

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011117\
 Data File : BF092202.D
 Acq On : 11 Jan 2017 17:43
 Operator : UM/SJ
 Sample : I1079-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Quant Time: Jan 11 23:40:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	182288	20.00	ng	-0.03
21) Naphthalene-d8	7.90	136	796133	20.00	ng	-0.03
38) Acenaphthene-d10	9.65	164	359786	20.00	ng	-0.03
63) Phenanthrene-d10	11.12	188	536678	20.00	ng	-0.03
75) Chrysene-d12	13.75	240	295656	20.00	ng	-0.03
86) Perylene-d12	15.11	264	336449	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1416509	129.75	ng	-0.02
7) Phenol-d6	6.29	99	1615161	121.18	ng	-0.02
23) Nitrobenzene-d5	7.18	82	1299010	90.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.44	330	356037	119.58	ng	-0.03
44) 2-Fluorobiphenyl	8.98	172	1804504	105.94	ng	-0.02
78) Terphenyl-d14	12.71	244	1367276	112.16	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	2.10	88	239254	44.51 ng	97
3) Pyridine	2.74	79	299636	15.97 ng	93
4) n-Nitrosodimethylamine	2.70	42	259506	36.67 ng	91
6) Aniline	6.28	93	286902	16.57 ng	# 65
8) 2-Chlorophenol	6.40	128	661975	53.31 ng	96
9) Benzaldehyde	6.15	77	37345	3.53 ng	95
10) Phenol	6.30	94	779732	51.34 ng	# 69
11) bis(2-Chloroethyl)ether	6.36	93	562105	46.51 ng	98
12) 1,3-Dichlorobenzene	6.55	146	623941	47.07 ng	98
13) 1,4-Dichlorobenzene	6.55	146	623941	46.24 ng	94
14) 1,2-Dichlorobenzene	6.78	146	575927	49.19 ng	98
15) Benzyl Alcohol	6.77	79	481455	46.49 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	973171	54.07 ng	# 37
17) 2-Methylphenol	6.90	107	561914	56.26 ng	# 89
18) Hexachloroethane	7.12	117	254157	50.81 ng	91
19) n-Nitroso-di-n-propylamine	7.04	70	488737	55.12 ng	97
20) 3+4-Methylphenols	7.05	107	729105	61.21 ng	# 70
22) Acetophenone	7.03	105	965558	49.17 ng	# 91
24) Nitrobenzene	7.20	77	736521	48.30 ng	95
25) Isophorone	7.44	82	1311887	49.66 ng	95
26) 2-Nitrophenol	7.52	139	414306	55.09 ng	# 85
27) 2,4-Dimethylphenol	7.58	122	578140	46.35 ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	800421	49.97 ng	100
29) 2,4-Dichlorophenol	7.77	162	520816	49.31 ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	559851	48.37 ng	97
31) Naphthalene	7.92	128	1756713	48.21 ng	99
32) Benzoic acid	7.73	122	249253	26.94 ng	97
33) 4-Chloroaniline	7.98	127	207453	12.63 ng	97
34) Hexachlorobutadiene	8.04	225	267301	43.75 ng	99
35) Caprolactam	8.37	113	87922	25.33 ng	83
36) 4-Chloro-3-methylphenol	8.49	107	516912	42.53 ng	95
37) 2-Methylnaphthalene	8.61	142	987858	44.58 ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	424151	46.66 ng	98
40) Hexachlorocyclopentadiene	8.77	237	303440	75.21 ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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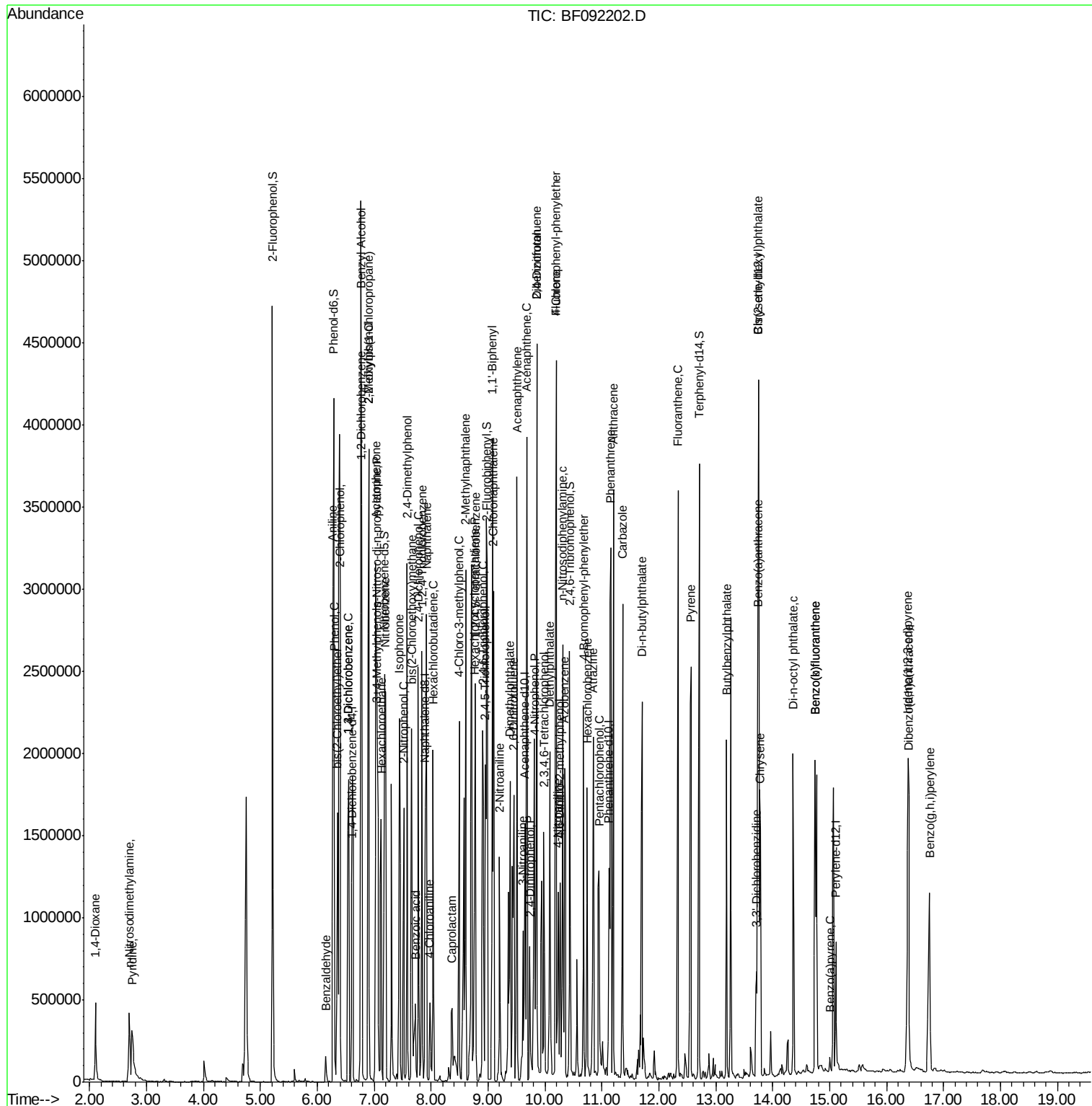
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	292461	46.01	ng	98
43) 2,4,5-Trichlorophenol	8.95	196	279048	42.65	ng	95
45) 1,1'-Biphenyl	9.08	154	1190119	48.31	ng	98
46) 2-Chloronaphthalene	9.10	162	929763	47.66	ng	97
47) 2-Nitroaniline	9.20	65	266684	38.39	ng	99
48) Acenaphthylene	9.51	152	1339478	44.64	ng	99
49) Dimethylphthalate	9.38	163	1231596	53.52	ng	99
50) 2,6-Dinitrotoluene	9.45	165	258117	51.25	ng	97
51) Acenaphthene	9.68	154	926140	45.53	ng	99
52) 3-Nitroaniline	9.61	138	127364	20.43	ng	94
53) 2,4-Dinitrophenol	9.74	184	184274	65.75	ng	# 93
54) Dibenzofuran	9.85	168	1225603	44.62	ng	98
55) 4-Nitrophenol	9.82	139	317563	75.04	ng	91
56) 2,4-Dinitrotoluene	9.85	165	261636	41.39	ng	# 69
57) Fluorene	10.20	166	1026207	51.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	228765	44.21	ng	98
59) Diethylphthalate	10.08	149	1007520	45.08	ng	99
60) 4-Chlorophenyl-phenylether	10.20	204	398903	45.58	ng	# 77
61) 4-Nitroaniline	10.23	138	213941	33.12	ng	97
62) Azobenzene	10.34	77	1141719	46.40	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	154529	47.62	ng	# 62
65) n-Nitrosodiphenylamine	10.31	169	795118	49.93	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	272897	48.88	ng	98
67) Hexachlorobenzene	10.74	284	291833	48.91	ng	98
68) Atrazine	10.85	200	231148	45.00	ng	95
69) Pentachlorophenol	10.95	266	243981	83.33	ng	100
70) Phenanthrene	11.16	178	1950877	67.04	ng	98
71) Anthracene	11.20	178	1387145	61.28	ng	98
72) Carbazole	11.36	167	1170045	53.07	ng	98
73) Di-n-butylphthalate	11.70	149	1563430	57.87	ng	# 97
74) Fluoranthene	12.33	202	1603197	64.45	ng	96
77) Pyrene	12.56	202	1538950	70.94	ng	98
79) Butylbenzylphthalate	13.19	149	572710	58.05	ng	85
80) Benzo(a)anthracene	13.74	228	966450	57.91	ng	99
81) 3,3'-Dichlorobenzidine	13.72	252	192976	30.49	ng	# 95
82) Chrysene	13.79	228	879084	52.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.75	149	735089	63.27	ng	100
84) Di-n-octyl phthalate	14.36	149	1148610	53.37	ng	98
85) Indeno(1,2,3-cd)pyrene	16.38	276	1076931	74.26	ng	99
87) Benzo(b)fluoranthene	14.75	252	1772418	84.61	ng	98
88) Benzo(k)fluoranthene	14.75	252	1772418	99.23	ng	99
89) Benzo(a)pyrene	15.01	252	44034	2.37	ng	98
90) Dibenzo(a,h)anthracene	16.39	278	863800	56.53	ng	# 95
91) Benzo(g,h,i)perylene	16.76	276	955080	60.11	ng	98

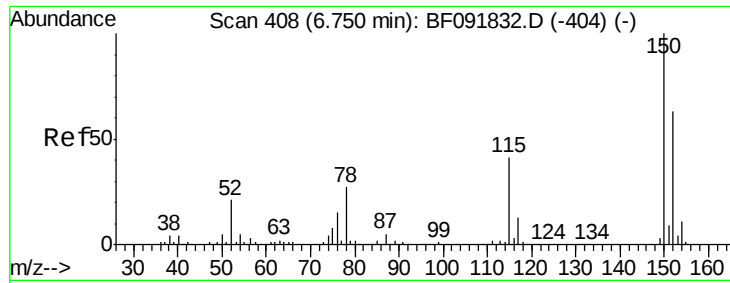
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

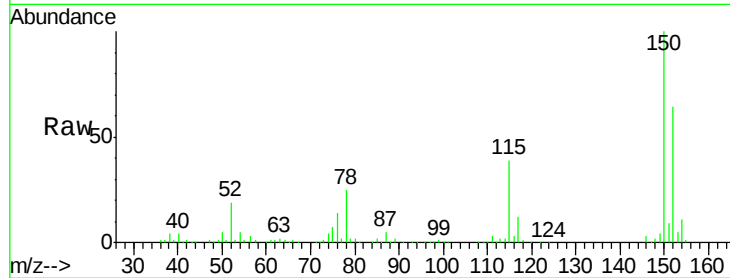
Tgt Ion:152 Resp: 182288

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

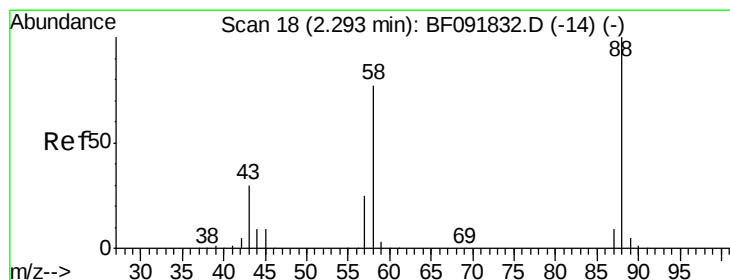
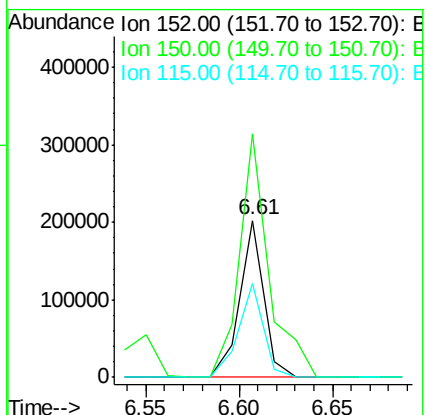
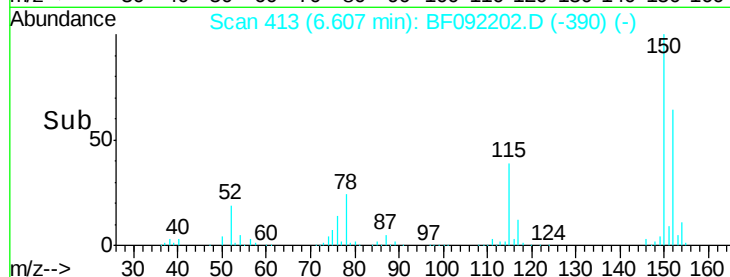
115 59.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.51 ng

RT: 2.10 min Scan# 19

Delta R.T. 0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

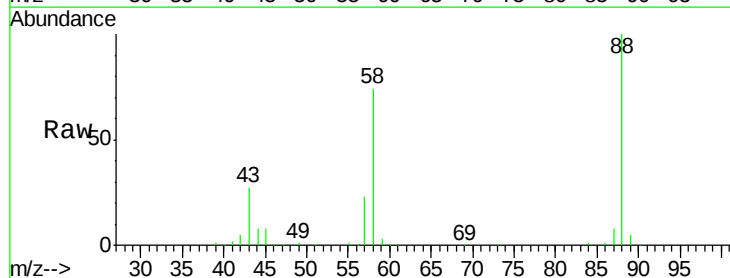
Tgt Ion: 88 Resp: 239254

Ion Ratio Lower Upper

88 100

58 75.9 57.8 86.8

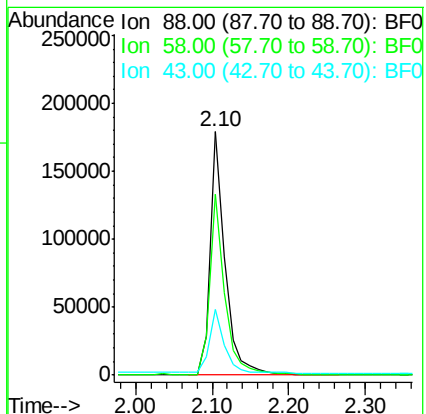
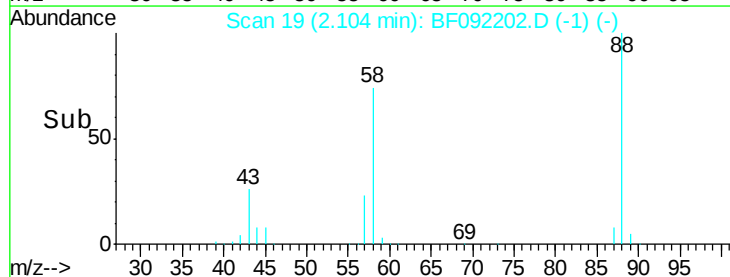
43 28.5 22.3 33.5

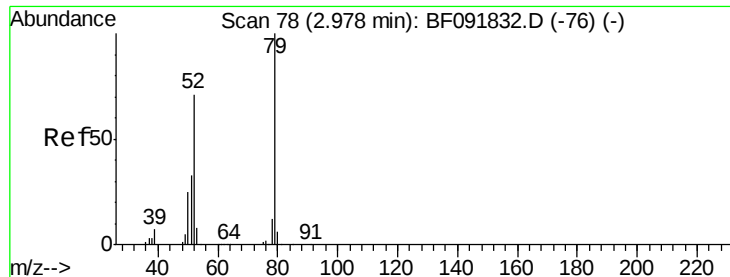


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.97 ng

RT: 2.74 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

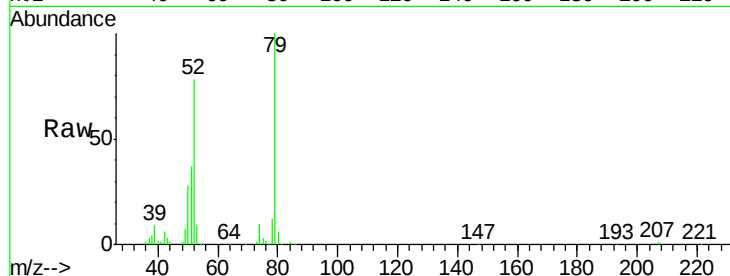
Tgt Ion: 79 Resp: 299636

Ion Ratio Lower Upper

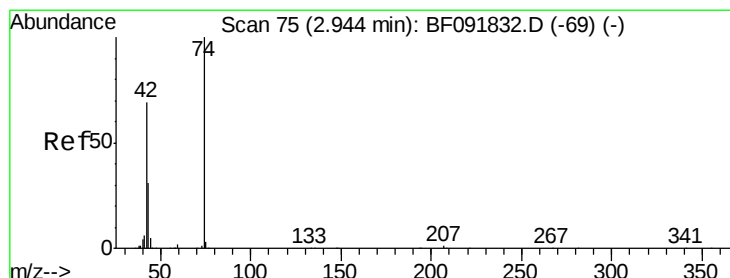
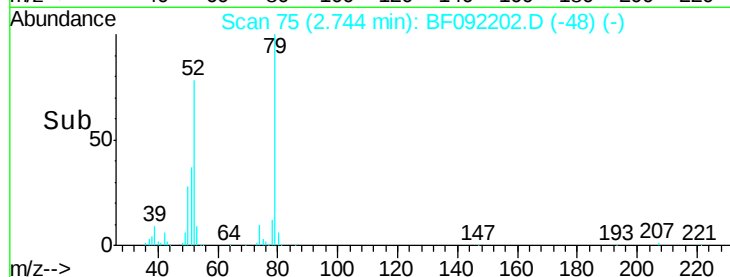
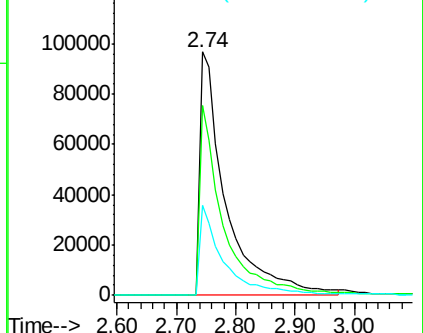
79 100

52 78.0 57.1 85.7

51 36.7 27.3 40.9



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



#4

n-Nitrosodimethylamine

Concen: 36.67 ng

RT: 2.70 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

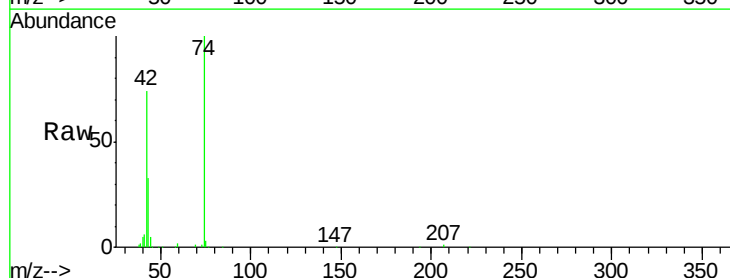
Tgt Ion: 42 Resp: 259506

Ion Ratio Lower Upper

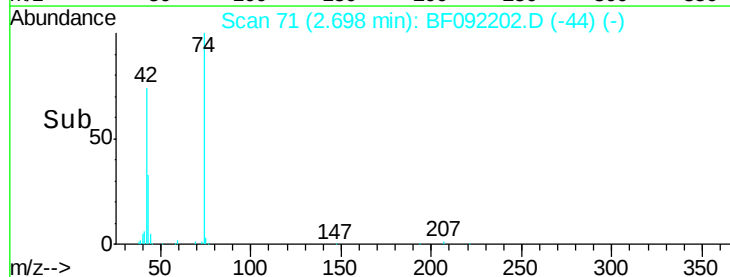
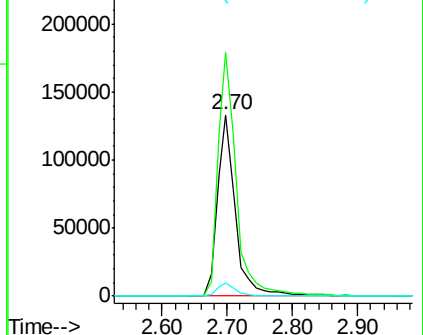
42 100

