

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091525.D
 Acq On : 9 Dec 2016 13:54
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 16:02:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	226139	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	981003	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	470878	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	817537	20.00	ng	0.00
75) Chrysene-d12	13.96	240	691019	20.00	ng	0.00
86) Perylene-d12	15.38	264	563255	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	80085	5.79	ng	-0.01
7) Phenol-d6	6.44	99	98121	5.76	ng	-0.01
23) Nitrobenzene-d5	7.37	82	88121	5.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	20403	4.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	188170	7.24	ng	-0.01
78) Terphenyl-d14	12.91	244	166518	5.24	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	20178	3.22	ng	85
3) Pyridine	3.15	79	42091	2.38	ng	89
4) n-Nitrosodimethylamine	3.05	42	20152	2.17	ng	# 79
6) Aniline	6.46	93	64139	2.83	ng	# 72
8) 2-Chlorophenol	6.59	128	44470	2.93	ng	93
9) Benzaldehyde	6.35	77	33207	3.03	ng	89
10) Phenol	6.45	94	61064	3.05	ng	82
11) bis(2-Chloroethyl)ether	6.54	93	43371	3.03	ng	# 82
12) 1,3-Dichlorobenzene	6.75	146	49999	2.96	ng	98
13) 1,4-Dichlorobenzene	6.83	146	49888	2.97	ng	98
14) 1,2-Dichlorobenzene	6.98	146	47034	3.01	ng	98
15) Benzyl Alcohol	6.96	79	35382	2.59	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	62634	2.03	ng	80
17) 2-Methylphenol	7.07	107	36852	3.07	ng	# 75
18) Hexachloroethane	7.32	117	17259	2.89	ng	# 78
19) n-Nitroso-di-n-propylamine	7.22	70	30875	2.88	ng	# 83
20) 3+4-Methylphenols	7.22	107	46627	3.18	ng	# 34
22) Acetophenone	7.22	105	70747	3.04	ng	# 99
24) Nitrobenzene	7.39	77	48381	2.70	ng	# 86
25) Isophorone	7.63	82	79247	2.56	ng	97
26) 2-Nitrophenol	7.71	139	17432	2.13	ng	# 86
27) 2,4-Dimethylphenol	7.76	122	35922	2.35	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	50610	2.71	ng	95
29) 2,4-Dichlorophenol	7.95	162	30868	2.30	ng	92
30) 1,2,4-Trichlorobenzene	8.04	180	40692	2.70	ng	97
31) Naphthalene	8.12	128	130878	2.81	ng	98
32) Benzoic acid	7.80	122	9681	0.86	ng	94
33) 4-Chloroaniline	8.17	127	53780	2.70	ng	99
34) Hexachlorobutadiene	8.25	225	20684	2.23	ng	98
35) Caprolactam	8.49	113	7444	1.93	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	37641	2.59	ng	98
37) 2-Methylnaphthalene	8.81	142	84422	2.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	35681	2.69	ng	99
40) Hexachlorocyclopentadiene	8.97	237	11835	1.92	ng	98

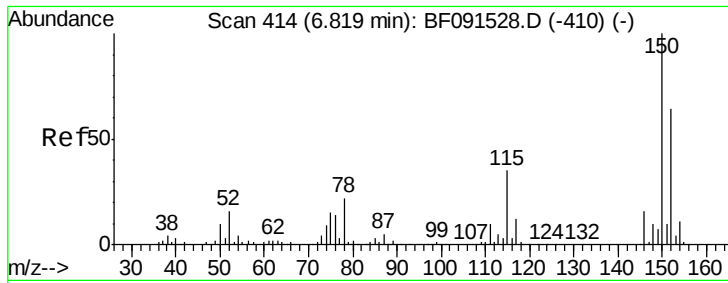
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	22733	2.64	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	22733	2.63	ng	94
45) 1,1'-Biphenyl	9.28	154	105441	3.11	ng	94
46) 2-Chloronaphthalene	9.30	162	75797	3.01	ng	93
47) 2-Nitroaniline	9.39	65	20509	2.26	ng	91
48) Acenaphthylene	9.71	152	125361	3.16	ng	98
49) Dimethylphthalate	9.57	163	82564	2.90	ng	100
50) 2,6-Dinitrotoluene	9.63	165	17453	2.74	ng	# 82
51) Acenaphthene	9.88	154	82853	3.09	ng	98
52) 3-Nitroaniline	9.80	138	18406	2.50	ng	# 85
53) 2,4-Dinitrophenol	9.90	184	1448	0.52	ng	# 86
54) Dibenzofuran	10.05	168	111345	3.11	ng	96
55) 4-Nitrophenol	9.96	139	12148	2.28	ng	# 85
56) 2,4-Dinitrotoluene	10.03	165	19323	2.34	ng	# 71
57) Fluorene	10.40	166	85886	3.12	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	17096	2.32	ng	92
59) Diethylphthalate	10.27	149	98190	3.49	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	37130	2.69	ng	97
61) 4-Nitroaniline	10.40	138	18149	2.62	ng	80
62) Azobenzene	10.54	77	89545	3.12	ng	87
64) 4,6-Dinitro-2-methylphenol	10.43	198	3847	0.85	ng	98
65) n-Nitrosodiphenylamine	10.50	169	63228	2.55	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	22813	2.60	ng	95
67) Hexachlorobenzene	10.94	284	25342	2.67	ng	97
68) Atrazine	11.04	200	20517	2.56	ng	95
69) Pentachlorophenol	11.14	266	7197	1.29	ng	93
70) Phenanthrene	11.36	178	129520	3.05	ng	98
71) Anthracene	11.40	178	135931	3.22	ng	96
72) Carbazole	11.56	167	109528	2.86	ng	95
73) Di-n-butylphthalate	11.90	149	111256	2.57	ng	98
74) Fluoranthene	12.53	202	122821	3.05	ng	96
76) Benzidine	12.66	184	57752	2.85	ng	95
77) Pyrene	12.76	202	134228	2.56	ng	96
79) Butylbenzylphthalate	13.39	149	40620	2.07	ng	93
80) Benzo(a)anthracene	13.95	228	103006	2.55	ng	96
81) 3,3'-Dichlorobenzidine	13.92	252	34399	2.42	ng	98
82) Chrysene	13.99	228	113038	2.83	ng	97
83) Bis(2-ethylhexyl)phthalate	13.95	149	55140	2.22	ng	99
84) Di-n-octyl phthalate	14.57	149	89623	2.38	ng	95
85) Indeno(1,2,3-cd)pyrene	16.73	276	79995	2.18	ng	98
87) Benzo(b)fluoranthene	14.97	252	178031	5.09	ng	98
88) Benzo(k)fluoranthene	14.97	252	178031	6.05	ng	97
89) Benzo(a)pyrene	15.31	252	81116	2.58	ng	98
90) Dibenzo(a,h)anthracene	16.75	278	70435	2.42	ng	97
91) Benzo(g,h,i)perylene	17.14	276	69112	2.31	ng	97

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

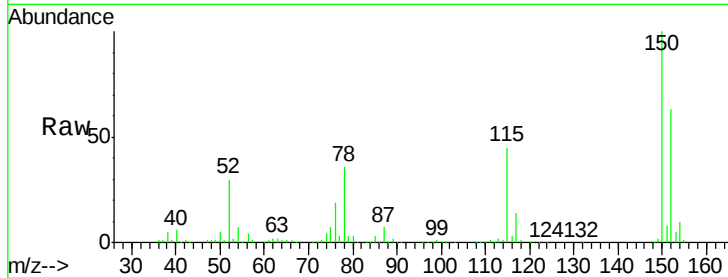


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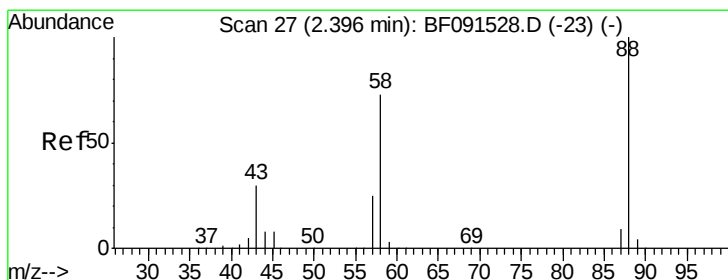
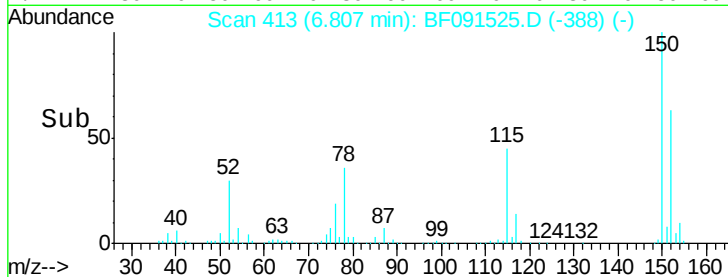
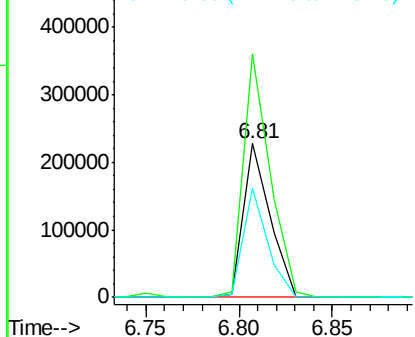
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 226139
Ion Ratio Lower Upper
152 100
150 158.4 122.5 183.7
115 70.8 51.8 77.8



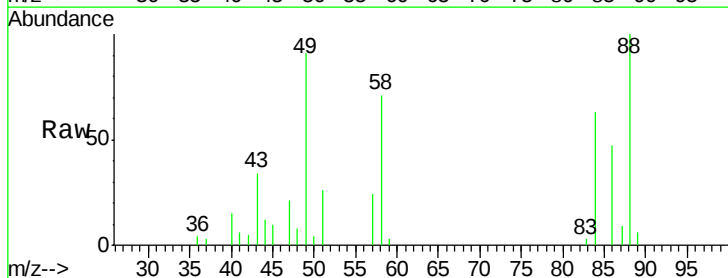
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



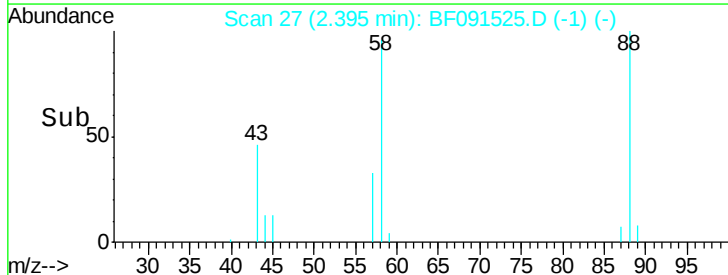
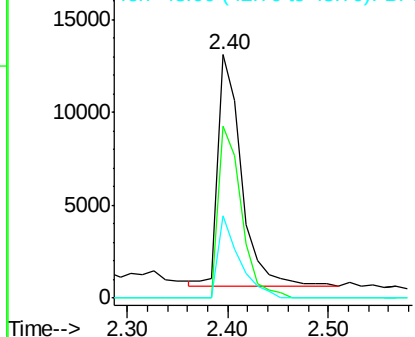
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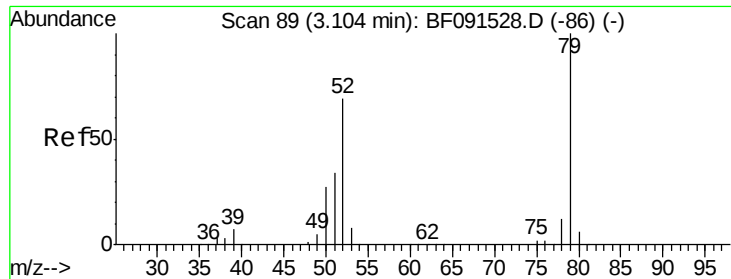
1,4-Dioxane
Concen: 3.22 ng
RT: 2.40 min Scan# 27
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion: 88 Resp: 20178
Ion Ratio Lower Upper
88 100
58 72.7 70.3 105.5
43 31.7 31.3 46.9



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: 2.38 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.05 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

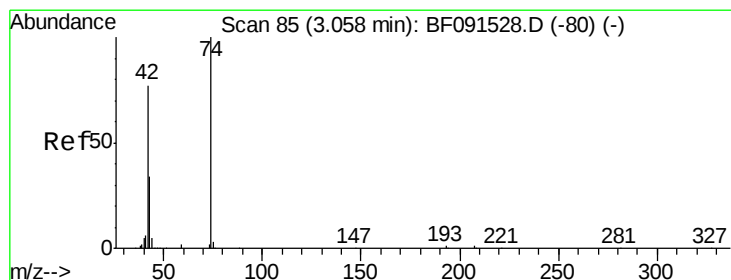
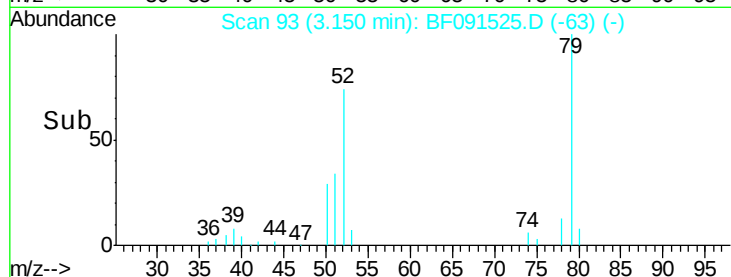
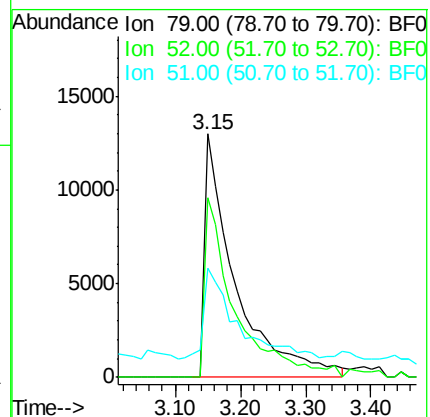
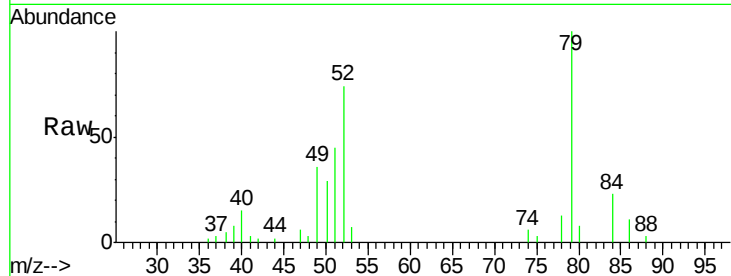
Tot Ion: 79 Resp: 42091

Ion Ratio Lower Upper

79 100

52 73.9 71.0 106.4

51 44.9 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 2.17 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

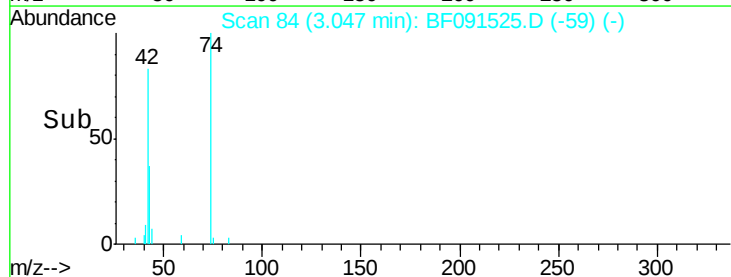
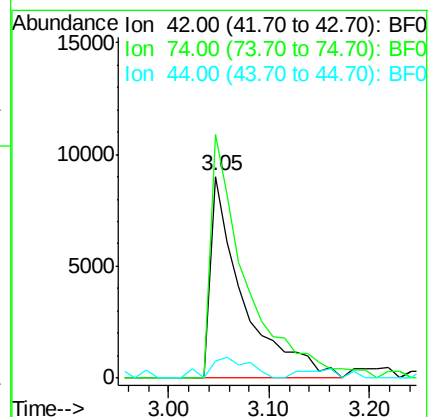
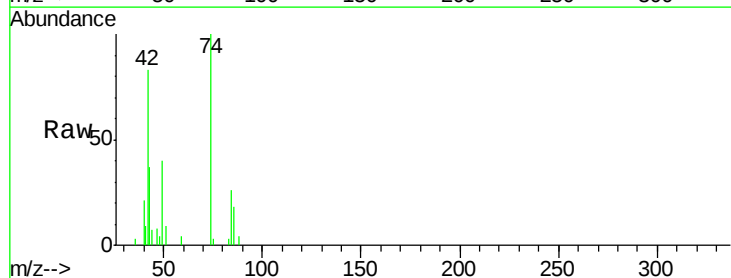
Tgt Ion: 42 Resp: 20152

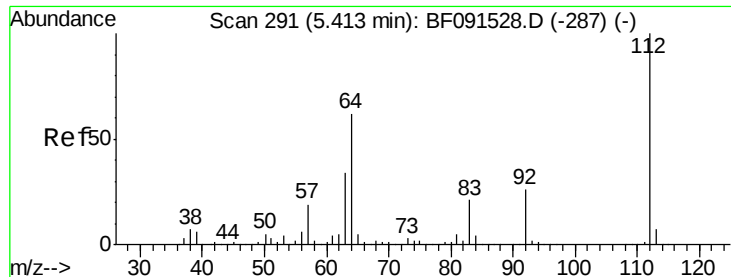
Ion Ratio Lower Upper

42 100

74 120.9 78.9 118.3#

44 8.5 5.8 8.6





#5

2-Fluorophenol

Concen: 5.79 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

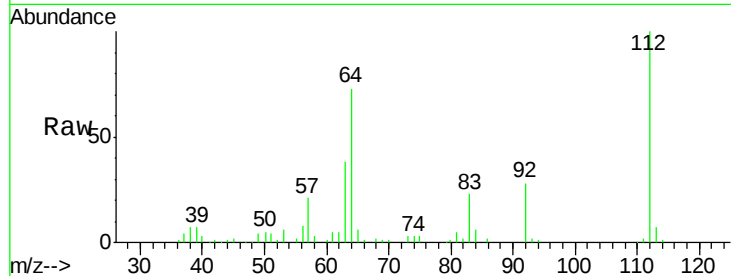
Tot Ion:112 Resp: 80085

Ion Ratio Lower Upper

112 100

64 72.7 61.5 92.3

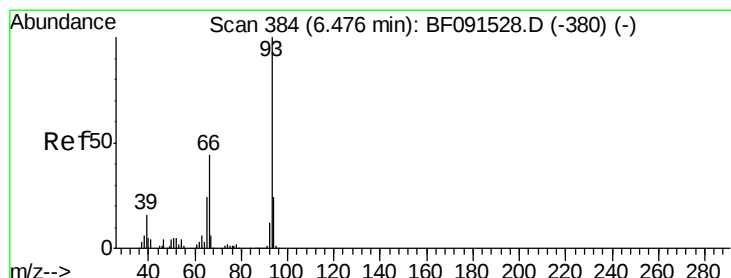
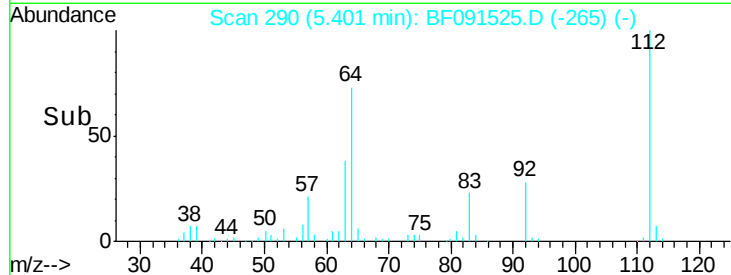
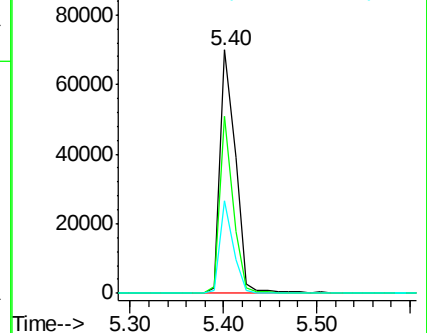
63 37.9 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.83 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

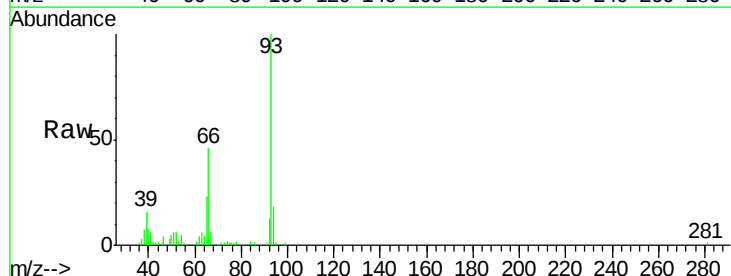
Tgt Ion: 93 Resp: 64139

Ion Ratio Lower Upper

93 100

66 45.5 55.8 83.6#

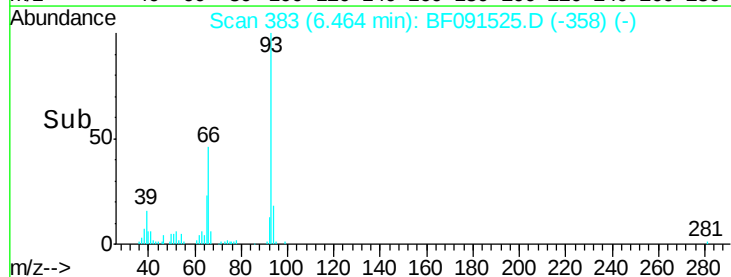
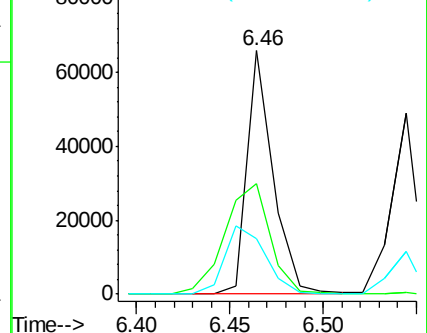
65 22.9 29.9 44.9#

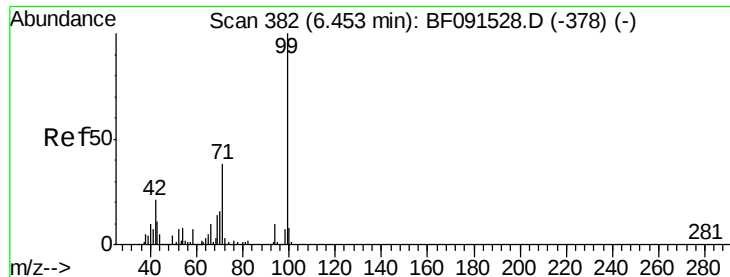


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.76 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

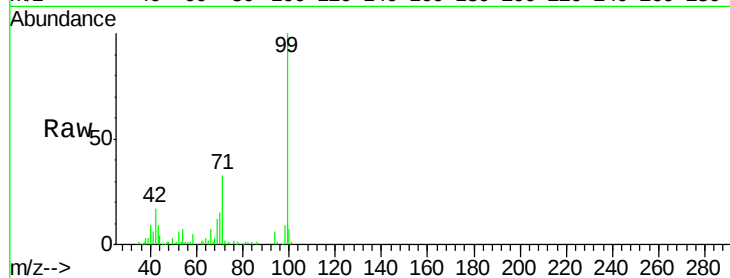
Tot Ion: 99 Resp: 98121

Ion Ratio Lower Upper

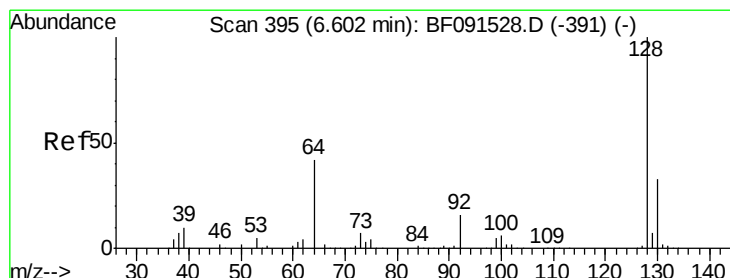
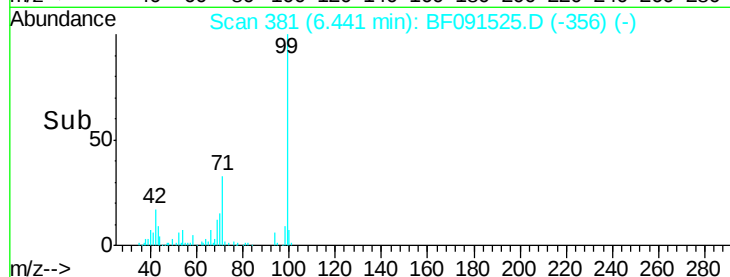
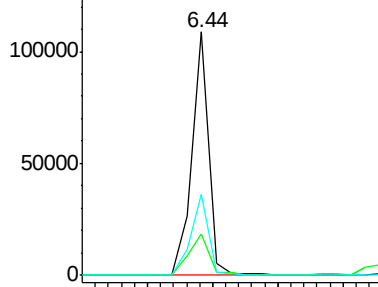
99 100

42 17.0 20.6 31.0#

71 33.3 29.9 44.9



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: 2.93 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

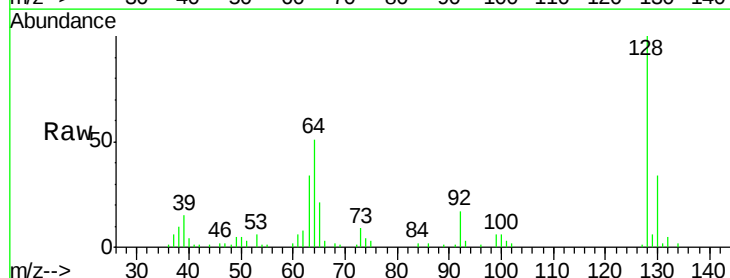
Tgt Ion: 128 Resp: 44470

Ion Ratio Lower Upper

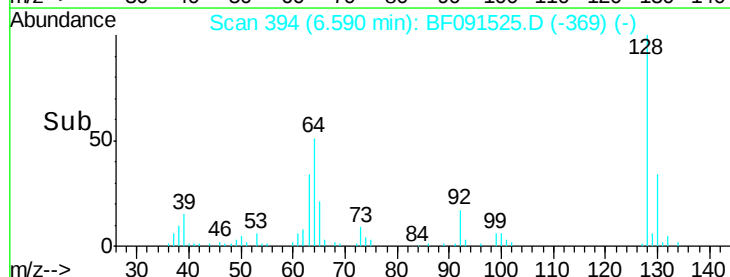
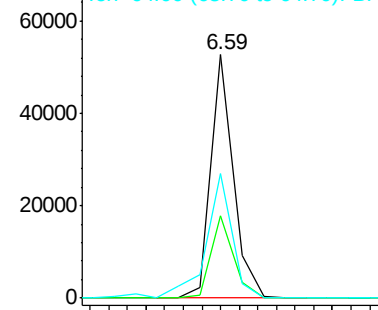
128 100

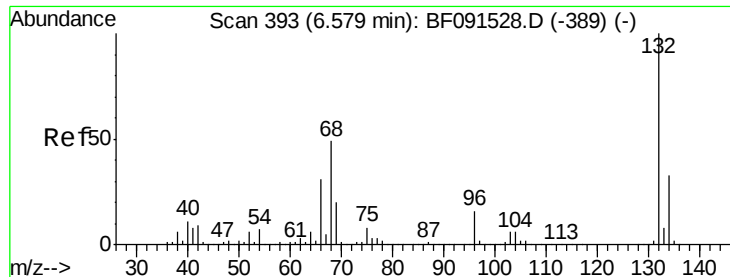
130 33.8 13.1 53.1

64 51.0 24.1 64.1



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: 3.03 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

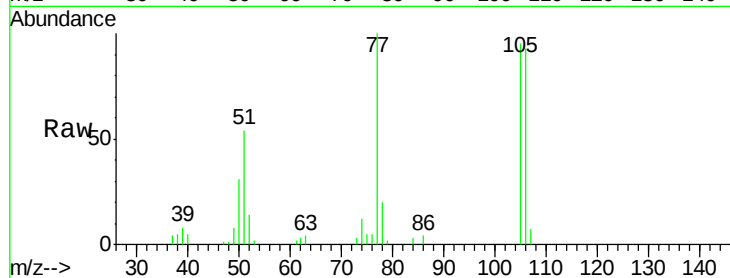
Tot Ion: 77 Resp: 33207

Ion Ratio Lower Upper

77 100

105 95.3 66.4 106.4

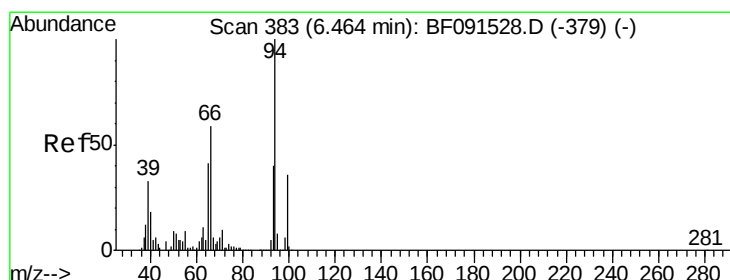
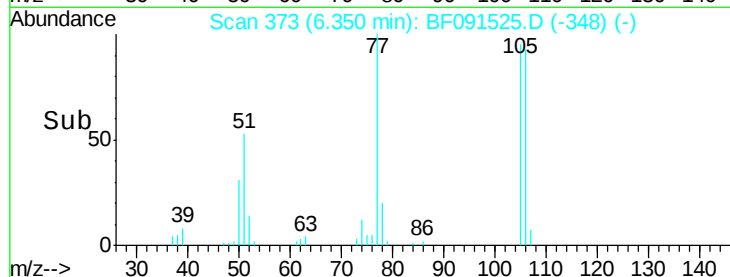
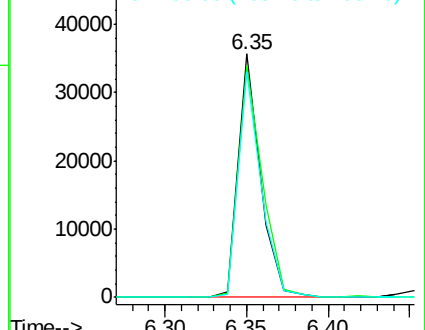
106 92.8 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 3.05 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

