

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091476.D
 Acq On : 7 Dec 2016 18:23
 Operator : UM/SJ
 Sample : H5867-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Quant Time: Dec 08 00:24:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155715	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	598818	20.00	ng	-0.05
38) Acenaphthene-d10	9.88	164	388368	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	676647	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	456030	20.00	ng	-0.05
86) Perylene-d12	15.40	264	364920	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	932330	97.81	ng	-0.02
7) Phenol-d6	6.47	99	1139986	97.16	ng	-0.03
23) Nitrobenzene-d5	7.40	82	774409	72.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.66	330	456923	124.27	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1662687	77.52	ng	-0.04
78) Terphenyl-d14	12.94	244	1771699	84.44	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	112162	26.01	ng	# 83
3) Pyridine	3.27	79	289694	23.74	ng	# 80
4) n-Nitrosodimethylamine	3.21	42	217507	33.97	ng	98
6) Aniline	6.49	93	182646	11.72	ng	# 17
8) 2-Chlorophenol	6.62	128	367355	35.15	ng	# 80
9) Benzaldehyde	6.38	77	79778	10.57	ng	84
10) Phenol	6.48	94	343748	24.90	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	366416	37.14	ng	99
12) 1,3-Dichlorobenzene	6.78	146	363163	31.24	ng	95
13) 1,4-Dichlorobenzene	6.85	146	341628	29.54	ng	95
14) 1,2-Dichlorobenzene	7.01	146	374113	34.73	ng	96
15) Benzyl Alcohol	6.98	79	338887	36.09	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	701082	33.05	ng	73
17) 2-Methylphenol	7.10	107	285567	34.57	ng	# 76
18) Hexachloroethane	7.35	117	135023	32.89	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	284496	38.49	ng	# 89
20) 3+4-Methylphenols	7.25	107	351022	34.81	ng	# 60
22) Acetophenone	7.25	105	512334	36.10	ng	# 83
24) Nitrobenzene	7.42	77	420459	38.43	ng	# 89
25) Isophorone	7.66	82	721133	38.09	ng	99
26) 2-Nitrophenol	7.74	139	192480	38.61	ng	# 75
27) 2,4-Dimethylphenol	7.77	122	320206	34.33	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	470538	41.29	ng	99
29) 2,4-Dichlorophenol	7.98	162	328715	40.07	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	334037	36.32	ng	98
31) Naphthalene	8.14	128	1009482	35.47	ng	100
32) Benzoic acid	7.90	122	225200	32.76	ng	97
33) 4-Chloroaniline	8.20	127	85733	7.05	ng	99
34) Hexachlorobutadiene	8.26	225	218058	38.55	ng	99
35) Caprolactam	8.56	113	53622	22.74	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	339856	38.37	ng	98
37) 2-Methylnaphthalene	8.84	142	798205	41.28	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	343333	31.36	ng	99
40) Hexachlorocyclopentadiene	8.98	237	392108	77.26	ng	99

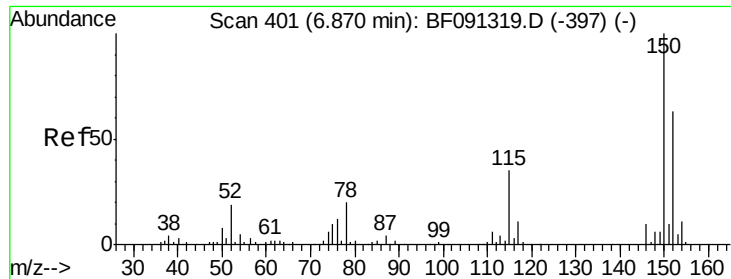
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091476.D
 Acq On : 7 Dec 2016 18:23
 Operator : UM/SJ
 Sample : H5867-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Quant Time: Dec 08 00:24:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	270769	38.05	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	240083	33.67	ng	# 94
45) 1,1'-Biphenyl	9.29	154	889024	31.83	ng	97
46) 2-Chloronaphthalene	9.32	162	667993	32.12	ng	98
47) 2-Nitroaniline	9.42	65	281943	37.75	ng	90
48) Acenaphthylene	9.74	152	1159152	35.41	ng	99
49) Dimethylphthalate	9.60	163	832379	35.40	ng	98
50) 2,6-Dinitrotoluene	9.66	165	193737	36.86	ng	94
51) Acenaphthene	9.91	154	903756	40.93	ng	95
52) 3-Nitroaniline	9.82	138	75034	12.33	ng	85
53) 2,4-Dinitrophenol	9.93	184	243531	105.95	ng	93
54) Dibenzofuran	10.08	168	1117164	37.78	ng	93
55) 4-Nitrophenol	9.99	139	249808	56.85	ng	96
56) 2,4-Dinitrotoluene	10.06	165	243709	35.75	ng	# 61
57) Fluorene	10.42	166	910781	40.12	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.20	232	237230	38.96	ng	96
59) Diethylphthalate	10.30	149	857879	36.96	ng	97
60) 4-Chlorophenyl-phenylether	10.41	204	409140	35.94	ng	# 88
61) 4-Nitroaniline	10.44	138	178686	31.28	ng	83
62) Azobenzene	10.57	77	963580	40.68	ng	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	168266	45.14	ng	# 55
65) n-Nitrosodiphenylamine	10.54	169	776911	37.87	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	308940	42.48	ng	# 82
67) Hexachlorobenzene	10.96	284	293984	37.41	ng	# 73
68) Atrazine	11.06	200	266779	40.15	ng	96
69) Pentachlorophenol	11.16	266	356827	77.12	ng	95
70) Phenanthrene	11.38	178	1332905	37.91	ng	99
71) Anthracene	11.43	178	1352524	38.76	ng	99
72) Carbazole	11.58	167	1150248	36.33	ng	99
73) Di-n-butylphthalate	11.92	149	1418316	39.52	ng	100
74) Fluoranthene	12.56	202	1315908	39.51	ng	99
76) Benzidine	12.68	184	117151	8.75	ng	98
77) Pyrene	12.79	202	1412926	40.83	ng	99
79) Butylbenzylphthalate	13.41	149	549034	42.37	ng	89
80) Benzo(a)anthracene	13.98	228	1007745	37.79	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	168278	17.91	ng	# 94
82) Chrysene	14.01	228	1008798	38.23	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	771996	47.00	ng	# 91
84) Di-n-octyl phthalate	14.59	149	1159381	46.64	ng	96
85) Indeno(1,2,3-cd)pyrene	16.79	276	823932	34.09	ng	# 91
87) Benzo(b)fluoranthene	15.00	252	808769	35.66	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	808769	42.40	ng	# 96
89) Benzo(a)pyrene	15.34	252	758857	37.25	ng	# 95
90) Dibenzo(a,h)anthracene	16.80	278	687345	36.48	ng	# 92
91) Benzo(g,h,i)perylene	17.20	276	690001	35.52	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01MSD

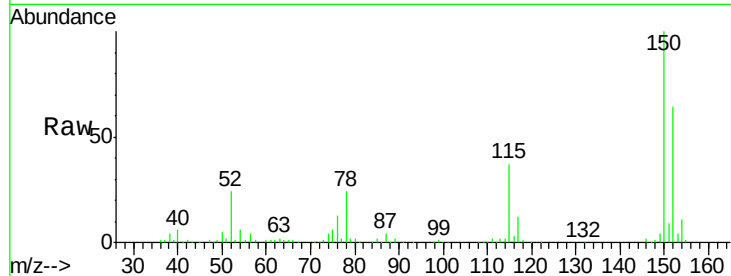
Tgt Ion:152 Resp: 155715

Ion Ratio Lower Upper

152 100

150 155.9 122.5 183.7

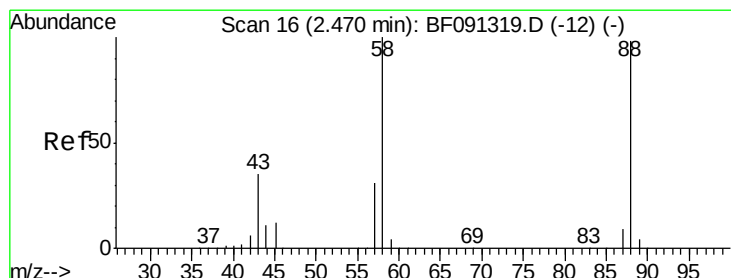
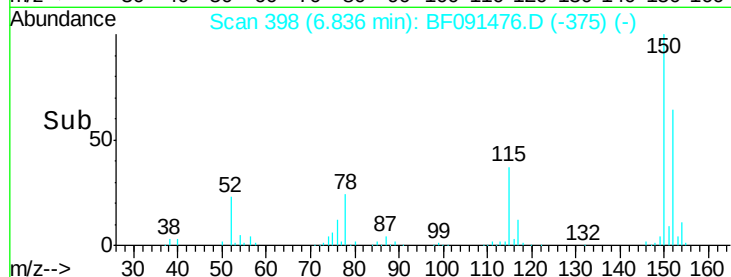
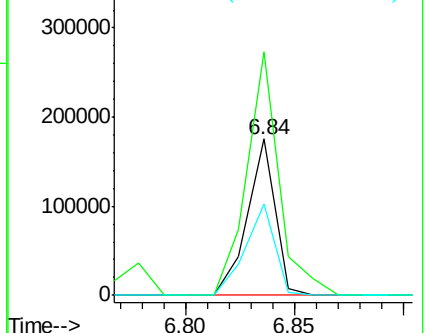
115 58.2 51.8 77.8



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



#2

1,4-Dioxane

Concen: 26.01 ng

RT: 2.60 min Scan# 27

Delta R.T. 0.10 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

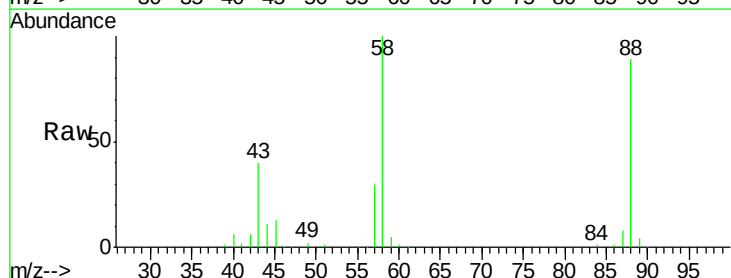
Tgt Ion: 88 Resp: 112162

Ion Ratio Lower Upper

88 100

58 109.2 70.3 105.5#

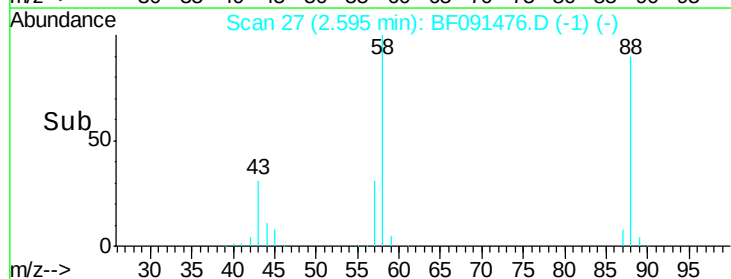
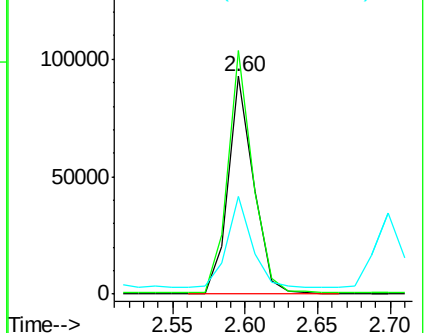
43 41.2 31.3 46.9

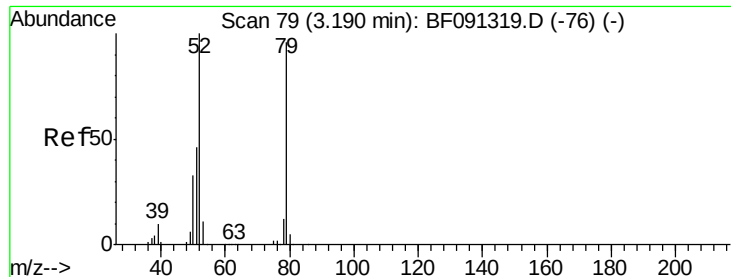


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.74 ng

RT: 3.27 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01MSD

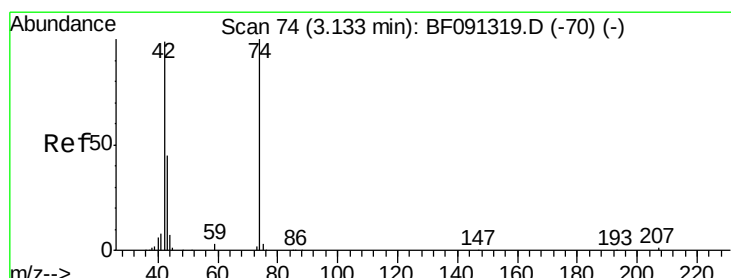
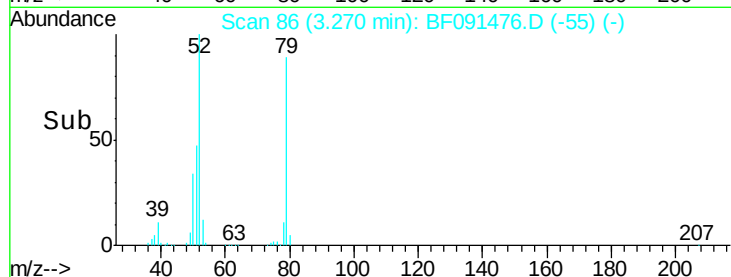
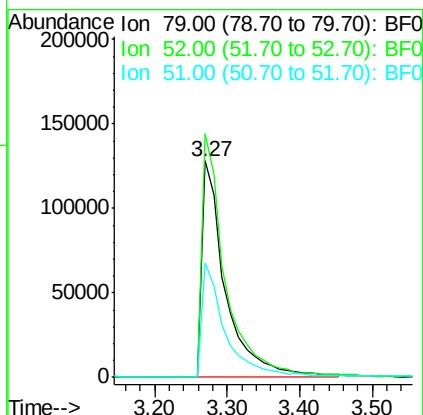
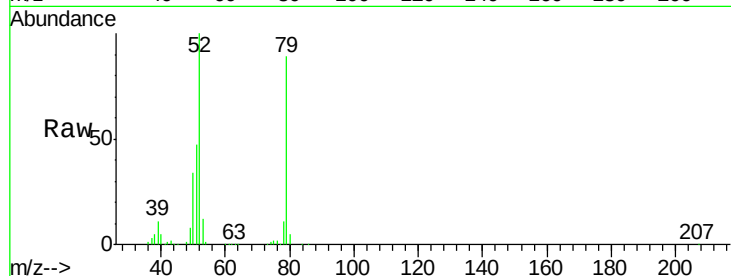
Tgt Ion: 79 Resp: 289694

Ion Ratio Lower Upper

79 100

52 112.6 71.0 106.4#

51 52.9 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 33.97 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

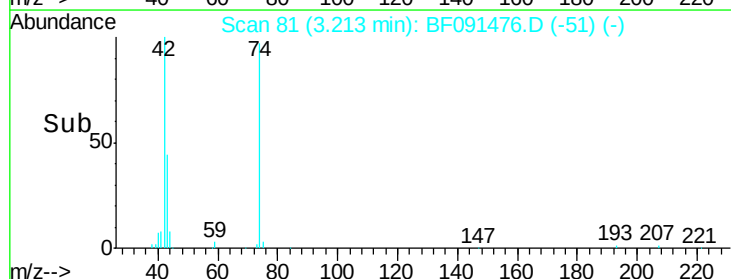
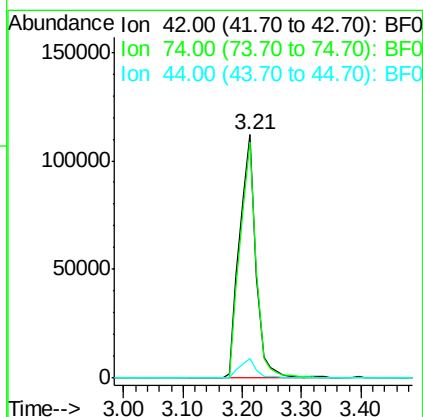
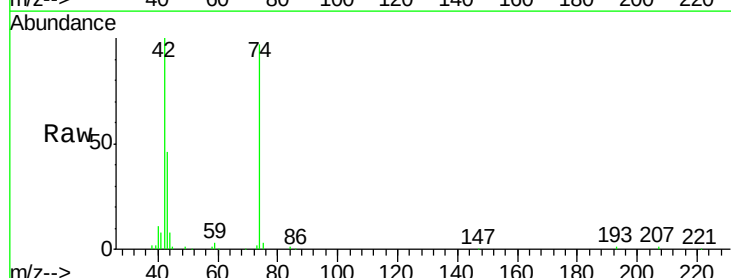
Tgt Ion: 42 Resp: 217507

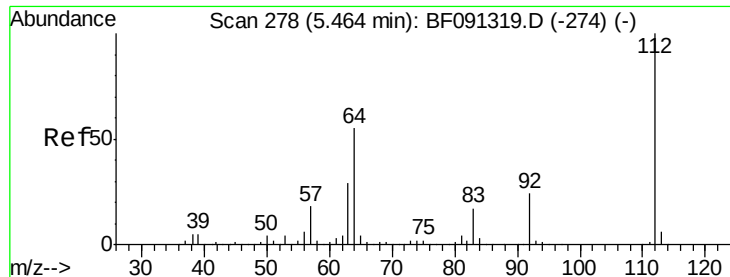
Ion Ratio Lower Upper

42 100

74 96.9 78.9 118.3

44 8.0 5.8 8.6





#5

2-Fluorophenol

Concen: 97.81 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

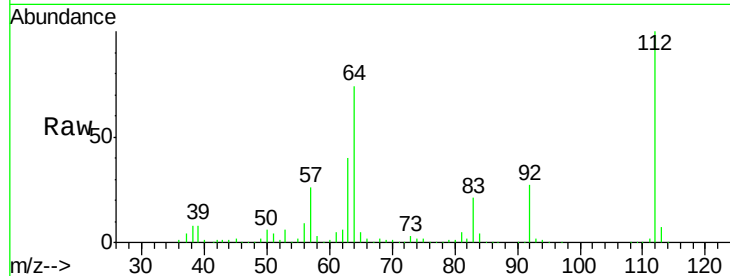
Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tgt Ion:	112	Resp:	932330
Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.5	92.3
63	40.2	33.3	49.9

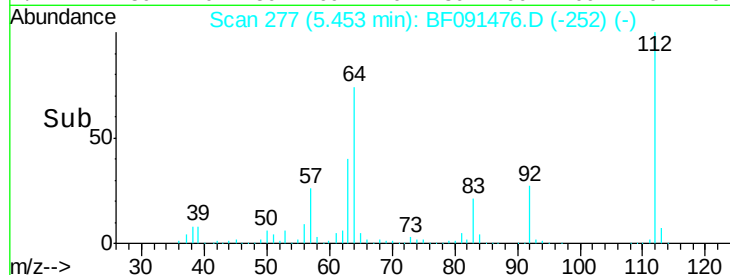


Abundance Ion 112.00 (111.70 to 112.70): BF0

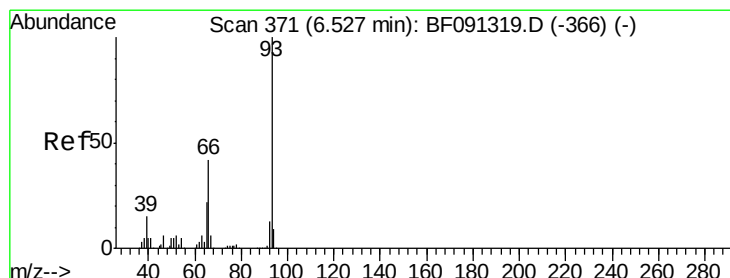
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 11.72 ng

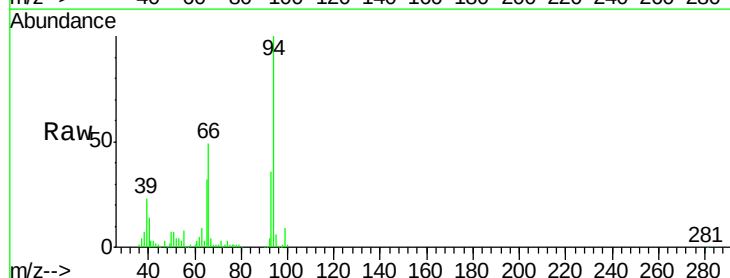
RT: 6.49 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	93	Resp:	182646
Ion	Ratio	Lower	Upper
93	100		
66	136.6	55.8	83.6#
65	89.2	29.9	44.9#

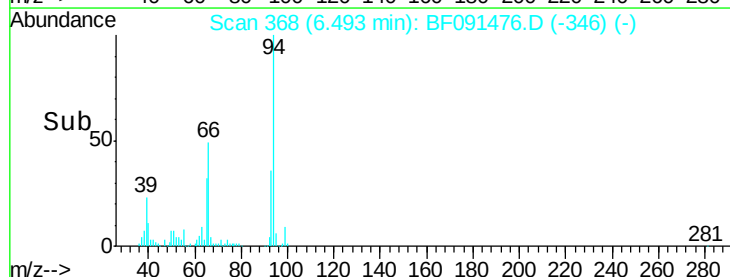


Abundance Ion 93.00 (92.70 to 93.70): BF0

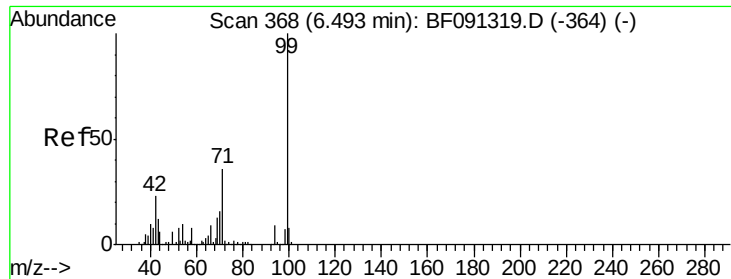
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 97.16 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

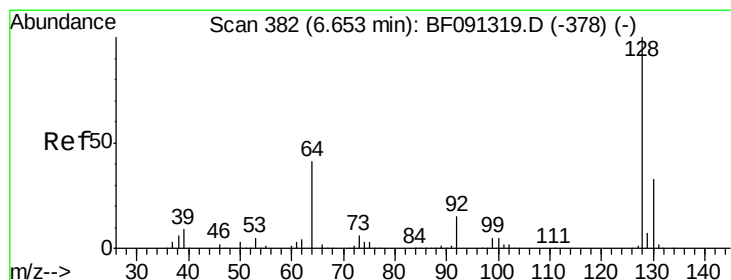
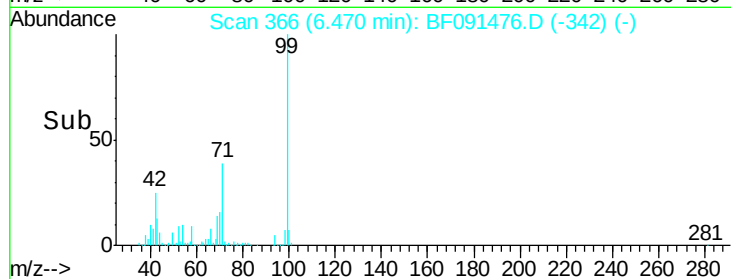
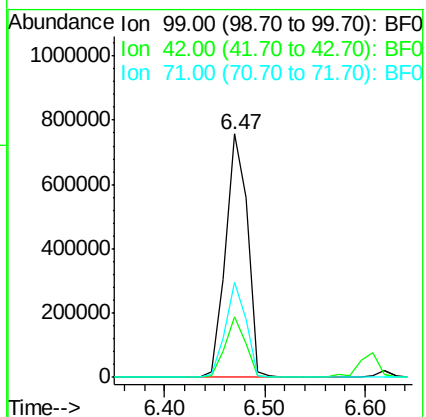
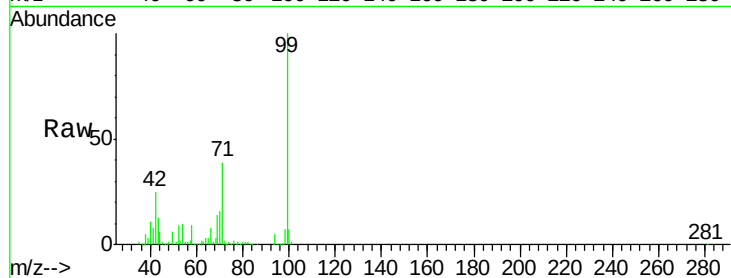
Tgt Ion: 99 Resp: 1139986

Ion Ratio Lower Upper

99 100

42 25.0 20.6 31.0

71 39.1 29.9 44.9



#8

2-Chlorophenol

Concen: 35.15 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

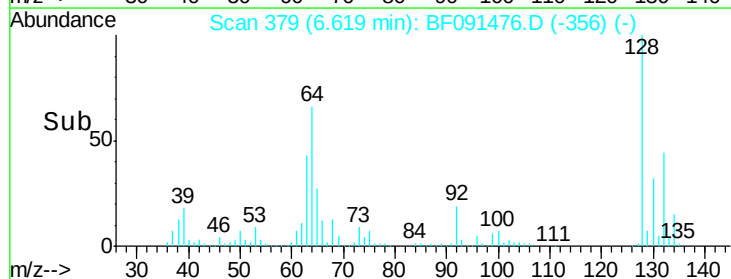
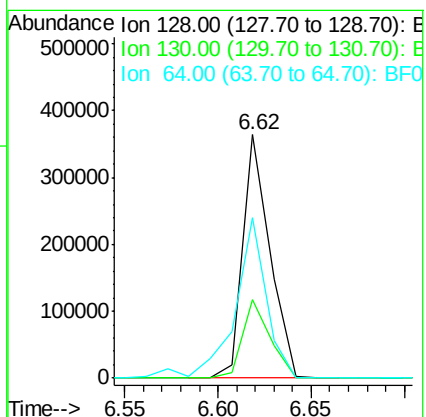
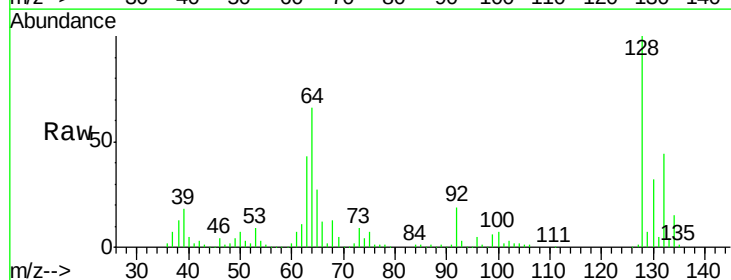
Tgt Ion: 128 Resp: 367355

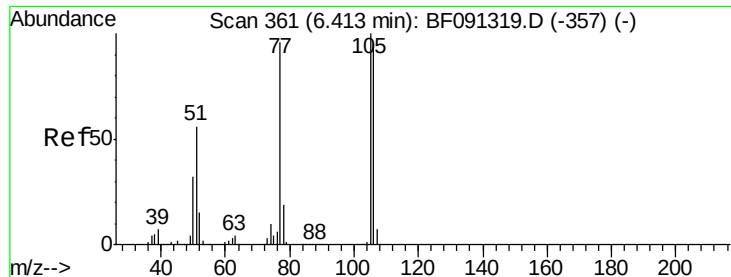
Ion Ratio Lower Upper

128 100

130 32.3 13.1 53.1

64 65.9 24.1 64.1#





#9

Benzaldehyde

Concen: 10.57 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

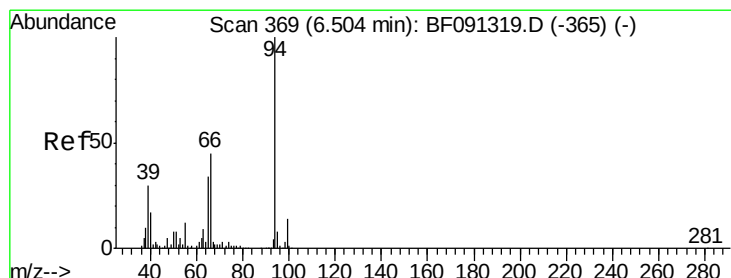
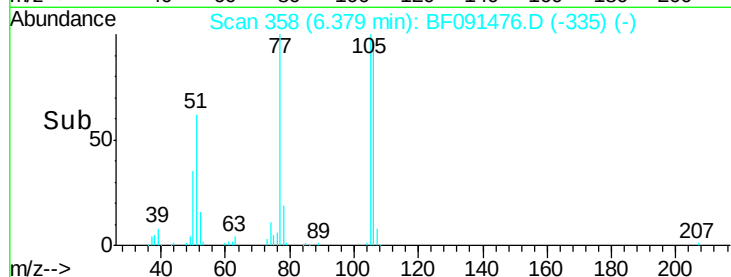
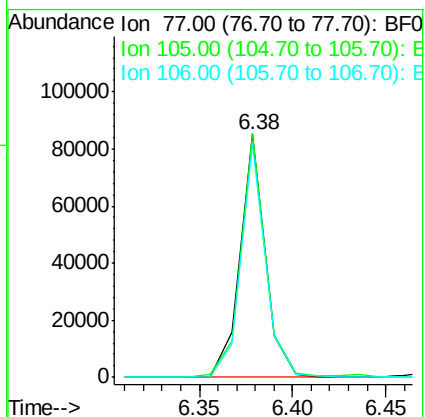
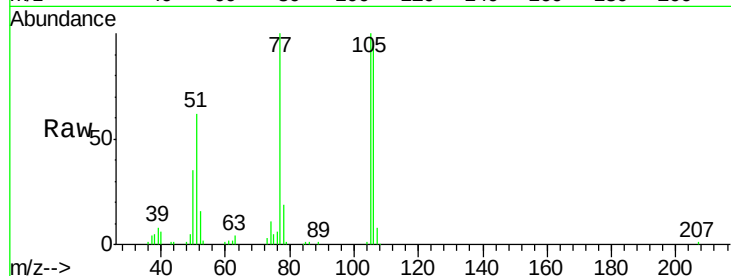
Tgt Ion: 77 Resp: 79778

