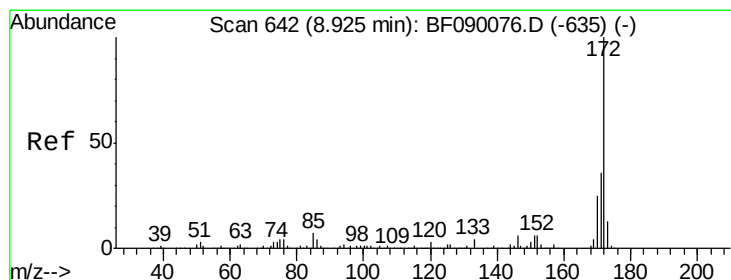
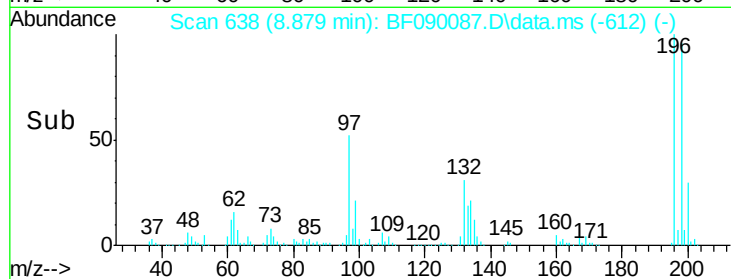
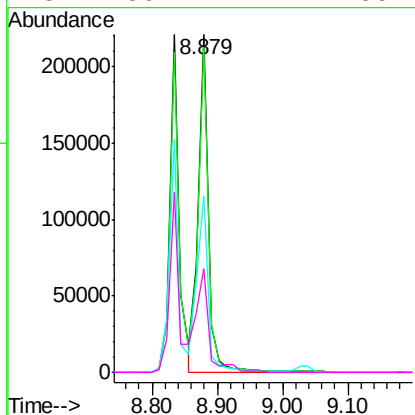
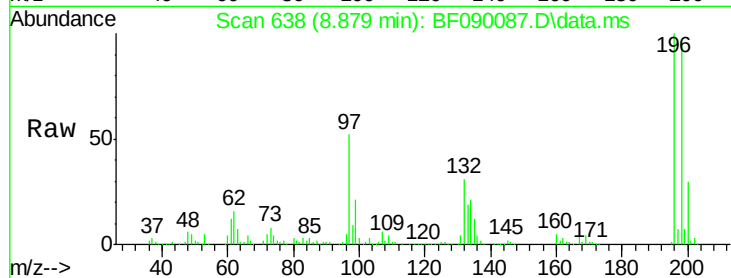




#43
 2,4,5-Trichlorophenol
 Concen: 37.00 ng
 RT: 8.879 min Scan# 638
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

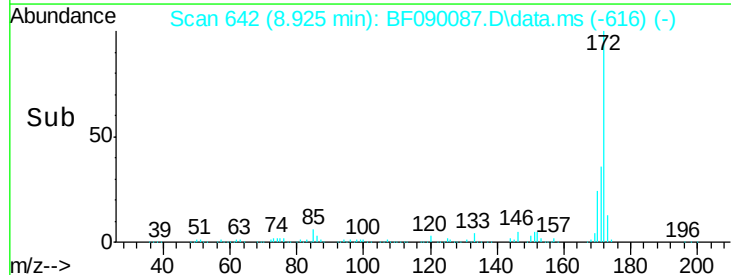
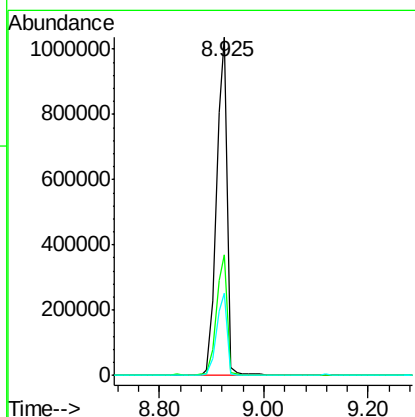
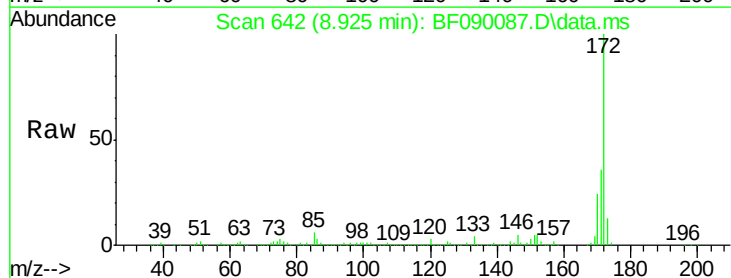
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

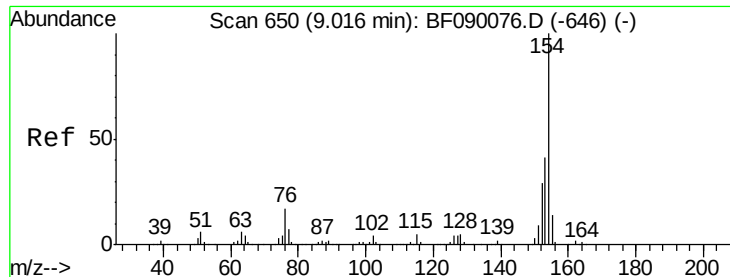
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.6	114.8
97	52.2	34.4	51.6
132	30.7	22.2	33.2



#44
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 8.925 min Scan# 642
 Delta R.T. 0.001 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.2	19.8	29.8

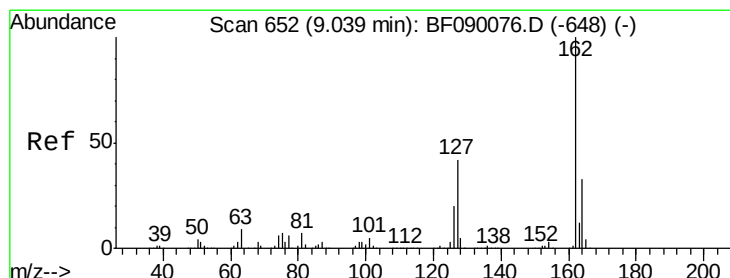
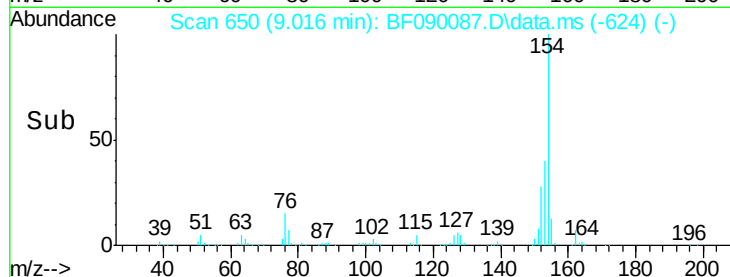
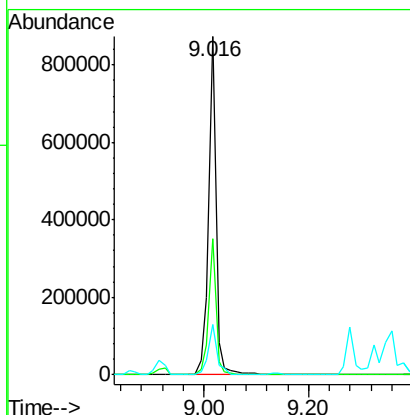
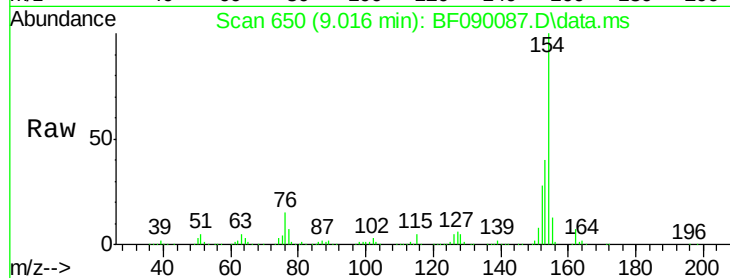




#45
 1,1'-Biphenyl
 Concen: 32.76 ng
 RT: 9.016 min Scan# 650
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

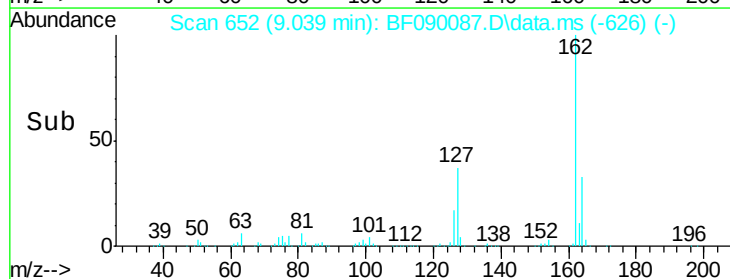
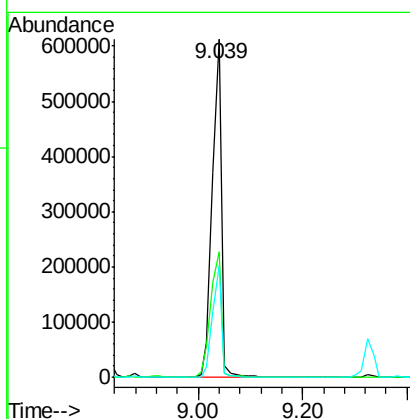
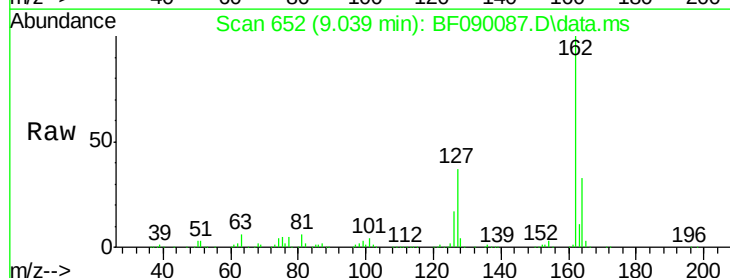
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

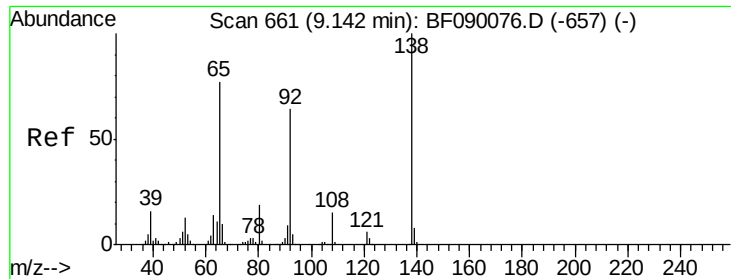
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	14.6	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 39.28 ng
 RT: 9.039 min Scan# 652
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	34.0	51.0
164	33.0	26.8	40.2

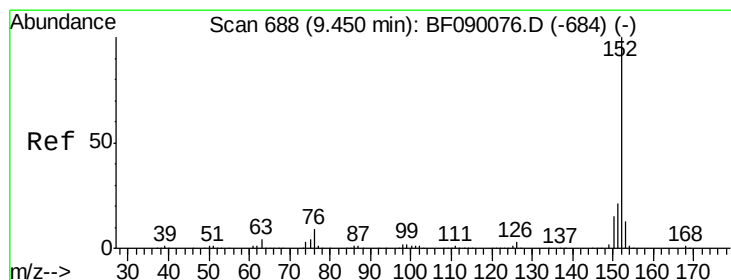
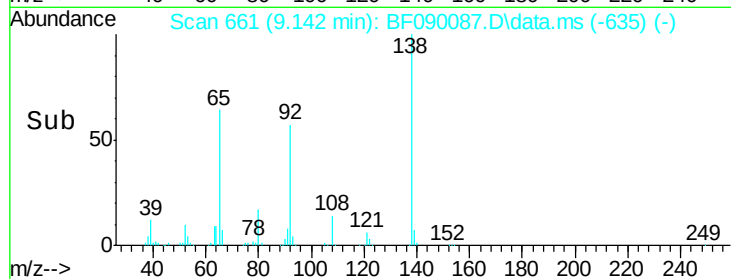
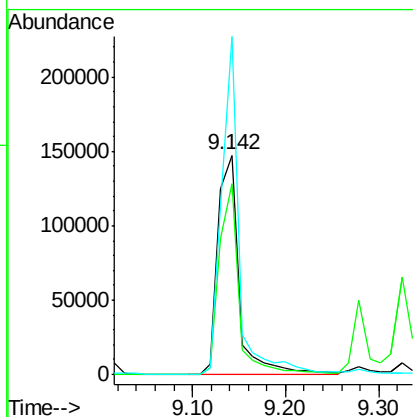
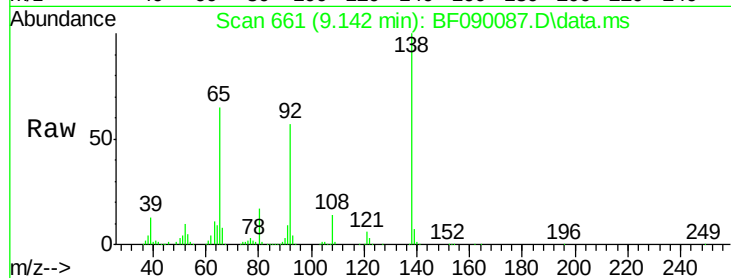




#47
2-Nitroaniline
Concen: 37.78 ng
RT: 9.142 min Scan# 661
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

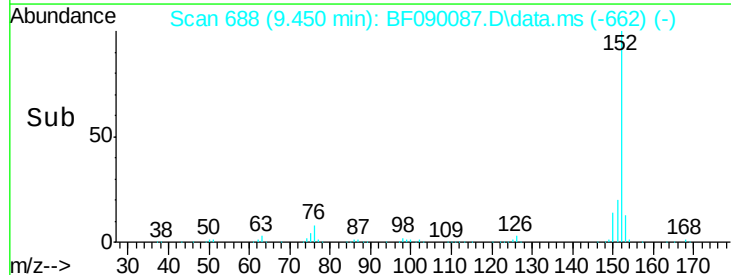
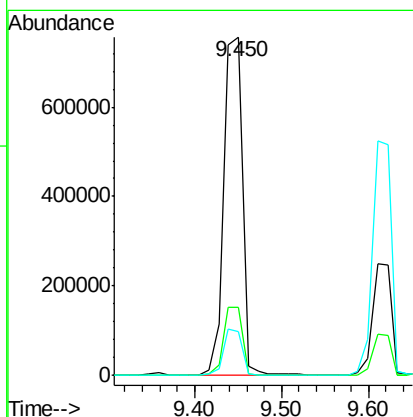
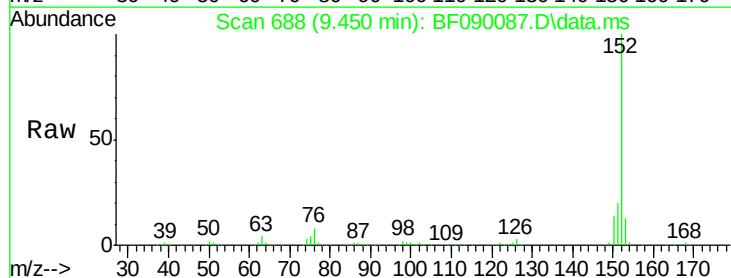
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

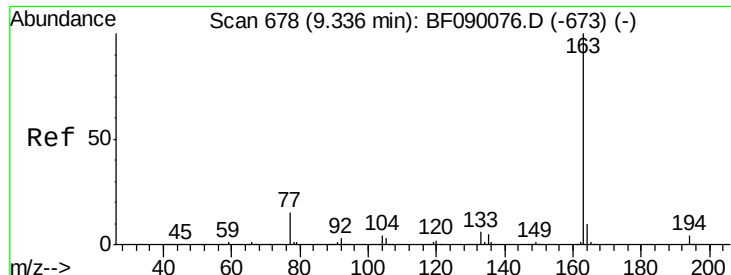
Tot Ion: 65 Resp: 232184
Ion Ratio Lower Upper
65 100
92 87.2 66.1 99.1
138 154.3 104.1 156.1



#48
Acenaphthylene
Concen: 35.31 ng
RT: 9.450 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion: 152 Resp: 1141485
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 12.7 10.6 15.8





