

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091741.D
 Acq On : 18 Dec 2016 17:29
 Operator : UM/SJ
 Sample : H6125-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Dec 19 03:16:04 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	6.77	152	317573	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1191158	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	668160	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	562672	20.00	ng	0.00
75) Chrysene-d12	13.93	240	458250	20.00	ng	0.00
86) Perylene-d12	15.32	264	359398	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	2607005	137.54	ng	0.02
7) Phenol-d6	6.42	99	3110941	134.57	ng	0.00
23) Nitrobenzene-d5	7.34	82	1963229	95.05	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	473798	83.63	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2945326	88.56	ng	0.00
78) Terphenyl-d14	12.88	244	1504043	82.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	406220	43.52	ng	98
3) Pyridine	3.09	79	1187045	39.47	ng	96
4) n-Nitrosodimethylamine	3.06	42	589236	50.63	ng	99
6) Aniline	6.44	93	421061	14.16	ng	# 58
8) 2-Chlorophenol	6.56	128	939361	45.02	ng	96
9) Benzaldehyde	6.30	77	168603	9.67	ng	89
10) Phenol	6.44	94	1272341	48.83	ng	# 69
11) bis(2-Chloroethyl)ether	6.51	93	870541	41.83	ng	96
12) 1,3-Dichlorobenzene	6.70	146	940213m	41.03	ng	
13) 1,4-Dichlorobenzene	6.78	146	988535	42.64	ng	99
14) 1,2-Dichlorobenzene	6.94	146	924103	45.50	ng	96
15) Benzyl Alcohol	6.92	79	791711	44.23	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1422121	44.72	ng	99
17) 2-Methylphenol	7.05	107	844927	48.46	ng	94
18) Hexachloroethane	7.28	117	361938	42.02	ng	# 86
19) n-Nitroso-di-n-propylamine	7.20	70	693908	45.13	ng	99
20) 3+4-Methylphenols	7.20	107	982350	50.51	ng	# 87
22) Acetophenone	7.18	105	1360538	47.31	ng	# 98
24) Nitrobenzene	7.36	77	957995	43.19	ng	98
25) Isophorone	7.60	82	2037220	51.69	ng	96
26) 2-Nitrophenol	7.68	139	636737	59.51	ng	93
27) 2,4-Dimethylphenol	7.72	122	969142	55.52	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1312138	56.90	ng	100
29) 2,4-Dichlorophenol	7.92	162	816534	50.72	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	792082	45.40	ng	# 96
31) Naphthalene	8.08	128	2483329	43.64	ng	99
32) Benzoic acid	7.81	122	67745	5.45	ng	98
33) 4-Chloroaniline	8.13	127	193439	8.07	ng	94
34) Hexachlorobutadiene	8.20	225	448746	45.75	ng	99
35) Caprolactam	8.52	113	283157m	54.66	ng	
36) 4-Chloro-3-methylphenol	8.62	107	998908	56.24	ng	98
37) 2-Methylnaphthalene	8.77	142	1731140	48.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	684955	41.13	ng	99
40) Hexachlorocyclopentadiene	8.92	237	582285	82.49	ng	96

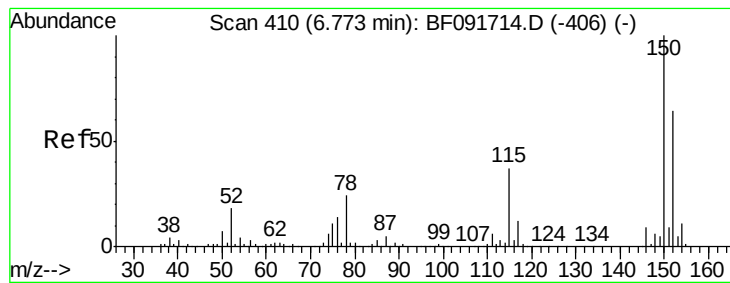
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091741.D
 Acq On : 18 Dec 2016 17:29
 Operator : UM/SJ
 Sample : H6125-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Dec 19 03:16:04 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	9.06	196	547873	46.04	nq	100
43) 2,4,5-Trichlorophenol	9.10	196	561038	47.99	nq	# 89
45) 1,1'-Biphenyl	9.23	154	2071054	43.25	nq	96
46) 2-Chloronaphthalene	9.26	162	1597807	44.65	nq	97
47) 2-Nitroaniline	9.36	65	585966	47.95	nq	99
48) Acenaphthylene	9.68	152	2731666	49.26	nq	100
49) Dimethylphthalate	9.55	163	2762175	63.29	nq	99
50) 2,6-Dinitrotoluene	9.61	165	476069	49.75	nq	99
51) Acenaphthene	9.85	154	1755701	46.13	nq	99
52) 3-Nitroaniline	9.77	138	188233	15.80	nq	86
53) 2,4-Dinitrophenol	9.87	184	157878	30.54	nq	# 47
54) Dibenzofuran	10.02	168	2490047	55.02	nq	99
55) 4-Nitrophenol	9.95	139	795831	96.18	nq	99
56) 2,4-Dinitrotoluene	10.01	165	623375	52.15	nq	92
57) Fluorene	10.36	166	1719262	48.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	457885	47.37	nq	# 99
59) Diethylphthalate	10.25	149	2046729	47.71	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	672426	41.99	nq	99
61) 4-Nitroaniline	10.38	138	394448	34.94	nq	96
62) Azobenzene	10.51	77	2089329	45.77	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	272221	73.35	nq	94
65) n-Nitrosodiphenylamine	10.48	169	1599645	91.55	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	311910	52.86	nq	96
67) Hexachlorobenzene	10.91	284	322704	52.19	nq	# 90
68) Atrazine	11.01	200	307466	58.23	nq	93
69) Pentachlorophenol	11.10	266	348385	104.42	nq	98
70) Phenanthrene	11.32	178	1578371m	56.14	nq	
71) Anthracene	11.37	178	1370829m	46.03	nq	
72) Carbazole	11.53	167	1422710	54.64	nq	100
73) Di-n-butylphthalate	11.86	149	1621623	48.57	nq	99
74) Fluoranthene	12.51	202	1581498	53.86	nq	90
76) Benzidine	12.63	184	457685	34.70	nq	97
77) Pyrene	12.73	202	1341147	40.53	nq	100
79) Butylbenzylphthalate	13.36	149	757094	48.88	nq	90
80) Benzo(a)anthracene	13.92	228	1186663	45.27	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	191915	18.30	nq	# 96
82) Chrysene	13.95	228	939115	34.56	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	944228	48.06	nq	100
84) Di-n-octyl phthalate	14.52	149	1633207	45.11	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	913971	34.21	nq	95
87) Benzo(b)fluoranthene	14.93	252	1075926	47.21	nq	# 97
88) Benzo(k)fluoranthene	14.96	252	983332m	61.50	nq	
89) Benzo(a)pyrene	15.28	252	972389	49.71	nq	# 93
90) Dibenzo(a,h)anthracene	16.69	278	774531	45.43	nq	96
91) Benzo(g,h,i)perylene	17.08	276	726398	41.92	nq	99

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

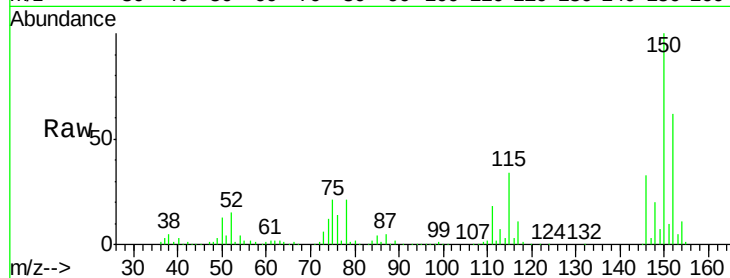


#1

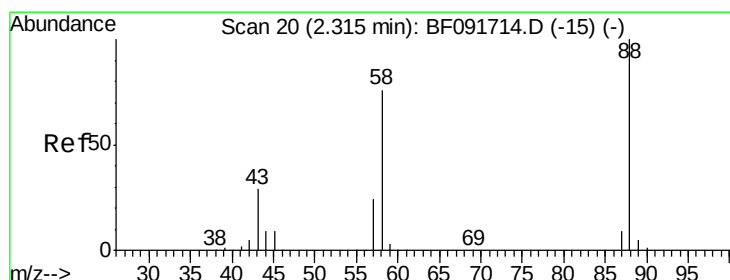
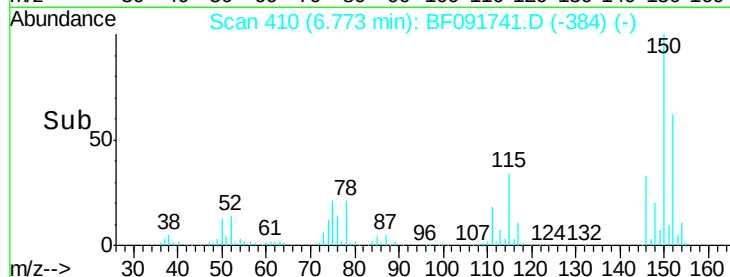
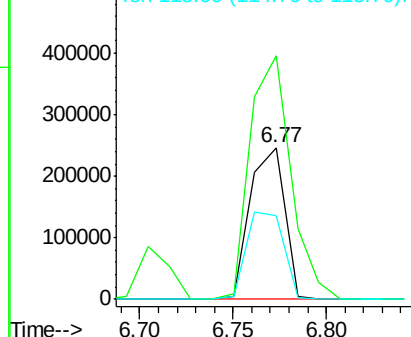
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

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

Tot Ion:152 Resp: 317573
Ion Ratio Lower Upper
152 100
150 160.4 124.9 187.3
115 54.8 46.0 69.0



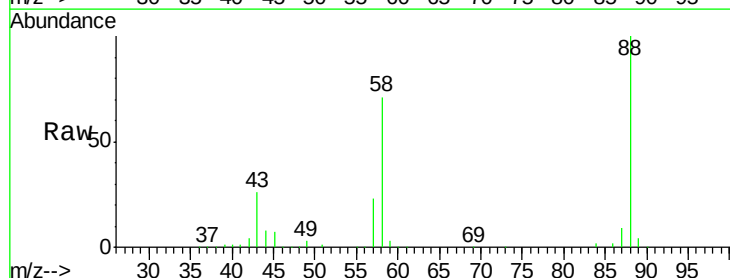
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



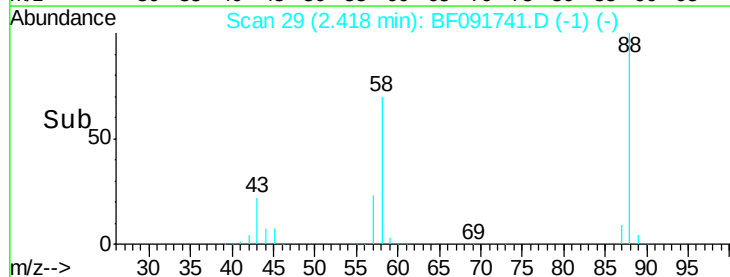
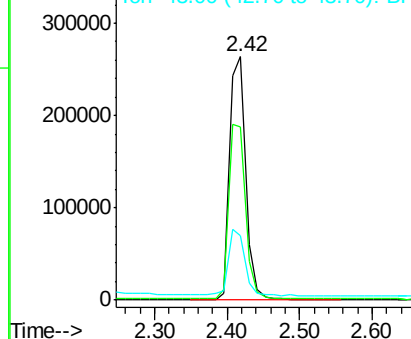
#2

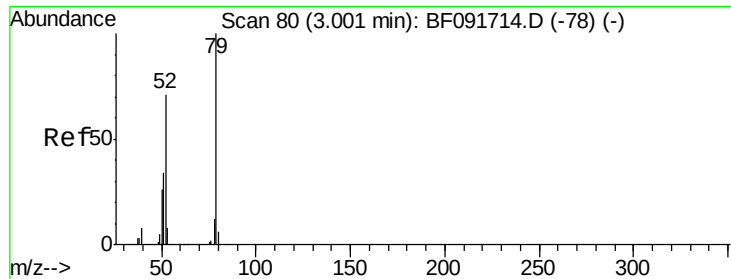
1,4-Dioxane
Concen: 43.52 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.10 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion: 88 Resp: 406220
Ion Ratio Lower Upper
88 100
58 74.1 57.8 86.8
43 28.2 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: 39.47 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

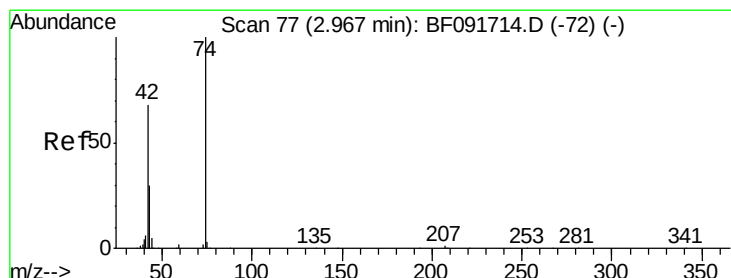
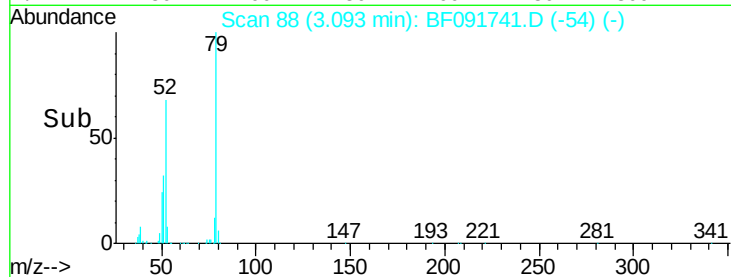
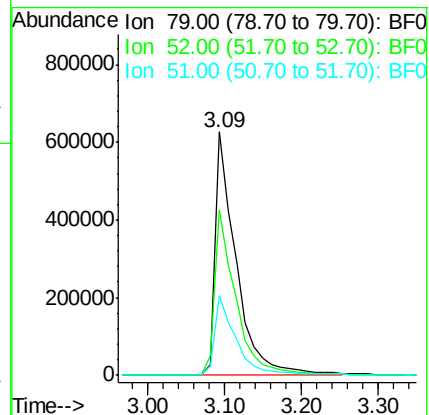
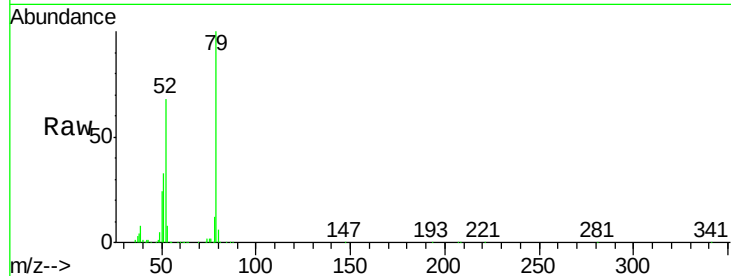
Tot Ion: 79 Resp: 1187045

Ion Ratio Lower Upper

79 100

52 68.0 57.1 85.7

51 32.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 50.63 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.09 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

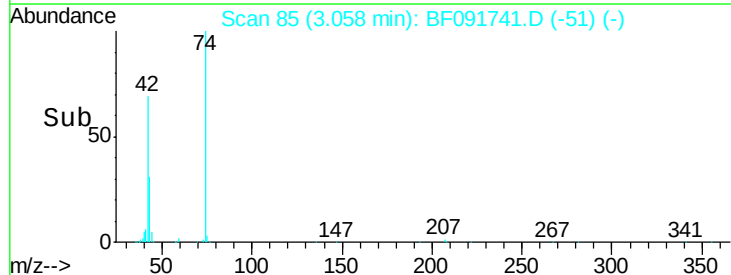
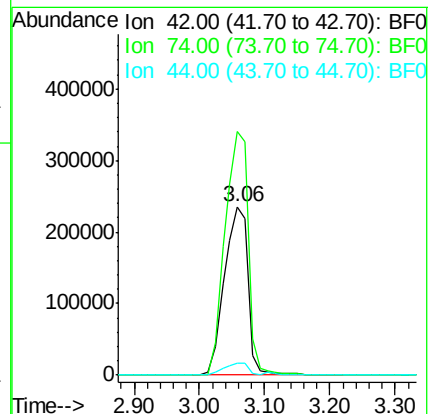
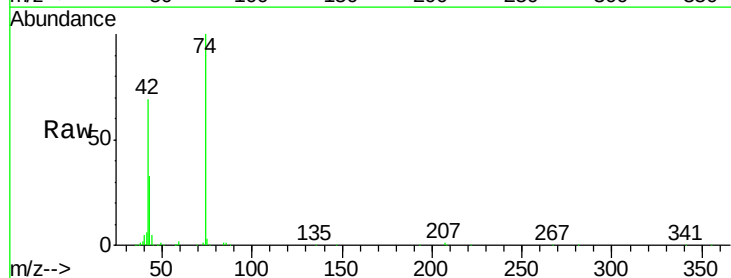
Tgt Ion: 42 Resp: 589236

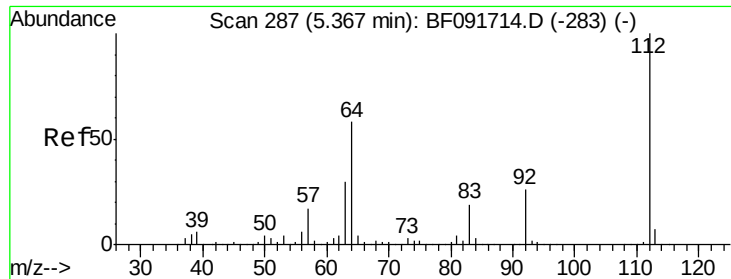
Ion Ratio Lower Upper

42 100

74 144.9 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 137.54 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

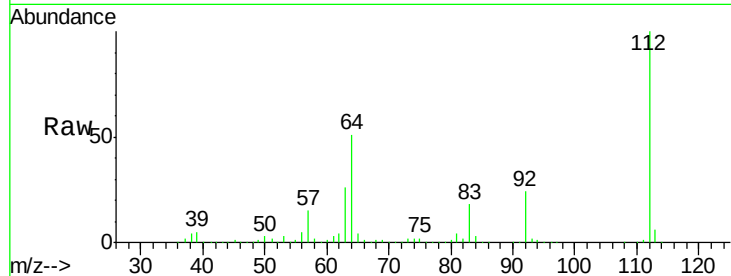
Tot Ion:112 Resp: 2607005

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

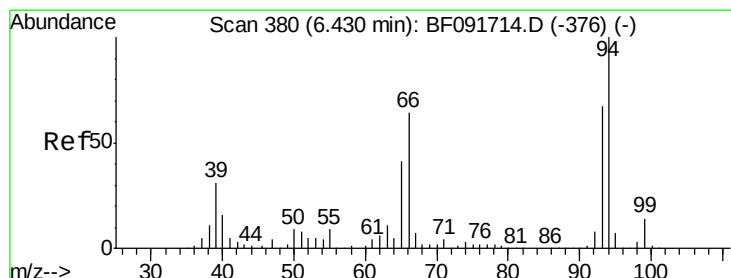
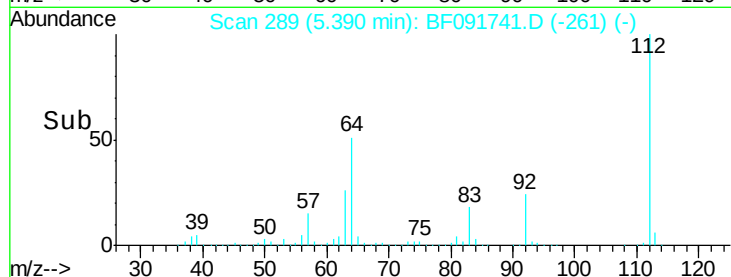
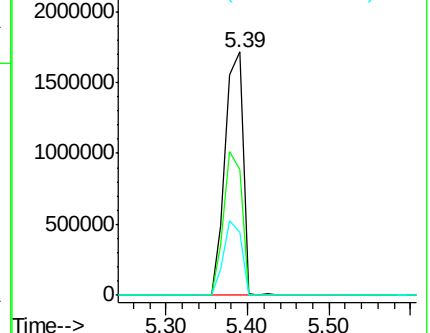
63 26.2 23.8 35.6



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: 14.16 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

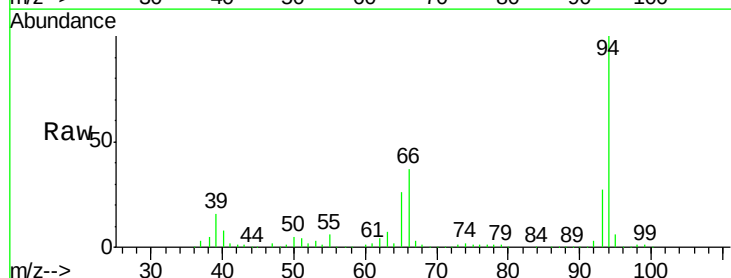
Tgt Ion: 93 Resp: 421061

Ion Ratio Lower Upper

93 100

66 135.2 76.2 114.2#

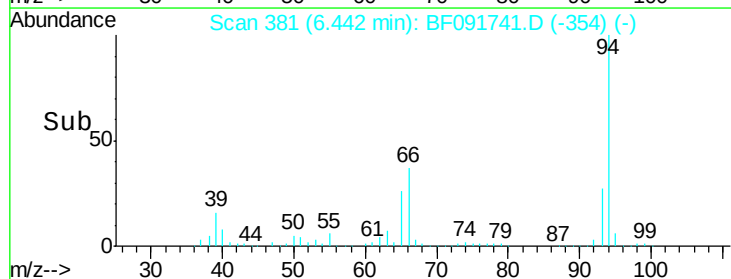
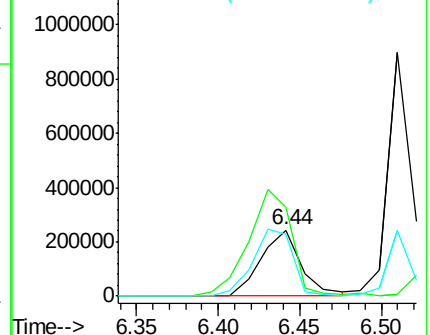
65 94.1 49.3 73.9#

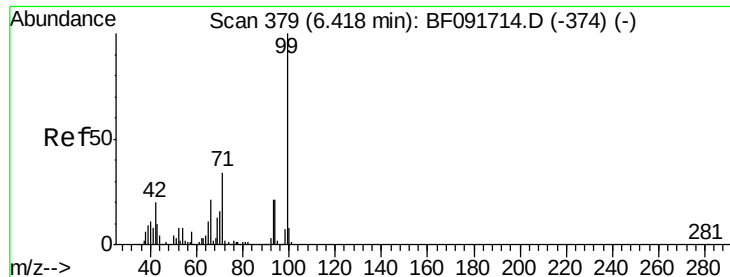


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.57 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

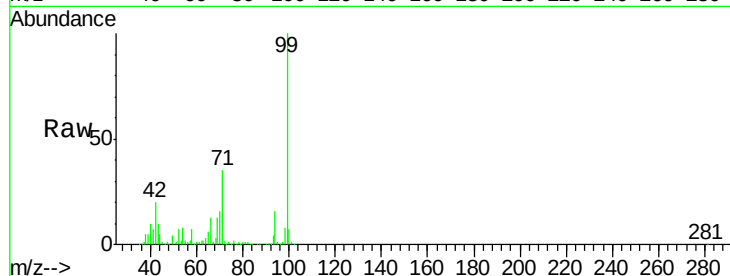
Tot Ion: 99 Resp: 3110941

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

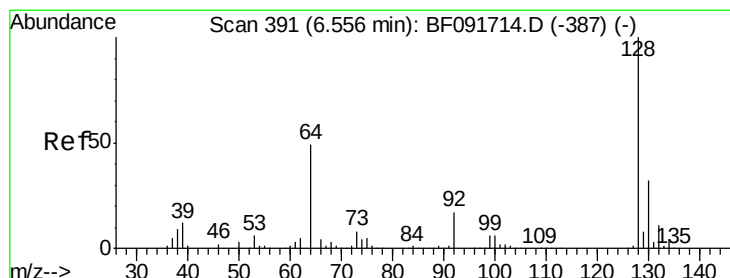
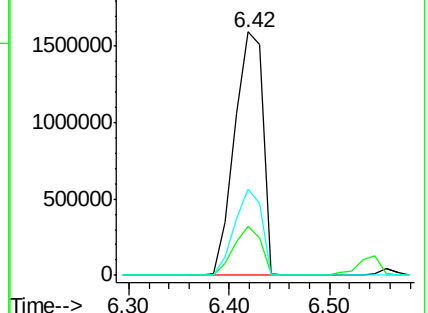
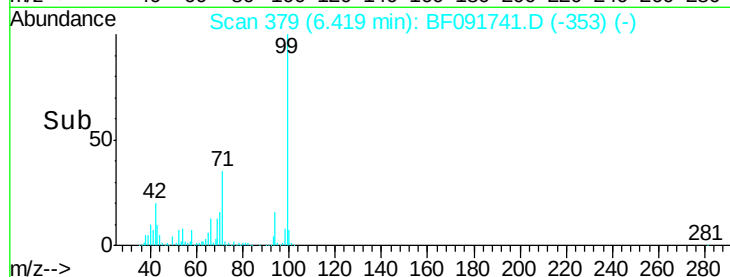
71 35.2 27.5 41.3



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: 45.02 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

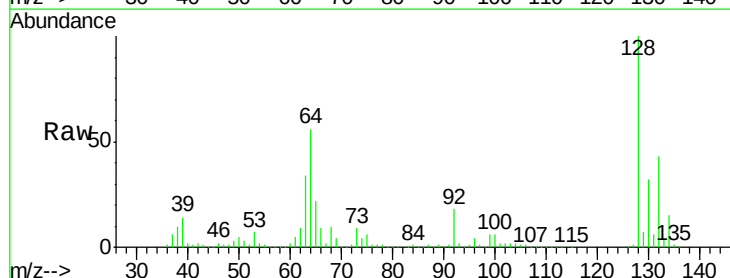
Tgt Ion:128 Resp: 939361

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

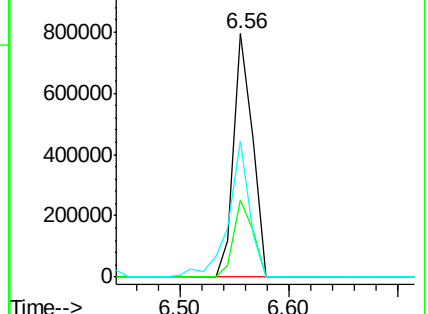
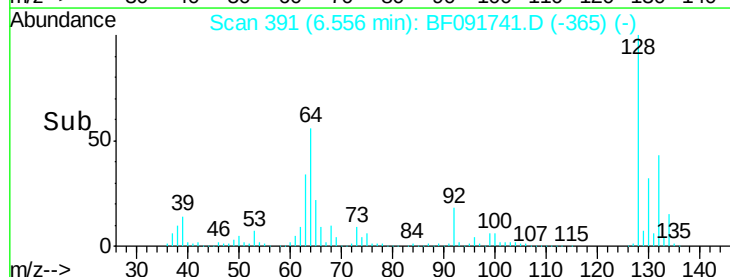
64 56.1 32.2 72.2

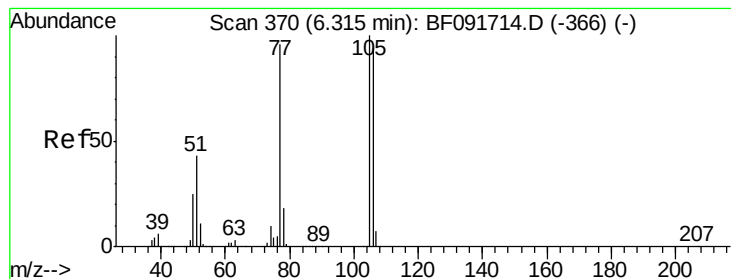


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.67 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

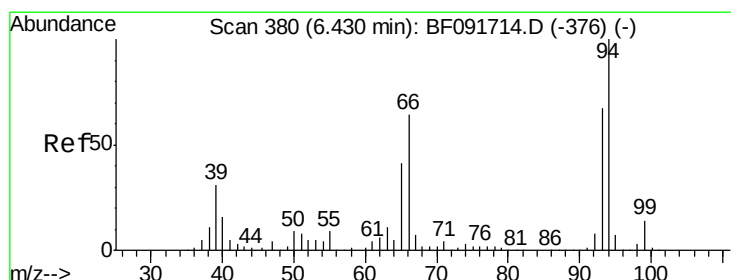
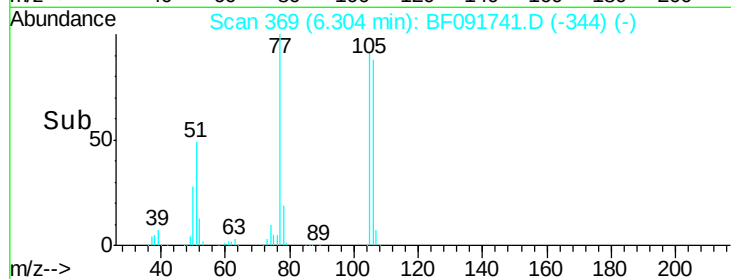
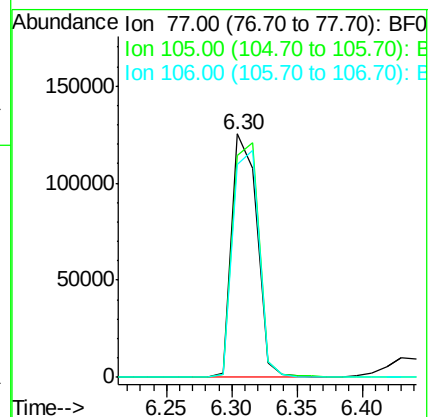
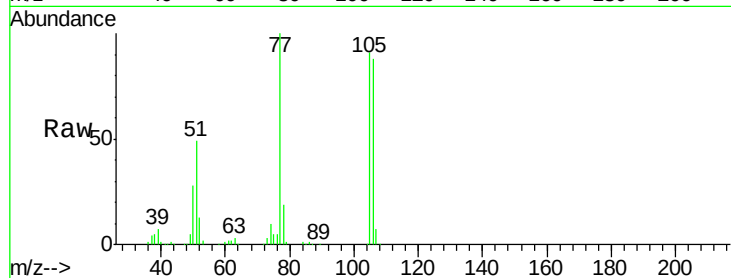
Tot Ion: 77 Resp: 168603

