

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091775.D
 Acq On : 19 Dec 2016 11:50
 Operator : UM/SJ
 Sample : H6125-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Quant Time: Dec 19 17:45:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	223680	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	896362	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	484497	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	738070	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	395866	20.00	ng	-0.01
86) Perylene-d12	15.31	264	438594	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1794046	134.38	ng	0.00
7) Phenol-d6	6.42	99	2319754	142.47	ng	0.00
23) Nitrobenzene-d5	7.33	82	1574243	101.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	491013	119.52	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2214149	91.81	ng	-0.01
78) Terphenyl-d14	12.86	244	1744416	111.26	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.35	88	266677	40.56	ng 97
3) Pyridine	3.04	79	906731	42.81	ng 98
4) n-Nitrosodimethylamine	3.00	42	430582	52.53	ng 96
6) Aniline	6.43	93	440479	21.02	ng # 4
8) 2-Chlorophenol	6.56	128	720476	49.03	ng 86
9) Benzaldehyde	6.30	77	118218	9.62	ng 95
10) Phenol	6.43	94	1110492	60.51	ng 79
11) bis(2-Chloroethyl)ether	6.50	93	716027	48.85	ng 97
12) 1,3-Dichlorobenzene	6.70	146	765765	47.45	ng 97
13) 1,4-Dichlorobenzene	6.77	146	730013	44.71	ng 98
14) 1,2-Dichlorobenzene	6.93	146	715152	50.00	ng 99
15) Benzyl Alcohol	6.91	79	581249	46.11	ng 99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	984267	43.94	ng 98
17) 2-Methylphenol	7.04	107	629959	51.30	ng 98
18) Hexachloroethane	7.28	117	280049	46.16	ng 98
19) n-Nitroso-di-n-propylamine	7.18	70	493611	45.57	ng 99
20) 3+4-Methylphenols	7.18	107	718596	52.46	ng 92
22) Acetophenone	7.17	105	1027305	47.47	ng 96
24) Nitrobenzene	7.34	77	712962	42.71	ng 99
25) Isophorone	7.60	82	1474136	49.71	ng 99
26) 2-Nitrophenol	7.66	139	387078	48.07	ng 99
27) 2,4-Dimethylphenol	7.71	122	650011	49.48	ng 99
28) bis(2-Chloroethoxy)methane	7.80	93	872841	50.30	ng 100
29) 2,4-Dichlorophenol	7.92	162	628480	51.88	ng 97
30) 1,2,4-Trichlorobenzene	8.00	180	628044	47.83	ng 100
31) Naphthalene	8.06	128	1948159	45.49	ng 100
32) Benzoic acid	7.80	122	75623	8.08	ng 98
33) 4-Chloroaniline	8.12	127	244303	13.54	ng 96
34) Hexachlorobutadiene	8.19	225	340568	46.14	ng 99
35) Caprolactam	8.50	113	191831m	49.21	ng
36) 4-Chloro-3-methylphenol	8.62	107	707429	52.93	ng 87
37) 2-Methylnaphthalene	8.76	142	1323768	49.03	ng 100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	568568	47.08	ng 99
40) Hexachlorocyclopentadiene	8.92	237	402751	78.69	ng 99

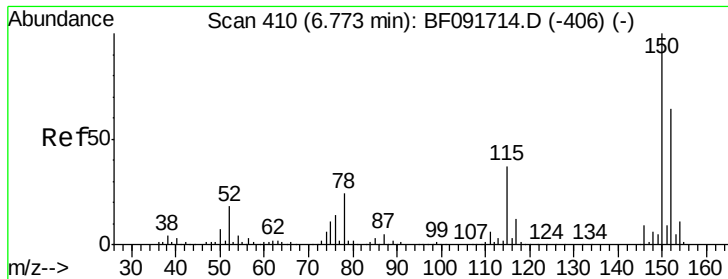
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091775.D
 Acq On : 19 Dec 2016 11:50
 Operator : UM/SJ
 Sample : H6125-02MS
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Quant Time: Dec 19 17:45:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	451209	52.29	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	413262	48.75	nq	# 91
45) 1,1'-Biphenyl	9.23	154	1692053	48.73	nq	99
46) 2-Chloronaphthalene	9.25	162	1266621	48.81	nq	99
47) 2-Nitroaniline	9.34	65	380223	42.91	nq	100
48) Acenaphthylene	9.66	152	1900550	47.27	nq	99
49) Dimethylphthalate	9.54	163	2027541	64.07	nq	99
50) 2,6-Dinitrotoluene	9.60	165	358437	51.66	nq	97
51) Acenaphthene	9.84	154	1227951	44.49	nq	100
52) 3-Nitroaniline	9.76	138	187457	21.70	nq	98
53) 2,4-Dinitrophenol	9.87	184	111122	29.64	nq	97
54) Dibenzofuran	10.01	168	1647961	50.22	nq	100
55) 4-Nitrophenol	9.94	139	483558	80.60	nq	99
56) 2,4-Dinitrotoluene	10.00	165	407329	46.99	nq	91
57) Fluorene	10.35	166	1309259	51.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	341759	48.76	nq	# 98
59) Diethylphthalate	10.24	149	1473136	47.35	nq	95
60) 4-Chlorophenyl-phenylether	10.34	204	523038	45.05	nq	100
61) 4-Nitroaniline	10.37	138	314197	38.39	nq	99
62) Azobenzene	10.50	77	1532880	46.31	nq	99
64) 4,6-Dinitro-2-methylphenol	10.41	198	161704	33.22	nq	91
65) n-Nitrosodiphenylamine	10.46	169	1189360	51.89	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	385832	49.85	nq	95
67) Hexachlorobenzene	10.90	284	412957	50.92	nq	# 92
68) Atrazine	10.99	200	338276	48.84	nq	97
69) Pentachlorophenol	11.09	266	409650	93.61	nq	97
70) Phenanthrene	11.31	178	1920543	52.08	nq	99
71) Anthracene	11.36	178	1678547	42.97	nq	100
72) Carbazole	11.52	167	1754149	51.35	nq	99
73) Di-n-butylphthalate	11.85	149	1855038	42.36	nq	99
74) Fluoranthene	12.49	202	1526966	39.64	nq	99
76) Benzidine	12.61	184	296395	26.01	nq	96
77) Pyrene	12.72	202	1658717	58.02	nq	99
79) Butylbenzylphthalate	13.35	149	729020	54.48	nq	# 76
80) Benzo(a)anthracene	13.91	228	1114709	49.23	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	291545	32.18	nq	# 93
82) Chrysene	13.94	228	1158443	49.36	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	869768	51.25	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1441430	46.09	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1390711	60.26	nq	99
87) Benzo(b)fluoranthene	14.91	252	1389181m	49.95	nq	
88) Benzo(k)fluoranthene	14.95	252	817426m	41.89	nq	
89) Benzo(a)pyrene	15.25	252	1096555	45.94	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	1129787	54.30	nq	100
91) Benzo(g,h,i)perylene	17.06	276	1216718	57.54	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

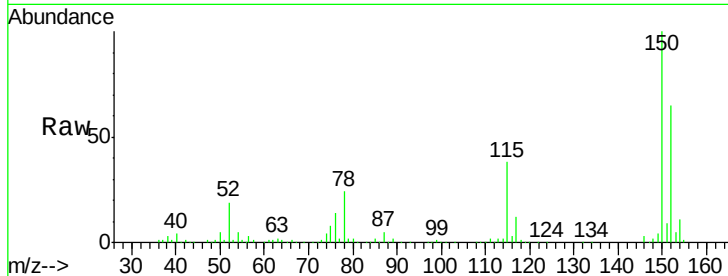
Tot Ion:152 Resp: 223680

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

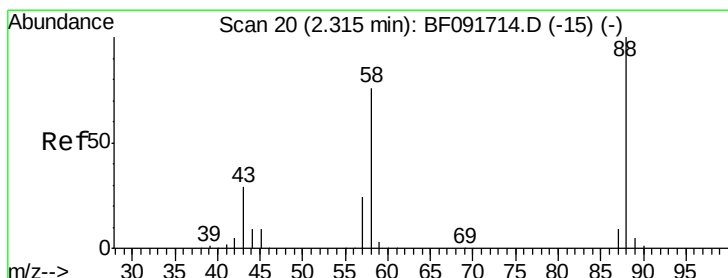
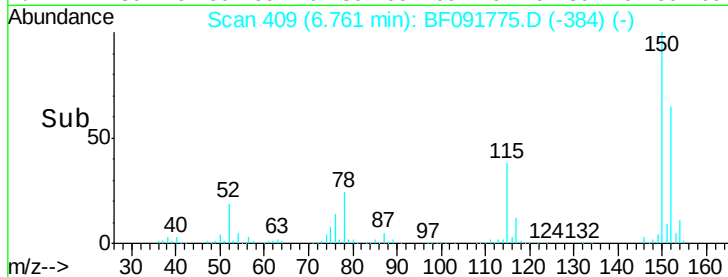
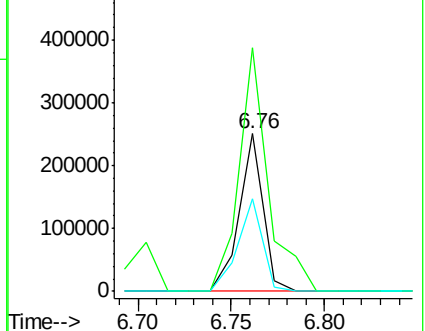
115 58.5 46.0 69.0



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: 40.56 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.03 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

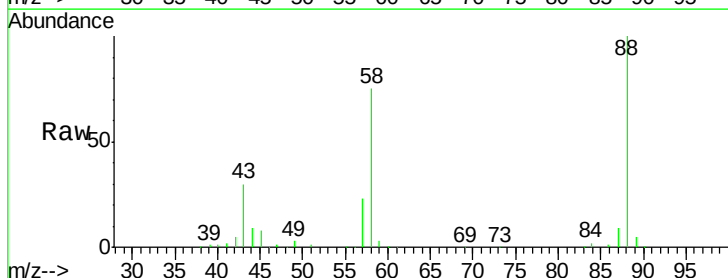
Tgt Ion: 88 Resp: 266677

Ion Ratio Lower Upper

88 100

58 74.7 57.8 86.8

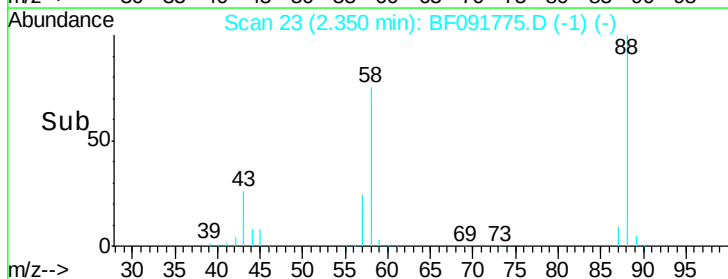
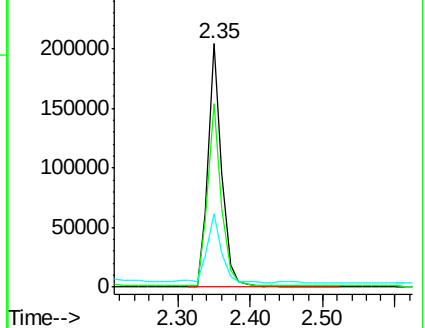
43 29.6 22.3 33.5

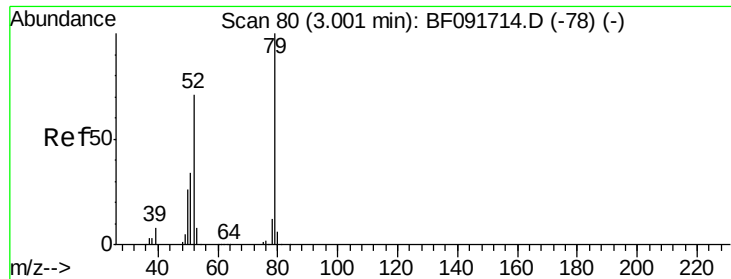


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.81 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.03 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

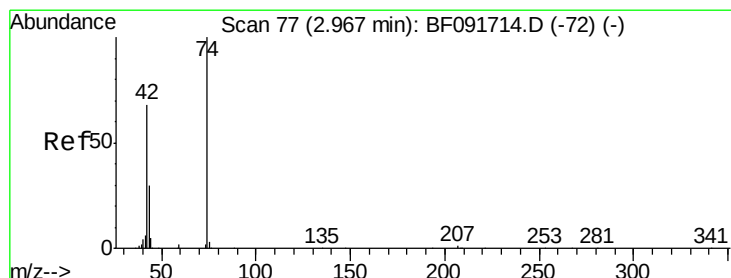
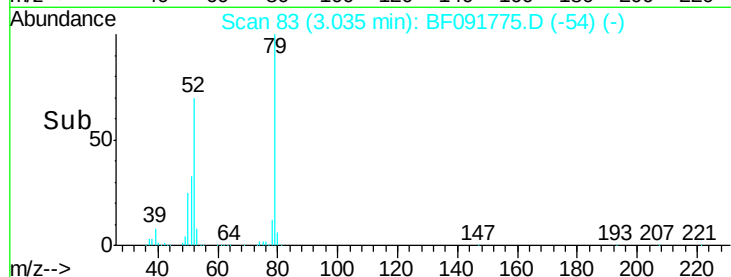
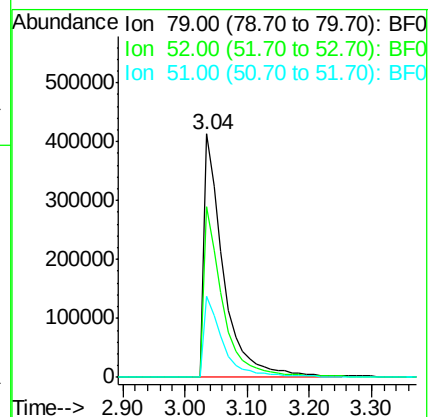
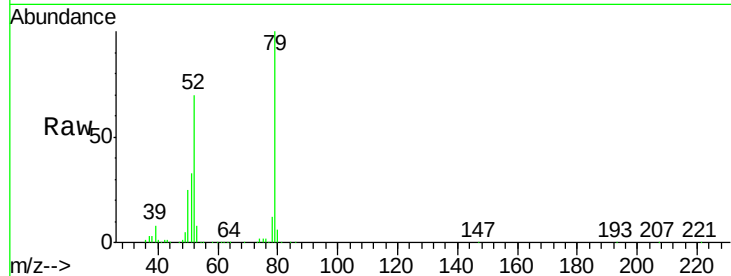
Tot Ion: 79 Resp: 906731

Ion Ratio Lower Upper

79 100

52 69.9 57.1 85.7

51 33.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 52.53 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

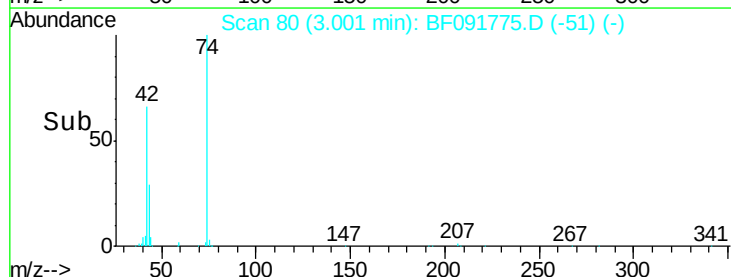
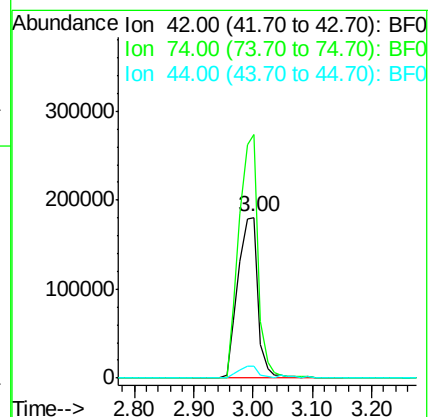
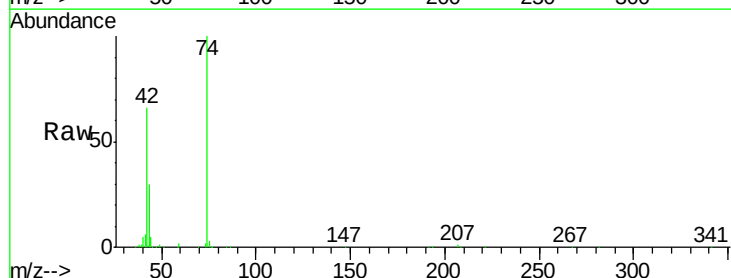
Tgt Ion: 42 Resp: 430582

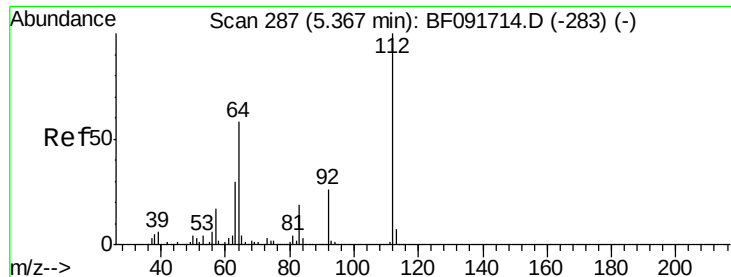
Ion Ratio Lower Upper

42 100

74 151.2 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 134.38 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

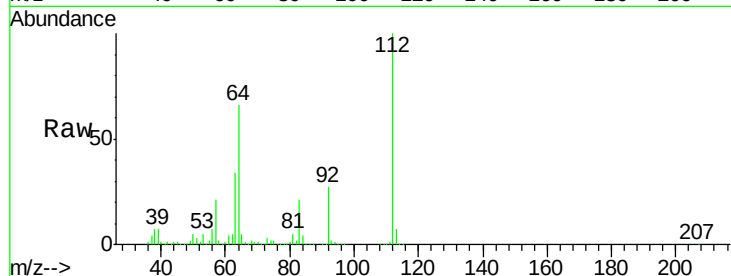
Tot Ion:112 Resp: 1794046

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

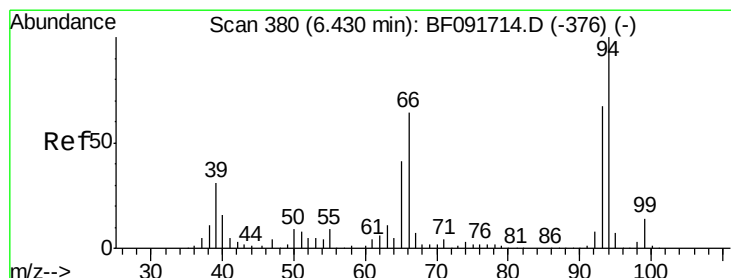
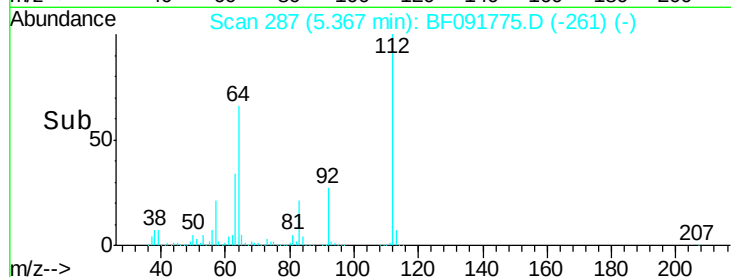
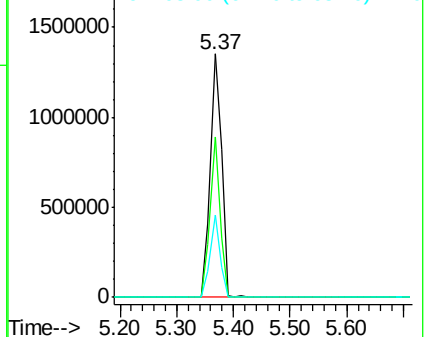
63 33.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.02 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

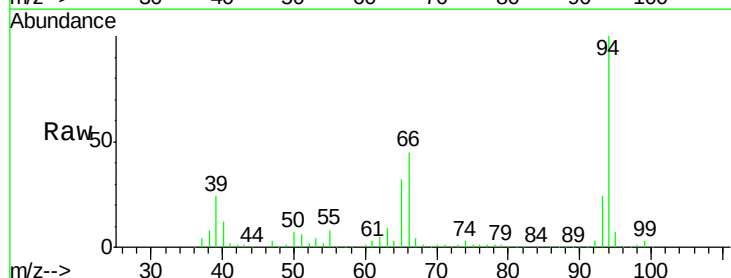
Tgt Ion: 93 Resp: 440479

Ion Ratio Lower Upper

93 100

66 189.7 76.2 114.2#

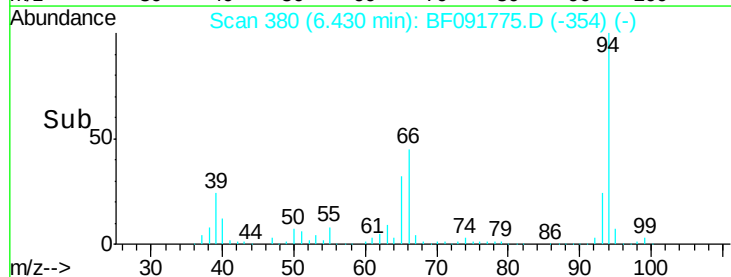
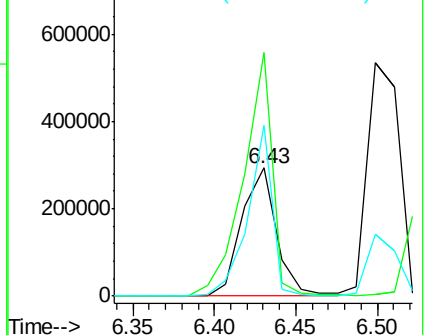
65 133.0 49.3 73.9#

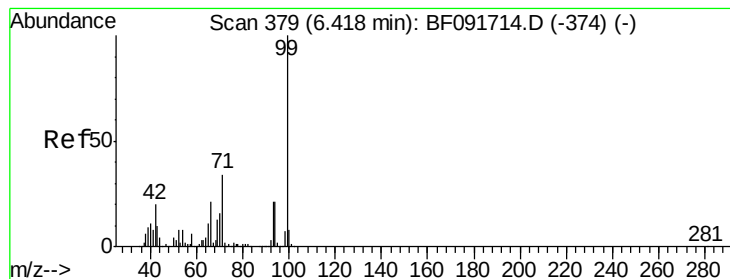


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.47 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

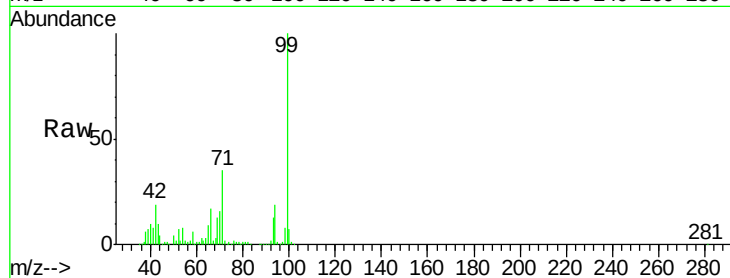
Tot Ion: 99 Resp: 2319754

Ion Ratio Lower Upper

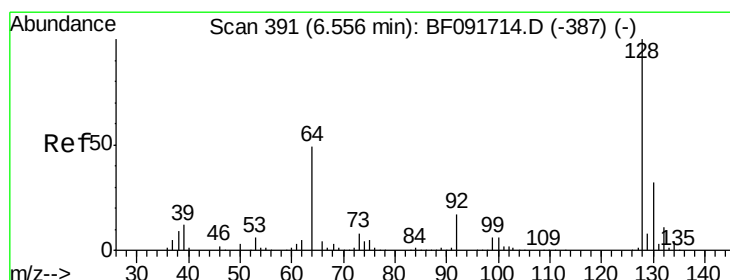
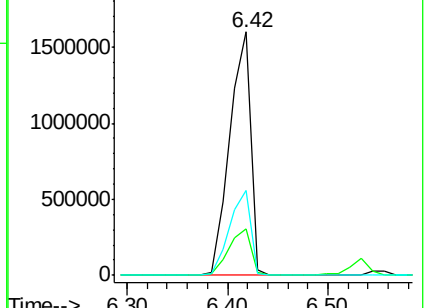
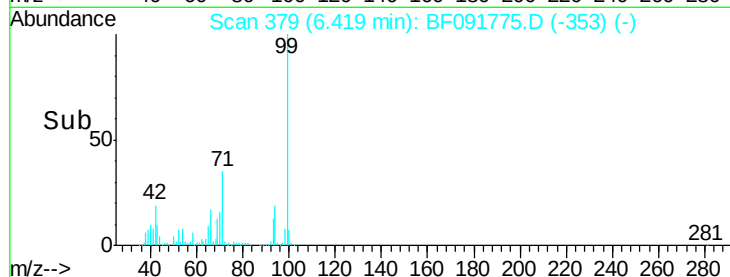
99 100

42 19.0 15.6 23.4

71 34.9 27.5 41.3



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: 49.03 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

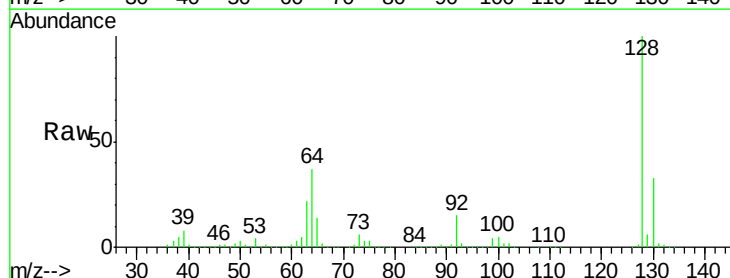
Tgt Ion: 128 Resp: 720476

Ion Ratio Lower Upper

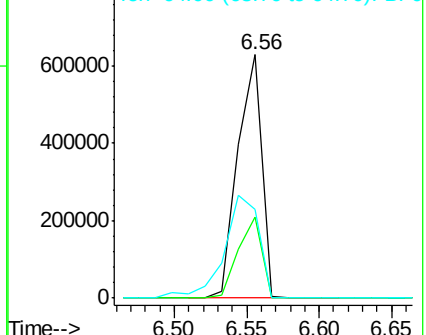
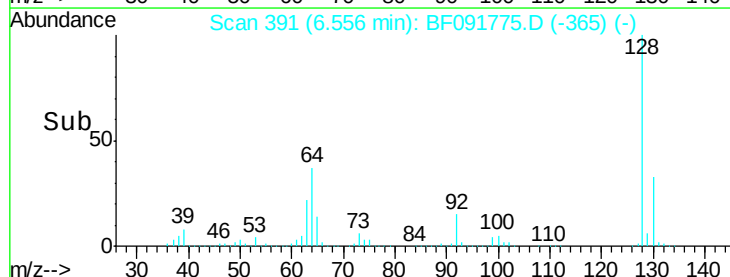
128 100

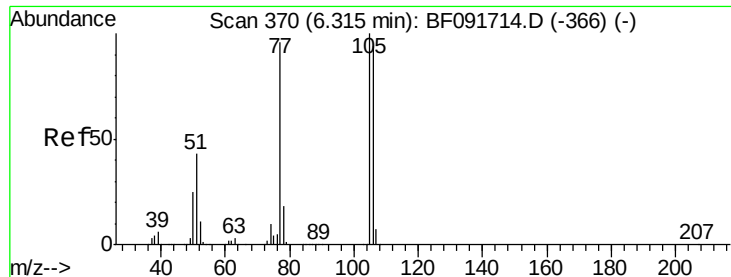
130 33.5 12.3 52.3

64 36.7 32.2 72.2



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: 9.62 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

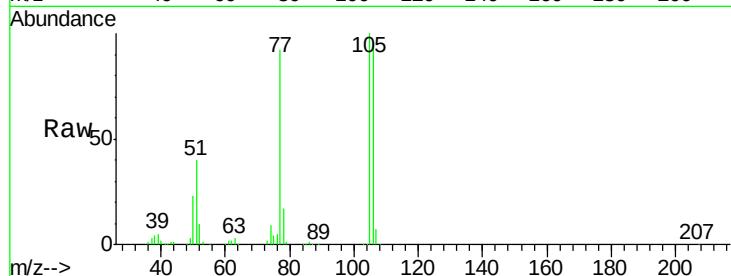
Tot Ion: 77 Resp: 118218

Ion Ratio Lower Upper

77 100

105 108.3 83.9 123.9

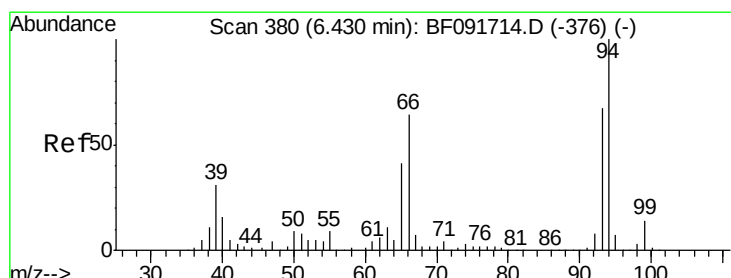
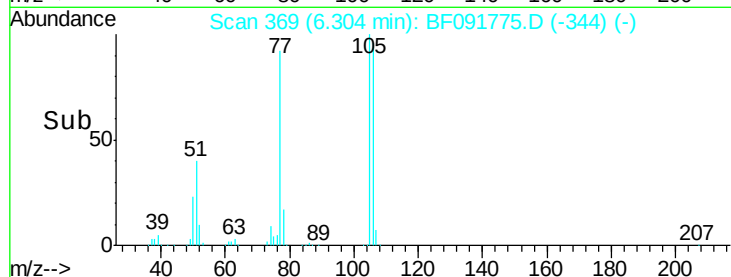
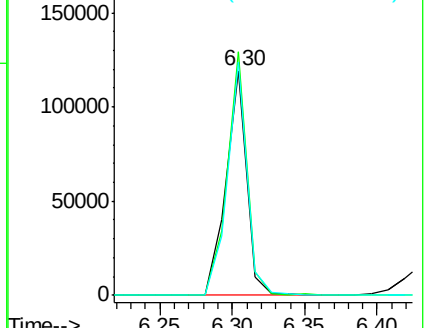
106 103.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 60.51 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

