

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090162.D
 Acq On : 21 Sep 2016 15:58
 Operator : UM/SJ
 Sample : PB93510BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Quant Time: Sep 22 06:03:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	169044	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	664129	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	366792	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	497338	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	300630	20.00	ng	-0.01
86) Perylene-d12	14.94	264	317836	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1268868	122.35	ng	0.01
7) Phenol-d6	6.17	99	1601825	125.07	ng	0.00
23) Nitrobenzene-d5	7.08	82	1049318	91.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	369430	117.40	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	1546411	82.77	ng	-0.01
78) Terphenyl-d14	12.59	244	1286375	108.64	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	197805	35.15	ng	99
3) Pyridine	2.57	79	556514	45.61	ng	97
4) n-Nitrosodimethylamine	2.54	42	172422	47.35	ng	93
6) Aniline	6.17	93	452292	28.33	ng	# 92
8) 2-Chlorophenol	6.30	128	524912	43.99	ng	85
9) Benzaldehyde	6.04	77	49549	8.88	ng	97
10) Phenol	6.18	94	627186	41.42	ng	# 74
11) bis(2-Chloroethyl)ether	6.26	93	532728	45.12	ng	91
12) 1,3-Dichlorobenzene	6.44	146	519889	41.70	ng	99
13) 1,4-Dichlorobenzene	6.52	146	554111	43.53	ng	100
14) 1,2-Dichlorobenzene	6.67	146	454131m	40.05	ng	
15) Benzyl Alcohol	6.67	79	386097	50.55	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.81	45	613829	43.51	ng	95
17) 2-Methylphenol	6.80	107	448974	47.77	ng	96
18) Hexachloroethane	7.02	117	195876	43.15	ng	97
19) n-Nitroso-di-n-propylamine	6.95	70	354467	47.11	ng	100
20) 3+4-Methylphenols	6.95	107	537981	47.67	ng	95
22) Acetophenone	6.94	105	683885	42.70	ng	99
24) Nitrobenzene	7.10	77	508936	42.63	ng	99
25) Isophorone	7.35	82	1055068	44.08	ng	100
26) 2-Nitrophenol	7.42	139	270858	46.08	ng	99
27) 2,4-Dimethylphenol	7.47	122	467931	44.81	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	633057	43.72	ng	100
29) 2,4-Dichlorophenol	7.67	162	439749	48.01	ng	95
30) 1,2,4-Trichlorobenzene	7.75	180	430023	47.00	ng	94
31) Naphthalene	7.82	128	1406513	44.48	ng	100
32) Benzoic acid	7.63	122	278712	38.88	ng	93
33) 4-Chloroaniline	7.87	127	251998	19.21	ng	99
34) Hexachlorobutadiene	7.94	225	207444	42.98	ng	100
35) Caprolactam	8.26	113	150992m	49.80	ng	
36) 4-Chloro-3-methylphenol	8.38	107	469826	45.38	ng	98
37) 2-Methylnaphthalene	8.51	142	965218	49.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	289404	34.37	ng	99
40) Hexachlorocyclopentadiene	8.66	237	347814	83.72	ng	99

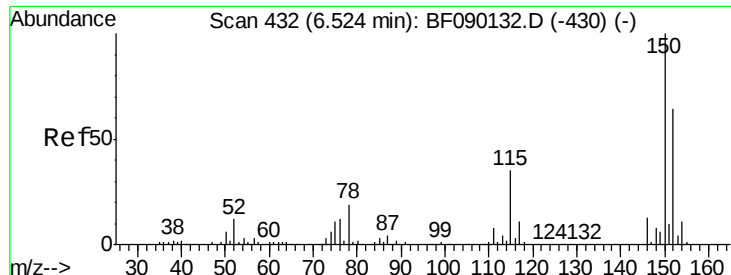
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	291122	48.52	nq	99
43) 2,4,5-Trichlorophenol	8.84	196	279636	45.01	nq	96
45) 1,1'-Biphenyl	8.98	154	1001577	38.17	nq	94
46) 2-Chloronaphthalene	8.99	162	805585	41.61	nq	98
47) 2-Nitroaniline	9.10	65	267249	45.79	nq	84
48) Acenaphthylene	9.40	152	1335722	42.49	nq	99
49) Dimethylphthalate	9.29	163	962043	41.18	nq	99
50) 2,6-Dinitrotoluene	9.35	165	255158	49.00	nq	# 79
51) Acenaphthene	9.58	154	803305	43.05	nq	100
52) 3-Nitroaniline	9.51	138	179122	29.34	nq	97
53) 2,4-Dinitrophenol	9.62	184	248581	85.14	nq	# 90
54) Dibenzofuran	9.75	168	1080163	43.98	nq	94
55) 4-Nitrophenol	9.69	139	316636	75.71	nq	85
56) 2,4-Dinitrotoluene	9.75	165	286415	46.52	nq	91
57) Fluorene	10.09	166	894958	48.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	235818	50.70	nq	98
59) Diethylphthalate	9.99	149	980169	43.44	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	349113	41.36	nq	# 82
61) 4-Nitroaniline	10.12	138	270055	43.40	nq	91
62) Azobenzene	10.24	77	1140905	48.58	nq	98
64) 4,6-Dinitro-2-methylphenol	10.15	198	143352	46.02	nq	# 61
65) n-Nitrosodiphenylamine	10.20	169	833184	50.95	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	237396	48.51	nq	# 91
67) Hexachlorobenzene	10.63	284	258317	45.29	nq	95
68) Atrazine	10.74	200	193361	43.15	nq	97
69) Pentachlorophenol	10.82	266	263523	81.40	nq	98
70) Phenanthrene	11.04	178	1164013	50.05	nq	99
71) Anthracene	11.08	178	1132112	46.41	nq	100
72) Carbazole	11.24	167	1159070	44.94	nq	99
73) Di-n-butylphthalate	11.60	149	1455837	48.55	nq	# 98
74) Fluoranthene	12.20	202	1030498	41.28	nq	99
76) Benzidine	12.34	184	258110	25.65	nq	97
77) Pyrene	12.43	202	1140381	55.43	nq	98
79) Butylbenzylphthalate	13.07	149	547842	54.44	nq	91
80) Benzo(a)anthracene	13.61	228	789408	48.81	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	213742	32.04	nq	# 97
82) Chrysene	13.65	228	693995	44.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	642816	49.92	nq	# 98
84) Di-n-octyl phthalate	14.24	149	1084531	48.89	nq	97
85) Indeno(1,2,3-cd)pyrene	16.10	276	881019	69.16	nq	98
87) Benzo(b)fluoranthene	14.59	252	682567m	38.78	nq	
88) Benzo(k)fluoranthene	14.63	252	769481m	46.59	nq	
89) Benzo(a)pyrene	14.89	252	767458	46.36	nq	# 96
90) Dibenzo(a,h)anthracene	16.13	278	737019	57.05	nq	96
91) Benzo(g,h,i)perylene	16.45	276	774382	61.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

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BNA_F

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PB93510BSD

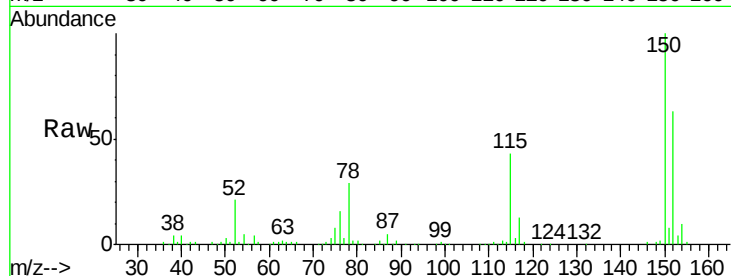
Tot Ion:152 Resp: 169044

Ion Ratio Lower Upper

152 100

150 158.2 128.9 193.3

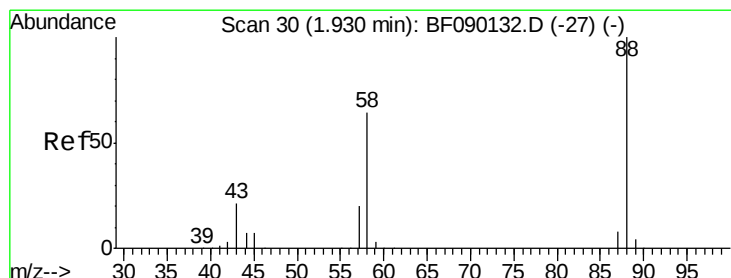
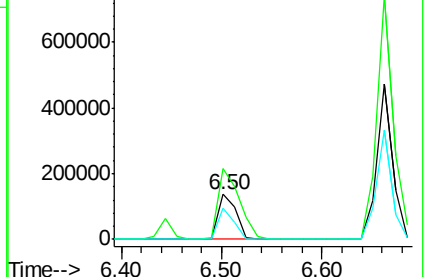
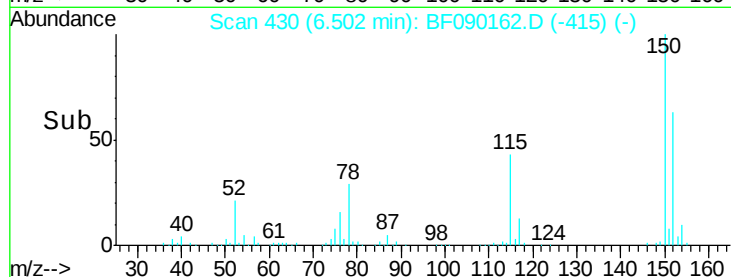
115 68.5 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.15 ng

RT: 1.99 min Scan# 35

Delta R.T. 0.06 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

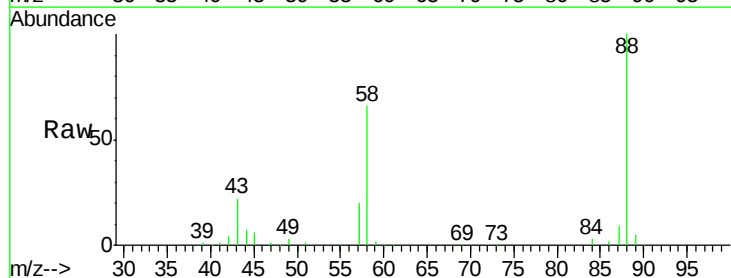
Tgt Ion: 88 Resp: 197805

Ion Ratio Lower Upper

88 100

58 66.9 53.4 80.0

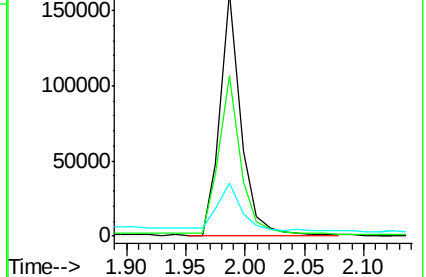
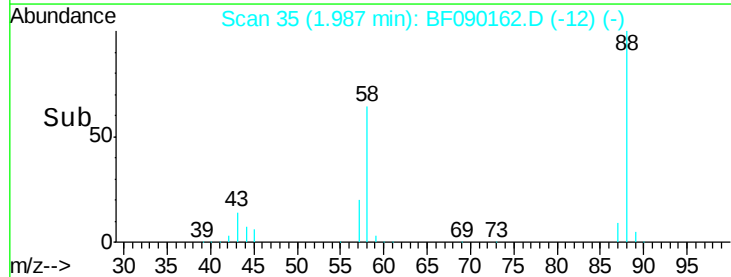
43 23.1 16.5 24.7

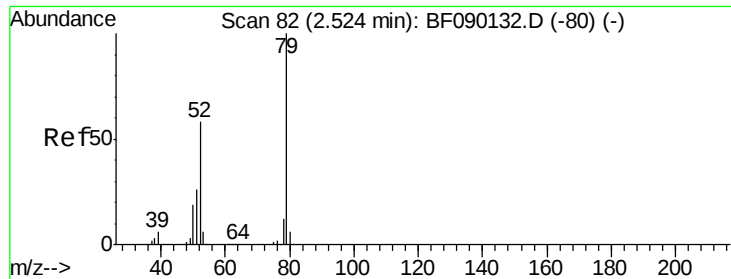


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

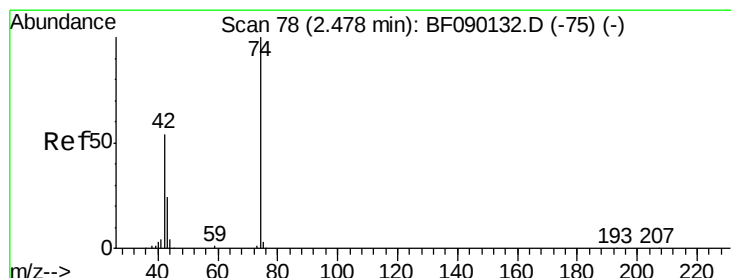
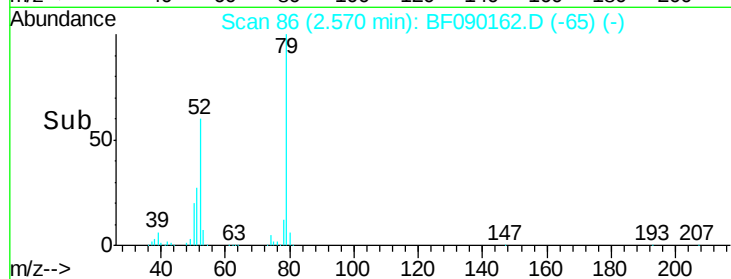
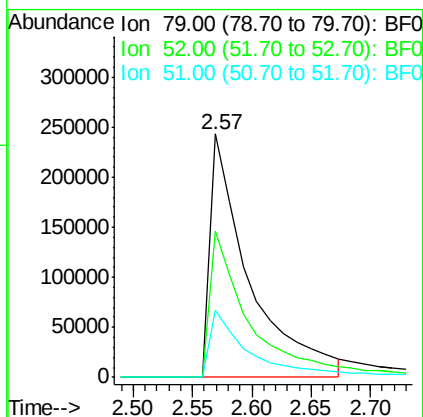
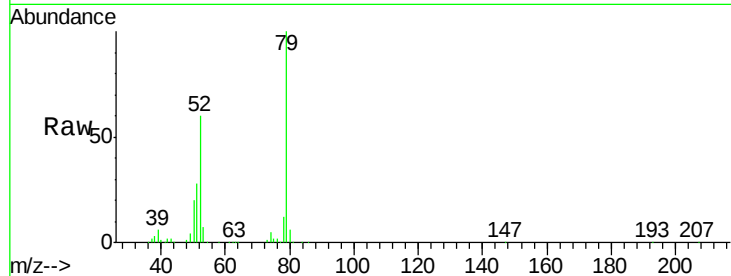




#3
 Pvridine
 Concen: 45.61 ng
 RT: 2.57 min Scan# 86
 Delta R.T. 0.05 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

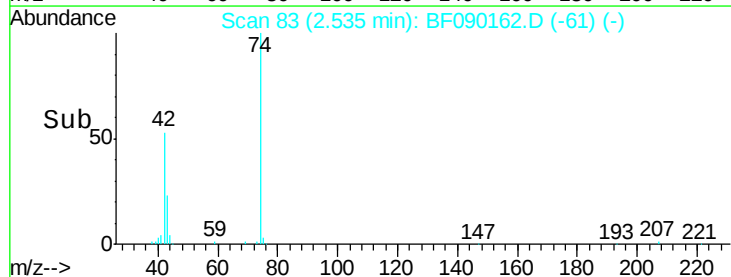
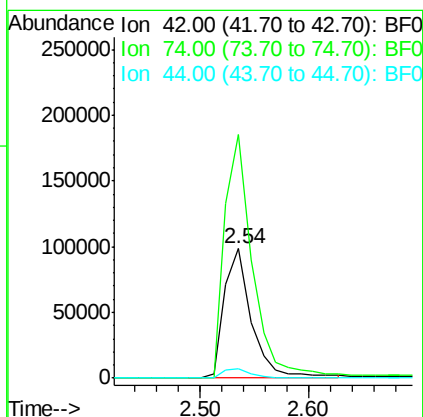
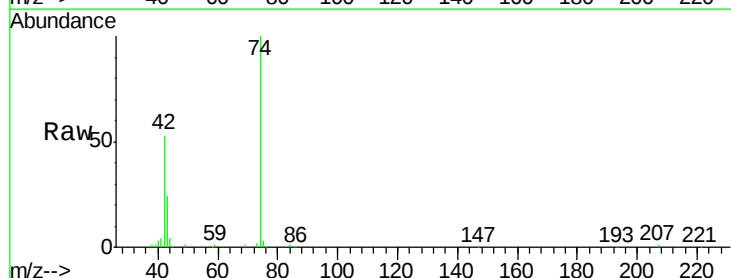
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

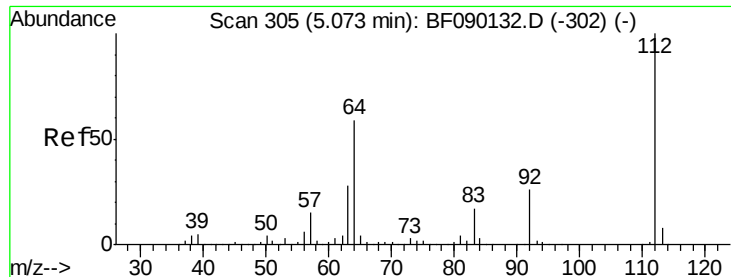
Tot Ion: 79 Resp: 556514
 Ion Ratio Lower Upper
 79 100
 52 60.2 45.9 68.9
 51 27.5 21.3 31.9



#4
 n-Nitrosodimethylamine
 Concen: 47.35 ng
 RT: 2.54 min Scan# 83
 Delta R.T. 0.06 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion: 42 Resp: 172422
 Ion Ratio Lower Upper
 42 100
 74 188.1 158.7 238.1
 44 7.7 6.4 9.6





#5

2-Fluorophenol

Concen: 122.35 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

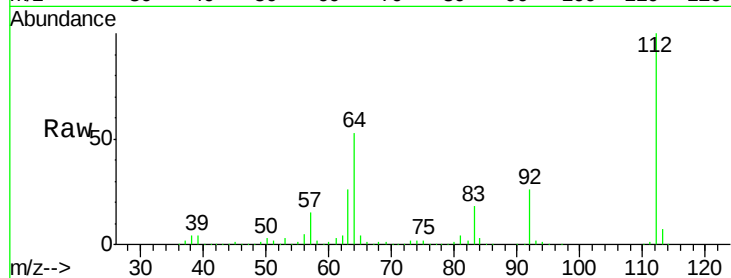
Tot Ion: 112 Resp: 1268868

Ion Ratio Lower Upper

112 100

64 53.5 39.8 59.6

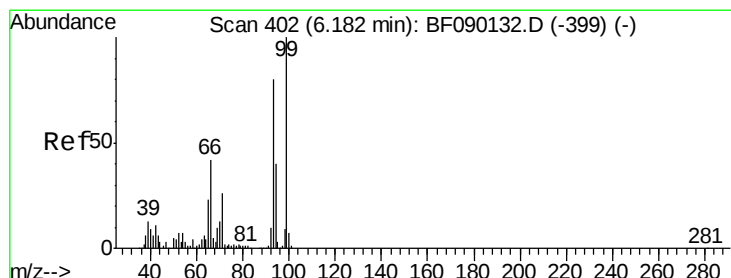
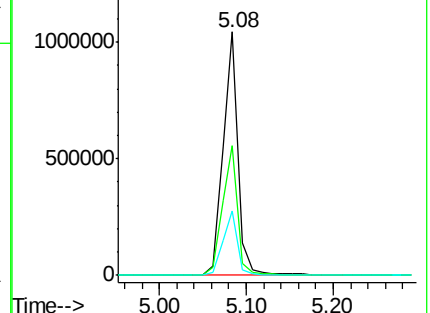
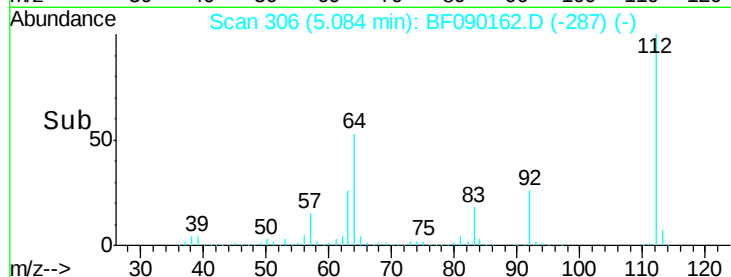
63 26.4 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.33 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

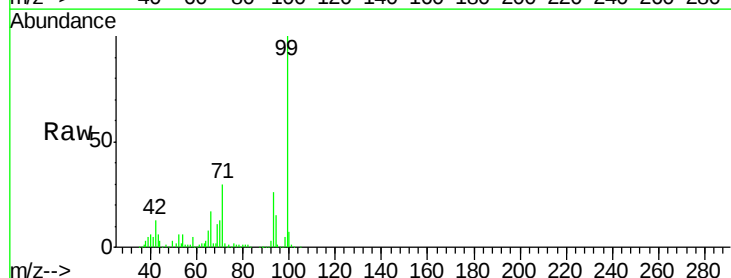
Tgt Ion: 93 Resp: 452292

Ion Ratio Lower Upper

93 100

66 65.9 54.2 81.2

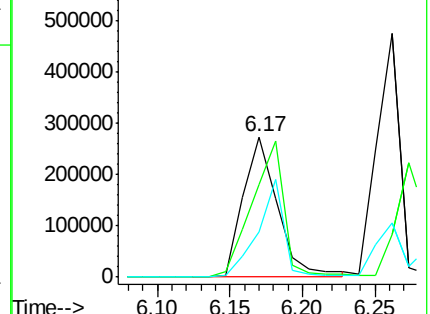
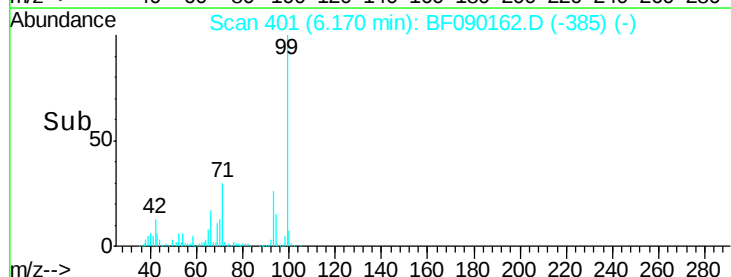
65 31.9 33.8 50.6#

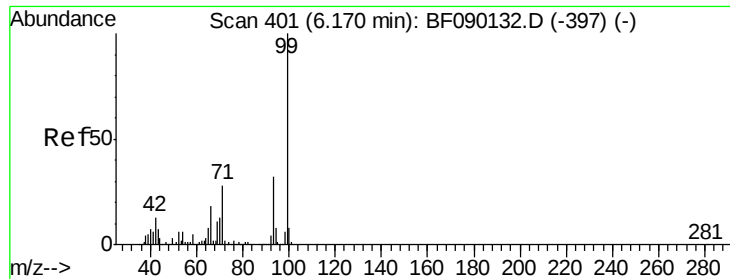


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.07 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090162.D

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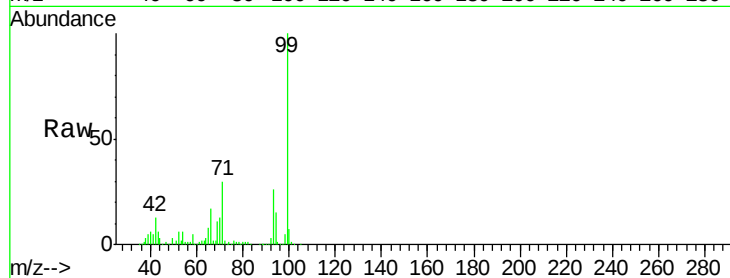
Tot Ion: 99 Resp: 1601825

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

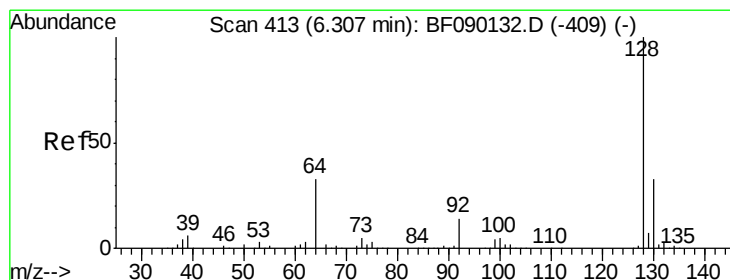
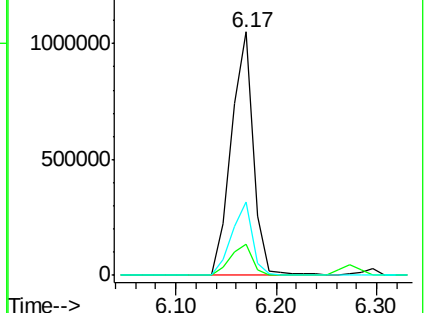
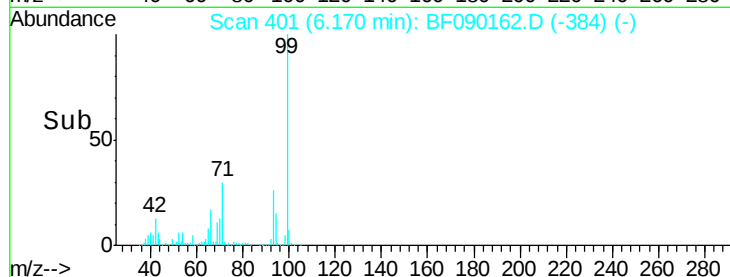
71 29.9 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.99 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

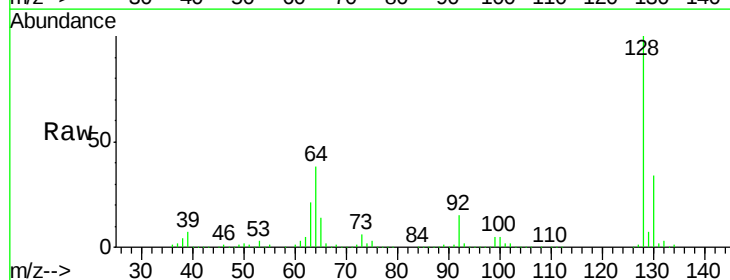
Tgt Ion:128 Resp: 524912

Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

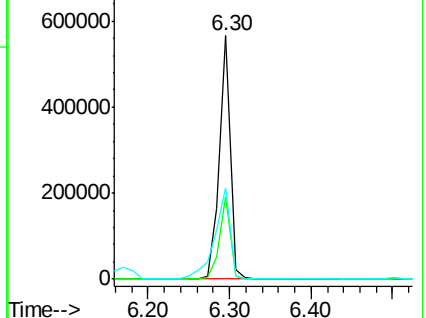
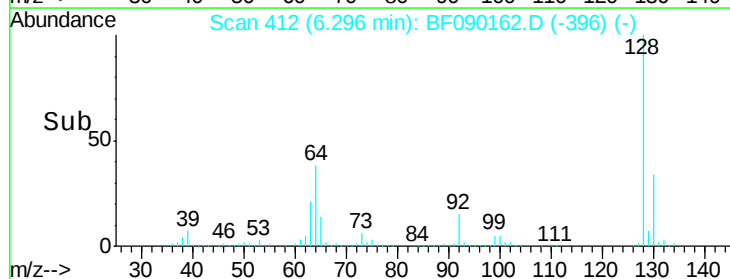
64 37.7 33.6 73.6

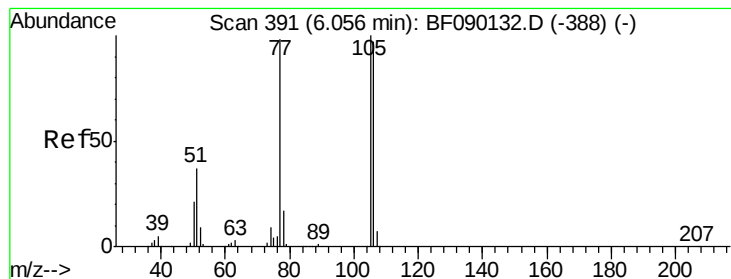


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.88 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

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PB93510BSD

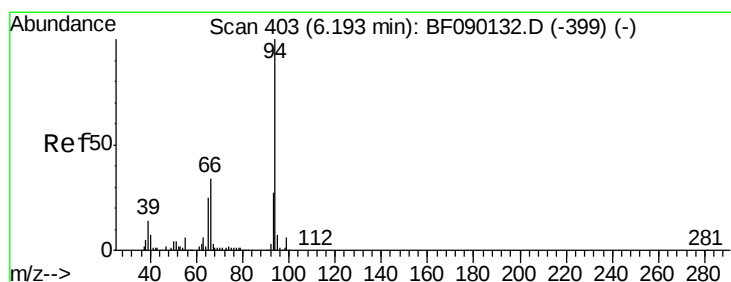
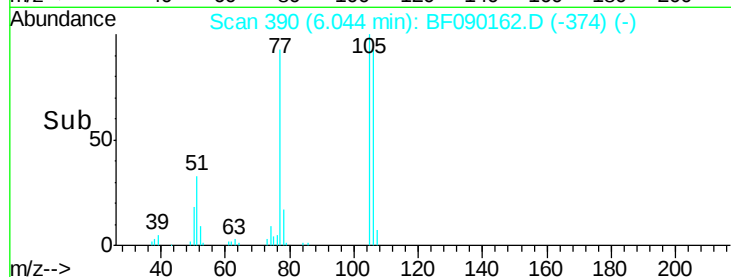
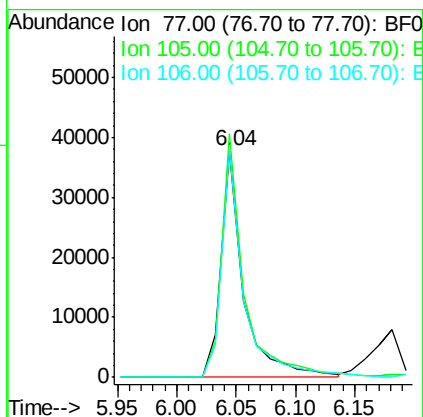
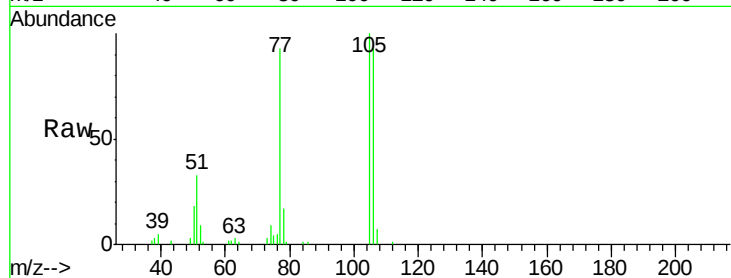
Tot Ion: 77 Resp: 49549