#49

Dimethylphthalate

Concen: 35.61 ng

RT: 9.325 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

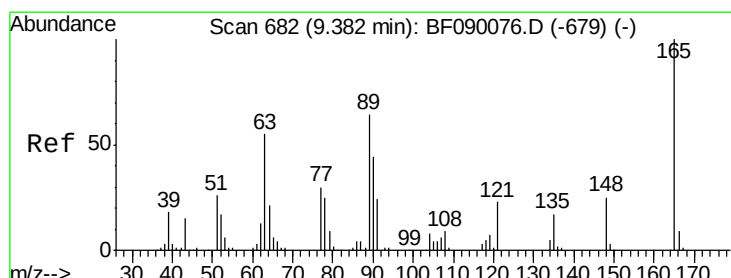
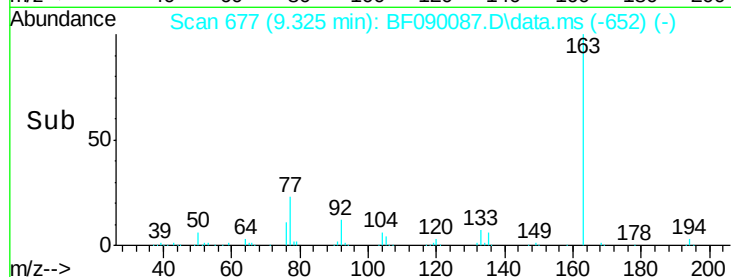
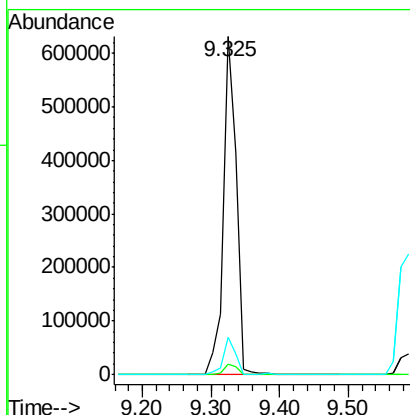
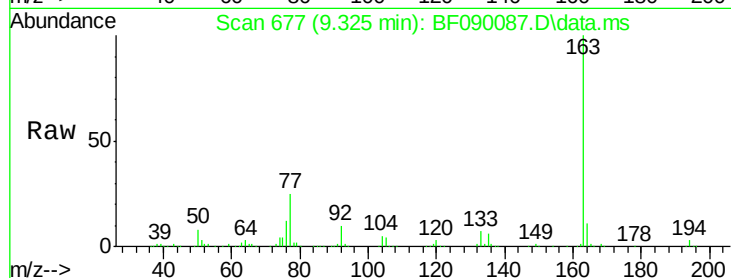
Tot Ion:163 Resp: 839813

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

164 11.0 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 35.01 ng

RT: 9.382 min Scan# 682

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

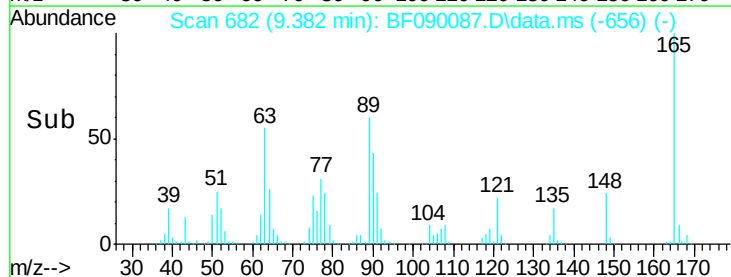
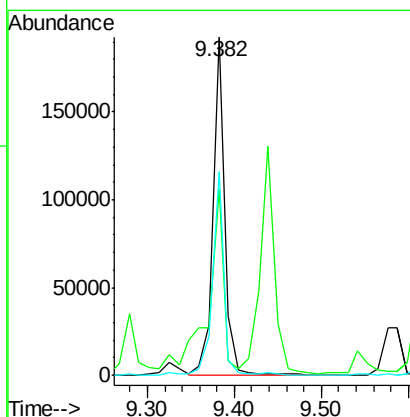
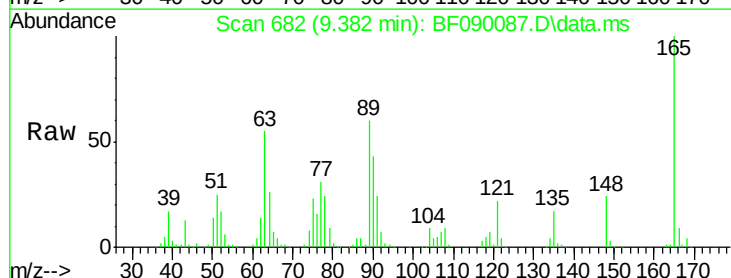
Tgt Ion:165 Resp: 184497

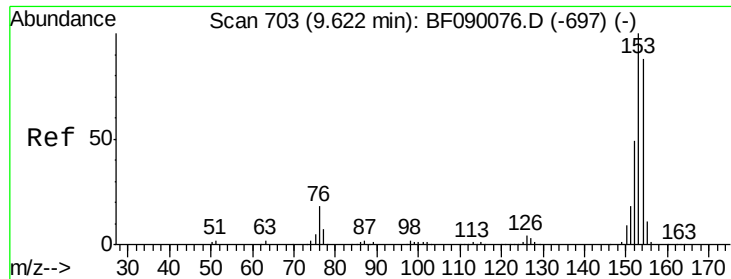
Ion Ratio Lower Upper

165 100

63 54.9 49.9 74.9

89 60.2 51.0 76.4





#51

Acenaphthene

Concen: 38.84 ng

RT: 9.611 min Scan# 70

Delta R.T. -0.011 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

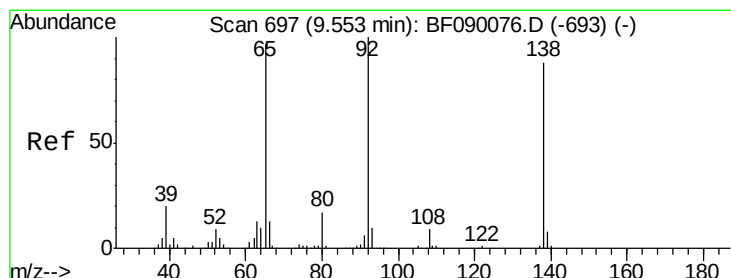
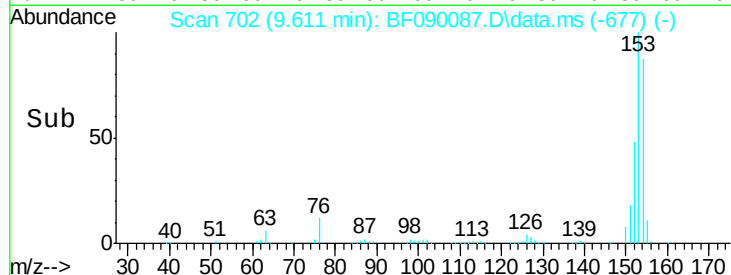
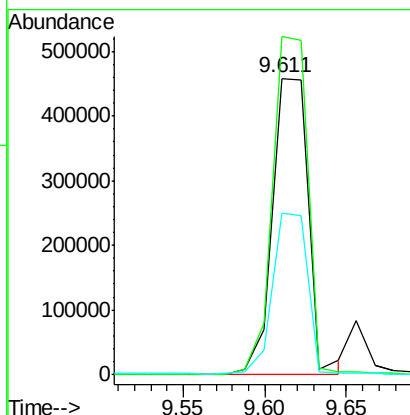
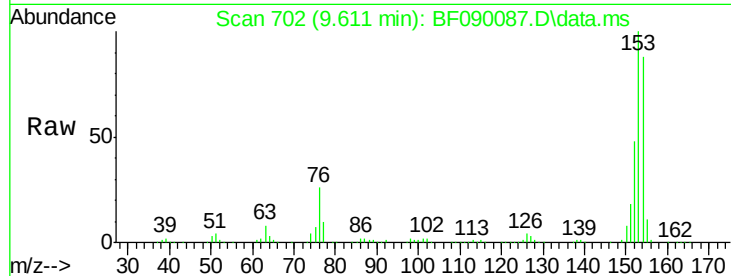
Tot Ion:154 Resp: 701254

Ion Ratio Lower Upper

154 100

153 114.2 90.8 136.2

152 54.4 44.2 66.4



#52

3-Nitroaniline

Concen: 17.82 ng

RT: 9.542 min Scan# 696

Delta R.T. -0.011 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

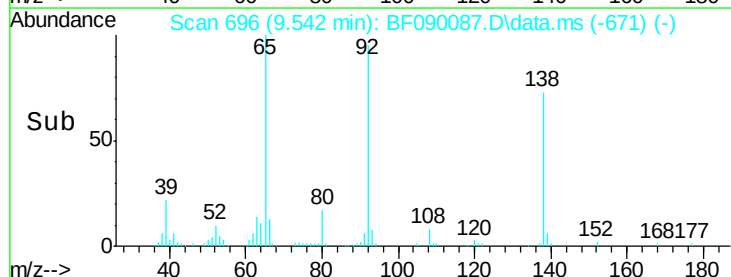
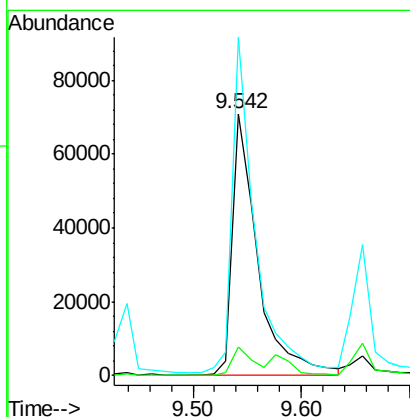
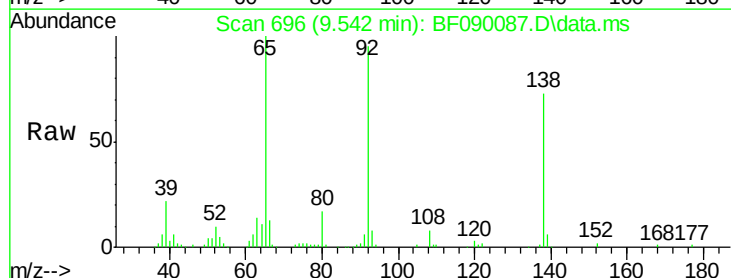
Tgt Ion:138 Resp: 114280

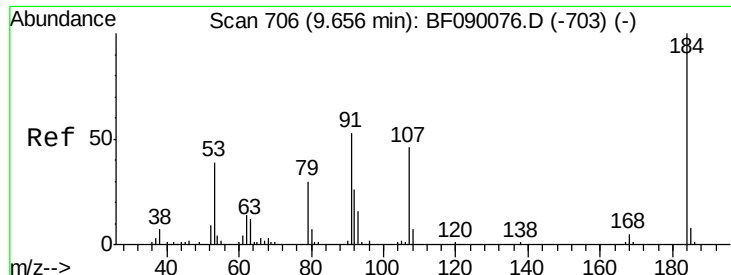
Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

92 129.4 90.7 136.1

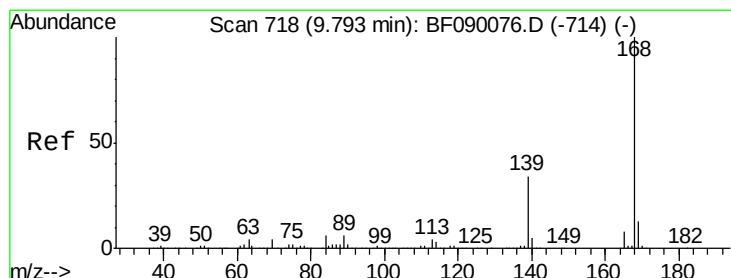
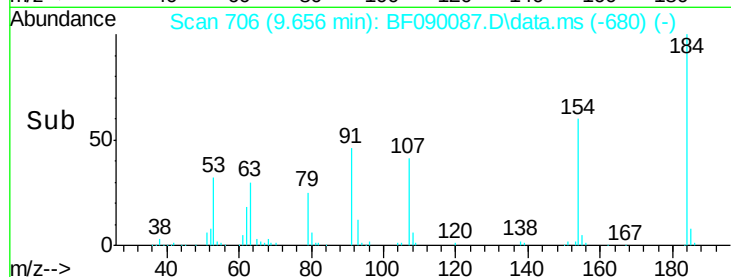
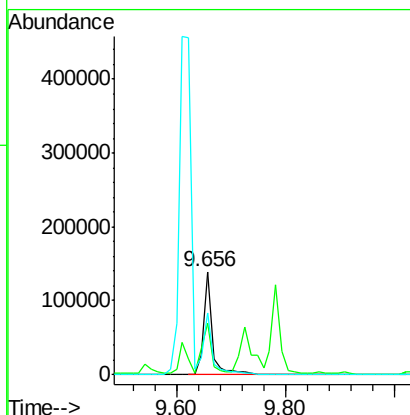
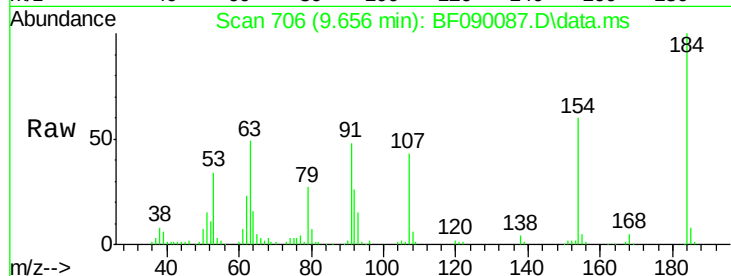




#53
 2,4-Dinitrophenol
 Concen: 53.44 ng
 RT: 9.656 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

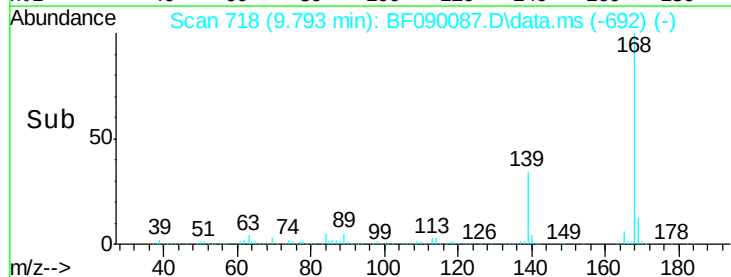
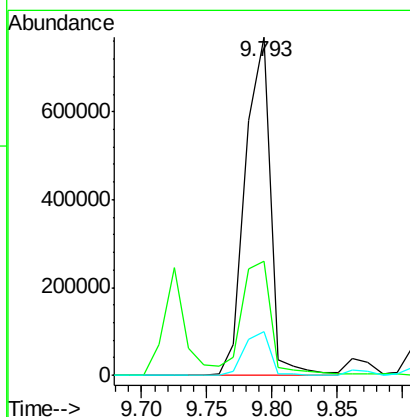
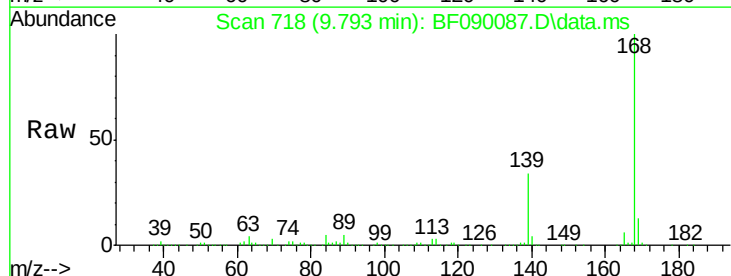
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