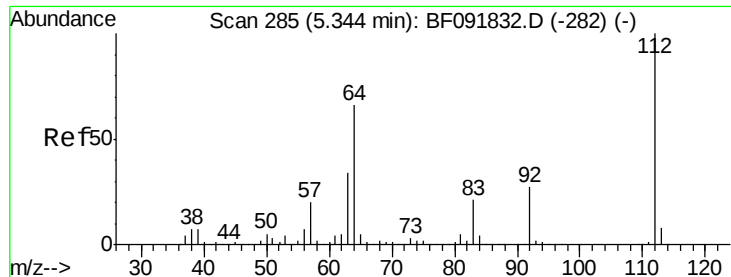
74 134.6 117.0 175.4

44 7.0 5.5 8.3



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





#5

2-Fluorophenol

Concen: 129.75 ng

RT: 5.21 min Scan# 291

Delta R.T. -0.02 min

Lab File: BF092202.D

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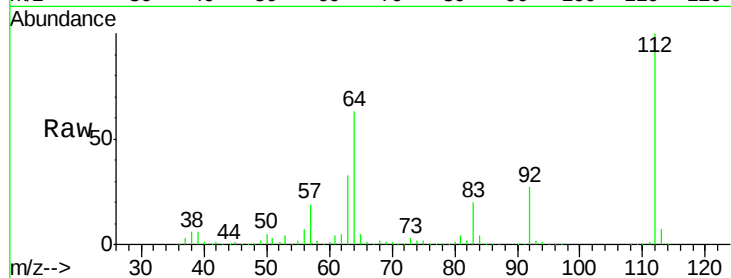
Tgt Ion:112 Resp: 1416509

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

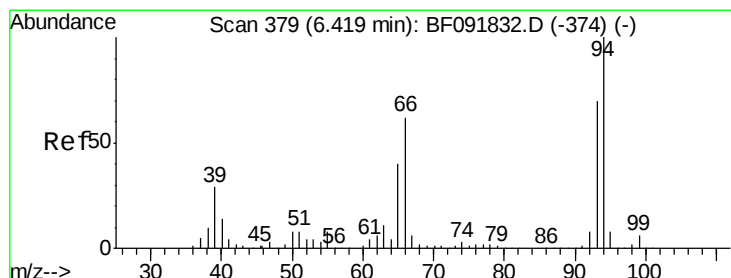
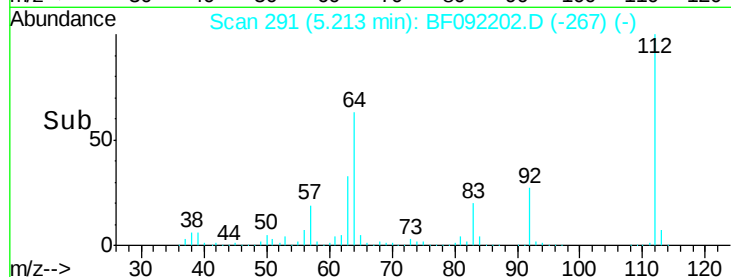
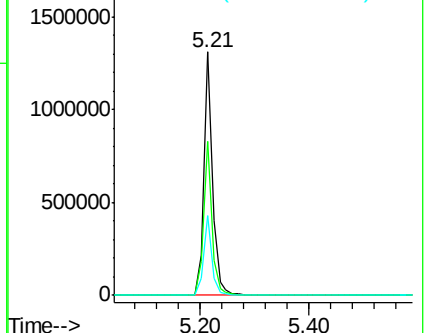
63 32.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.57 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

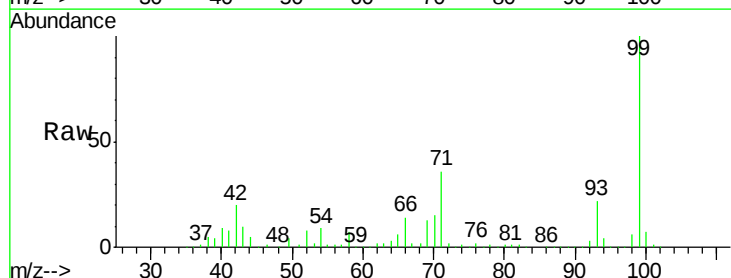
Tgt Ion: 93 Resp: 286902

Ion Ratio Lower Upper

93 100

66 66.2 76.2 114.2#

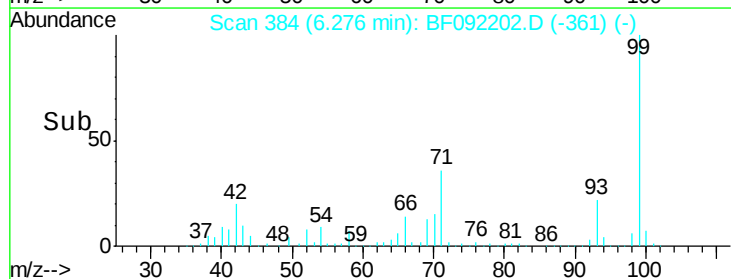
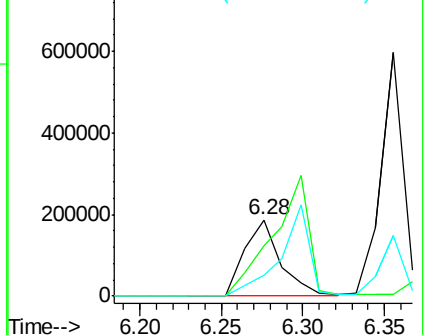
65 28.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.18 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.02 min

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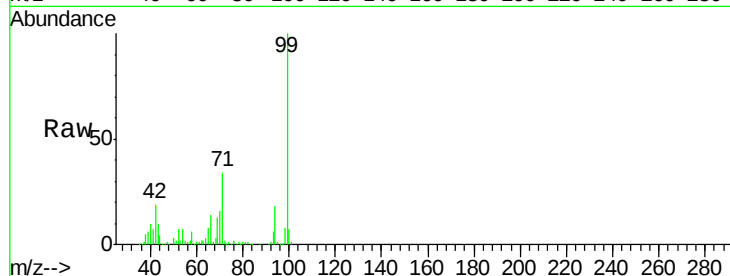
Tgt Ion: 99 Resp: 1615161

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

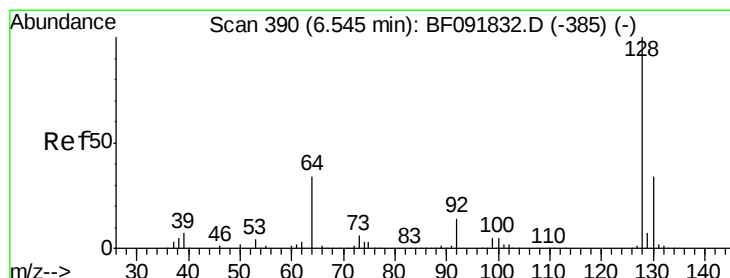
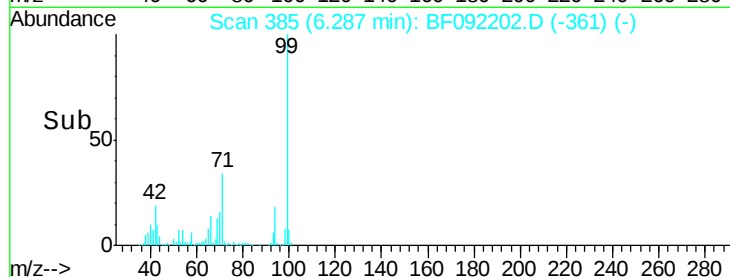
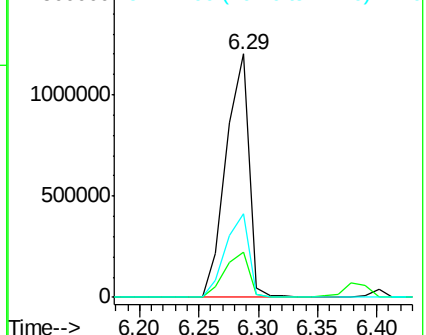
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 53.31 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

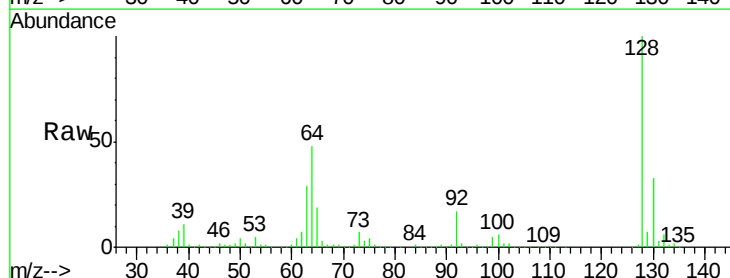
Tgt Ion: 128 Resp: 661975

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

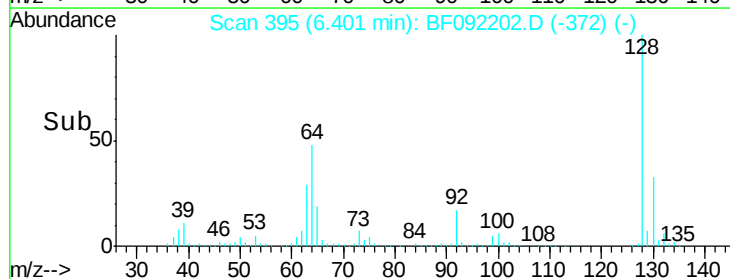
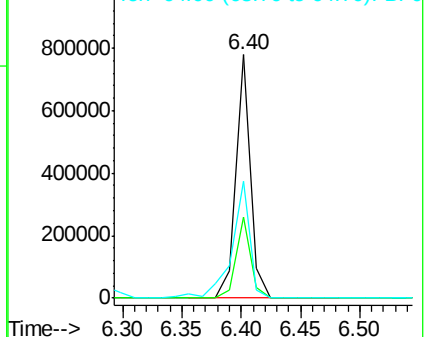
64 48.2 32.2 72.2

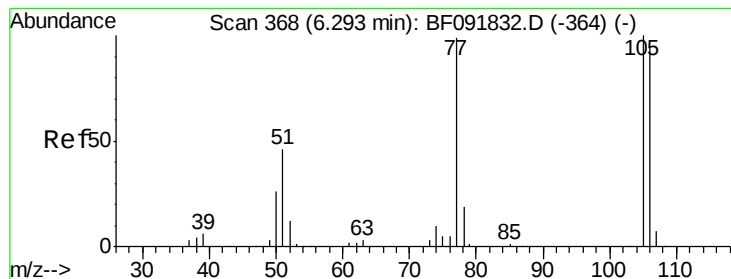


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.53 ng

RT: 6.15 min Scan# 373

Delta R.T. -0.03 min

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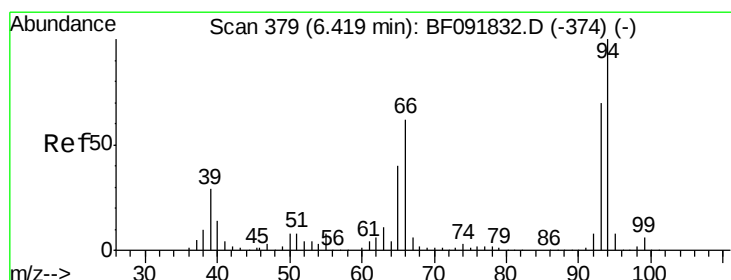
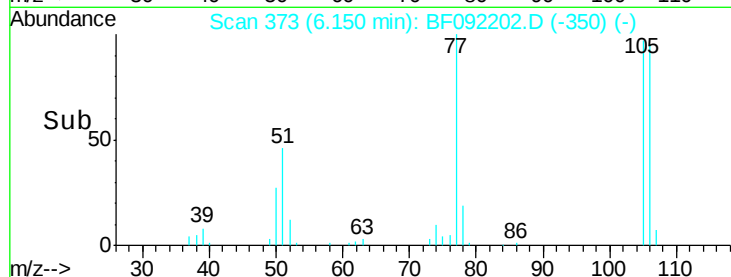
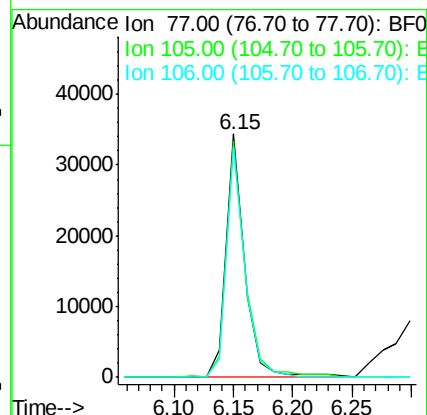
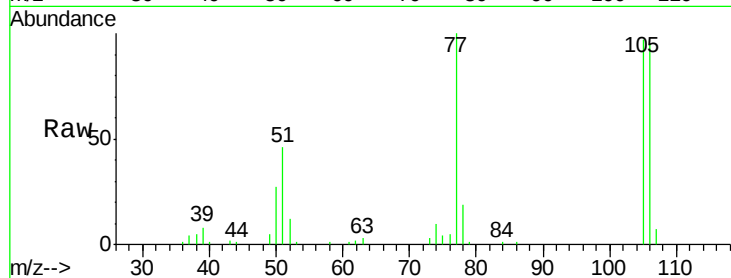
Tgt Ion: 77 Resp: 37345

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

106 94.7 77.6 117.6



#10

Phenol

Concen: 51.34 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

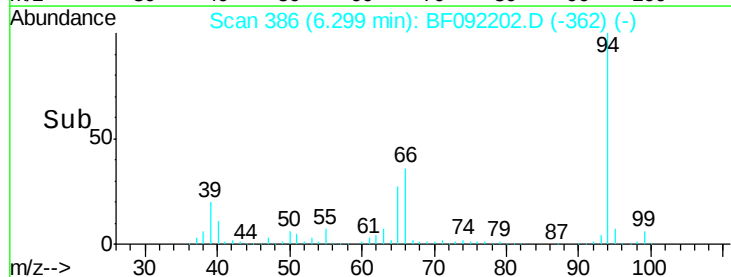
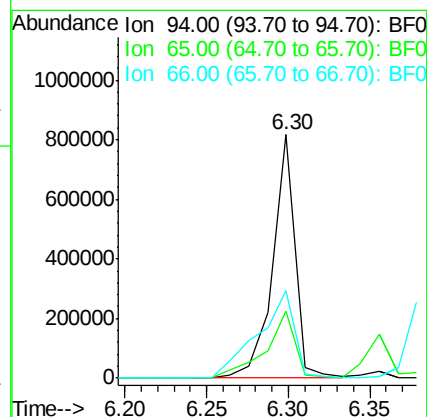
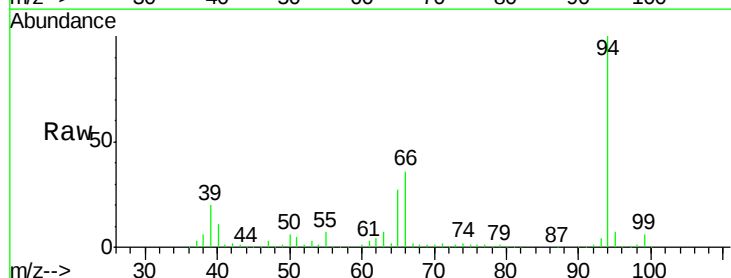
Tgt Ion: 94 Resp: 779732

Ion Ratio Lower Upper

94 100

65 27.3 21.4 61.4

66 36.1 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.51 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

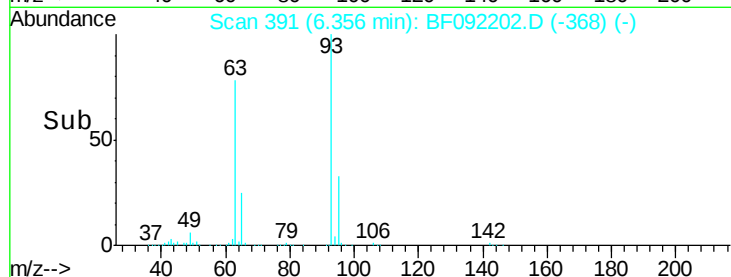
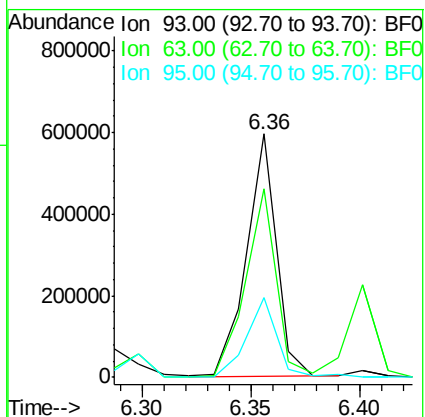
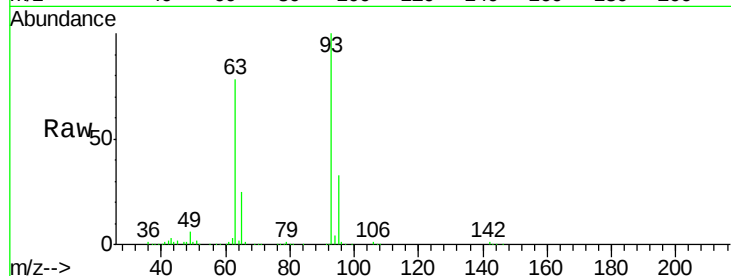
Tgt Ion: 93 Resp: 562105

Ion Ratio Lower Upper

93 100

63 77.7 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 47.07 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

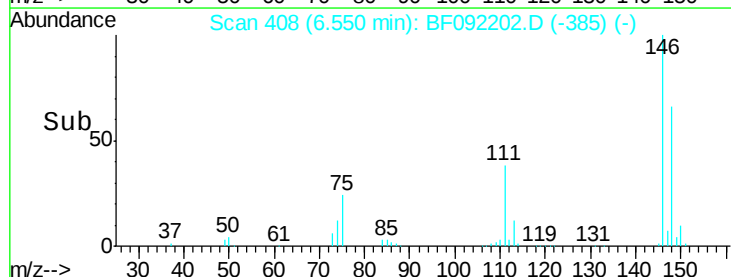
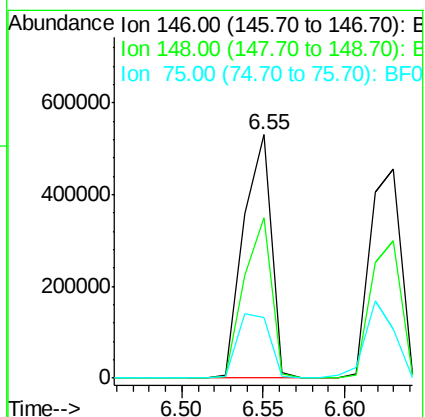
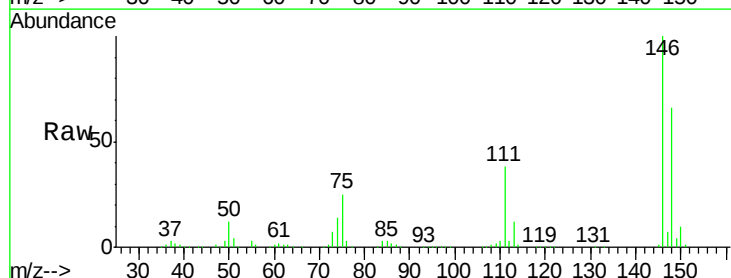
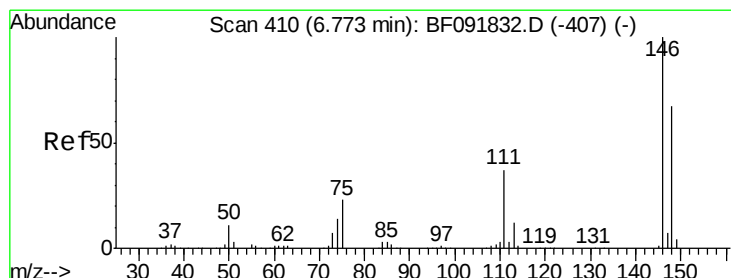
Tgt Ion: 146 Resp: 623941

