

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090583.D
 Acq On : 15 Oct 2016 3:32
 Operator : UM/SJ
 Sample : PB94073BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Quant Time: Oct 15 04:38:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	211371	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	892609	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	413085	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	666350	20.00	ng	0.00
75) Chrysene-d12	14.10	240	426427	20.00	ng	0.00
86) Perylene-d12	15.56	264	369918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1778524	154.25	ng	0.01
7) Phenol-d6	6.57	99	2463945	143.82	ng	0.01
23) Nitrobenzene-d5	7.49	82	1630983	101.50	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	584728	158.77	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2367858	94.45	ng	0.00
78) Terphenyl-d14	13.04	244	2126641	116.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	255982	38.96	ng	96
3) Pyridine	3.38	79	648953	44.06	ng	93
4) n-Nitrosodimethylamine	3.33	42	262815	49.57	ng	95
6) Aniline	6.59	93	534877	25.84	ng	98
8) 2-Chlorophenol	6.70	128	715575	47.86	ng	100
9) Benzaldehyde	6.46	77	166750	15.31	ng	96
10) Phenol	6.58	94	1031744	52.66	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	778998	48.19	ng	98
12) 1,3-Dichlorobenzene	6.86	146	742345	49.79	ng	96
13) 1,4-Dichlorobenzene	6.93	146	761505	46.96	ng	93
14) 1,2-Dichlorobenzene	7.09	146	784888	51.78	ng	100
15) Benzyl Alcohol	7.07	79	656728	56.28	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1173986	51.60	ng	99
17) 2-Methylphenol	7.18	107	629169	54.00	ng	97
18) Hexachloroethane	7.43	117	315258	49.20	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	653821	55.66	ng	# 91
20) 3+4-Methylphenols	7.33	107	732151	51.83	ng	94
22) Acetophenone	7.33	105	1035898	52.53	ng	# 95
24) Nitrobenzene	7.50	77	823943	49.96	ng	99
25) Isophorone	7.74	82	1611986	55.12	ng	98
26) 2-Nitrophenol	7.82	139	402649	53.82	ng	95
27) 2,4-Dimethylphenol	7.87	122	645917	52.03	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	1005939	58.25	ng	99
29) 2,4-Dichlorophenol	8.07	162	553077	50.86	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	630429	49.50	ng	99
31) Naphthalene	8.23	128	2207560	48.55	ng	99
32) Benzoic acid	8.01	122	333172	43.69	ng	94
33) 4-Chloroaniline	8.28	127	164484	9.46	ng	97
34) Hexachlorobutadiene	8.35	225	373606	52.50	ng	99
35) Caprolactam	8.66	113	106347	35.04	ng	96
36) 4-Chloro-3-methylphenol	8.77	107	622202	49.59	ng	# 81
37) 2-Methylnaphthalene	8.92	142	1230118	46.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	641305	58.55	ng	98
40) Hexachlorocyclopentadiene	9.08	237	484057	90.47	ng	99

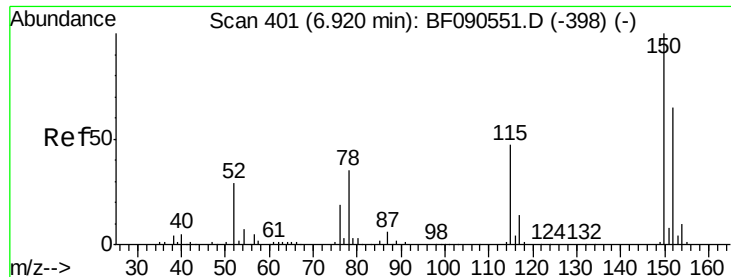
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	396177	64.13	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	407861	55.34	ng	# 82
45) 1,1'-Biphenyl	9.39	154	1658525	52.76	ng	98
46) 2-Chloronaphthalene	9.41	162	1224731	52.25	ng	98
47) 2-Nitroaniline	9.51	65	386313	45.46	ng	# 81
48) Acenaphthylene	9.83	152	1848937	49.54	ng	99
49) Dimethylphthalate	9.70	163	1443873	53.87	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	339166	57.83	ng	92
51) Acenaphthene	10.01	154	1267195	51.08	ng	100
52) 3-Nitroaniline	9.93	138	163105	22.16	ng	94
53) 2,4-Dinitrophenol	10.03	184	212253	67.61	ng	# 66
54) Dibenzofuran	10.18	168	1738598	53.28	ng	99
55) 4-Nitrophenol	10.10	139	463563	104.67	ng	# 74
56) 2,4-Dinitrotoluene	10.15	165	405423	50.90	ng	94
57) Fluorene	10.52	166	1383637	51.40	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	351750	57.30	ng	94
59) Diethylphthalate	10.39	149	1535988	56.51	ng	# 94
60) 4-Chlorophenyl-phenylether	10.51	204	717566	56.55	ng	97
61) 4-Nitroaniline	10.54	138	304023	41.20	ng	96
62) Azobenzene	10.67	77	1580278	50.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	162711	40.35	ng	95
65) n-Nitrosodiphenylamine	10.63	169	1177911	53.52	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	419208	58.63	ng	98
67) Hexachlorobenzene	11.07	284	438846	56.53	ng	# 62
68) Atrazine	11.16	200	379303	62.31	ng	92
69) Pentachlorophenol	11.26	266	445020	115.66	ng	98
70) Phenanthrene	11.48	178	1810027	50.89	ng	99
71) Anthracene	11.53	178	1929155	50.39	ng	100
72) Carbazole	11.69	167	1683028	49.11	ng	99
73) Di-n-butylphthalate	12.02	149	2255574	56.18	ng	99
74) Fluoranthene	12.67	202	1720513	48.09	ng	99
76) Benzidine	12.80	184	259653	24.47	ng	97
77) Pyrene	12.90	202	1618125	57.29	ng	100
79) Butylbenzylphthalate	13.52	149	834253	66.67	ng	99
80) Benzo(a)anthracene	14.09	228	1344184	55.37	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	300694	36.26	ng	99
82) Chrysene	14.12	228	1139098	48.70	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1143062	67.71	ng	100
84) Di-n-octyl phthalate	14.69	149	1625517	71.82	ng	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1159151	85.71	ng	98
87) Benzo(b)fluoranthene	15.14	252	1215172	50.20	ng	# 94
88) Benzo(k)fluoranthene	15.14	252	1215172	46.66	ng	# 97
89) Benzo(a)pyrene	15.50	252	1152352	52.00	ng	# 95
90) Dibenzo(a,h)anthracene	17.04	278	1001475	59.26	ng	98
91) Benzo(g,h,i)perylene	17.46	276	872356	54.13	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

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PB94073BS

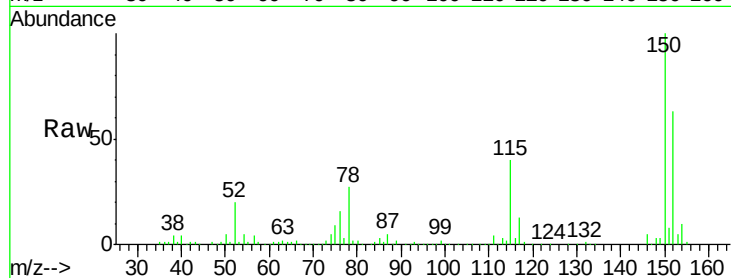
Tgt Ion:152 Resp: 211371

Ion Ratio Lower Upper

152 100

150 158.5 127.2 190.8

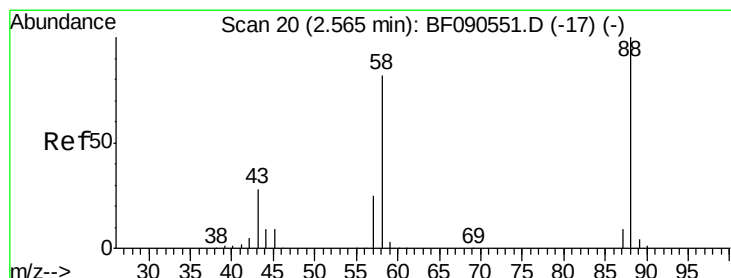
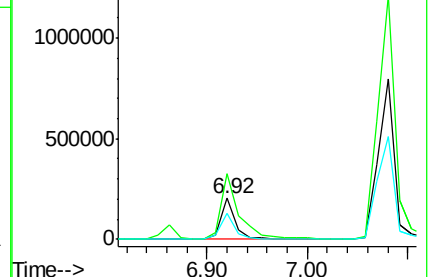
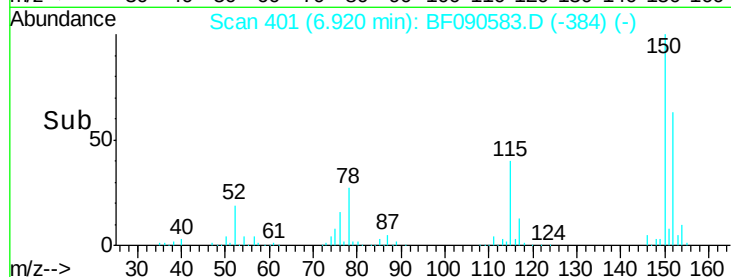
115 63.6 58.6 88.0



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: 38.96 ng

RT: 2.63 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

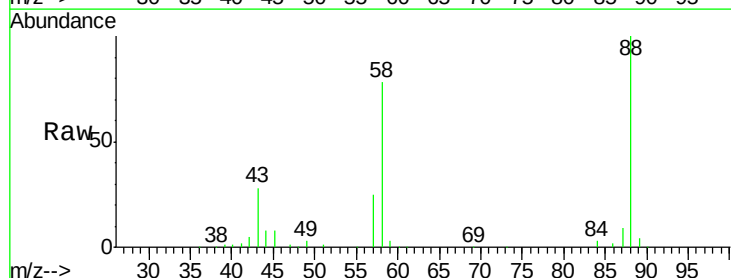
Tgt Ion: 88 Resp: 255982

Ion Ratio Lower Upper

88 100

58 80.3 67.2 100.8

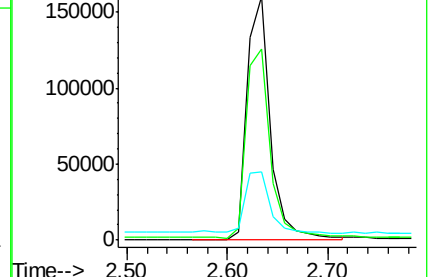
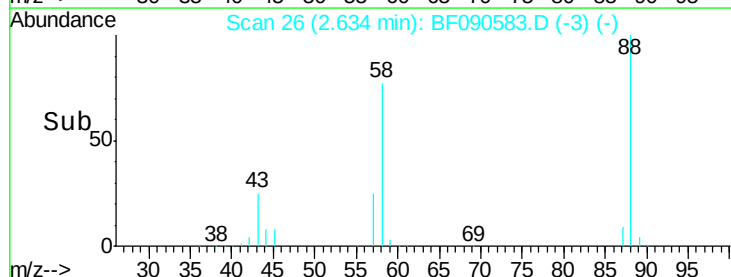
43 28.2 24.1 36.1

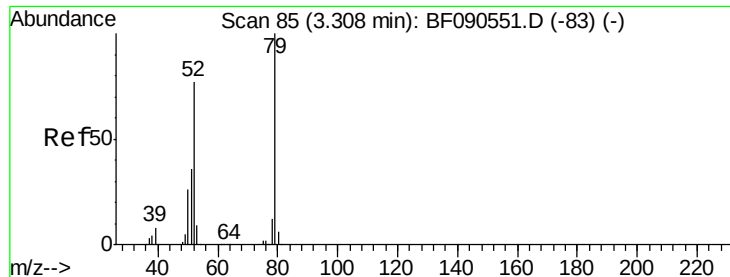


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.06 ng

RT: 3.38 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

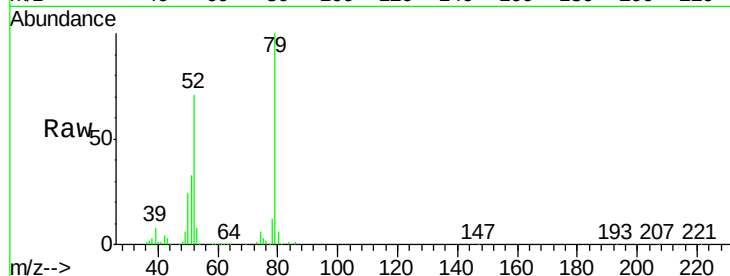
Tgt Ion: 79 Resp: 648953

Ion Ratio Lower Upper

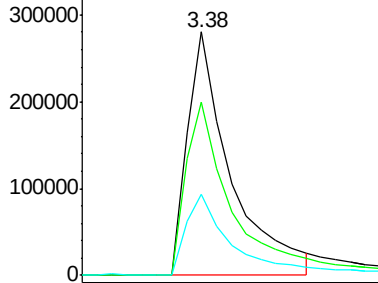
79 100

52 71.0 61.8 92.8

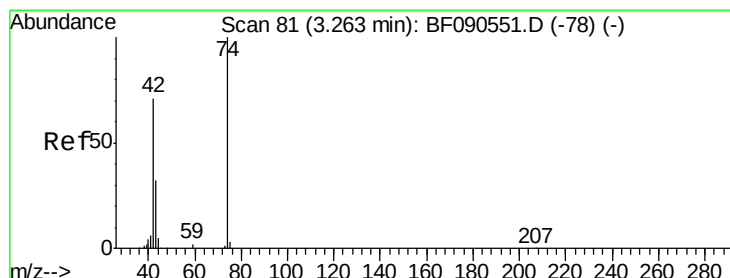
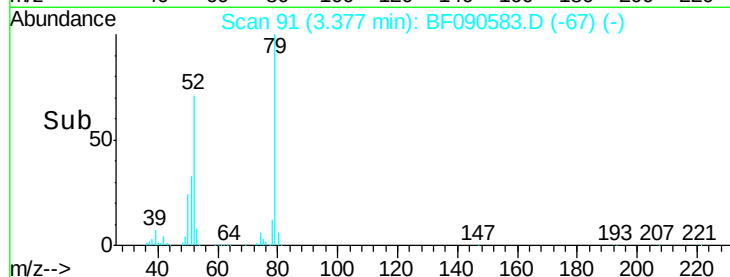
51 33.4 29.2 43.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 49.57 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

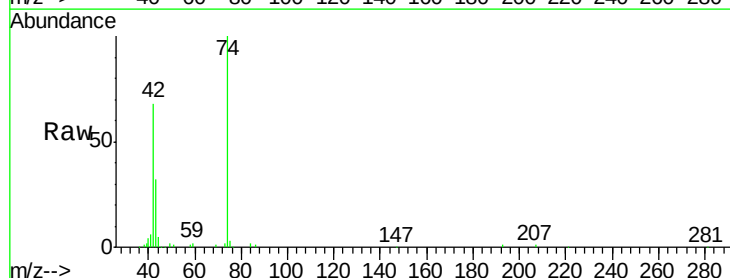
Tgt Ion: 42 Resp: 262815

Ion Ratio Lower Upper

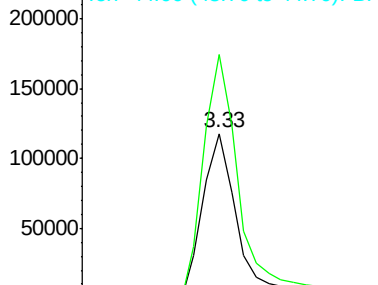
42 100

74 147.9 113.3 169.9

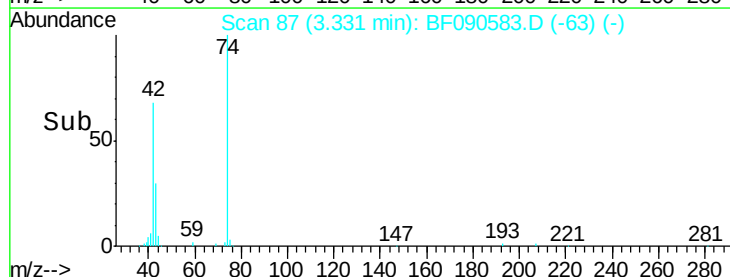
44 7.5 6.0 9.0

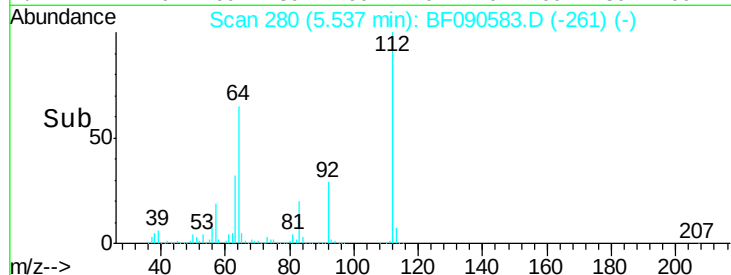
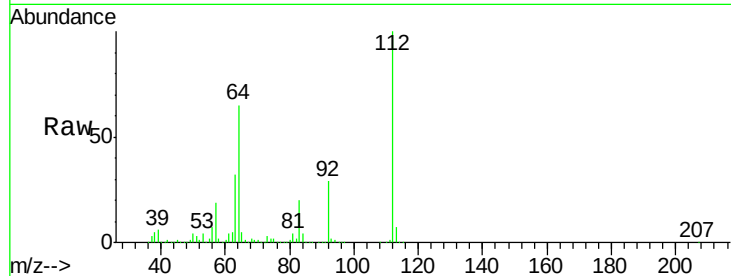
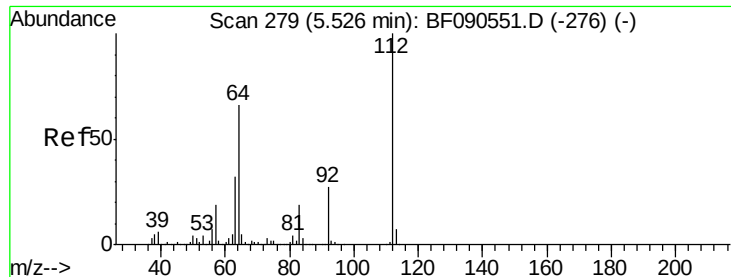


Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



Time-->

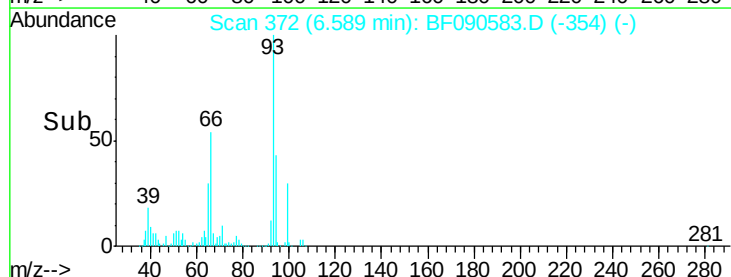
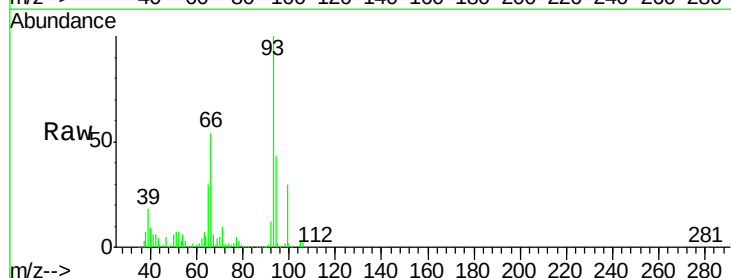
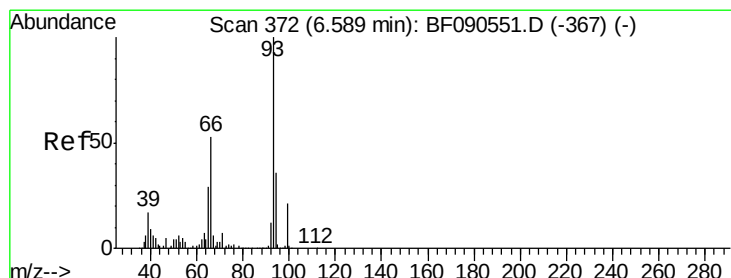
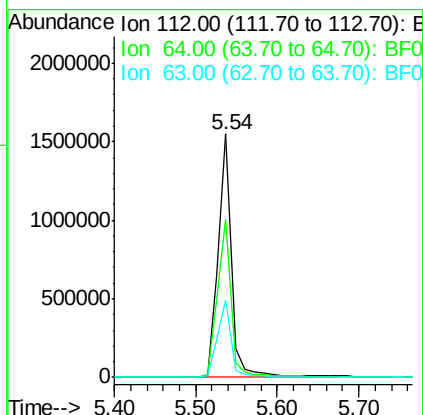




#5
2-Fluorophenol
Concen: 154.25 ng
RT: 5.54 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

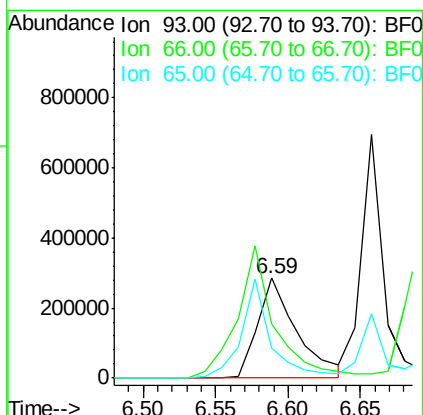
Instrument :
BNA_F
ClientSampleId :
PB94073BS

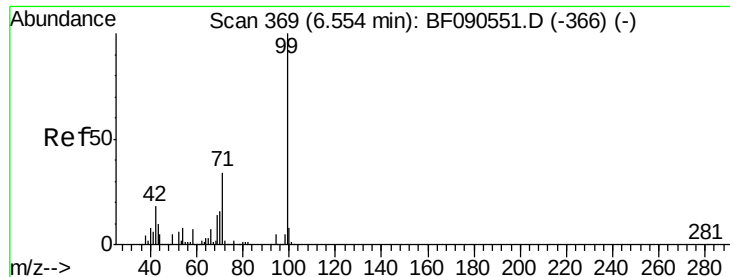
Tgt Ion: 112 Resp: 1778524
Ion Ratio Lower Upper
112 100
64 65.1 52.6 78.8
63 31.8 26.0 39.0



#6
Aniline
Concen: 25.84 ng
RT: 6.59 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion: 93 Resp: 534877
Ion Ratio Lower Upper
93 100
66 54.0 42.2 63.2
65 30.4 22.9 34.3





#7

Phenol-d6

Concen: 143.82 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

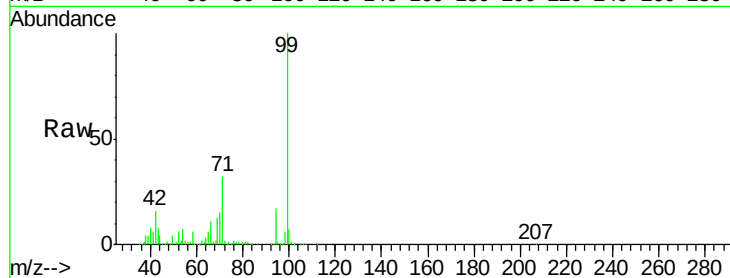
Tgt Ion: 99 Resp: 2463945

Ion Ratio Lower Upper

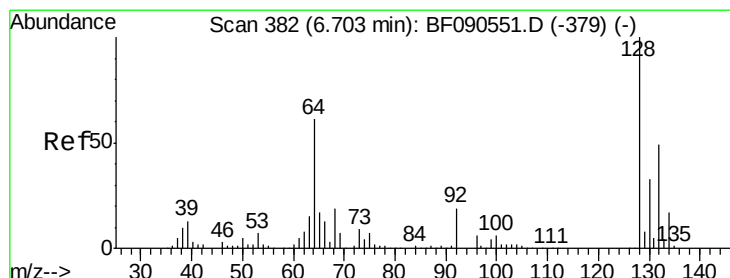
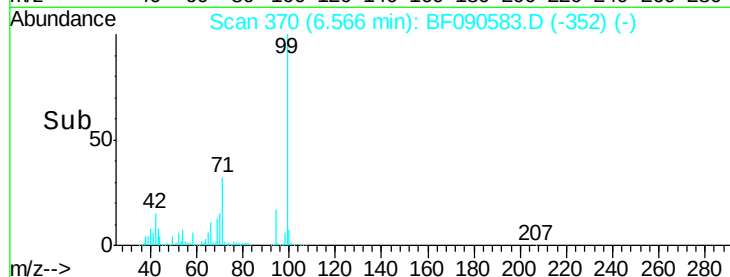
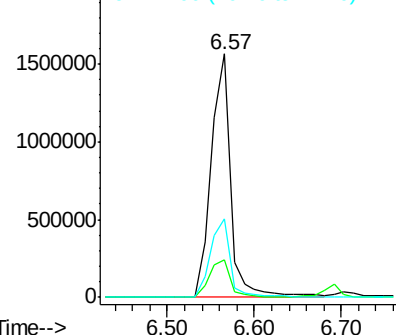
99 100

42 15.5 14.7 22.1

71 32.2 27.6 41.4



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: 47.86 ng

RT: 6.70 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

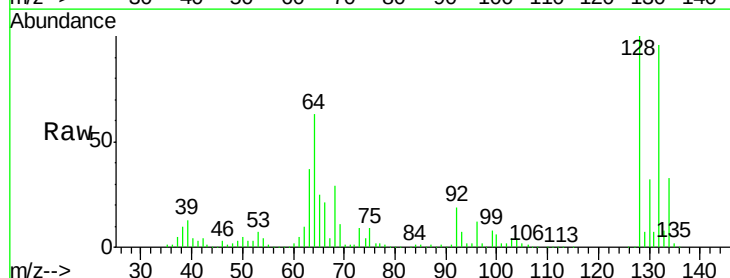
Tgt Ion: 128 Resp: 715575

Ion Ratio Lower Upper

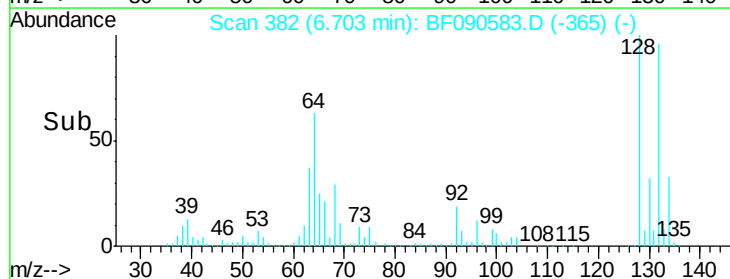
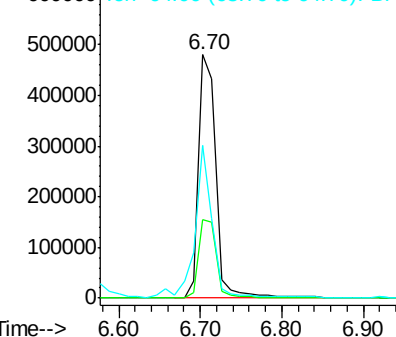
128 100

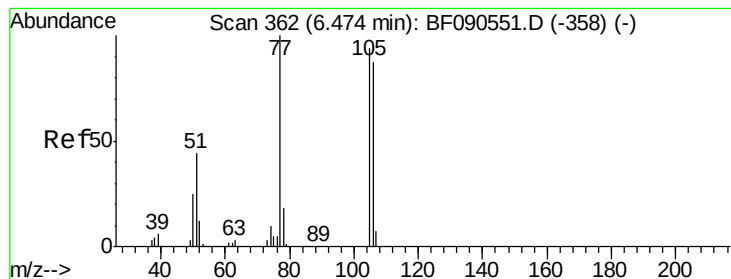
130 32.4 12.6 52.6

64 62.9 42.6 82.6



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: 15.31 ng

RT: 6.46 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

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ClientSampleId :

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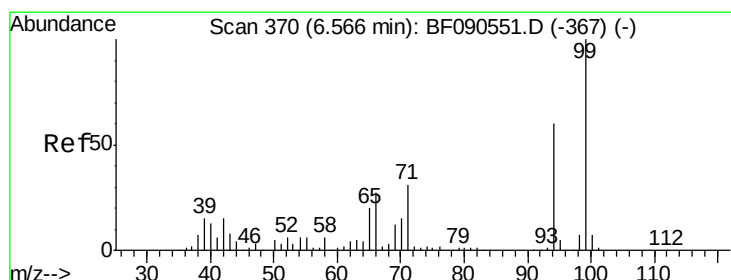
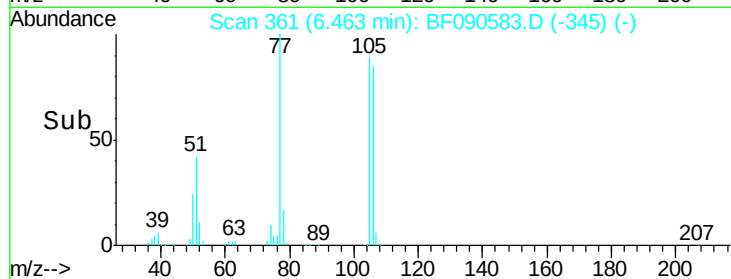
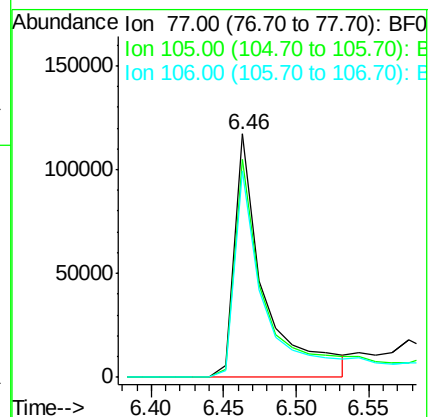
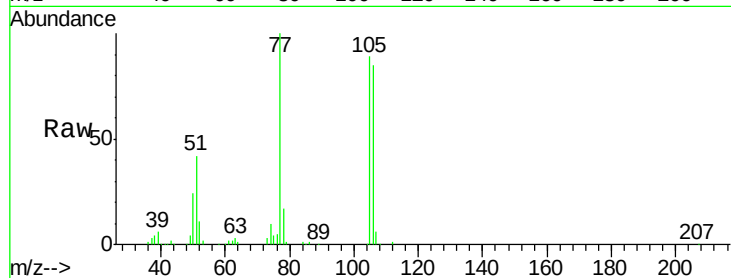
Tgt Ion: 77 Resp: 166750