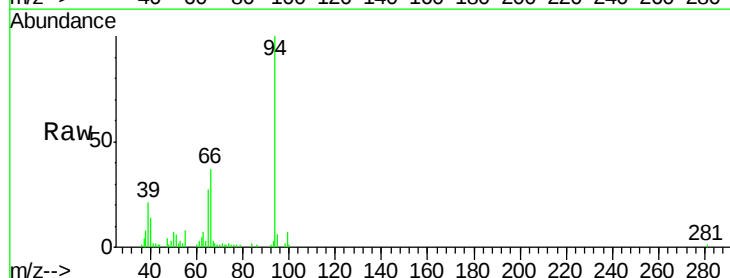
Tgt Ion: 94 Resp: 61064

Ion Ratio Lower Upper

94 100

65 26.8 16.9 56.9

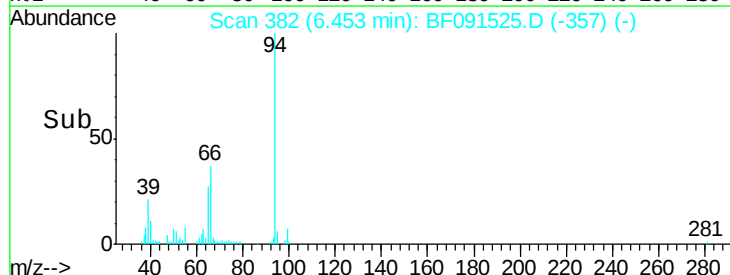
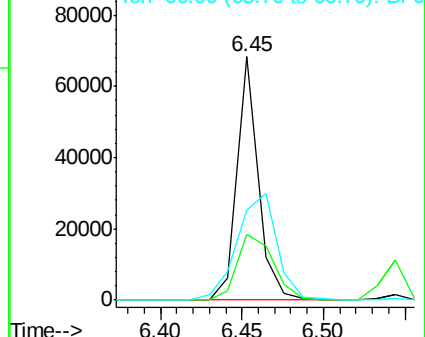
66 37.0 30.6 70.6

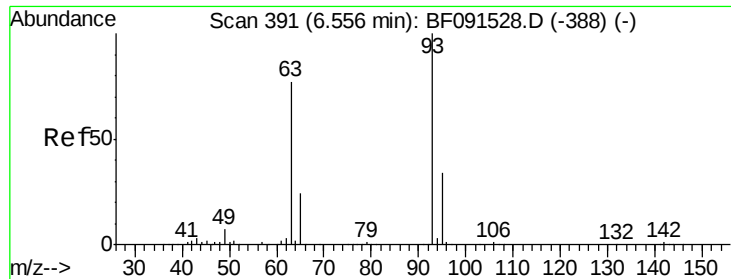


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 3.03 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

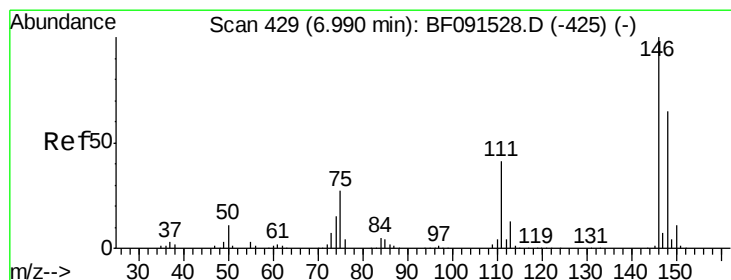
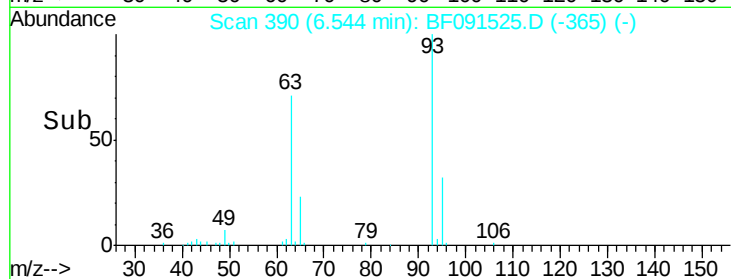
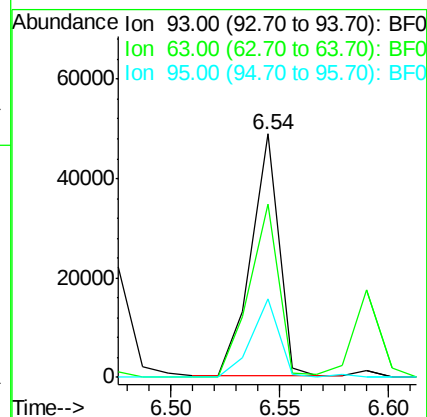
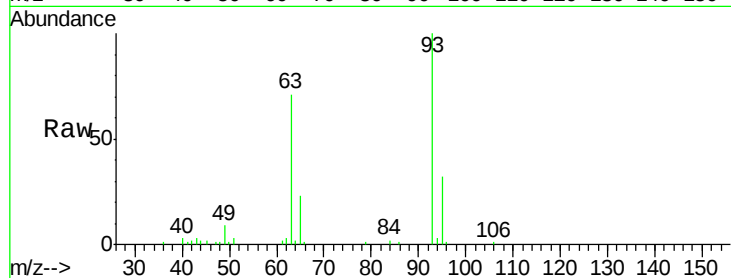
Tot Ion: 93 Resp: 43371

Ion Ratio Lower Upper

93 100

63 71.1 74.8 114.8#

95 32.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 2.96 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

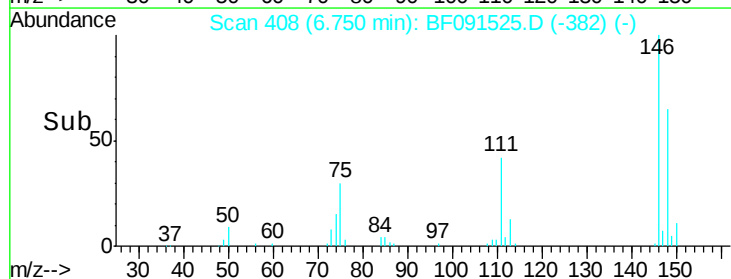
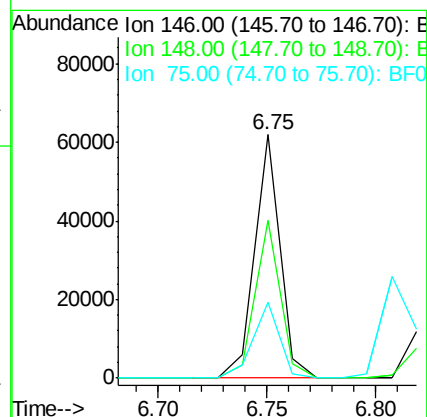
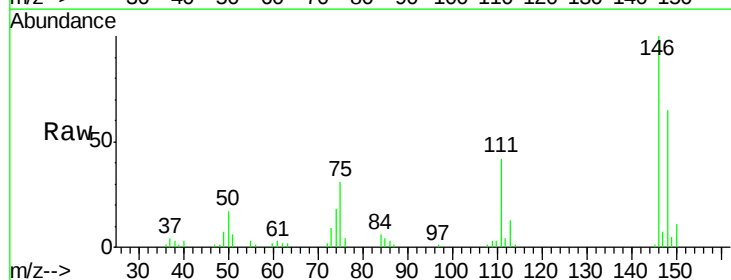
Tgt Ion: 146 Resp: 49999

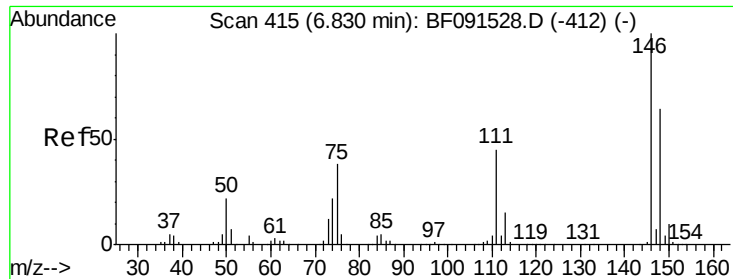
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

75 31.3 23.6 35.4

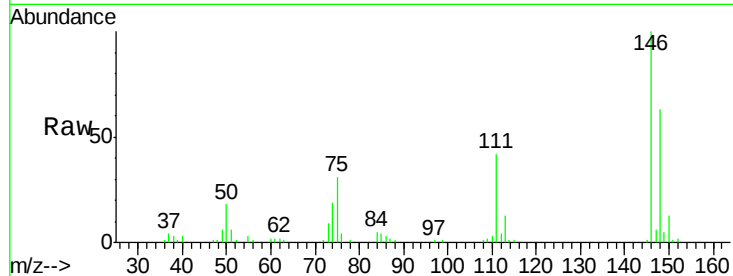




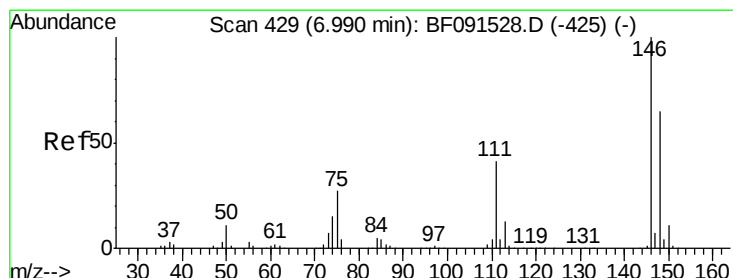
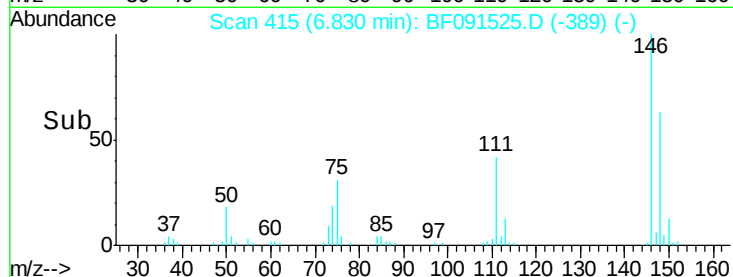
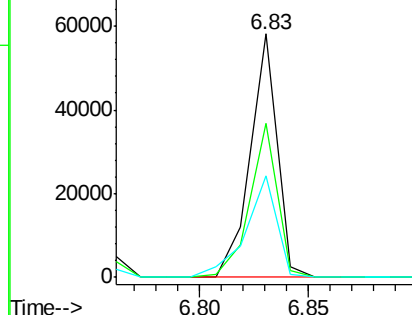
#13
 1,4-Dichlorobenzene
 Concen: 2.97 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 49888
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 41.7 32.2 48.2

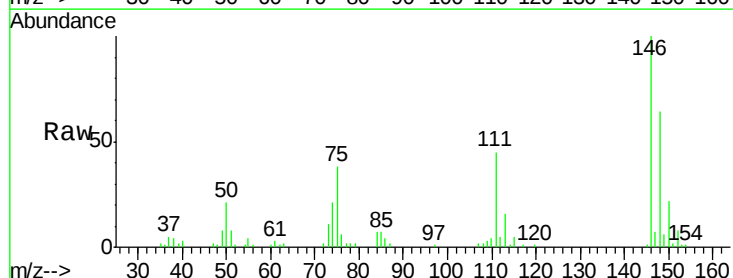


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

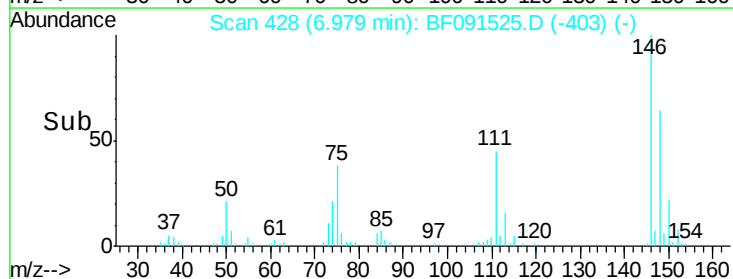
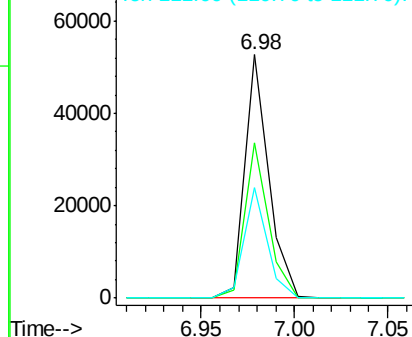


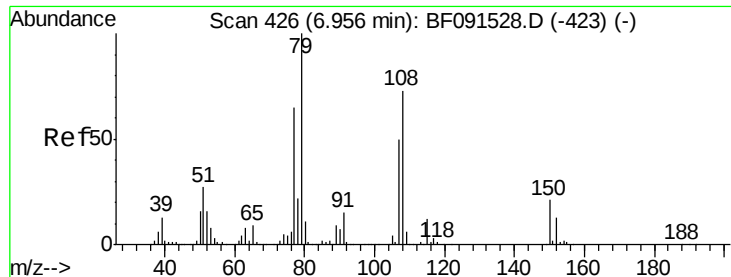
#14
 1,2-Dichlorobenzene
 Concen: 3.01 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:146 Resp: 47034
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 45.2 38.9 58.3



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: 2.59 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

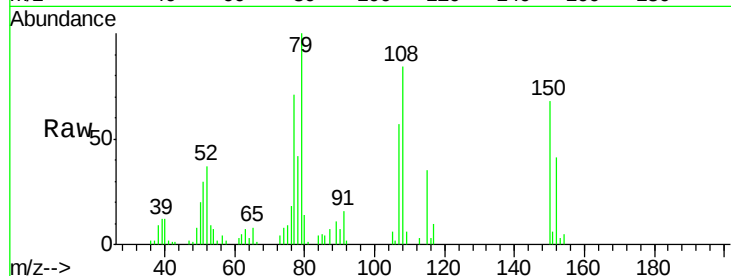
Tot Ion: 79 Resp: 35382

Ion Ratio Lower Upper

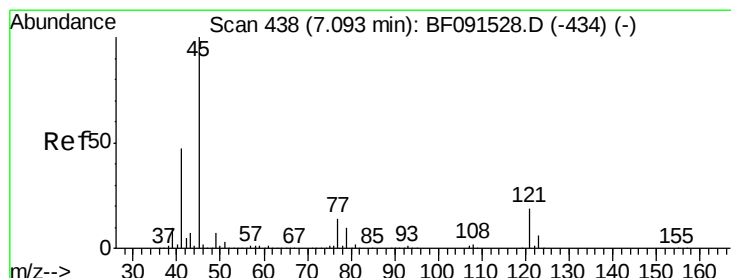
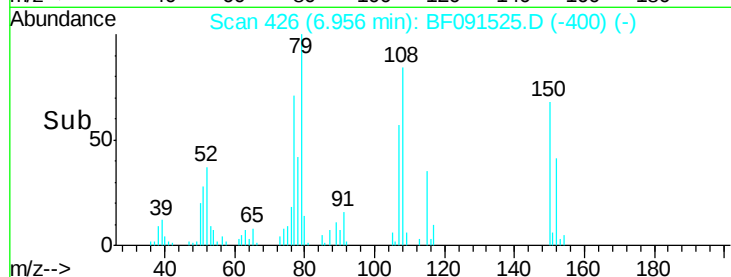
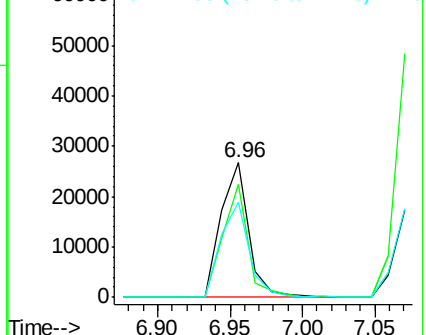
79 100

108 83.8 62.7 94.1

77 70.9 51.7 77.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.03 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

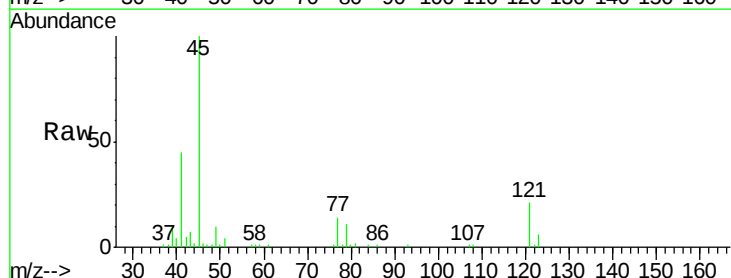
Tgt Ion: 45 Resp: 62634

Ion Ratio Lower Upper

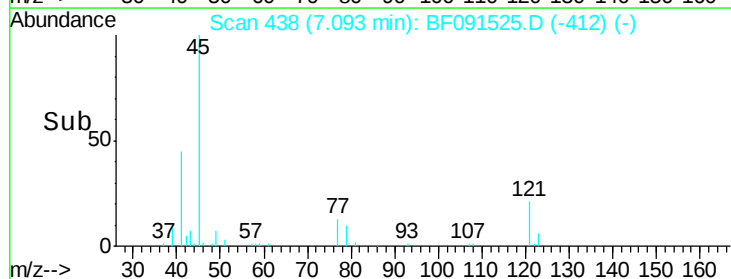
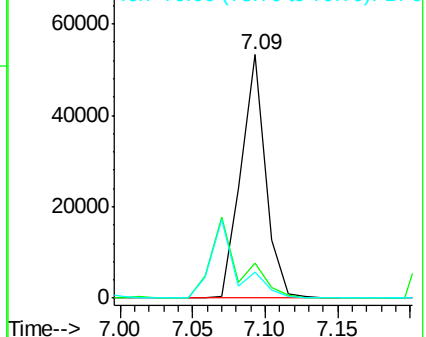
45 100

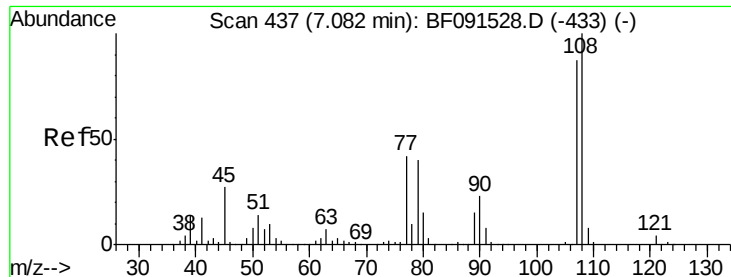
77 14.2 3.8 43.8

79 10.9 0.2 40.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 3.07 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 36852

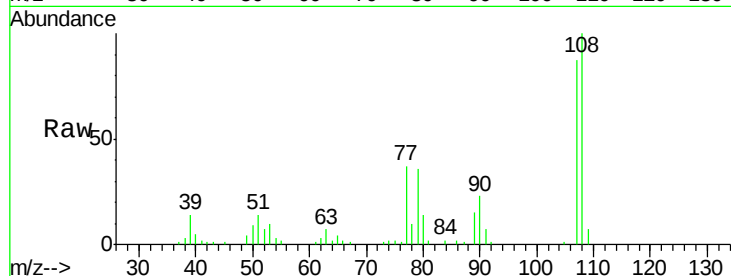
Ion Ratio Lower Upper

107 100

108 115.2 67.7 101.5#

77 42.1 40.7 61.1

79 41.3 23.4 35.2#

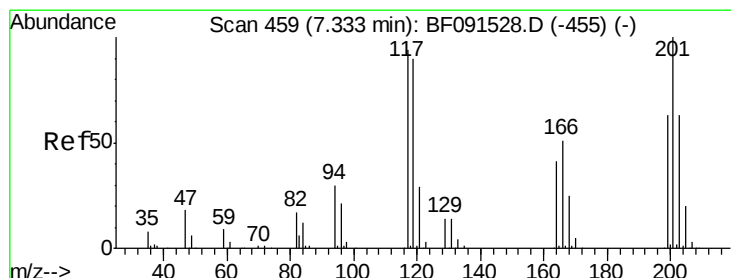
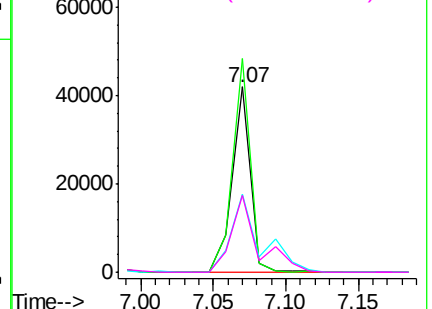
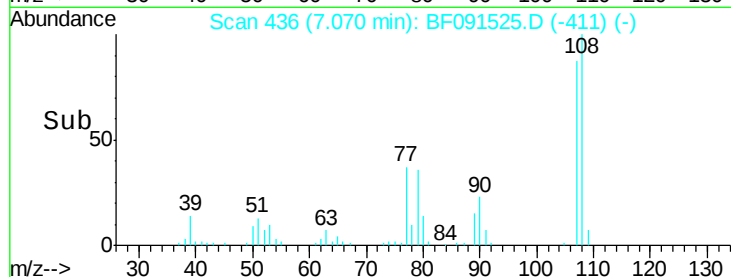


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.89 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

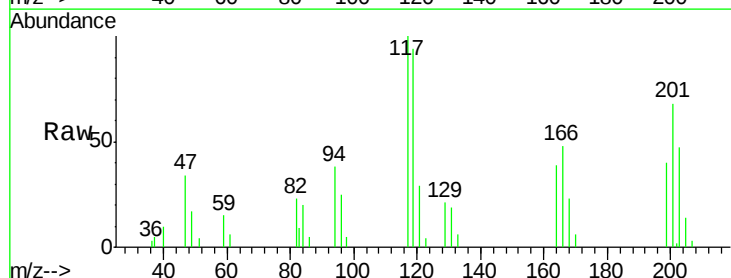
Tgt Ion:117 Resp: 17259

Ion Ratio Lower Upper

117 100

119 93.7 78.6 118.0

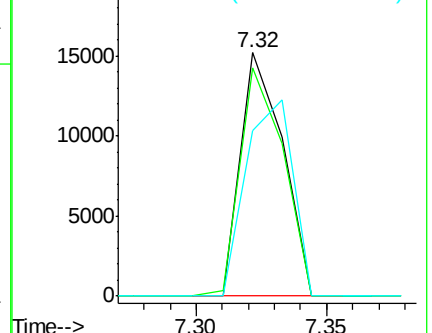
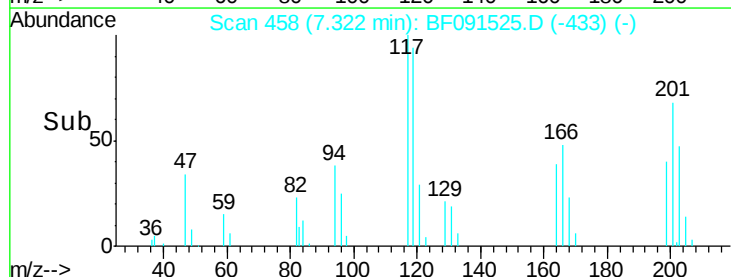
201 68.2 86.7 130.1#

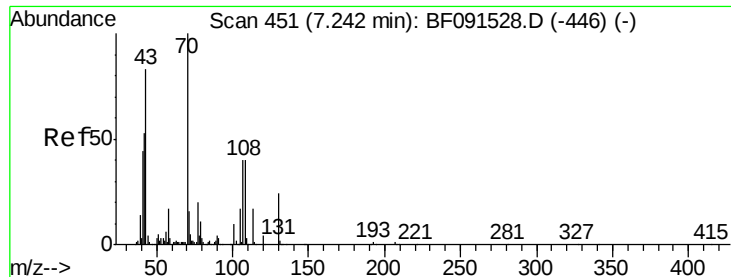


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

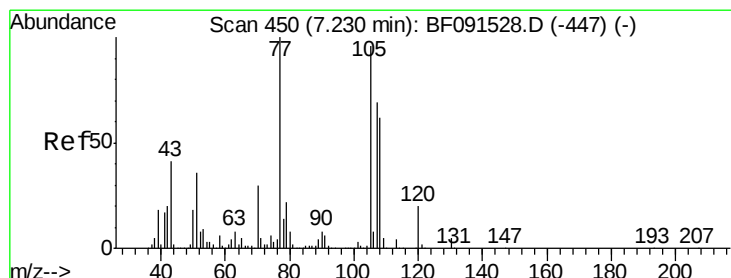
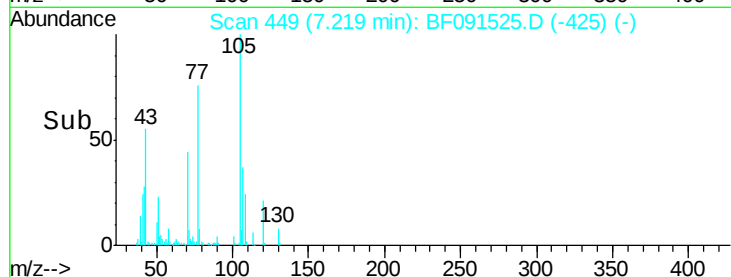
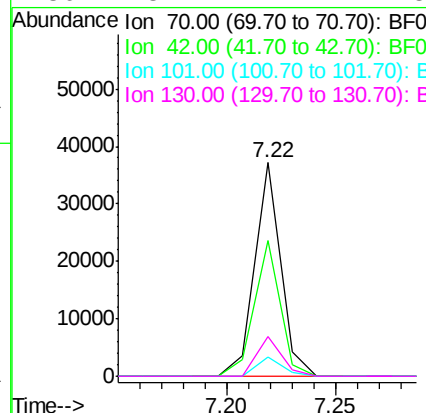
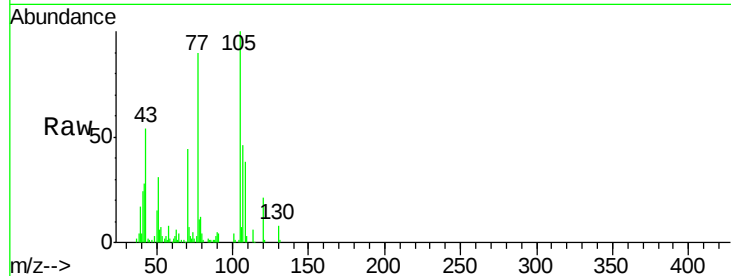




#19
n-Nitroso-di-n-propylamine
Concen: 2.88 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

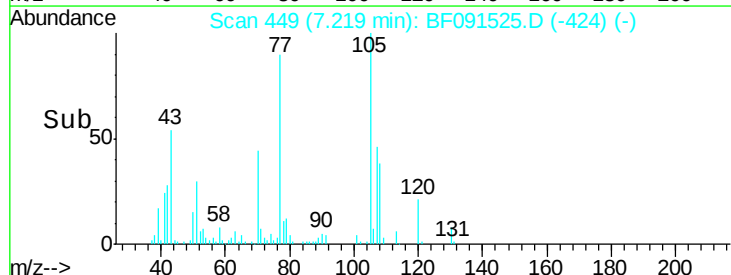
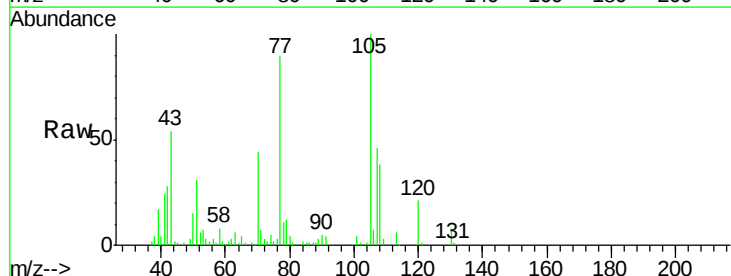
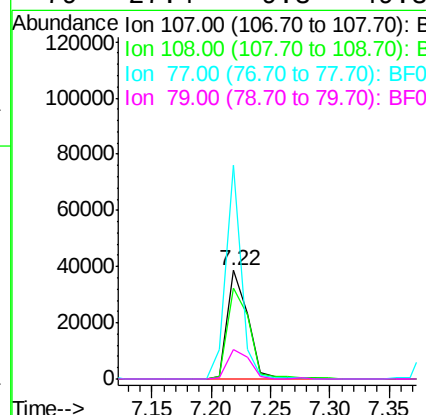
Instrument :
BNA_F
ClientSampleId :

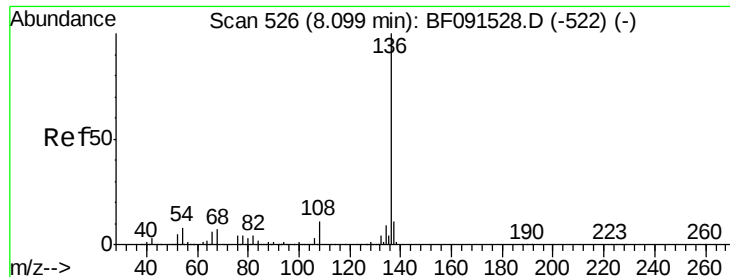
Tot Ion: 70 Resp: 30875
Ion Ratio Lower Upper
70 100
42 63.8 64.8 97.2#
101 9.0 6.2 9.4
130 18.4 11.7 17.5#



#20
3+4-Methylphenols
Concen: 3.18 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion: 107 Resp: 46627
Ion Ratio Lower Upper
107 100
108 83.9 64.6 104.6
77 196.9 30.9 70.9#
79 27.4 9.3 49.3

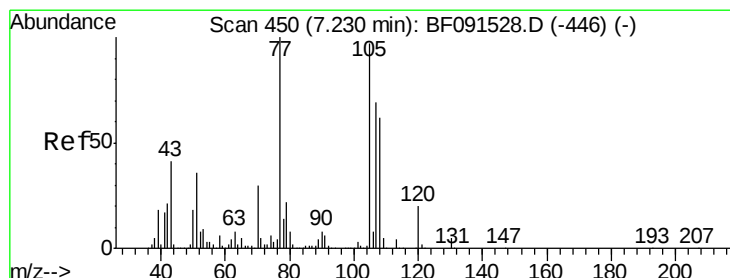
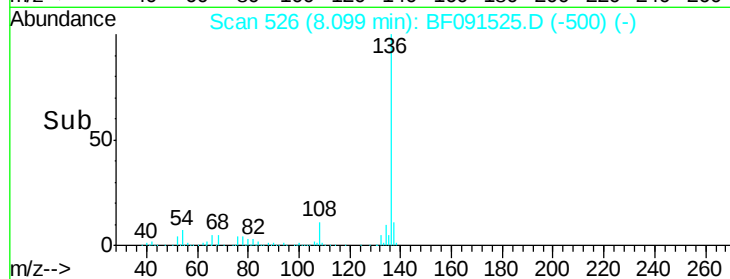
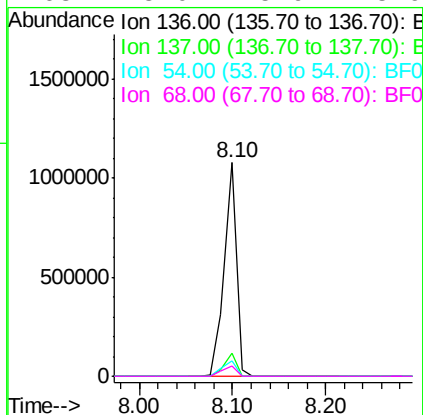
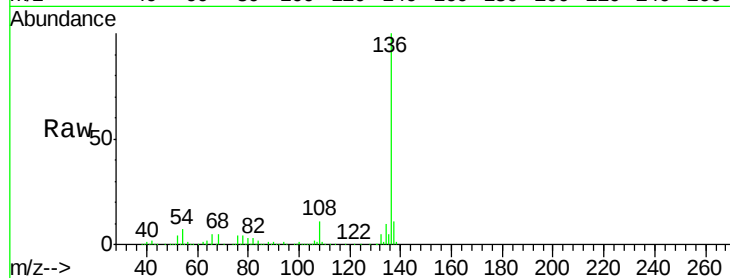