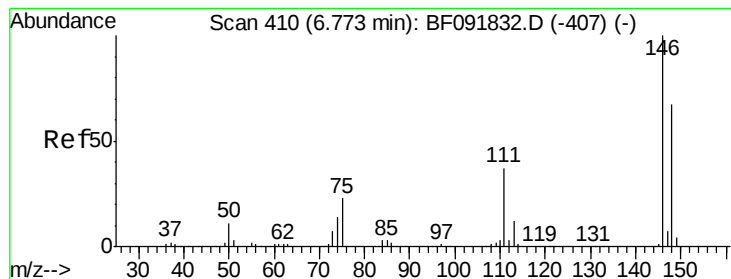
Ion Ratio Lower Upper

146 100

148 65.8 53.4 80.0

75 24.7 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 46.24 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.11 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

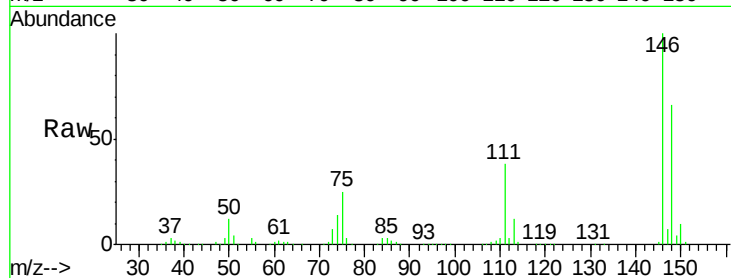
Tgt Ion:146 Resp: 623941

Ion Ratio Lower Upper

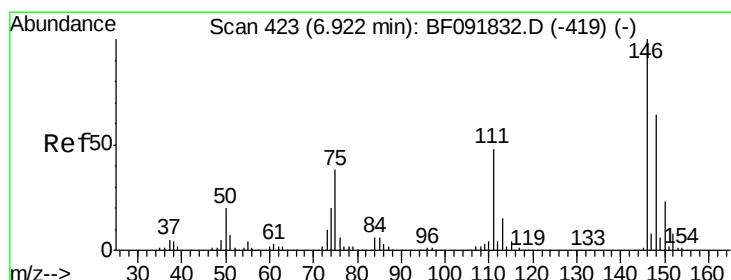
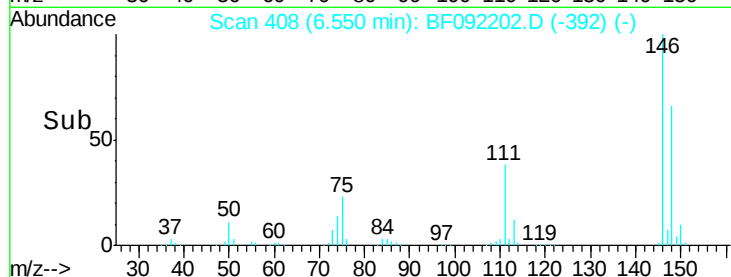
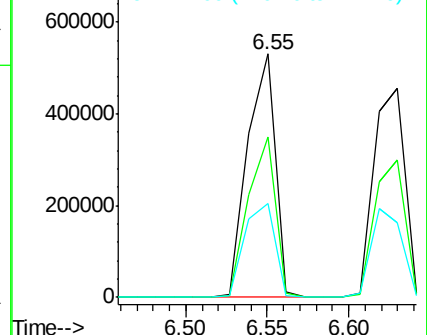
146 100

148 65.8 50.6 76.0

111 38.5 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 49.19 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

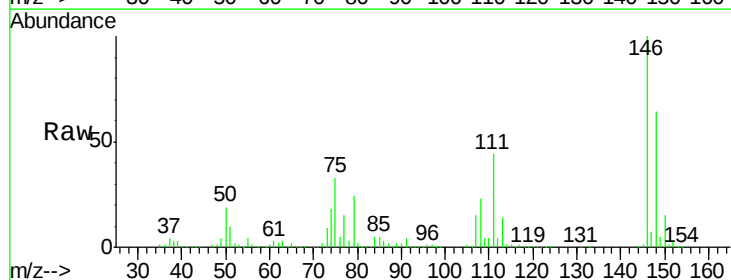
Tgt Ion:146 Resp: 575927

Ion Ratio Lower Upper

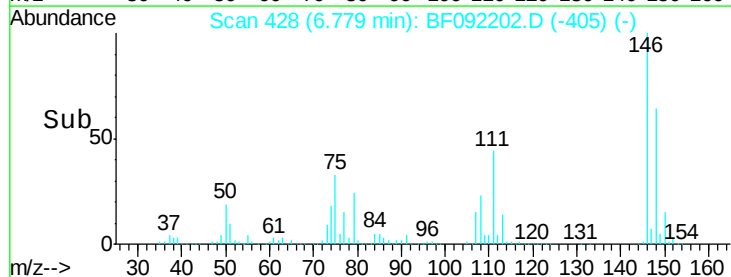
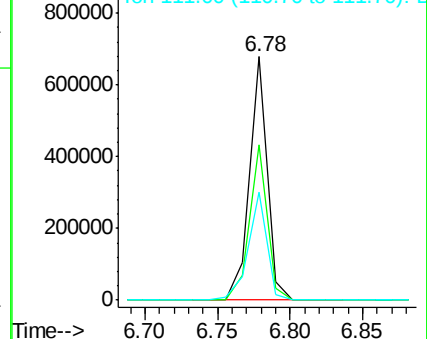
146 100

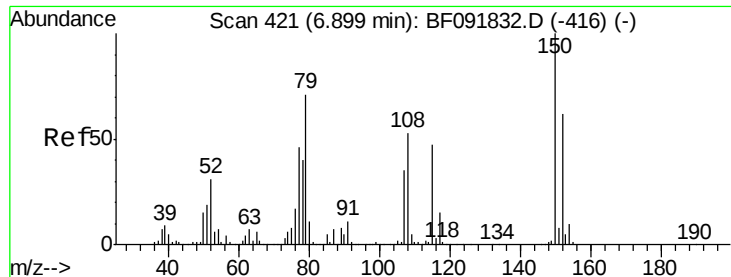
148 63.7 52.2 78.2

111 44.5 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 46.49 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

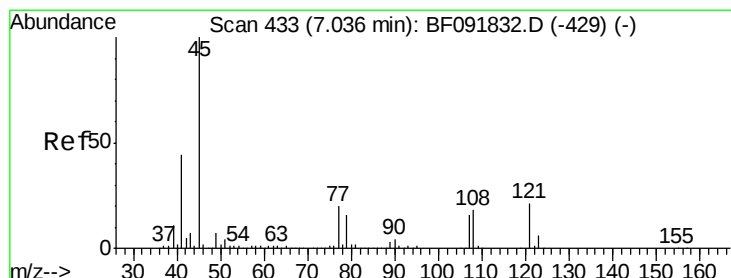
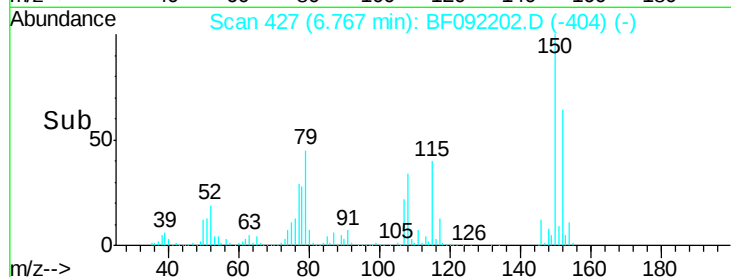
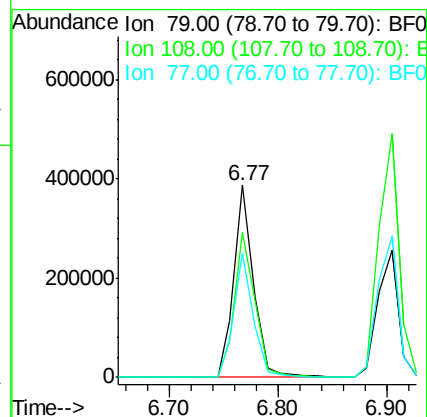
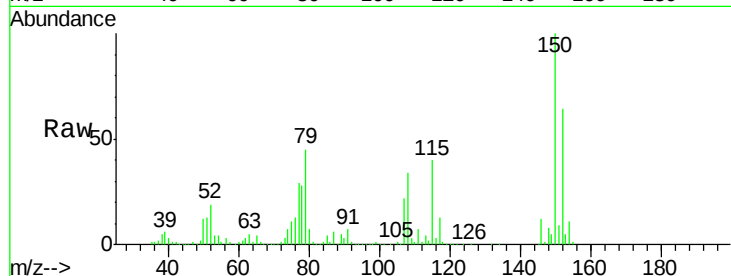
Tgt Ion: 79 Resp: 481455

Ion Ratio Lower Upper

79 100

108 75.5 61.4 92.0

77 64.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.07 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

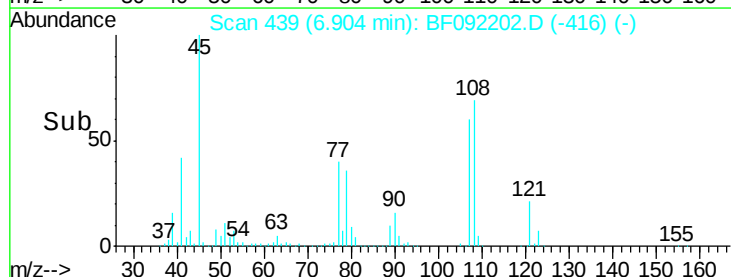
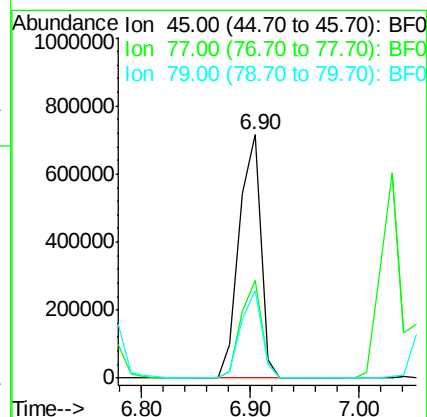
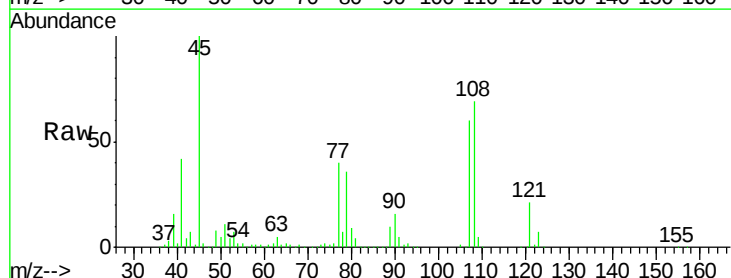
Tgt Ion: 45 Resp: 973171

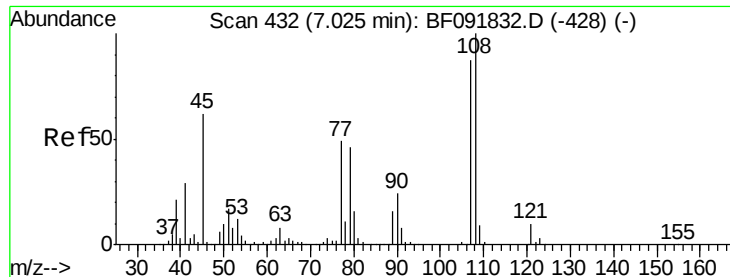
Ion Ratio Lower Upper

45 100

77 39.9 0.0 34.6#

79 35.8 0.0 31.2#





#17

2-Methylphenol

Concen: 56.26 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

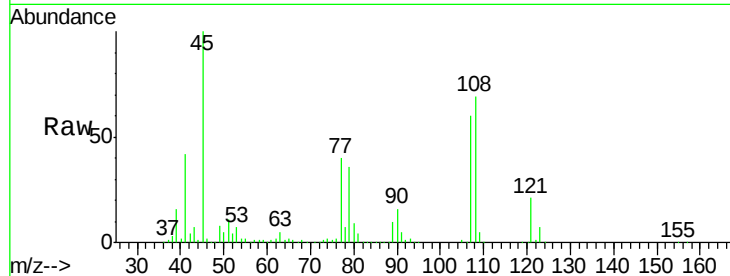
Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

Tgt Ion:	107	Resp:	561914
Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.0	139.6
77	66.0	39.8	59.8#
79	59.2	38.0	57.0#



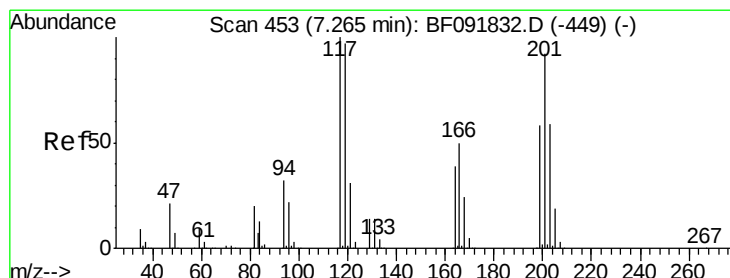
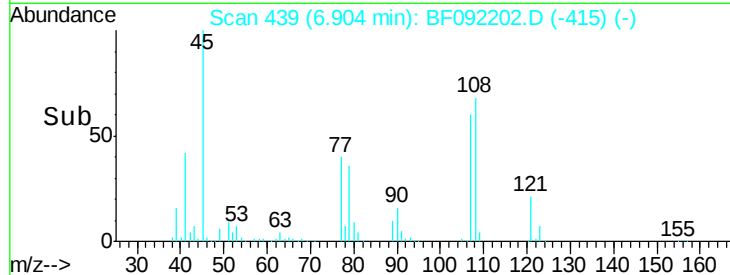
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 50.81 ng

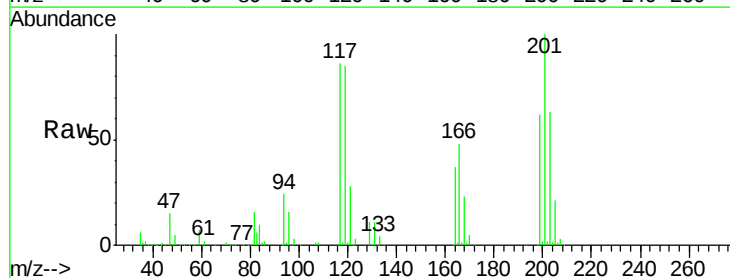
RT: 7.12 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Tgt Ion:	117	Resp:	254157
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.1	117.1
201	116.1	78.6	117.8

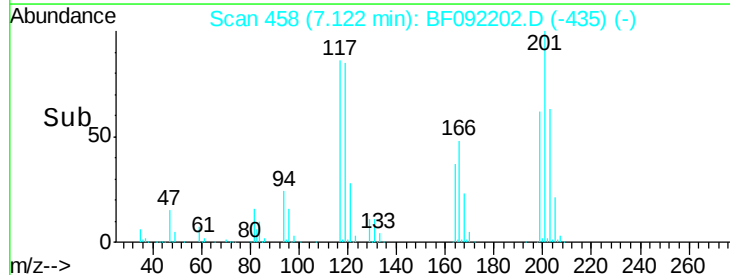


Abundance Ion 117.00 (116.70 to 117.70): E

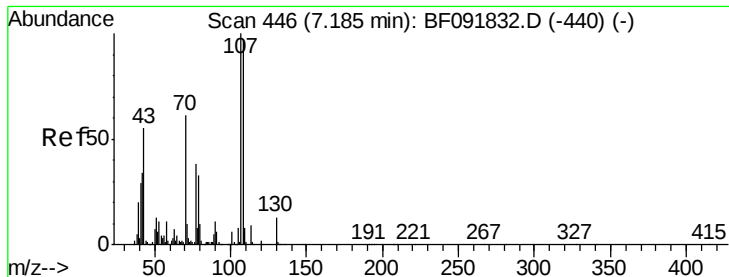
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



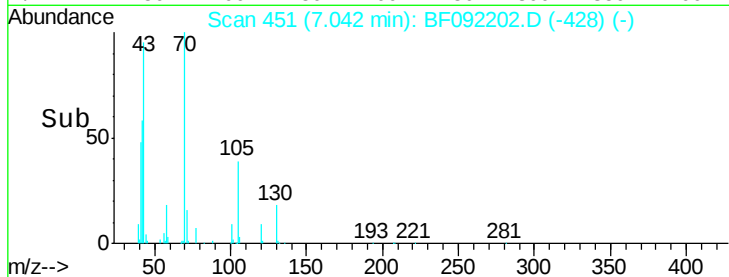
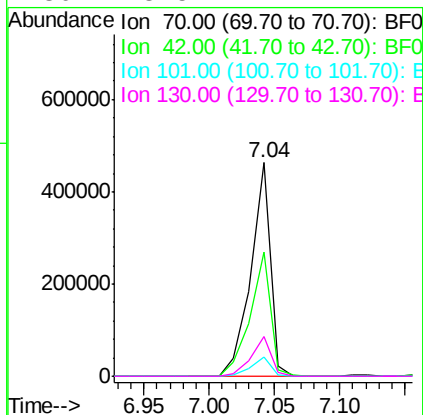
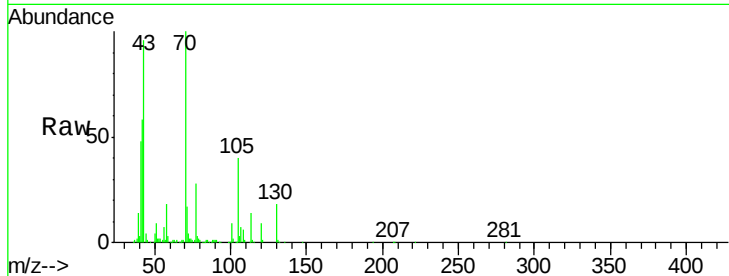
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 55.12 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

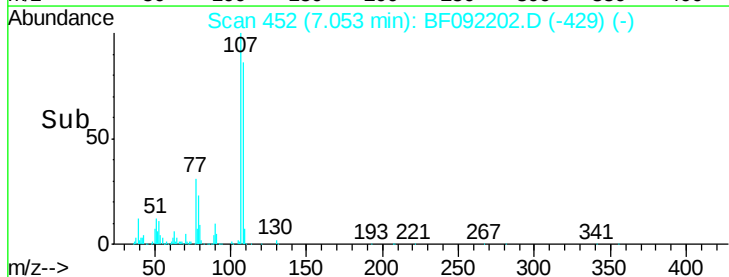
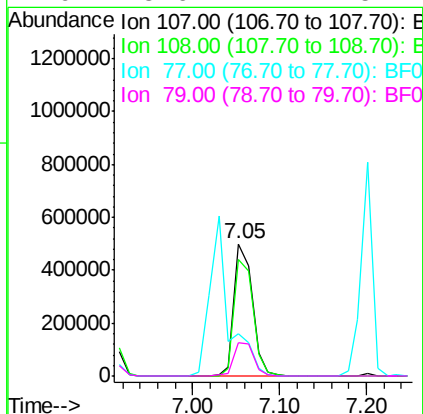
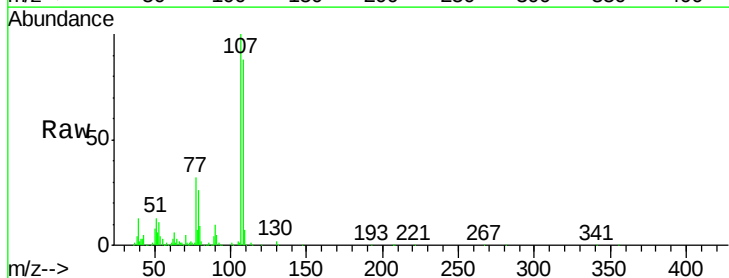
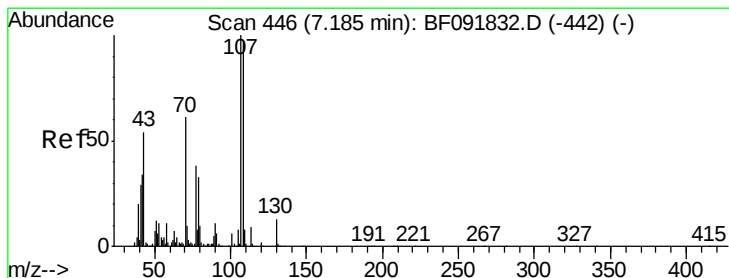
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