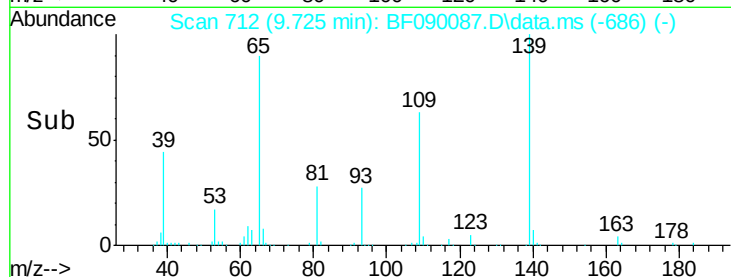
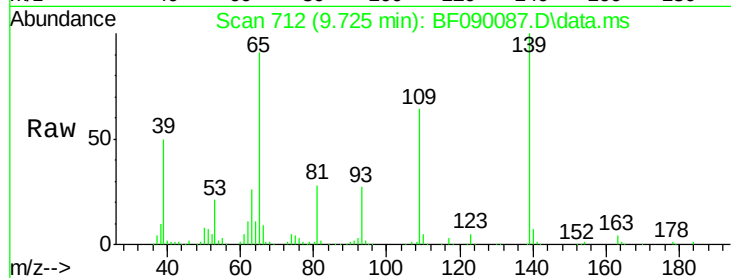
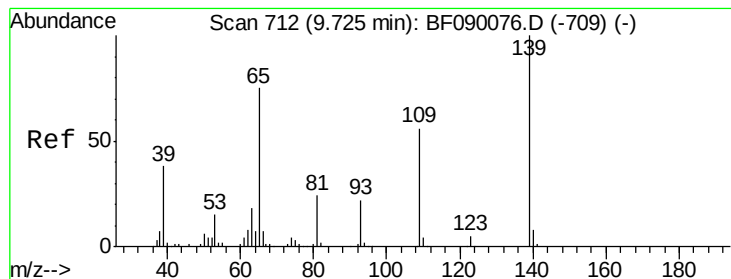
Tot Ion:184 Resp: 153110
 Ion Ratio Lower Upper
 184 100
 63 49.4 44.6 67.0
 154 60.2 49.7 74.5



#54
 Dibenzofuran
 Concen: 41.27 ng
 RT: 9.793 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:168 Resp: 1030428
 Ion Ratio Lower Upper
 168 100
 139 33.9 28.8 43.2
 169 13.0 10.7 16.1





#55

4-Nitrophenol

Concen: 64.35 ng

RT: 9.725 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

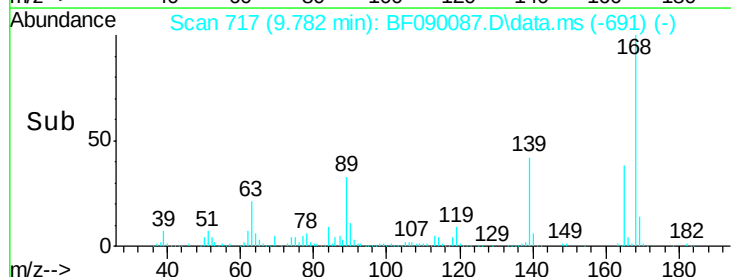
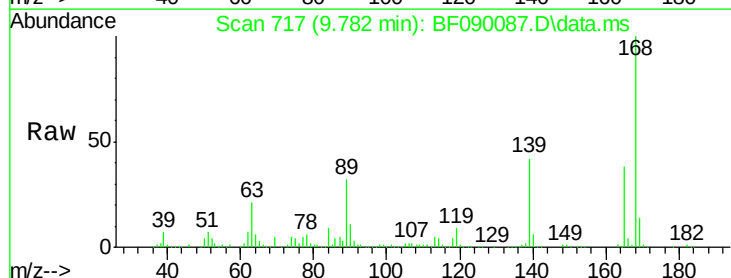
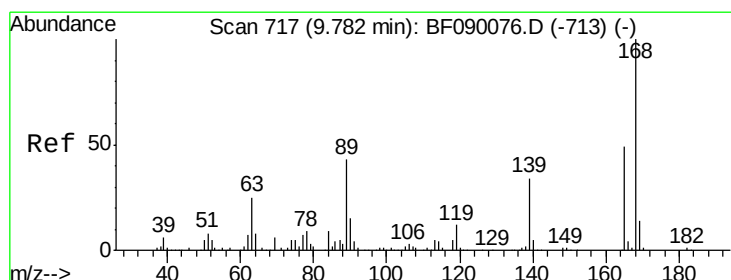
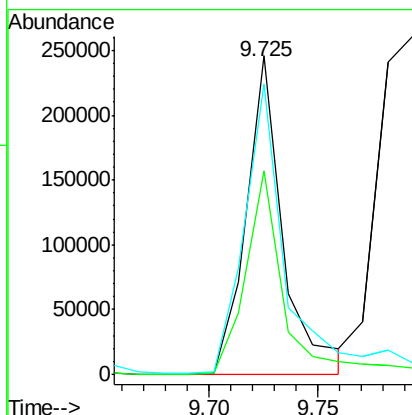
Tot Ion:139 Resp: 290333

Ion Ratio Lower Upper

139 100

109 63.6 35.6 75.6

65 90.8 55.5 95.5



#56

2,4-Dinitrotoluene

Concen: 35.52 ng

RT: 9.782 min Scan# 717

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion:165 Resp: 228191

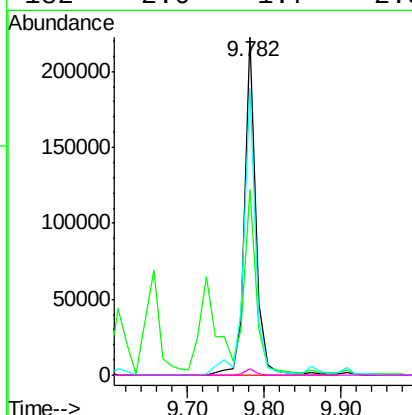
Ion Ratio Lower Upper

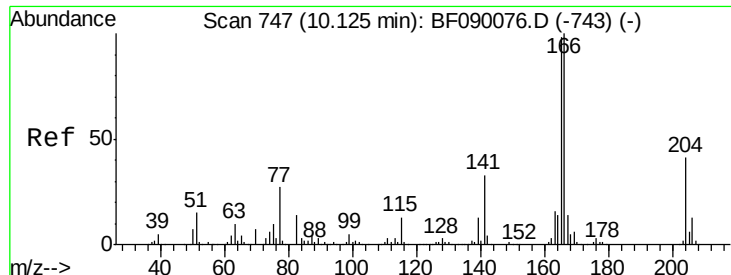
165 100

63 55.0 44.4 66.6

89 84.7 70.1 105.1

182 2.0 1.7 2.5

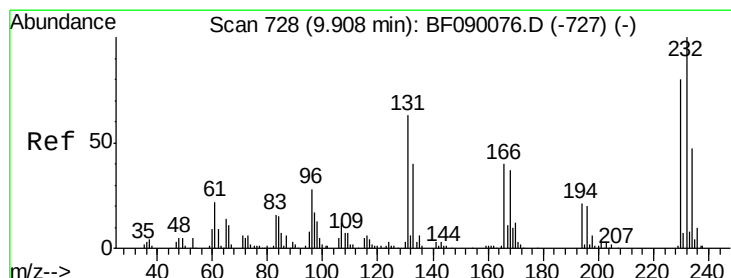
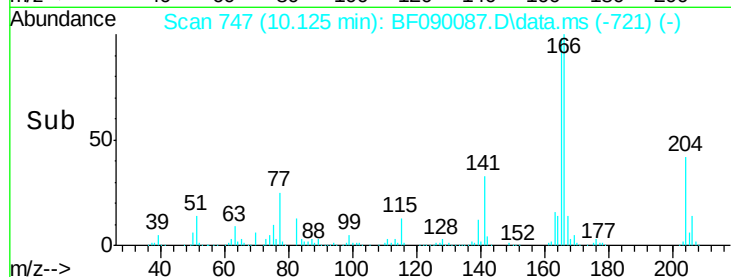
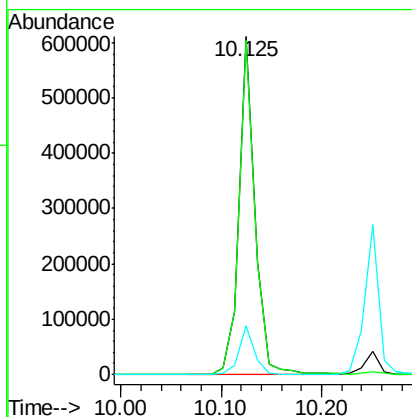
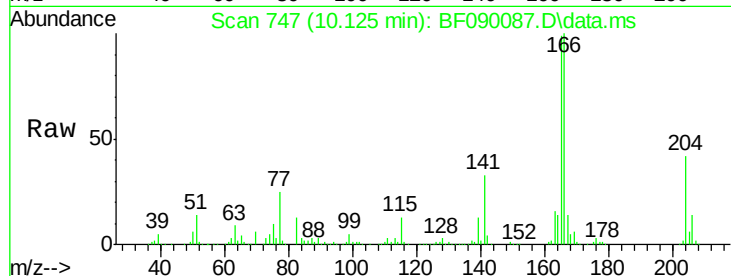




#57
 Fluorene
 Concen: 34.47 ng
 RT: 10.125 min Scan# 747
 Delta R.T. 0.001 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

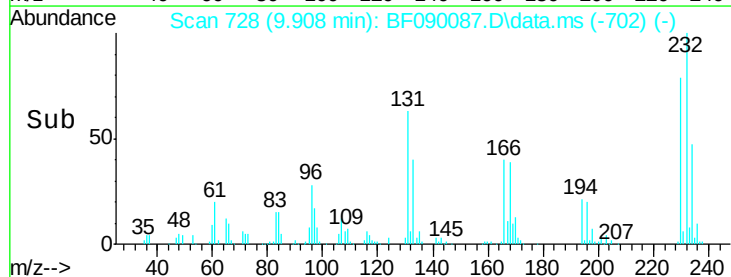
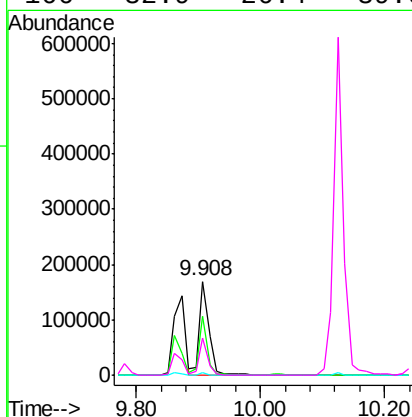
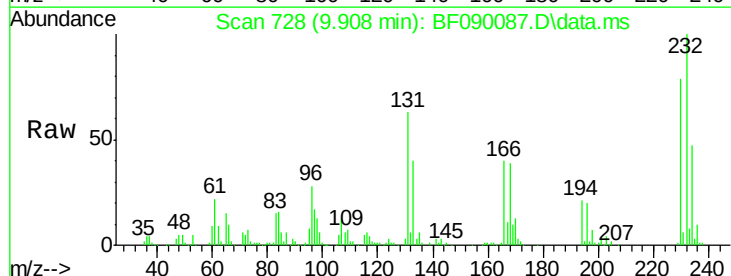
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

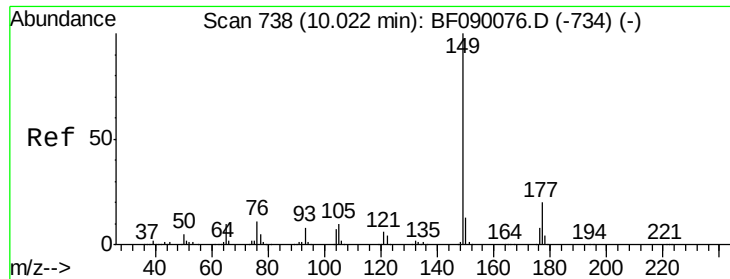
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	14.3	11.2	16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.87 ng
 RT: 9.908 min Scan# 728
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.6	42.2	63.4
130	2.4	1.9	2.9
166	32.9	26.4	39.6

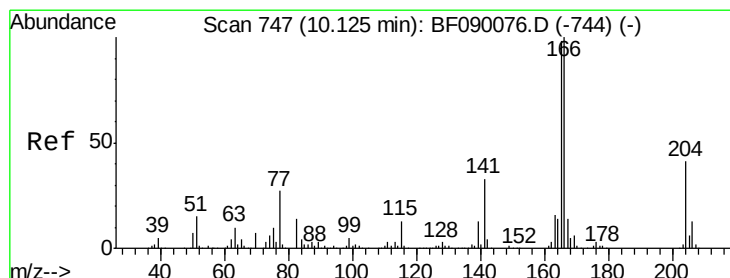
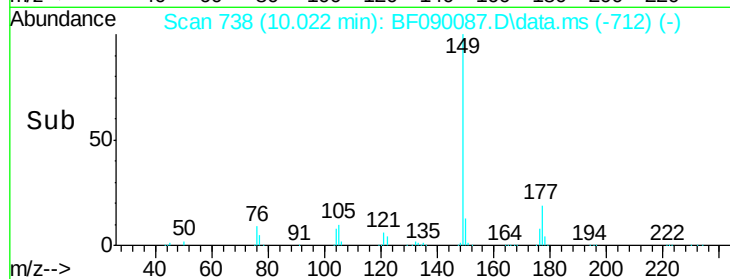
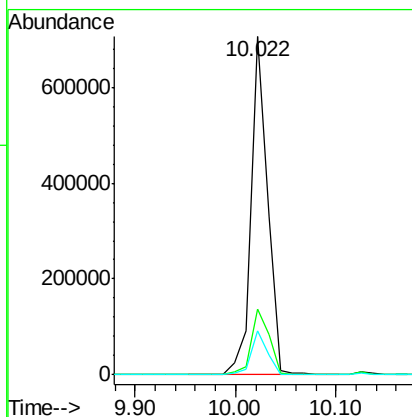
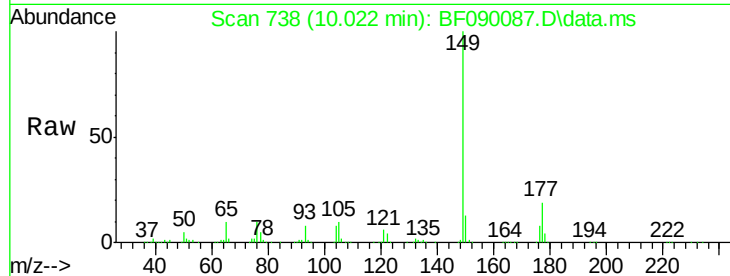




#59
Diethylphthalate
Concen: 35.17 ng
RT: 10.022 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

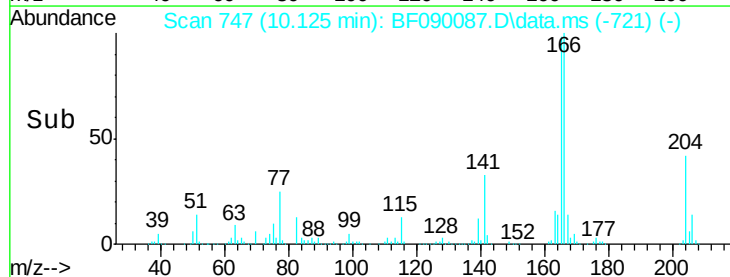
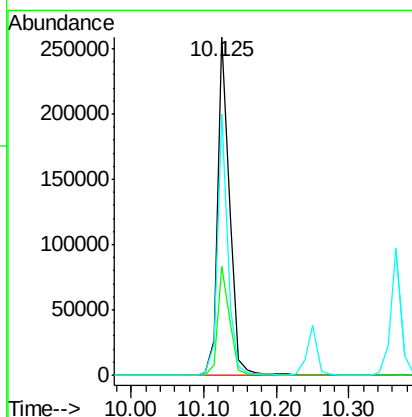
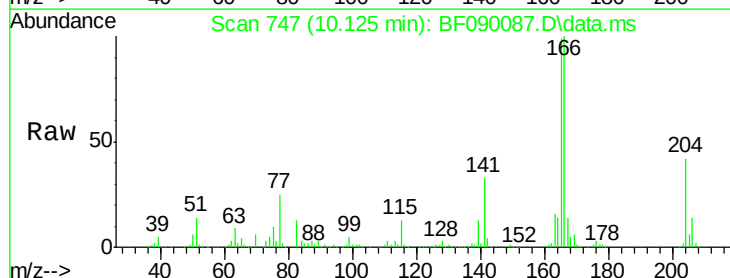
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