Ion Ratio Lower Upper

77 100

105 100.1 66.4 106.4

106 96.1 60.9 100.9



#10

Phenol

Concen: 24.90 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

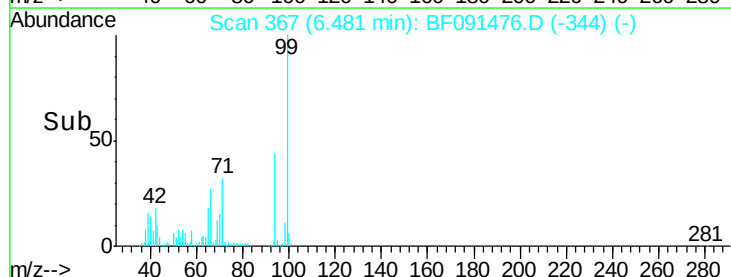
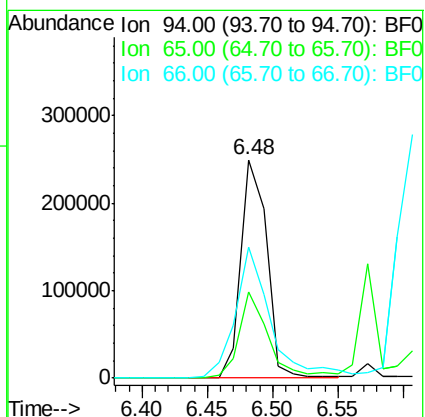
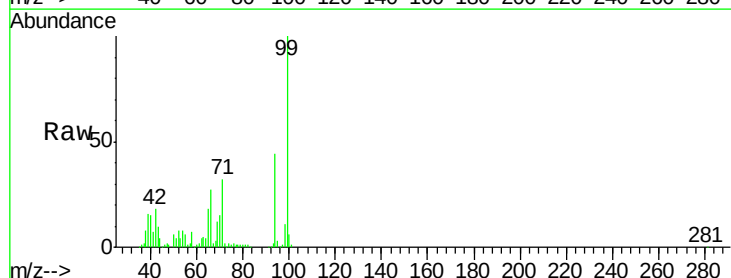
Tgt Ion: 94 Resp: 343748

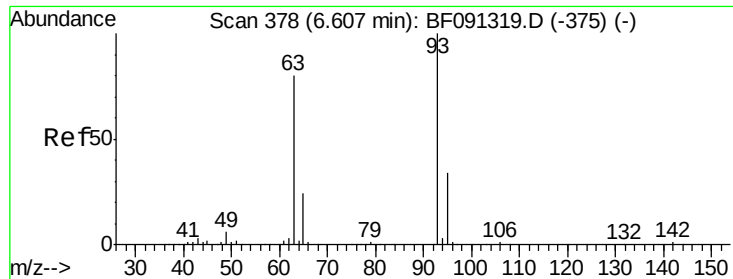
Ion Ratio Lower Upper

94 100

65 39.4 16.9 56.9

66 60.2 30.6 70.6

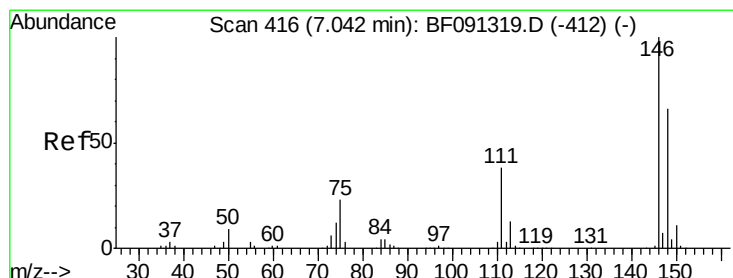
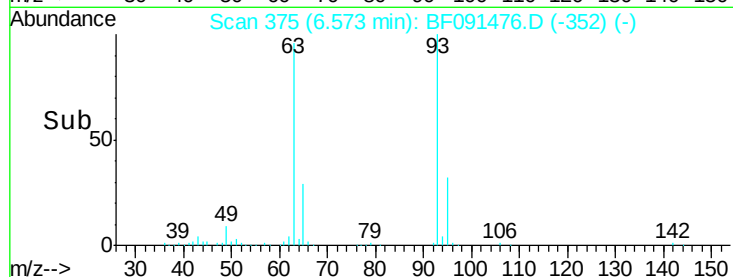
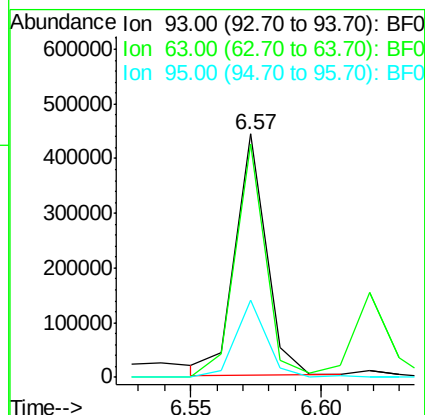
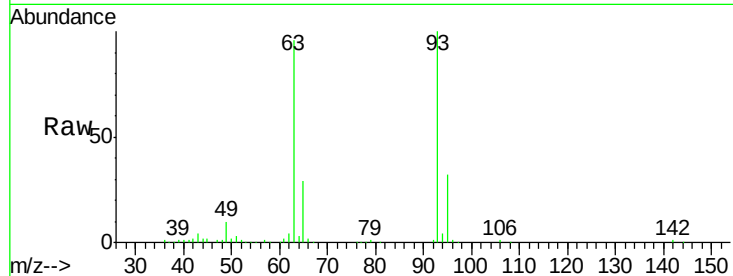




#11
bis(2-Chloroethyl)ether
Concen: 37.14 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

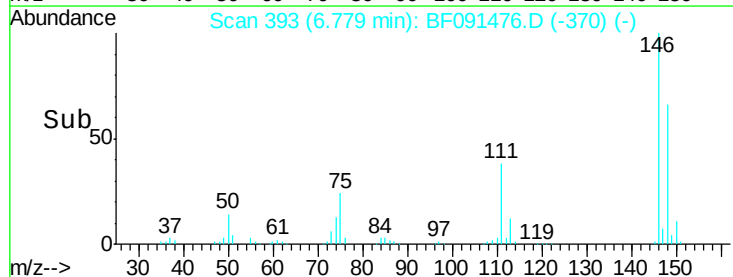
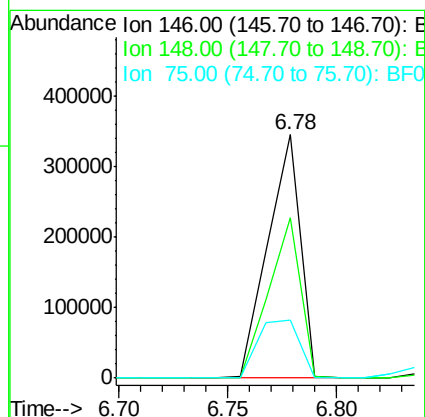
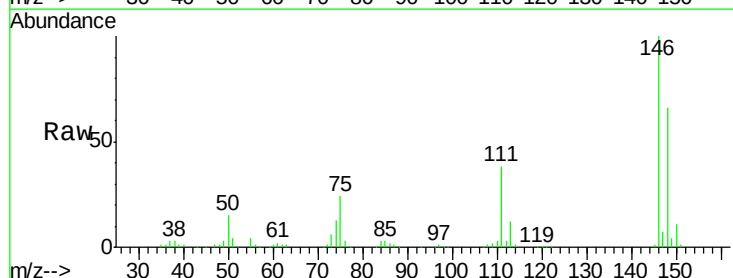
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

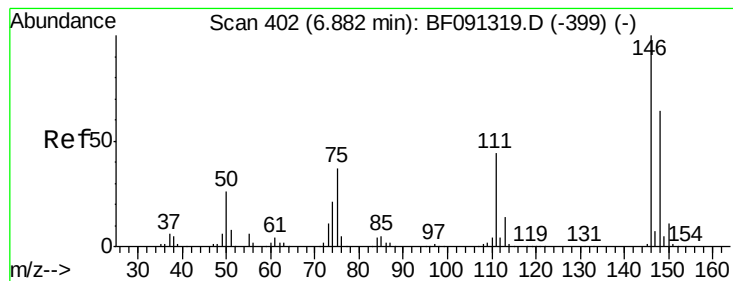
Tgt Ion: 93 Resp: 366416
Ion Ratio Lower Upper
93 100
63 96.1 74.8 114.8
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 31.24 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion: 146 Resp: 363163
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.0
75 23.8 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 29.54 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

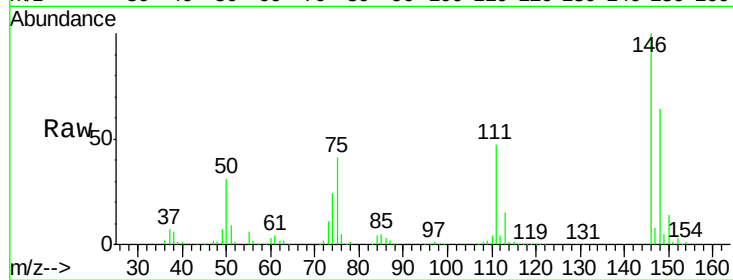
Tgt Ion:146 Resp: 341628

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

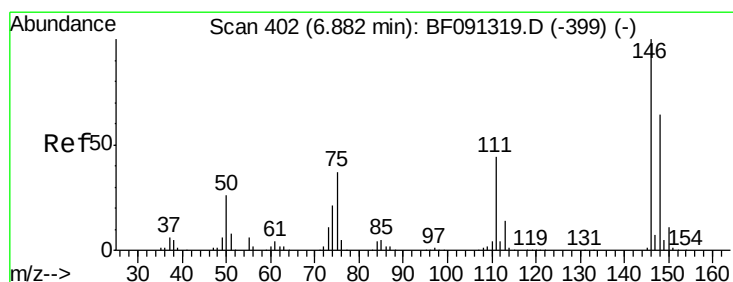
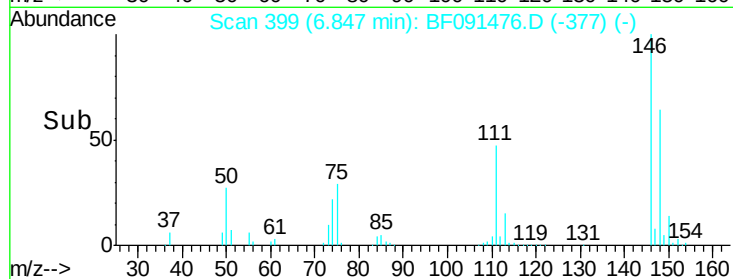
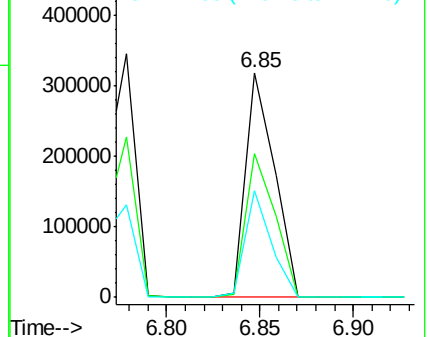
111 47.3 32.2 48.2



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: 34.73 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

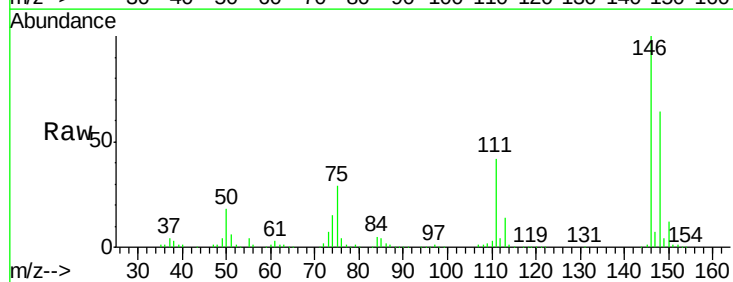
Tgt Ion:146 Resp: 374113

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

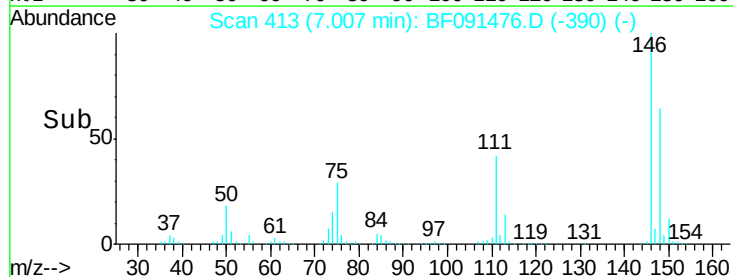
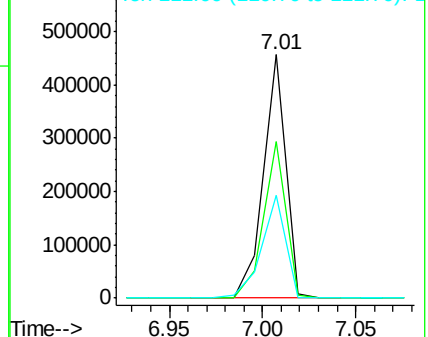
111 42.2 38.9 58.3

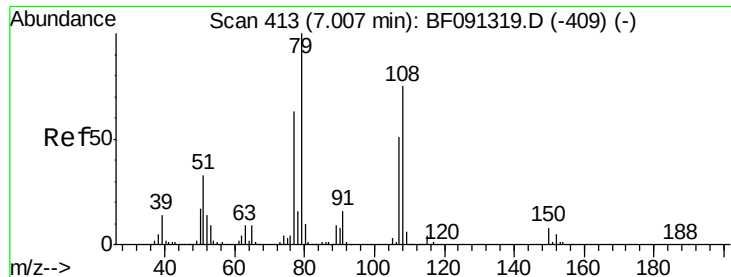


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.09 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

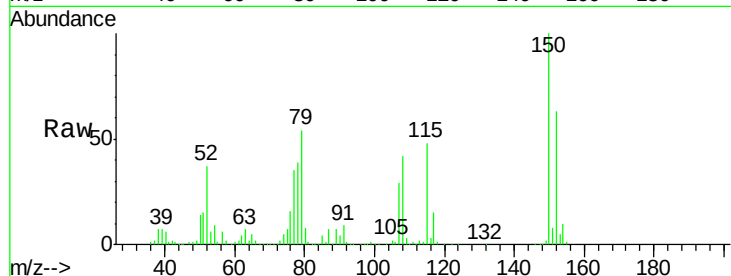
Tgt Ion: 79 Resp: 338887

Ion Ratio Lower Upper

79 100

108 77.9 62.7 94.1

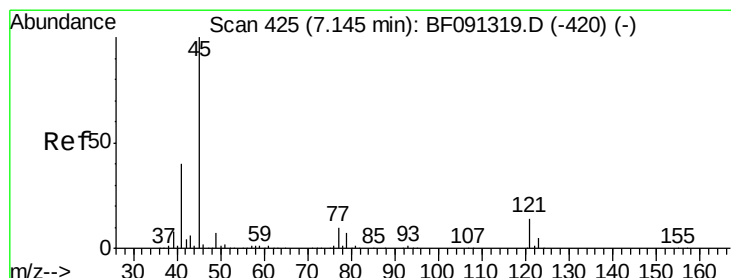
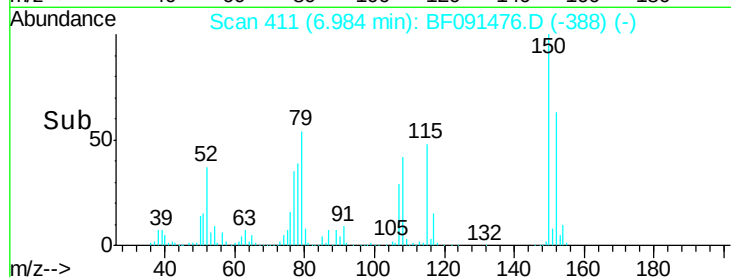
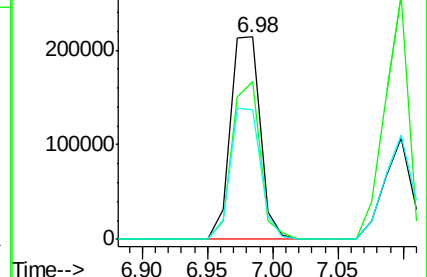
77 64.1 51.7 77.5



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: 33.05 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

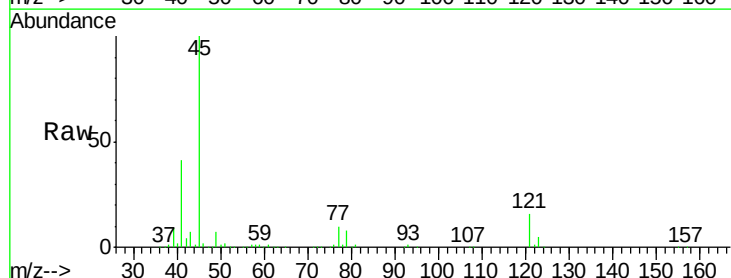
Tgt Ion: 45 Resp: 701082

Ion Ratio Lower Upper

45 100

77 10.2 3.8 43.8

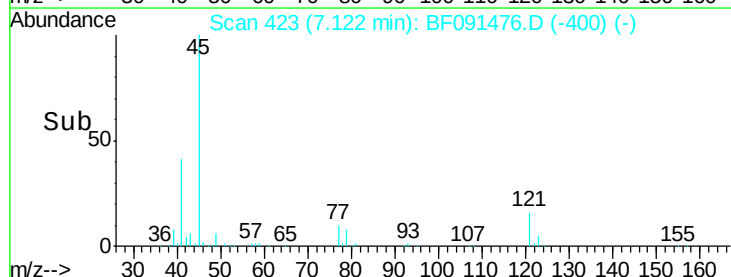
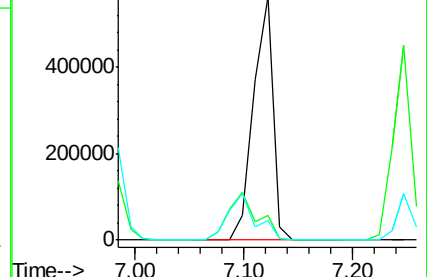
79 8.3 0.2 40.2

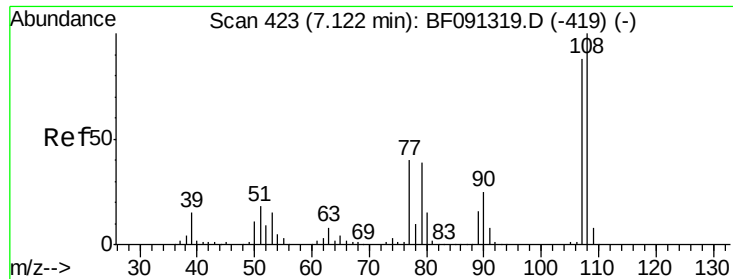


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

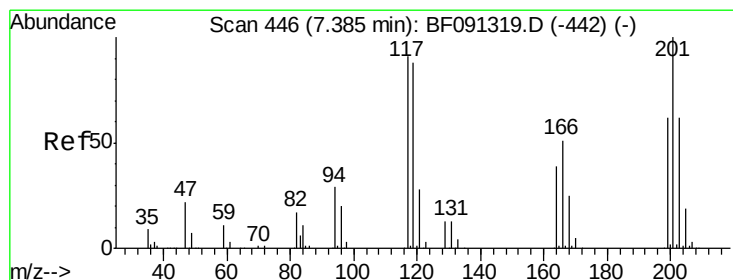
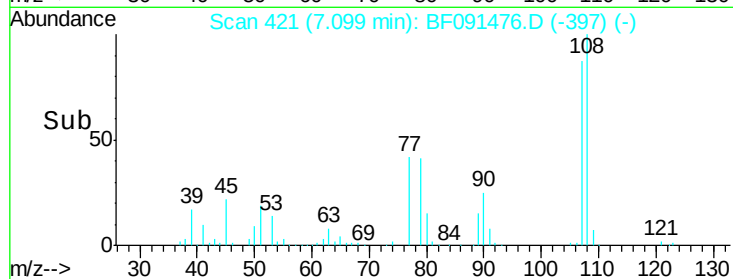
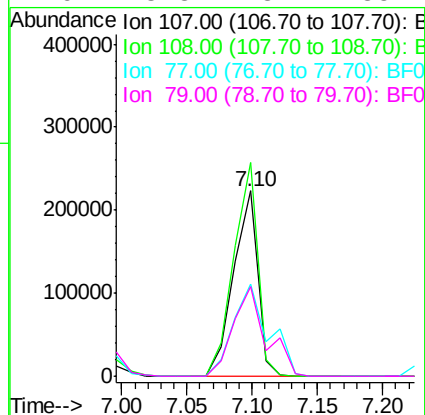
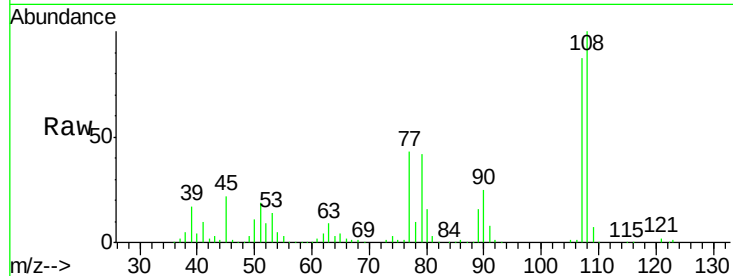




#17
2-Methylphenol
Concen: 34.57 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.03 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

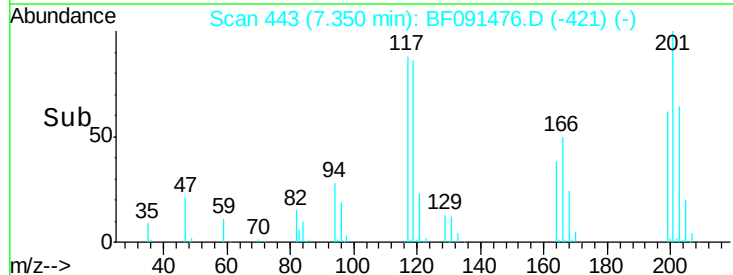
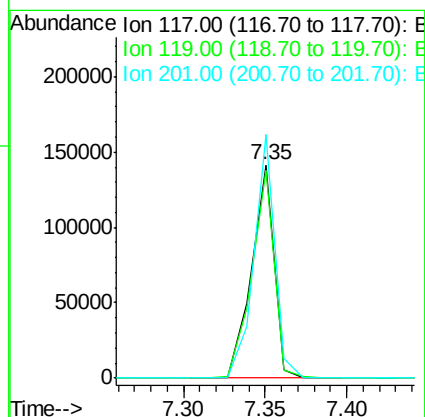
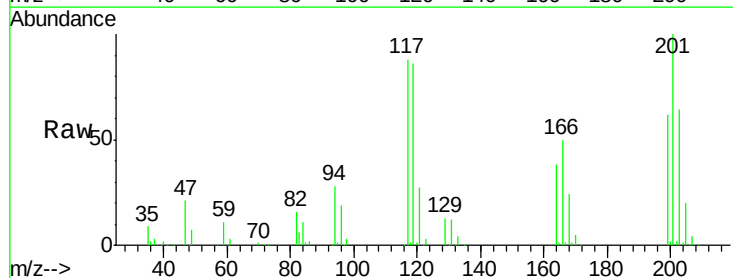
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01MSD

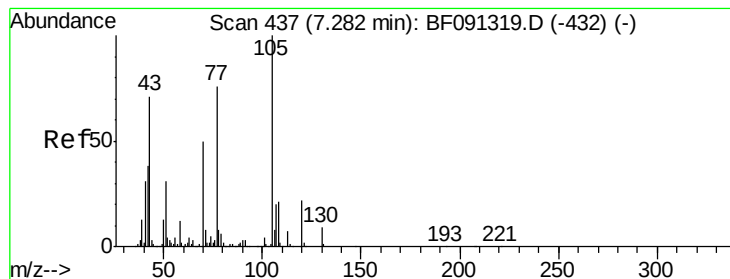
Tgt Ion:107 Resp: 285567
Ion Ratio Lower Upper
107 100
108 115.4 67.7 101.5#
77 49.6 40.7 61.1
79 48.3 23.4 35.2#



#18
Hexachloroethane
Concen: 32.89 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion:117 Resp: 135023
Ion Ratio Lower Upper
117 100
119 97.7 78.6 118.0
201 114.2 86.7 130.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.49 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tgt Ion: 70 Resp: 284496

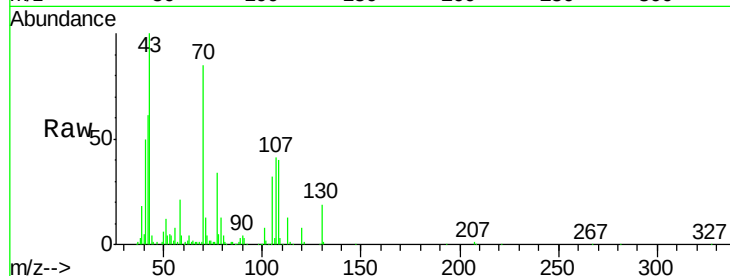
Ion Ratio Lower Upper

70 100

42 72.0 64.8 97.2

101 9.6 6.2 9.4#

130 22.5 11.7 17.5#

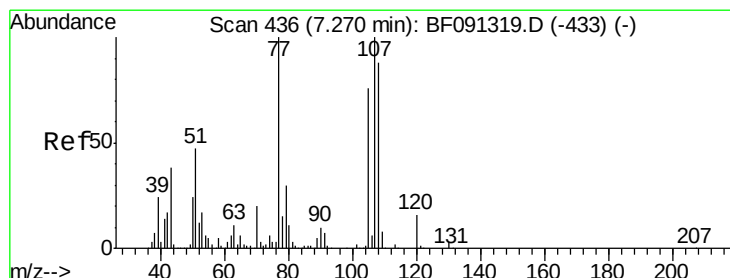
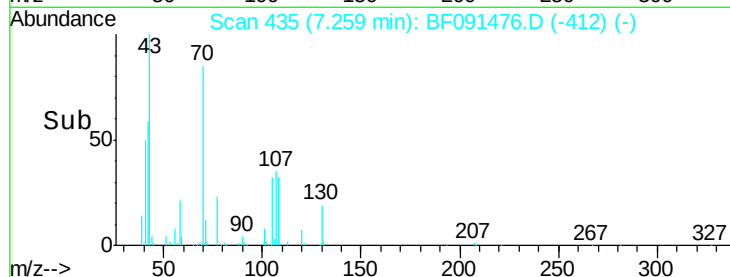
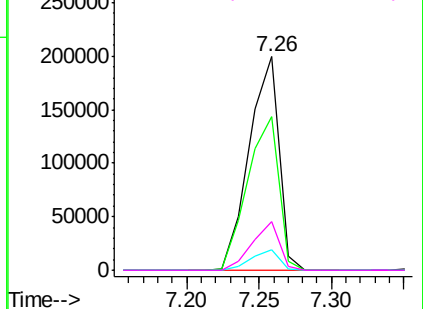


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 34.81 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion: 107 Resp: 351022

Ion Ratio Lower Upper

107 100

108 87.9 64.6 104.6

77 133.9 30.9 70.9#

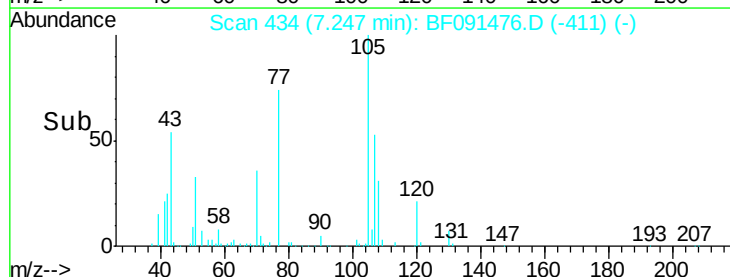
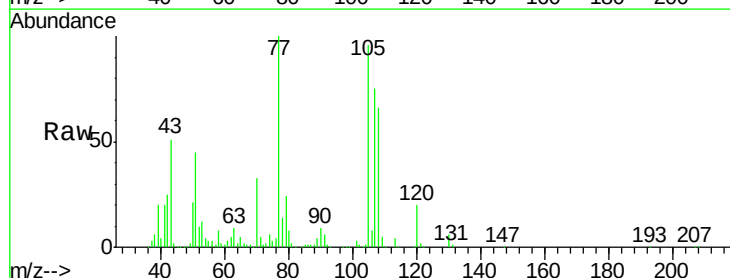
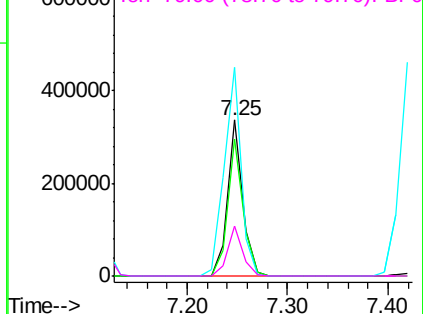
79 32.1 9.3 49.3

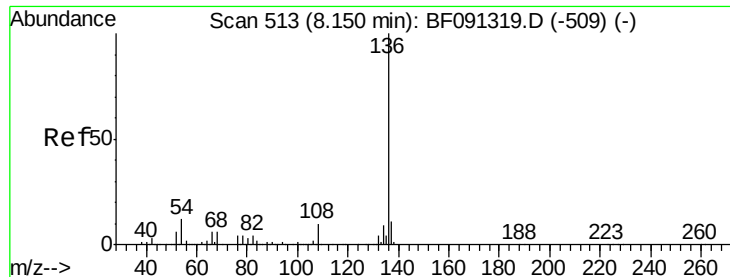
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

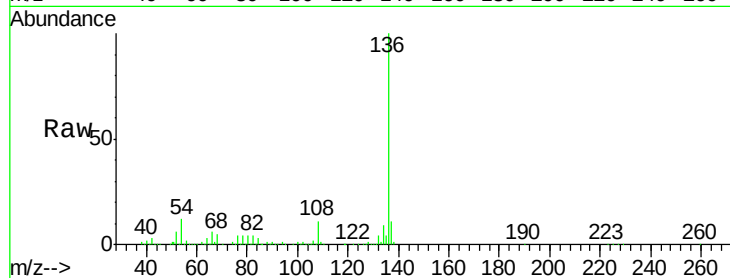
Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tgt Ion:	136	Resp:	598818
Ion Ratio		Lower	Upper
136	100		
137	10.8	9.1	13.7
54	12.0	9.1	13.7
68	5.3	5.9	8.9#



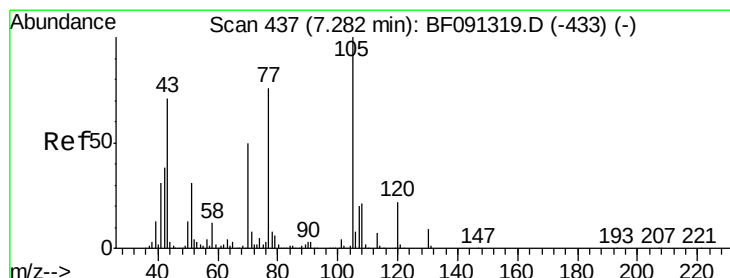
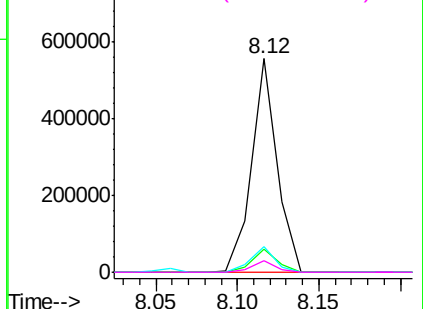
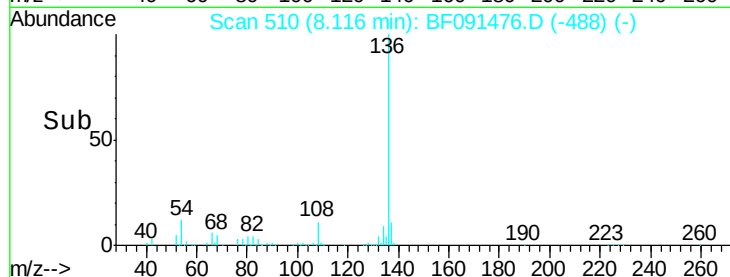
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.10 ng