Ion Ratio Lower Upper

77 100

105 89.3 74.3 114.3

106 84.7 67.2 107.2



#10

Phenol

Concen: 52.66 ng

RT: 6.58 min Scan# 371

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

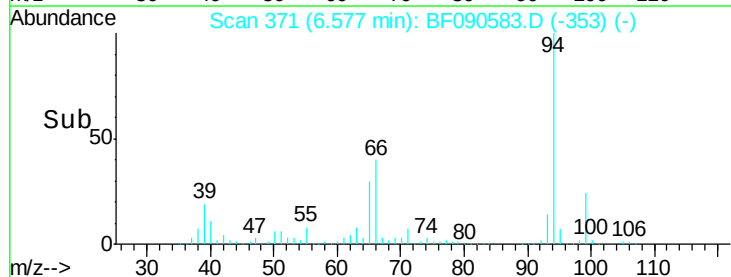
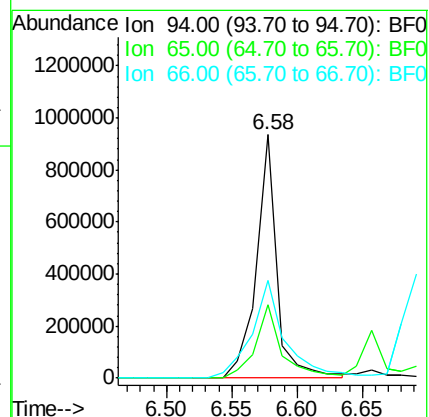
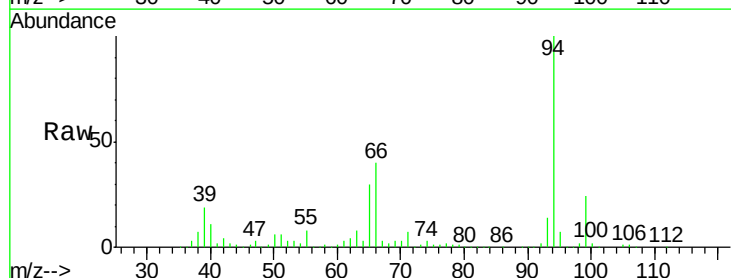
Tgt Ion: 94 Resp: 1031744

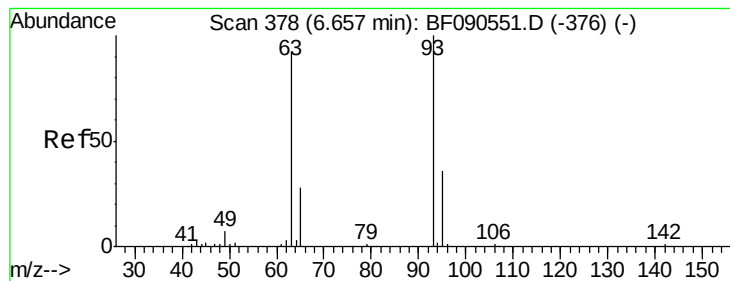
Ion Ratio Lower Upper

94 100

65 30.2 12.5 52.5

66 40.3 25.5 65.5





#11

bis(2-Chloroethyl)ether

Concen: 48.19 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

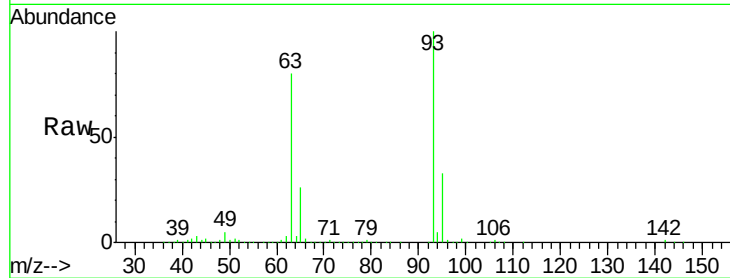
Tgt Ion: 93 Resp: 778998

Ion Ratio Lower Upper

93 100

63 79.6 61.6 101.6

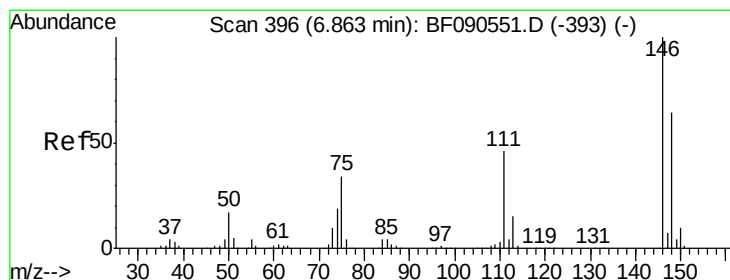
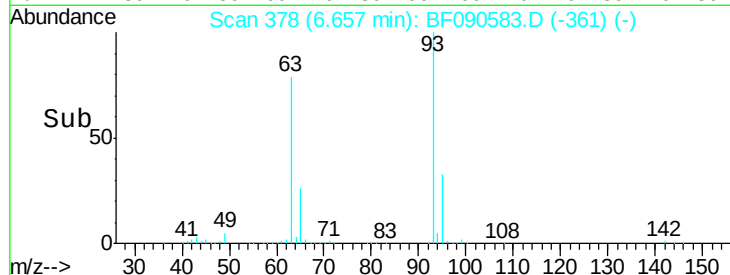
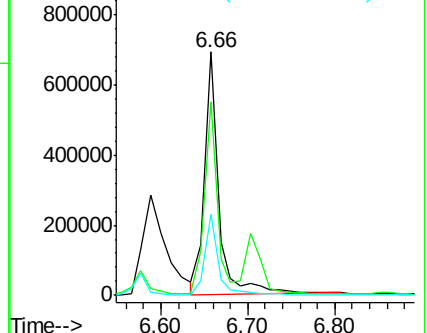
95 33.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.79 ng

RT: 6.86 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

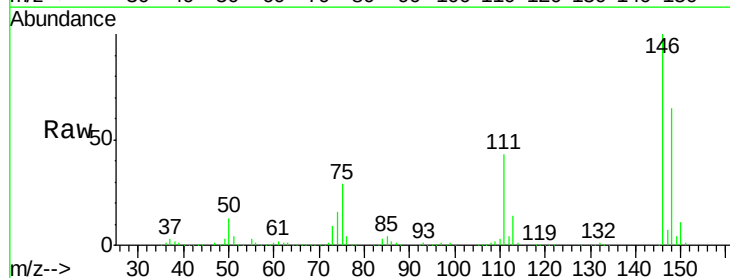
Tgt Ion: 146 Resp: 742345

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

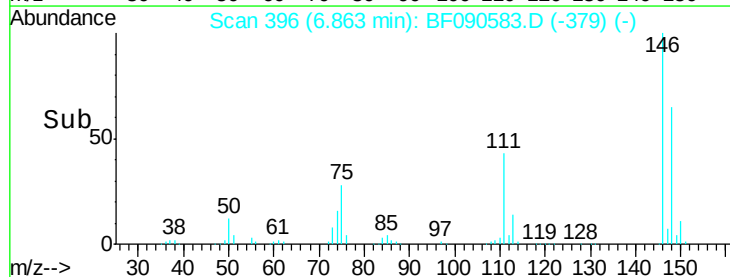
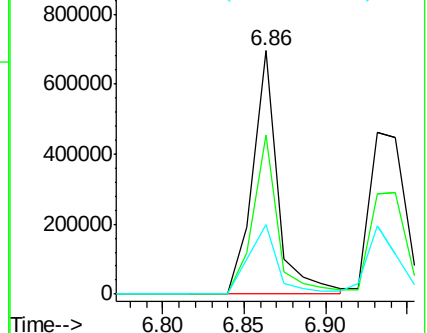
75 28.6 27.0 40.6

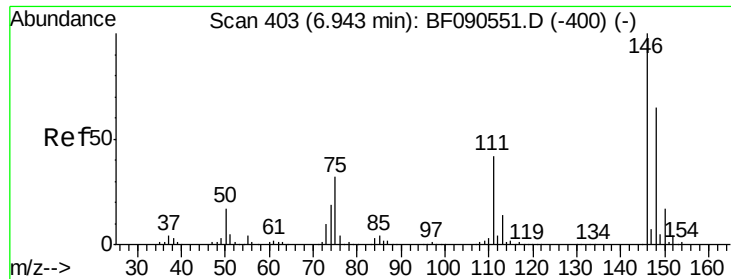


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

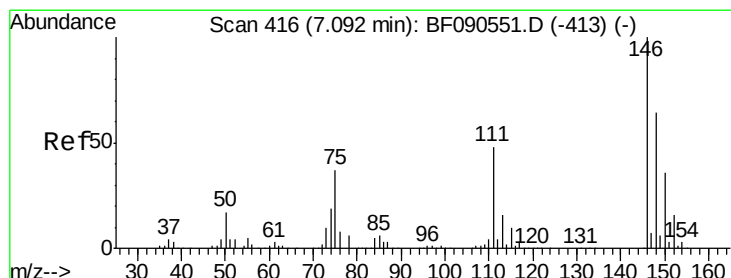
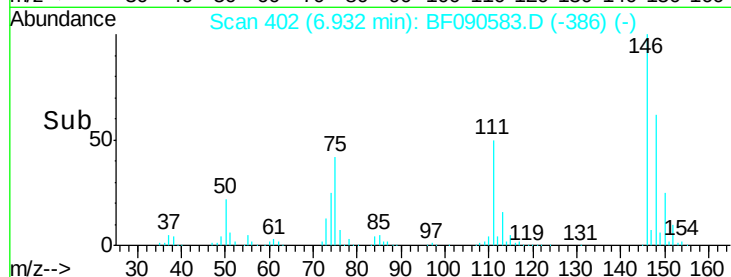
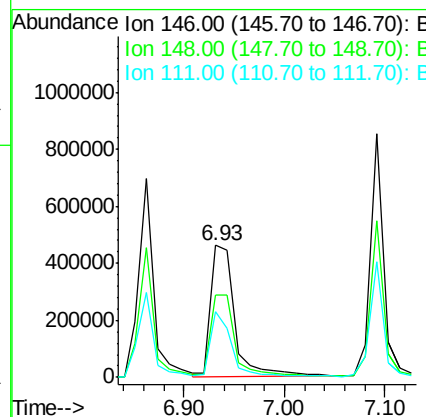
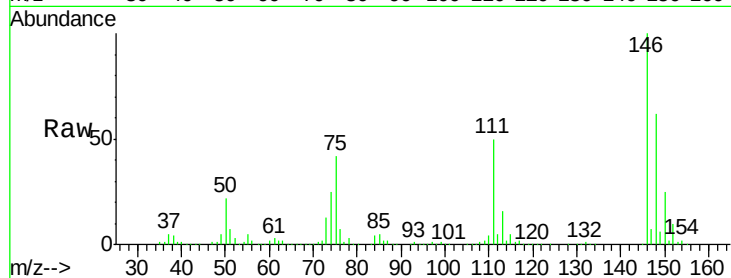




#13
 1,4-Dichlorobenzene
 Concen: 46.96 ng
 RT: 6.93 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

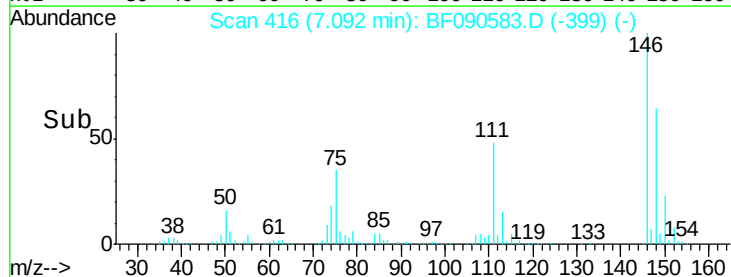
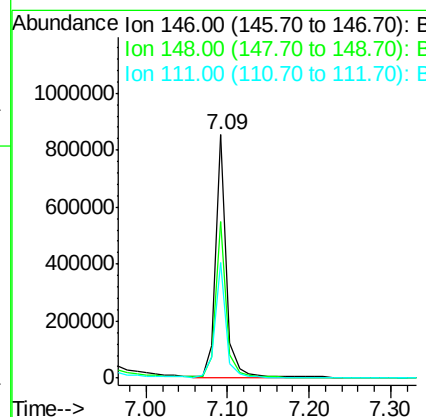
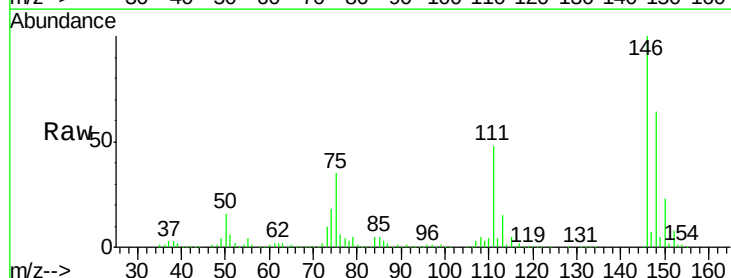
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

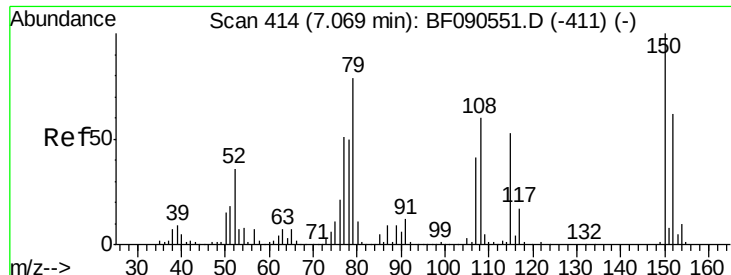
Tgt Ion:146 Resp: 761505
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.9 77.9
 111 49.5 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 51.78 ng
 RT: 7.09 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:146 Resp: 784888
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 47.6 38.2 57.2

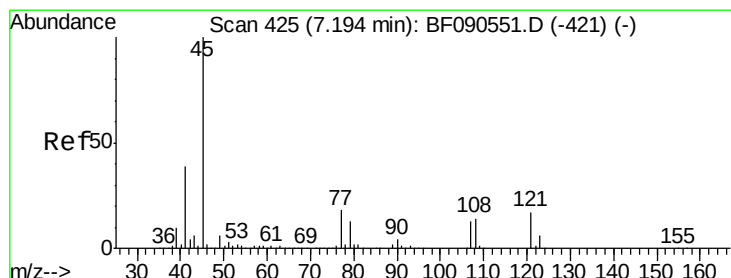
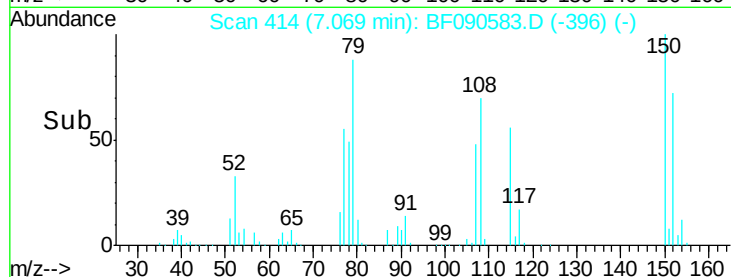
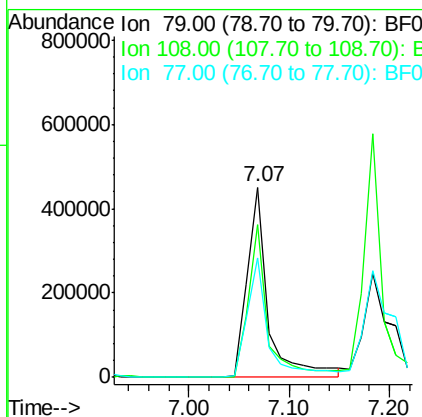
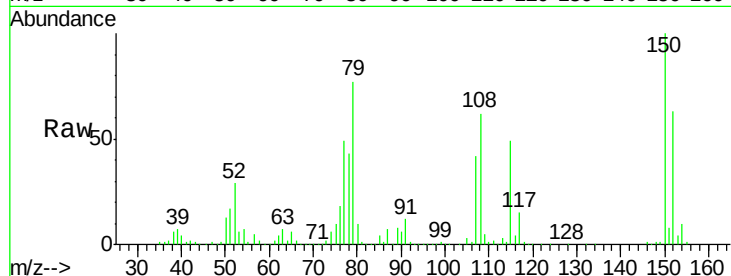




#15
Benzyl Alcohol
Concen: 56.28 ng
RT: 7.07 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

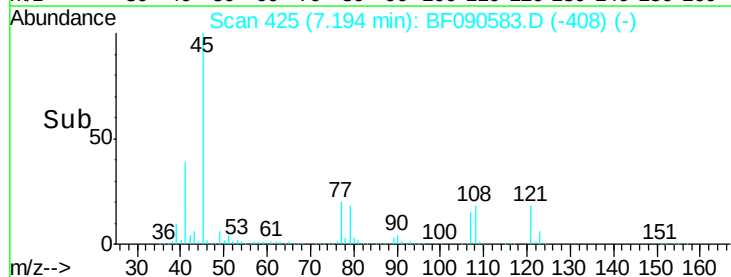
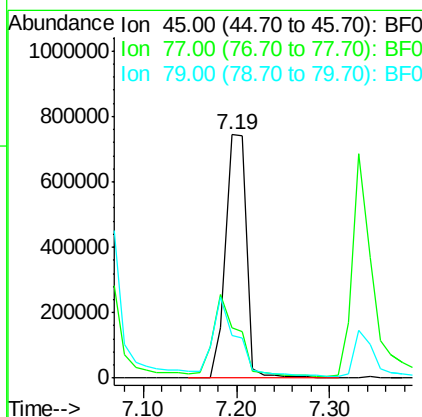
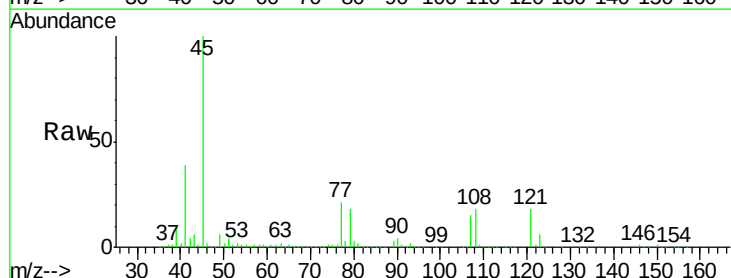
Instrument :
BNA_F
ClientSampleId :
PB94073BS

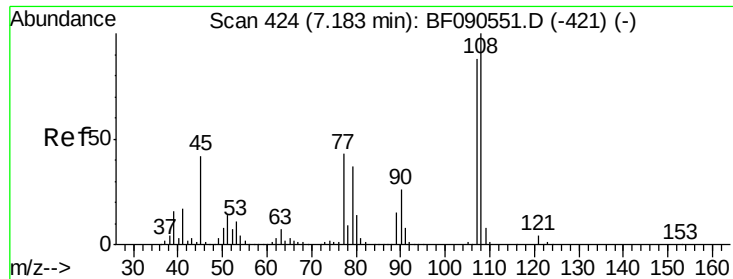
Tgt Ion: 79 Resp: 656728
Ion Ratio Lower Upper
79 100
108 80.3 60.2 90.4
77 63.2 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.60 ng
RT: 7.19 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion: 45 Resp: 1173986
Ion Ratio Lower Upper
45 100
77 20.6 0.9 40.9
79 17.7 0.0 37.3

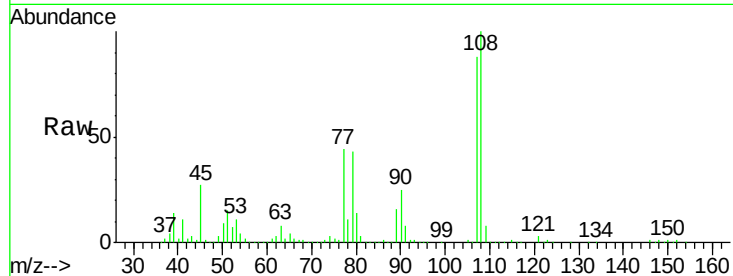




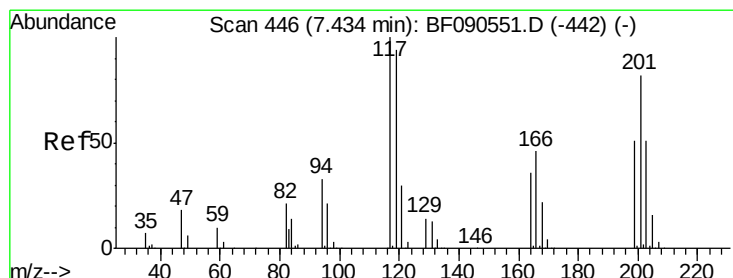
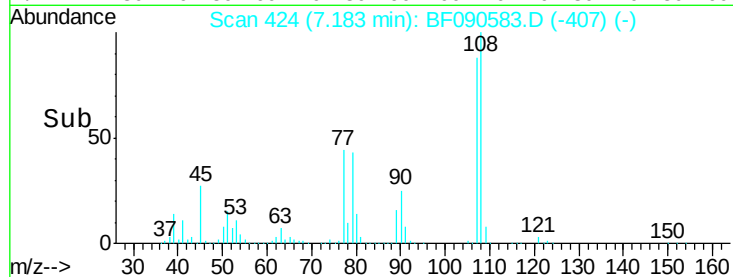
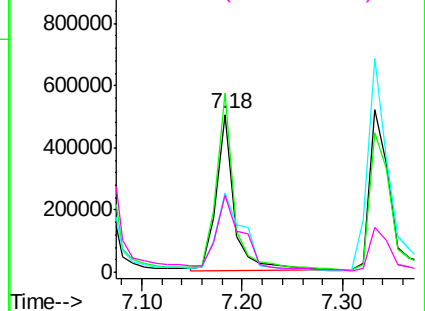
#17
2-Methylphenol
Concen: 54.00 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tgt Ion:107 Resp: 629169
Ion Ratio Lower Upper
107 100
108 113.7 92.6 138.8
77 50.0 42.2 63.2
79 48.9 40.7 61.1

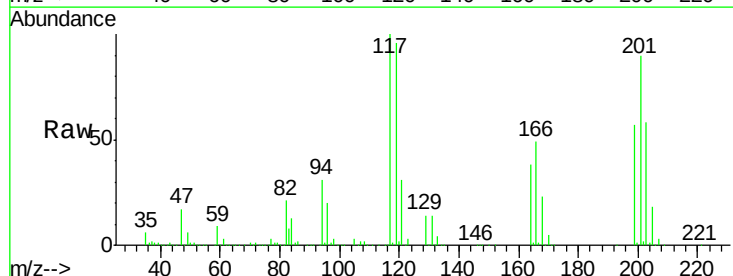


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

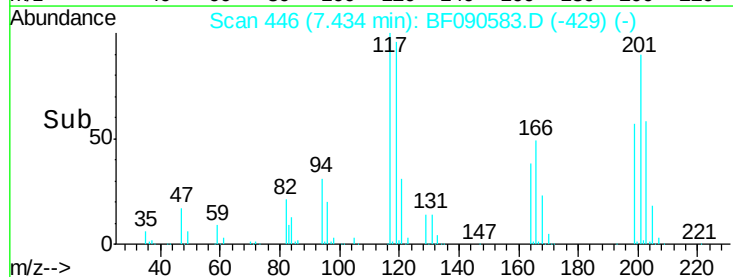
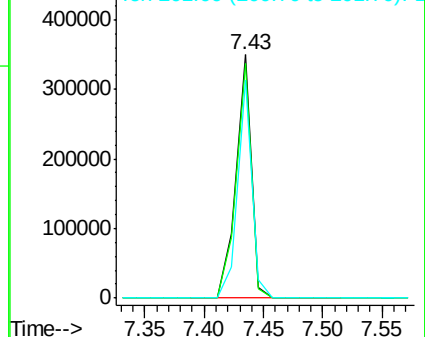


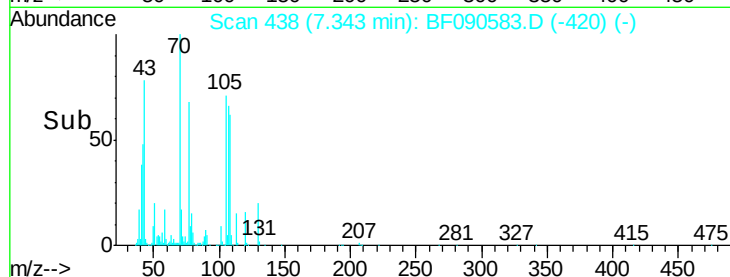
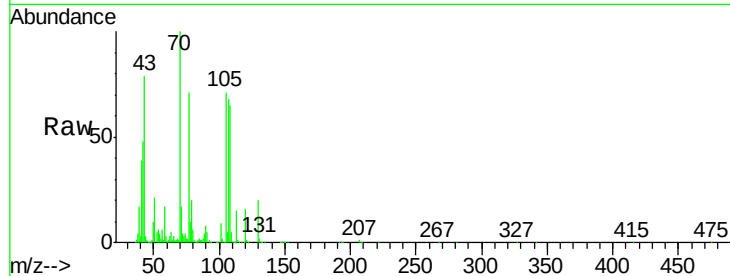
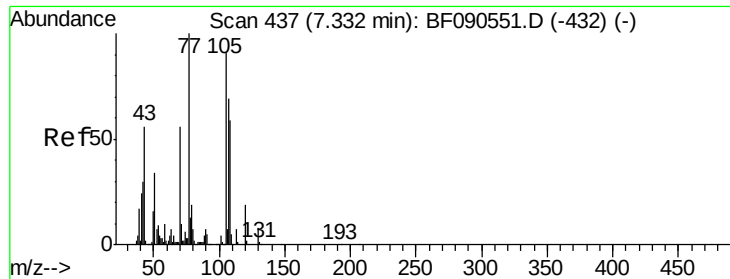
#18
Hexachloroethane
Concen: 49.20 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:117 Resp: 315258
Ion Ratio Lower Upper
117 100
119 96.2 75.6 113.4
201 89.6 65.4 98.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

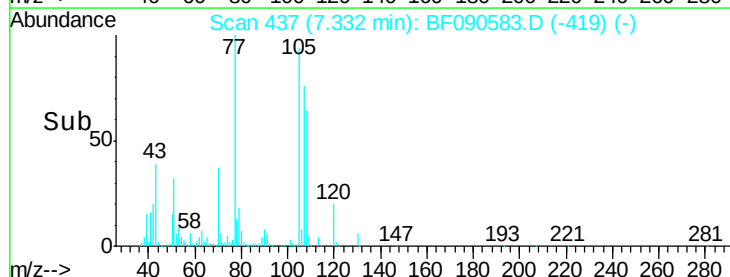
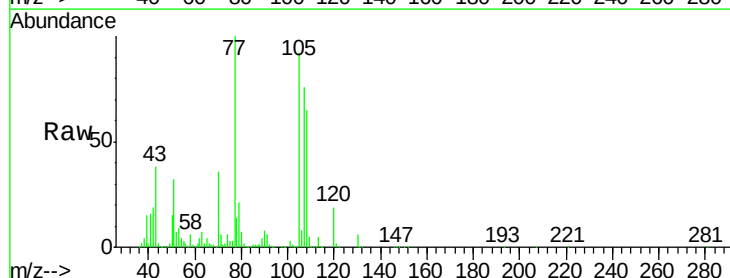
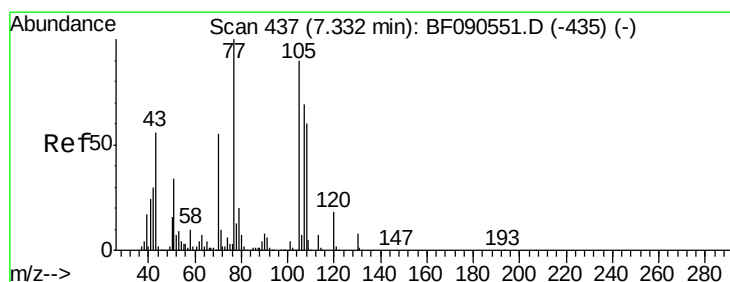
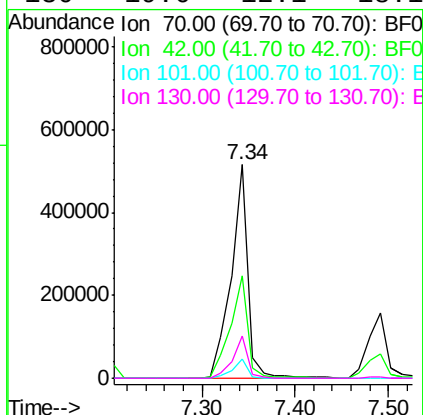




#19
n-Nitroso-di-n-propylamine
Concen: 55.66 ng
RT: 7.34 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

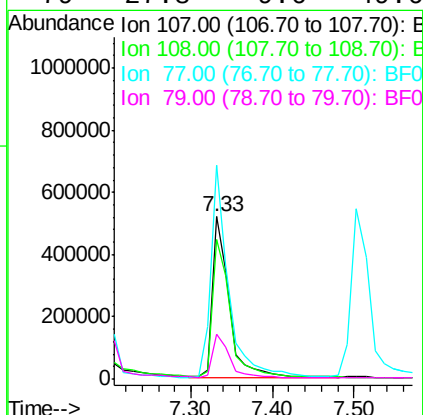
Instrument :
BNA_F
ClientSampleId :
PB94073BS

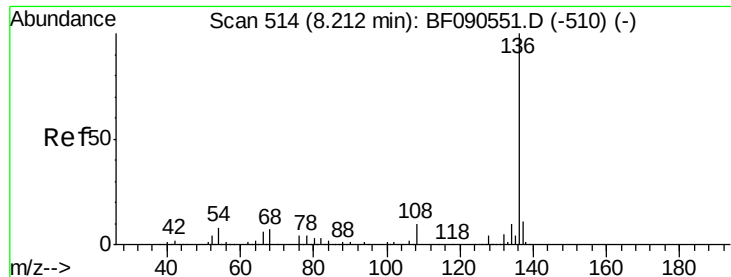
Tgt Ion: 70 Resp: 653821
Ion Ratio Lower Upper
70 100
42 47.8 43.4 65.0
101 9.2 6.4 9.6
130 19.6 12.1 18.1#



#20
3+4-Methylphenols
Concen: 51.83 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion: 107 Resp: 732151
Ion Ratio Lower Upper
107 100
108 86.3 67.7 107.7
77 131.8 123.1 163.1
79 27.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

Tgt Ion:136 Resp: 892609

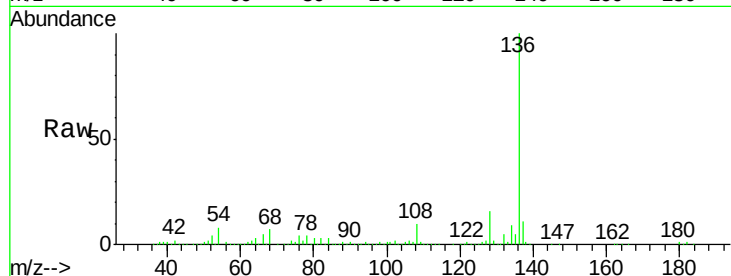
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 6.8 10.2