Ion Ratio Lower Upper

77 100

105 107.6 83.0 123.0

106 100.3 78.5 118.5



#10

Phenol

Concen: 41.42 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

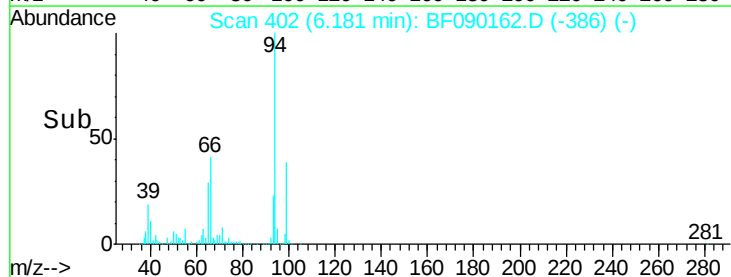
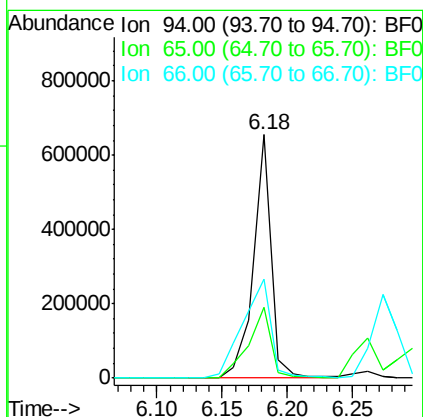
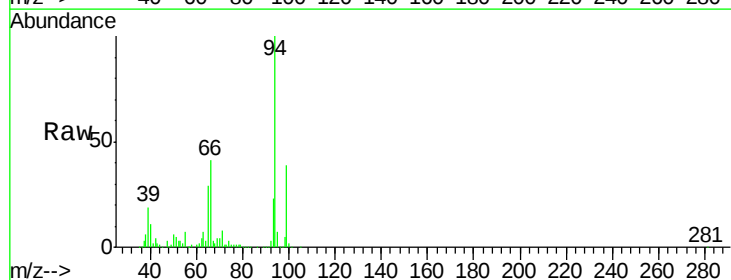
Tgt Ion: 94 Resp: 627186

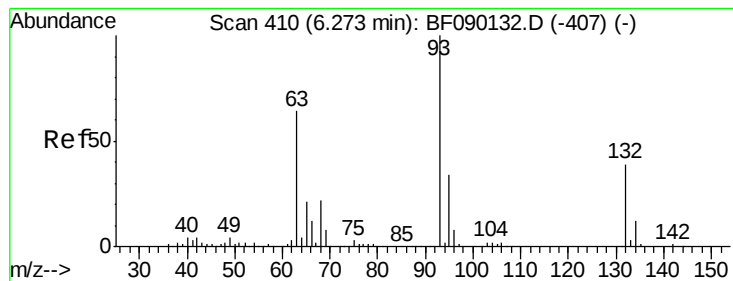
Ion Ratio Lower Upper

94 100

65 29.1 20.6 60.6

66 40.6 45.1 85.1#

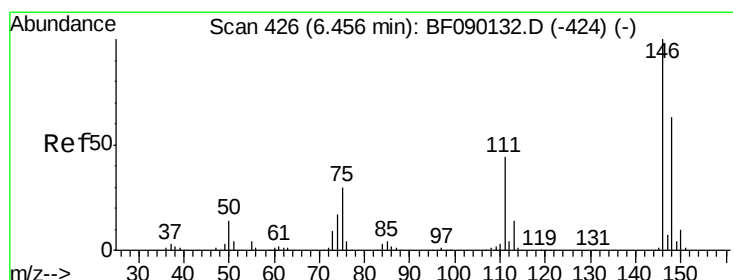
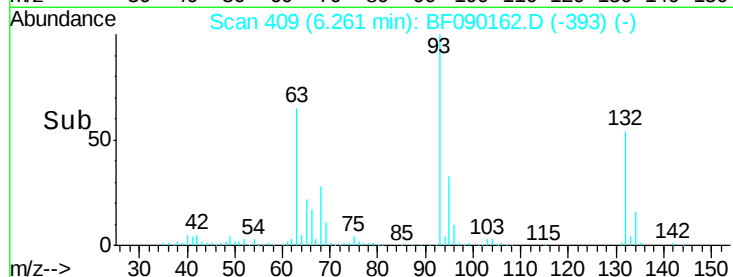
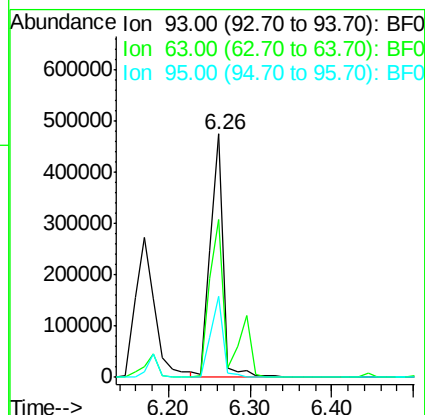
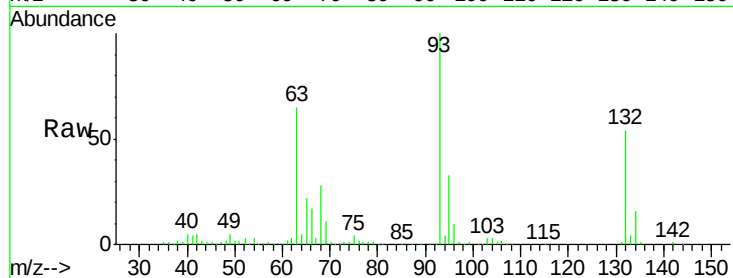




#11
bis(2-Chloroethyl)ether
Concen: 45.12 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

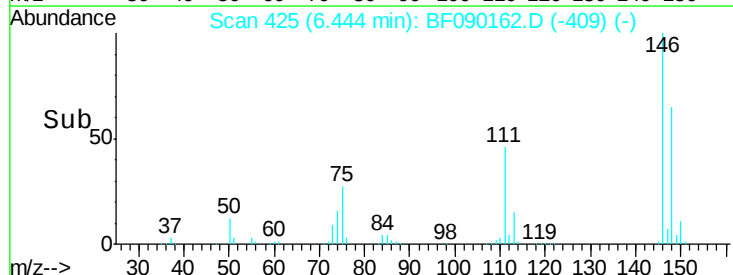
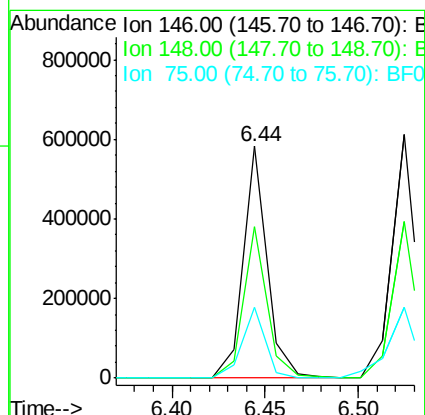
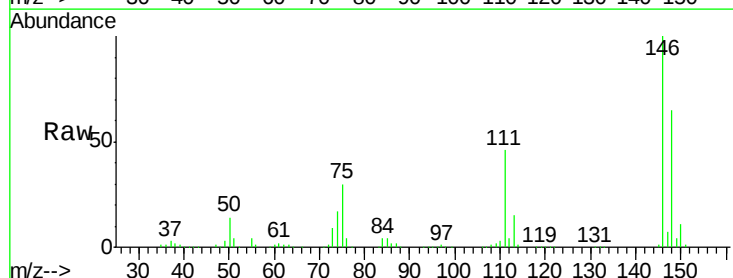
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

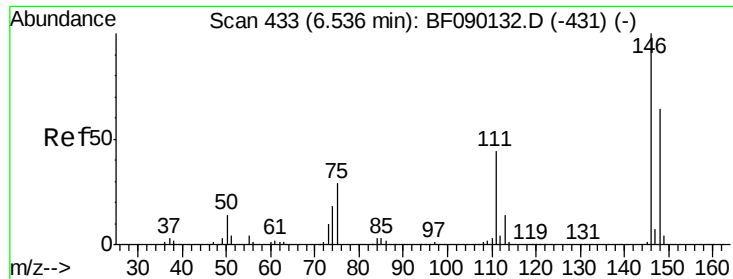
Tot Ion: 93 Resp: 532728
Ion Ratio Lower Upper
93 100
63 64.7 55.6 95.6
95 33.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.70 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion: 146 Resp: 519889
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 30.4 22.8 34.2

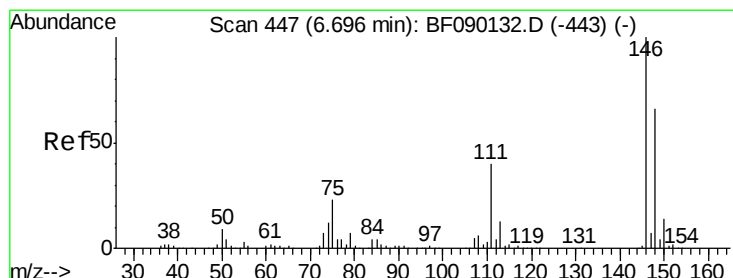
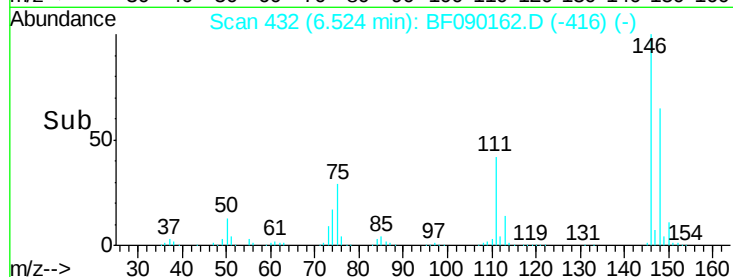
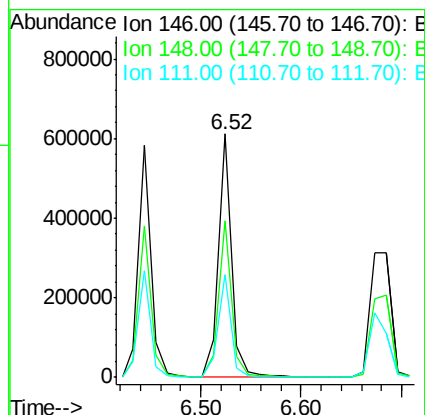
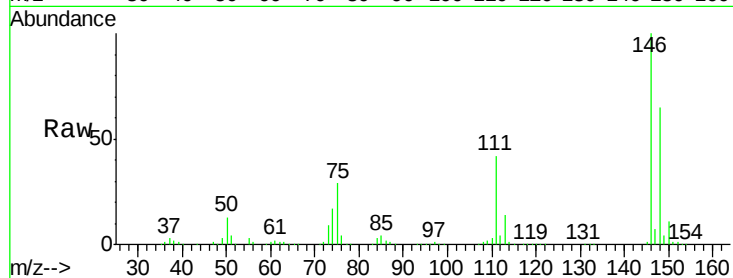




#13
 1,4-Dichlorobenzene
 Concen: 43.53 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

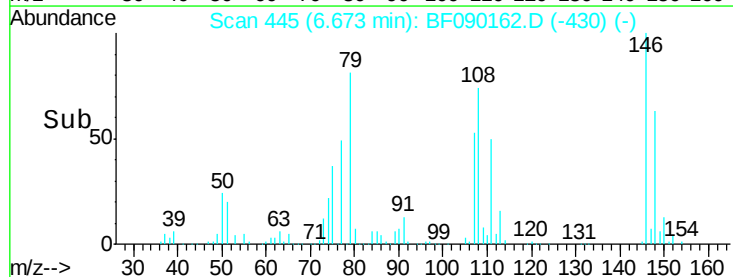
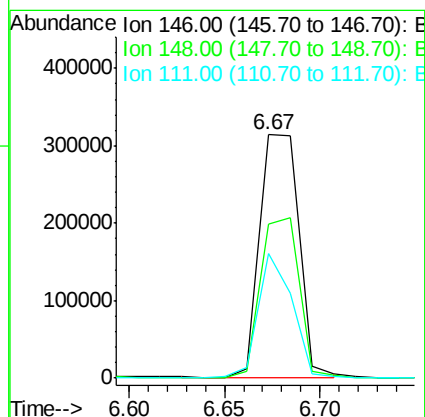
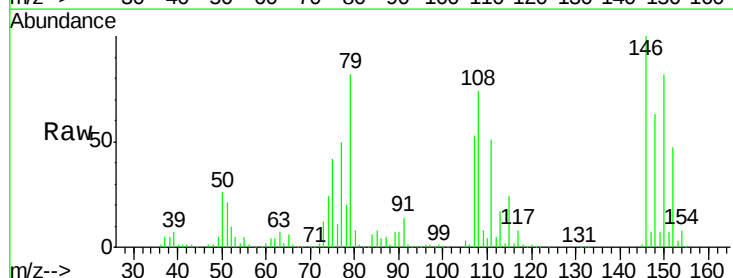
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

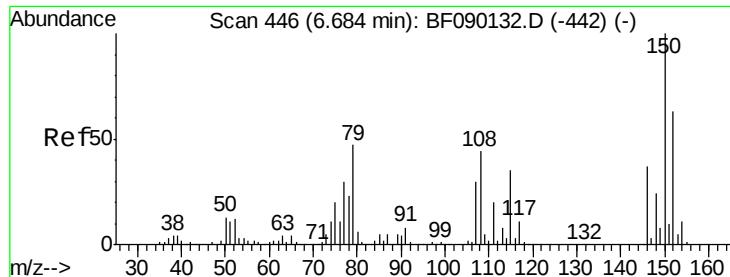
Tot Ion:146 Resp: 554111
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 42.2 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 40.05 ng m
 RT: 6.67 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion:146 Resp: 454131
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 79.0
 111 51.0 28.2 42.2#





#15

Benzyl Alcohol

Concen: 50.55 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

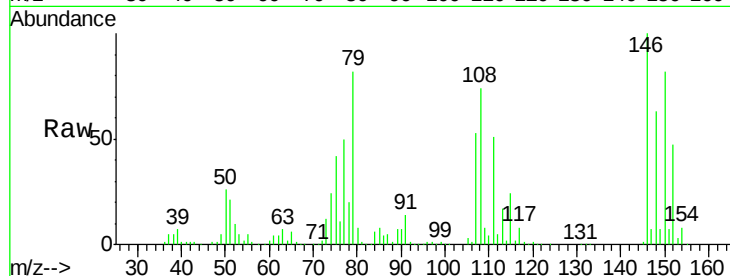
Tot Ion: 79 Resp: 386097

Ion Ratio Lower Upper

79 100

108 90.9 62.2 93.4

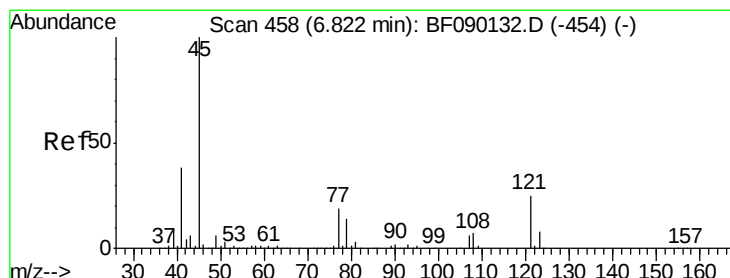
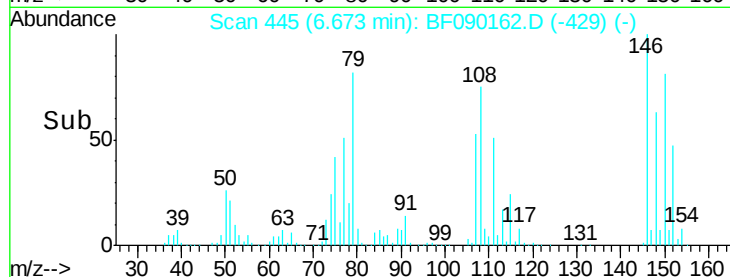
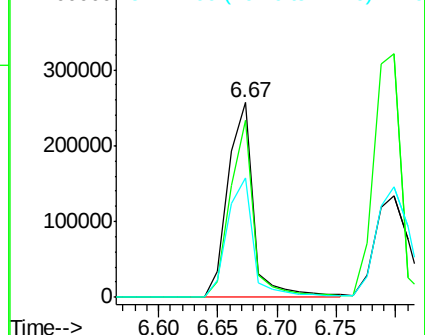
77 61.4 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.51 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

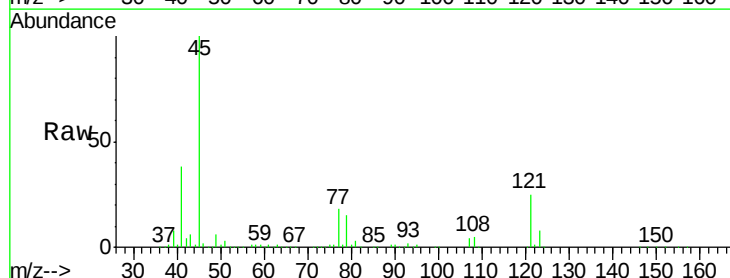
Tgt Ion: 45 Resp: 613829

Ion Ratio Lower Upper

45 100

77 18.1 0.5 40.5

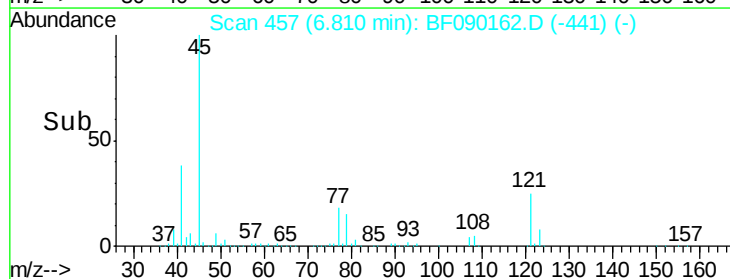
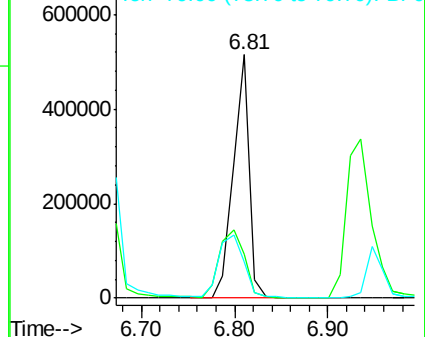
79 15.0 0.0 37.0

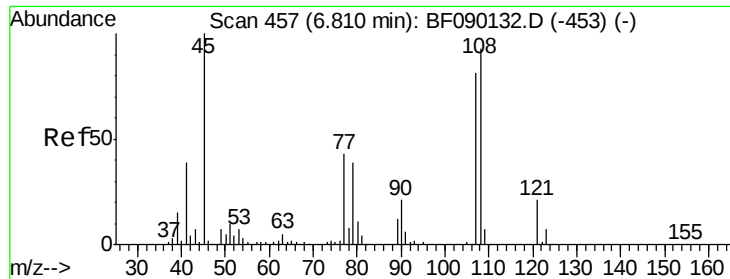


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

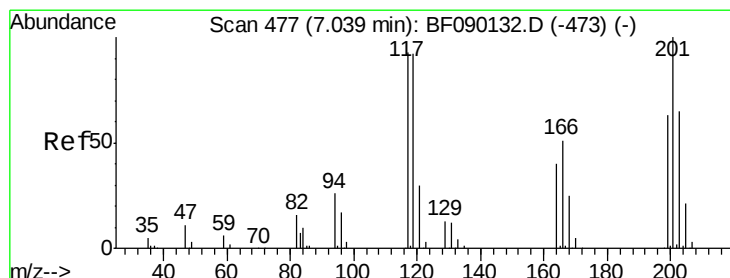
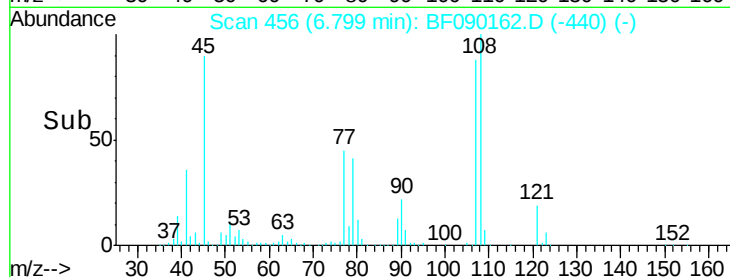
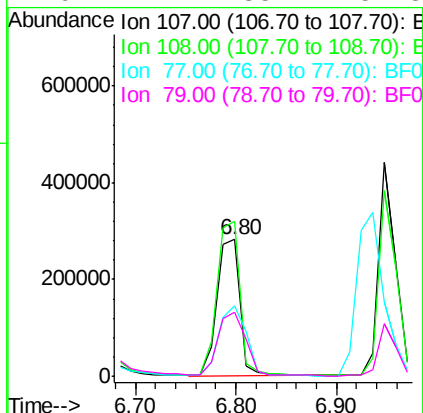
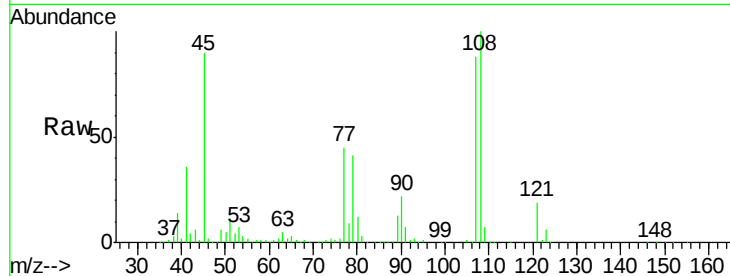




#17
2-Methylphenol
Concen: 47.77 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

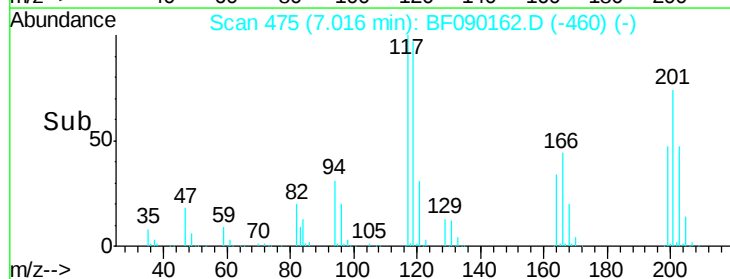
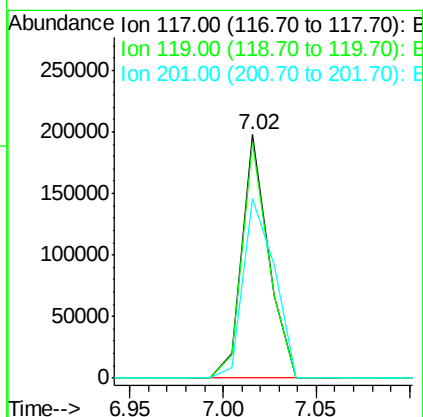
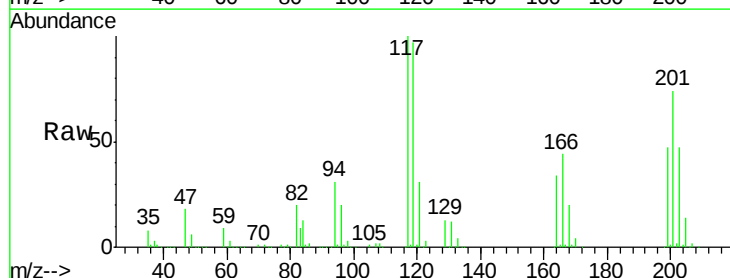
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

Tot Ion:	107	Resp:	448974
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.0	138.0
77	51.4	35.6	53.4
79	47.1	35.2	52.8



#18
Hexachloroethane
Concen: 43.15 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:	117	Resp:	195876
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	115.0
201	73.6	55.5	83.3

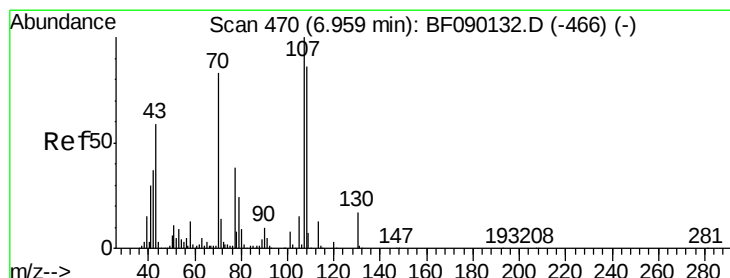
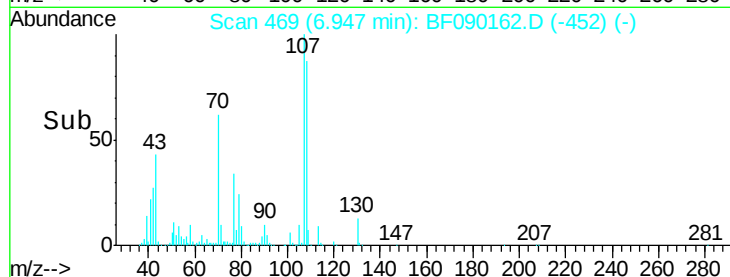
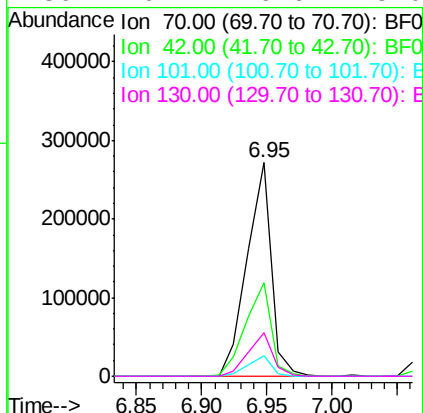
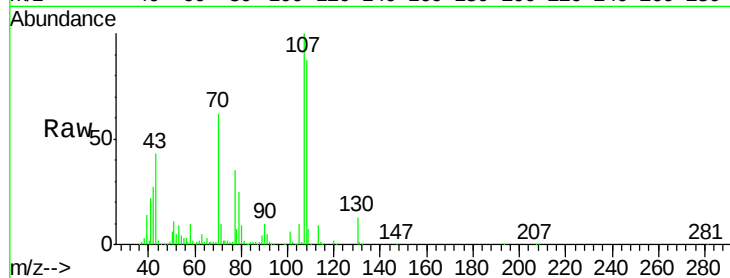




#19
n-Nitroso-di-n-propylamine
Concen: 47.11 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

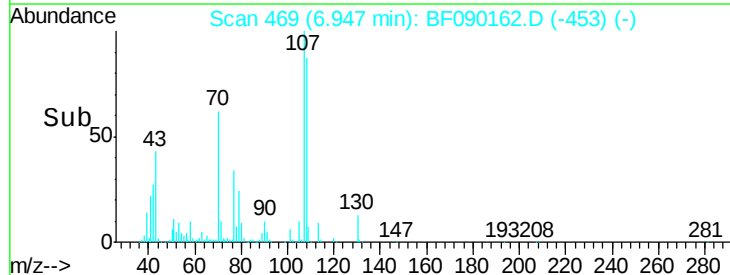
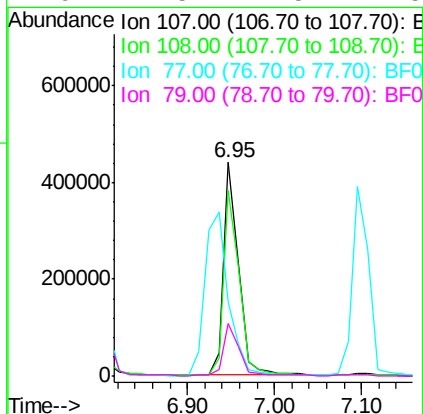
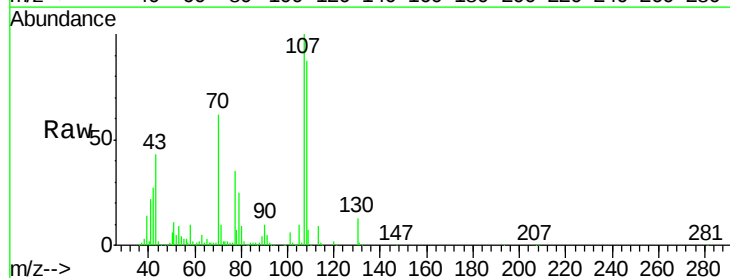
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

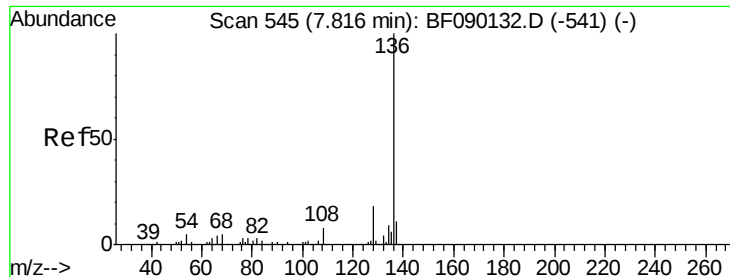
Tot Ion:	70	Resp:	354467
Ion	Ratio	Lower	Upper
70	100		
42	44.0	35.1	52.7
101	9.6	7.5	11.3
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.67 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:	107	Resp:	537981
Ion	Ratio	Lower	Upper
107	100		
108	87.2	73.3	113.3
77	34.8	14.1	54.1
79	24.5	7.5	47.5