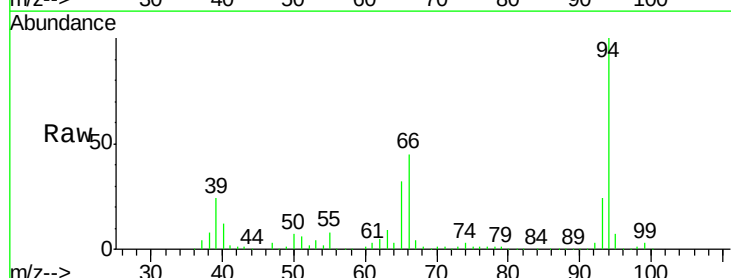
Tgt Ion: 94 Resp: 1110492

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

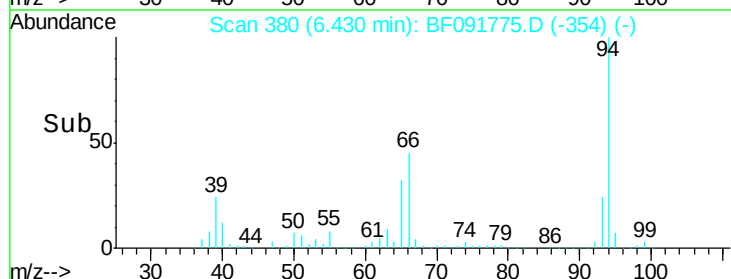
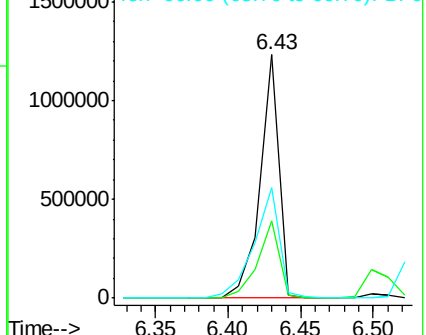
66 45.2 44.0 84.0

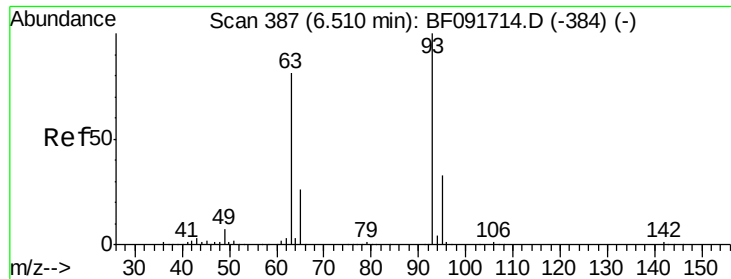


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

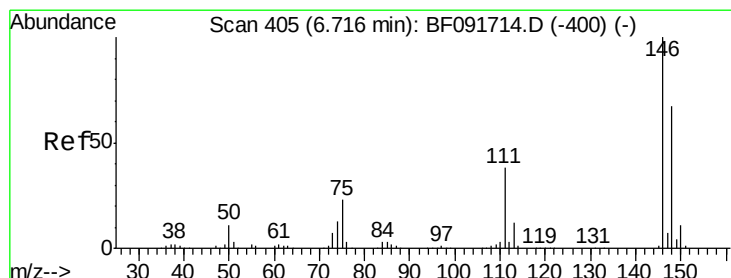
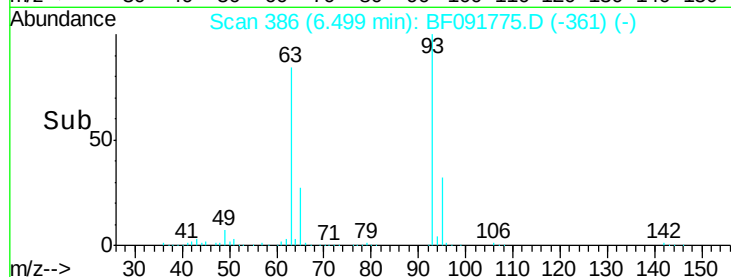
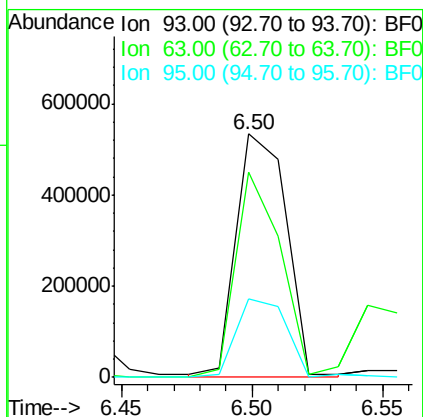
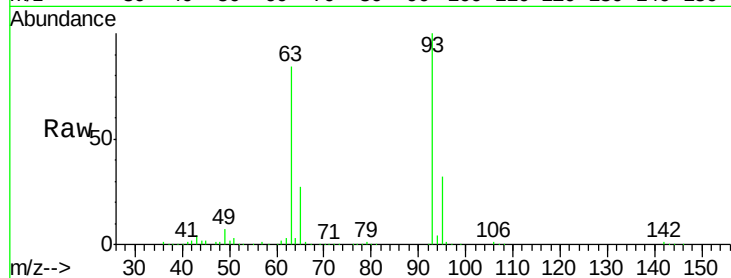




#11
bis(2-Chloroethyl)ether
Concen: 48.85 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

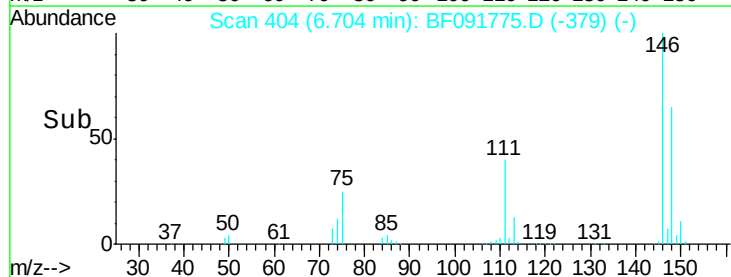
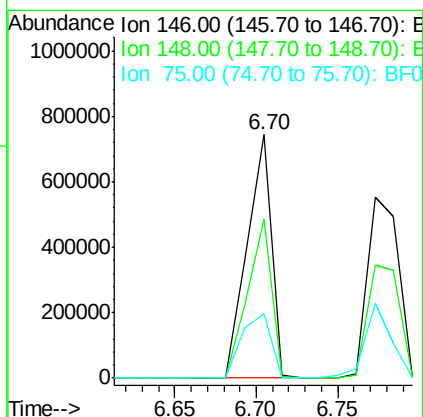
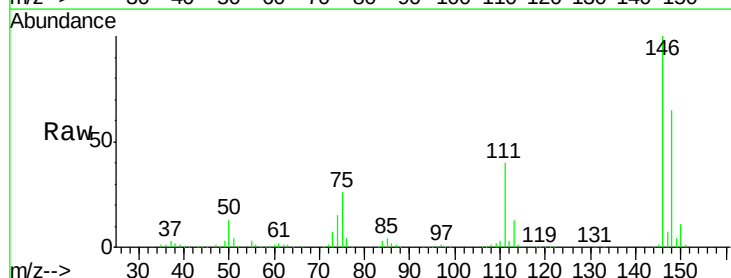
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

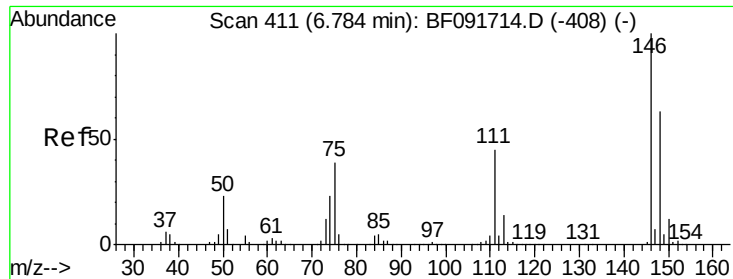
Tot Ion: 93 Resp: 716027
Ion Ratio Lower Upper
93 100
63 84.5 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.45 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion: 146 Resp: 765765
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
75 26.3 18.5 27.7

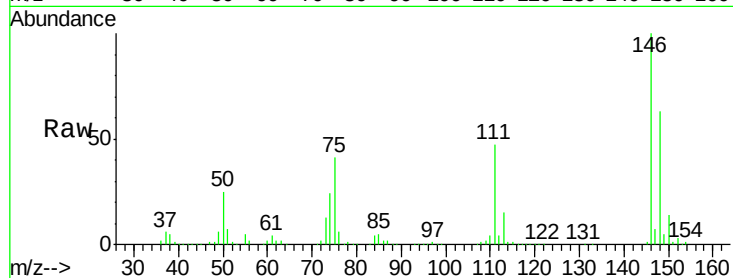




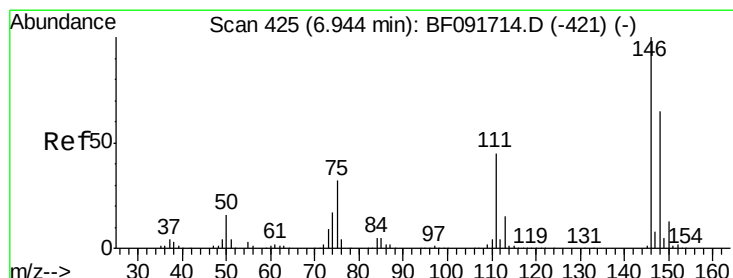
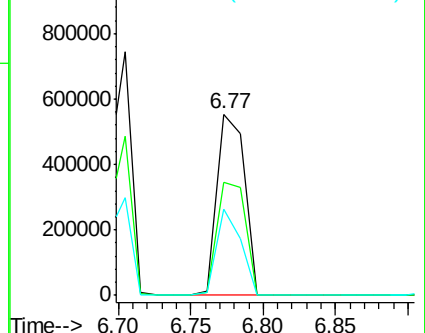
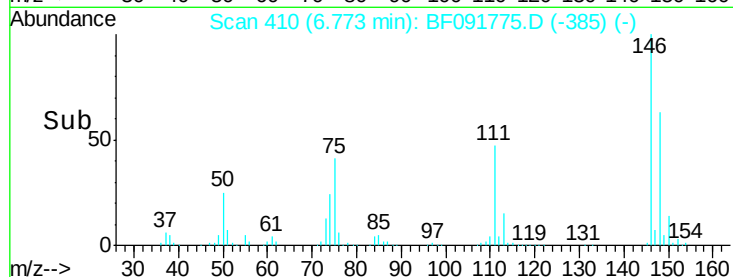
#13
 1,4-Dichlorobenzene
 Concen: 44.71 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Tot Ion:146 Resp: 730013
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 47.4 36.2 54.4

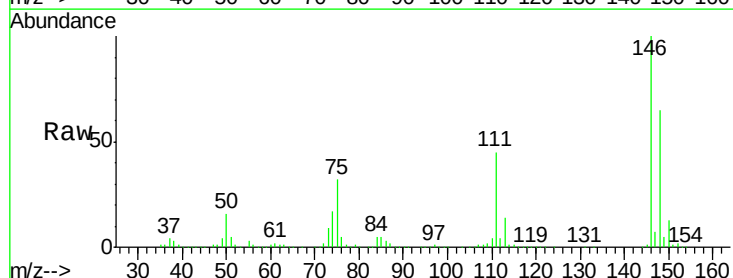


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

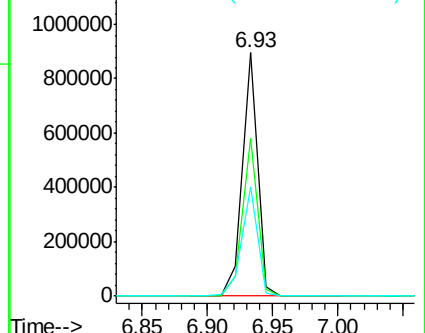
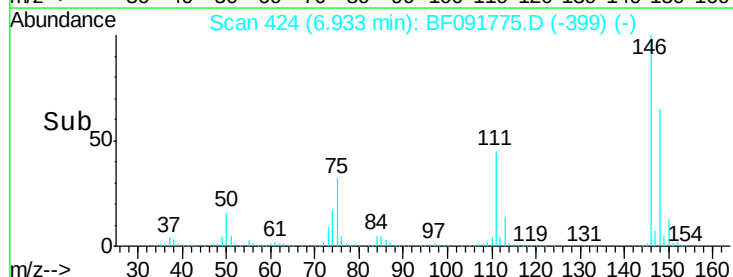


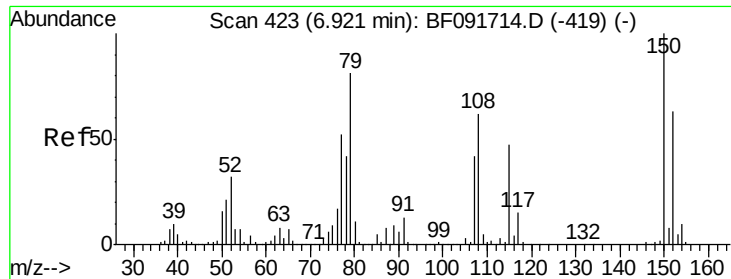
#14
 1,2-Dichlorobenzene
 Concen: 50.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:146 Resp: 715152
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 44.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

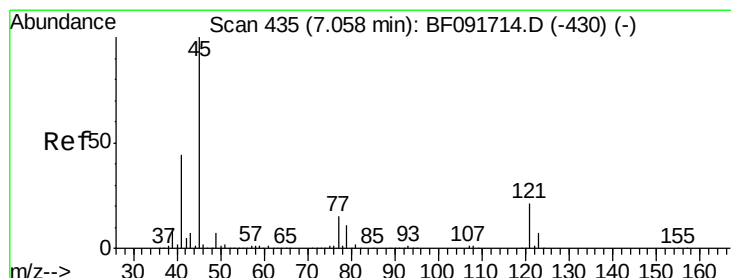
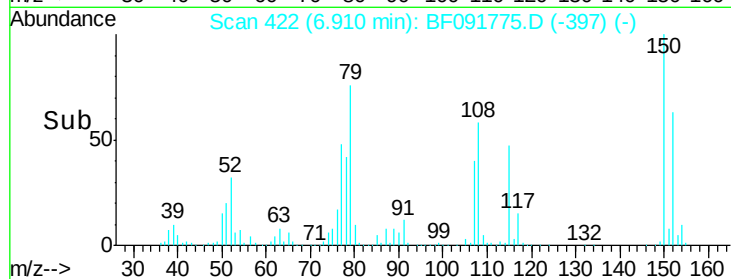
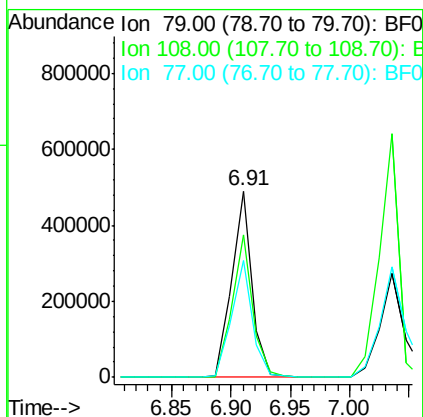
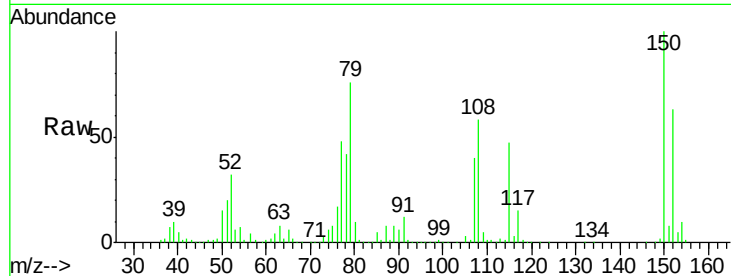




#15
Benzyl Alcohol
Concen: 46.11 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

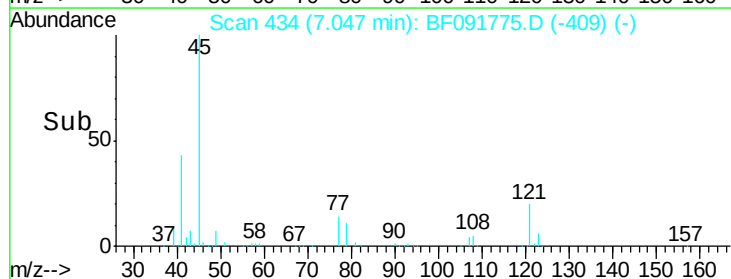
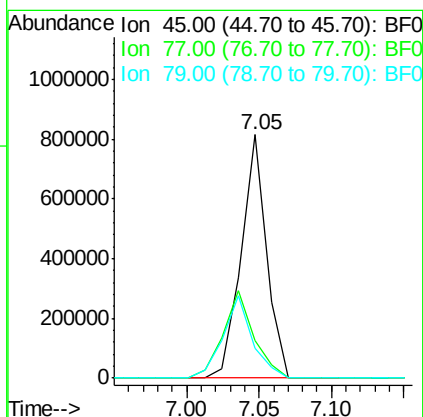
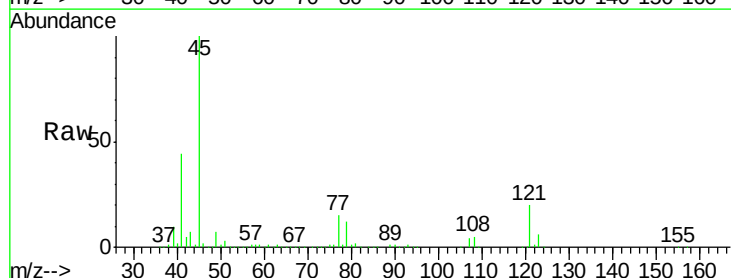
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

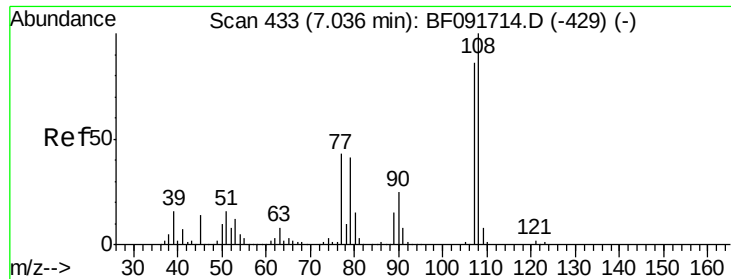
Tot Ion: 79 Resp: 581249
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 62.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.94 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion: 45 Resp: 984267
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 12.0 0.0 31.2

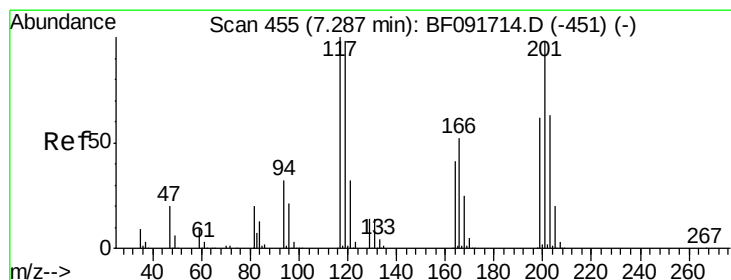
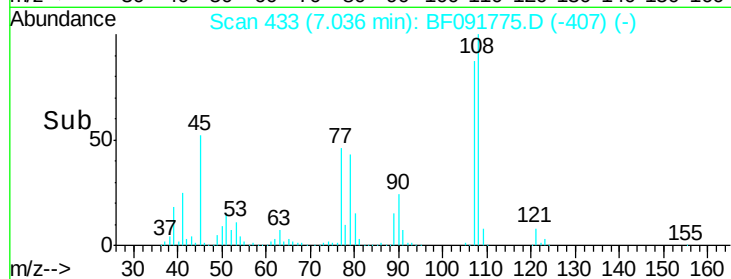
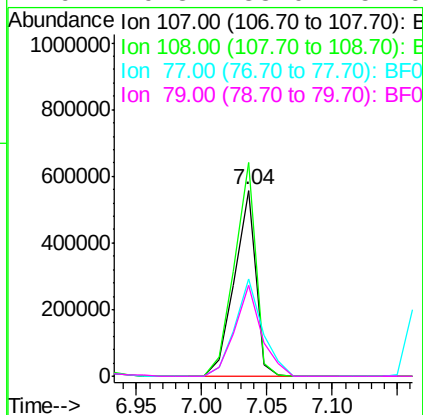
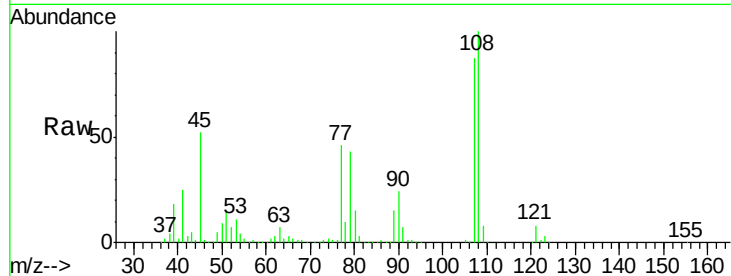




#17
2-Methylphenol
Concen: 51.30 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

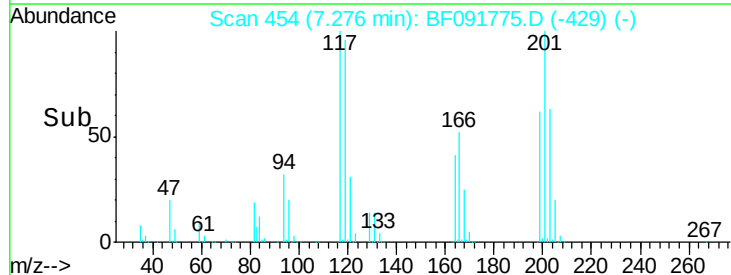
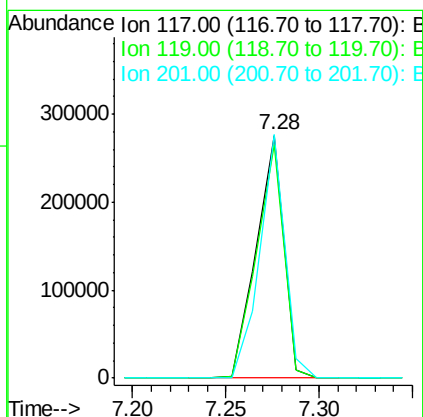
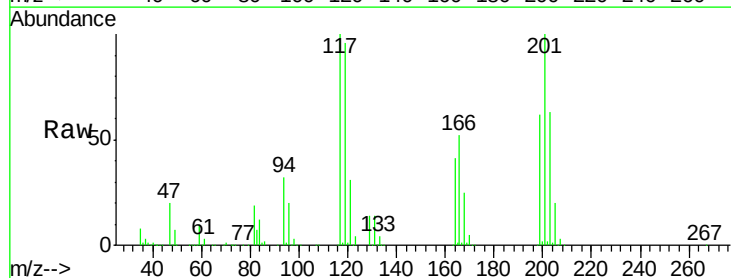
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

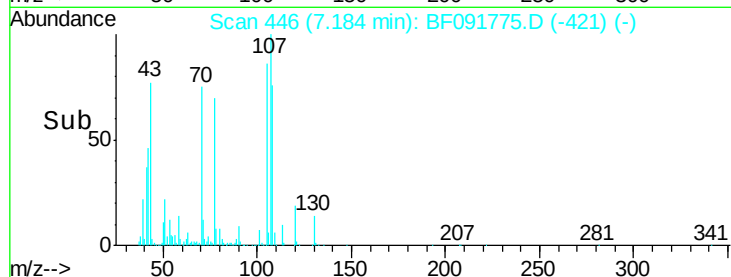
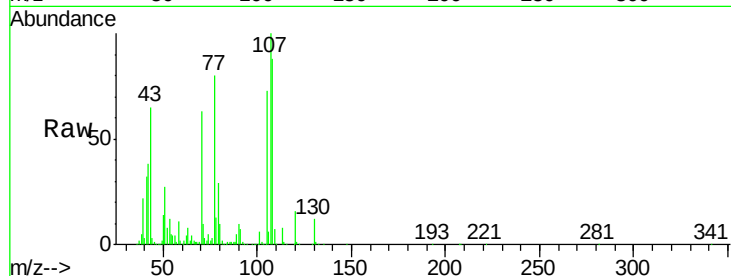
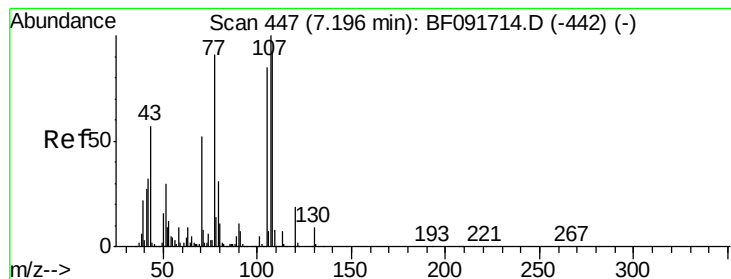
Tot Ion:	107	Resp:	629959
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.0	139.6
77	52.5	39.8	59.8
79	49.3	38.0	57.0



#18
Hexachloroethane
Concen: 46.16 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:	117	Resp:	280049
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	100.3	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.57 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

Tot Ion: 70 Resp: 493611

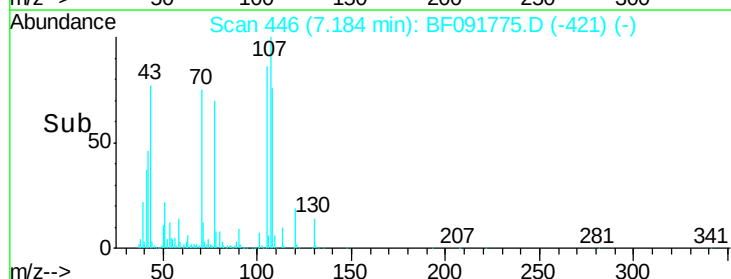
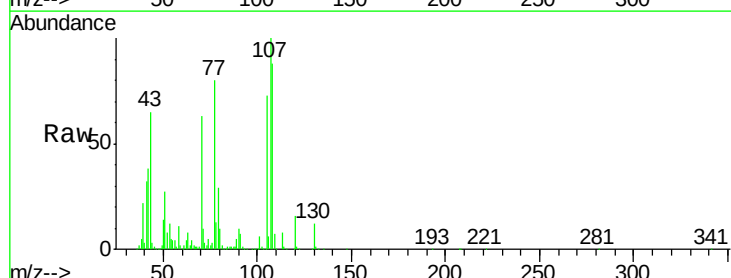
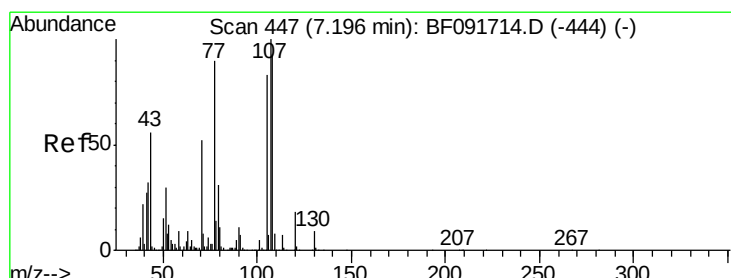
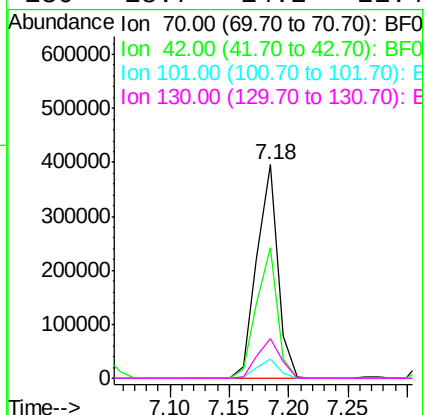
Ion Ratio Lower Upper

70 100

42 61.1 49.4 74.0

101 9.2 7.4 11.2

130 18.7 14.2 21.4



#20

3+4-Methylphenols

Concen: 52.46 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Tgt Ion: 107 Resp: 718596

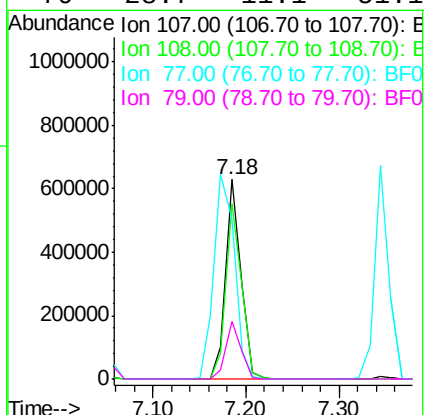
Ion Ratio Lower Upper

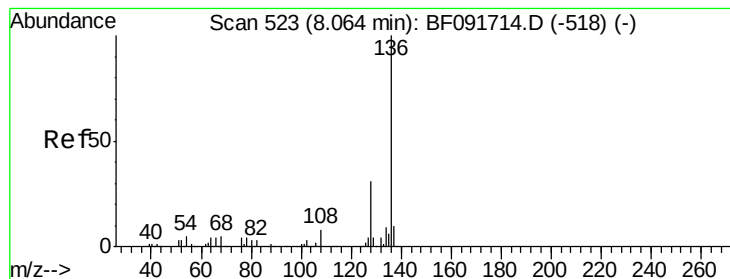
107 100

108 88.1 73.0 113.0

77 80.3 71.3 111.3

79 28.7 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

Tot Ion:136 Resp: 896362

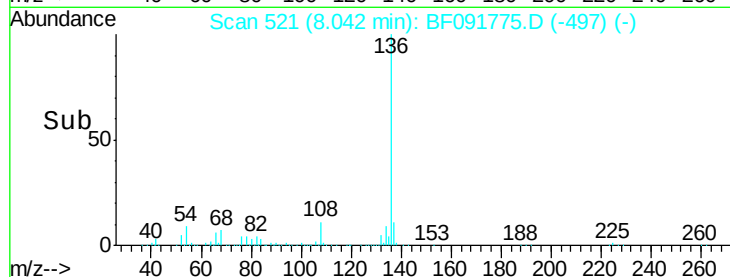
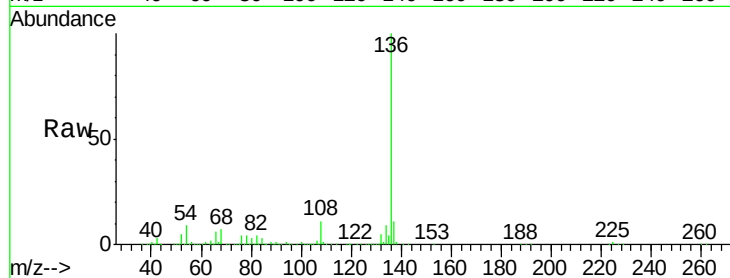
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.0 4.5 6.7#