68 6.9 6.0 9.0

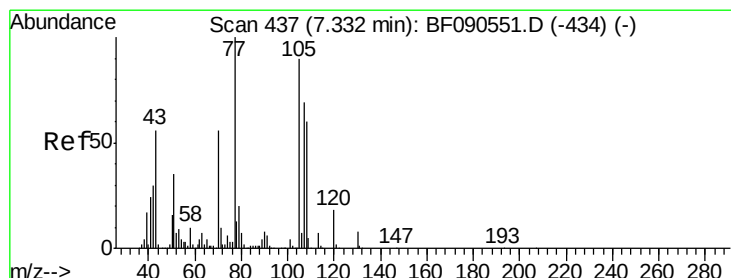
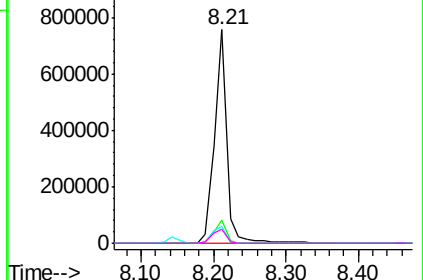
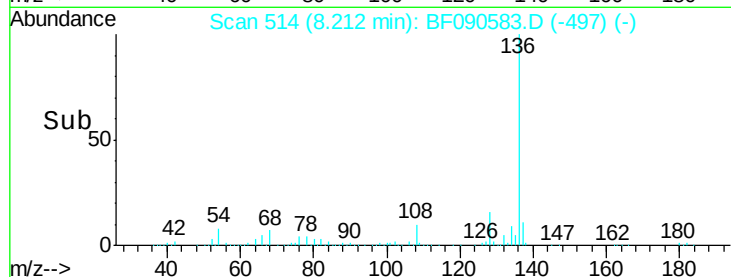


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.53 ng

RT: 7.33 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion:105 Resp: 1035898

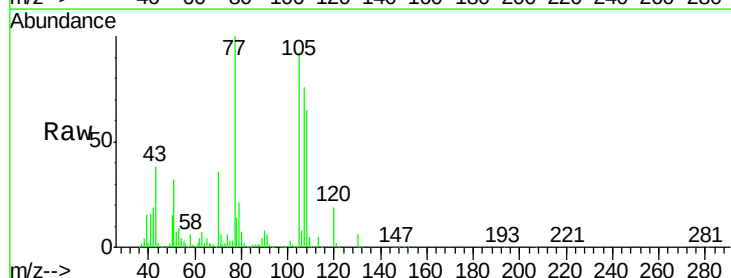
Ion Ratio Lower Upper

105 100

71 6.7 8.5 12.7#

51 35.1 31.0 46.4

120 21.1 16.2 24.4

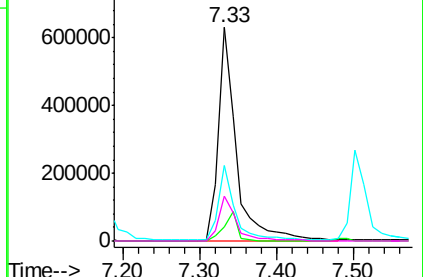
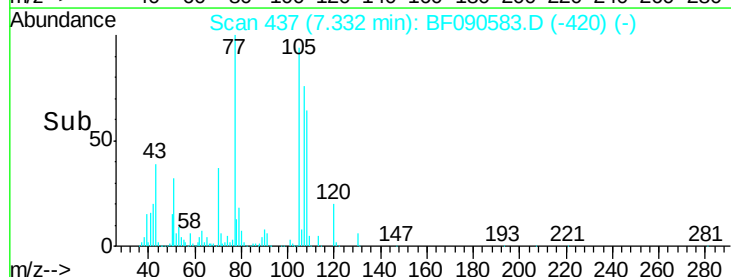


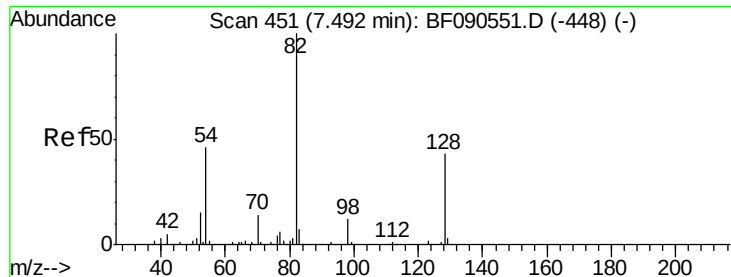
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



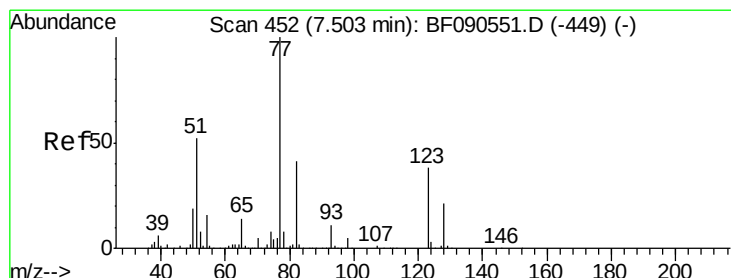
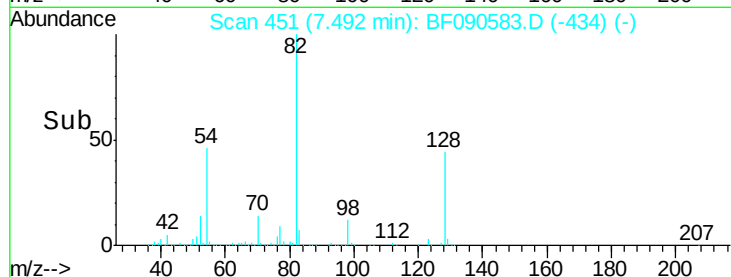
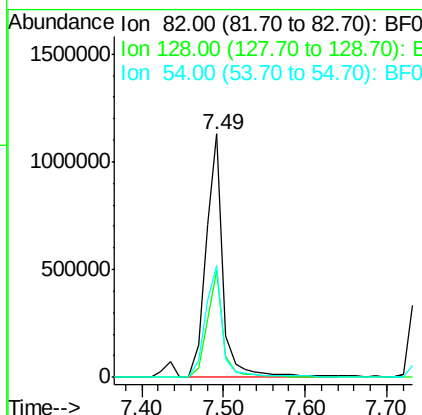
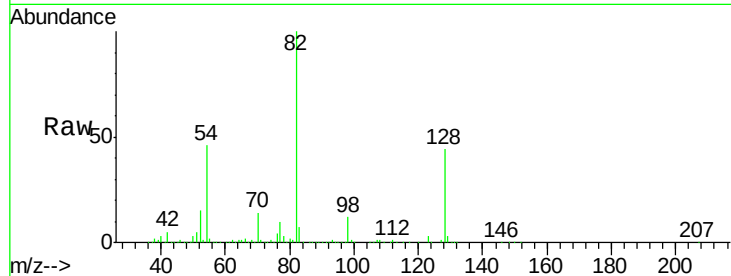


#23
 Nitrobenzene-d5
 Concen: 101.50 ng
 RT: 7.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion: 82 Resp: 1630983

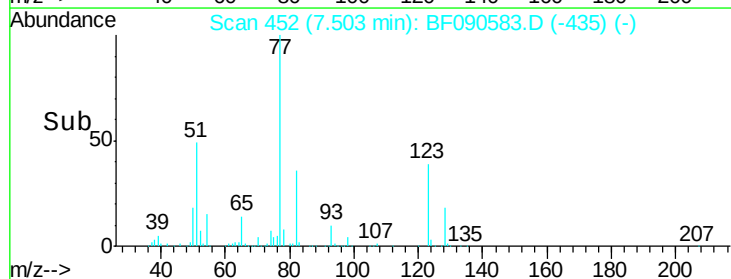
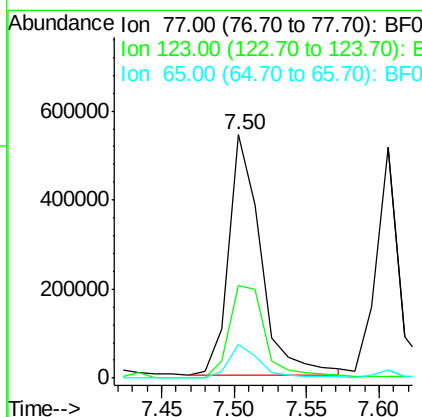
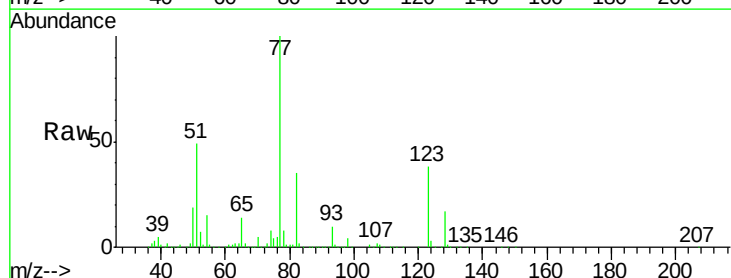
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.3	51.5
54	46.1	37.0	55.6

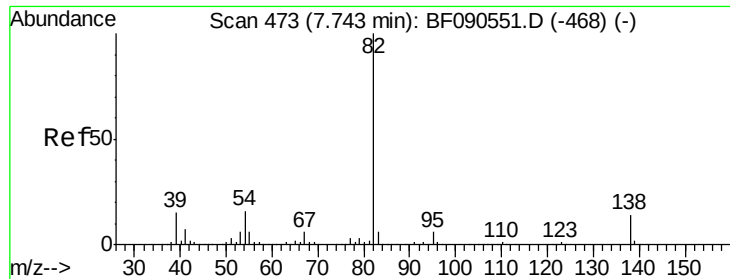


#24
 Nitrobenzene
 Concen: 49.96 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion: 77 Resp: 823943

Ion	Ratio	Lower	Upper
77	100		
123	38.0	29.8	44.6
65	13.6	10.9	16.3





#25

Isophorone

Concen: 55.12 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

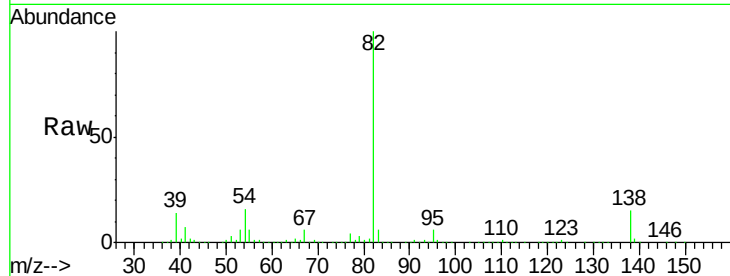
Tgt Ion: 82 Resp: 1611986

Ion Ratio Lower Upper

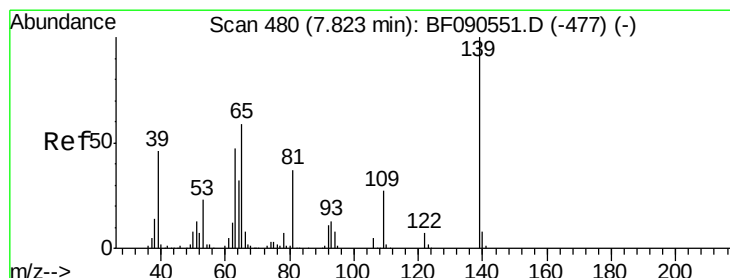
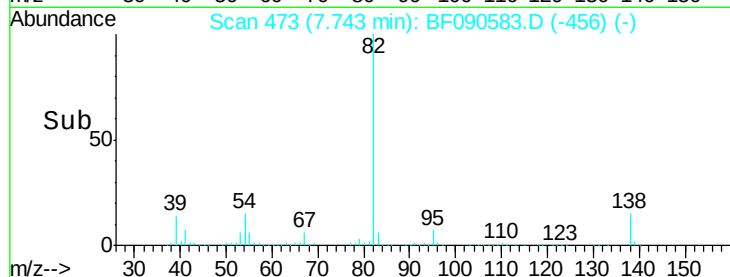
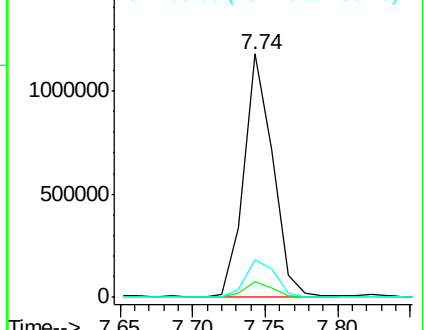
82 100

95 6.4 5.0 7.6

138 15.2 11.5 17.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 53.82 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

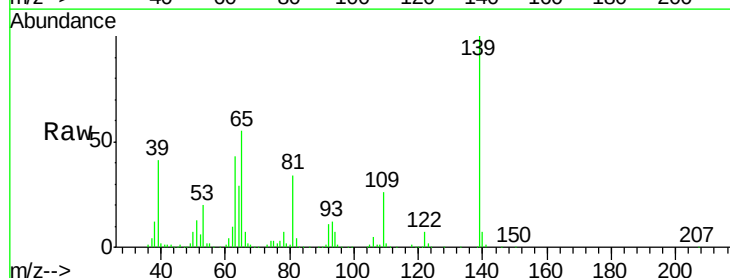
Tgt Ion: 139 Resp: 402649

Ion Ratio Lower Upper

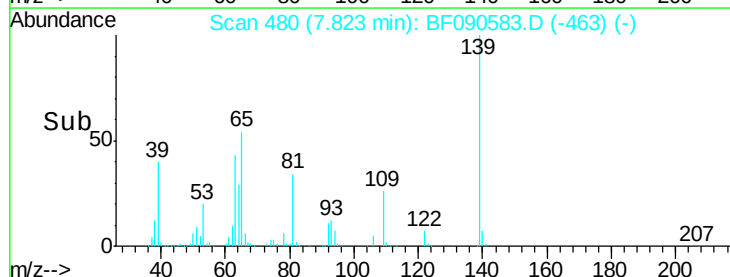
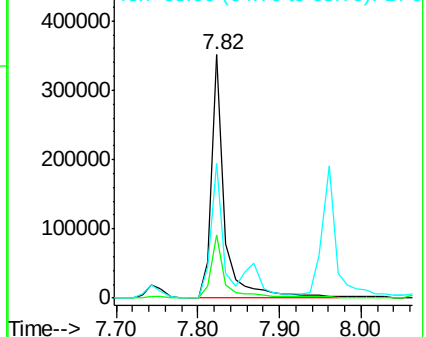
139 100

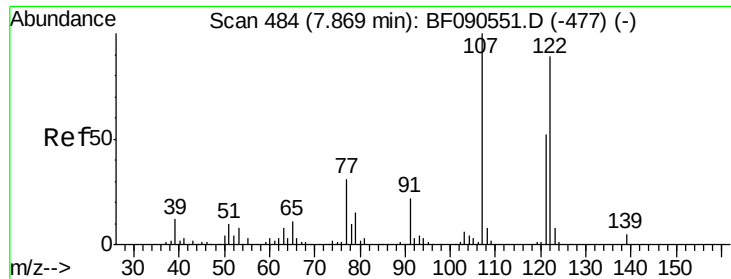
109 26.0 21.8 32.6

65 55.2 47.7 71.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

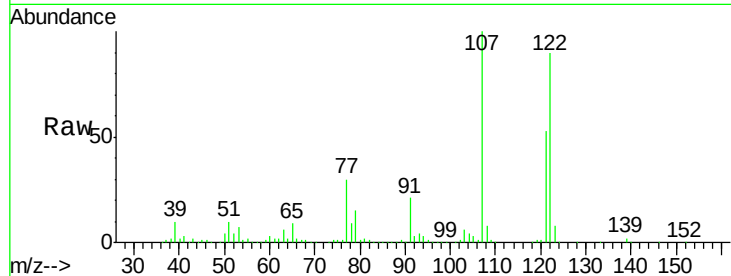




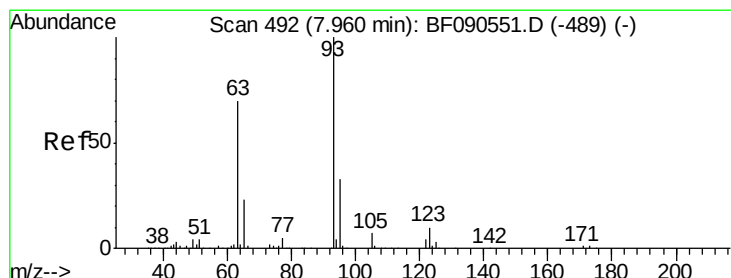
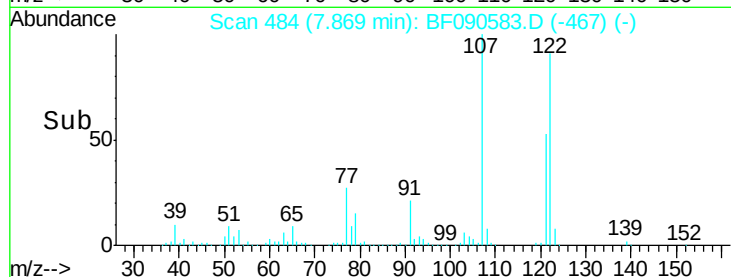
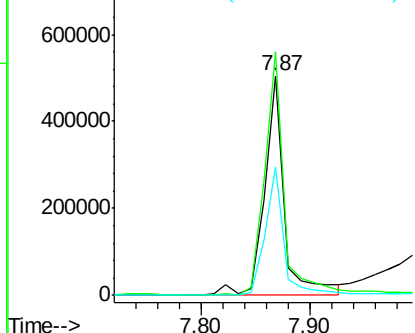
#27
 2,4-Dimethylphenol
 Concen: 52.03 ng
 RT: 7.87 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion:122 Resp: 645917
 Ion Ratio Lower Upper
 122 100
 107 110.9 89.8 134.6
 121 58.5 46.1 69.1

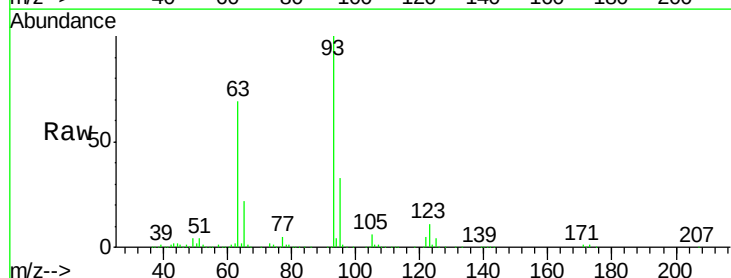


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

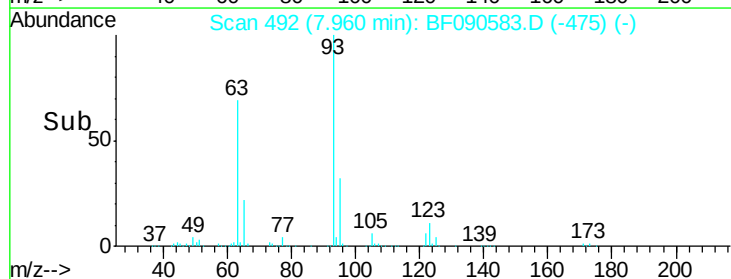
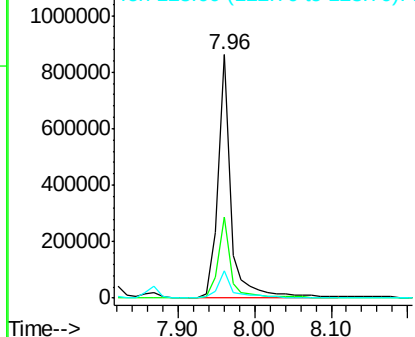


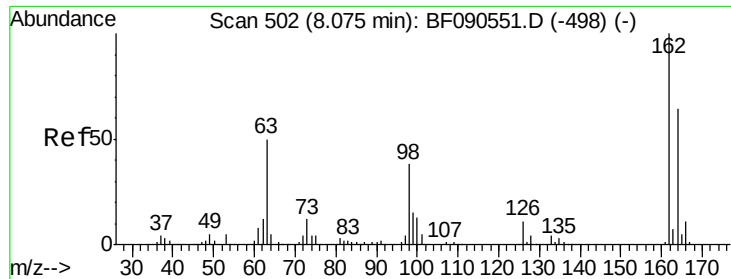
#28
 bis(2-Chloroethoxy)methane
 Concen: 58.25 ng
 RT: 7.96 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion: 93 Resp: 1005939
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.2
 123 11.2 8.6 13.0



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

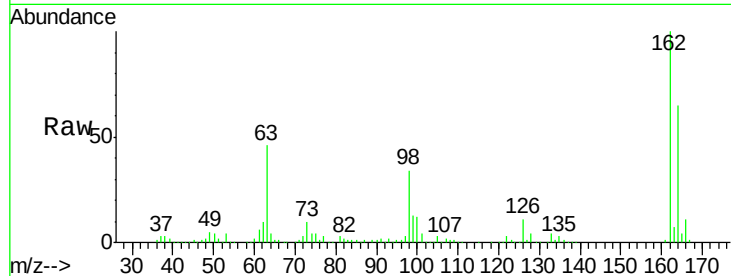




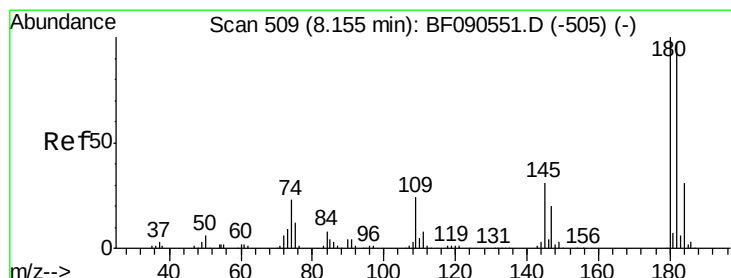
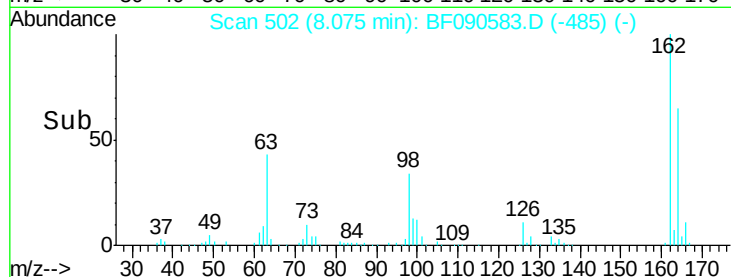
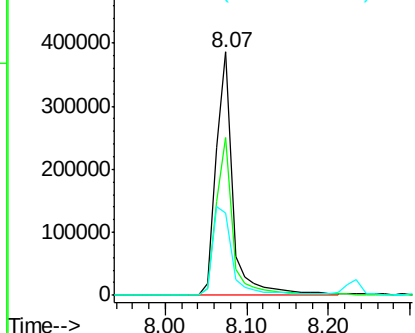
#29
 2,4-Dichlorophenol
 Concen: 50.86 ng
 RT: 8.07 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.0	84.0
98	34.1	18.0	58.0

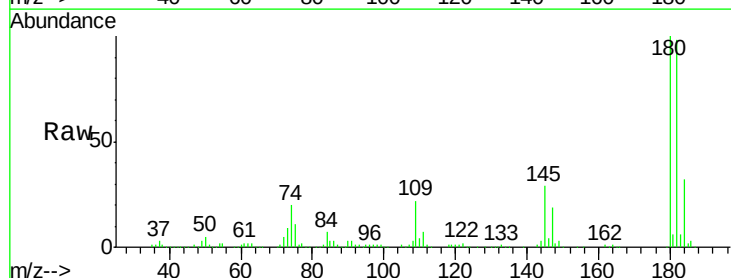


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

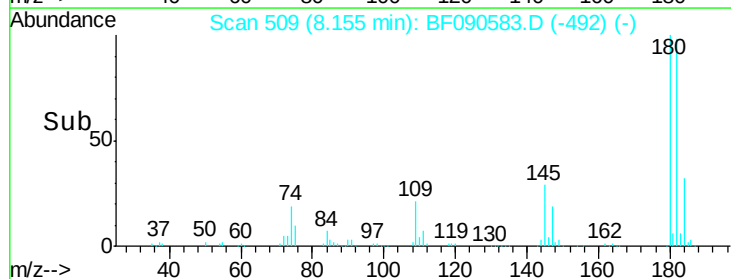
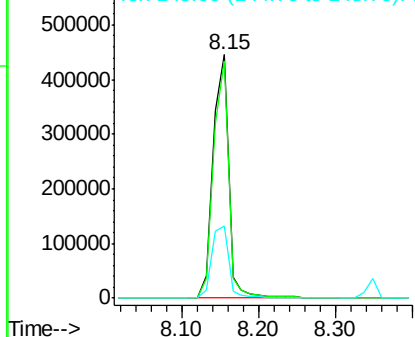


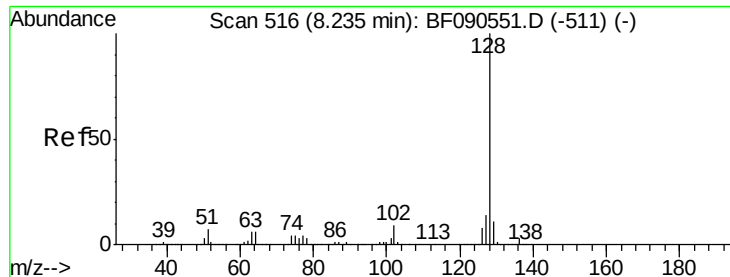
#30
 1,2,4-Trichlorobenzene
 Concen: 49.50 ng
 RT: 8.15 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.2	115.8
145	29.4	24.4	36.6



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

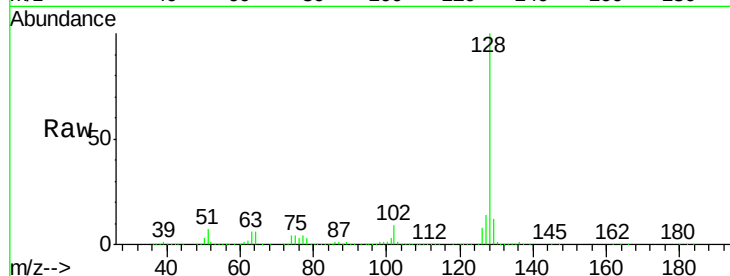




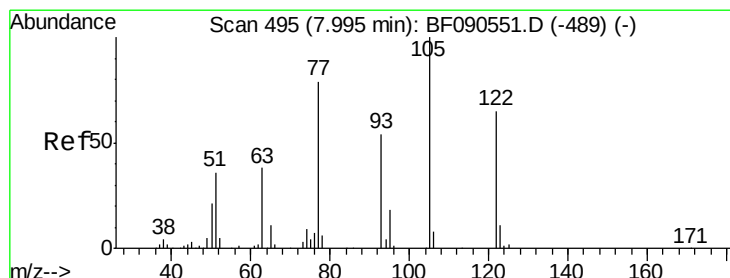
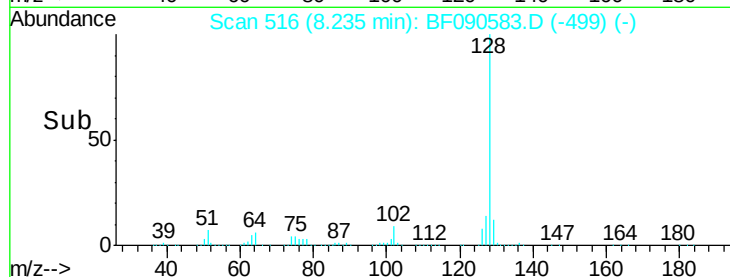
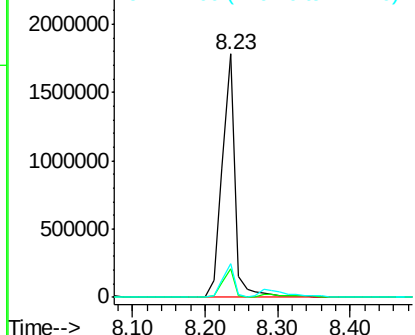
#31
Naphthalene
Concen: 48.55 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tgt Ion:128 Resp: 2207560
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 10.8 16.2

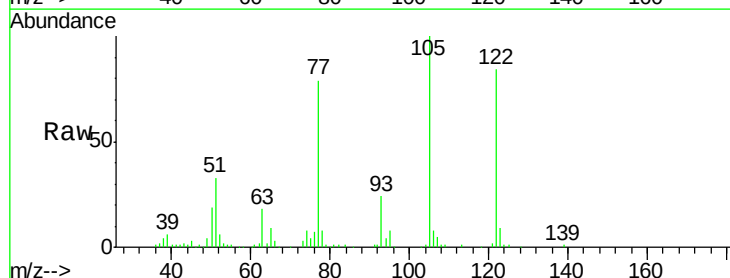


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

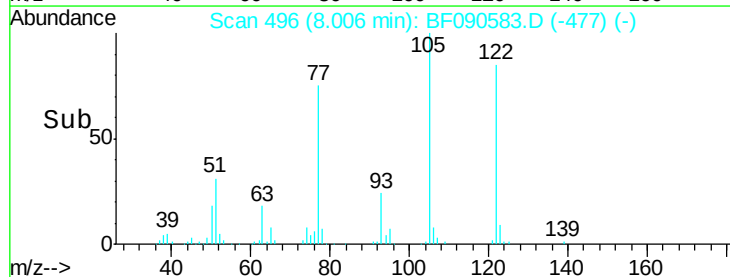
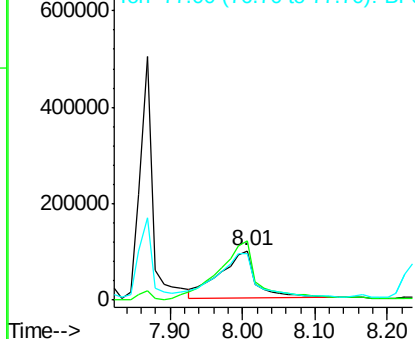


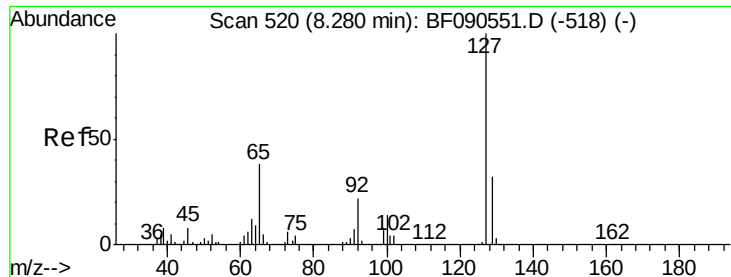
#32
Benzoic acid
Concen: 43.69 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:122 Resp: 333172
Ion Ratio Lower Upper
122 100
105 118.9 101.1 141.1
77 93.8 84.7 124.7