Ion Ratio Lower Upper

77 100

105 91.2 83.9 123.9

106 87.7 77.6 117.6



#10

Phenol

Concen: 48.83 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

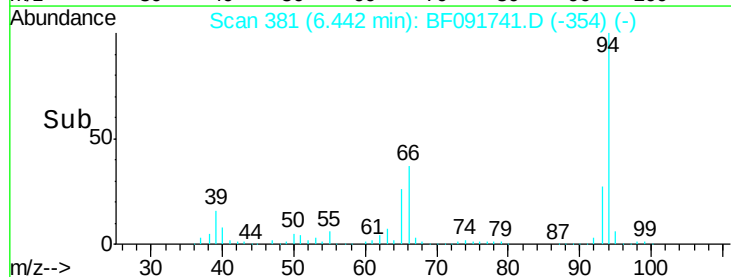
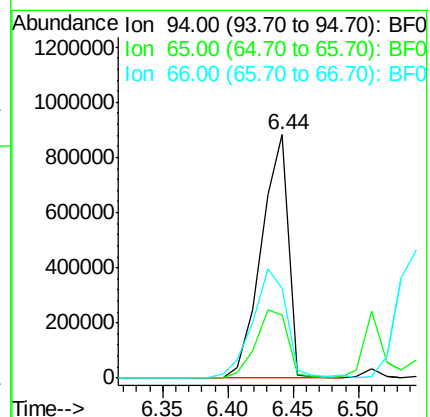
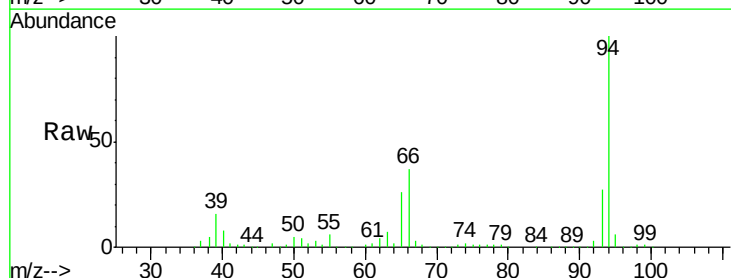
Tgt Ion: 94 Resp: 1272341

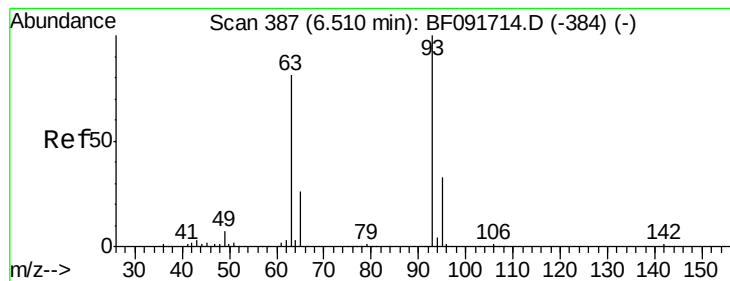
Ion Ratio Lower Upper

94 100

65 25.9 21.4 61.4

66 37.2 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 41.83 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

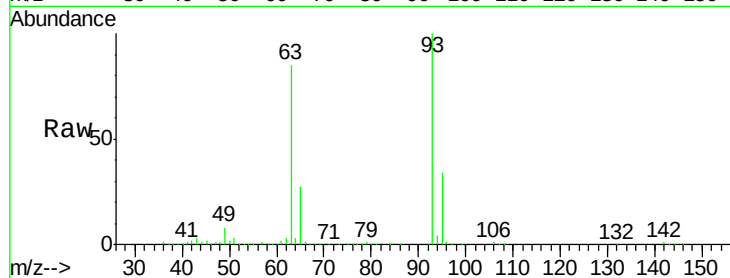
Tot Ion: 93 Resp: 870541

Ion Ratio Lower Upper

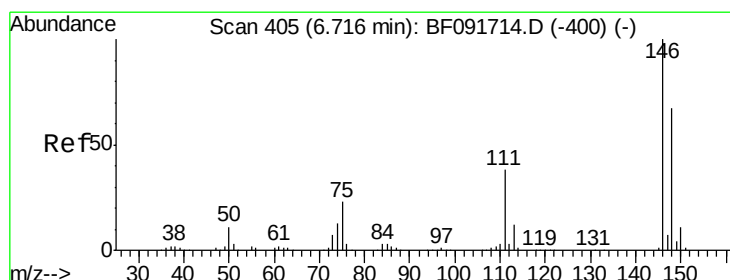
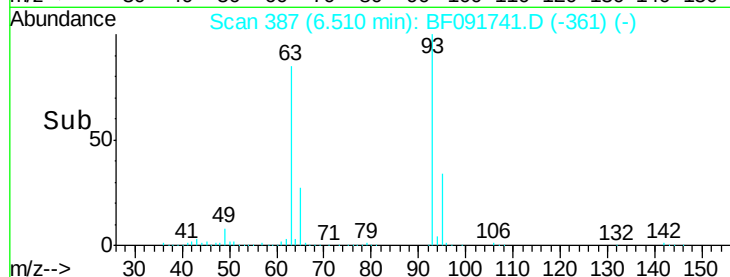
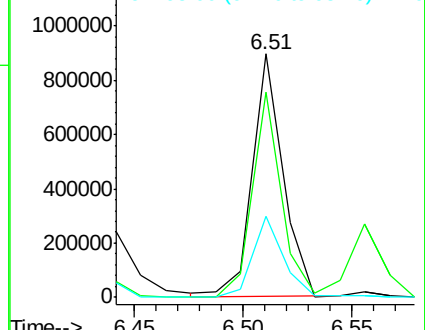
93 100

63 84.5 60.4 100.4

95 33.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.03 ng m

RT: 6.70 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

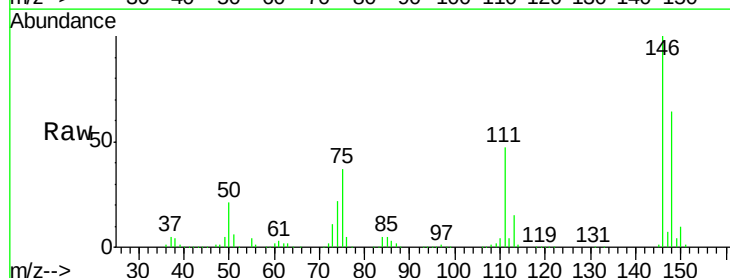
Tgt Ion: 146 Resp: 940213

Ion Ratio Lower Upper

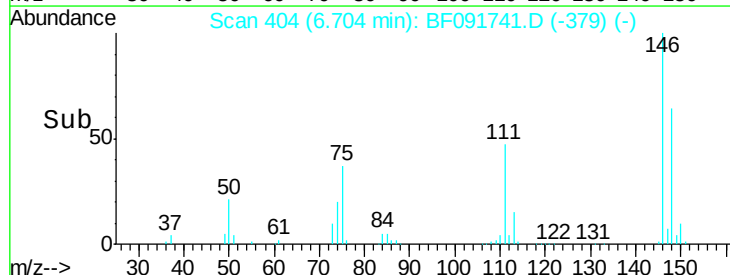
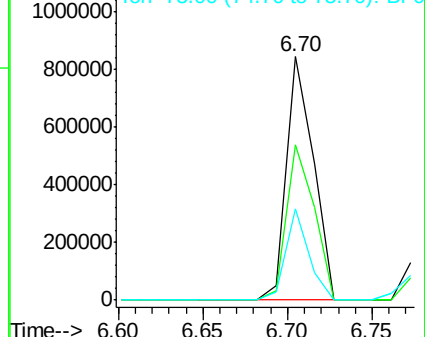
146 100

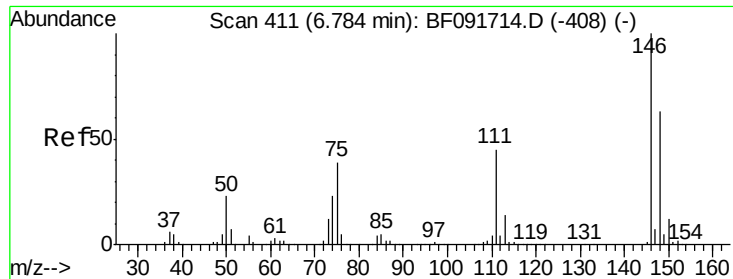
148 63.5 53.4 80.0

75 37.5 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

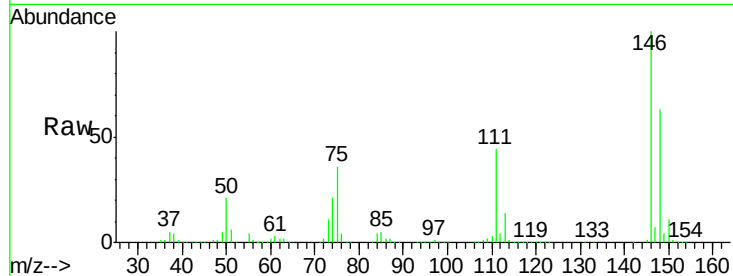




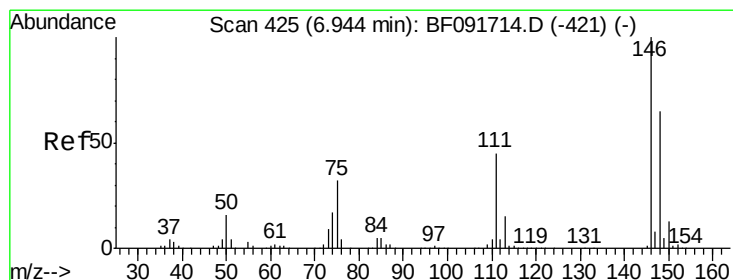
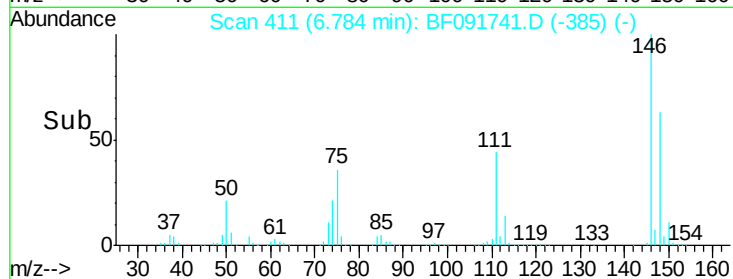
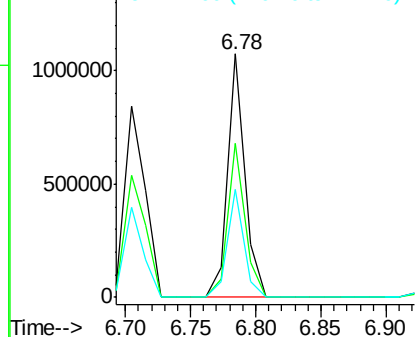
#13
 1,4-Dichlorobenzene
 Concen: 42.64 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

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

Tot Ion:146 Resp: 988535
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 44.4 36.2 54.4

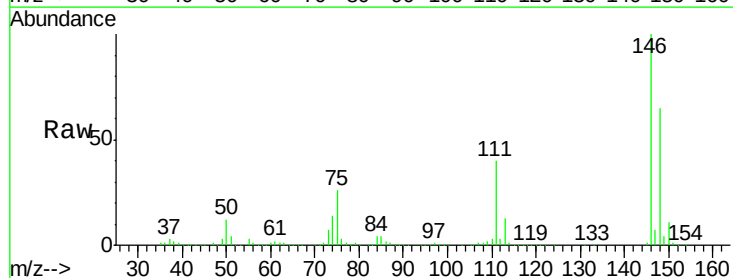


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

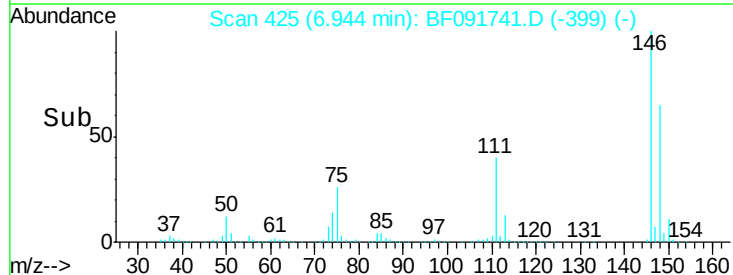
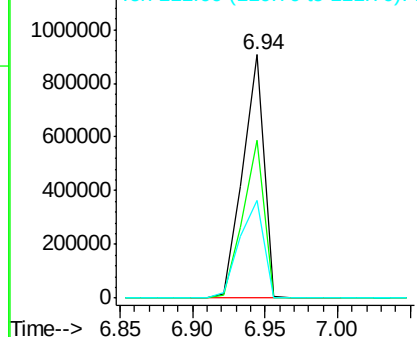


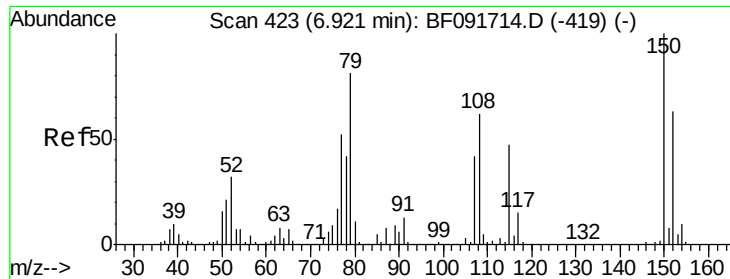
#14
 1,2-Dichlorobenzene
 Concen: 45.50 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion:146 Resp: 924103
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 39.9 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

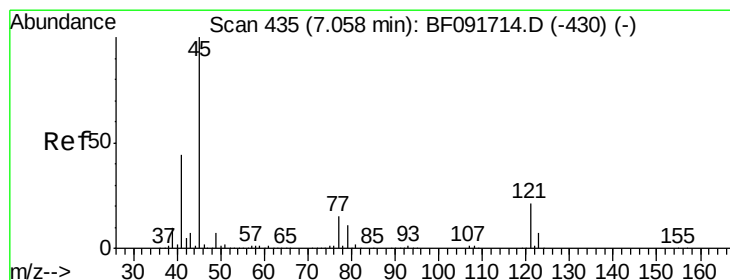
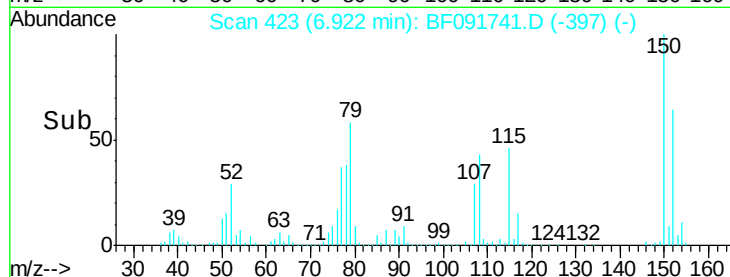
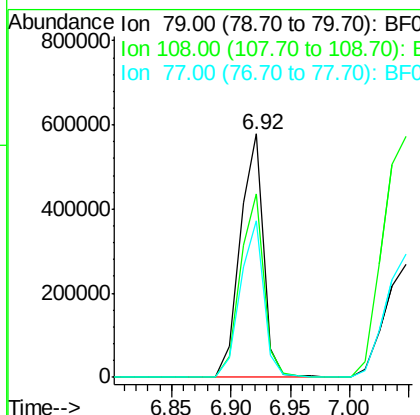
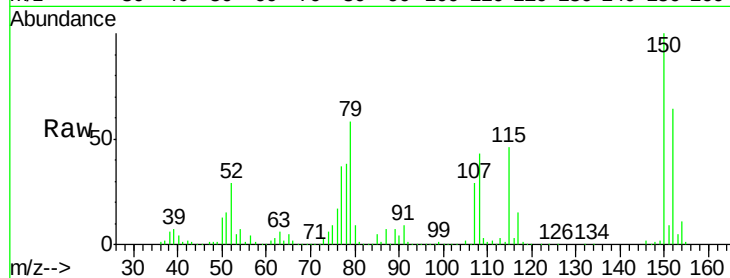




#15
Benzyl Alcohol
Concen: 44.23 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

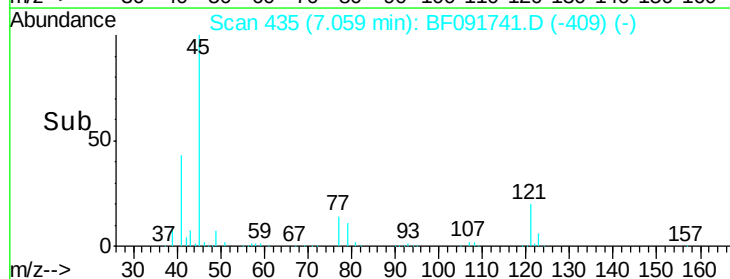
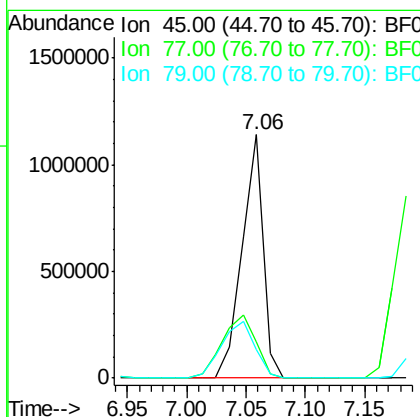
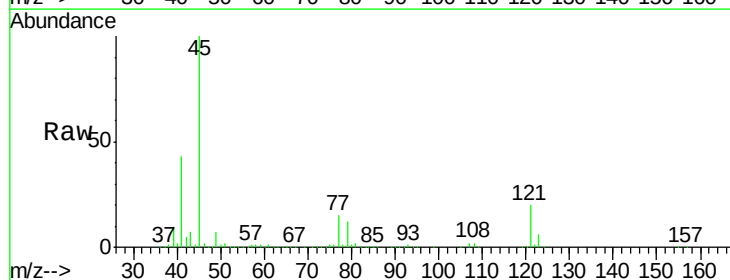
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

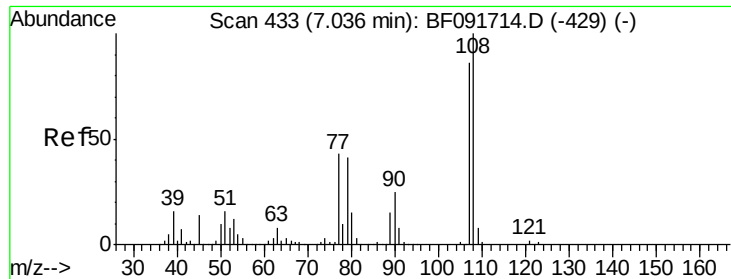
Tot Ion: 79 Resp: 791711
Ion Ratio Lower Upper
79 100
108 75.2 61.4 92.0
77 64.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.72 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion: 45 Resp: 1422121
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.8 0.0 31.2

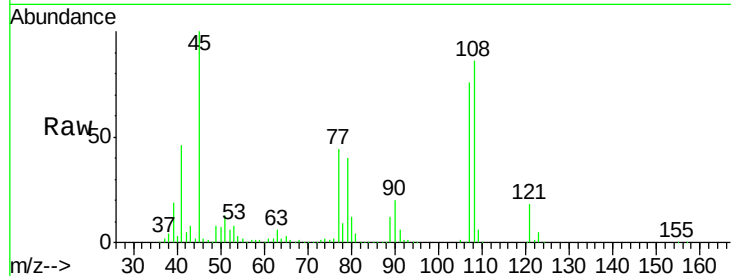




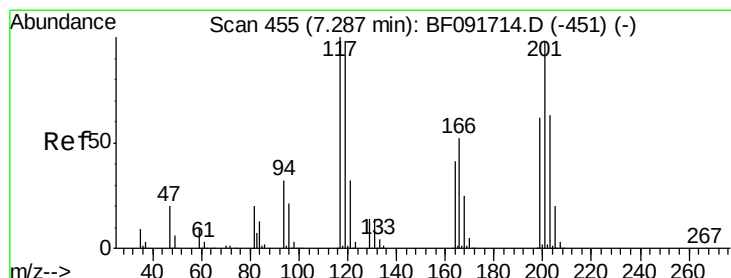
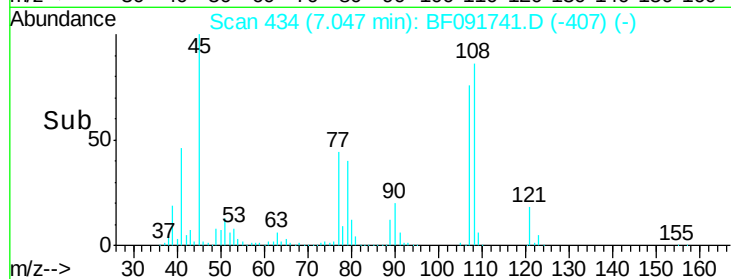
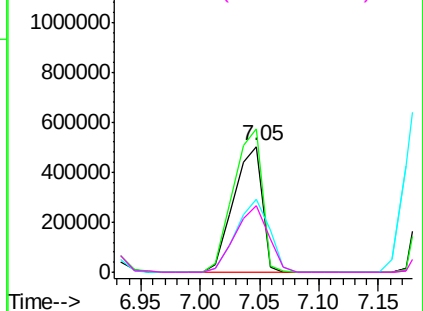
#17
2-Methylphenol
Concen: 48.46 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	93.0	139.6
77	58.5	39.8	59.8
79	53.2	38.0	57.0

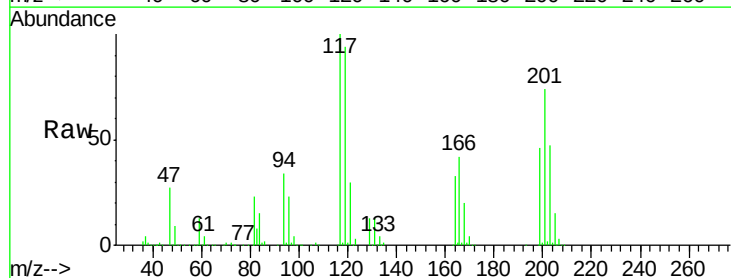


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

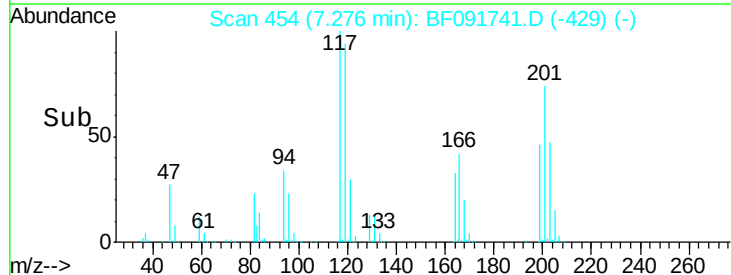
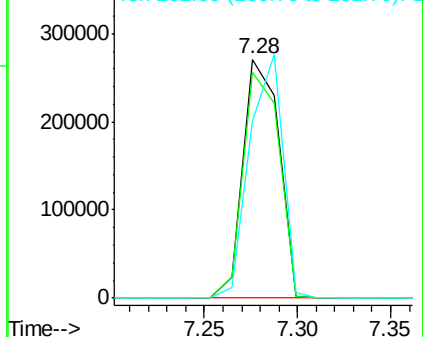


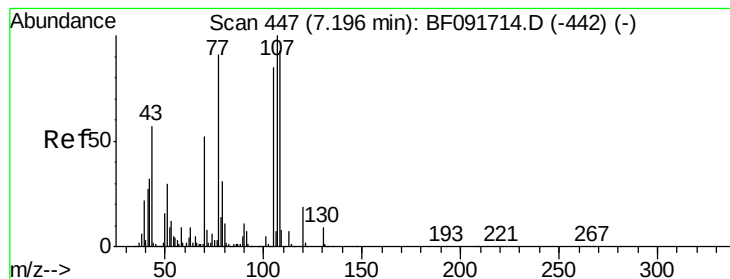
#18
Hexachloroethane
Concen: 42.02 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.1	117.1
201	74.2	78.6	117.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.13 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 70 Resp: 693908

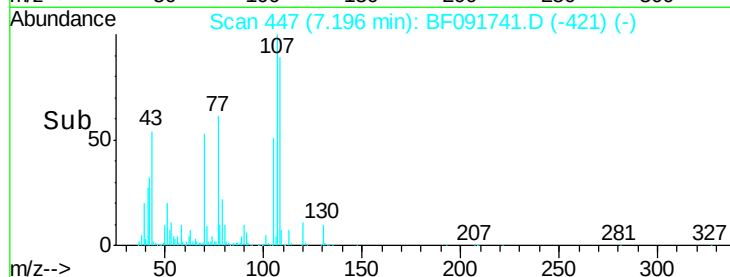
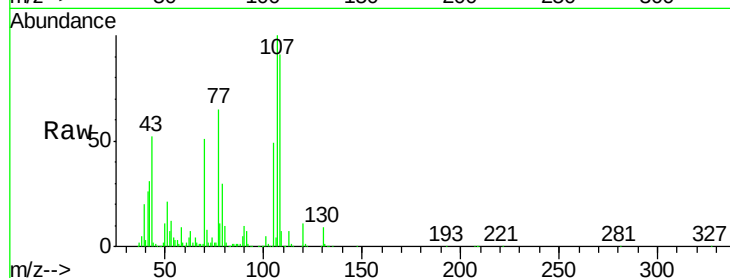
Ion Ratio Lower Upper

70 100

42 61.2 49.4 74.0

101 8.8 7.4 11.2

130 18.4 14.2 21.4

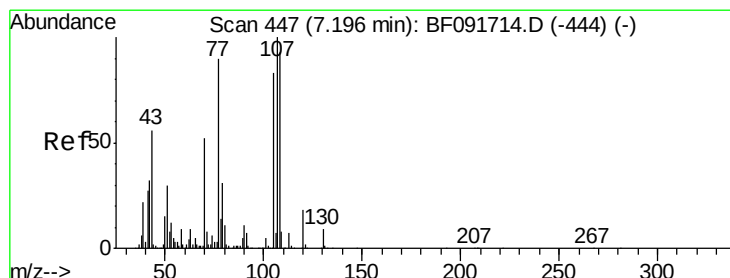
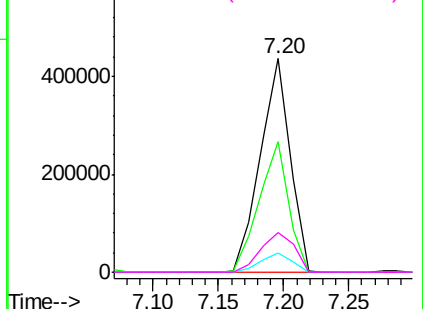


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 50.51 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Tgt Ion: 107 Resp: 982350

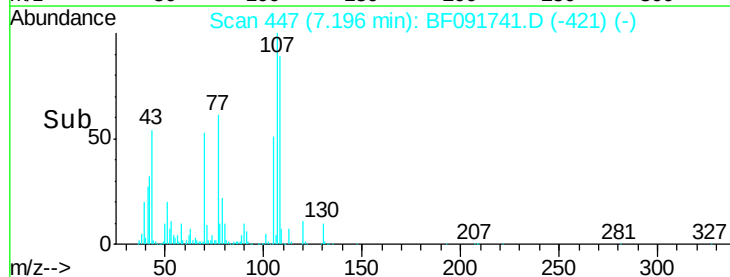
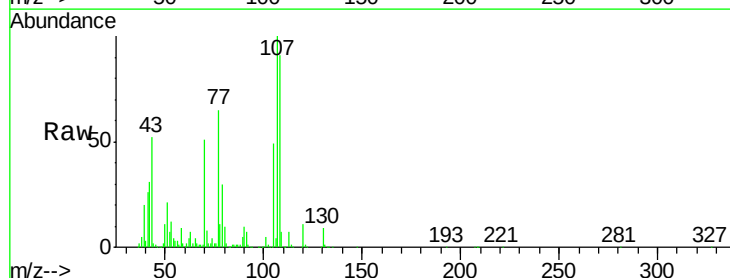
Ion Ratio Lower Upper

107 100

108 91.3 73.0 113.0

77 64.5 71.3 111.3#

79 30.1 11.1 51.1

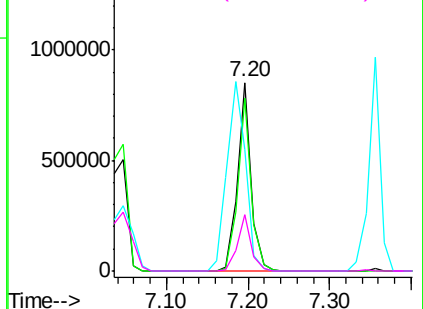


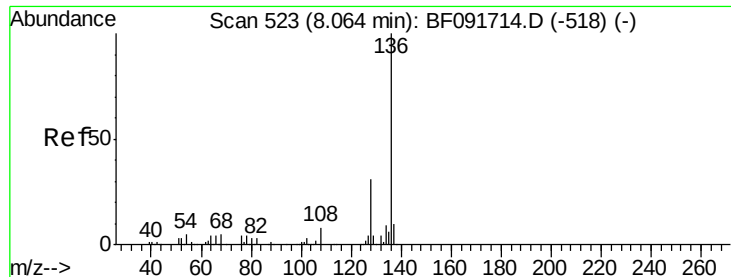
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

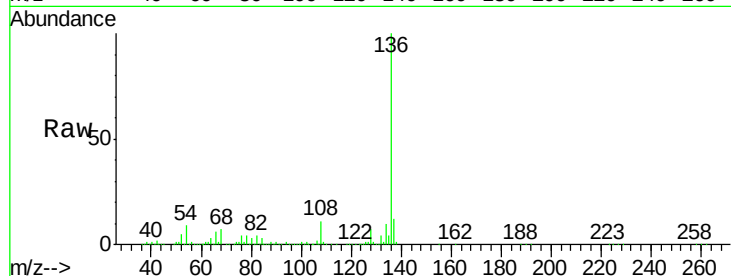




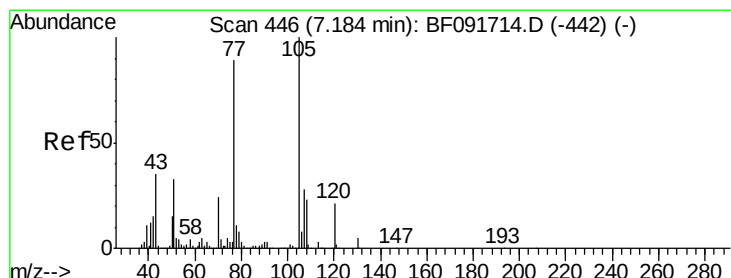
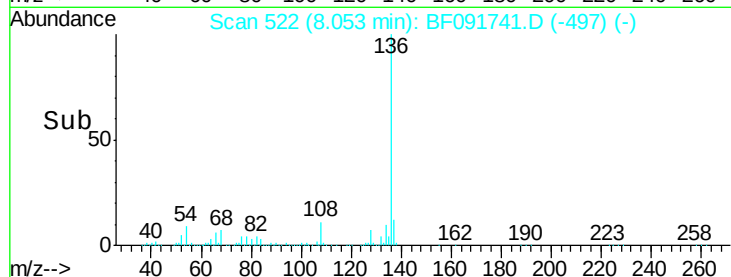
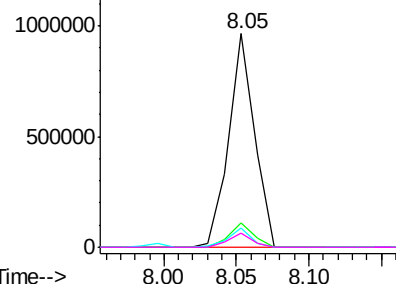
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