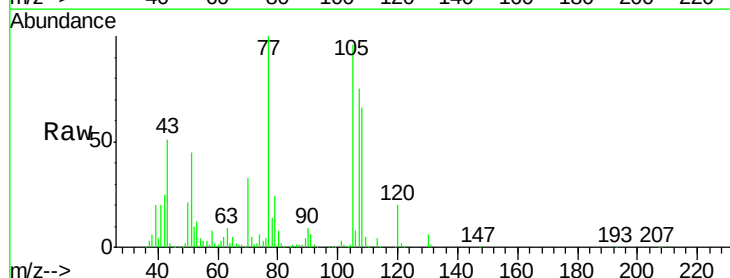
RT: 7.25 min Scan# 434

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	105	Resp:	512334
Ion Ratio		Lower	Upper
105	100		
71	5.4	7.9	11.9#
51	46.6	24.5	36.7#
120	21.2	16.6	24.8



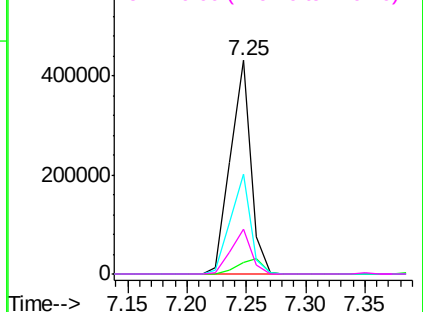
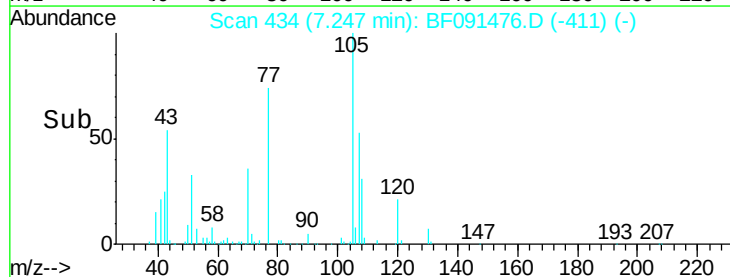
Abundance

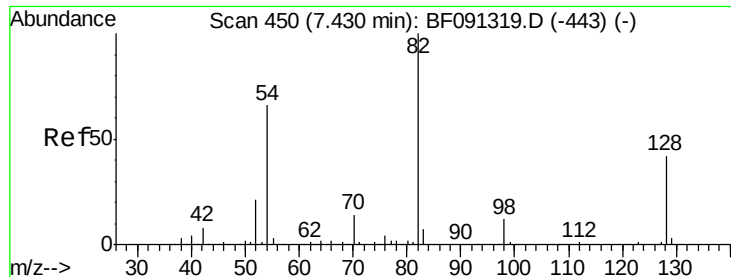
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

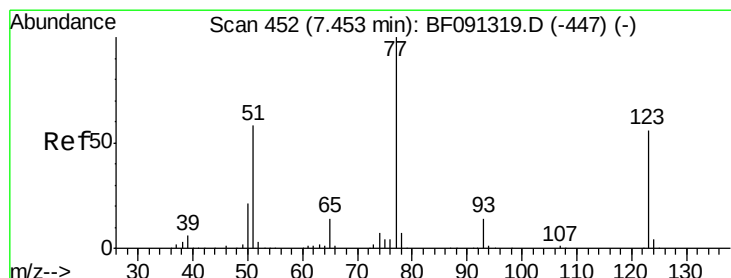
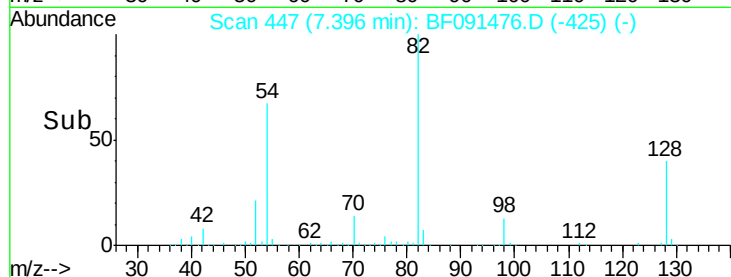
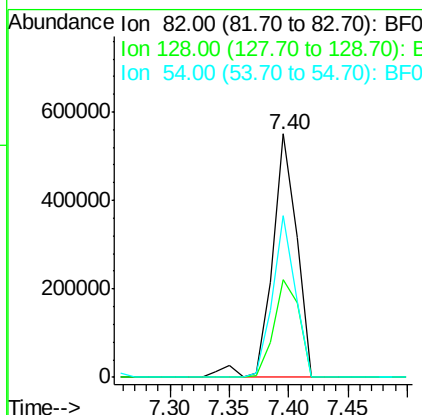
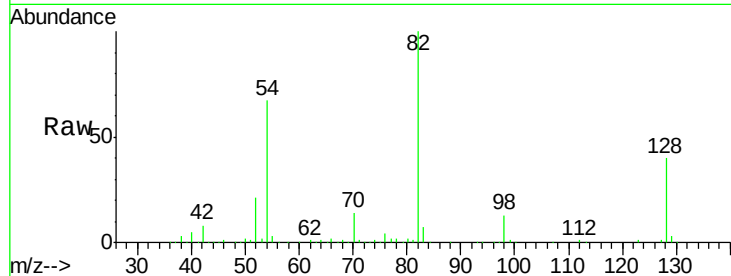




#23
 Nitrobenzene-d5
 Concen: 72.47 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

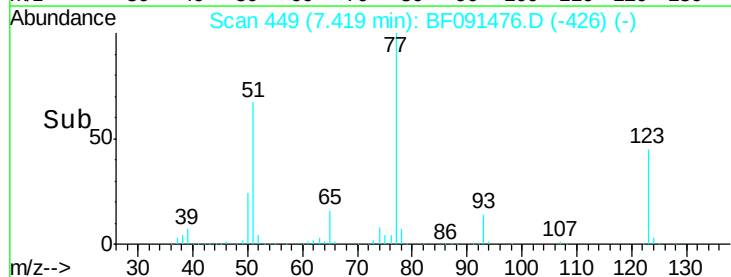
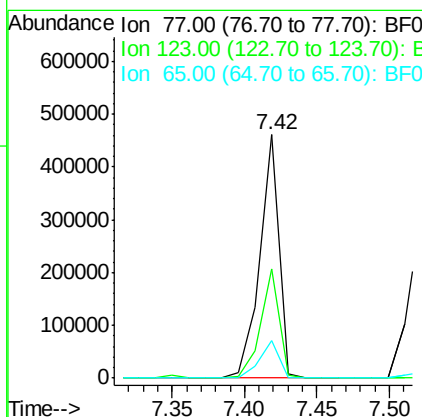
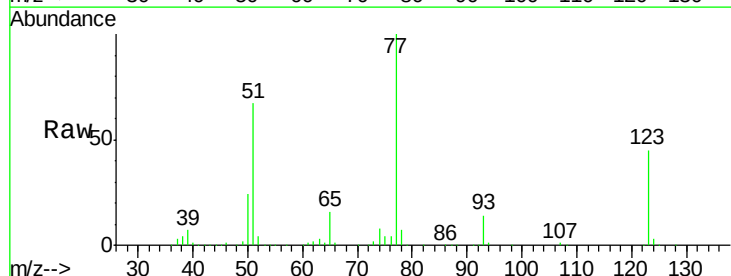
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01MSD

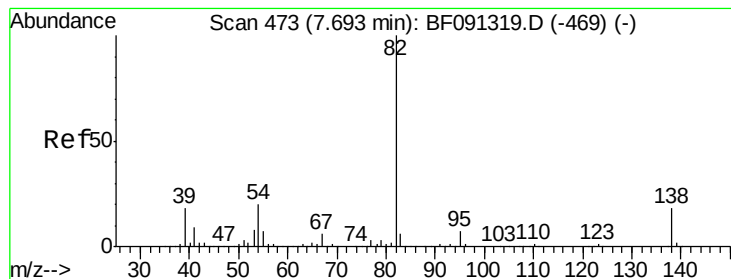
Tgt Ion: 82 Resp: 774409
 Ion Ratio Lower Upper
 82 100
 128 40.4 31.8 47.6
 54 66.6 49.1 73.7



#24
 Nitrobenzene
 Concen: 38.43 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion: 77 Resp: 420459
 Ion Ratio Lower Upper
 77 100
 123 45.1 28.5 42.7#
 65 15.7 12.5 18.7





#25

Isophorone

Concen: 38.09 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

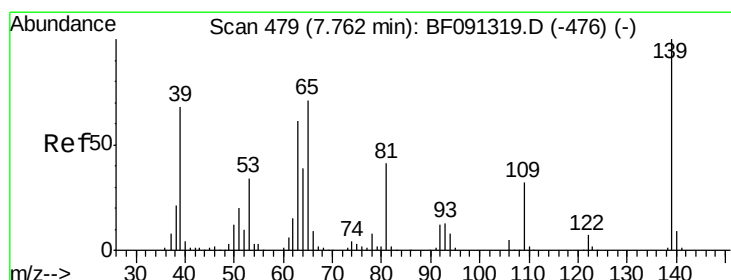
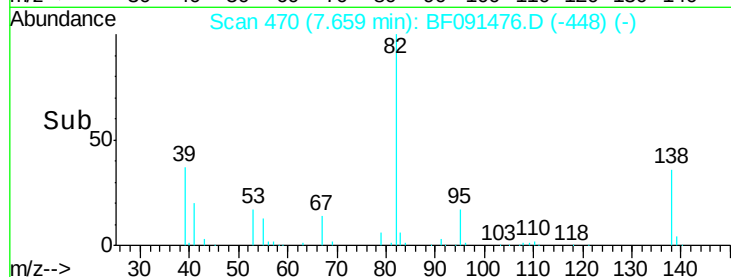
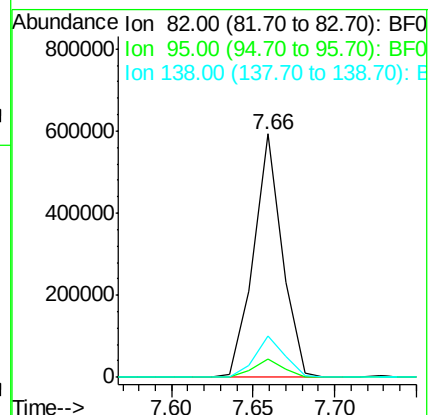
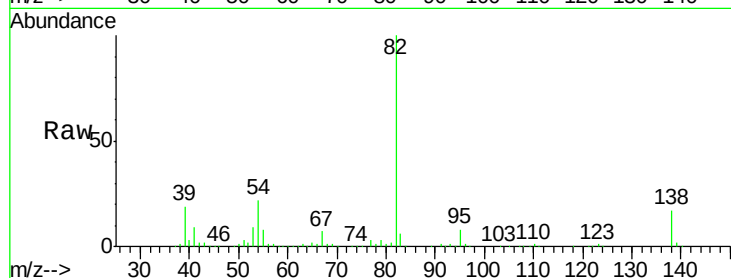
Tgt Ion: 82 Resp: 721133

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

138 16.9 13.4 20.0



#26

2-Nitrophenol

Concen: 38.61 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

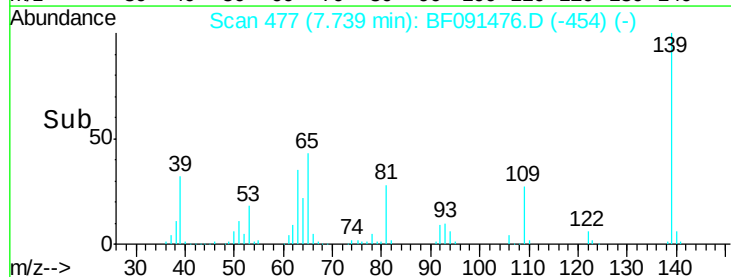
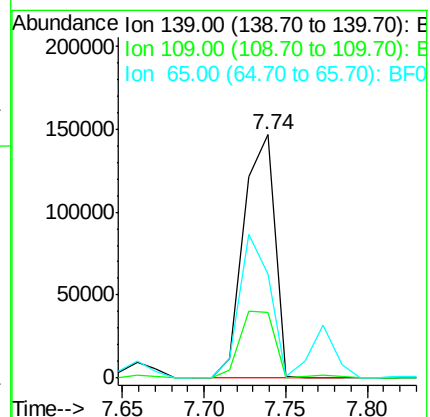
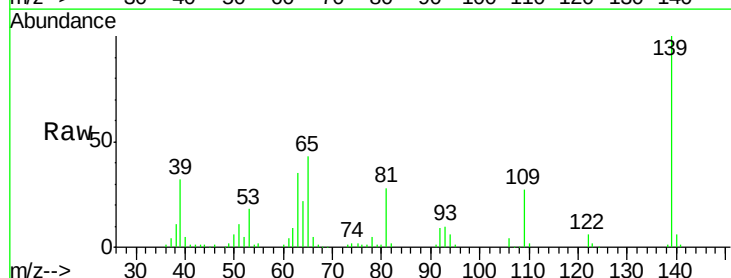
Tgt Ion: 139 Resp: 192480

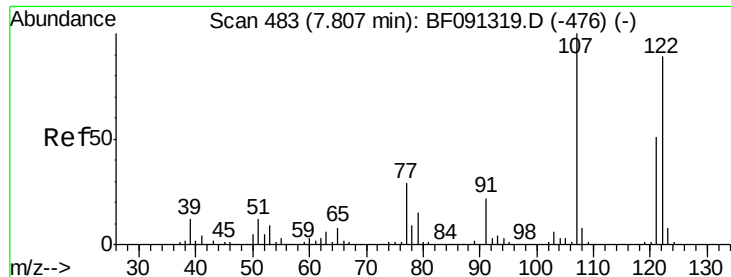
Ion Ratio Lower Upper

139 100

109 26.9 25.3 37.9

65 42.5 55.4 83.2#

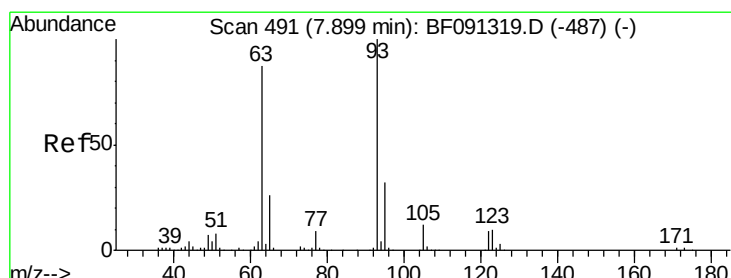
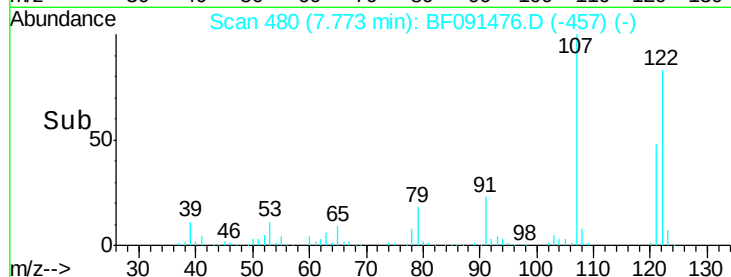
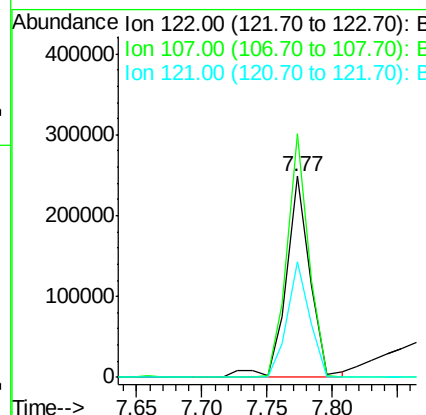
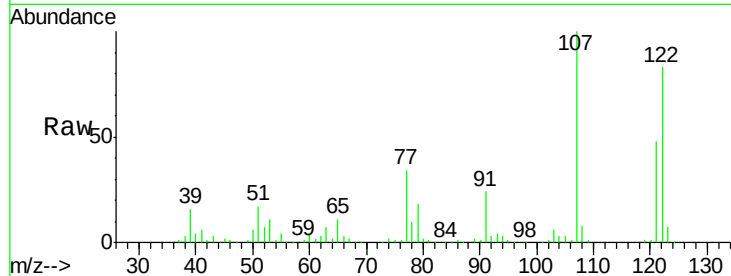




#27
2,4-Dimethylphenol
Concen: 34.33 ng
RT: 7.77 min Scan# 480
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

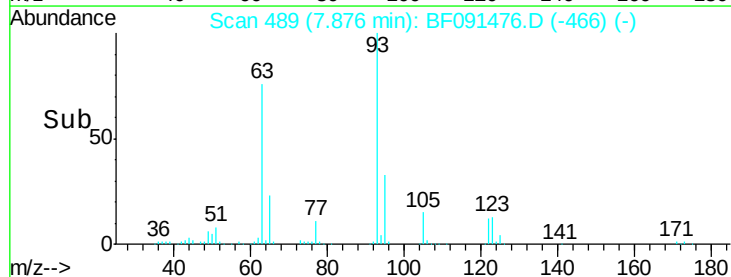
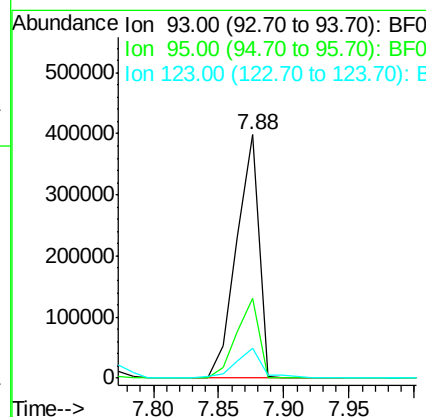
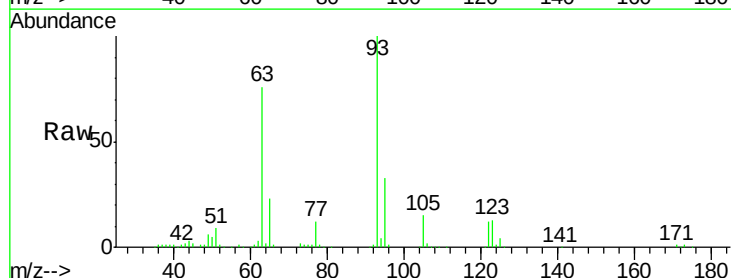
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

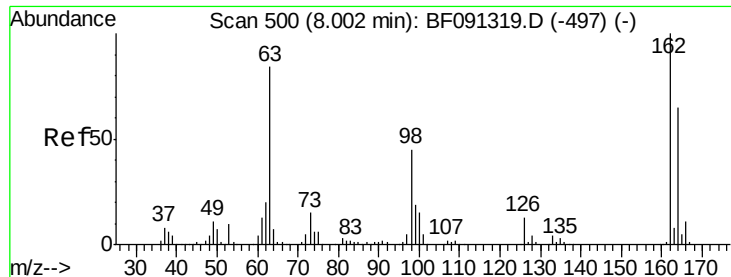
Tgt Ion:122 Resp: 320206
Ion Ratio Lower Upper
122 100
107 121.0 96.8 145.2
121 57.7 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.29 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion: 93 Resp: 470538
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.5 8.6 12.8

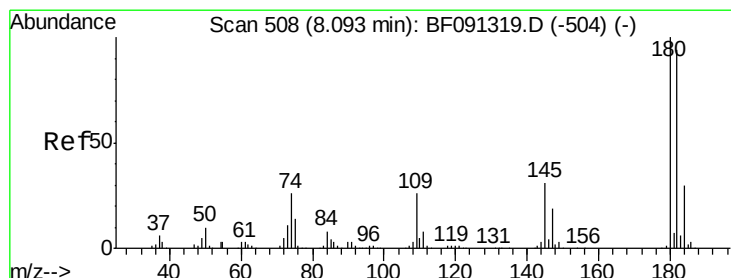
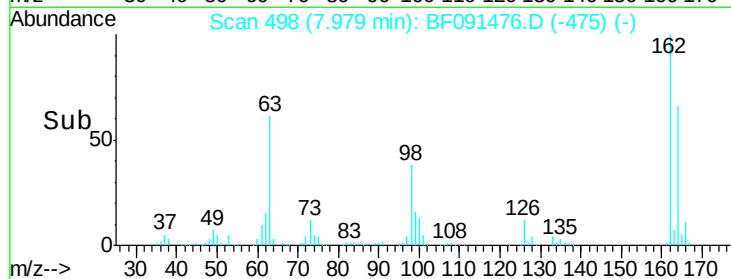
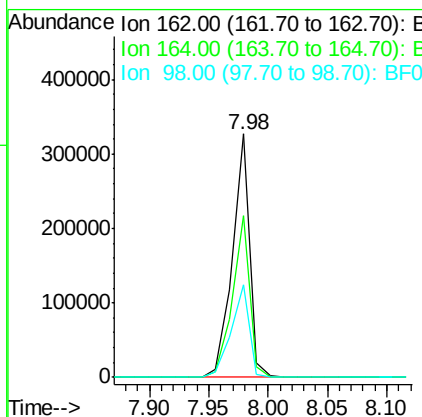
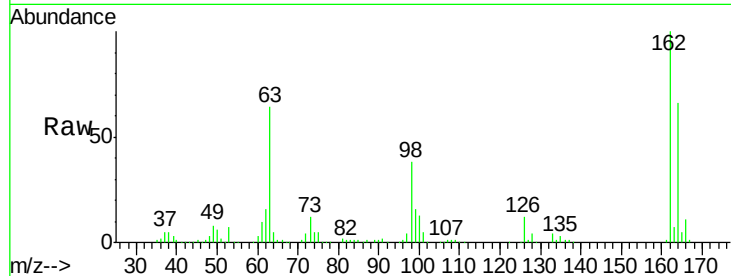




#29
 2,4-Dichlorophenol
 Concen: 40.07 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

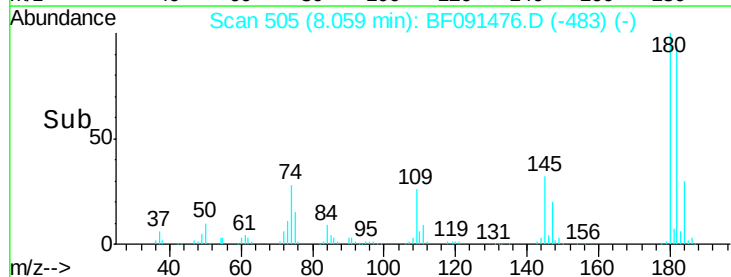
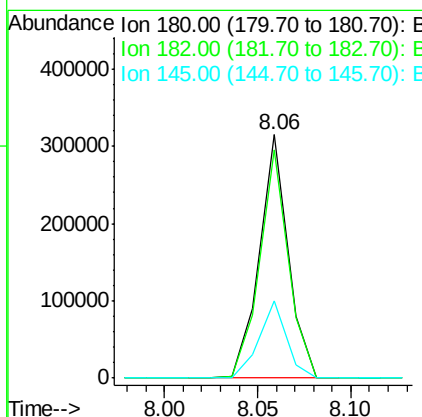
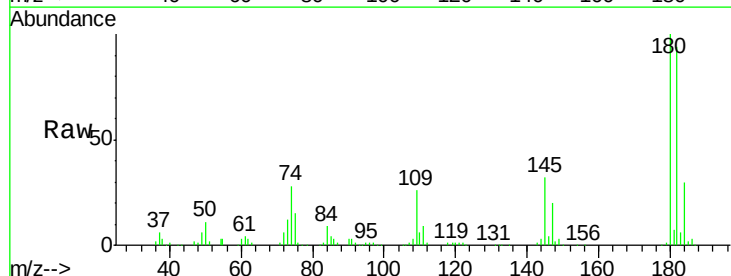
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

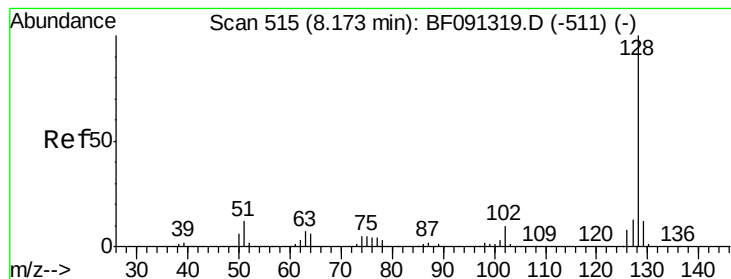
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.0	85.0
98	37.8	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 36.32 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.8
145	31.6	27.0	40.4





#31

Naphthalene

Concen: 35.47 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

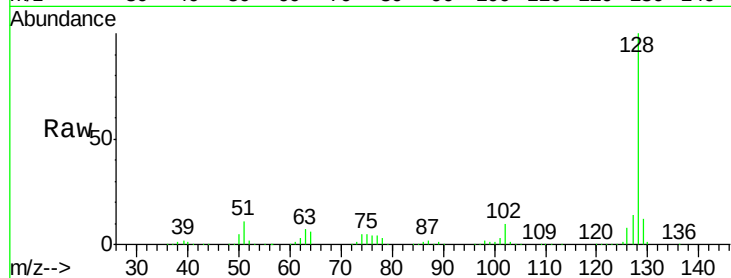
Tgt Ion:128 Resp: 1009482

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

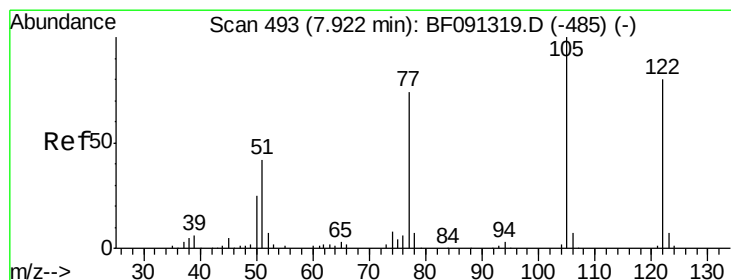
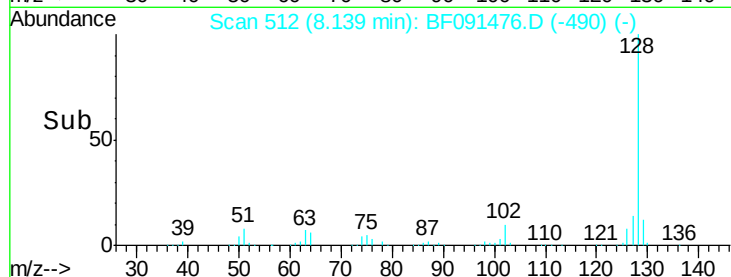
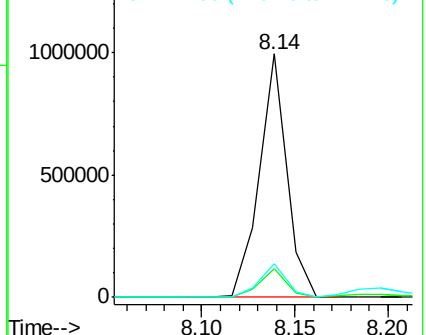
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.76 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

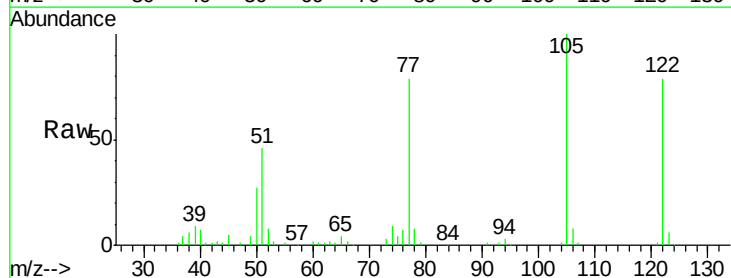
Tgt Ion:122 Resp: 225200

Ion Ratio Lower Upper

122 100

105 127.1 113.0 153.0

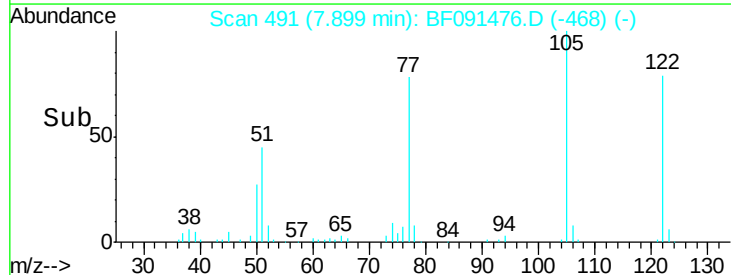
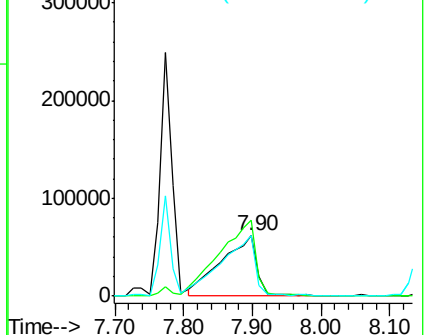
77 101.0 82.0 122.0