68 6.9 3.6 5.4#



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

Time-->

8.04

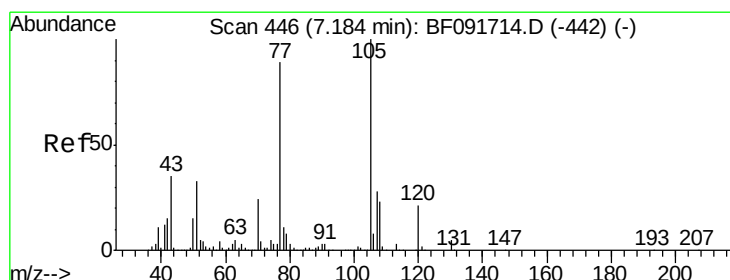
600000

400000

200000

0

8.00 8.05 8.10



#22

Acetophenone

Concen: 47.47 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Tgt Ion:105 Resp: 1027305

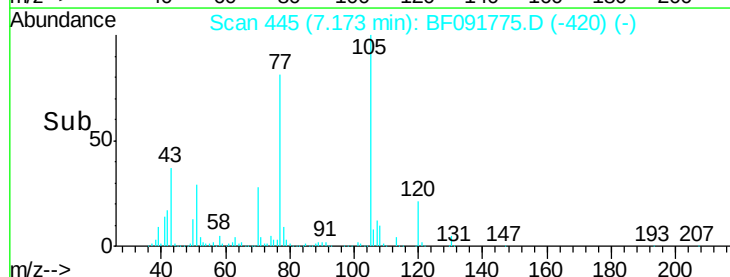
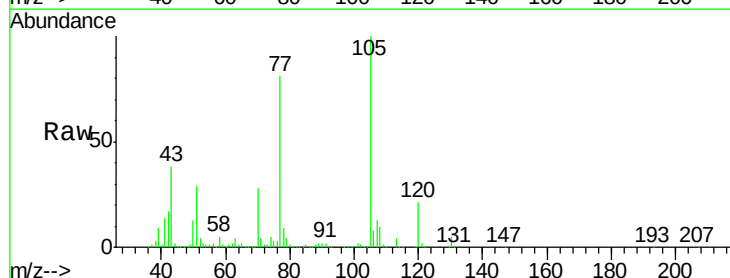
Ion Ratio Lower Upper

105 100

71 4.4 3.2 4.8

51 29.1 26.2 39.4

120 20.8 16.6 24.8



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

Time-->

7.17

800000

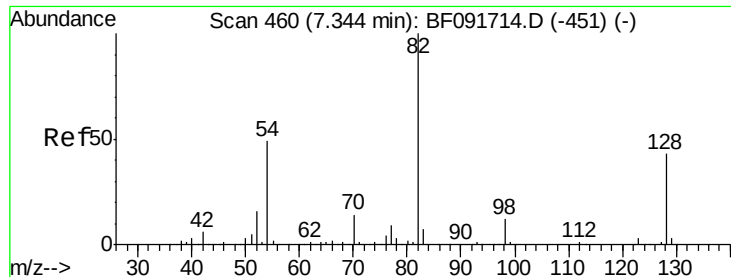
600000

400000

200000

0

7.10 7.20 7.30

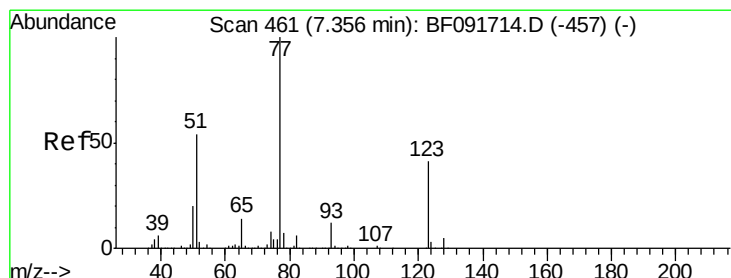
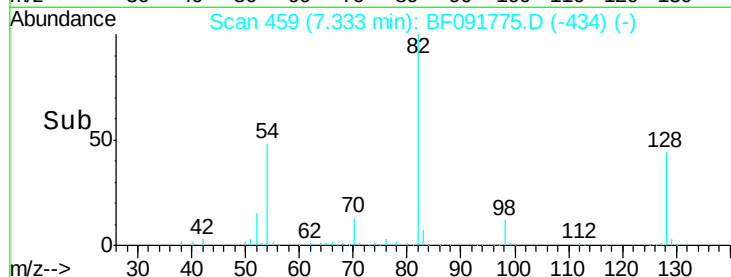
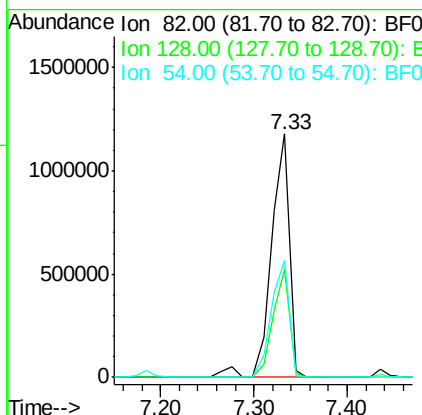
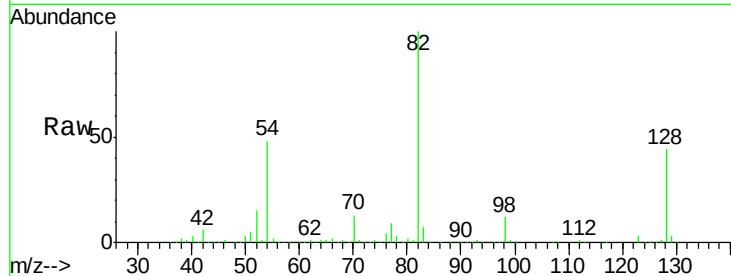


#23
 Nitrobenzene-d5
 Concen: 101.28 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Tot Ion: 82 Resp: 1574243

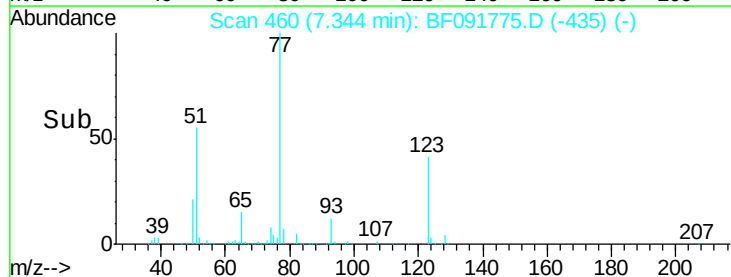
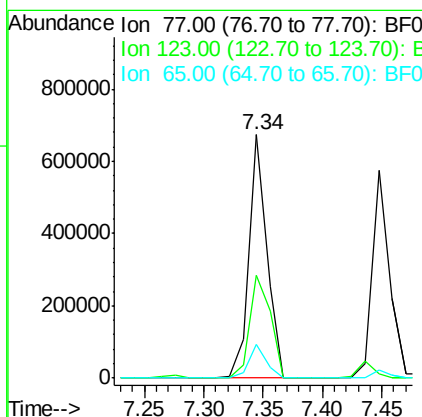
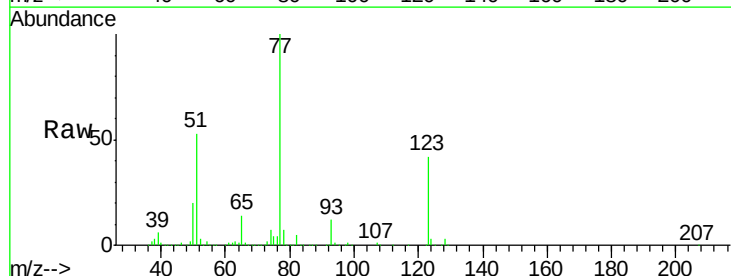
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	47.9	39.5	59.3

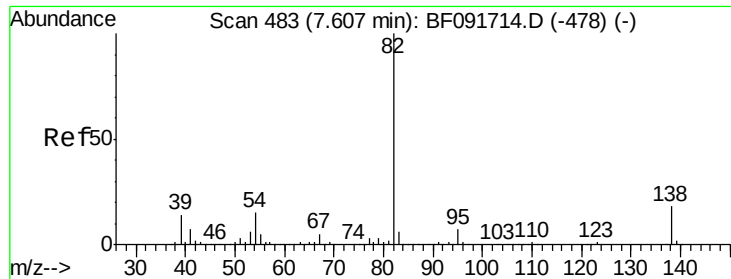


#24
 Nitrobenzene
 Concen: 42.71 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion: 77 Resp: 712962

Ion	Ratio	Lower	Upper
77	100		
123	42.3	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 49.71 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

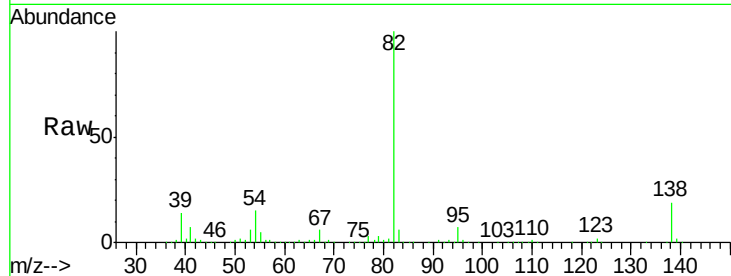
Tot Ion: 82 Resp: 1474136

Ion Ratio Lower Upper

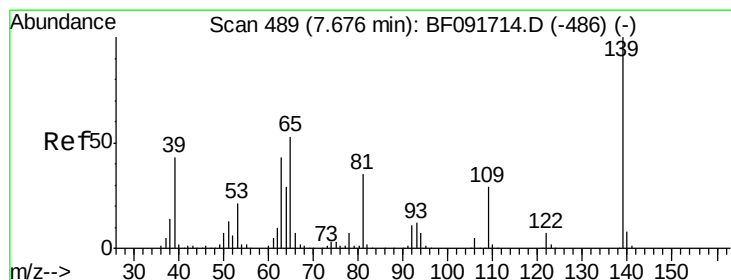
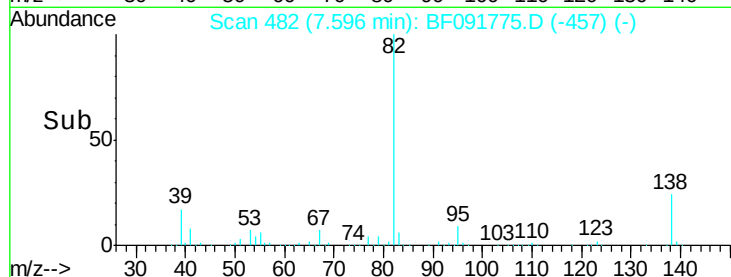
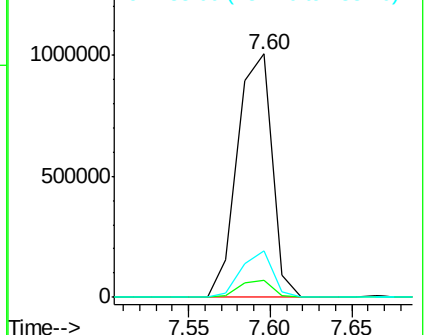
82 100

95 7.0 5.6 8.4

138 19.0 14.6 22.0



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: 48.07 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

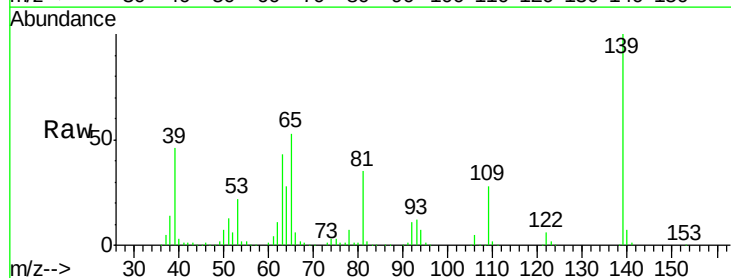
Tgt Ion: 139 Resp: 387078

Ion Ratio Lower Upper

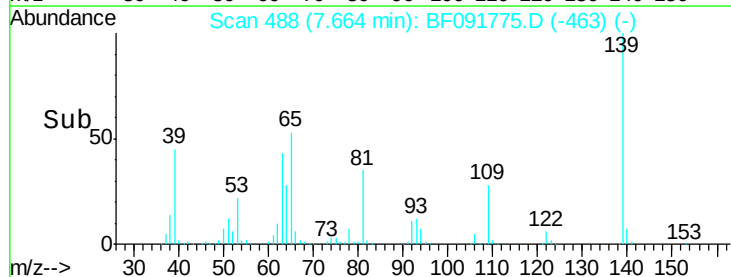
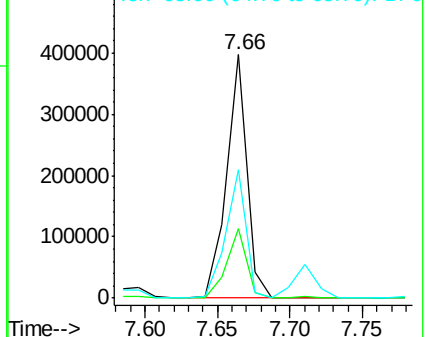
139 100

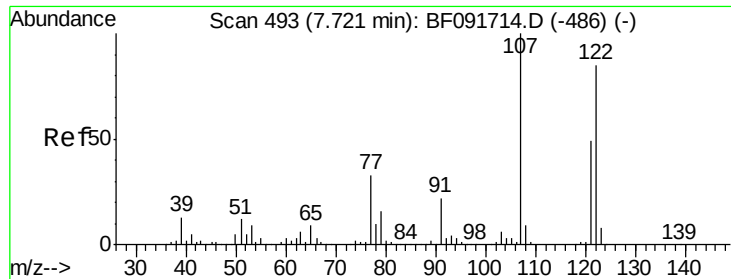
109 28.3 23.3 34.9

65 52.6 42.7 64.1



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

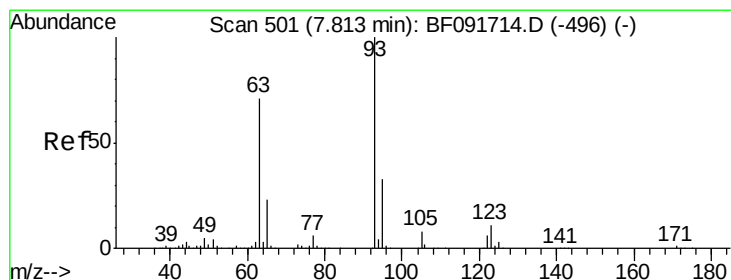
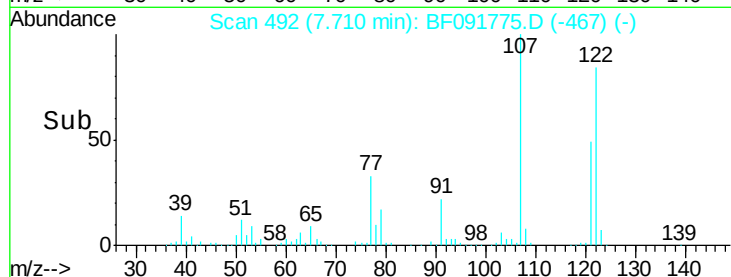
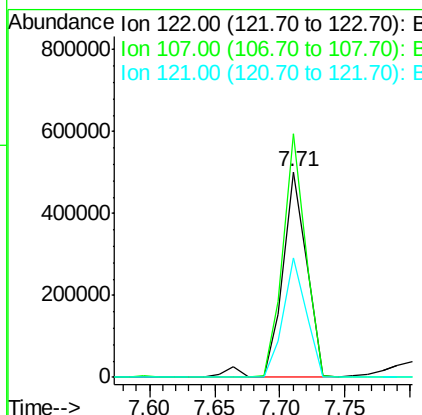
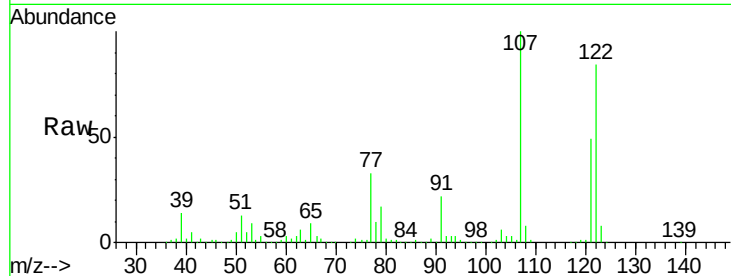




#27
 2,4-Dimethylphenol
 Concen: 49.48 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

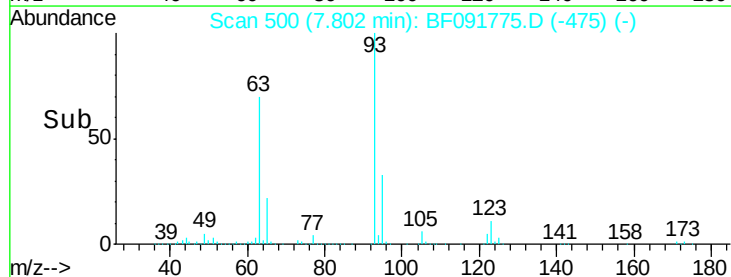
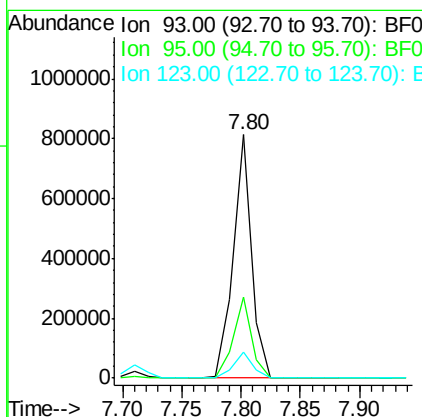
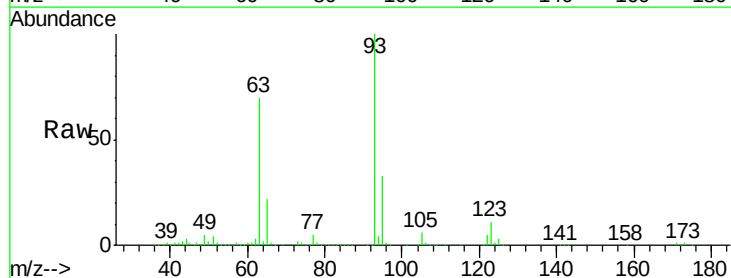
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

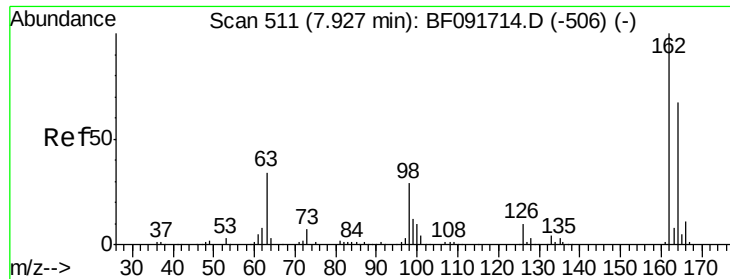
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.1	141.1
121	58.0	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.30 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	10.8	8.6	13.0

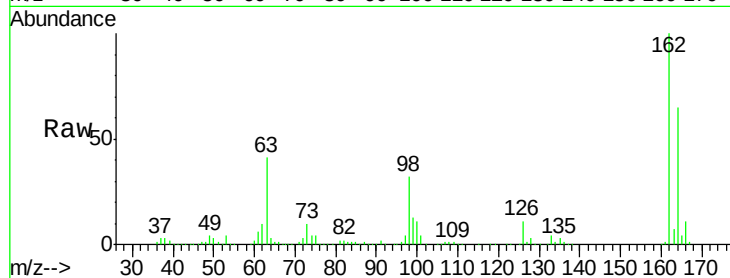




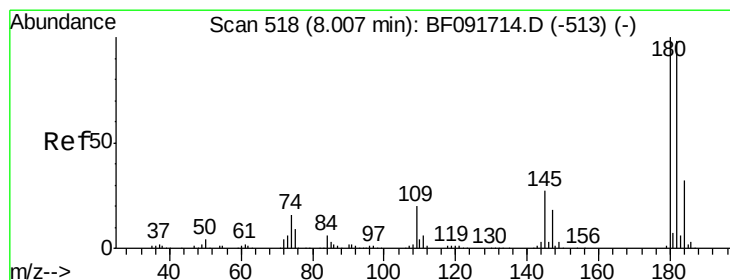
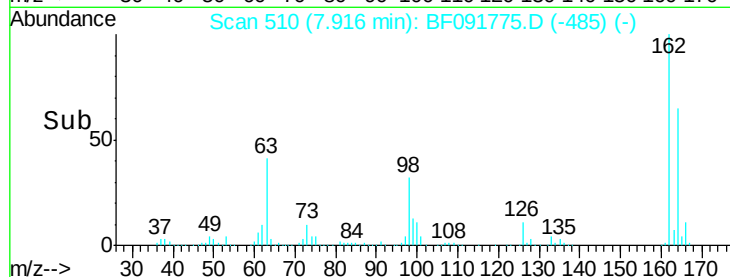
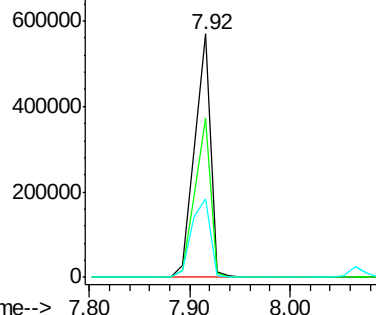
#29
 2,4-Dichlorophenol
 Concen: 51.88 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.8	86.8
98	32.0	9.1	49.1

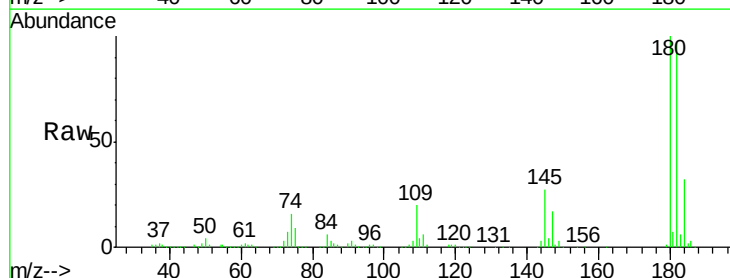


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

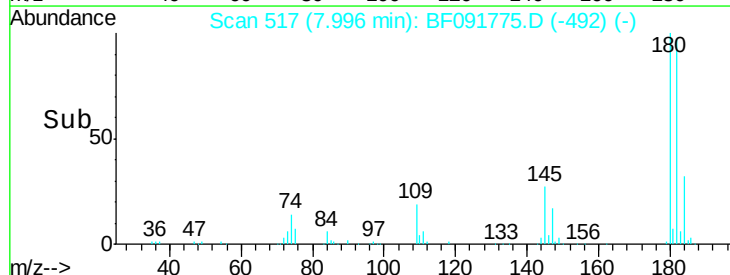
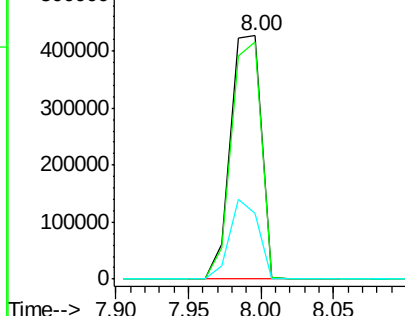


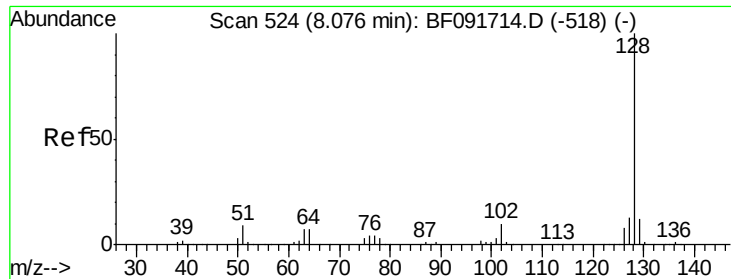
#30
 1,2,4-Trichlorobenzene
 Concen: 47.83 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.2	117.4
145	27.0	21.6	32.4



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

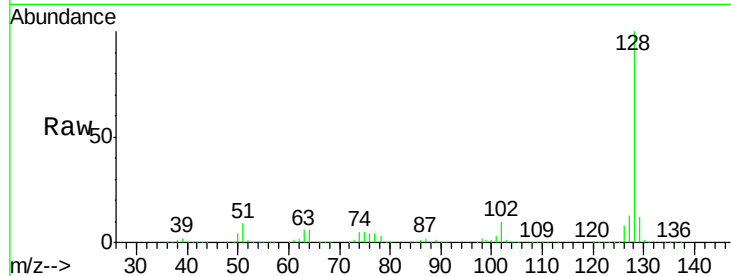




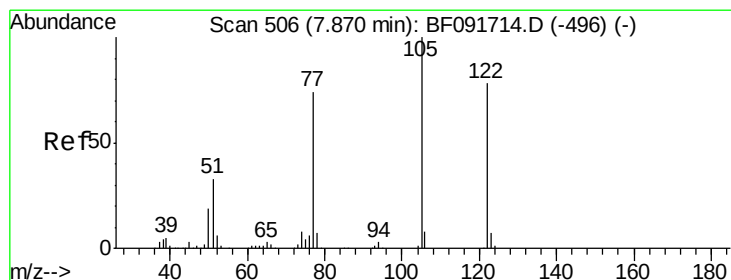
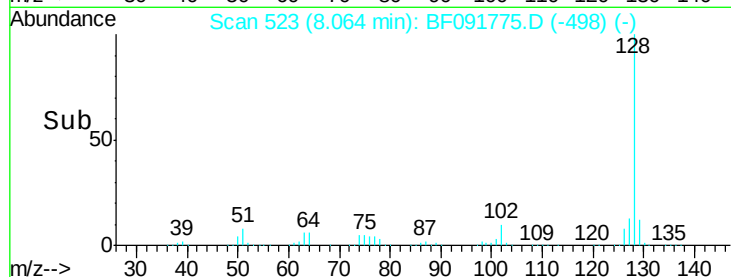
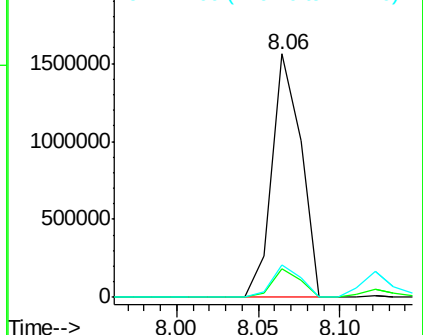
#31
Naphthalene
Concen: 45.49 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

Tot Ion:128 Resp: 1948159
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.4 10.8 16.2

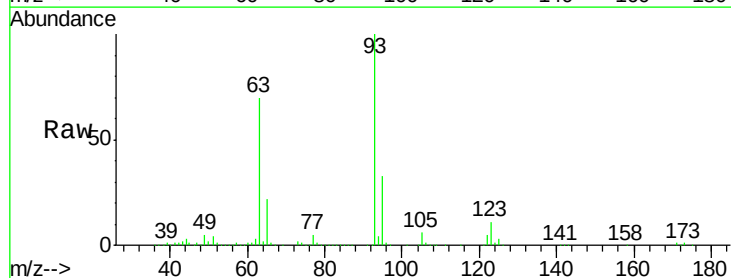


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

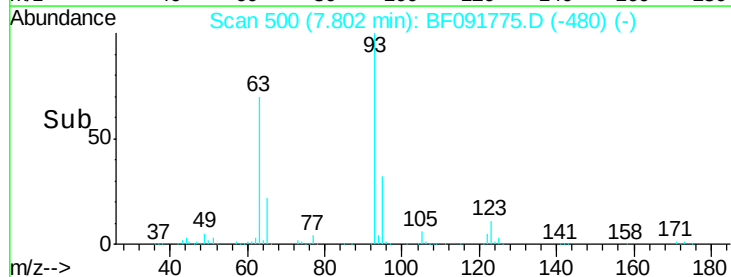
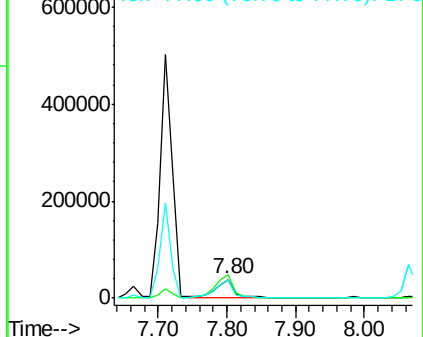


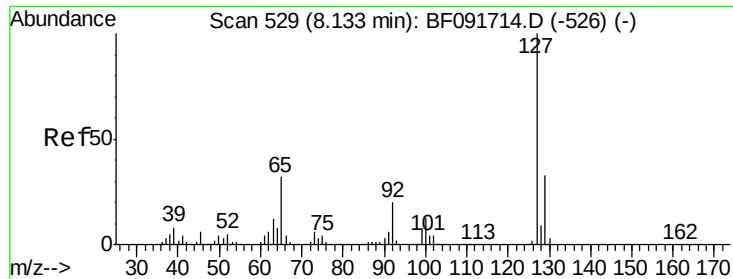
#32
Benzoic acid
Concen: 8.08 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:122 Resp: 75623
Ion Ratio Lower Upper
122 100
105 128.1 107.2 147.2
77 98.6 74.5 114.5