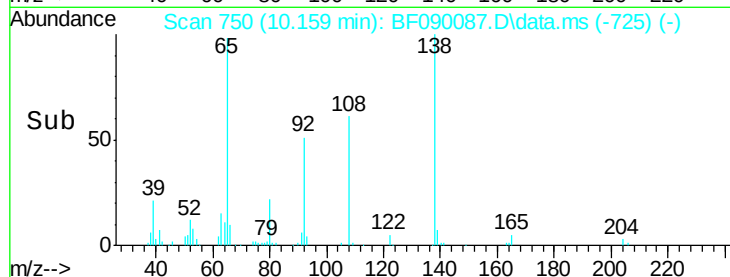
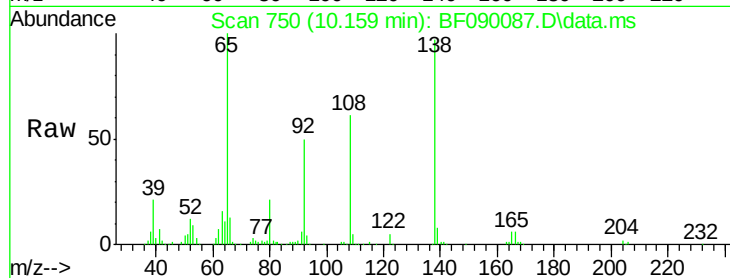
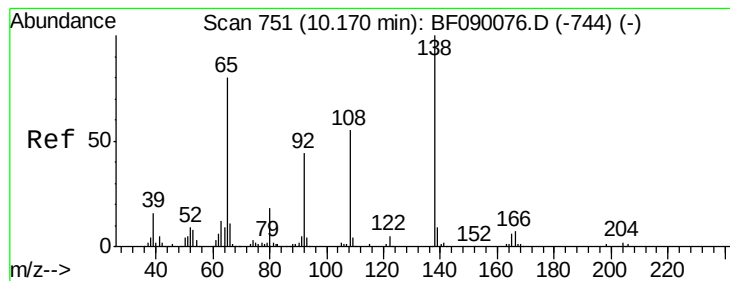
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.4	15.8	23.6
150	12.8	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.125 min Scan# 747
Delta R.T. 0.001 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.6	38.4
141	77.3	64.4	96.6





#61

4-Nitroaniline

Concen: 34.96 ng

RT: 10.159 min Scan# 751

Delta R.T. -0.011 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

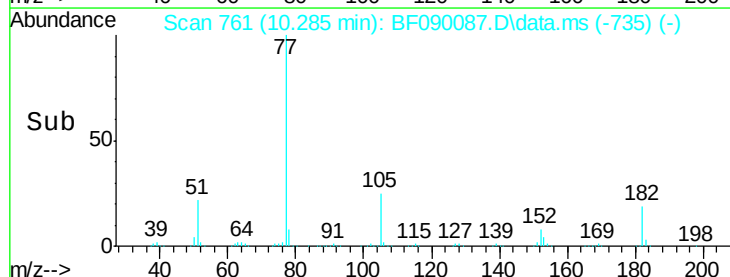
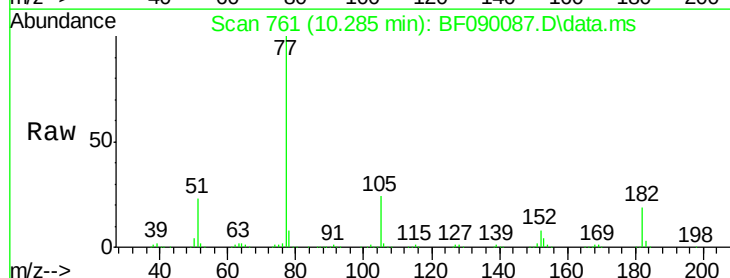
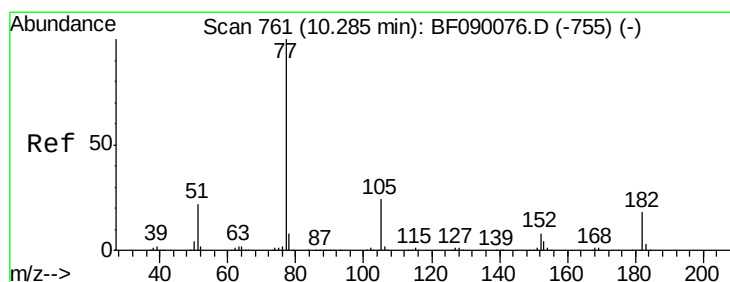
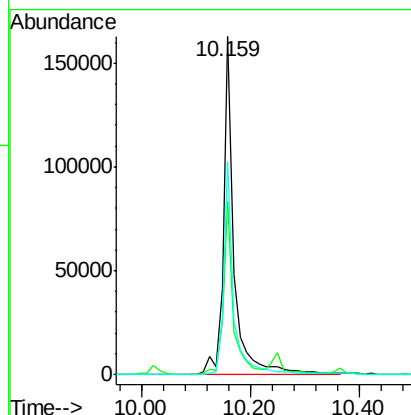
Tot Ion:138 Resp: 226913

Ion Ratio Lower Upper

138 100

92 51.1 23.8 63.8

108 63.0 35.0 75.0



#62

Azobenzene

Concen: 40.30 ng

RT: 10.285 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Tgt Ion: 77 Resp: 965458

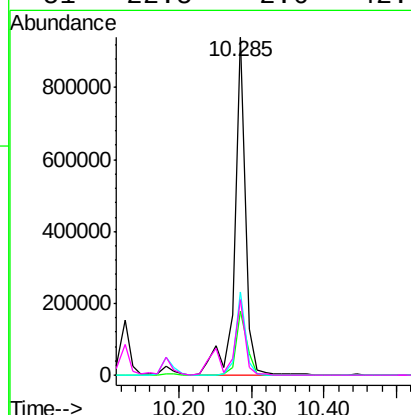
Ion Ratio Lower Upper

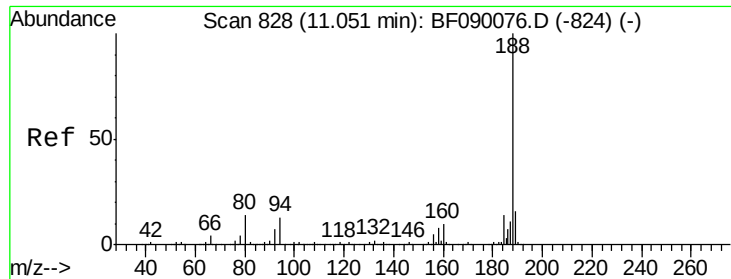
77 100

182 19.1 0.0 38.4

105 24.5 3.8 43.8

51 22.5 2.6 42.6

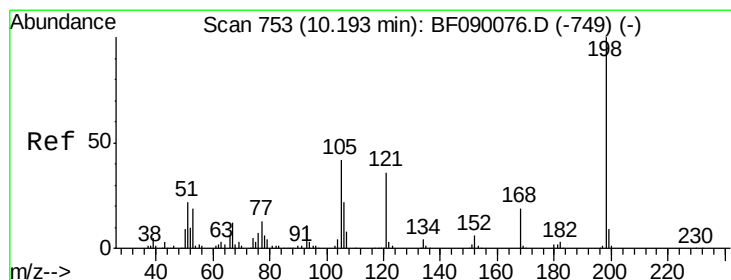
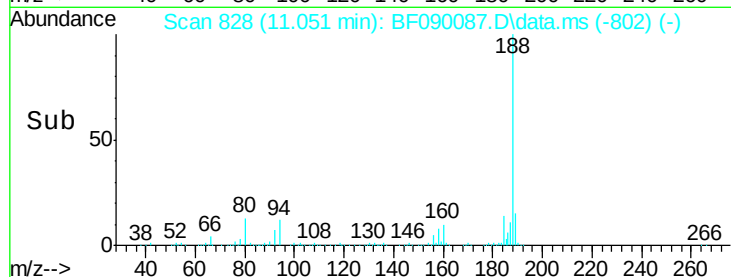
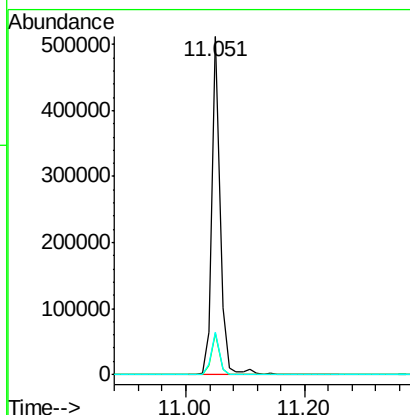
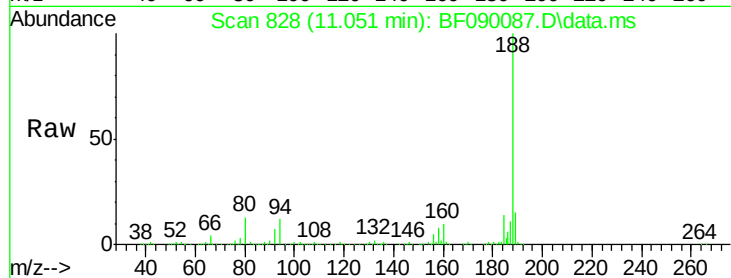




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

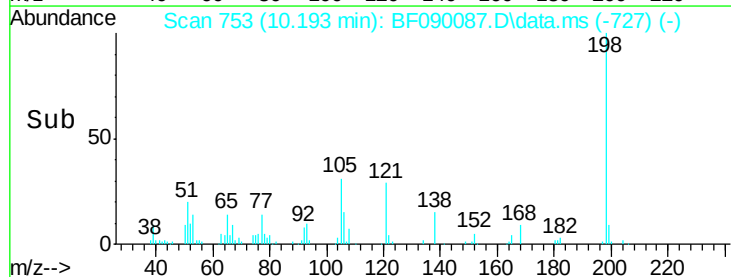
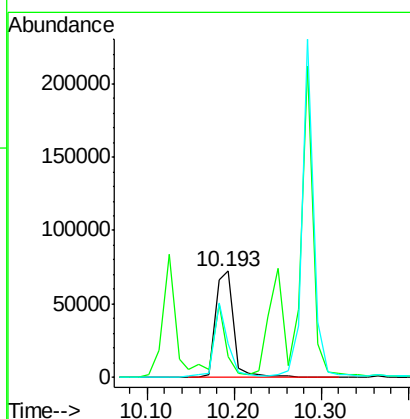
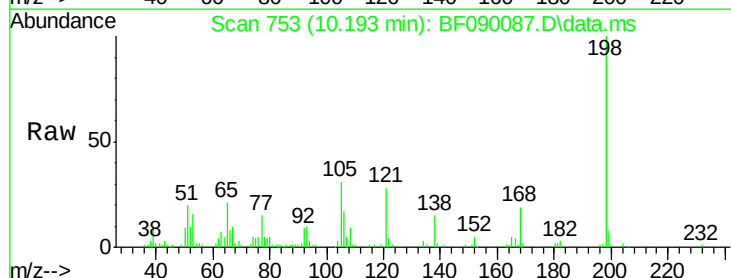
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

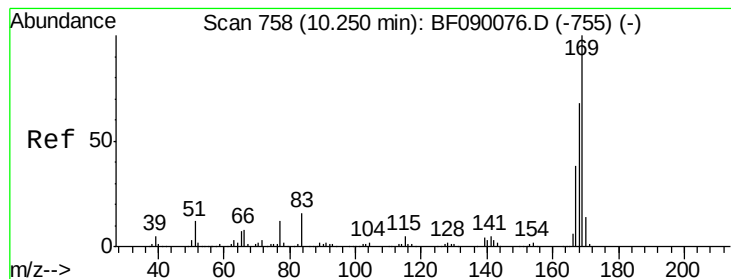
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.5	15.7
80	12.7	11.2	16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.47 ng
RT: 10.193 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	19.9	5.5	45.5
105	30.9	21.8	61.8





#65

n-Nitrosodiphenylamine

Concen: 45.14 ng

RT: 10.251 min Scan# 75

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

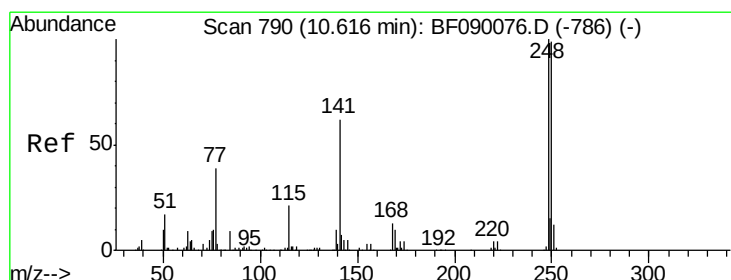
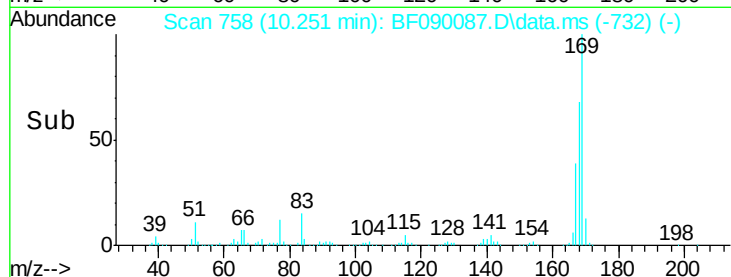
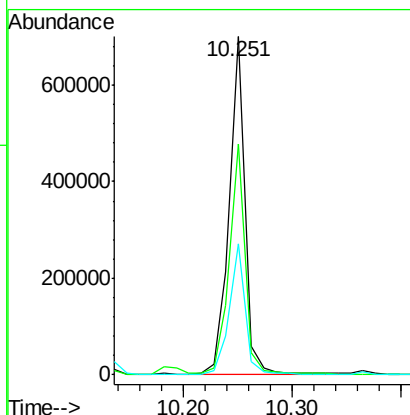
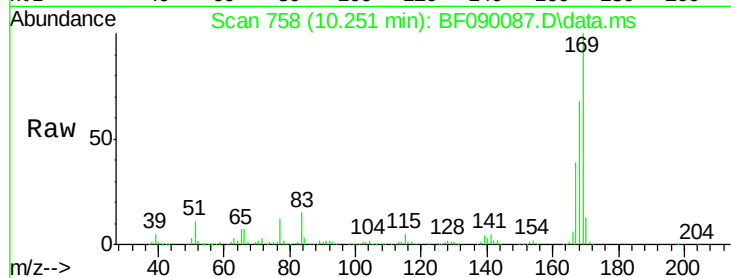
Tot Ion:169 Resp: 703697

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

167 38.7 30.3 45.5



#66

4-Bromophenyl-phenylether

Concen: 47.00 ng

RT: 10.616 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

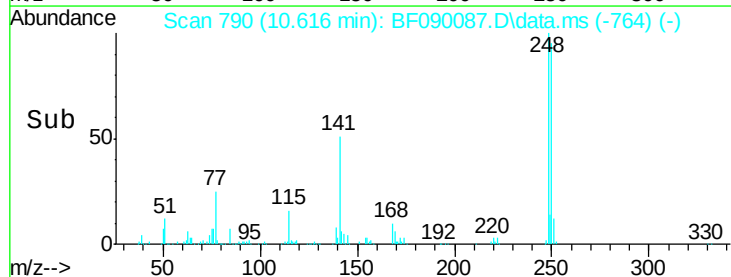
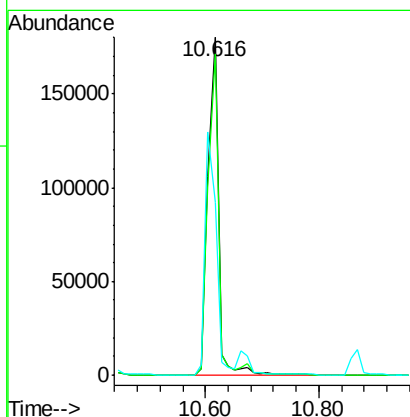
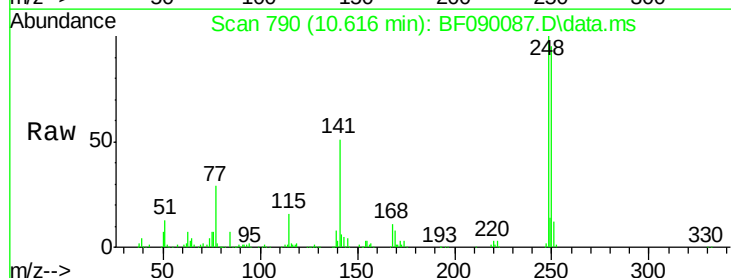
Tgt Ion:248 Resp: 222925