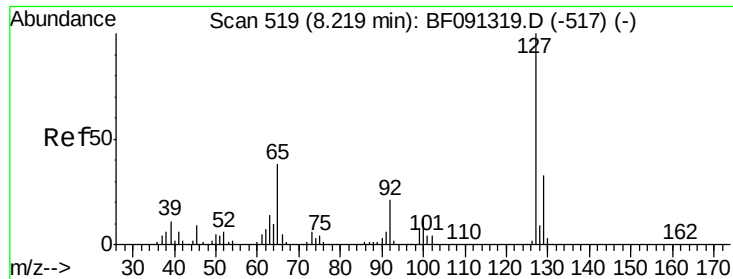


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

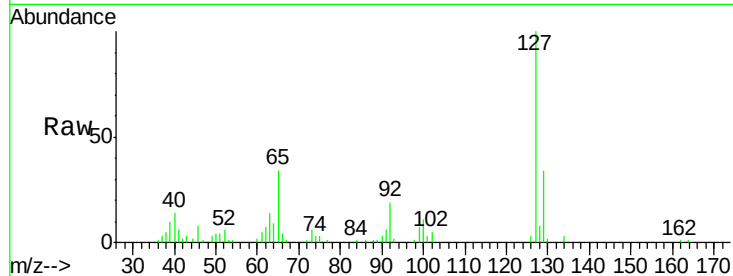




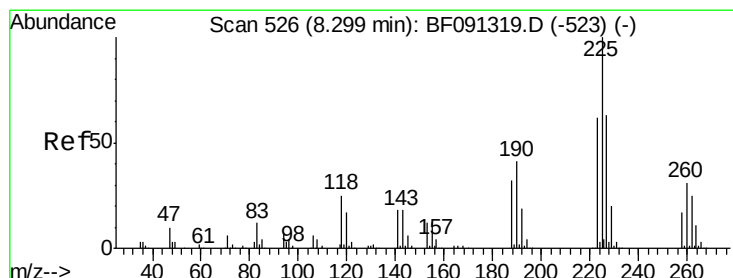
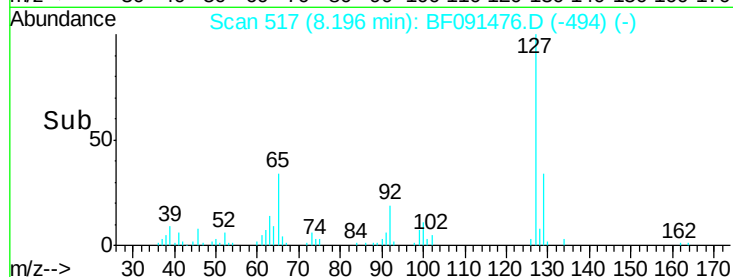
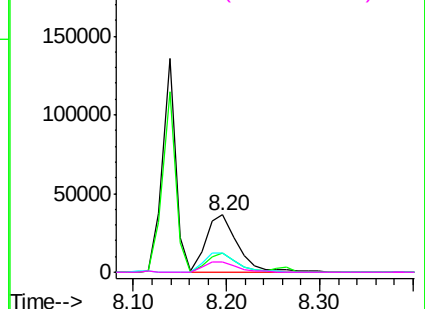
#33
4-Chloroaniline
Concen: 7.05 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

Tgt Ion:	127	Resp:	85733
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.4
65	33.8	26.6	39.8
92	19.0	15.4	23.0

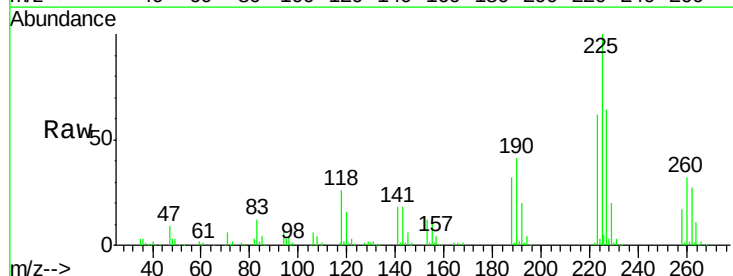


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

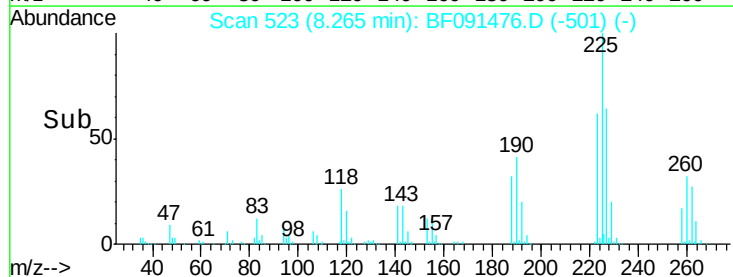
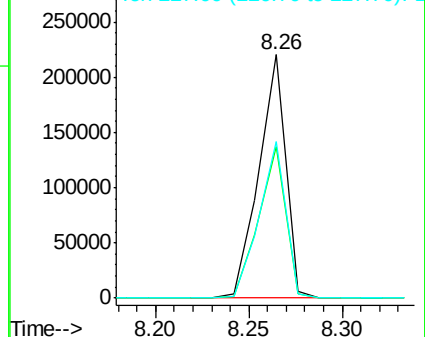


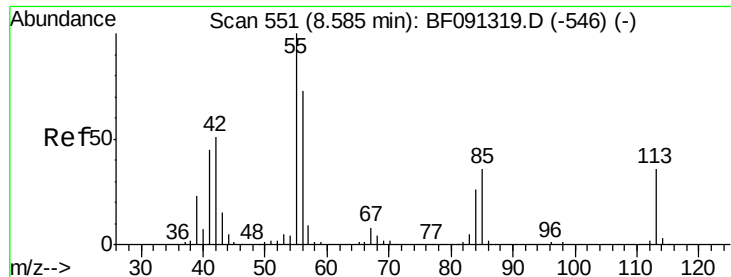
#34
Hexachlorobutadiene
Concen: 38.55 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion:	225	Resp:	218058
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	64.3	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

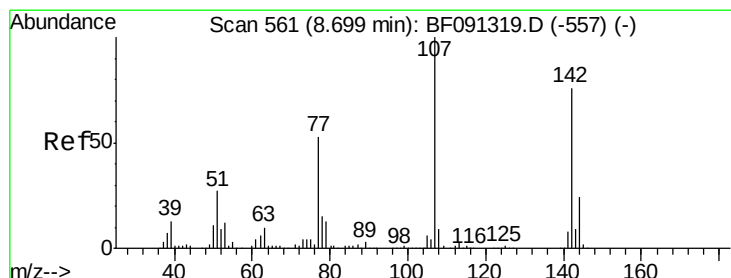
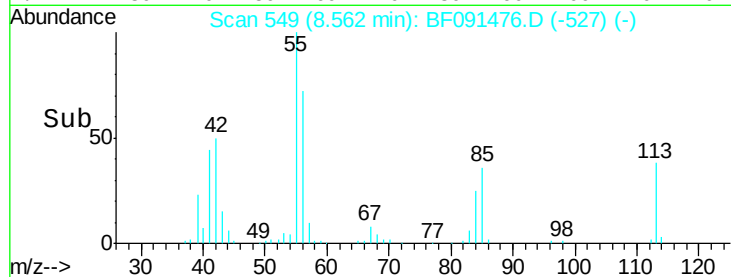
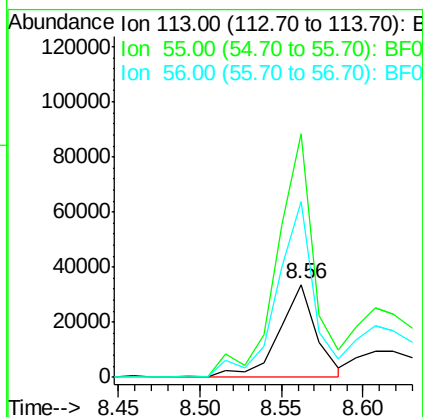
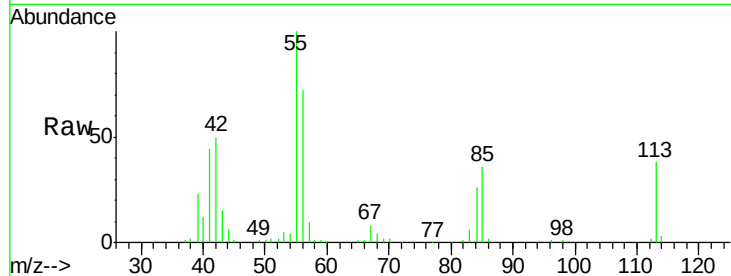




#35
 Caprolactam
 Concen: 22.74 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

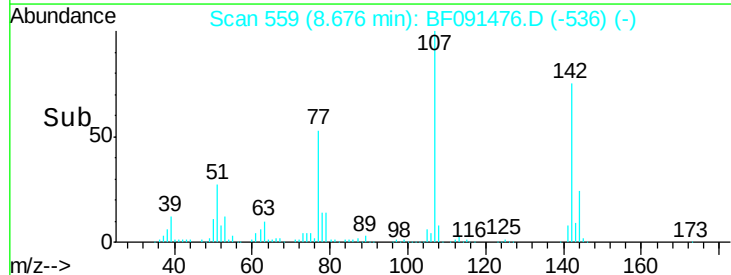
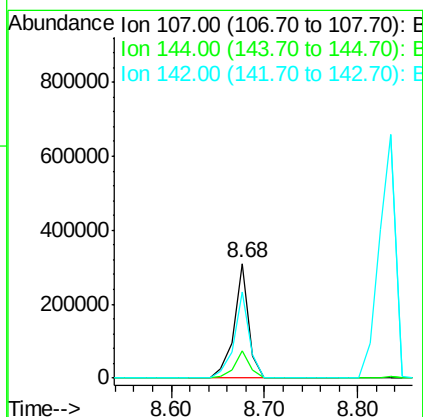
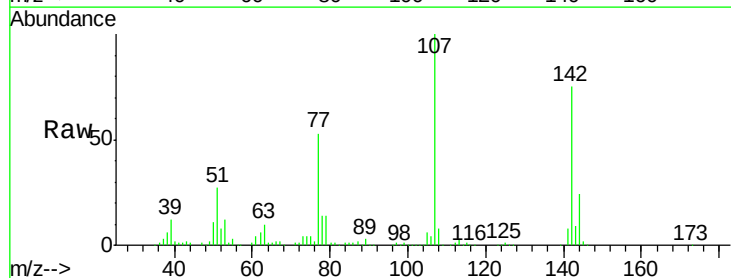
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

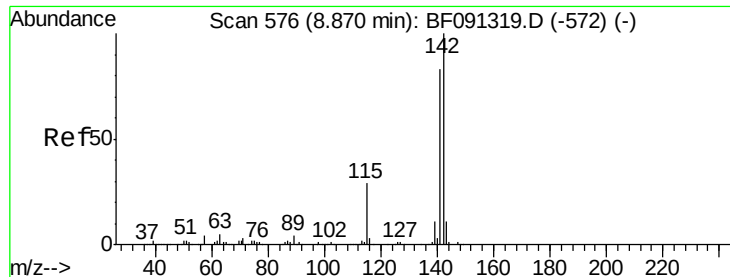
Tgt Ion:113 Resp: 53622
 Ion Ratio Lower Upper
 113 100
 55 262.9 239.8 279.8
 56 190.0 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.37 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:107 Resp: 339856
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.9 28.3
 142 74.9 58.5 87.7

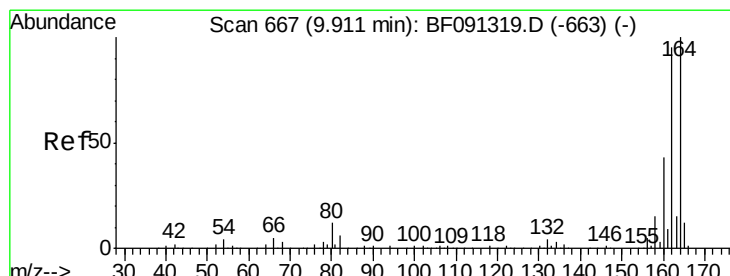
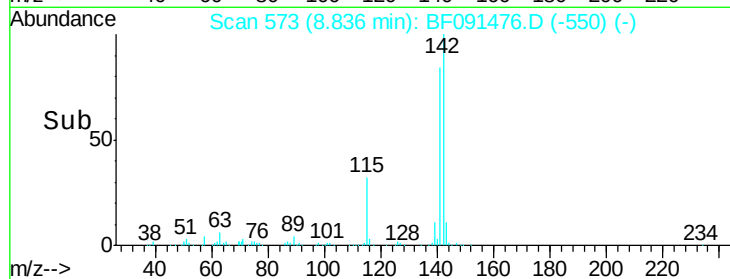
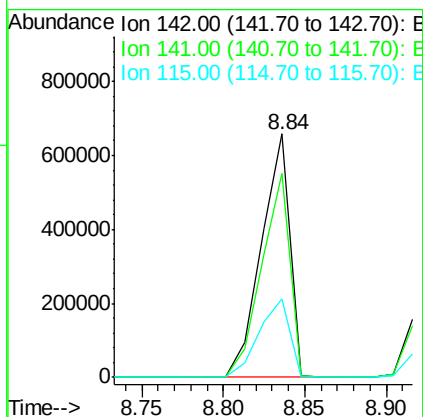
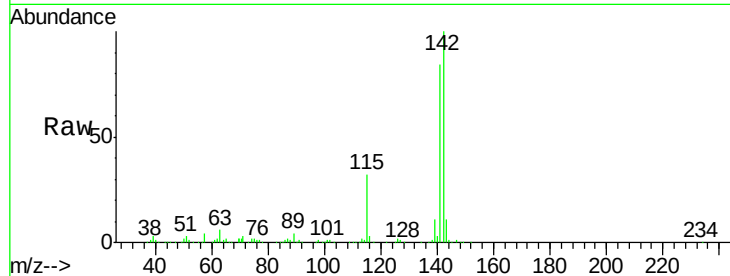




#37
2-Methylnaphthalene
Concen: 41.28 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

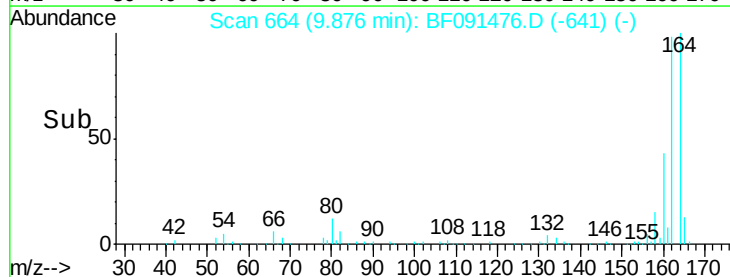
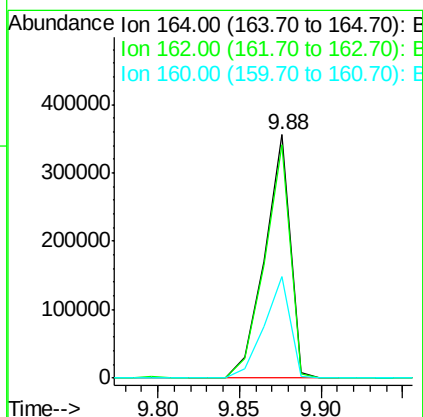
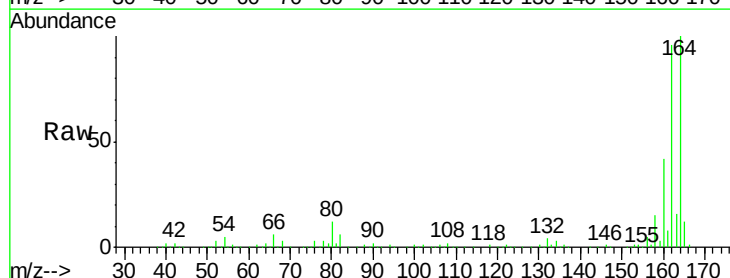
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

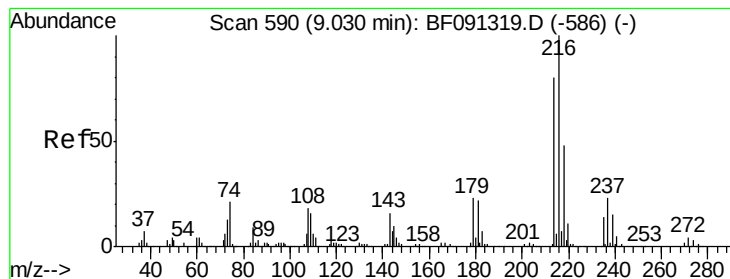
Tgt Ion:142 Resp: 798205
Ion Ratio Lower Upper
142 100
141 83.9 71.7 107.5
115 32.3 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion:164 Resp: 388368
Ion Ratio Lower Upper
164 100
162 95.7 82.6 124.0
160 41.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.36 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tgt Ion:216 Resp: 343333

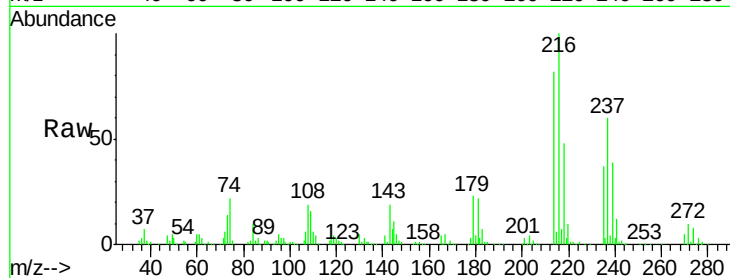
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.8

179 21.8 18.2 27.2

108 20.0 17.2 25.8

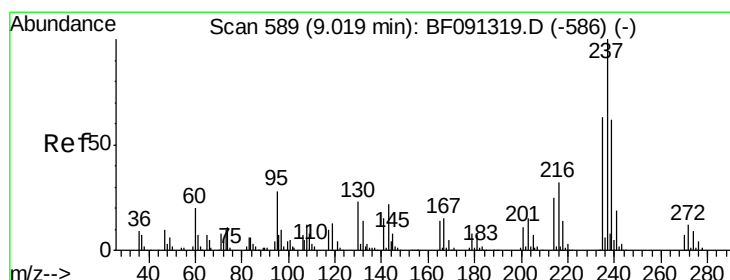
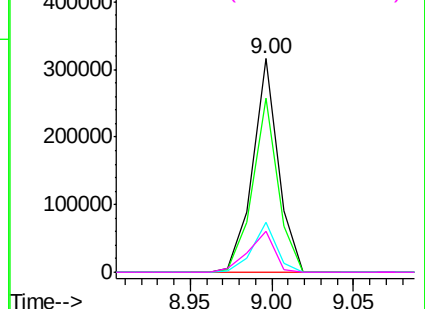
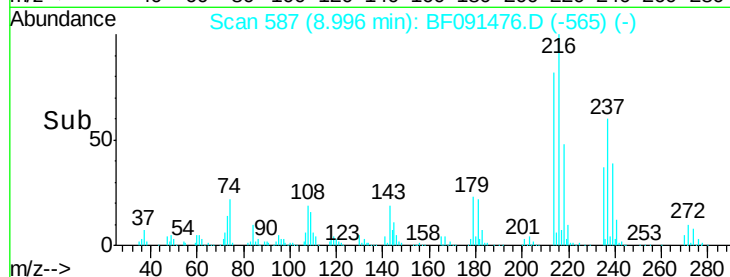


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.26 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

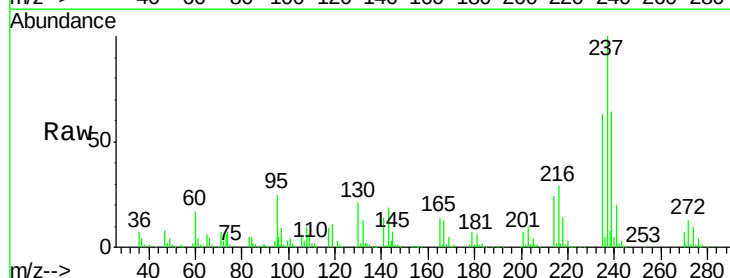
Tgt Ion:237 Resp: 392108

Ion Ratio Lower Upper

237 100

235 63.1 43.9 83.9

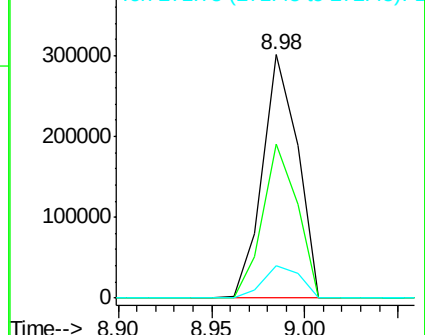
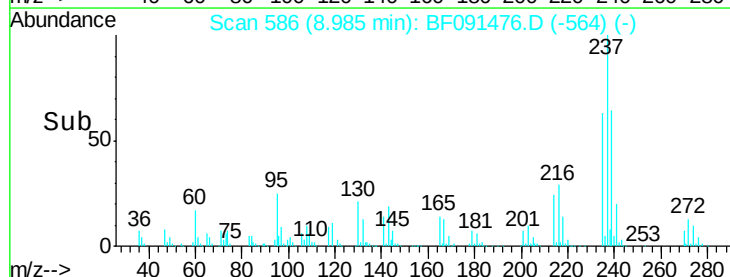
272 13.1 0.0 33.1

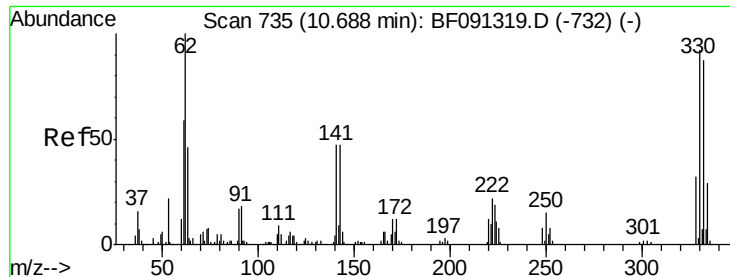


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

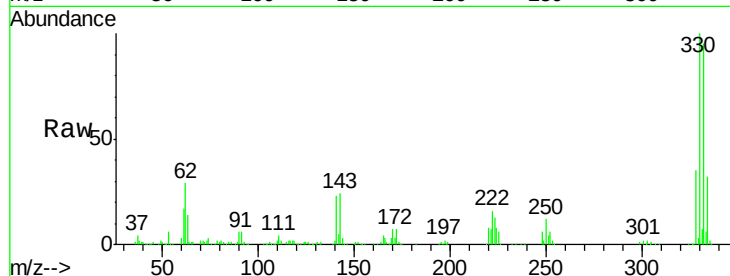




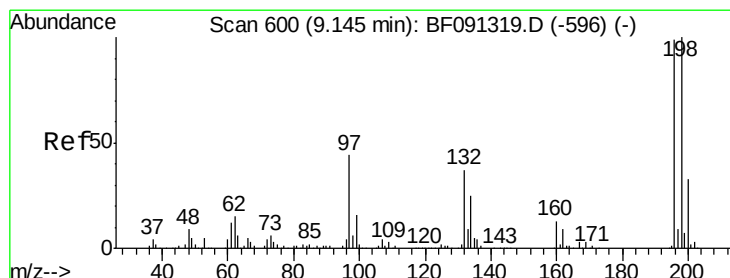
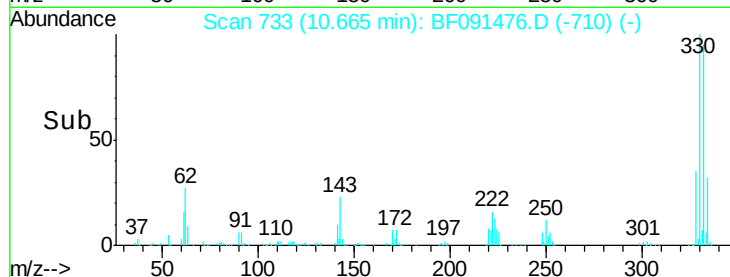
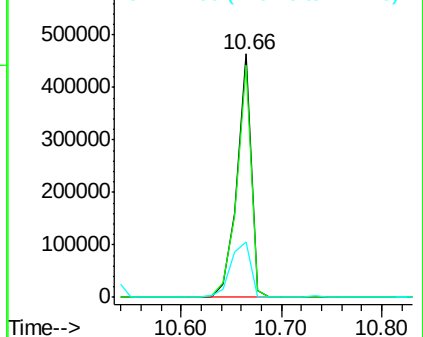
#41
 2,4,6-Tribromophenol
 Concen: 124.27 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Tgt Ion:330 Resp: 456923
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 31.8 33.6 50.4#

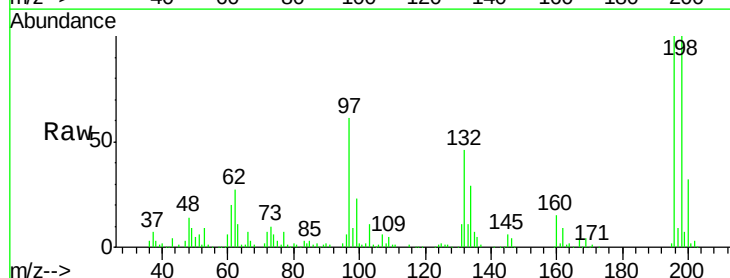


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

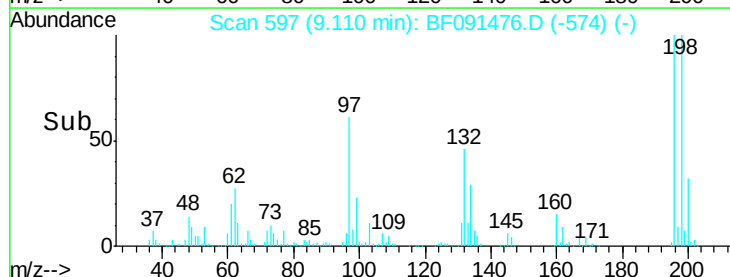
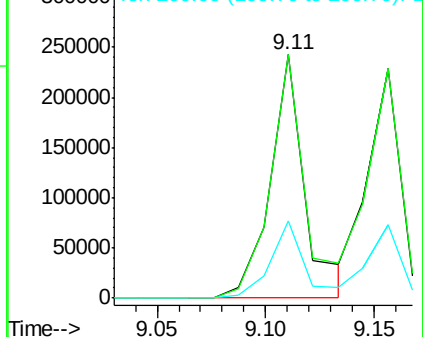


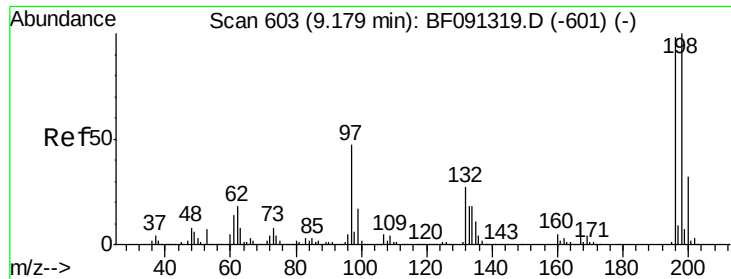
#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:196 Resp: 270769
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.4 116.0
 200 31.7 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

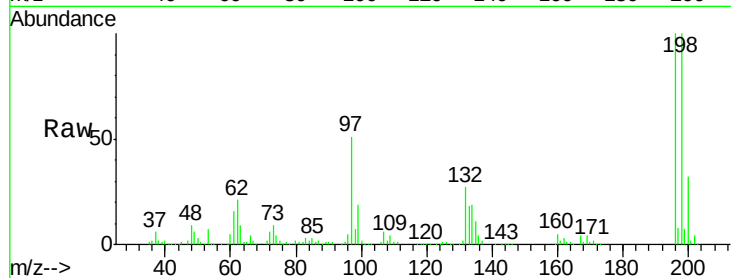




#43
 2,4,5-Trichlorophenol
 Concen: 33.67 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.0	115.6
97	51.2	33.5	50.3
132	27.3	20.5	30.7



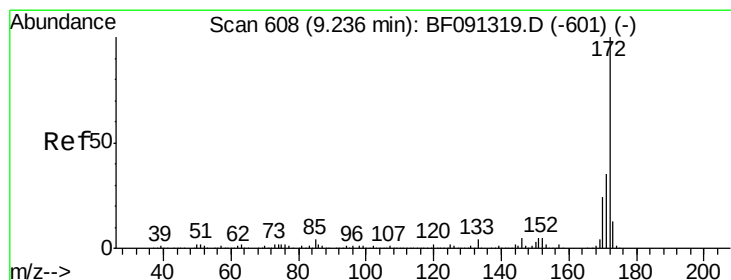
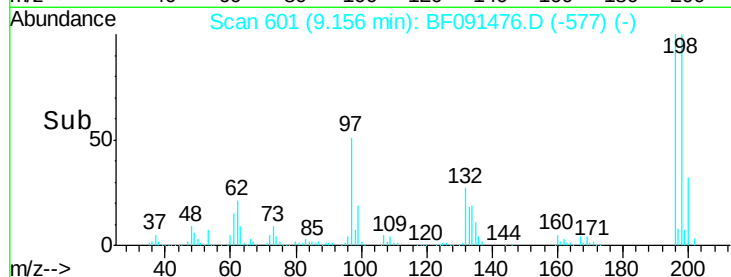
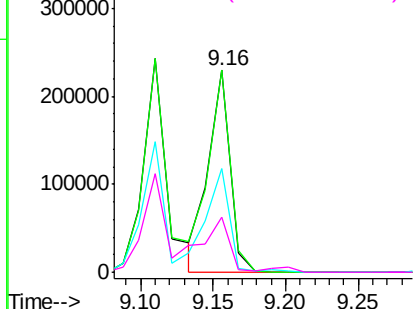
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

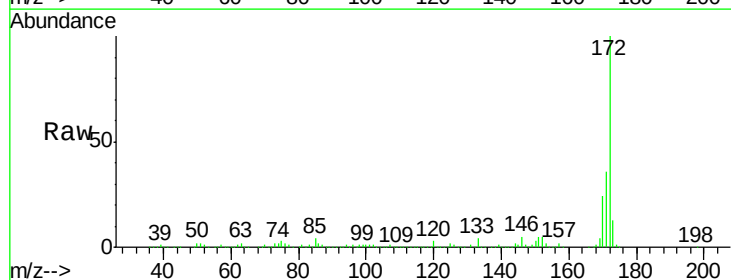
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.52 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.7	19.7	29.5

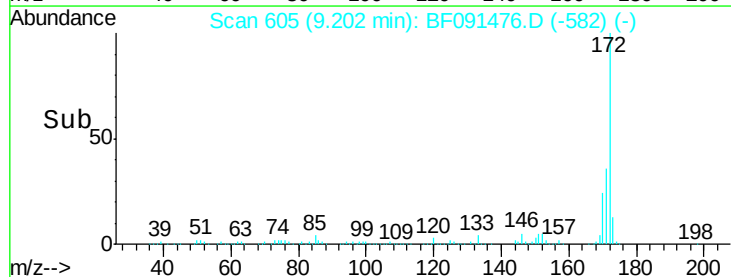
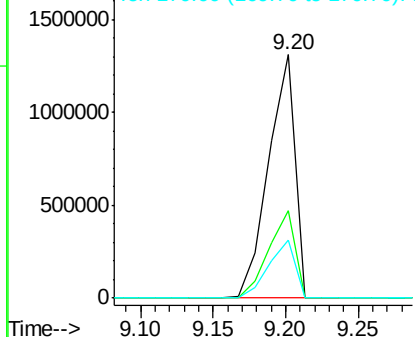


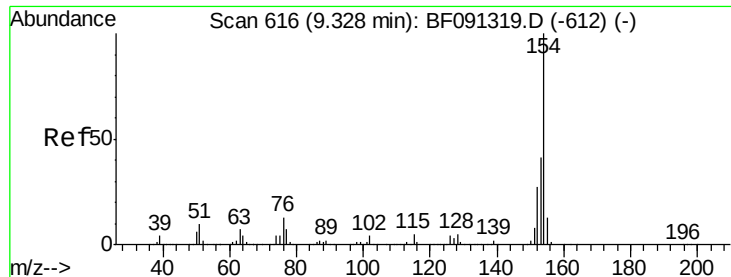
Abundance

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: 31.83 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