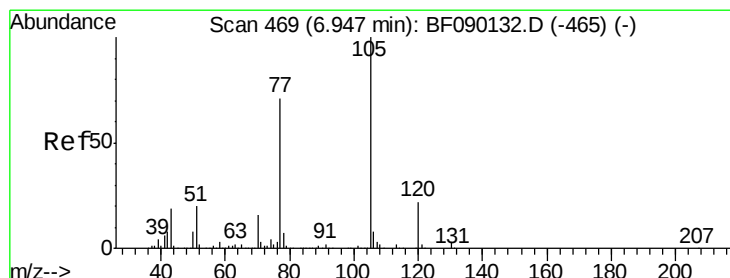
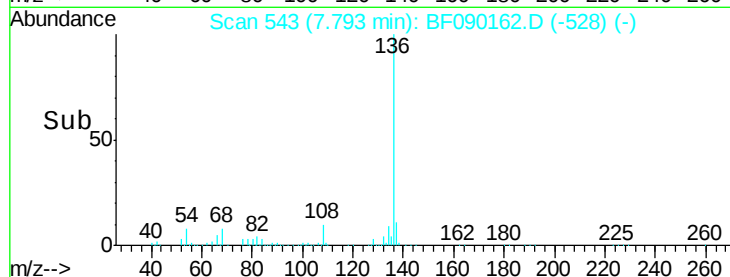
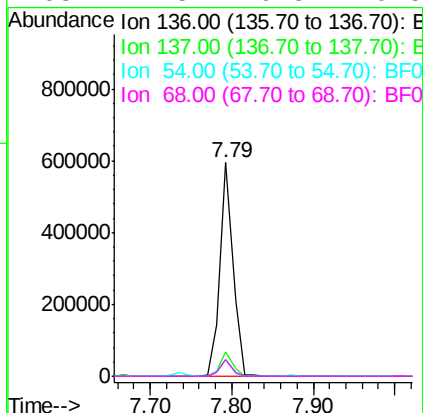
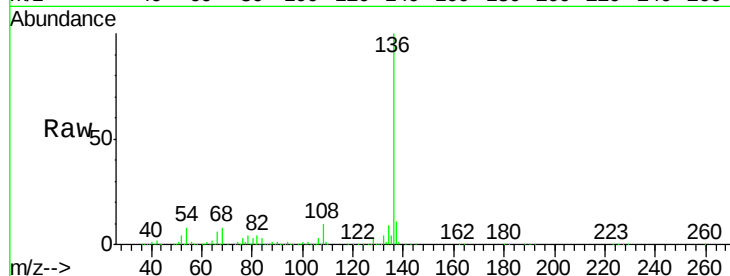




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

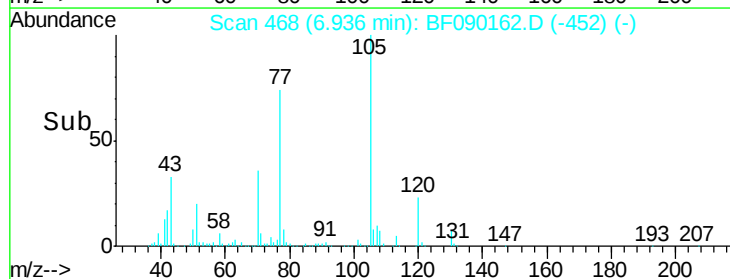
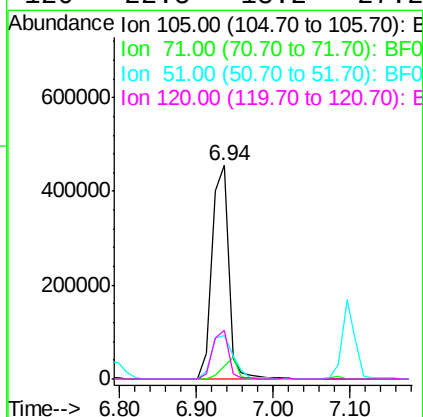
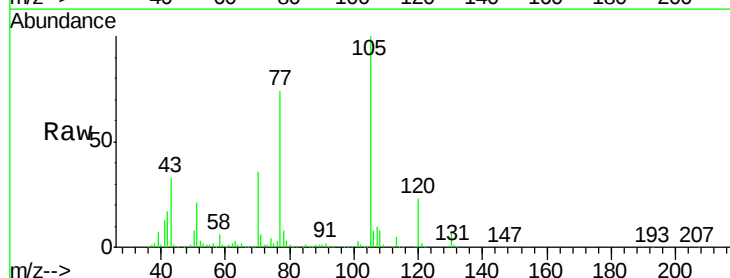
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

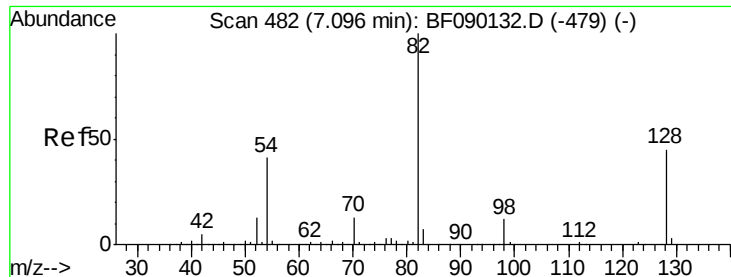
Tot Ion:136	Resp:	664129	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.0	13.4	
54 7.7	6.4	9.6	
68 7.5	6.3	9.5	



#22
Acetophenone
Concen: 42.70 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt	Ion:105	Resp:	683885
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.1	6.1
51	20.6	16.2	24.2
120	22.5	18.2	27.2

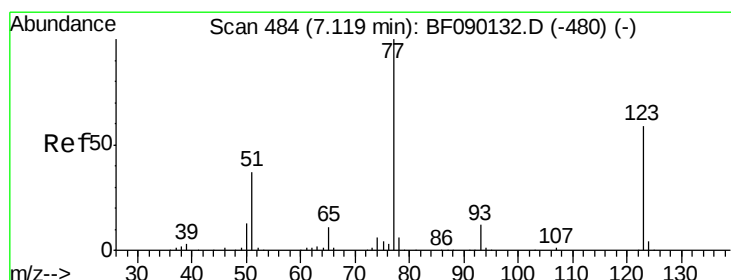
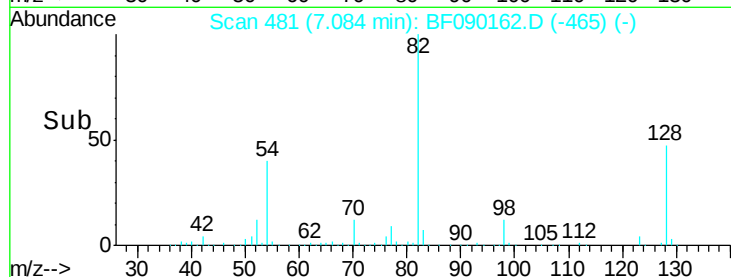
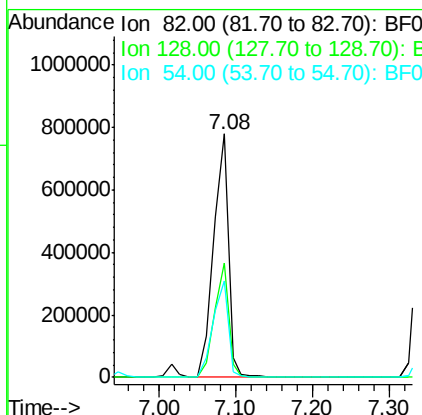
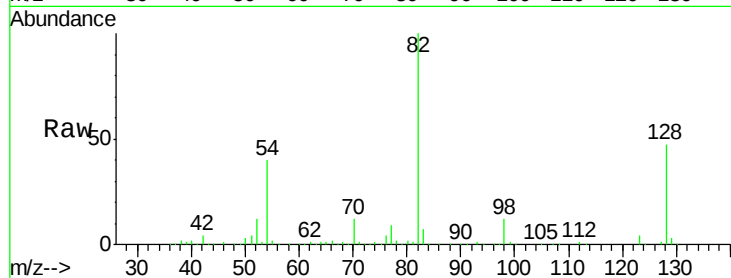




#23
 Nitrobenzene-d5
 Concen: 91.59 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

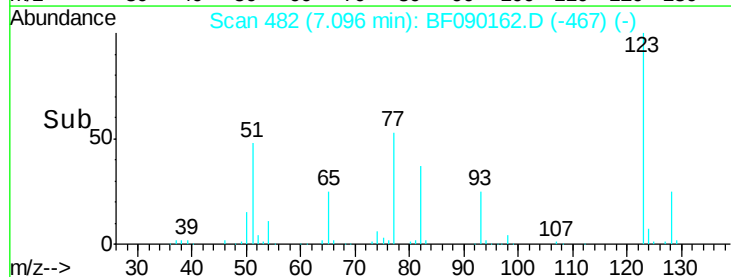
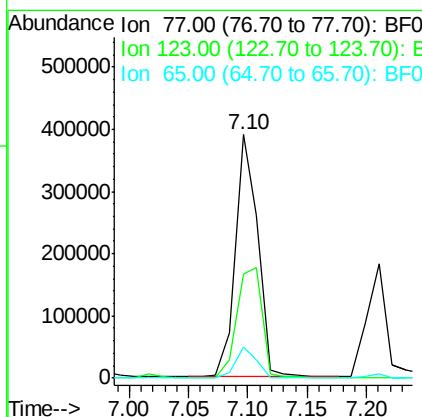
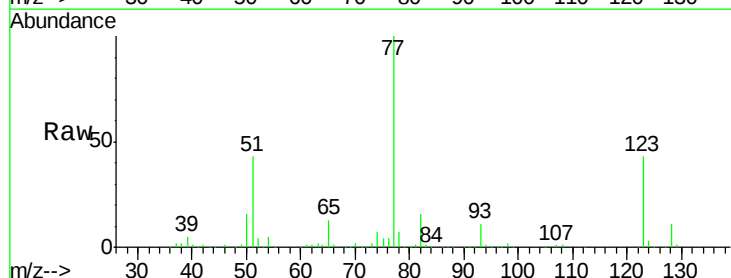
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

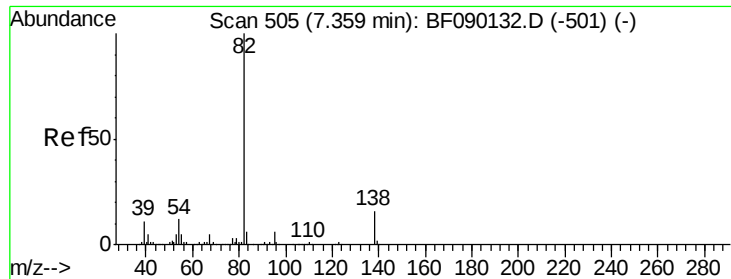
Tot Ion: 82 Resp: 1049318
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.5 56.3
 54 39.8 31.9 47.9



#24
 Nitrobenzene
 Concen: 42.63 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion: 77 Resp: 508936
 Ion Ratio Lower Upper
 77 100
 123 42.9 33.4 50.2
 65 12.5 10.1 15.1





#25

Isophorone

Concen: 44.08 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

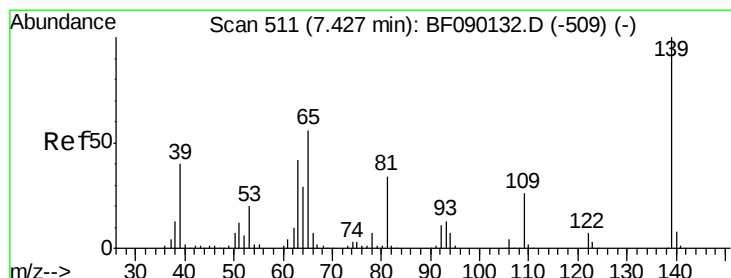
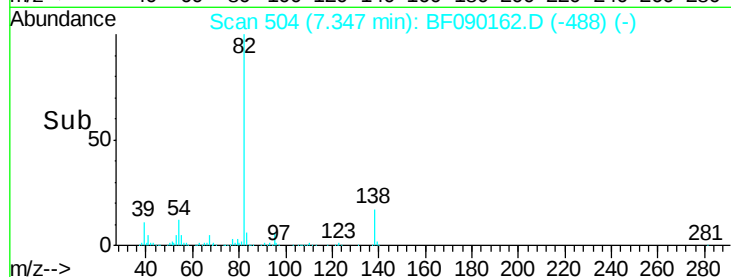
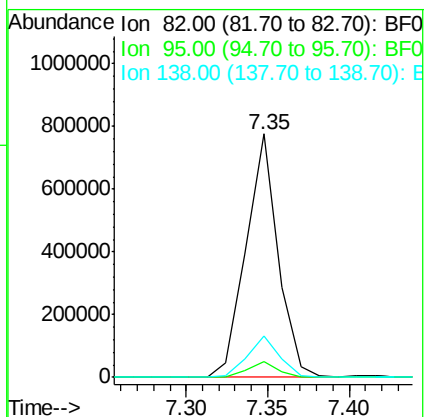
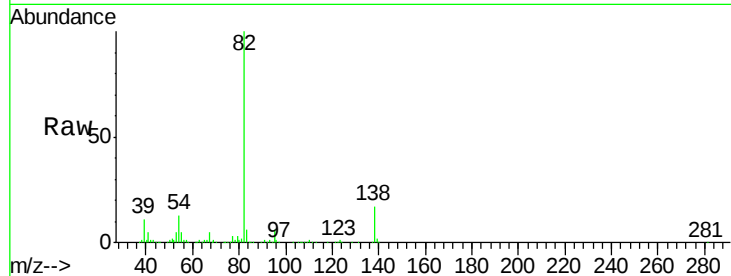
Tot Ion: 82 Resp: 1055068

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 16.9 13.5 20.3



#26

2-Nitrophenol

Concen: 46.08 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

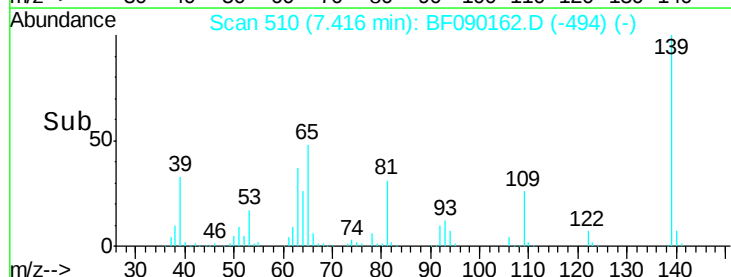
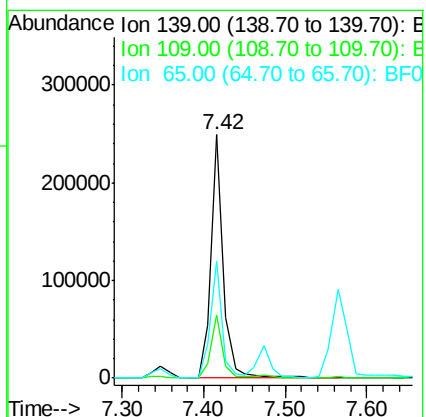
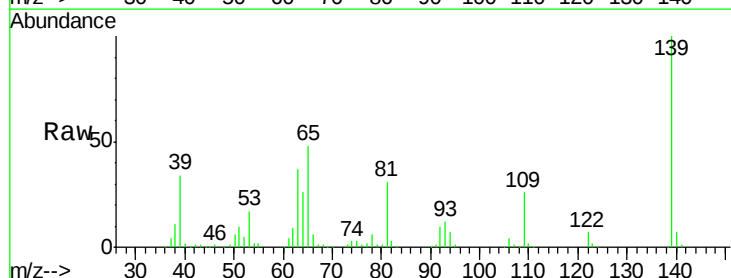
Tgt Ion: 139 Resp: 270858

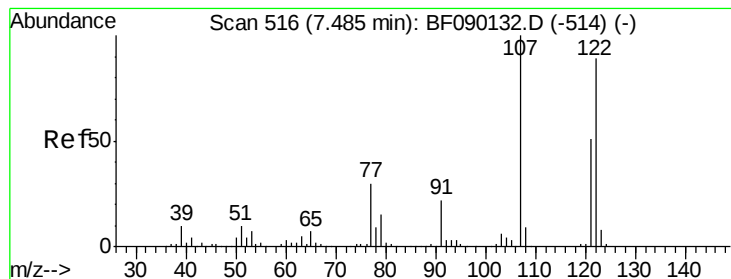
Ion Ratio Lower Upper

139 100

109 25.9 20.5 30.7

65 48.1 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.81 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

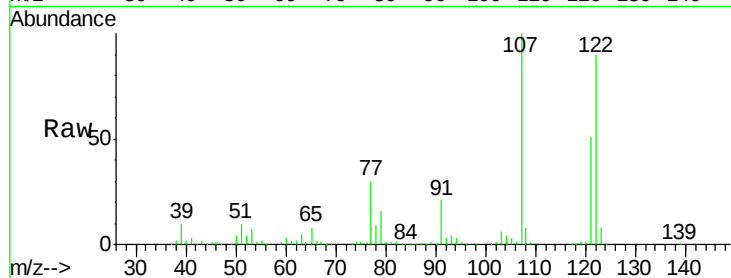
Tot Ion:122 Resp: 467931

Ion Ratio Lower Upper

122 100

107 111.3 87.8 131.6

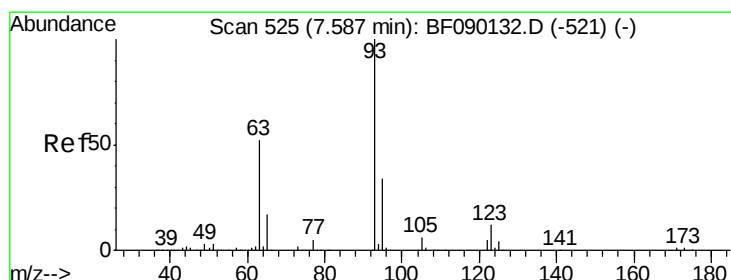
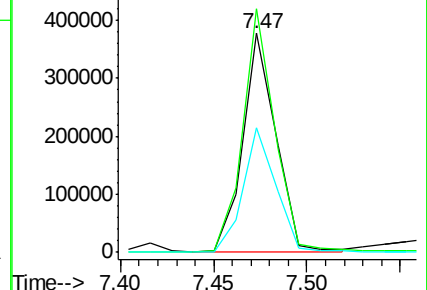
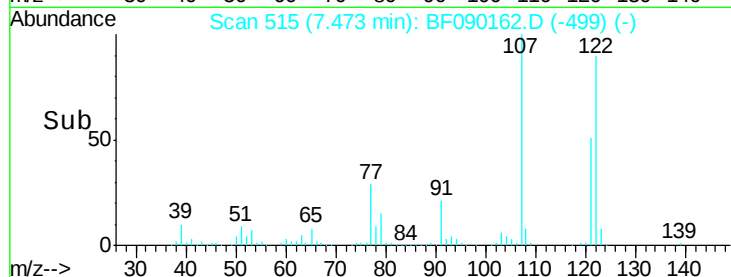
121 57.2 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.72 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

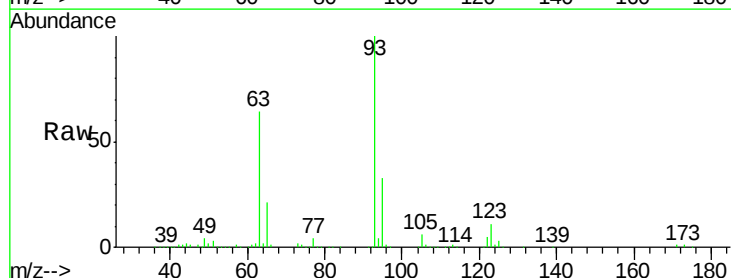
Tgt Ion: 93 Resp: 633057

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

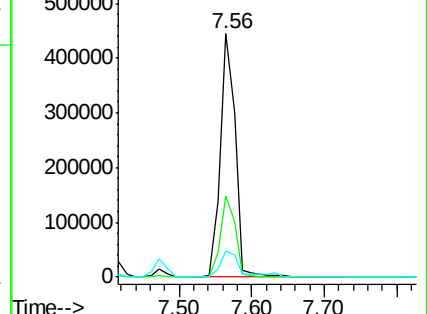
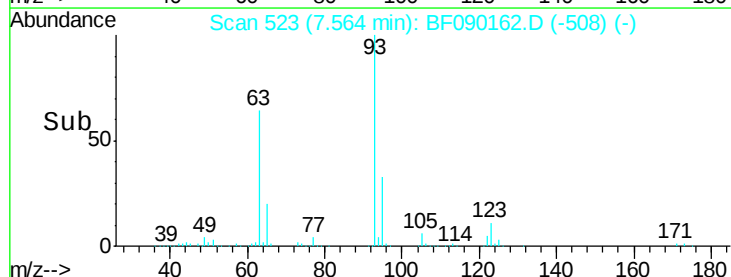
123 10.7 8.5 12.7

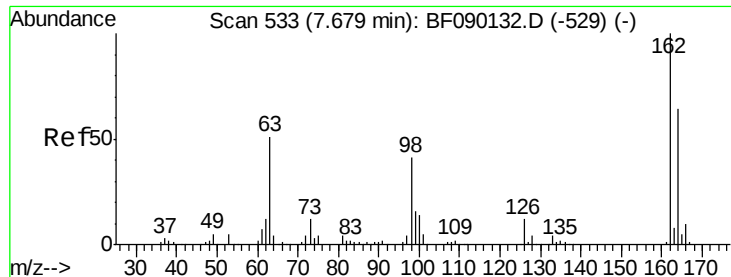


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

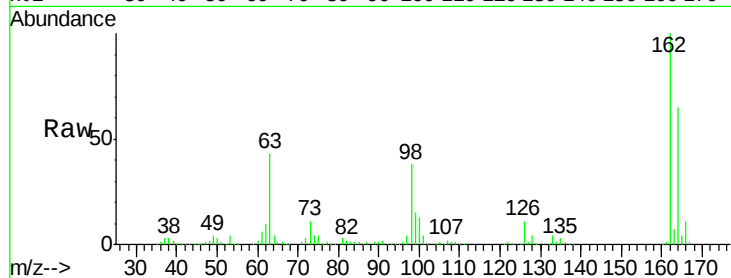




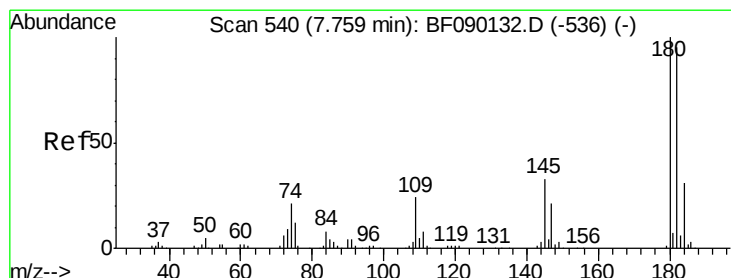
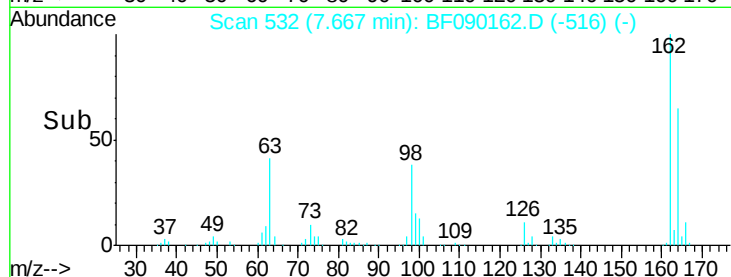
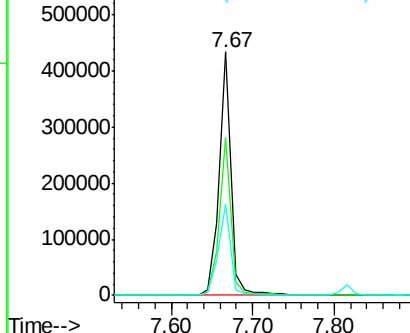
#29
 2,4-Dichlorophenol
 Concen: 48.01 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.2	86.2
98	37.7	10.4	50.4

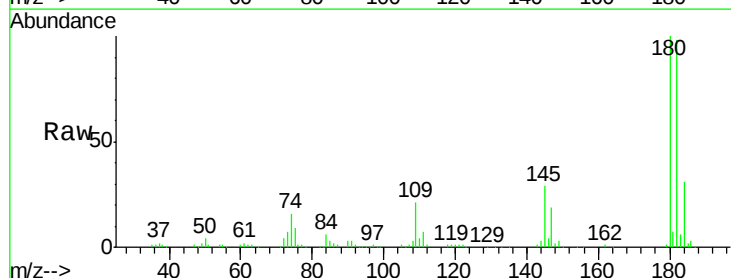


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

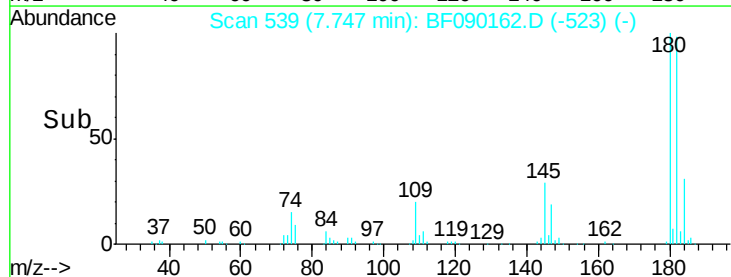
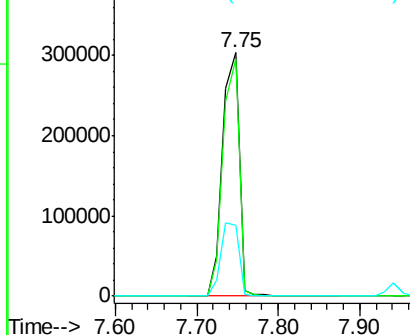


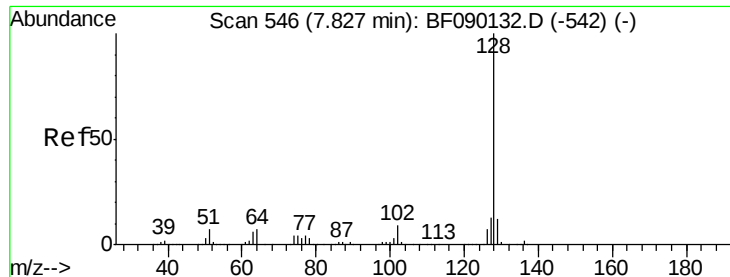
#30
 1,2,4-Trichlorobenzene
 Concen: 47.00 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.0	112.6
145	29.0	28.6	42.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.48 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

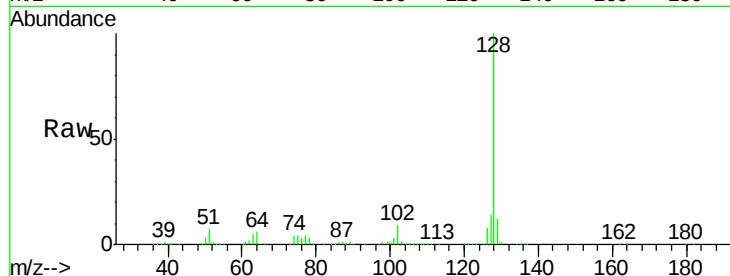
Tot Ion:128 Resp: 1406513

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

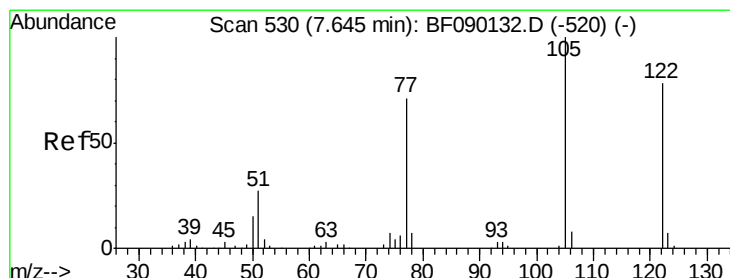
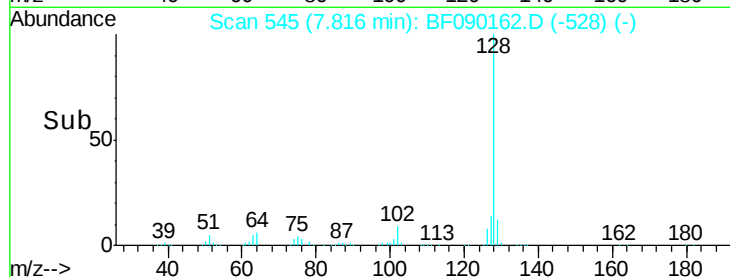
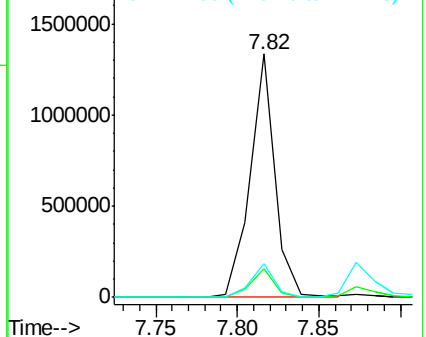
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.88 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

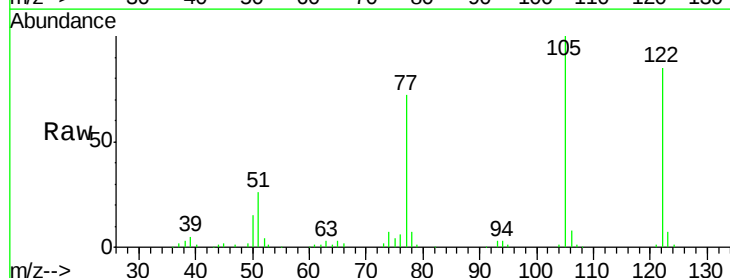
Tgt Ion:122 Resp: 278712

Ion Ratio Lower Upper

122 100

105 117.2 105.0 145.0

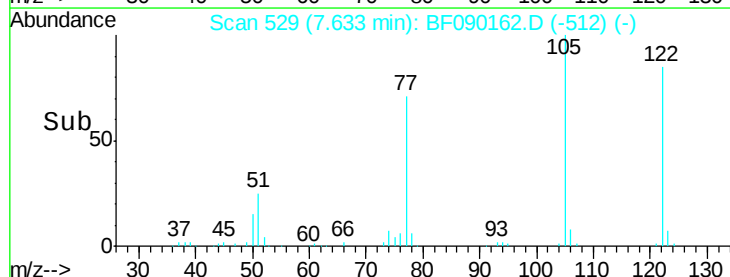
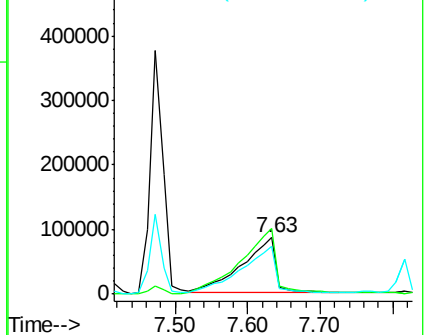
77 84.4 70.4 110.4