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

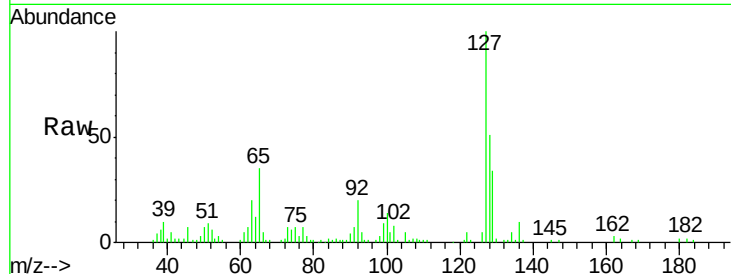




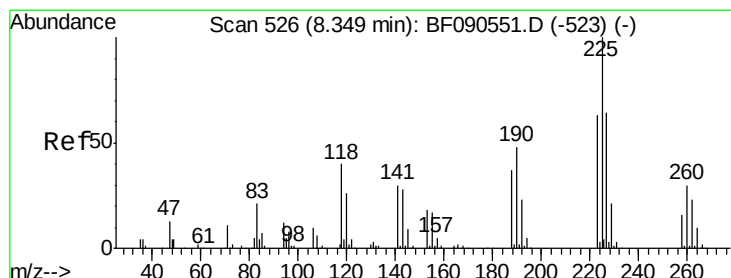
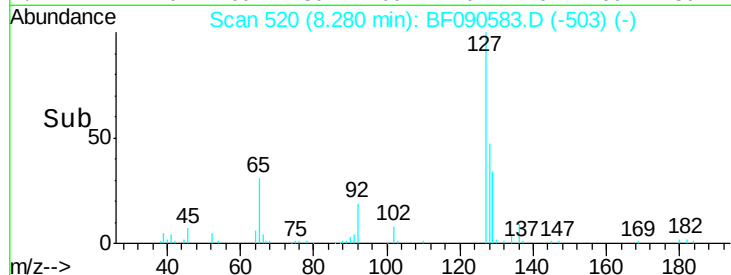
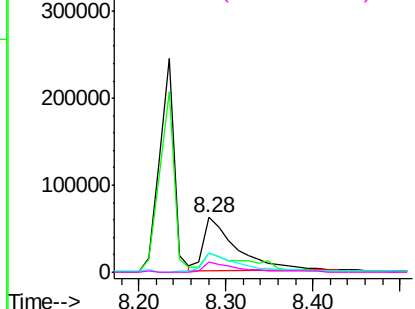
#33
4-Chloroaniline
Concen: 9.46 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tgt Ion:	127	Resp:	164484
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.2
65	35.3	30.1	45.1
92	19.7	17.2	25.8

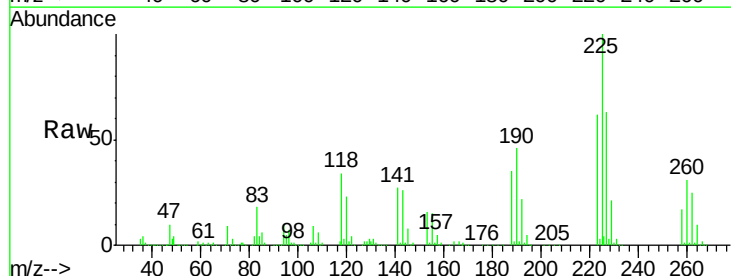


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

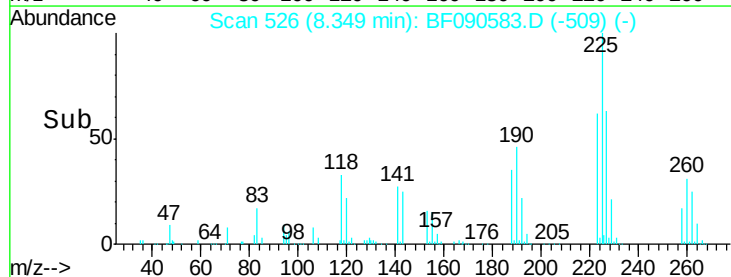
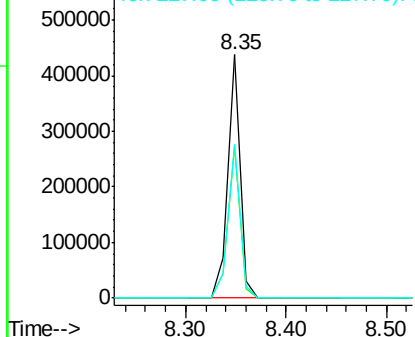


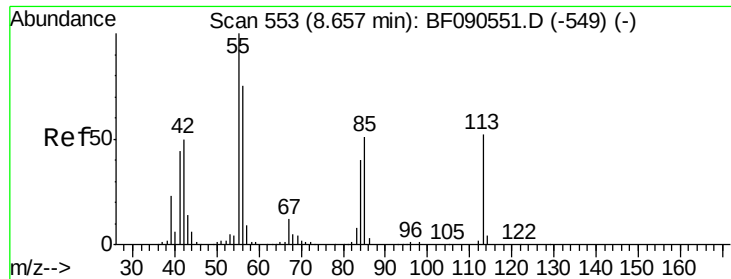
#34
Hexachlorobutadiene
Concen: 52.50 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:	225	Resp:	373606
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.5	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

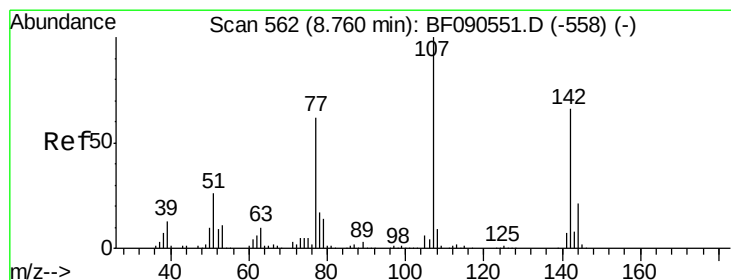
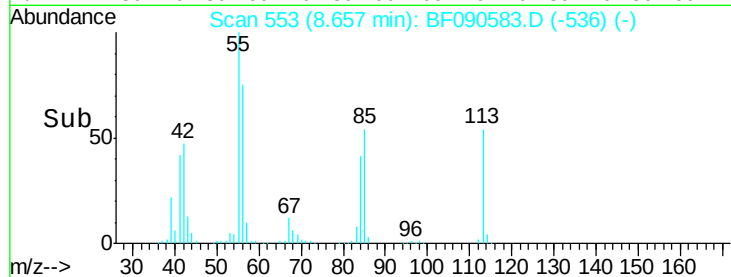
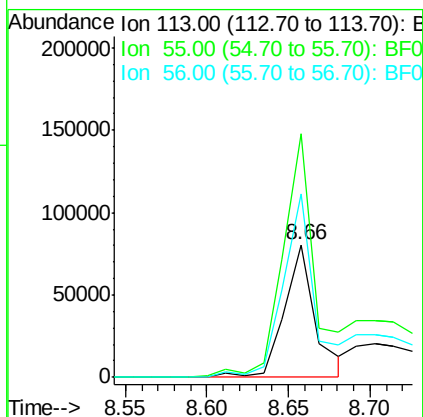
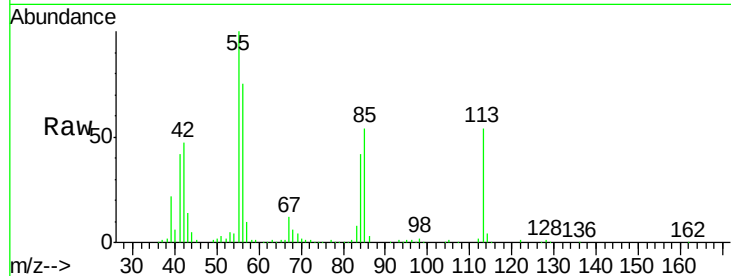




#35
 Caprolactam
 Concen: 35.04 ng
 RT: 8.66 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

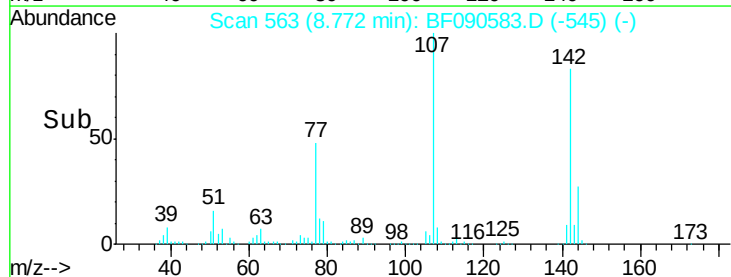
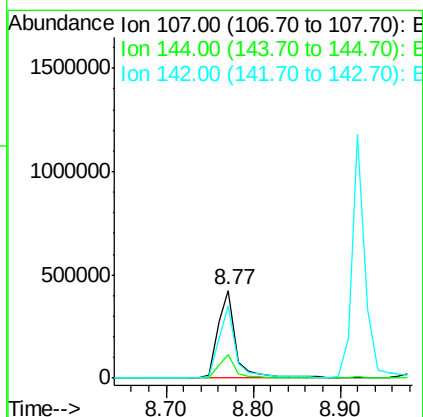
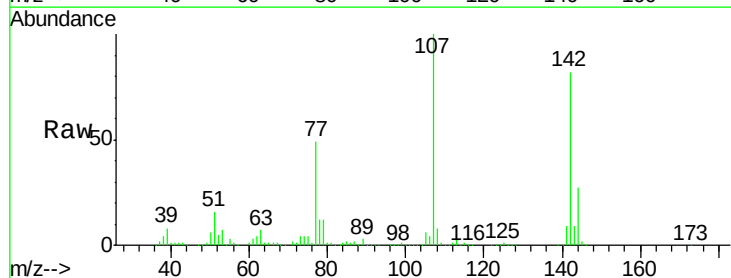
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

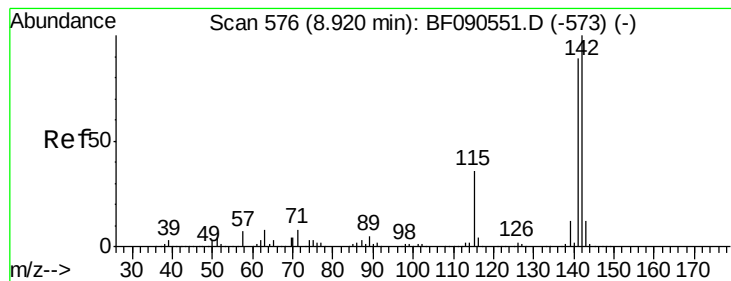
Tgt Ion:113 Resp: 106347
 Ion Ratio Lower Upper
 113 100
 55 183.8 170.8 210.8
 56 138.6 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.59 ng
 RT: 8.77 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:107 Resp: 622202
 Ion Ratio Lower Upper
 107 100
 144 26.7 16.9 25.3#
 142 82.5 52.5 78.7#





#37

2-Methylnaphthalene

Concen: 46.06 ng

RT: 8.92 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

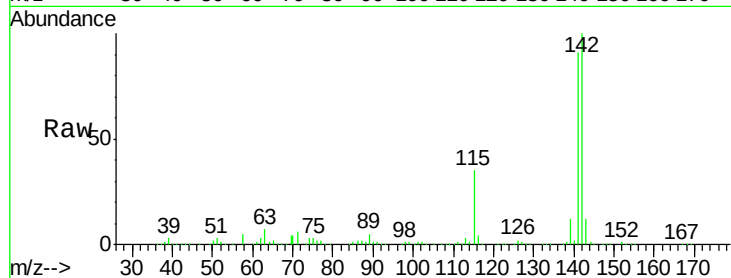
Tgt Ion:142 Resp: 1230118

Ion Ratio Lower Upper

142 100

141 90.8 71.3 106.9

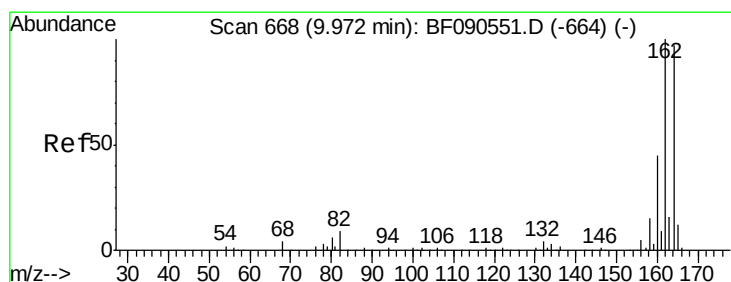
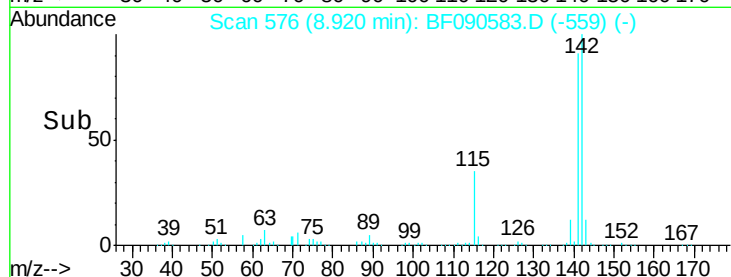
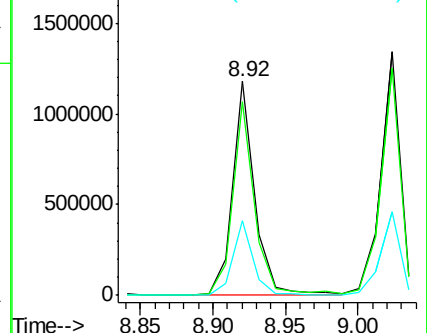
115 35.0 28.8 43.2



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: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

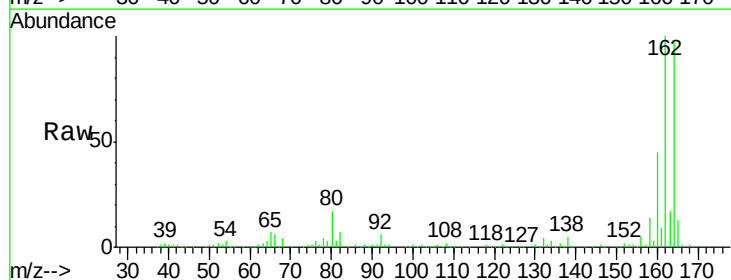
Tgt Ion:164 Resp: 413085

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

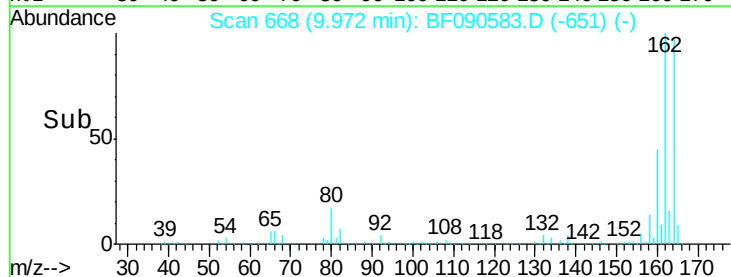
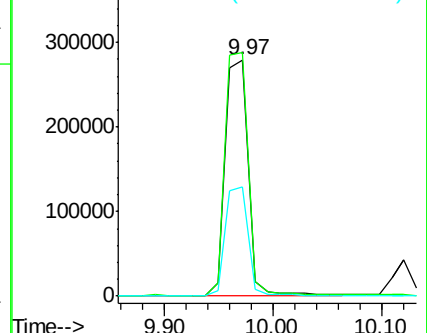
160 46.0 36.6 55.0

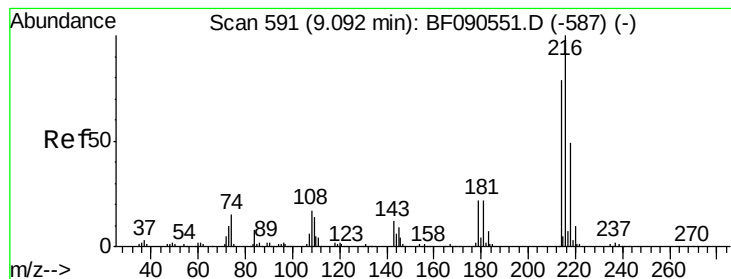


Abundance Ion 164.00 (163.70 to 164.70): E

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: 58.55 ng

RT: 9.09 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampled :

PB94073BS

Tgt Ion:216 Resp: 641305

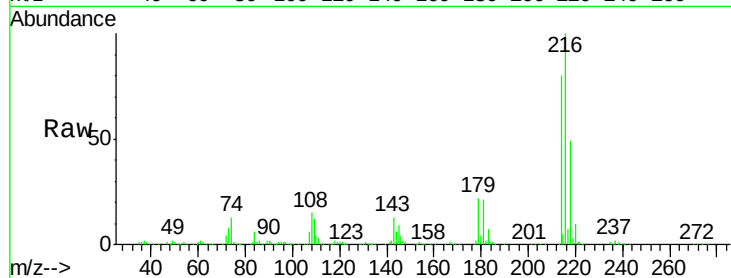
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 22.6 18.9 28.3

108 18.7 17.8 26.6

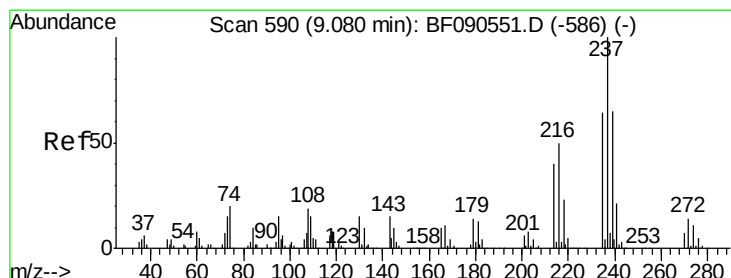
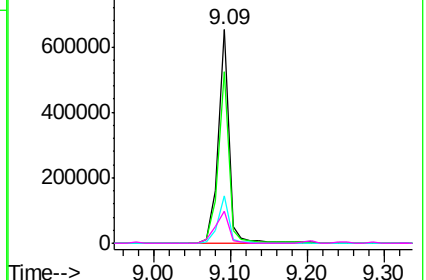
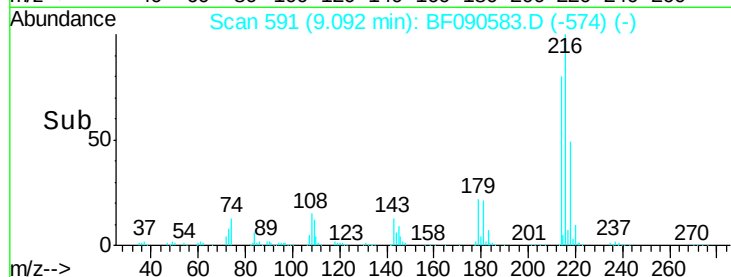


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 90.47 ng

RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

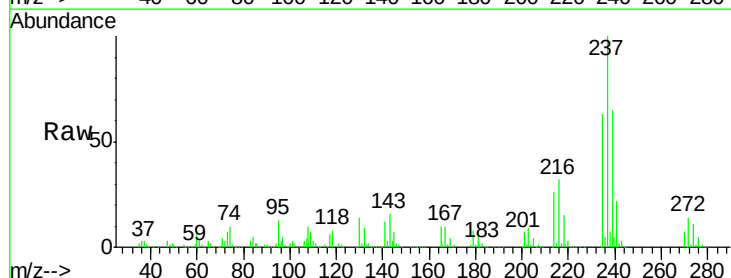
Tgt Ion:237 Resp: 484057

Ion Ratio Lower Upper

237 100

235 63.2 43.8 83.8

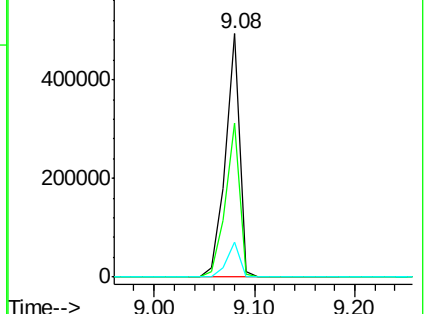
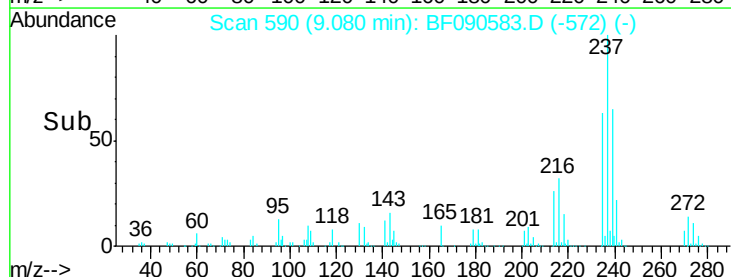
272 14.2 0.0 33.7

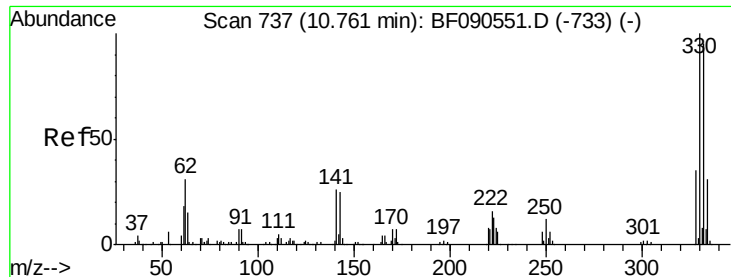


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

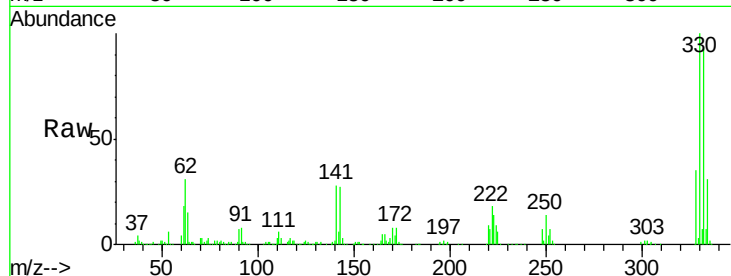




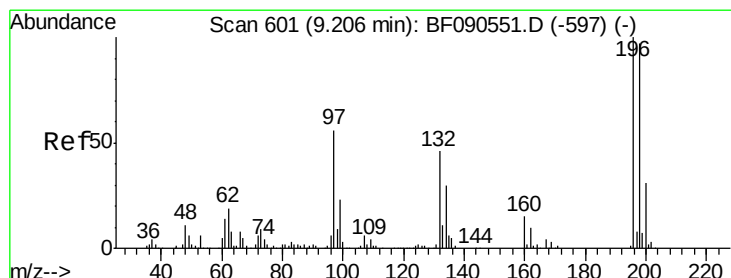
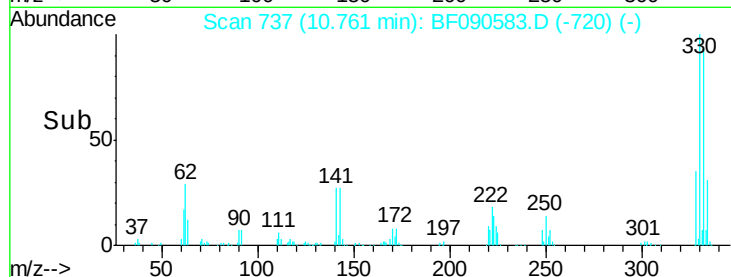
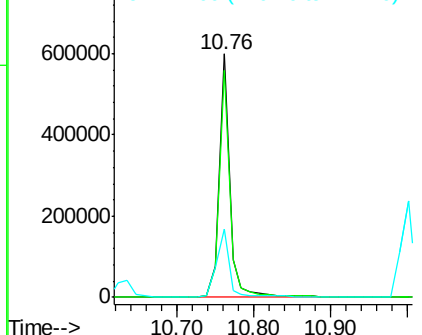
#41
 2,4,6-Tribromophenol
 Concen: 158.77 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion:330 Resp: 584728
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.2
 141 32.0 31.4 47.2

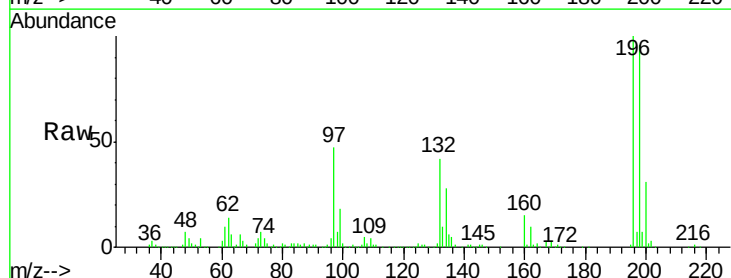


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

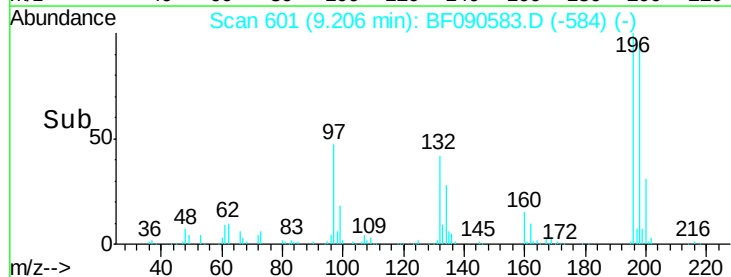
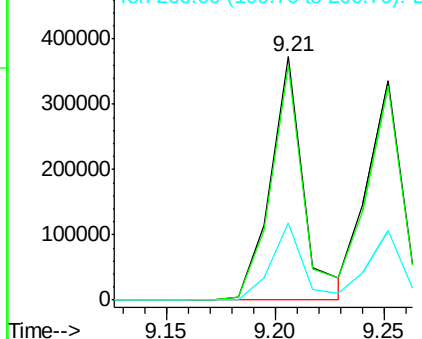


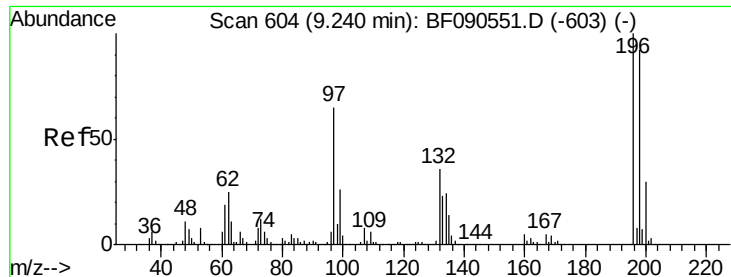
#42
 2,4,6-Trichlorophenol
 Concen: 64.13 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:196 Resp: 396177
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.9 116.9
 200 31.5 25.1 37.7



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

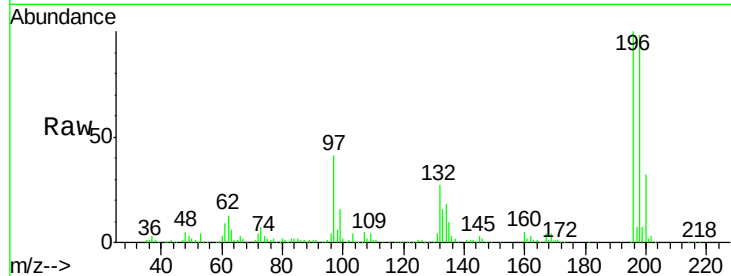




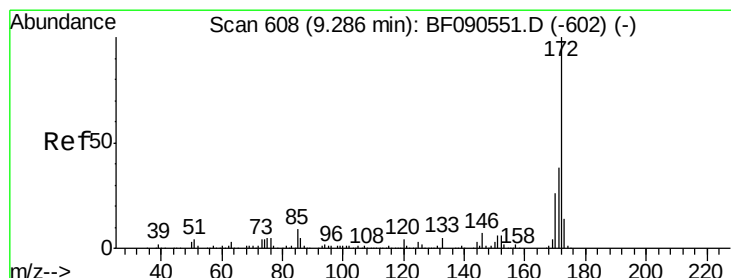
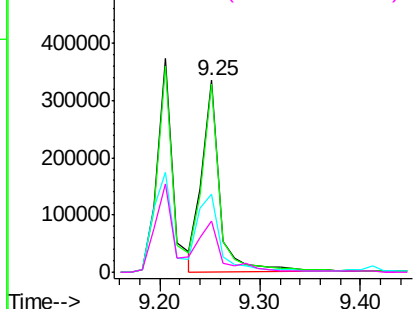
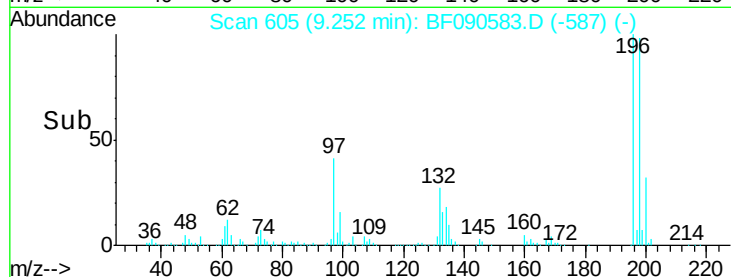
#43
 2,4,5-Trichlorophenol
 Concen: 55.34 ng
 RT: 9.25 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion:196 Resp: 407861
 Ion Ratio Lower Upper
 196 100
 198 98.1 74.0 111.0
 97 40.8 54.7 82.1#
 132 26.7 30.5 45.7#

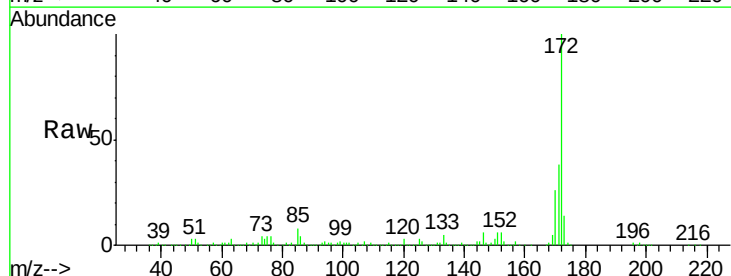


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

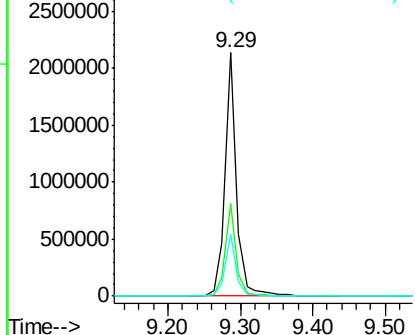
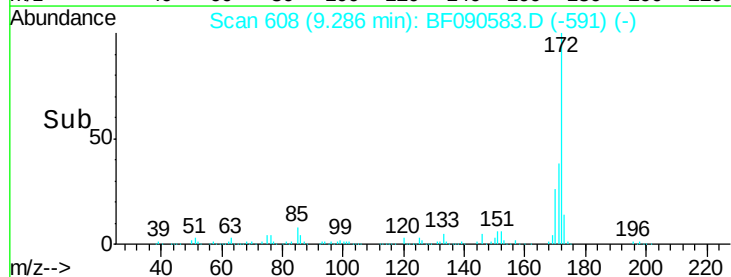


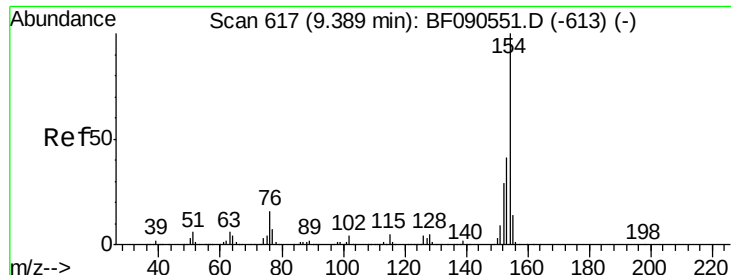
#44
 2-Fluorobiphenyl
 Concen: 94.45 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:172 Resp: 2367858
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.1 45.1
 170 25.6 20.6 30.8