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

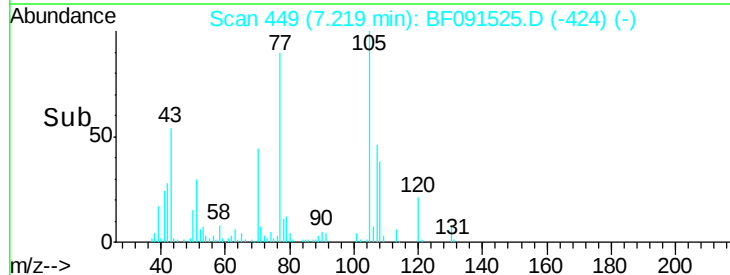
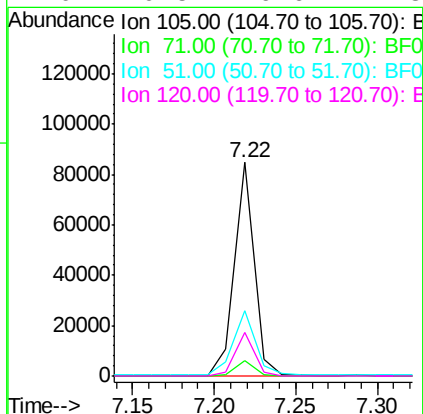
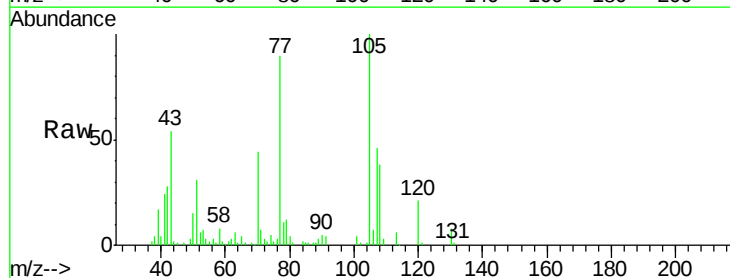
Instrument :
BNA_F
ClientSampleId :

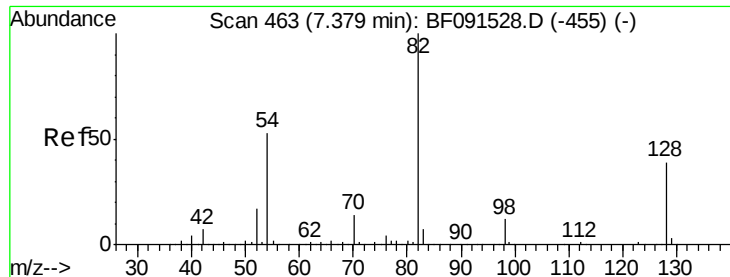
Tot Ion:136	Resp:	981003
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	7.2	9.1 13.7#
68	5.0	5.9 8.9#



#22
Acetophenone
Concen: 3.04 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:105	Resp:	70747
Ion Ratio	Lower	Upper
105	100	
71	7.3	7.9 11.9#
51	30.7	24.5 36.7
120	20.5	16.6 24.8

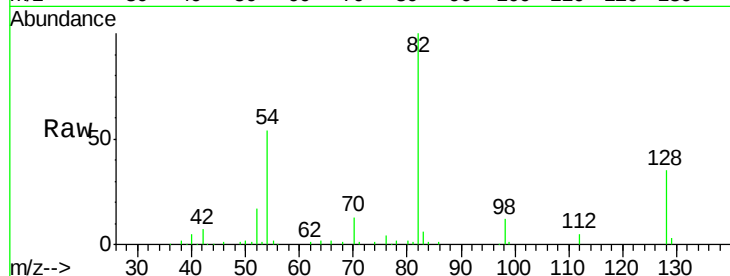




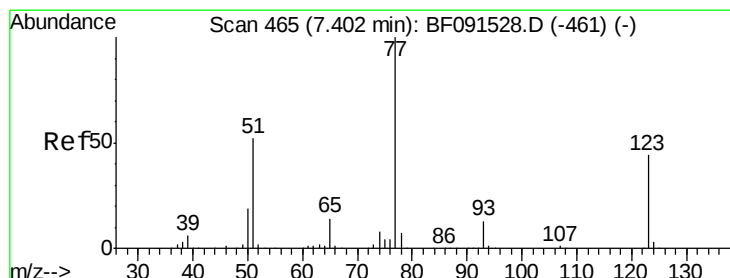
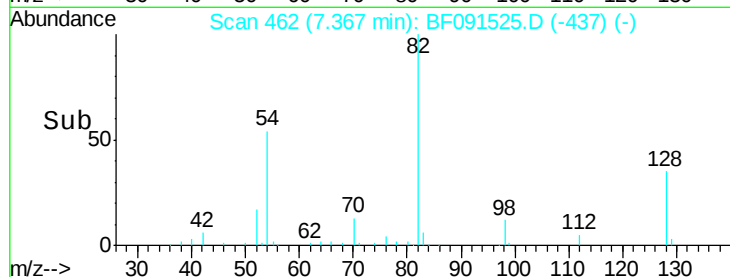
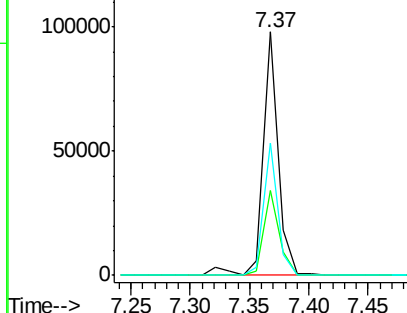
#23
Nitrobenzene-d5
Concen: 5.03 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 88121
Ion Ratio Lower Upper
82 100
128 34.9 31.8 47.6
54 54.1 49.1 73.7

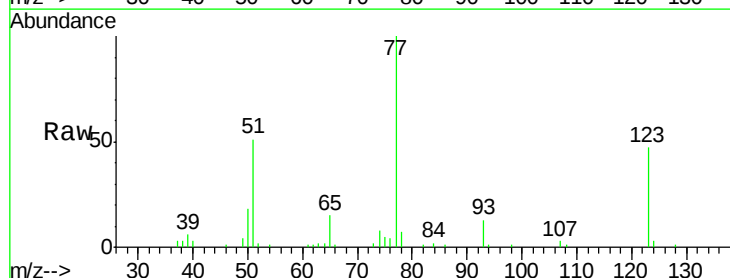


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

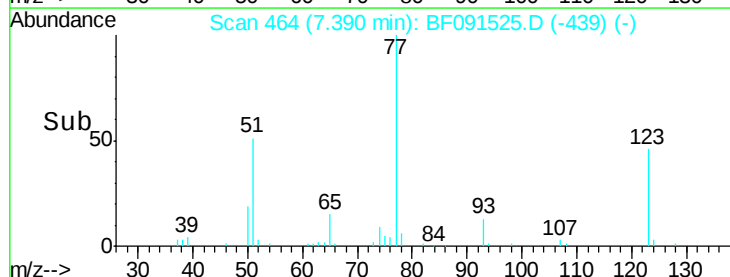
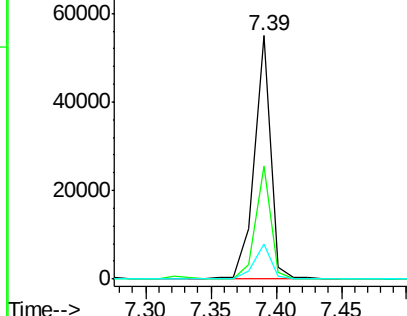


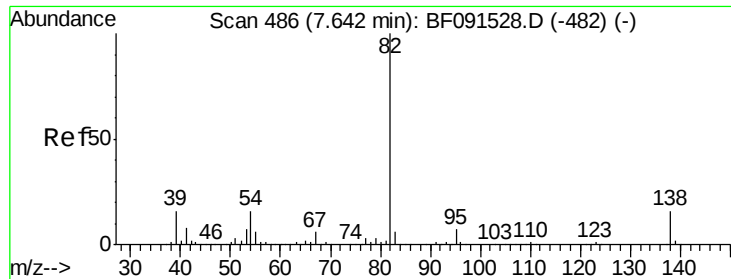
#24
Nitrobenzene
Concen: 2.70 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion: 77 Resp: 48381
Ion Ratio Lower Upper
77 100
123 46.6 28.5 42.7#
65 14.6 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.56 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

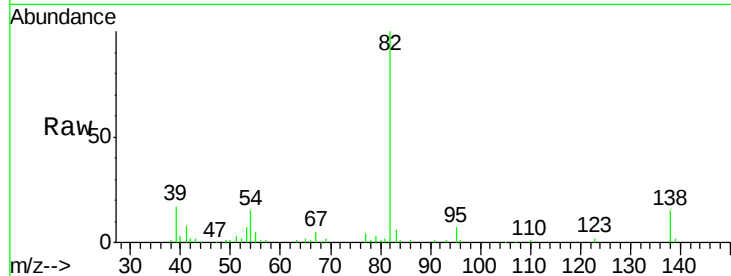
Tot Ion: 82 Resp: 79247

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

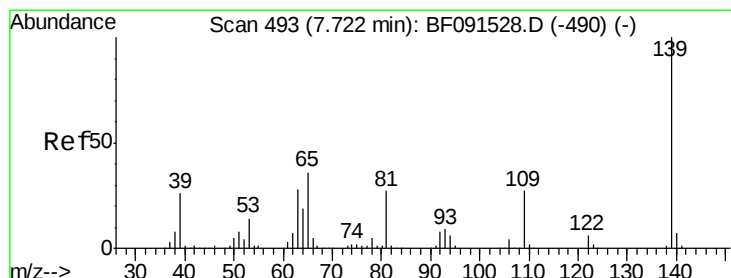
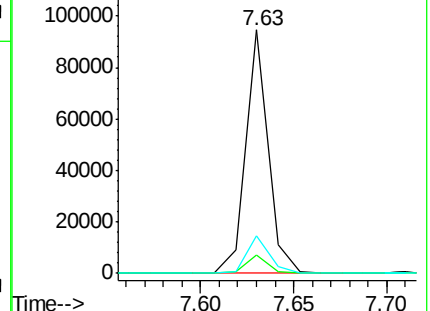
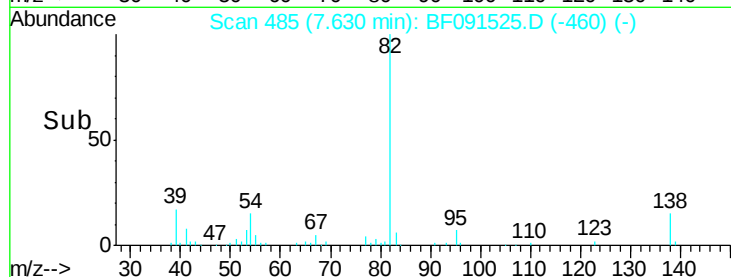
138 15.3 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.13 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

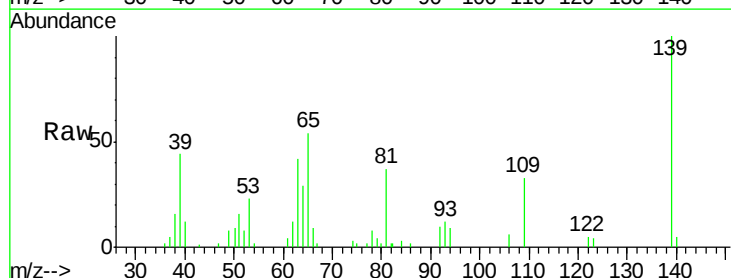
Tgt Ion: 139 Resp: 17432

Ion Ratio Lower Upper

139 100

109 32.9 25.3 37.9

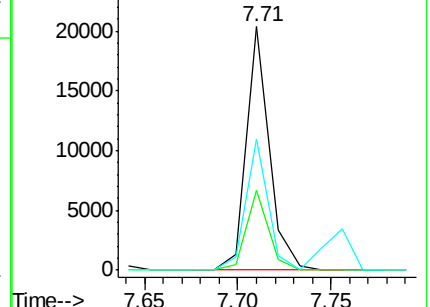
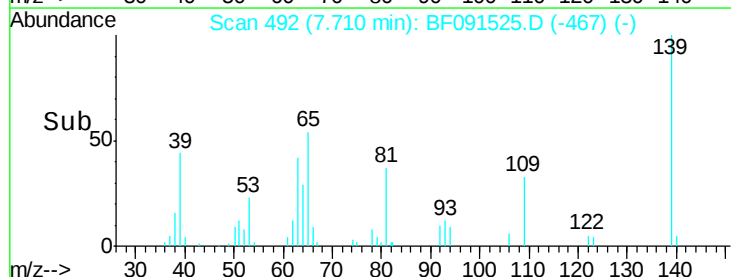
65 53.6 55.4 83.2#

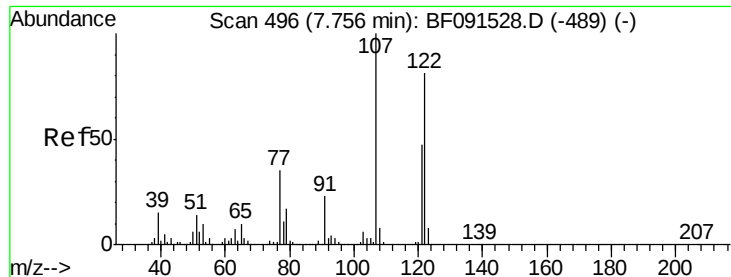


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.35 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

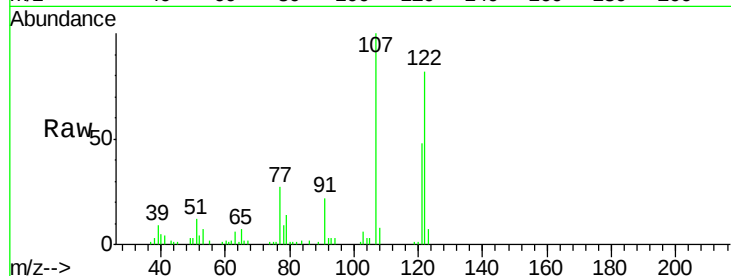
Tot Ion:122 Resp: 35922

Ion Ratio Lower Upper

122 100

107 122.4 96.8 145.2

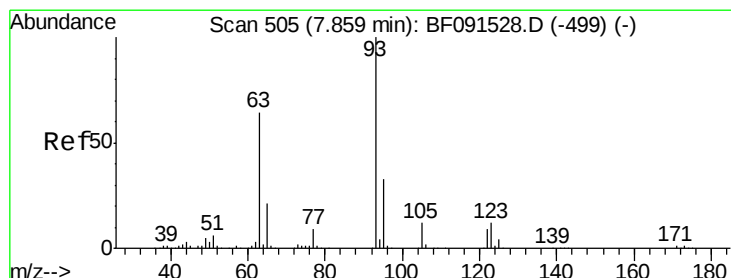
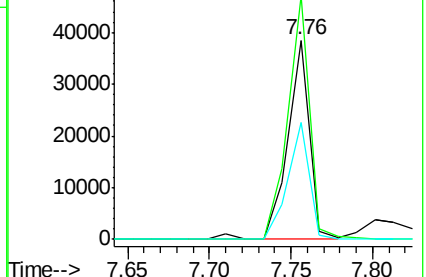
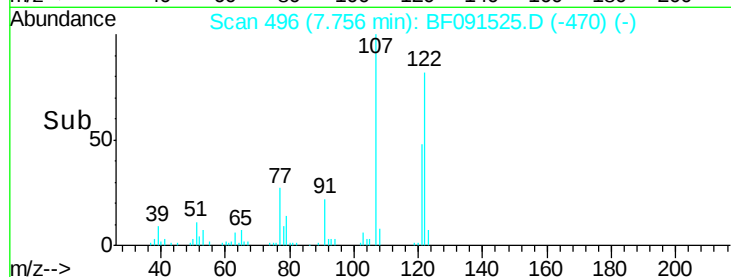
121 58.6 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.71 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

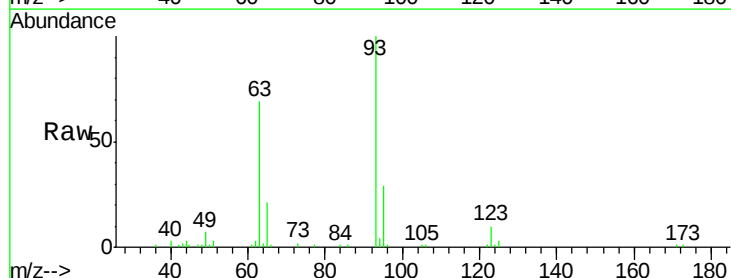
Tgt Ion: 93 Resp: 50610

Ion Ratio Lower Upper

93 100

95 29.2 26.0 39.0

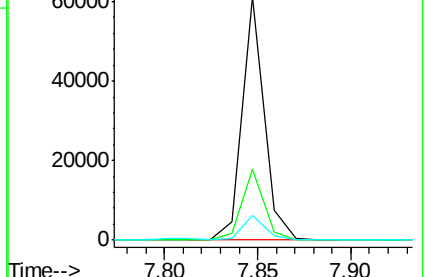
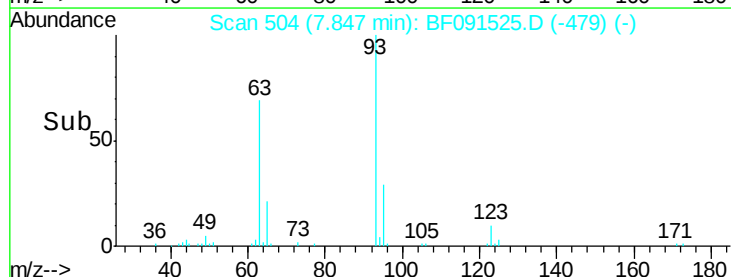
123 9.9 8.6 12.8

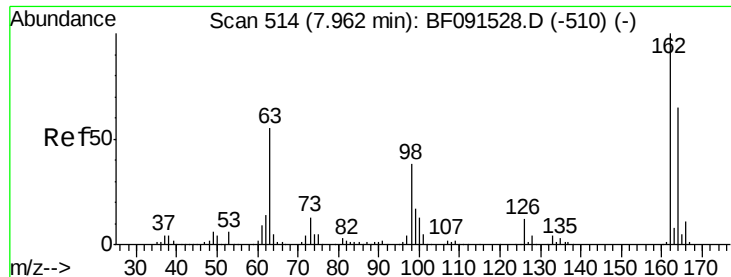


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

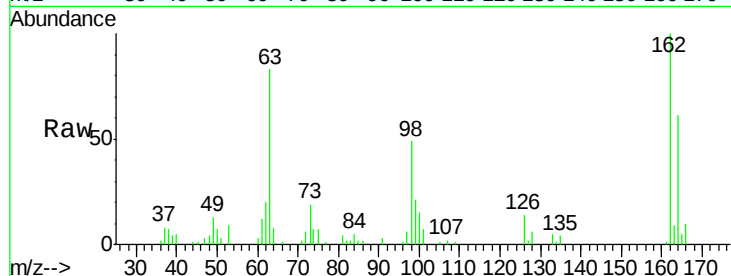




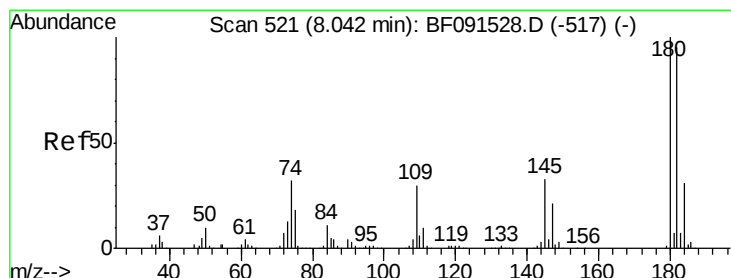
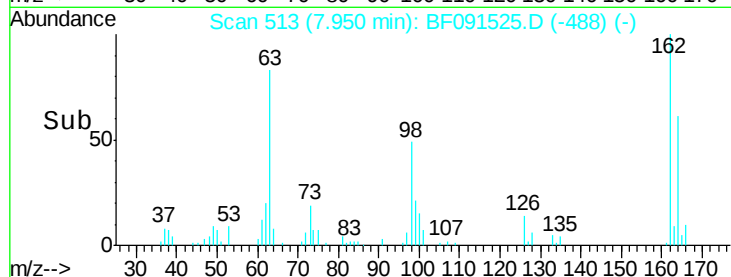
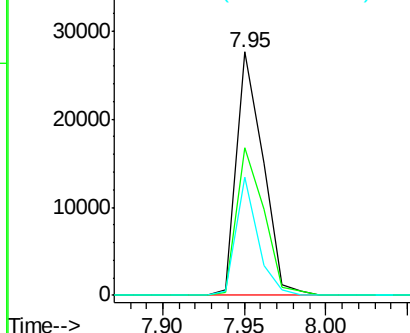
#29
 2,4-Dichlorophenol
 Concen: 2.30 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 30868
 Ion Ratio Lower Upper
 162 100
 164 60.8 45.0 85.0
 98 48.7 21.3 61.3

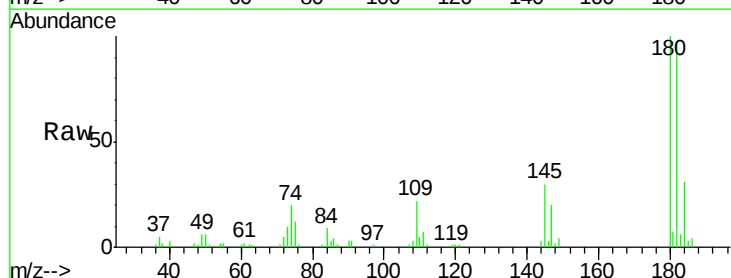


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

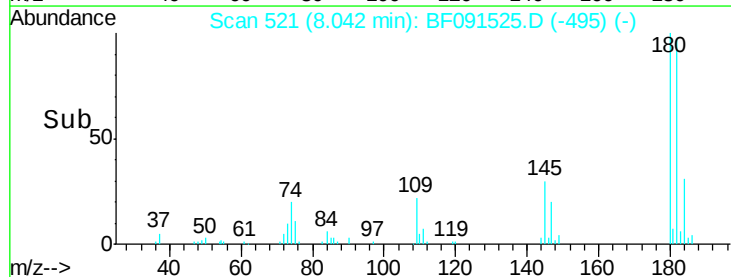
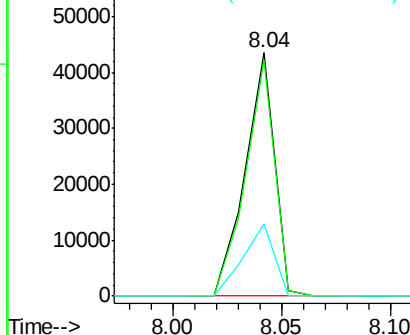


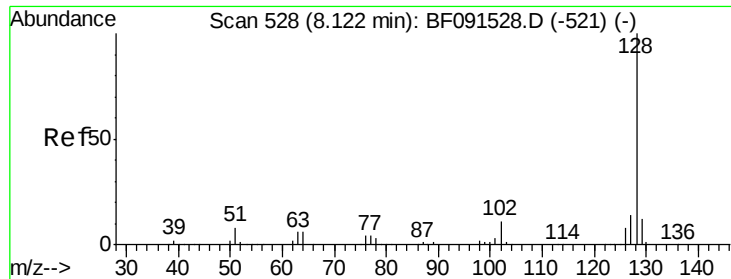
#30
 1,2,4-Trichlorobenzene
 Concen: 2.70 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:180 Resp: 40692
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.8 113.8
 145 29.7 27.0 40.4



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

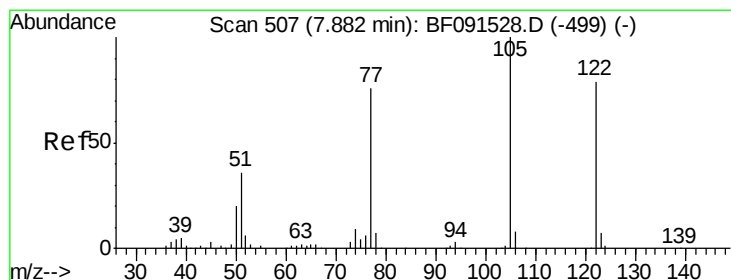
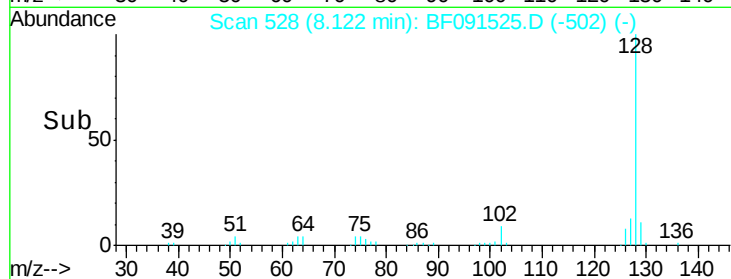
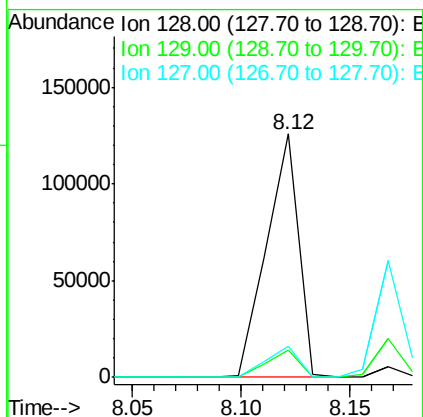
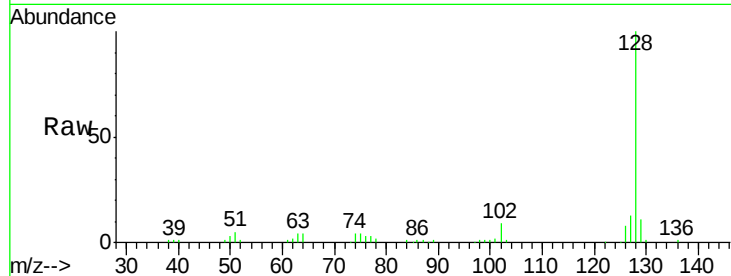




#31
Naphthalene
Concen: 2.81 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

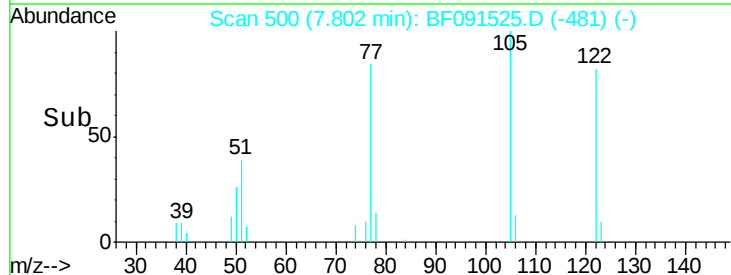
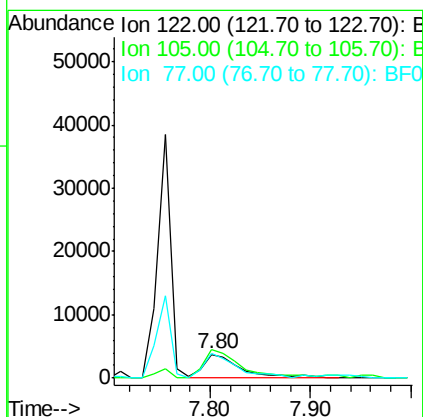
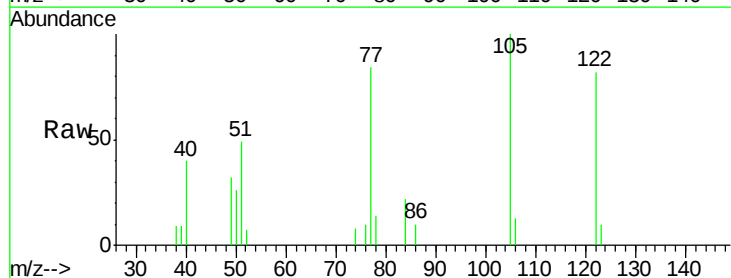
Instrument :
BNA_F
ClientSampleId :

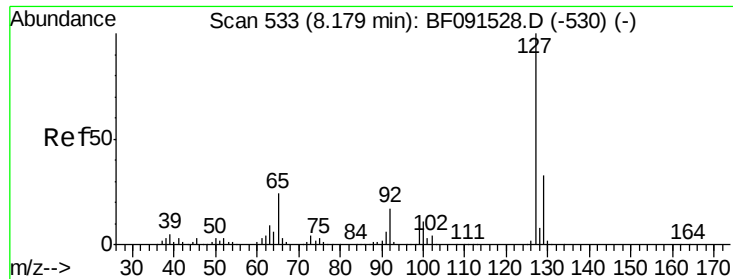
Tot Ion:128 Resp: 130878
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.6 11.0 16.4



#32
Benzoic acid
Concen: 0.86 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.08 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:122 Resp: 9681
Ion Ratio Lower Upper
122 100
105 122.0 113.0 153.0
77 102.6 82.0 122.0