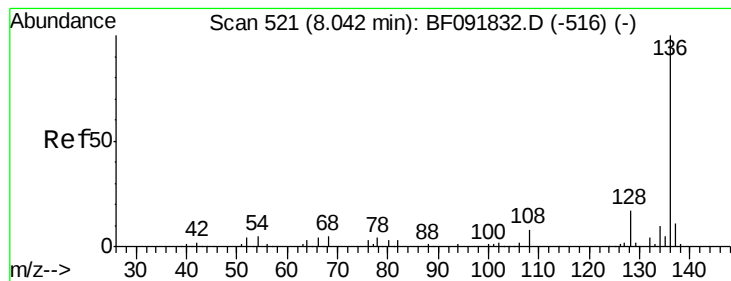
Tgt Ion:	70	Resp:	488737
Ion	Ratio	Lower	Upper
70	100		
42	58.4	49.4	74.0
101	8.9	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 61.21 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:	107	Resp:	729105
Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.0	113.0
77	32.2	71.3	111.3#
79	25.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

Tgt Ion:136 Resp: 796133

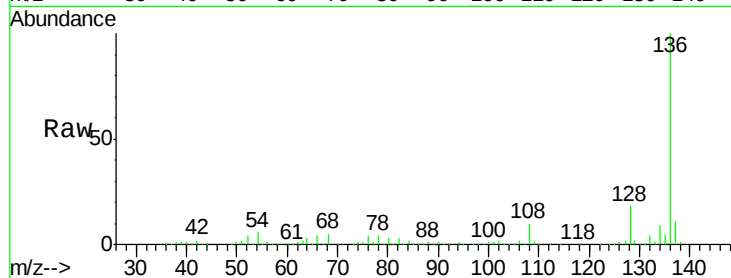
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.4 4.5 6.7

68 5.4 3.6 5.4#

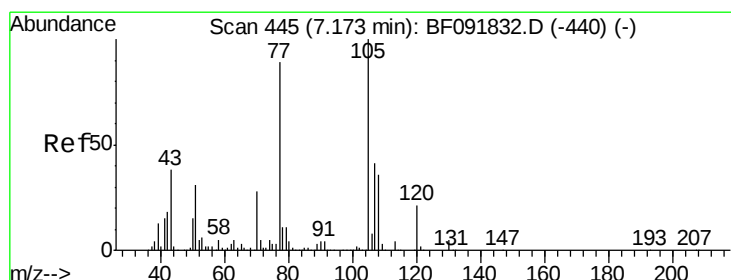
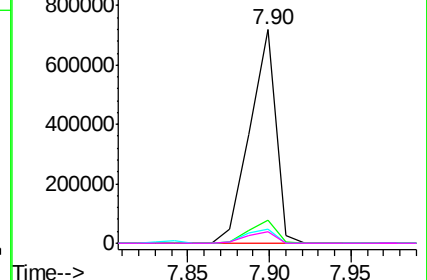
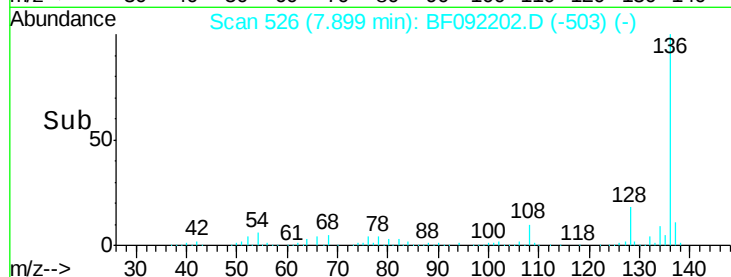


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.17 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Tgt Ion:105 Resp: 965558

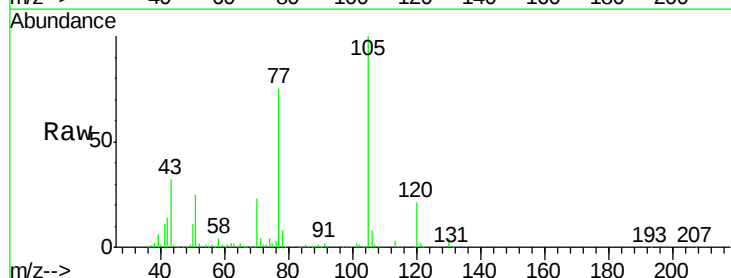
Ion Ratio Lower Upper

105 100

71 3.7 3.2 4.8

51 24.6 26.2 39.4#

120 21.0 16.6 24.8

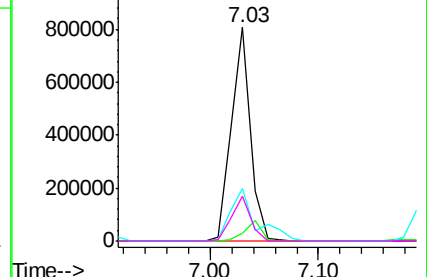
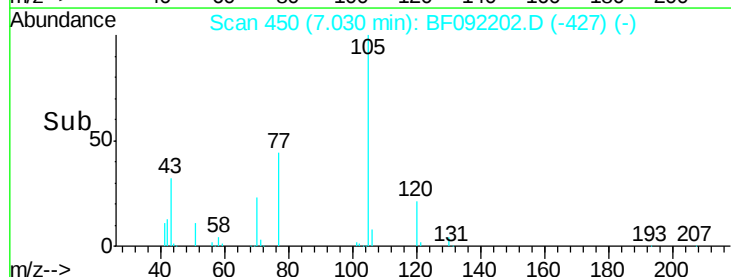


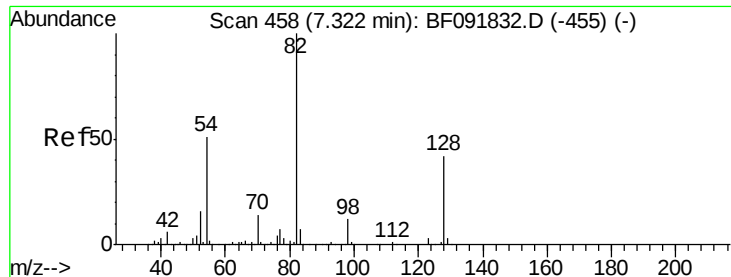
Abundance Ion 105.00 (104.70 to 105.70): E

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

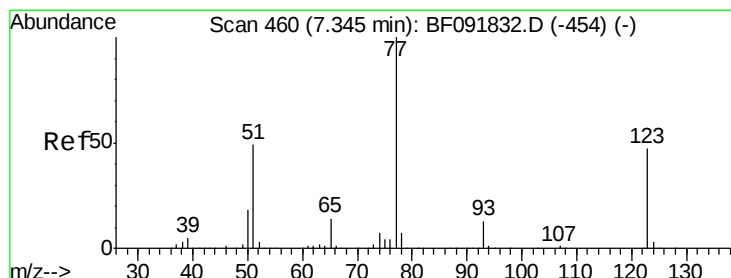
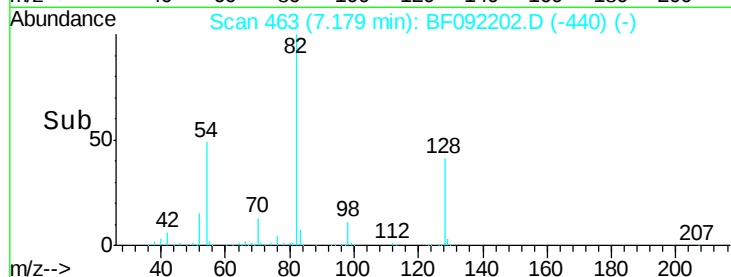
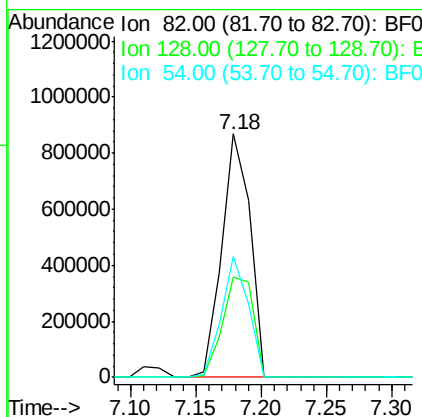
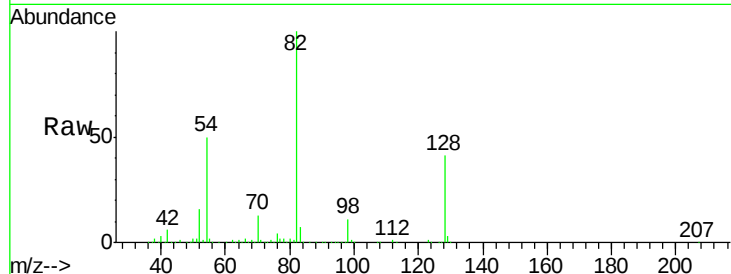




#23
 Nitrobenzene-d5
 Concen: 90.73 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

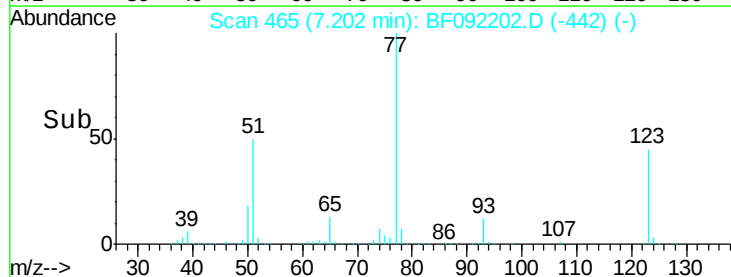
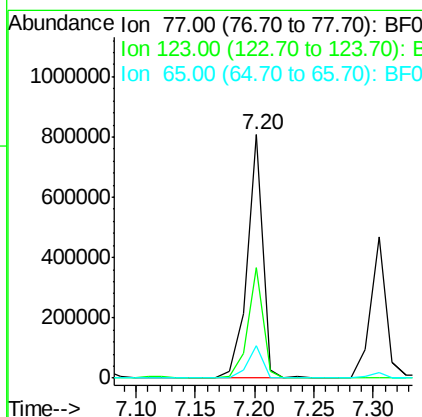
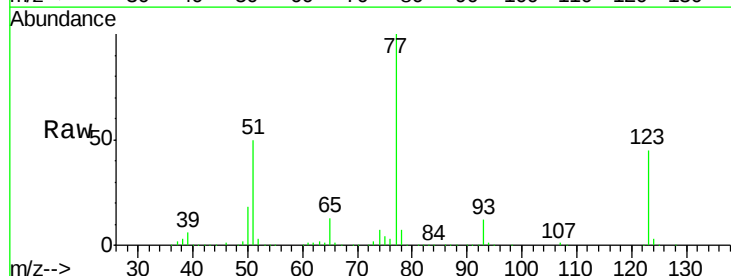
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Tgt Ion: 82 Resp: 1299010
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 49.7 39.5 59.3



#24
 Nitrobenzene
 Concen: 48.30 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion: 77 Resp: 736521
 Ion Ratio Lower Upper
 77 100
 123 45.2 33.0 49.4
 65 13.4 11.2 16.8





#25

Isophorone

Concen: 49.66 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

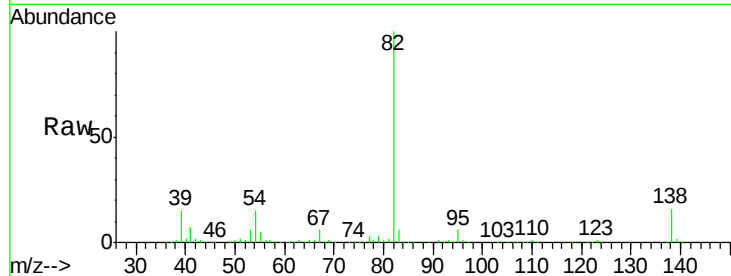
Tgt Ion: 82 Resp: 1311887

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

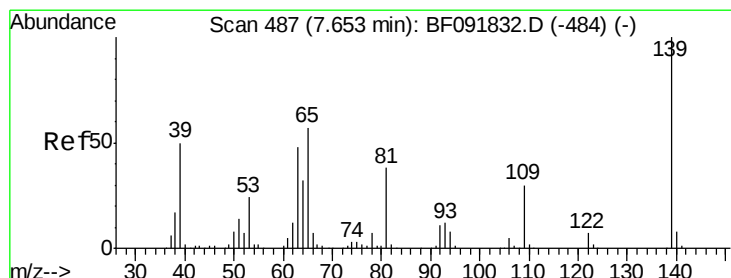
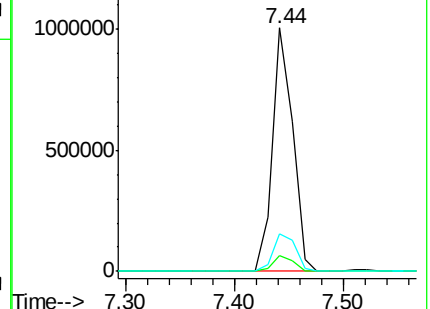
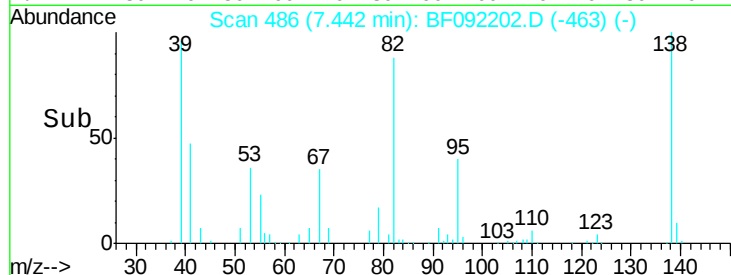
138 15.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.09 ng

RT: 7.52 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

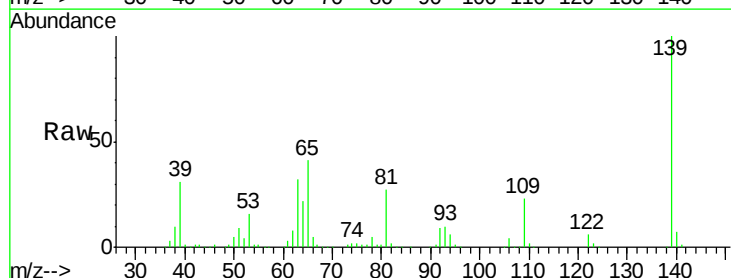
Tgt Ion: 139 Resp: 414306

Ion Ratio Lower Upper

139 100

109 23.3 23.3 34.9#

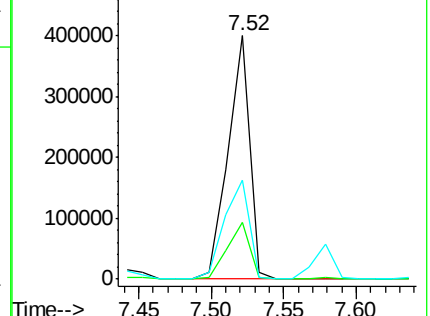
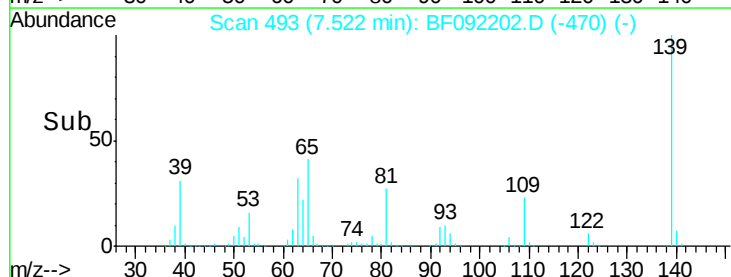
65 40.9 42.7 64.1#

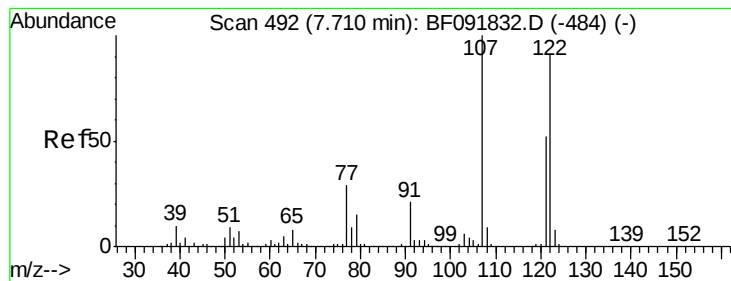


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.35 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

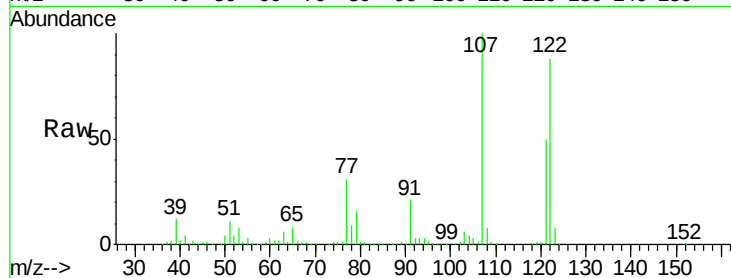
Tgt Ion:122 Resp: 578140

Ion Ratio Lower Upper

122 100

107 114.1 94.1 141.1

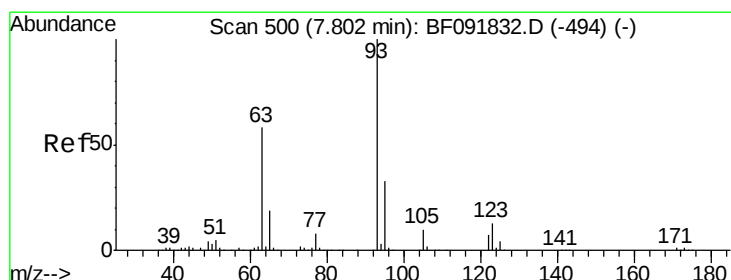
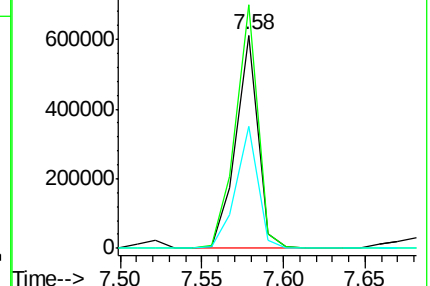
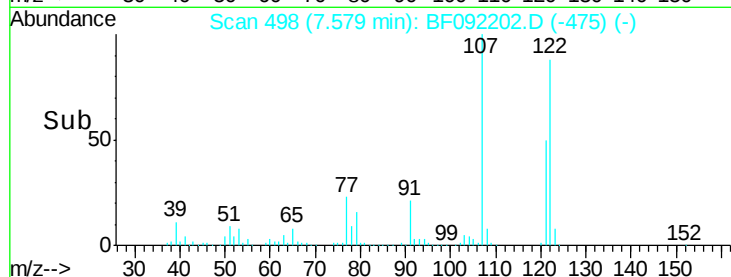
121 56.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.97 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

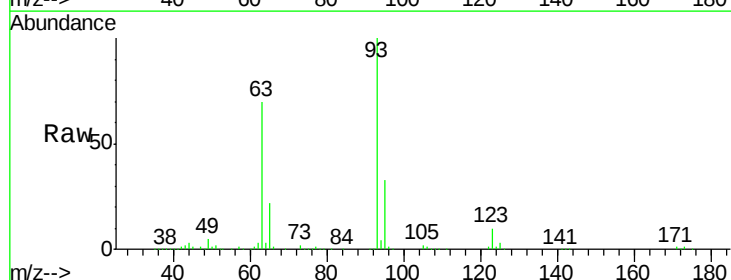
Tgt Ion: 93 Resp: 800421

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

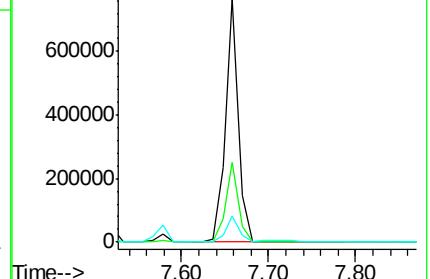
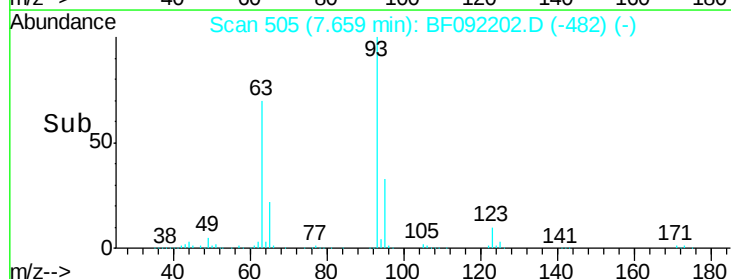
123 10.5 8.6 13.0