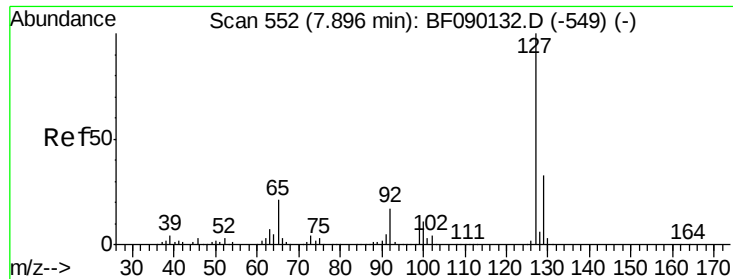


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

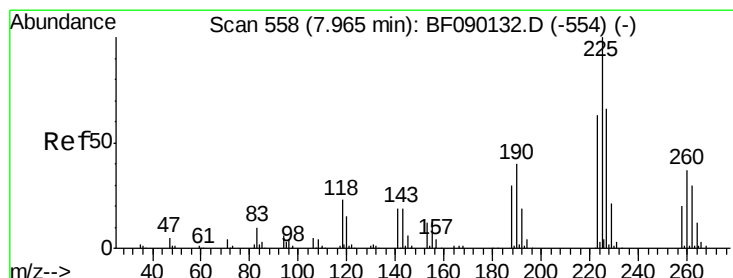
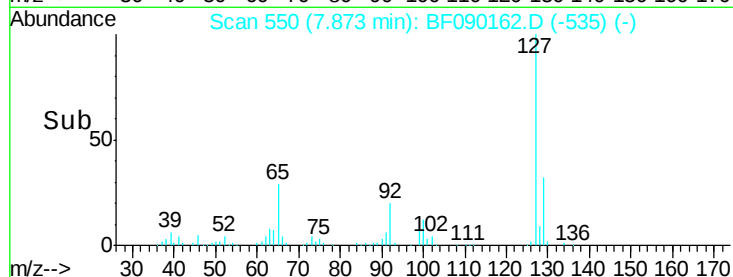
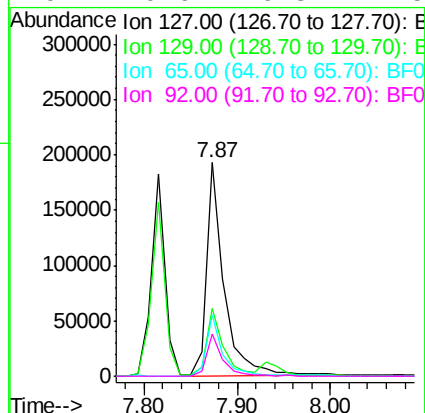
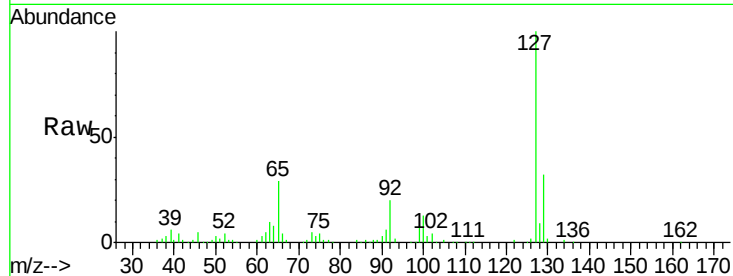




#33
4-Chloroaniline
Concen: 19.21 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

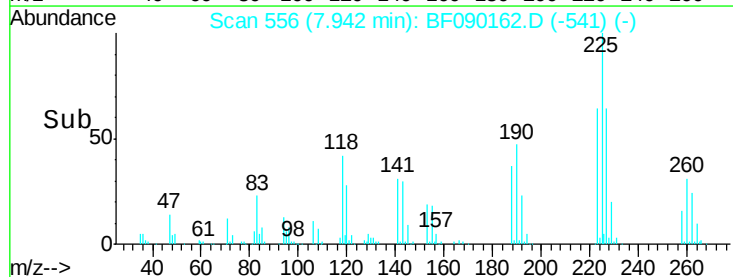
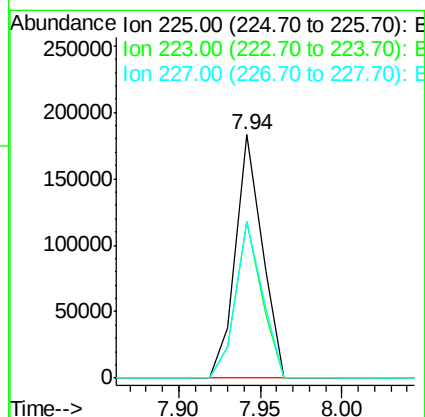
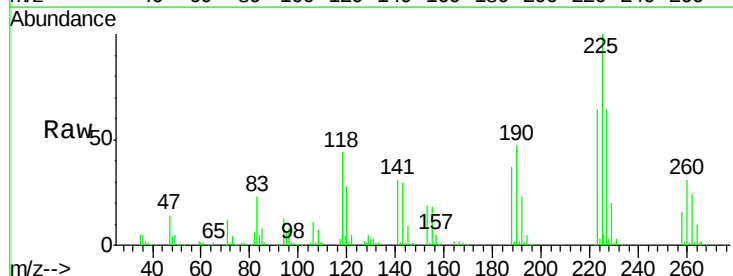
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

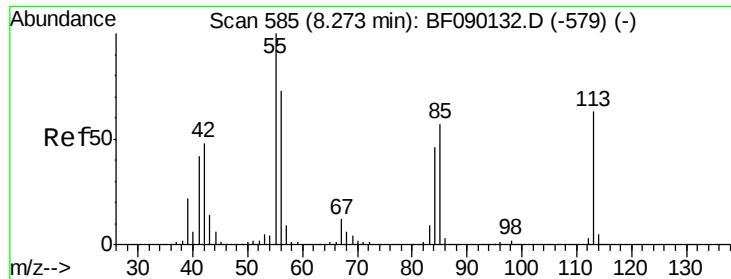
Tot Ion:	127	Resp:	251998
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.1	24.1	36.1
92	19.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 42.98 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:	225	Resp:	207444
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	64.4	51.4	77.0





#35

Caprolactam

Concen: 49.80 ng/mL

RT: 8.26 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleID :

PB93510BSD

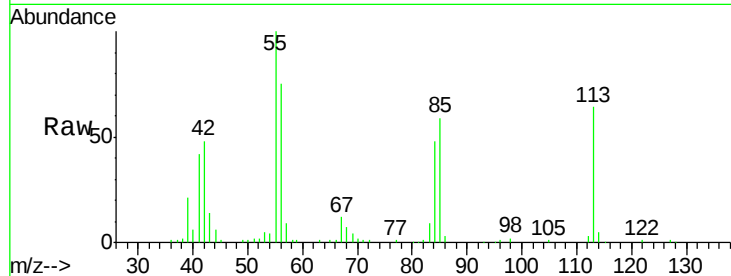
Tot Ion:113 Resp: 150992

Ion Ratio Lower Upper

113 100

55 155.5 134.5 174.5

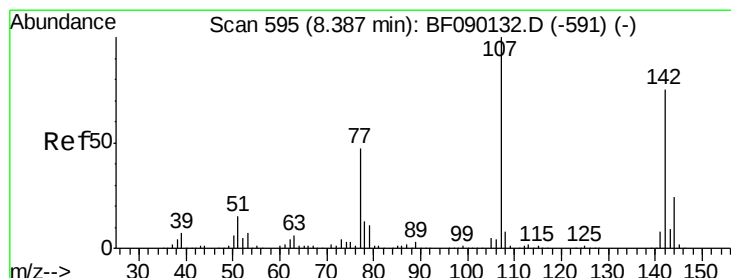
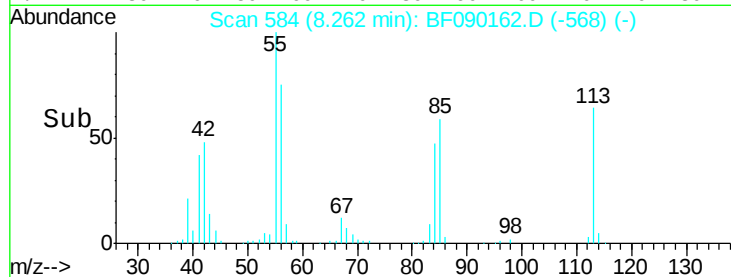
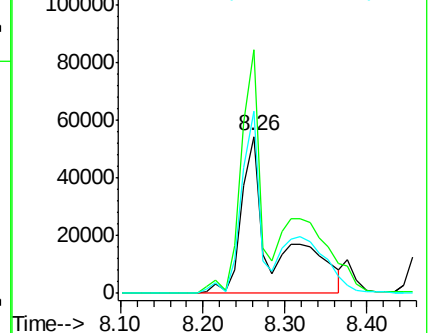
56 116.0 93.7 133.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.38 ng/mL

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

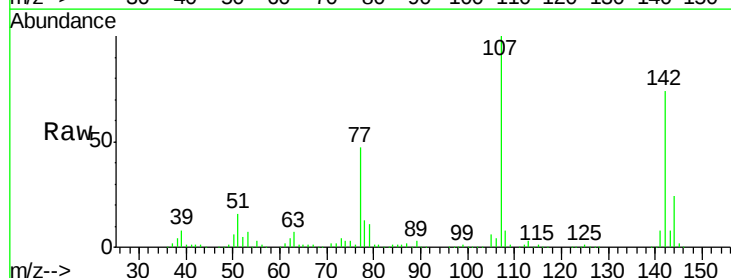
Tgt Ion:107 Resp: 469826

Ion Ratio Lower Upper

107 100

144 23.6 18.6 27.8

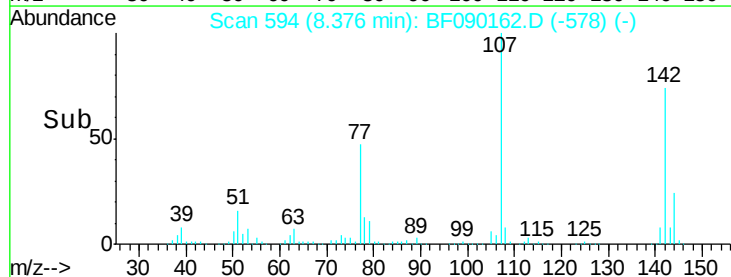
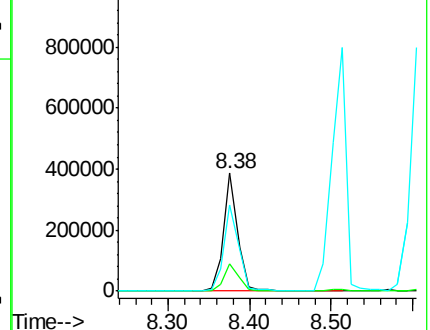
142 73.7 57.0 85.6

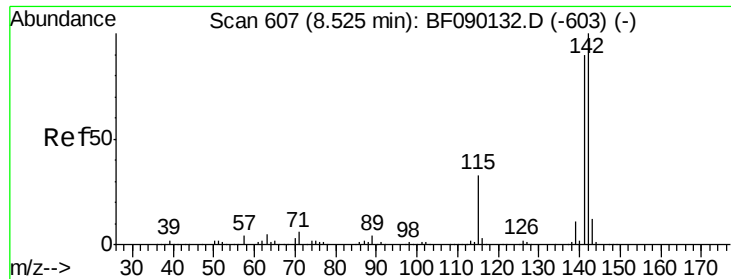


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

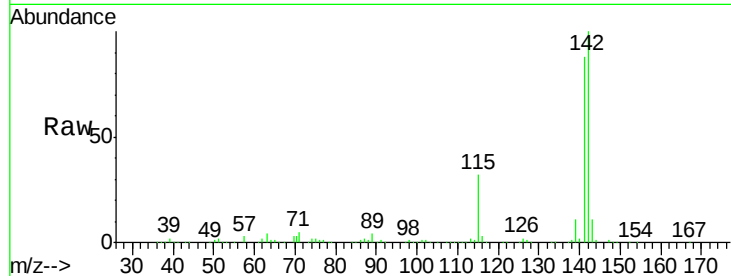




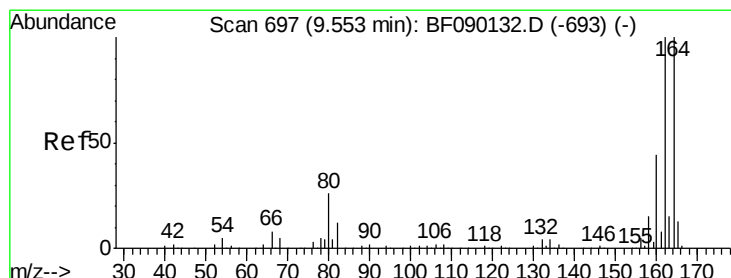
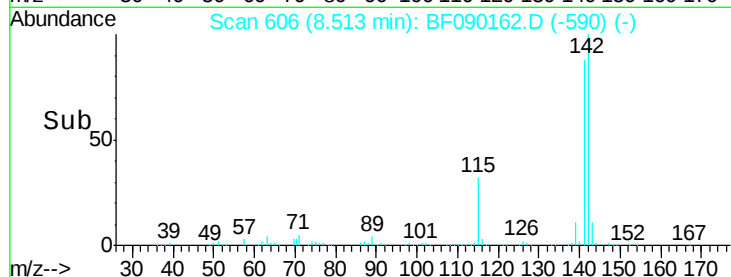
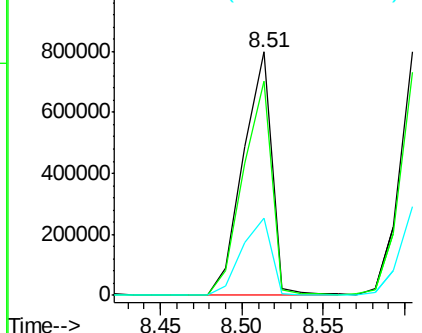
#37
 2-Methylnaphthalene
 Concen: 49.08 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion:142 Resp: 965218
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.4 107.2
 115 31.7 28.3 42.5

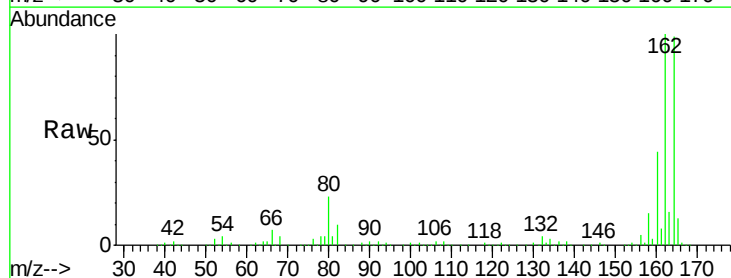


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

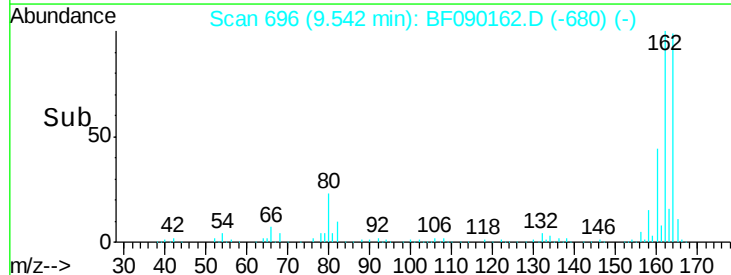
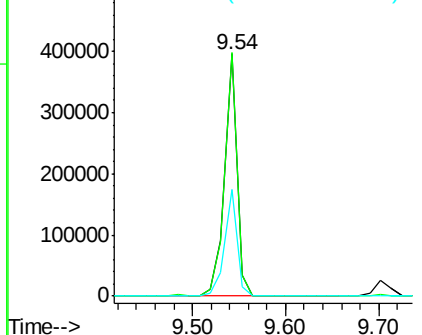


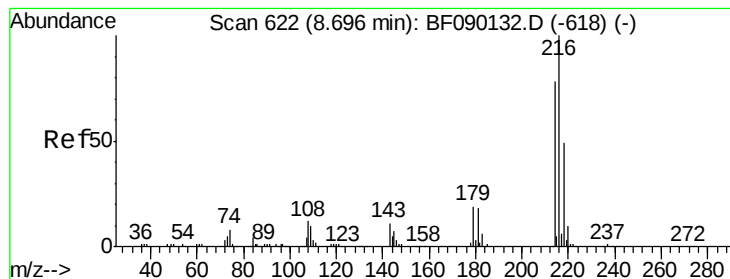
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion:164 Resp: 366792
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.4 122.2
 160 43.9 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.37 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

Tot Ion:216 Resp: 289404

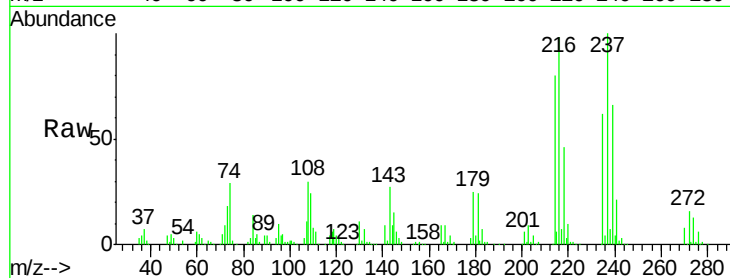
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 21.9 18.5 27.7

108 24.9 19.5 29.3

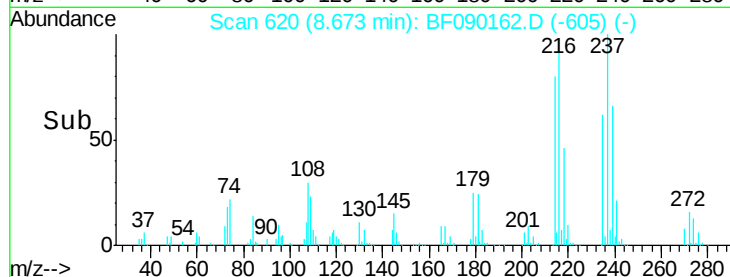


Abundance Ion 216.00 (215.70 to 216.70): E

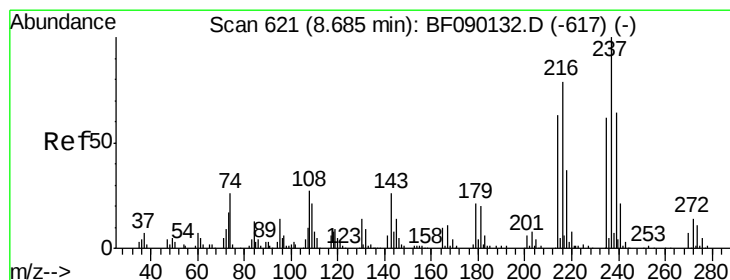
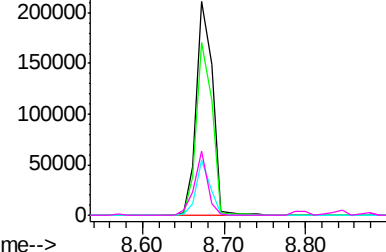
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 83.72 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

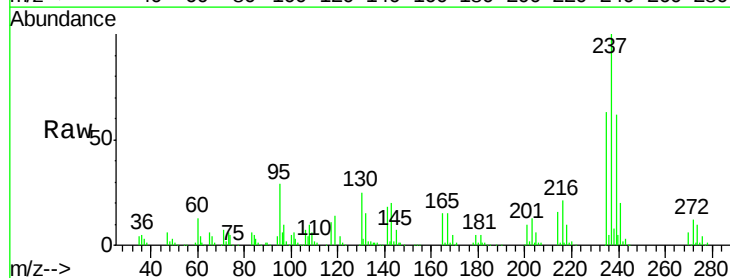
Tgt Ion:237 Resp: 347814

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

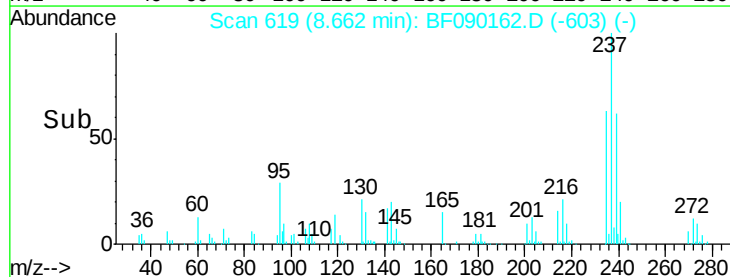
272 12.1 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

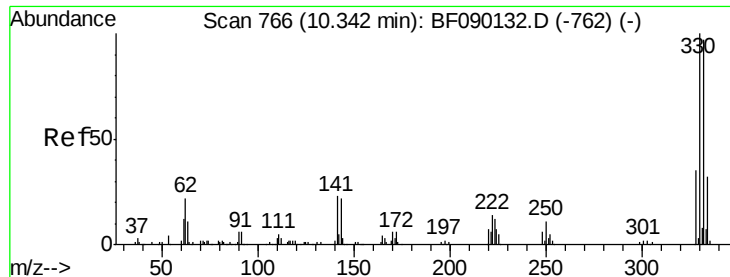
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

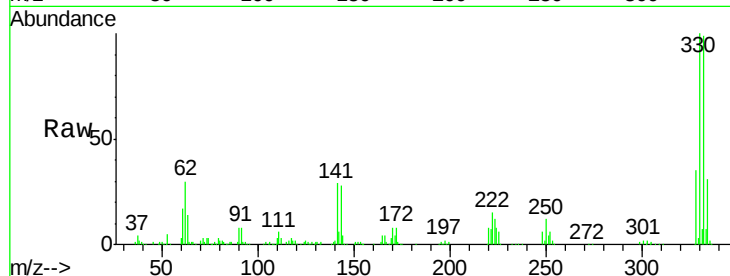




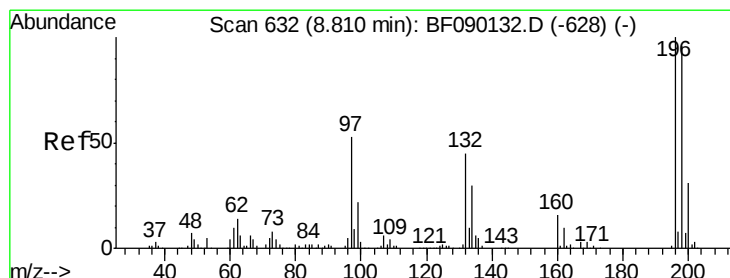
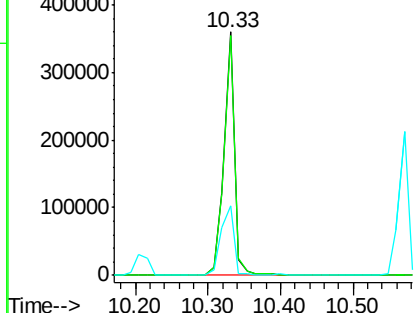
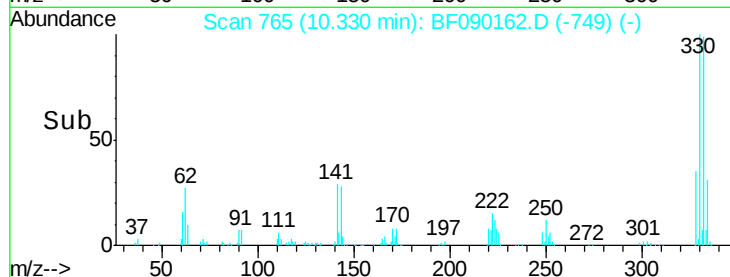
#41
 2,4,6-Tribromophenol
 Concen: 117.40 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.1	117.1
141	35.6	23.9	35.9

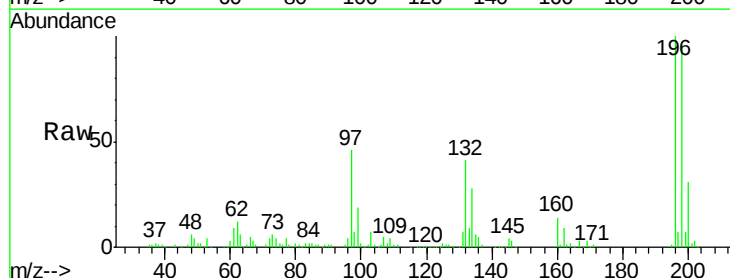


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

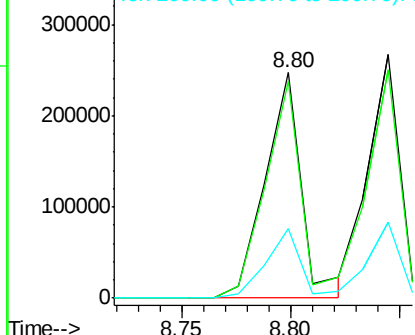
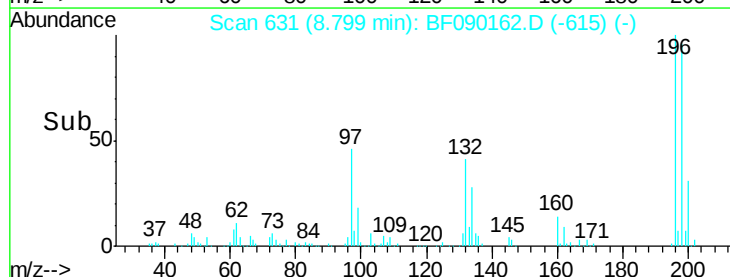


#42
 2,4,6-Trichlorophenol
 Concen: 48.52 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	30.7	24.1	36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

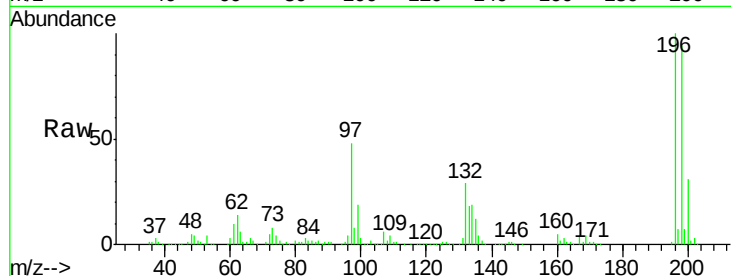




#43
 2,4,5-Trichlorophenol
 Concen: 45.01 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.6	114.8
97	47.6	34.4	51.6
132	29.3	22.2	33.2



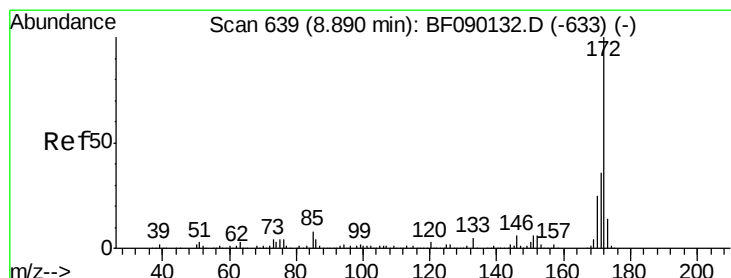
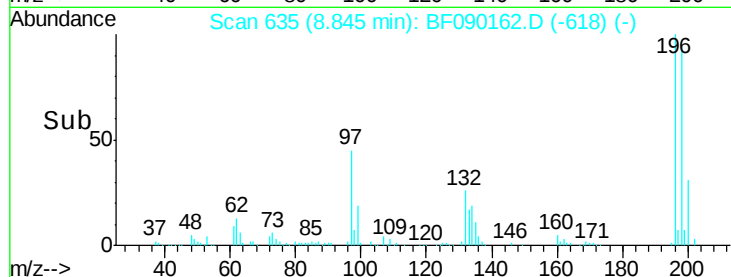
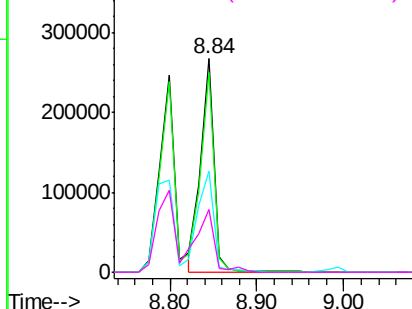
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

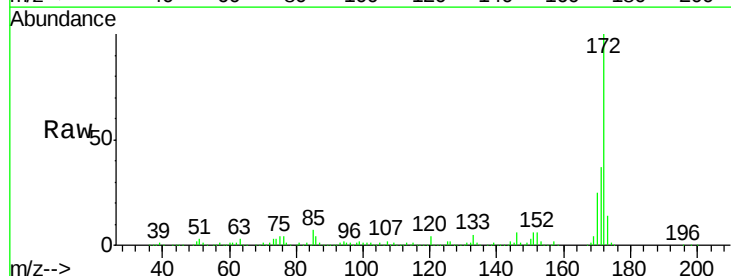
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.77 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.2	43.8
170	25.0	19.8	29.8

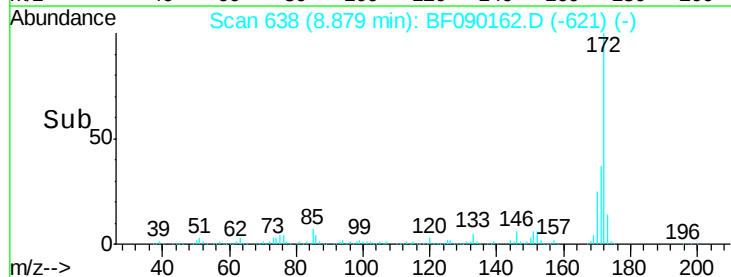
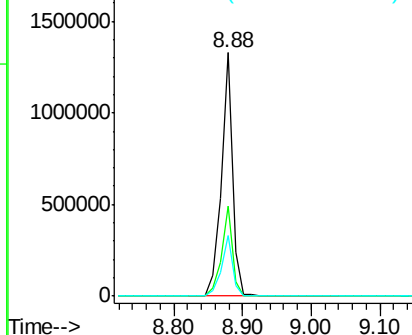