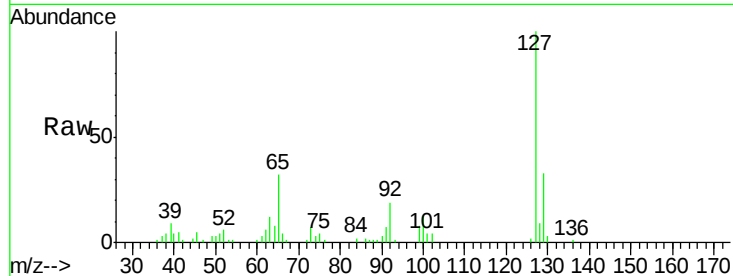




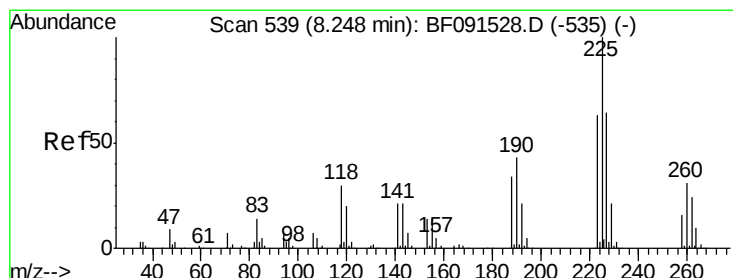
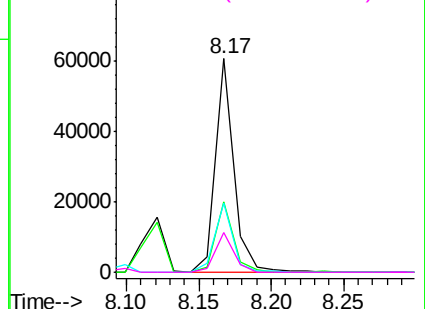
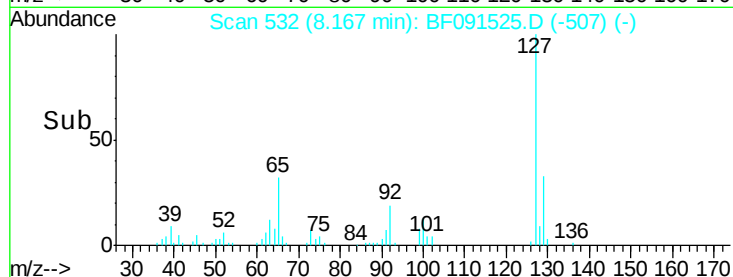
#33
4-Chloroaniline
Concen: 2.70 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	53780
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	32.2	26.6	39.8
92	18.8	15.4	23.0

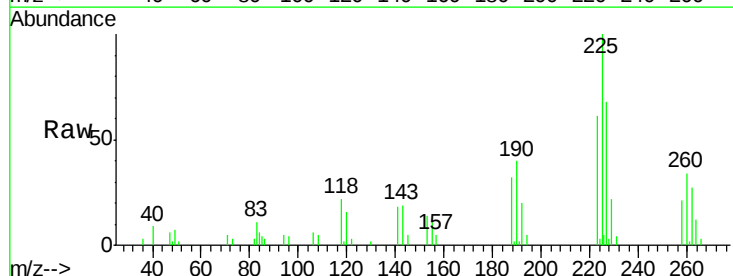


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

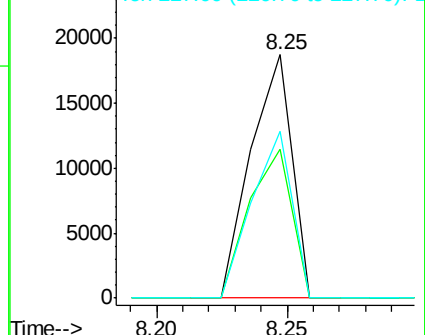
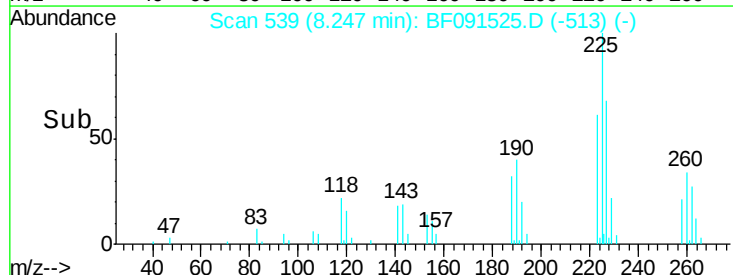


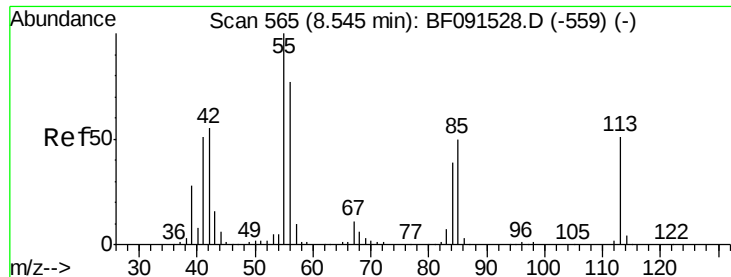
#34
Hexachlorobutadiene
Concen: 2.23 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:	225	Resp:	20684
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.6
227	68.4	52.6	79.0



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

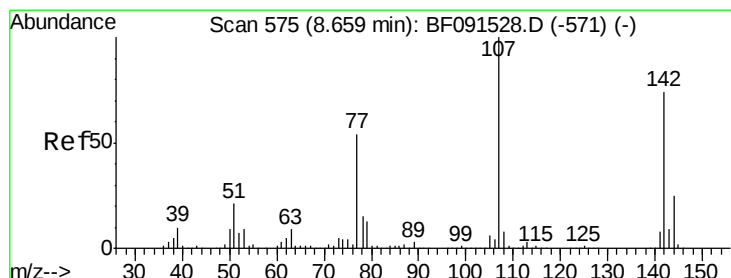
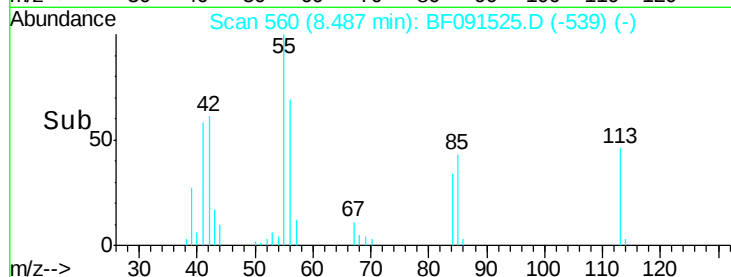
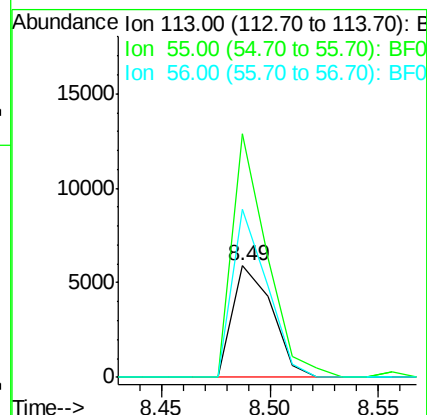
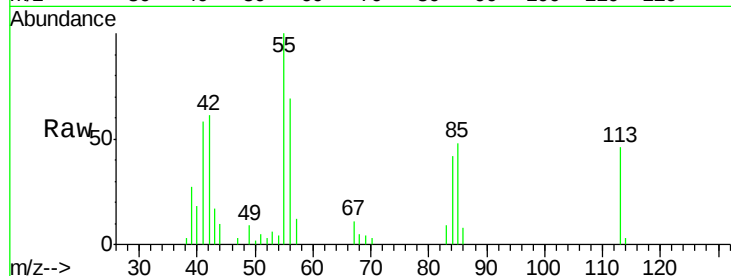




#35
Caprolactam
Concen: 1.93 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

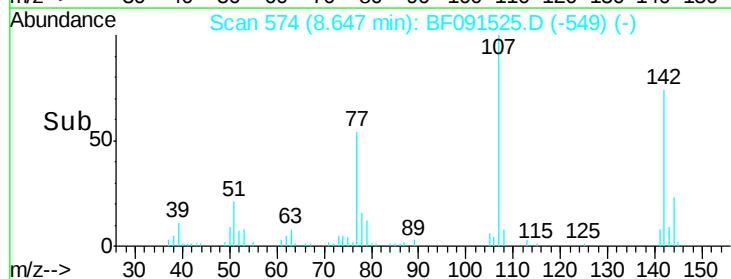
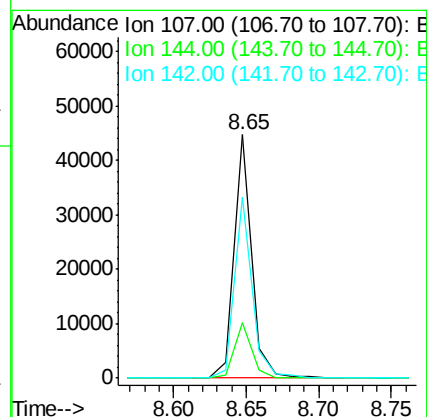
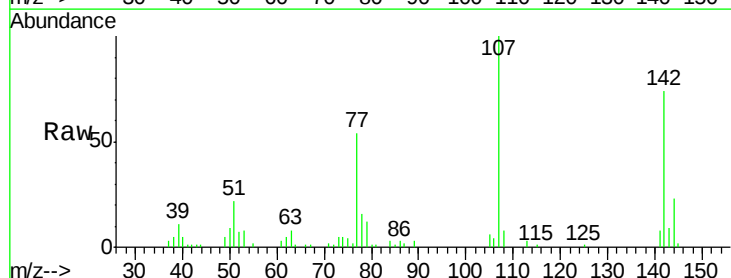
Instrument :
BNA_F
ClientSampled :

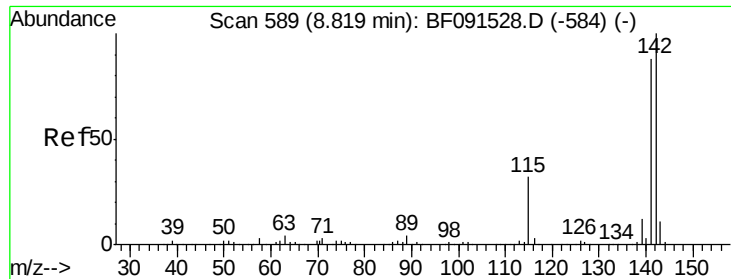
Tot Ion:113 Resp: 7444
Ion Ratio Lower Upper
113 100
55 218.3 239.8 279.8#
56 150.9 165.6 205.6#



#36
4-Chloro-3-methylphenol
Concen: 2.59 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:107 Resp: 37641
Ion Ratio Lower Upper
107 100
144 22.8 18.9 28.3
142 74.4 58.5 87.7

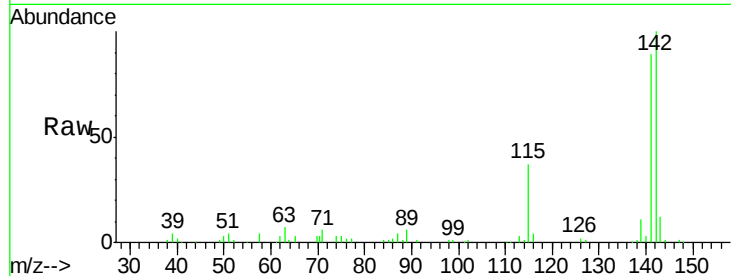




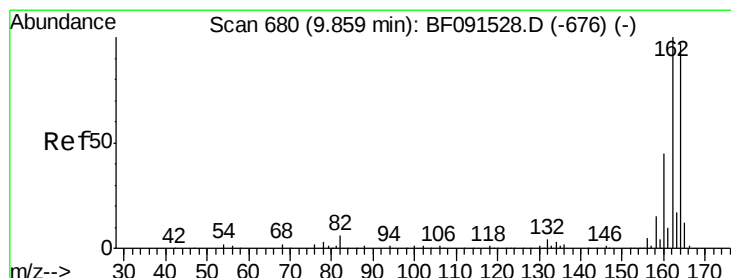
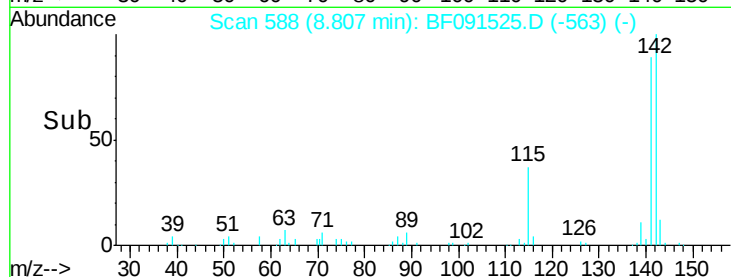
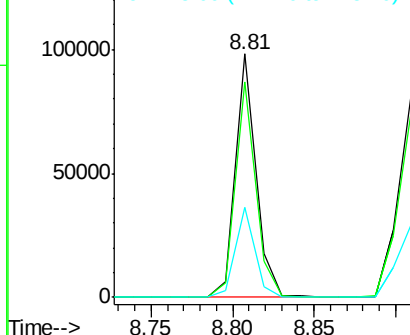
#37
2-Methylnaphthalene
Concen: 2.67 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 84422
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 37.0 25.0 37.6

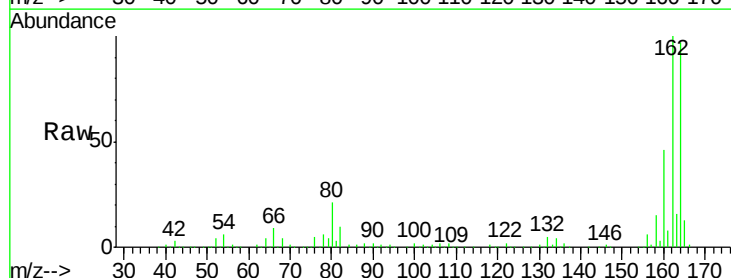


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

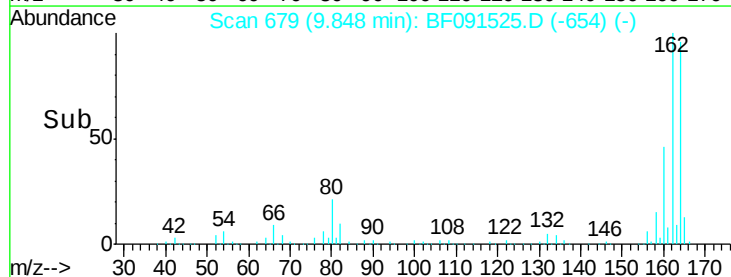
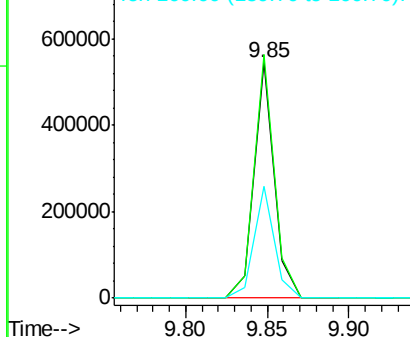


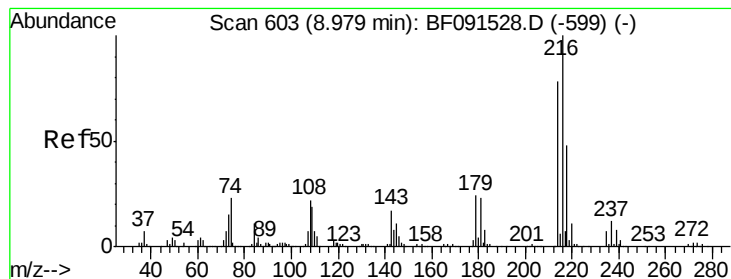
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:164 Resp: 470878
Ion Ratio Lower Upper
164 100
162 103.4 82.6 124.0
160 47.4 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.69 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 35681

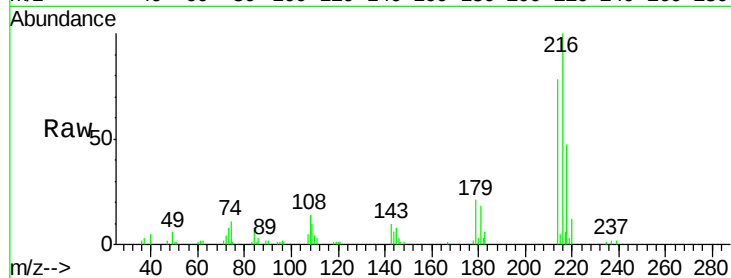
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 23.1 18.2 27.2

108 20.9 17.2 25.8

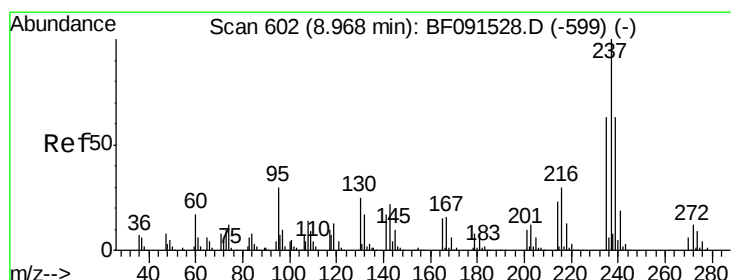
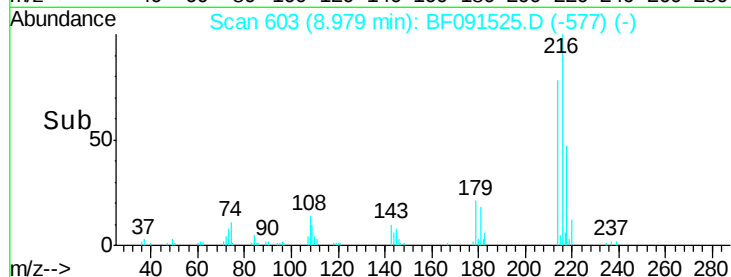
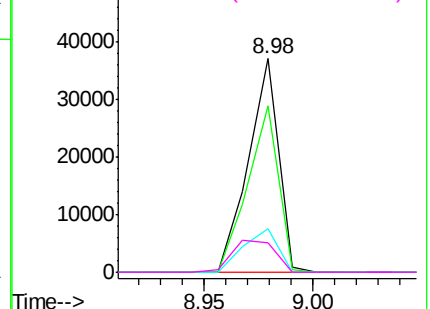


Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.92 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

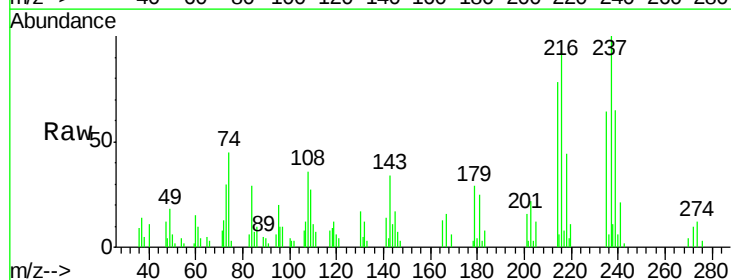
Tgt Ion:237 Resp: 11835

Ion Ratio Lower Upper

237 100

235 63.5 43.9 83.9

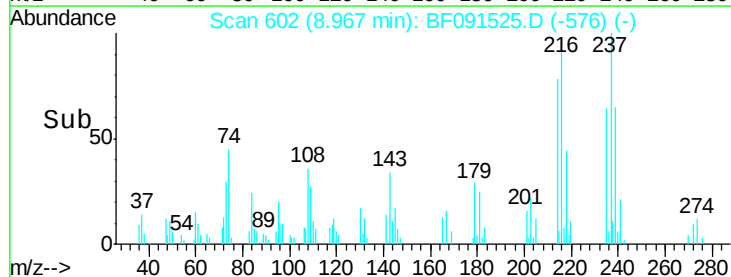
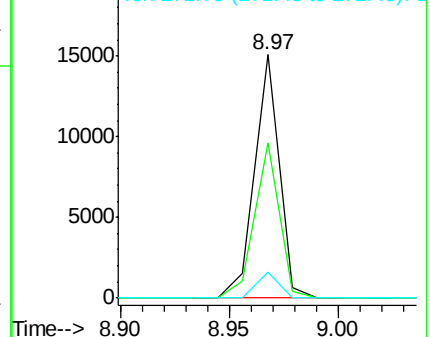
272 10.5 0.0 33.1

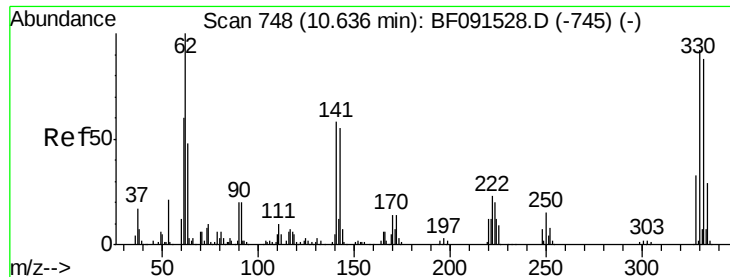


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

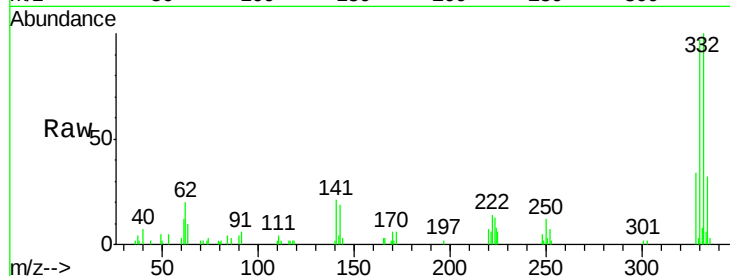




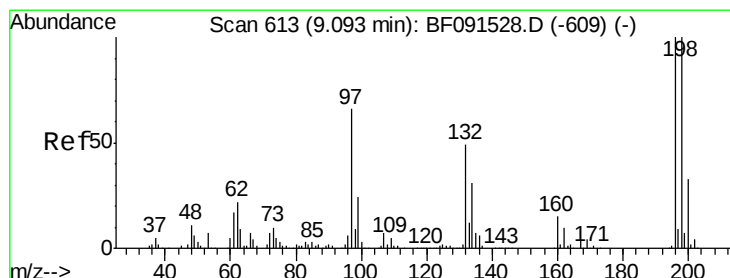
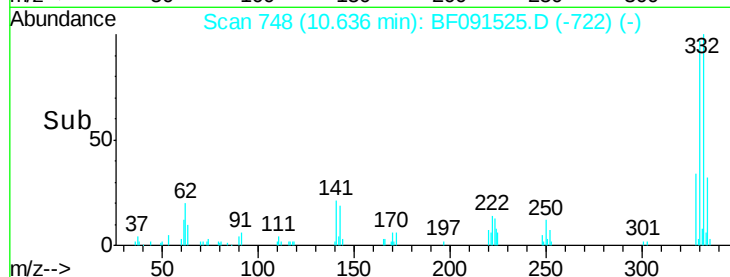
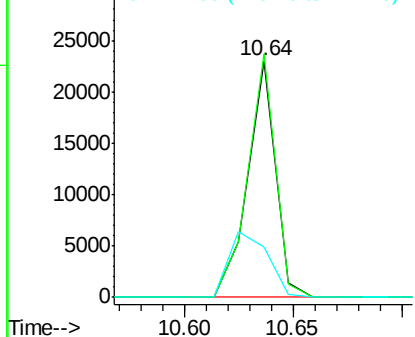
#41
 2,4,6-Tribromophenol
 Concen: 4.58 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	76.2	114.4
141	39.2	33.6	50.4

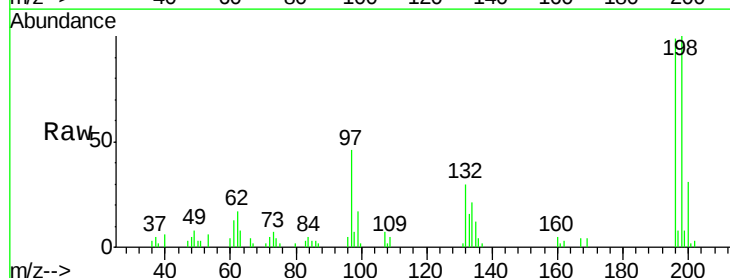


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

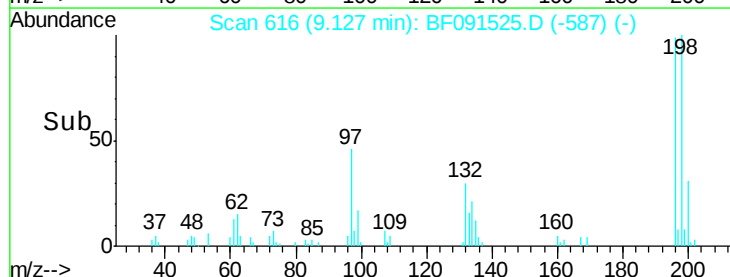
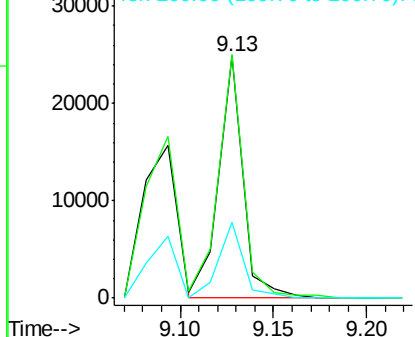


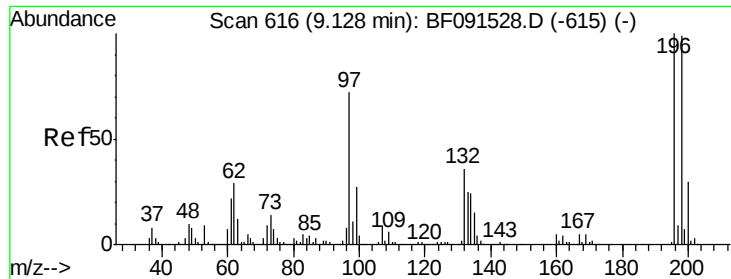
#42
 2,4,6-Trichlorophenol
 Concen: 2.64 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.03 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	77.4	116.0
200	31.5	25.2	37.8



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

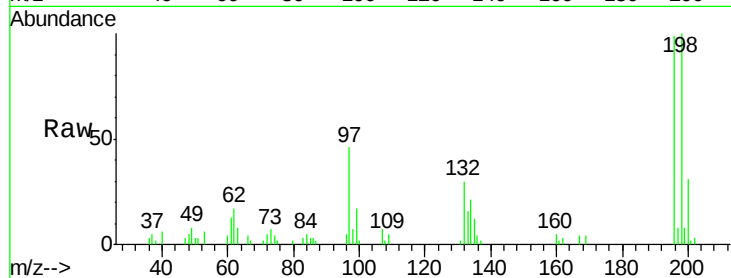




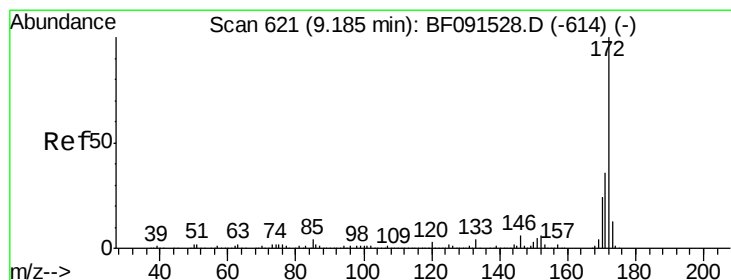
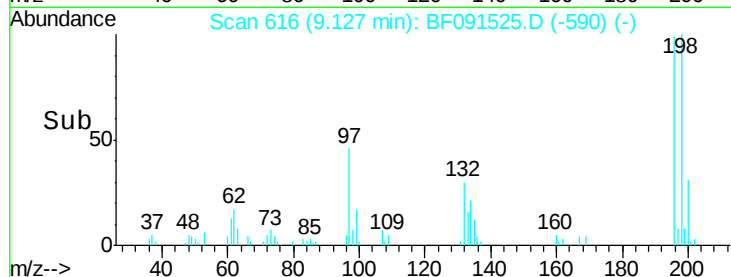
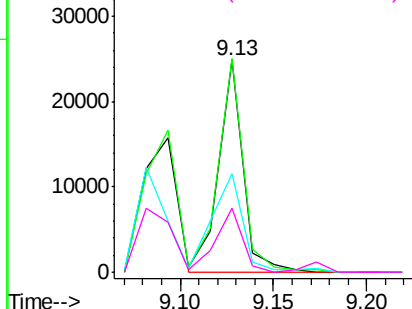
#43
2,4,5-Trichlorophenol
Concen: 2.63 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 22733
Ion Ratio Lower Upper
196 100
198 100.6 77.0 115.6
97 46.7 33.5 50.3
132 30.3 20.5 30.7

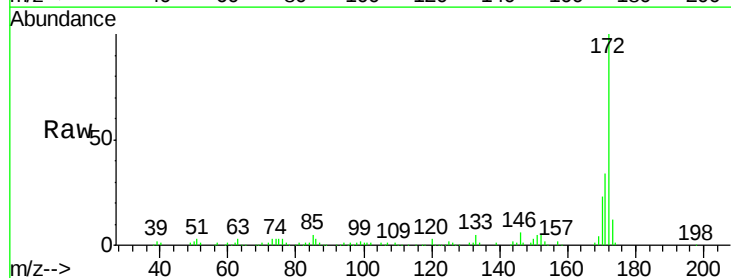


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

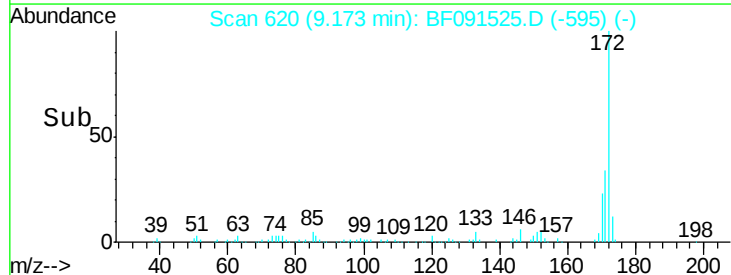
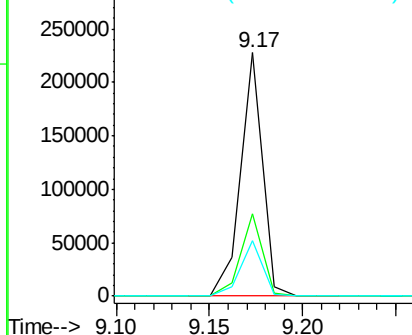


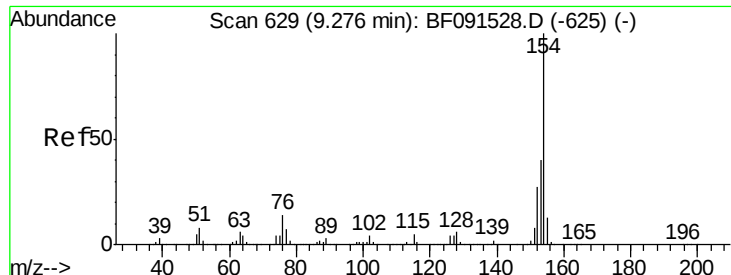
#44
2-Fluorobiphenyl
Concen: 7.24 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:172 Resp: 188170
Ion Ratio Lower Upper
172 100
171 34.1 29.4 44.0
170 23.0 19.7 29.5



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: 3.11 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