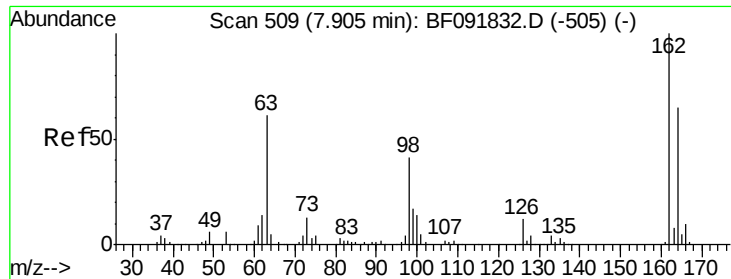


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

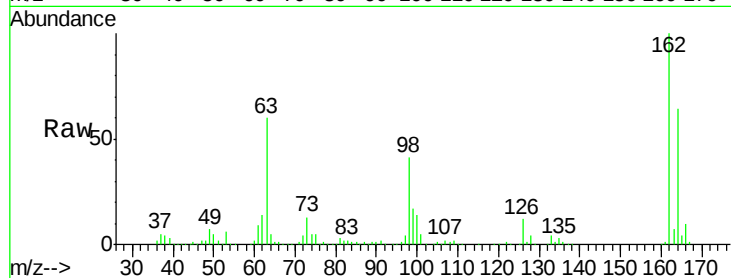




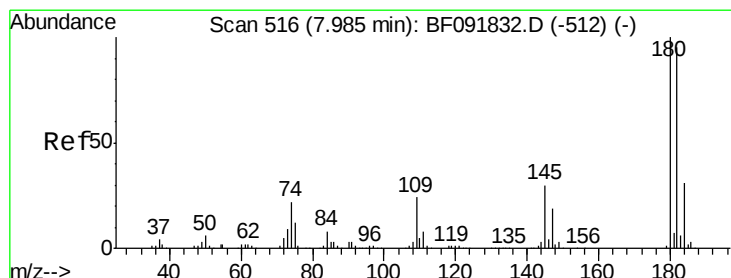
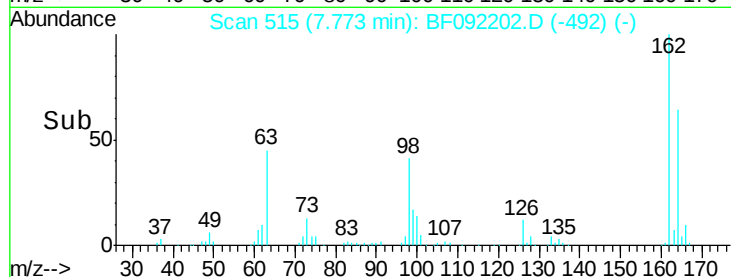
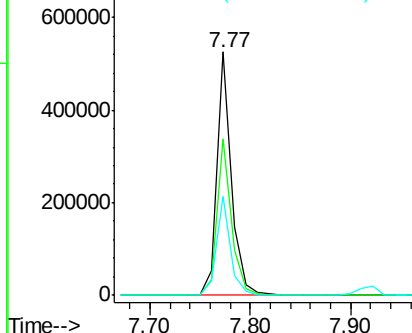
#29
 2,4-Dichlorophenol
 Concen: 49.31 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	40.6	9.1	49.1

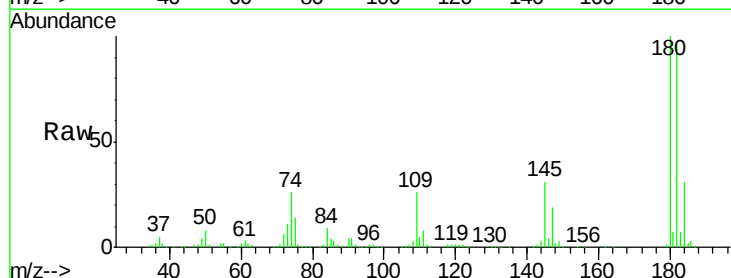


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

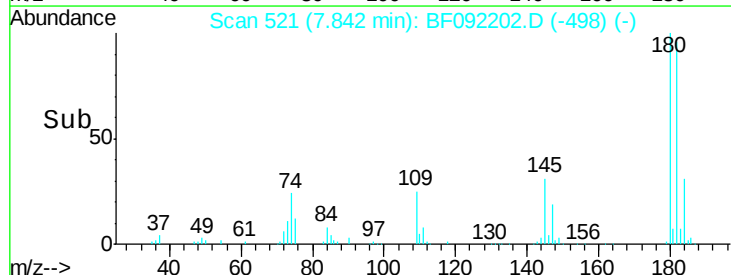
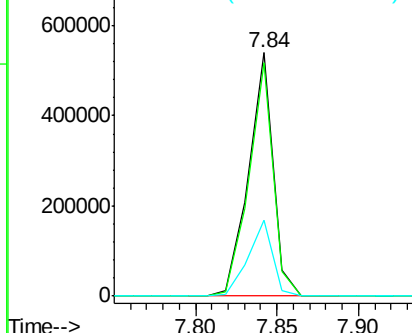


#30
 1,2,4-Trichlorobenzene
 Concen: 48.37 ng
 RT: 7.84 min Scan# 521
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
145	31.3	21.6	32.4



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





#31

Naphthalene

Concen: 48.21 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

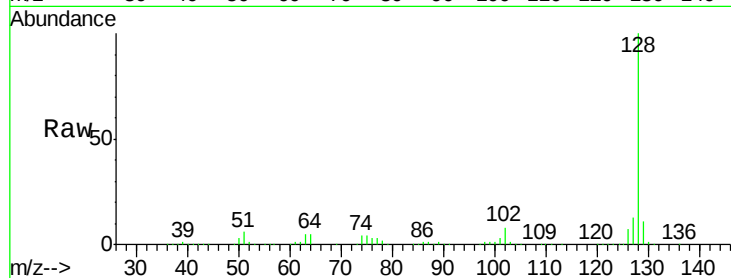
Tgt Ion:128 Resp: 1756713

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

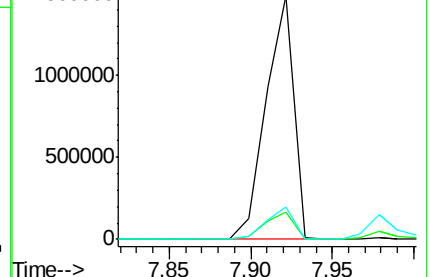
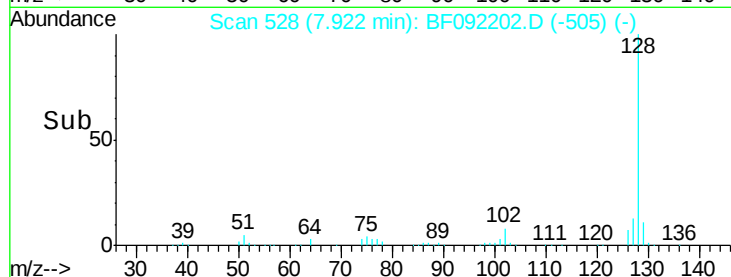
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.94 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

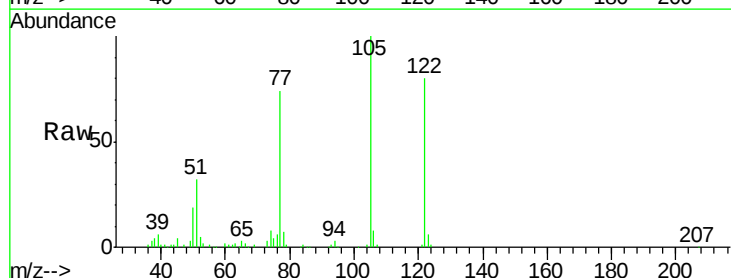
Tgt Ion:122 Resp: 249253

Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

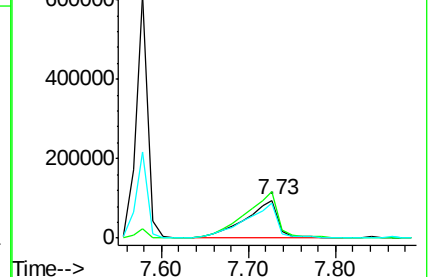
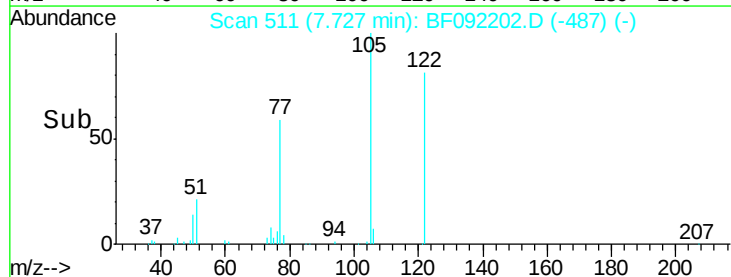
77 91.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

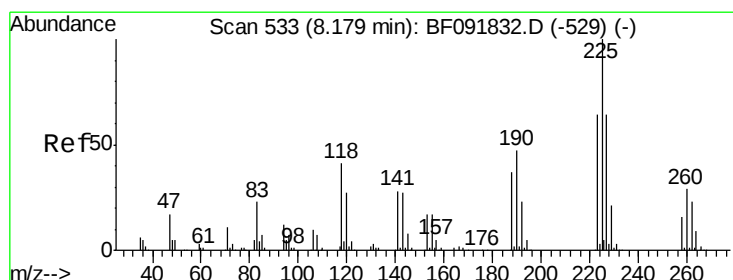
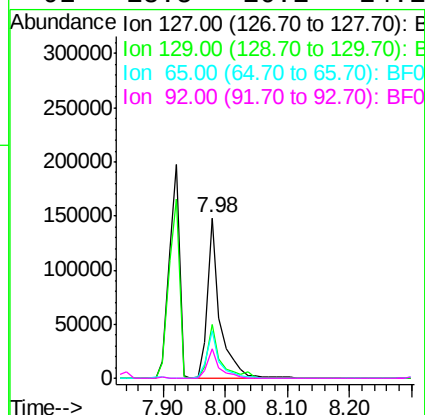
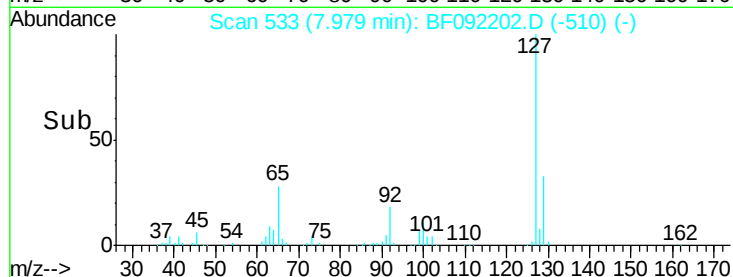
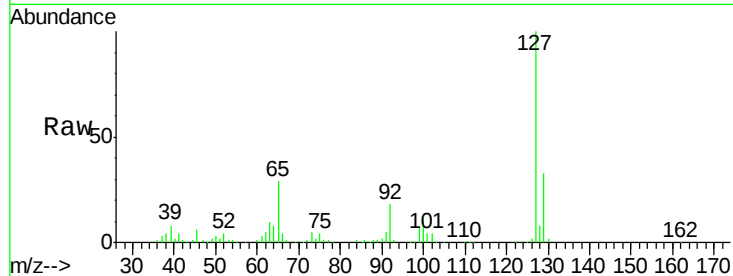




#33
4-Chloroaniline
Concen: 12.63 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

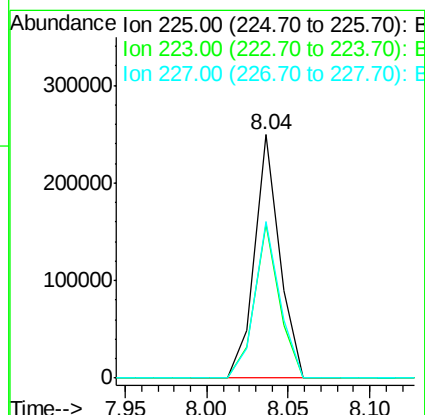
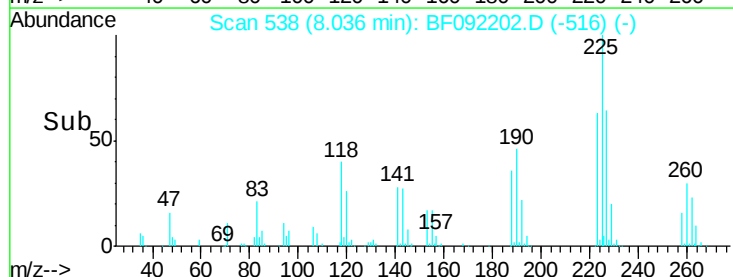
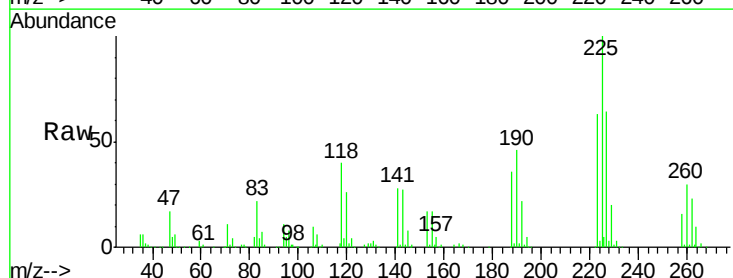
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

Tgt Ion:	127	Resp:	207453
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	29.4	25.8	38.8
92	18.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 43.75 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:	225	Resp:	267301
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	64.1	50.6	76.0

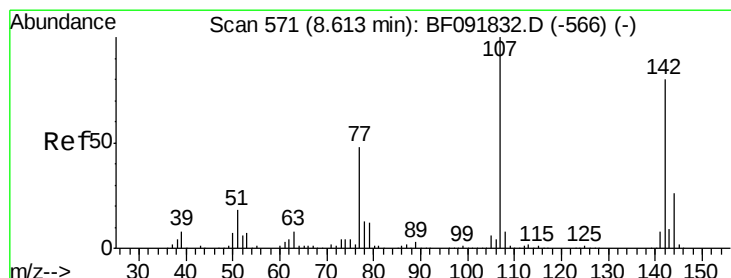
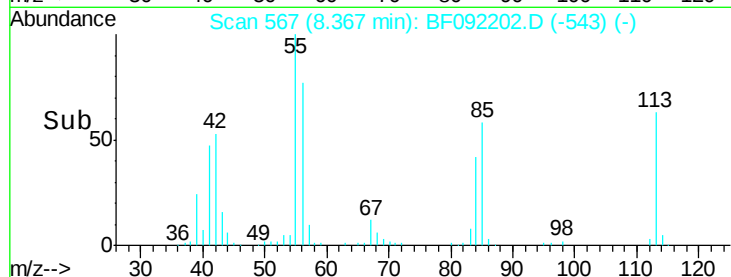
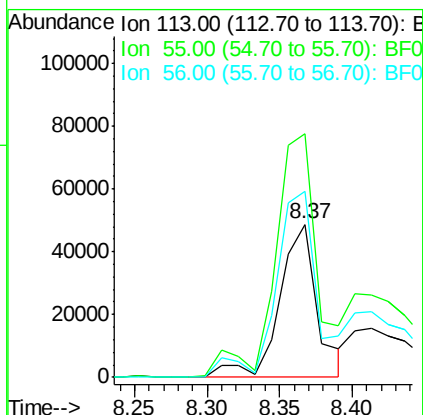
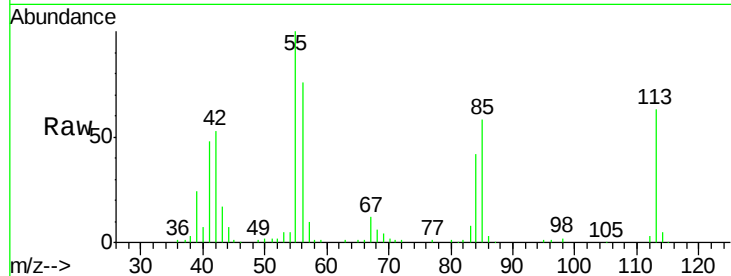




#35
 Caprolactam
 Concen: 25.33 ng
 RT: 8.37 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

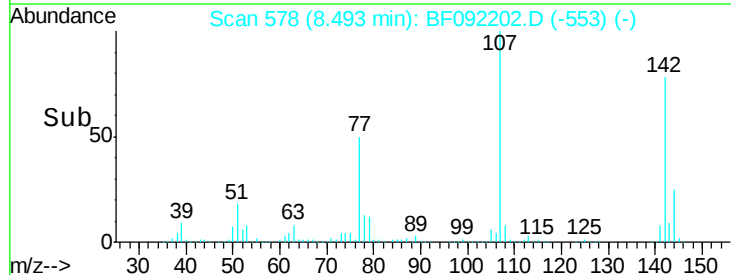
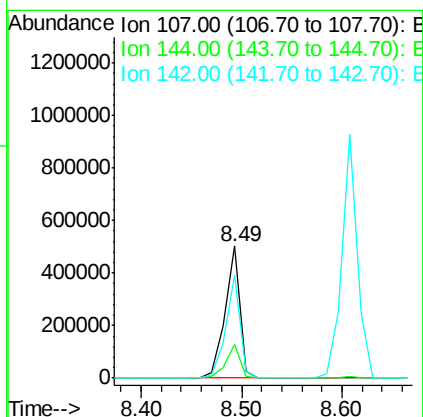
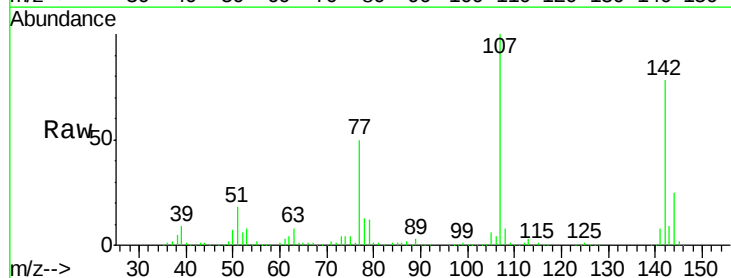
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

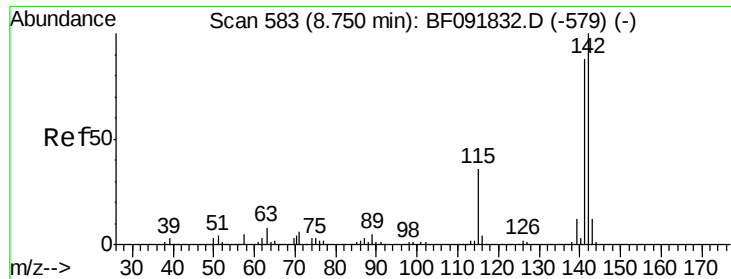
Tgt Ion:113 Resp: 87922
 Ion Ratio Lower Upper
 113 100
 55 159.1 119.2 159.2
 56 121.2 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.53 ng
 RT: 8.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:107 Resp: 516912
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 78.2 59.0 88.6