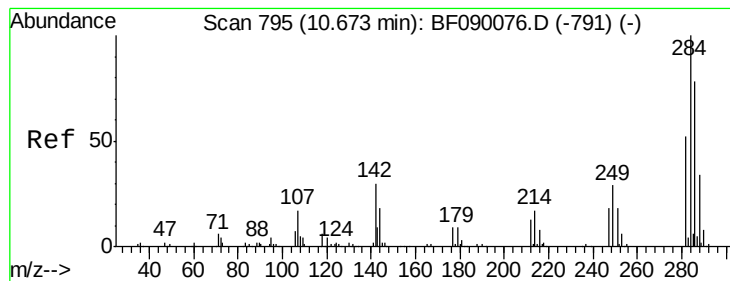
Ion Ratio Lower Upper

248 100

250 95.1 79.4 119.2

141 51.3 49.3 73.9





#67

Hexachlorobenzene

Concen: 44.97 ng

RT: 10.673 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

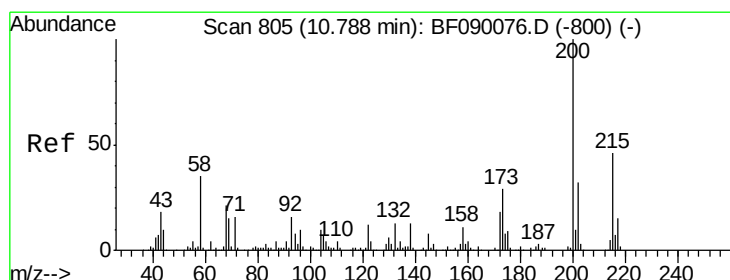
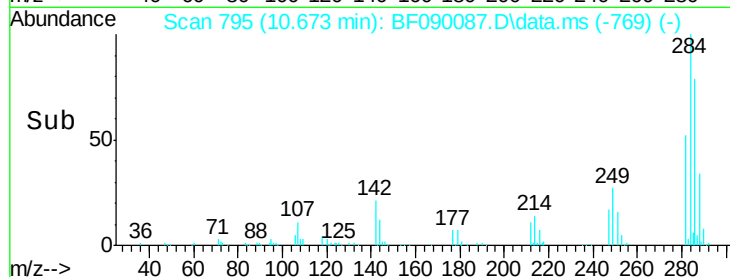
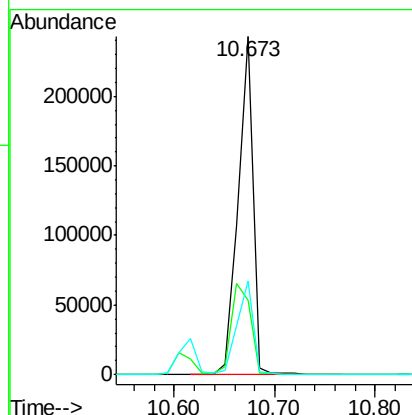
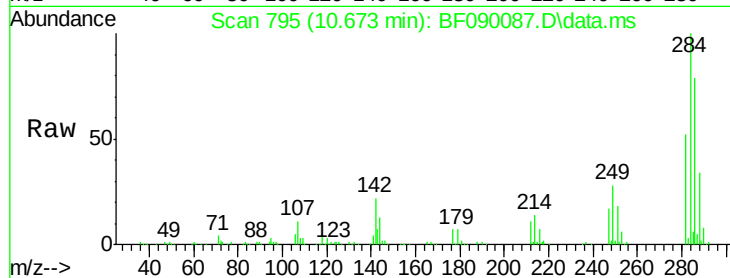
Tot Ion:284 Resp: 251319

Ion Ratio Lower Upper

284 100

142 22.0 24.0 36.0#

249 27.6 23.8 35.6



#68

Atrazine

Concen: 47.48 ng

RT: 10.788 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

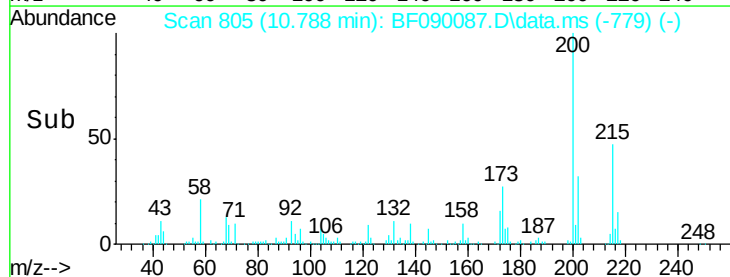
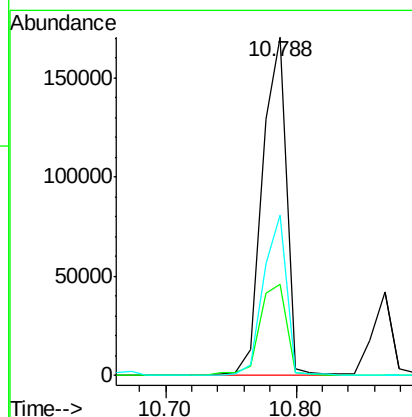
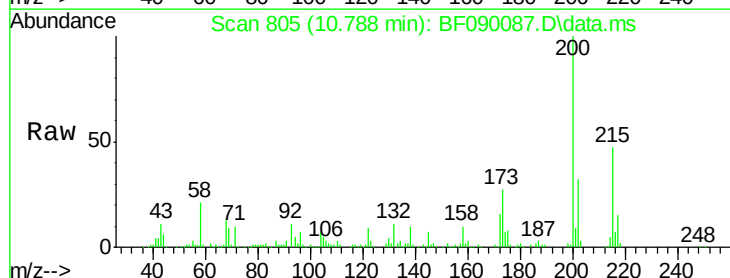
Tgt Ion:200 Resp: 219931

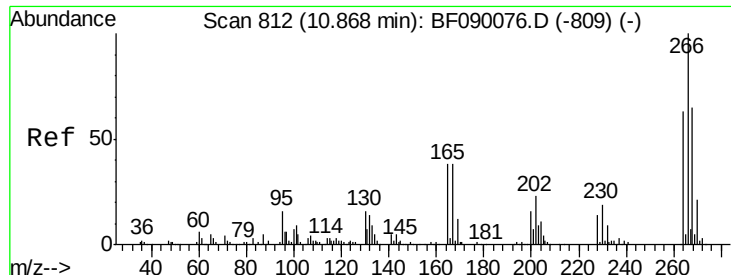
Ion Ratio Lower Upper

200 100

173 27.0 9.3 49.3

215 47.5 26.1 66.1





#69

Pentachlorophenol

Concen: 76.69 ng

RT: 10.868 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

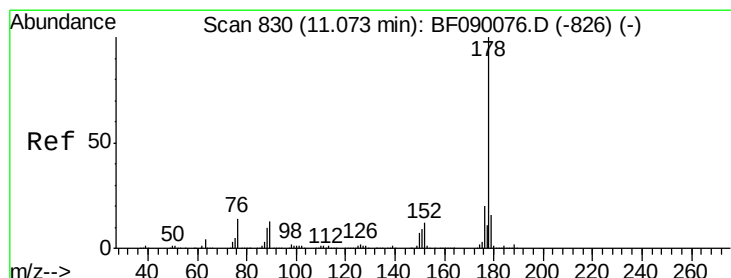
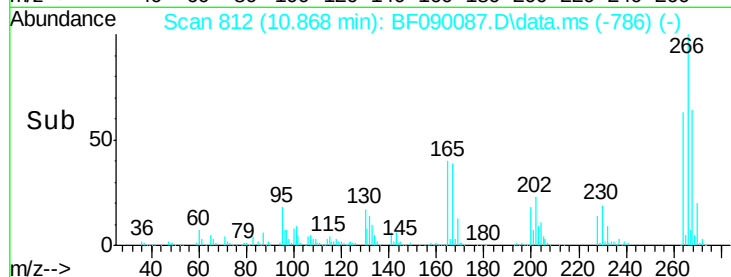
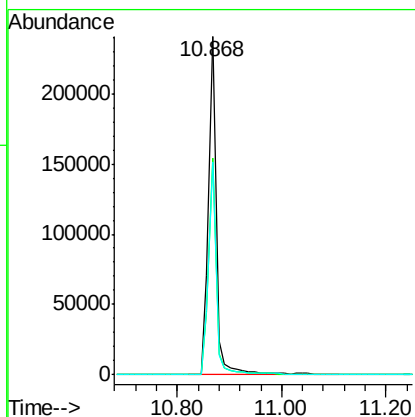
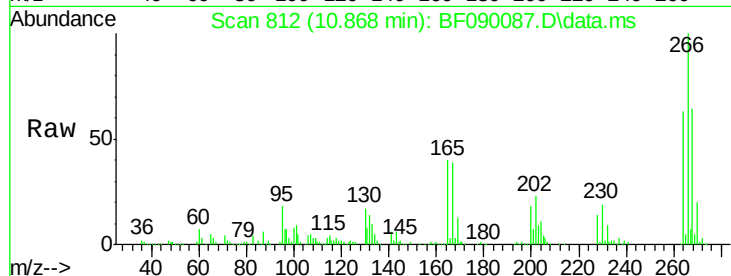
Tot Ion:266 Resp: 251071

Ion Ratio Lower Upper

266 100

268 64.0 52.1 78.1

264 62.8 50.3 75.5



#70

Phenanthrene

Concen: 41.22 ng

RT: 11.073 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

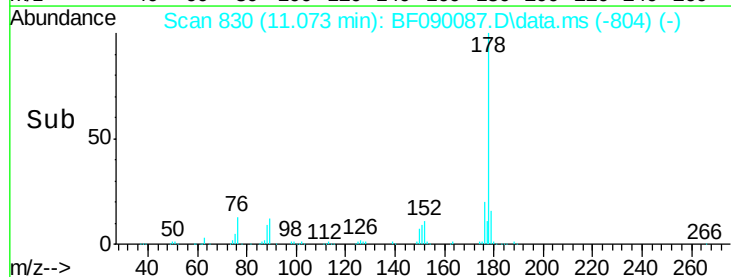
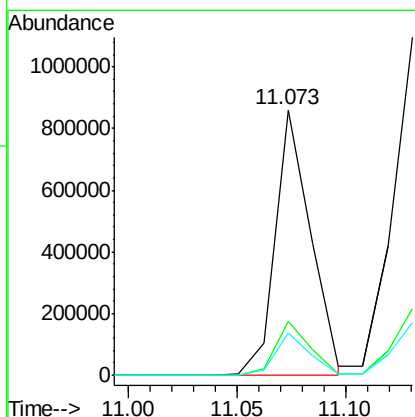
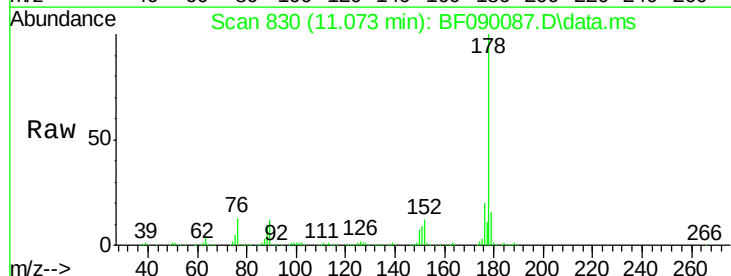
Tgt Ion:178 Resp: 980004

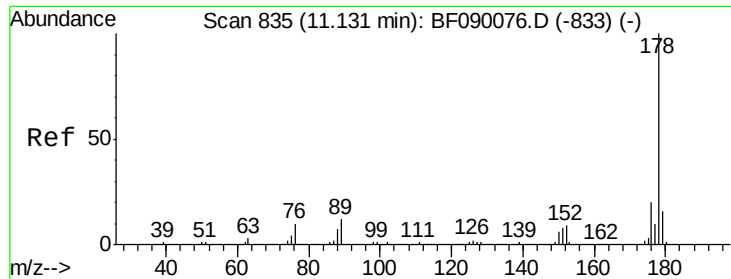
Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 16.0 12.9 19.3

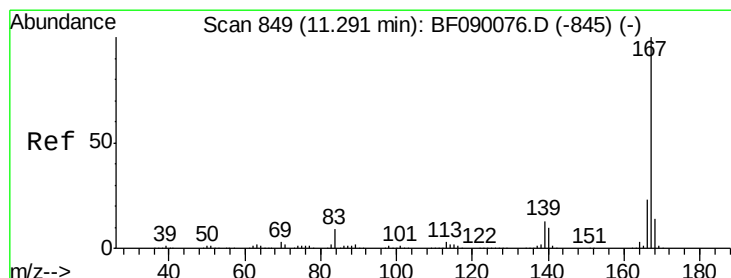
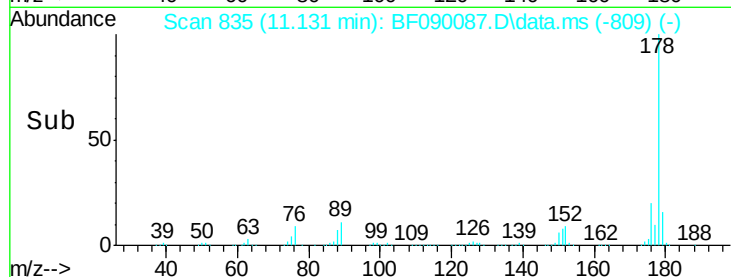
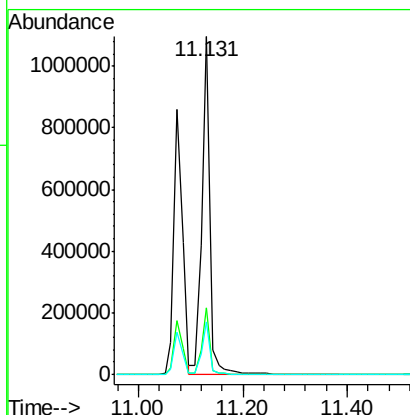
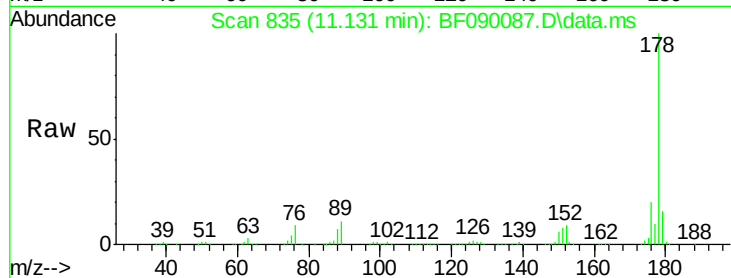




#71
 Anthracene
 Concen: 45.38 ng
 RT: 11.131 min Scan# 83
 Delta R.T. 0.001 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

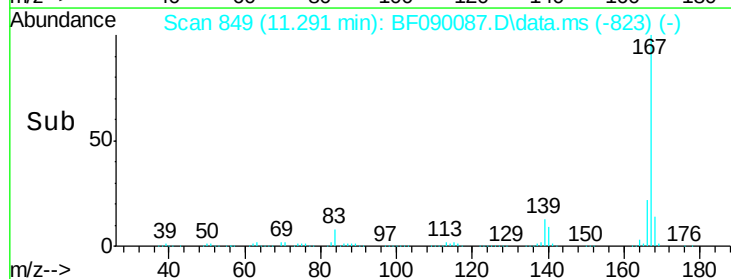
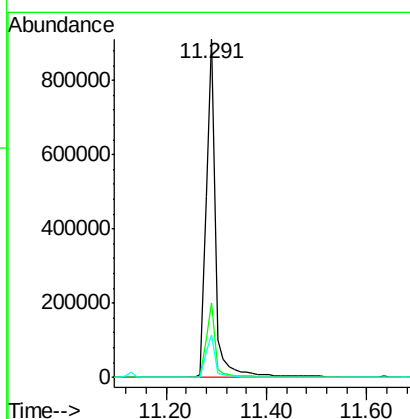
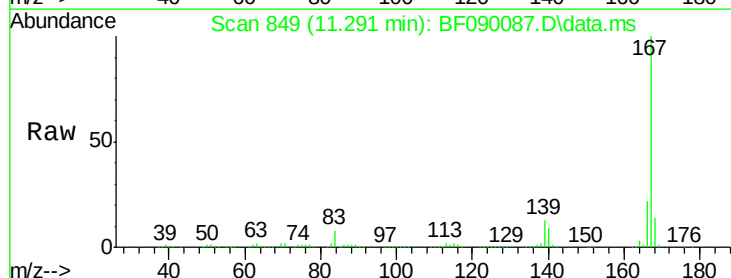
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

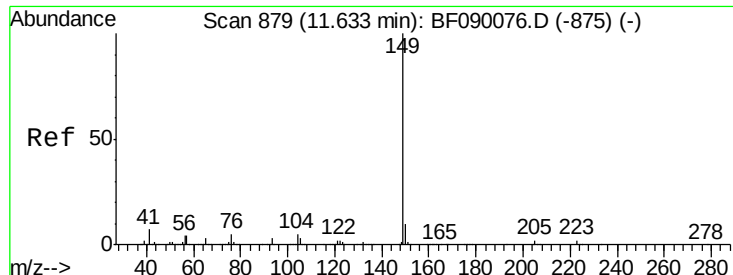
Tot Ion:178 Resp: 1178077
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 43.60 ng
 RT: 11.291 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion:167 Resp: 1161008
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 12.6 10.4 15.6