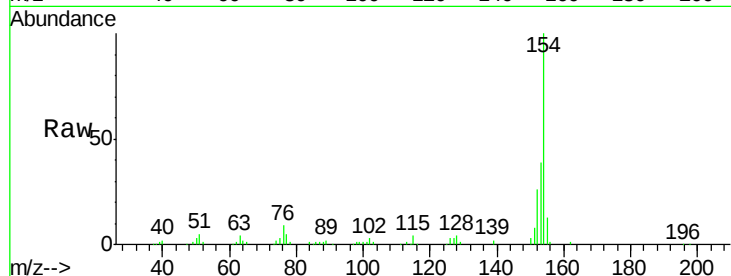
Tot Ion:154 Resp: 105441

Ion Ratio Lower Upper

154 100

153 39.5 20.6 60.6

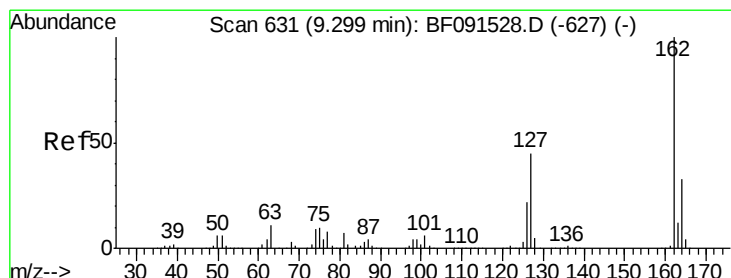
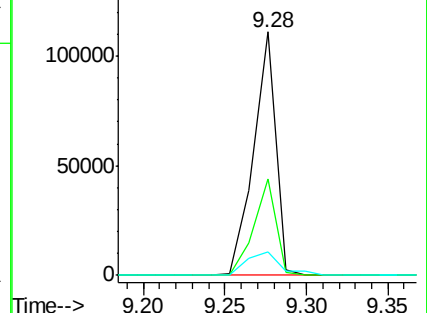
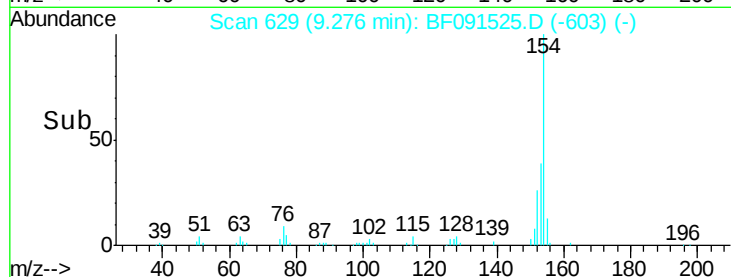
76 9.4 0.0 36.6



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: 3.01 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

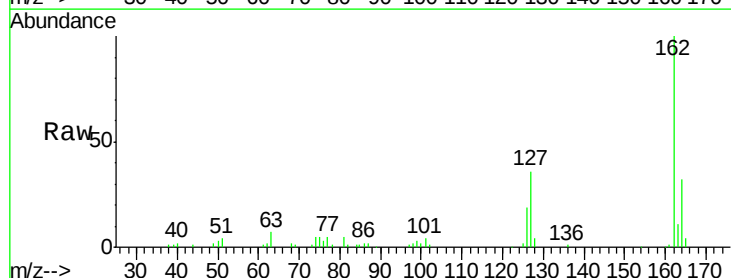
Tgt Ion:162 Resp: 75797

Ion Ratio Lower Upper

162 100

127 35.7 34.3 51.5

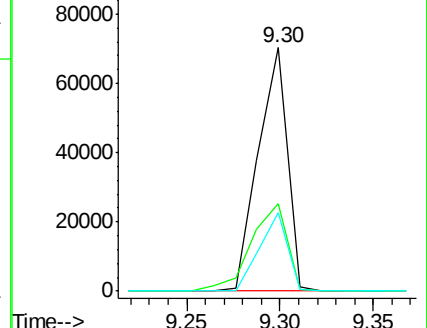
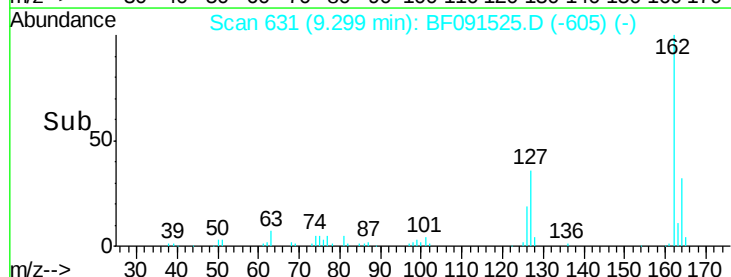
164 32.1 26.6 40.0

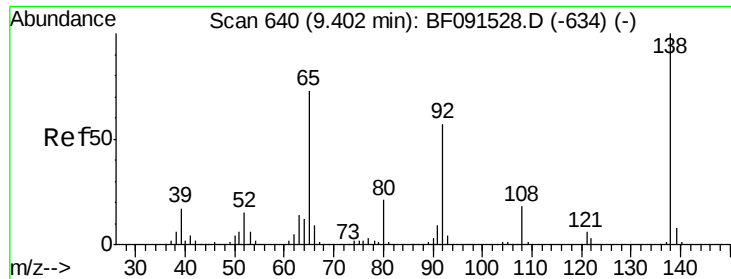


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

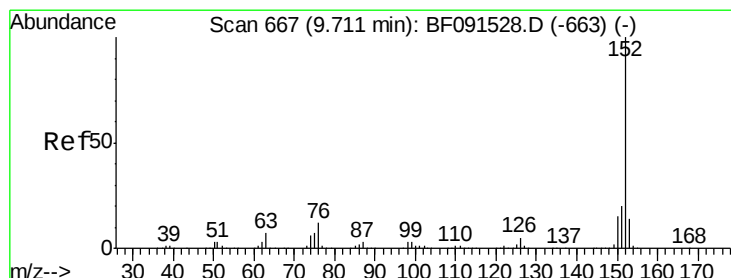
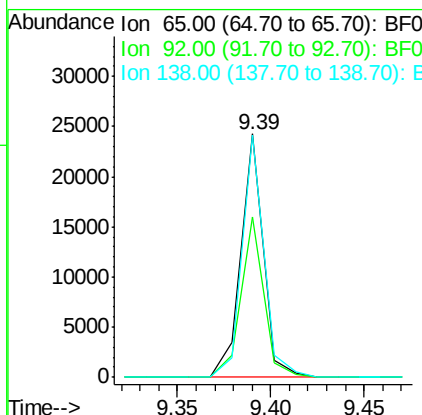
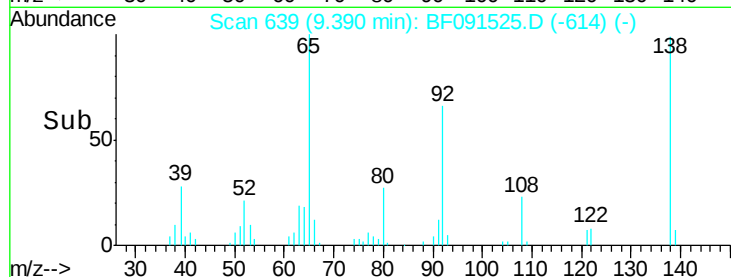
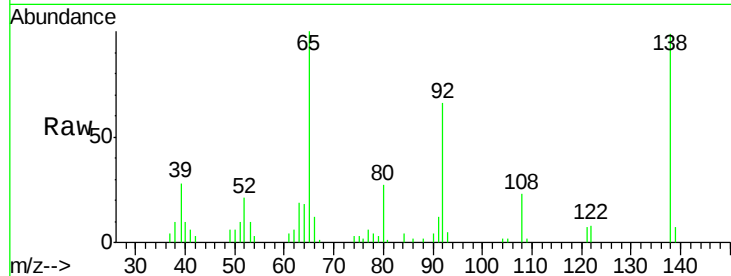




#47
 2-Nitroaniline
 Concen: 2.26 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

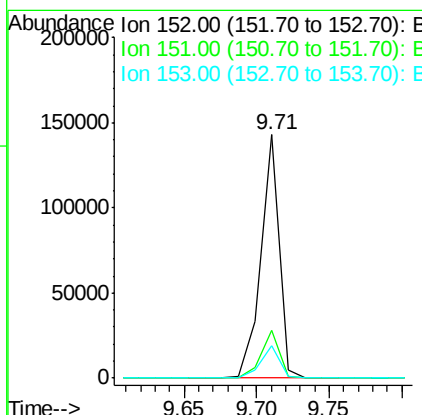
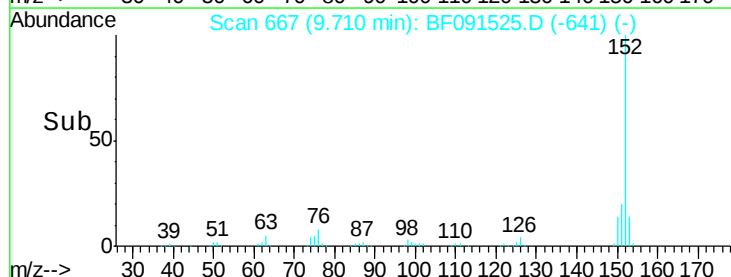
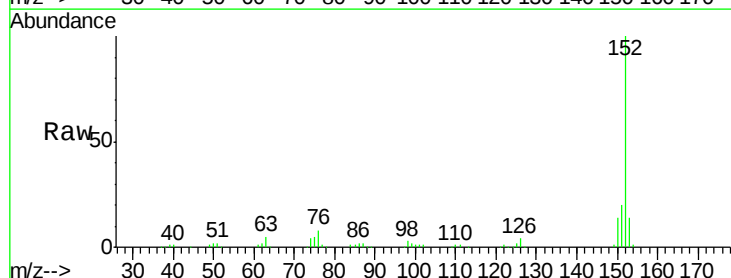
Instrument :
 BNA_F
 ClientSampleId :

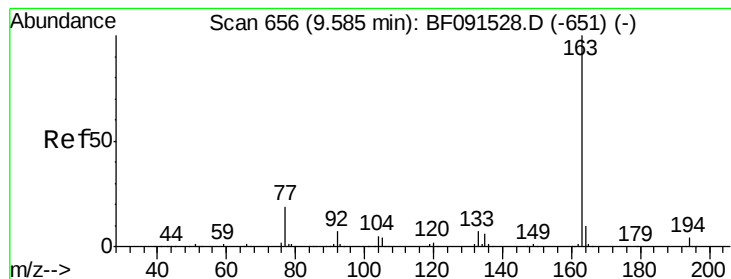
Tot Ion: 65 Resp: 20509
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.6 80.4
 138 99.4 91.0 136.6



#48
 Acenaphthylene
 Concen: 3.16 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion: 152 Resp: 125361
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.6 24.8
 153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 2.90 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

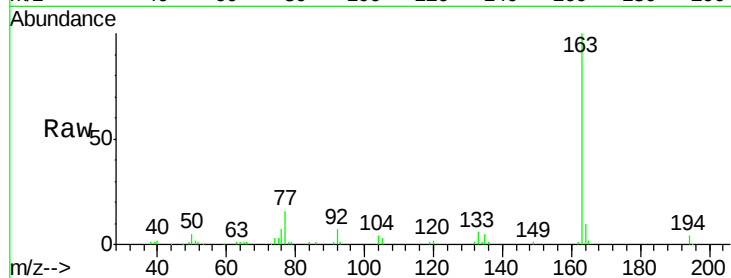
Tot Ion:163 Resp: 82564

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

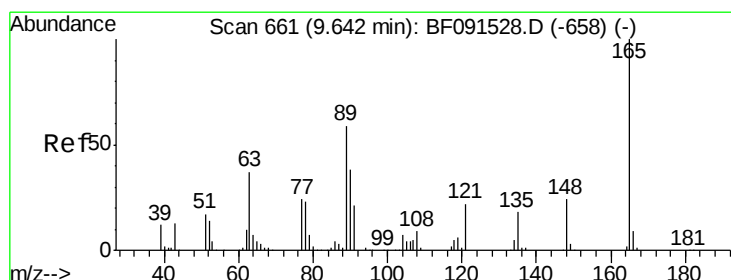
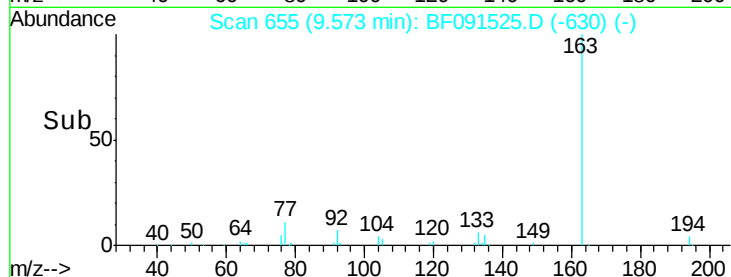
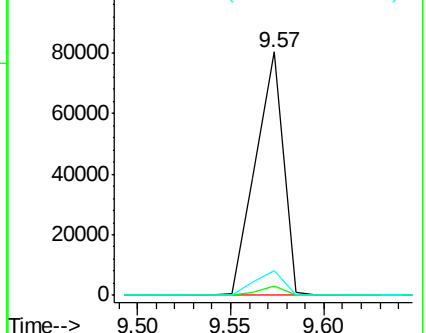
164 9.9 7.8 11.8



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: 2.74 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

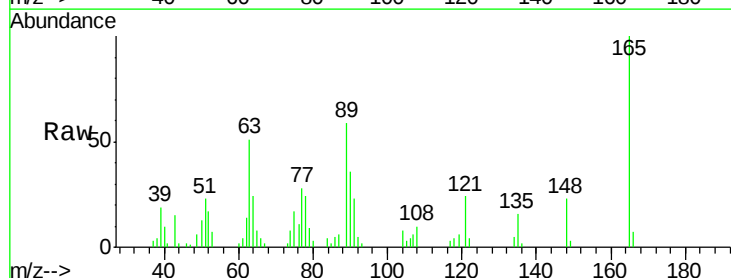
Tgt Ion:165 Resp: 17453

Ion Ratio Lower Upper

165 100

63 51.2 59.4 89.0#

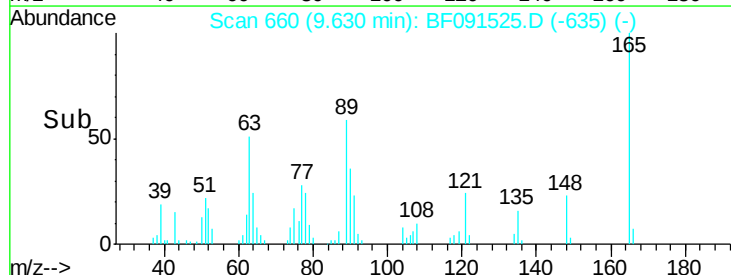
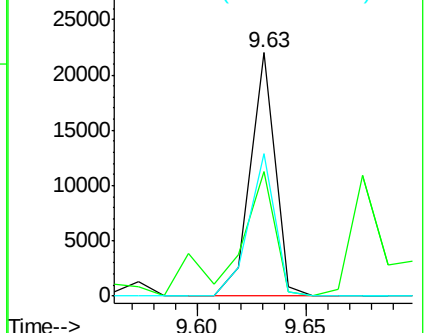
89 58.6 50.8 76.2

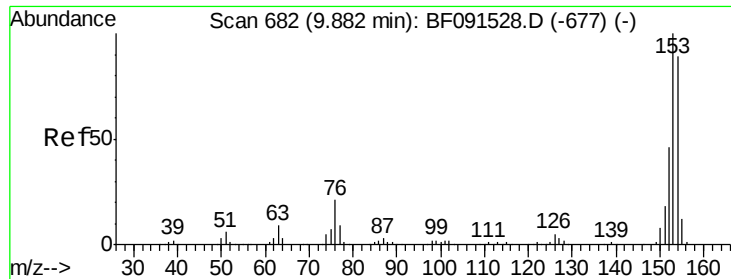


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.09 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

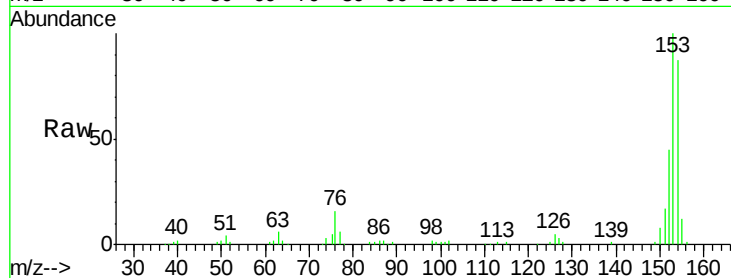
Tot Ion:154 Resp: 82853

Ion Ratio Lower Upper

154 100

153 114.9 91.0 136.6

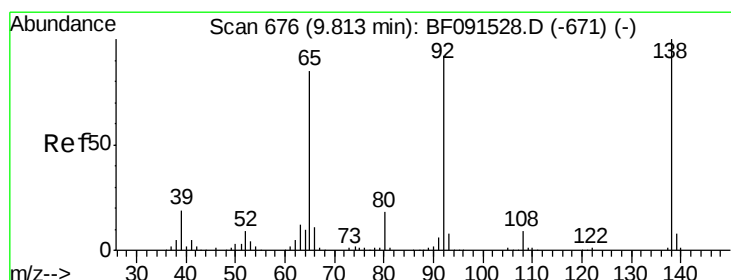
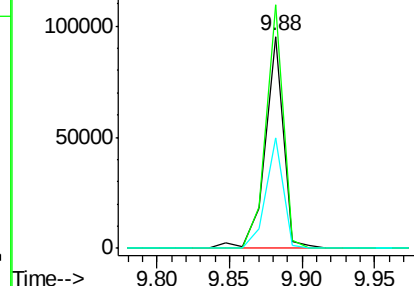
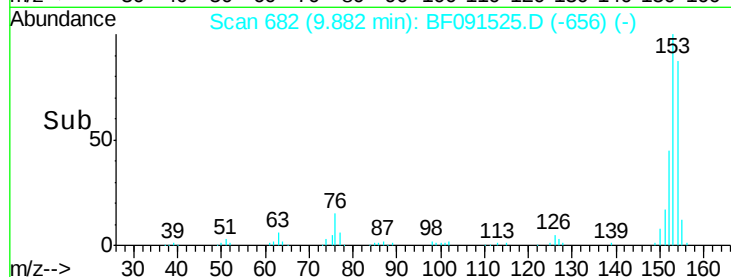
152 51.9 44.2 66.2



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: 2.50 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

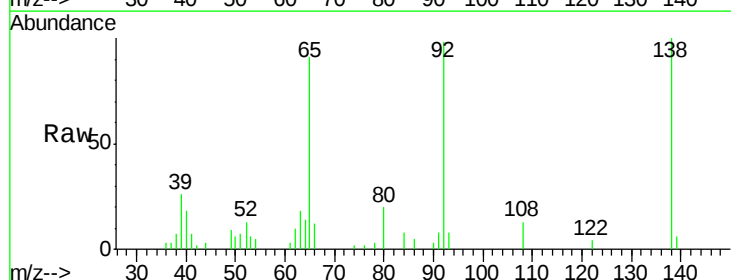
Tgt Ion:138 Resp: 18406

Ion Ratio Lower Upper

138 100

108 13.3 8.1 12.1#

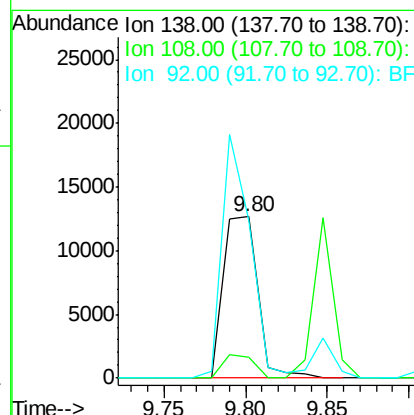
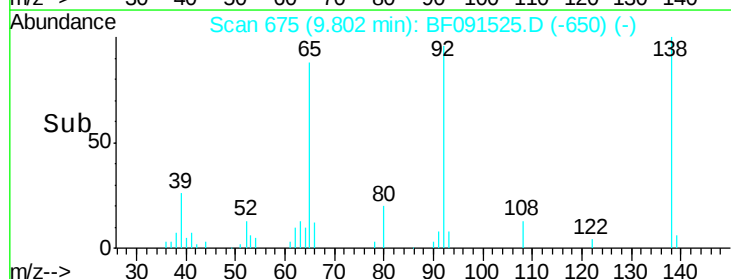
92 98.4 92.5 138.7

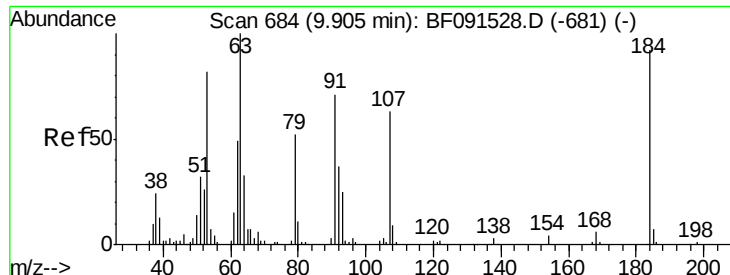


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

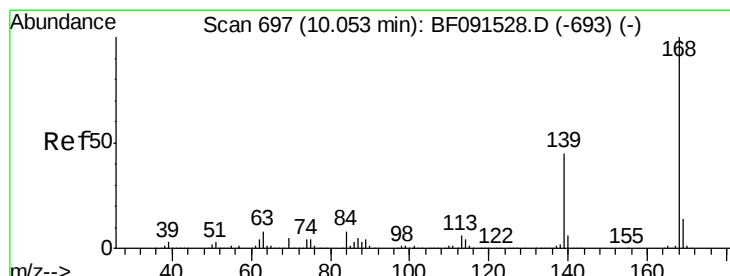
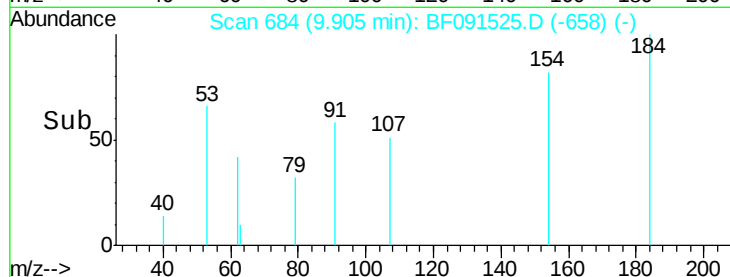
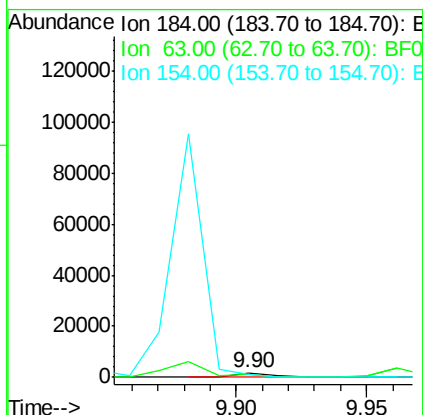
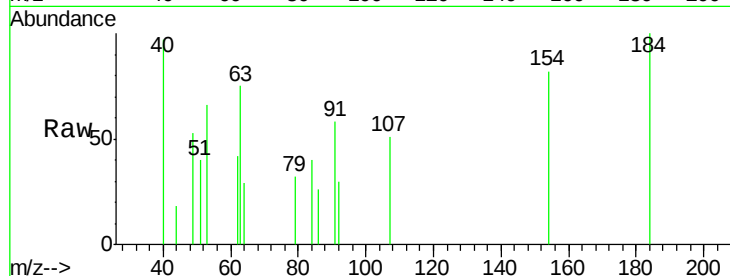




#53
 2,4-Dinitrophenol
 Concen: 0.52 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

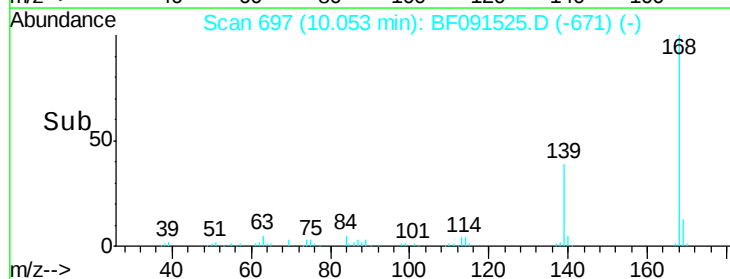
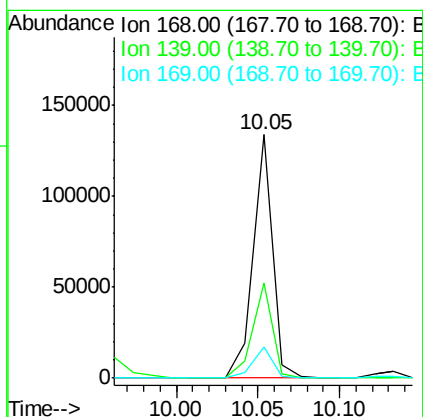
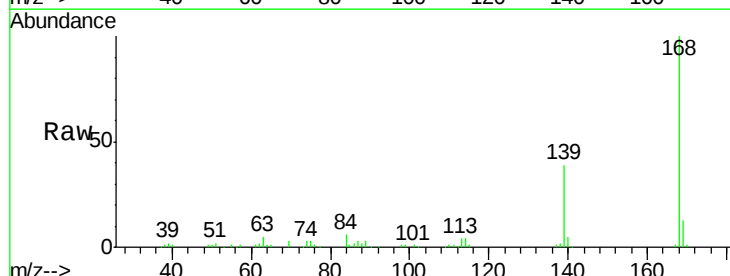
Instrument :
 BNA_F
 ClientSampled :

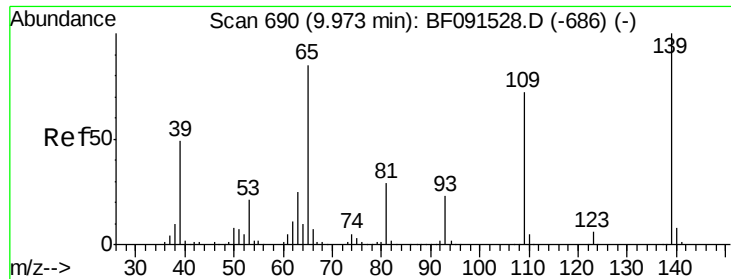
Tot Ion:184 Resp: 1448
 Ion Ratio Lower Upper
 184 100
 63 74.7 58.3 87.5
 154 82.2 48.6 73.0#



#54
 Dibenzofuran
 Concen: 3.11 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:168 Resp: 111345
 Ion Ratio Lower Upper
 168 100
 139 39.3 33.4 50.2
 169 12.9 11.1 16.7

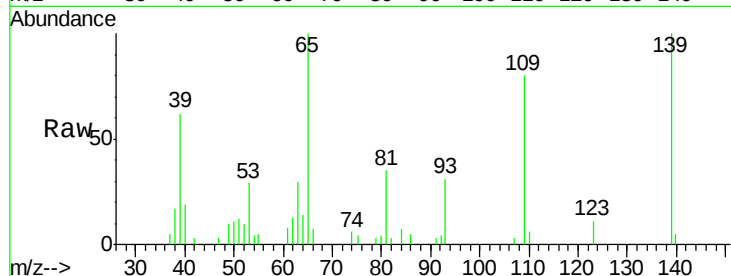




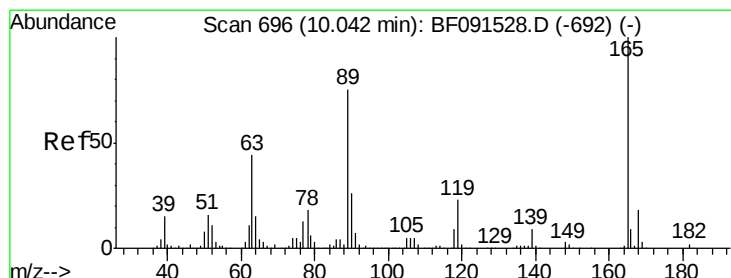
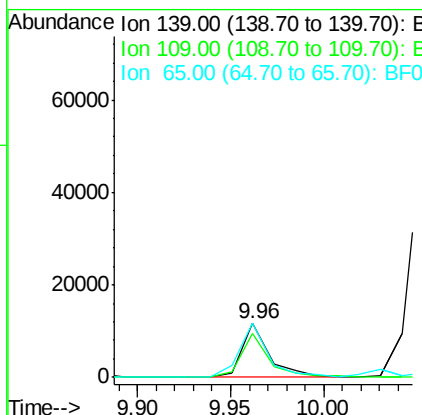
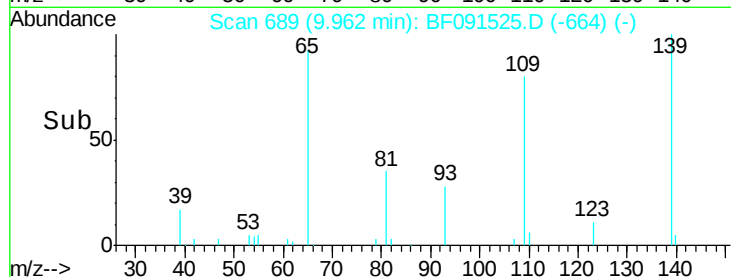
#55
4-Nitrophenol
Concen: 2.28 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 12148
Ion Ratio Lower Upper
139 100
109 80.4 54.9 94.9
65 99.8 102.2 142.2#

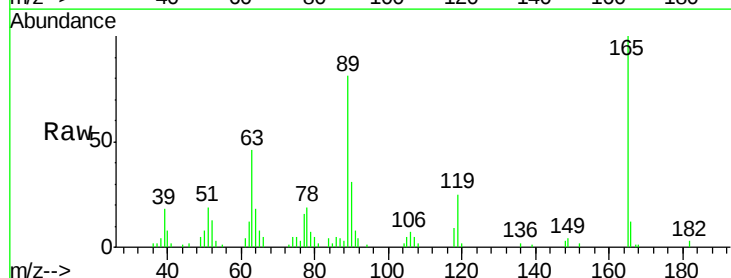


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

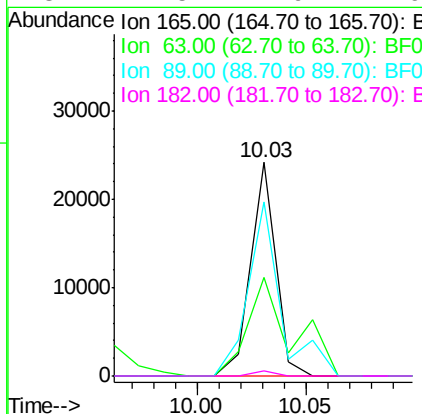
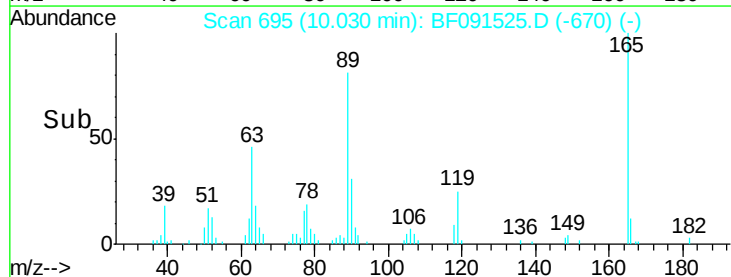