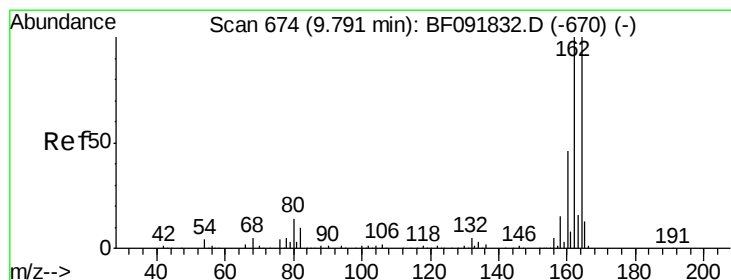
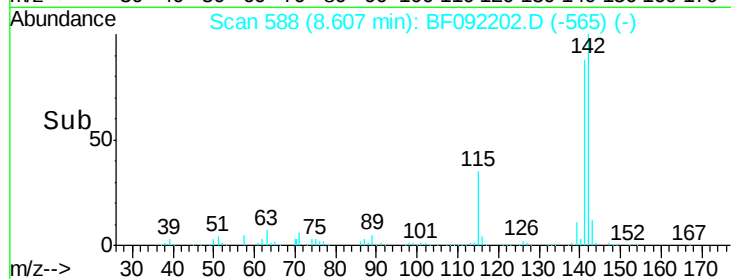
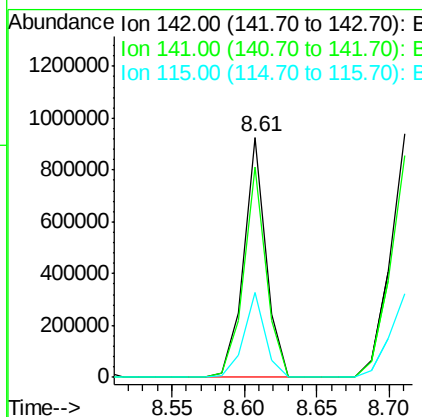
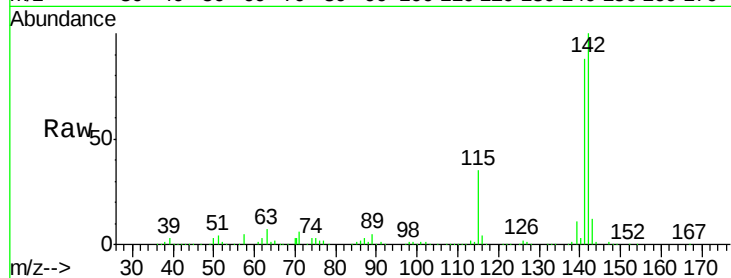




#37
2-Methylnaphthalene
Concen: 44.58 ng
RT: 8.61 min Scan# 588
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

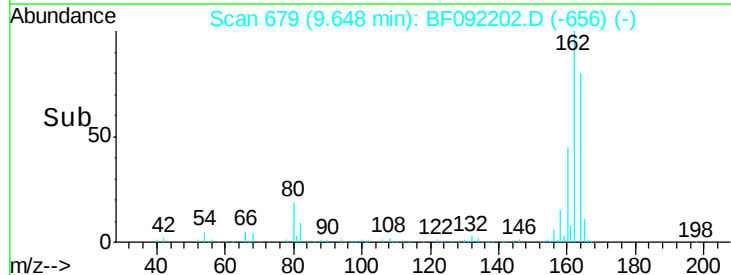
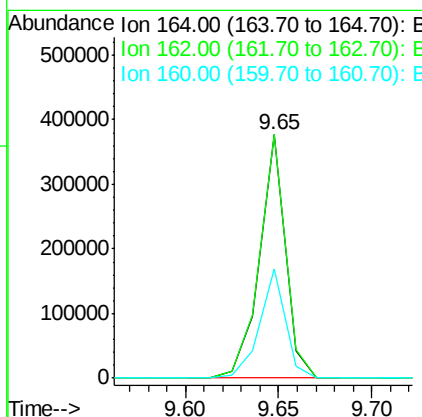
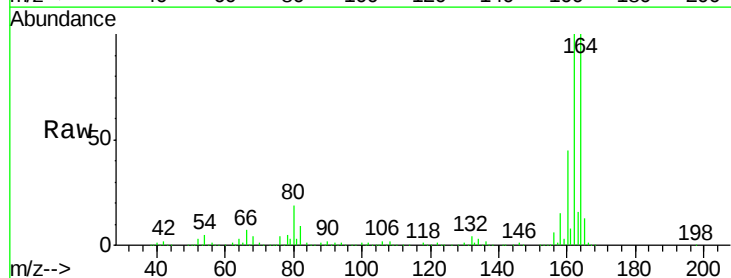
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

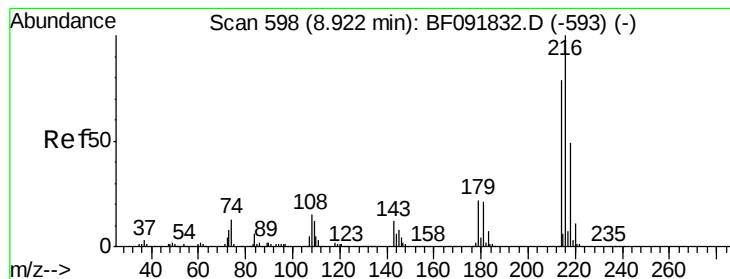
Tgt Ion:142 Resp: 987858
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 35.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:164 Resp: 359786
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 44.7 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.66 ng

RT: 8.78 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

Tgt Ion:216 Resp: 424151

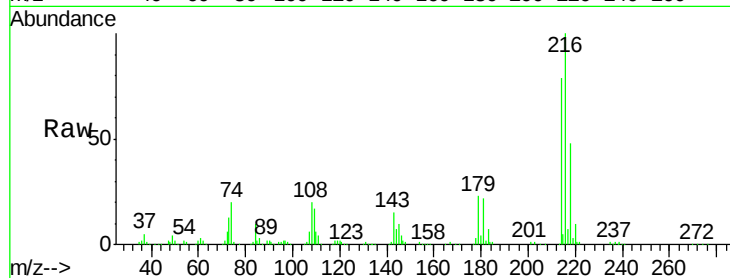
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.9 17.4 26.2

108 22.7 15.6 23.4

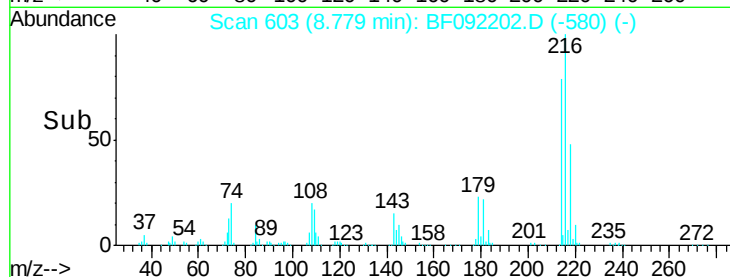


Abundance Ion 216.00 (215.70 to 216.70): E

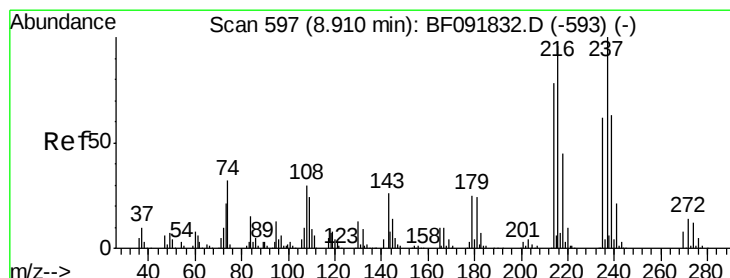
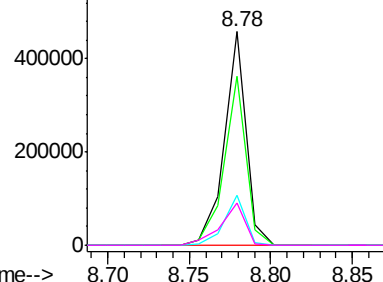
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 75.21 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

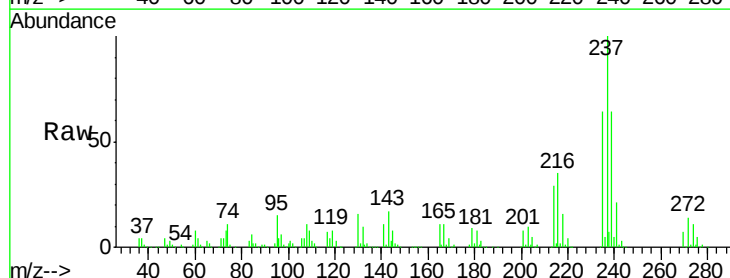
Tgt Ion:237 Resp: 303440

Ion Ratio Lower Upper

237 100

235 63.6 41.2 81.2

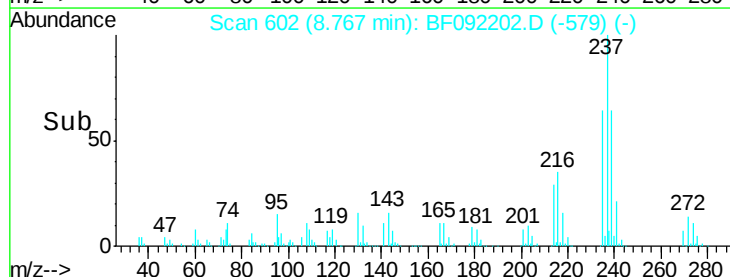
272 14.1 0.0 35.4



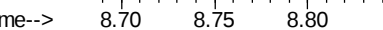
Abundance Ion 236.80 (236.50 to 237.50): E

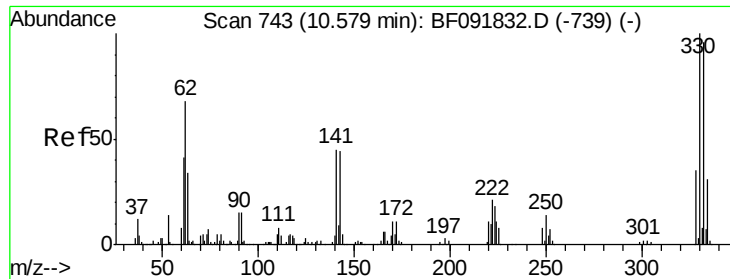
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

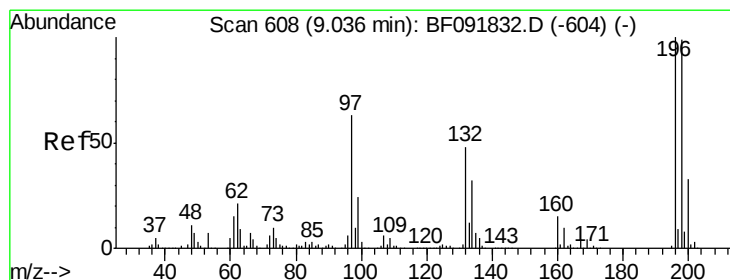
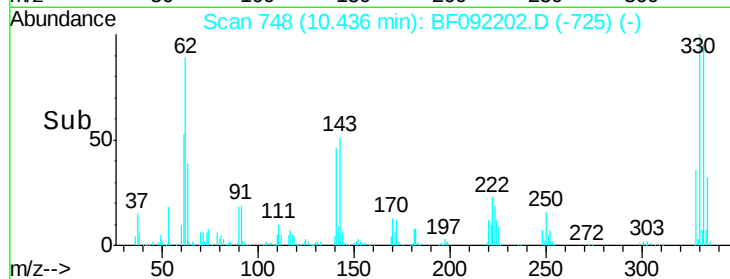
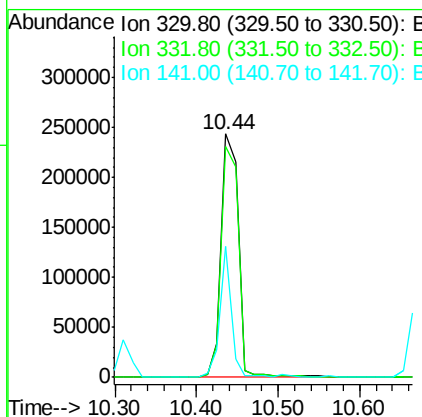
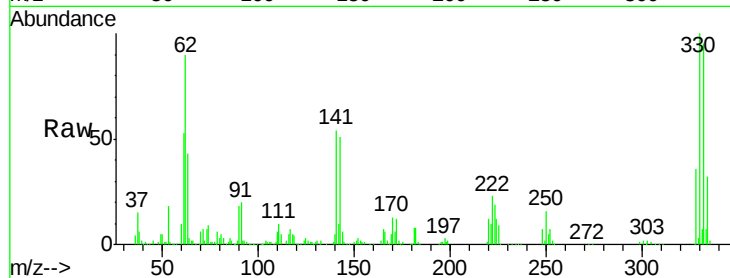




#41
 2,4,6-Tribromophenol
 Concen: 119.58 ng
 RT: 10.44 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

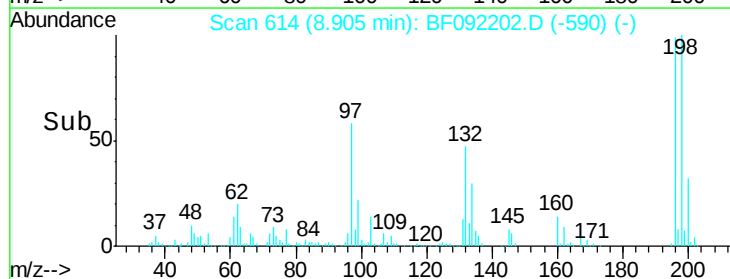
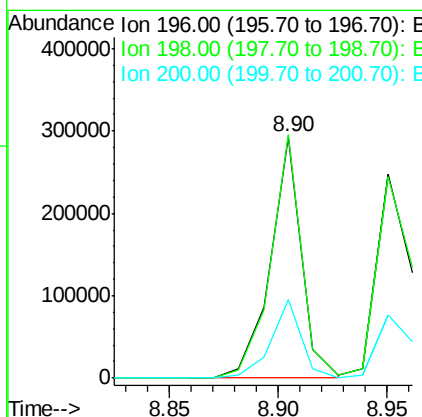
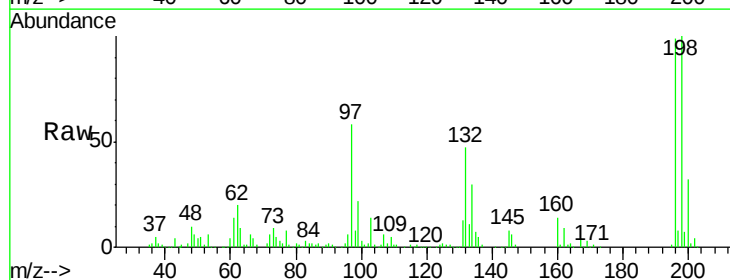
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

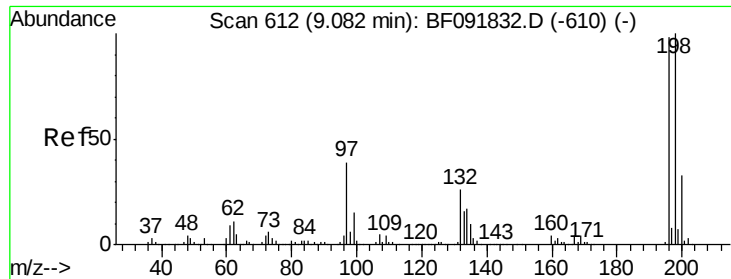
Tgt Ion:330 Resp: 356037
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 35.6 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 46.01 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:196 Resp: 292461
 Ion Ratio Lower Upper
 196 100
 198 101.0 82.1 123.1
 200 32.5 27.0 40.4

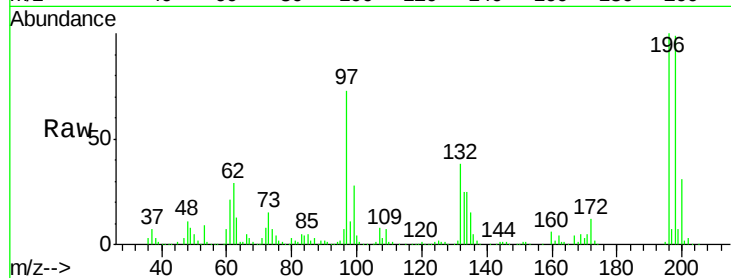




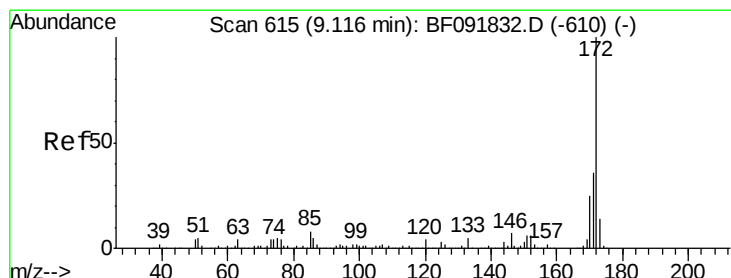
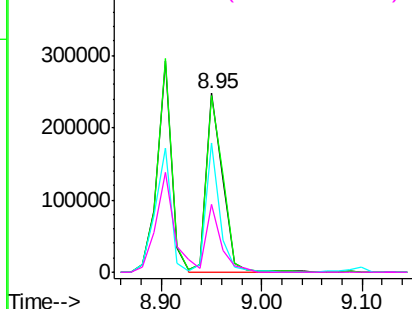
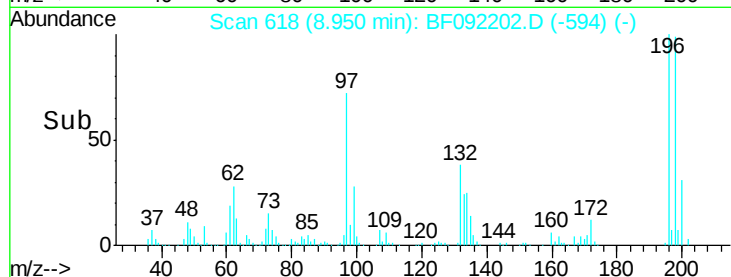
#43
 2,4,5-Trichlorophenol
 Concen: 42.65 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Tgt Ion:196 Resp: 279048
 Ion Ratio Lower Upper
 196 100
 198 98.9 79.4 119.2
 97 72.5 51.5 77.3
 132 38.0 27.4 41.2

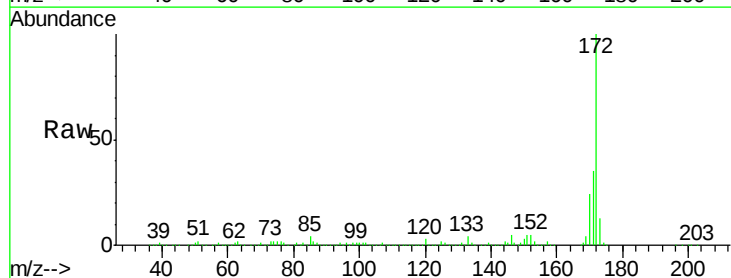


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

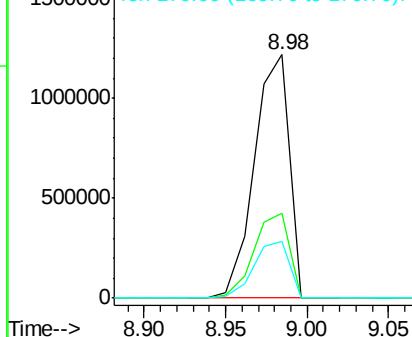
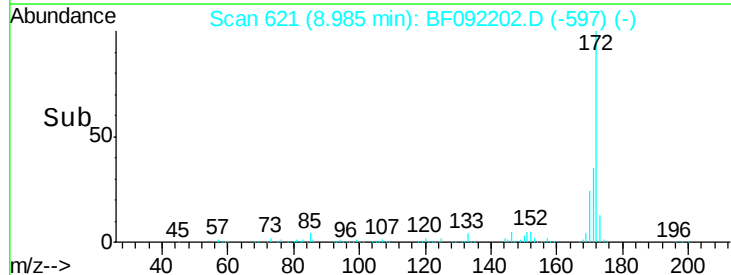


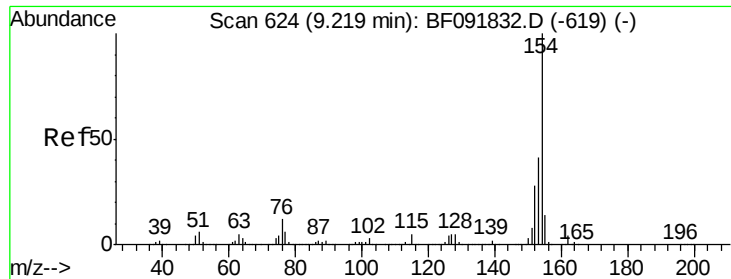
#44
 2-Fluorobiphenyl
 Concen: 105.94 ng
 RT: 8.98 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:172 Resp: 1804504
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 23.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