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

Tot Ion:136	Resp: 1191158
Ion Ratio	Lower Upper
136 100	
137 11.6	8.4 12.6
54 9.1	4.5 6.7#
68 6.8	3.6 5.4#

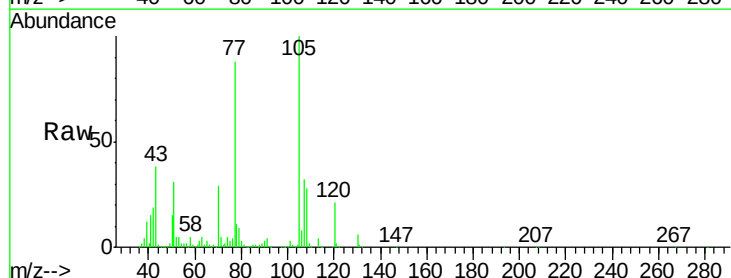


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

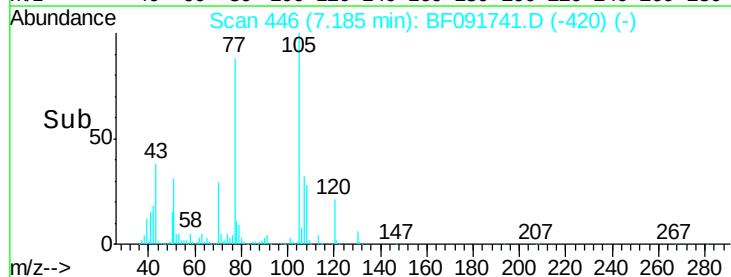
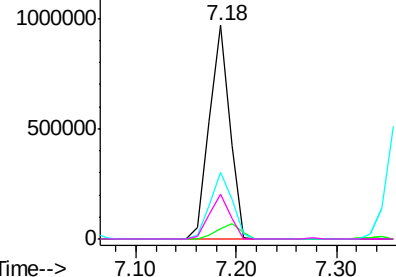


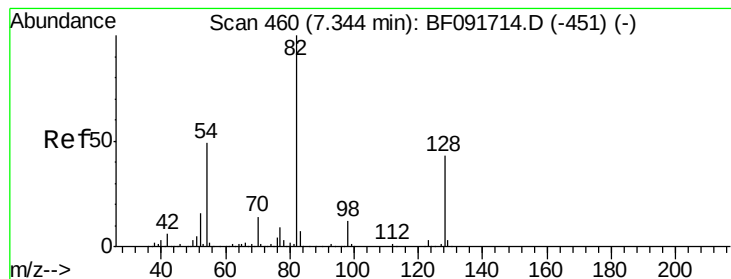
#22
Acetophenone
Concen: 47.31 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt	Ion:105	Resp:	1360538
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.2	4.8#
51	31.4	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





#23

Nitrobenzene-d5

Concen: 95.05 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

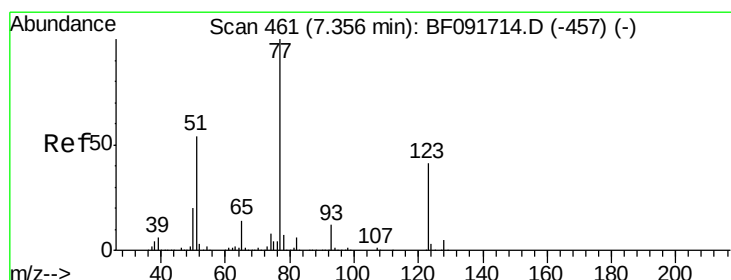
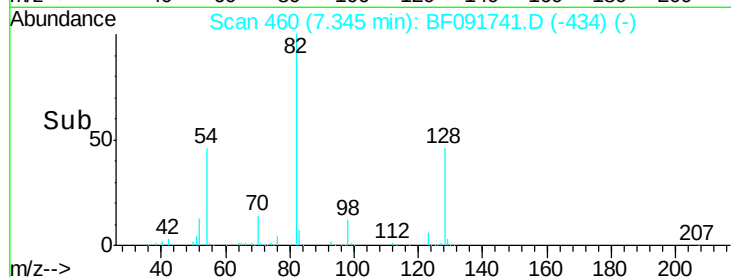
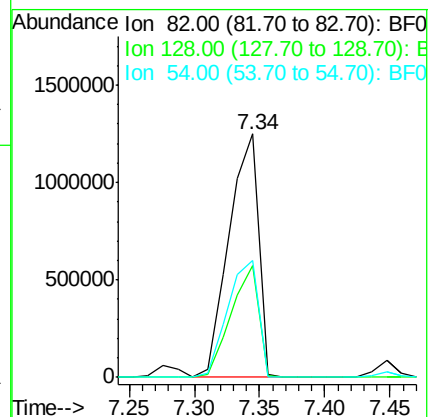
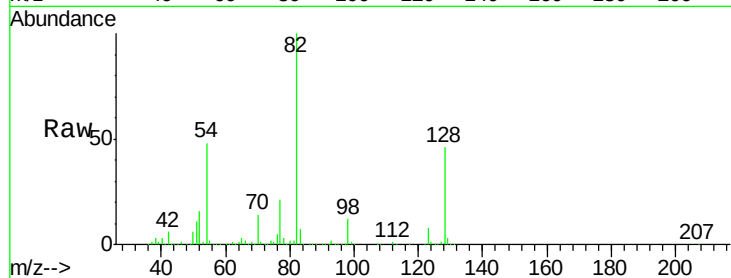
Tot Ion: 82 Resp: 1963229

Ion Ratio Lower Upper

82 100

128 46.2 34.6 52.0

54 47.8 39.5 59.3



#24

Nitrobenzene

Concen: 43.19 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

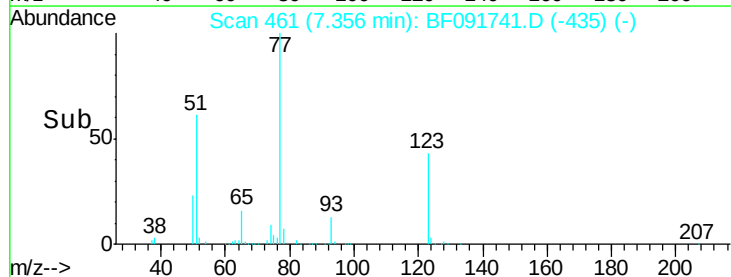
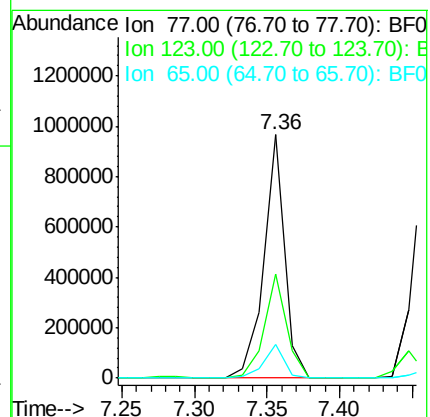
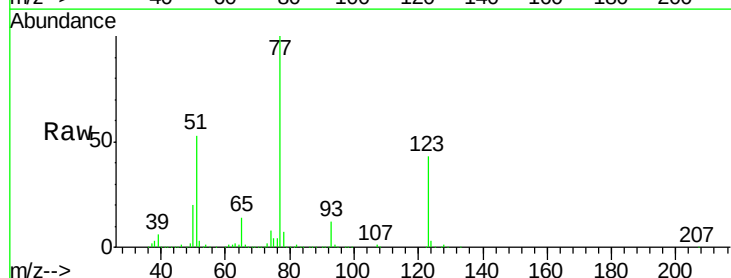
Tgt Ion: 77 Resp: 957995

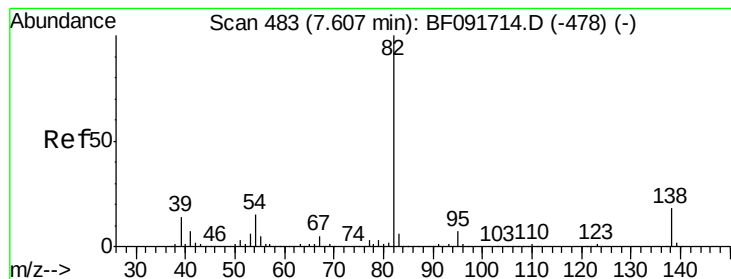
Ion Ratio Lower Upper

77 100

123 42.9 33.0 49.4

65 13.6 11.2 16.8





#25

Isophorone

Concen: 51.69 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

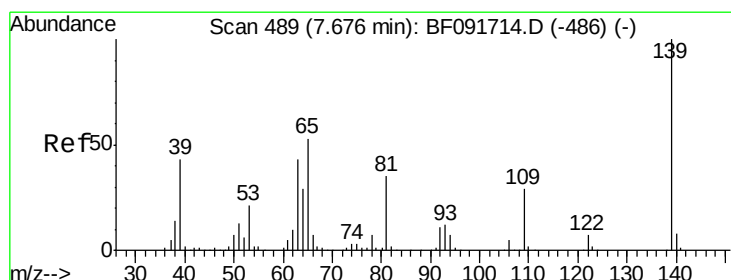
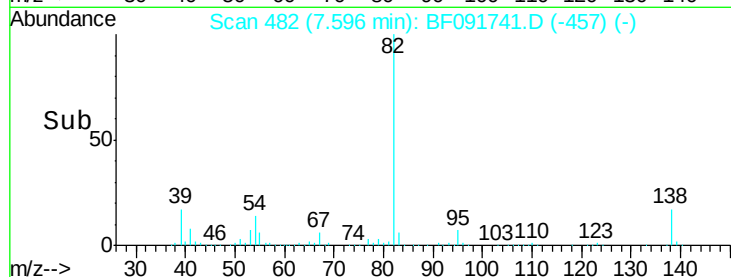
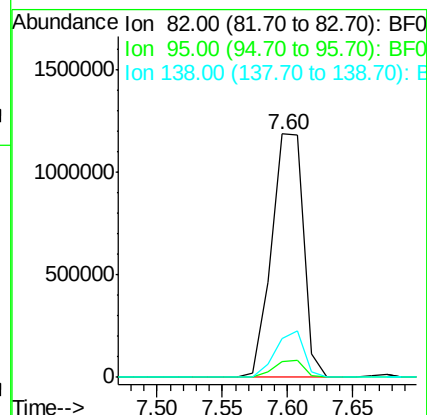
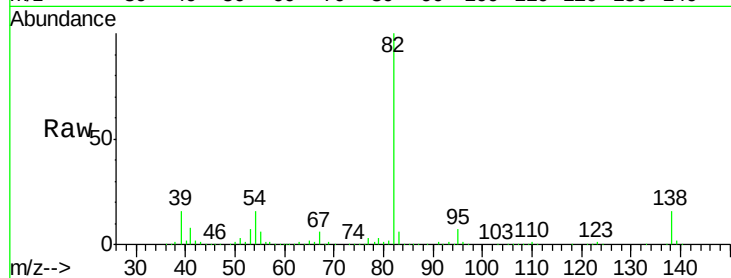
Tot Ion: 82 Resp: 2037220

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 15.9 14.6 22.0



#26

2-Nitrophenol

Concen: 59.51 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

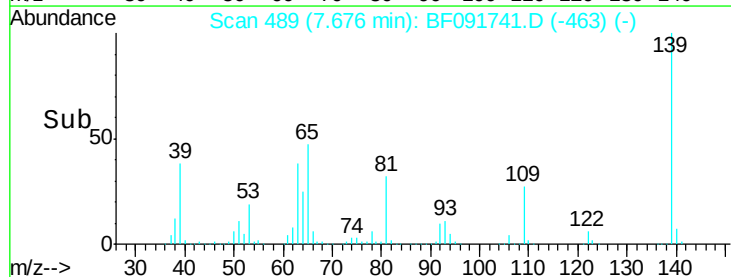
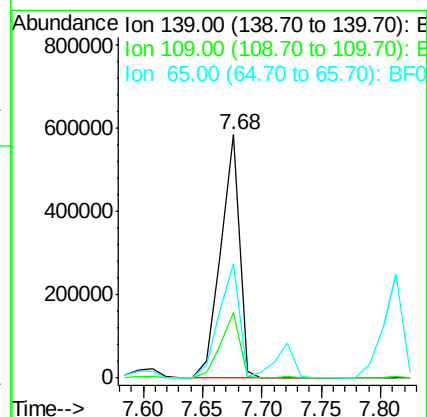
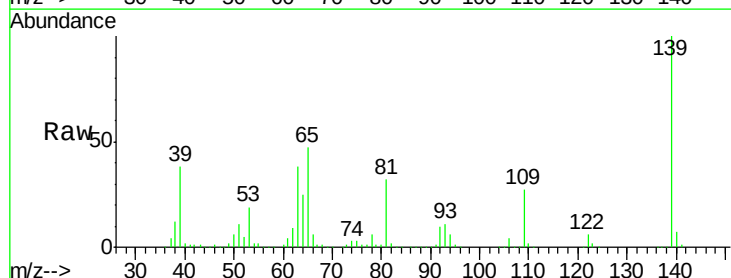
Tgt Ion: 139 Resp: 636737

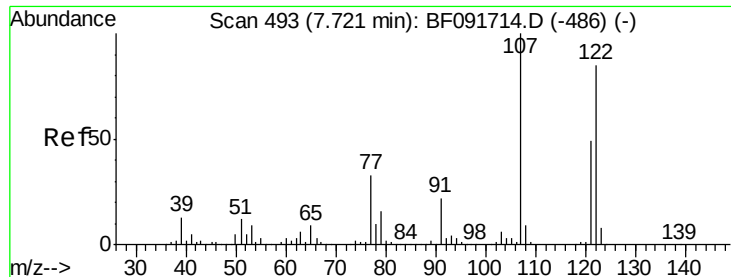
Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 47.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 55.52 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

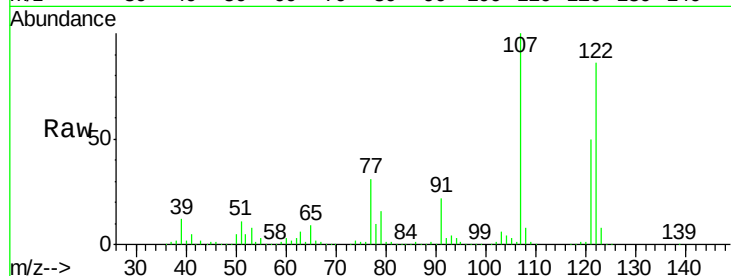
Tot Ion:122 Resp: 969142

Ion Ratio Lower Upper

122 100

107 117.0 94.1 141.1

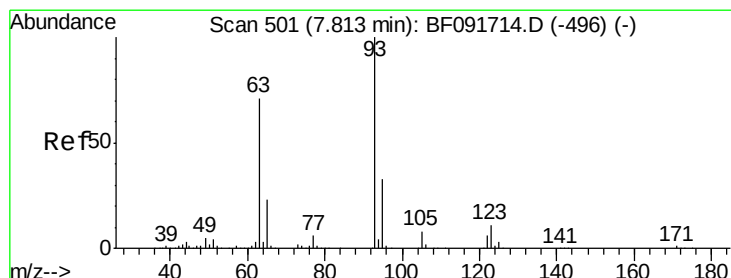
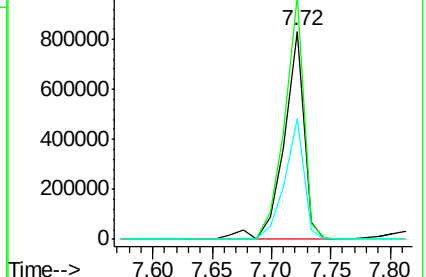
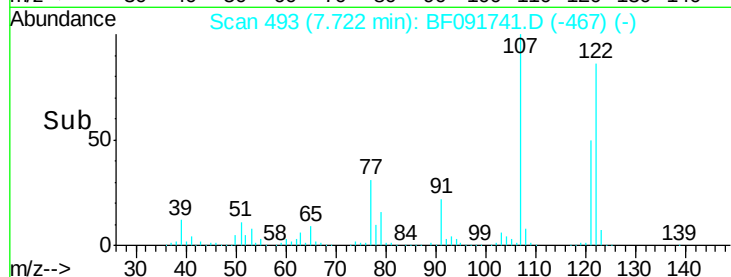
121 58.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.90 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

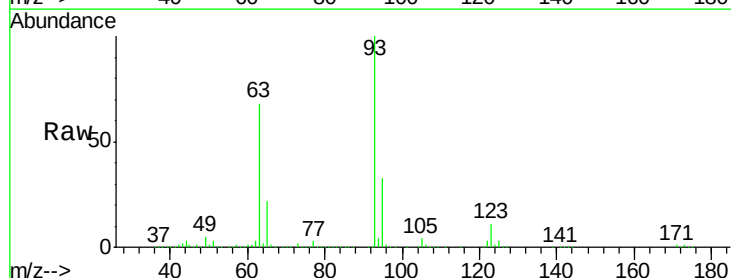
Tgt Ion: 93 Resp: 1312138

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

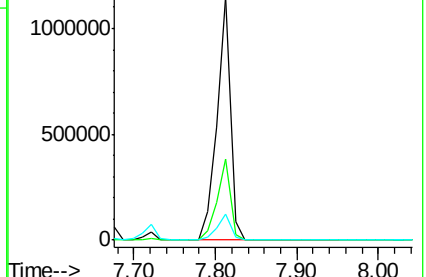
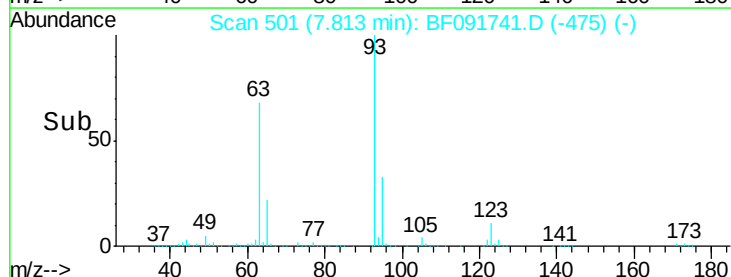
123 10.8 8.6 13.0

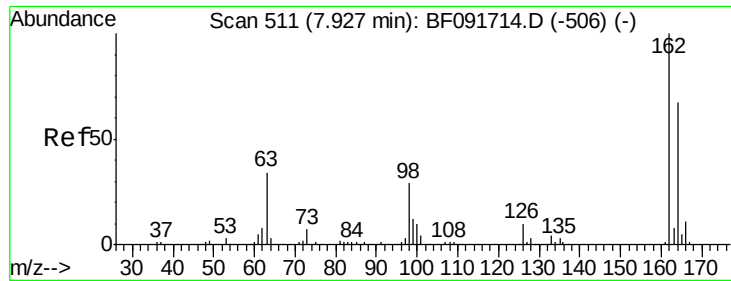


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

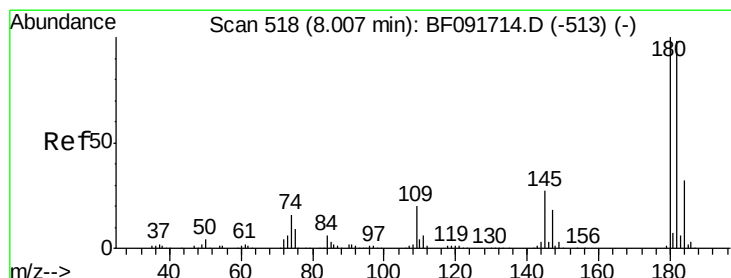
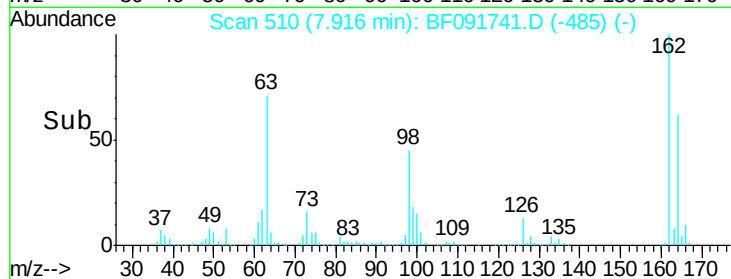
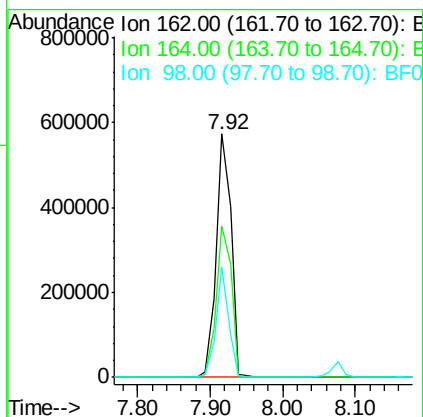
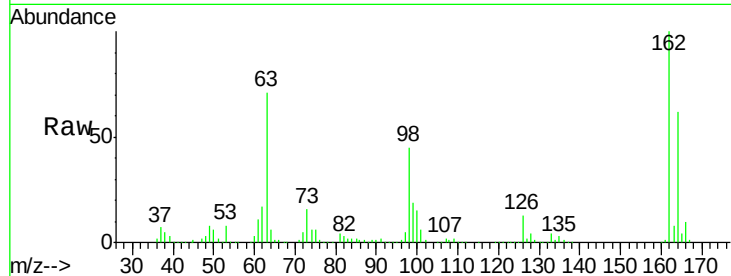




#29
2,4-Dichlorophenol
Concen: 50.72 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

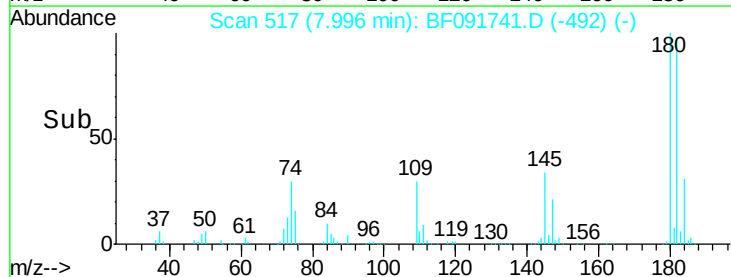
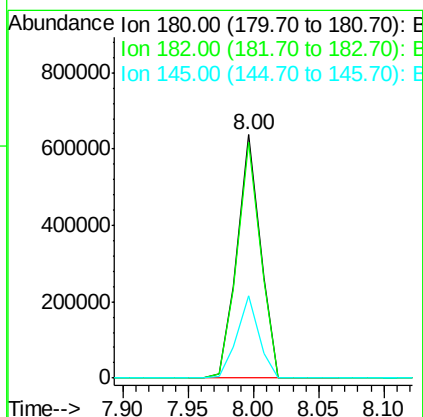
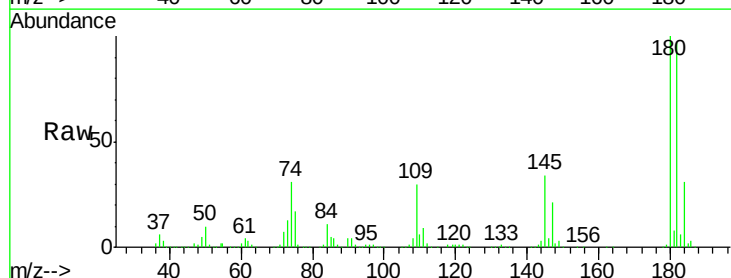
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

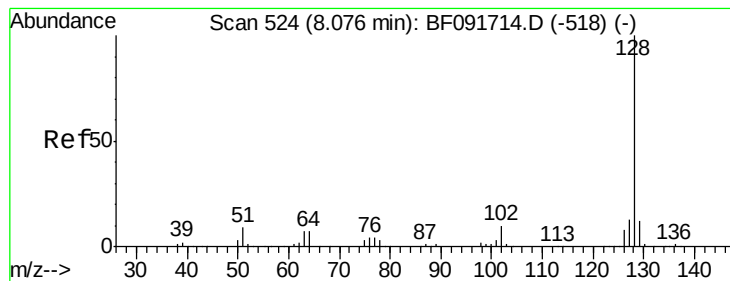
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.8	86.8
98	45.5	9.1	49.1



#30
1,2,4-Trichlorobenzene
Concen: 45.40 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	78.2	117.4
145	33.6	21.6	32.4





#31

Naphthalene

Concen: 43.64 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

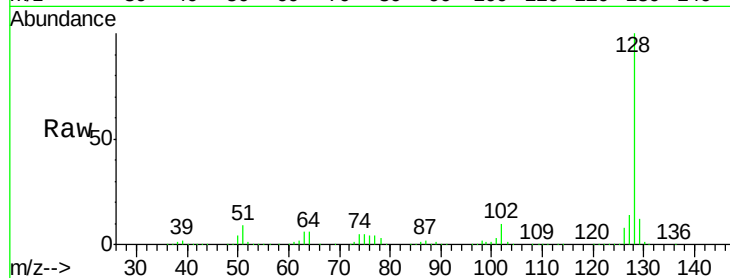
Tot Ion:128 Resp: 2483329

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

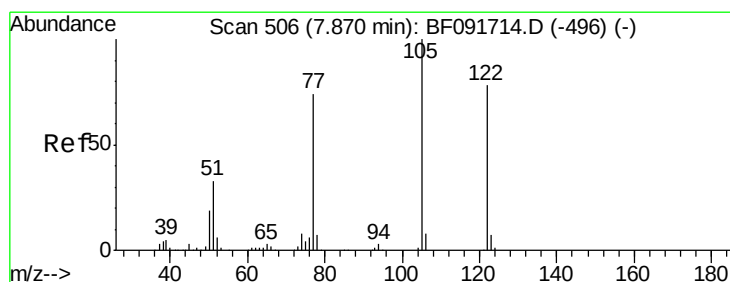
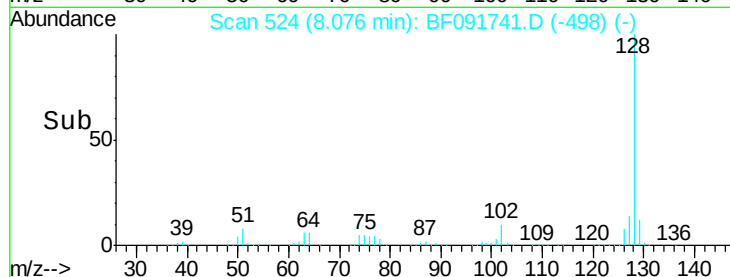
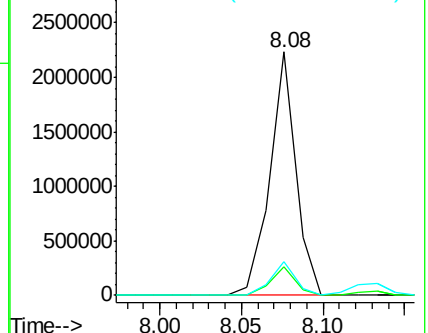
127 13.9 10.8 16.2



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: 5.45 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

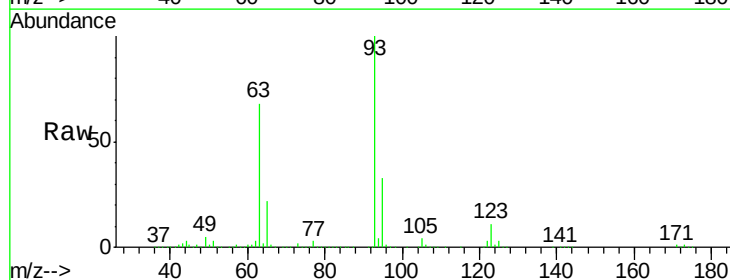
Tgt Ion:122 Resp: 67745

Ion Ratio Lower Upper

122 100

105 127.5 107.2 147.2

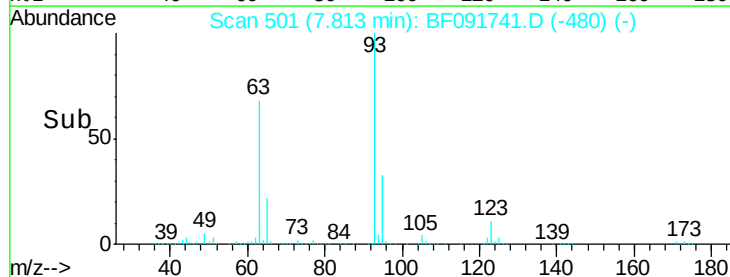
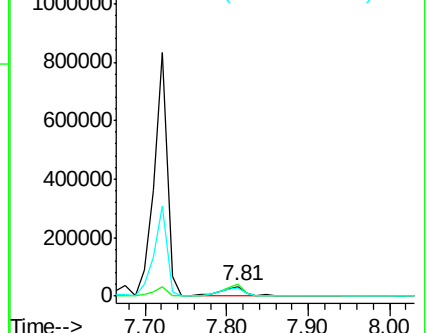
77 89.9 74.5 114.5

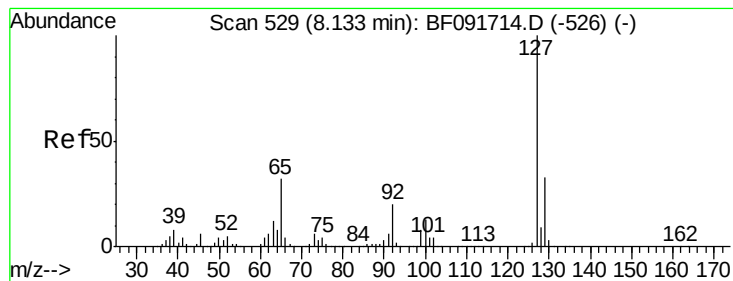


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.07 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:127 Resp: 193439

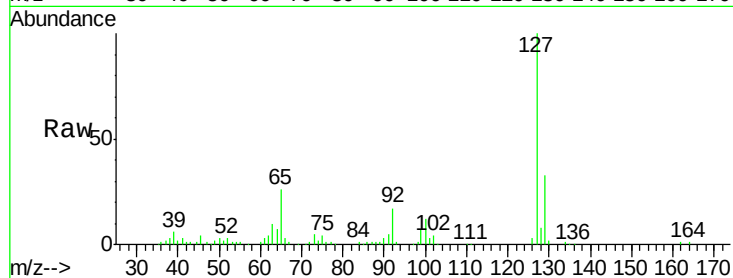
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 26.0 25.8 38.8