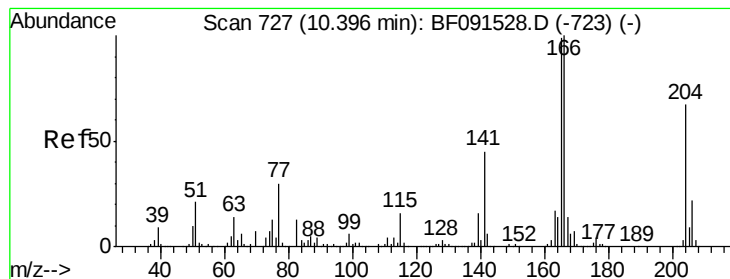
#56
2,4-Dinitrotoluene
Concen: 2.34 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:165 Resp: 19323
Ion Ratio Lower Upper
165 100
63 46.4 29.0 43.4#
89 81.5 43.1 64.7#
182 2.5 1.9 2.9



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: 3.12 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

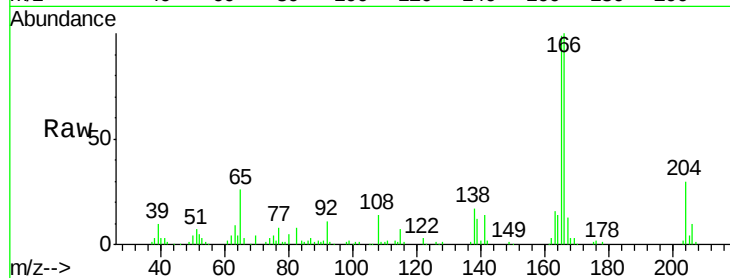
Tot Ion:166 Resp: 85886

Ion Ratio Lower Upper

166 100

165 98.7 80.0 120.0

167 12.8 10.8 16.2

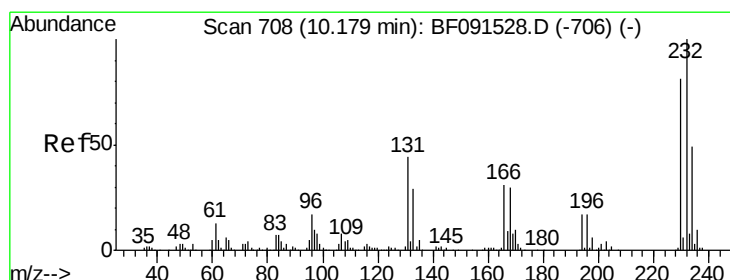
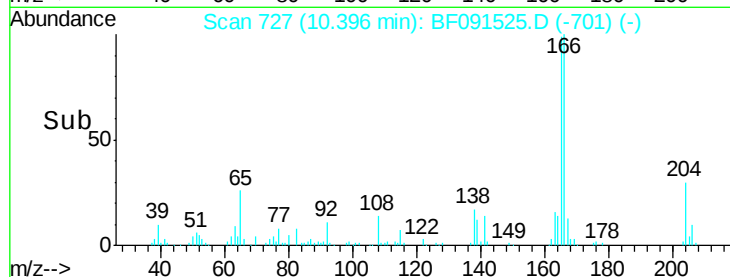
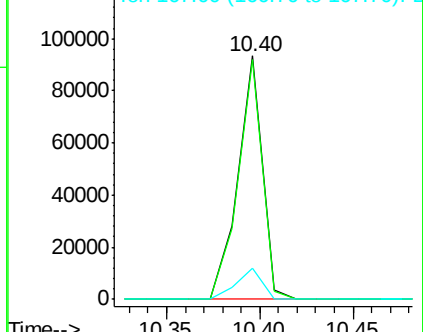


Abundance

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: 2.32 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Tgt Ion:232 Resp: 17096

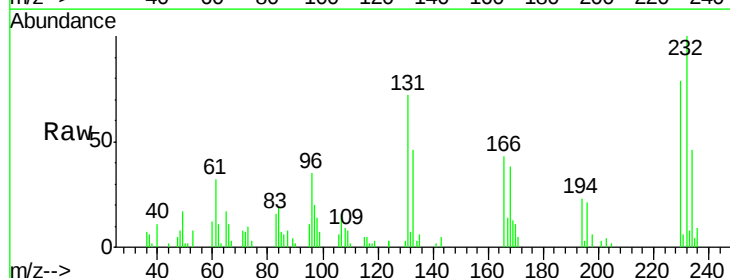
Ion Ratio Lower Upper

232 100

131 52.9 38.4 57.6

130 1.9 1.8 2.8

166 34.5 23.9 35.9



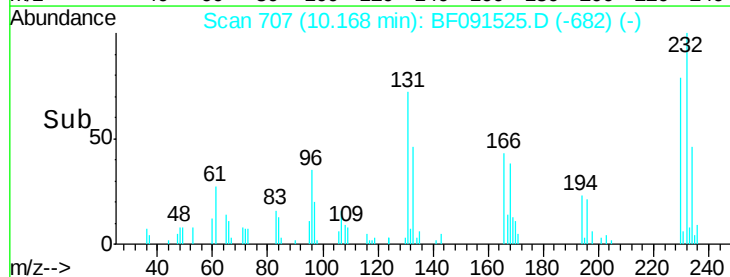
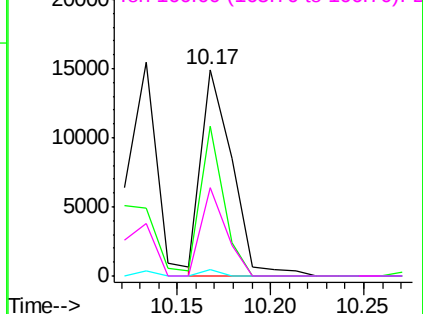
Abundance

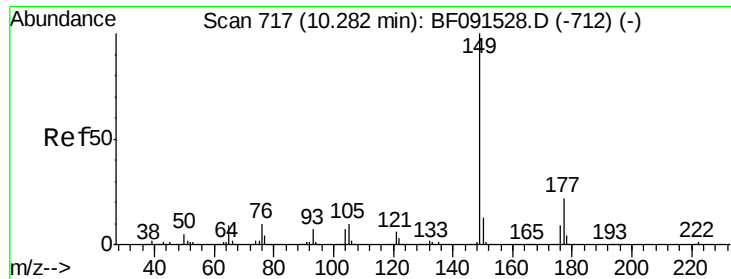
Ion 232.00 (231.70 to 232.70): E

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

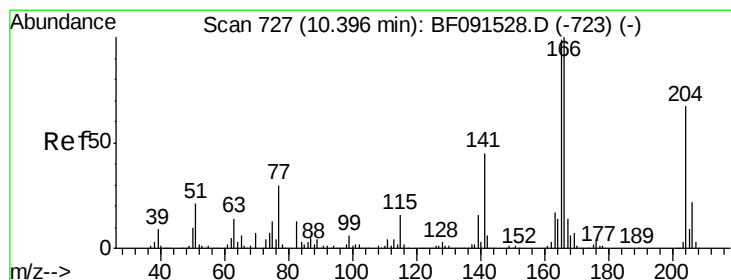
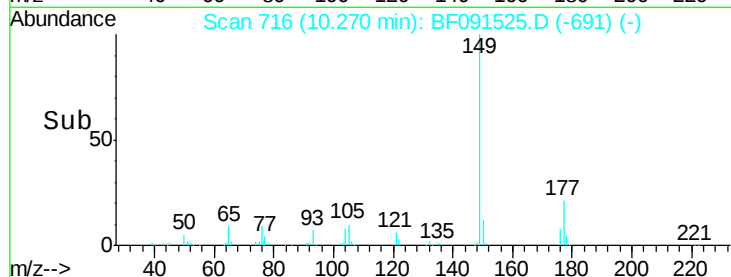
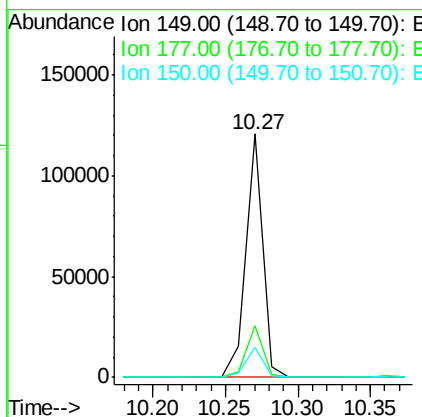
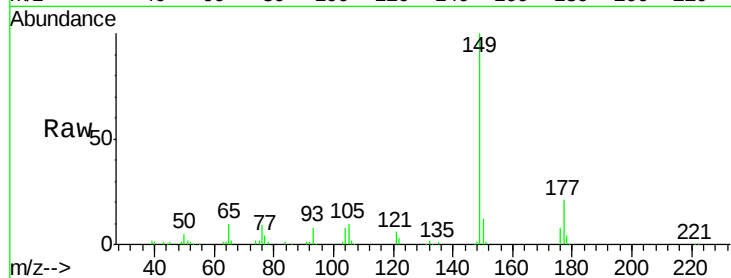




#59
Diethylphthalate
Concen: 3.49 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

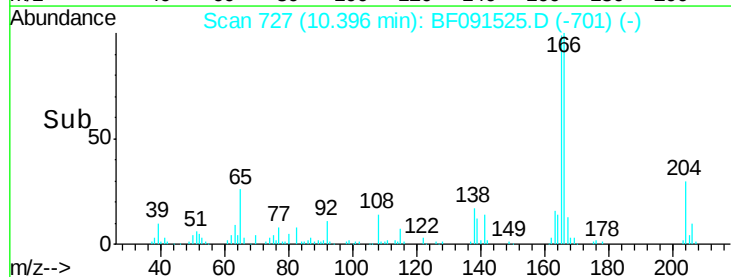
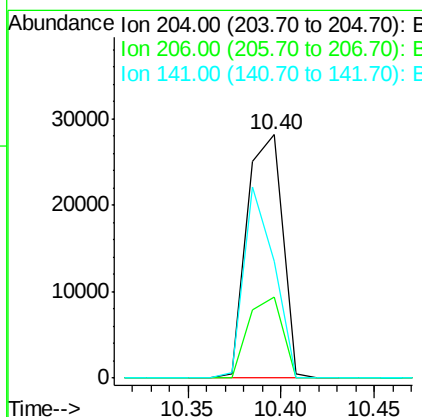
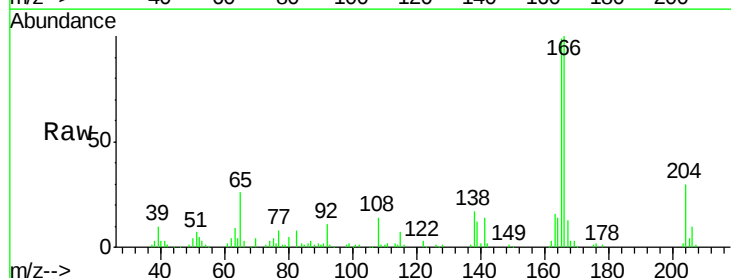
Instrument :
BNA_F
ClientSampleId :

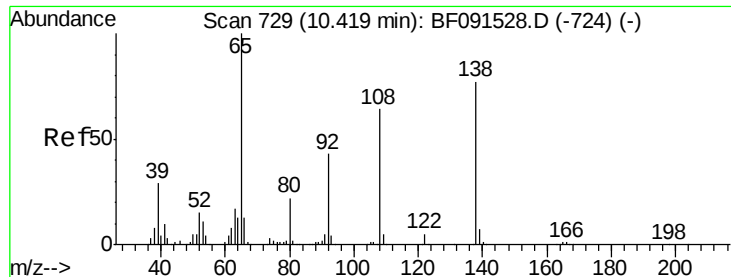
Tot Ion:149 Resp: 98190
Ion Ratio Lower Upper
149 100
177 21.0 15.7 23.5
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 2.69 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:204 Resp: 37130
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 47.9 40.6 61.0

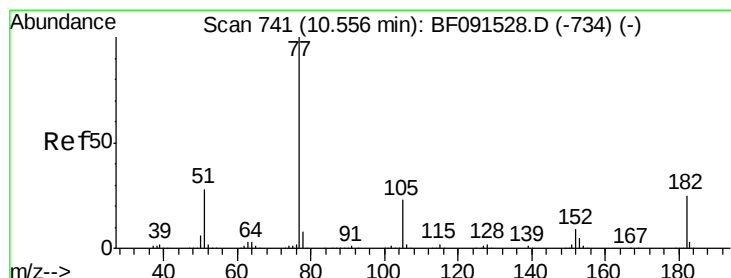
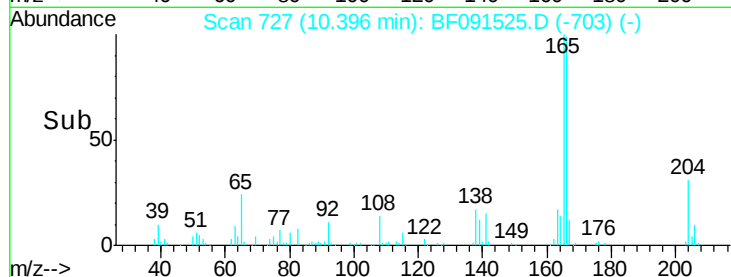
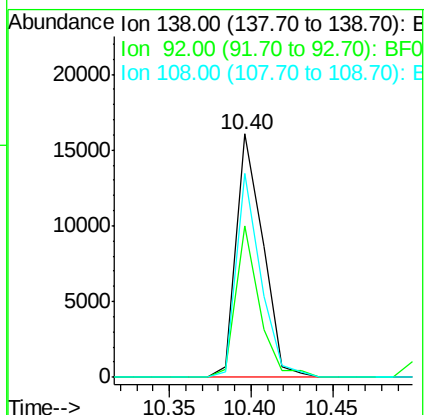
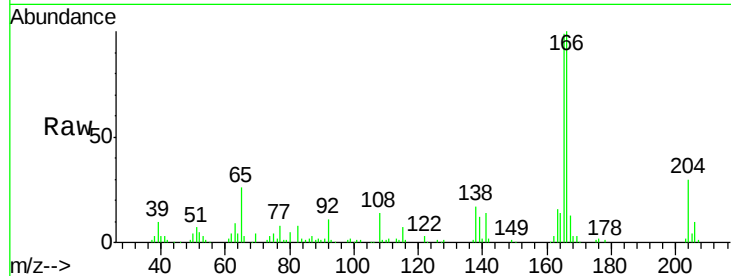




#61
4-Nitroaniline
Concen: 2.62 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

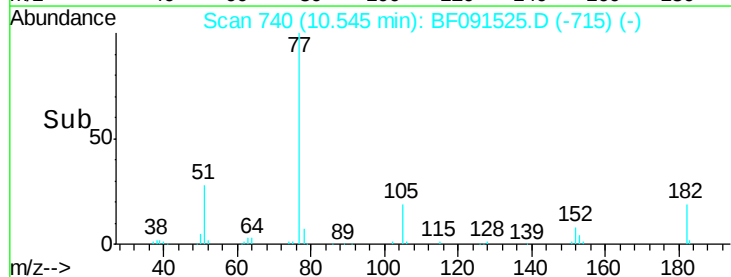
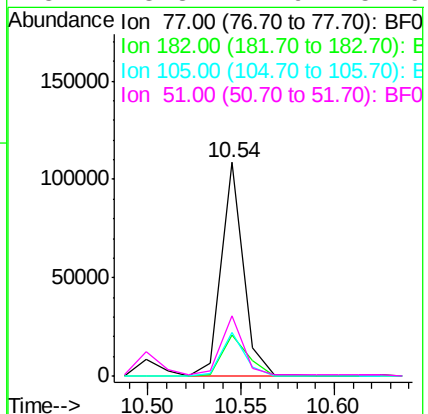
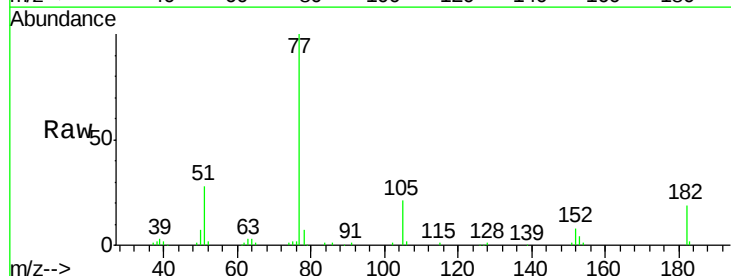
Instrument :
BNA_F
ClientSampleId :

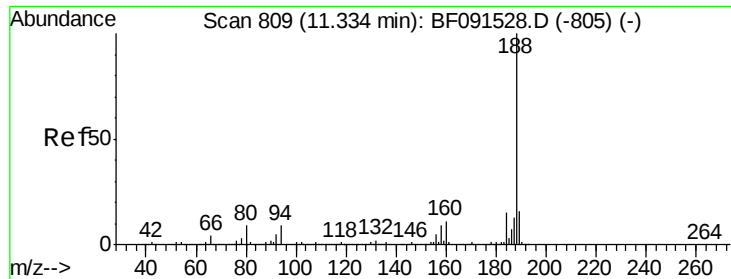
Tot Ion:138 Resp: 18149
Ion Ratio Lower Upper
138 100
92 62.1 26.9 66.9
108 83.6 49.1 89.1



#62
Azobenzene
Concen: 3.12 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion: 77 Resp: 89545
Ion Ratio Lower Upper
77 100
182 19.2 12.5 52.5
105 20.6 3.7 43.7
51 28.3 11.9 51.9

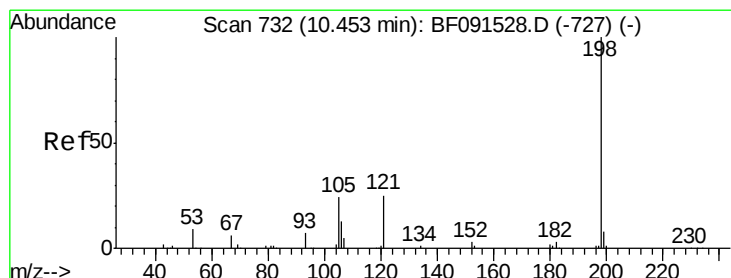
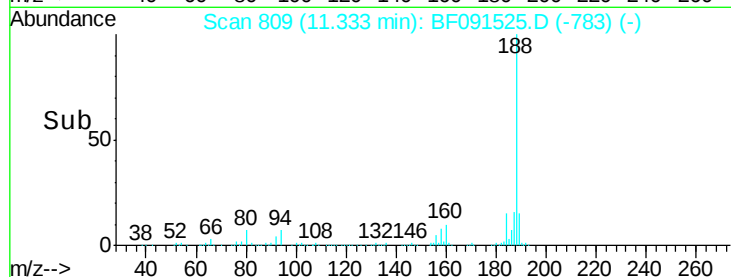
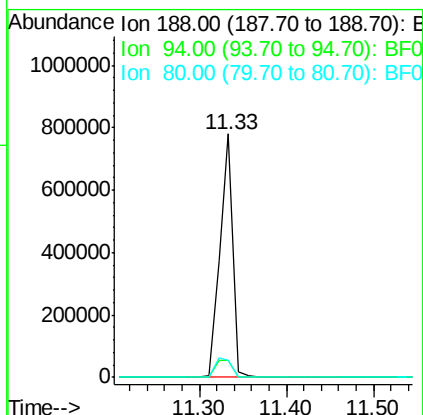
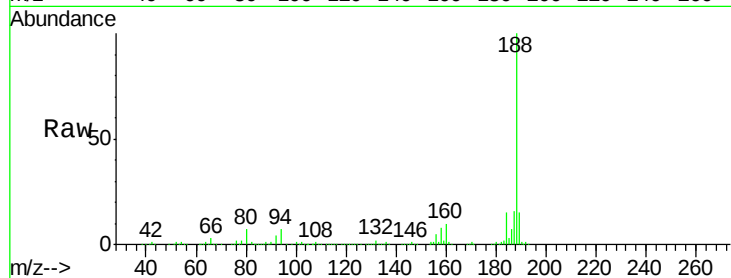




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

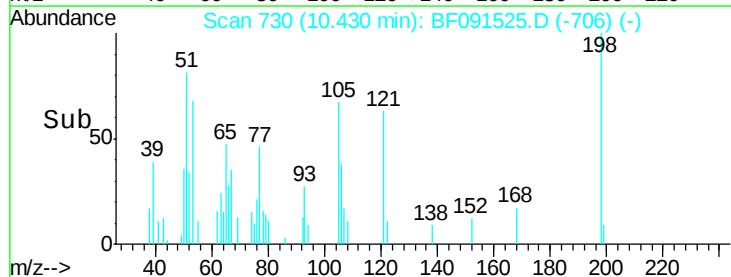
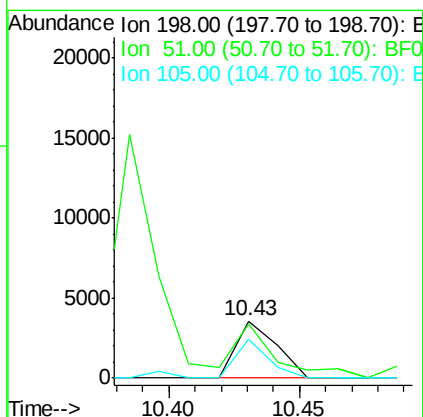
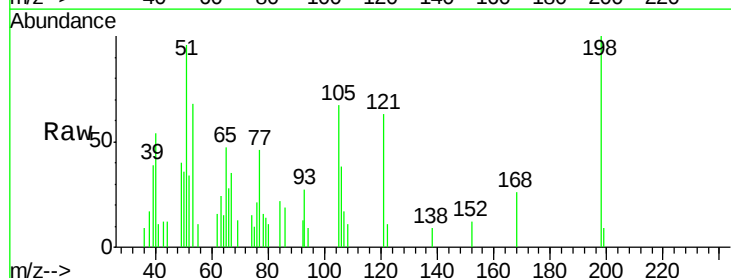
Instrument :
BNA_F
ClientSampleId :

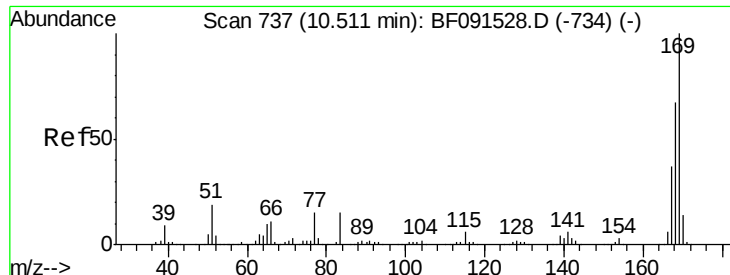
Tot Ion:188 Resp: 817537
Ion Ratio Lower Upper
188 100
94 7.0 9.2 13.8#
80 7.1 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.85 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:198 Resp: 3847
Ion Ratio Lower Upper
198 100
51 95.9 77.1 117.1
105 67.3 44.8 84.8

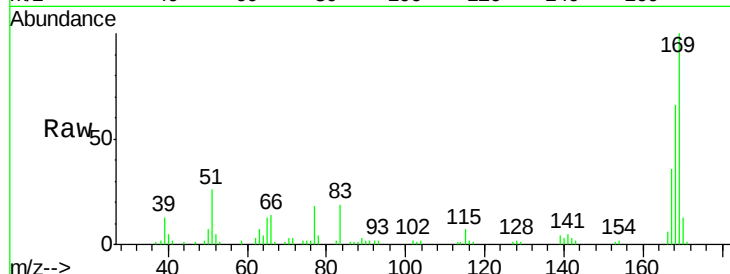




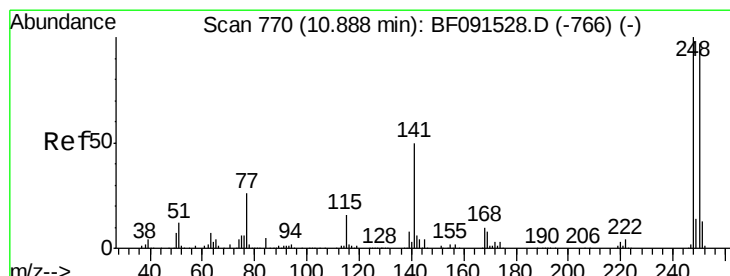
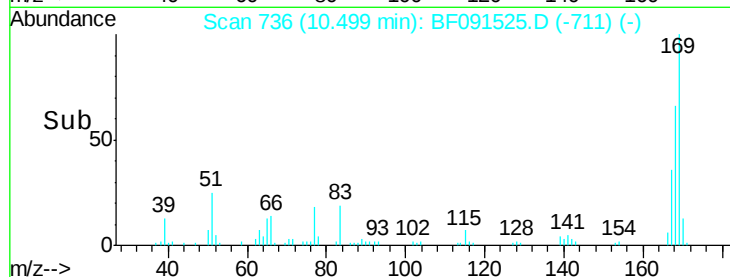
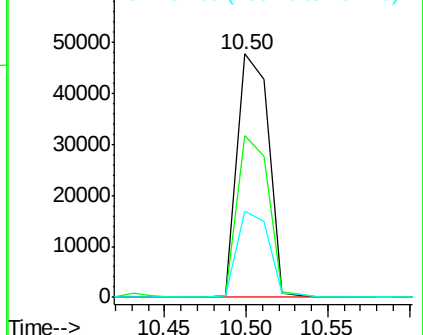
#65
n-Nitrosodiphenylamine
Concen: 2.55 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 63228
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 35.5 29.8 44.8

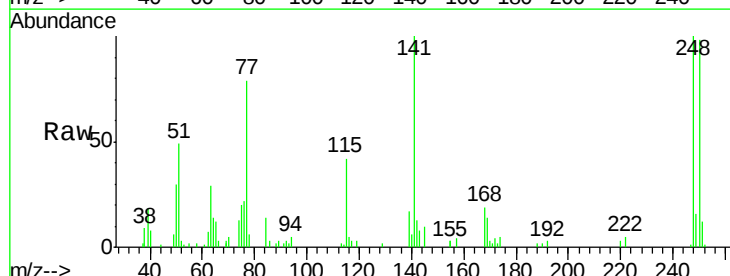


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

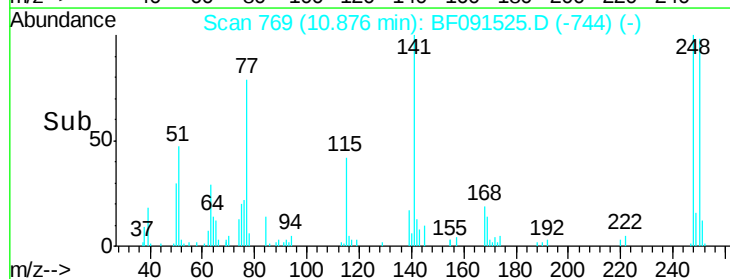
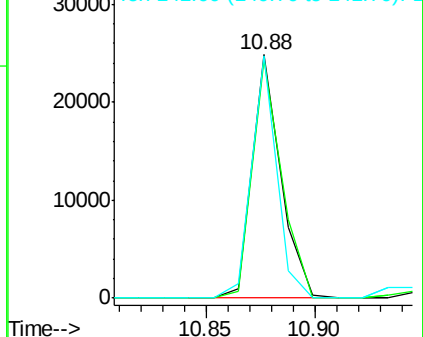


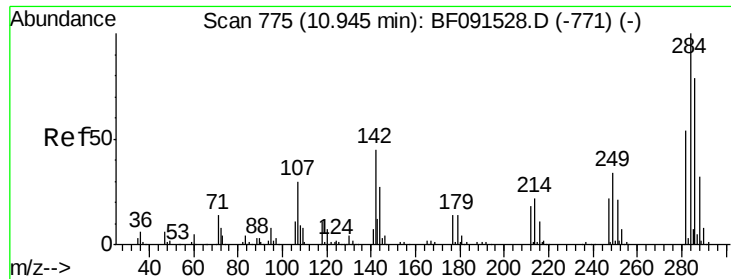
#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:248 Resp: 22813
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 99.5 71.9 107.9



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

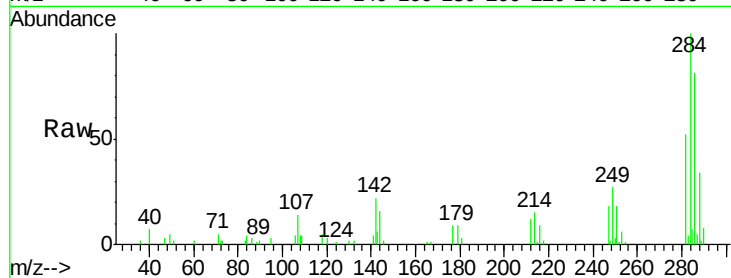




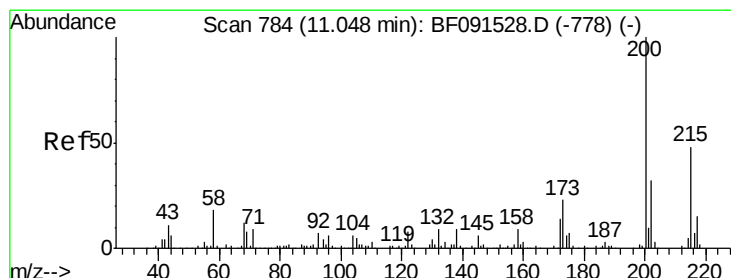
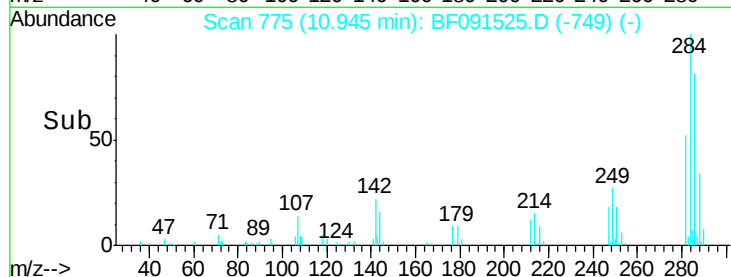
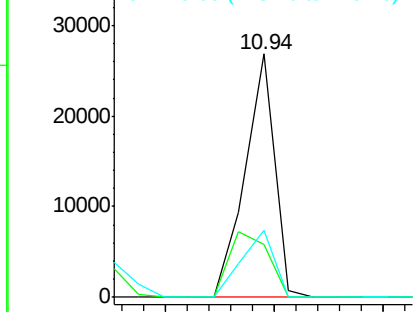
#67
Hexachlorobenzene
Concen: 2.67 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 25342
Ion Ratio Lower Upper
284 100
142 21.9 17.9 26.9
249 27.4 23.6 35.4