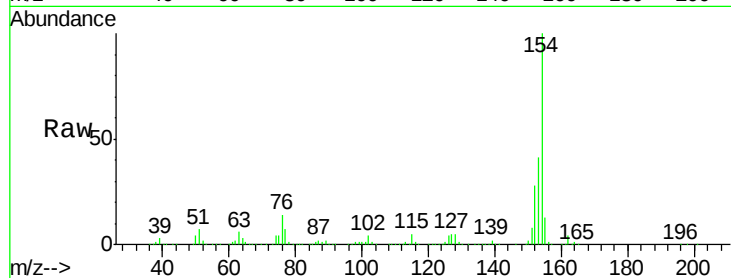




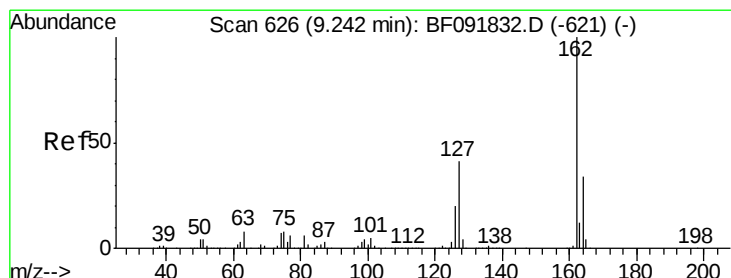
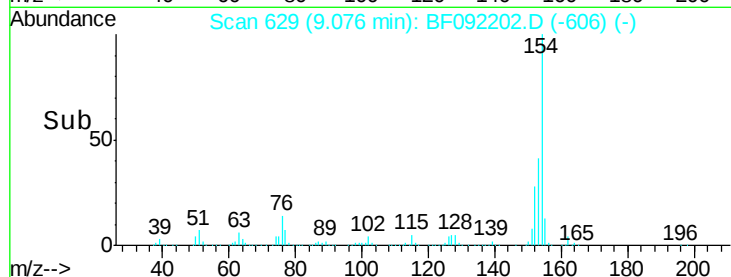
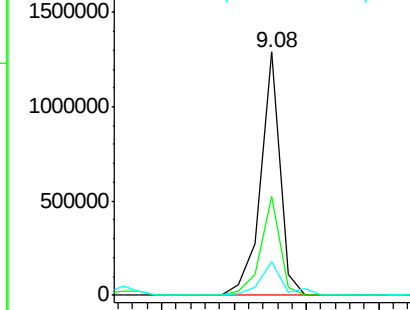
#45
 1,1'-Biphenyl
 Concen: 48.31 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Tgt Ion:154 Resp: 1190119
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 13.6 0.0 30.5

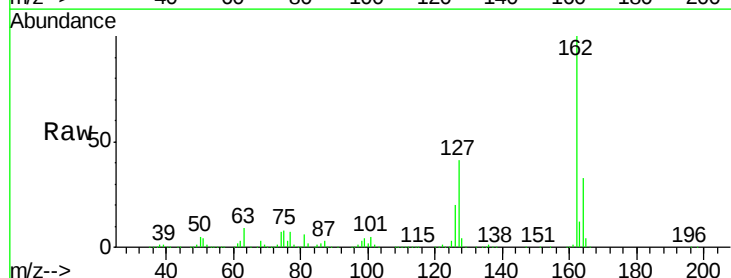


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

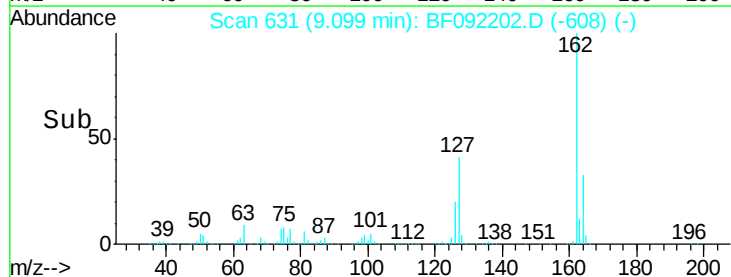
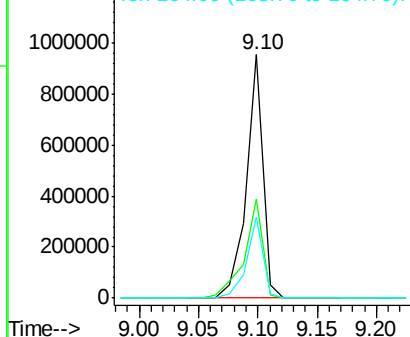


#46
 2-Chloronaphthalene
 Concen: 47.66 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:162 Resp: 929763
 Ion Ratio Lower Upper
 162 100
 127 40.6 30.7 46.1
 164 33.4 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

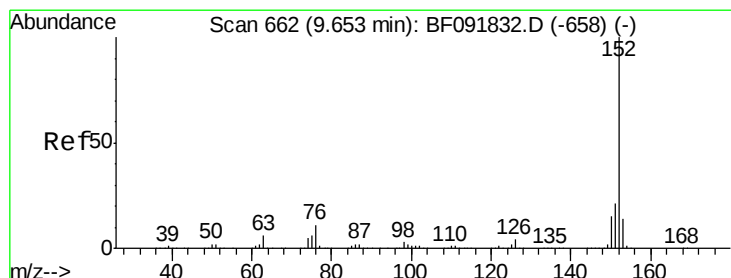
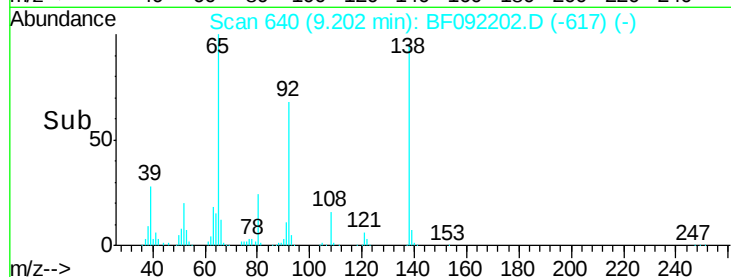
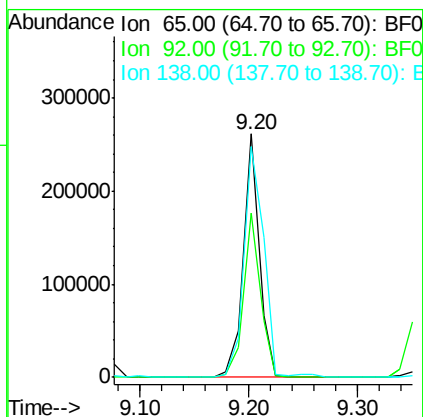
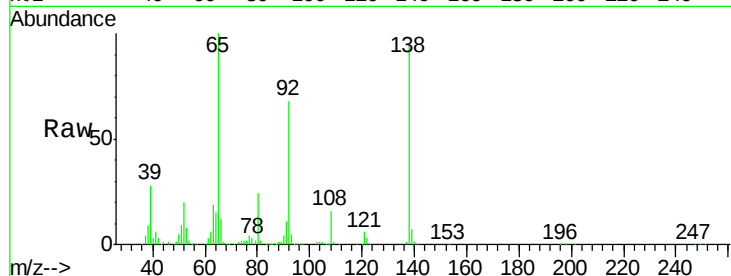




#47
2-Nitroaniline
Concen: 38.39 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

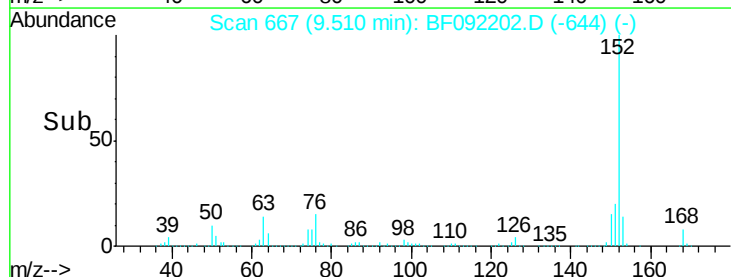
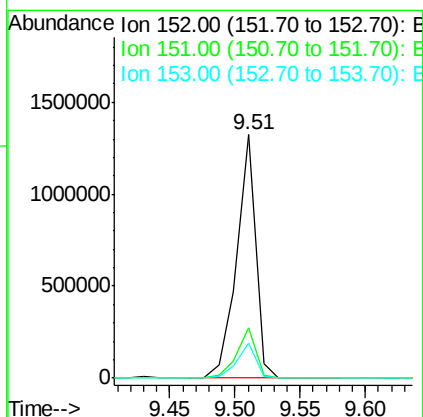
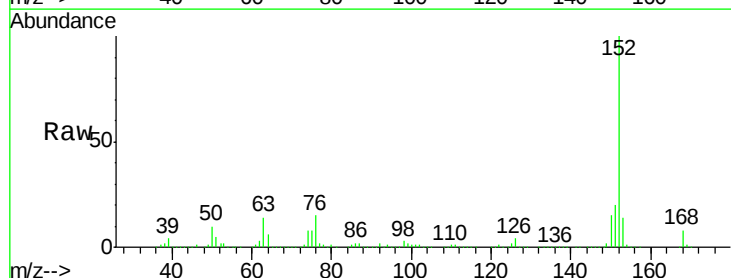
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

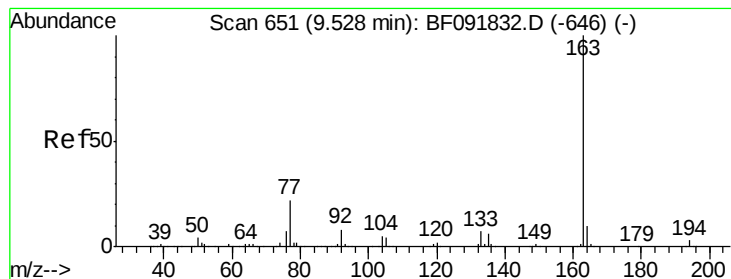
Tgt Ion: 65 Resp: 266684
Ion Ratio Lower Upper
65 100
92 67.7 53.9 80.9
138 95.0 76.8 115.2



#48
Acenaphthylene
Concen: 44.64 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion: 152 Resp: 1339478
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.1 11.4 17.2





#49

Dimethylphthalate

Concen: 53.52 ng

RT: 9.38 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

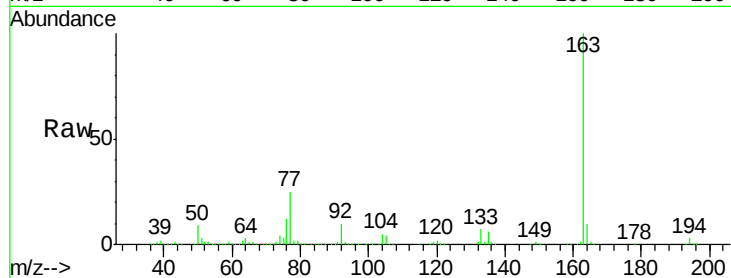
Tgt Ion:163 Resp: 1231596

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

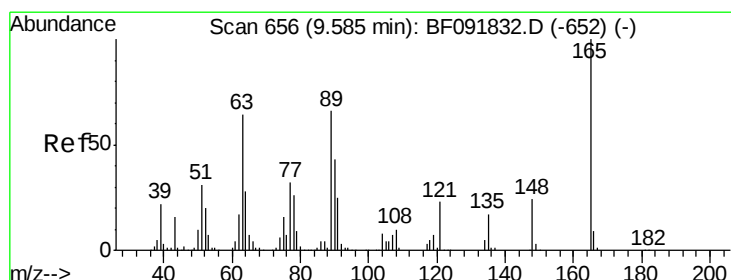
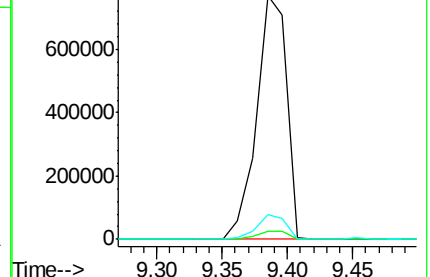
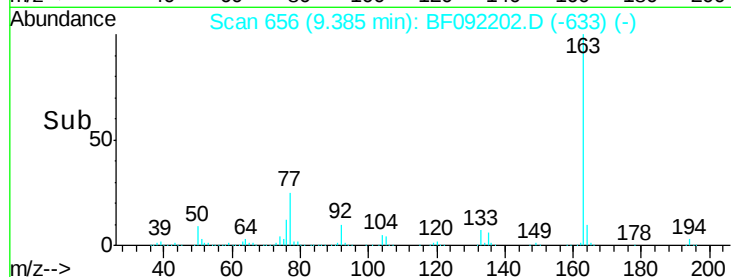
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.25 ng

RT: 9.45 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

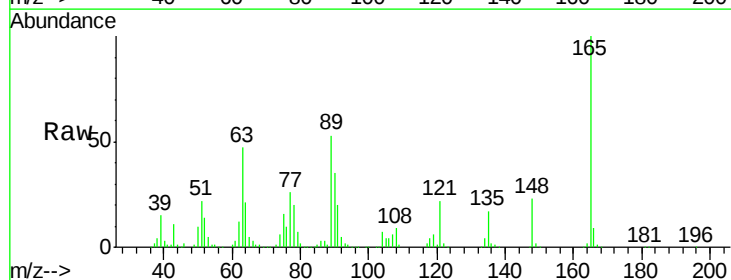
Tgt Ion:165 Resp: 258117

Ion Ratio Lower Upper

165 100

63 47.1 36.2 54.4

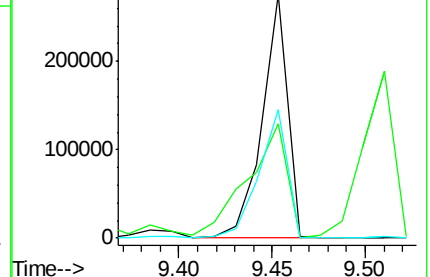
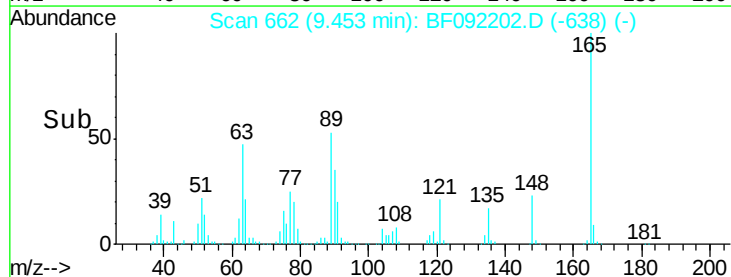
89 52.7 40.2 60.4

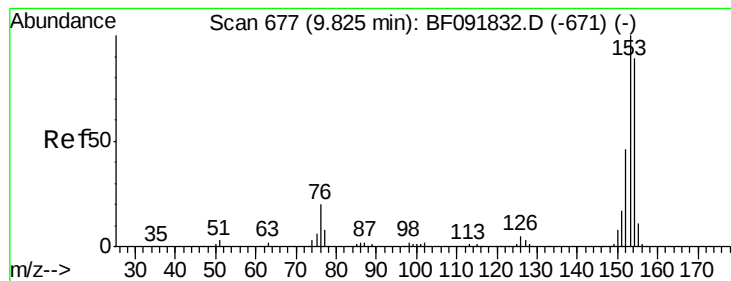


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.53 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

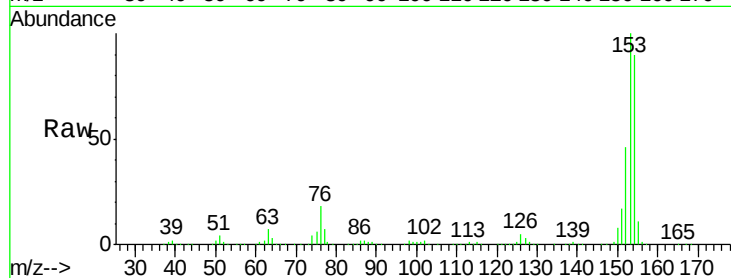
Tgt Ion:154 Resp: 926140

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

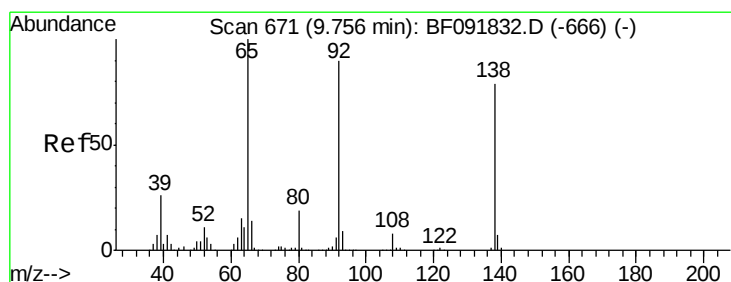
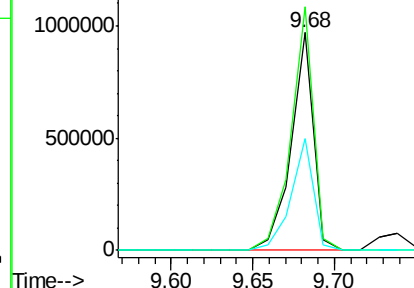
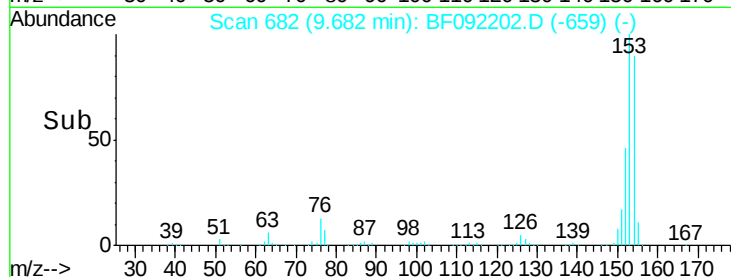
152 51.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.43 ng

RT: 9.61 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

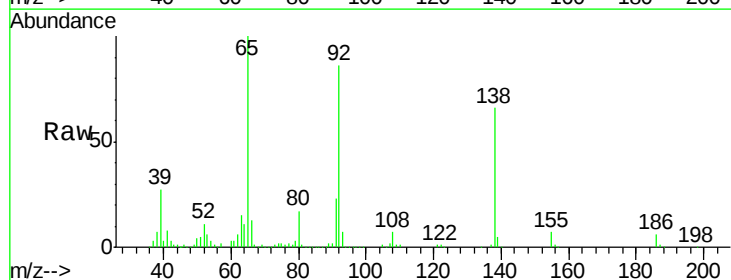
Tgt Ion:138 Resp: 127364

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

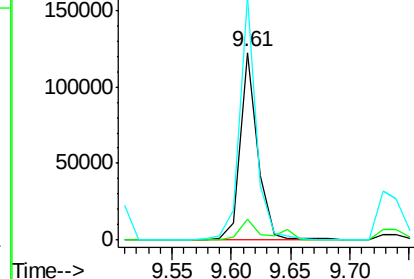
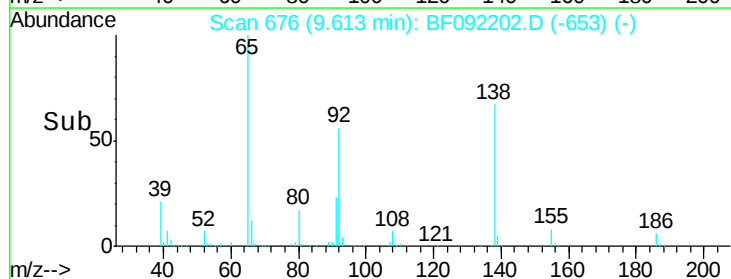
92 129.9 97.8 146.8