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

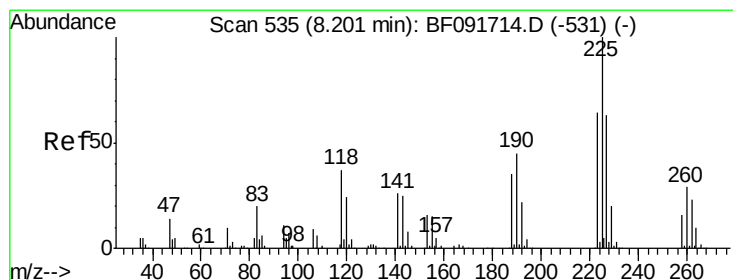
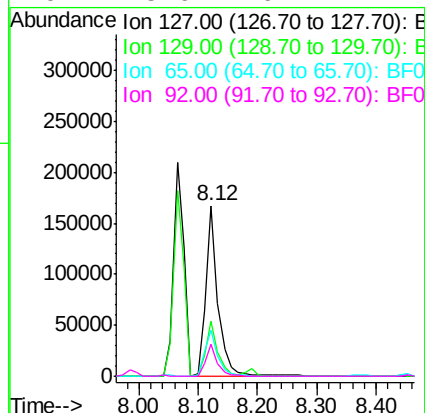
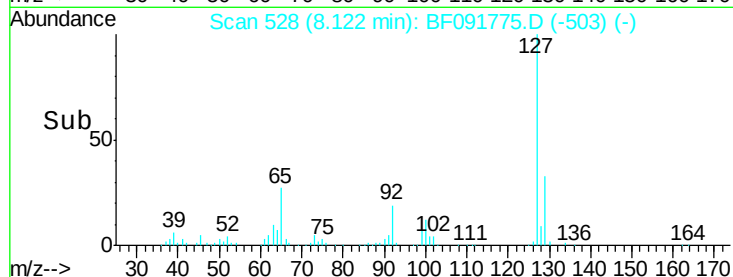
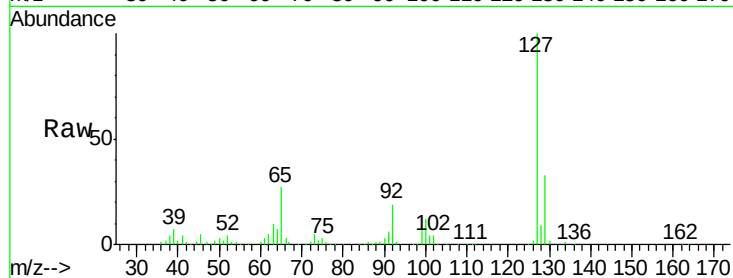




#33
4-Chloroaniline
Concen: 13.54 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

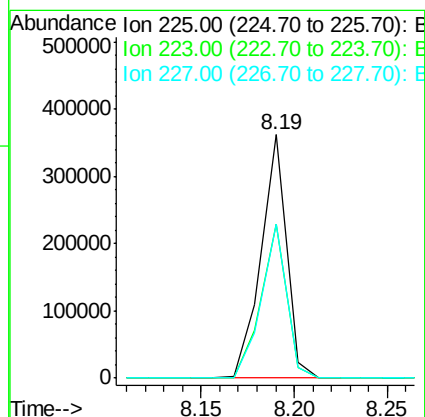
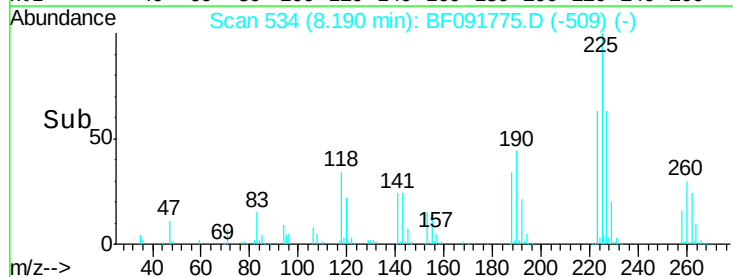
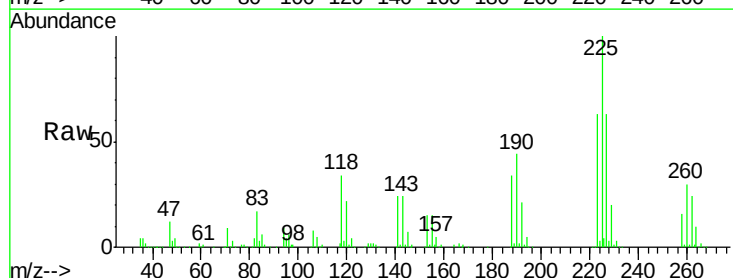
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

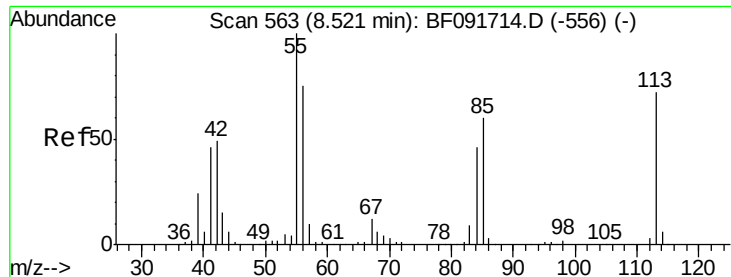
Tot Ion:	127	Resp:	244303
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	27.2	25.8	38.8
92	18.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.14 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:	225	Resp:	340568
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.5	50.6	76.0

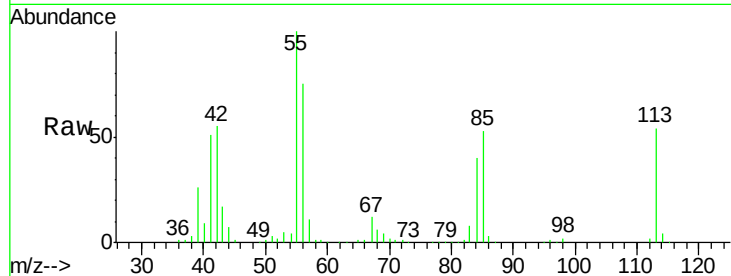




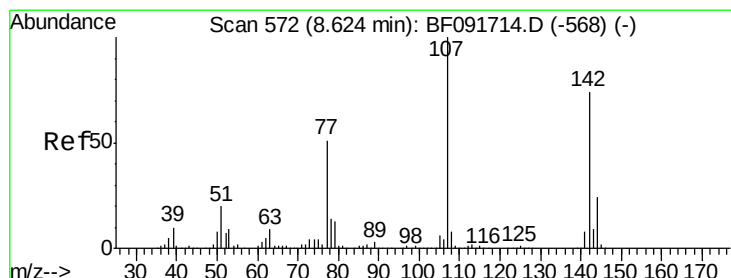
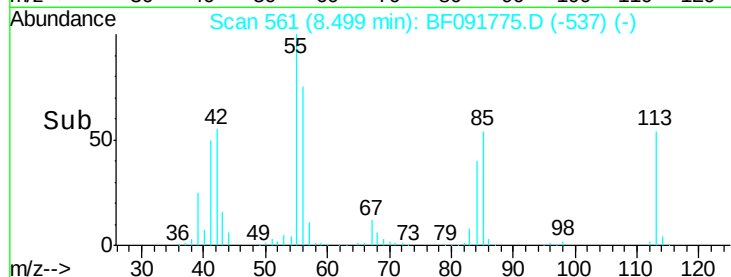
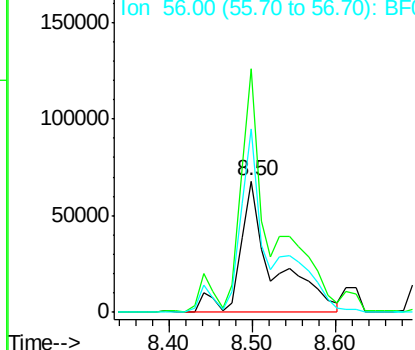
#35
 Caprolactam
 Concen: 49.21 ng/ml
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Tot Ion:113 Resp: 191831
 Ion Ratio Lower Upper
 113 100
 55 185.1 119.2 159.2#
 56 139.0 83.8 123.8#

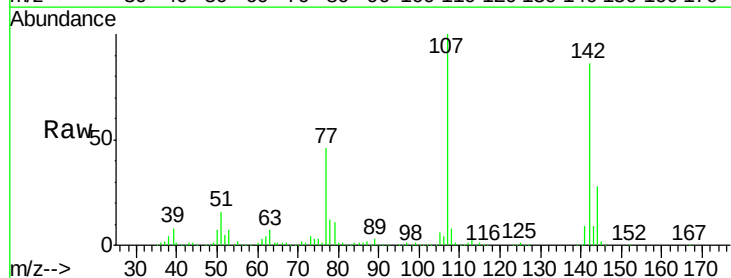


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

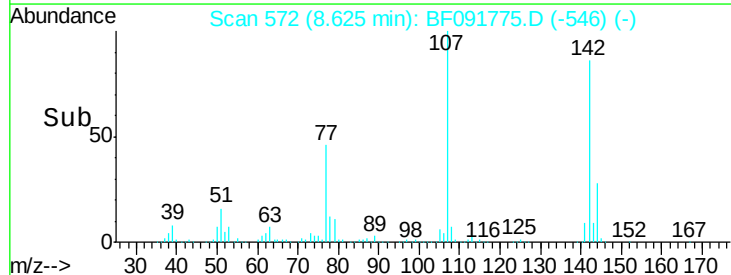
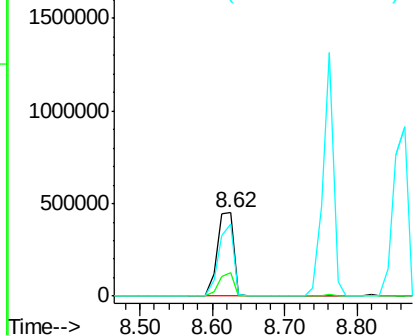


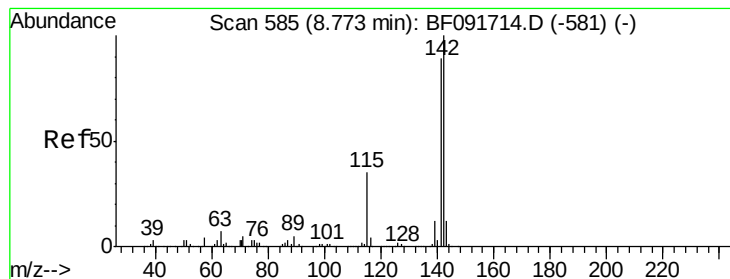
#36
 4-Chloro-3-methylphenol
 Concen: 52.93 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:107 Resp: 707429
 Ion Ratio Lower Upper
 107 100
 144 27.7 19.3 28.9
 142 86.2 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

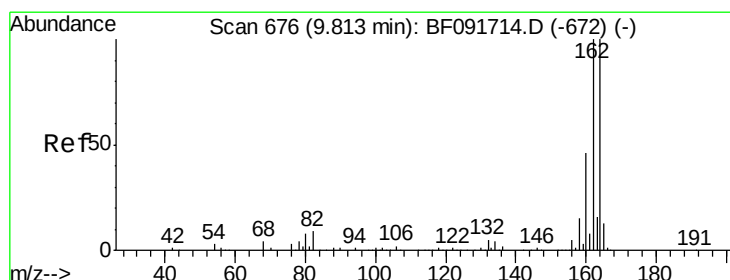
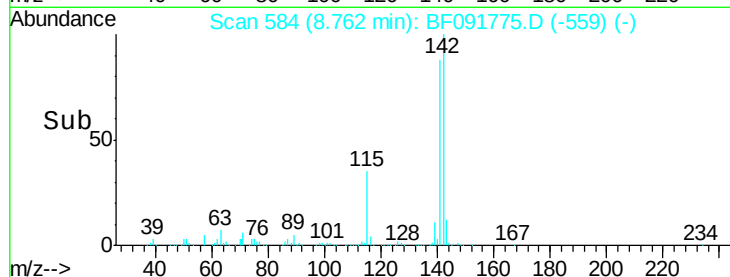
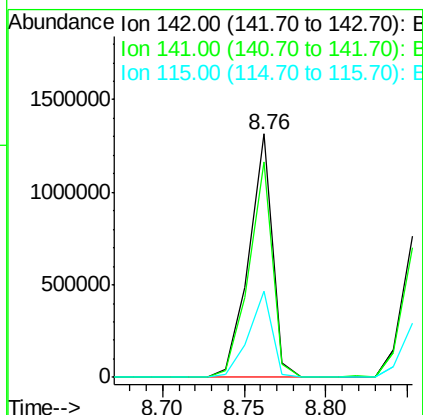
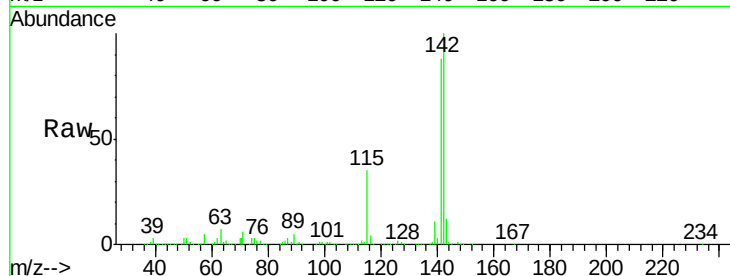




#37
 2-Methylnaphthalene
 Concen: 49.03 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

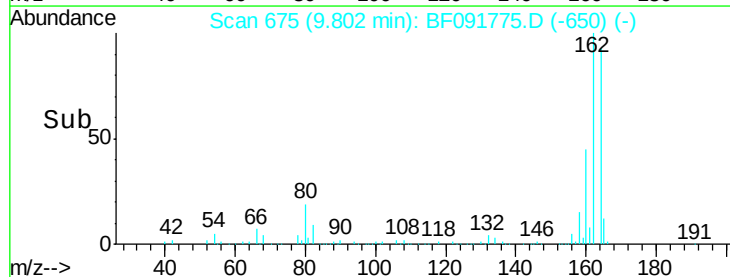
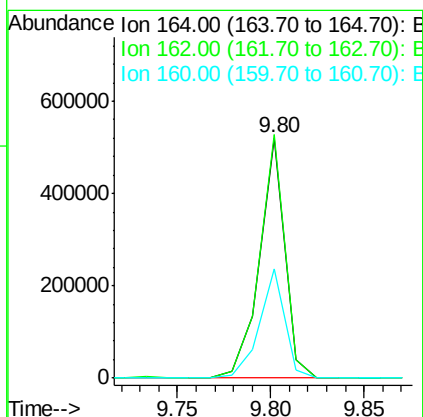
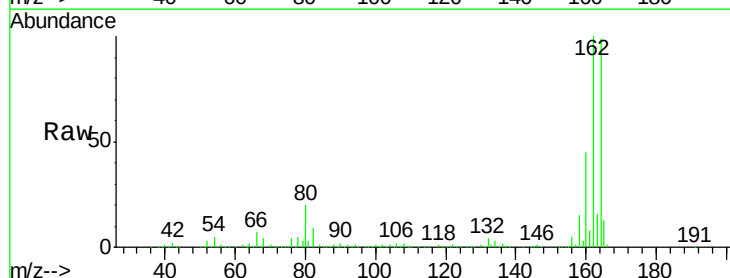
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

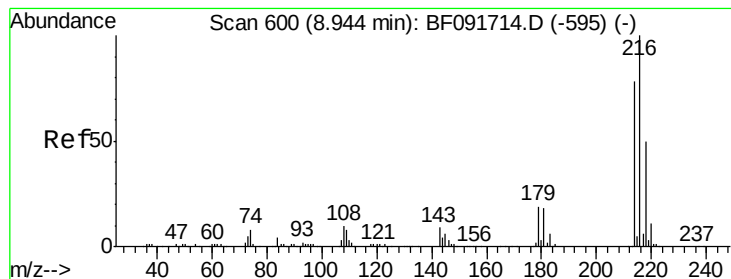
Tot Ion:142 Resp: 1323768
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.6
 115 35.4 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:164 Resp: 484497
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 45.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.08 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

Tot Ion:216 Resp: 568568

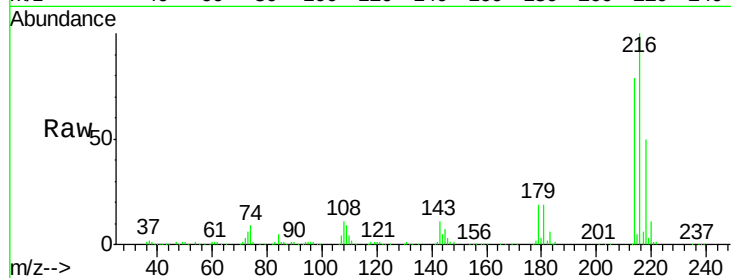
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 21.9 17.4 26.2

108 20.4 15.6 23.4

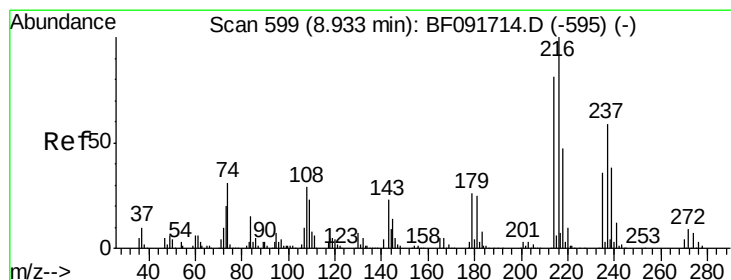
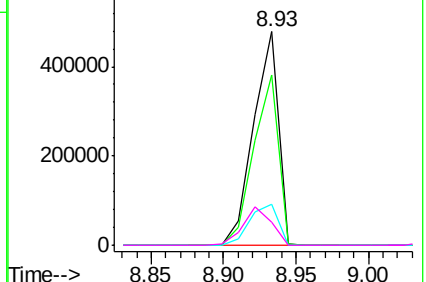
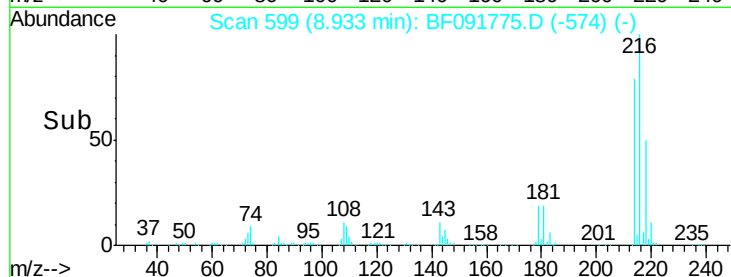


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.69 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

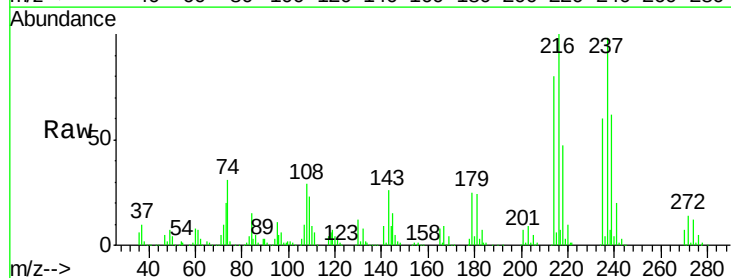
Tgt Ion:237 Resp: 402751

Ion Ratio Lower Upper

237 100

235 61.6 41.2 81.2

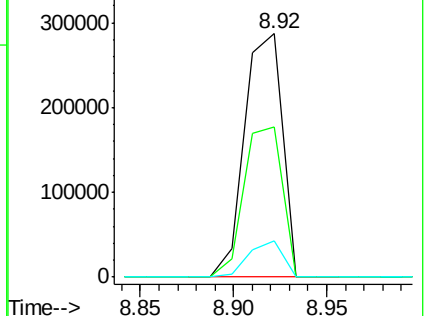
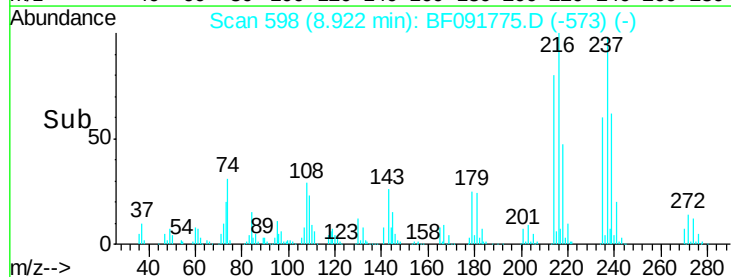
272 14.6 0.0 35.4

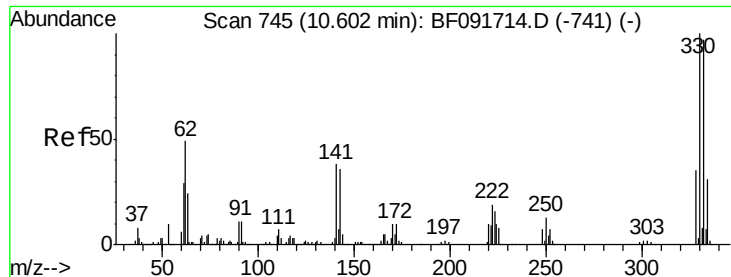


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

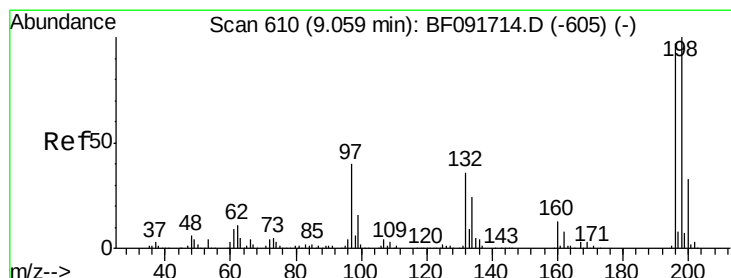
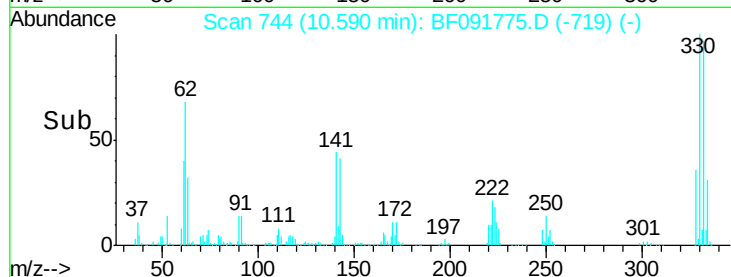
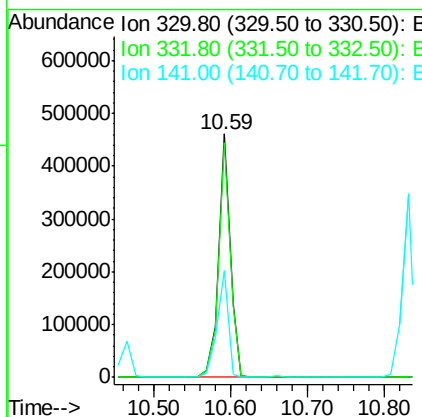
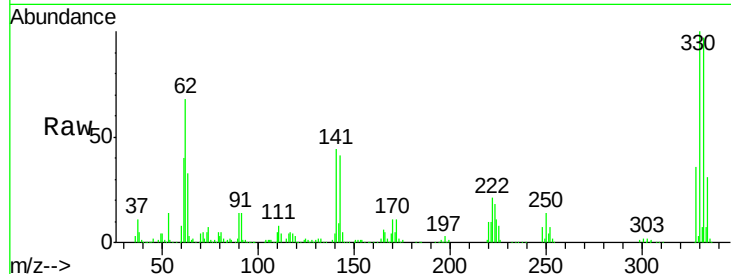




#41
 2,4,6-Tribromophenol
 Concen: 119.52 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

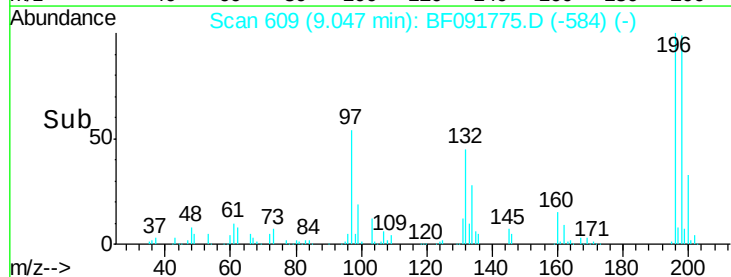
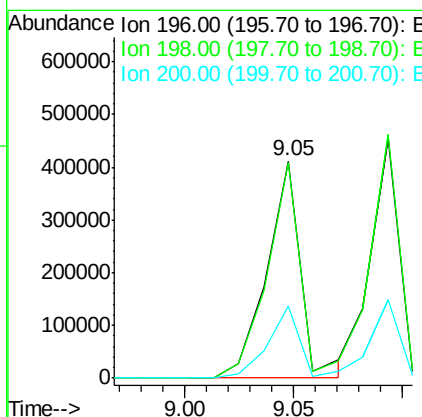
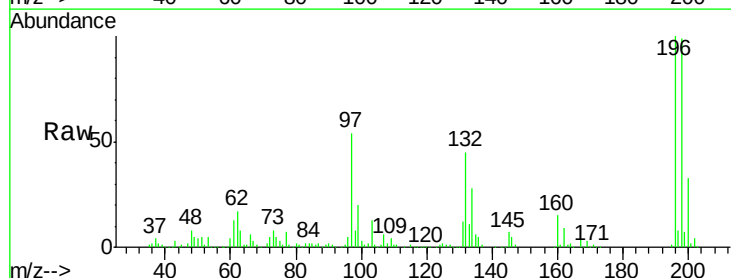
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

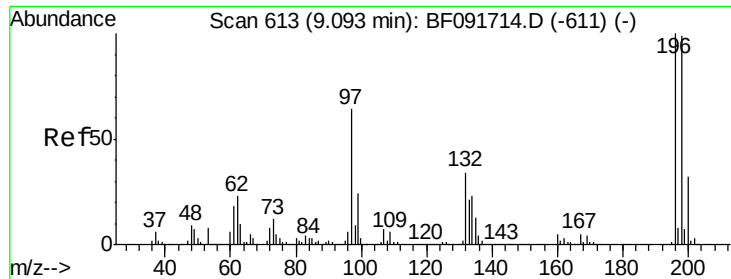
Tot Ion:330 Resp: 491013
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 41.5 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 52.29 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:196 Resp: 451209
 Ion Ratio Lower Upper
 196 100
 198 99.3 82.1 123.1
 200 33.1 27.0 40.4

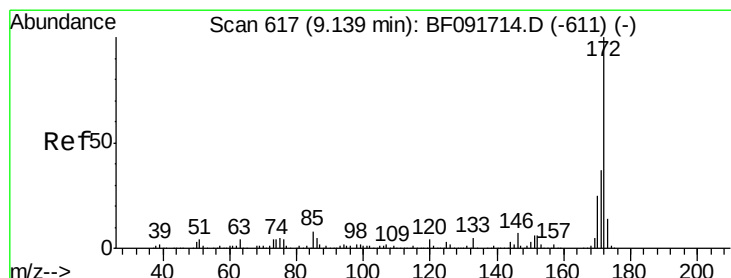
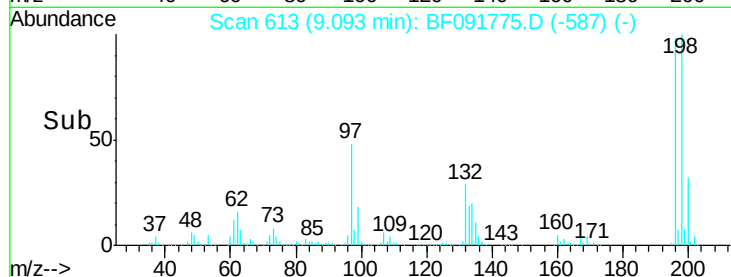
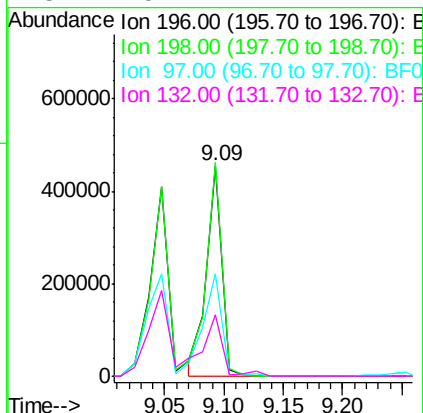
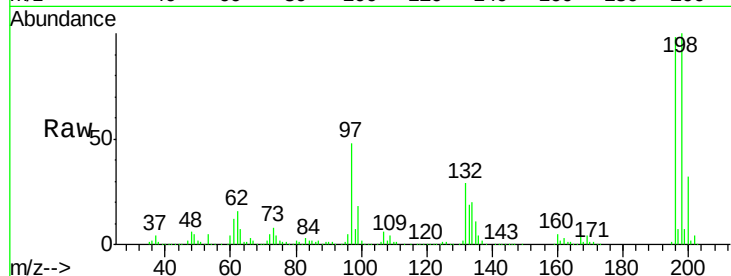




#43
 2,4,5-Trichlorophenol
 Concen: 48.75 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

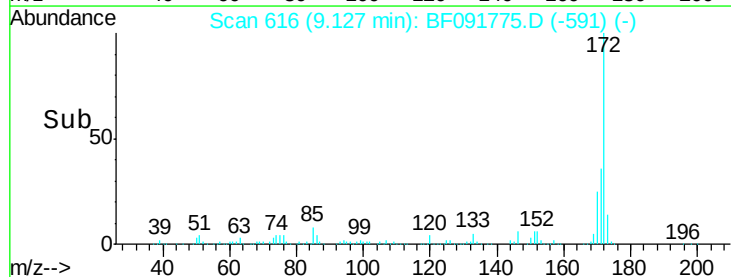
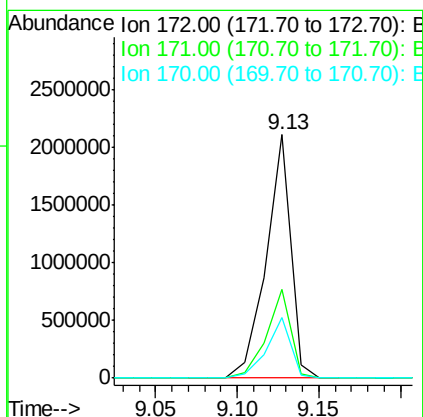
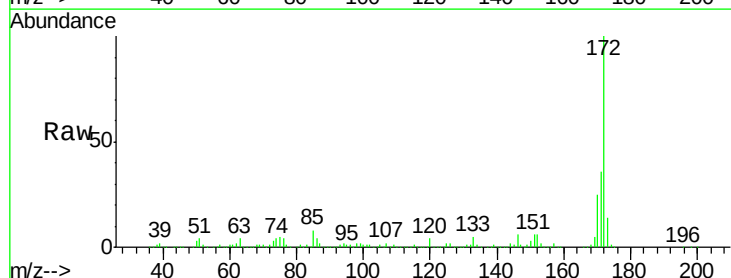
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