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

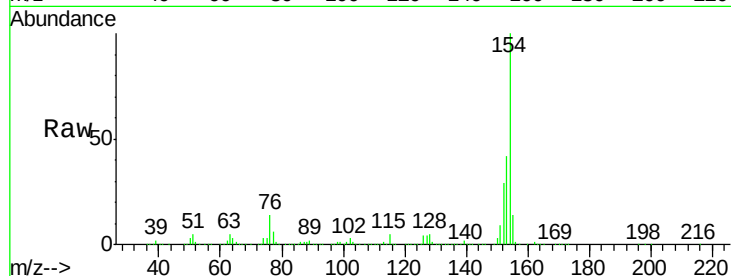




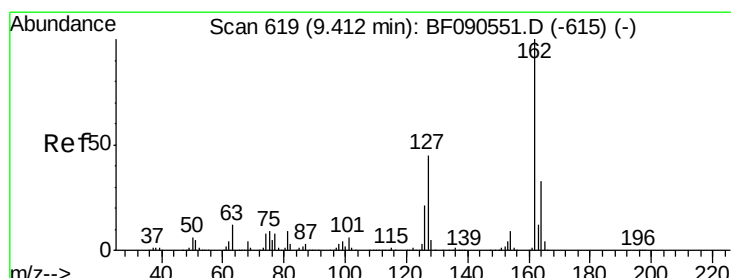
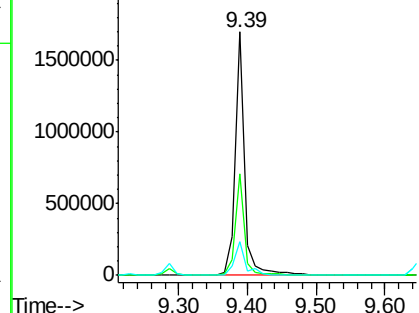
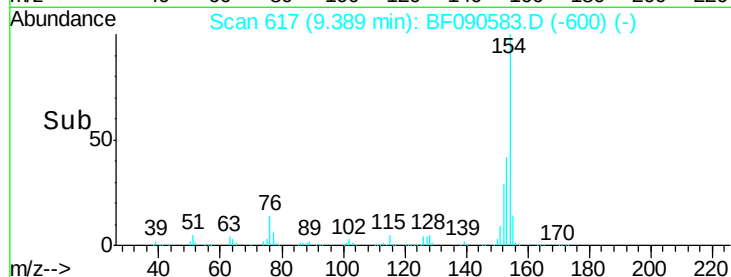
#45
 1,1'-Biphenyl
 Concen: 52.76 ng
 RT: 9.39 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion:154 Resp: 1658525
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.5 61.5
 76 13.8 0.0 36.0

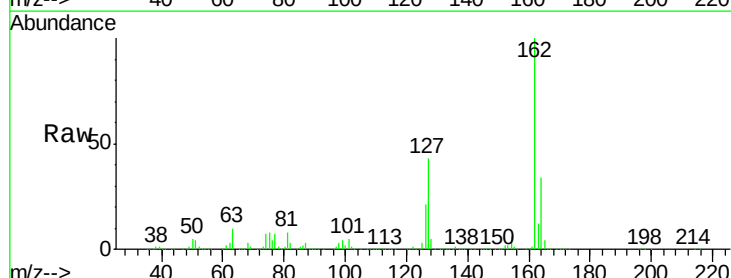


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

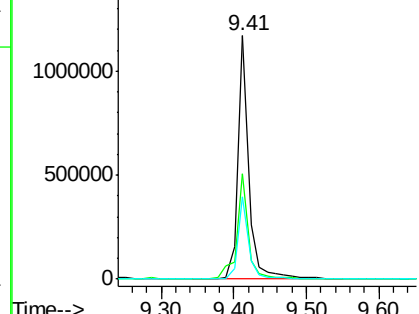
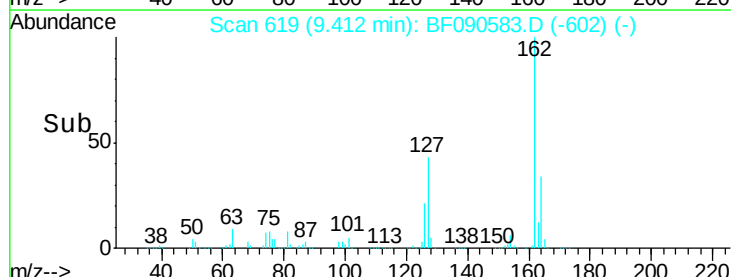


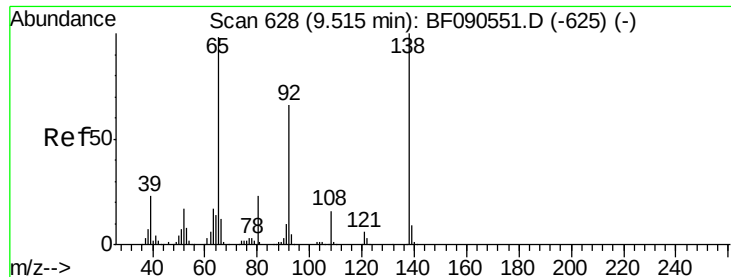
#46
 2-Chloronaphthalene
 Concen: 52.25 ng
 RT: 9.41 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:162 Resp: 1224731
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.9 53.9
 164 34.0 26.7 40.1



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

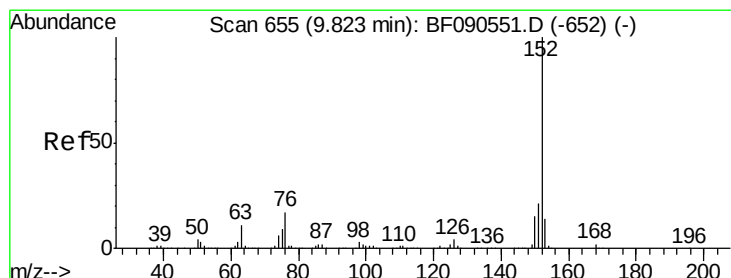
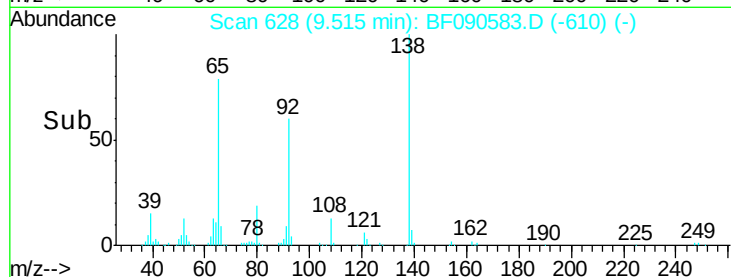
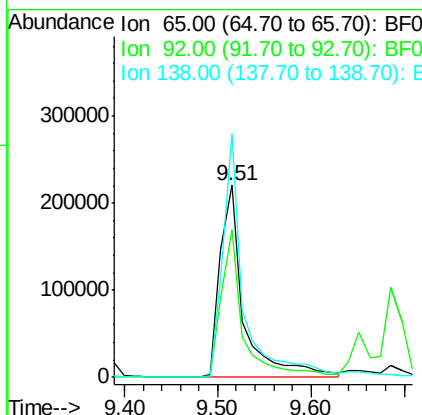
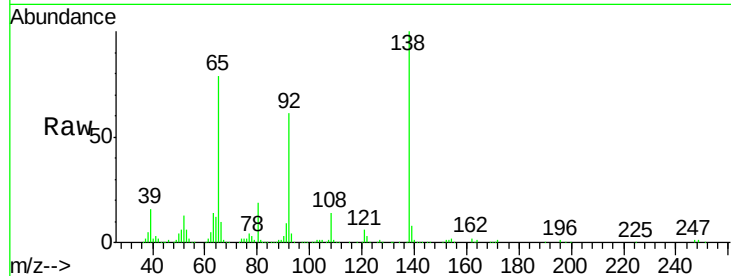




#47
 2-Nitroaniline
 Concen: 45.46 ng
 RT: 9.51 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

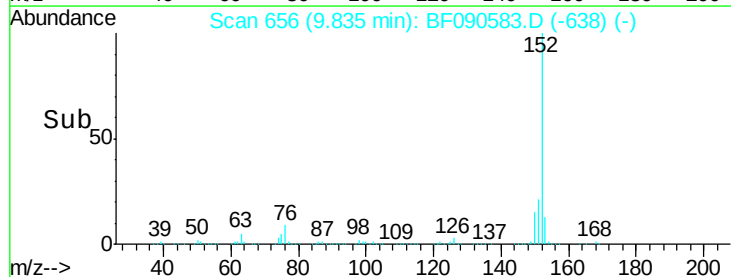
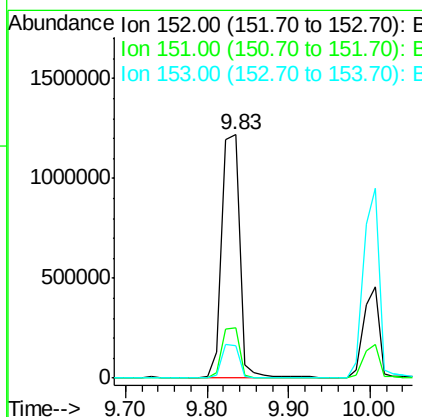
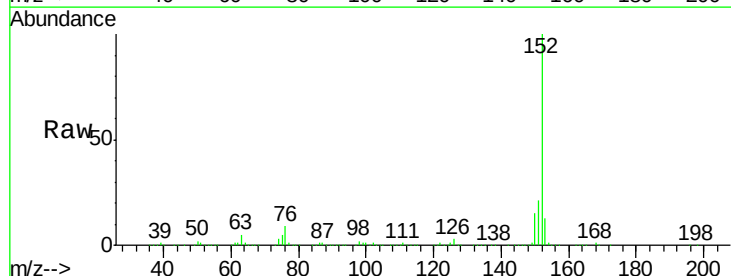
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

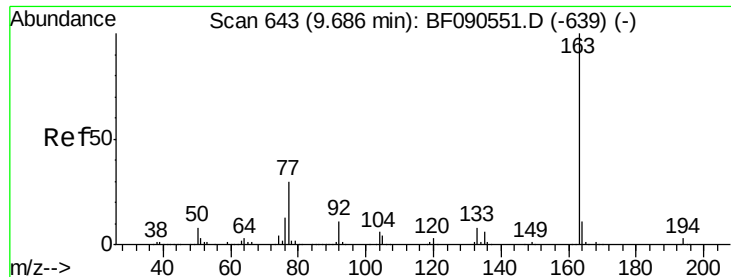
Tgt Ion: 65 Resp: 386313
 Ion Ratio Lower Upper
 65 100
 92 76.9 54.3 81.5
 138 126.9 81.7 122.5#



#48
 Acenaphthylene
 Concen: 49.54 ng
 RT: 9.83 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion: 152 Resp: 1848937
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 25.0
 153 13.2 11.3 16.9





#49

Dimethylphthalate

Concen: 53.87 ng

RT: 9.70 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

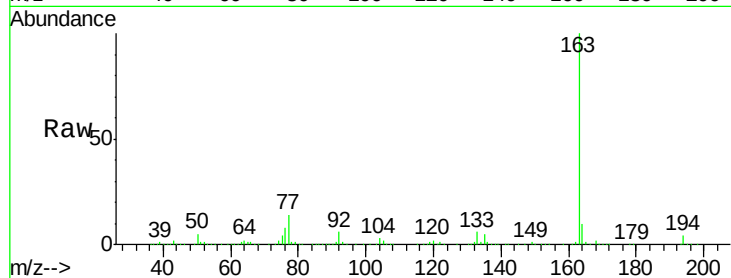
Tgt Ion:163 Resp: 1443873

Ion Ratio Lower Upper

163 100

194 4.0 2.3 3.5#

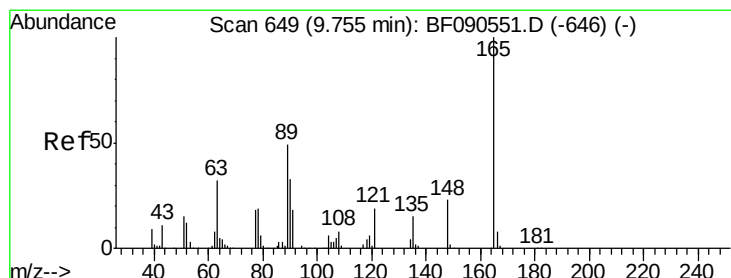
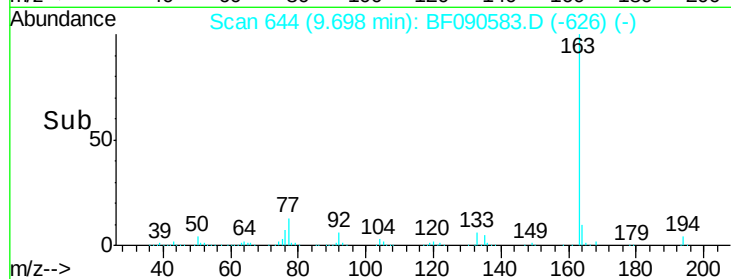
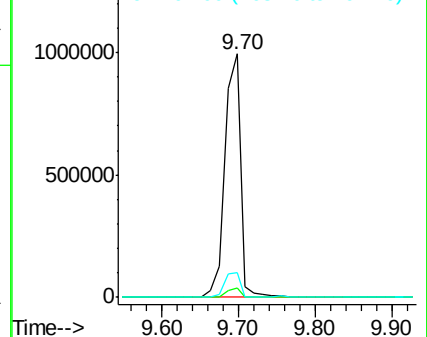
164 10.0 8.6 13.0



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: 57.83 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

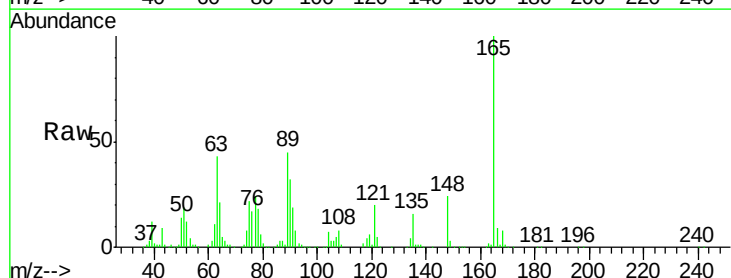
Tgt Ion:165 Resp: 339166

Ion Ratio Lower Upper

165 100

63 43.2 40.1 60.1

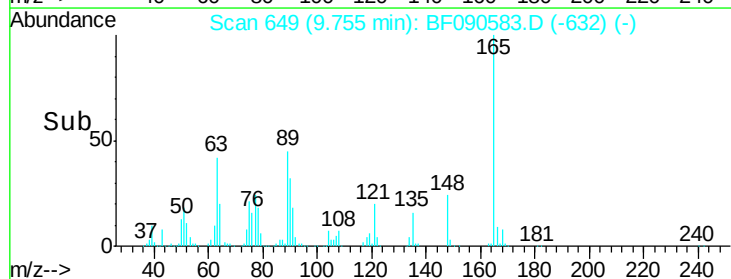
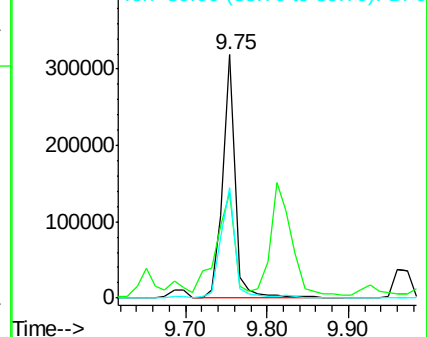
89 45.4 39.5 59.3

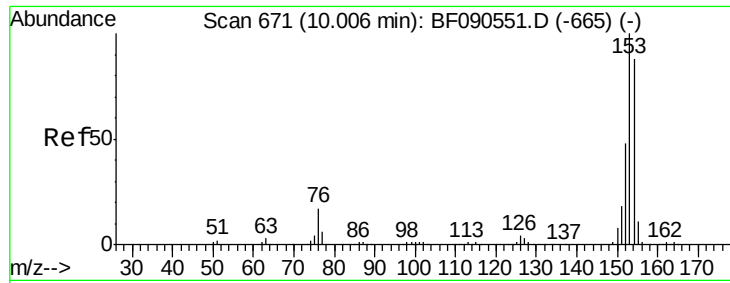


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.08 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

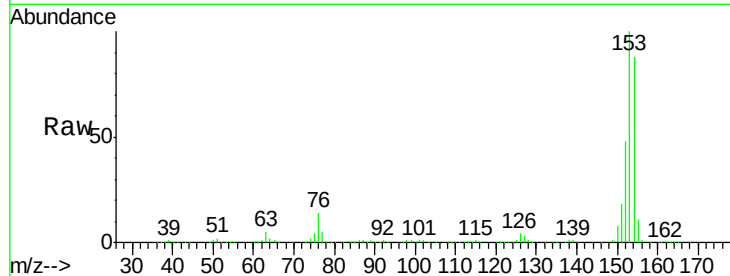
Tgt Ion:154 Resp: 1267195

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

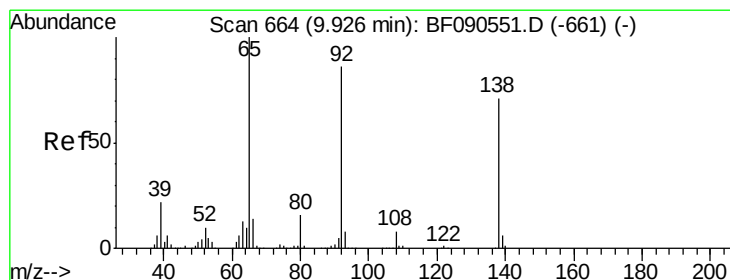
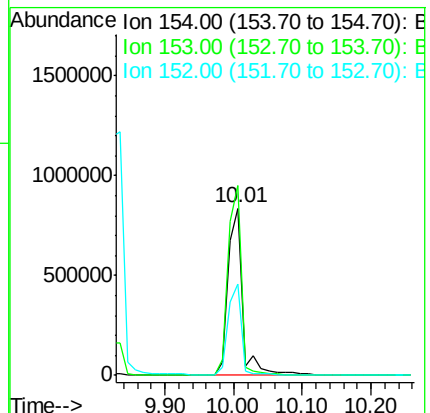
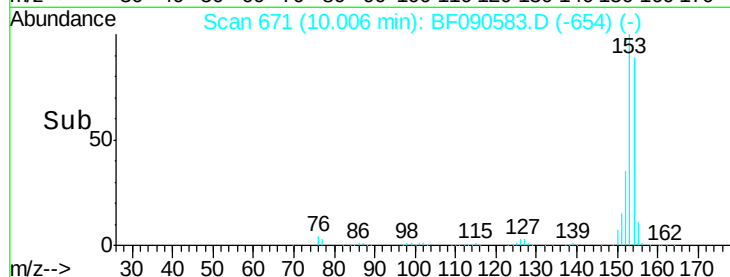
152 54.9 44.0 66.0



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: 22.16 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

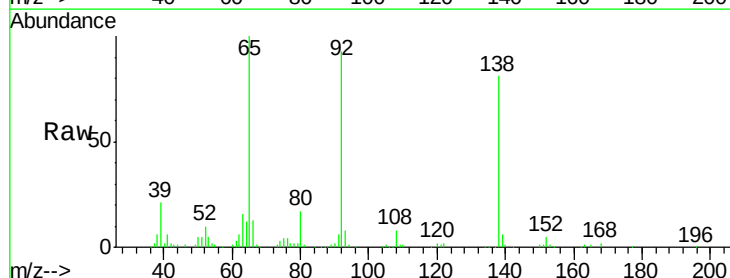
Tgt Ion:138 Resp: 163105

Ion Ratio Lower Upper

138 100

108 10.2 8.6 12.8

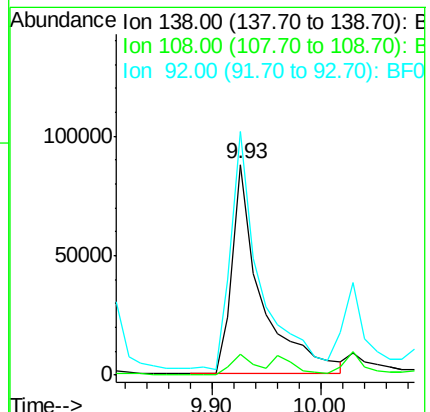
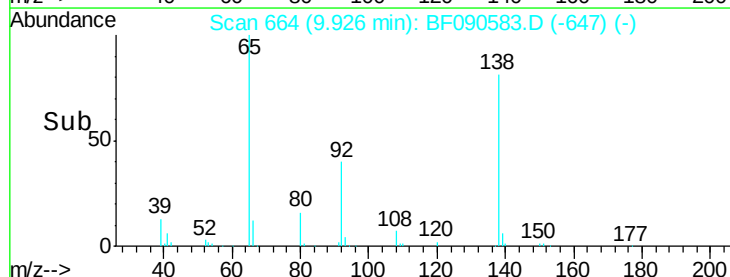
92 115.4 97.8 146.8

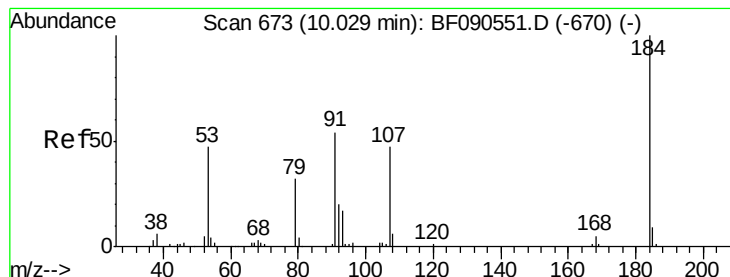


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 67.61 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampled :

PB94073BS

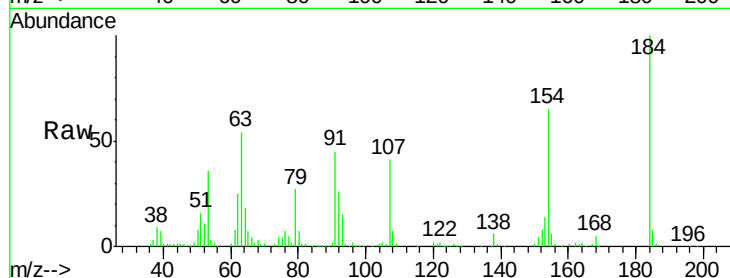
Tgt Ion:184 Resp: 212253

Ion Ratio Lower Upper

184 100

63 53.9 60.2 90.2#

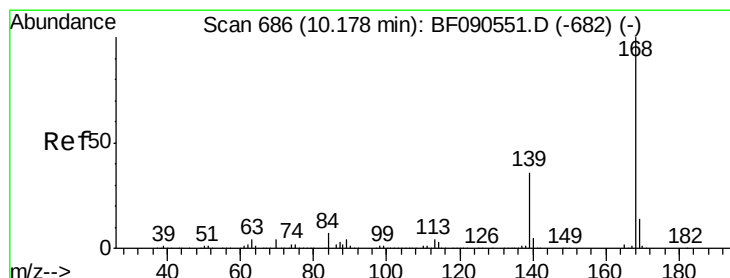
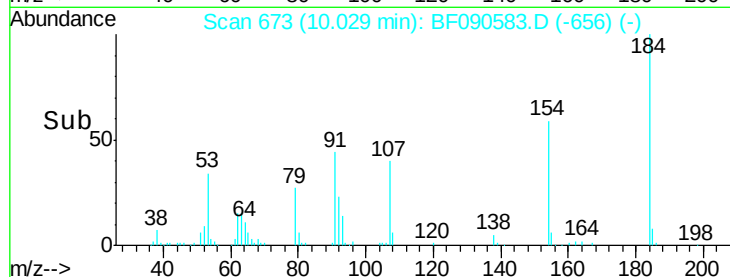
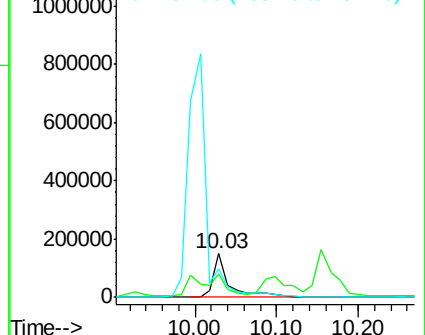
154 65.1 86.1 129.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 53.28 ng

RT: 10.18 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

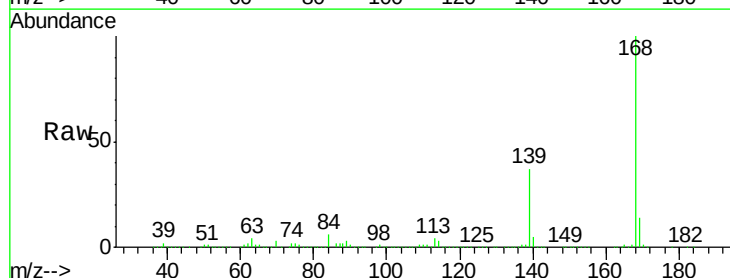
Tgt Ion:168 Resp: 1738598

Ion Ratio Lower Upper

168 100

139 37.1 30.5 45.7

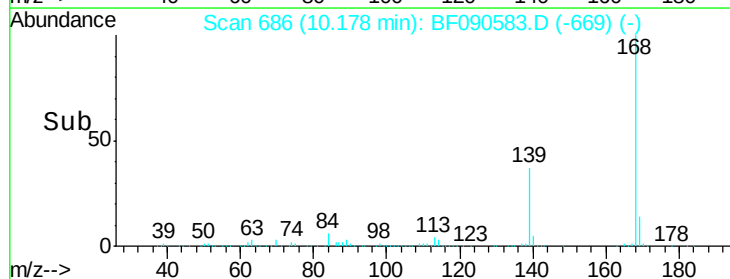
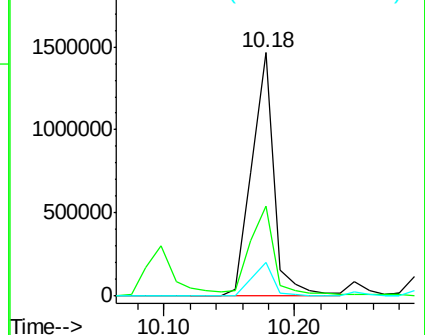
169 13.7 10.9 16.3

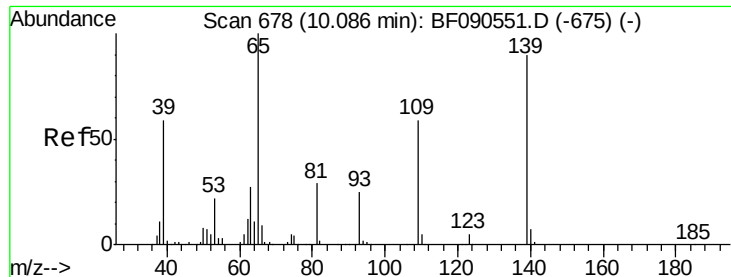


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

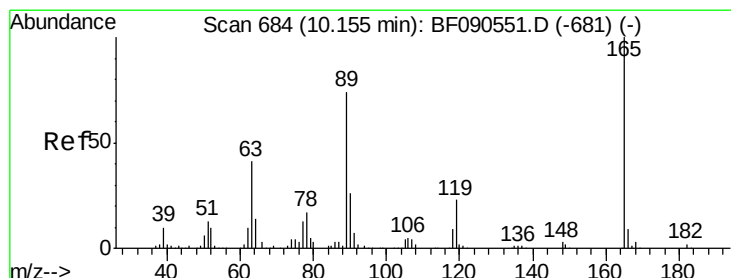
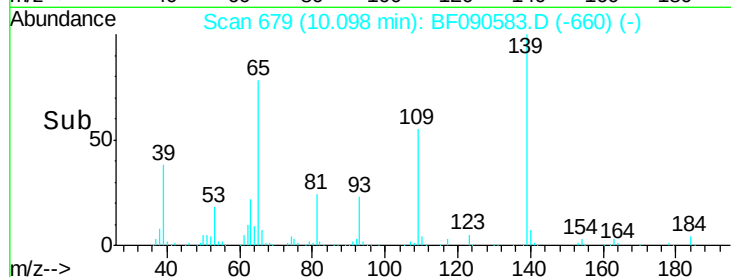
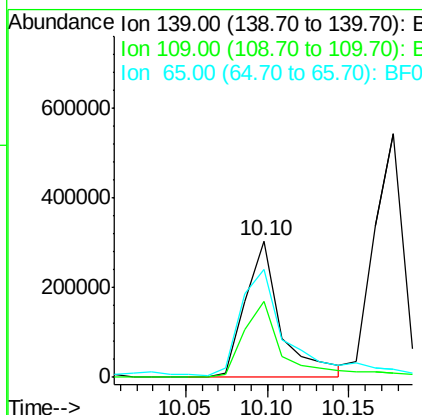
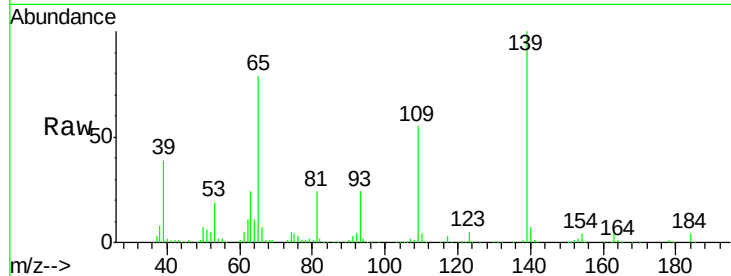




#55
4-Nitrophenol
Concen: 104.67 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

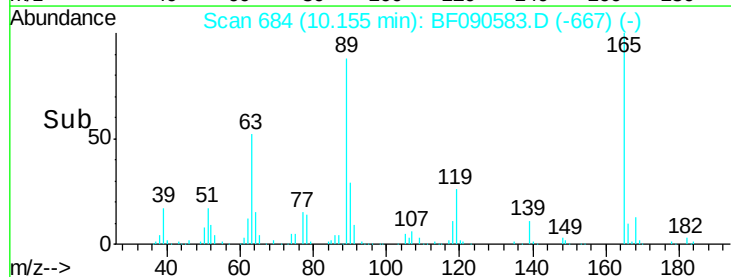
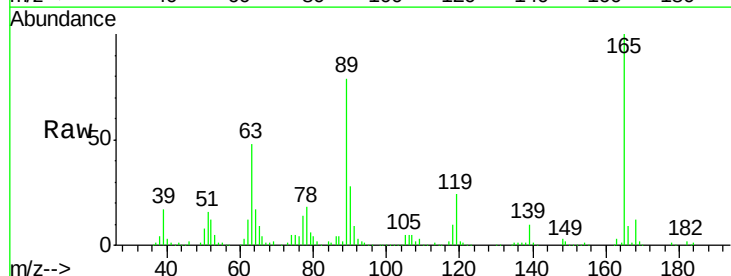
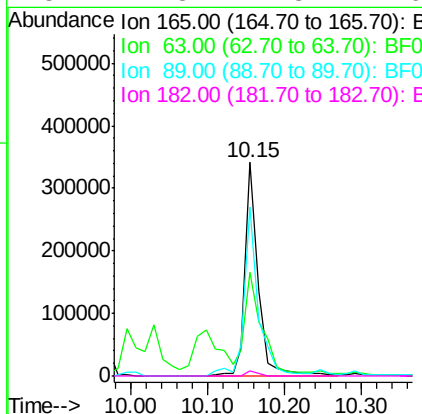
Instrument :
BNA_F
ClientSampleId :
PB94073BS