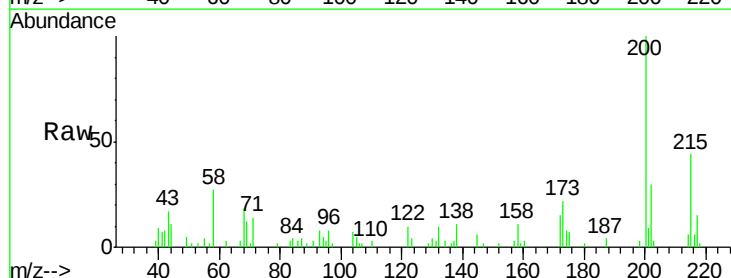


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

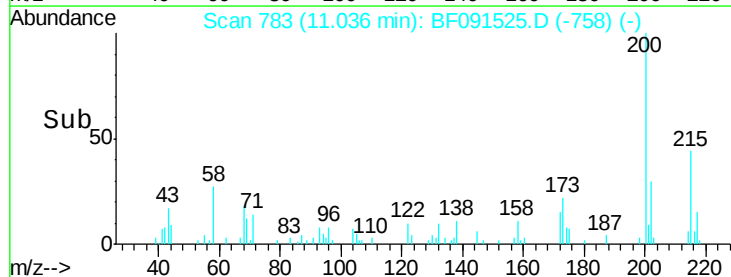
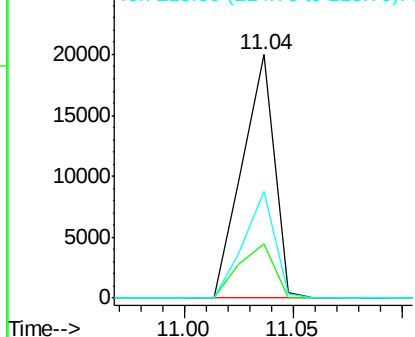


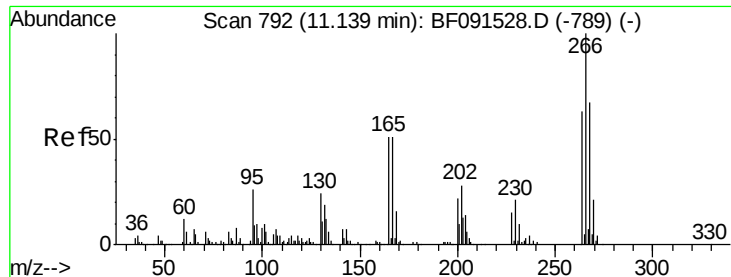
#68
Atrazine
Concen: 2.56 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:200 Resp: 20517
Ion Ratio Lower Upper
200 100
173 22.1 7.8 47.8
215 43.8 24.3 64.3



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

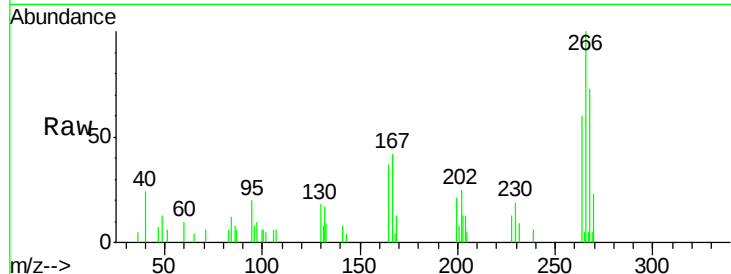




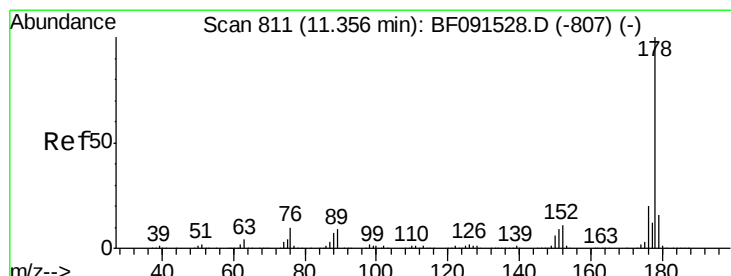
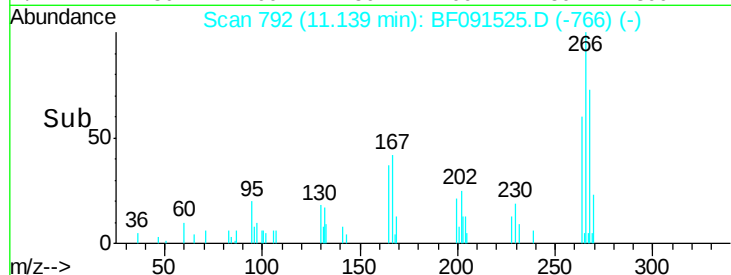
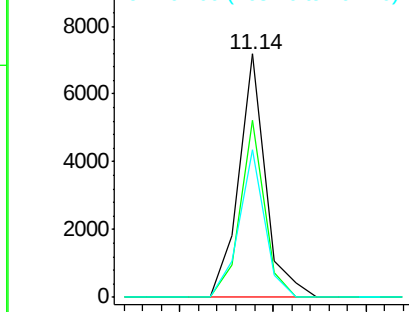
#69
 Pentachlorophenol
 Concen: 1.29 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 7197
 Ion Ratio Lower Upper
 266 100
 268 72.8 50.3 75.5
 264 60.5 48.2 72.2

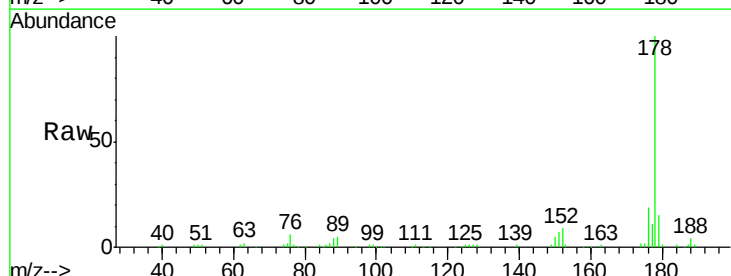


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

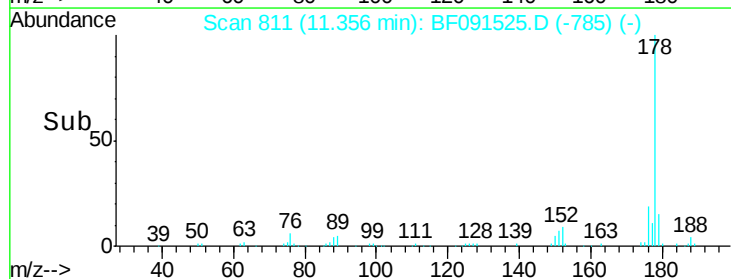
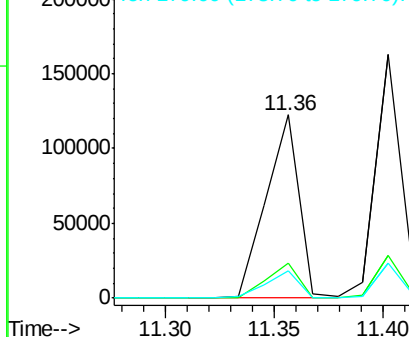


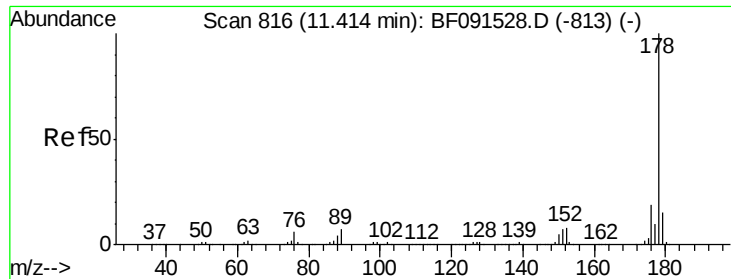
#70
 Phenanthrene
 Concen: 3.05 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:178 Resp: 129520
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.3 12.6 18.8



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

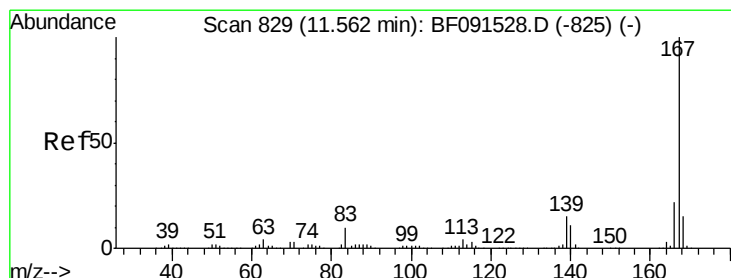
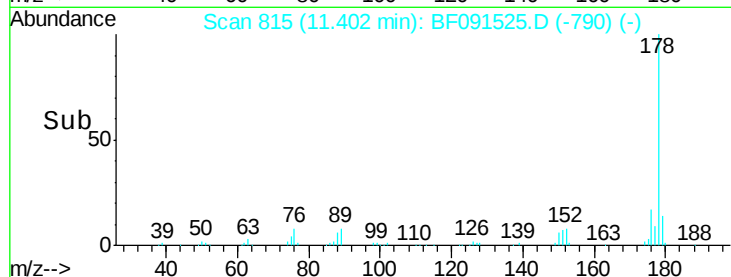
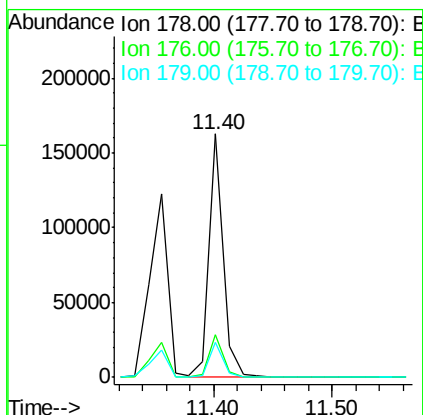
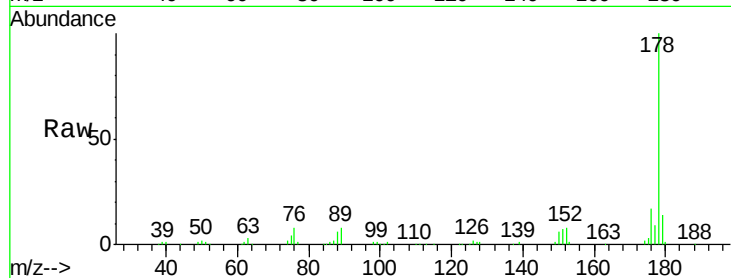




#71
 Anthracene
 Concen: 3.22 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

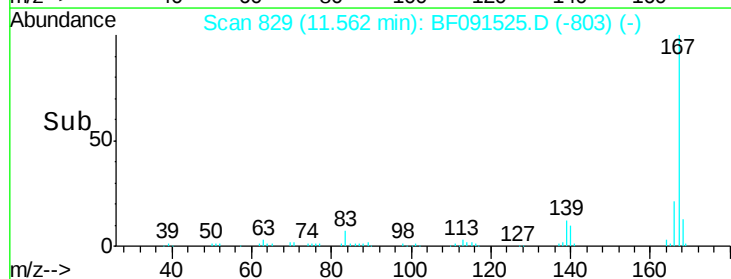
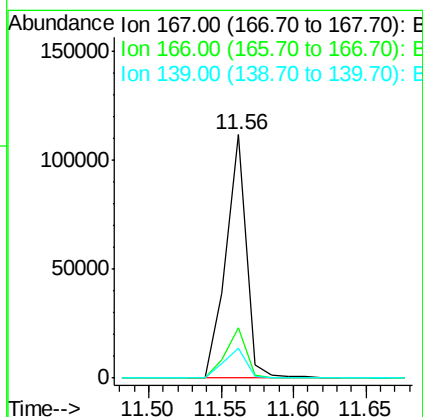
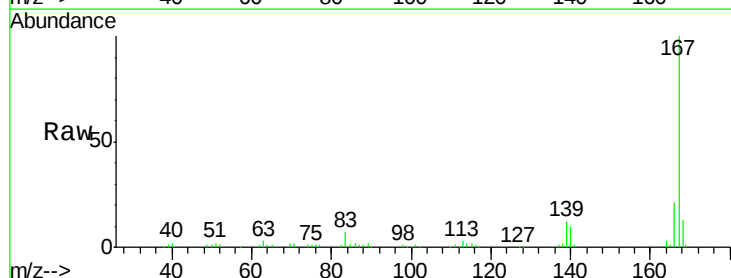
Instrument :
 BNA_F
 ClientSampleId :

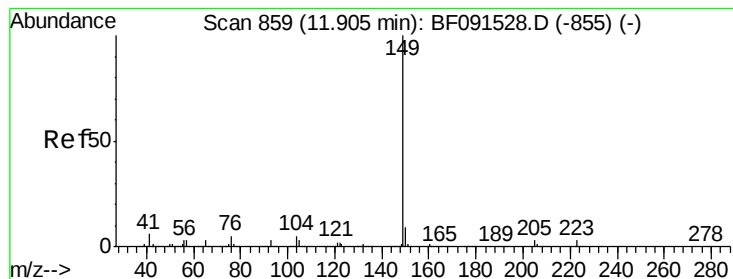
Tot Ion:178 Resp: 135931
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.8 23.6
 179 14.4 12.7 19.1



#72
 Carbazole
 Concen: 2.86 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:167 Resp: 109528
 Ion Ratio Lower Upper
 167 100
 166 20.6 18.1 27.1
 139 12.3 11.5 17.3





#73

Di-n-butylphthalate

Concen: 2.57 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

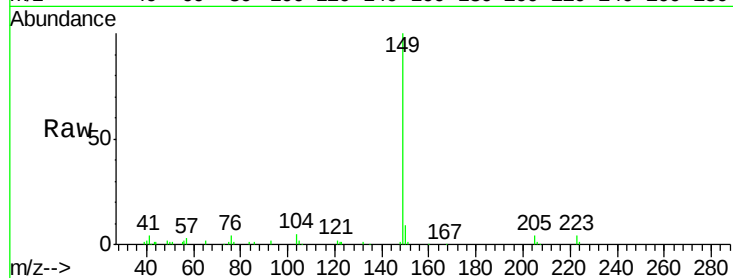
Tot Ion:149 Resp: 111256

Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

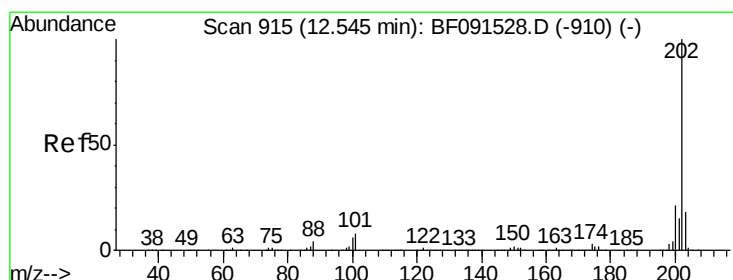
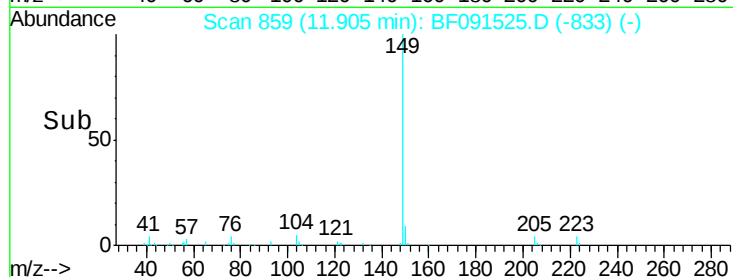
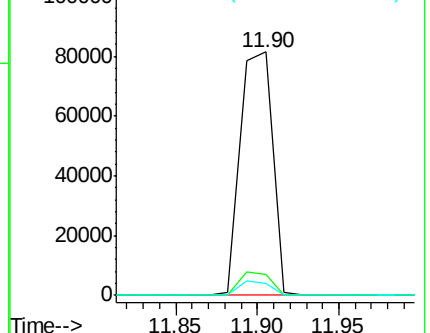
104 4.7 4.0 6.0



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: 3.05 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

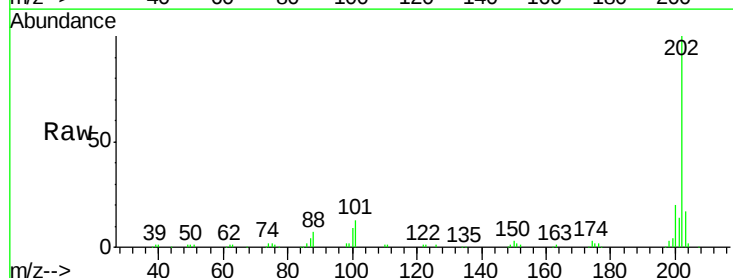
Tgt Ion:202 Resp: 122821

Ion Ratio Lower Upper

202 100

101 12.7 0.0 29.5

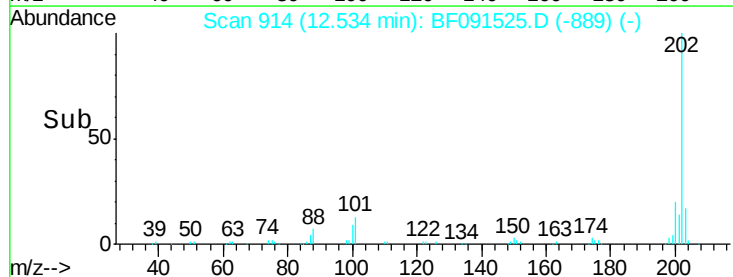
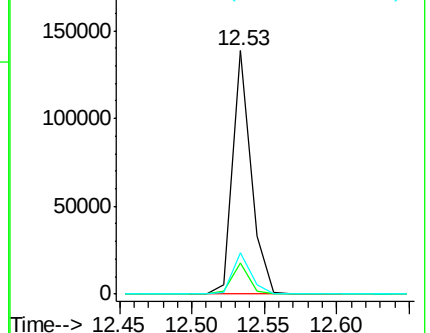
203 17.0 0.0 37.8

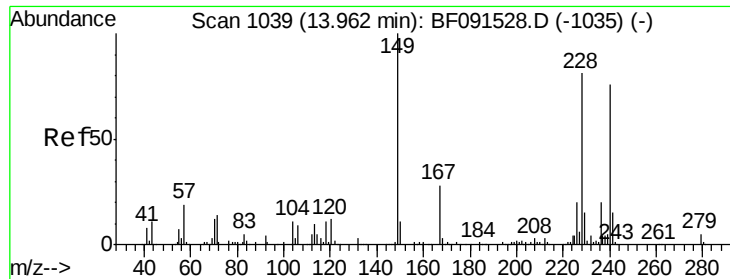


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

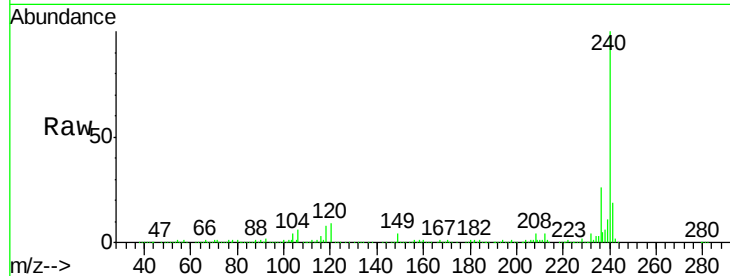
Tot Ion:240 Resp: 691019

Ion Ratio Lower Upper

240 100

120 8.8 12.1 18.1#

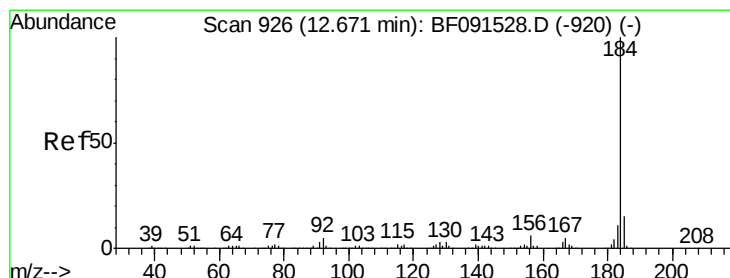
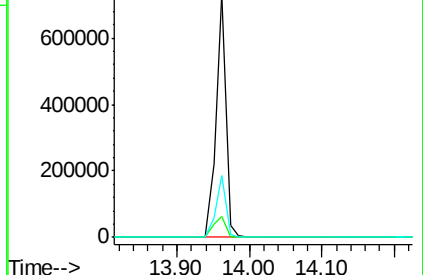
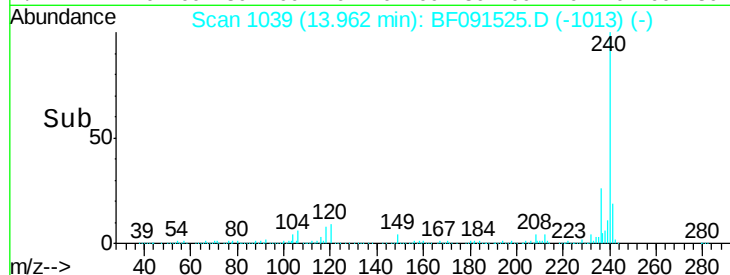
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.85 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

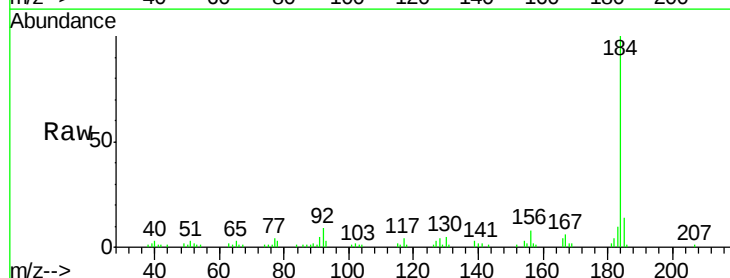
Tgt Ion:184 Resp: 57752

Ion Ratio Lower Upper

184 100

185 13.7 13.1 19.7

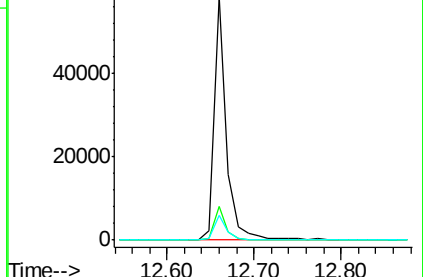
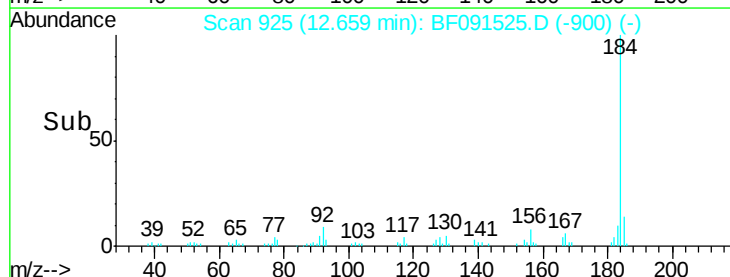
183 10.1 8.9 13.3

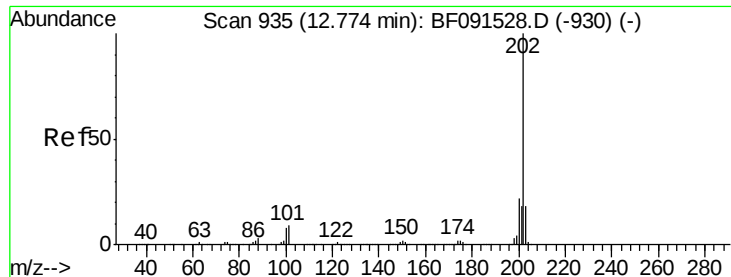


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

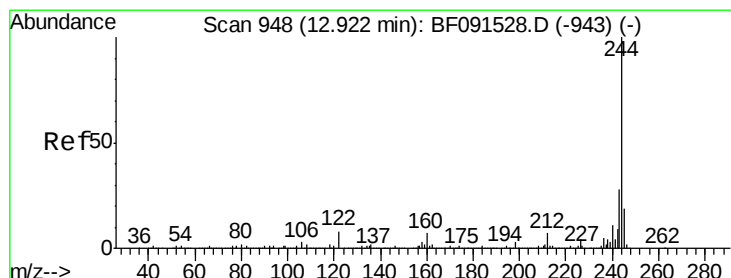
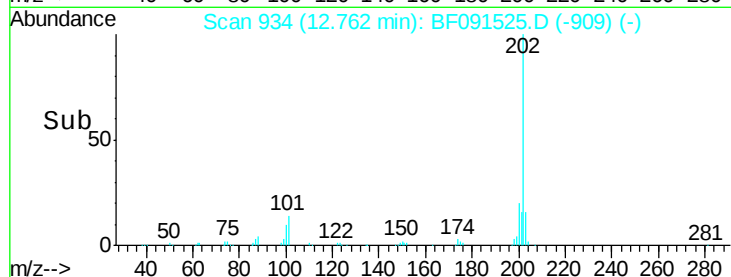
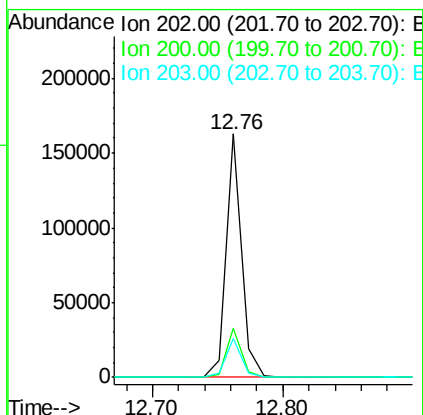
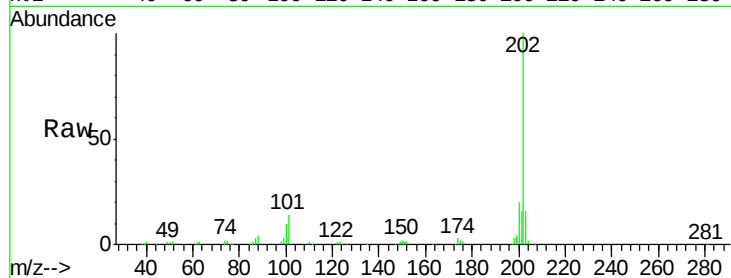




#77
Pvrene
Concen: 2.56 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

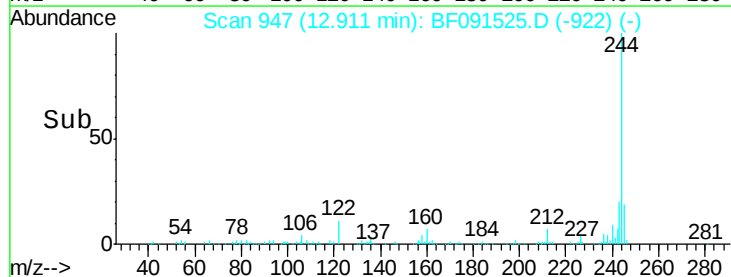
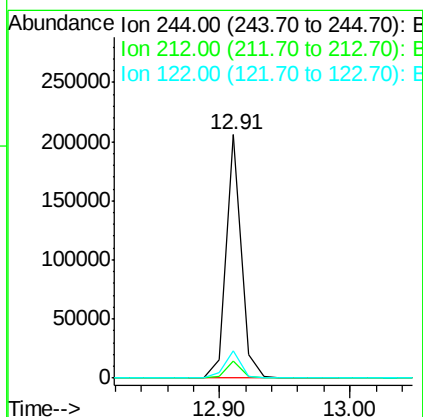
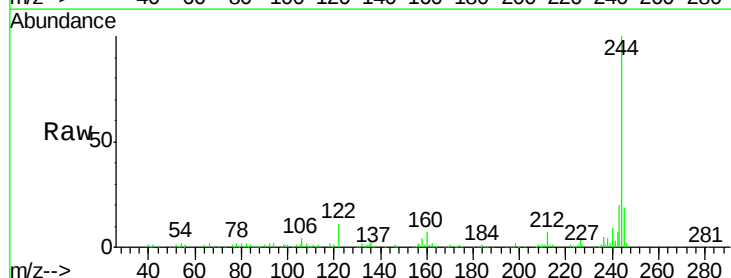
Instrument :
BNA_F
ClientSampleId :

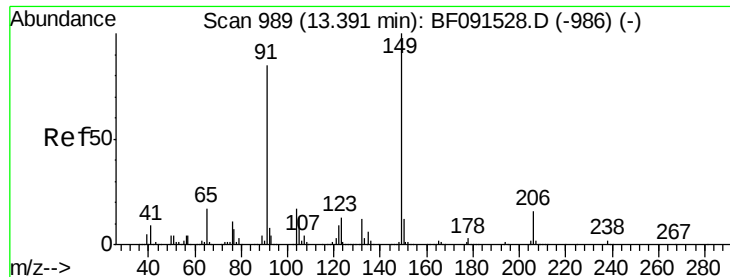
Tot Ion:202 Resp: 134228
Ion Ratio Lower Upper
202 100
200 20.1 17.6 26.4
203 15.9 14.0 21.0



#78
Terphenyl-d14
Concen: 5.24 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091525.D
Acq: 9 Dec 2016 13:54

Tgt Ion:244 Resp: 166518
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 11.0 9.5 14.3