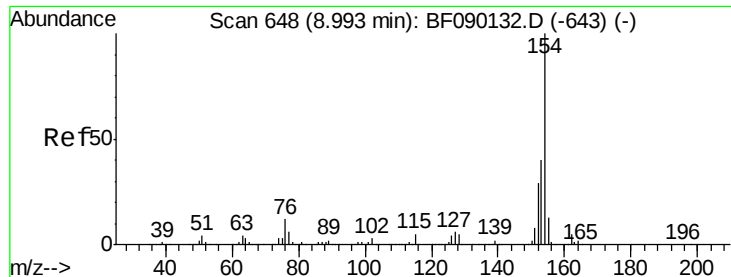
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.17 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

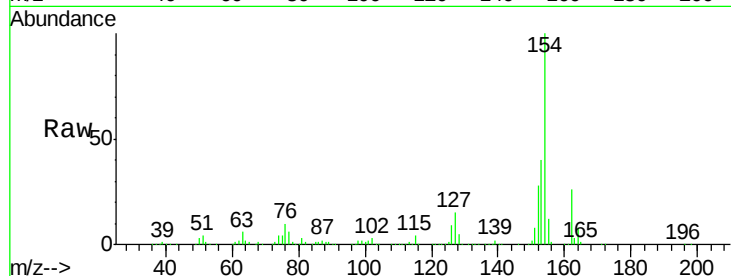
Tot Ion:154 Resp: 1001577

Ion Ratio Lower Upper

154 100

153 39.7 20.6 60.6

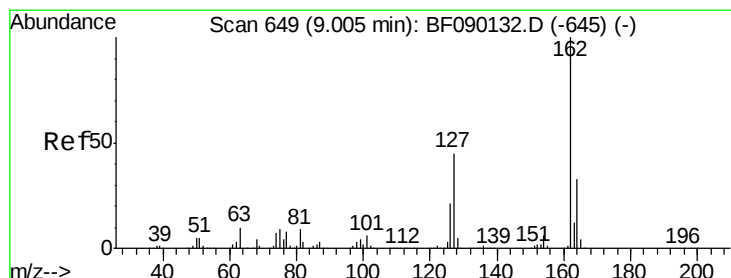
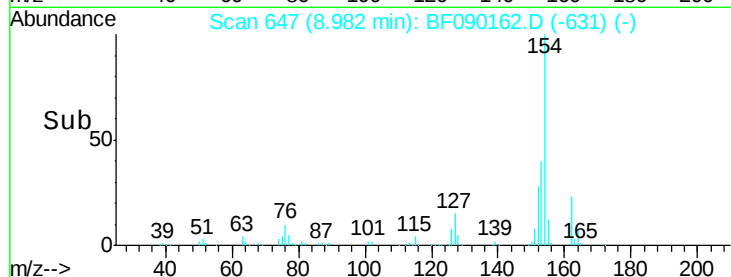
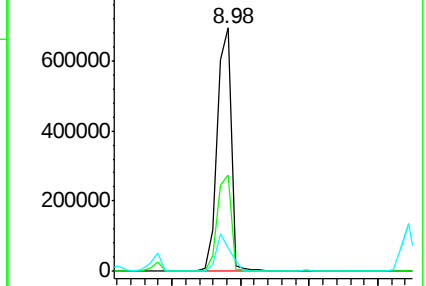
76 9.8 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.61 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

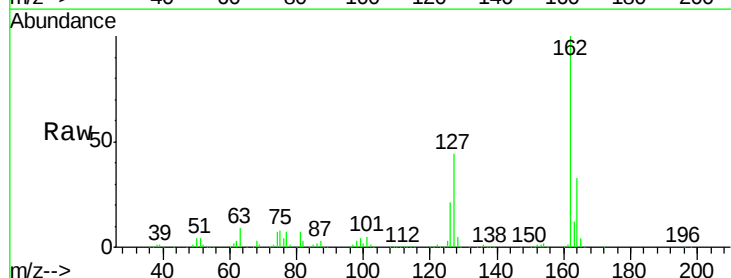
Tgt Ion:162 Resp: 805585

Ion Ratio Lower Upper

162 100

127 44.3 34.0 51.0

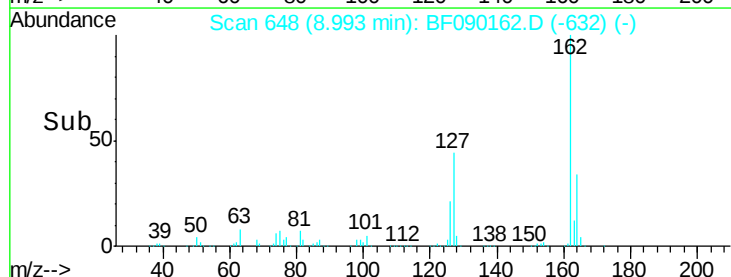
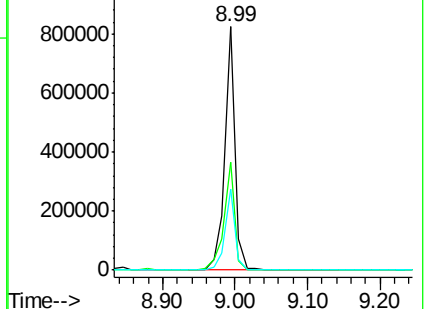
164 33.5 26.8 40.2

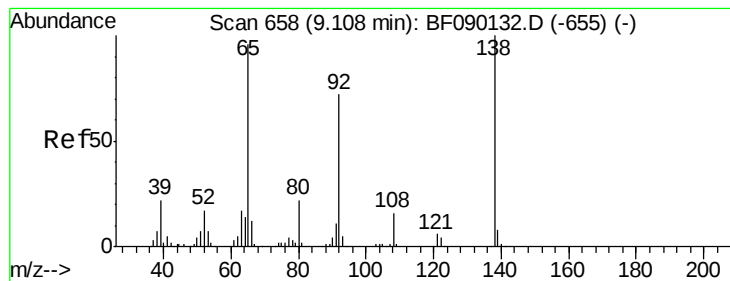


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.79 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

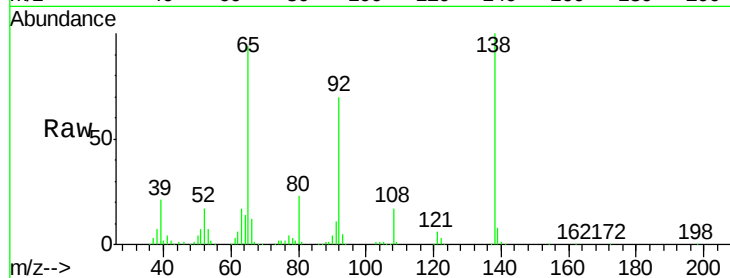
Tot Ion: 65 Resp: 267249

Ion Ratio Lower Upper

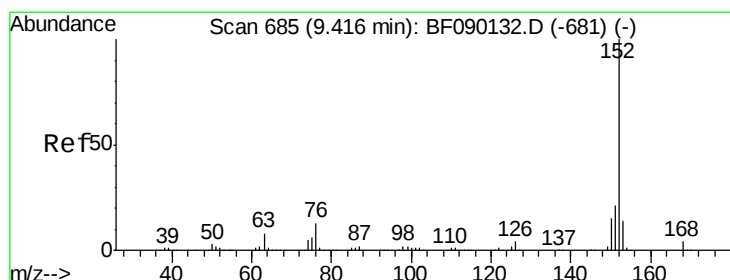
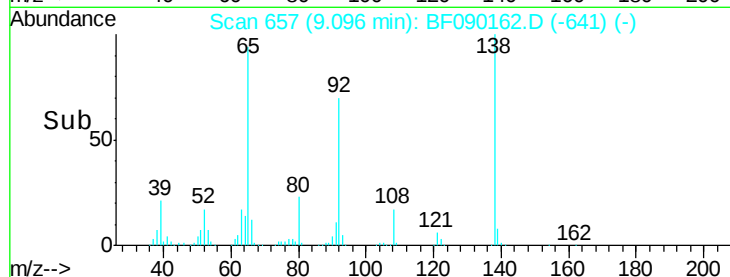
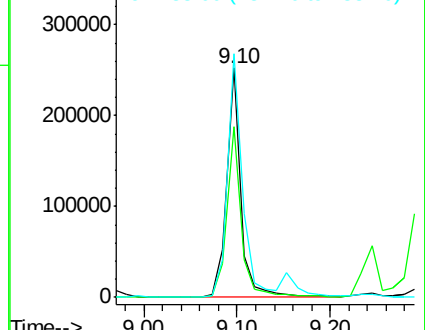
65 100

92 74.4 66.1 99.1

138 106.1 104.1 156.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.49 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

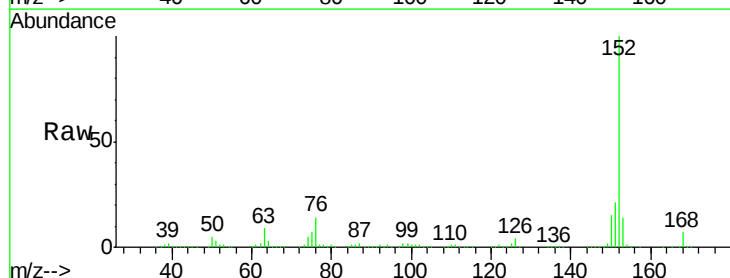
Tgt Ion: 152 Resp: 1335722

Ion Ratio Lower Upper

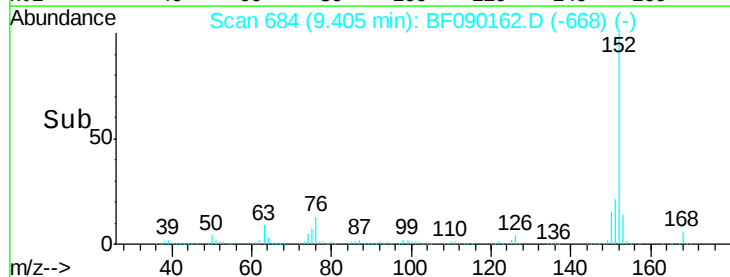
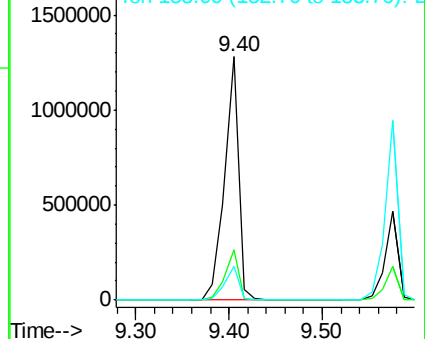
152 100

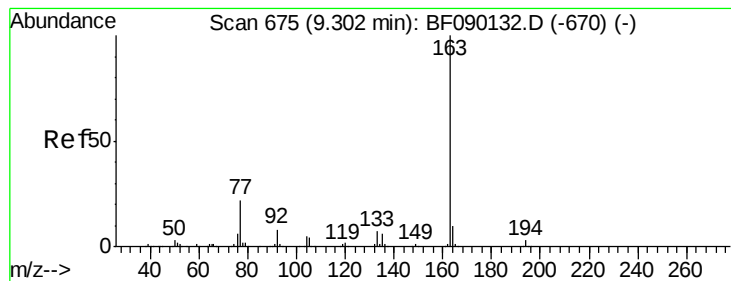
151 20.7 16.5 24.7

153 13.7 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 41.18 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

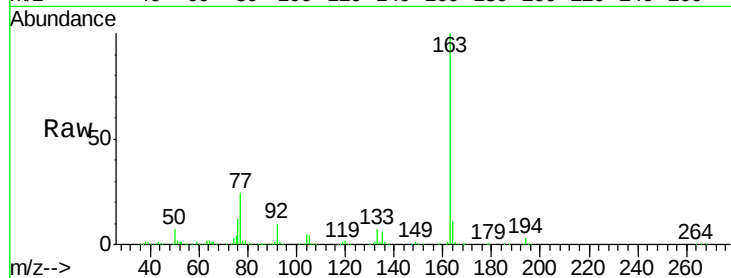
Tot Ion:163 Resp: 962043

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

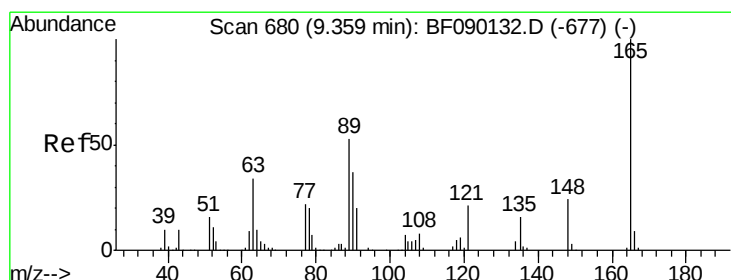
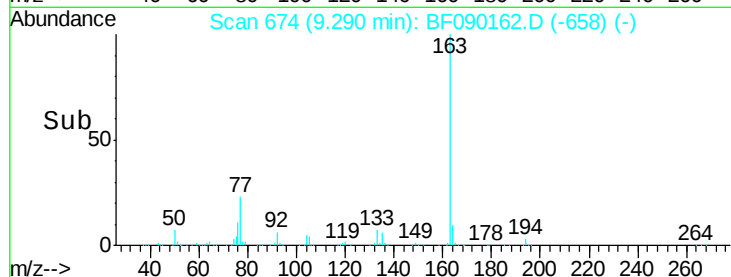
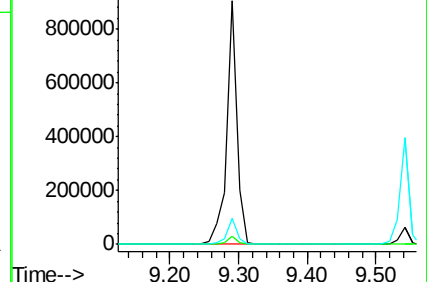
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.00 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

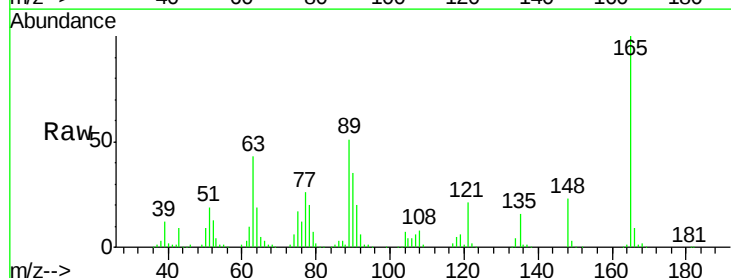
Tgt Ion:165 Resp: 255158

Ion Ratio Lower Upper

165 100

63 42.8 49.9 74.9#

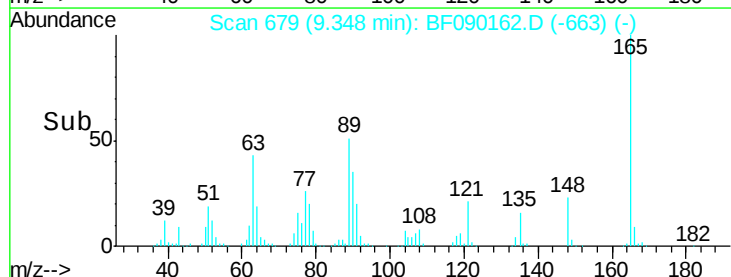
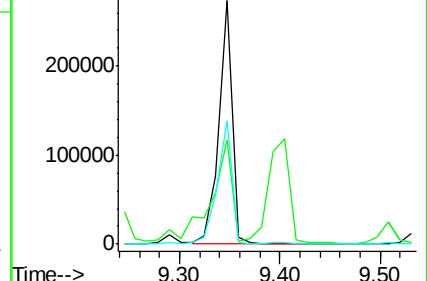
89 50.5 51.0 76.4#

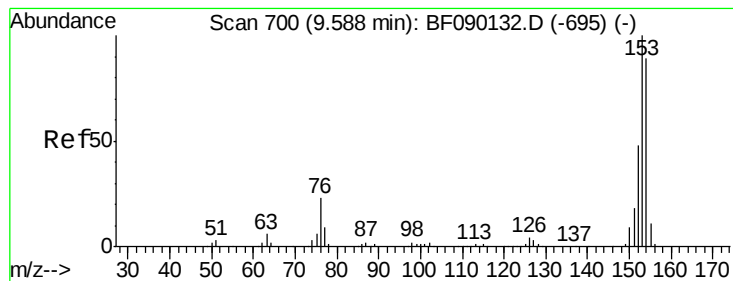


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.05 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

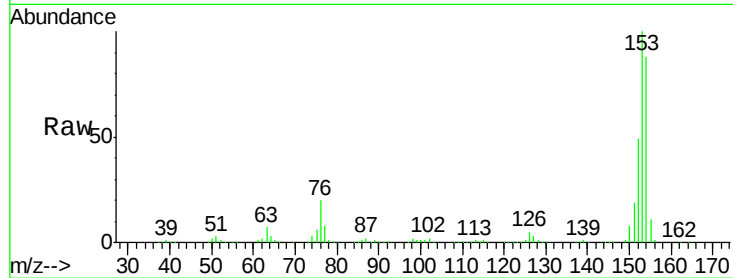
Tot Ion:154 Resp: 803305

Ion Ratio Lower Upper

154 100

153 113.3 90.8 136.2

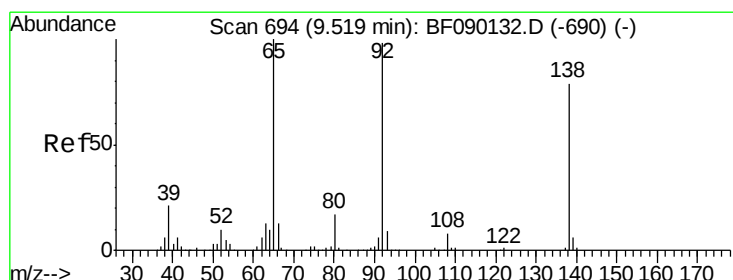
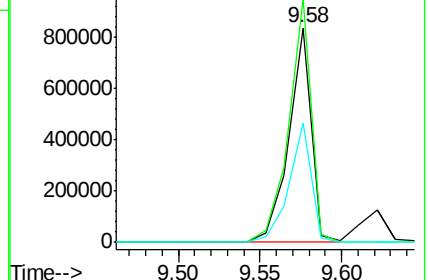
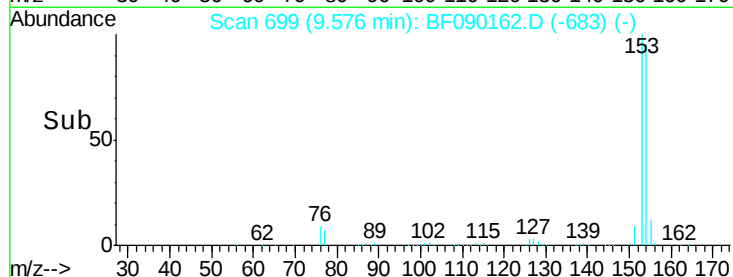
152 55.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.34 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

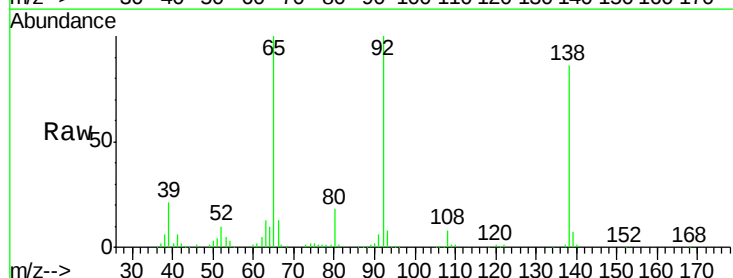
Tgt Ion:138 Resp: 179122

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

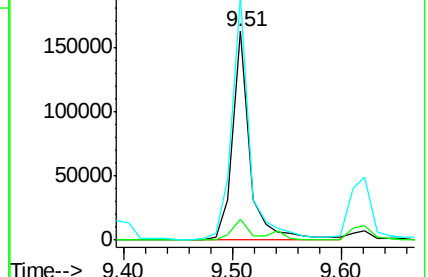
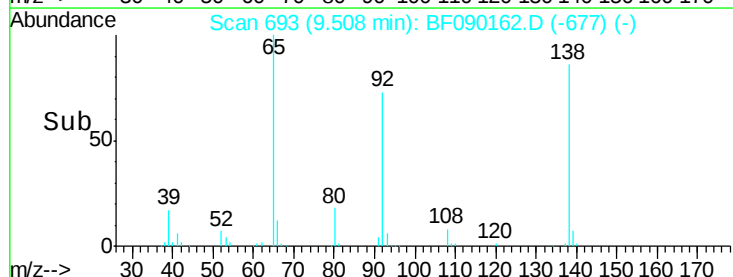
92 116.7 90.7 136.1

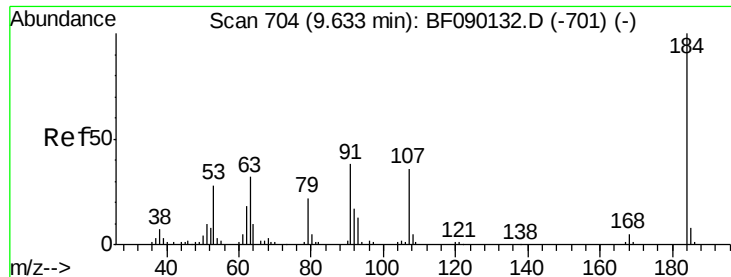


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

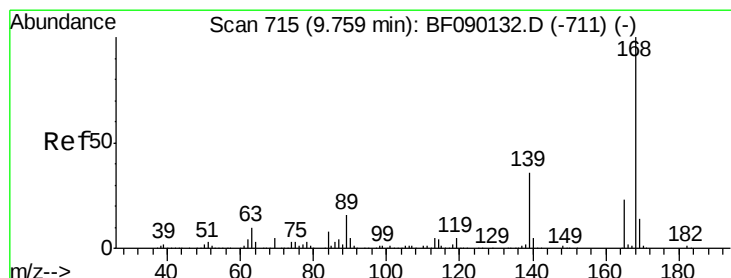
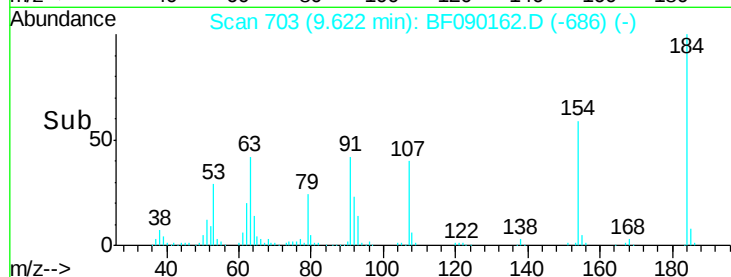
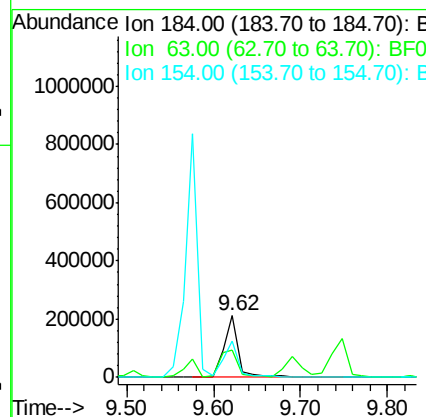
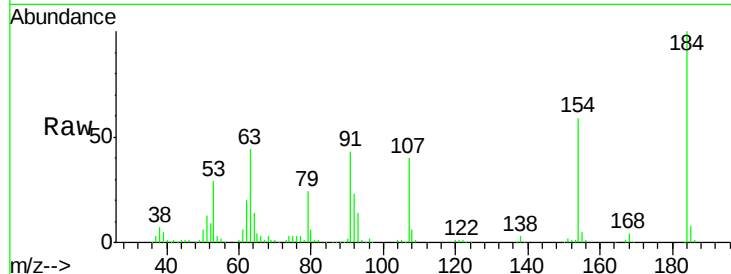




#53
 2,4-Dinitrophenol
 Concen: 85.14 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

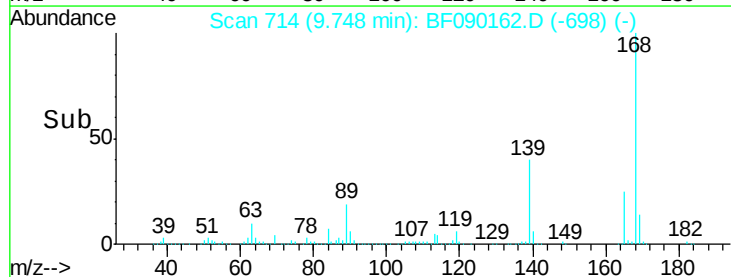
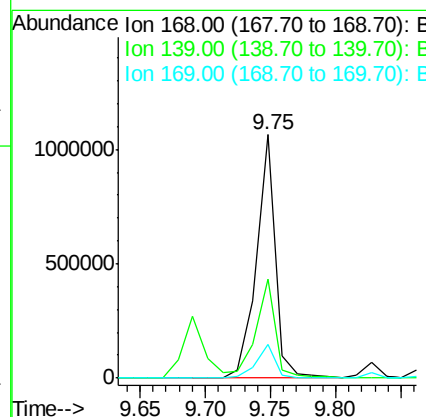
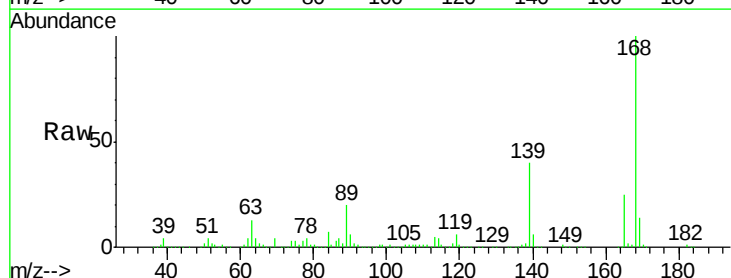
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

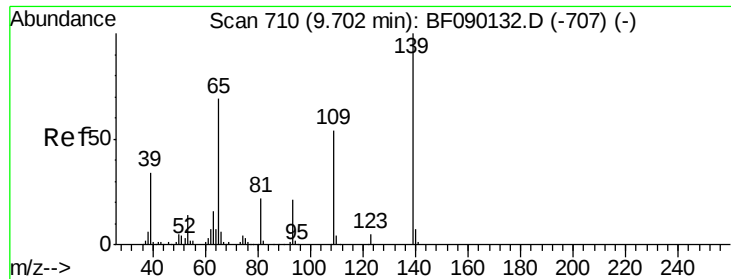
Tot Ion:184 Resp: 248581
 Ion Ratio Lower Upper
 184 100
 63 43.6 44.6 67.0#
 154 58.9 49.7 74.5



#54
 Dibenzofuran
 Concen: 43.98 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion:168 Resp: 1080163
 Ion Ratio Lower Upper
 168 100
 139 40.5 28.8 43.2
 169 13.9 10.7 16.1

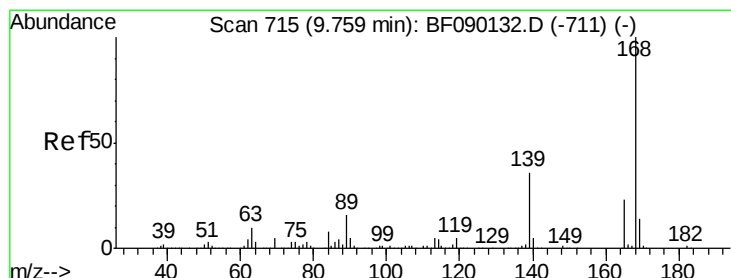
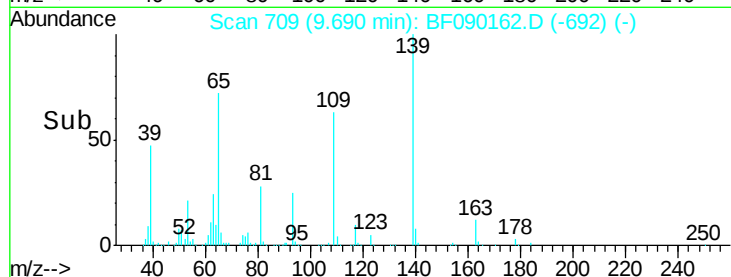
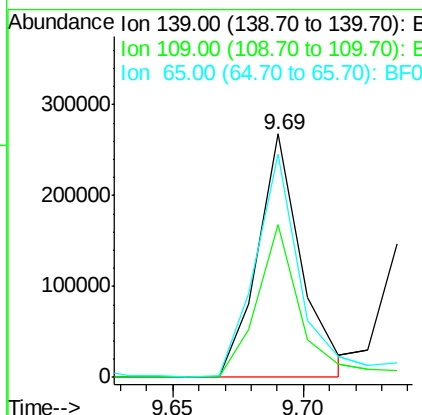
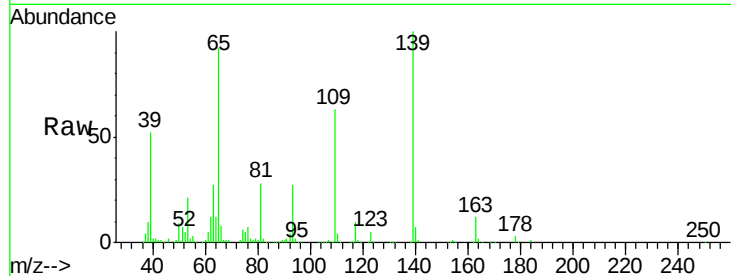




#55
4-Nitrophenol
Concen: 75.71 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

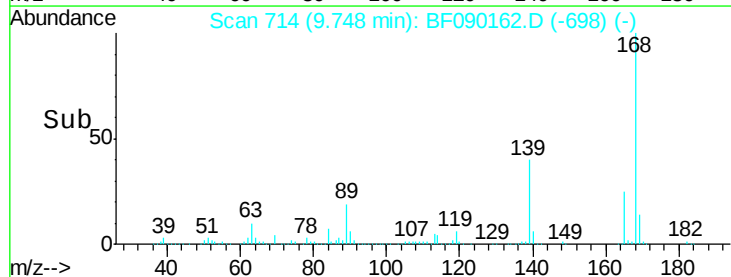
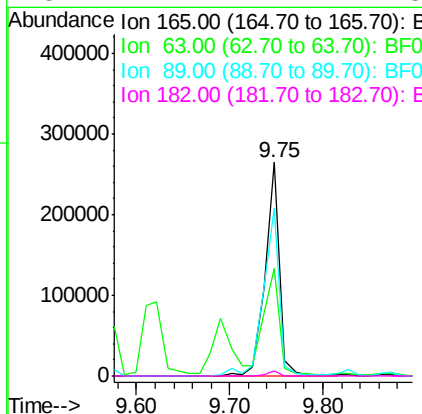
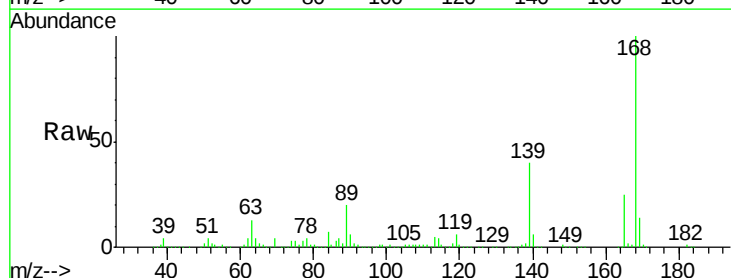
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