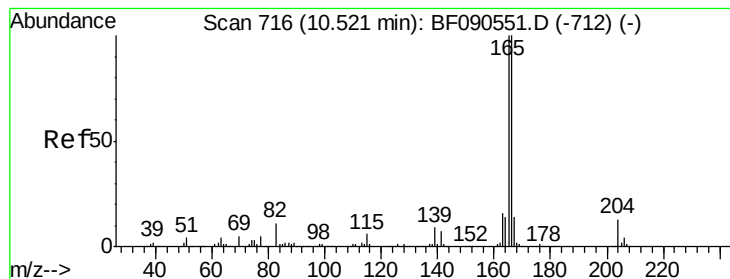
Tgt Ion:139 Resp: 463563
Ion Ratio Lower Upper
139 100
109 55.4 45.9 85.9
65 79.1 95.8 135.8#



#56
2,4-Dinitrotoluene
Concen: 50.90 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:165 Resp: 405423
Ion Ratio Lower Upper
165 100
63 48.4 35.4 53.0
89 78.9 59.0 88.4
182 2.3 1.8 2.6





#57

Fluorene

Concen: 51.40 ng

RT: 10.52 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampled :

PB94073BS

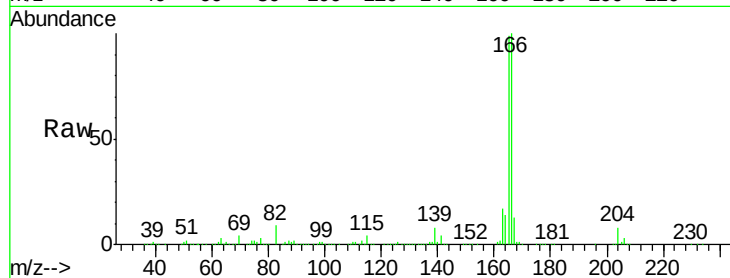
Tgt Ion:166 Resp: 1383637

Ion Ratio Lower Upper

166 100

165 99.5 79.9 119.9

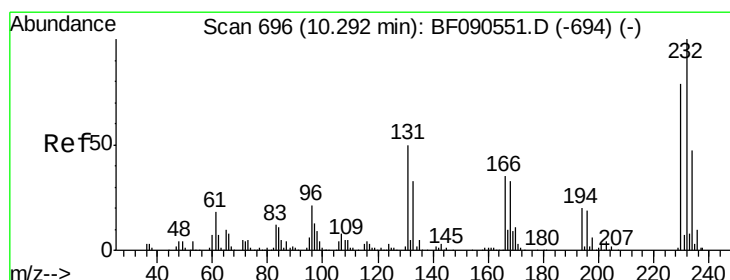
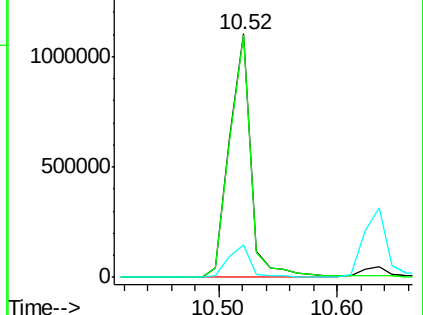
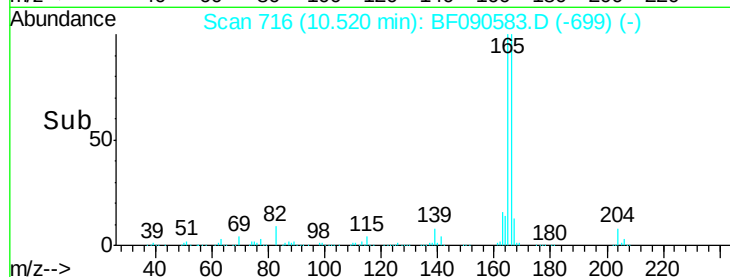
167 13.5 10.9 16.3



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: 57.30 ng

RT: 10.29 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion:232 Resp: 351750

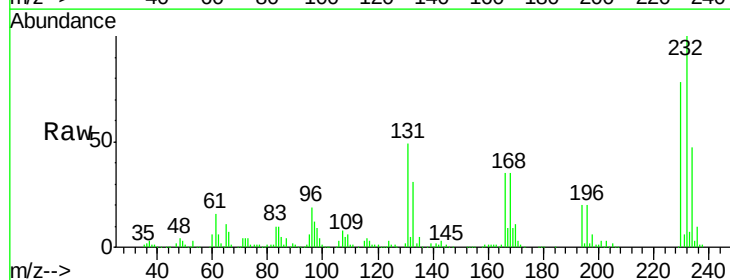
Ion Ratio Lower Upper

232 100

131 48.1 42.6 64.0

130 2.3 1.8 2.8

166 31.4 27.5 41.3

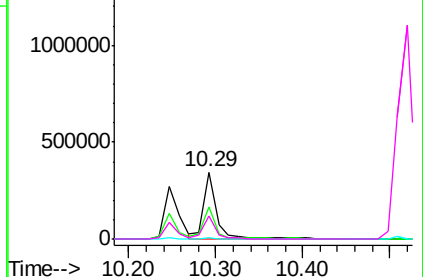
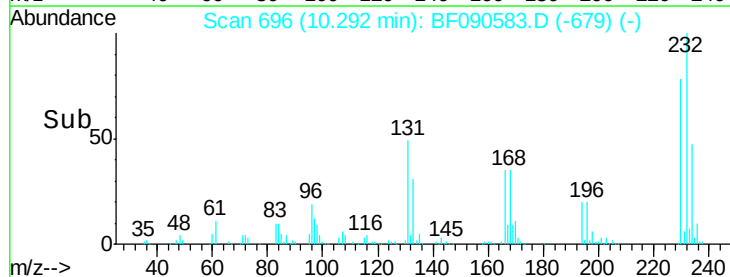


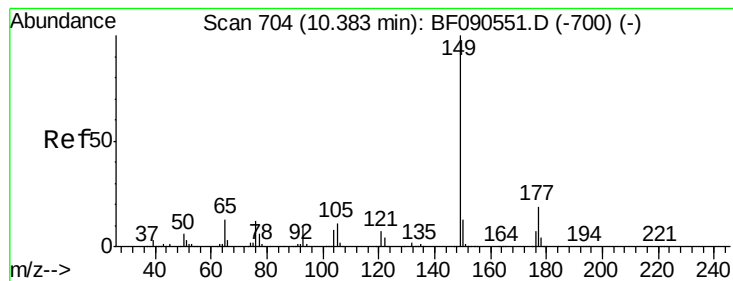
Abundance Ion 232.00 (231.70 to 232.70): E

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: 56.51 ng

RT: 10.39 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

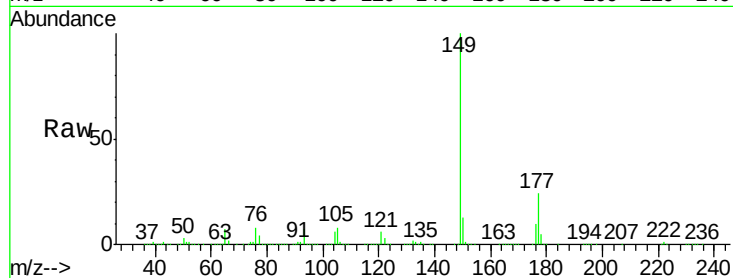
Tgt Ion:149 Resp: 1535988

Ion Ratio Lower Upper

149 100

177 23.7 15.3 22.9#

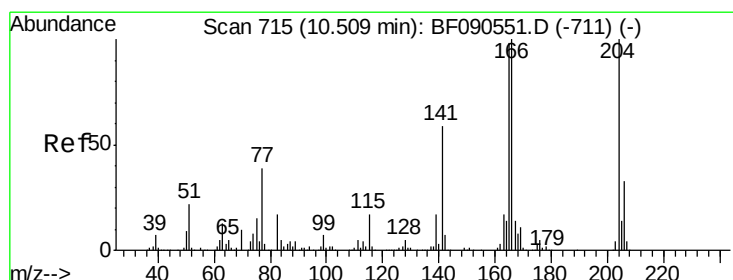
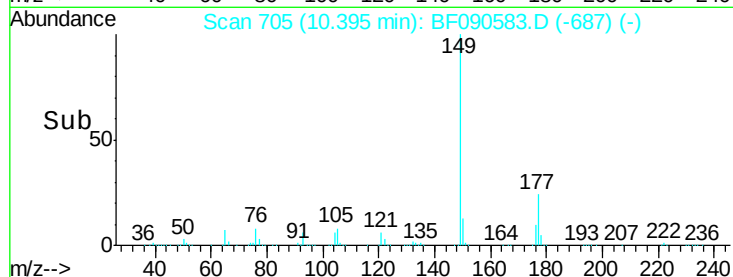
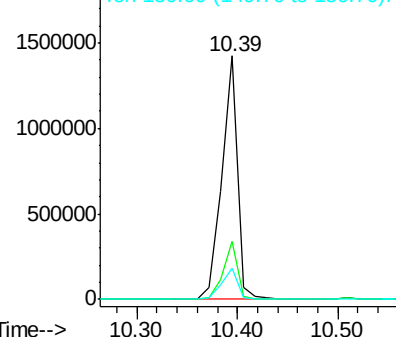
150 12.8 10.3 15.5



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: 56.55 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

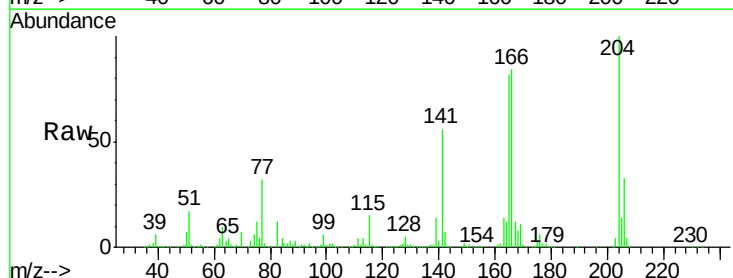
Tgt Ion:204 Resp: 717566

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

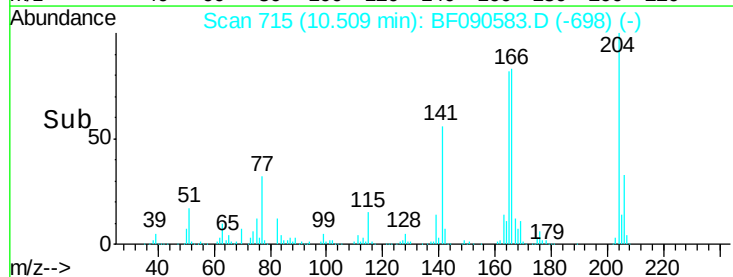
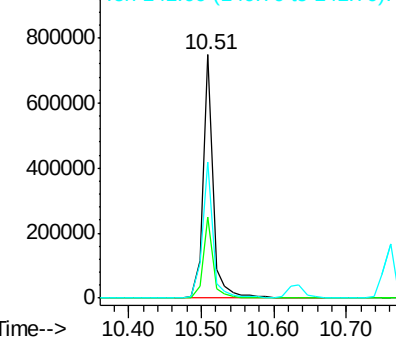
141 55.9 47.2 70.8

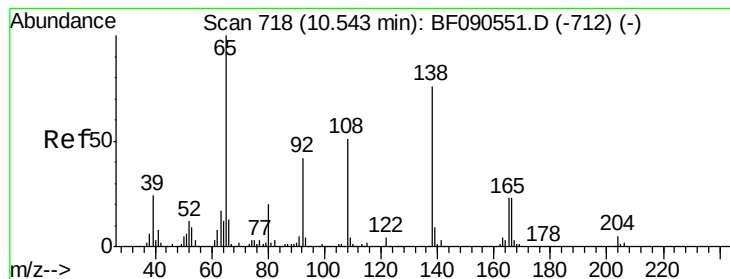


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.20 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

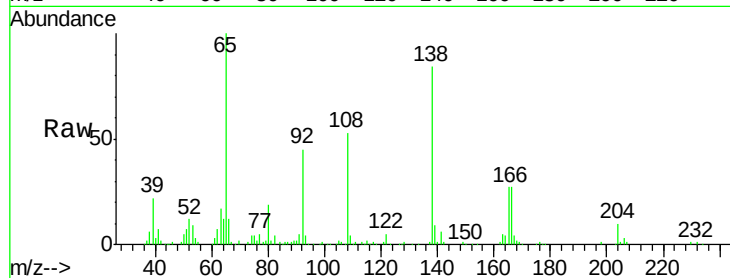
Tgt Ion:138 Resp: 304023

Ion Ratio Lower Upper

138 100

92 53.5 35.7 75.7

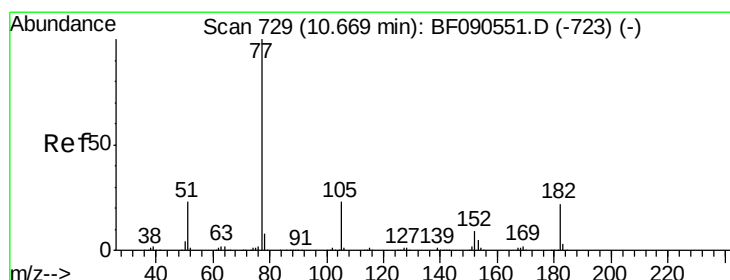
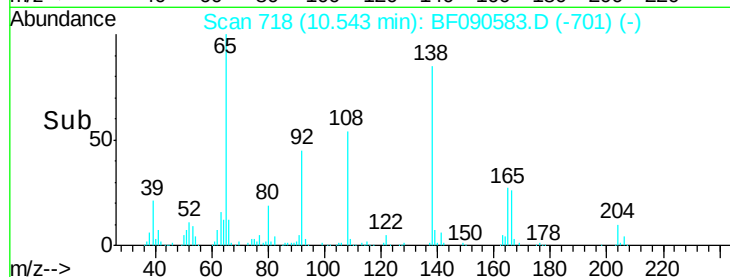
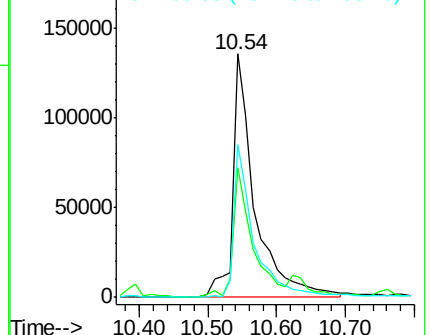
108 62.9 46.9 86.9



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: 50.26 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Tgt Ion: 77 Resp: 1580278

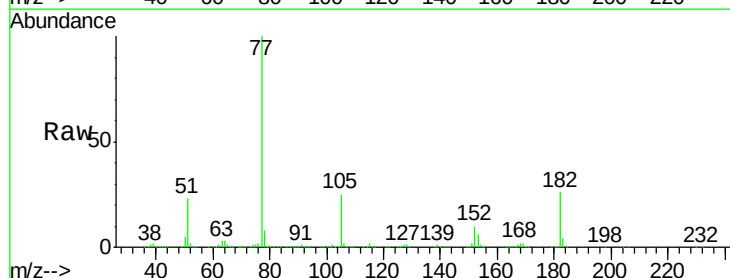
Ion Ratio Lower Upper

77 100

182 25.6 2.2 42.2

105 25.4 3.5 43.5

51 23.0 3.7 43.7

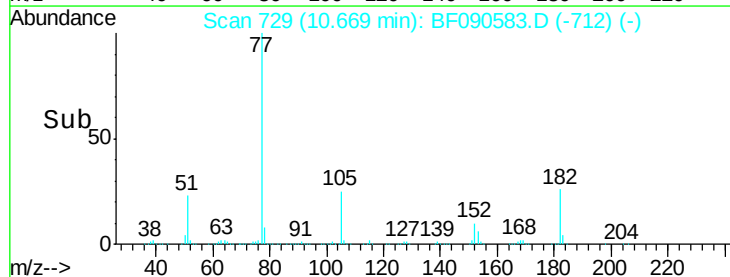
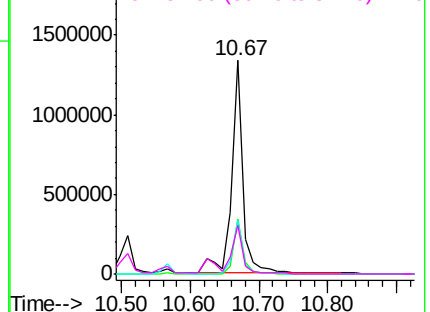


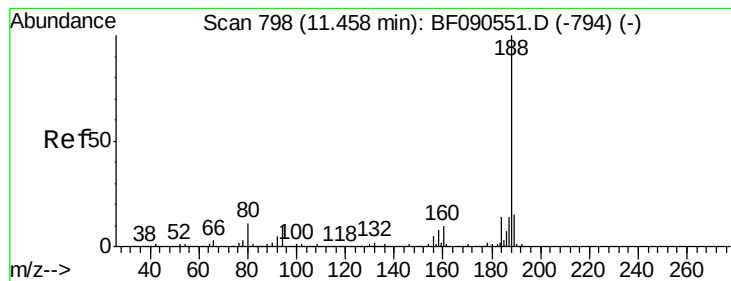
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

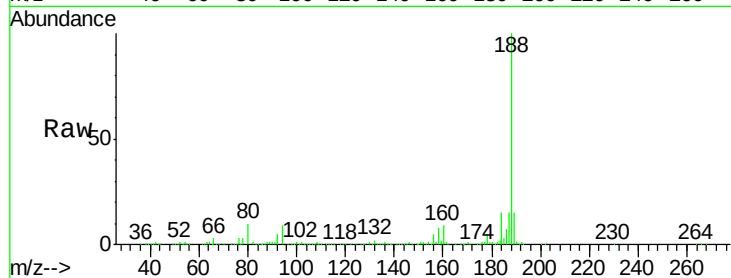
Tgt Ion:188 Resp: 666350

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

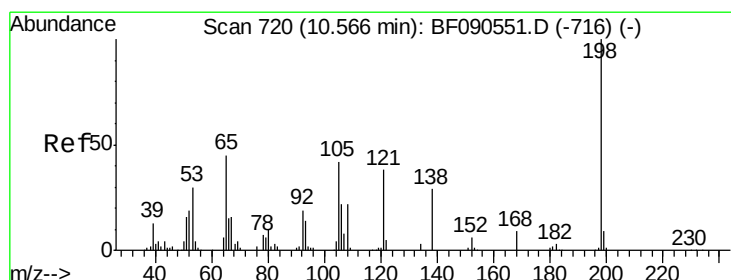
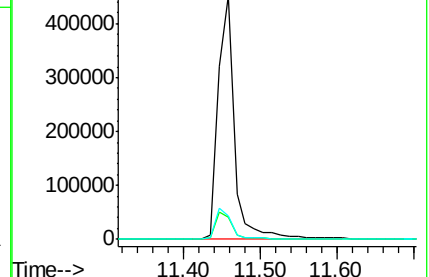
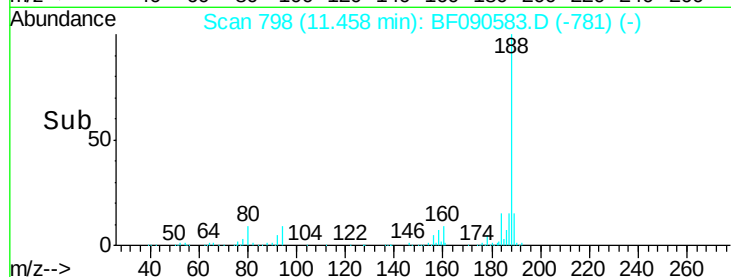
80 9.9 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.35 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

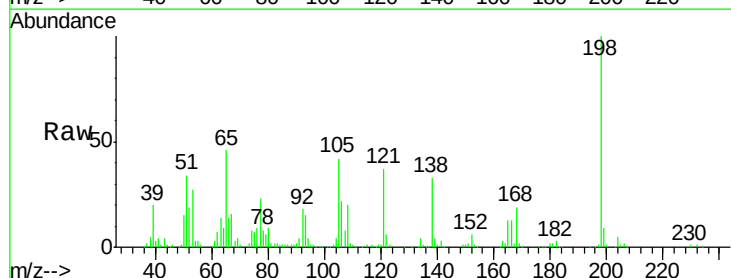
Tgt Ion:198 Resp: 162711

Ion Ratio Lower Upper

198 100

51 34.1 19.7 59.7

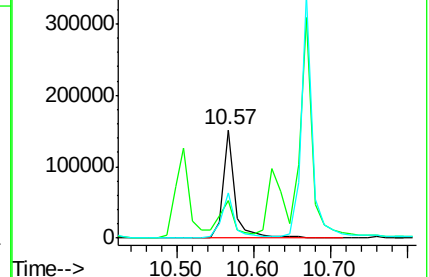
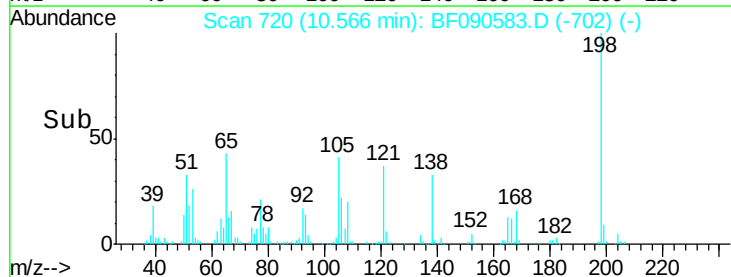
105 41.8 22.6 62.6

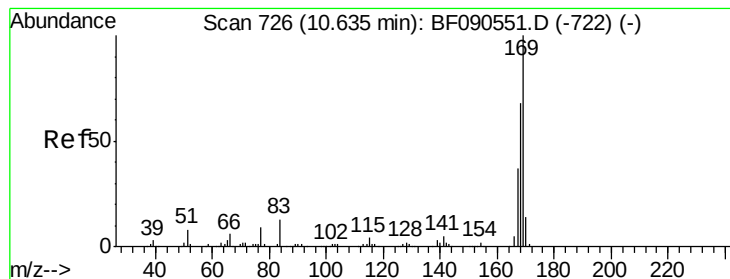


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.52 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

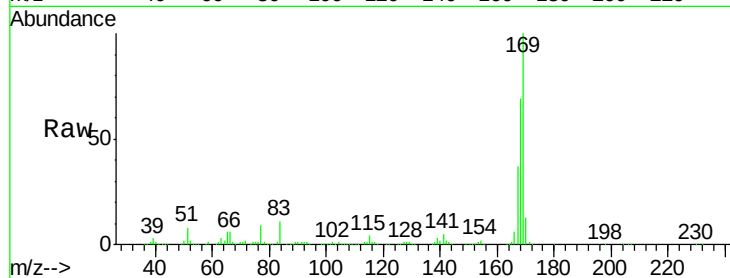
Tgt Ion:169 Resp: 1177911

Ion Ratio Lower Upper

169 100

168 69.0 54.6 81.8

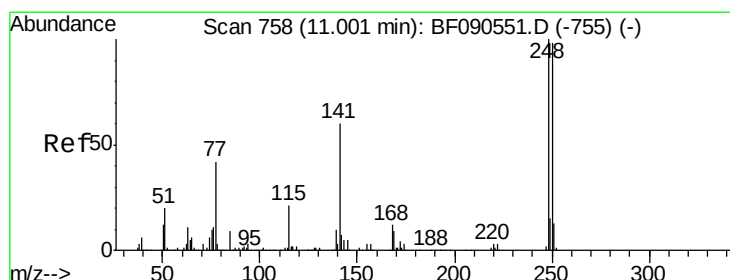
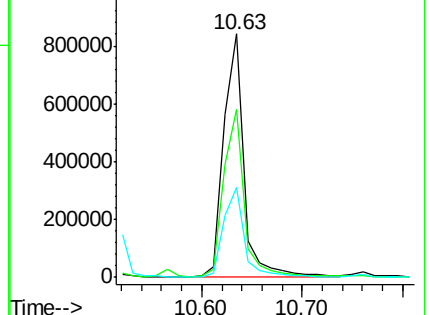
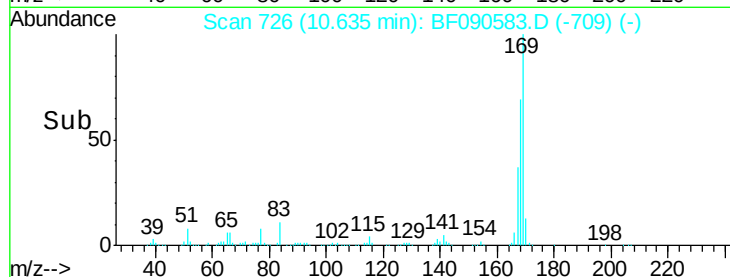
167 37.1 29.8 44.8



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: 58.63 ng

RT: 11.00 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

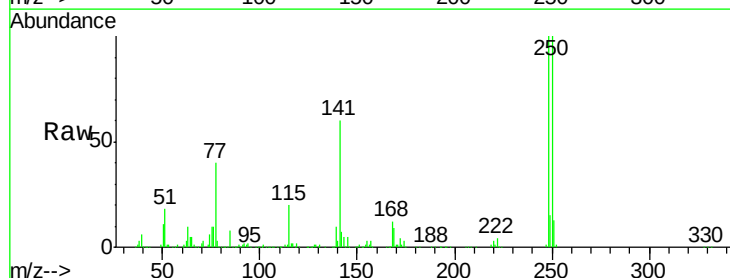
Tgt Ion:248 Resp: 419208

Ion Ratio Lower Upper

248 100

250 100.0 78.4 117.6

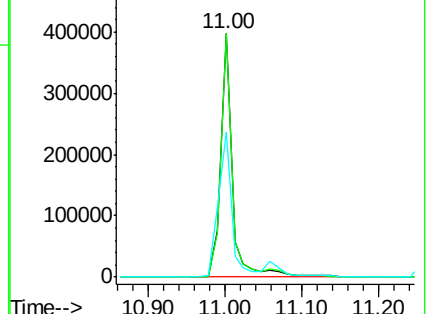
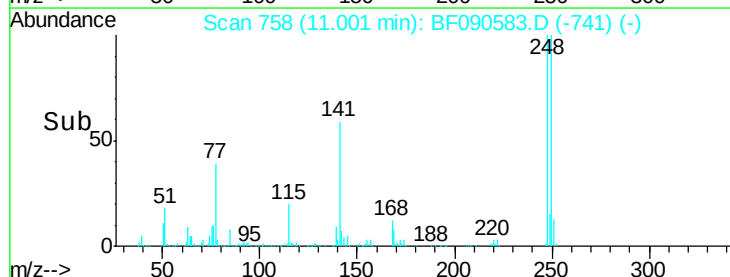
141 59.6 48.4 72.6

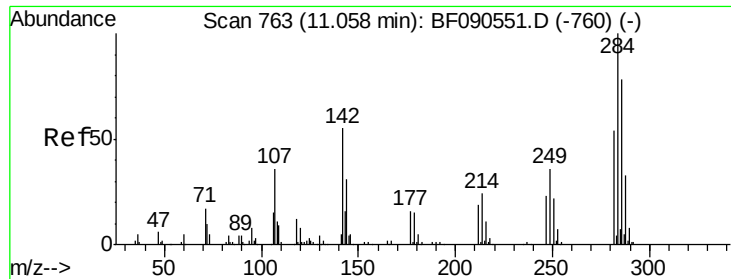


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

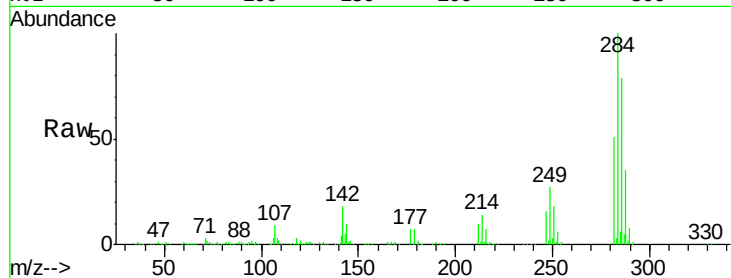




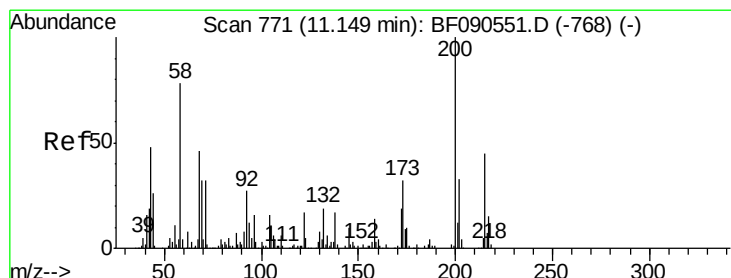
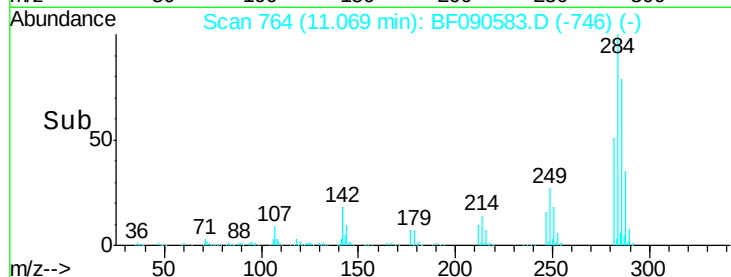
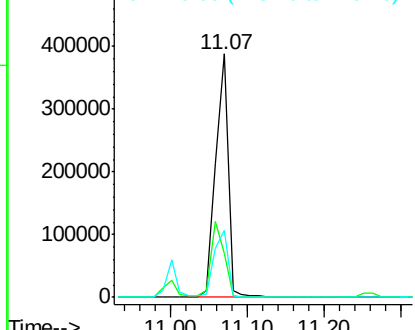
#67
Hexachlorobenzene
Concen: 56.53 ng
RT: 11.07 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tgt Ion:284 Resp: 438846
Ion Ratio Lower Upper
284 100
142 17.8 44.5 66.7#
249 27.3 29.6 44.4#