#79

Butylbenzylphthalate

Concen: 2.07 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

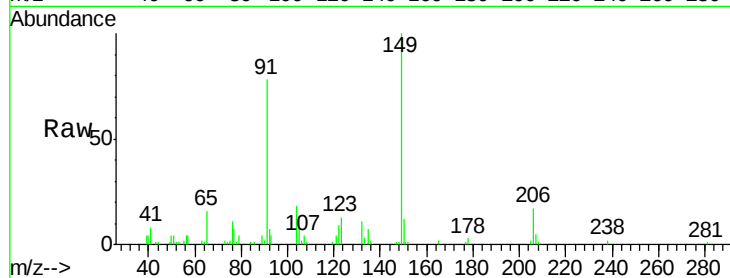
Tot Ion:149 Resp: 40620

Ion Ratio Lower Upper

149 100

91 78.1 57.4 86.2

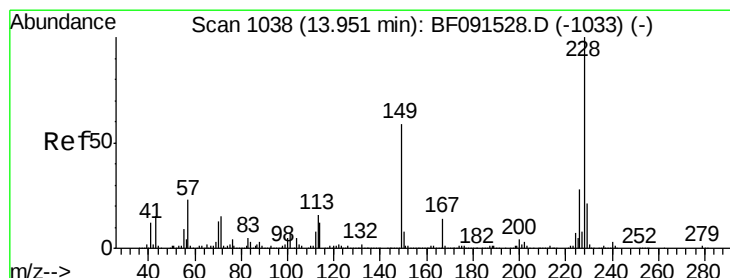
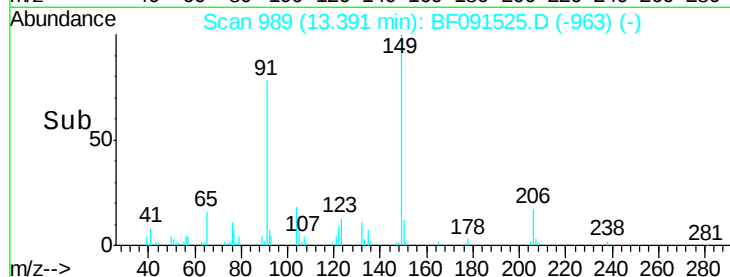
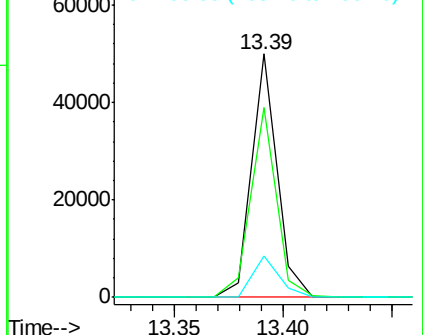
206 16.8 15.4 23.2



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: 2.55 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

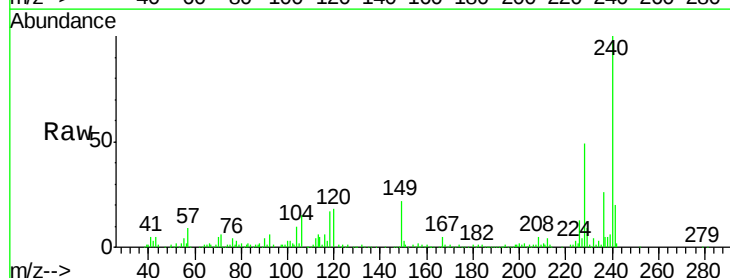
Tgt Ion:228 Resp: 103006

Ion Ratio Lower Upper

228 100

226 25.8 22.5 33.7

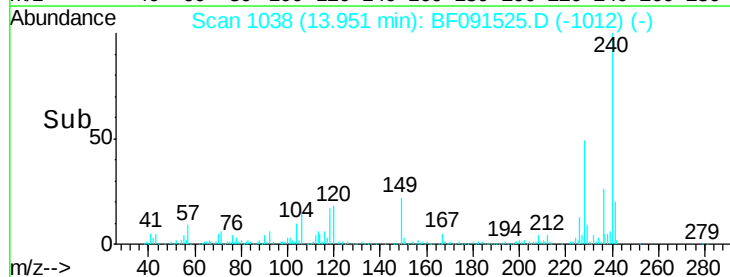
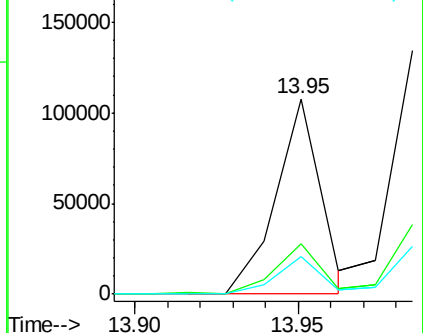
229 19.2 16.4 24.6

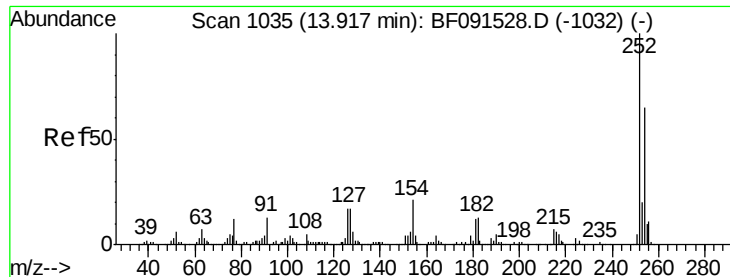


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 2.42 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

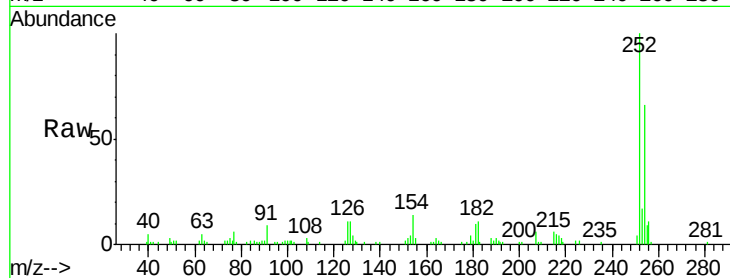
Tot Ion:252 Resp: 34399

Ion Ratio Lower Upper

252 100

254 66.3 52.1 78.1

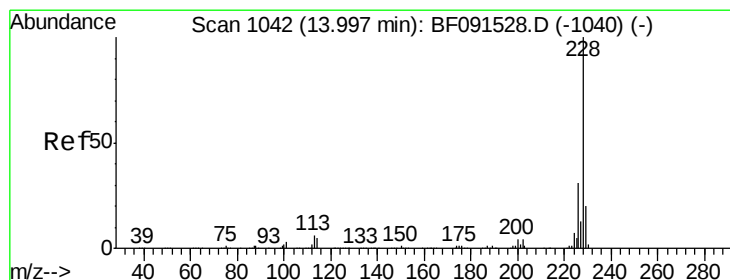
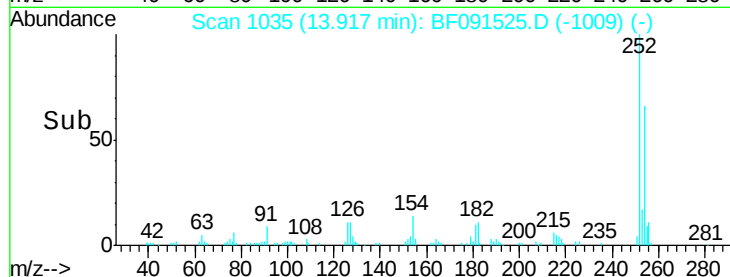
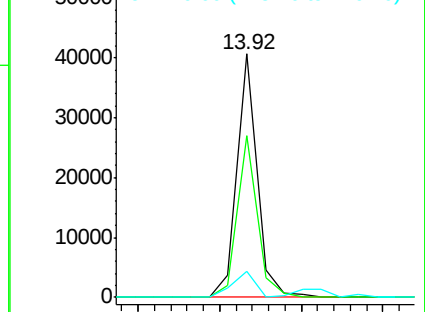
126 10.9 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 2.83 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

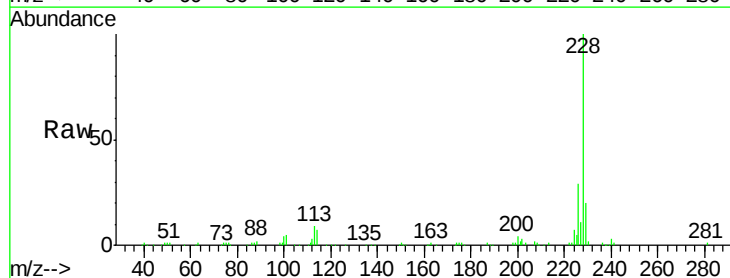
Tgt Ion:228 Resp: 113038

Ion Ratio Lower Upper

228 100

226 28.7 25.0 37.4

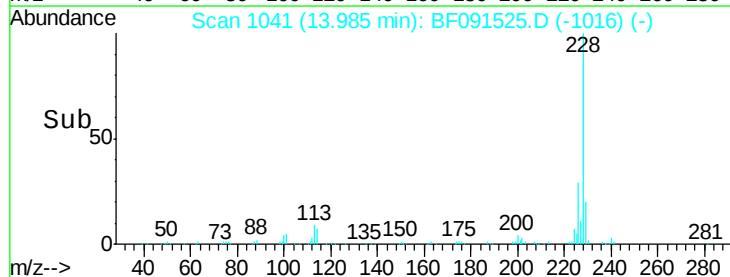
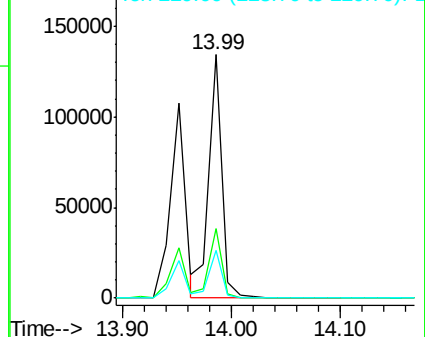
229 19.7 16.0 24.0

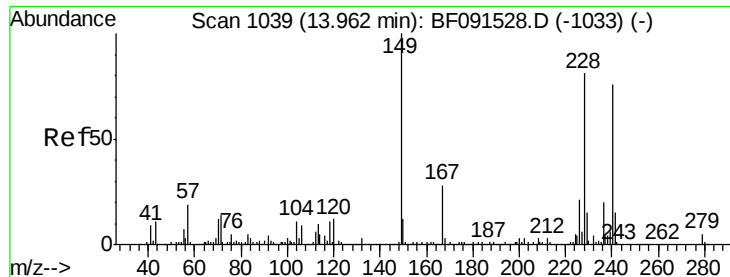


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

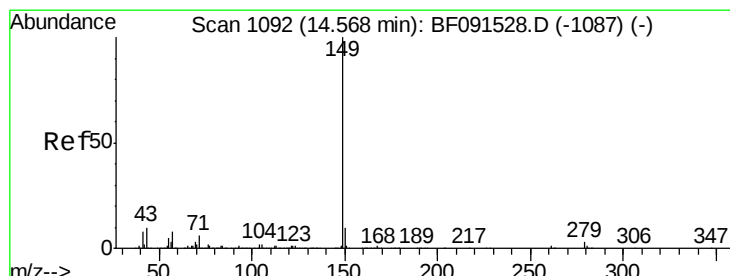
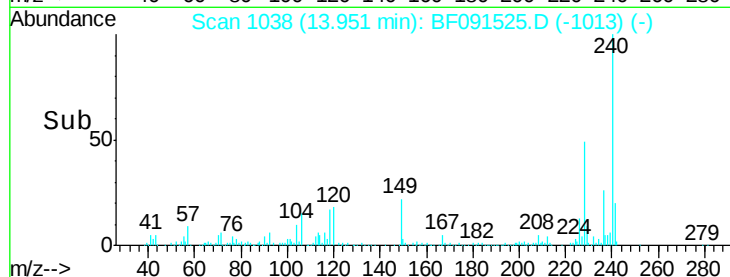
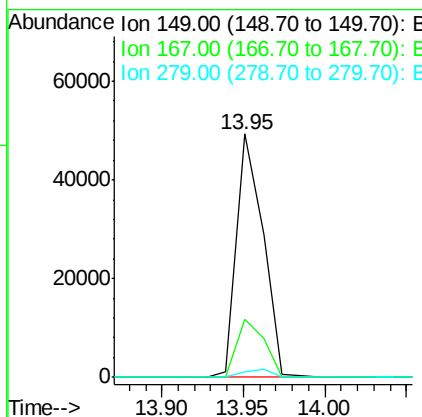
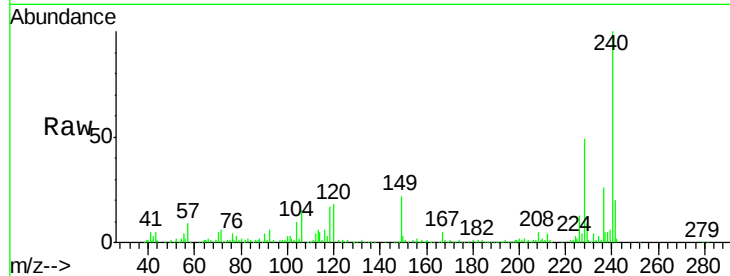




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.22 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

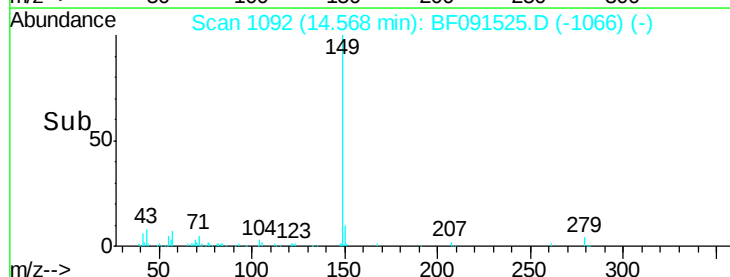
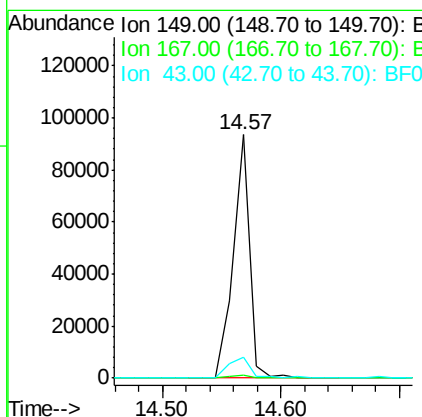
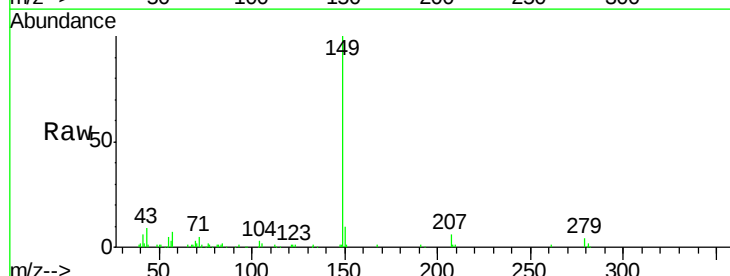
Instrument :
 BNA_F
 ClientSampleId :

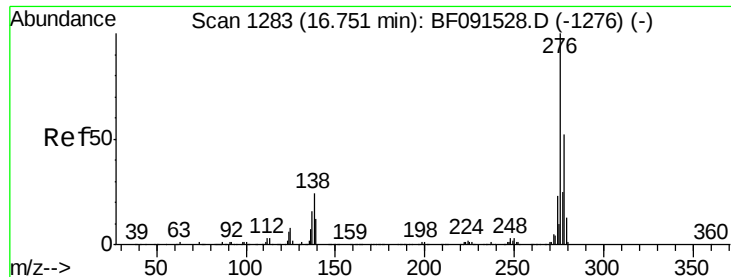
Tot Ion:149 Resp: 55140
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.6 29.4
 279 2.1 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 2.38 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:149 Resp: 89623
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.3 1.9
 43 12.5 11.9 17.9

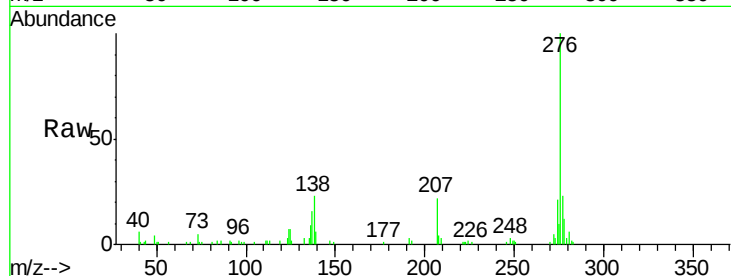




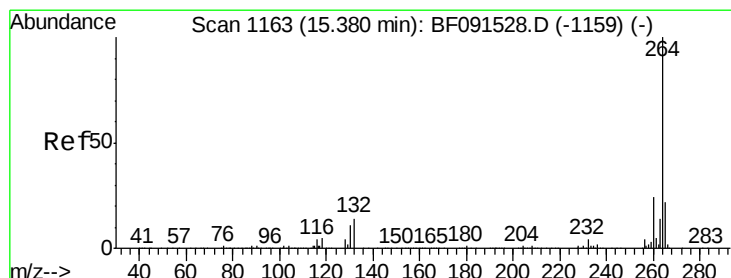
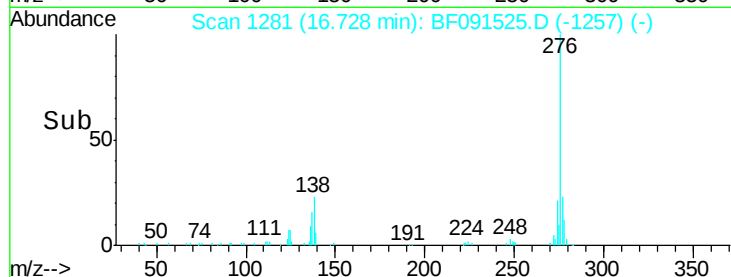
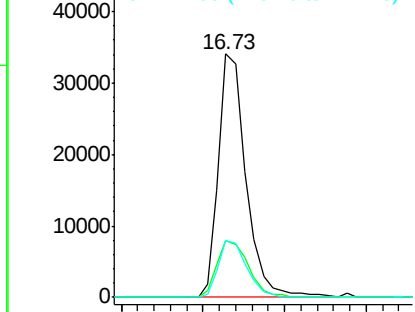
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.18 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 79995
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.0 31.4
 277 24.0 20.2 30.2

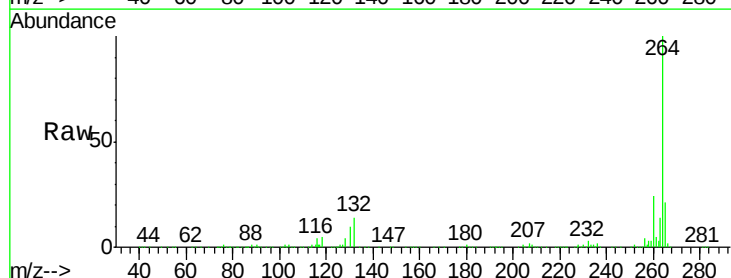


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

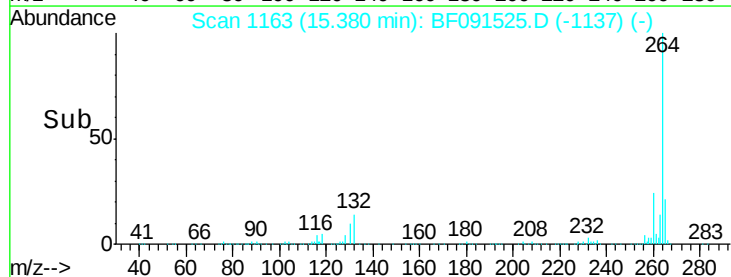
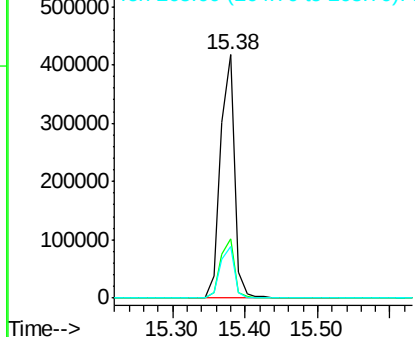


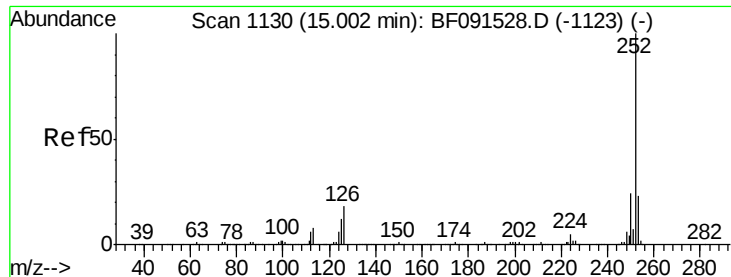
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Tgt Ion:264 Resp: 563255
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.3 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.09 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

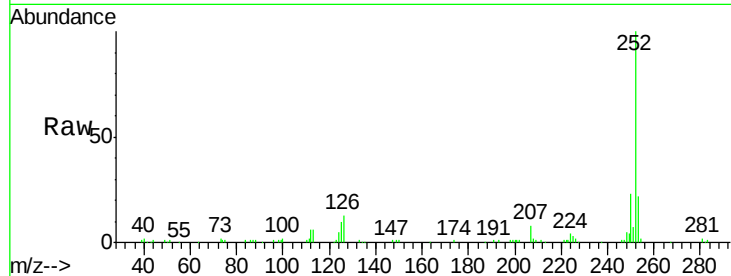
Tot Ion:252 Resp: 178031

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

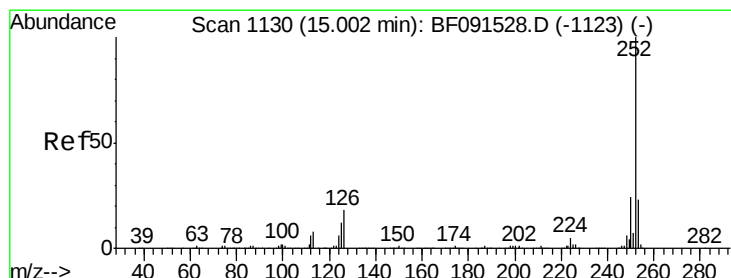
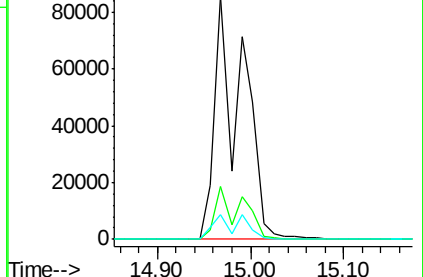
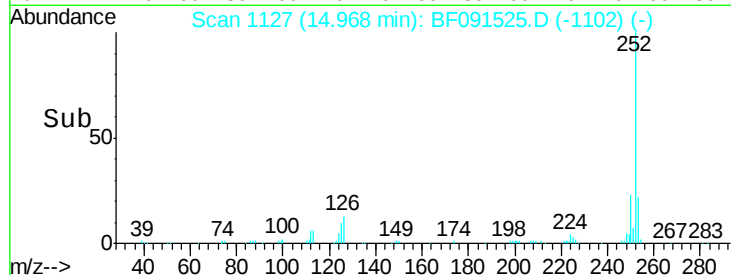
125 10.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.05 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

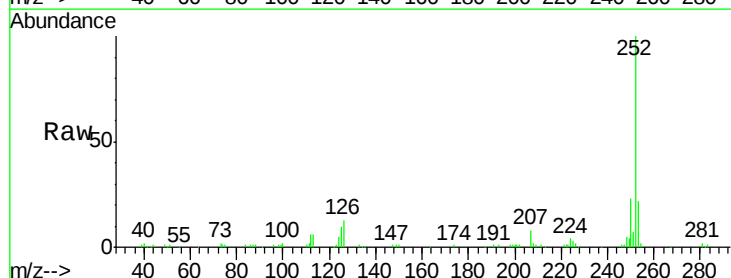
Tgt Ion:252 Resp: 178031

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

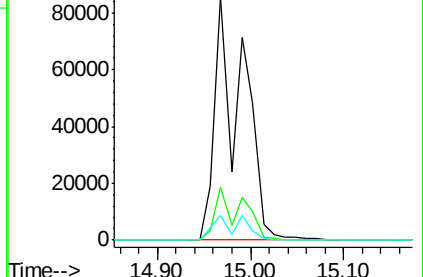
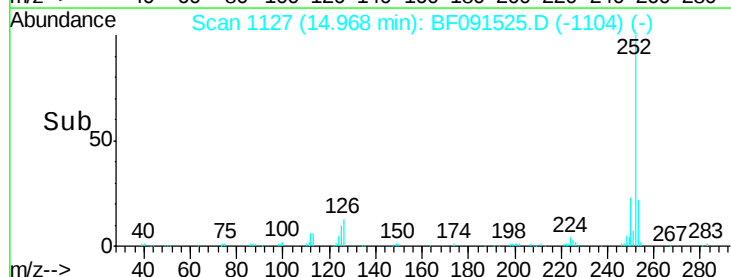
125 10.0 9.6 14.4

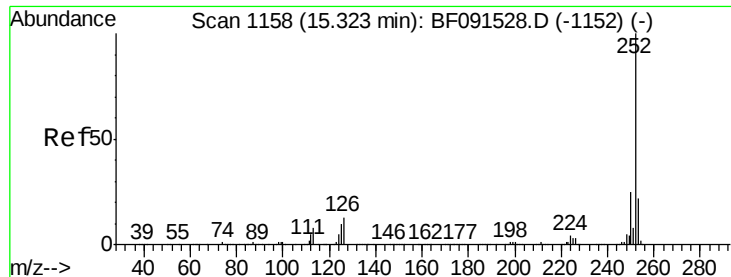


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.58 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

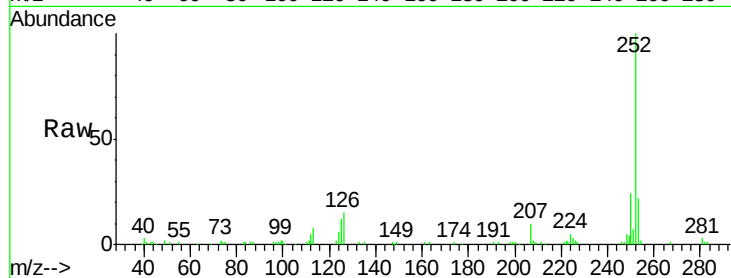
Tot Ion:252 Resp: 81116

Ion Ratio Lower Upper

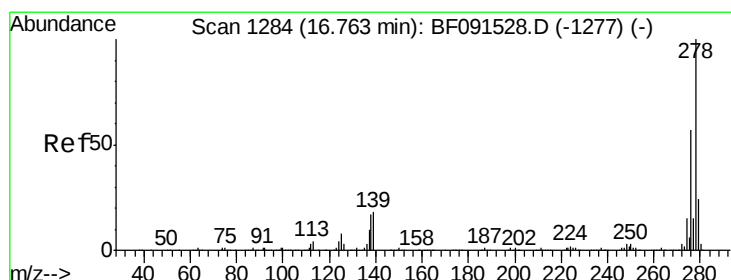
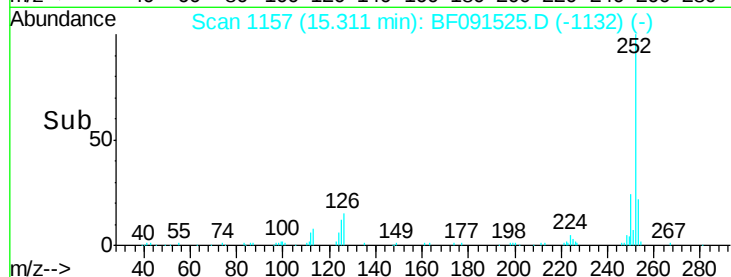
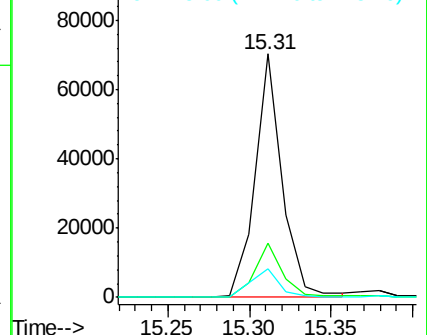
252 100

253 22.1 18.2 27.4

125 11.8 10.4 15.6



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



#90

Dibenzo(a,h)anthracene

Concen: 2.42 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF091525.D

Acq: 9 Dec 2016 13:54

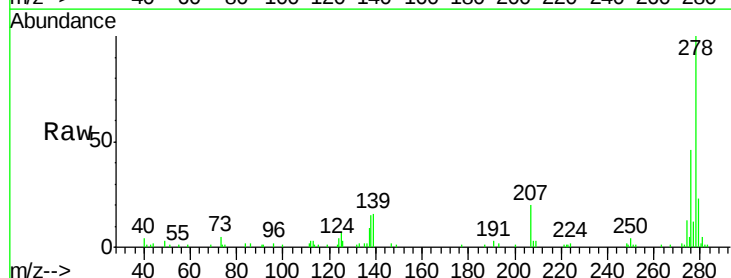
Tgt Ion:278 Resp: 70435

Ion Ratio Lower Upper

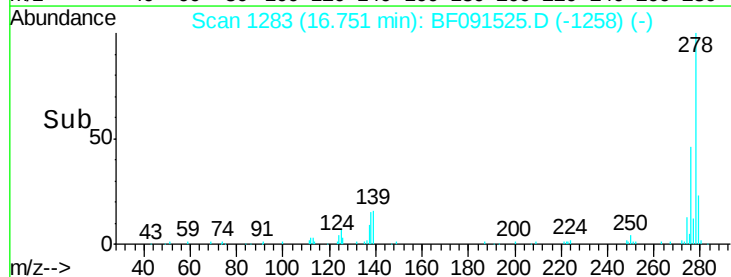
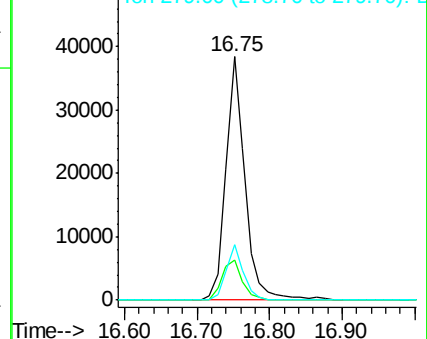
278 100

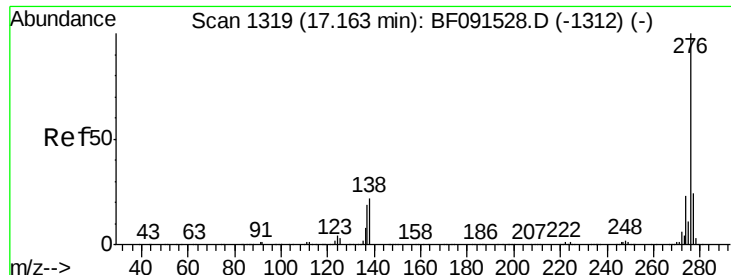
139 16.5 15.1 22.7

279 22.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

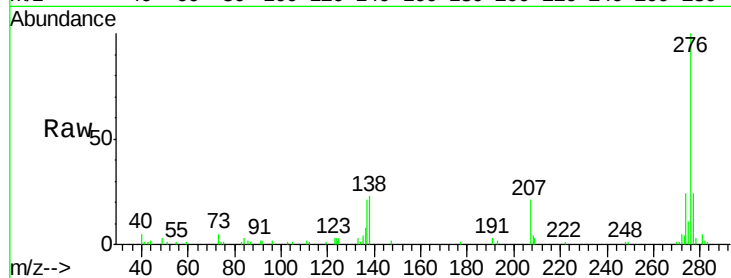




#91
 Benzo(a,h,i)perylene
 Concen: 2.31 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF091525.D
 Acq: 9 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 69112
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 22.6 15.4 23.0



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