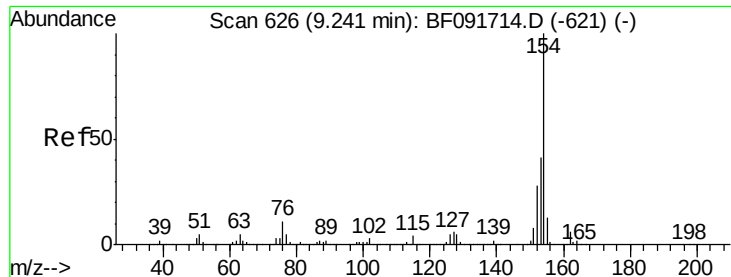
Tot Ion:196 Resp: 413262
 Ion Ratio Lower Upper
 196 100
 198 101.7 79.4 119.2
 97 48.8 51.5 77.3#
 132 29.4 27.4 41.2



#44
 2-Fluorobiphenyl
 Concen: 91.81 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:172 Resp: 2214149
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4





#45

1,1'-Biphenyl

Concen: 48.73 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

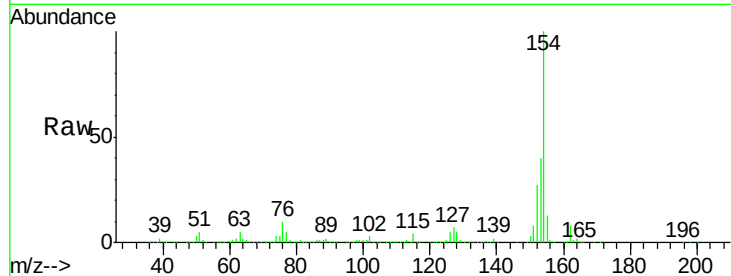
Tot Ion:154 Resp: 1692053

Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

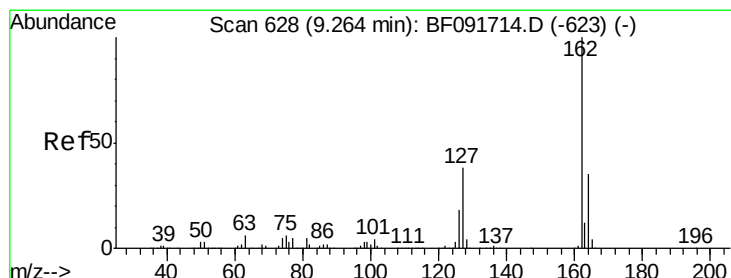
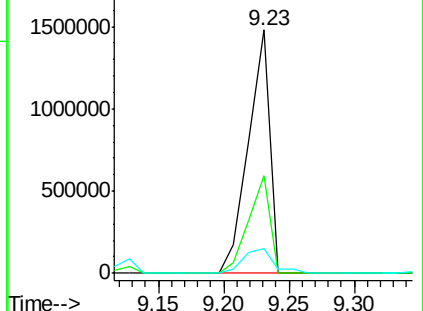
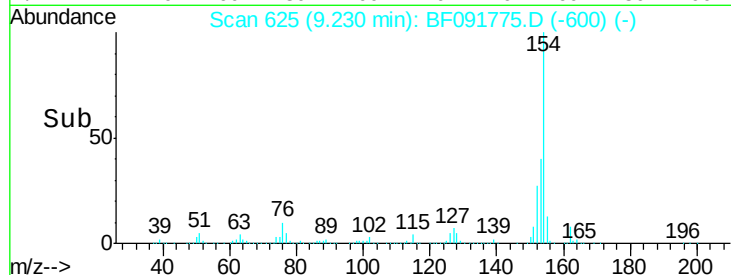
76 10.0 0.0 30.5



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: 48.81 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

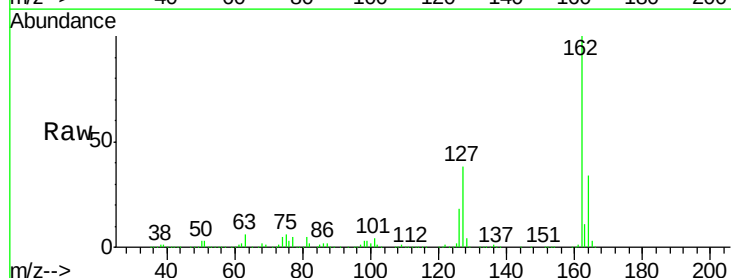
Tgt Ion:162 Resp: 1266621

Ion Ratio Lower Upper

162 100

127 38.3 30.7 46.1

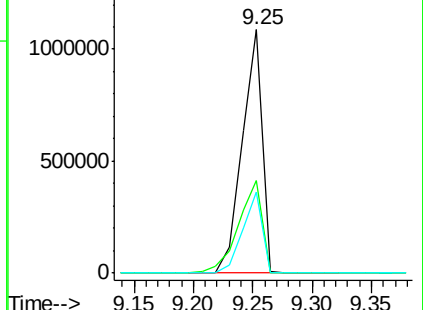
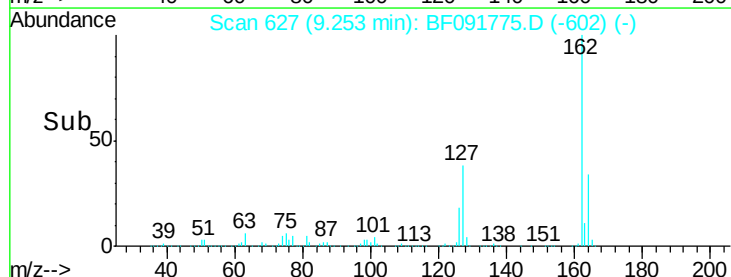
164 33.5 27.6 41.4

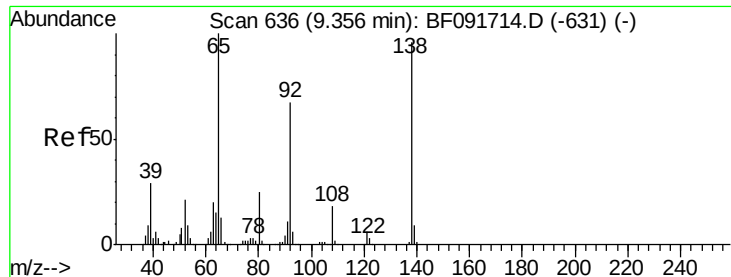


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

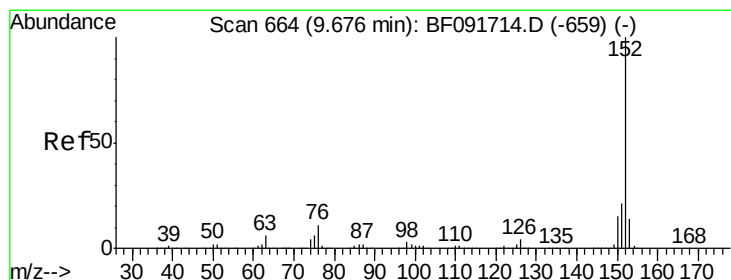
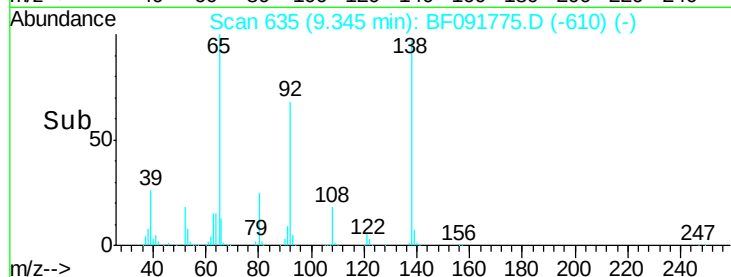
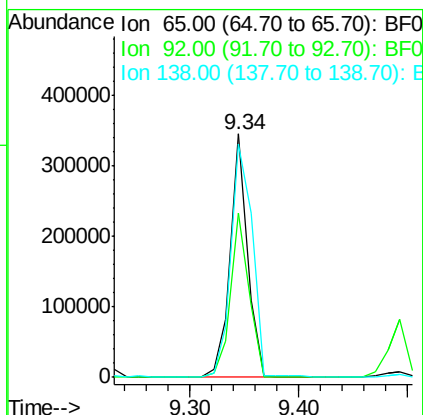
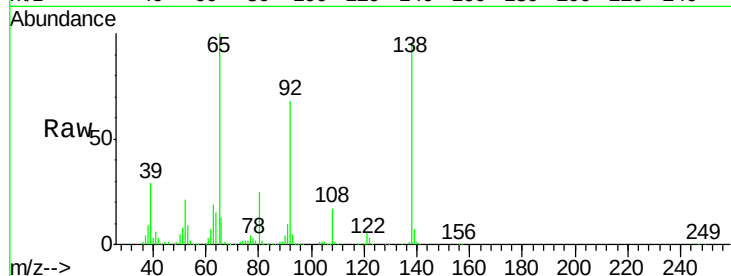




#47
2-Nitroaniline
Concen: 42.91 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

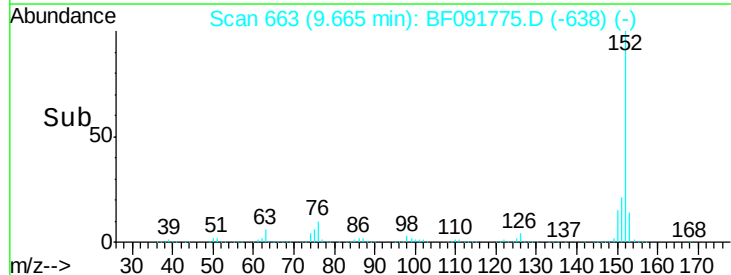
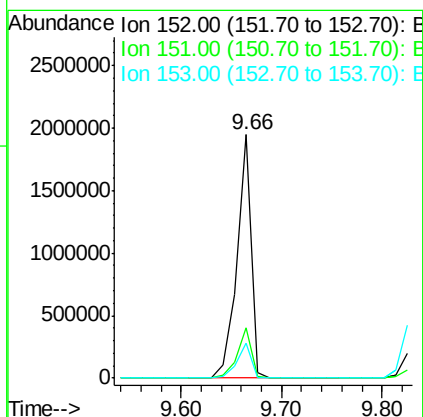
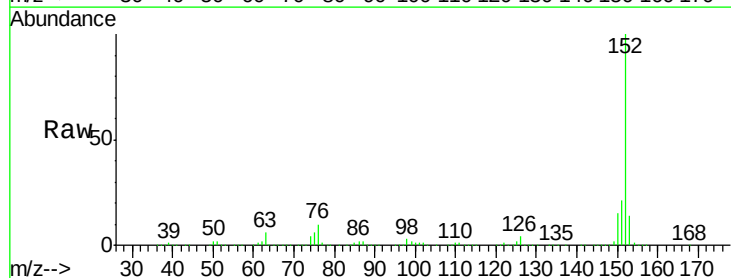
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

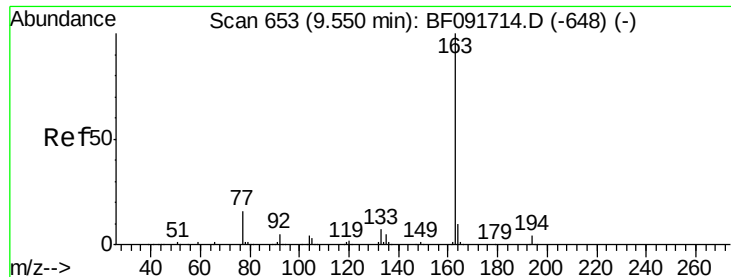
Tot Ion: 65 Resp: 380223
Ion Ratio Lower Upper
65 100
92 67.6 53.9 80.9
138 95.7 76.8 115.2



#48
Acenaphthylene
Concen: 47.27 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion: 152 Resp: 1900550
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.4 11.4 17.2

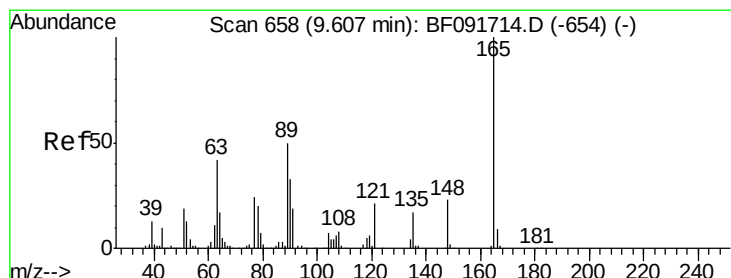
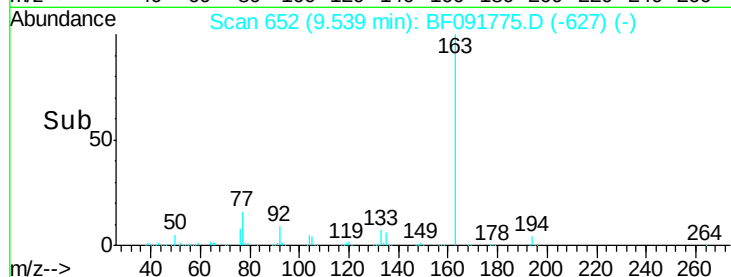
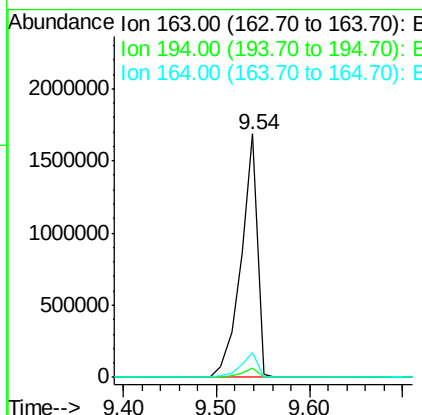
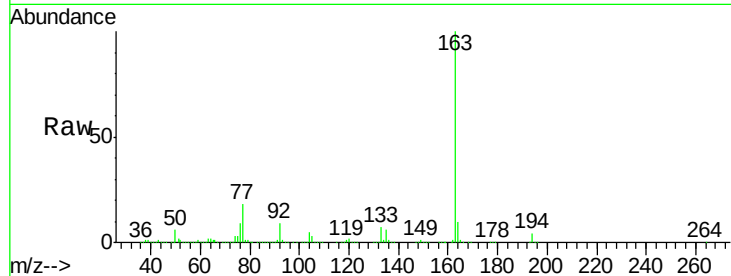




#49
Dimethylphthalate
Concen: 64.07 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

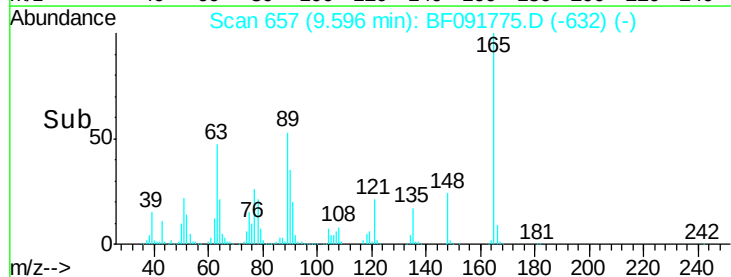
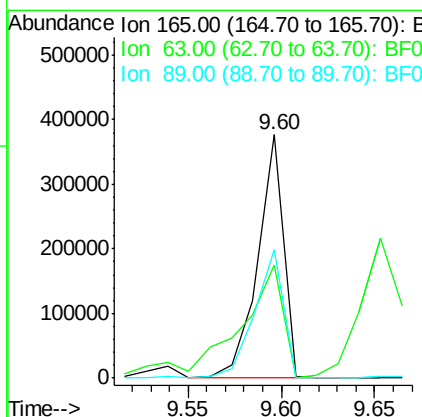
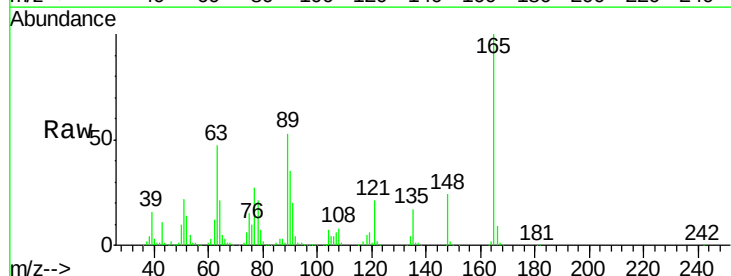
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

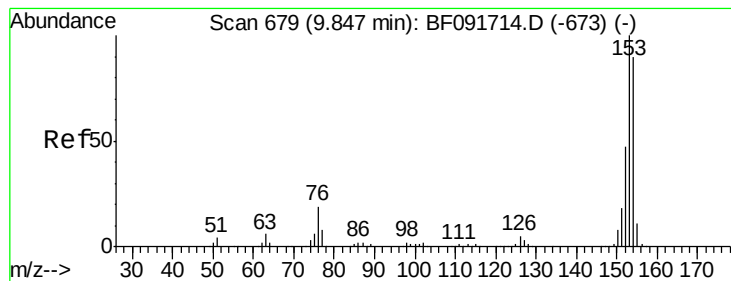
Tot Ion:163 Resp: 2027541
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 51.66 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:165 Resp: 358437
Ion Ratio Lower Upper
165 100
63 46.6 36.2 54.4
89 52.8 40.2 60.4





#51

Acenaphthene

Concen: 44.49 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

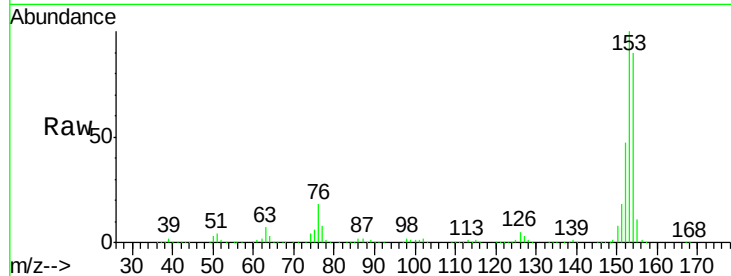
Tot Ion:154 Resp: 1227951

Ion Ratio Lower Upper

154 100

153 111.2 88.6 133.0

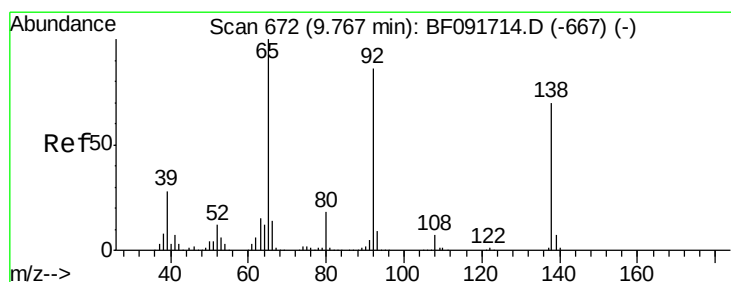
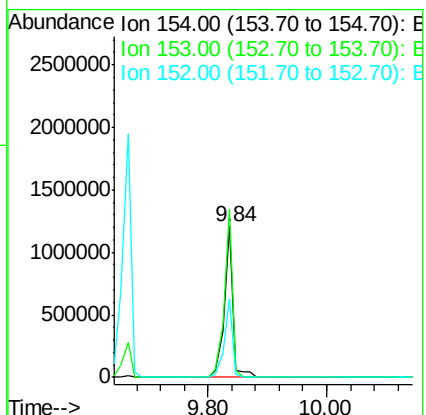
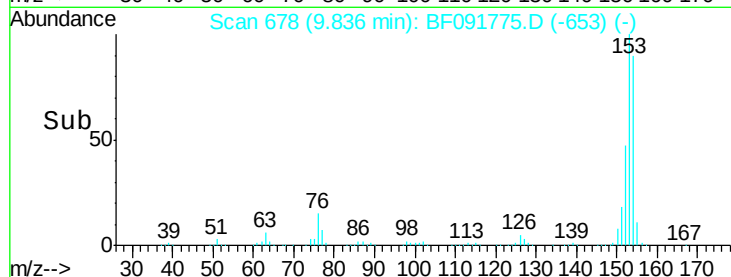
152 52.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.70 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

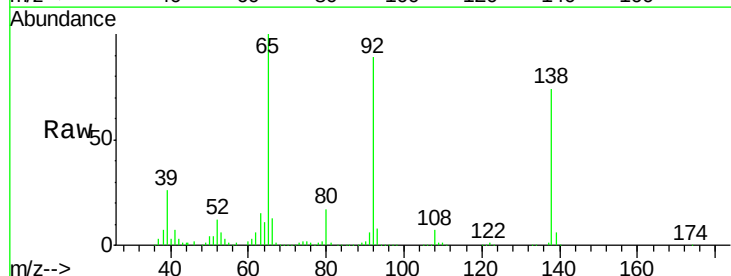
Tgt Ion:138 Resp: 187457

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

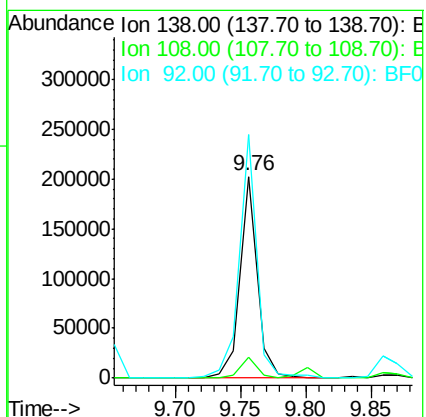
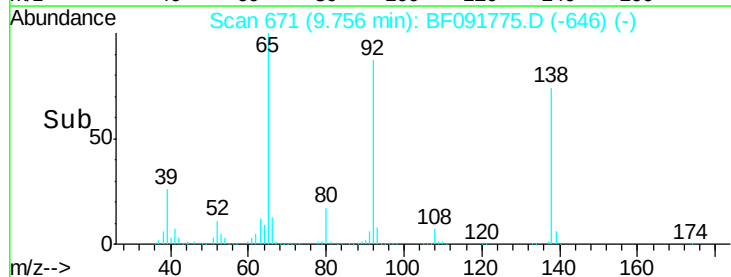
92 120.6 97.8 146.8

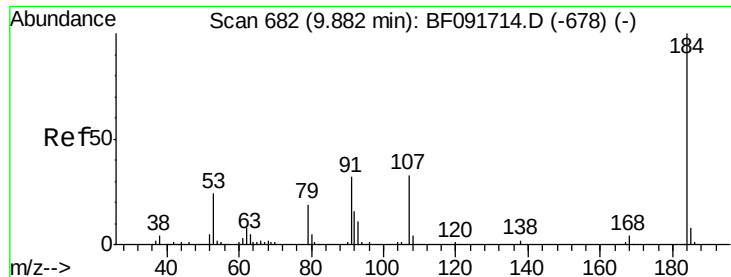


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

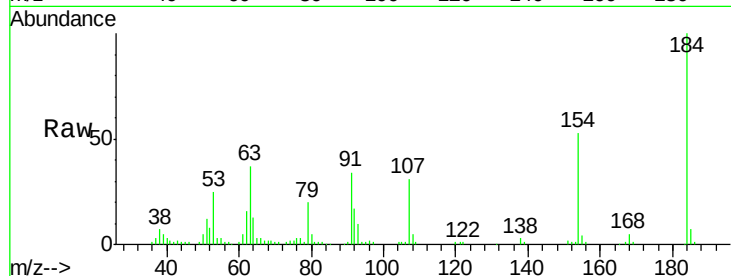




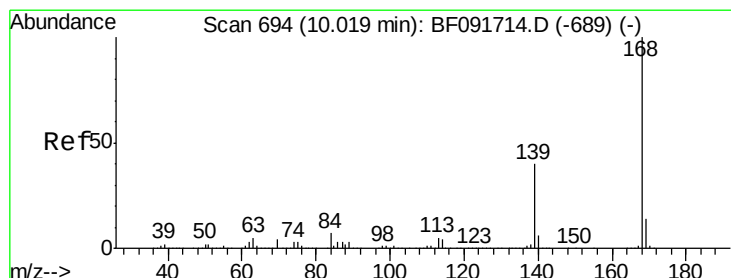
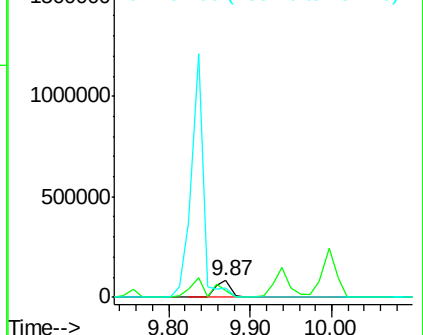
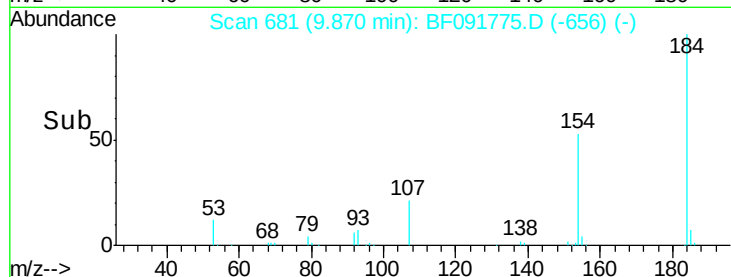
#53
2,4-Dinitrophenol
Concen: 29.64 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

Tot Ion:184 Resp: 111122
Ion Ratio Lower Upper
184 100
63 37.1 28.4 42.6
154 53.4 44.3 66.5

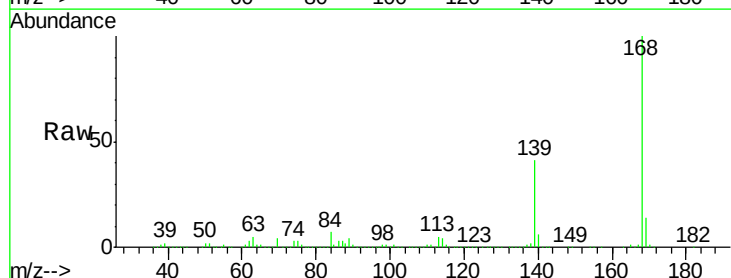


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

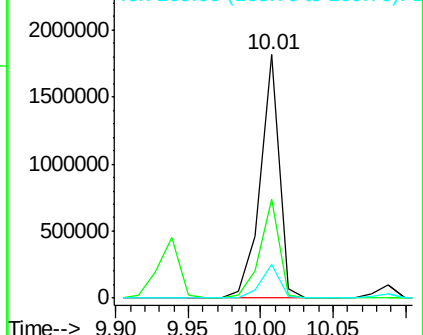
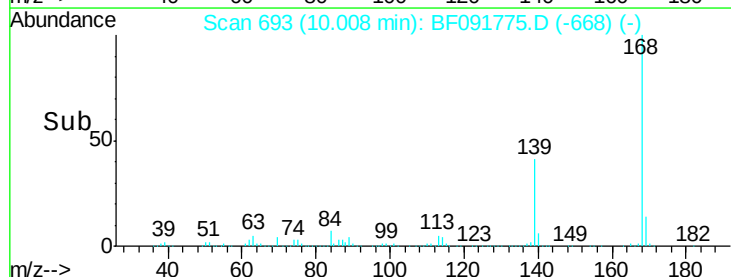


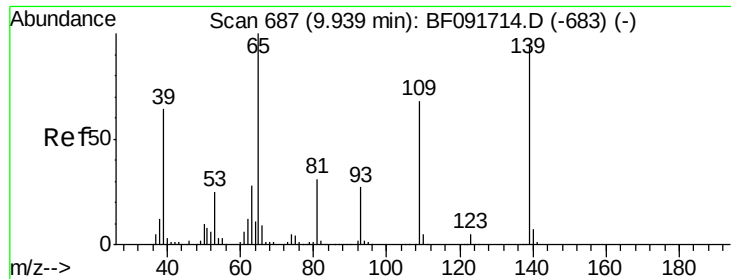
#54
Dibenzofuran
Concen: 50.22 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:168 Resp: 1647961
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 13.9 11.3 16.9



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: 80.60 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

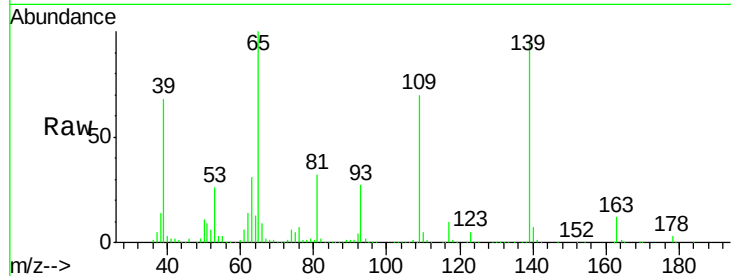
Tot Ion:139 Resp: 483558

Ion Ratio Lower Upper

139 100

109 73.0 52.2 92.2

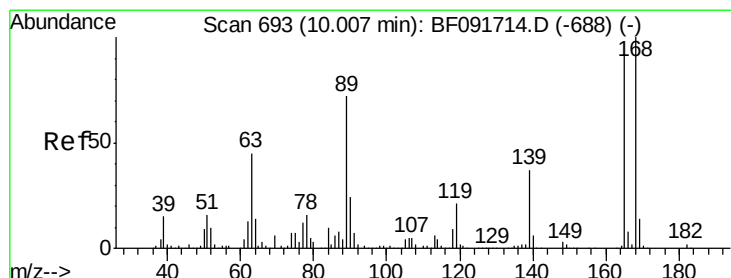
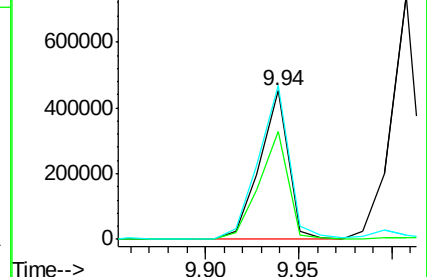
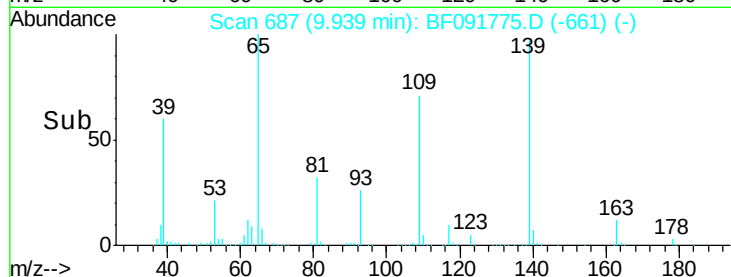
65 103.9 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.99 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Tgt Ion:165 Resp: 407329