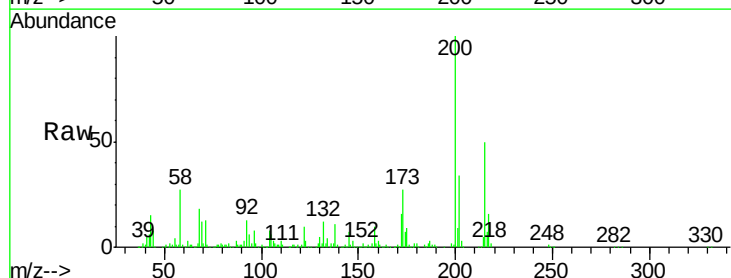


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

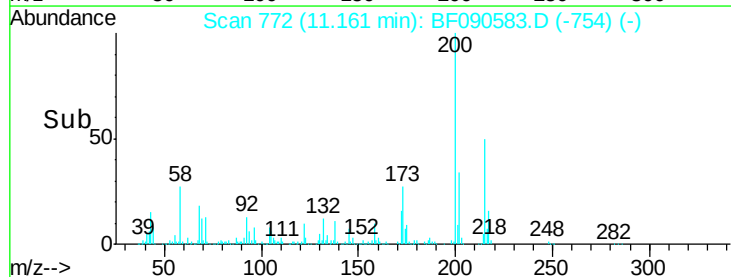
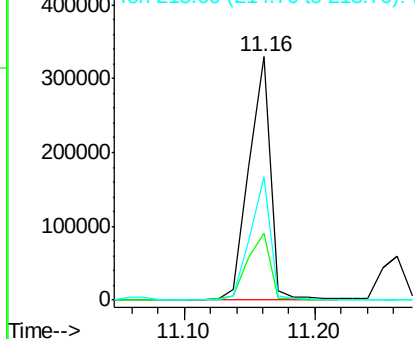


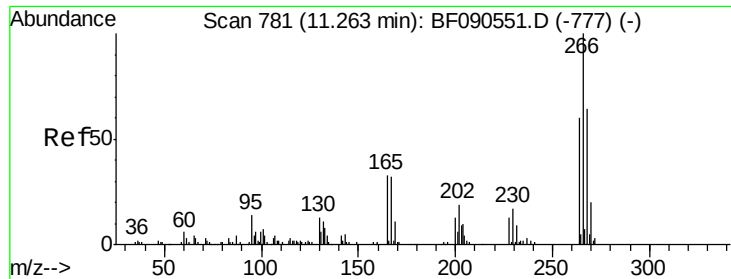
#68
Atrazine
Concen: 62.31 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:200 Resp: 379303
Ion Ratio Lower Upper
200 100
173 27.3 12.0 52.0
215 50.4 25.2 65.2



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

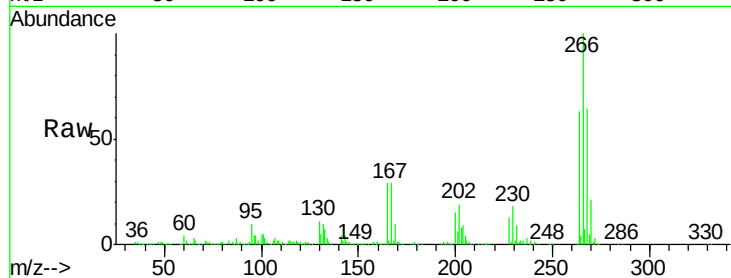




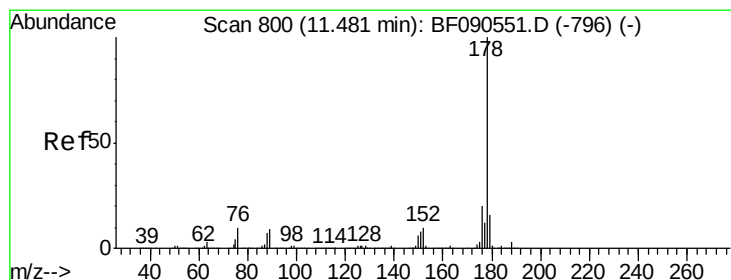
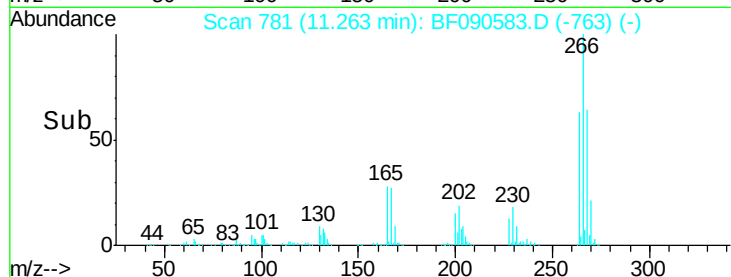
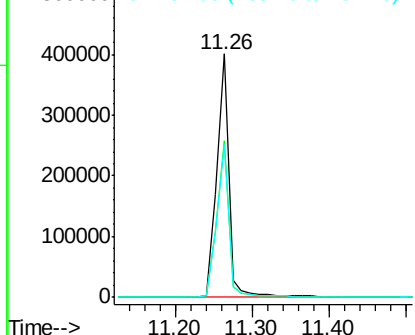
#69
 Pentachlorophenol
 Concen: 115.66 ng
 RT: 11.26 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion:266 Resp: 445020
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.5 77.3
 264 62.5 47.9 71.9

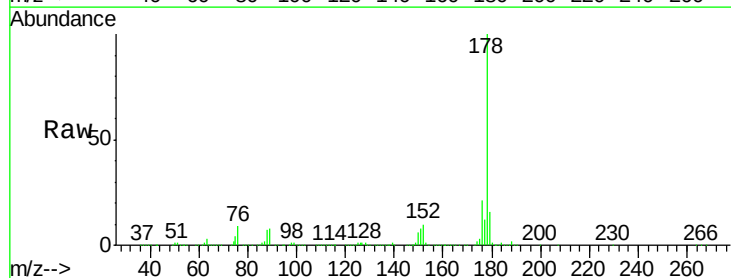


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

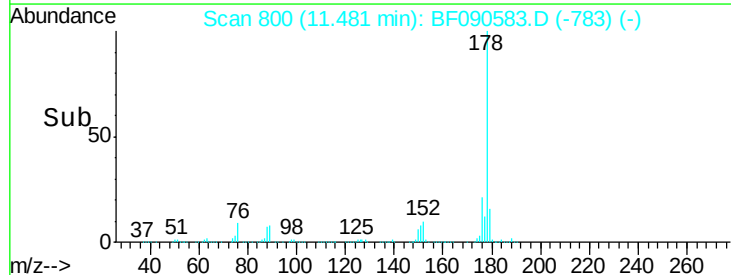
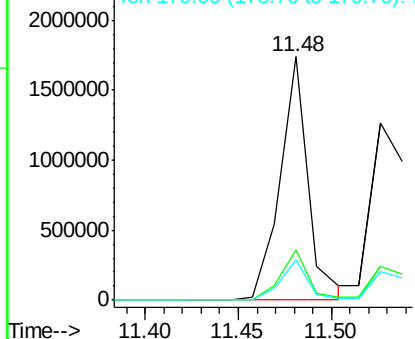


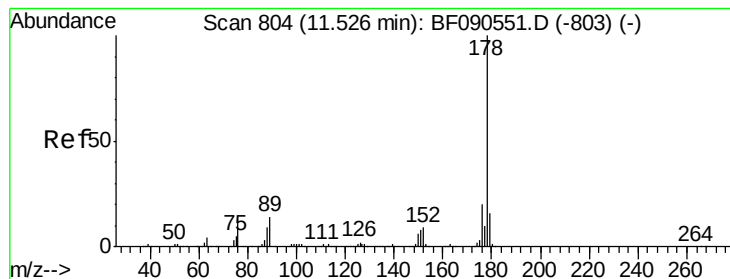
#70
 Phenanthrene
 Concen: 50.89 ng
 RT: 11.48 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:178 Resp: 1810027
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.1 24.1
 179 16.2 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





#71

Anthracene

Concen: 50.39 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

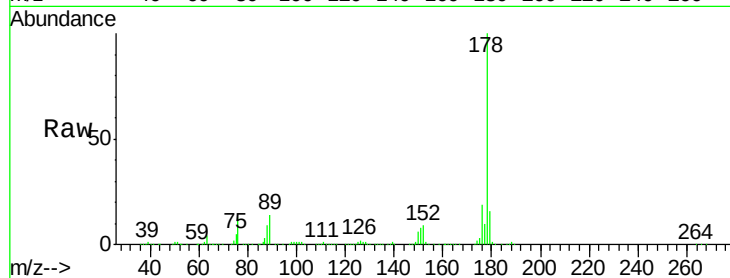
Tgt Ion:178 Resp: 1929155

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

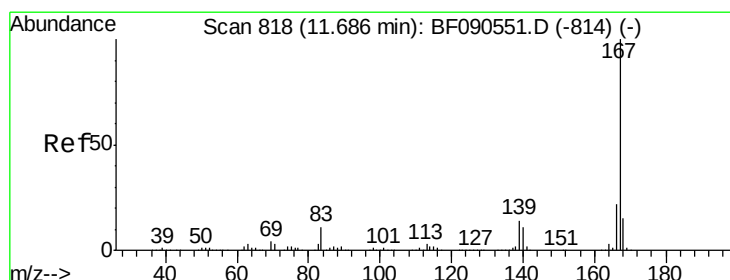
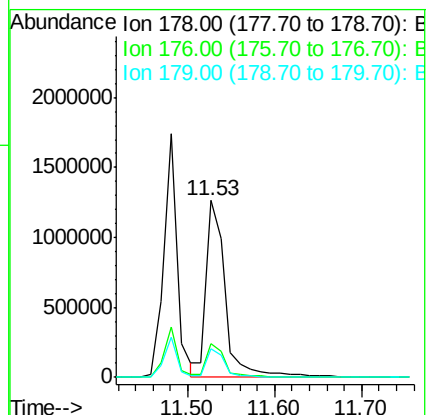
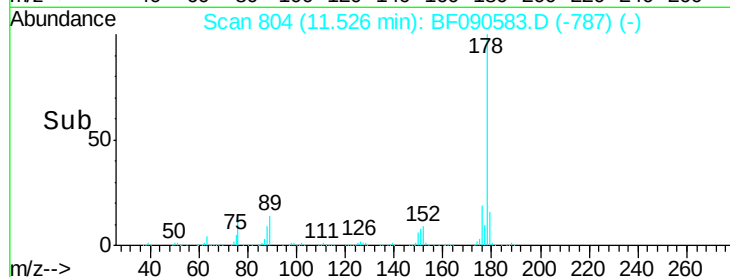
179 16.1 13.0 19.4



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: 49.11 ng

RT: 11.69 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

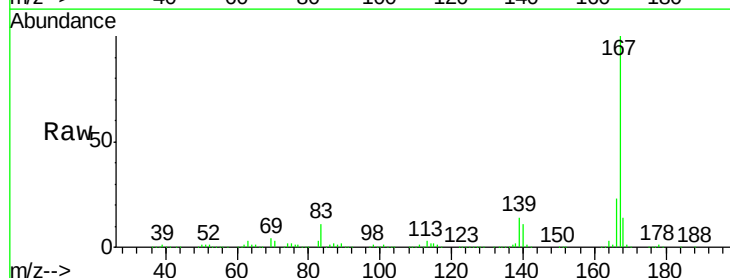
Tgt Ion:167 Resp: 1683028

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.8

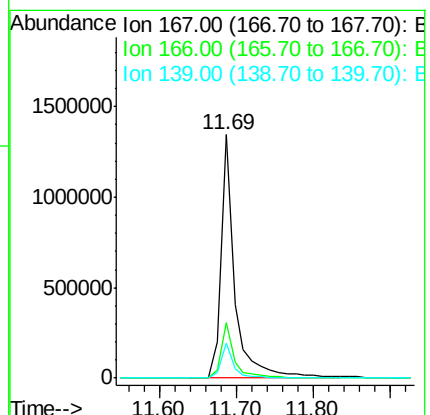
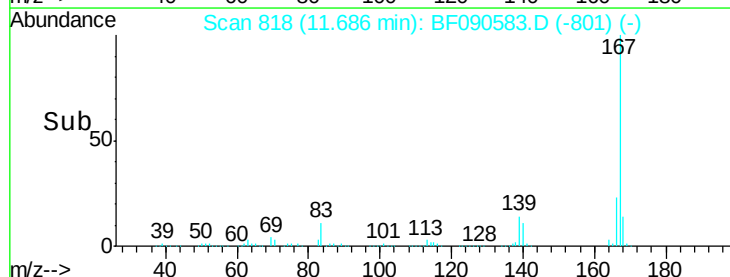
139 14.5 11.3 16.9

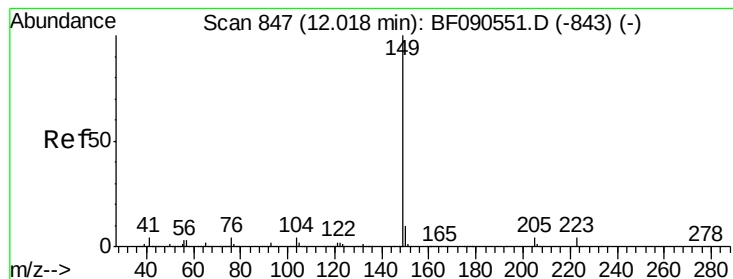


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.18 ng

RT: 12.02 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

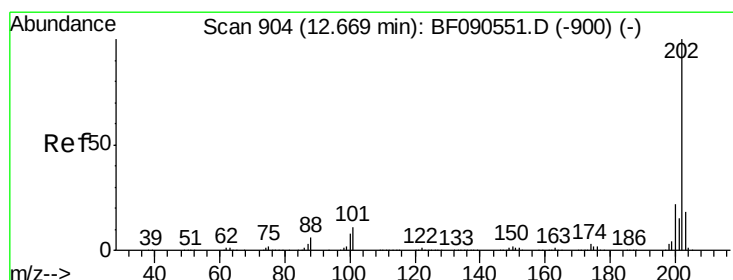
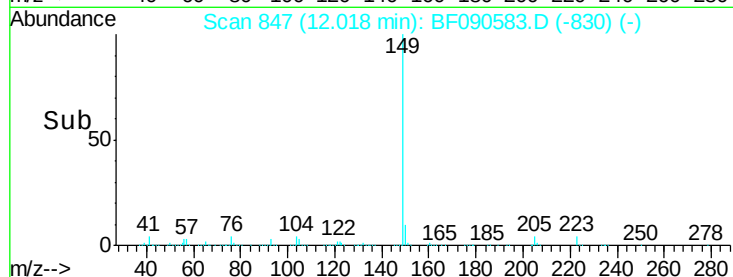
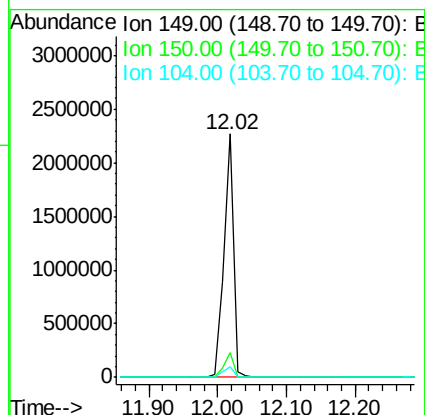
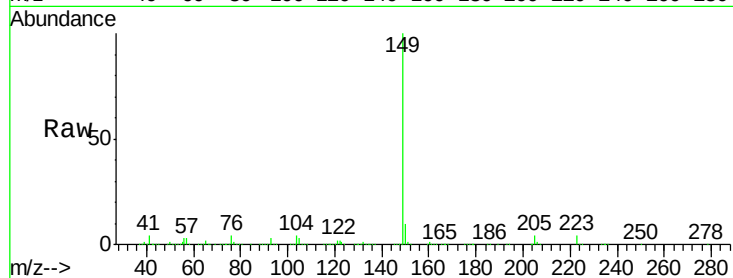
Tgt Ion:149 Resp: 2255574

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 4.3 3.3 4.9



#74

Fluoranthene

Concen: 48.09 ng

RT: 12.67 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

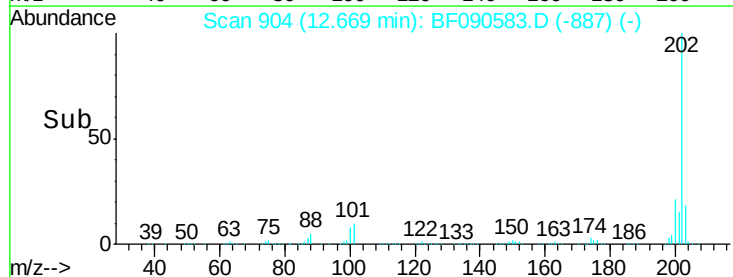
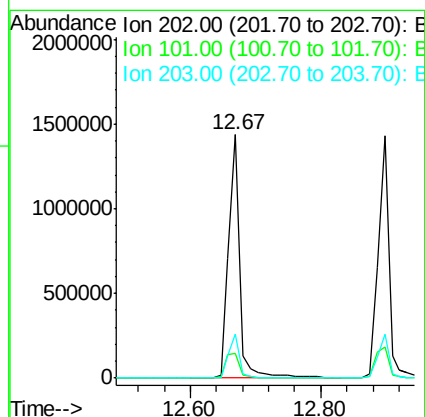
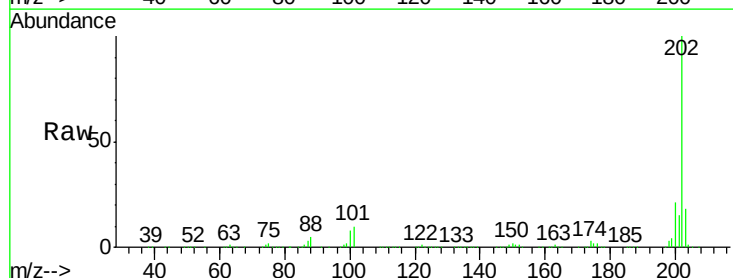
Tgt Ion:202 Resp: 1720513

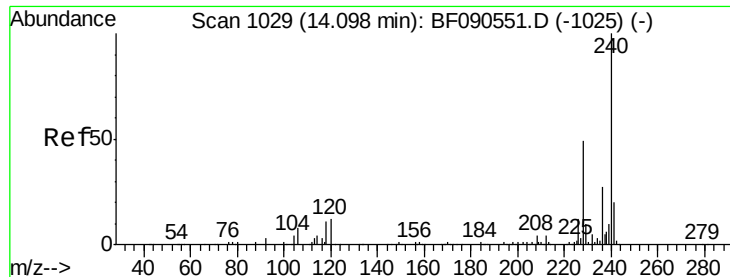
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.1

203 18.0 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

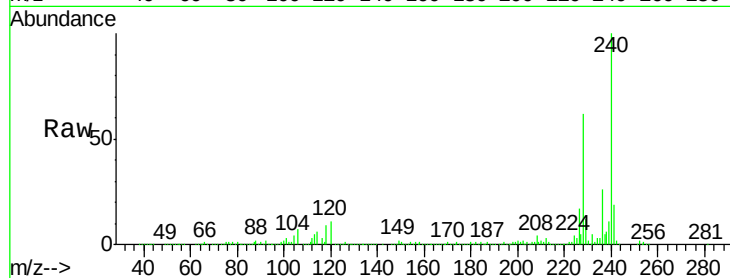
Tgt Ion:240 Resp: 426427

Ion Ratio Lower Upper

240 100

120 10.5 9.8 14.8

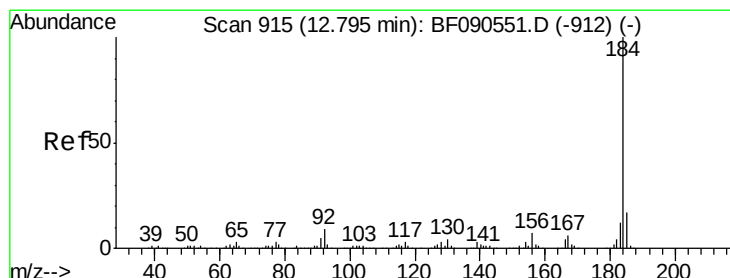
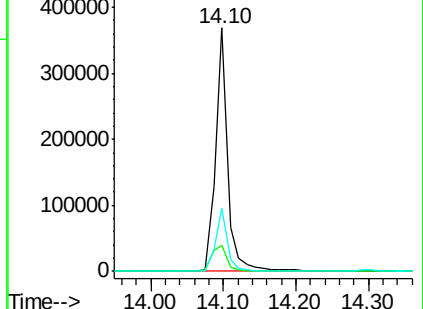
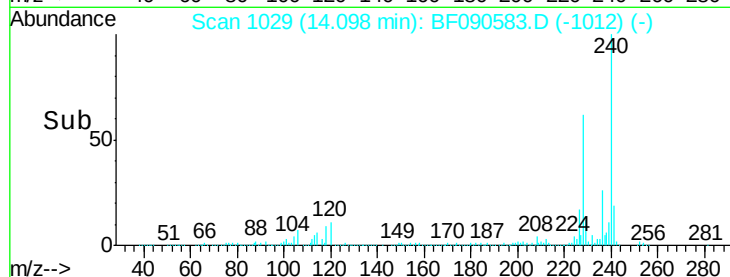
236 25.9 21.7 32.5



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: 24.47 ng

RT: 12.80 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

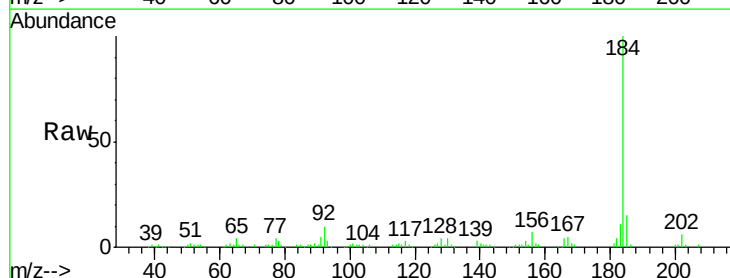
Tgt Ion:184 Resp: 259653

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

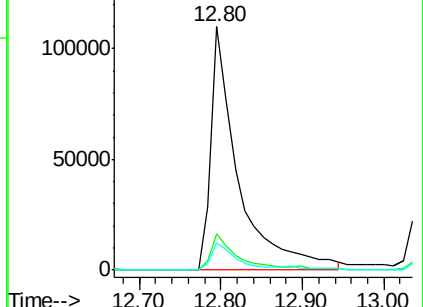
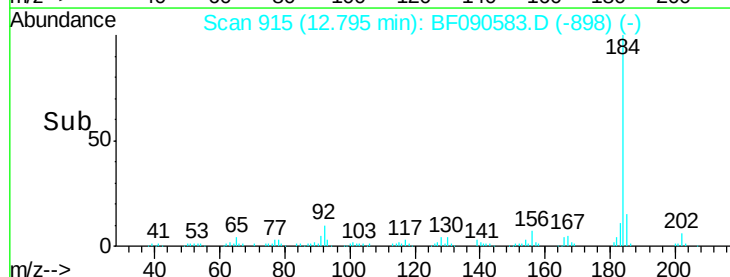
183 11.3 9.4 14.0

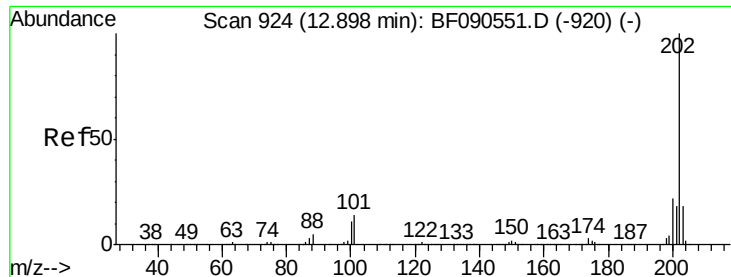


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

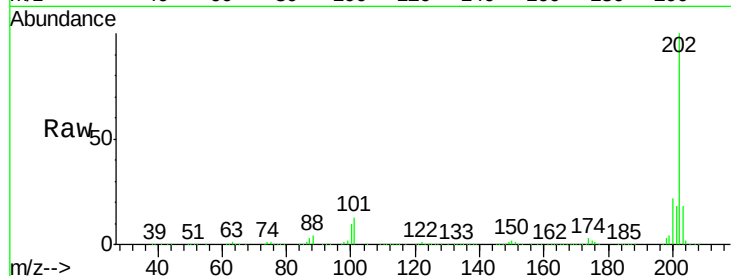




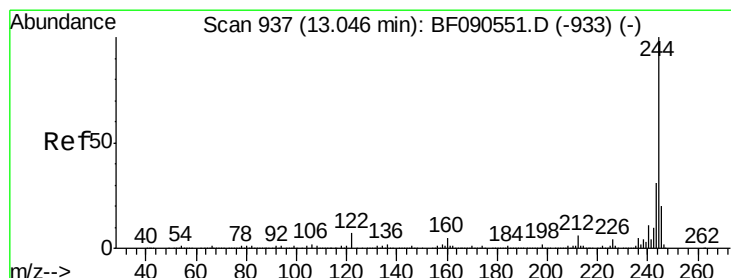
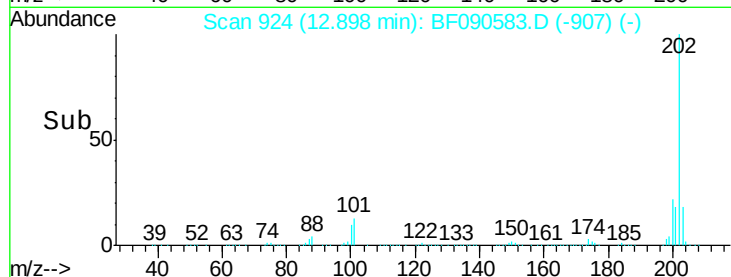
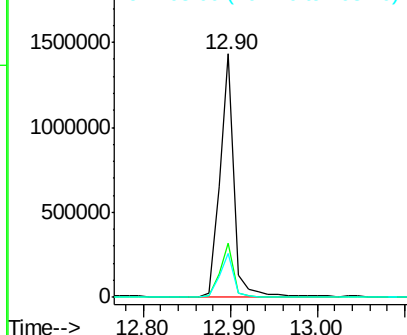
#77
Pyrene
 Concen: 57.29 ng
 RT: 12.90 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

Tgt Ion:202 Resp: 1618125
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.8 26.6
 203 18.2 14.6 21.8

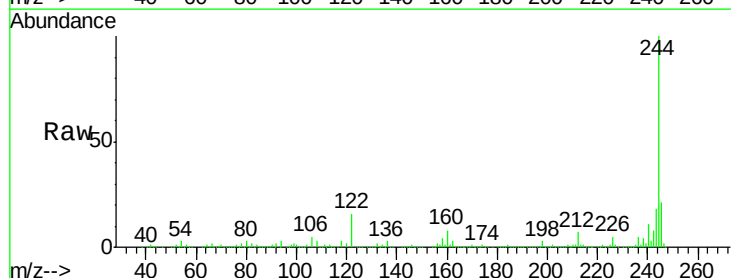


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

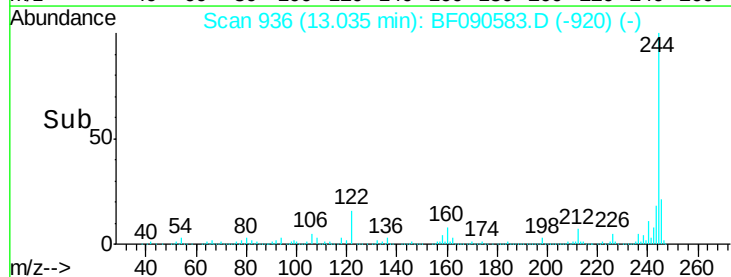
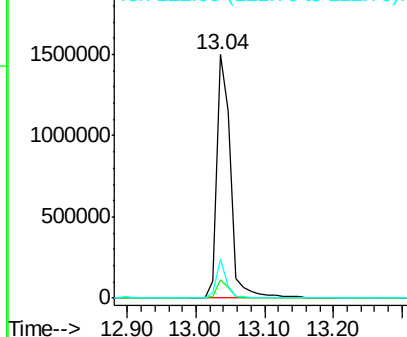


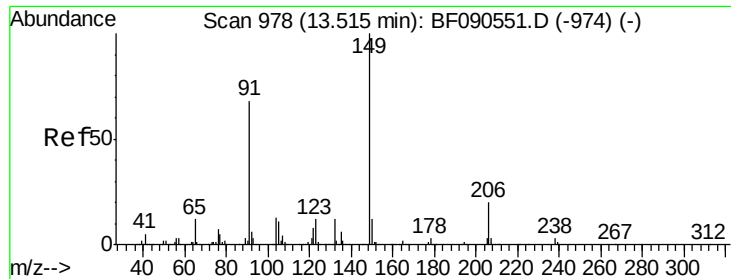
#78
Terphenyl-d14
 Concen: 116.12 ng
 RT: 13.04 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:244 Resp: 2126641
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 16.0 5.6 8.4#



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

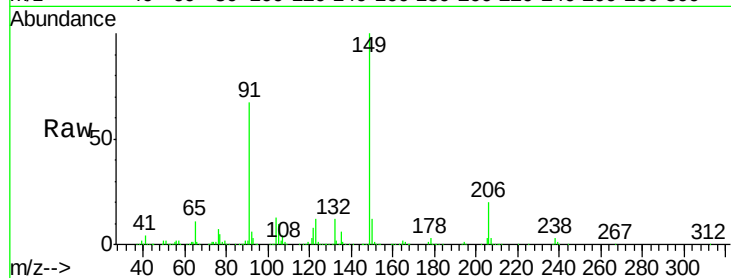




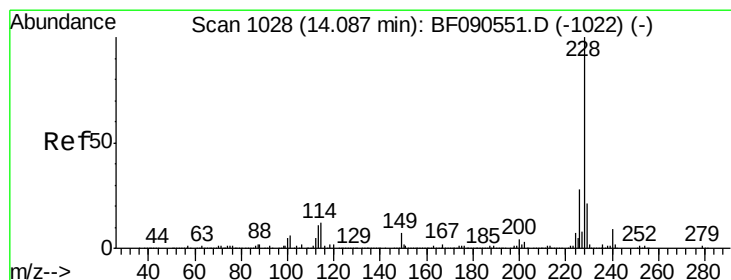
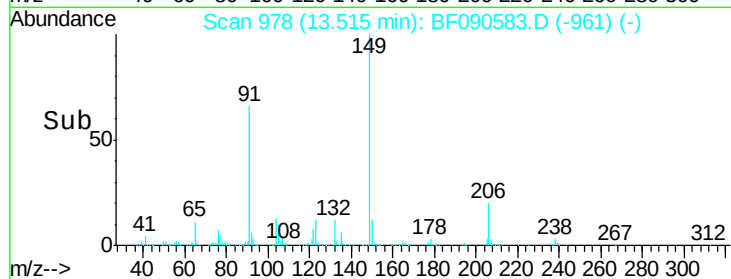
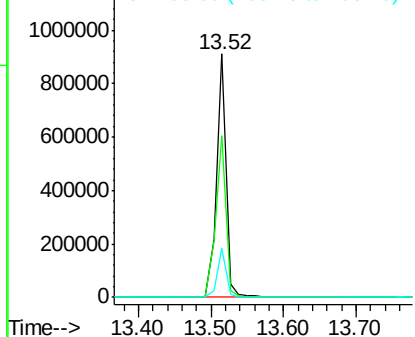
#79
Butylbenzylphthalate
Concen: 66.67 ng
RT: 13.52 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Tgt Ion:149 Resp: 834253
Ion Ratio Lower Upper
149 100
91 66.5 54.3 81.5
206 19.9 15.8 23.6