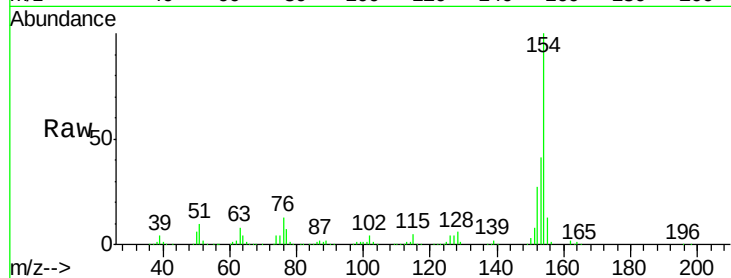
Tgt Ion:154 Resp: 889024

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

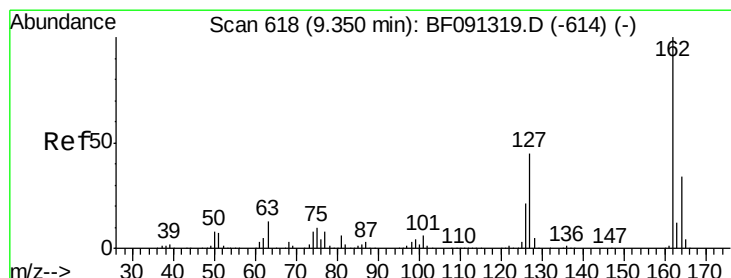
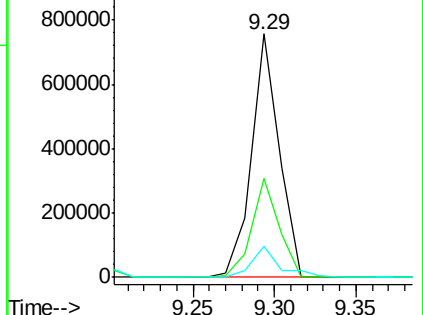
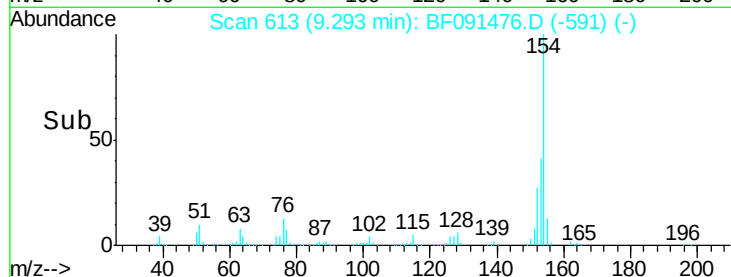
76 12.7 0.0 36.6



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: 32.12 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

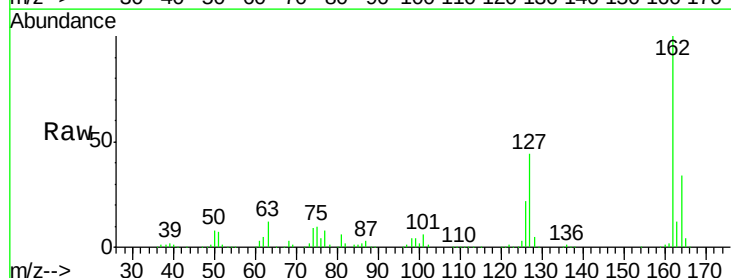
Tgt Ion:162 Resp: 667993

Ion Ratio Lower Upper

162 100

127 44.3 34.3 51.5

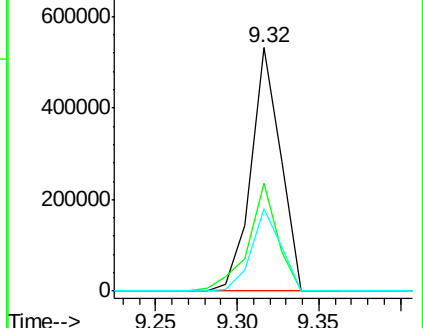
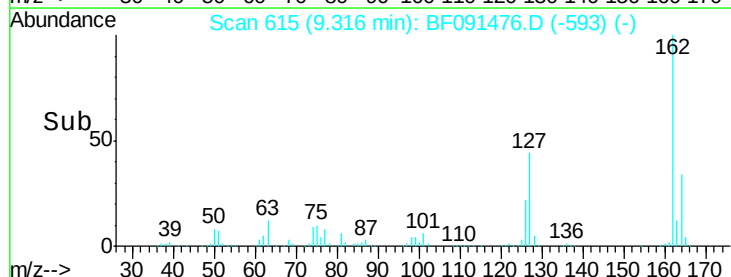
164 34.1 26.6 40.0

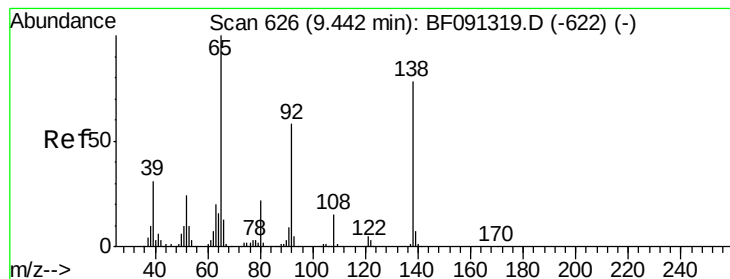


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.75 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01MSD

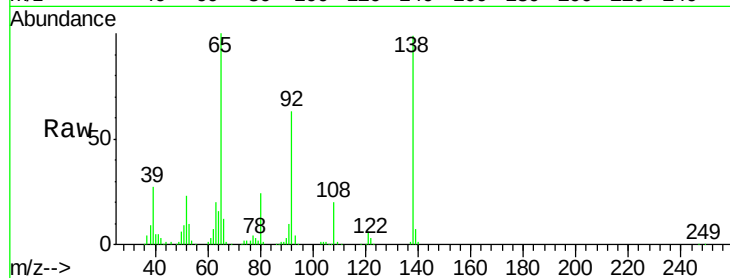
Tgt Ion: 65 Resp: 281943

Ion Ratio Lower Upper

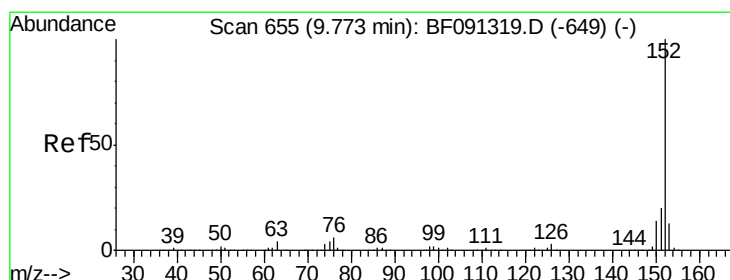
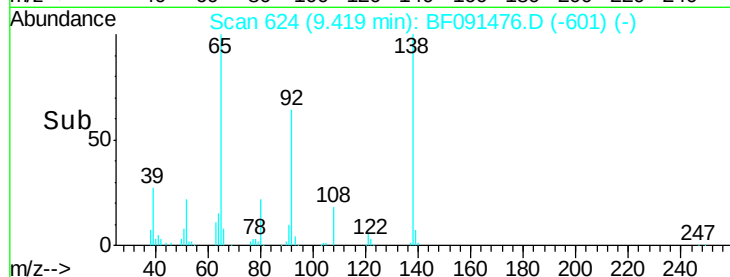
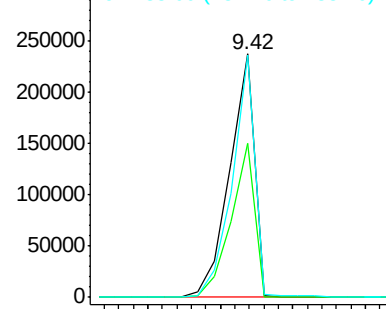
65 100

92 63.3 53.6 80.4

138 99.5 91.0 136.6



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



#48

Acenaphthylene

Concen: 35.41 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

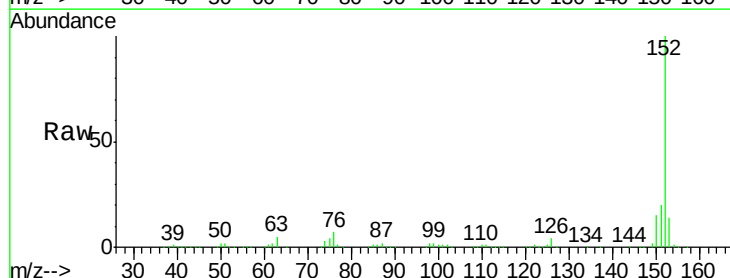
Tgt Ion: 152 Resp: 1159152

Ion Ratio Lower Upper

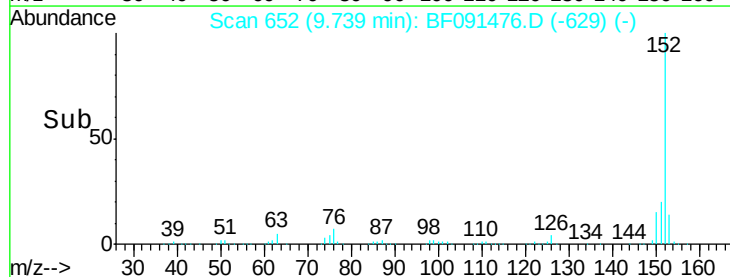
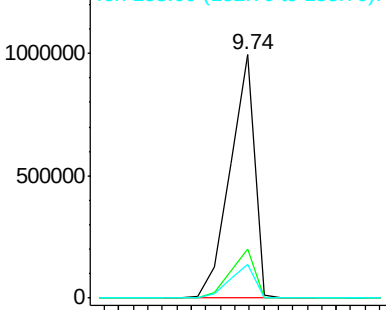
152 100

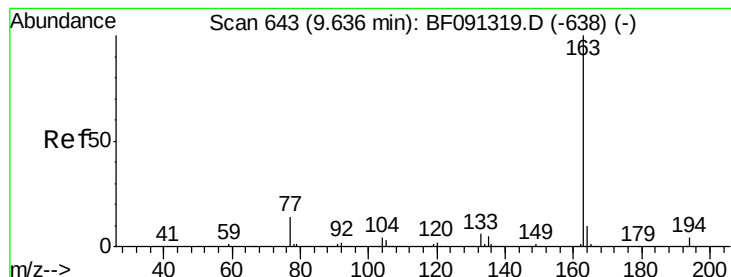
151 20.4 16.6 24.8

153 13.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 35.40 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

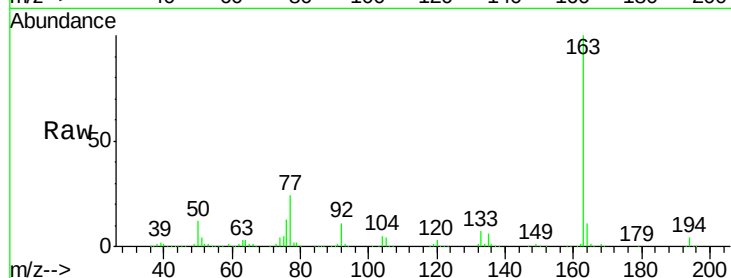
Tgt Ion:163 Resp: 832379

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

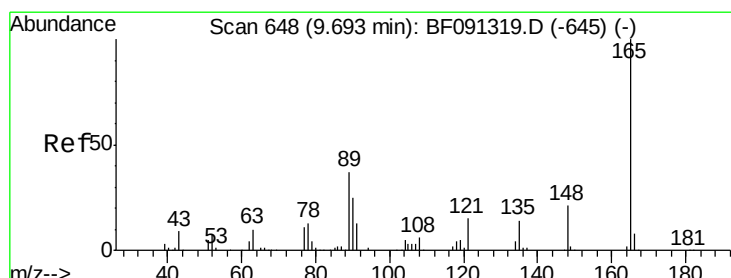
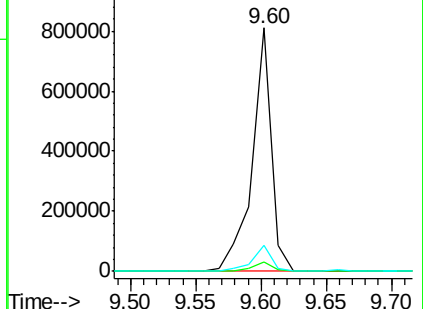
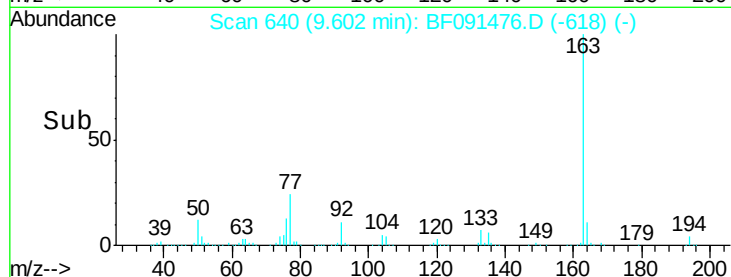
164 10.9 7.8 11.8



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: 36.86 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

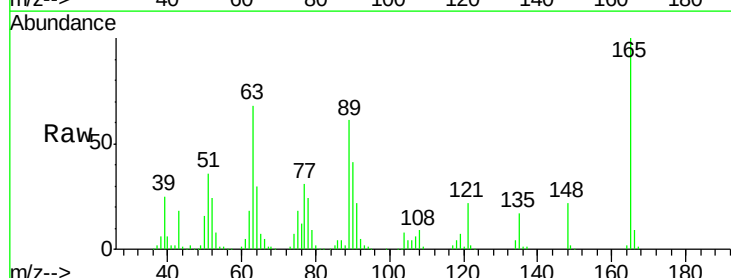
Tgt Ion:165 Resp: 193737

Ion Ratio Lower Upper

165 100

63 68.1 59.4 89.0

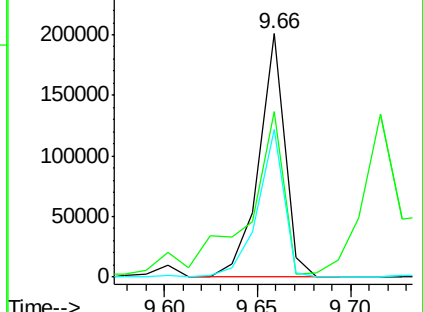
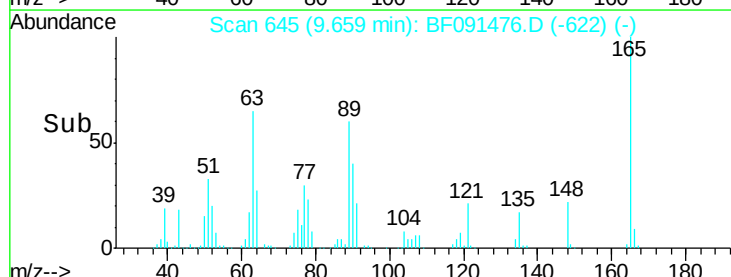
89 60.6 50.8 76.2

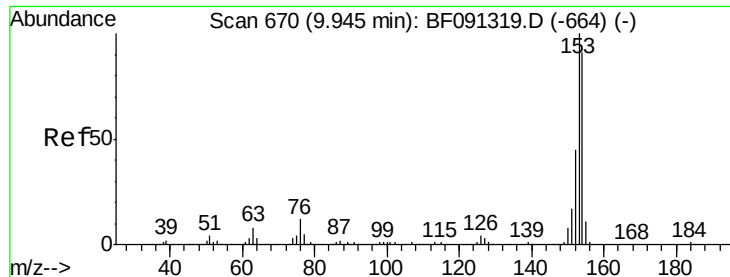


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.93 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

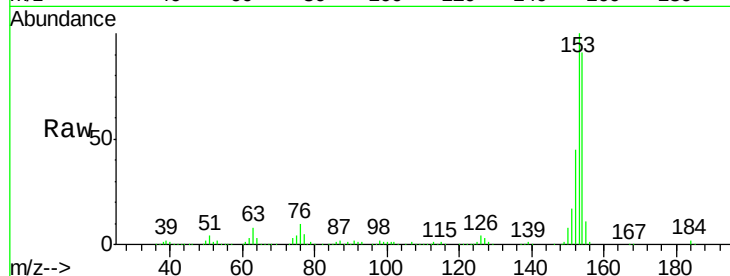
Tgt Ion:154 Resp: 903756

Ion Ratio Lower Upper

154 100

153 109.9 91.0 136.6

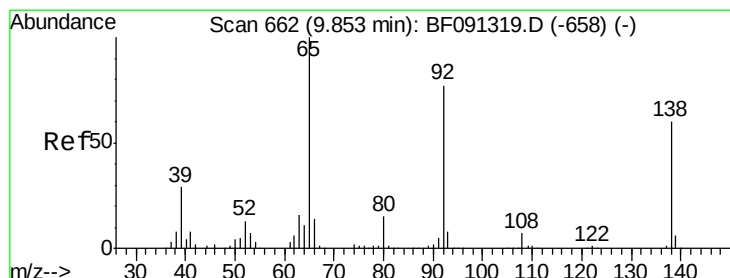
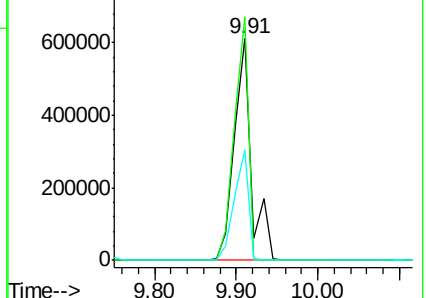
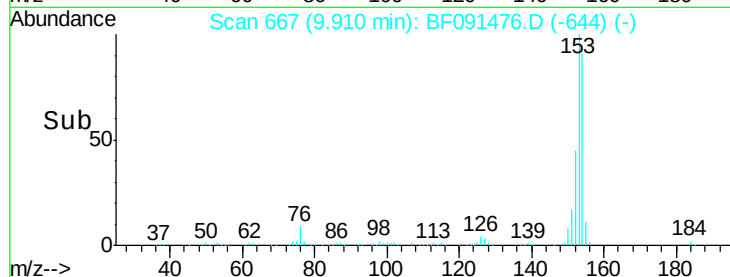
152 49.8 44.2 66.2



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: 12.33 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

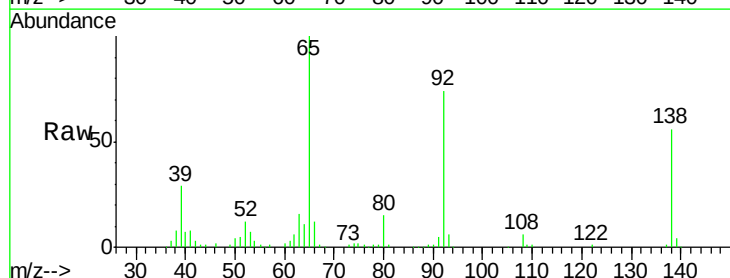
Tgt Ion:138 Resp: 75034

Ion Ratio Lower Upper

138 100

108 11.3 8.1 12.1

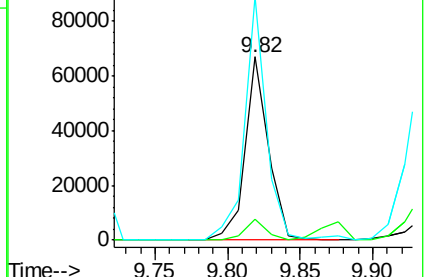
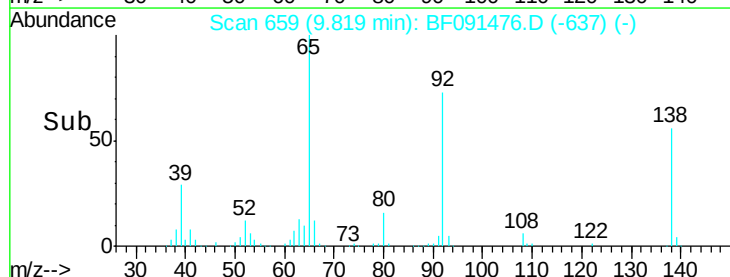
92 133.0 92.5 138.7

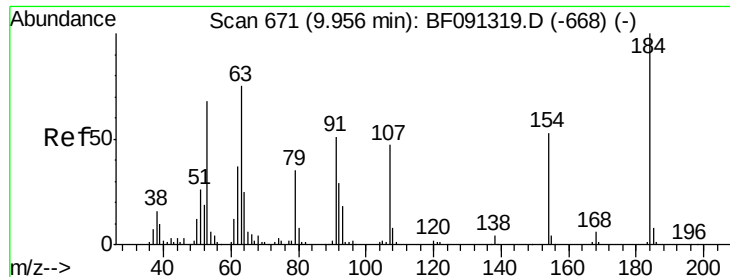


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

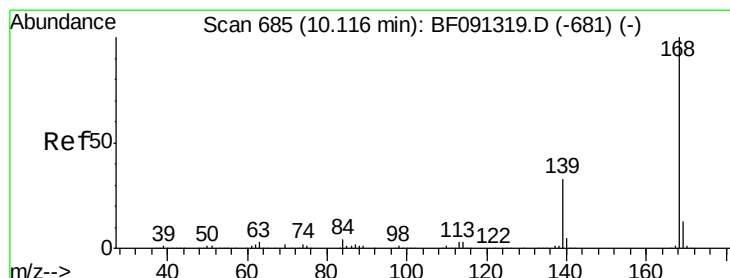
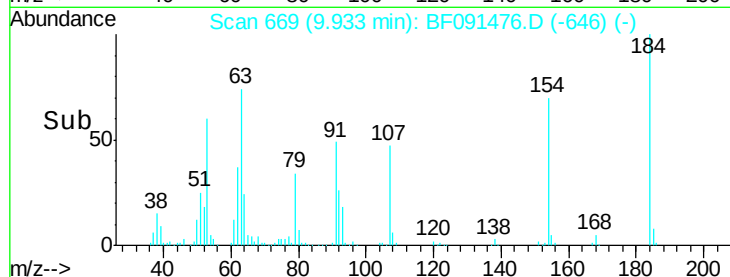
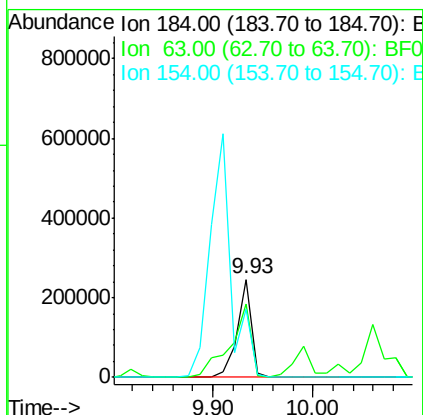
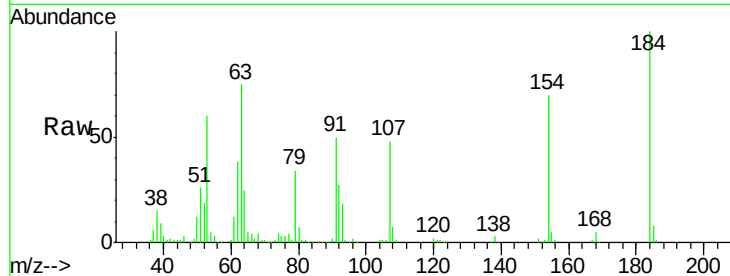




#53
 2,4-Dinitrophenol
 Concen: 105.95 ng
 RT: 9.93 min Scan# 669
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

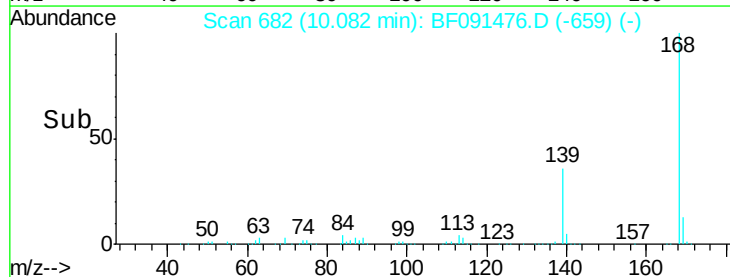
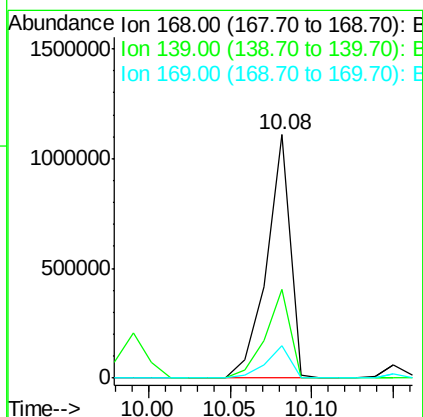
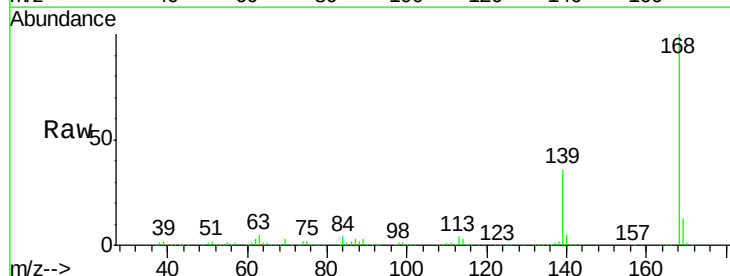
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

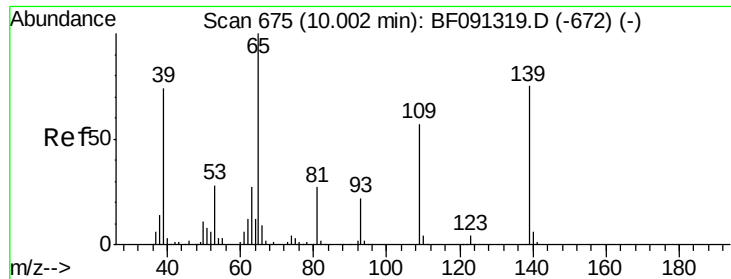
Tgt Ion:184 Resp: 243531
 Ion Ratio Lower Upper
 184 100
 63 75.1 58.3 87.5
 154 69.6 48.6 73.0



#54
 Dibenzofuran
 Concen: 37.78 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:168 Resp: 1117164
 Ion Ratio Lower Upper
 168 100
 139 36.4 33.4 50.2
 169 13.3 11.1 16.7

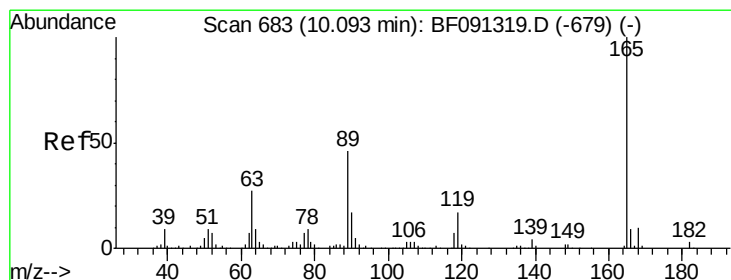
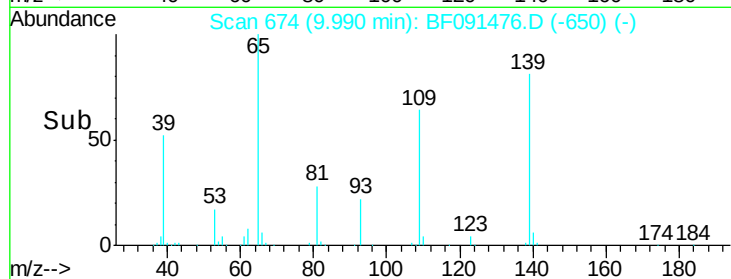
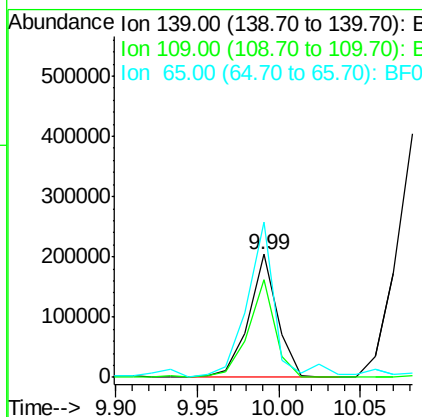
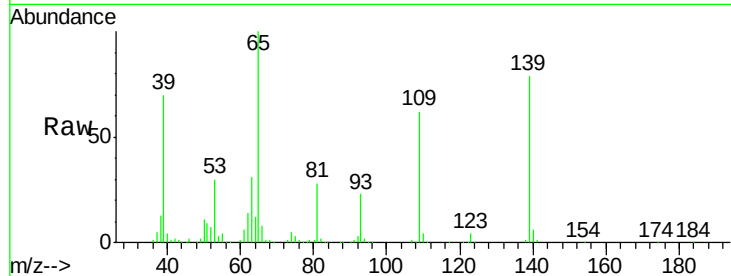




#55
4-Nitrophenol
Concen: 56.85 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

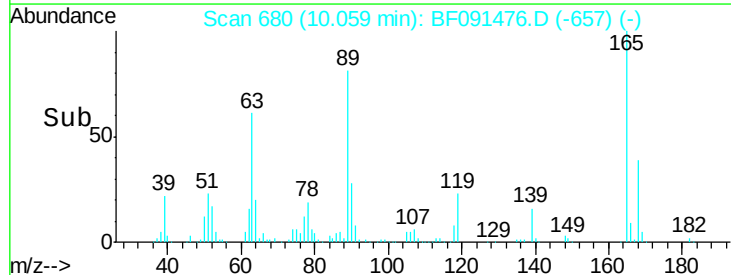
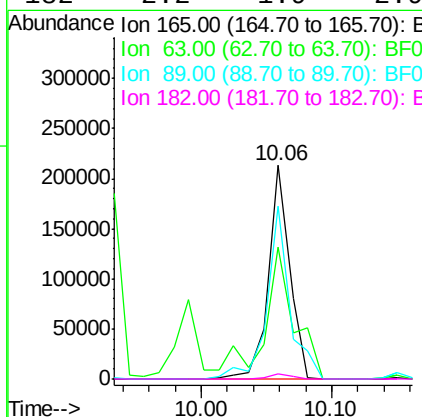
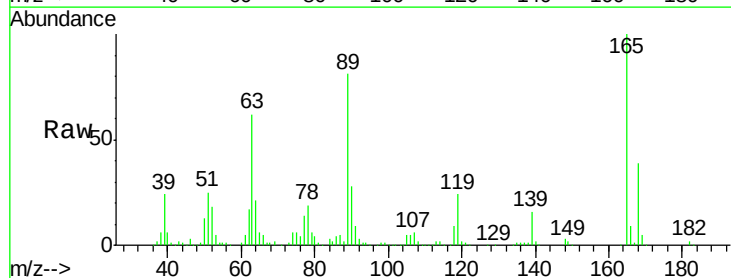
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