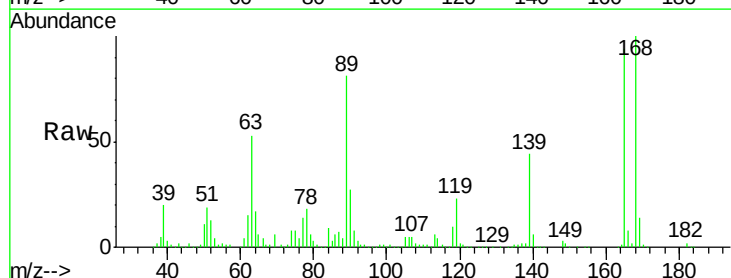
Ion Ratio Lower Upper

165 100

63 56.7 40.2 60.4

89 86.3 62.5 93.7

182 2.2 1.8 2.8

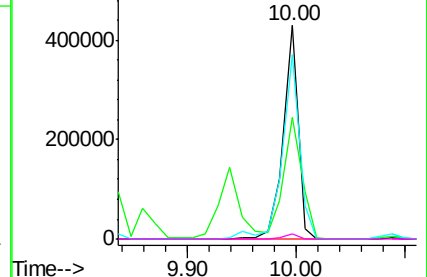
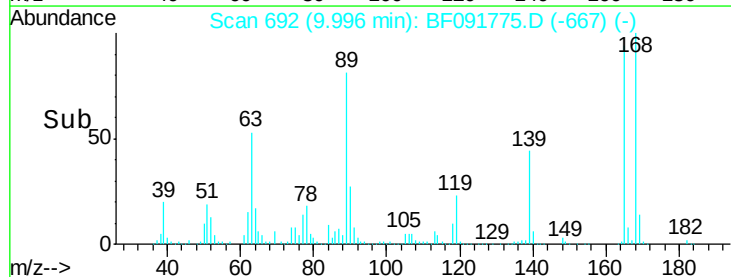


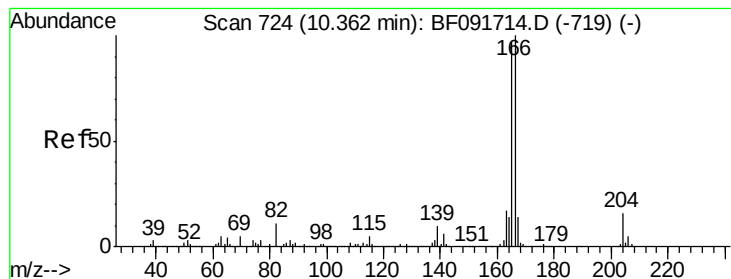
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.36 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

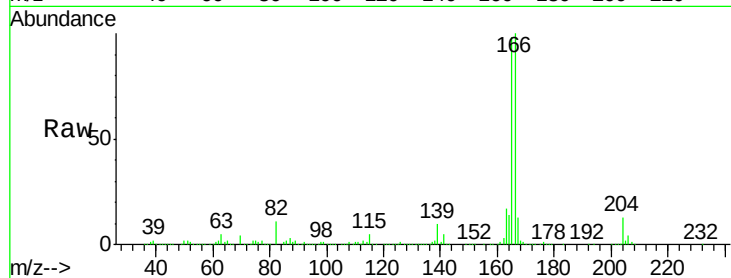
Tot Ion:166 Resp: 1309259

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

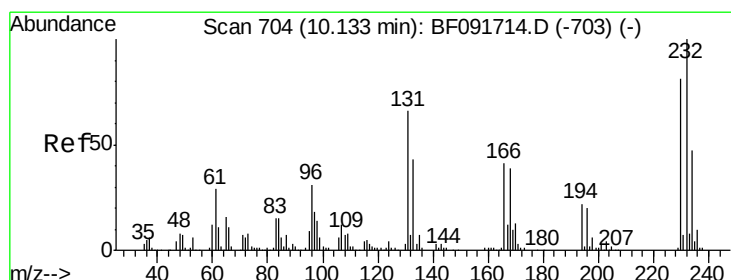
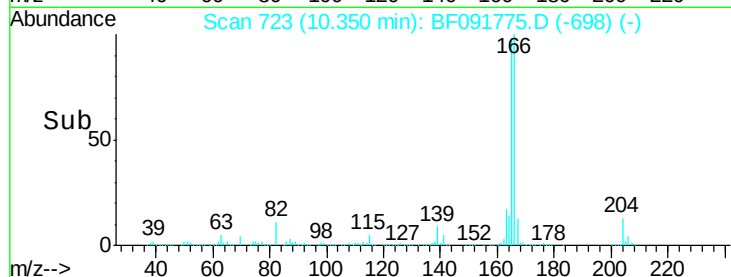
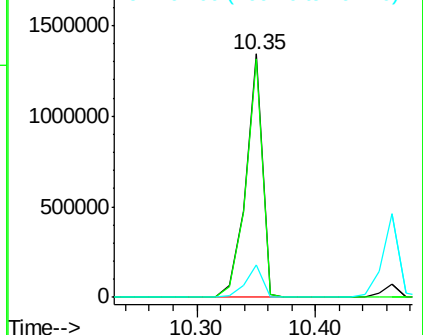
167 13.5 10.8 16.2



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: 48.76 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Tgt Ion:232 Resp: 341759

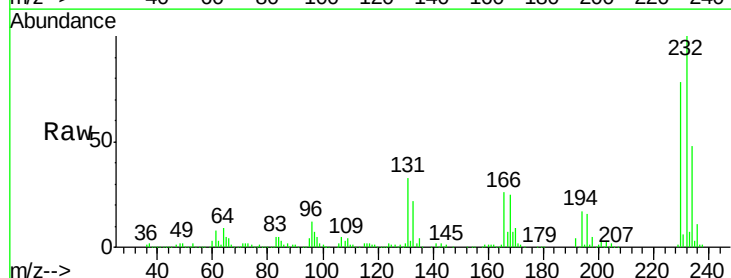
Ion Ratio Lower Upper

232 100

131 48.6 40.1 60.1

130 2.8 1.8 2.8#

166 32.5 26.6 39.8

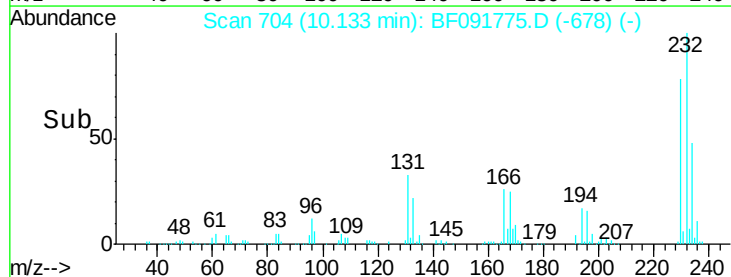
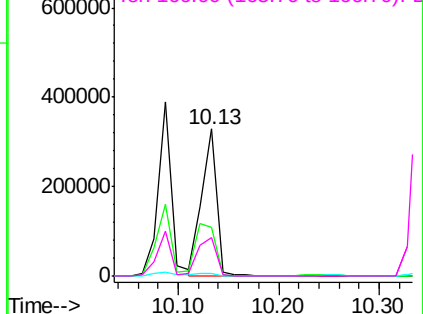


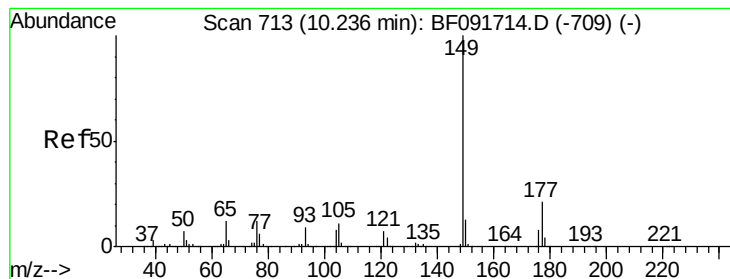
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.35 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

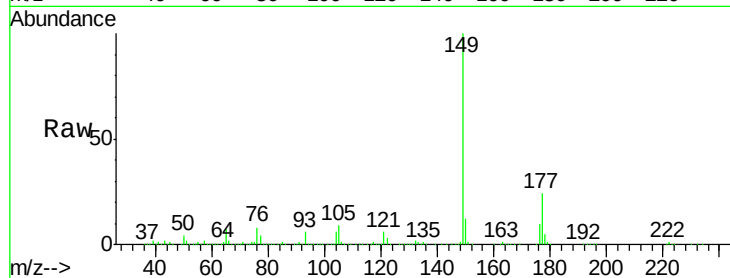
Tot Ion:149 Resp: 1473136

Ion Ratio Lower Upper

149 100

177 24.2 16.6 25.0

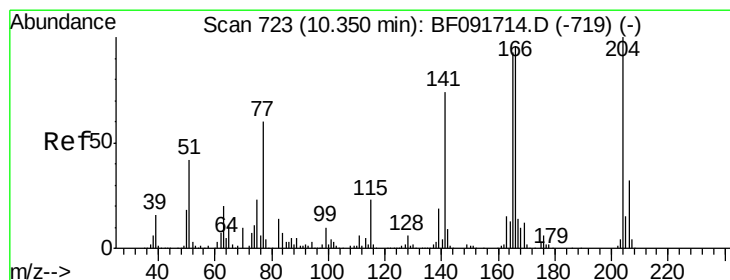
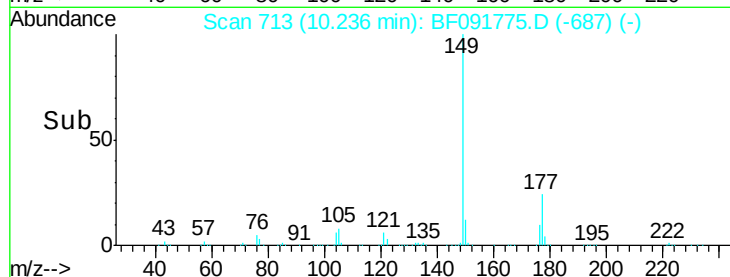
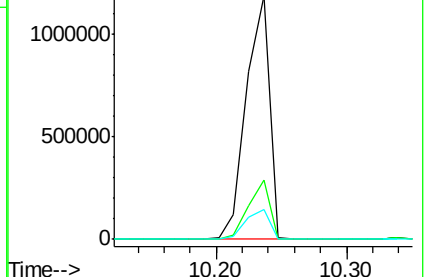
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.05 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

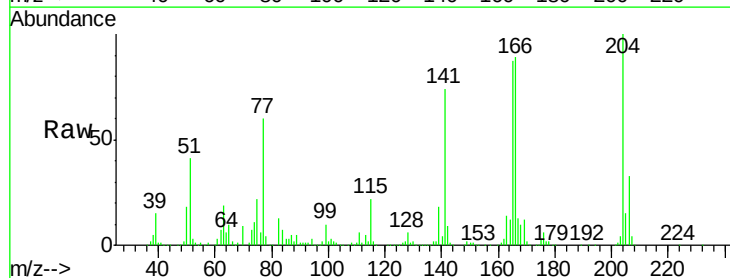
Tgt Ion:204 Resp: 523038

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

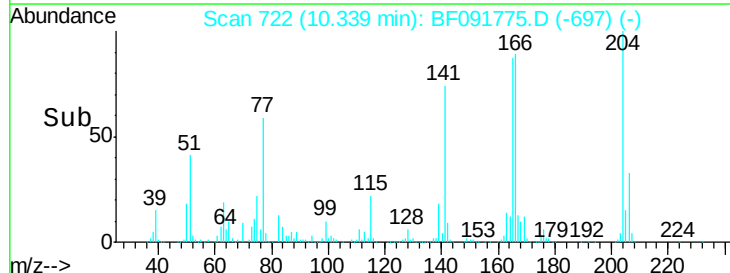
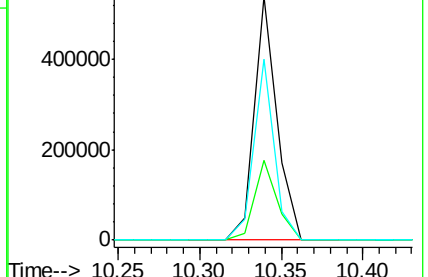
141 74.1 59.4 89.0

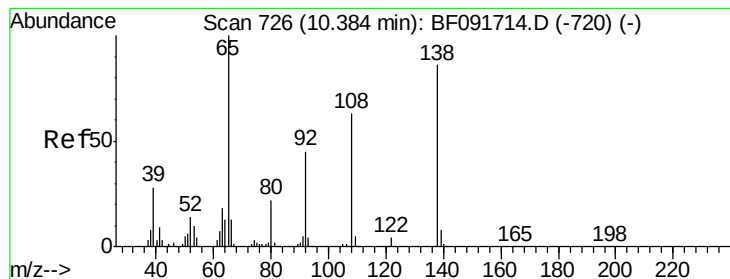


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.39 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

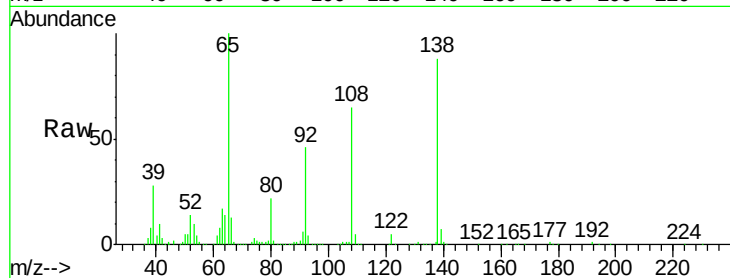
Tot Ion:138 Resp: 314197

Ion Ratio Lower Upper

138 100

92 52.0 31.7 71.7

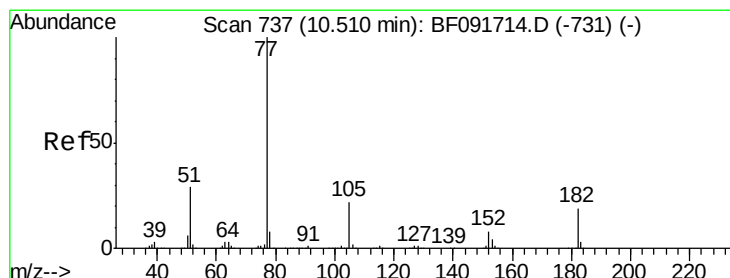
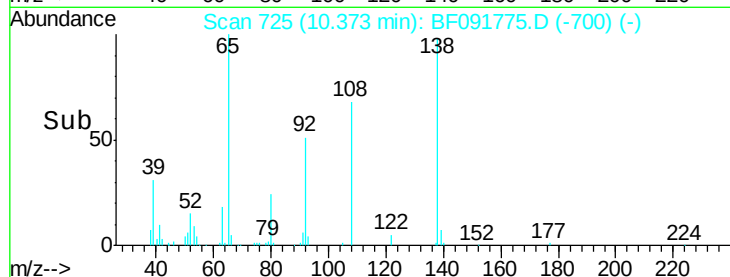
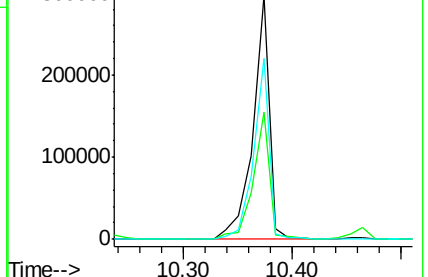
108 74.2 52.6 92.6



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: 46.31 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Tgt Ion: 77 Resp: 1532880

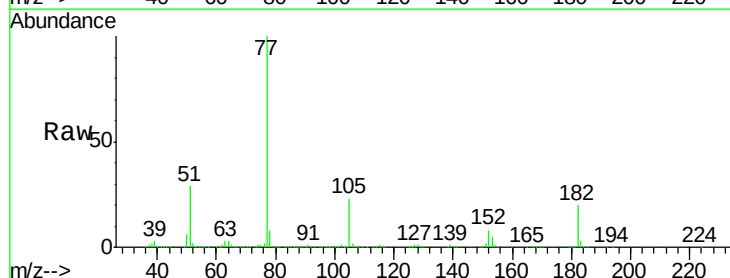
Ion Ratio Lower Upper

77 100

182 19.7 0.0 39.3

105 22.9 2.3 42.3

51 29.2 8.9 48.9

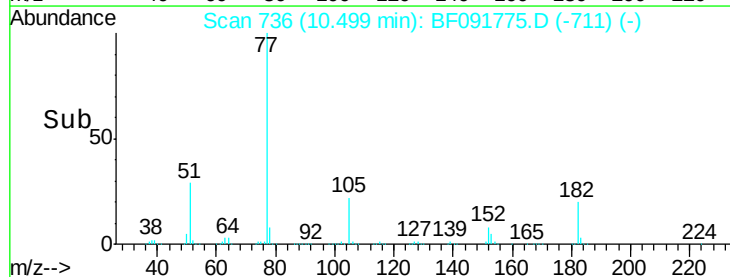
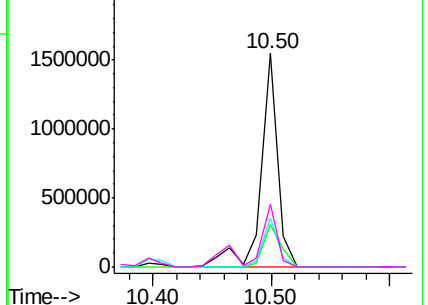


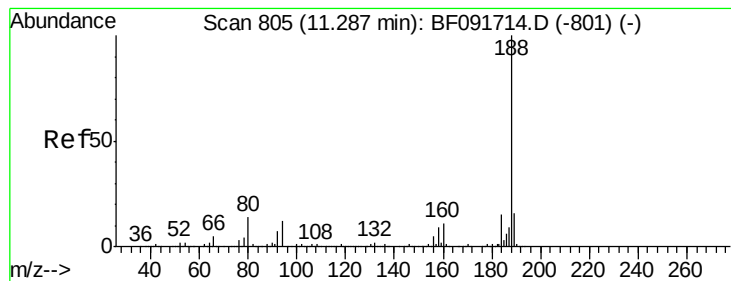
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

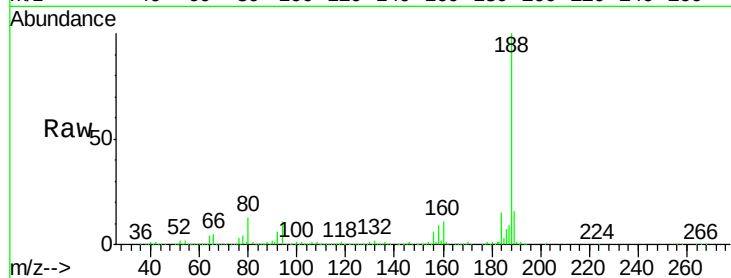
Tot Ion:188 Resp: 738070

Ion Ratio Lower Upper

188 100

94 11.4 10.0 15.0

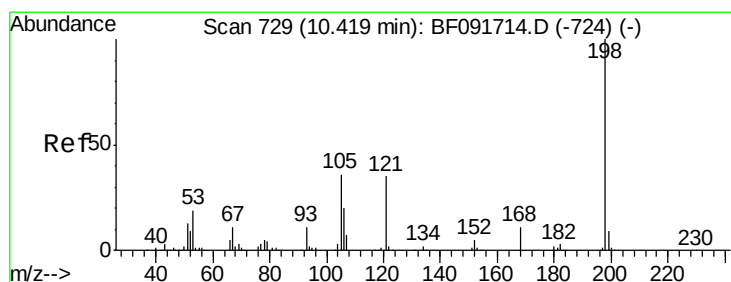
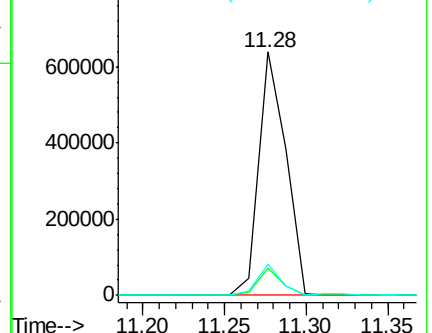
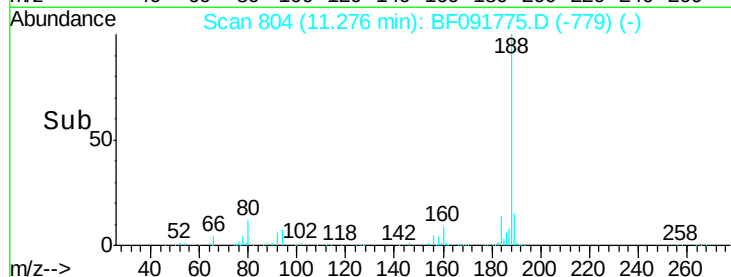
80 12.8 11.2 16.8



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: 33.22 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

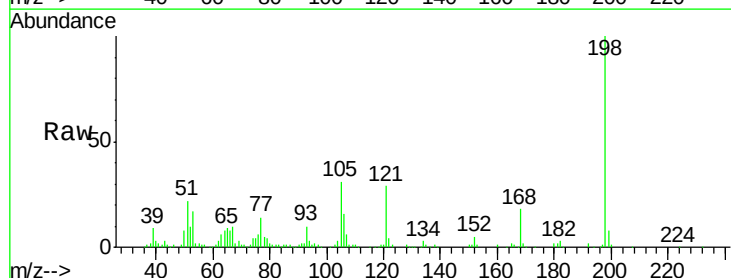
Tgt Ion:198 Resp: 161704

Ion Ratio Lower Upper

198 100

51 21.6 6.7 46.7

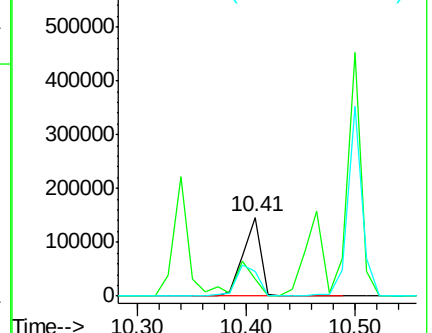
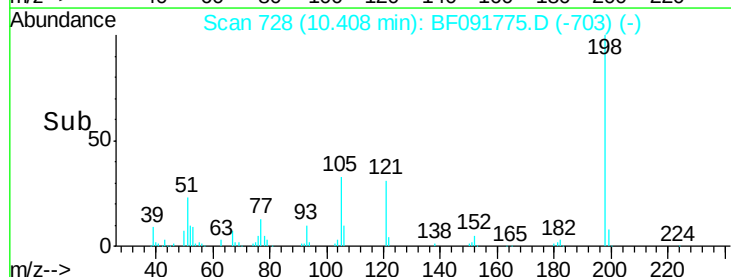
105 31.2 16.6 56.6

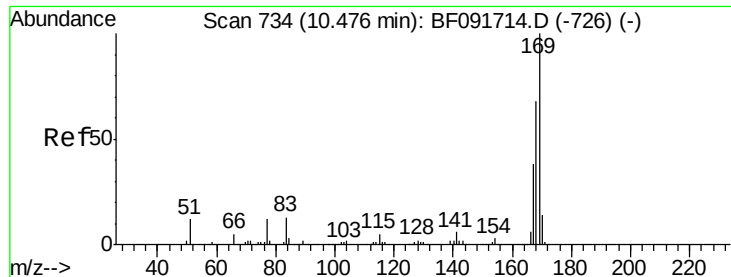


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.89 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

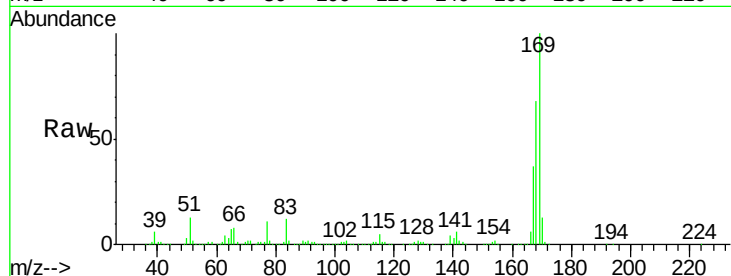
Tot Ion:169 Resp: 1189360

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

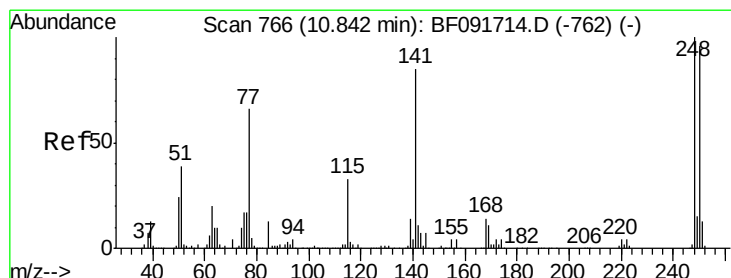
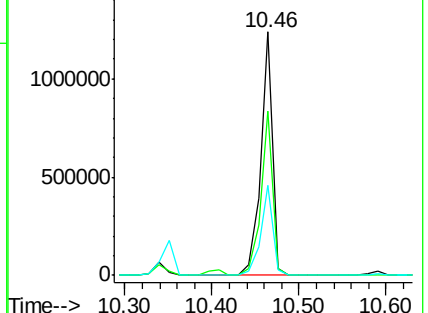
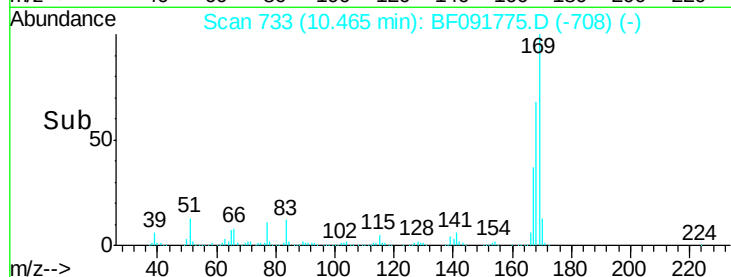
167 37.0 30.2 45.4



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: 49.85 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

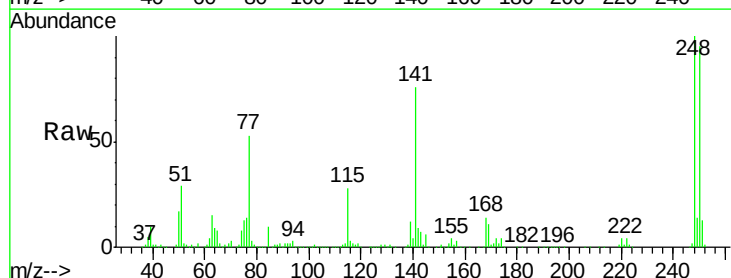
Tgt Ion:248 Resp: 385832

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

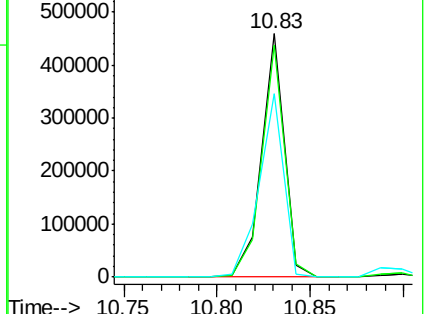
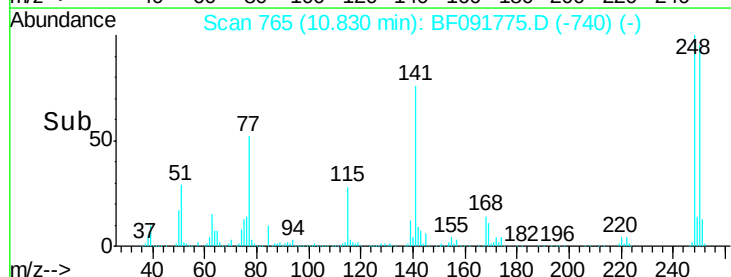
141 75.6 68.2 102.4

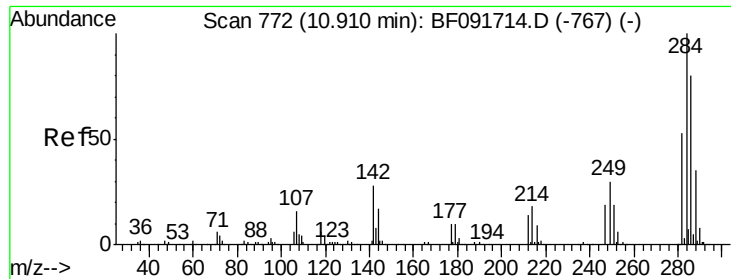


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

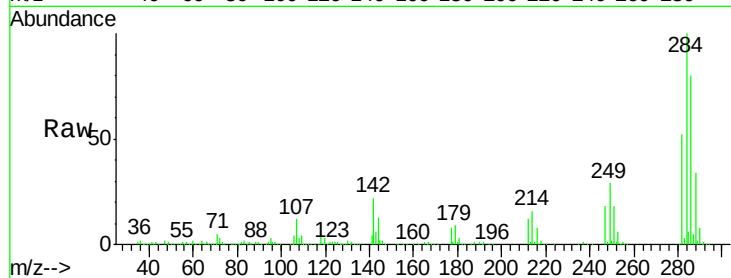




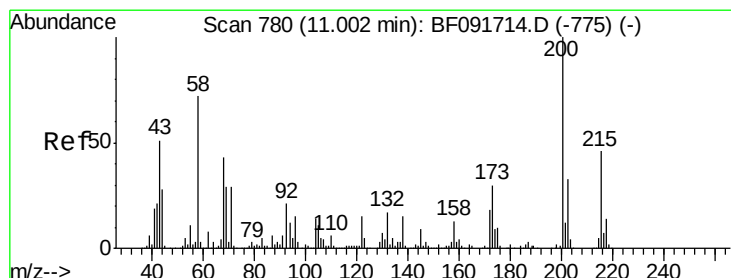
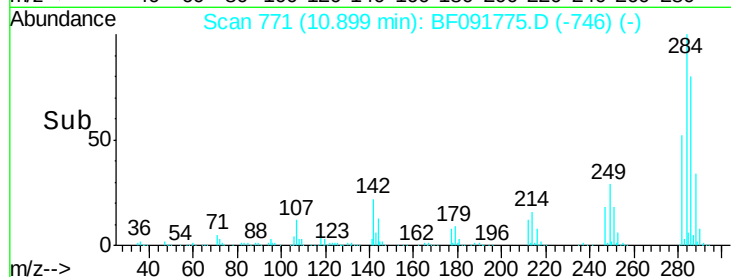
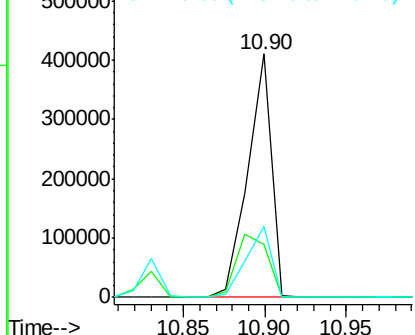
#67
Hexachlorobenzene
Concen: 50.92 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