92 17.1 16.1 24.1

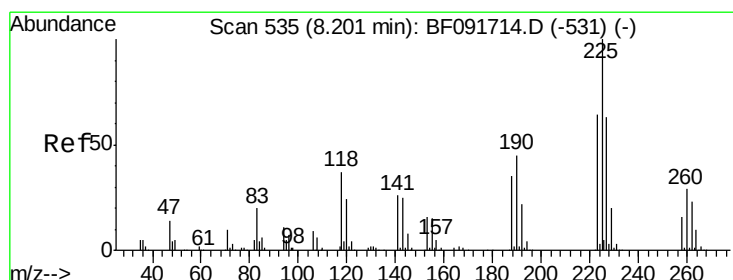
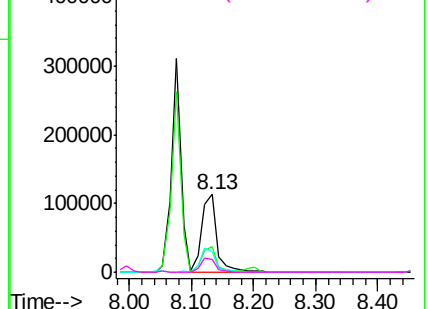
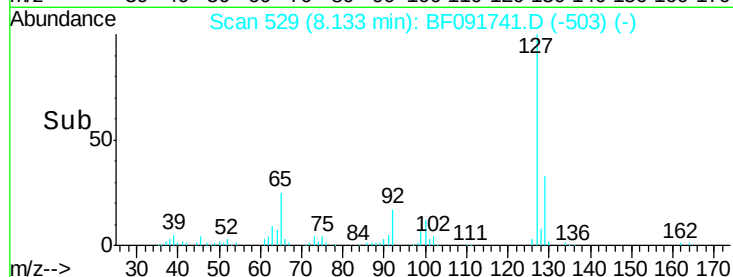


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 45.75 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

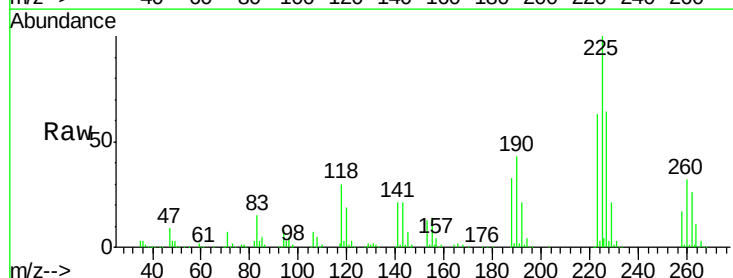
Tgt Ion:225 Resp: 448746

Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.6

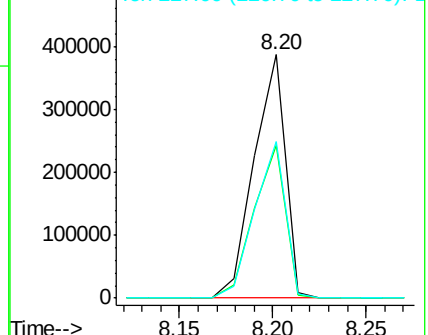
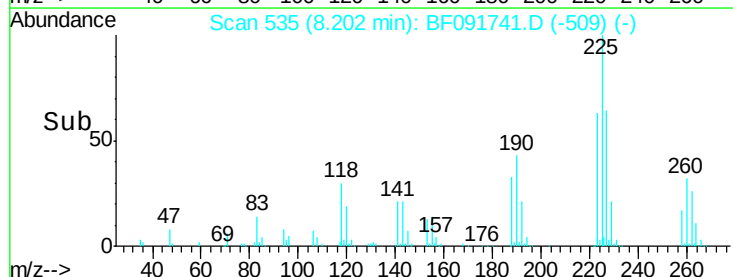
227 64.4 50.6 76.0

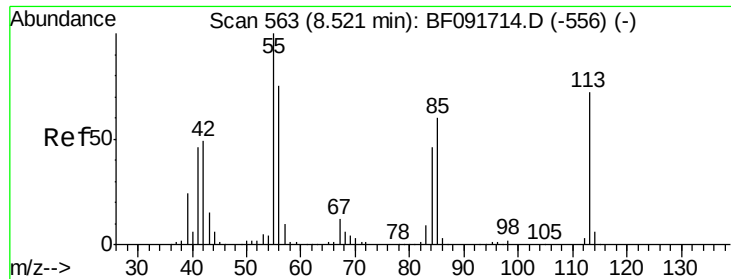


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 54.66 ng/mL

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

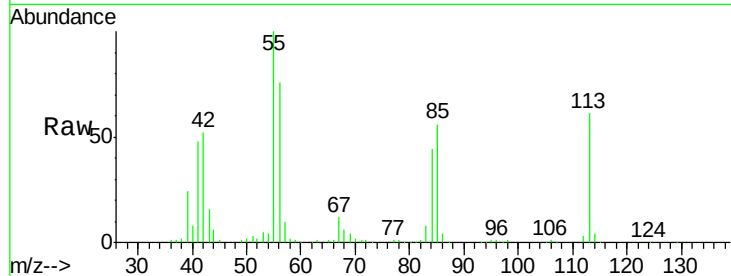
Tot Ion:113 Resp: 283157

Ion Ratio Lower Upper

113 100

55 163.0 119.2 159.2#

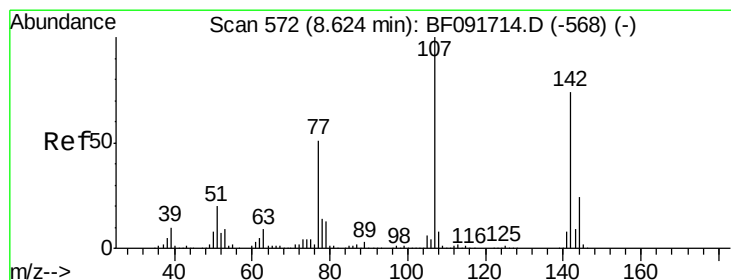
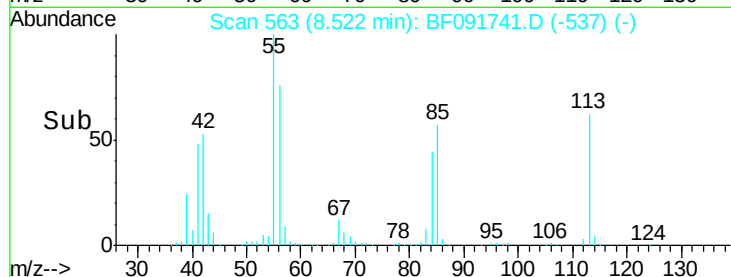
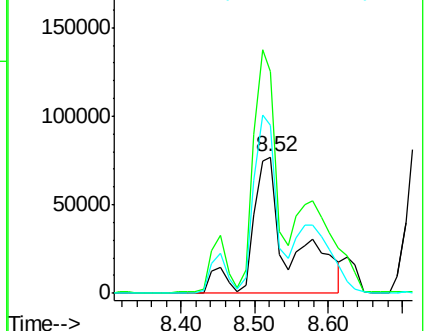
56 123.3 83.8 123.8



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: 56.24 ng/mL

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

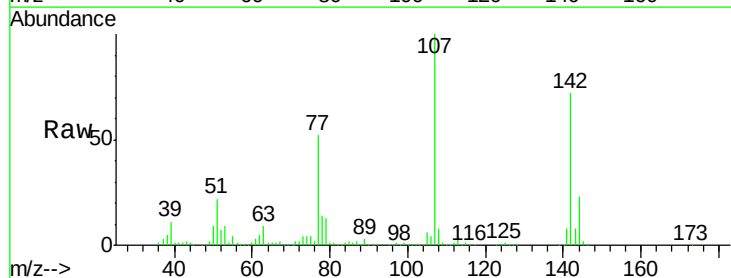
Tgt Ion:107 Resp: 998908

Ion Ratio Lower Upper

107 100

144 23.0 19.3 28.9

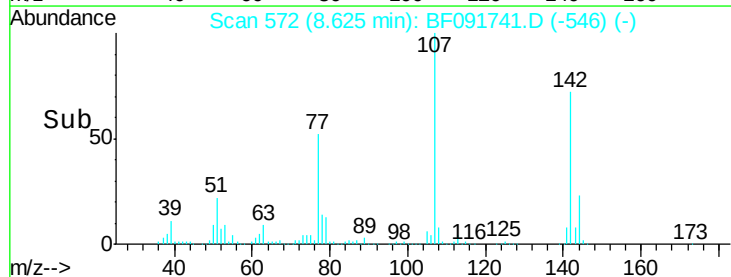
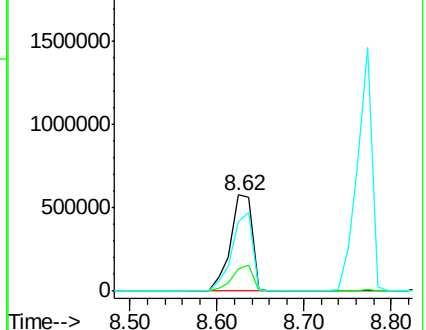
142 71.7 59.0 88.6

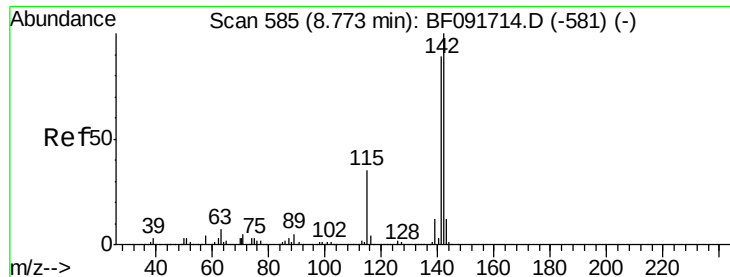


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

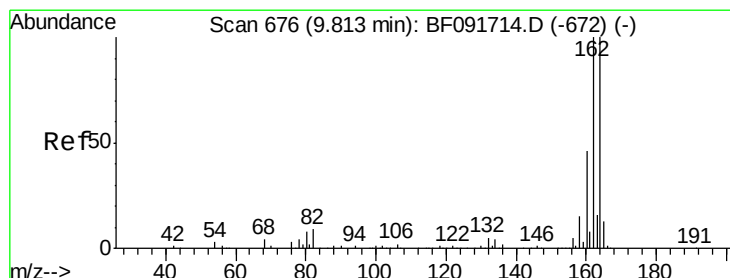
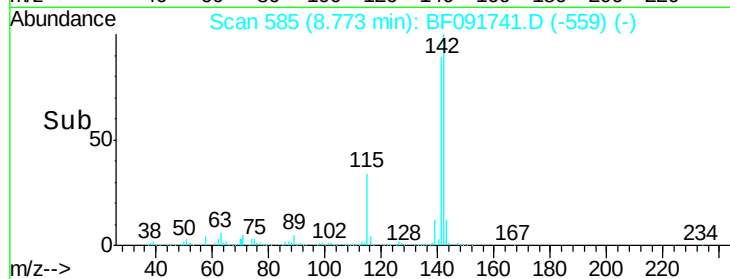
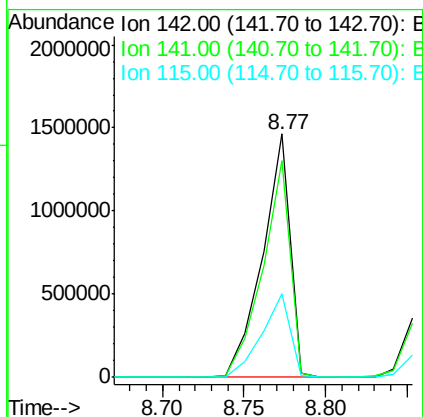
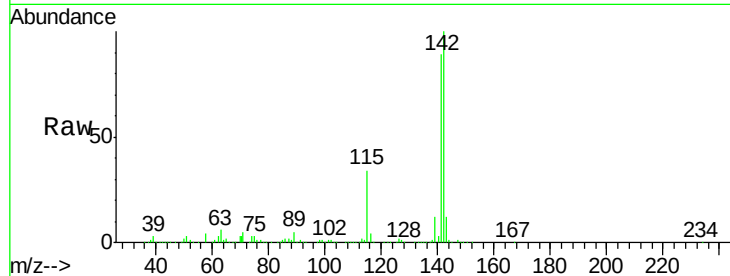




#37
2-Methylnaphthalene
Concen: 48.25 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

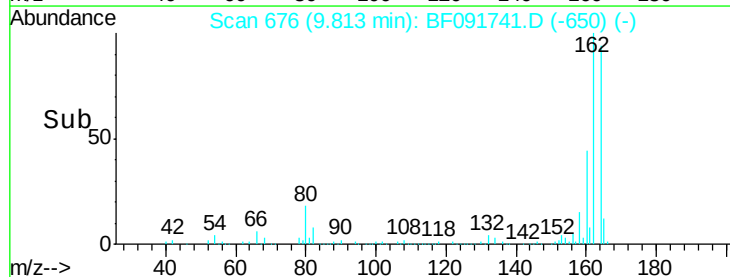
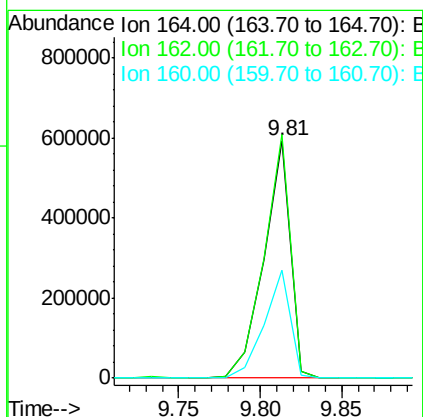
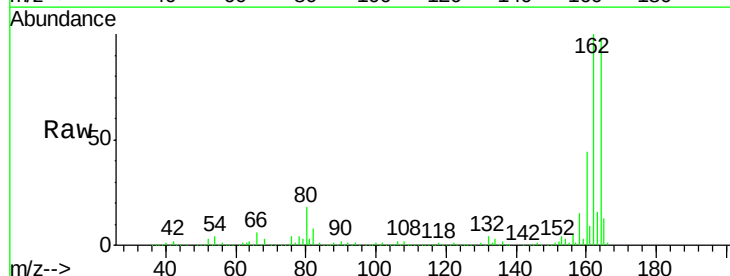
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

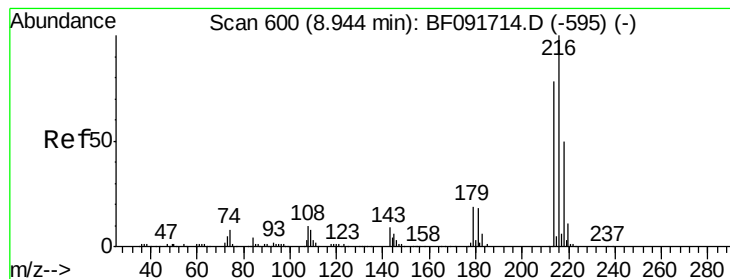
Tot Ion:142 Resp: 1731140
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 34.1 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion:164 Resp: 668160
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 45.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.13 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:216 Resp: 684955

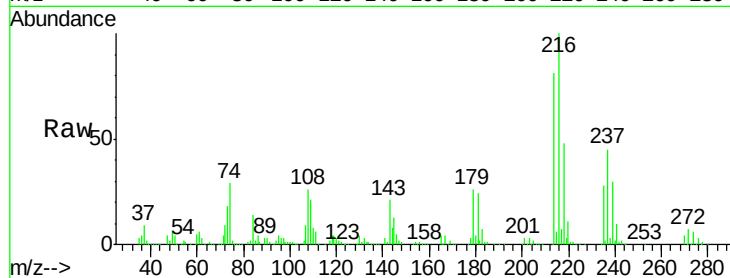
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 22.4 17.4 26.2

108 22.4 15.6 23.4

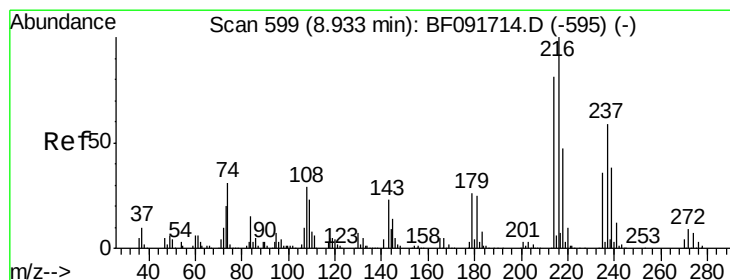
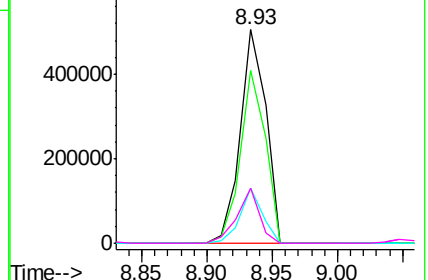
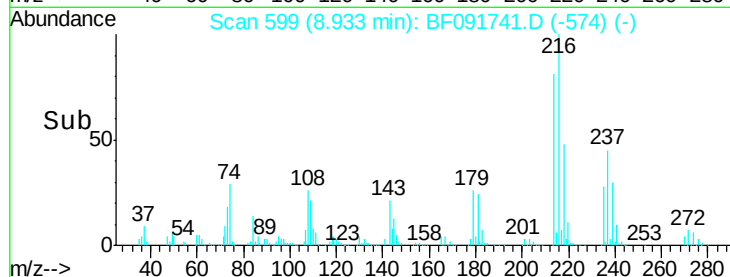


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.49 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

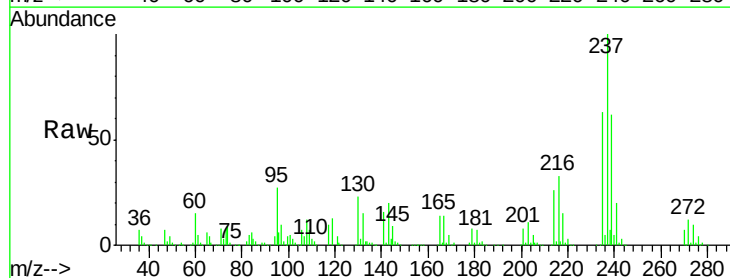
Tgt Ion:237 Resp: 582285

Ion Ratio Lower Upper

237 100

235 63.3 41.2 81.2

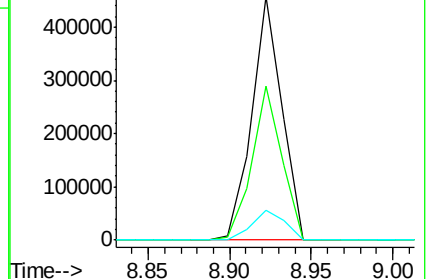
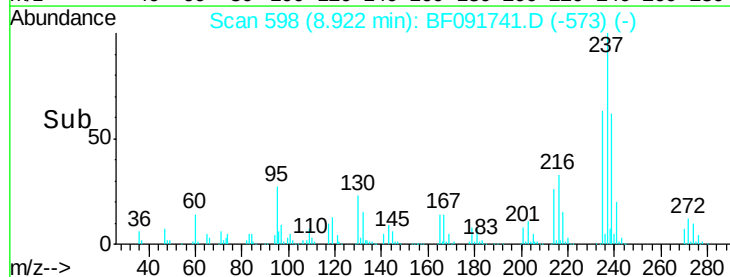
272 12.5 0.0 35.4

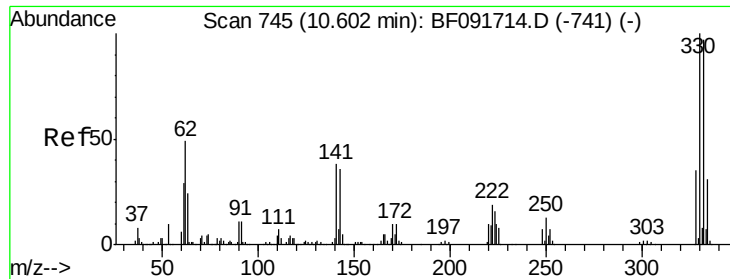


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

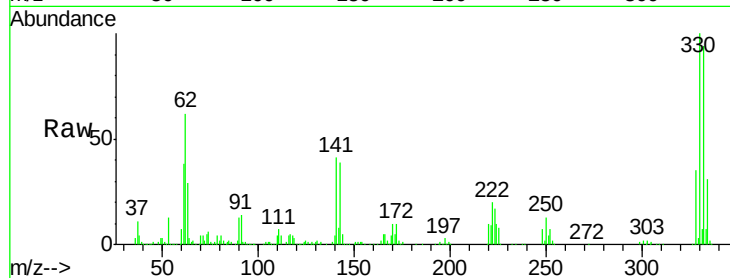




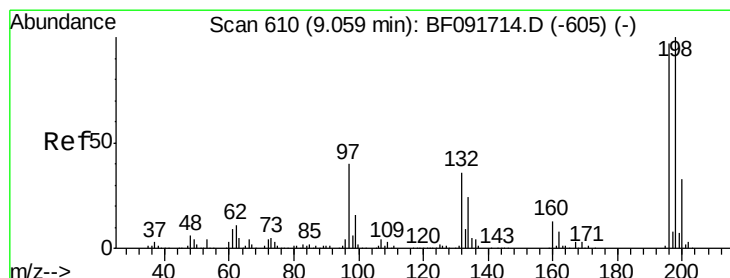
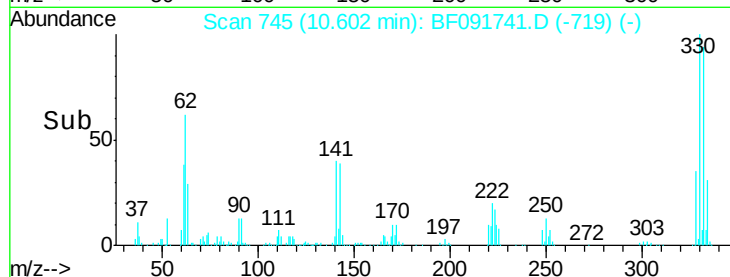
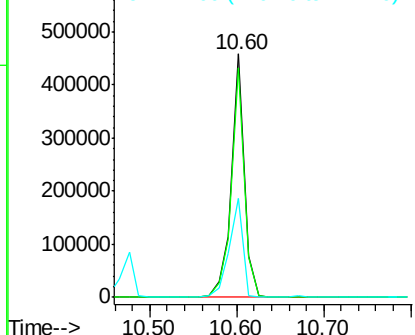
#41
 2,4,6-Tribromophenol
 Concen: 83.63 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

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

Tot Ion:330 Resp: 473798
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 43.0 34.1 51.1

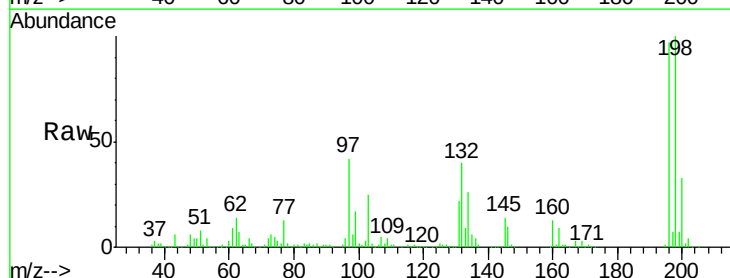


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

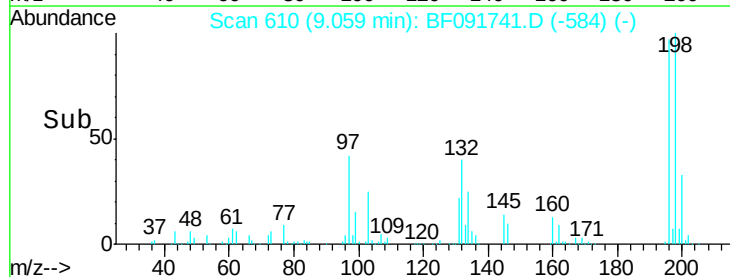
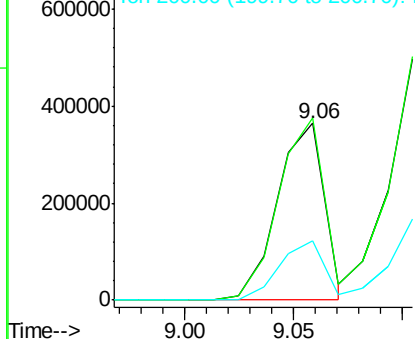


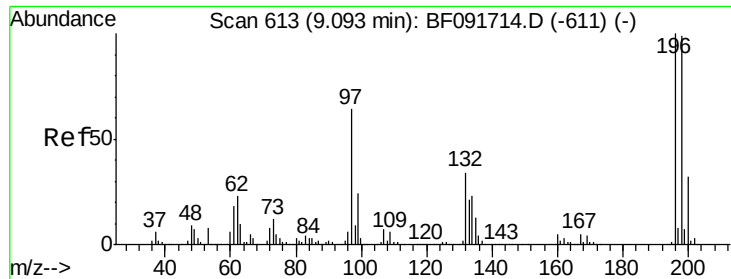
#42
 2,4,6-Trichlorophenol
 Concen: 46.04 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion:196 Resp: 547873
 Ion Ratio Lower Upper
 196 100
 198 102.9 82.1 123.1
 200 33.7 27.0 40.4



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

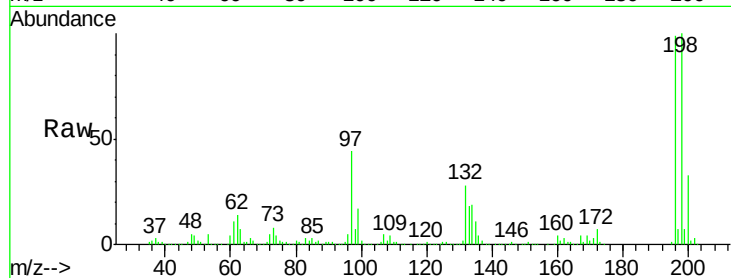




#43
 2,4,5-Trichlorophenol
 Concen: 47.99 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.8	79.4	119.2
97	44.5	51.5	77.3
132	28.1	27.4	41.2



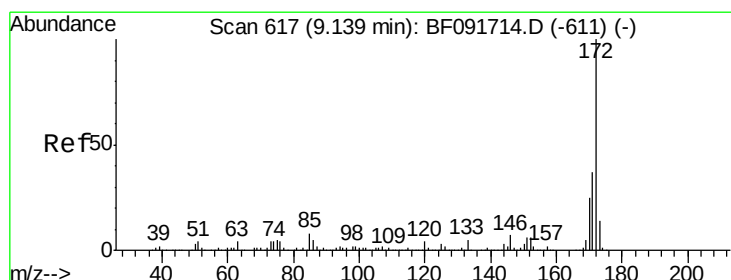
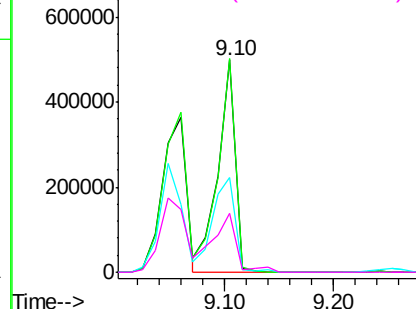
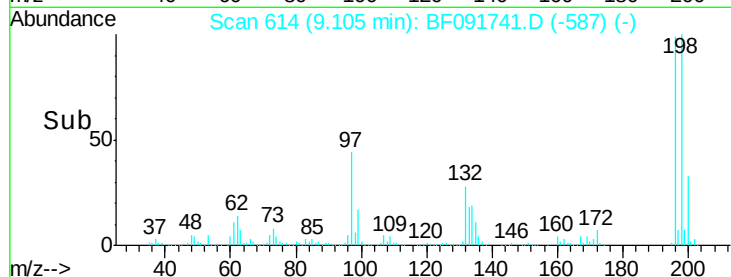
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

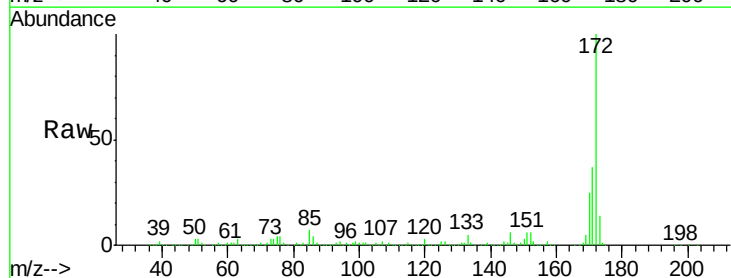
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.56 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.1	20.2	30.4

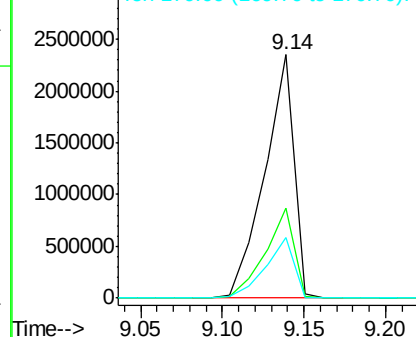
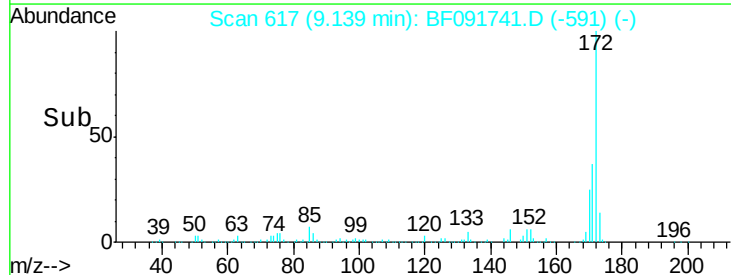


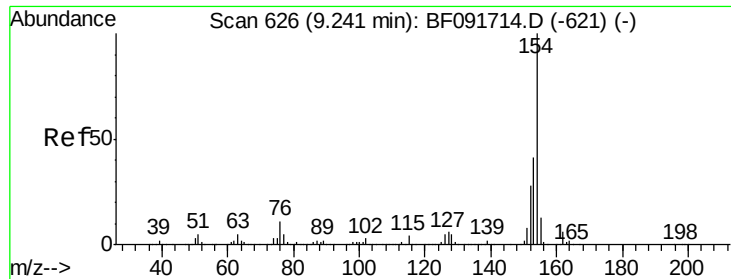
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.25 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