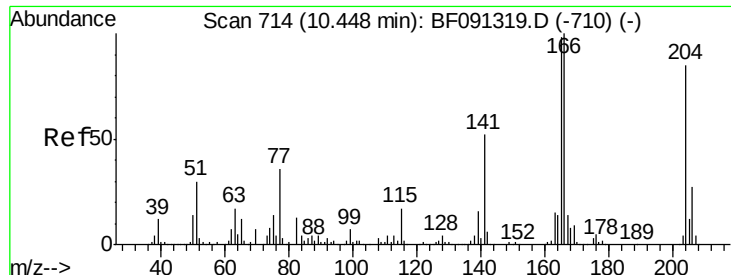
Tgt Ion:139 Resp: 249808
Ion Ratio Lower Upper
139 100
109 79.1 54.9 94.9
65 126.8 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 35.75 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion:165 Resp: 243709
Ion Ratio Lower Upper
165 100
63 61.8 29.0 43.4#
89 80.9 43.1 64.7#
182 2.2 1.9 2.9

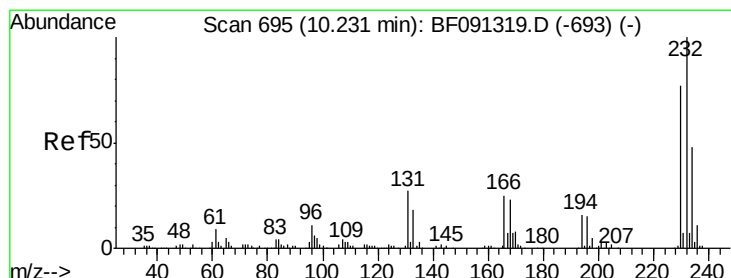
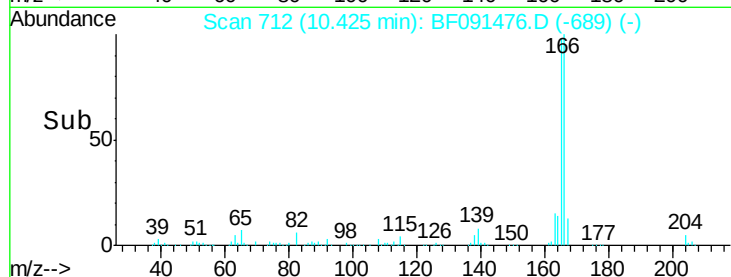
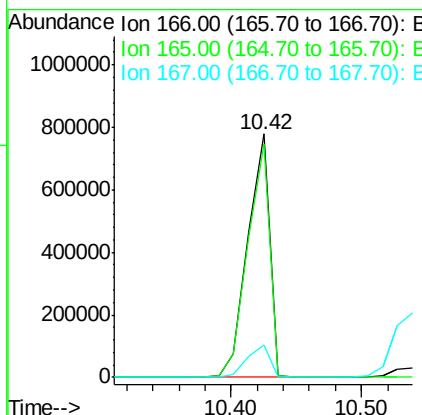
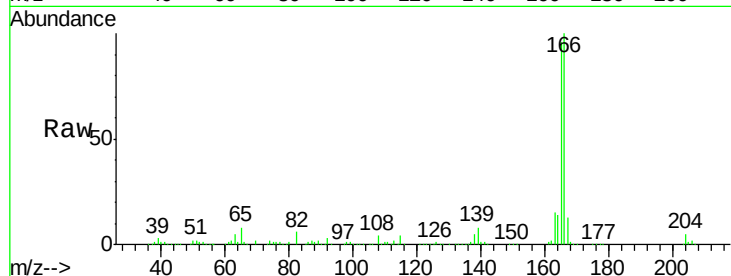




#57
Fluorene
 Concen: 40.12 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

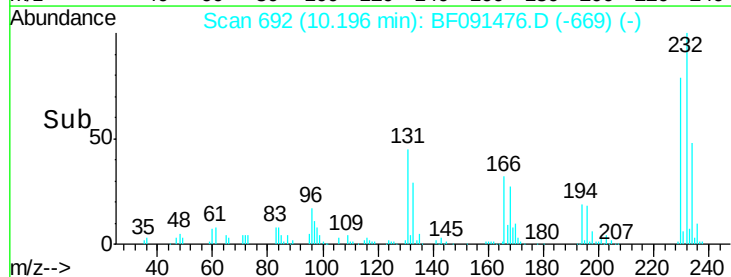
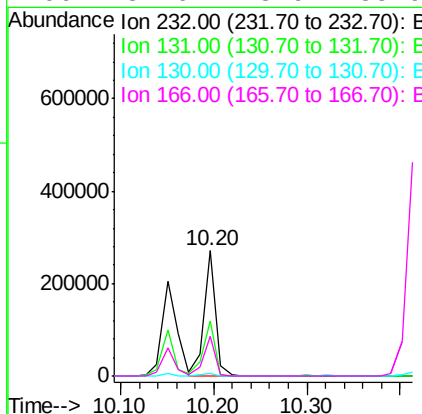
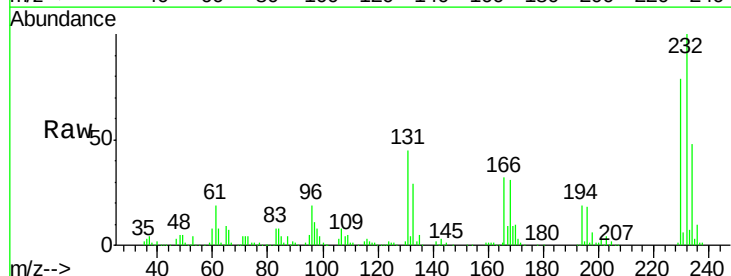
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

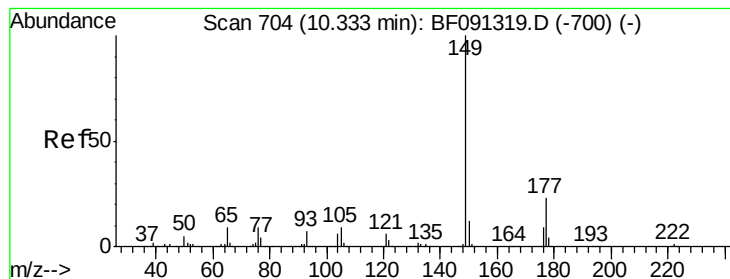
Tgt Ion:166 Resp: 910781
 Ion Ratio Lower Upper
 166 100
 165 96.0 80.0 120.0
 167 13.1 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.96 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:232 Resp: 237230
 Ion Ratio Lower Upper
 232 100
 131 45.0 38.4 57.6
 130 2.3 1.8 2.8
 166 31.6 23.9 35.9





#59

Diethylphthalate

Concen: 36.96 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

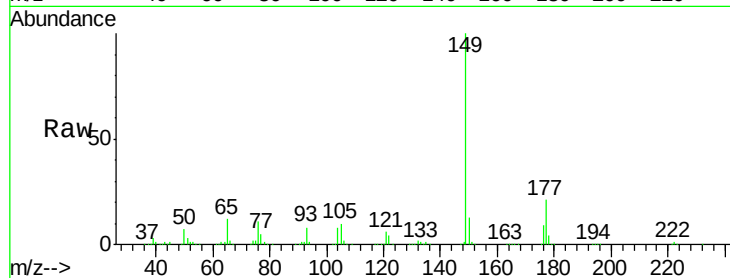
Tgt Ion:149 Resp: 857879

Ion Ratio Lower Upper

149 100

177 21.5 15.7 23.5

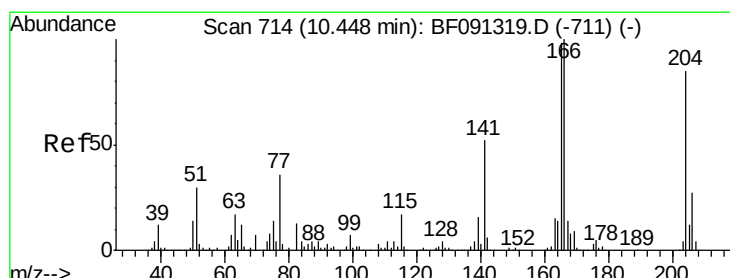
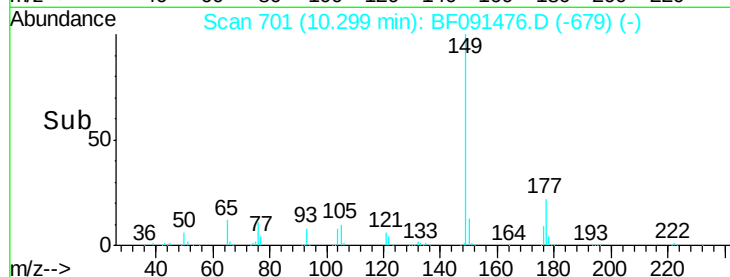
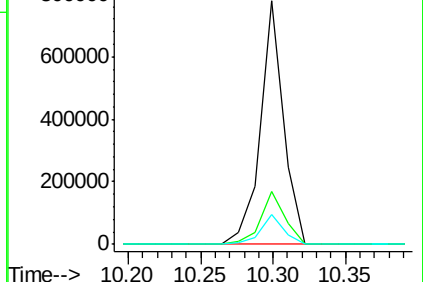
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.94 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

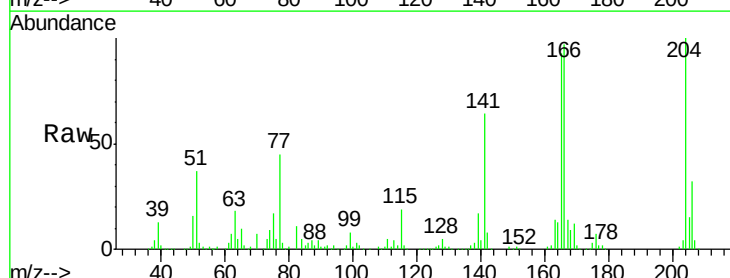
Tgt Ion:204 Resp: 409140

Ion Ratio Lower Upper

204 100

206 32.4 26.1 39.1

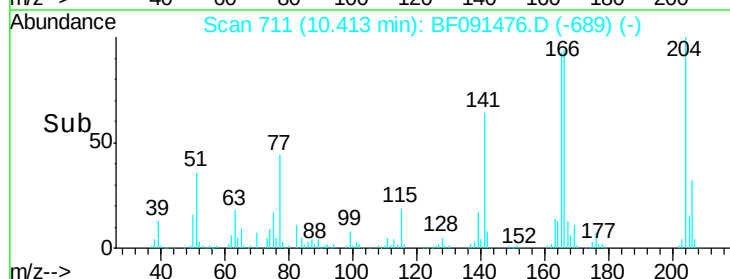
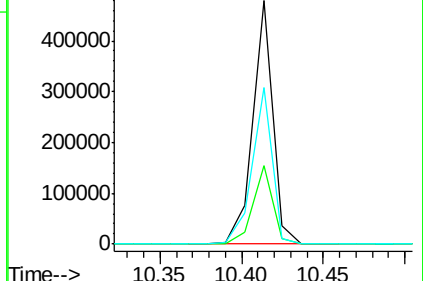
141 64.4 40.6 61.0#

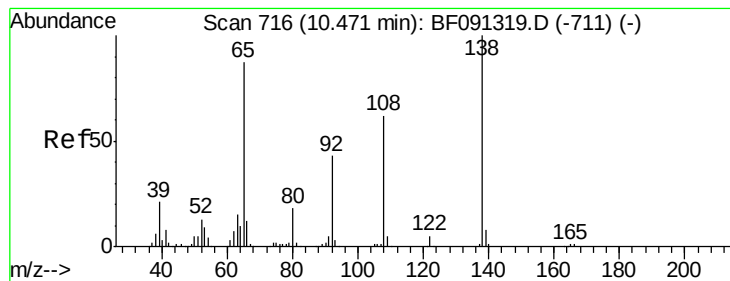


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.28 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

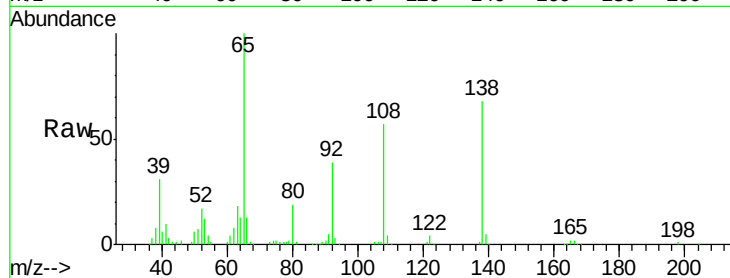
Tgt Ion:138 Resp: 178686

Ion Ratio Lower Upper

138 100

92 56.7 26.9 66.9

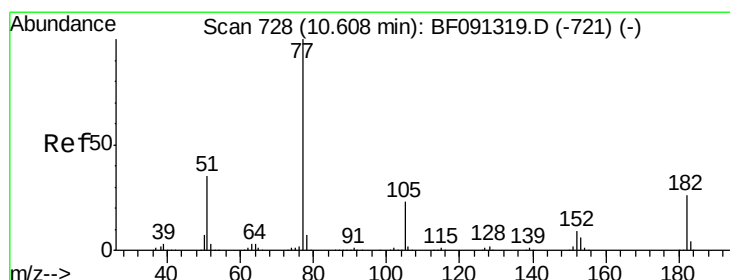
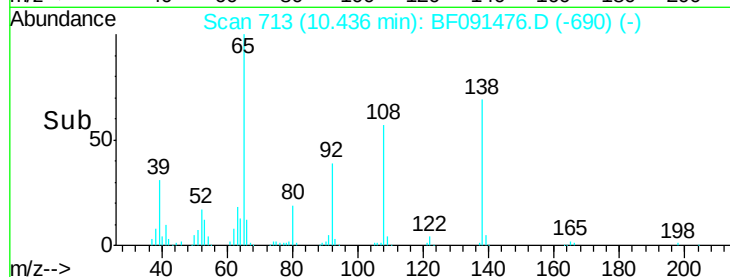
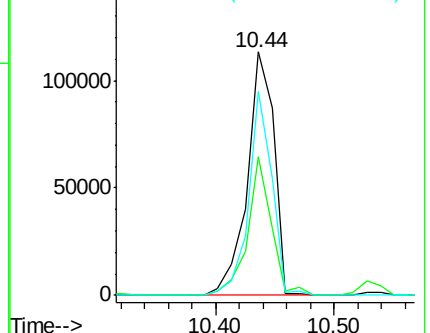
108 83.7 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.68 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion: 77 Resp: 963580

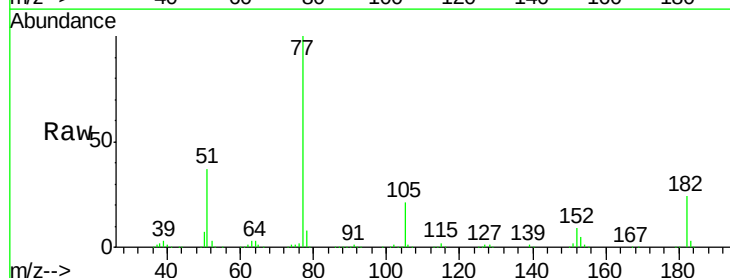
Ion Ratio Lower Upper

77 100

182 24.3 12.5 52.5

105 21.5 3.7 43.7

51 37.1 11.9 51.9

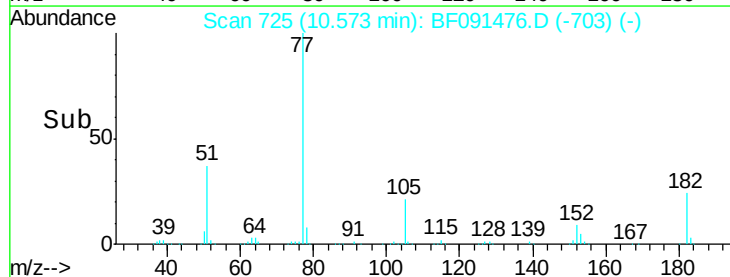
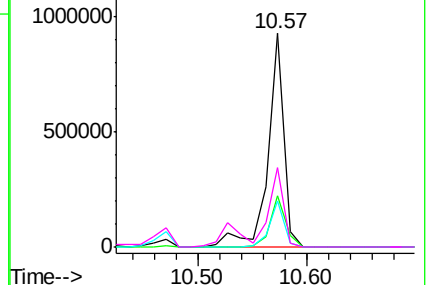


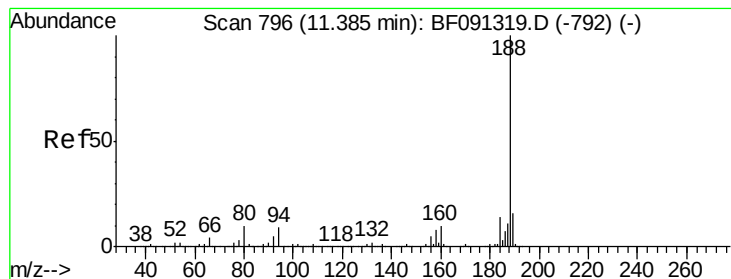
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

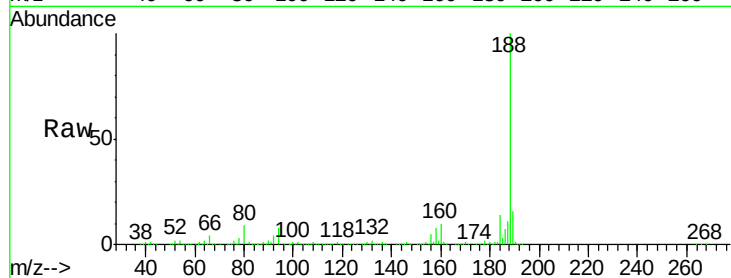
Tgt Ion:188 Resp: 676647

Ion Ratio Lower Upper

188 100

94 8.2 9.2 13.8#

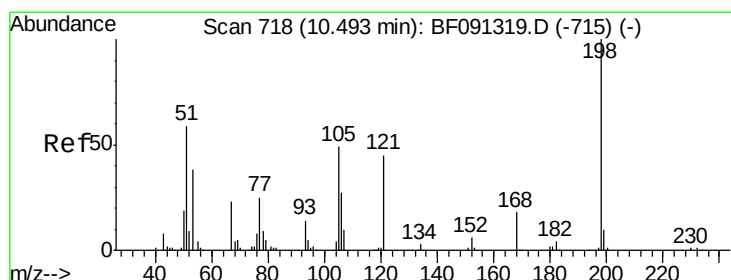
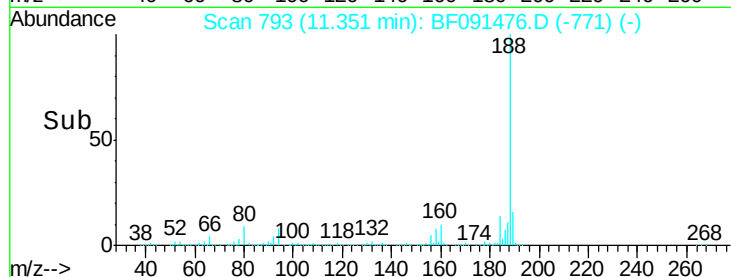
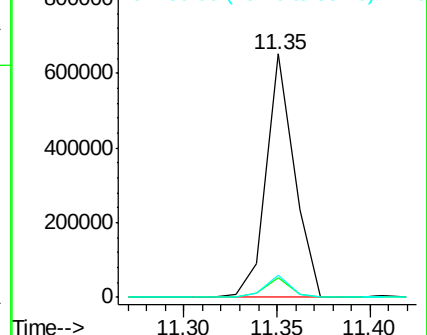
80 9.0 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.14 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

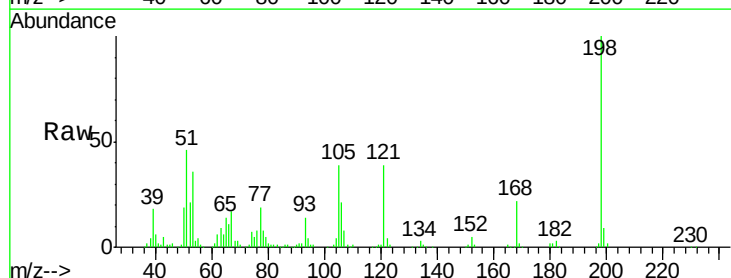
Tgt Ion:198 Resp: 168266

Ion Ratio Lower Upper

198 100

51 45.8 77.1 117.1#

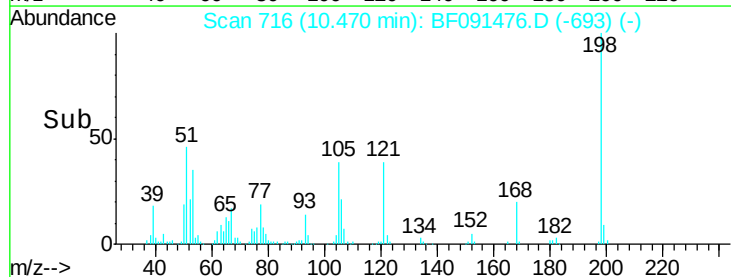
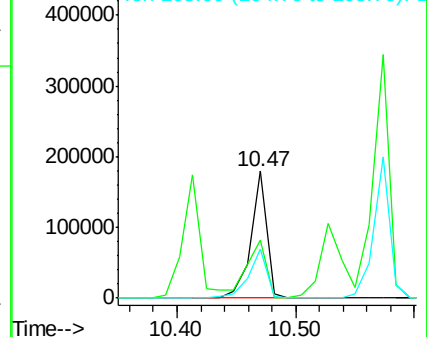
105 38.7 44.8 84.8#

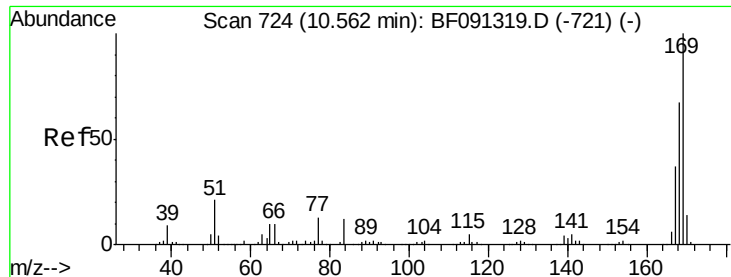


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

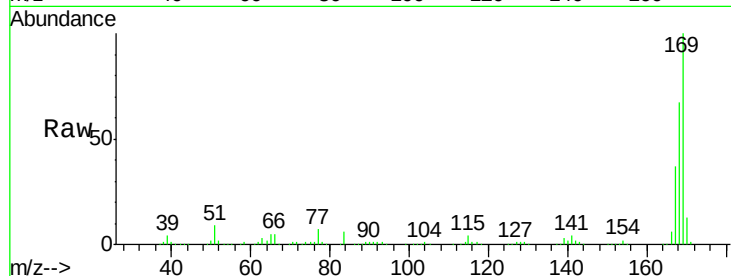




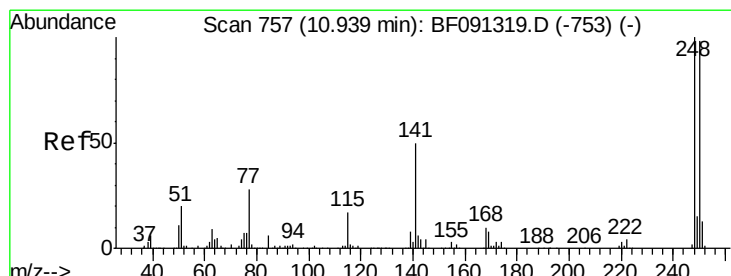
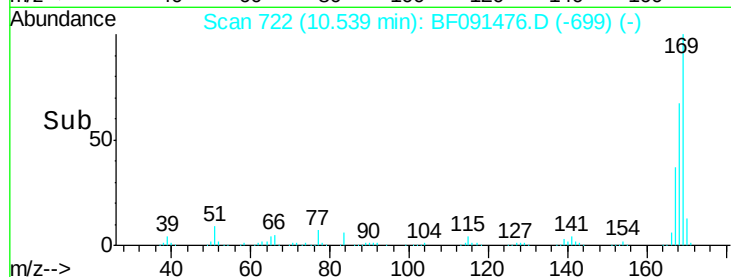
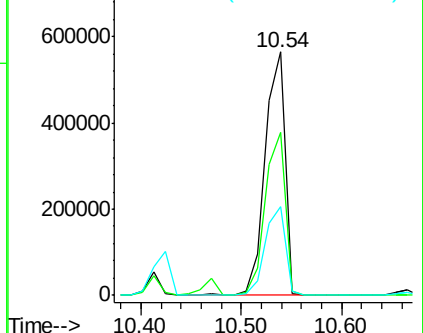
#65
 n-Nitrosodiphenylamine
 Concen: 37.87 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Tgt Ion:169 Resp: 776911
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.8
 167 36.7 29.8 44.8

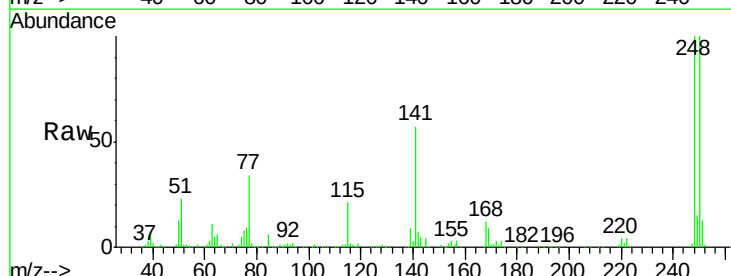


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

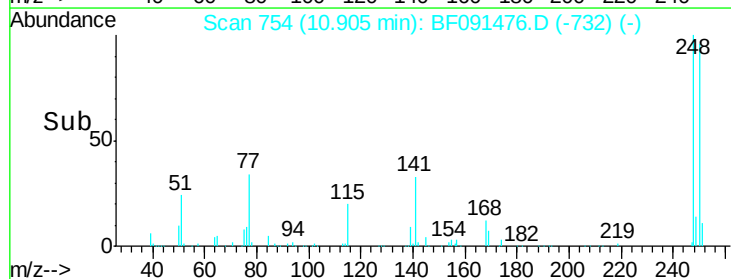
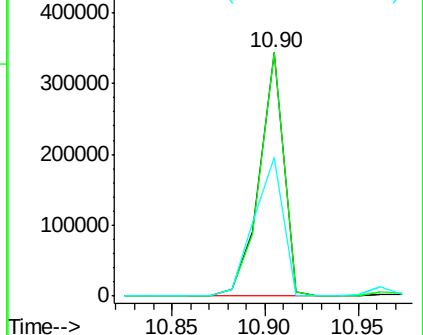


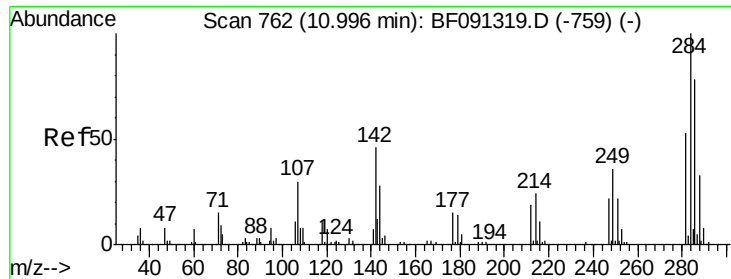
#66
 4-Bromophenyl-phenylether
 Concen: 42.48 ng
 RT: 10.90 min Scan# 754
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:248 Resp: 308940
 Ion Ratio Lower Upper
 248 100
 250 99.9 78.2 117.4
 141 56.9 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

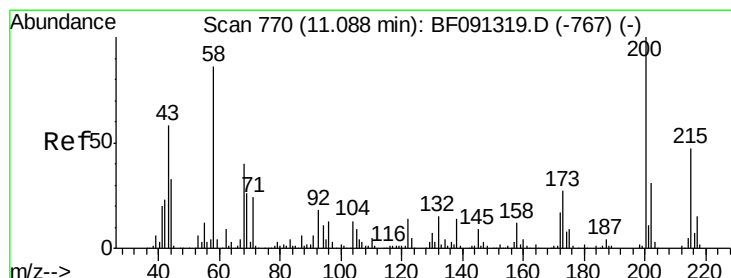
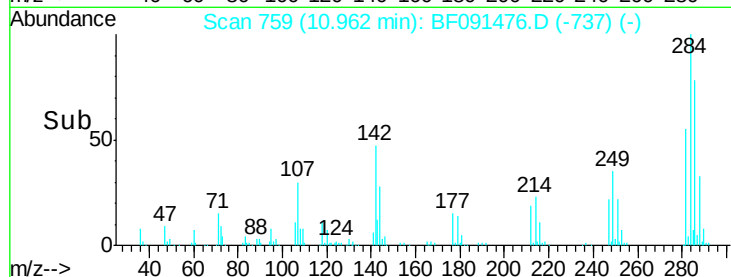
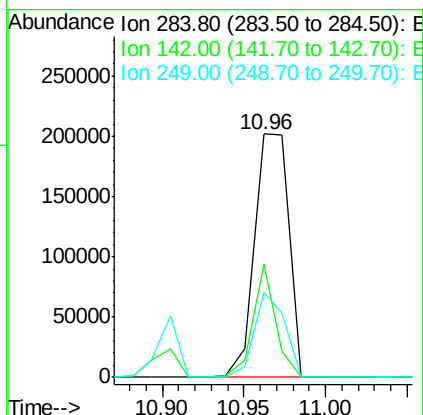
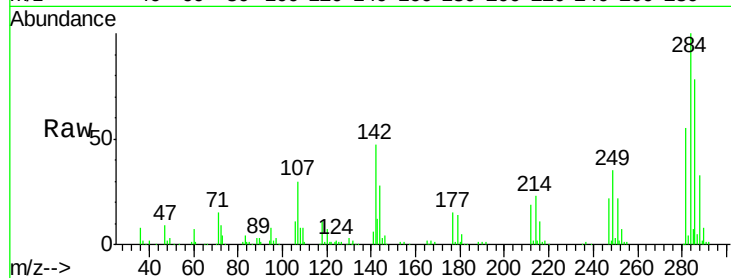




#67
Hexachlorobenzene
Concen: 37.41 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