Tot Ion:284 Resp: 412957
Ion Ratio Lower Upper
284 100
142 21.9 22.6 33.8#
249 29.3 25.4 38.0

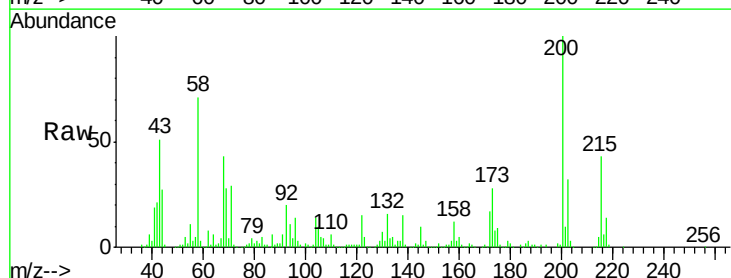


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

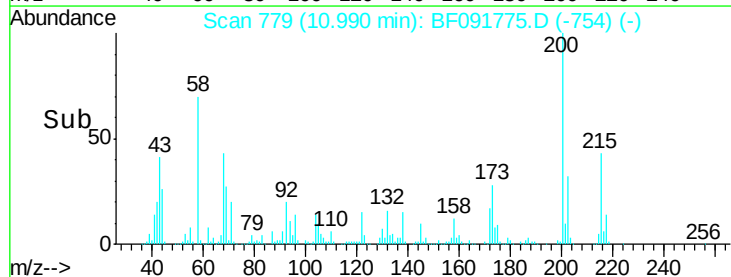
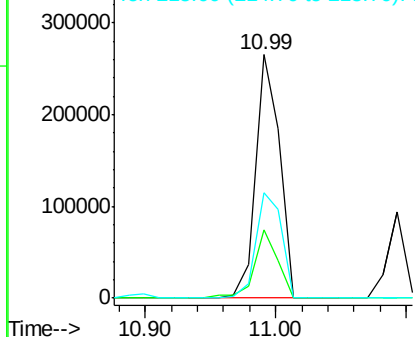


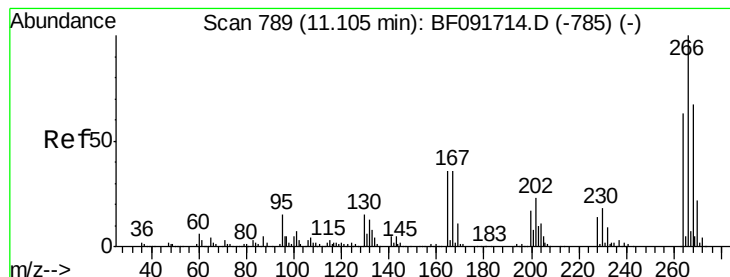
#68
Atrazine
Concen: 48.84 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:200 Resp: 338276
Ion Ratio Lower Upper
200 100
173 28.3 9.6 49.6
215 43.4 25.7 65.7



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

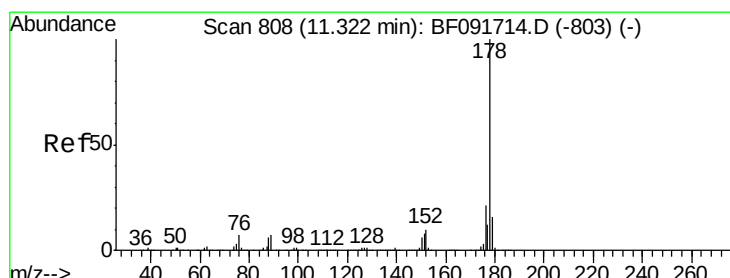
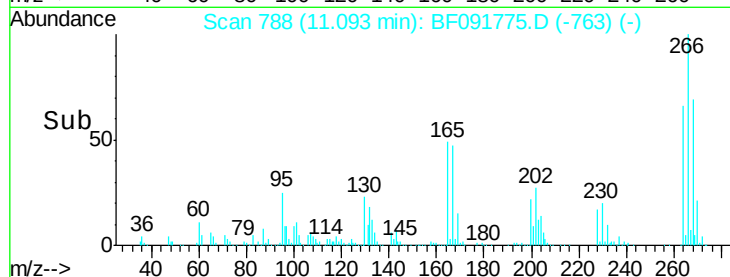
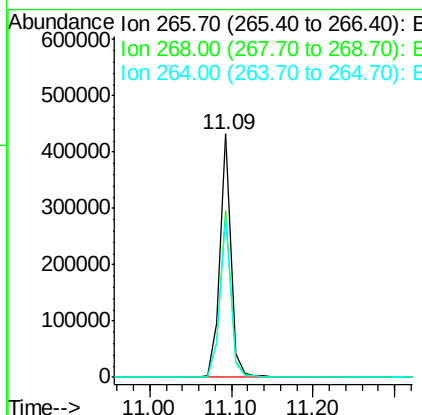
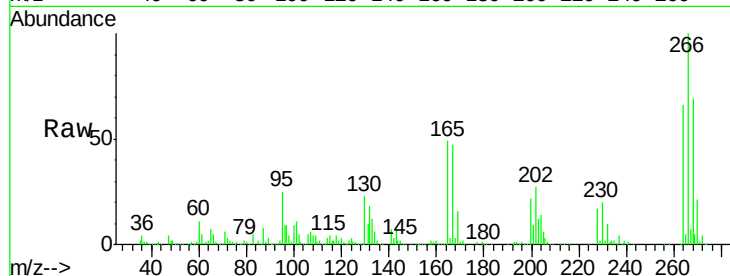




#69
 Pentachlorophenol
 Concen: 93.61 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

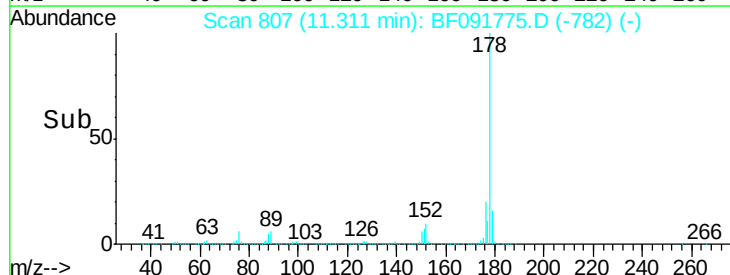
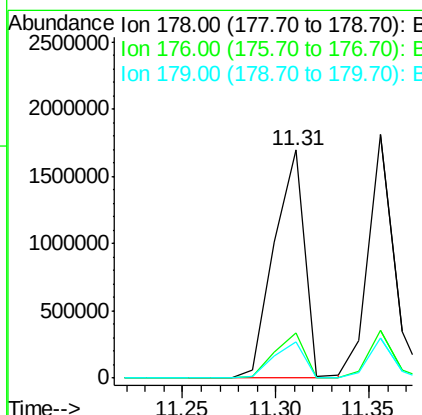
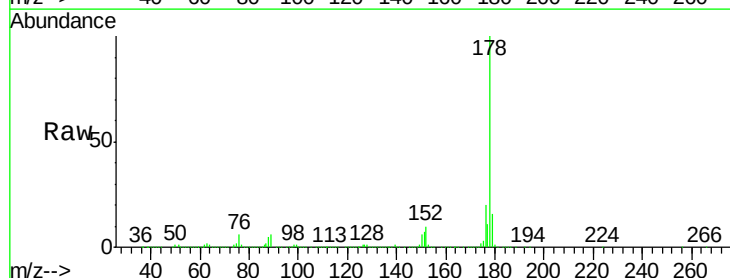
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

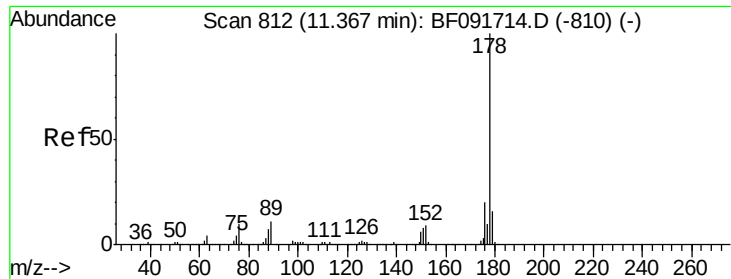
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	53.3	79.9
264	65.6	50.3	75.5



#70
 Phenanthrene
 Concen: 52.08 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.7	12.8	19.2

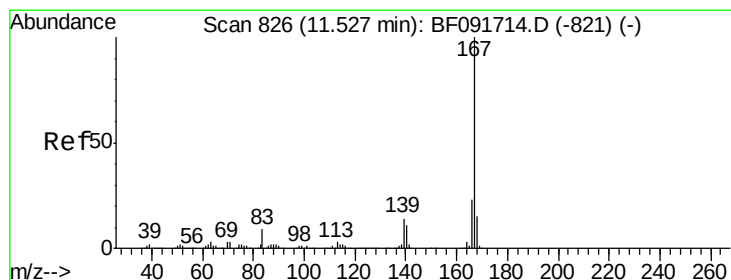
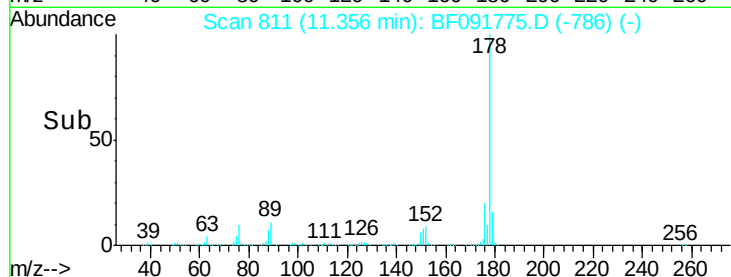
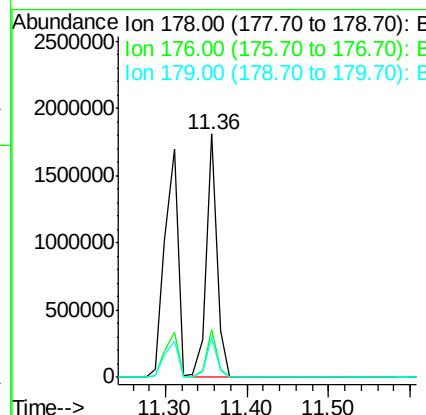
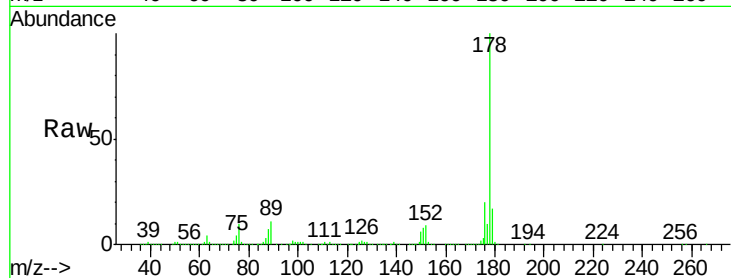




#71
 Anthracene
 Concen: 42.97 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

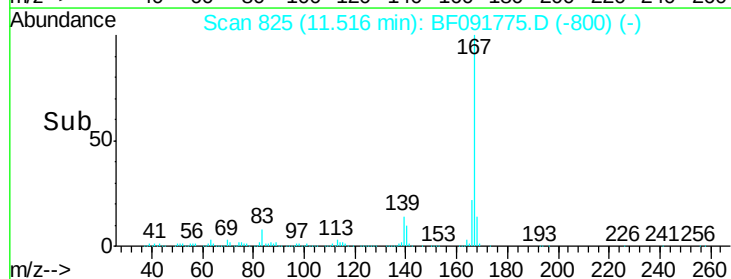
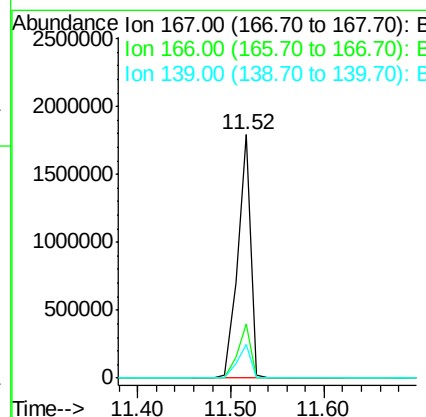
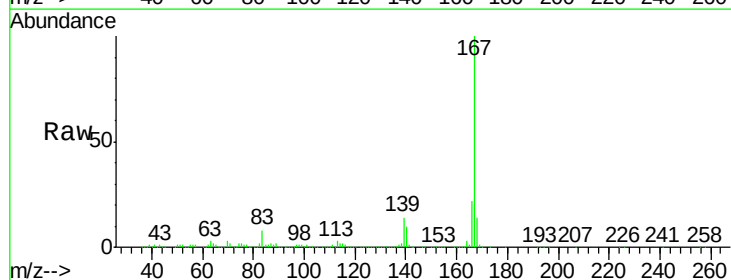
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

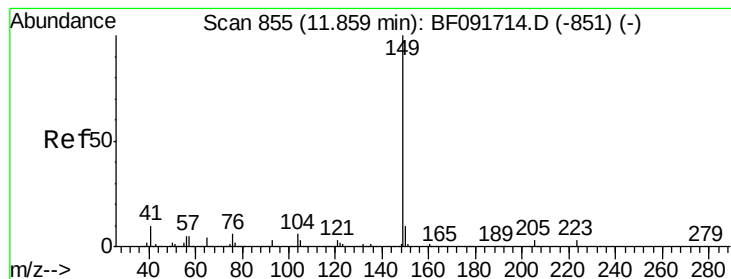
Tot Ion:178 Resp: 1678547
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.6 13.2 19.8



#72
 Carbazole
 Concen: 51.35 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:167 Resp: 1754149
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.36 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

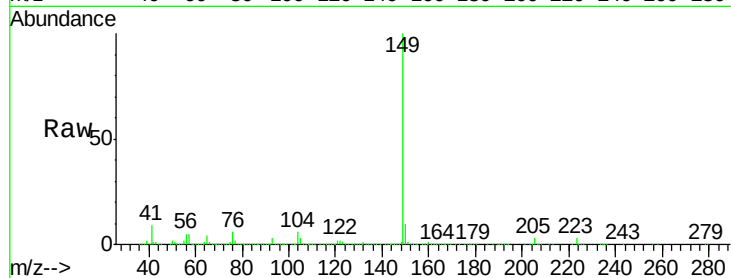
Tot Ion:149 Resp: 1855038

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

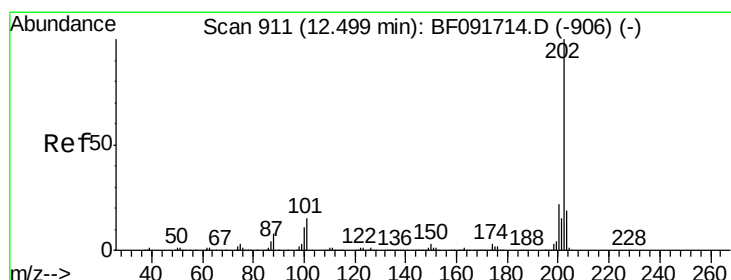
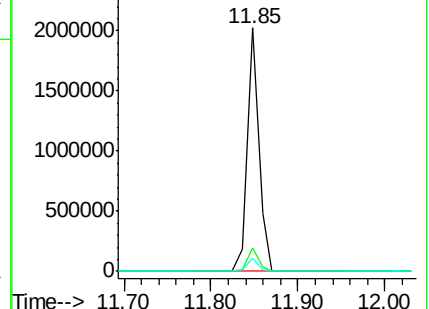
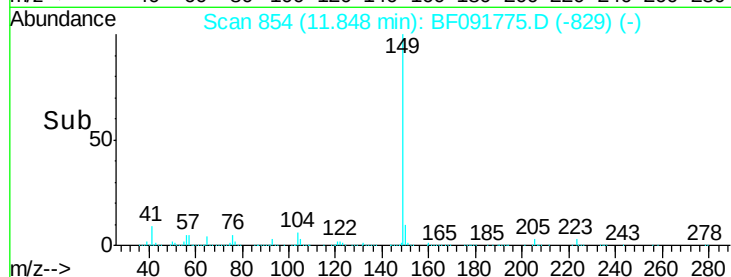
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.64 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

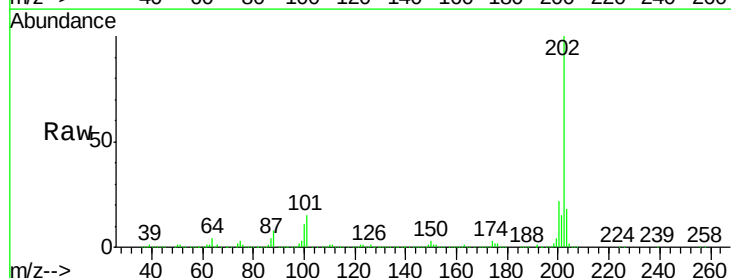
Tgt Ion:202 Resp: 1526966

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.6

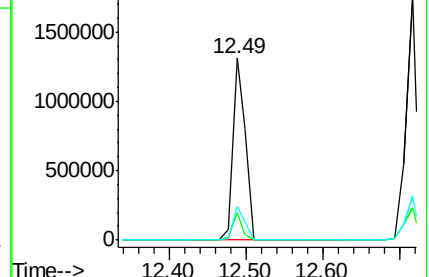
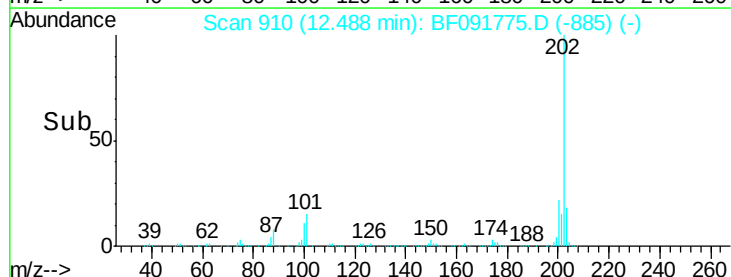
203 18.5 0.0 38.7

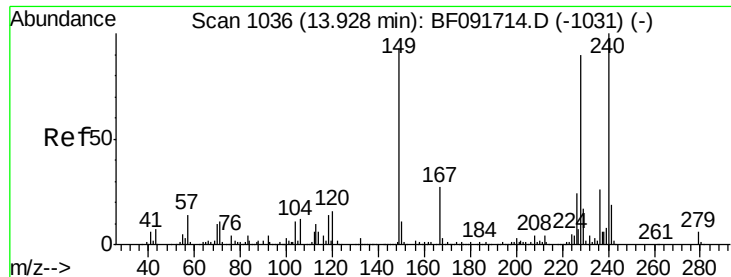


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

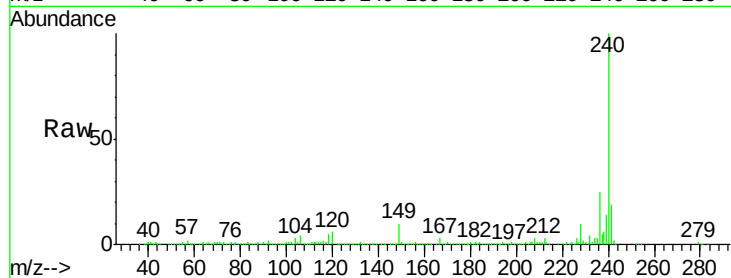
Tot Ion:240 Resp: 395866

Ion Ratio Lower Upper

240 100

120 6.1 12.9 19.3#

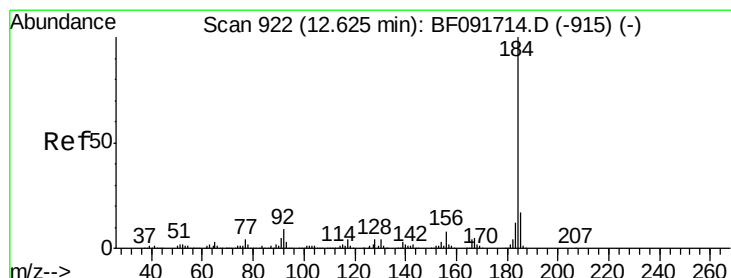
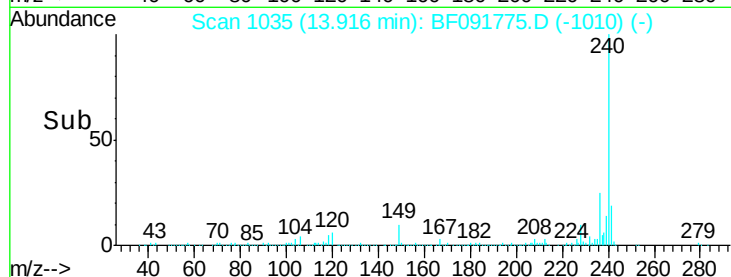
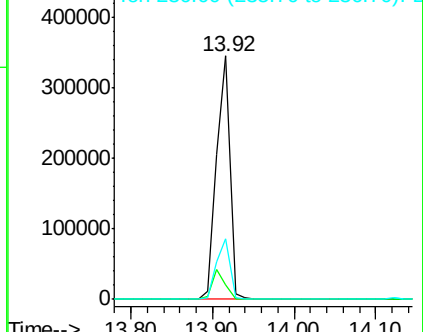
236 24.9 20.9 31.3



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: 26.01 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

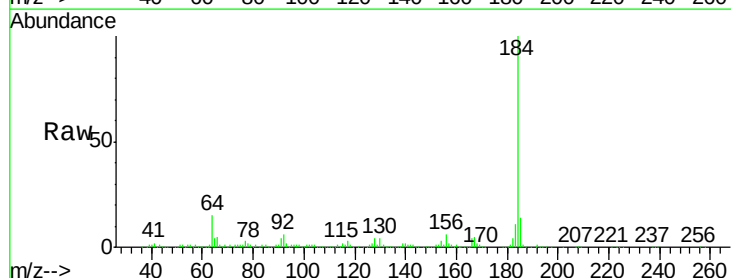
Tgt Ion:184 Resp: 296395

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

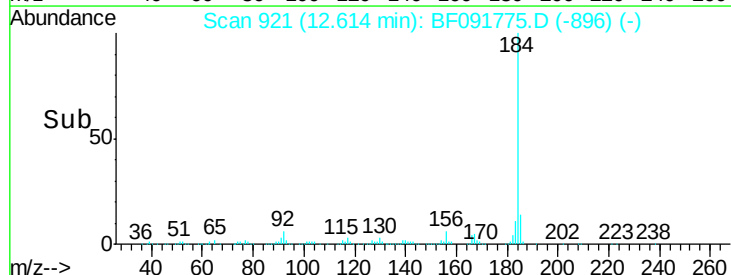
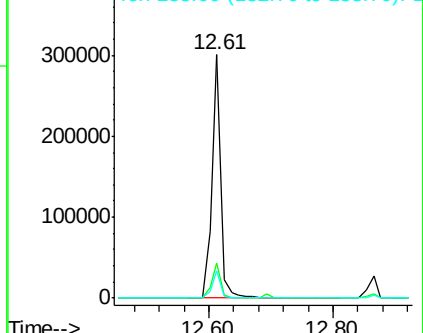
183 11.0 9.2 13.8

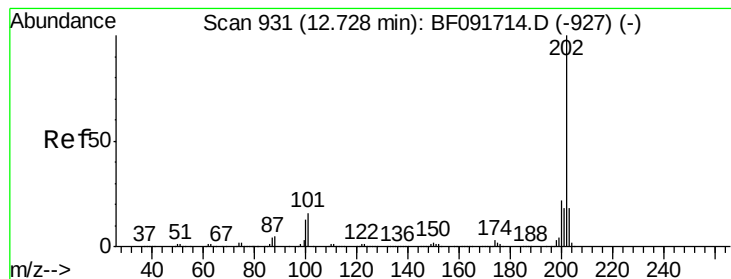


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.02 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

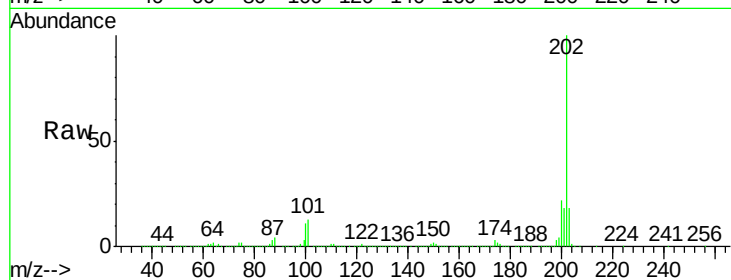
Tot Ion:202 Resp: 1658717

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

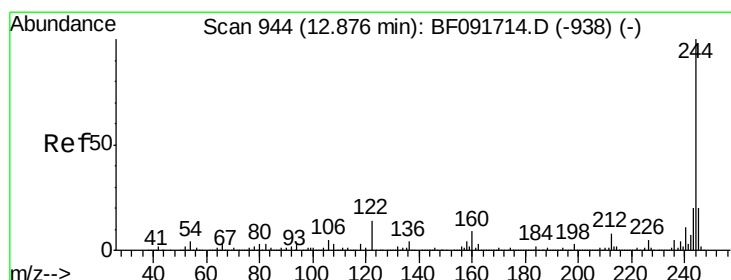
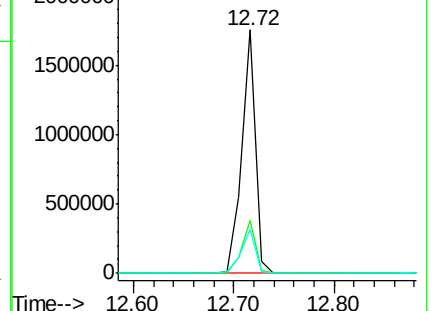
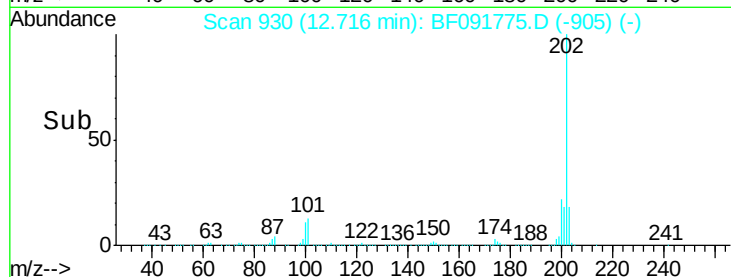
203 17.9 14.7 22.1



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: 111.26 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

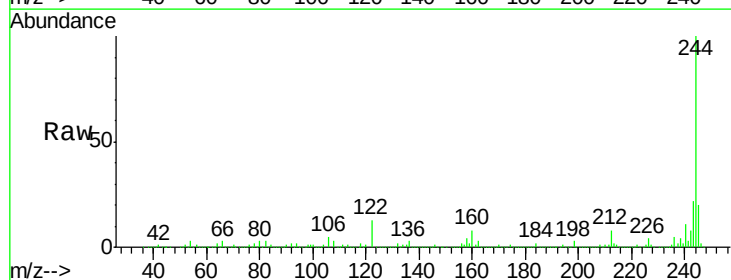
Tgt Ion:244 Resp: 1744416

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

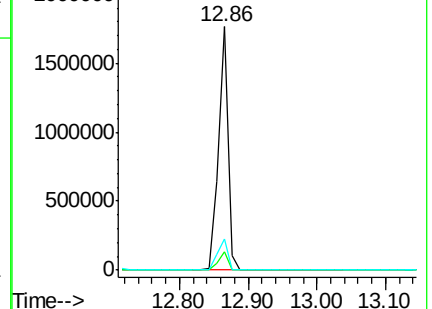
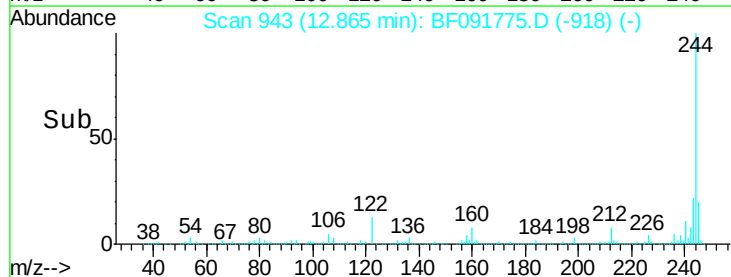
122 12.7 11.4 17.2

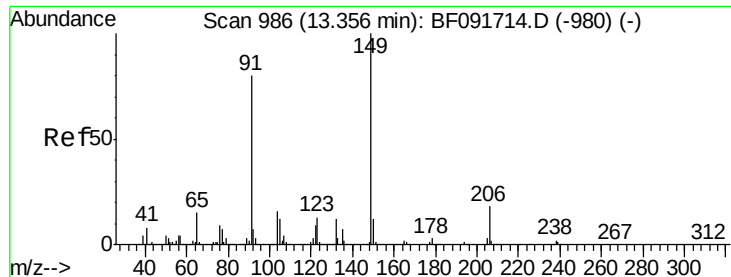


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.48 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