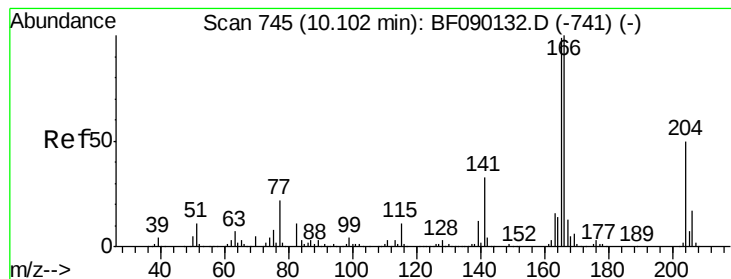
Tot Ion:139 Resp: 316636
Ion Ratio Lower Upper
139 100
109 62.5 35.6 75.6
65 91.6 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 46.52 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:165 Resp: 286415
Ion Ratio Lower Upper
165 100
63 50.3 44.4 66.6
89 78.5 70.1 105.1
182 2.2 1.7 2.5





#57

Fluorene

Concen: 48.35 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

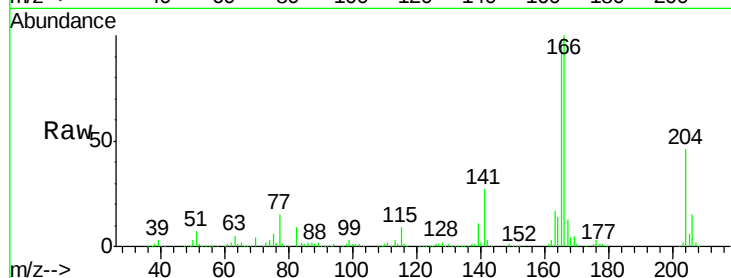
Tot Ion:166 Resp: 894958

Ion Ratio Lower Upper

166 100

165 97.8 78.5 117.7

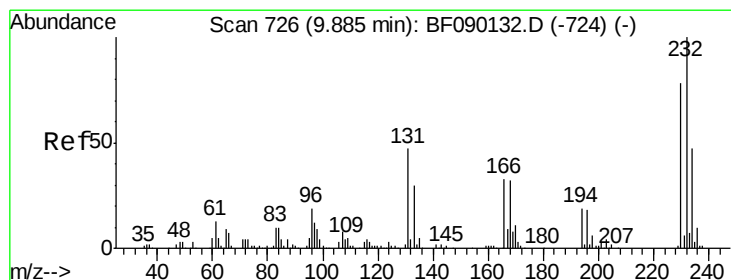
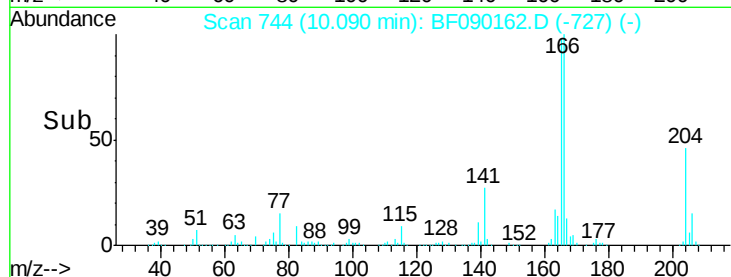
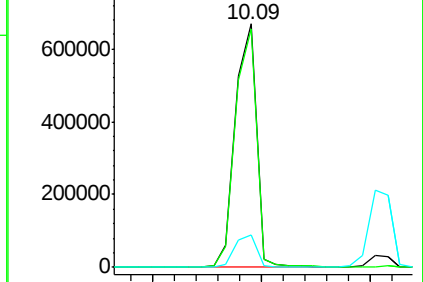
167 13.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.70 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Tgt Ion:232 Resp: 235818

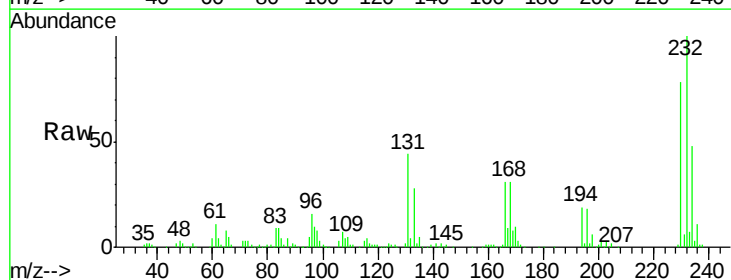
Ion Ratio Lower Upper

232 100

131 51.3 42.2 63.4

130 2.5 1.9 2.9

166 34.1 26.4 39.6

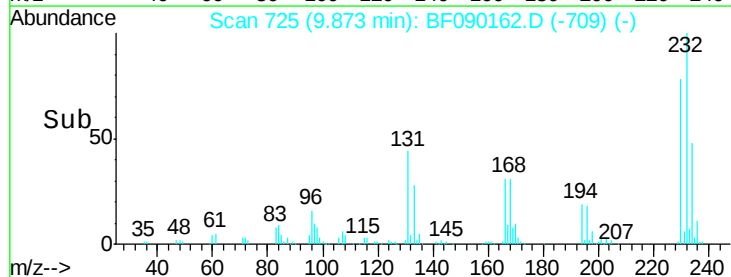
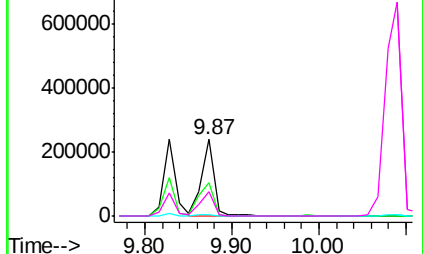


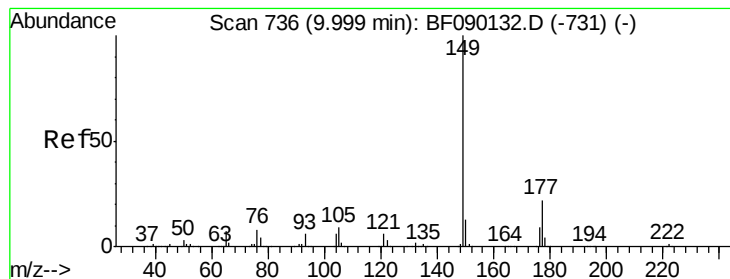
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.44 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

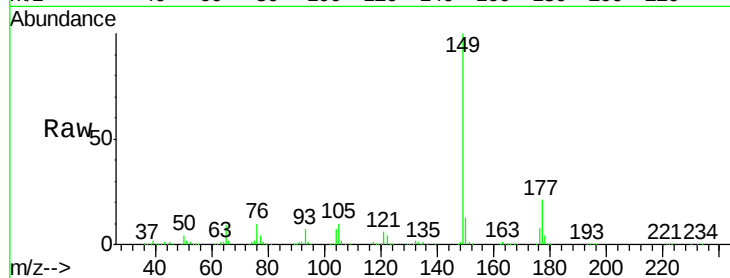
Tot Ion:149 Resp: 980169

Ion Ratio Lower Upper

149 100

177 20.8 15.8 23.6

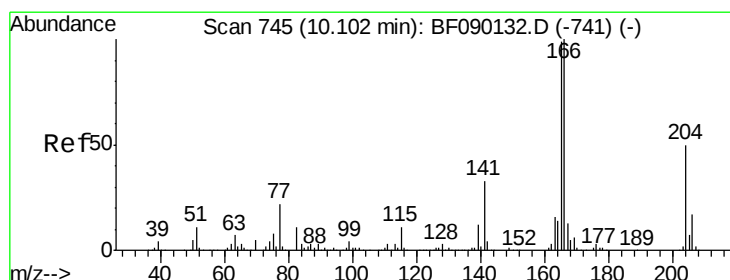
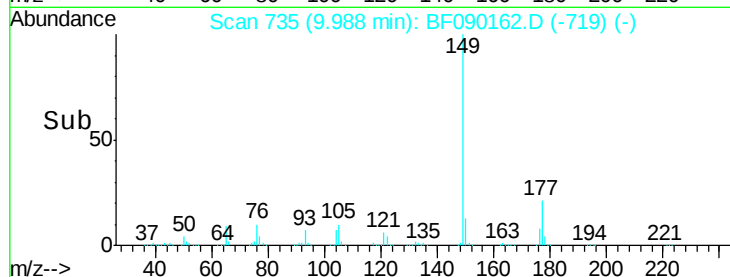
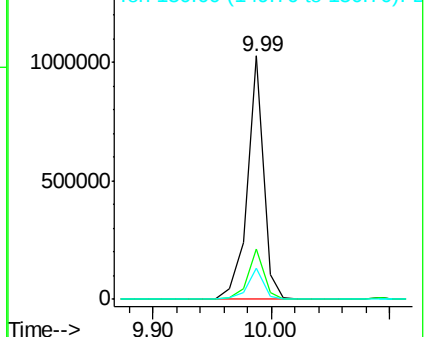
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.36 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

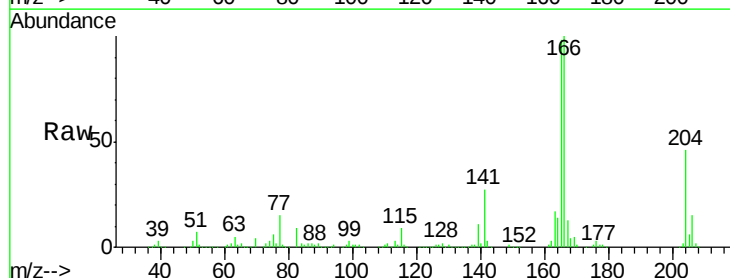
Tgt Ion:204 Resp: 349113

Ion Ratio Lower Upper

204 100

206 33.4 25.6 38.4

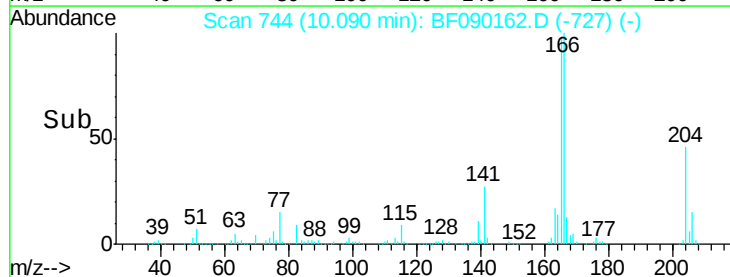
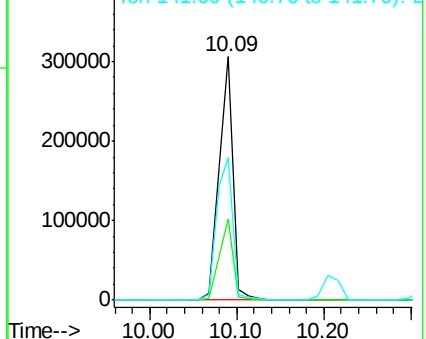
141 58.5 64.4 96.6#

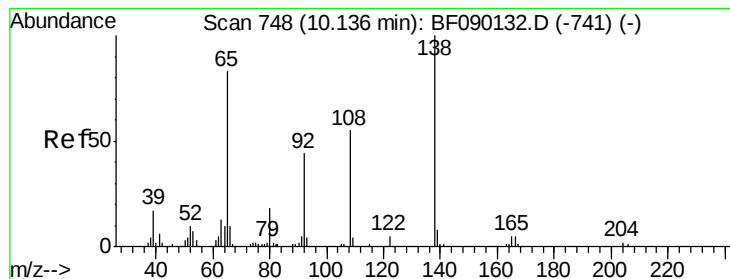


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.40 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

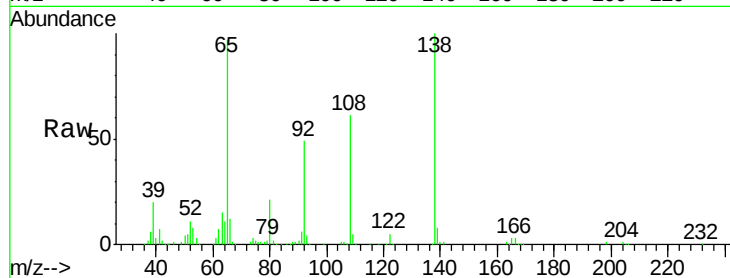
Tot Ion:138 Resp: 270055

Ion Ratio Lower Upper

138 100

92 49.4 23.8 63.8

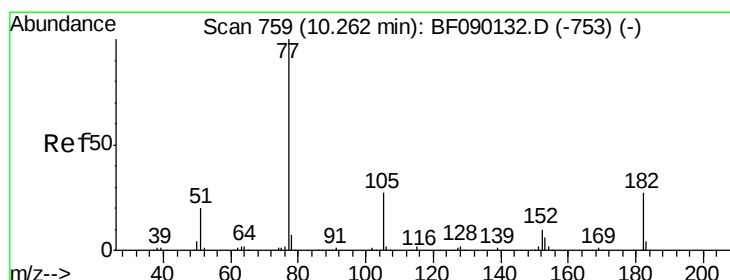
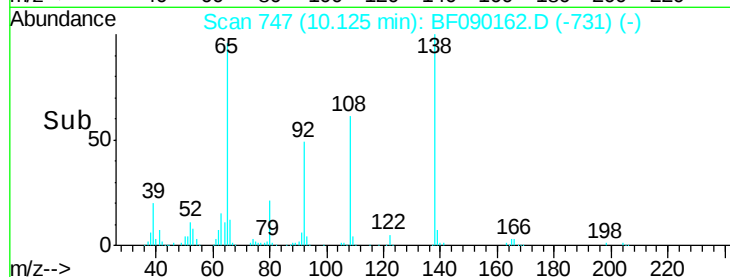
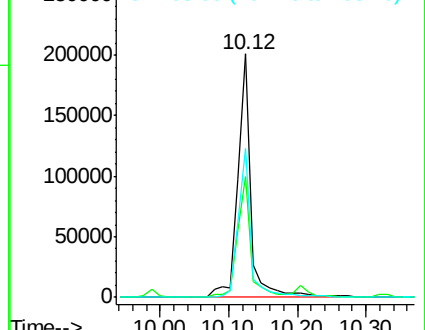
108 61.3 35.0 75.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.58 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Tgt Ion: 77 Resp: 1140905

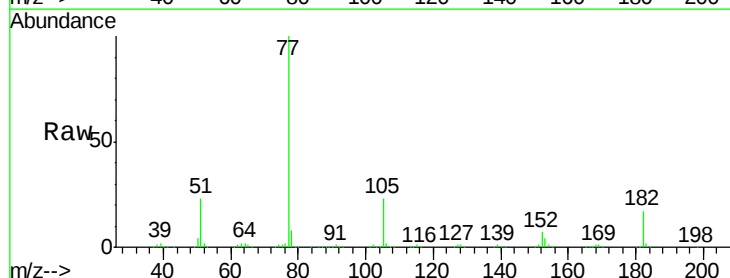
Ion Ratio Lower Upper

77 100

182 16.5 0.0 38.4

105 23.3 3.8 43.8

51 23.3 2.6 42.6

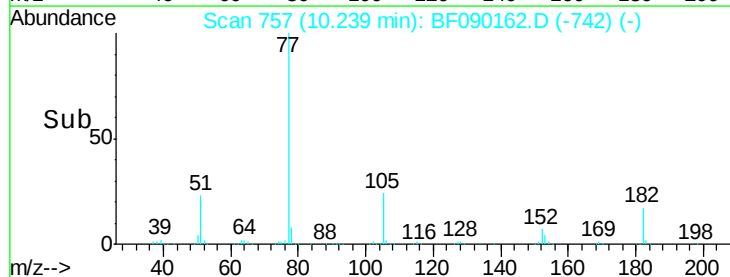
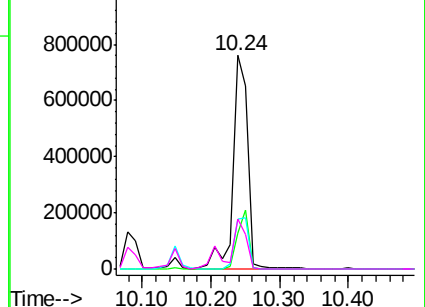


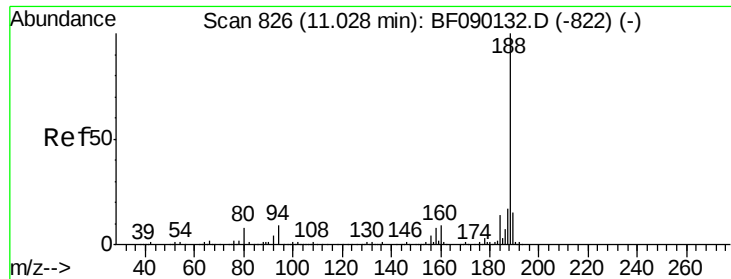
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

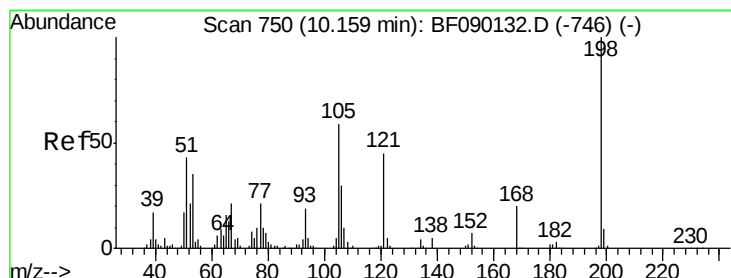
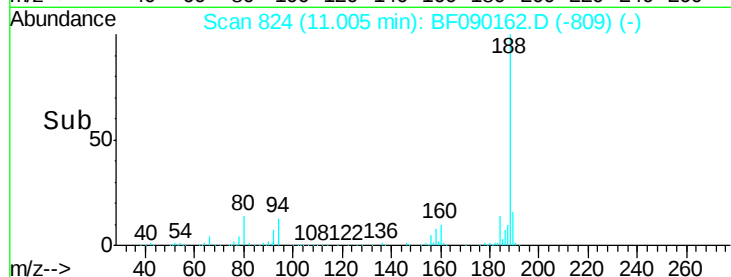
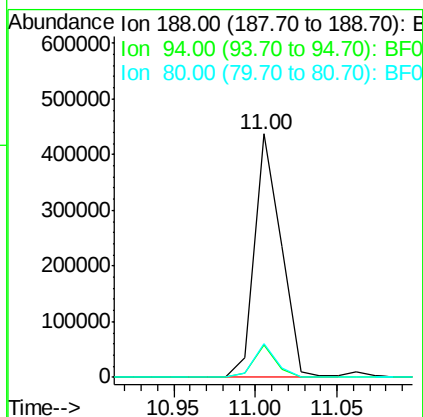
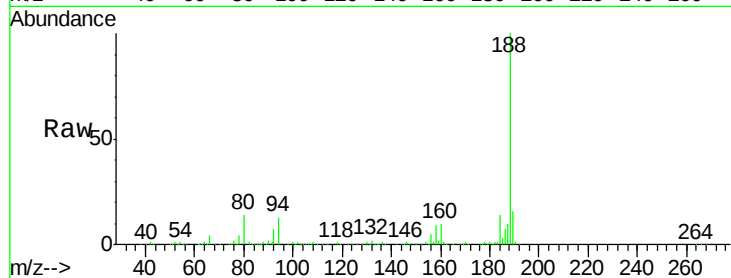




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

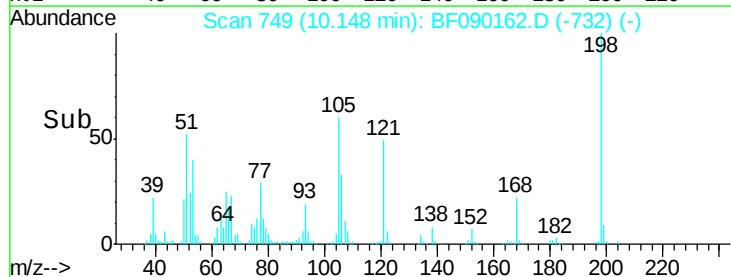
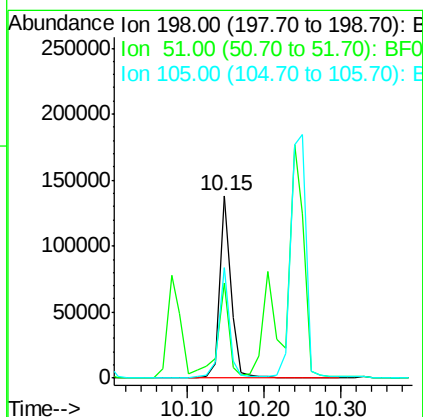
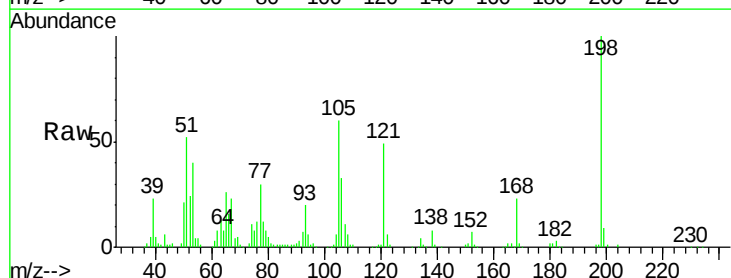
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

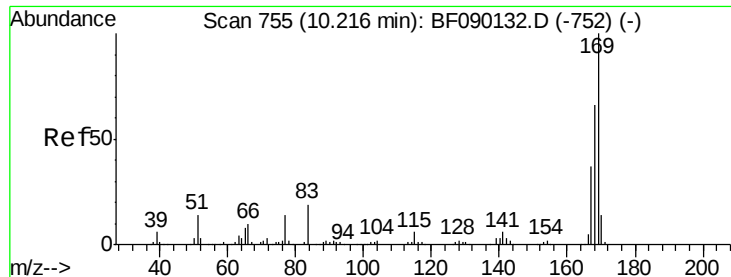
Tot Ion:188 Resp: 497338
Ion Ratio Lower Upper
188 100
94 13.2 10.5 15.7
80 13.8 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 46.02 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:198 Resp: 143352
Ion Ratio Lower Upper
198 100
51 52.4 5.5 45.5#
105 60.5 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 50.95 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

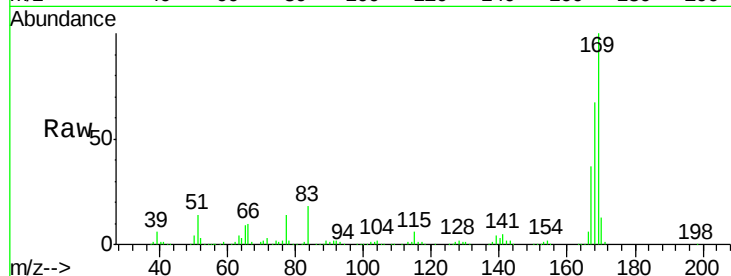
Tot Ion:169 Resp: 833184

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

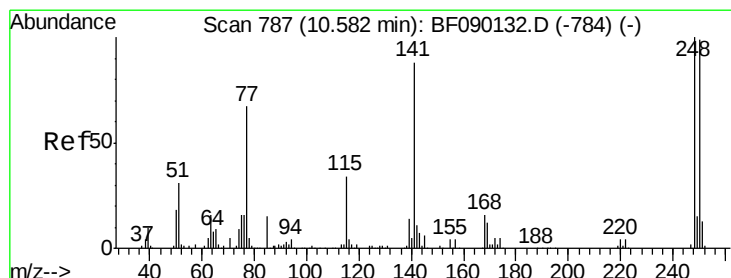
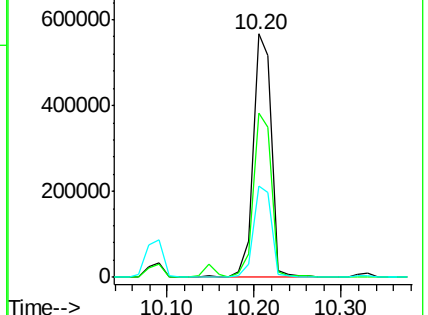
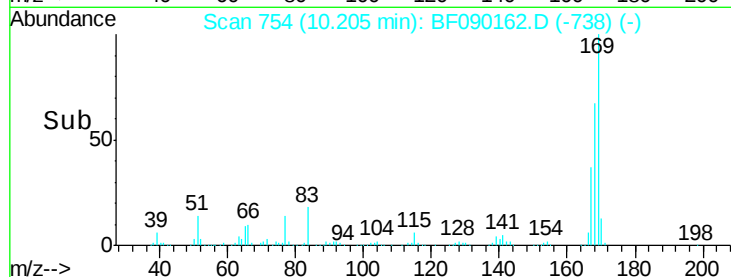
167 37.4 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.51 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

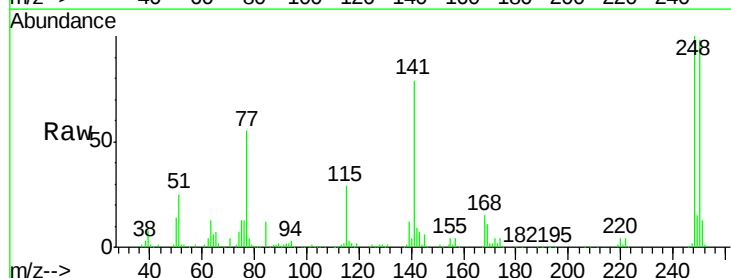
Tgt Ion:248 Resp: 237396

Ion Ratio Lower Upper

248 100

250 97.9 79.4 119.2

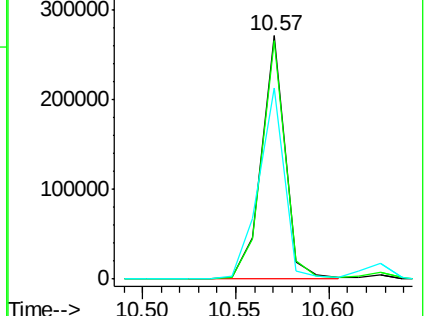
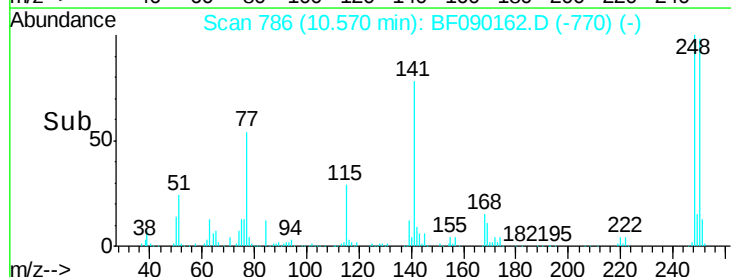
141 78.5 49.3 73.9#

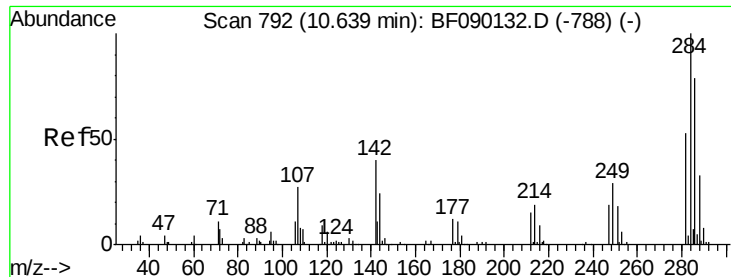


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

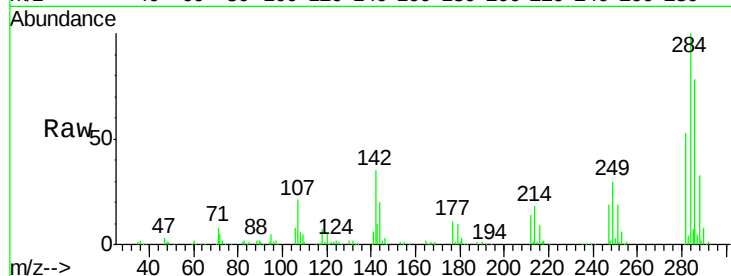




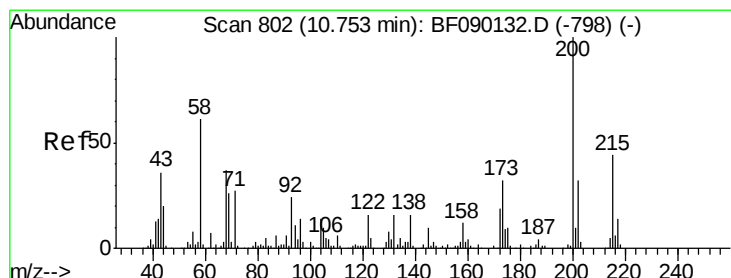
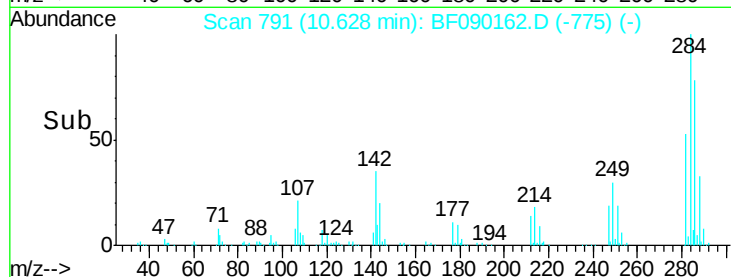
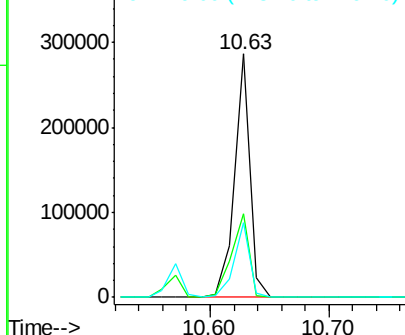
#67
Hexachlorobenzene
Concen: 45.29 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Instrument :
BNA_F
ClientSampleId :
PB93510BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.5	24.0	36.0
249	30.4	23.8	35.6