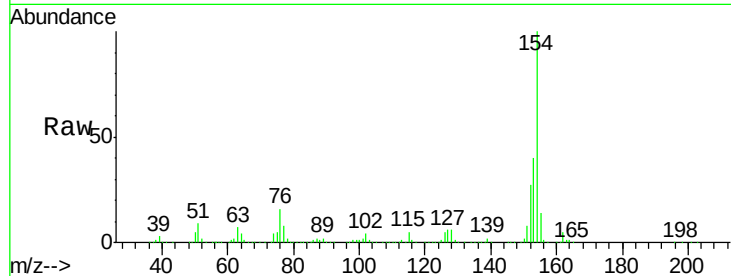
Tot Ion:154 Resp: 2071054

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

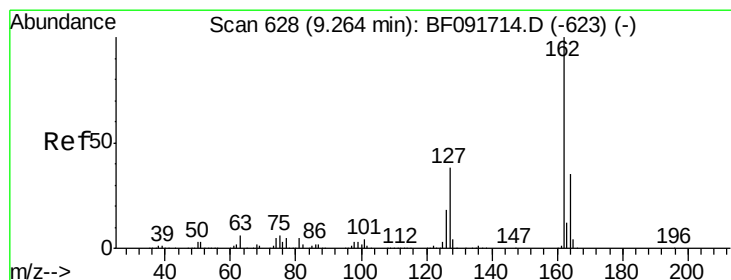
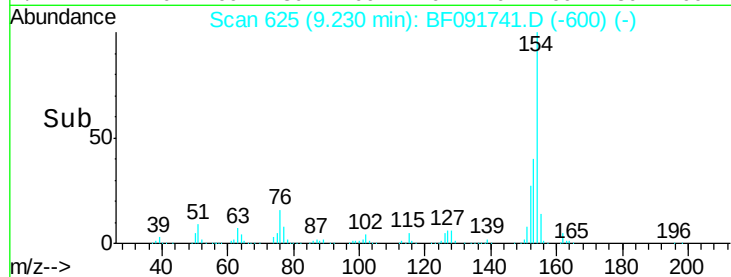
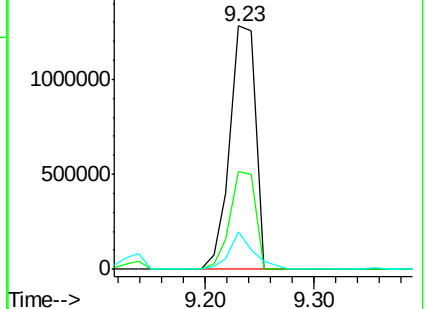
76 15.7 0.0 30.5



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: 44.65 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

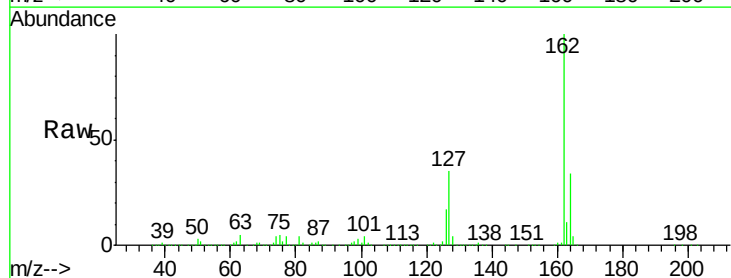
Tgt Ion:162 Resp: 1597807

Ion Ratio Lower Upper

162 100

127 34.9 30.7 46.1

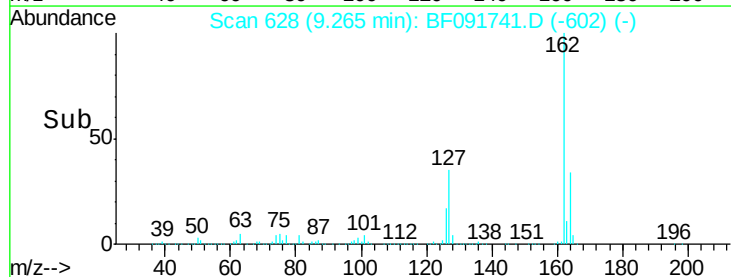
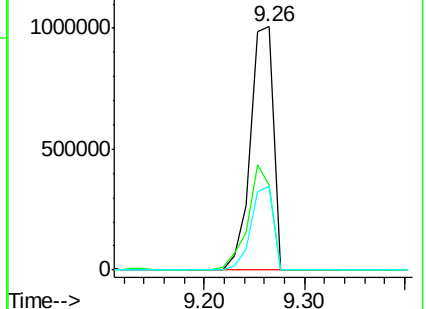
164 34.2 27.6 41.4

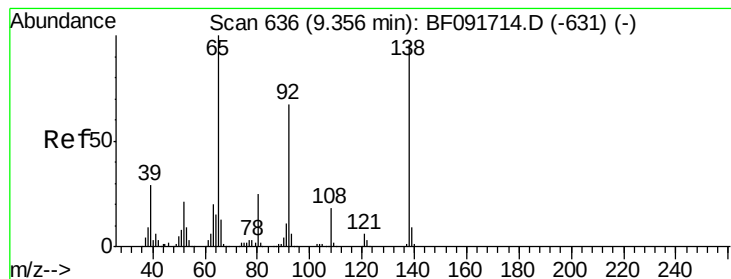


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.95 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

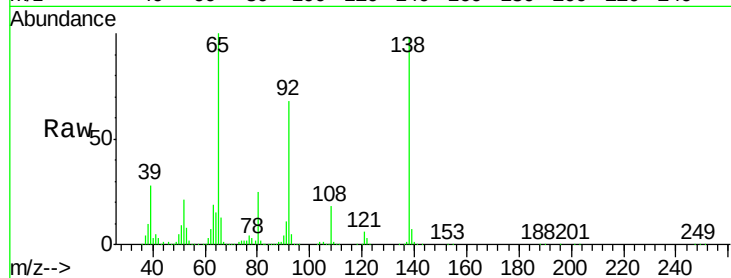
Tot Ion: 65 Resp: 585966

Ion Ratio Lower Upper

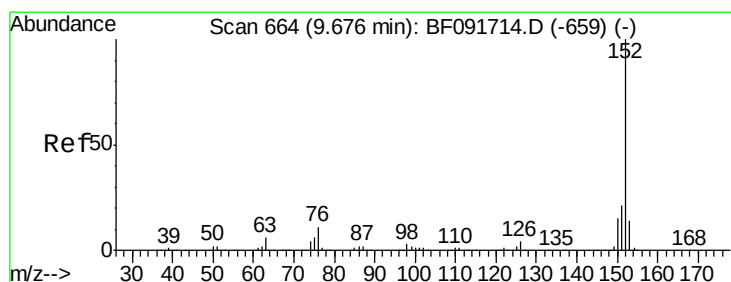
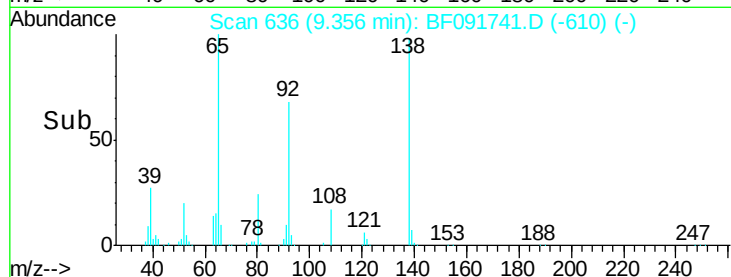
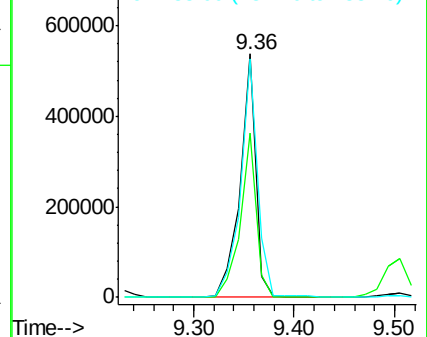
65 100

92 67.5 53.9 80.9

138 97.7 76.8 115.2



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



#48

Acenaphthylene

Concen: 49.26 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

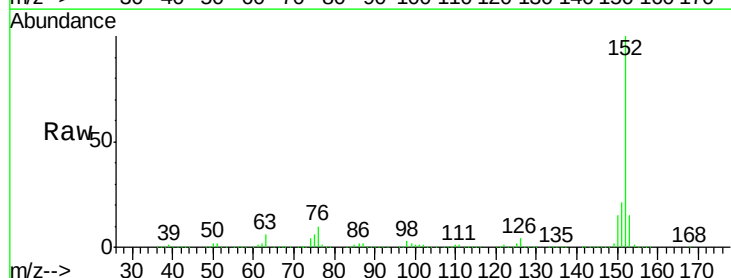
Tgt Ion: 152 Resp: 2731666

Ion Ratio Lower Upper

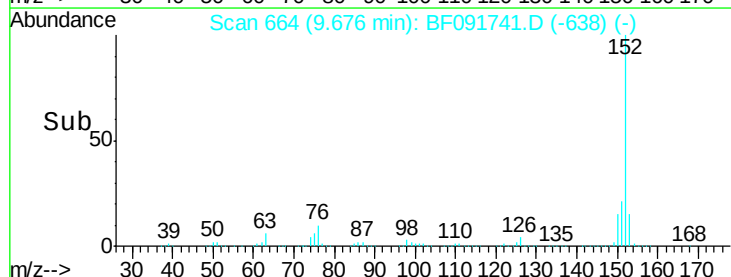
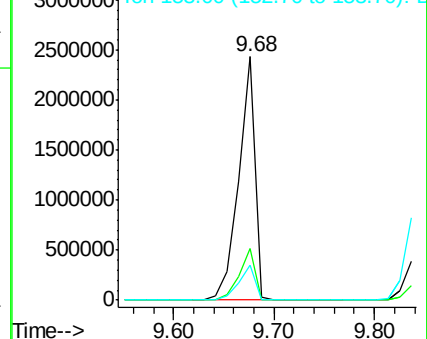
152 100

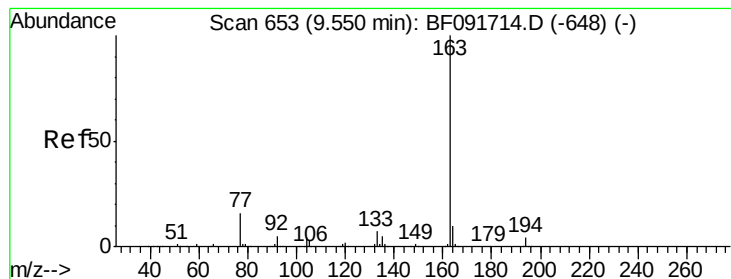
151 21.0 16.9 25.3

153 14.6 11.4 17.2



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





#49

Dimethylphthalate

Concen: 63.29 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

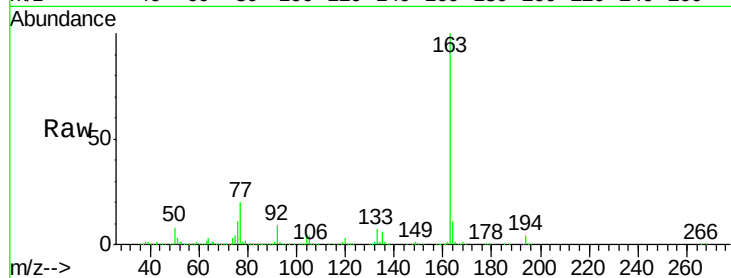
Tot Ion:163 Resp: 2762175

Ion Ratio Lower Upper

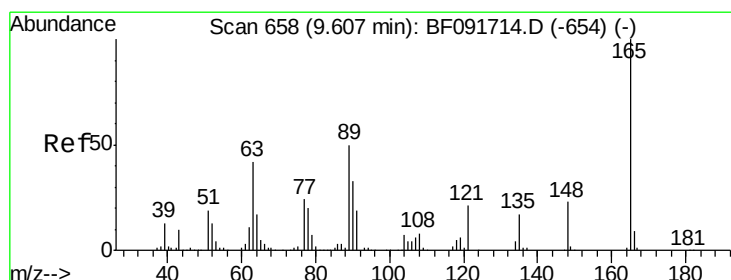
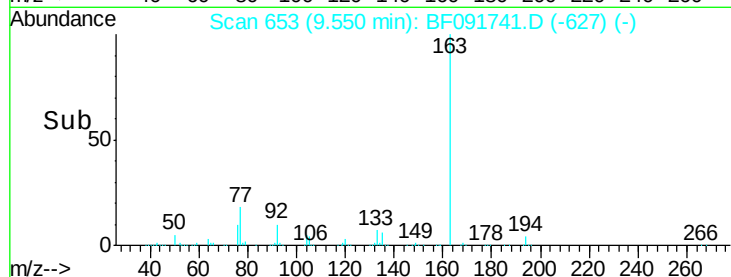
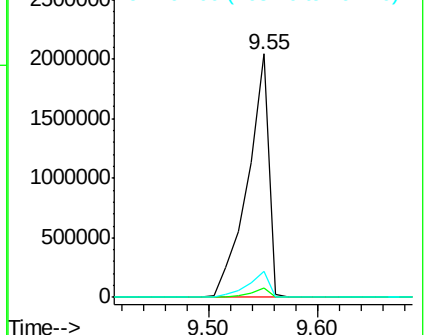
163 100

194 3.6 3.0 4.4

164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.75 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

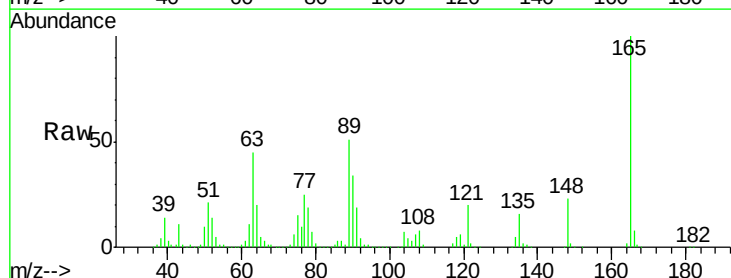
Tgt Ion:165 Resp: 476069

Ion Ratio Lower Upper

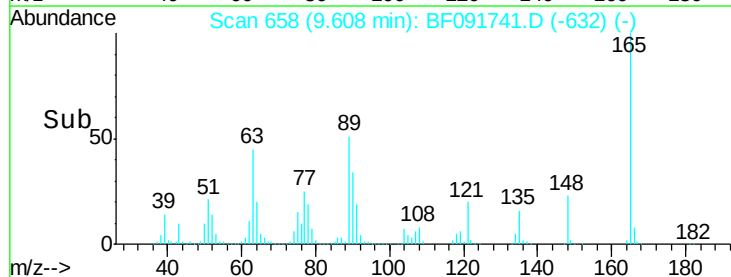
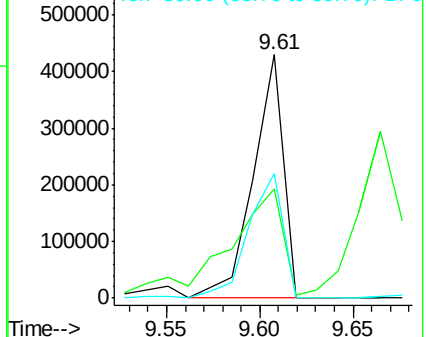
165 100

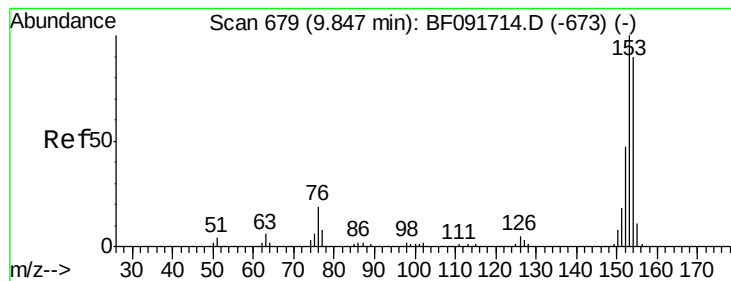
63 44.9 36.2 54.4

89 50.9 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.13 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

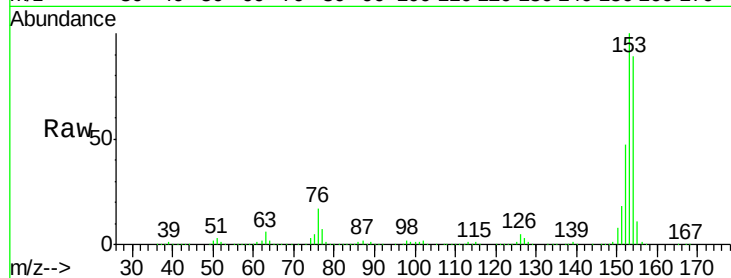
Tot Ion:154 Resp: 1755701

Ion Ratio Lower Upper

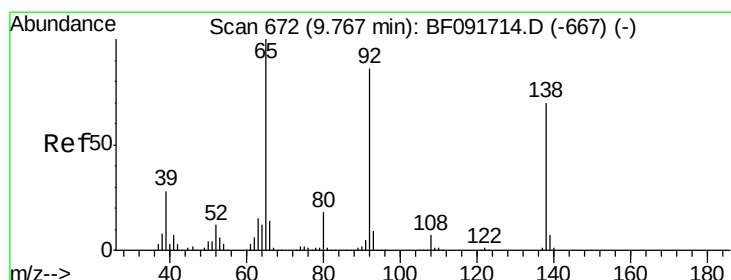
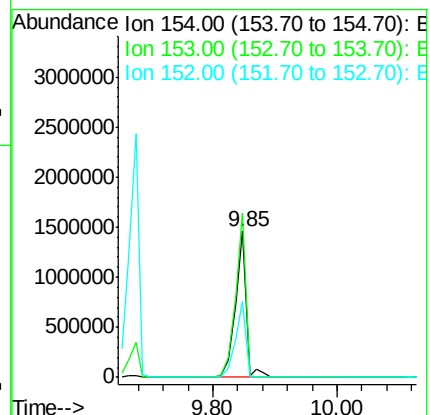
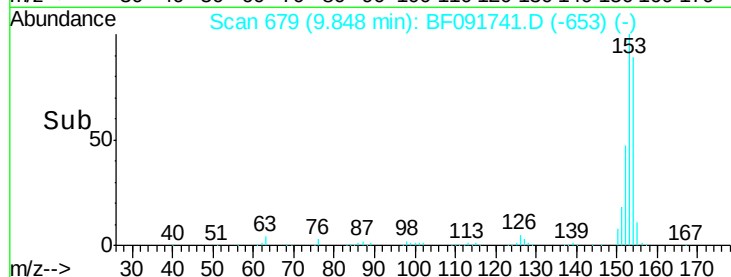
154 100

153 112.0 88.6 133.0

152 52.2 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: 15.80 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

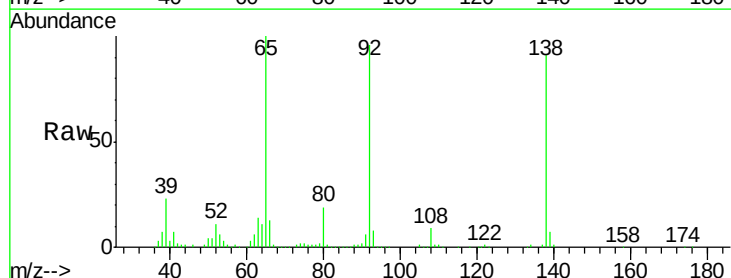
Tgt Ion:138 Resp: 188233

Ion Ratio Lower Upper

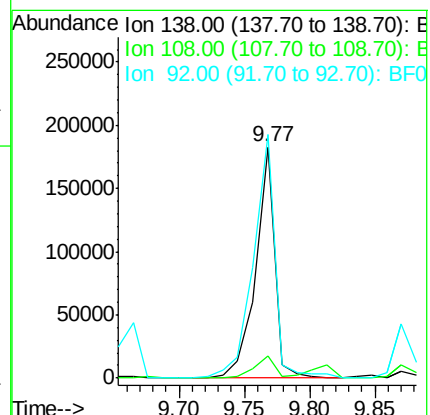
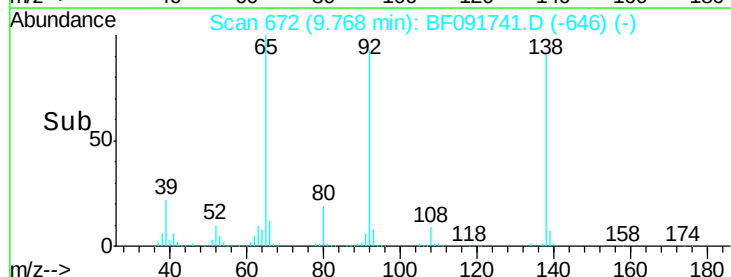
138 100

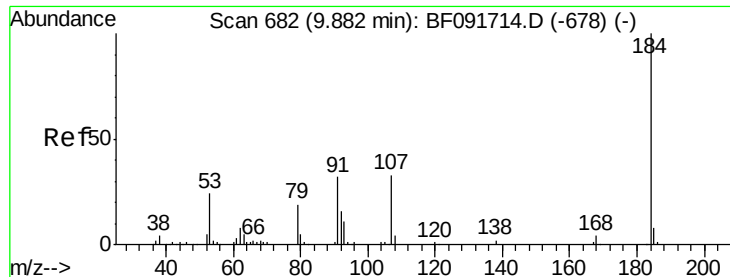
108 9.7 8.5 12.7

92 105.4 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

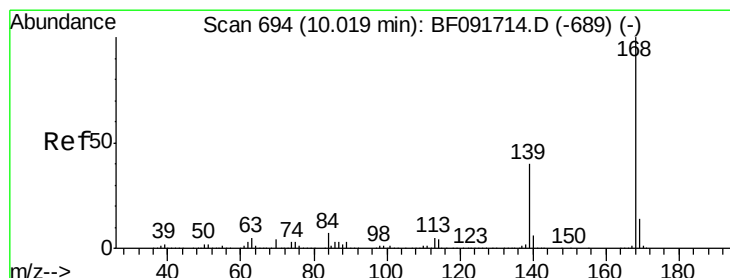
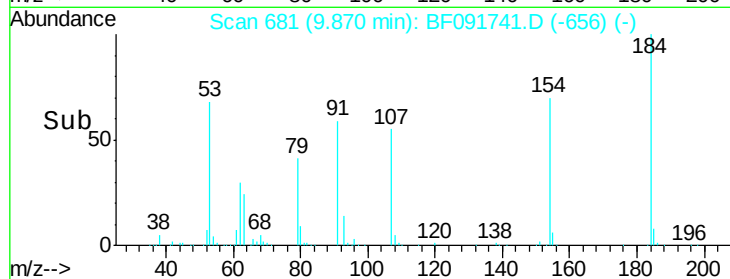
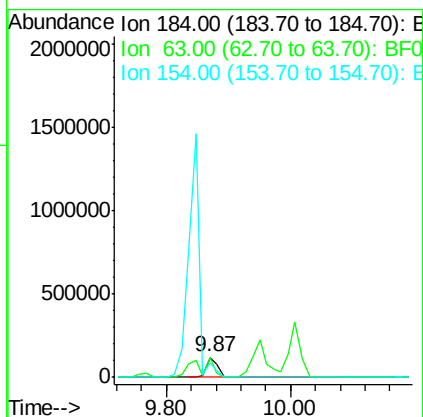
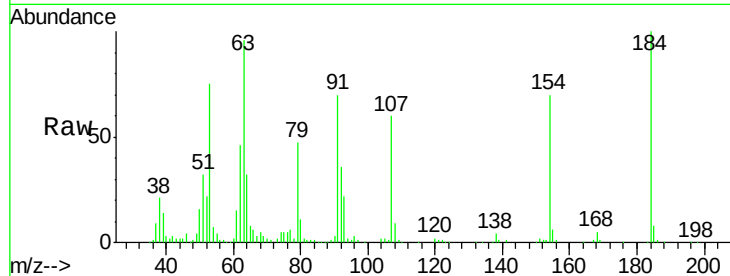




#53
2,4-Dinitrophenol
Concen: 30.54 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

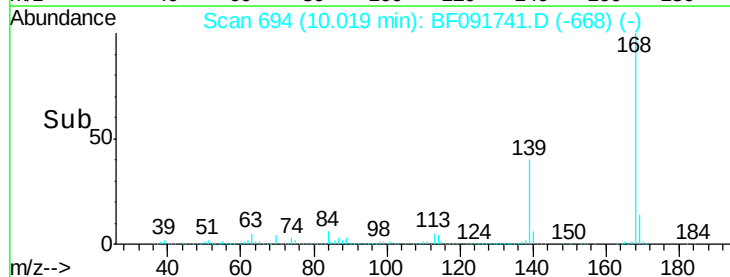
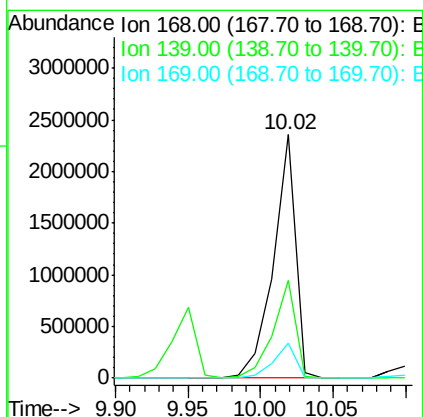
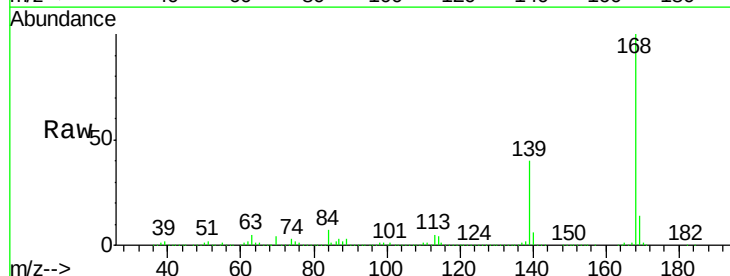
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

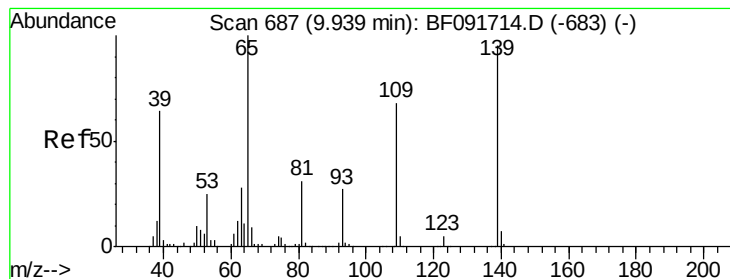
Tot Ion:184 Resp: 157878
Ion Ratio Lower Upper
184 100
63 95.9 28.4 42.6#
154 69.9 44.3 66.5#



#54
Dibenzofuran
Concen: 55.02 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion:168 Resp: 2490047
Ion Ratio Lower Upper
168 100
139 39.9 32.6 49.0
169 14.2 11.3 16.9





#55

4-Nitrophenol

Concen: 96.18 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

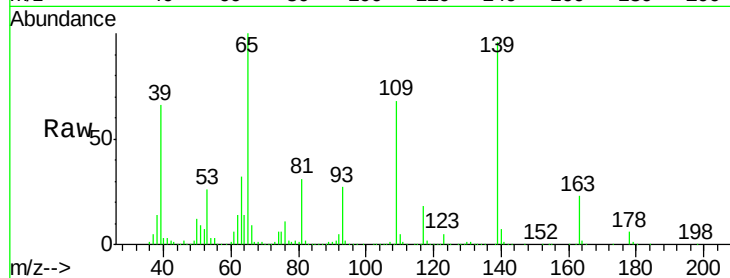
Tot Ion:139 Resp: 795831

Ion Ratio Lower Upper

139 100

109 71.2 52.2 92.2

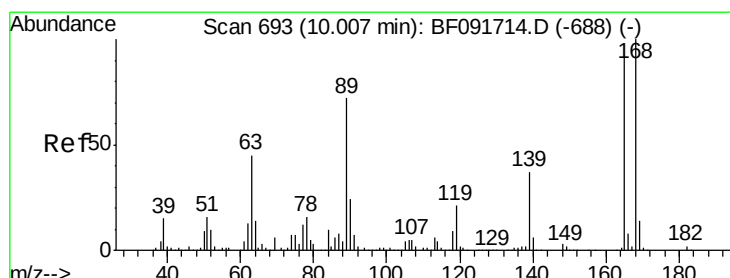
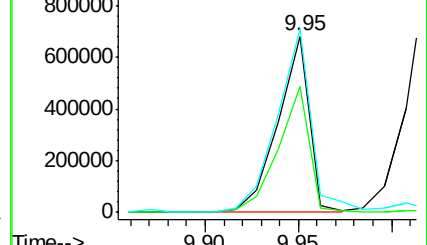
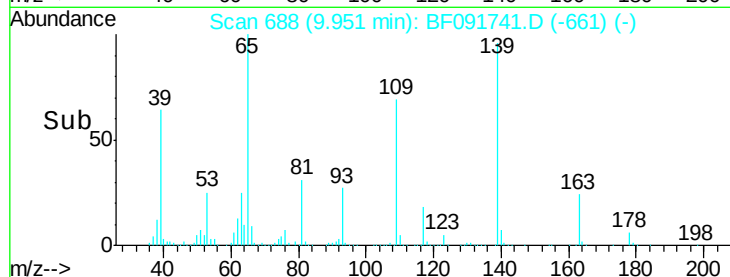
65 104.1 85.8 125.8



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: 52.15 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Tgt Ion:165 Resp: 623375

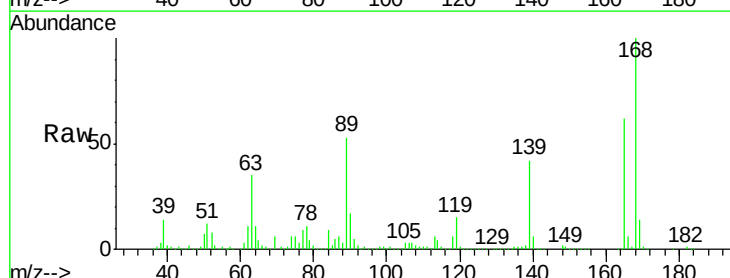
Ion Ratio Lower Upper

165 100

63 56.7 40.2 60.4

89 84.6 62.5 93.7

182 2.0 1.8 2.8

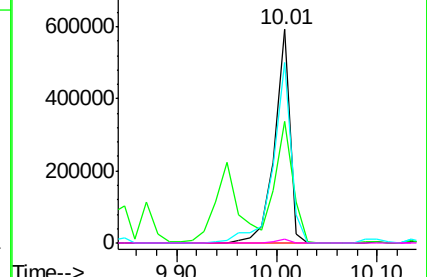
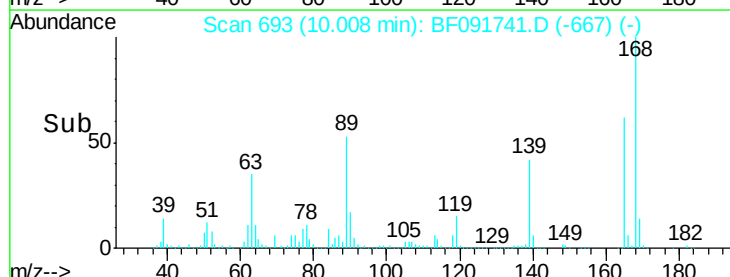