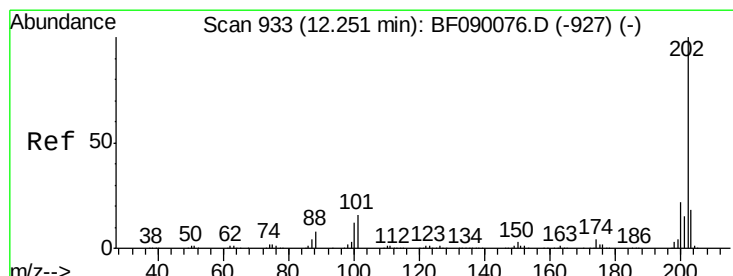
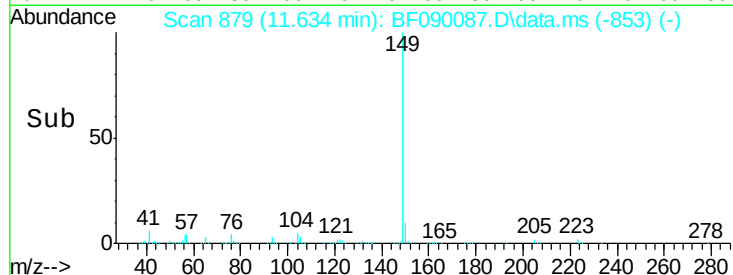
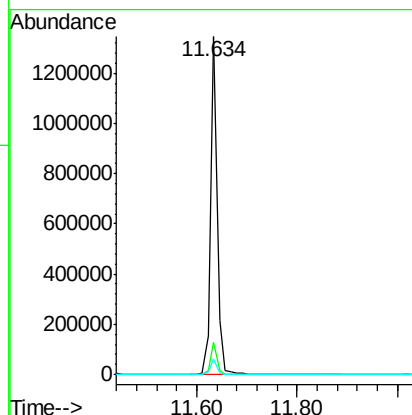
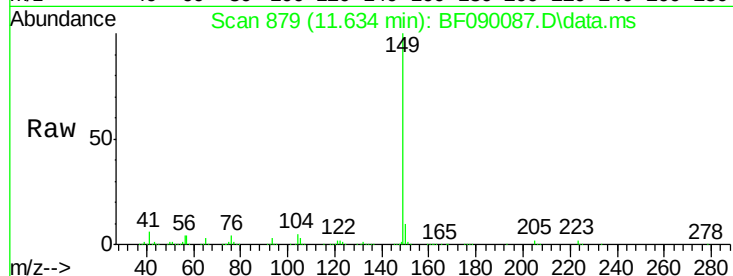




#73
Di-n-butylphthalate
Concen: 40.57 ng
RT: 11.634 min Scan# 87
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

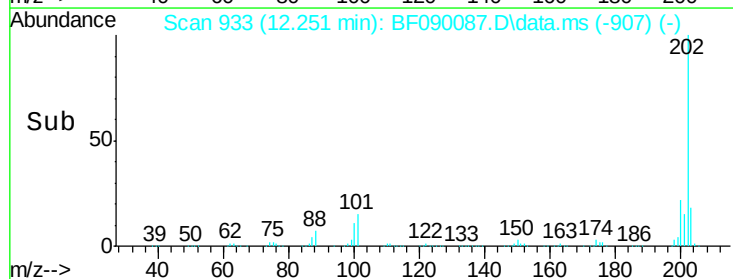
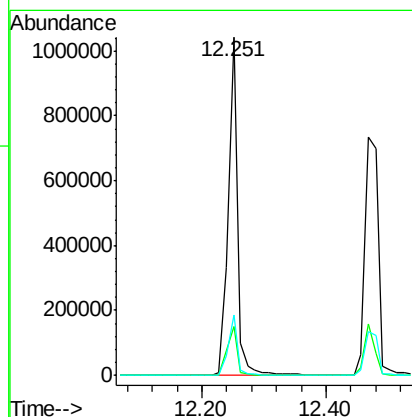
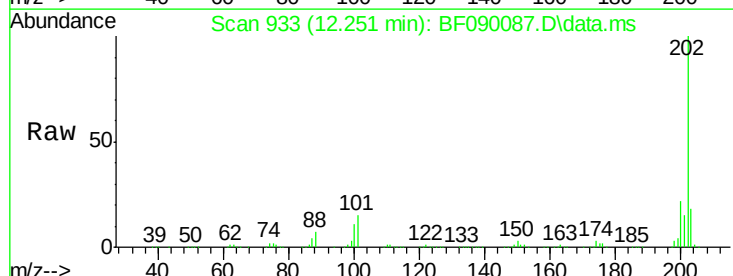
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

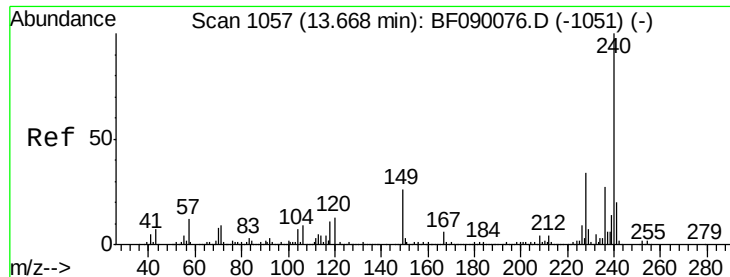
Tot Ion:149 Resp: 1211667
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 43.11 ng
RT: 12.251 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion:202 Resp: 1073948
Ion Ratio Lower Upper
202 100
101 14.5 0.0 36.1
203 18.0 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.668 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

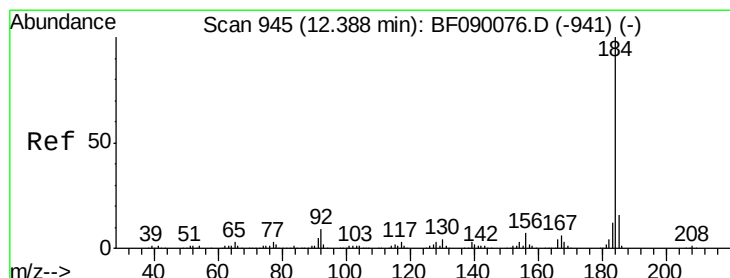
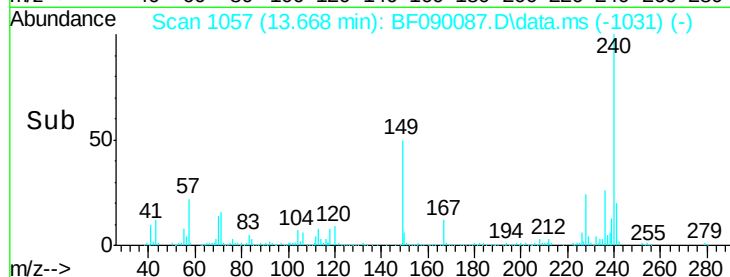
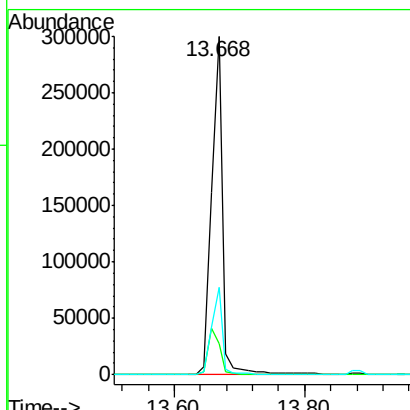
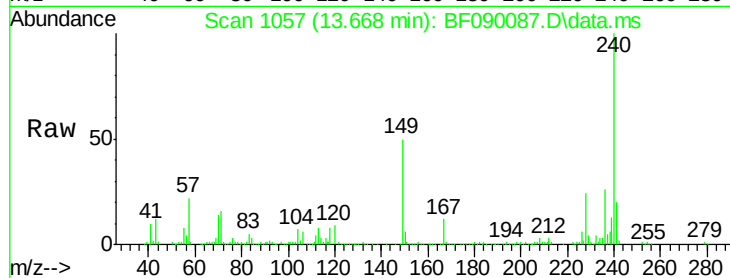
Tot Ion:240 Resp: 352112

Ion Ratio Lower Upper

240 100 10.6 16.0#

120 9.2 21.6 32.4

236 25.9 21.6 32.4



#76

Benzidine

Concen: 29.12 ng

RT: 12.388 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

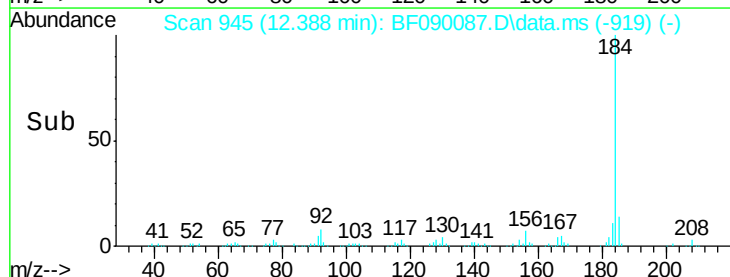
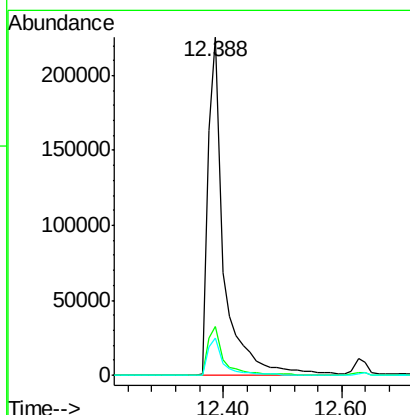
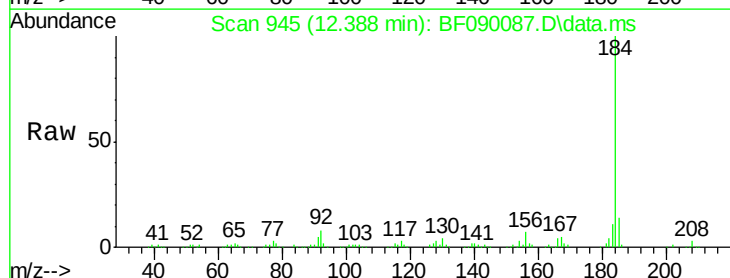
Tgt Ion:184 Resp: 418190

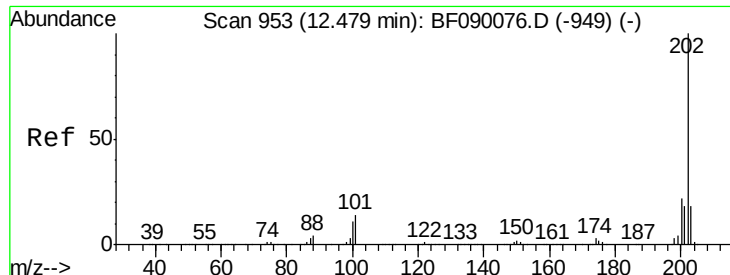
Ion Ratio Lower Upper

184 100 13.2 19.8

185 14.3 9.2 13.8

183 11.0 9.2 13.8

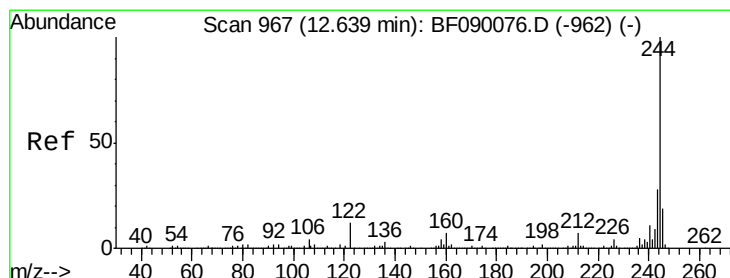
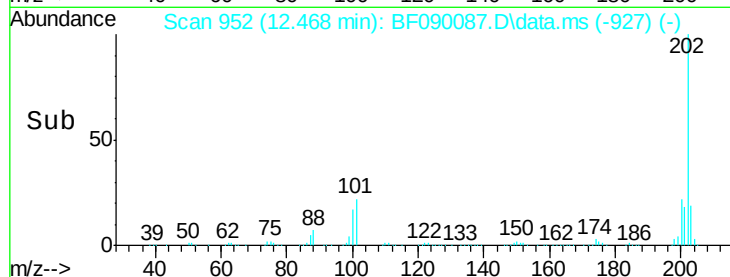
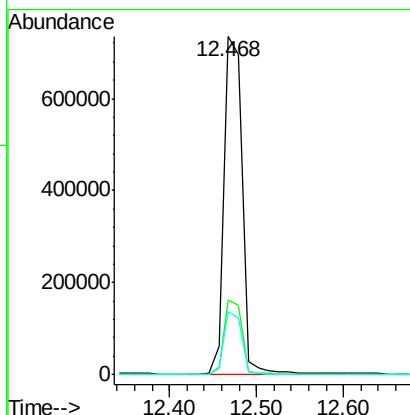
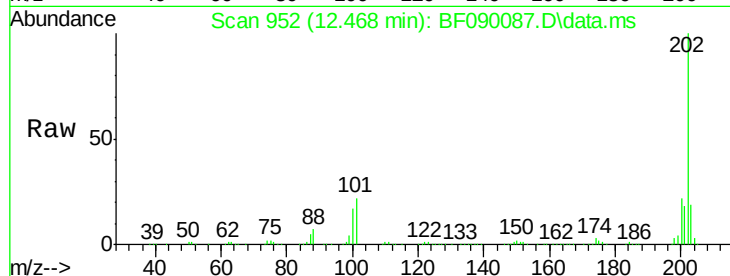




#77
Pvrene
Concen: 41.73 ng
RT: 12.468 min Scan# 95
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

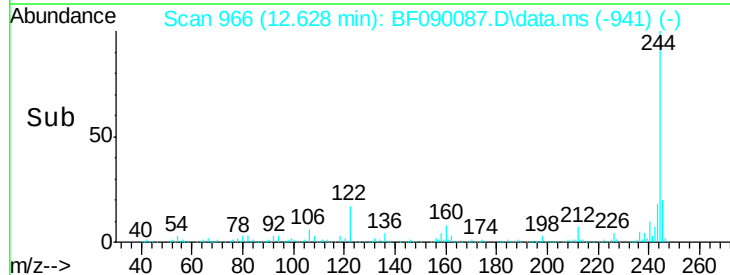
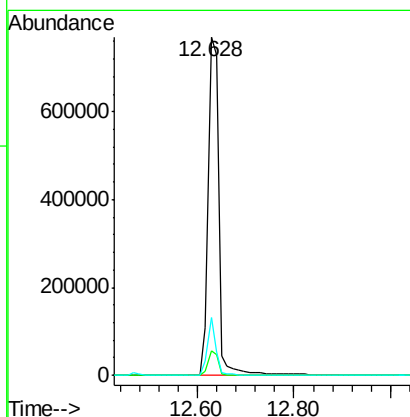
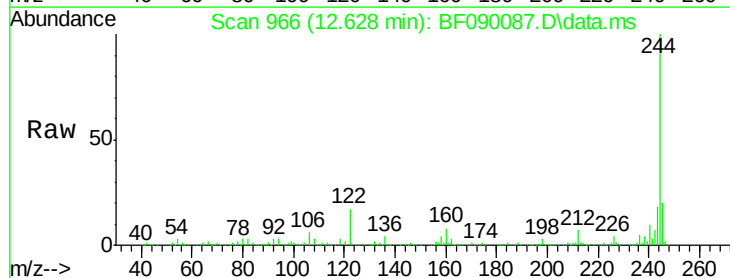
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

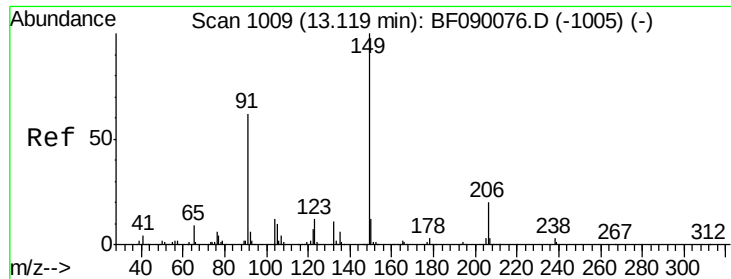
Tot Ion:202 Resp: 1072357
Ion Ratio Lower Upper
202 100
200 22.0 17.9 26.9
203 18.6 14.2 21.4