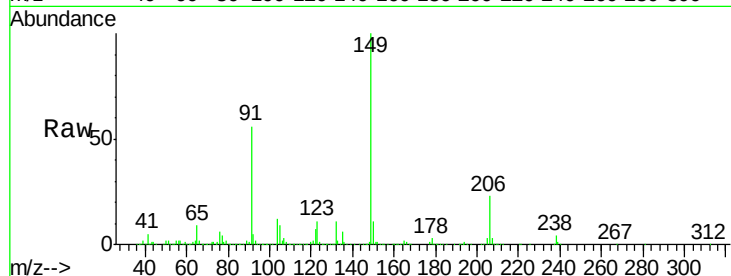
Tot Ion:149 Resp: 729020

Ion Ratio Lower Upper

149 100

91 55.8 63.9 95.9#

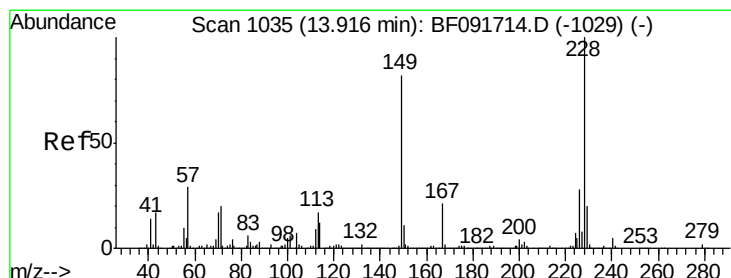
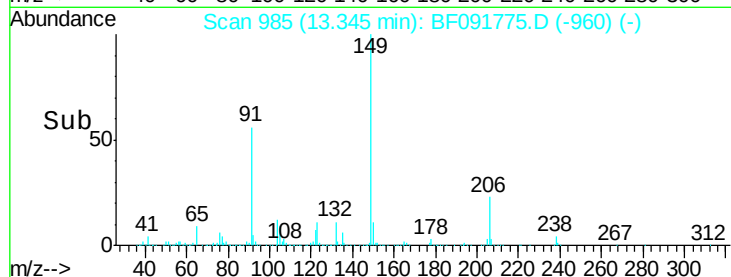
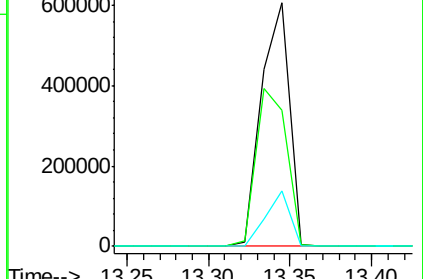
206 22.8 14.6 21.8#



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: 49.23 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

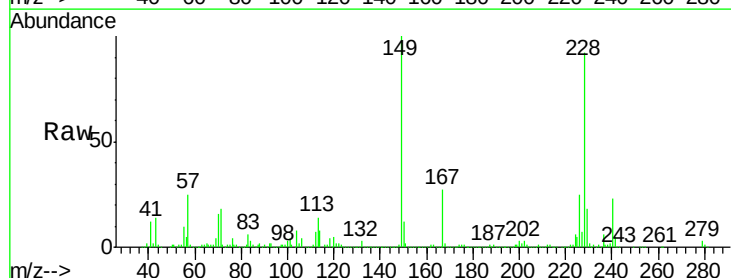
Tgt Ion:228 Resp: 1114709

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

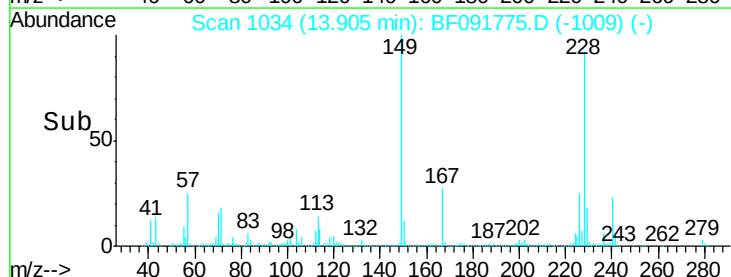
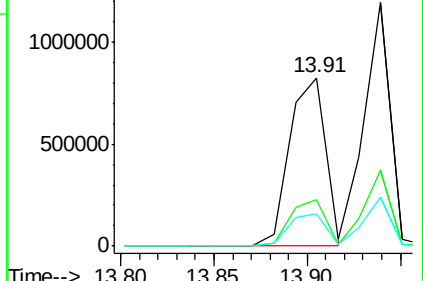
229 19.5 16.2 24.4

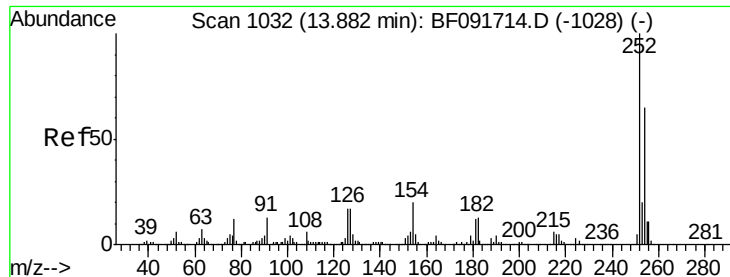


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 32.18 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

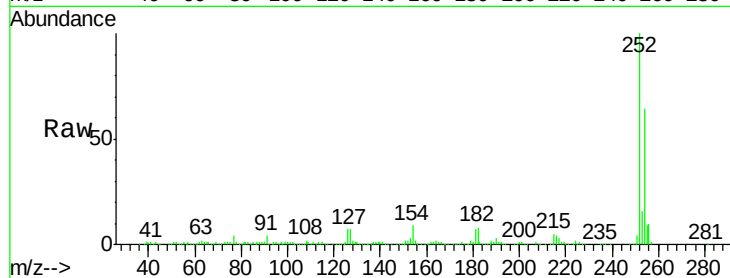
Tot Ion:252 Resp: 291545

Ion Ratio Lower Upper

252 100

254 63.6 52.3 78.5

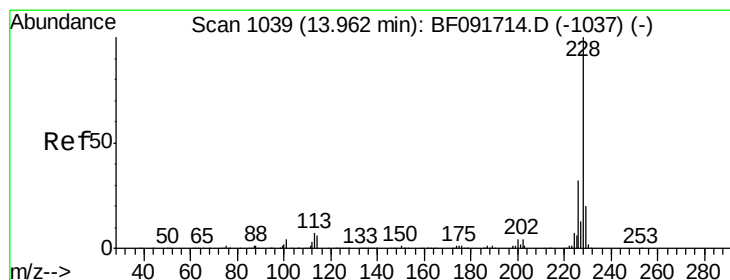
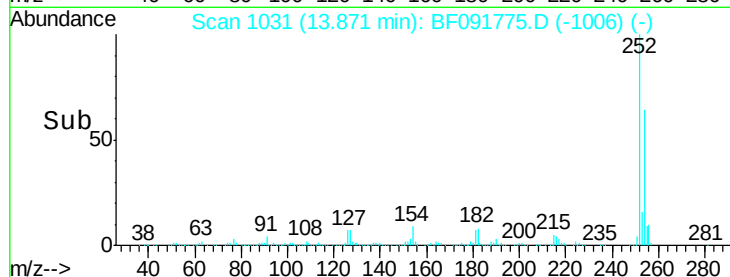
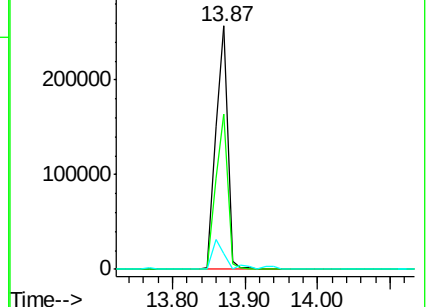
126 6.7 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 49.36 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

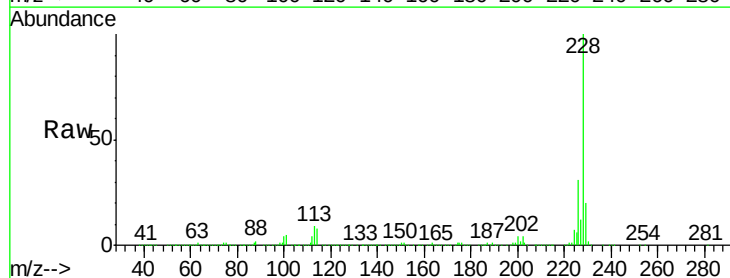
Tgt Ion:228 Resp: 1158443

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

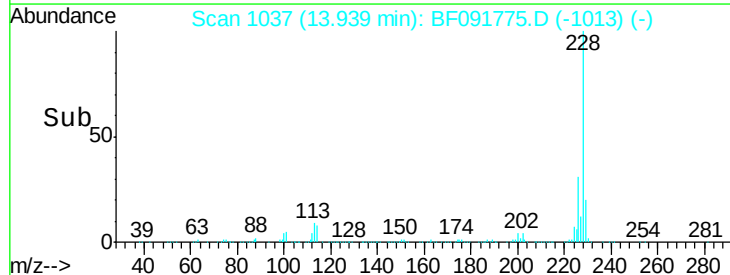
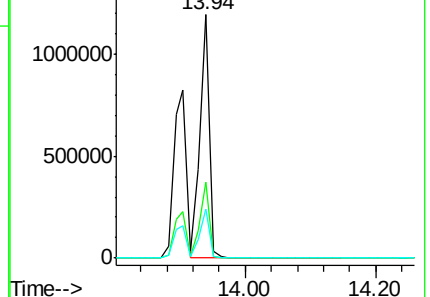
229 20.0 16.2 24.2

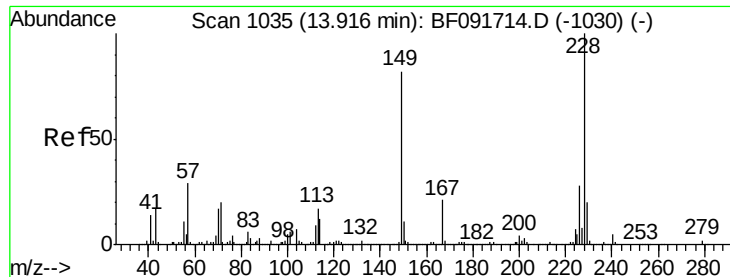


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

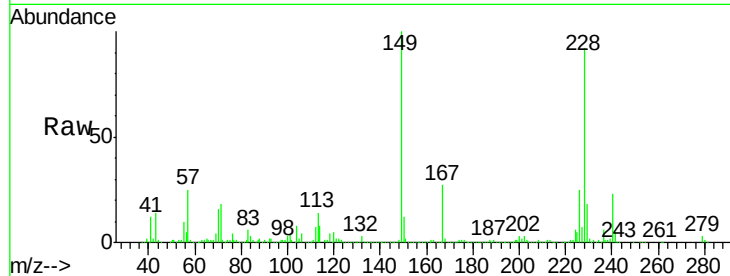




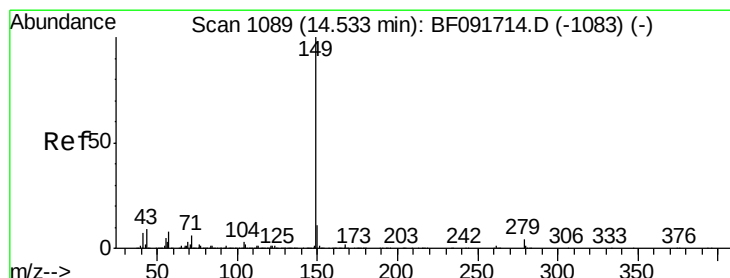
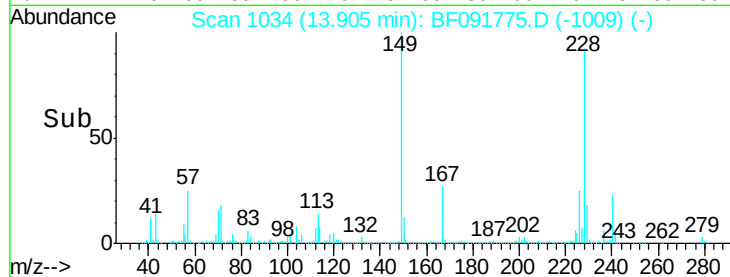
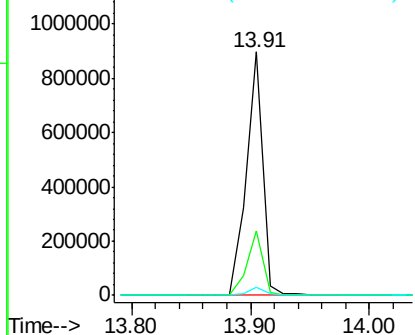
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.25 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Tot Ion:149 Resp: 869768
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 3.3 1.8 2.8#

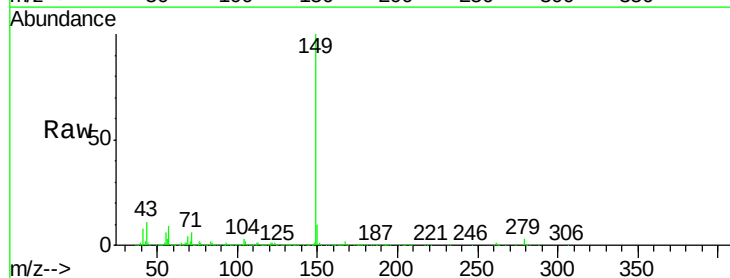


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

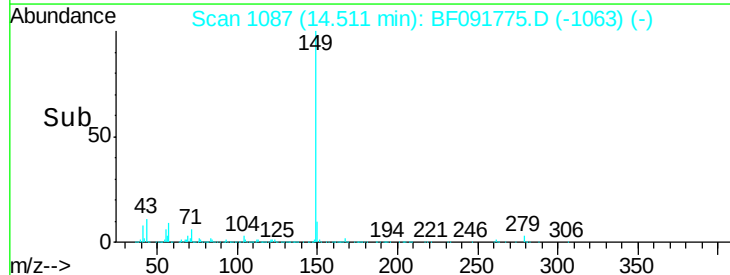
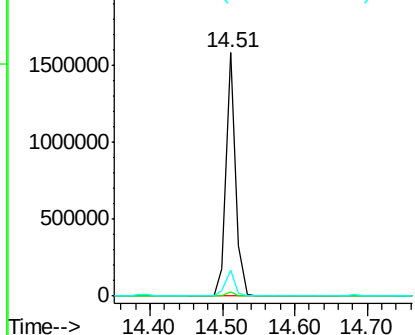


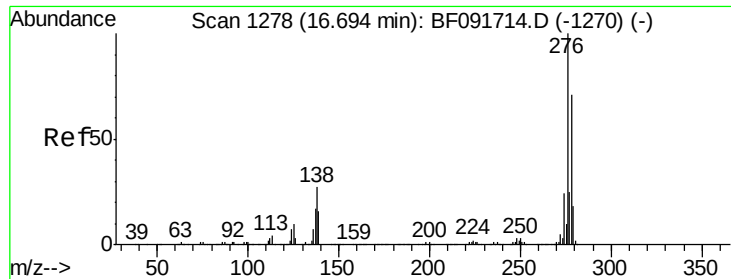
#84
 Di-n-octyl phthalate
 Concen: 46.09 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:149 Resp: 1441430
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

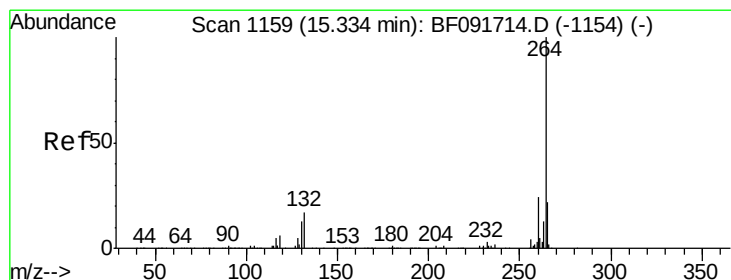
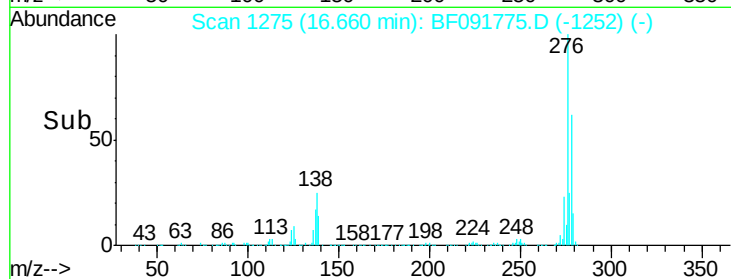
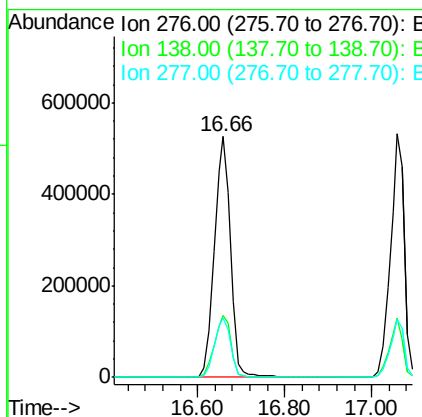
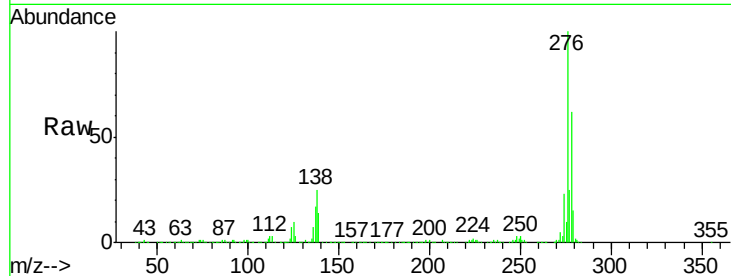




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.26 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.03 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

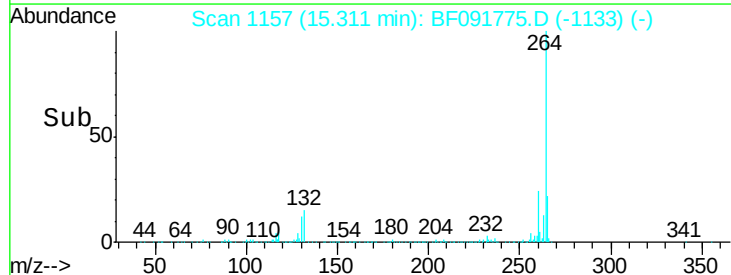
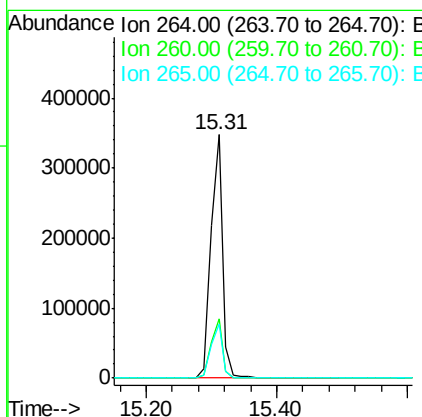
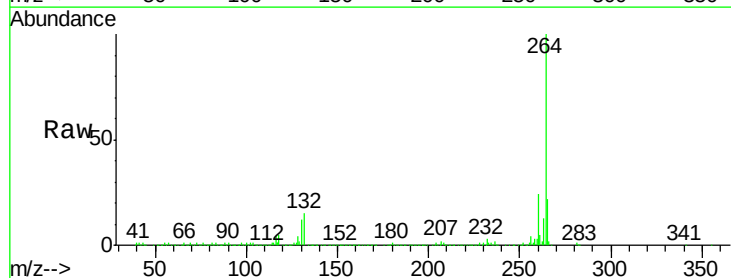
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

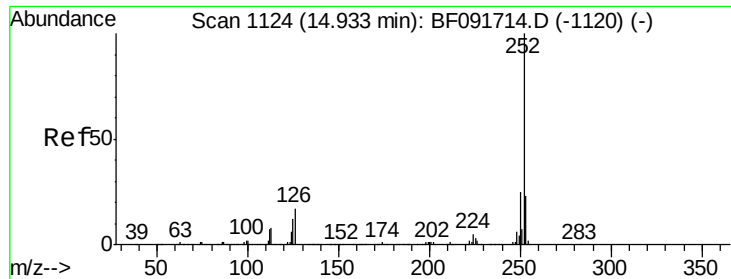
Tot Ion:276 Resp: 1390711
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Tgt Ion:264 Resp: 438594
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.4 26.0

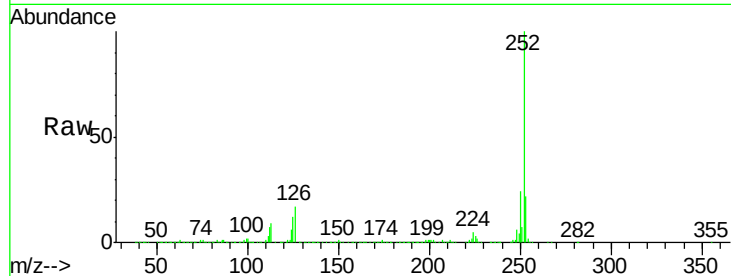




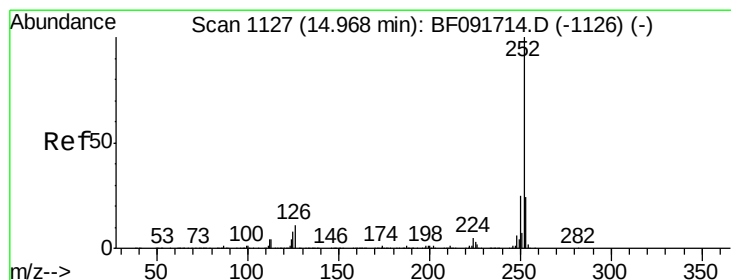
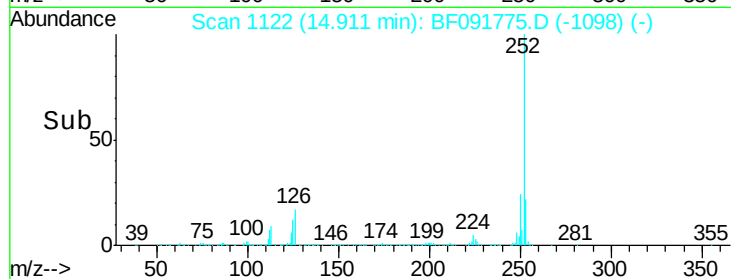
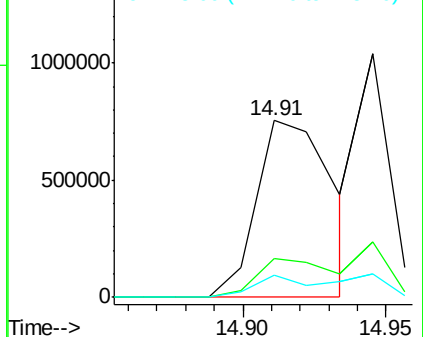
#87
Benzo(b)fluoranthene
Concen: 49.95 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

Tot Ion:252 Resp: 1389181
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.2 9.8 14.6

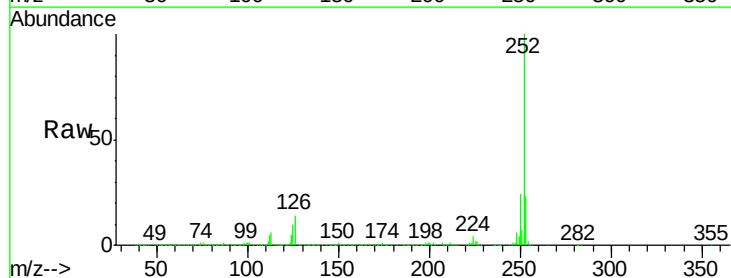


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

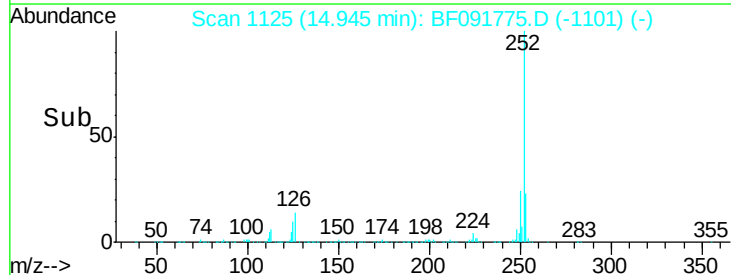
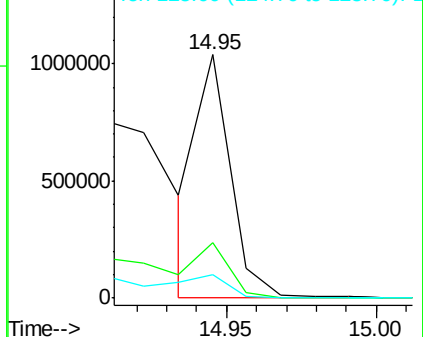


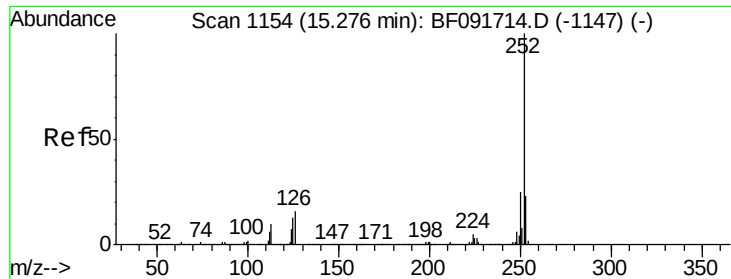
#88
Benzo(k)fluoranthene
Concen: 41.89 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF091775.D
Acq: 19 Dec 2016 11:50

Tgt Ion:252 Resp: 817426
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 9.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.94 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

Instrument :

BNA_F

ClientSampleId :

SB-49(22.5-24.5)-12-14-16MS

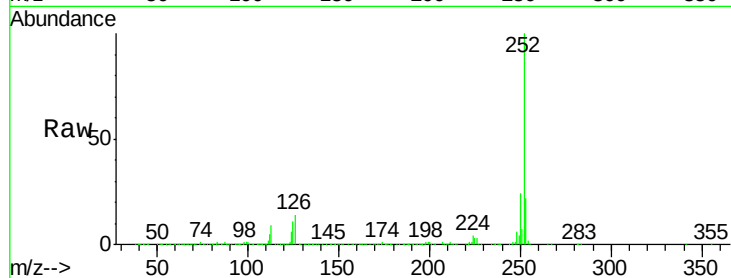
Tot Ion:252 Resp: 1096555

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

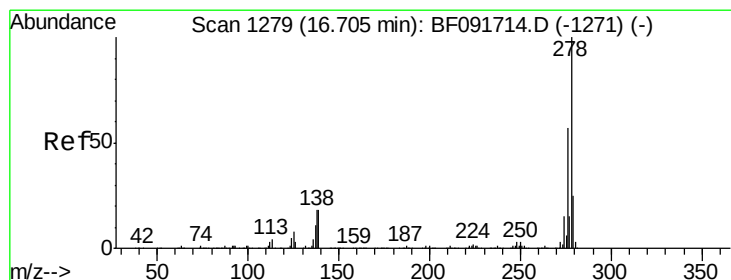
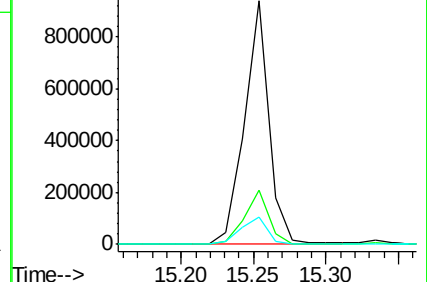
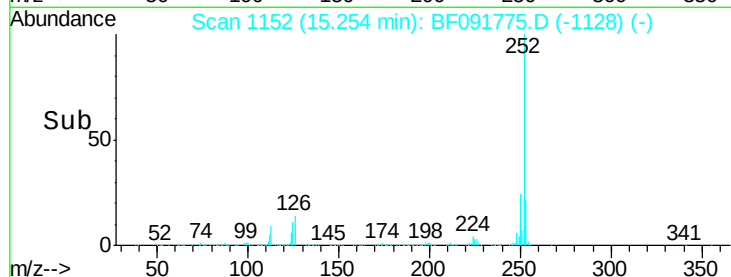
125 11.1 10.0 15.0



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: 54.30 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF091775.D

Acq: 19 Dec 2016 11:50

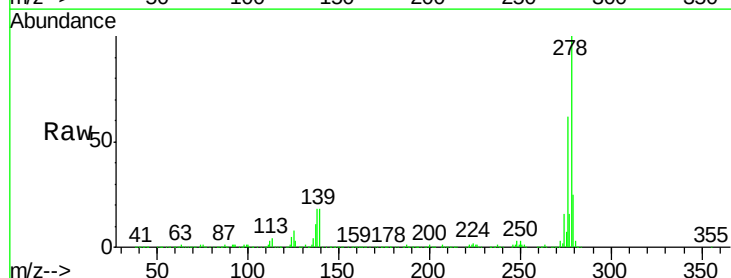
Tgt Ion:278 Resp: 1129787

Ion Ratio Lower Upper

278 100

139 18.4 14.8 22.2

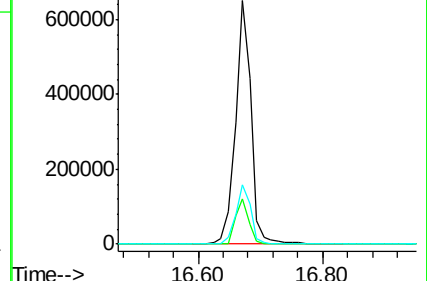
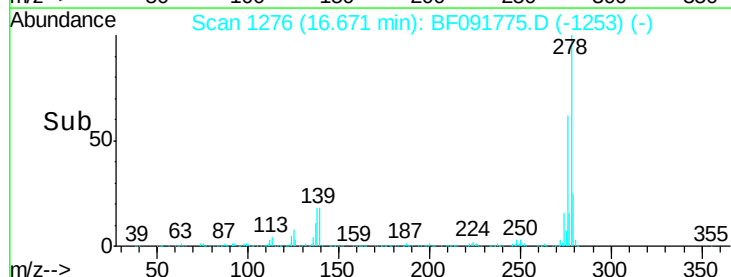
279 24.6 19.8 29.6

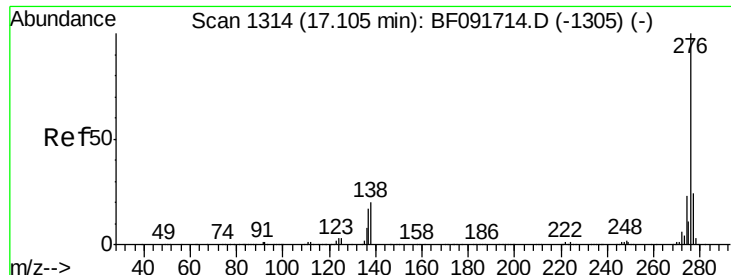


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 57.54 ng
 RT: 17.06 min Scan# 1310
 Delta R.T. -0.05 min
 Lab File: BF091775.D
 Acq: 19 Dec 2016 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

Tot Ion:276 Resp: 1216718

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.5	16.0	24.0