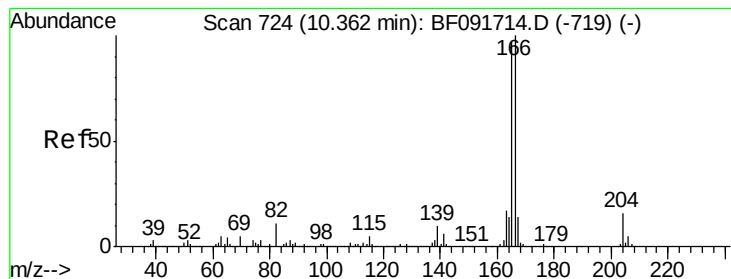
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.91 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

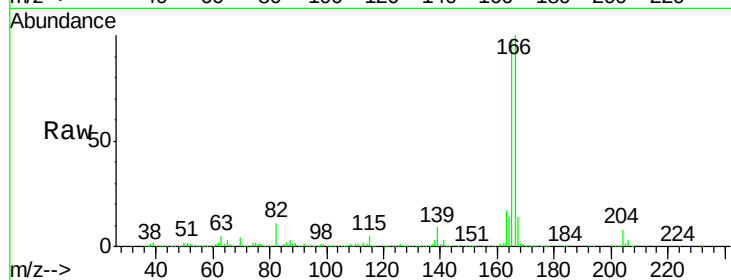
Tot Ion:166 Resp: 1719262

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

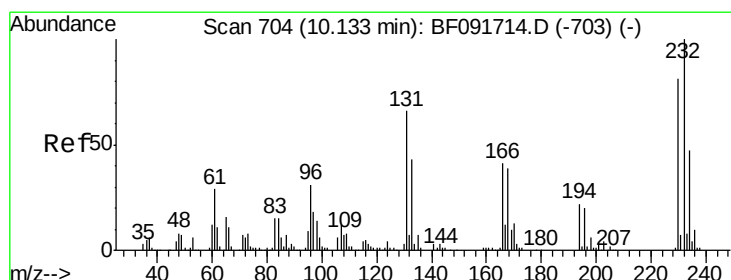
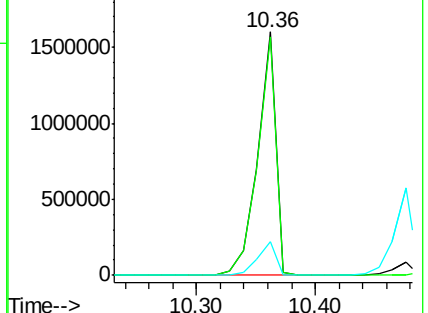
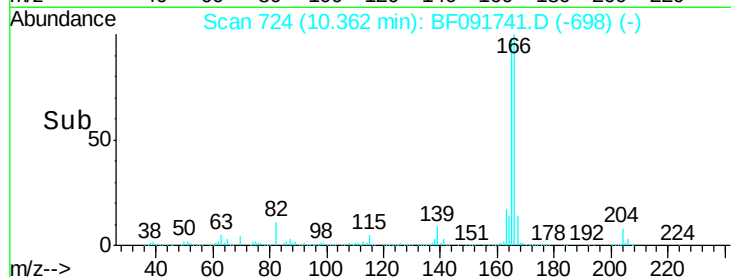
167 13.6 10.8 16.2



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: 47.37 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Tgt Ion:232 Resp: 457885

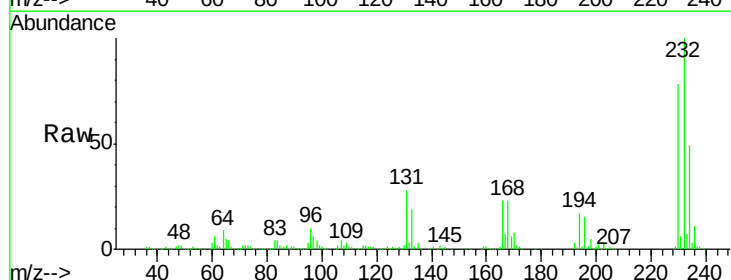
Ion Ratio Lower Upper

232 100

131 49.5 40.1 60.1

130 2.9 1.8 2.8#

166 32.9 26.6 39.8

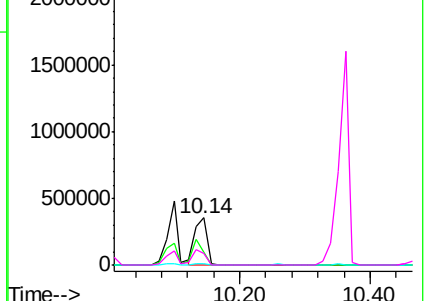
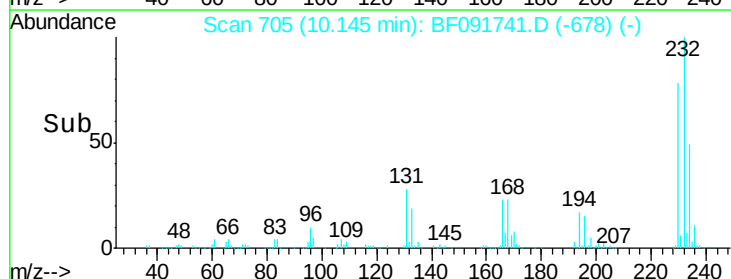


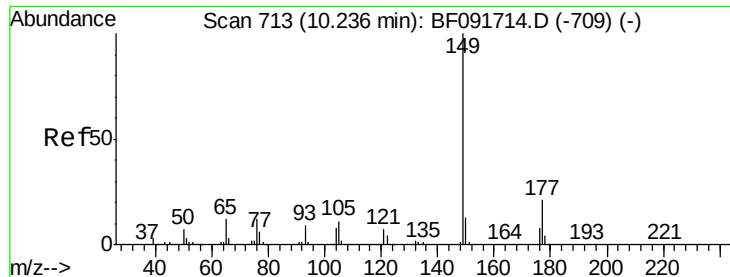
Abundance Ion 232.00 (231.70 to 232.70): E

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

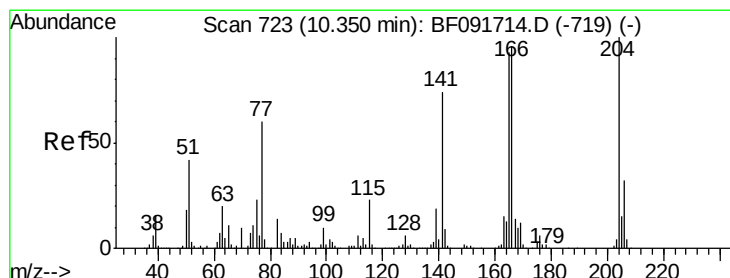
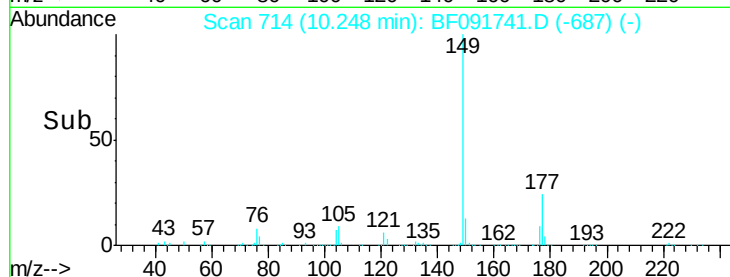
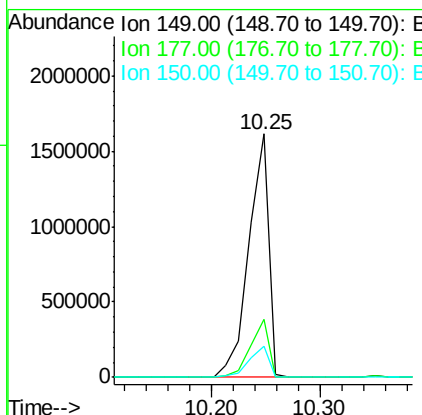
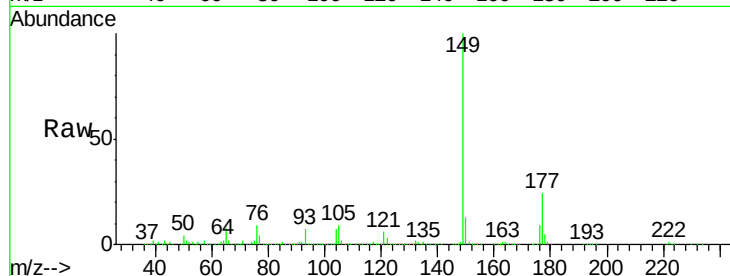




#59
Diethylphthalate
Concen: 47.71 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

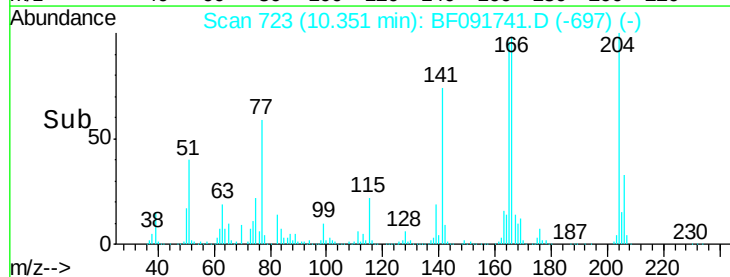
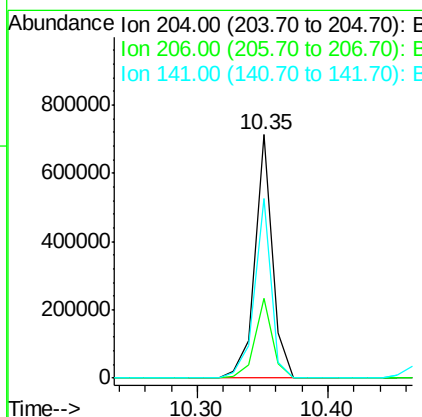
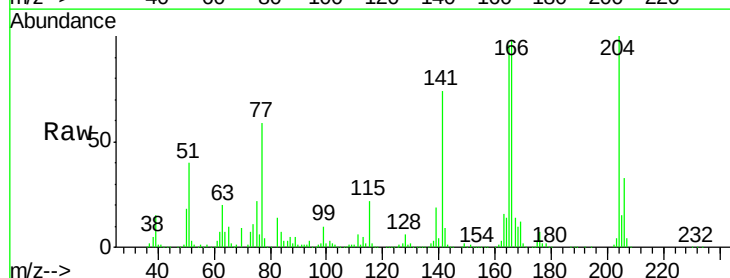
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

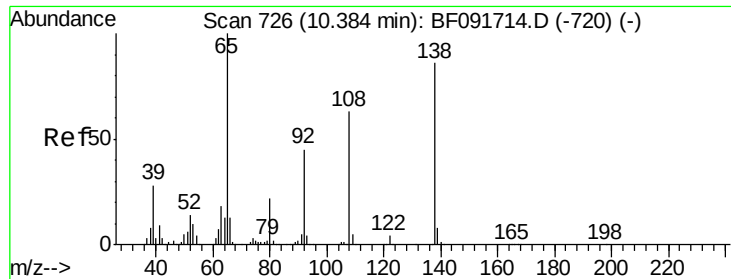
Tot Ion:149 Resp: 2046729
Ion Ratio Lower Upper
149 100
177 23.9 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 41.99 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion:204 Resp: 672426
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 73.8 59.4 89.0

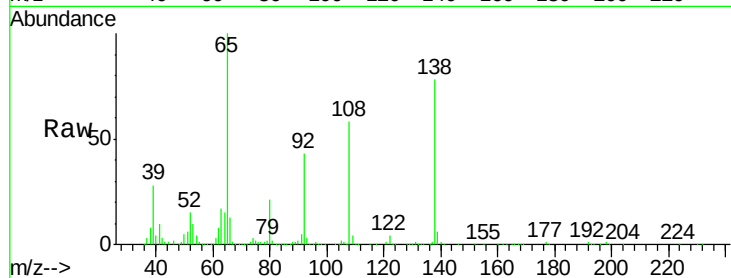




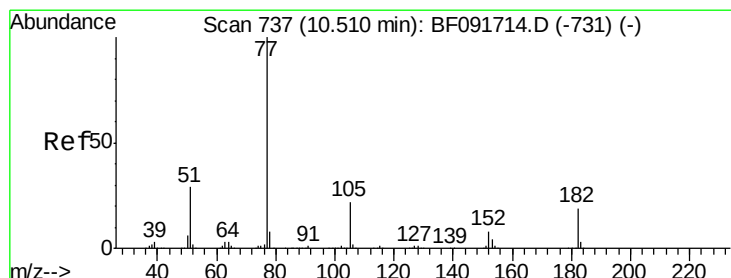
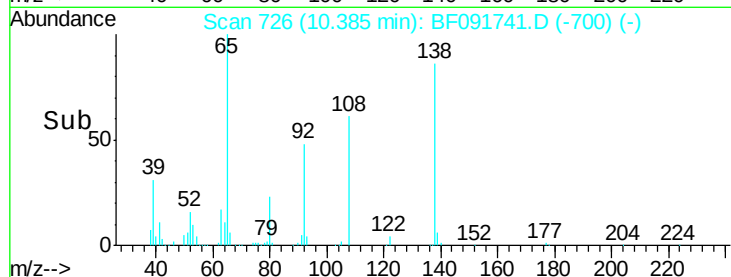
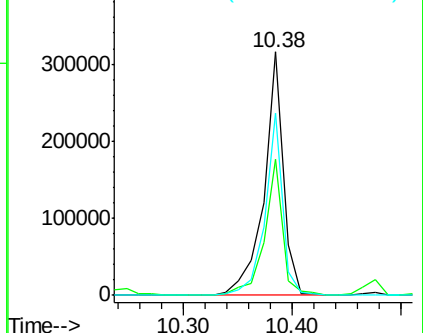
#61
4-Nitroaniline
Concen: 34.94 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

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

Tot Ion:138 Resp: 394448
Ion Ratio Lower Upper
138 100
92 55.9 31.7 71.7
108 74.9 52.6 92.6

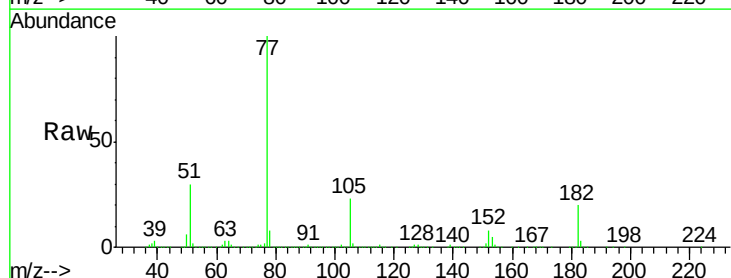


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

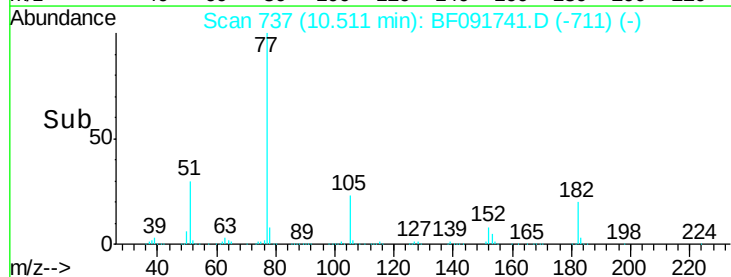
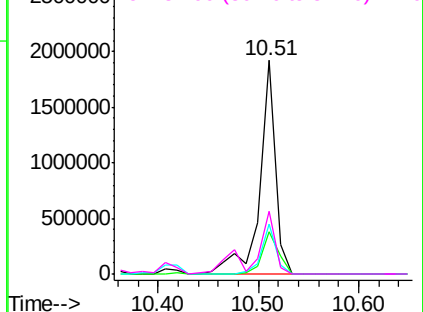


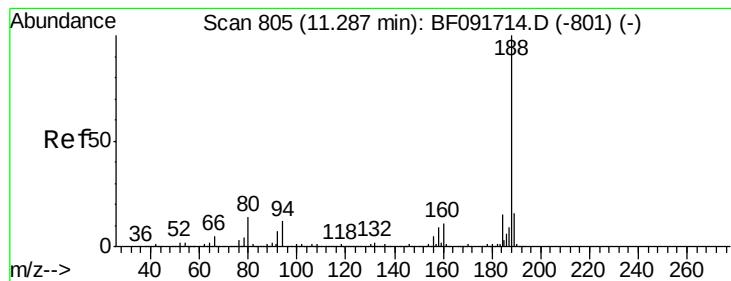
#62
Azobenzene
Concen: 45.77 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion: 77 Resp: 2089329
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.3
105 23.4 2.3 42.3
51 29.7 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: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

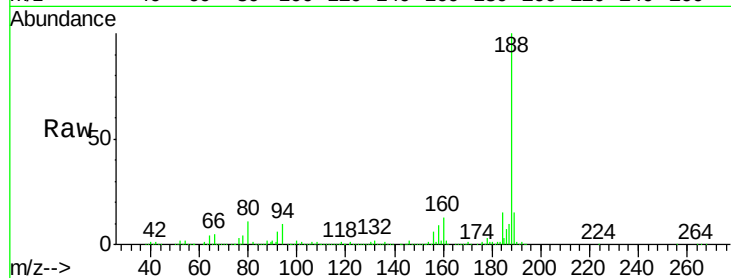
Tot Ion:188 Resp: 562672

Ion Ratio Lower Upper

188 100

94 10.0 10.0 15.0#

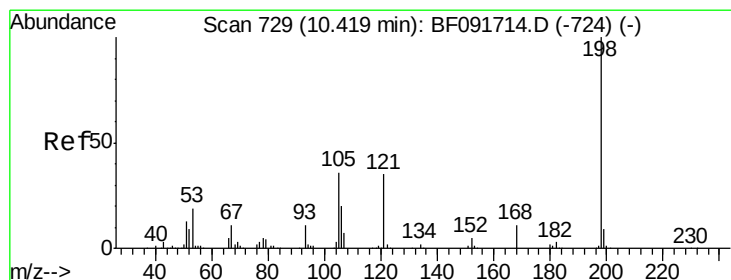
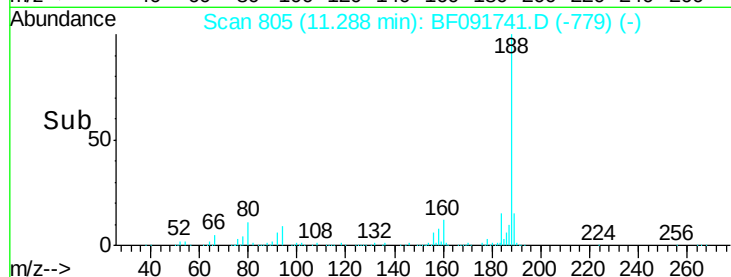
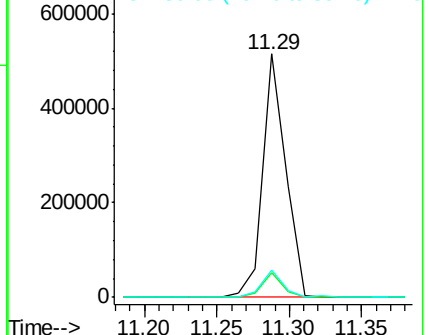
80 11.3 11.2 16.8



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: 73.35 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

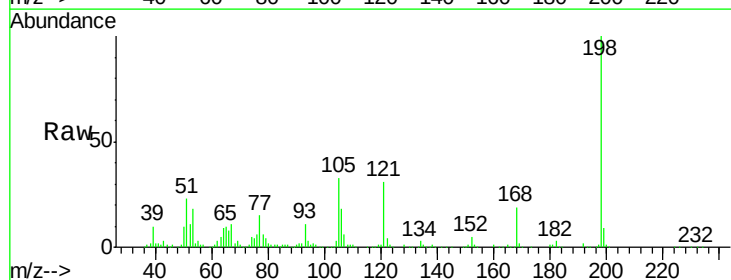
Tgt Ion:198 Resp: 272221

Ion Ratio Lower Upper

198 100

51 23.2 6.7 46.7

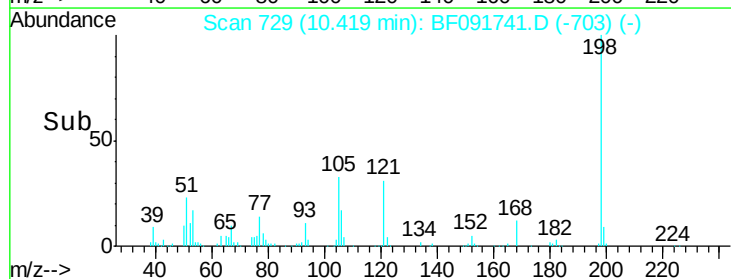
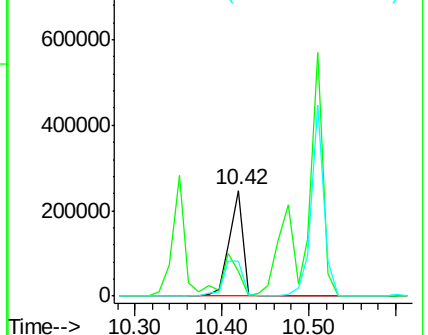
105 33.1 16.6 56.6

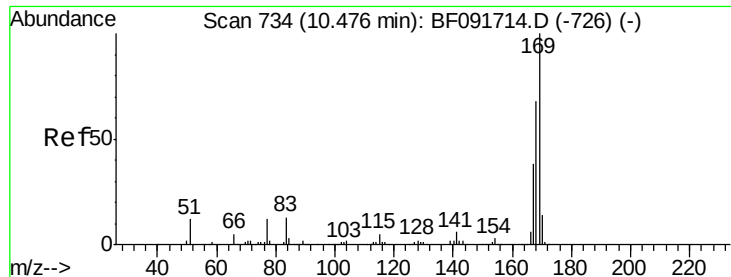


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 91.55 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

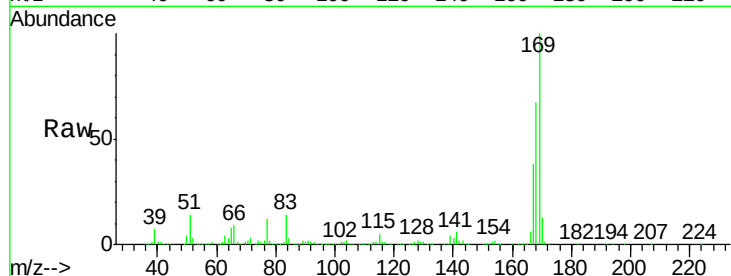
Tot Ion:169 Resp: 1599645

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

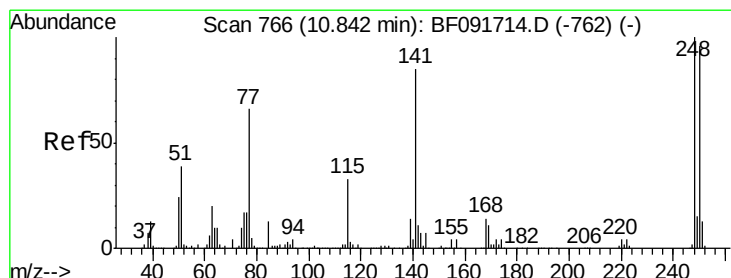
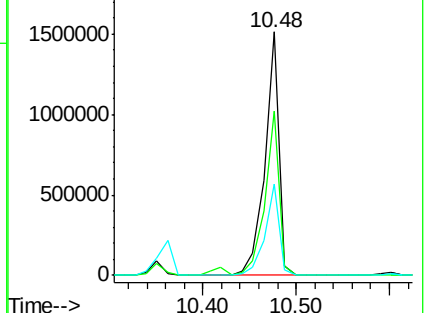
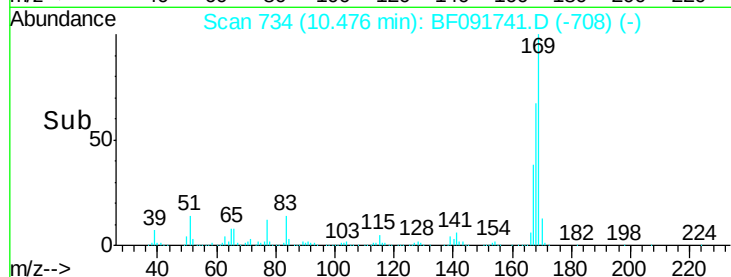
167 37.8 30.2 45.4



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: 52.86 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

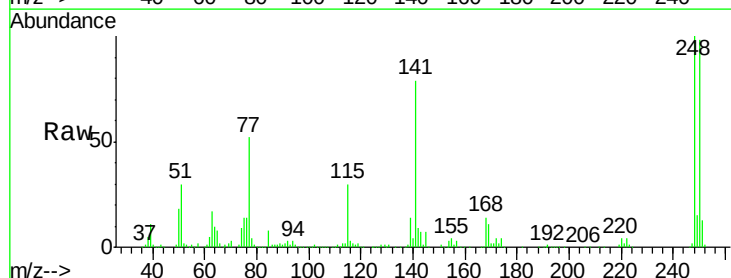
Tgt Ion:248 Resp: 311910

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

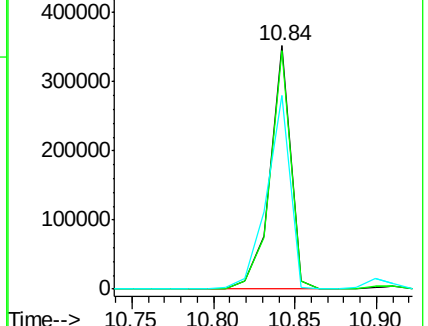
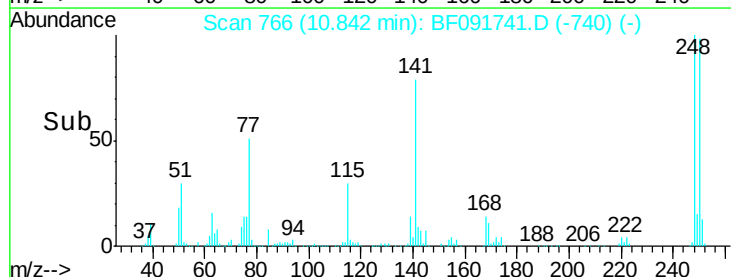
141 79.3 68.2 102.4

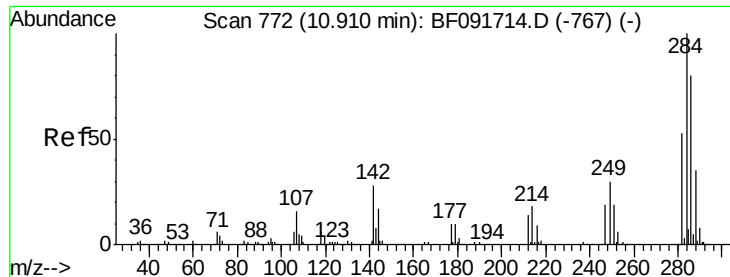


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

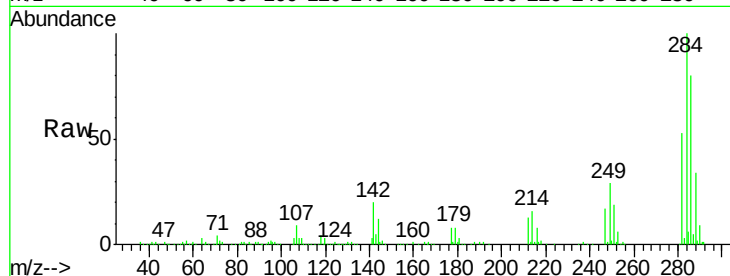




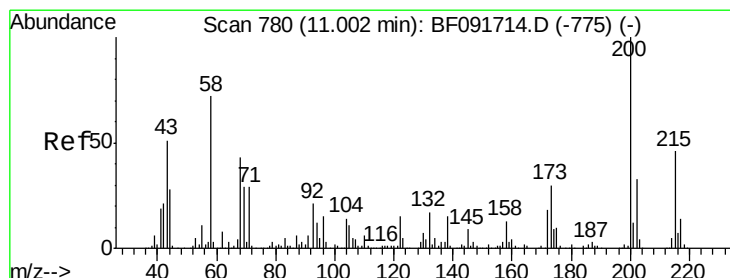
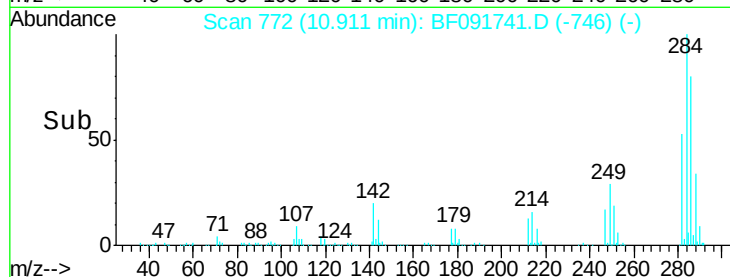
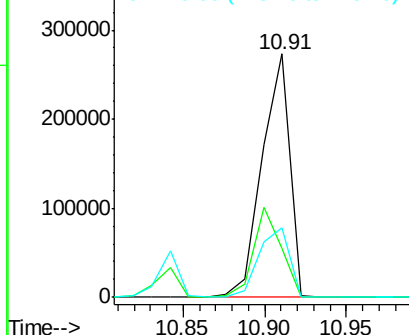
#67
Hexachlorobenzene
Concen: 52.19 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

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

Tot Ion:284 Resp: 322704
Ion Ratio Lower Upper
284 100
142 20.0 22.6 33.8#
249 28.8 25.4 38.0

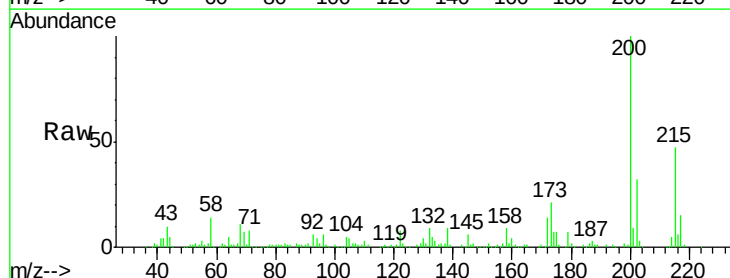


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

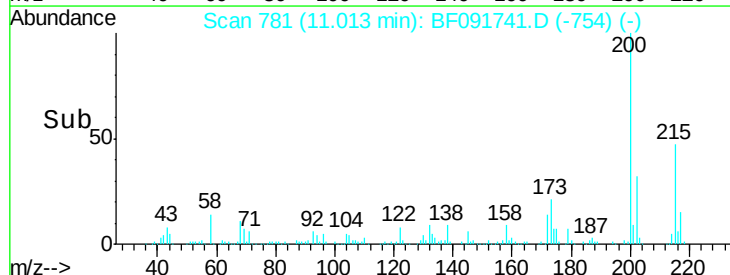
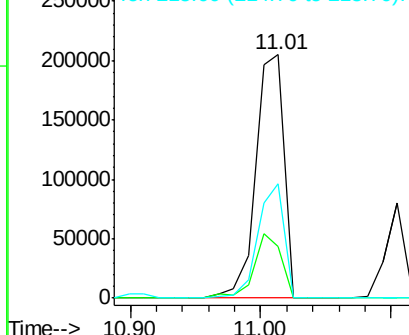