#78
Terphenyl-d14
Concen: 81.07 ng
RT: 12.628 min Scan# 966
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion:244 Resp: 1201998
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 17.1 9.4 14.0#

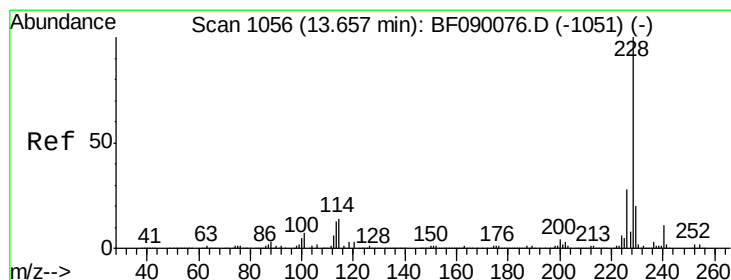
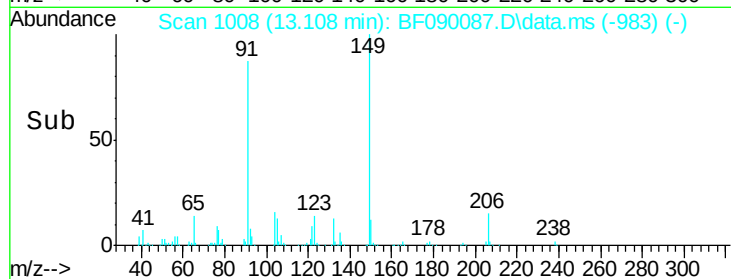
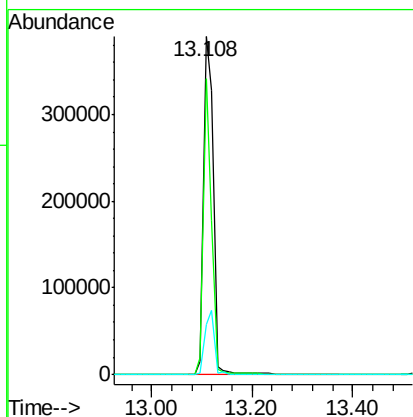
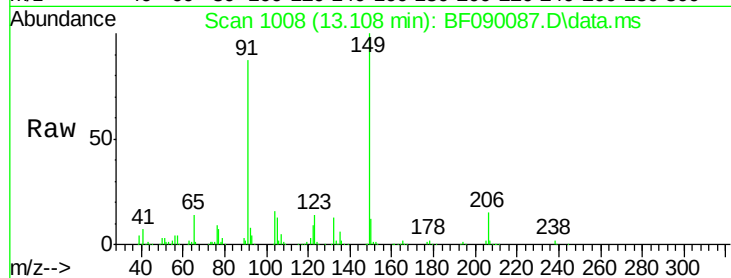




#79
Butylbenzylphthalate
Concen: 40.93 ng
RT: 13.108 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

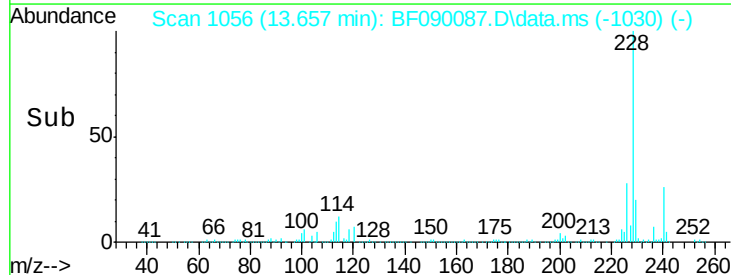
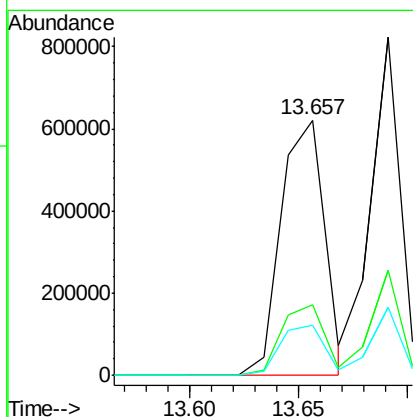
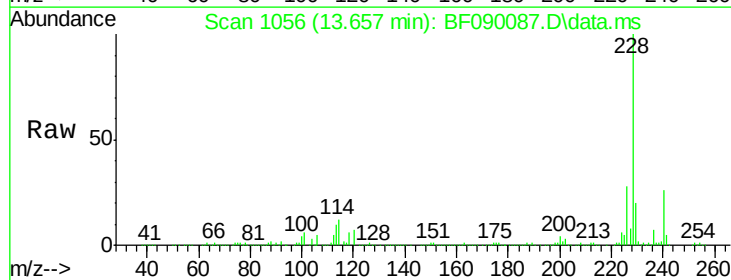
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

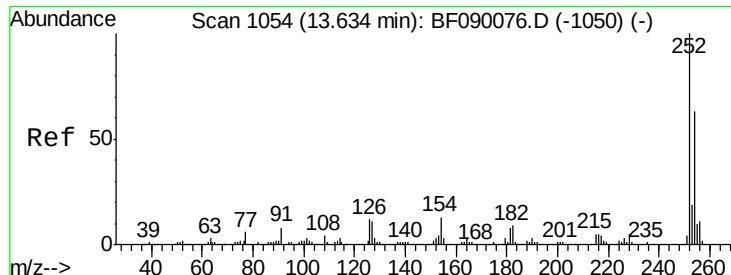
Tot Ion	Ratio	Lower	Upper
149	100		
91	87.4	49.8	74.6#
206	14.9	16.3	24.5#



#80
Benzo(a)anthracene
Concen: 42.51 ng
RT: 13.657 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.7	16.2	24.2

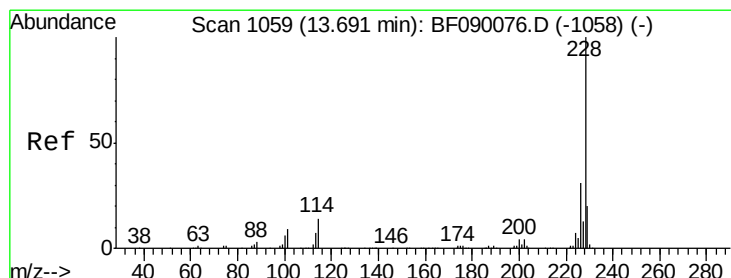
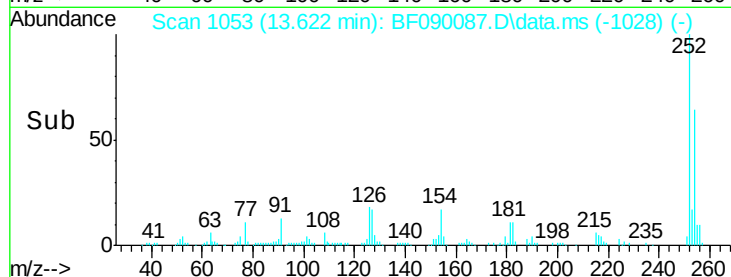
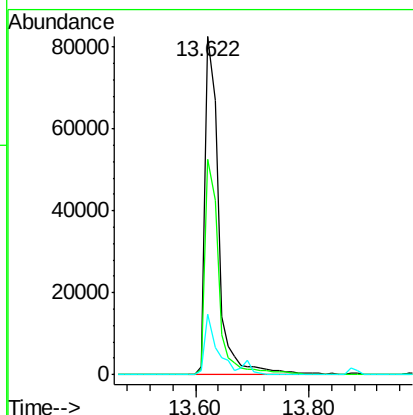
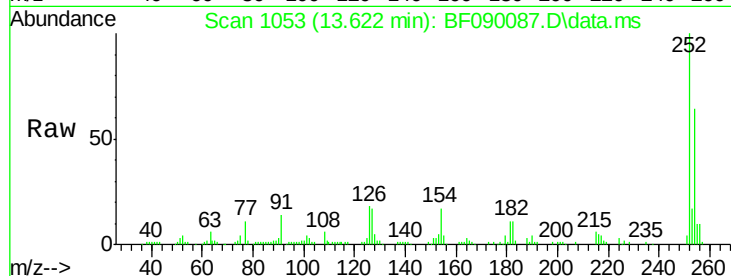




#81
 3,3'-Dichlorobenzidine
 Concen: 15.26 ng
 RT: 13.622 min Scan# 1053
 Delta R.T. -0.011 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

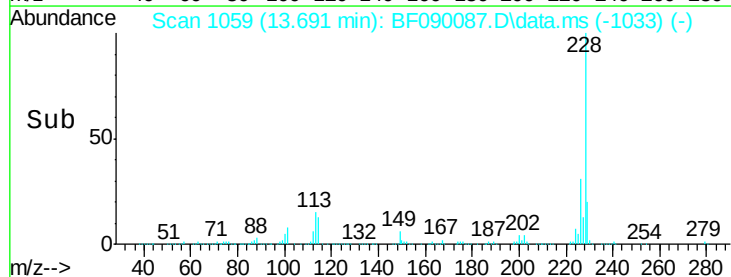
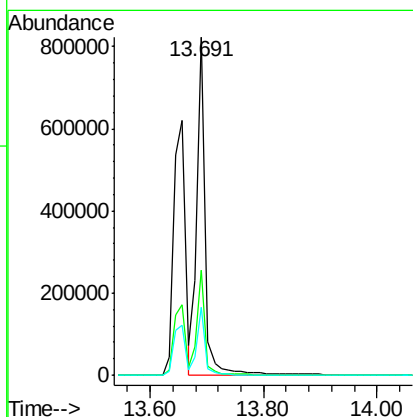
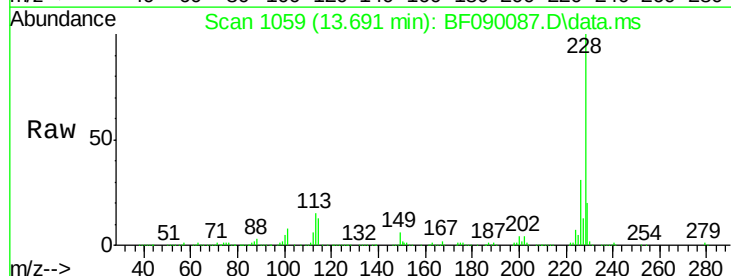
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

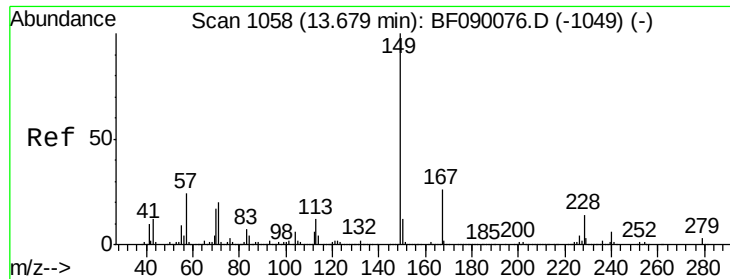
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.7	76.1
126	17.8	9.2	13.8



#82
 Chrysene
 Concen: 42.52 ng
 RT: 13.691 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.35 ng

RT: 13.679 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

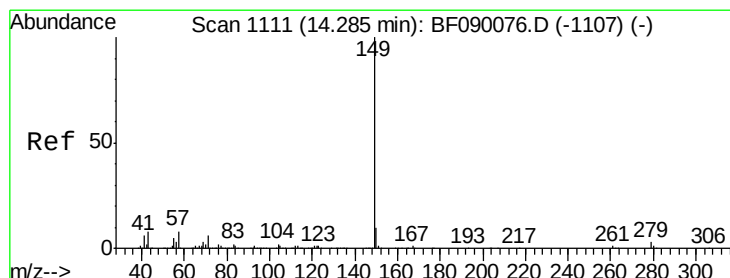
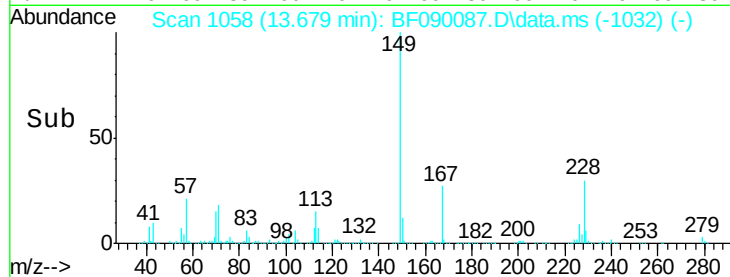
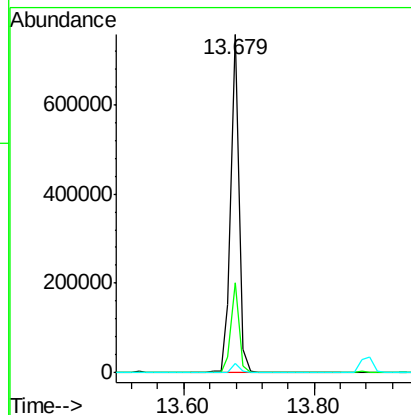
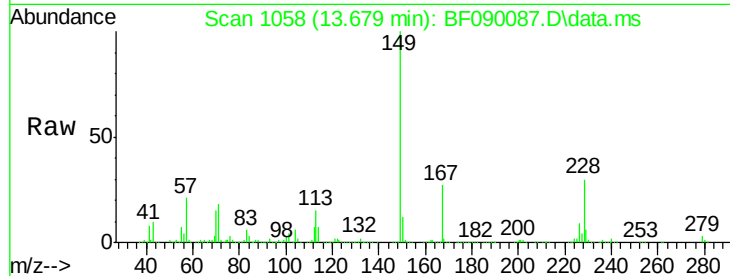
Tot Ion:149 Resp: 670372

Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 2.8 2.2 3.2



#84

Di-n-octyl phthalate

Concen: 37.70 ng

RT: 14.285 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

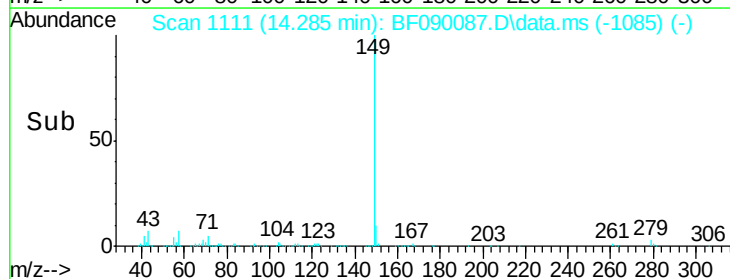
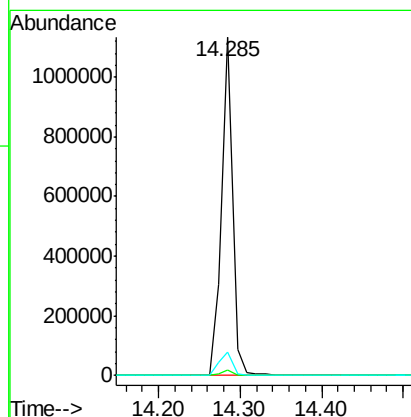
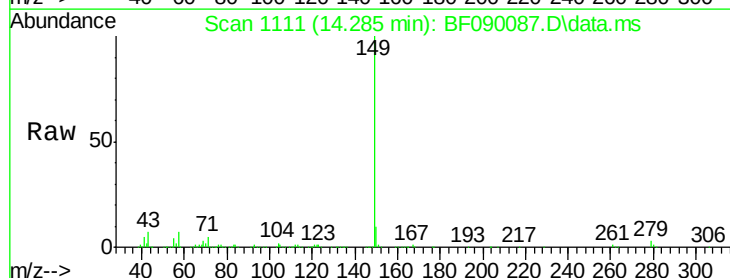
Tgt Ion:149 Resp: 1066780

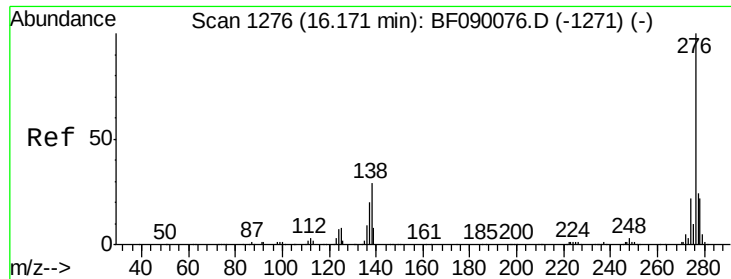
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 7.9 6.8 10.2