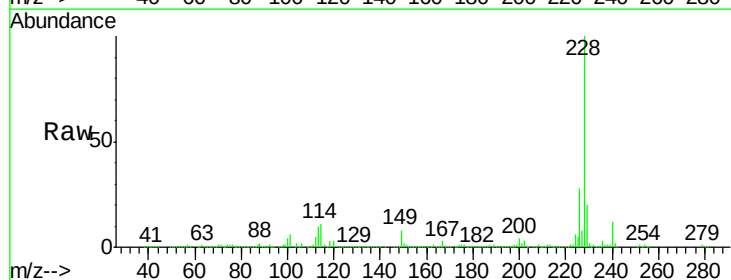


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

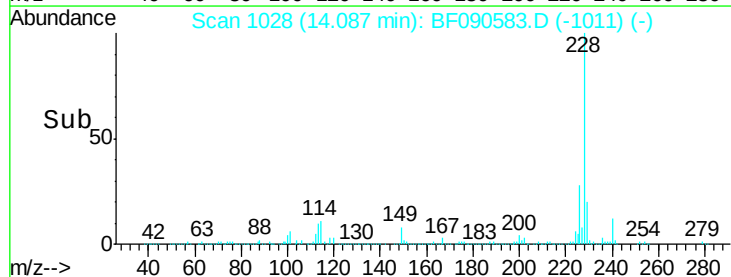
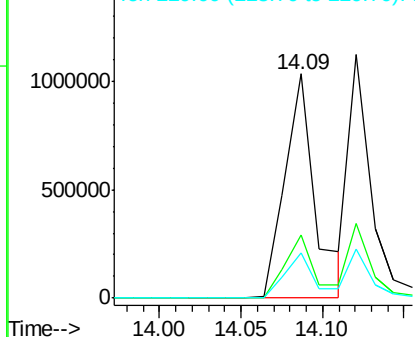


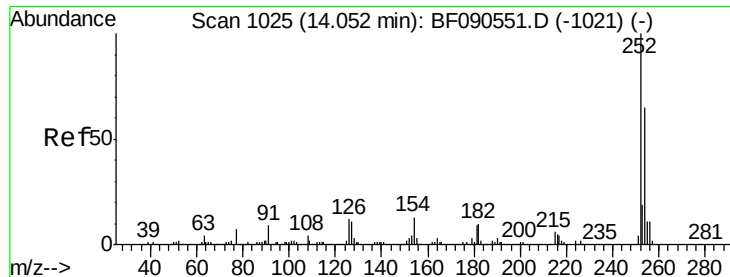
#80
Benzo(a)anthracene
Concen: 55.37 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:228 Resp: 1344184
Ion Ratio Lower Upper
228 100
226 28.3 22.8 34.2
229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

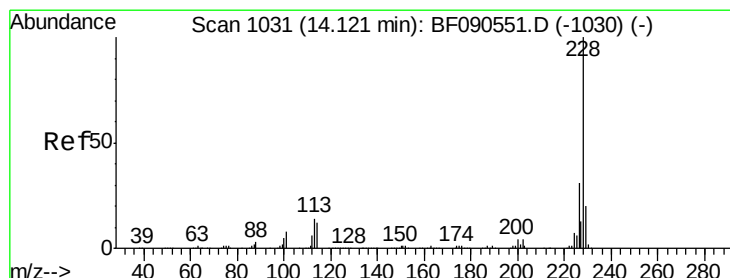
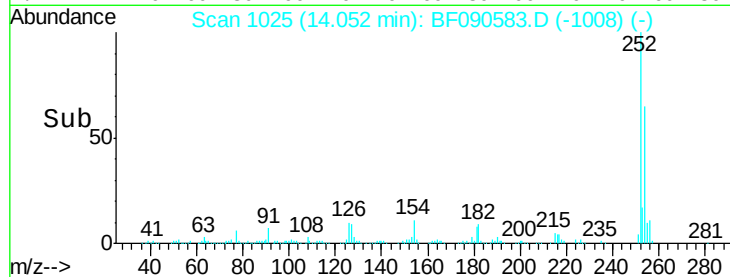
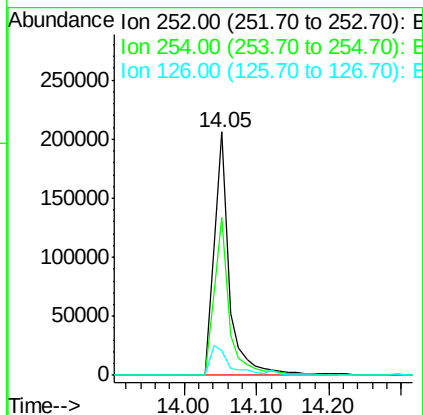
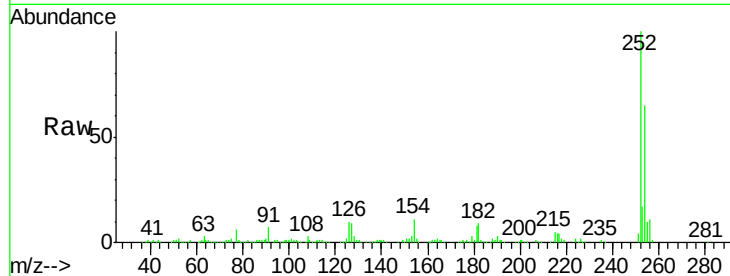




#81
 3,3'-Dichlorobenzidine
 Concen: 36.26 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

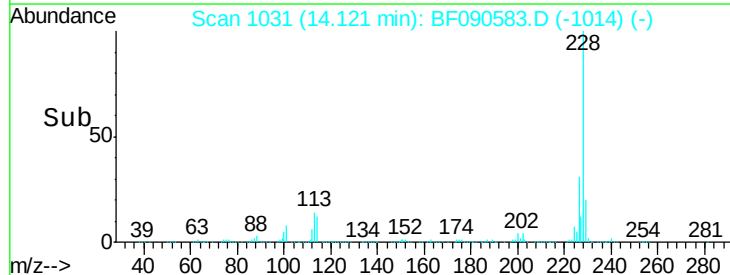
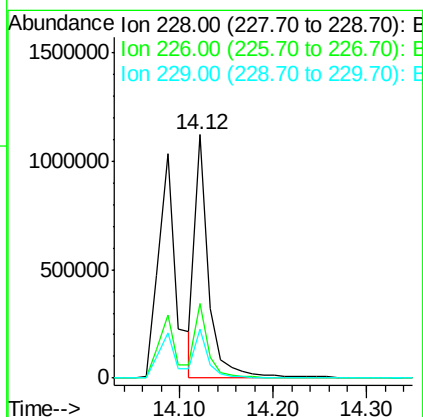
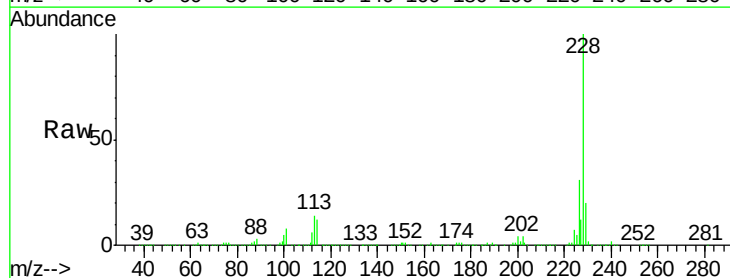
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

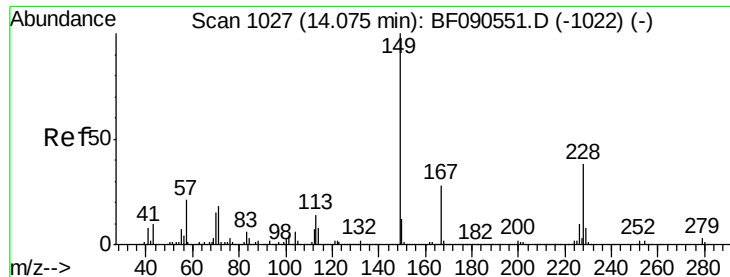
Tgt Ion:252 Resp: 300694
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 10.1 9.3 13.9



#82
 Chrysene
 Concen: 48.70 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:228 Resp: 1139098
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.8 37.2
 229 20.3 16.2 24.4

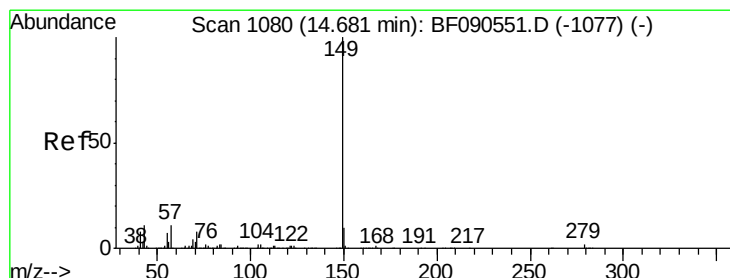
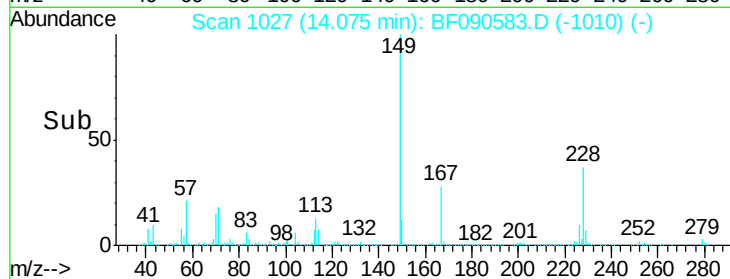
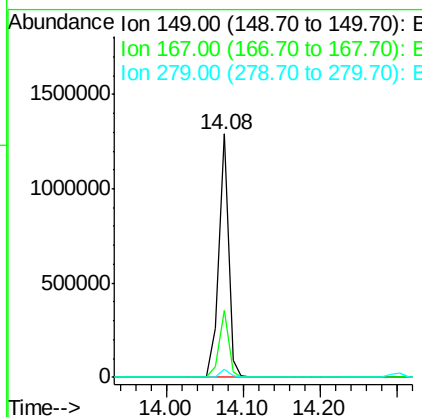
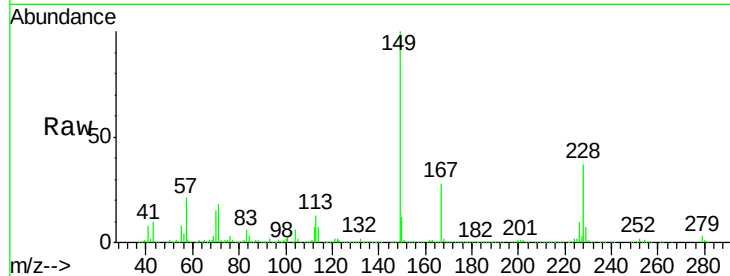




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 67.71 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

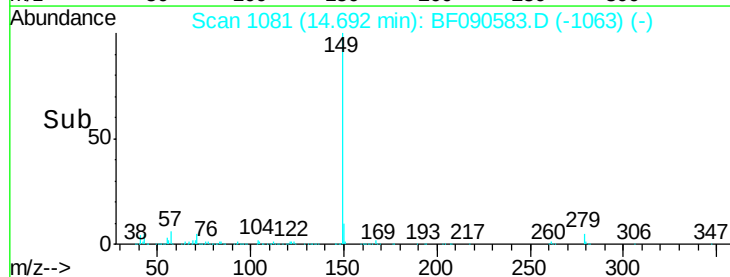
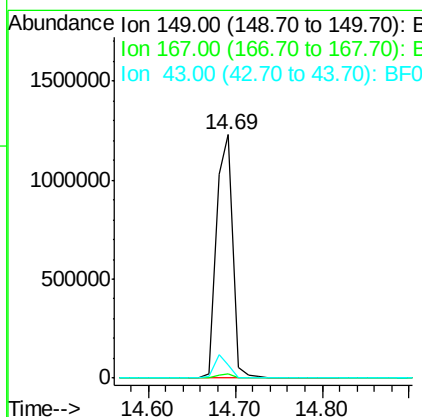
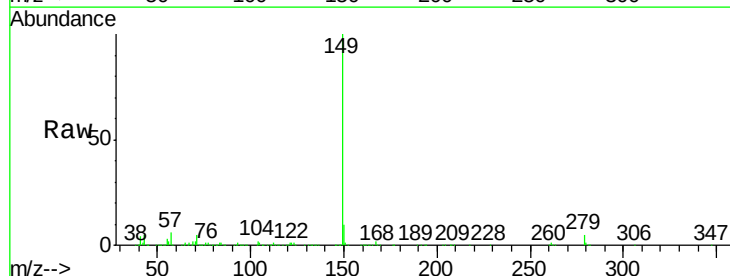
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

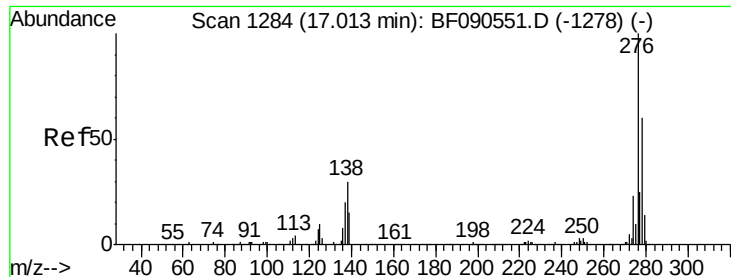
Tgt Ion:149 Resp: 1143062
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 3.4 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 71.82 ng
 RT: 14.69 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:149 Resp: 1625517
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 6.7 10.1

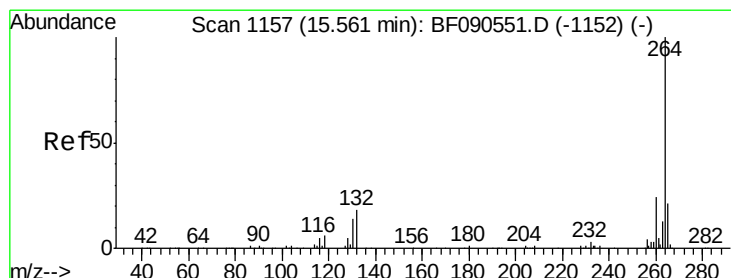
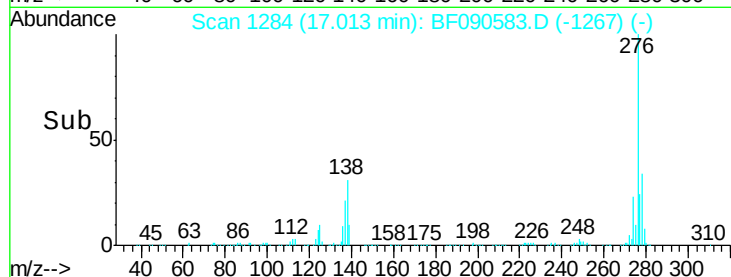
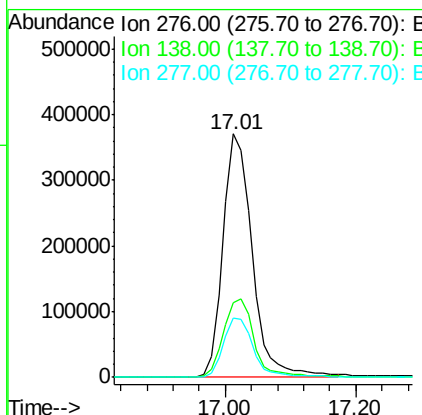
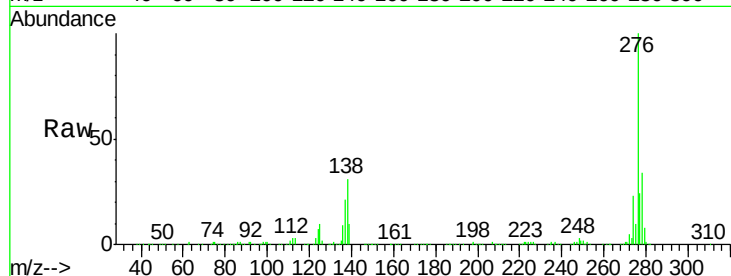




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 85.71 ng
 RT: 17.01 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

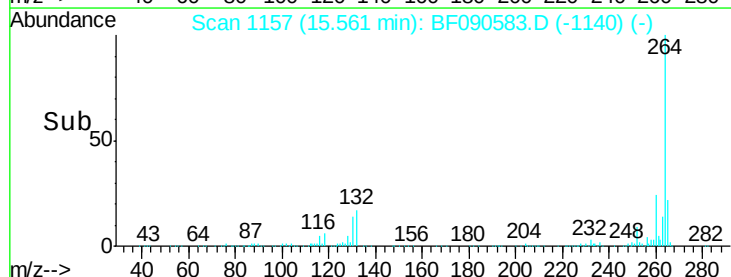
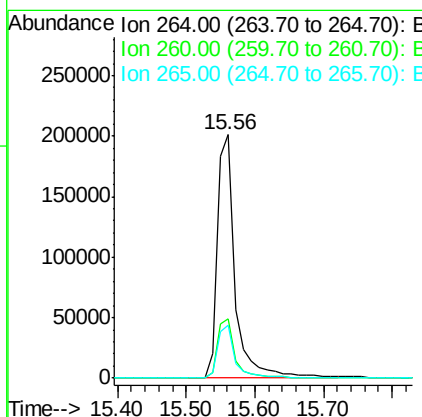
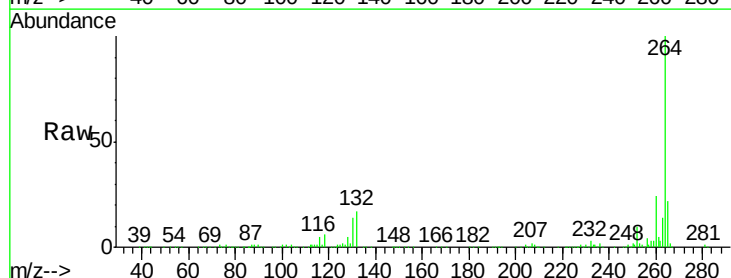
Instrument :
 BNA_F
 ClientSampleId :
 PB94073BS

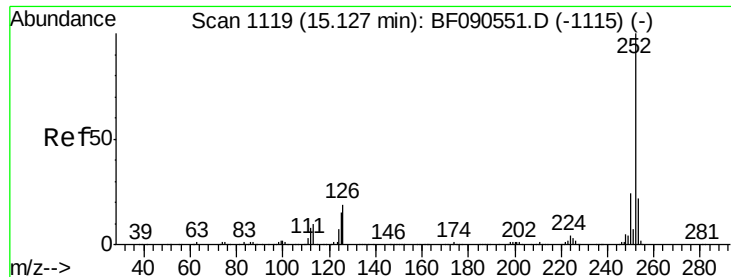
Tgt Ion:276 Resp: 1159151
 Ion Ratio Lower Upper
 276 100
 138 33.8 25.8 38.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF090583.D
 Acq: 15 Oct 2016 3:32

Tgt Ion:264 Resp: 369918
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.6 16.7 25.1

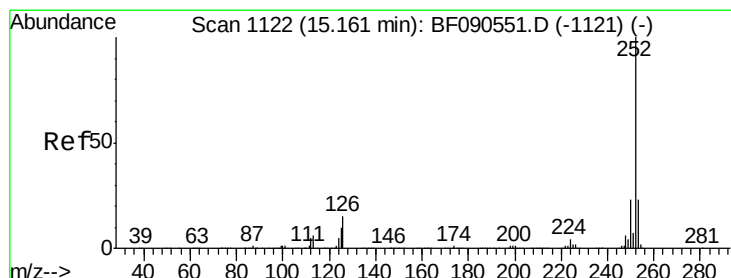
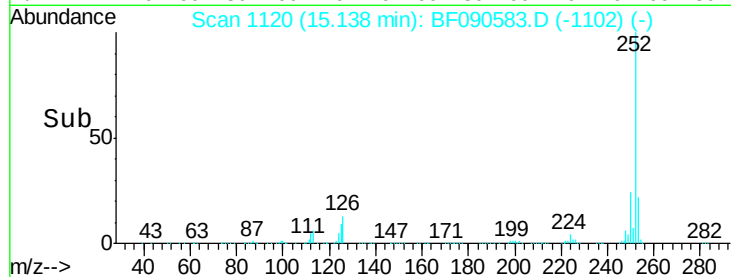
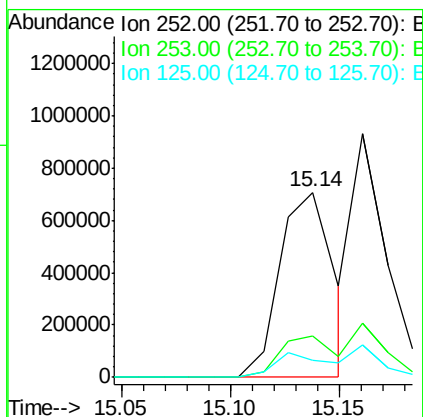
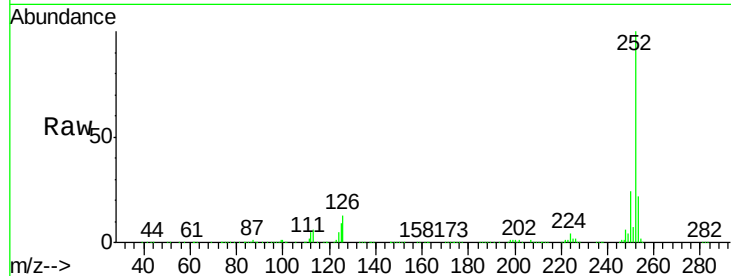




#87
Benzo(b)fluoranthene
Concen: 50.20 ng
RT: 15.14 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

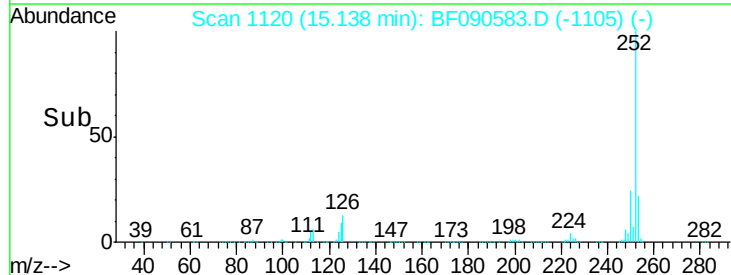
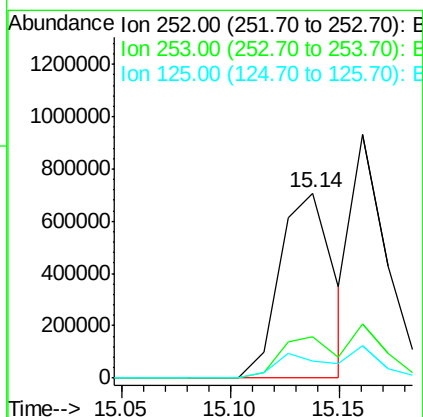
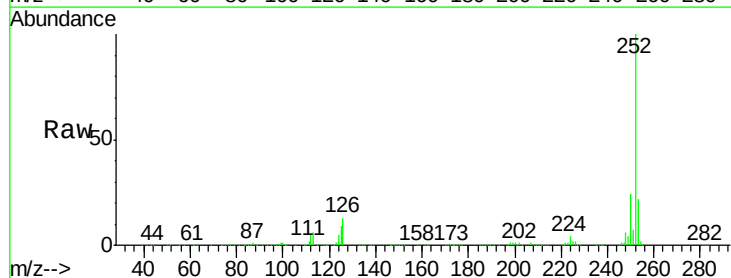
Instrument :
BNA_F
ClientSampleId :
PB94073BS

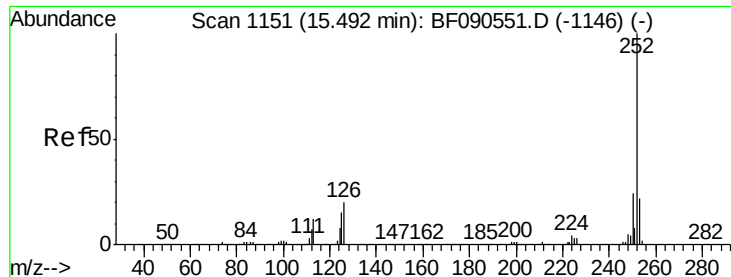
Tgt Ion:252 Resp: 1215172
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 46.66 ng
RT: 15.14 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF090583.D
Acq: 15 Oct 2016 3:32

Tgt Ion:252 Resp: 1215172
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.4 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 52.00 ng

RT: 15.50 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

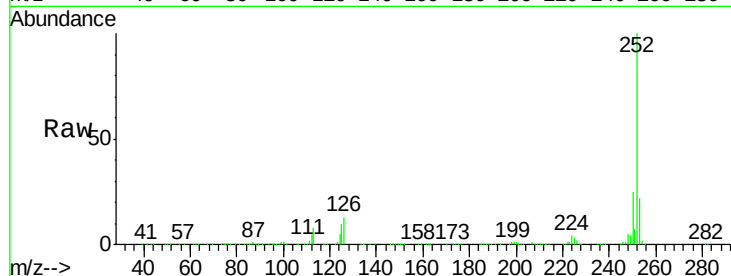
Tgt Ion:252 Resp: 1152352

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

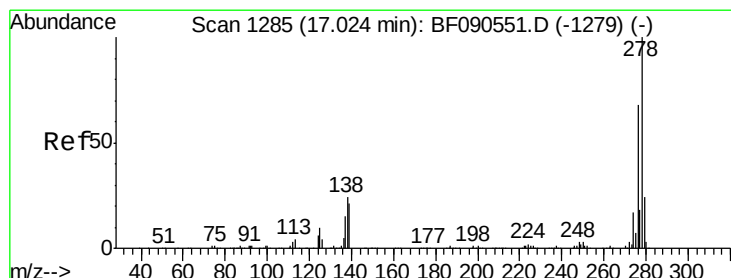
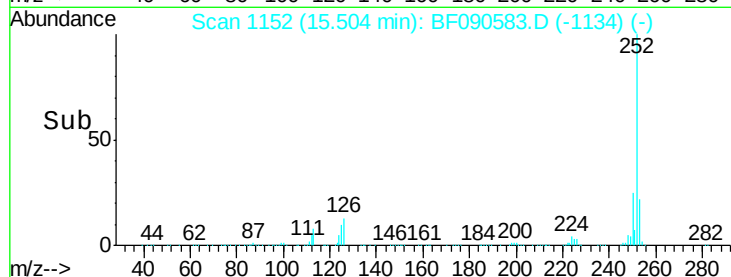
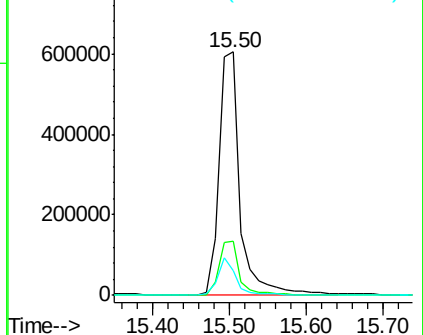
125 10.4 12.3 18.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 59.26 ng

RT: 17.04 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

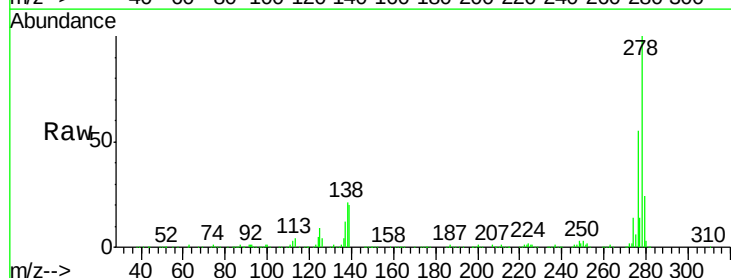
Tgt Ion:278 Resp: 1001475

Ion Ratio Lower Upper

278 100

139 19.6 16.6 25.0

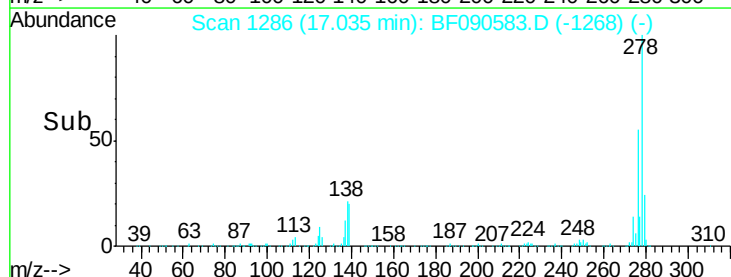
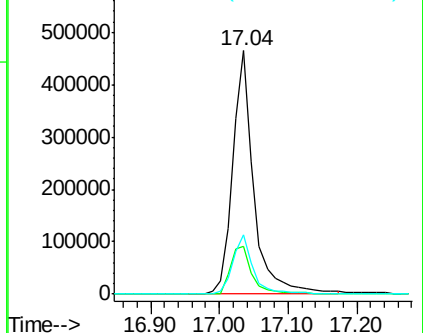
279 24.2 19.1 28.7

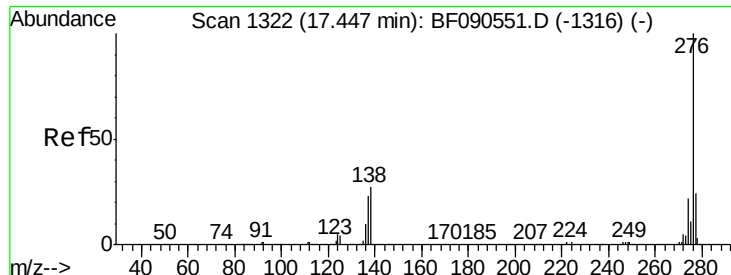


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.13 ng

RT: 17.46 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF090583.D

Acq: 15 Oct 2016 3:32

Instrument :

BNA_F

ClientSampleId :

PB94073BS

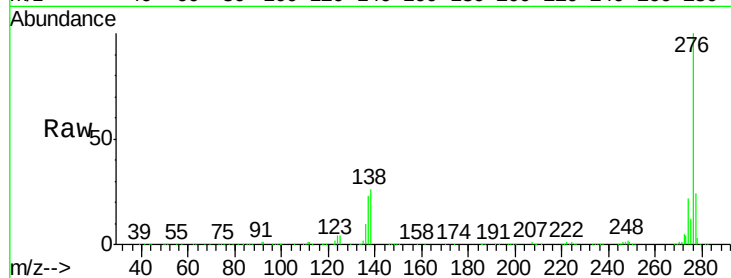
Tgt Ion: 276 Resp: 872356

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 25.8 21.8 32.8



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