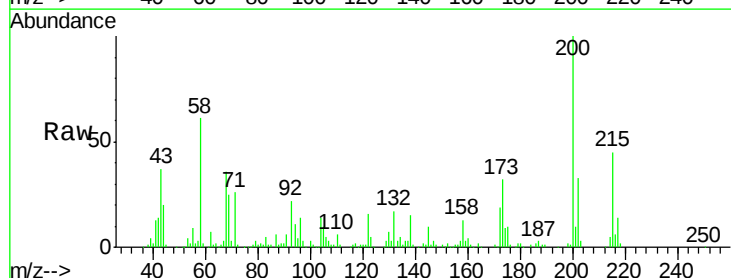


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

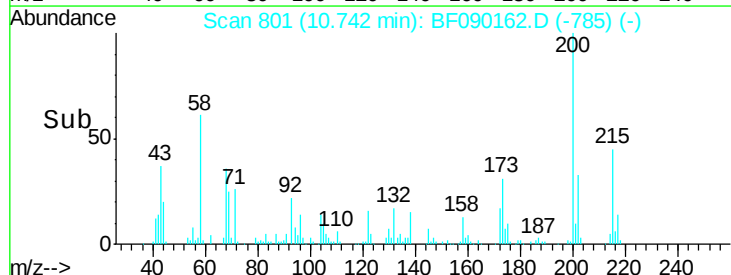
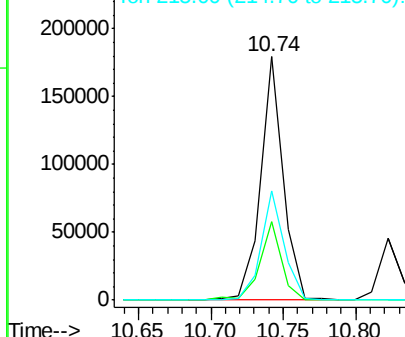


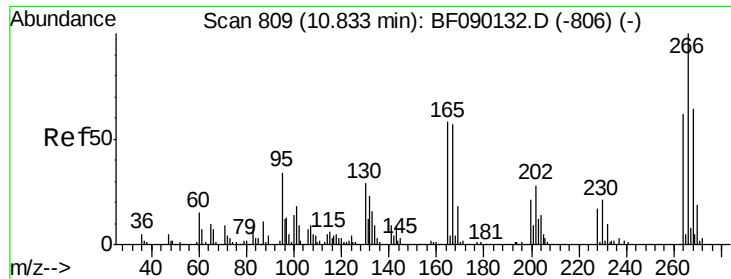
#68
Atrazine
Concen: 43.15 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.1	9.3	49.3
215	45.0	26.1	66.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

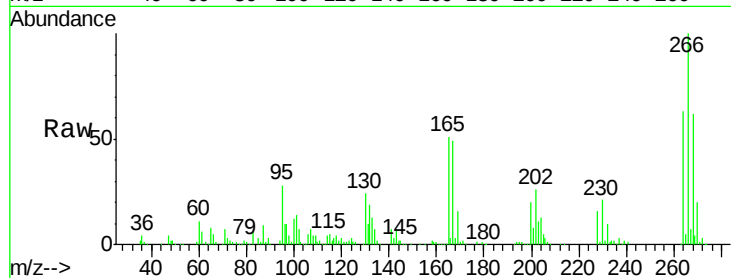




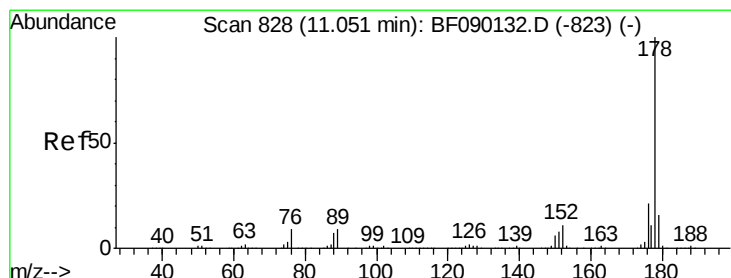
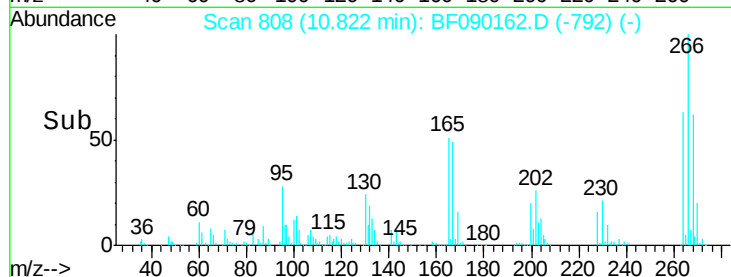
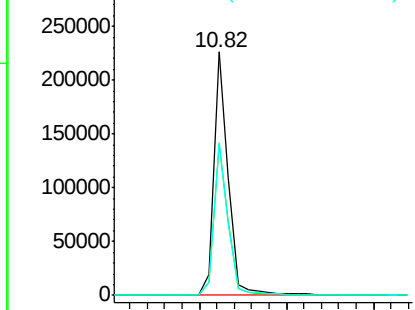
#69
 Pentachlorophenol
 Concen: 81.40 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion:266 Resp: 263523
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.1 78.1
 264 62.6 50.3 75.5

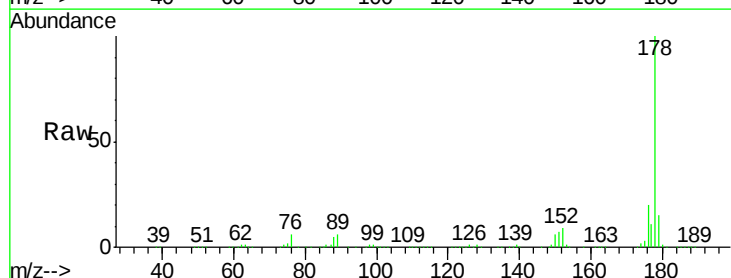


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

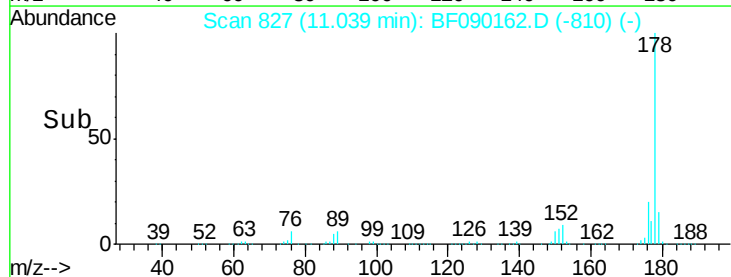
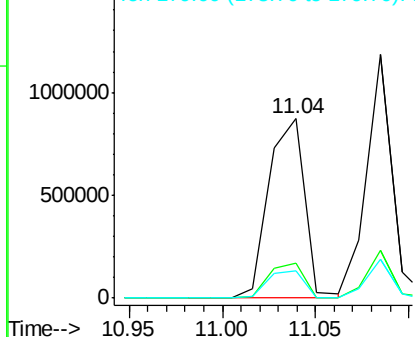


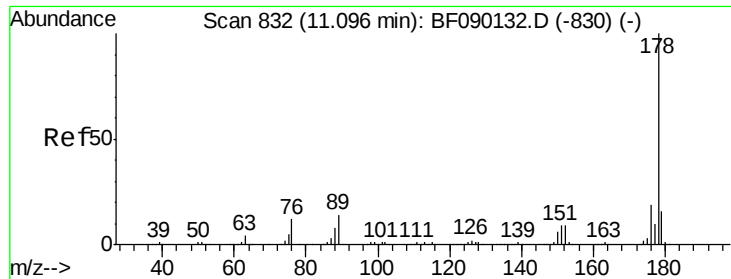
#70
 Phenanthrene
 Concen: 50.05 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion:178 Resp: 1164013
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

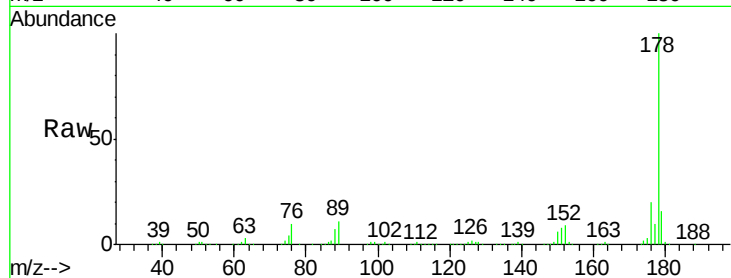




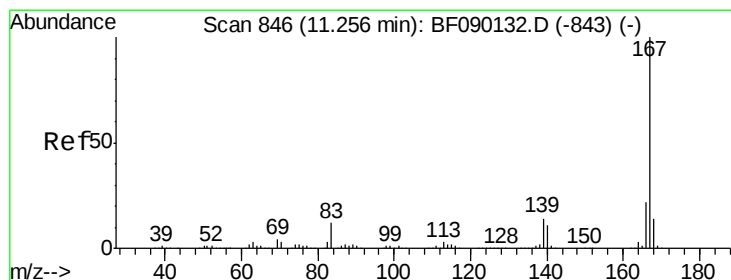
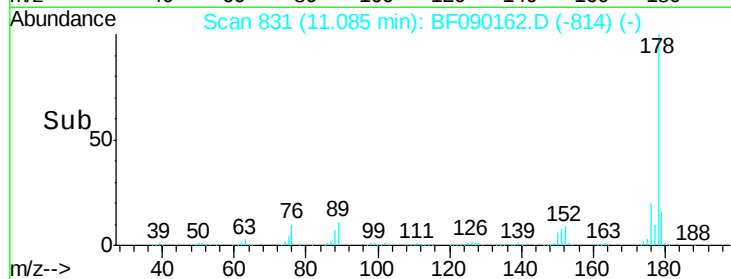
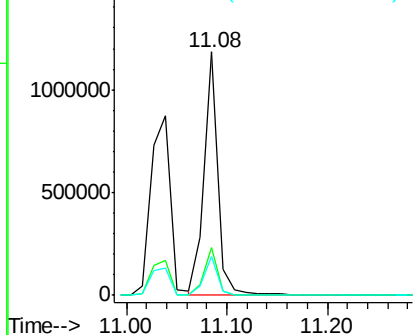
#71
 Anthracene
 Concen: 46.41 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion:178 Resp: 1132112
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.8 12.6 19.0

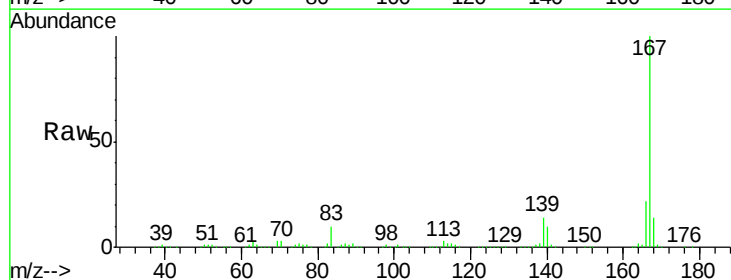


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

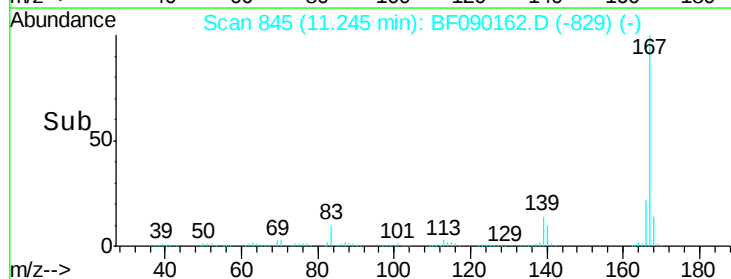
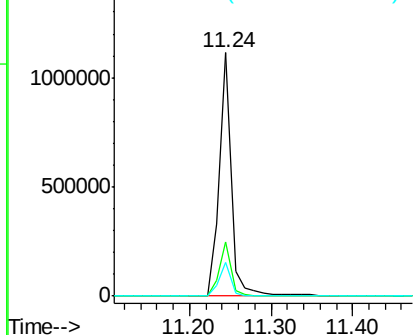


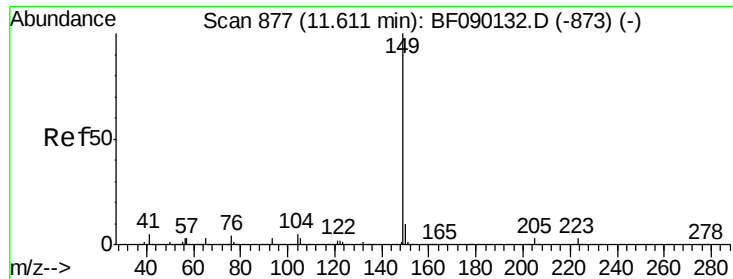
#72
 Carbazole
 Concen: 44.94 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion:167 Resp: 1159070
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.55 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

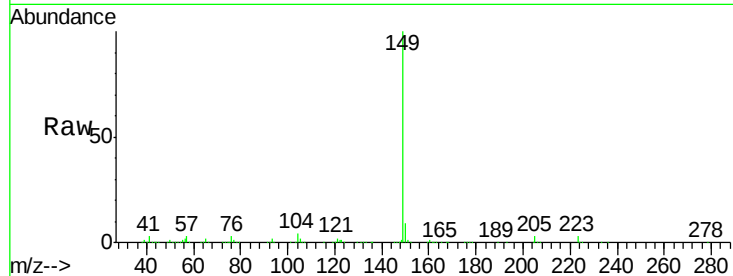
Tot Ion:149 Resp: 1455837

Ion Ratio Lower Upper

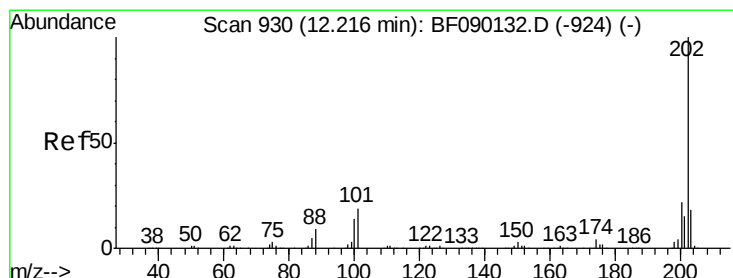
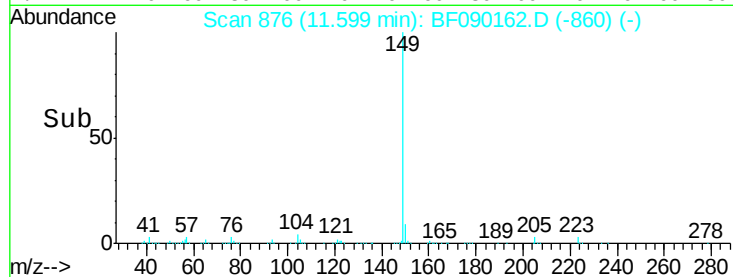
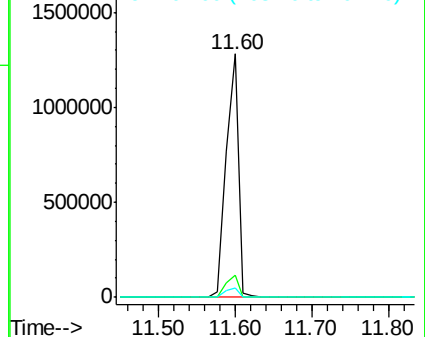
149 100

150 9.4 7.8 11.8

104 3.8 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.28 ng

RT: 12.20 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

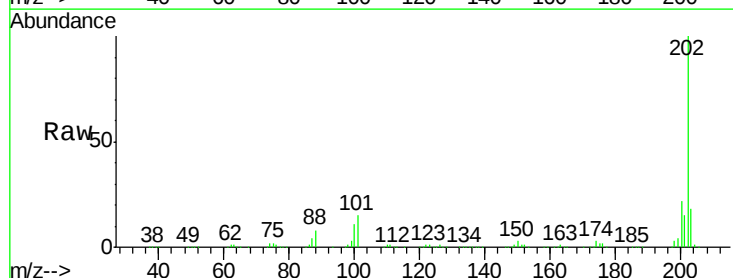
Tgt Ion:202 Resp: 1030498

Ion Ratio Lower Upper

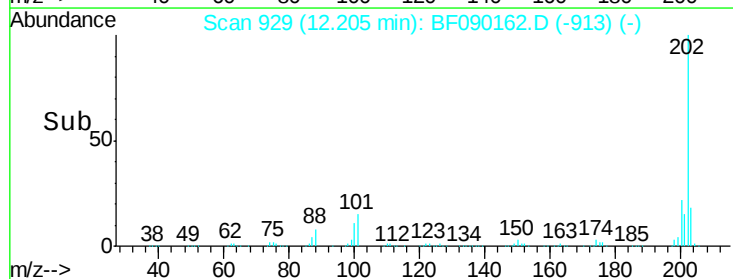
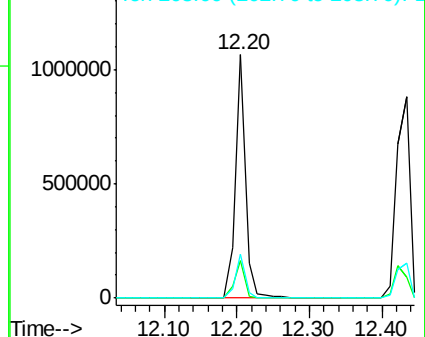
202 100

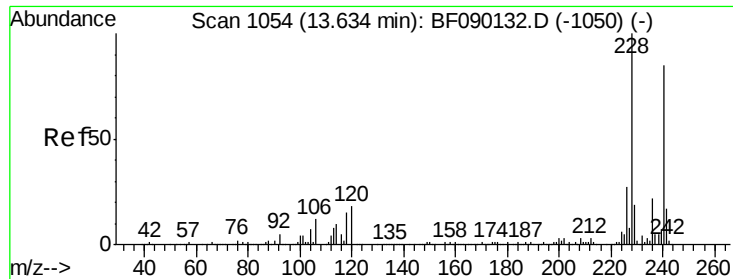
101 15.3 0.0 36.1

203 18.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

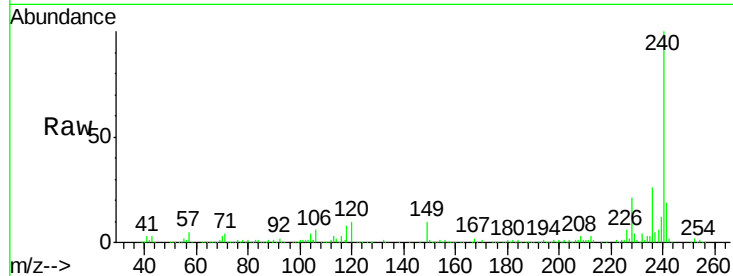
Tot Ion:240 Resp: 300630

Ion Ratio Lower Upper

240 100

120 9.8 10.6 16.0#

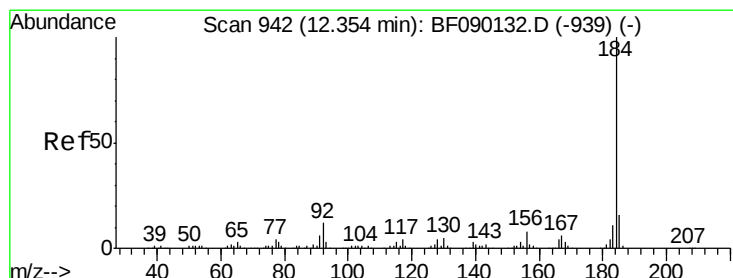
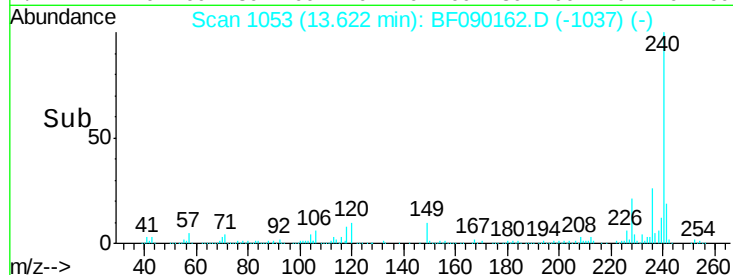
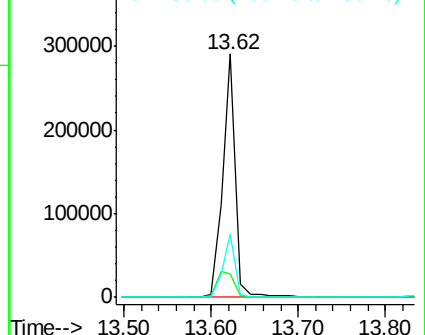
236 25.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.65 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

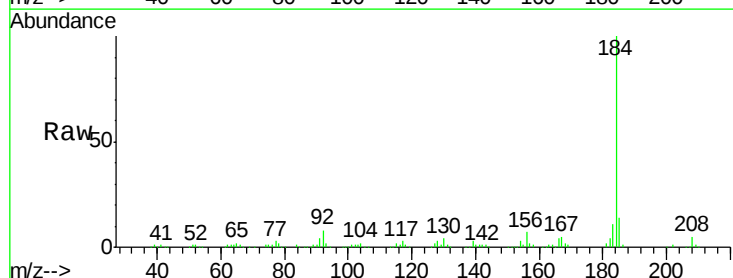
Tgt Ion:184 Resp: 258110

Ion Ratio Lower Upper

184 100

185 14.3 13.2 19.8

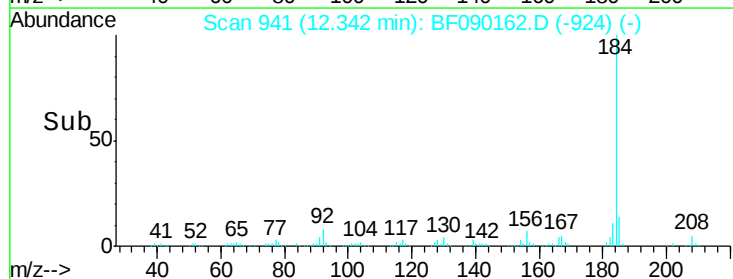
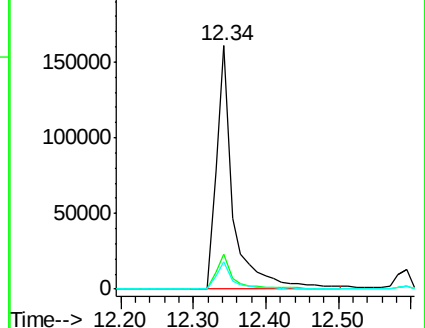
183 11.2 9.2 13.8

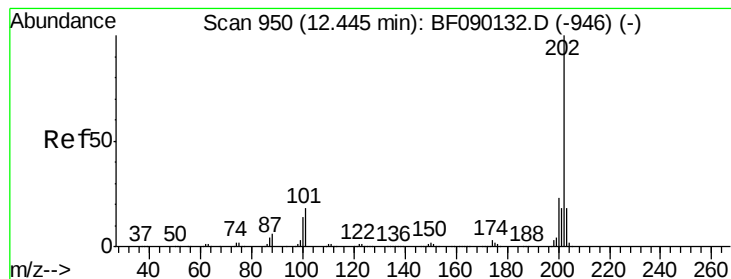


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 55.43 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

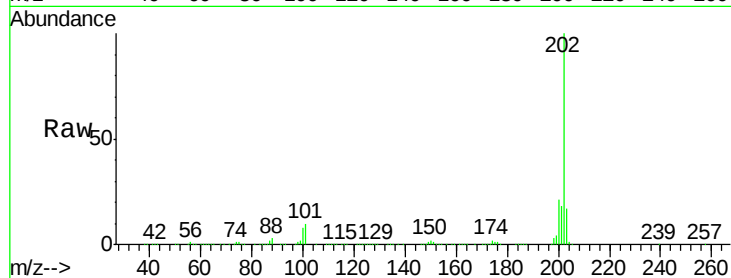
Tot Ion:202 Resp: 1140381

Ion Ratio Lower Upper

202 100

200 21.2 17.9 26.9

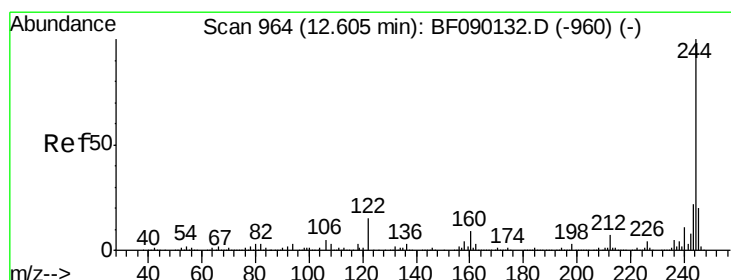
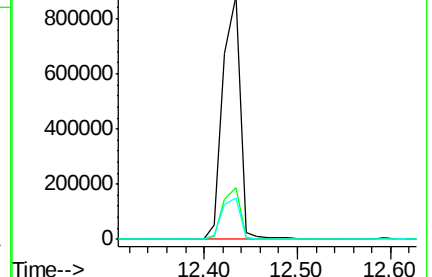
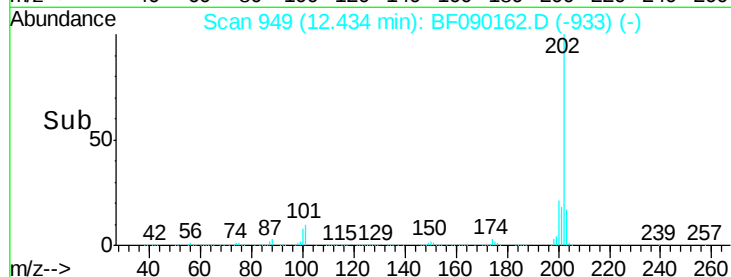
203 17.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 108.64 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

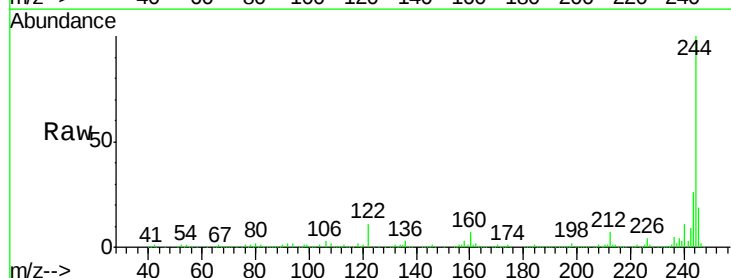
Tgt Ion:244 Resp: 1286375

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

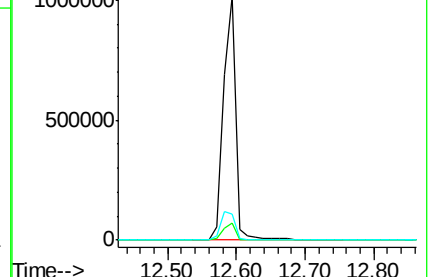
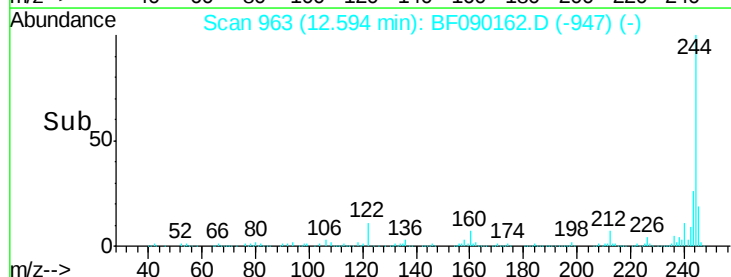
122 10.7 9.4 14.0

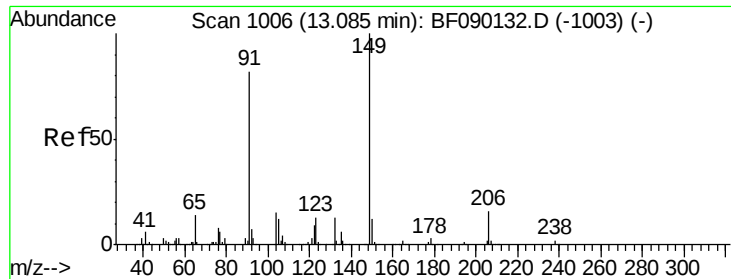


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

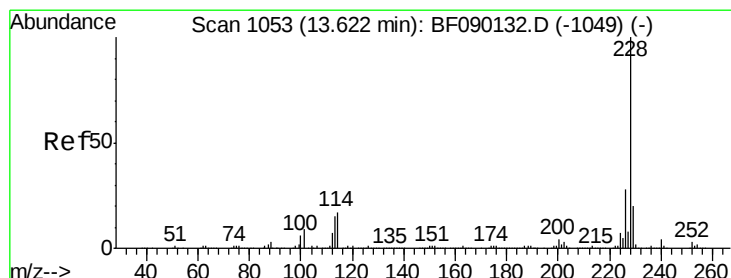
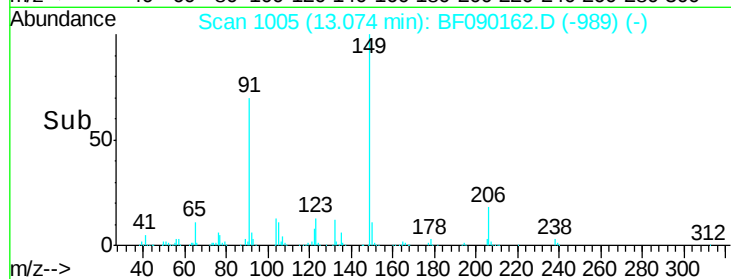
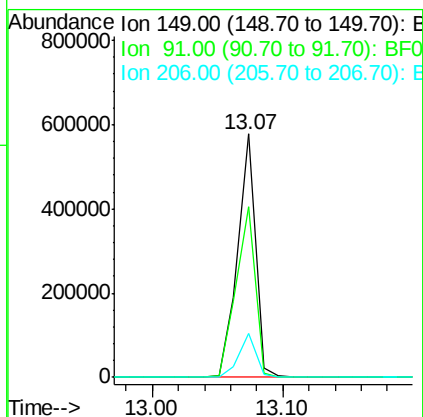
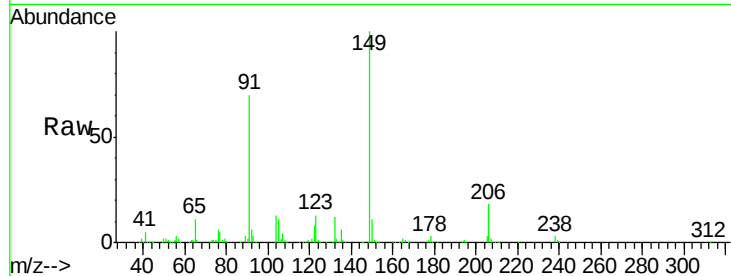