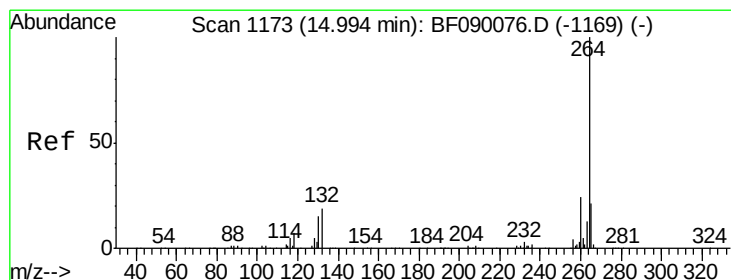
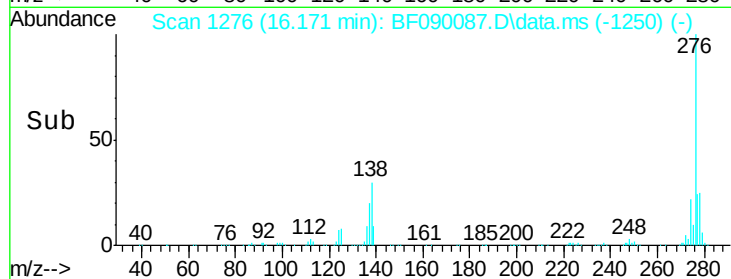
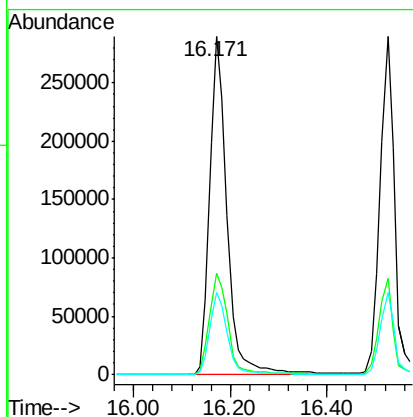
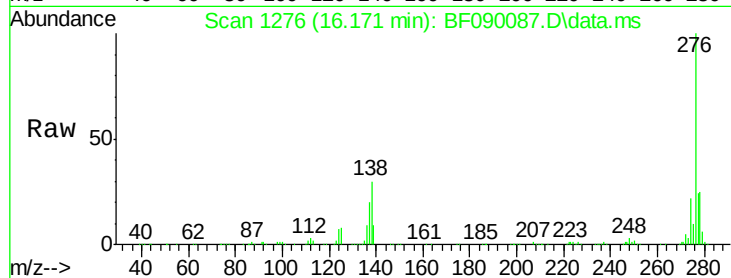




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.91 ng
 RT: 16.171 min Scan# 1276
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

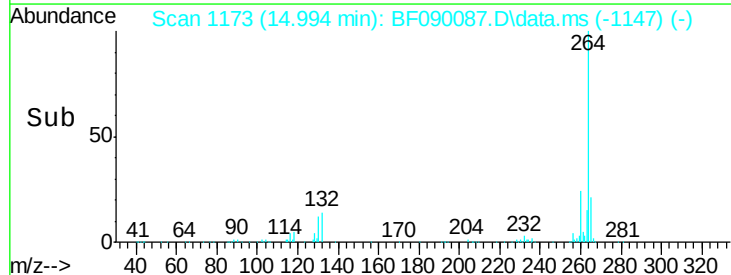
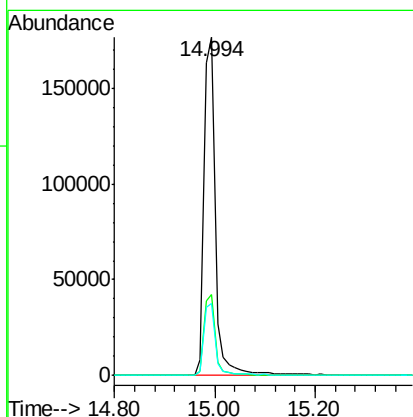
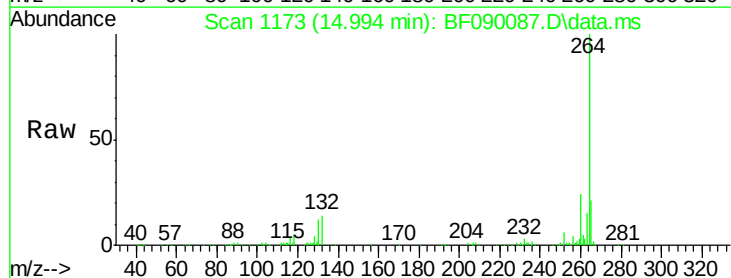
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

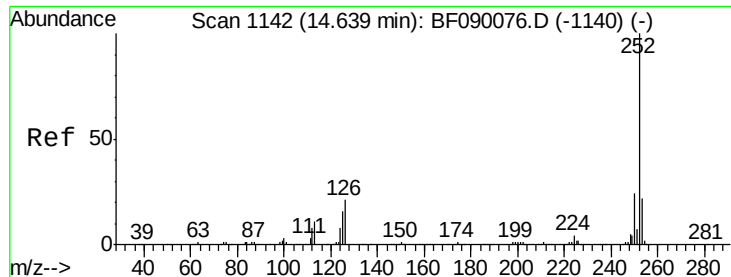
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.9	38.9
277	24.8	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.994 min Scan# 1173
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 81.82 ng

RT: 14.640 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

PB93381BSD

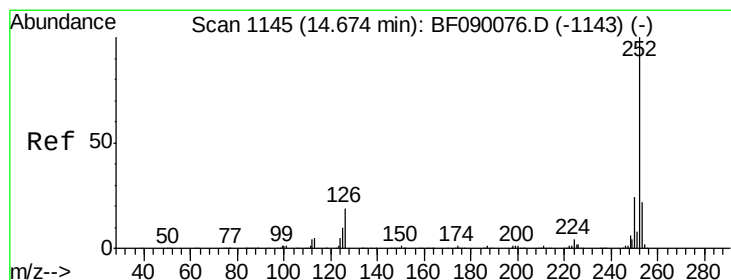
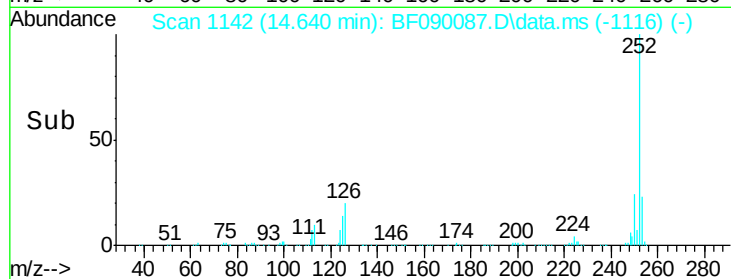
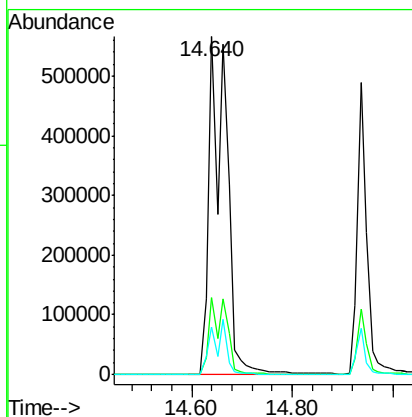
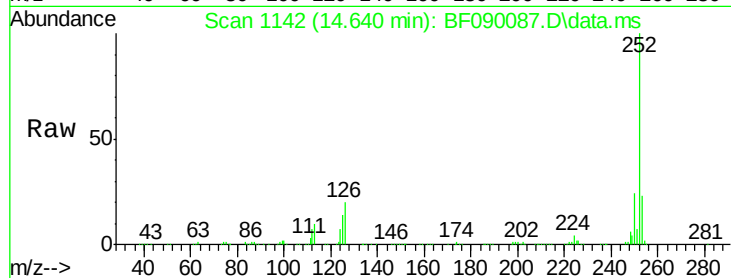
Tot Ion:252 Resp: 1355834

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 14.2 12.7 19.1



#88

Benzo(k)fluoranthene

Concen: 90.93 ng

RT: 14.640 min Scan# 1142

Delta R.T. -0.034 min

Lab File: BF090087.D

Acq: 15 Sep 2016 12:54

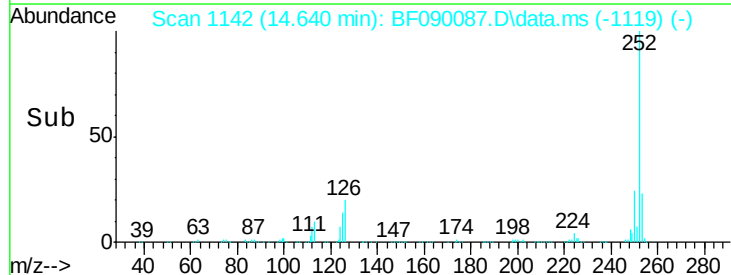
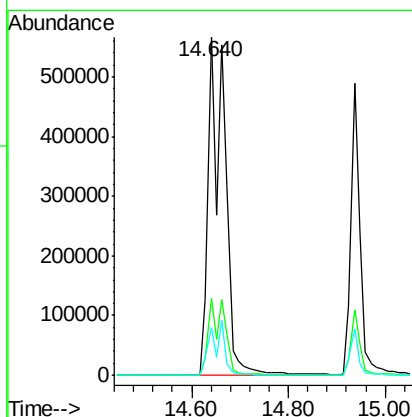
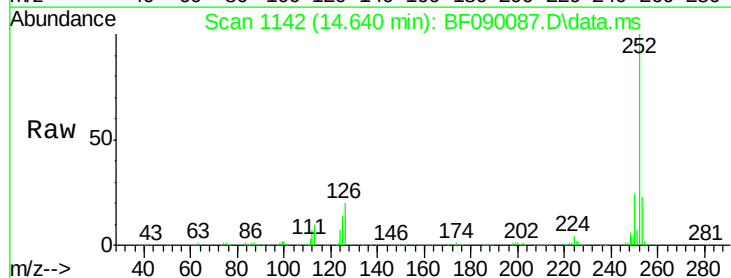
Tgt Ion:252 Resp: 1356520

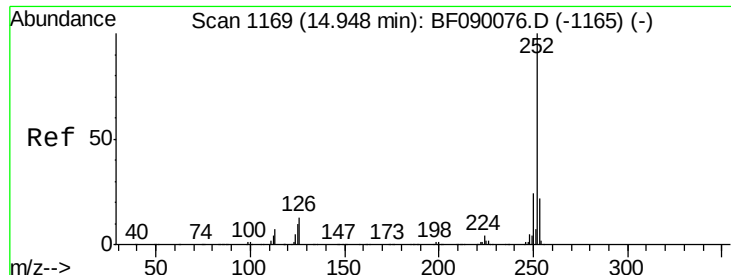
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 14.2 7.8 11.6#

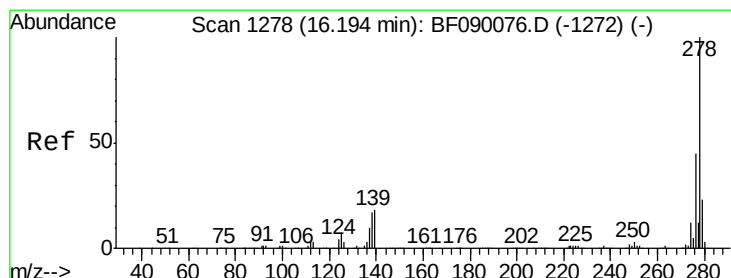
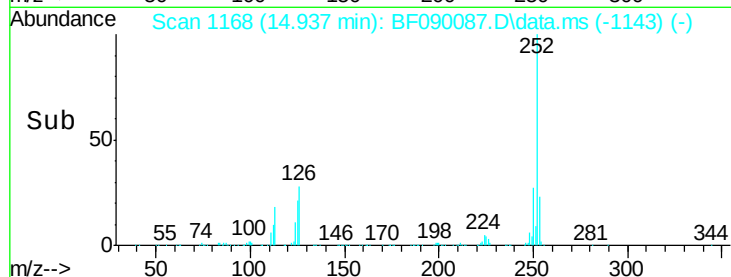
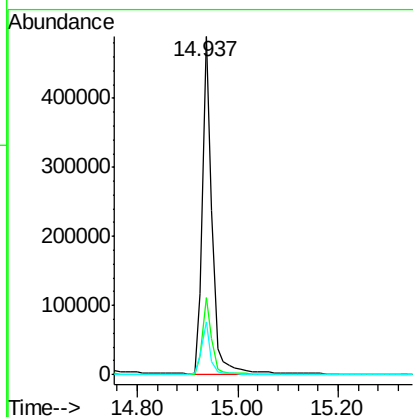
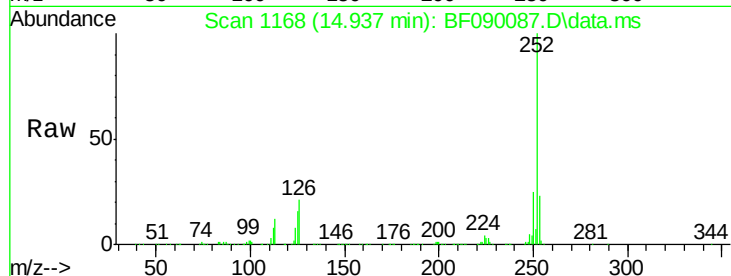




#89
Benzo(a)pyrene
Concen: 43.95 ng
RT: 14.937 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

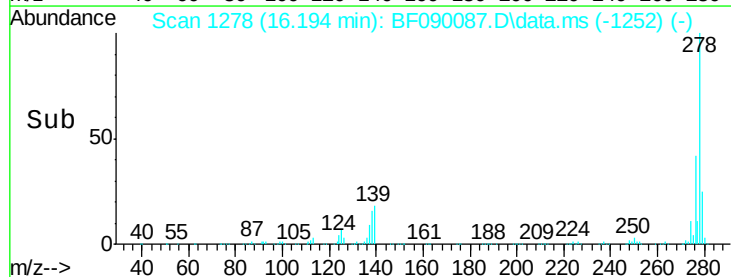
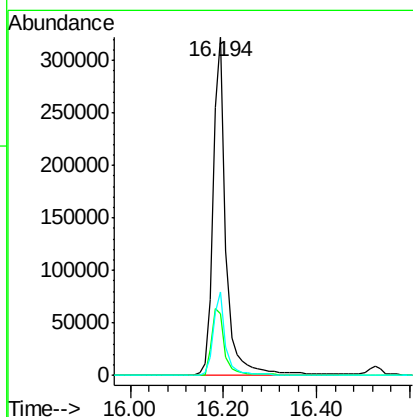
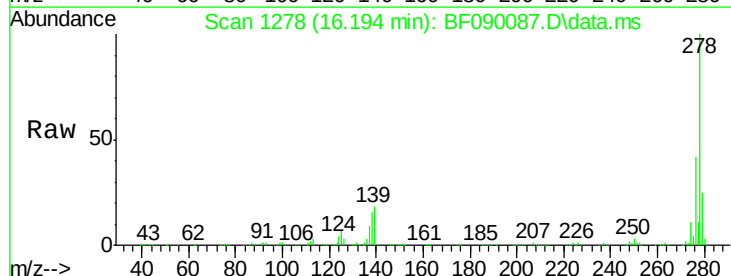
Instrument :
BNA_F
ClientSampleId :
PB93381BSD

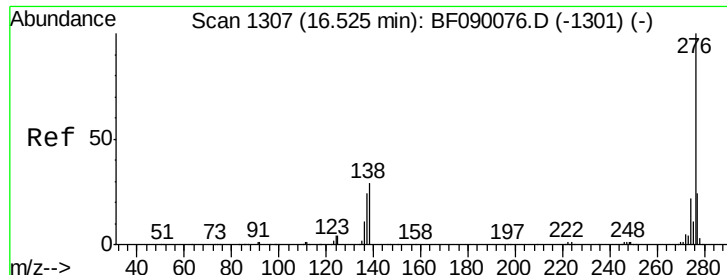
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	15.6	7.7	11.5



#90
Dibenzo(a,h)anthracene
Concen: 53.41 ng
RT: 16.194 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF090087.D
Acq: 15 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	21.8
279	24.6	18.8	28.2





#91
 Benzo(a,h,i)perylene
 Concen: 55.10 ng
 RT: 16.525 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: BF090087.D
 Acq: 15 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BSD

Tot Ion:	276	Resp:	611851
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.9	28.3
138	28.4	23.3	34.9