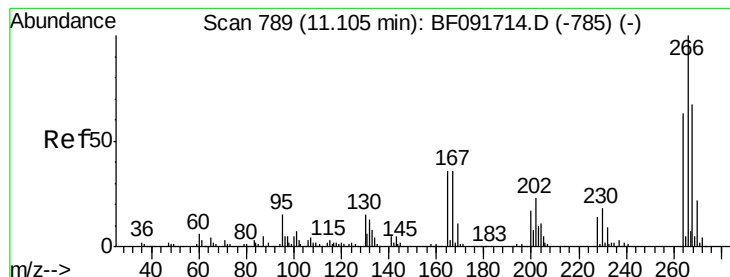
#68
Atrazine
Concen: 58.23 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion:200 Resp: 307466
Ion Ratio Lower Upper
200 100
173 21.4 9.6 49.6
215 47.0 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

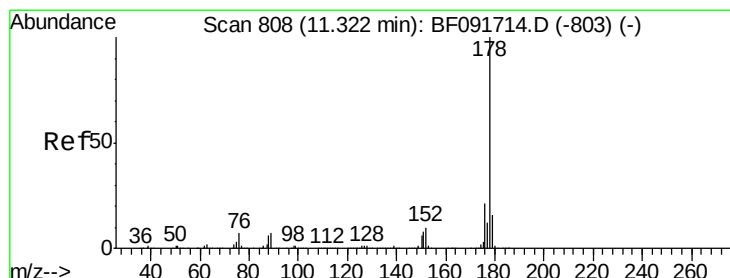
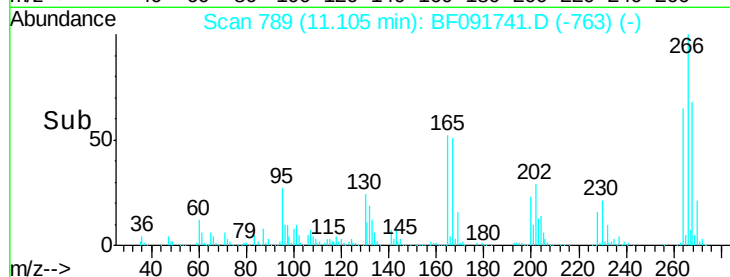
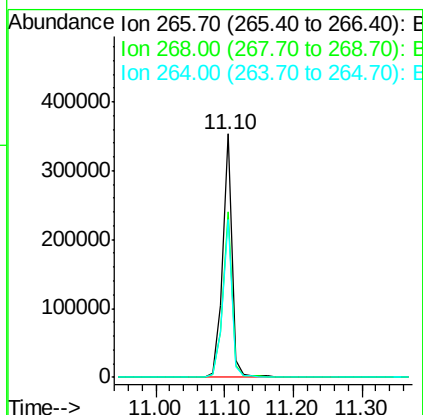
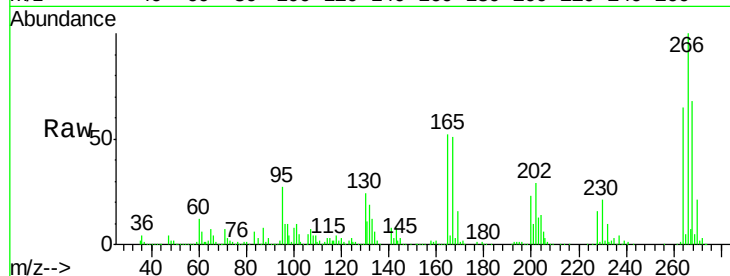




#69
 Pentachlorophenol
 Concen: 104.42 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

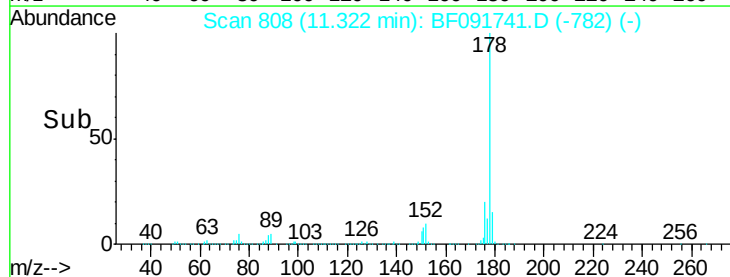
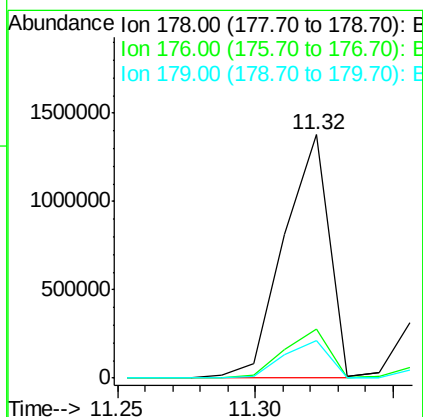
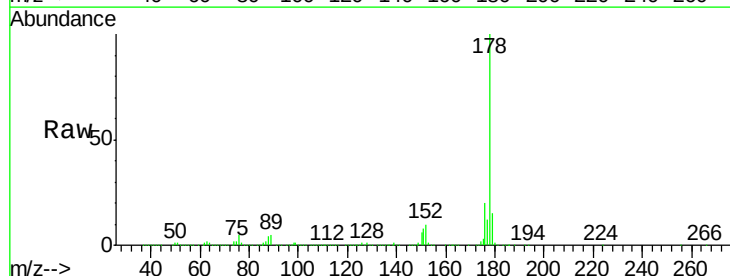
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

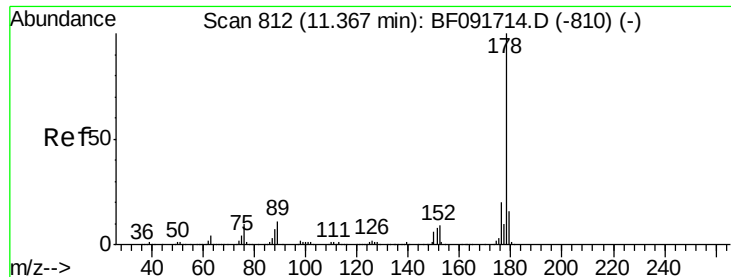
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.8	53.3	79.9
264	65.1	50.3	75.5



#70
 Phenanthrene
 Concen: 56.14 ng m
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.2	12.8	19.2

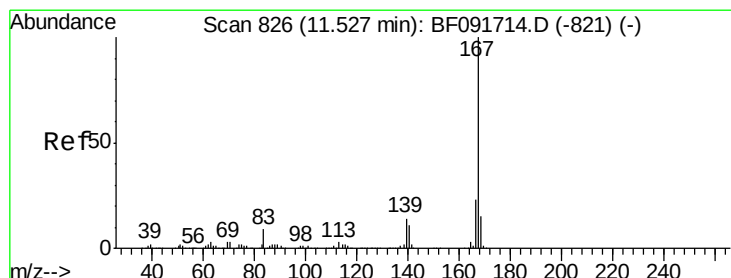
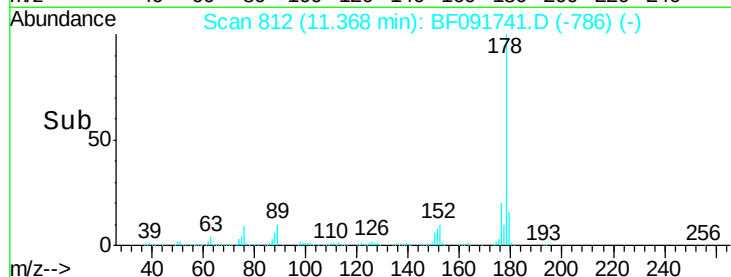
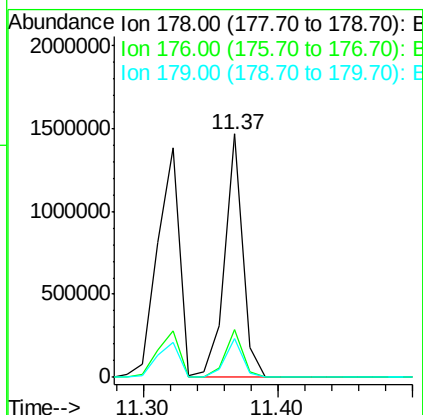
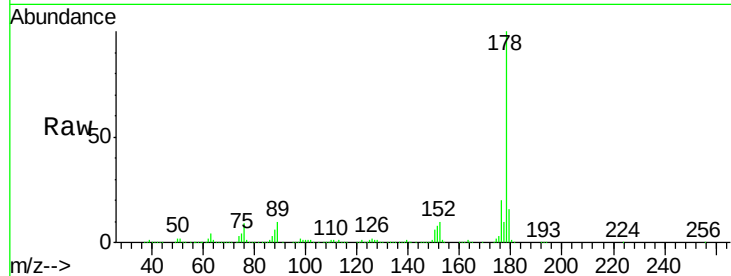




#71
 Anthracene
 Concen: 46.03 ng/mL
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

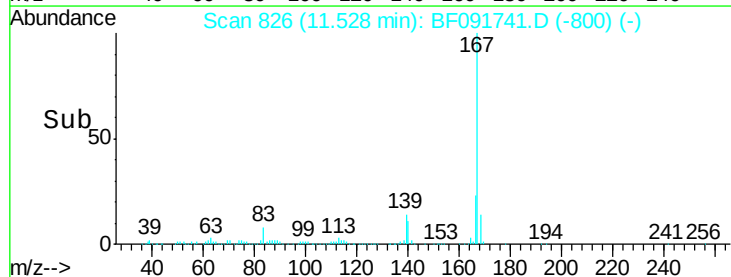
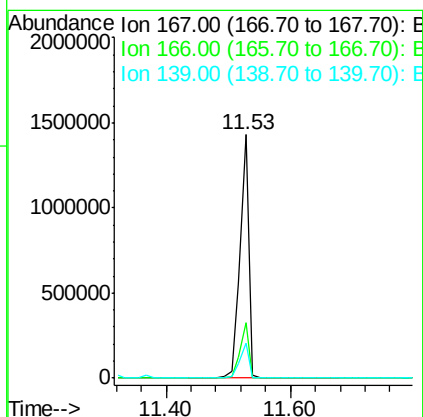
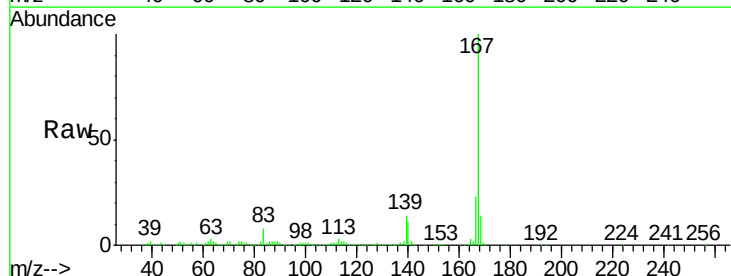
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

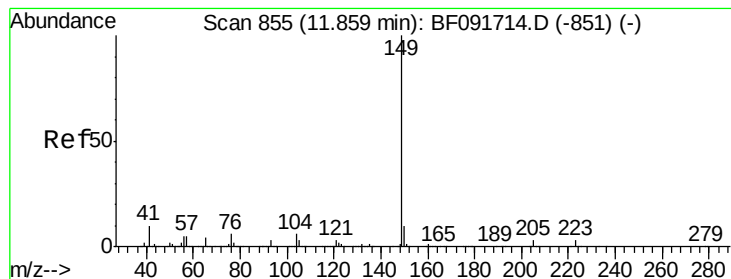
Tot Ion:178 Resp: 1370829
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 54.64 ng/mL
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion:167 Resp: 1422710
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 14.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 48.57 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

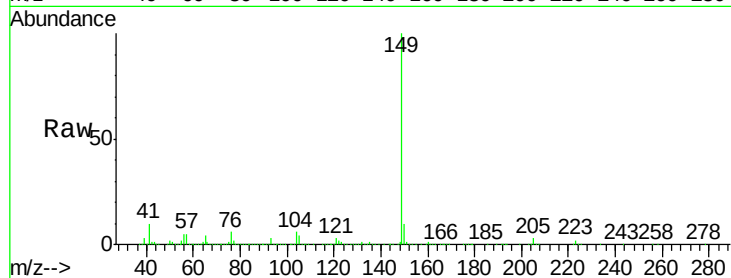
Tot Ion:149 Resp: 1621623

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

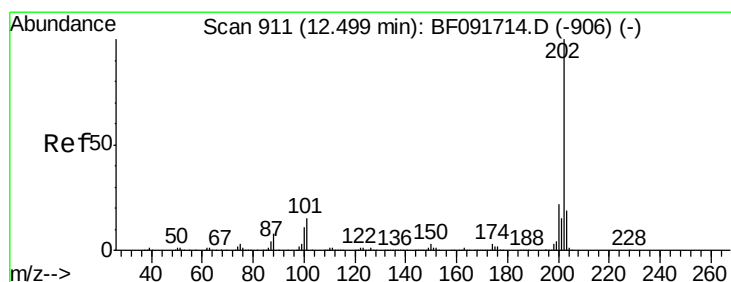
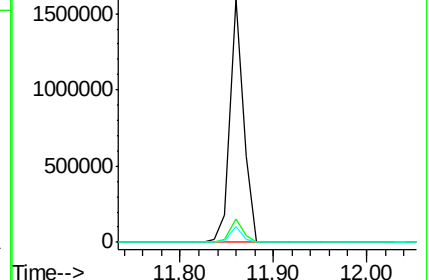
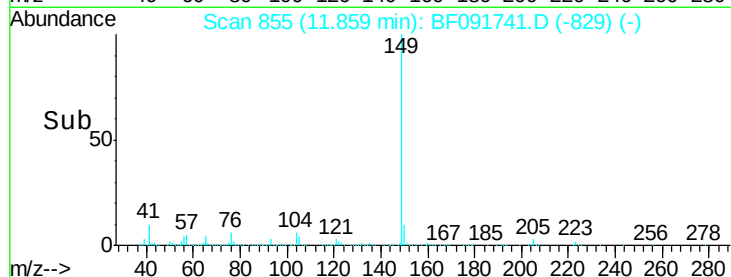
104 6.3 4.6 7.0



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: 53.86 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

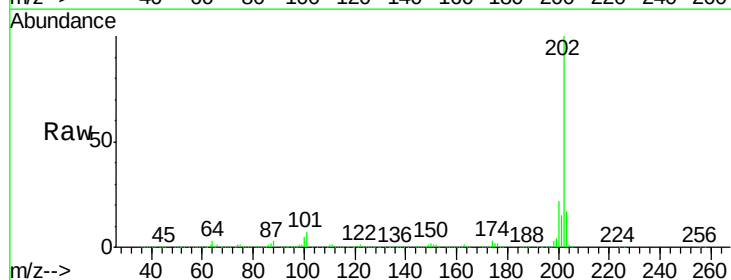
Tgt Ion:202 Resp: 1581498

Ion Ratio Lower Upper

202 100

101 6.6 0.0 34.6

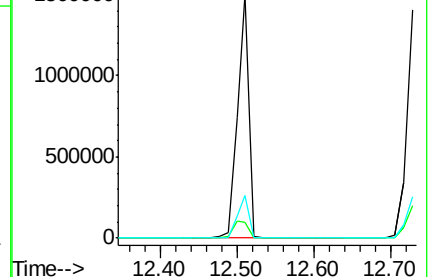
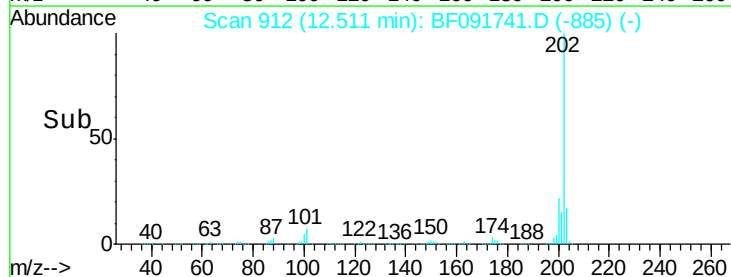
203 17.4 0.0 38.7

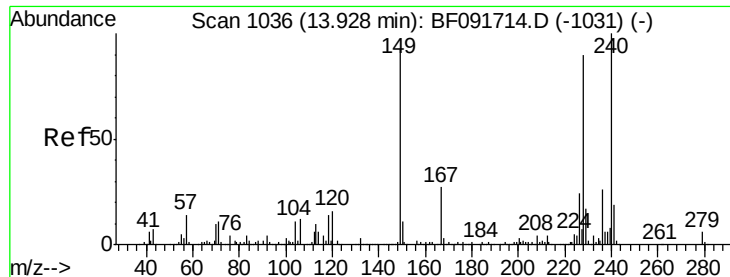


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

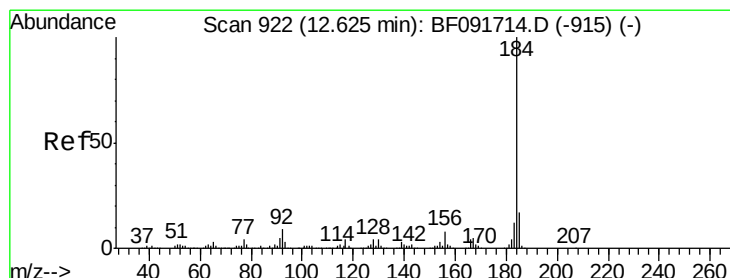
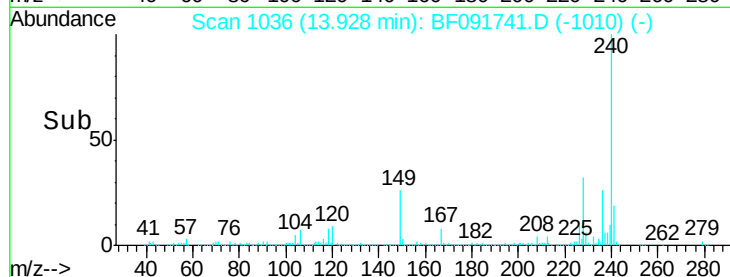
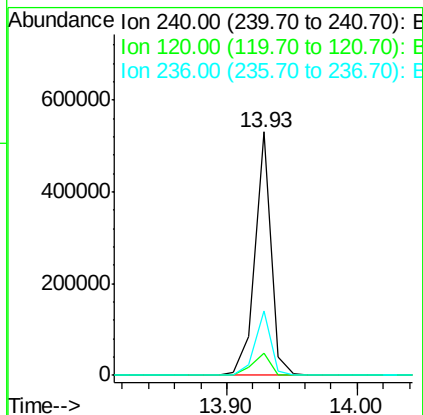
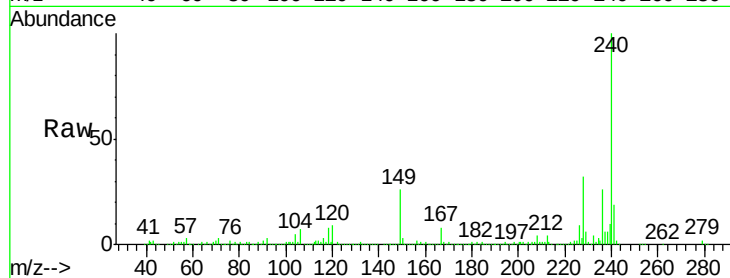
BNA_F

ClientSampleId :

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

Tot Ion:240 Resp: 458250

Ion	Ratio	Lower	Upper
240	100		
120	9.0	12.9	19.3#
236	26.4	20.9	31.3



#76

Benzidine

Concen: 34.70 ng

RT: 12.63 min Scan# 922

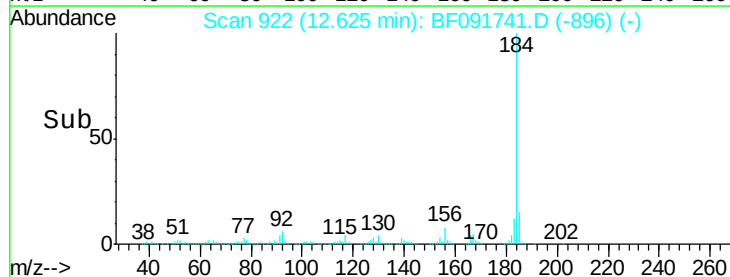
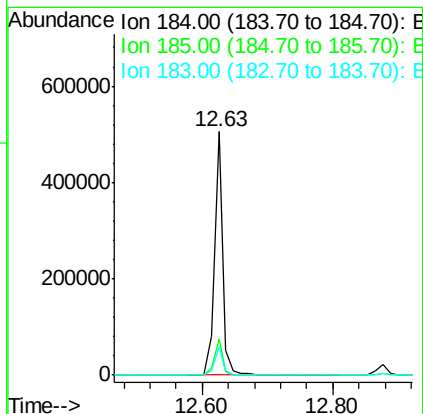
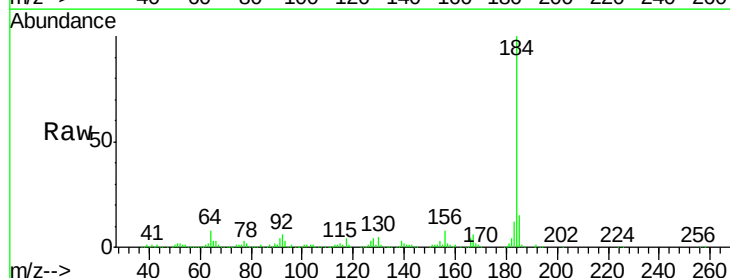
Delta R.T. 0.00 min

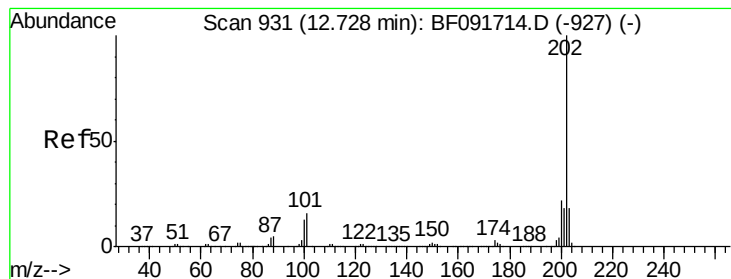
Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Tgt Ion:184 Resp: 457685

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.0
183	11.8	9.2	13.8





#77

Pvrene

Concen: 40.53 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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

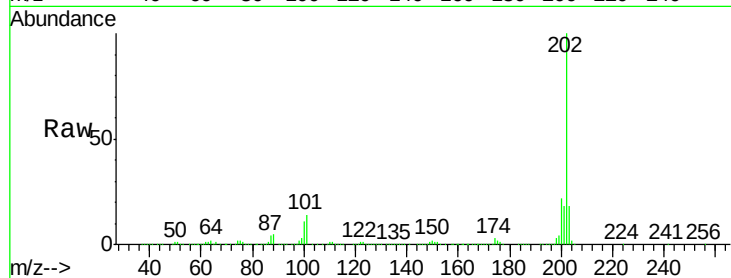
Tot Ion:202 Resp: 1341147

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

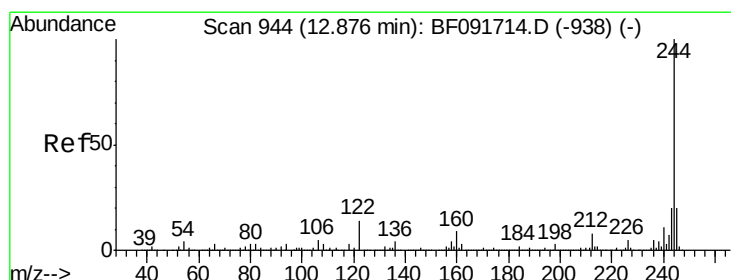
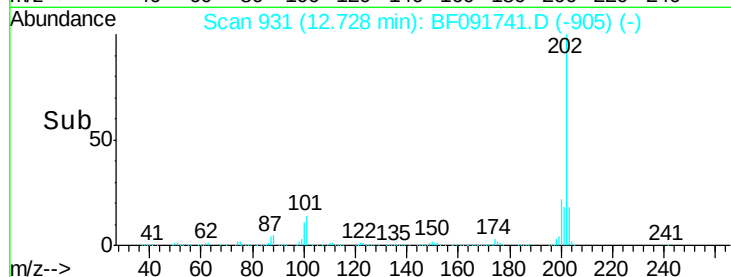
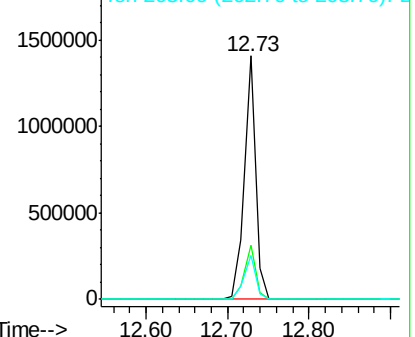
203 18.3 14.7 22.1



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: 82.87 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091741.D

Acq: 18 Dec 2016 17:29

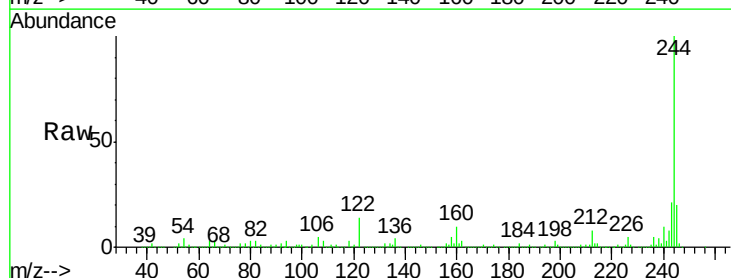
Tgt Ion:244 Resp: 1504043

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

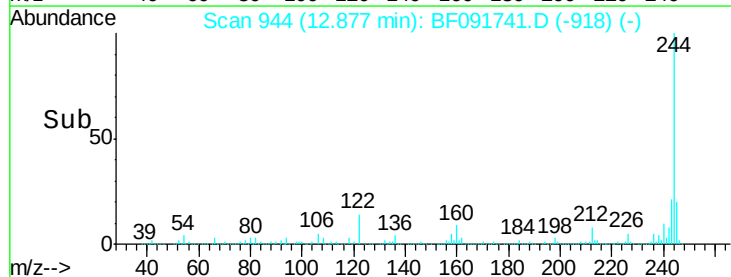
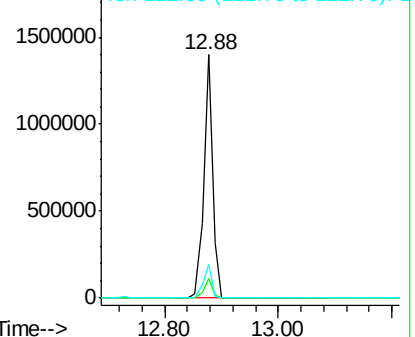
122 14.0 11.4 17.2

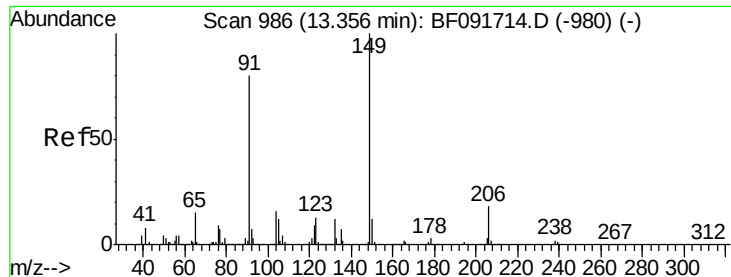


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

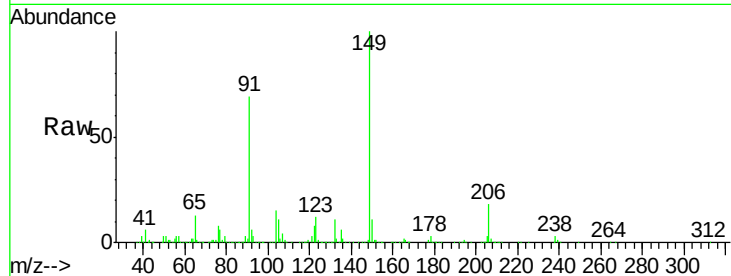




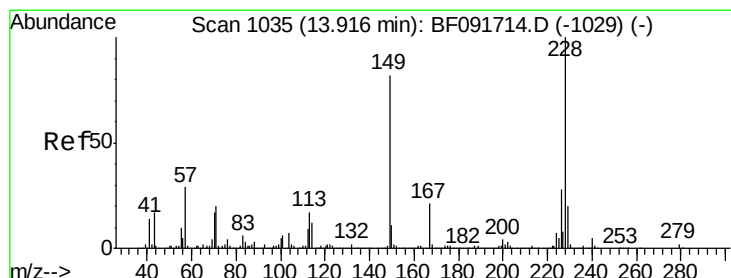
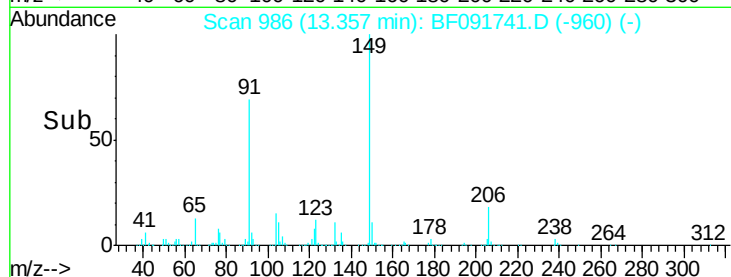
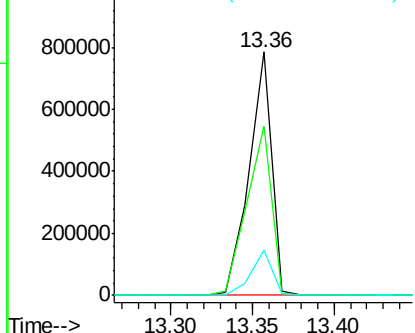
#79
Butylbenzylphthalate
Concen: 48.88 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	63.9	95.9
206	18.4	14.6	21.8