#79
Butylbenzylphthalate
Concen: 54.44 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

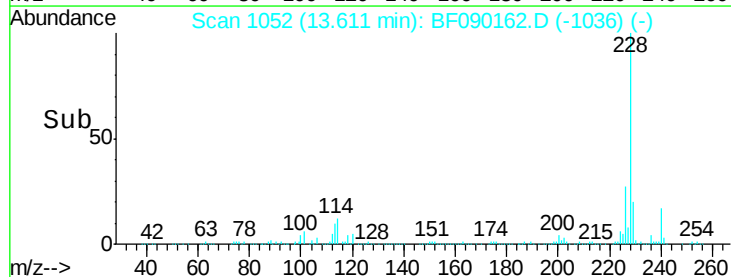
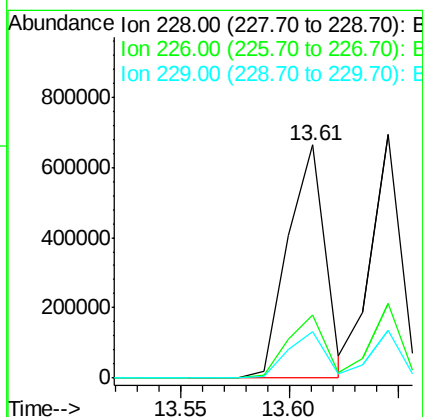
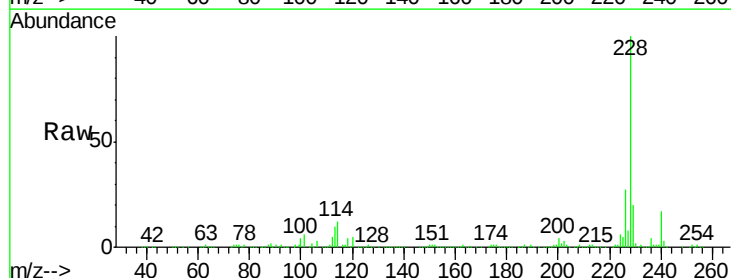
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

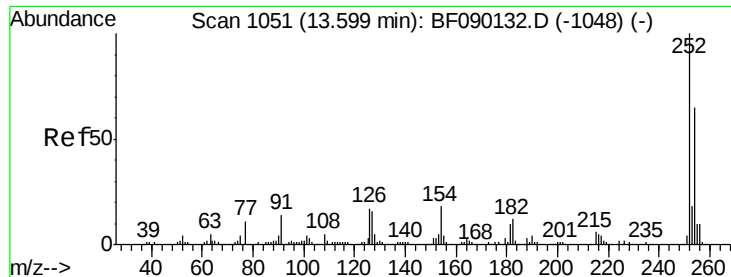
Tot Ion:149 Resp: 547842
Ion Ratio Lower Upper
149 100
91 69.8 49.8 74.6
206 17.9 16.3 24.5



#80
Benzo(a)anthracene
Concen: 48.81 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:228 Resp: 789408
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.7 16.2 24.2

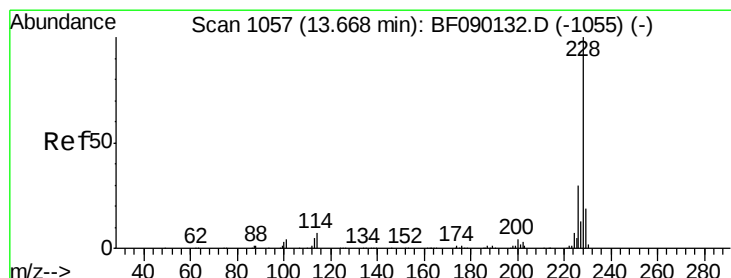
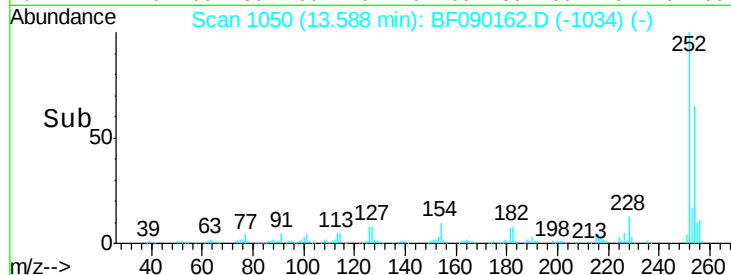
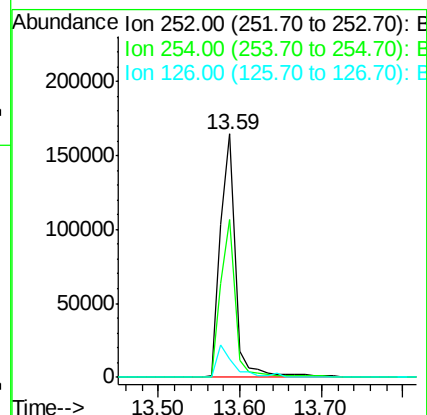
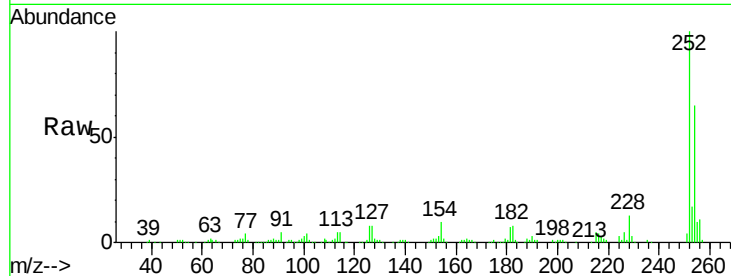




#81
 3,3'-Dichlorobenzidine
 Concen: 32.04 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

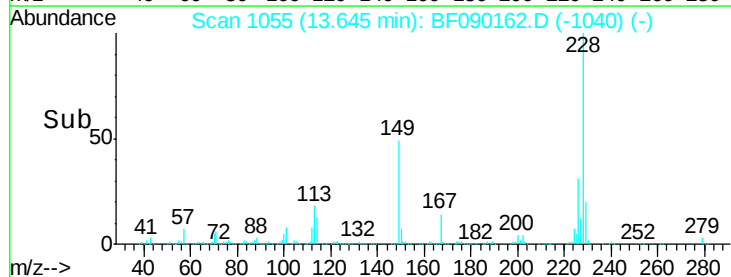
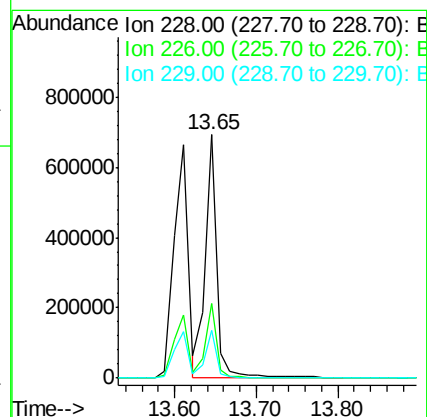
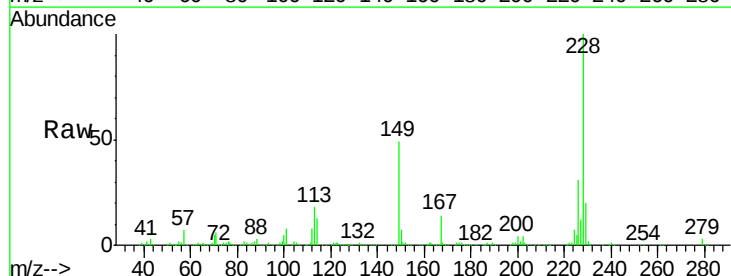
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

Tot Ion:252 Resp: 213742
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.7 76.1
 126 7.6 9.2 13.8#



#82
 Chrysene
 Concen: 44.05 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion:228 Resp: 693995
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 37.0
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.92 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

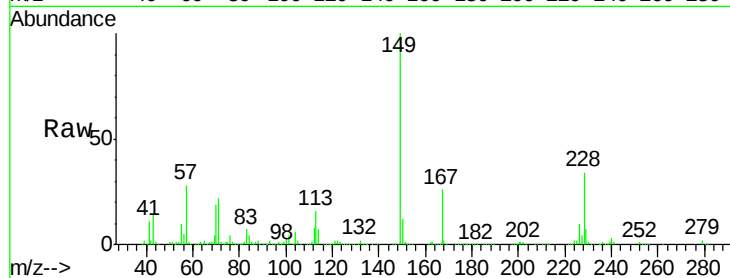
Tot Ion:149 Resp: 642816

Ion Ratio Lower Upper

149 100

167 25.7 21.2 31.8

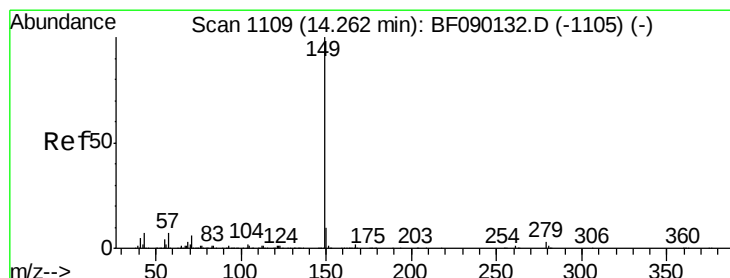
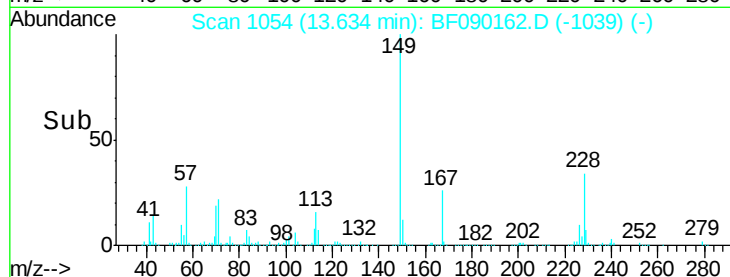
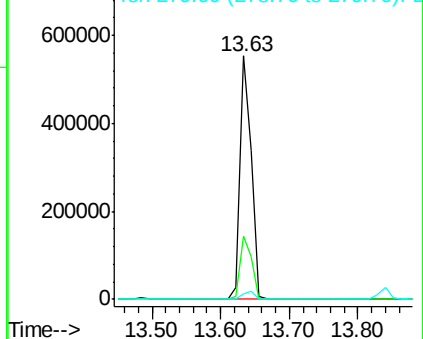
279 2.1 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.89 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

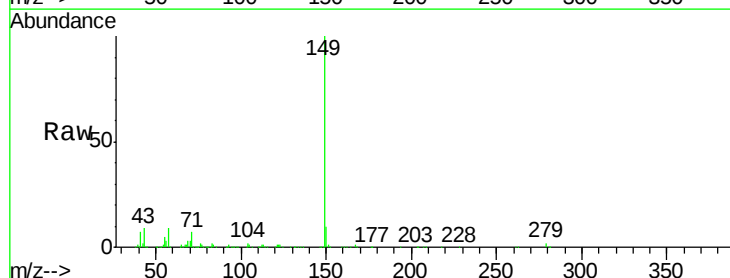
Tgt Ion:149 Resp: 1084531

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

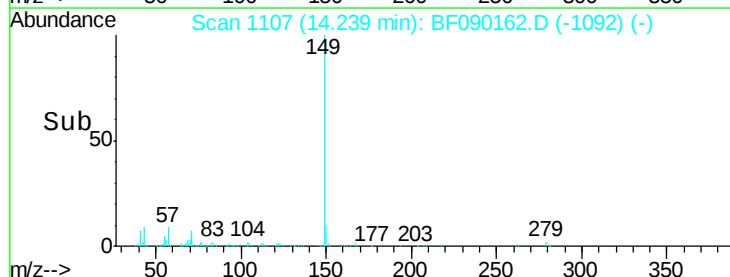
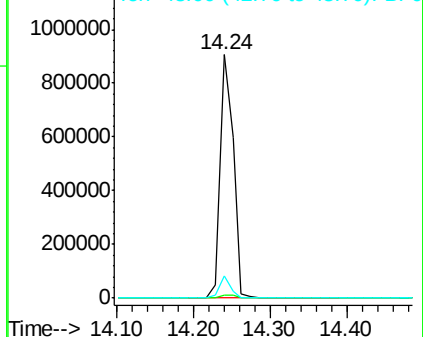
43 7.3 6.8 10.2

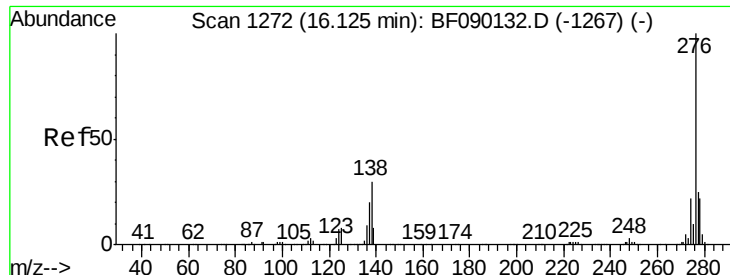


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

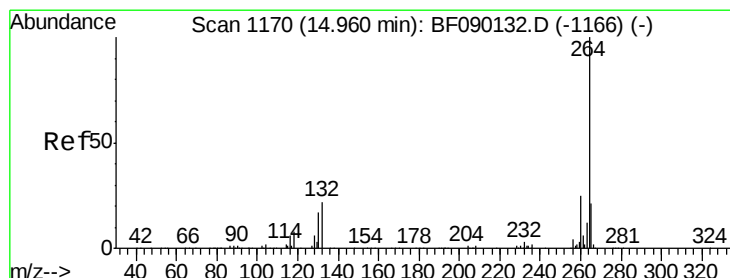
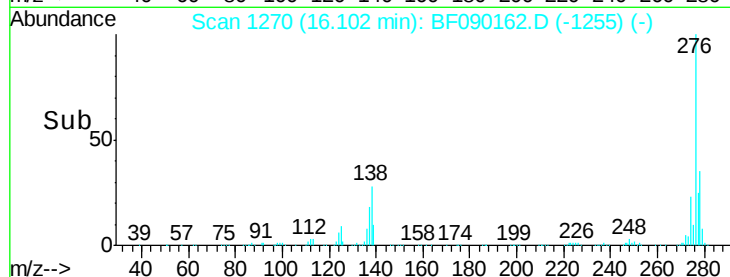
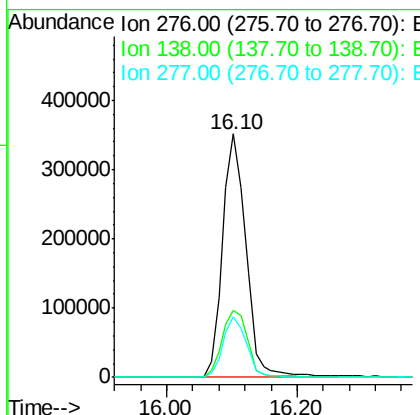
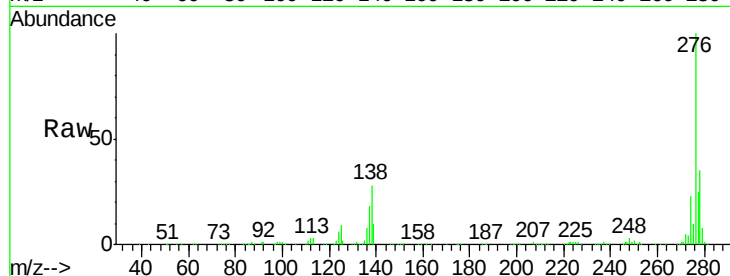




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 69.16 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

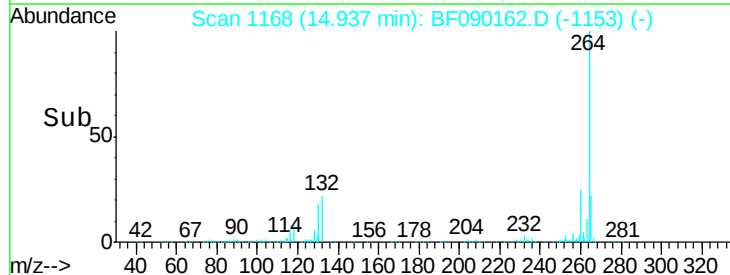
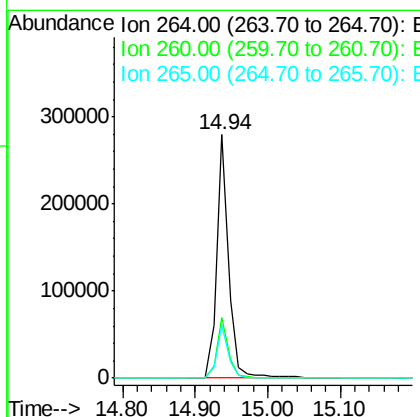
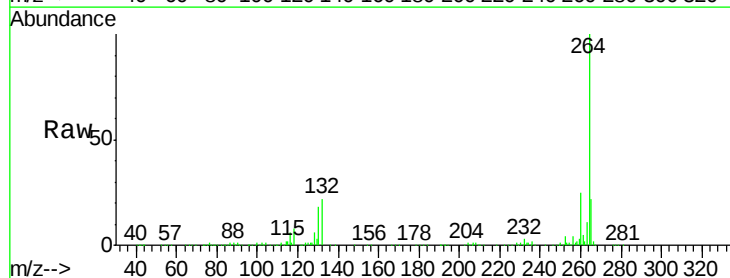
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BSD

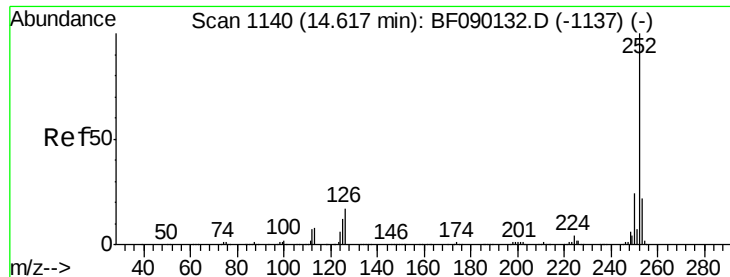
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.9	38.9
277	25.2	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090162.D
 Acq: 21 Sep 2016 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 38.78 ng m

RT: 14.59 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

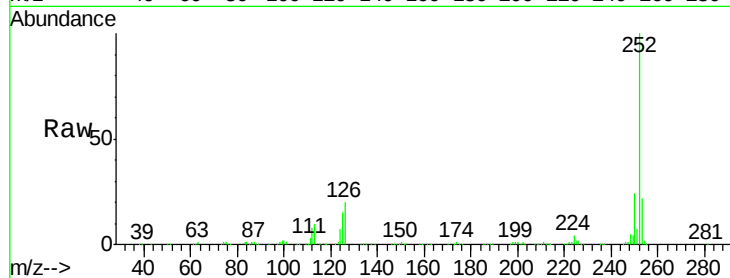
Tot Ion:252 Resp: 682567

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

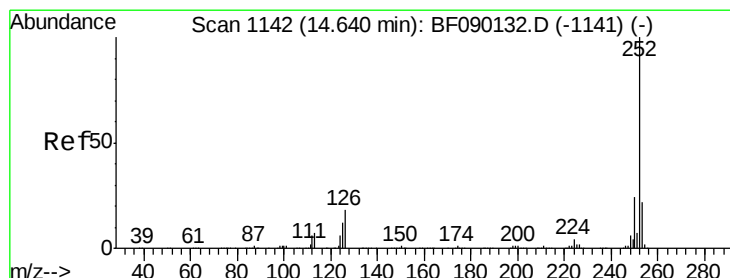
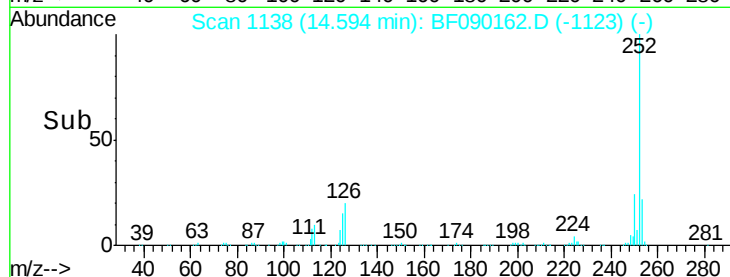
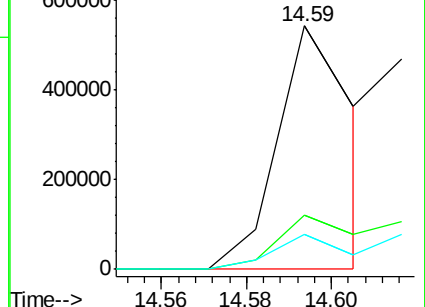
125 14.6 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.59 ng m

RT: 14.63 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

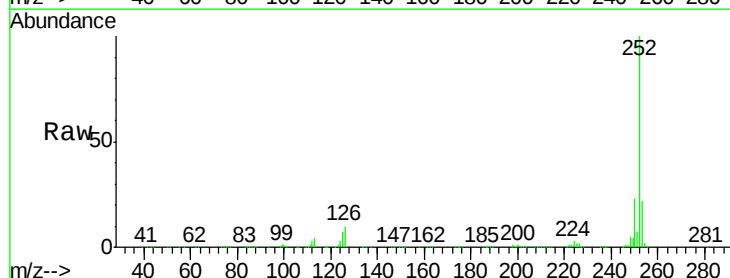
Tgt Ion:252 Resp: 769481

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

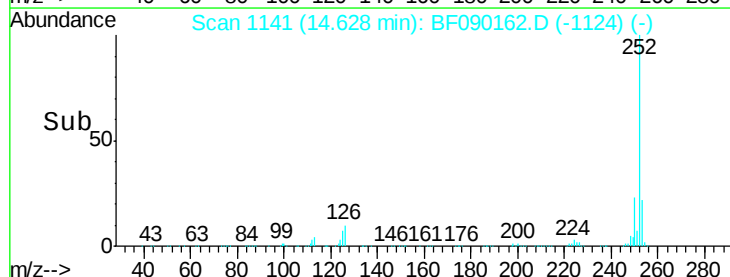
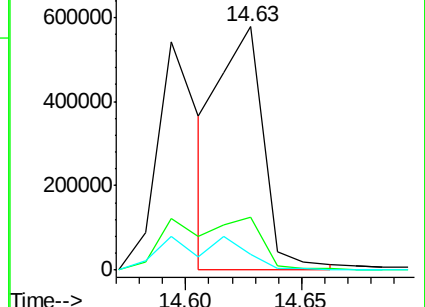
125 6.7 7.8 11.6#

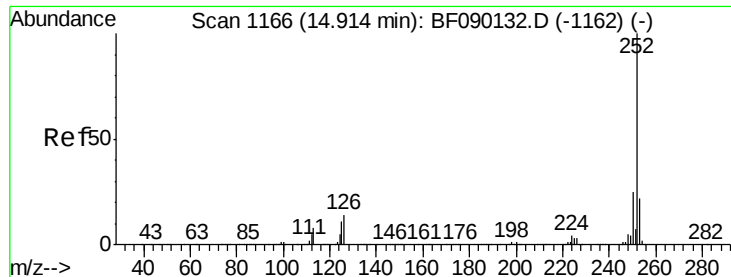


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

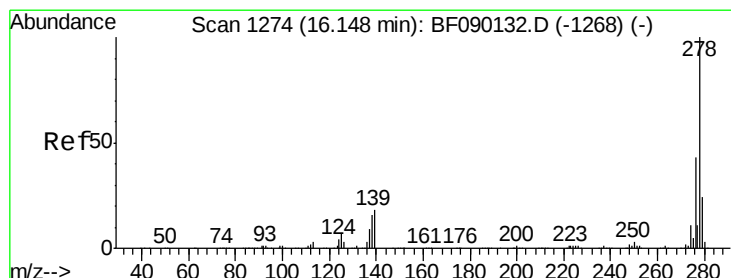
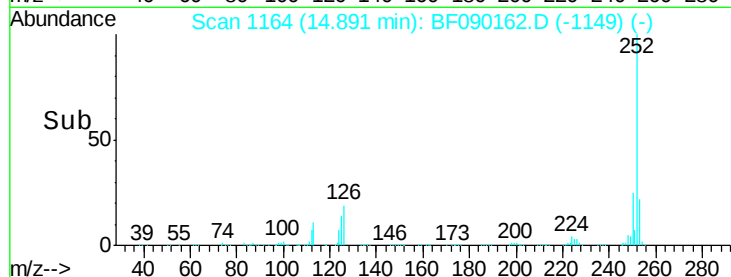
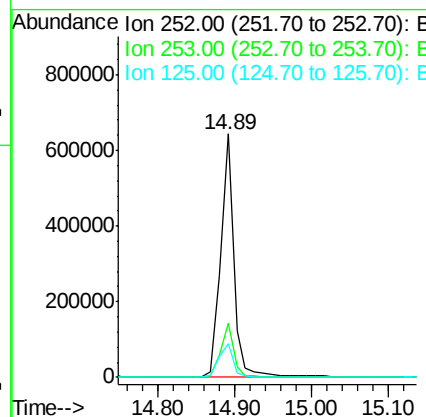
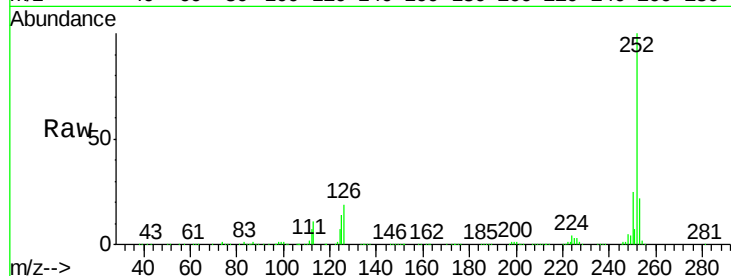




#89
Benzo(a)pyrene
Concen: 46.36 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

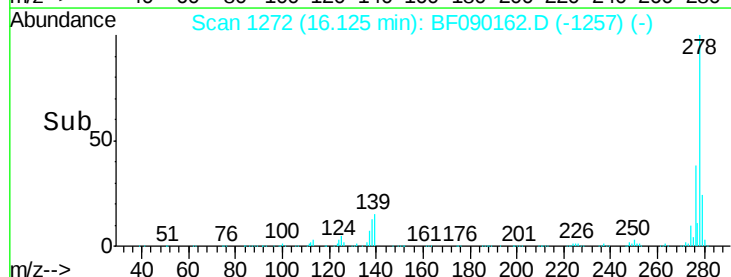
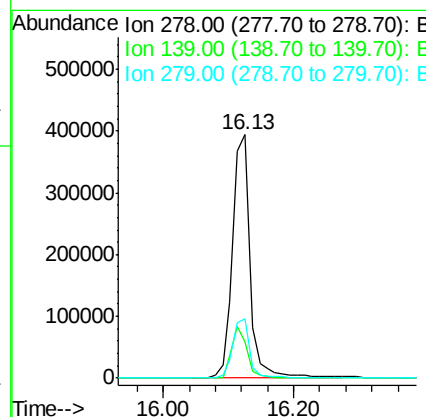
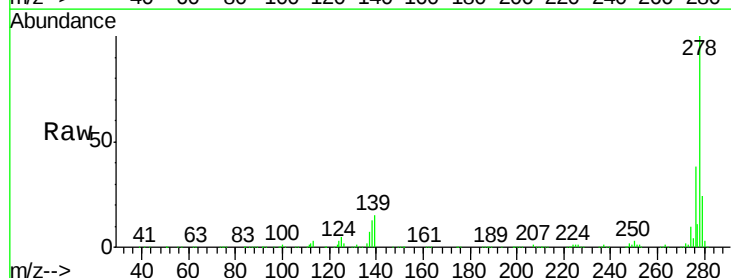
Instrument :
BNA_F
ClientSampleId :
PB93510BSD

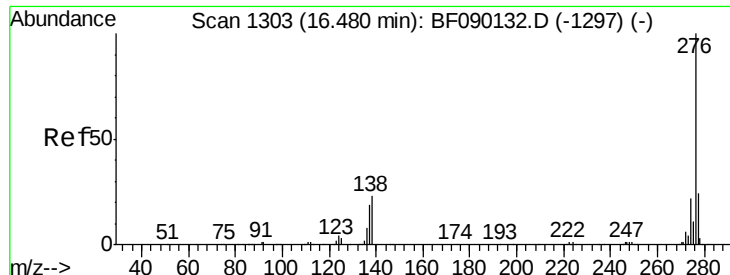
Tot Ion:252 Resp: 767458
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 13.9 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 57.05 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF090162.D
Acq: 21 Sep 2016 15:58

Tgt Ion:278 Resp: 737019
Ion Ratio Lower Upper
278 100
139 14.7 14.6 21.8
279 24.1 18.8 28.2





#91

Benzo(a,h,i)perylene

Concen: 61.24 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BF090162.D

Acq: 21 Sep 2016 15:58

Instrument :

BNA_F

ClientSampleId :

PB93510BSD

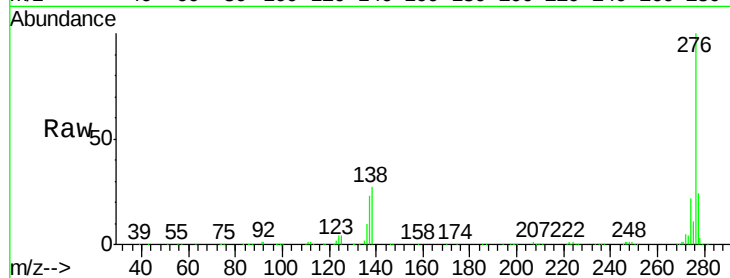
Tot Ion: 276 Resp: 774382

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 27.1 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