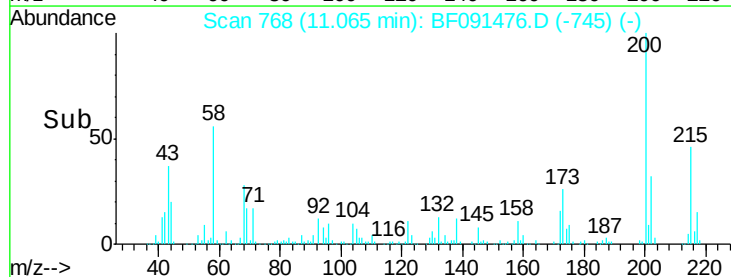
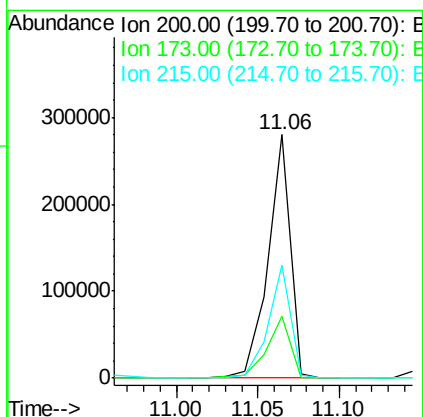
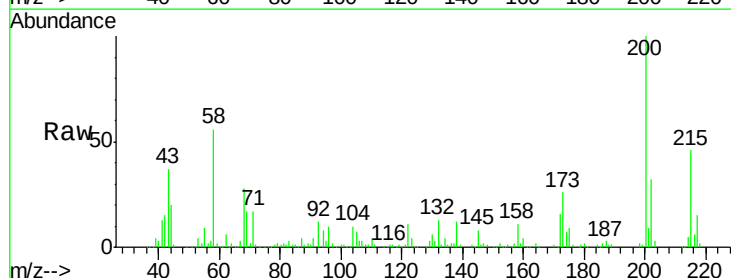
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

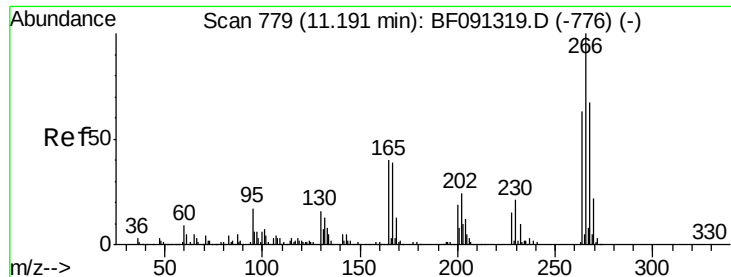
Tgt Ion: 284 Resp: 293984
Ion Ratio Lower Upper
284 100
142 46.6 17.9 26.9#
249 34.7 23.6 35.4



#68
Atrazine
Concen: 40.15 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF091476.D
Acq: 7 Dec 2016 18:23

Tgt Ion: 200 Resp: 266779
Ion Ratio Lower Upper
200 100
173 25.5 7.8 47.8
215 46.3 24.3 64.3

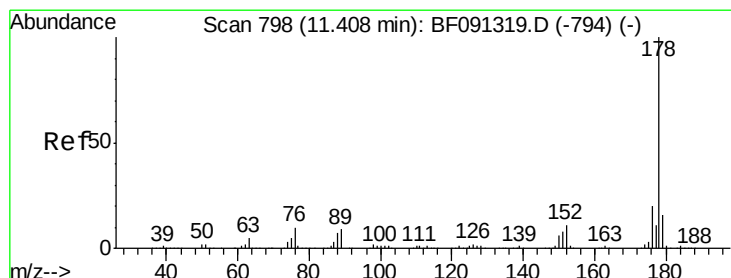
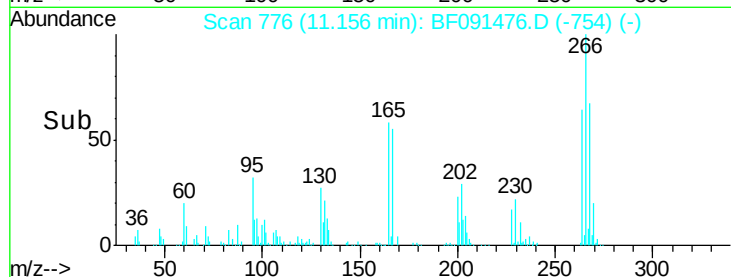
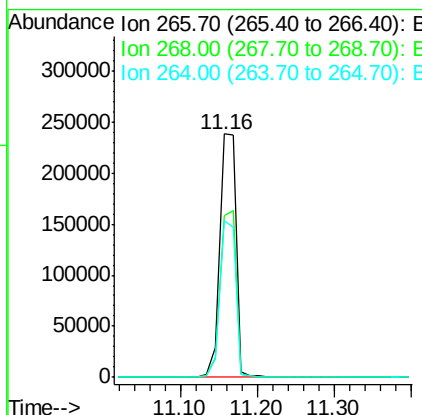
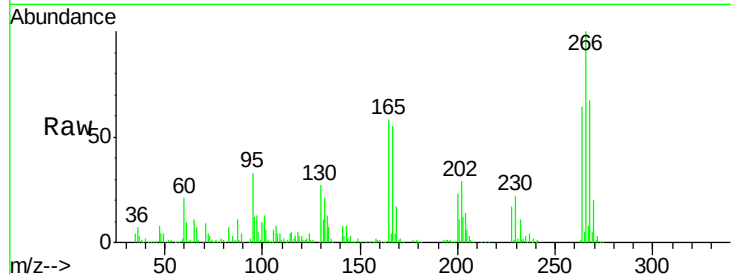




#69
 Pentachlorophenol
 Concen: 77.12 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

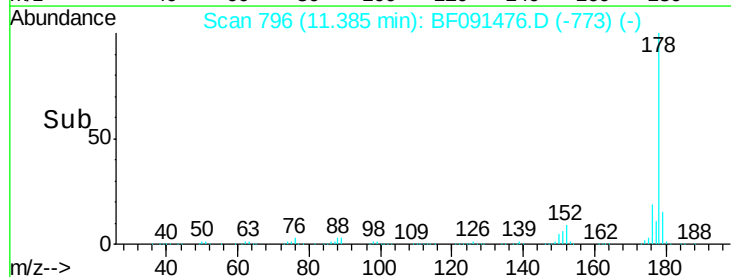
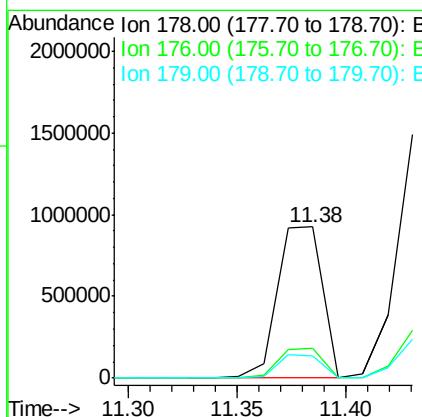
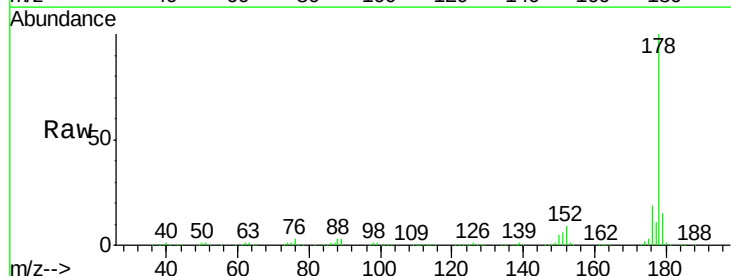
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

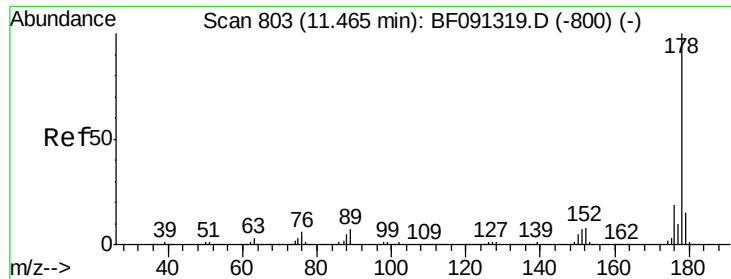
Tgt Ion: 266 Resp: 356827
 Ion Ratio Lower Upper
 266 100
 268 66.7 50.3 75.5
 264 64.3 48.2 72.2



#70
 Phenanthrene
 Concen: 37.91 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion: 178 Resp: 1332905
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.1 12.6 18.8

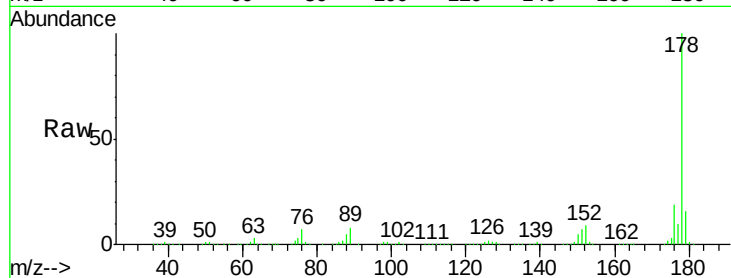




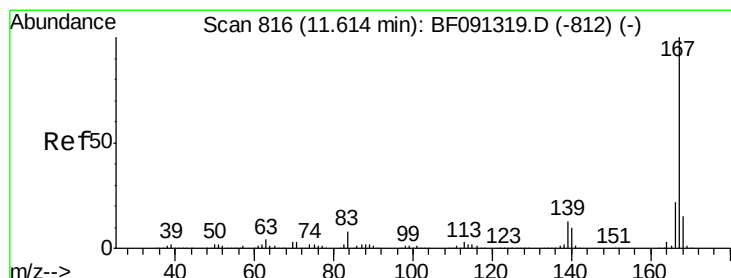
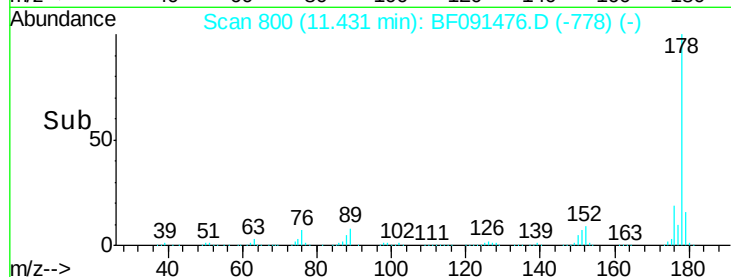
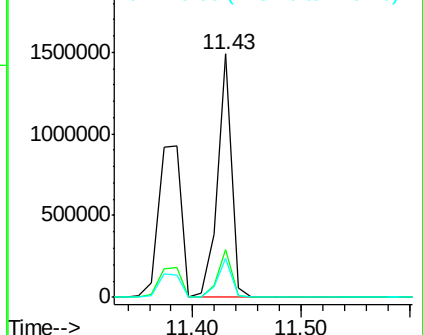
#71
 Anthracene
 Concen: 38.76 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Tgt Ion:178 Resp: 1352524
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.1 12.7 19.1

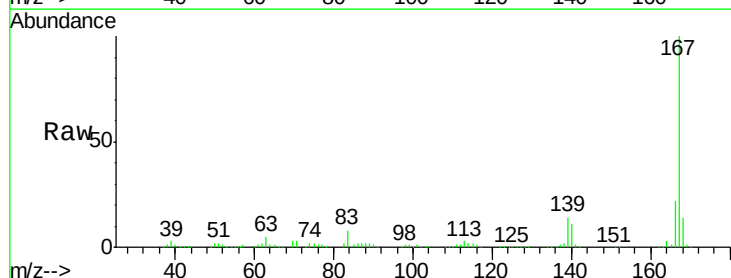


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

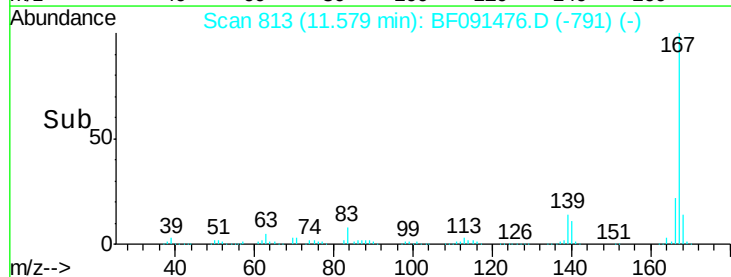
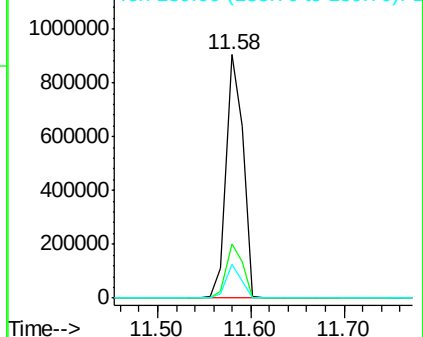


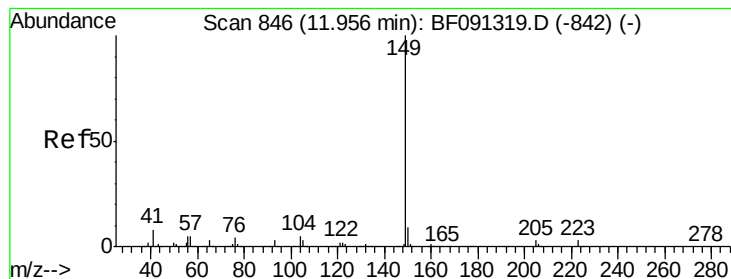
#72
 Carbazole
 Concen: 36.33 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion:167 Resp: 1150248
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.5 17.3



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





#73

Di-n-butylphthalate

Concen: 39.52 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

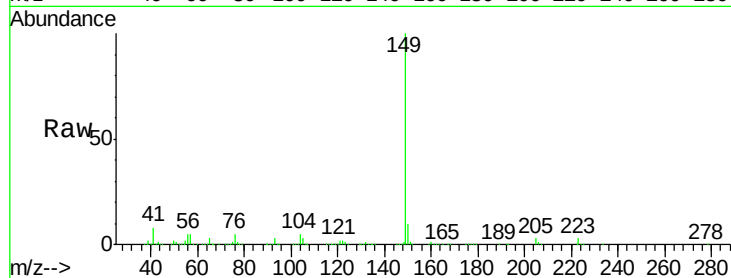
Tgt Ion:149 Resp: 1418316

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

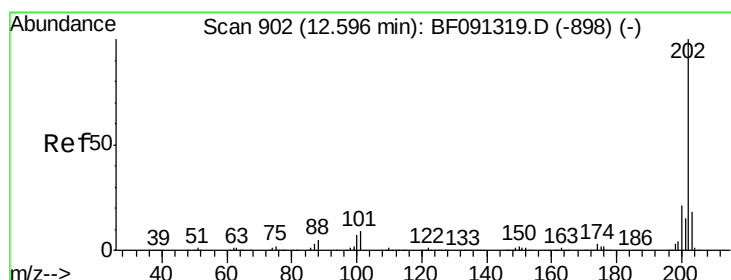
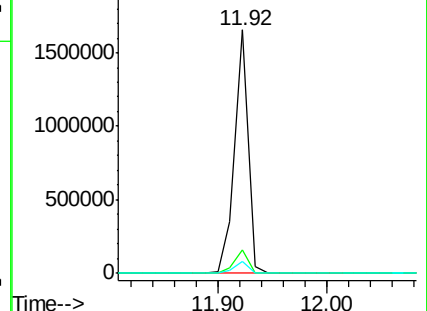
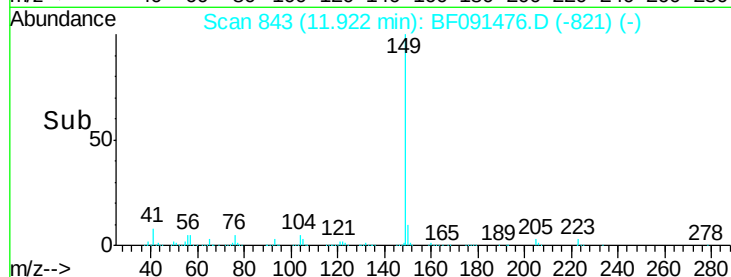
104 5.0 4.0 6.0



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: 39.51 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

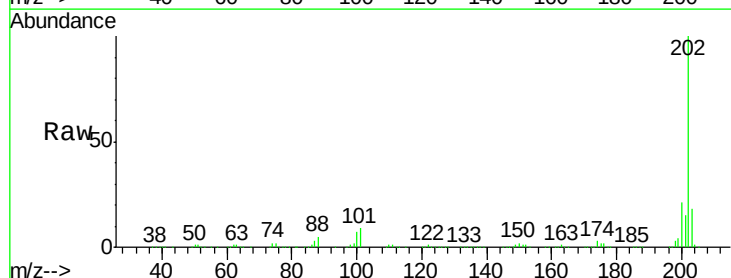
Tgt Ion:202 Resp: 1315908

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.5

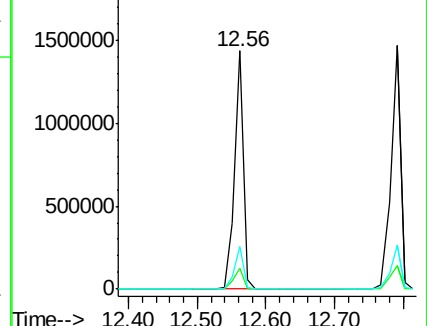
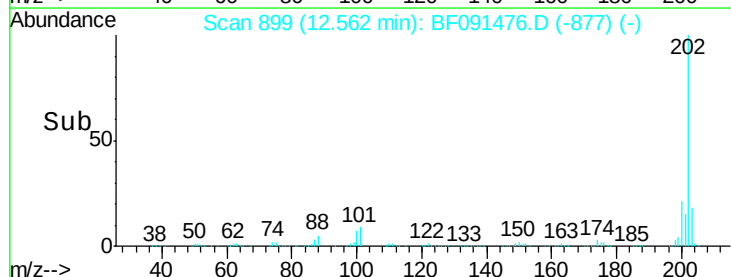
203 17.8 0.0 37.8

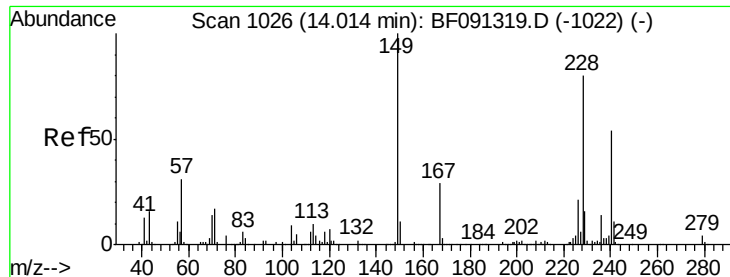


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

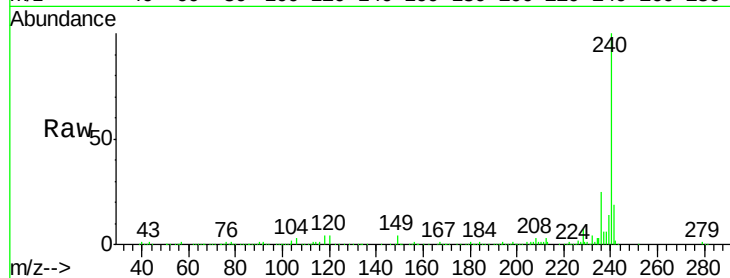
Tgt Ion:240 Resp: 456030

Ion Ratio Lower Upper

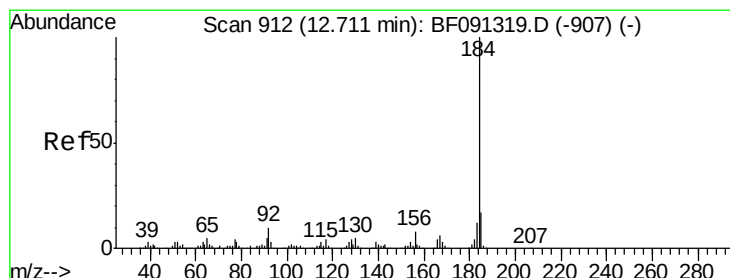
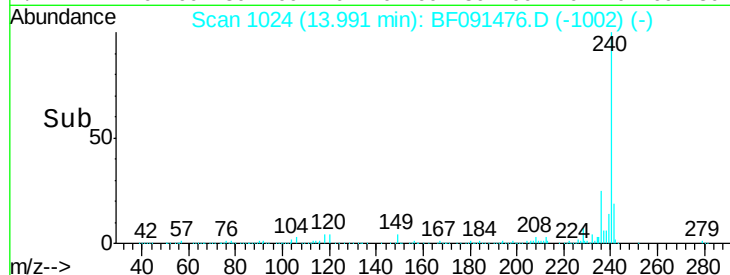
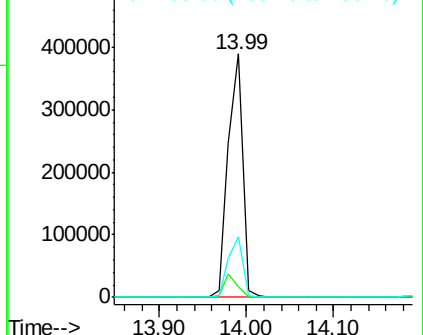
240 100

120 4.2 12.1 18.1#

236 25.0 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: 8.75 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

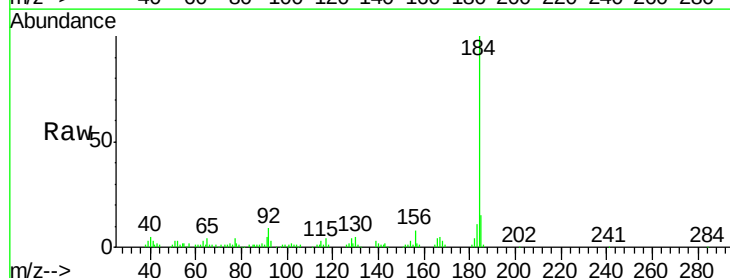
Tgt Ion:184 Resp: 117151

Ion Ratio Lower Upper

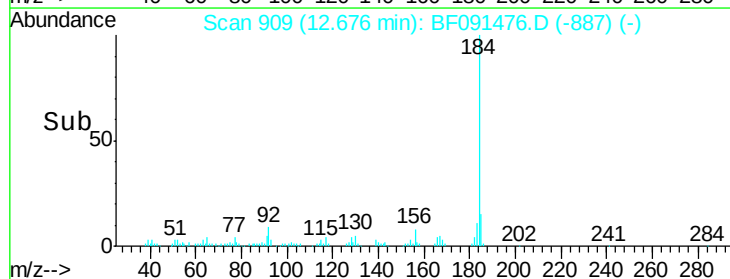
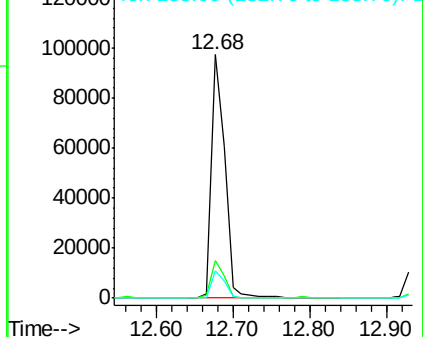
184 100

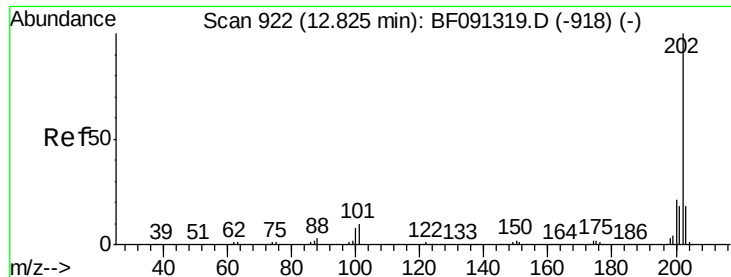
185 15.3 13.1 19.7

183 11.4 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



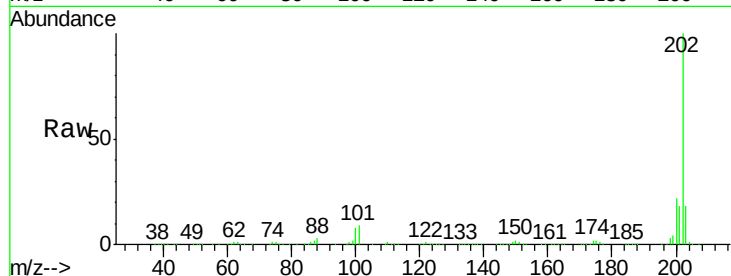


#77
 Pyrene
 Concen: 40.83 ng
 RT: 12.79 min Scan# 919
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

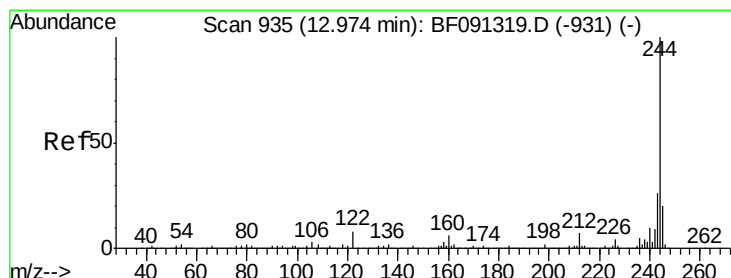
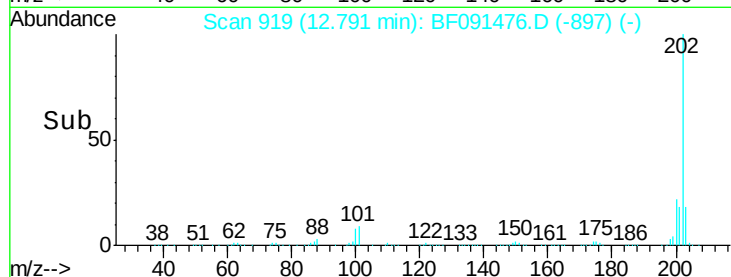
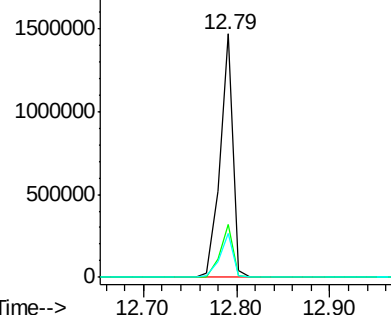
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Tgt Ion: 202 Resp: 1412926

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.1	14.0	21.0



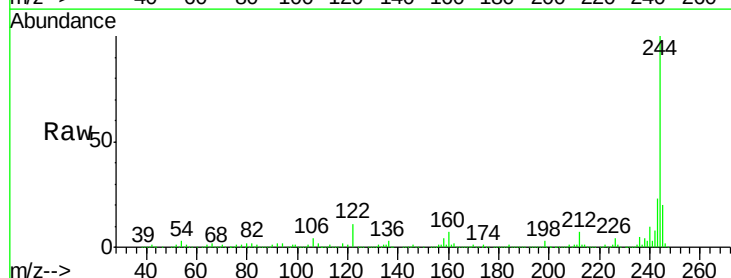
Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



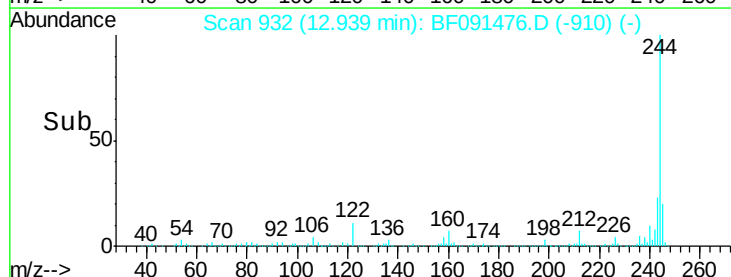
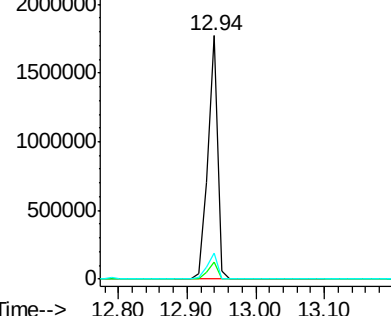
#78
 Terphenyl-d14
 Concen: 84.44 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

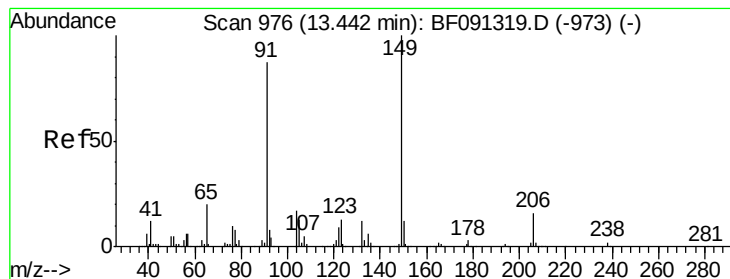
Tgt Ion: 244 Resp: 1771699

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	10.7	9.5	14.3



Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.37 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.06 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

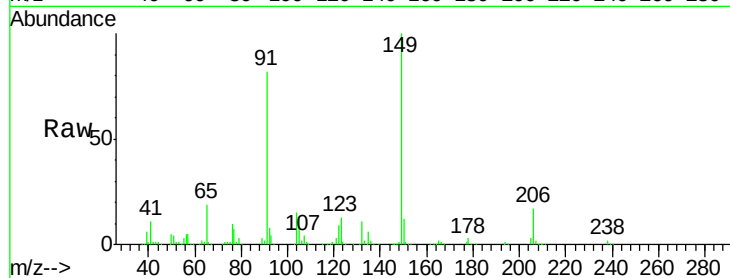
Tgt Ion:149 Resp: 549034

Ion Ratio Lower Upper

149 100

91 81.9 57.4 86.2

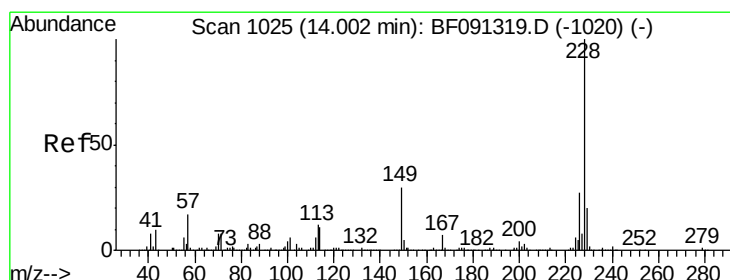
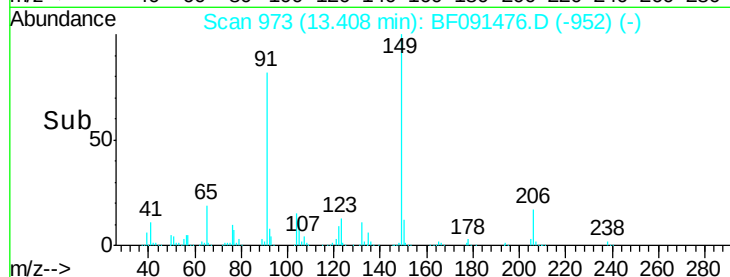
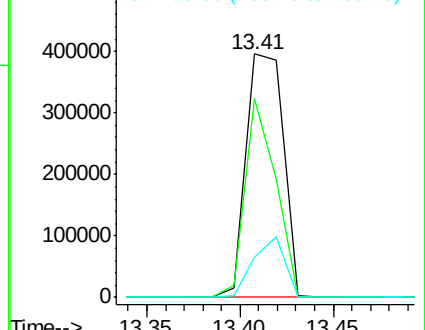
206 16.6 15.4 23.2