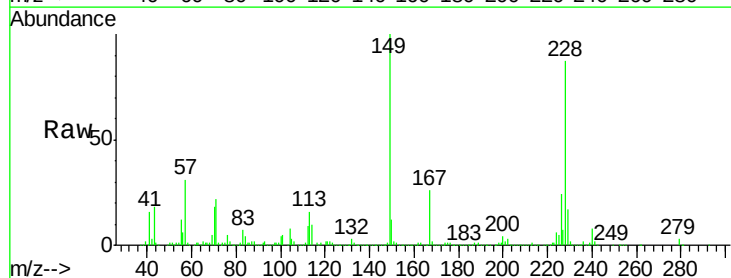


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

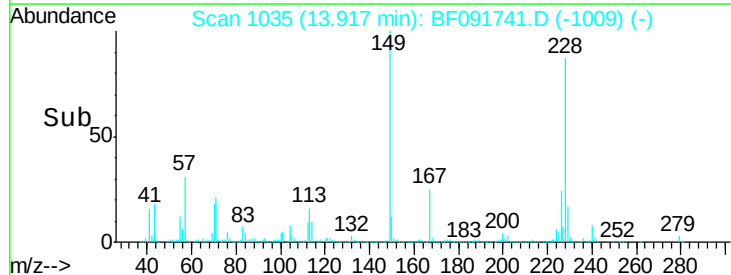
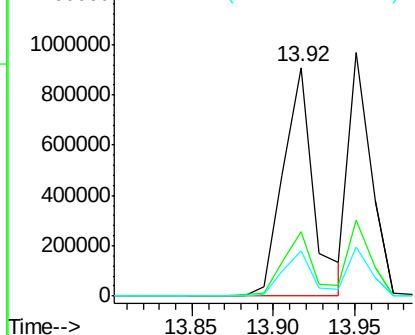


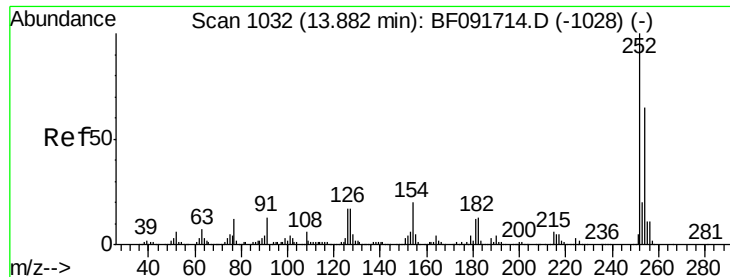
#80
Benzo(a)anthracene
Concen: 45.27 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.7	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

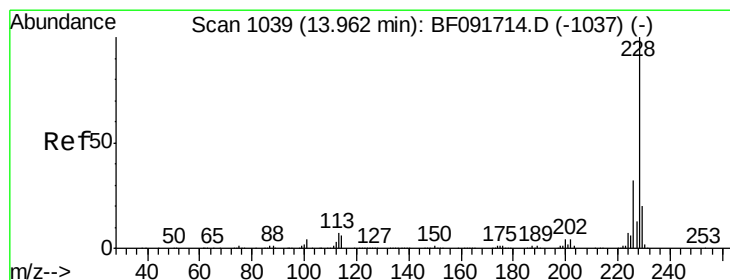
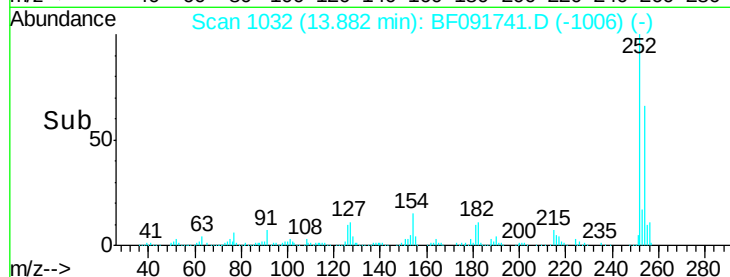
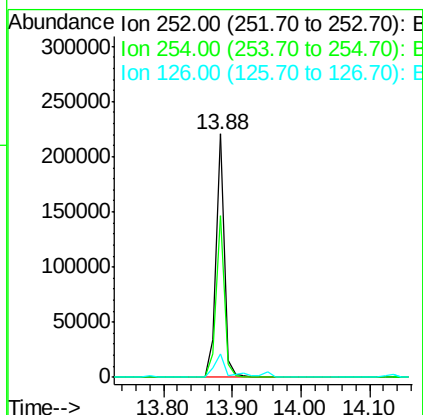
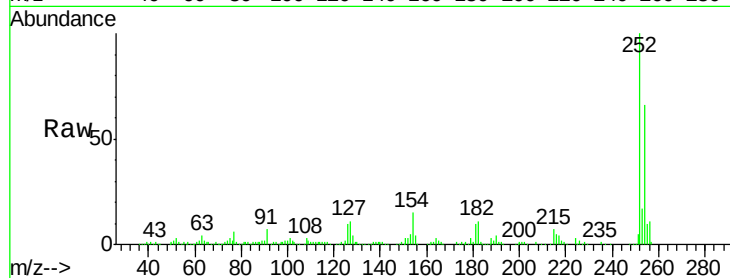




#81
 3,3'-Dichlorobenzidine
 Concen: 18.30 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

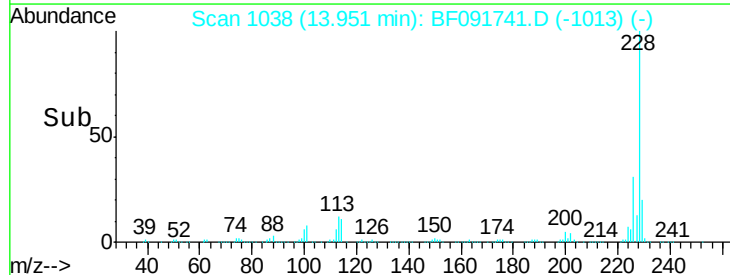
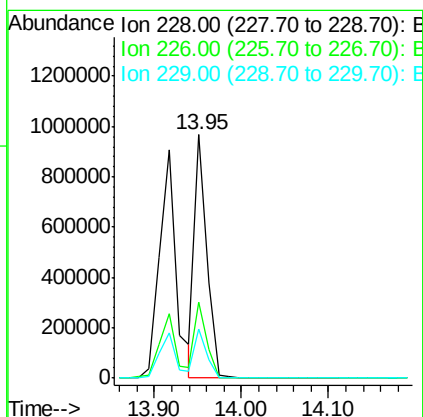
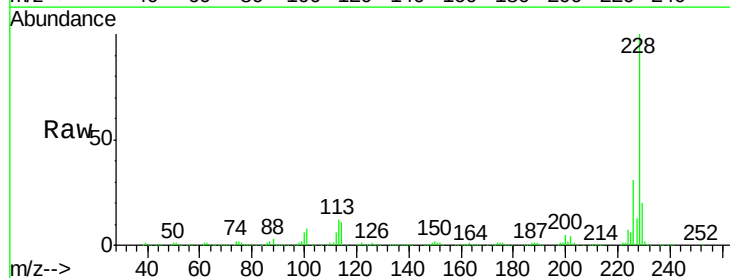
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

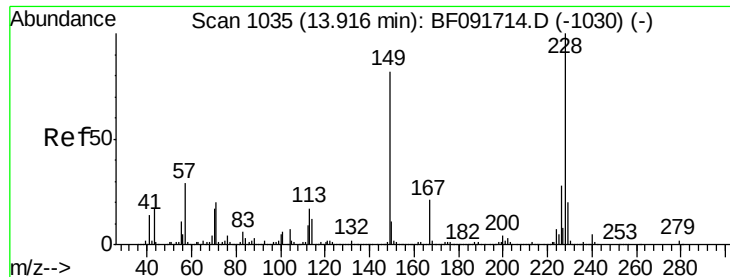
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.3	78.5
126	9.9	13.6	20.4



#82
 Chrysene
 Concen: 34.56 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.0	16.2	24.2

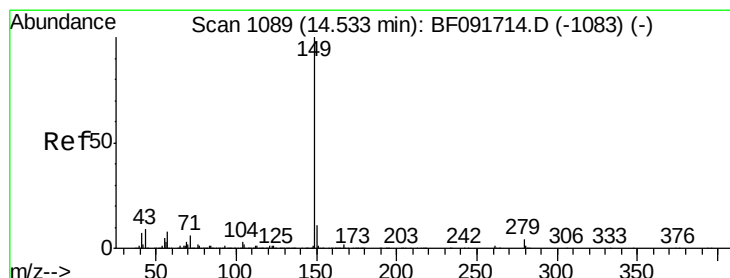
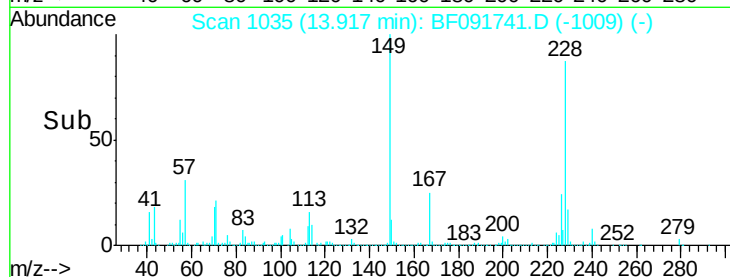
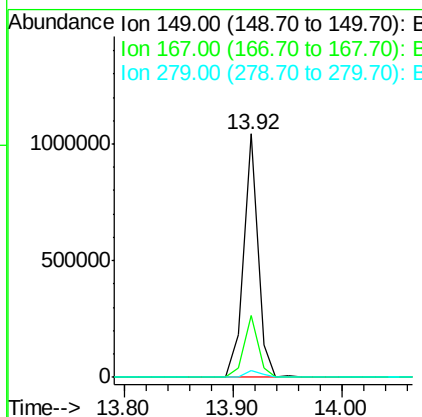
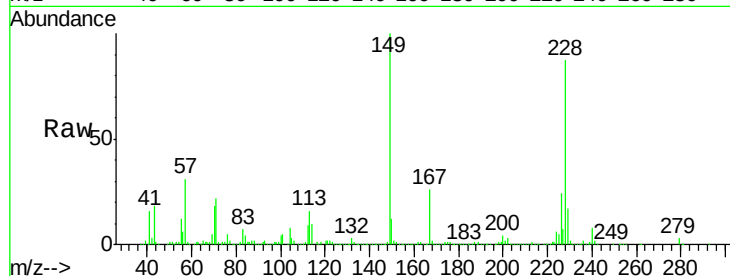




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.06 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

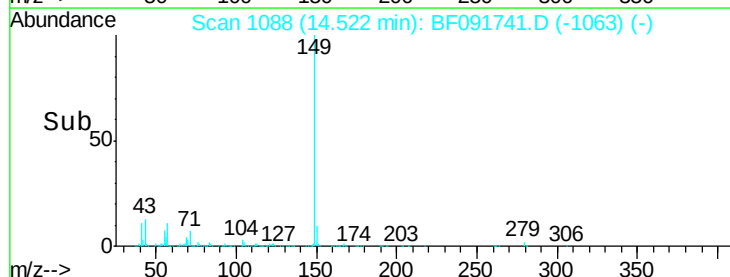
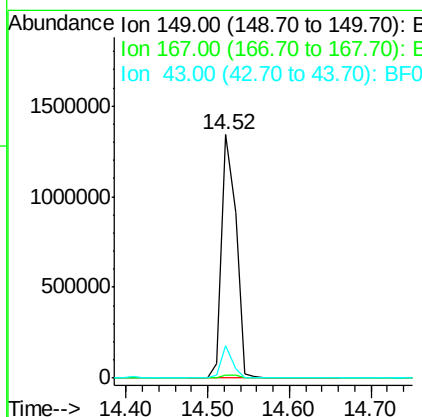
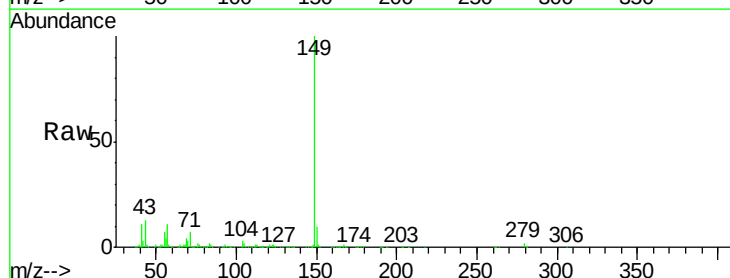
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

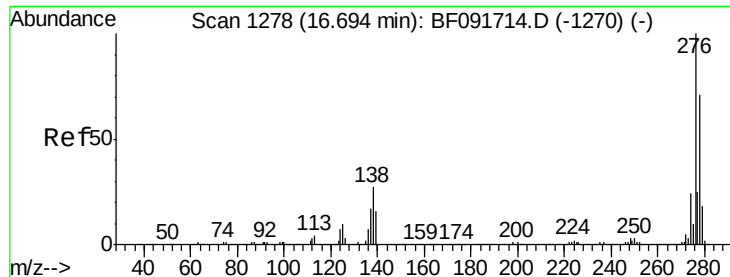
Tot Ion:	149	Resp:	944228
Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.4
279	2.6	1.8	2.8



#84
 Di-n-octyl phthalate
 Concen: 45.11 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion:	149	Resp:	1633207
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3

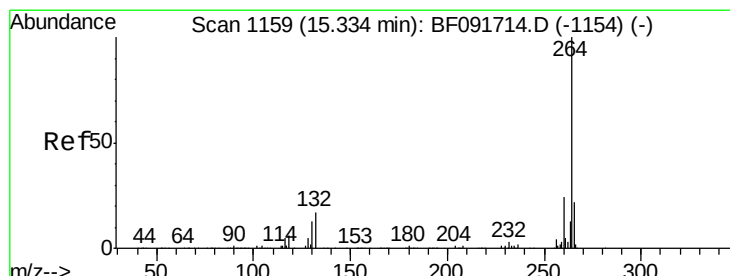
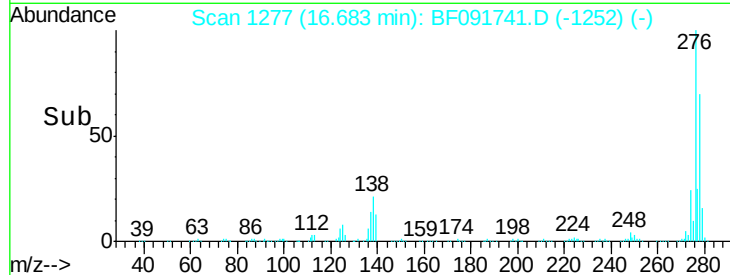
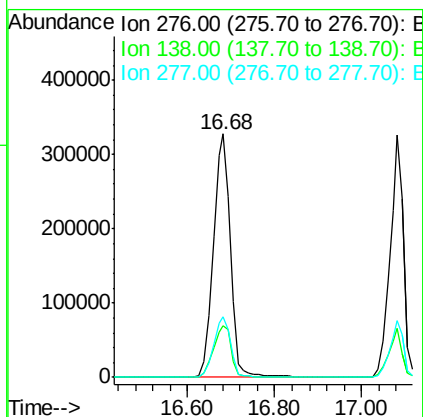
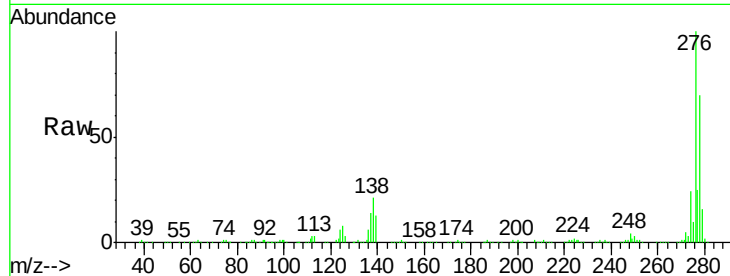




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.21 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

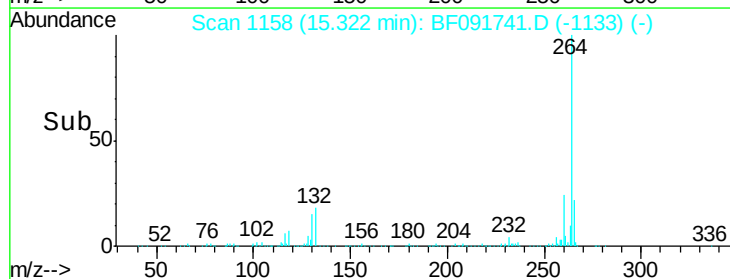
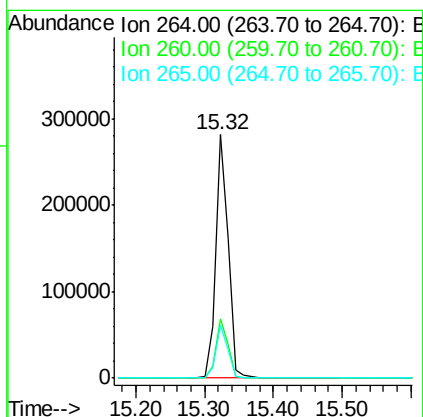
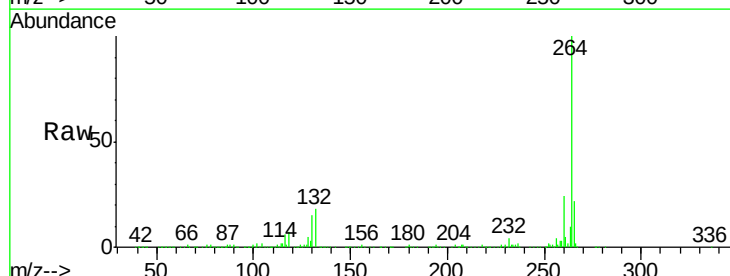
Instrument :
 BNA_F
 ClientSampleId :
 SB-49(22.5-24.5)-12-14-16MS

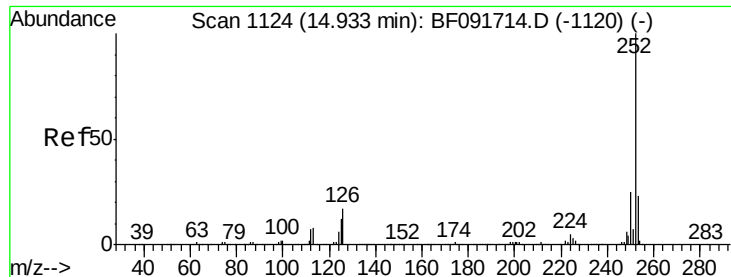
Tot Ion:276 Resp: 913971
 Ion Ratio Lower Upper
 276 100
 138 22.2 21.8 32.6
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091741.D
 Acq: 18 Dec 2016 17:29

Tgt Ion:264 Resp: 359398
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.4 26.0

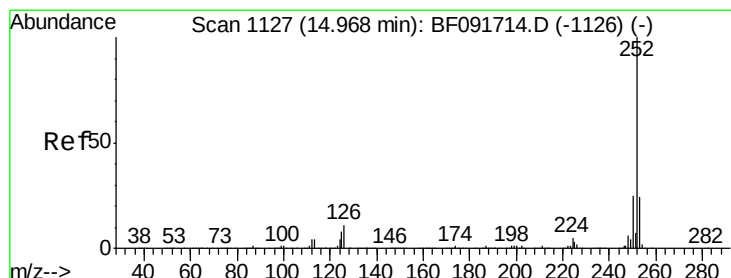
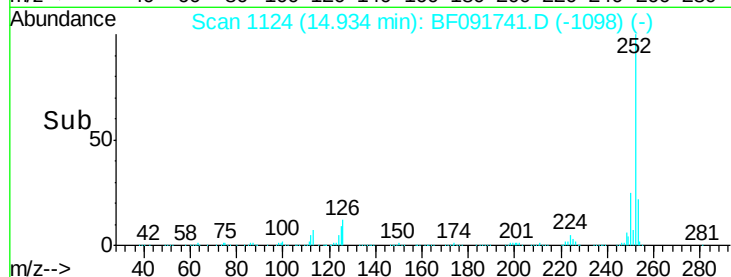
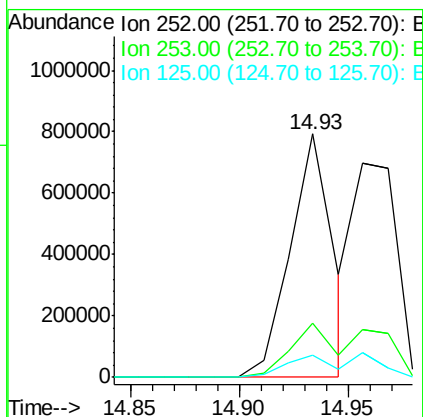
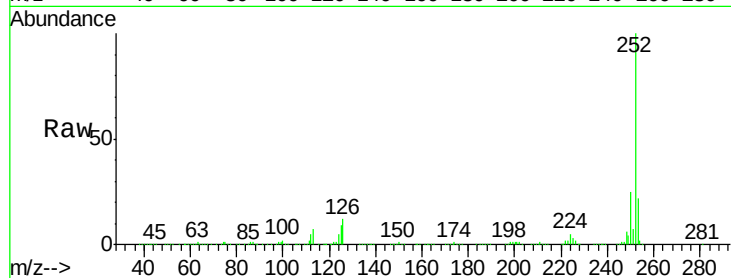




#87
Benzo(b)fluoranthene
Concen: 47.21 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

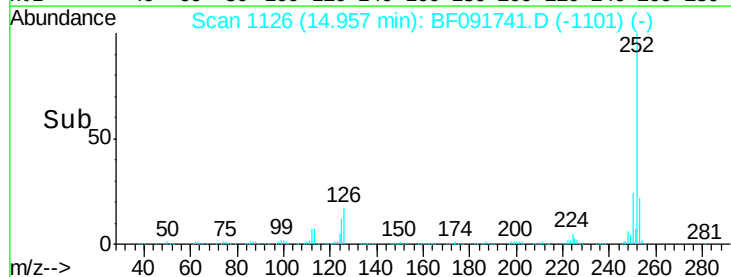
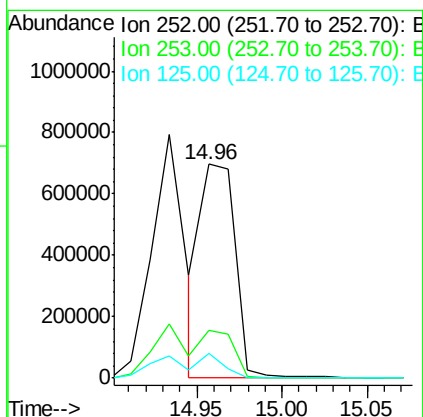
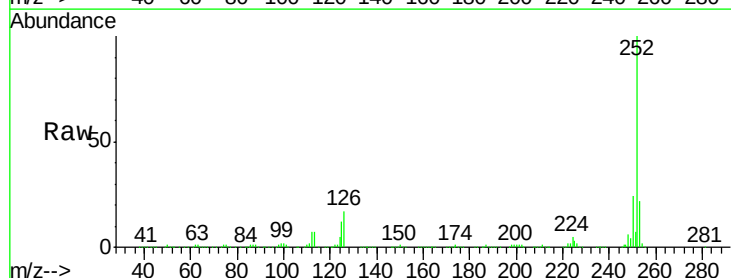
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

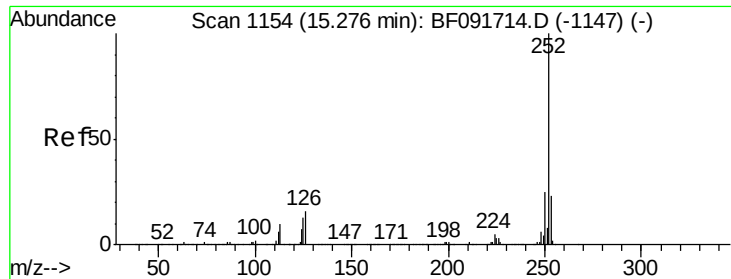
Tot Ion:252 Resp: 1075926
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.2 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 61.50 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion:252 Resp: 983332
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 11.6 8.9 13.3

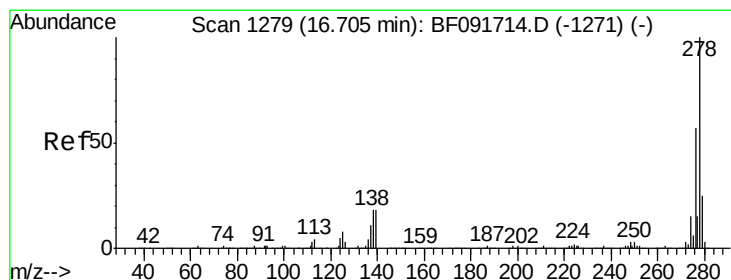
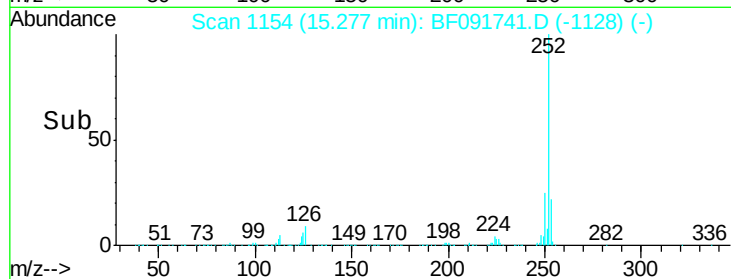
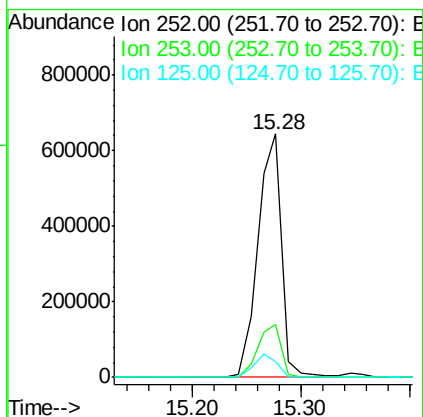
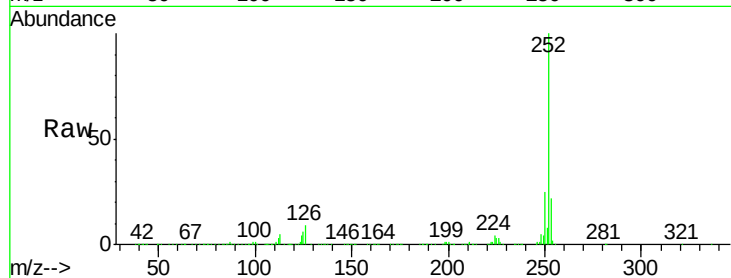




#89
Benzo(a)pyrene
Concen: 49.71 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

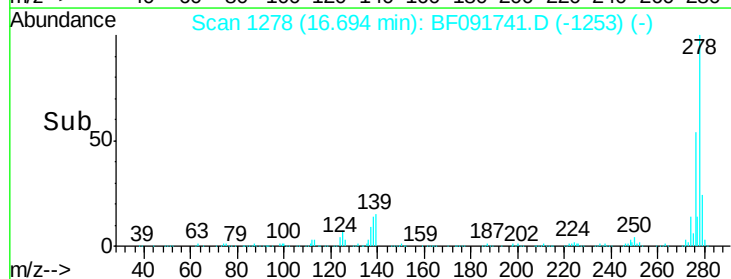
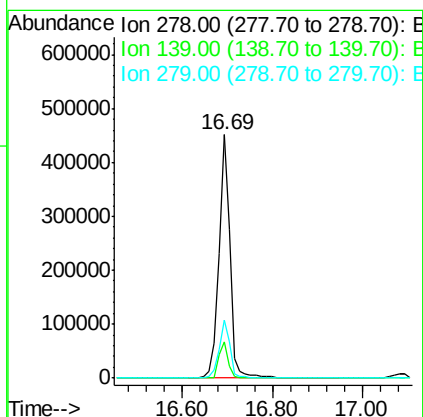
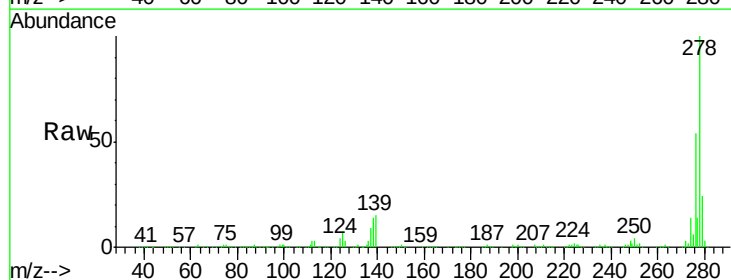
Instrument :
BNA_F
ClientSampleId :
SB-49(22.5-24.5)-12-14-16MS

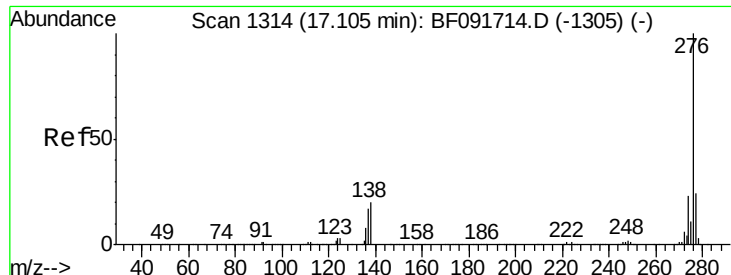
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	6.5	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.43 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF091741.D
Acq: 18 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.8	22.2
279	24.0	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 41.92 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF091741.D

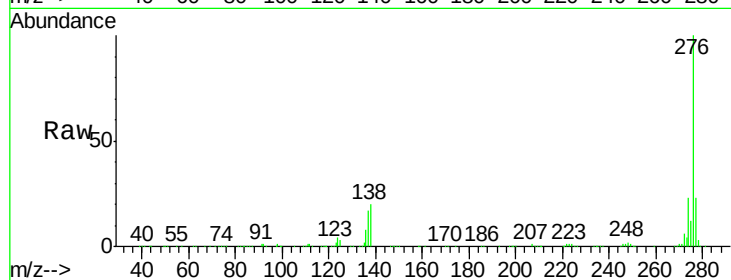
Acq: 18 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

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



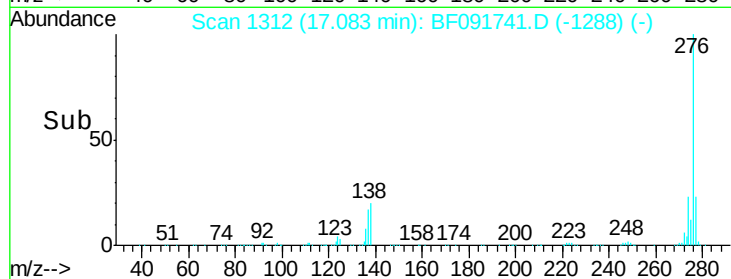
Tot Ion: 276 Resp: 726398

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 20.1 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