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: 37.79 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

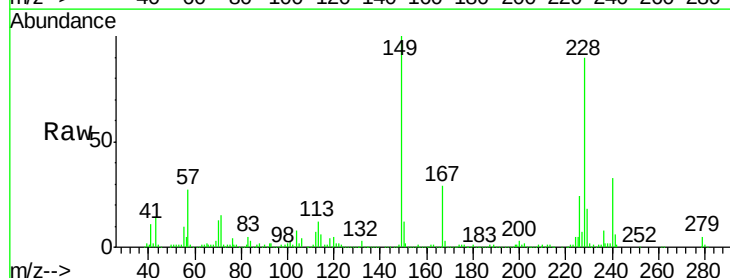
Tgt Ion:228 Resp: 1007745

Ion Ratio Lower Upper

228 100

226 27.0 22.5 33.7

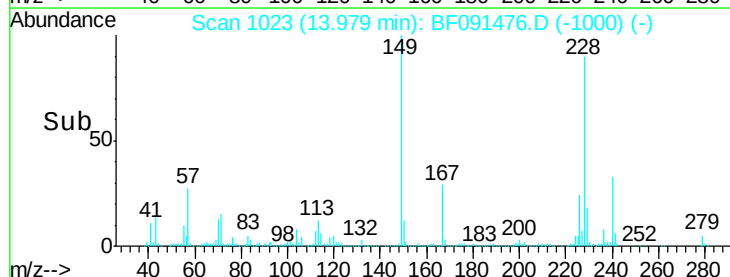
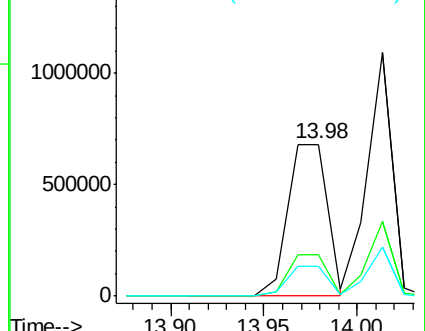
229 19.6 16.4 24.6

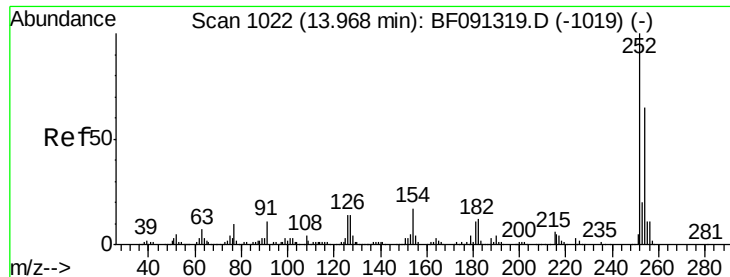


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

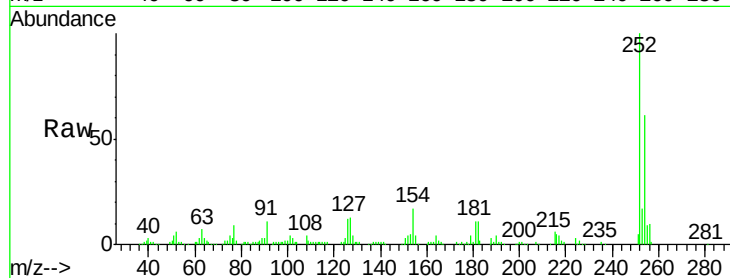




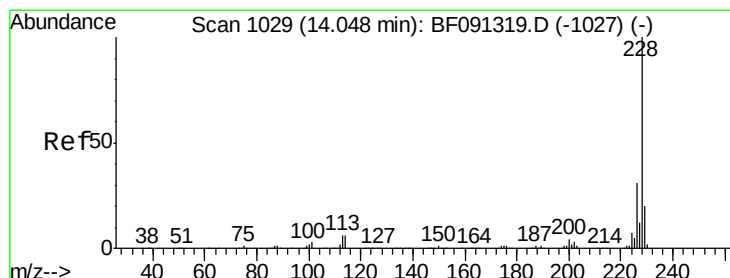
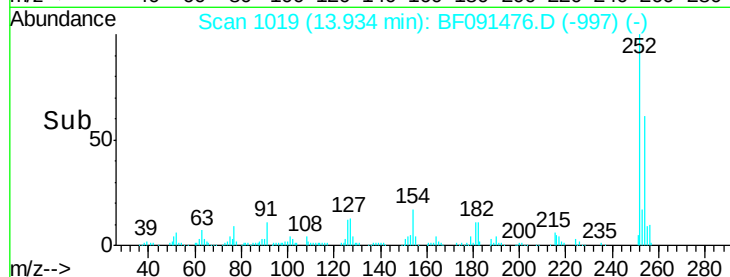
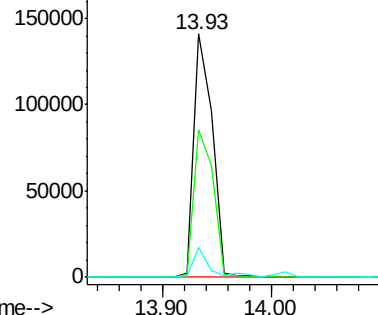
#81
 3,3'-Dichlorobenzidine
 Concen: 17.91 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

Tgt Ion: 252 Resp: 168278
 Ion Ratio Lower Upper
 252 100
 254 60.9 52.1 78.1
 126 12.2 7.5 11.3#

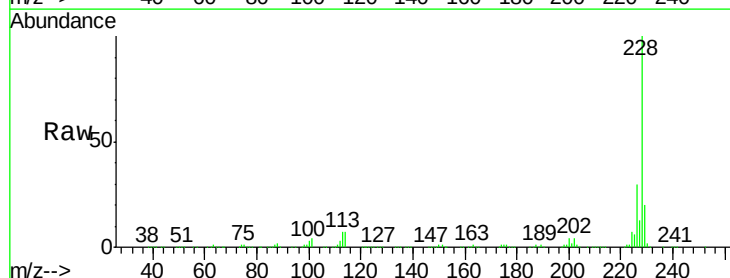


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

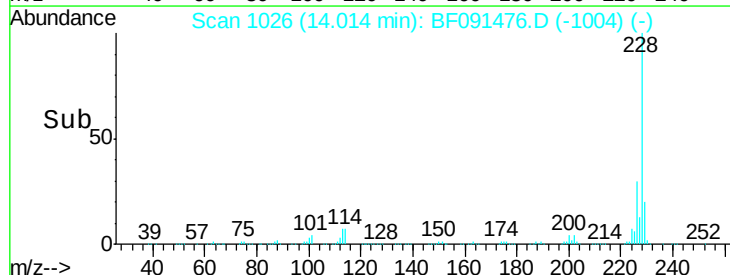
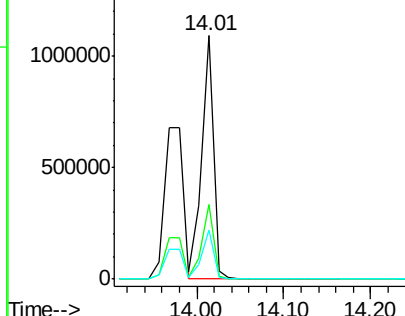


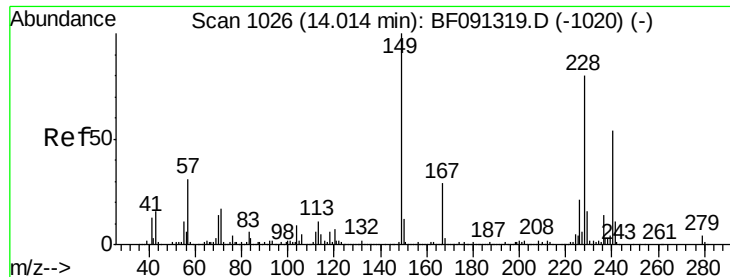
#82
 Chrysene
 Concen: 38.23 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion: 228 Resp: 1008798
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.4
 229 20.2 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: 47.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

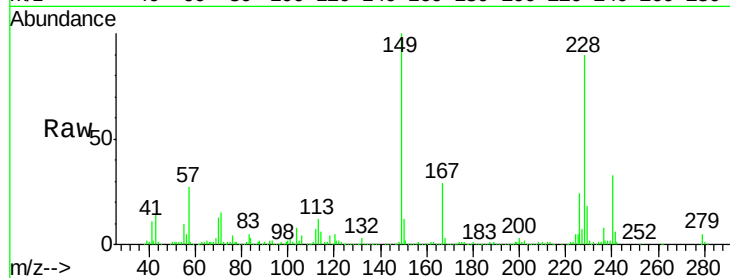
Tgt Ion:149 Resp: 771996

Ion Ratio Lower Upper

149 100

167 29.0 19.6 29.4

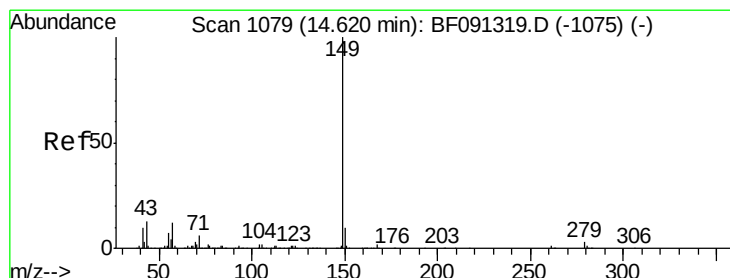
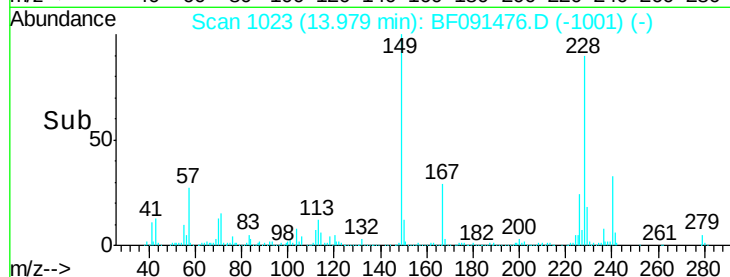
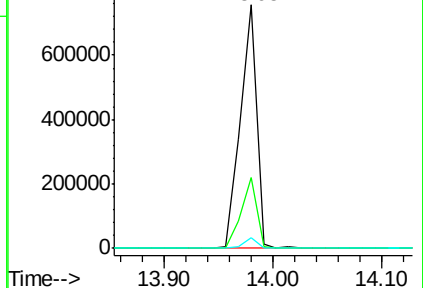
279 4.6 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.64 ng

RT: 14.59 min Scan# 1076

Delta R.T. -0.05 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

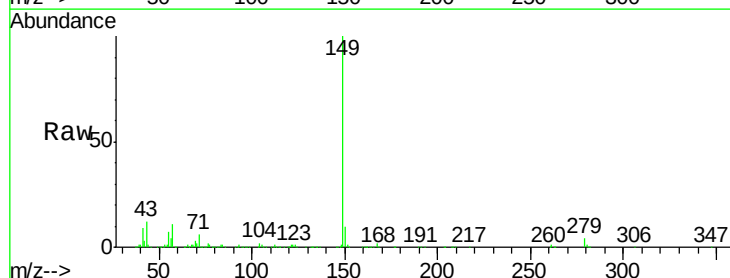
Tgt Ion:149 Resp: 1159381

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

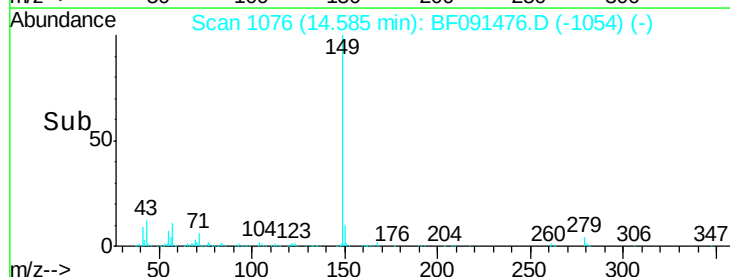
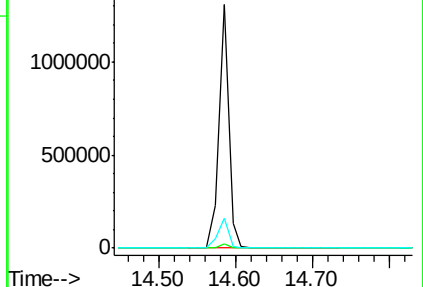
43 13.2 11.9 17.9

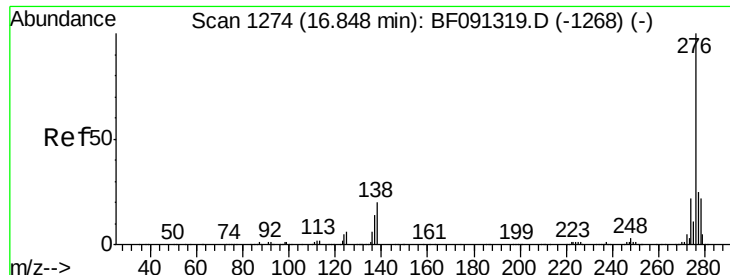


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

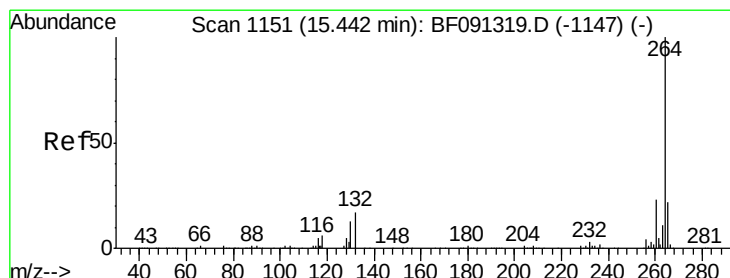
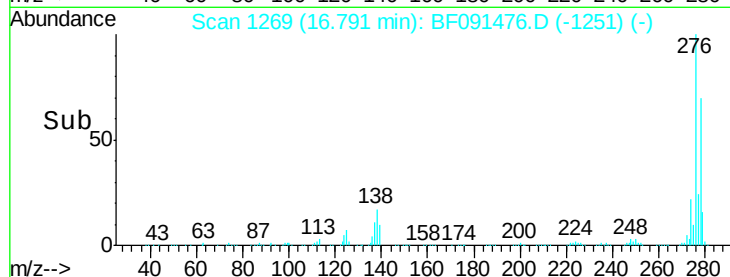
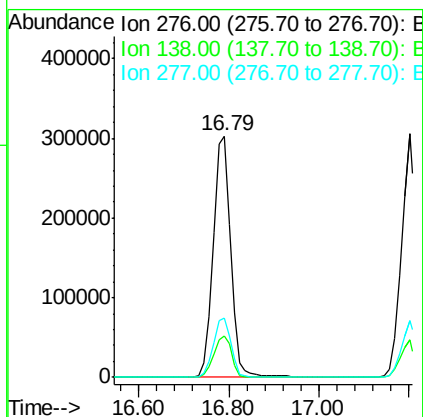
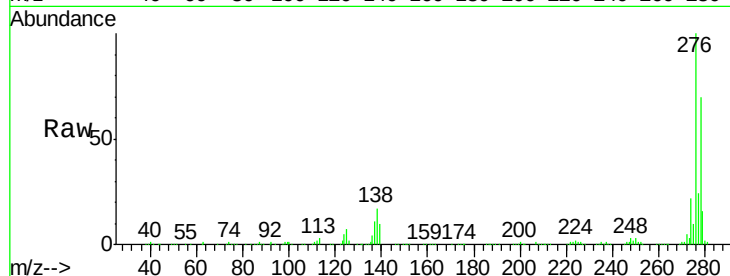




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.09 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.10 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

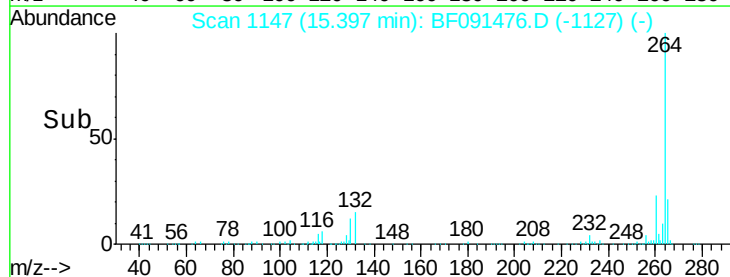
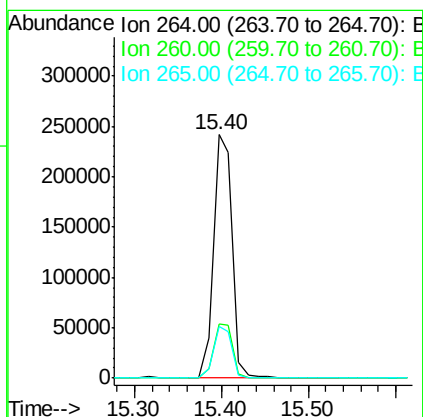
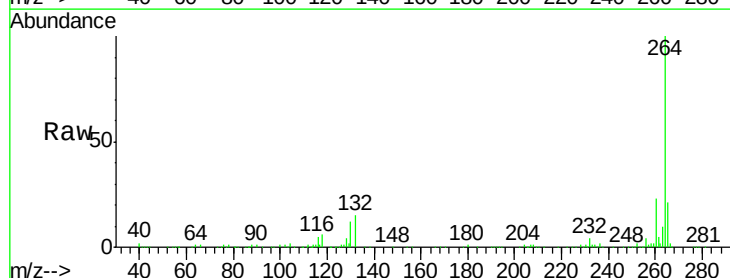
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01MSD

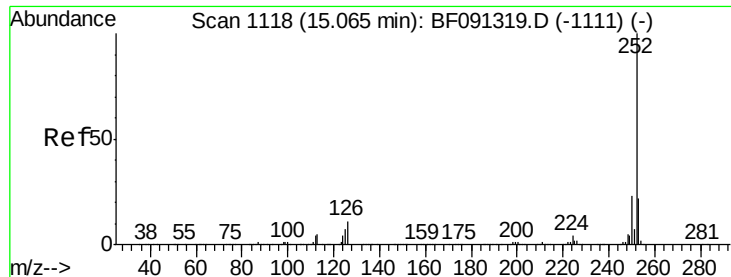
Tgt Ion: 276 Resp: 823932
 Ion Ratio Lower Upper
 276 100
 138 17.7 21.0 31.4#
 277 24.9 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.07 min
 Lab File: BF091476.D
 Acq: 7 Dec 2016 18:23

Tgt Ion: 264 Resp: 364920
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 21.2 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 35.66 ng

RT: 15.00 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

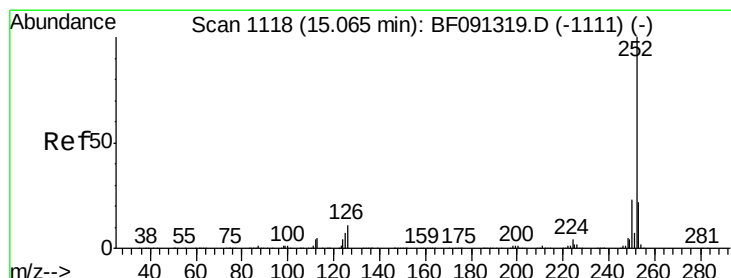
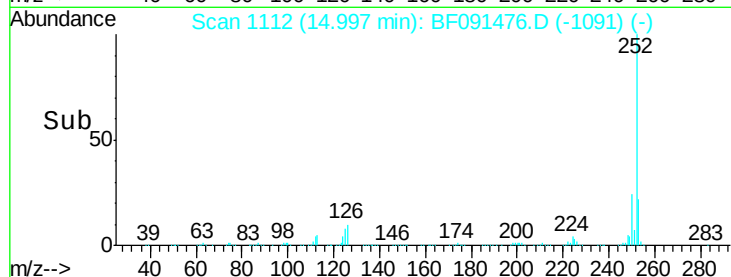
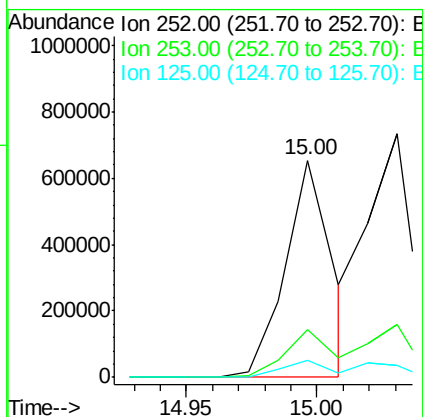
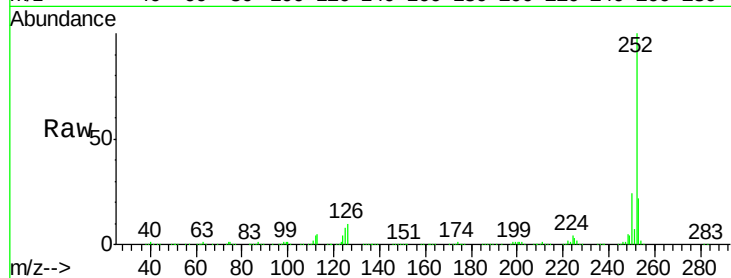
Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tgt Ion:	252	Resp:	808769
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	7.7	8.6	13.0#



#88

Benzo(k)fluoranthene

Concen: 42.40 ng

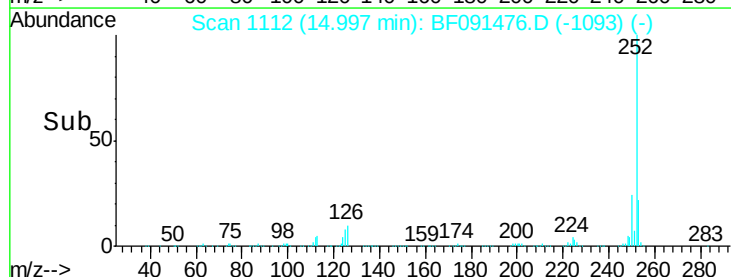
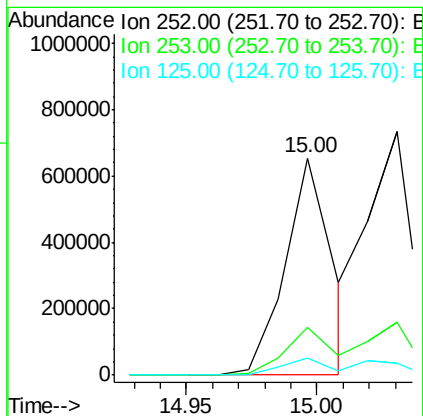
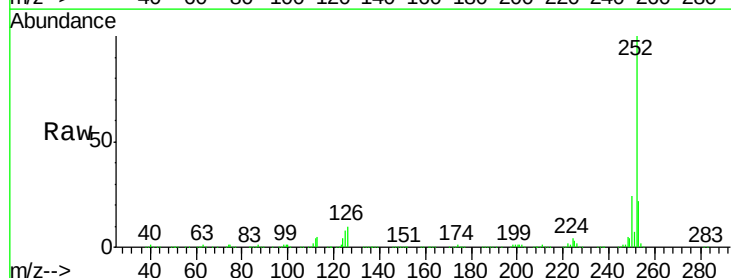
RT: 15.00 min Scan# 1112

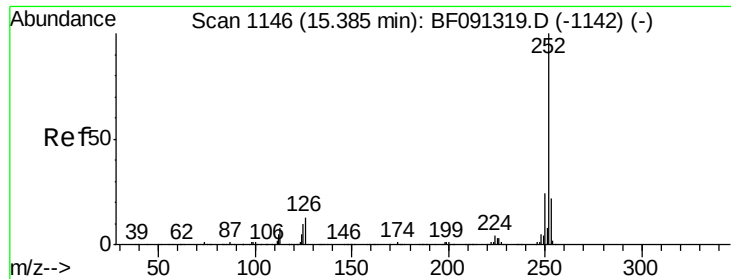
Delta R.T. -0.09 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	252	Resp:	808769
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	7.7	9.6	14.4#





#89

Benzo(a)pyrene

Concen: 37.25 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

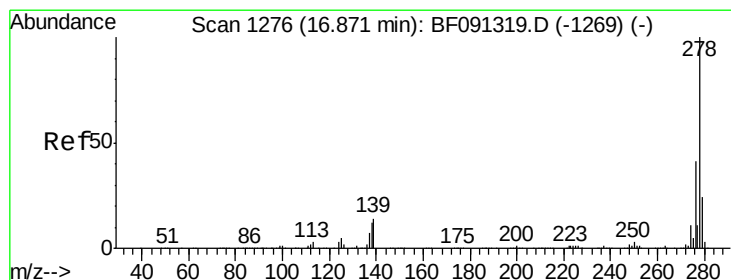
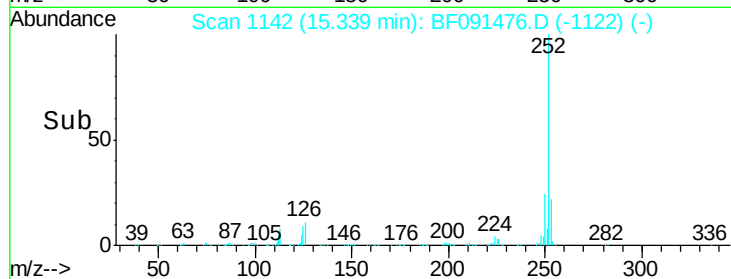
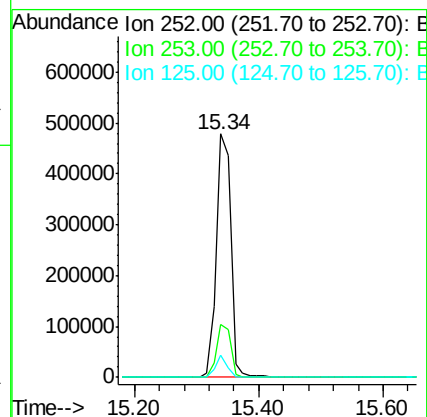
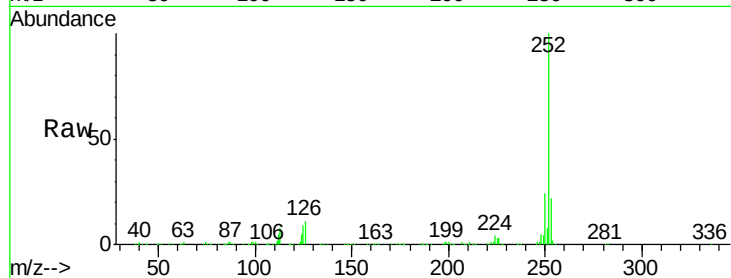
Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD

Tgt Ion:	252	Resp:	758857
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.0	10.4	15.6#



#90

Dibenzo(a,h)anthracene

Concen: 36.48 ng

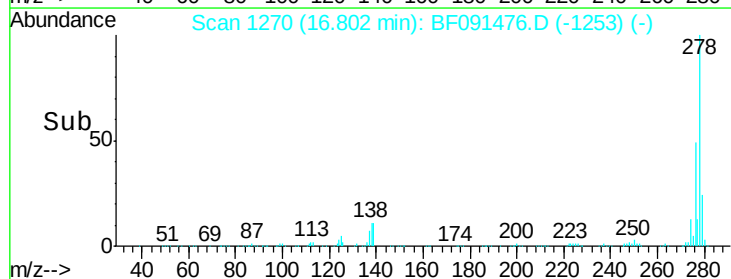
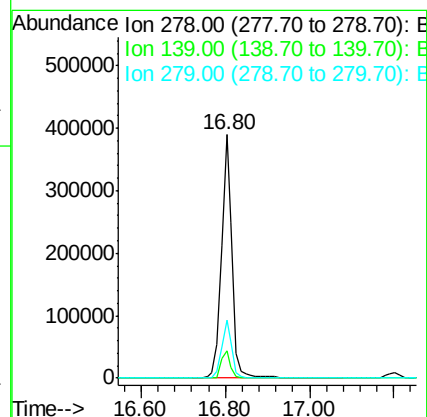
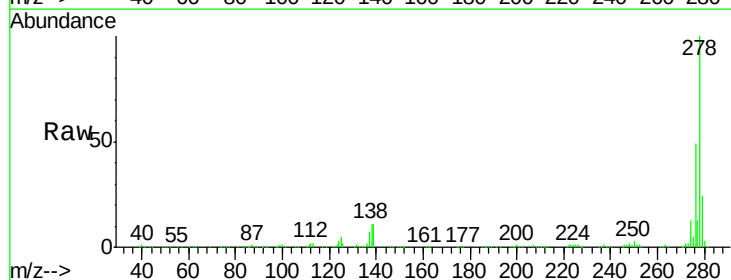
RT: 16.80 min Scan# 1270

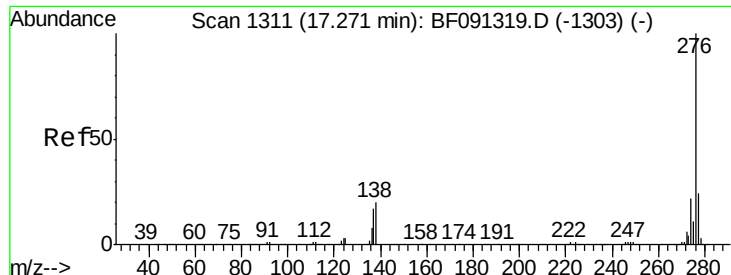
Delta R.T. -0.11 min

Lab File: BF091476.D

Acq: 7 Dec 2016 18:23

Tgt Ion:	278	Resp:	687345
Ion	Ratio	Lower	Upper
278	100		
139	11.4	15.1	22.7#
279	24.0	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 35.52 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.11 min

Lab File: BF091476.D

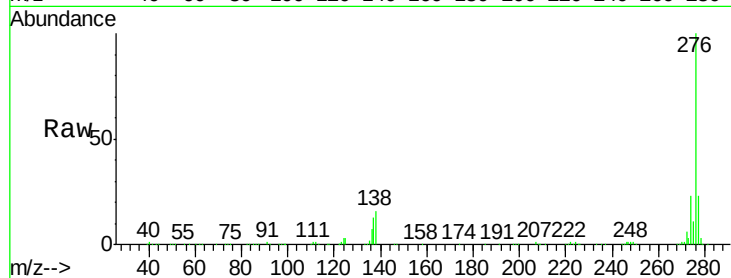
Acq: 7 Dec 2016 18:23

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-01MSD



Tgt Ion:	276	Resp:	690001
Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	15.5	15.4	23.0