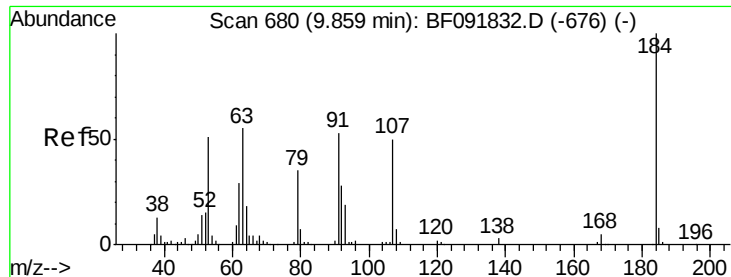


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

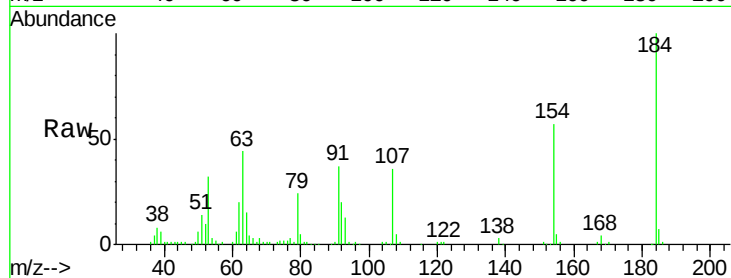




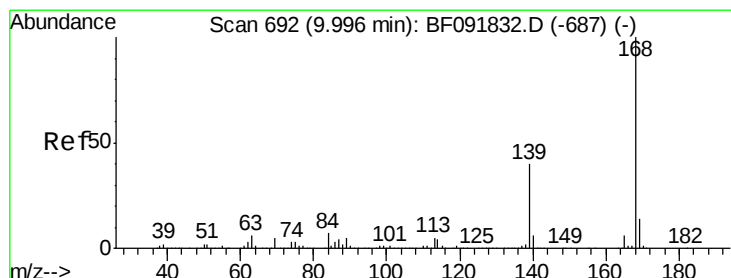
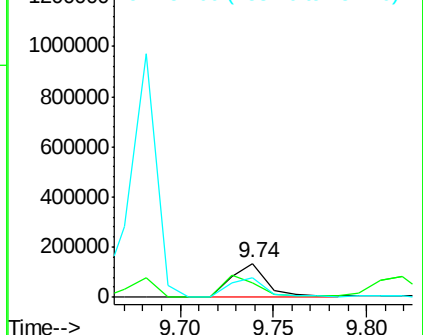
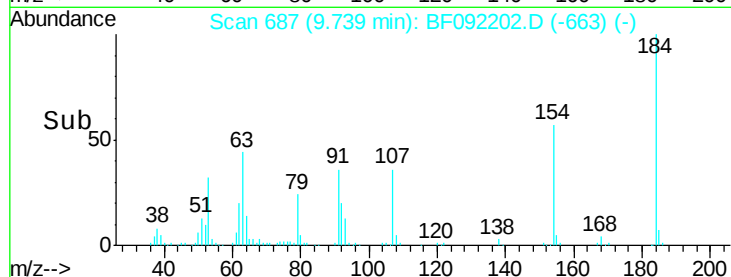
#53
2,4-Dinitrophenol
Concen: 65.75 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

Tgt Ion:184 Resp: 184274
Ion Ratio Lower Upper
184 100
63 44.3 28.4 42.6#
154 57.3 44.3 66.5

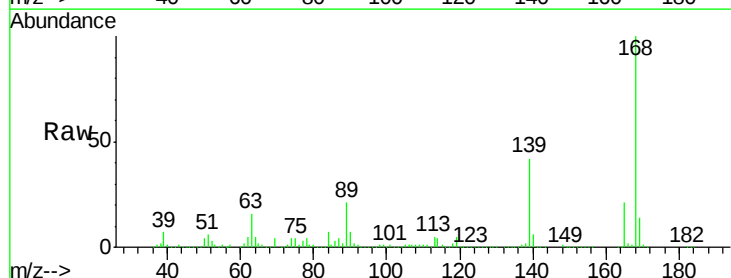


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

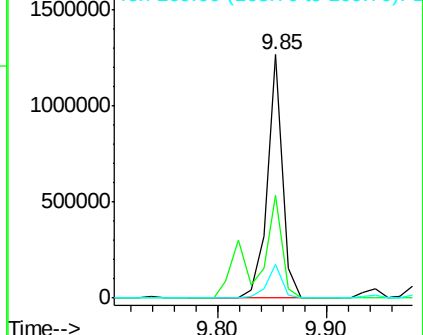
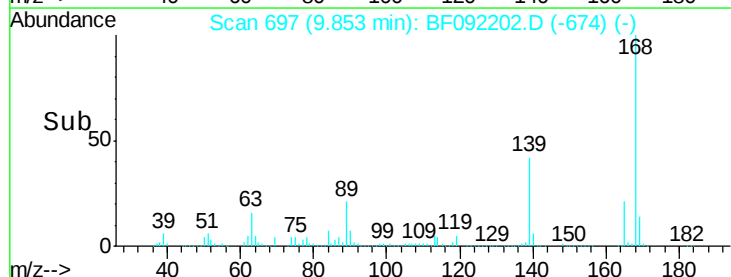


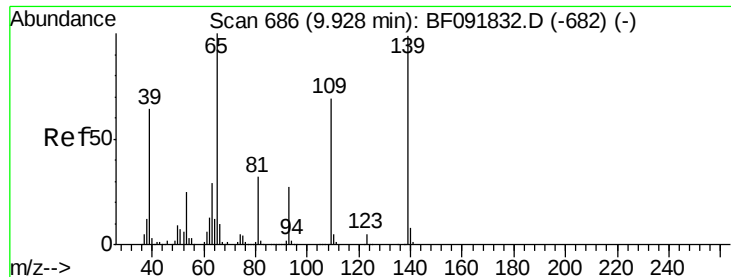
#54
Dibenzofuran
Concen: 44.62 ng
RT: 9.85 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:168 Resp: 1225603
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

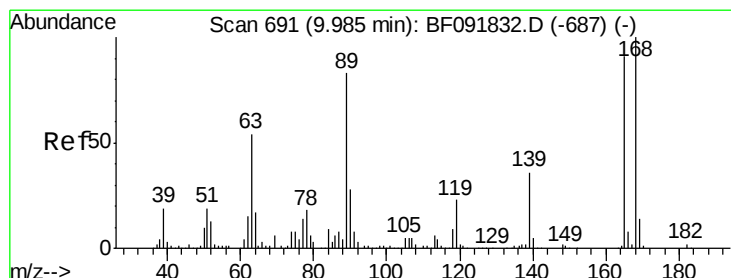
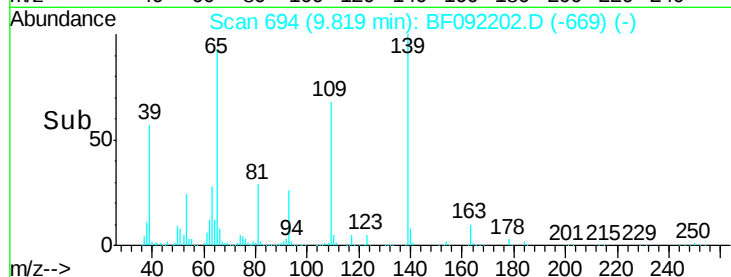
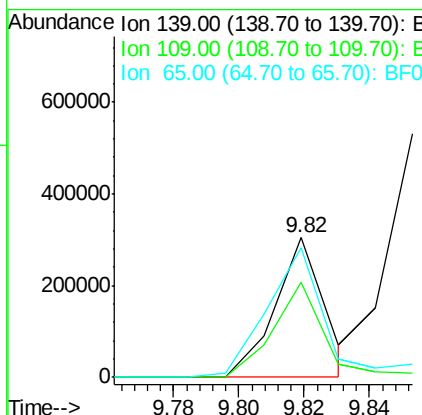
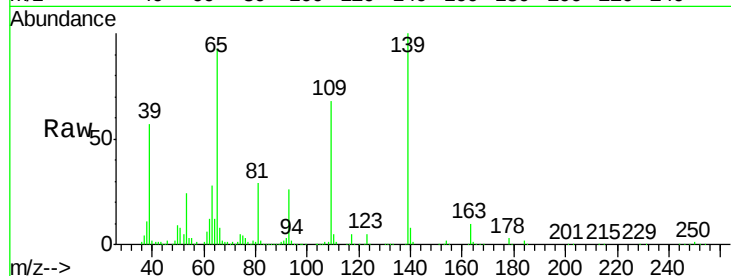




#55
4-Nitrophenol
Concen: 75.04 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

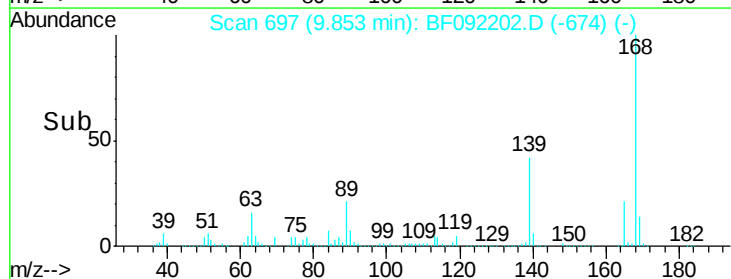
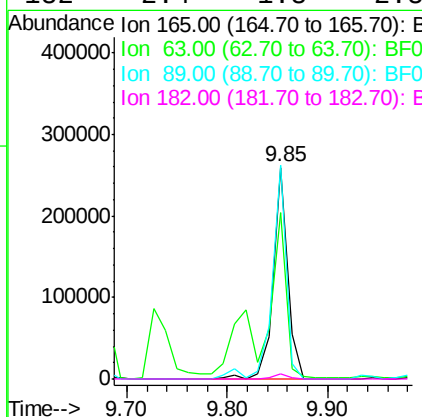
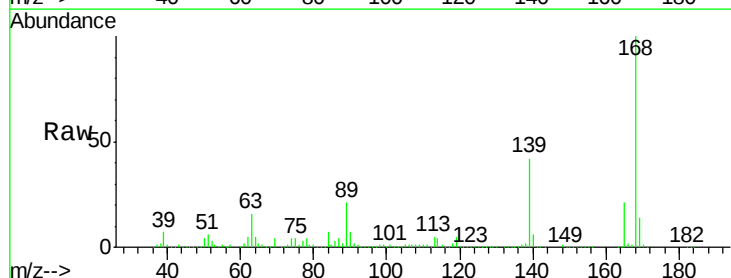
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

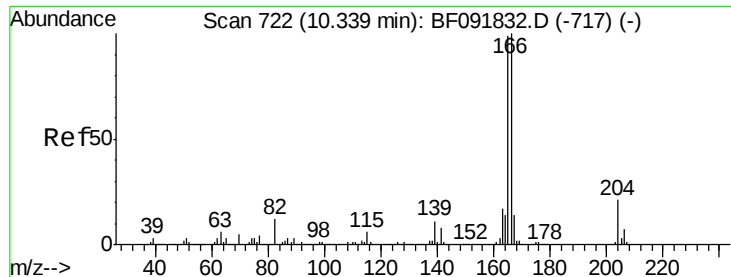
Tgt Ion:139 Resp: 317563
Ion Ratio Lower Upper
139 100
109 68.5 52.2 92.2
65 93.3 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 41.39 ng
RT: 9.85 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:165 Resp: 261636
Ion Ratio Lower Upper
165 100
63 78.5 40.2 60.4#
89 100.8 62.5 93.7#
182 2.4 1.8 2.8

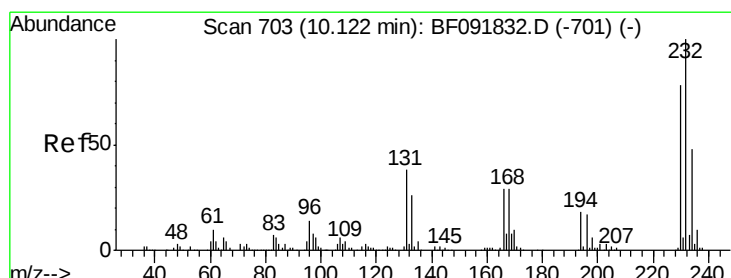
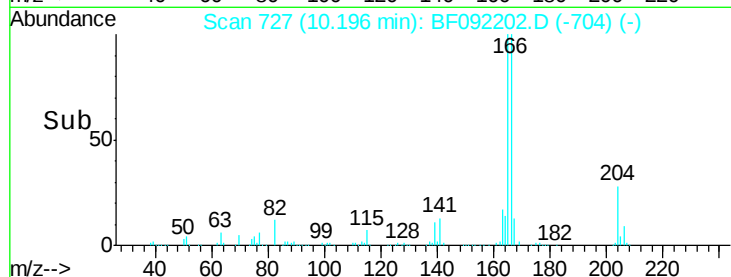
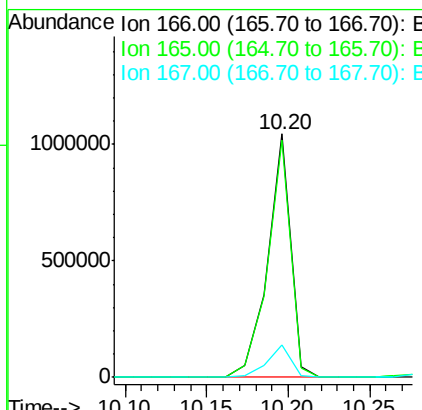
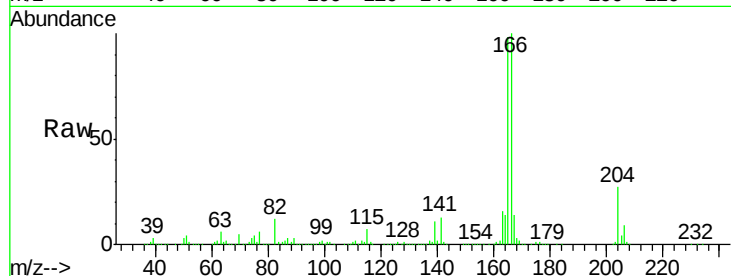




#57
 Fluorene
 Concen: 51.35 ng
 RT: 10.20 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

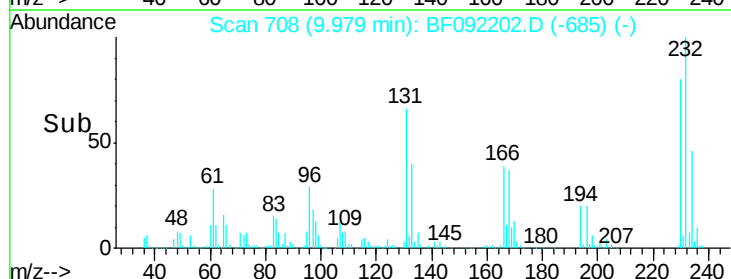
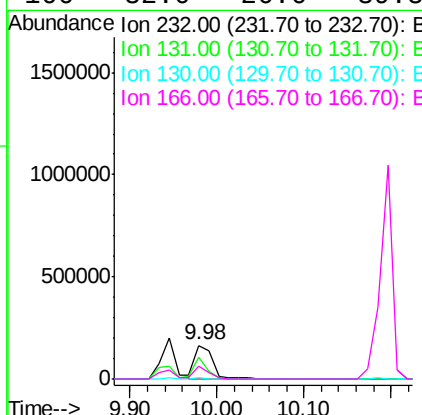
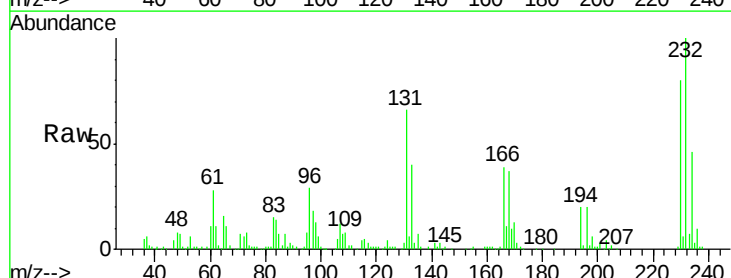
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

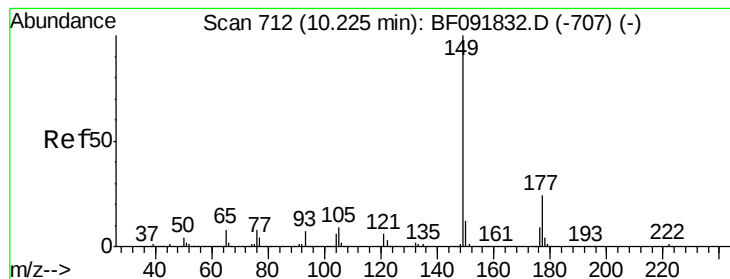
Tgt Ion:166 Resp: 1026207
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.8 116.8
 167 13.5 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.21 ng
 RT: 9.98 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:232 Resp: 228765
 Ion Ratio Lower Upper
 232 100
 131 51.8 40.1 60.1
 130 2.6 1.8 2.8
 166 32.0 26.6 39.8





#59

Diethylphthalate

Concen: 45.08 ng

RT: 10.08 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

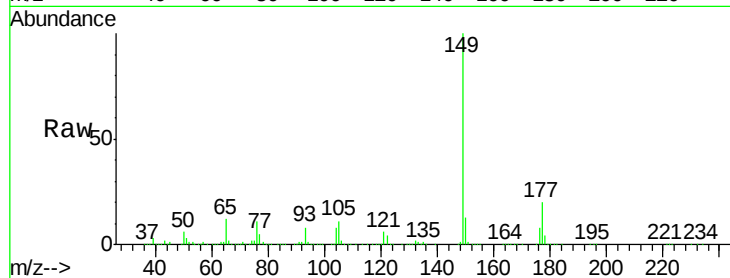
Tgt Ion:149 Resp: 1007520

Ion Ratio Lower Upper

149 100

177 20.3 16.6 25.0

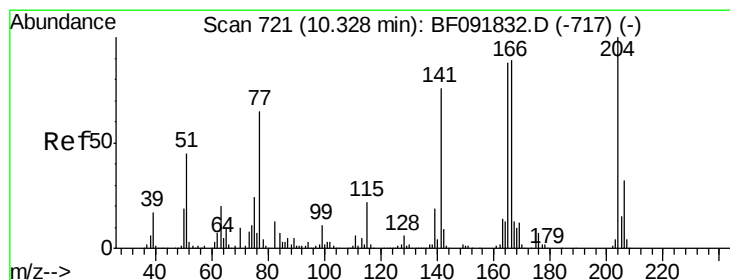
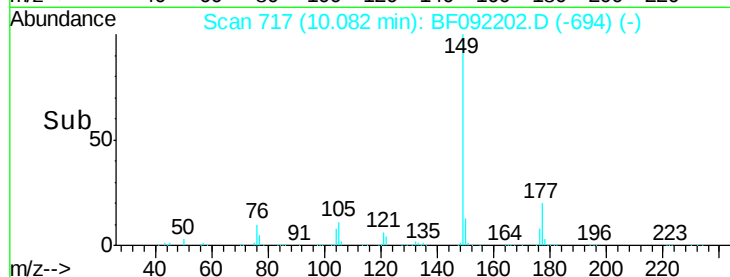
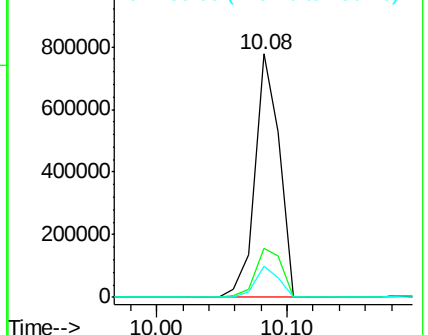
150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.58 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

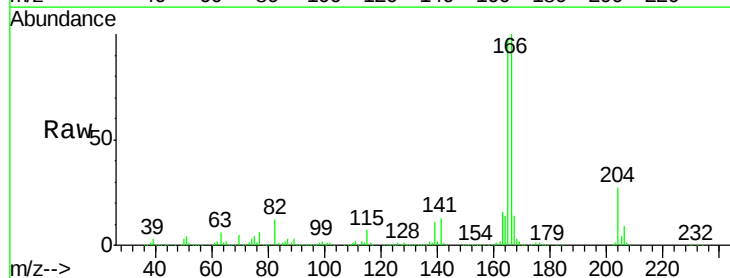
Tgt Ion:204 Resp: 398903

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

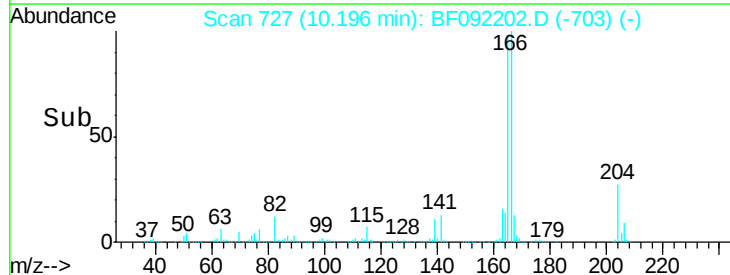
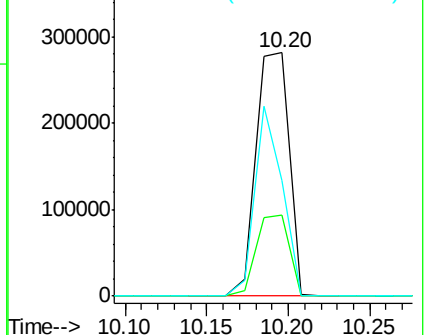
141 47.6 59.4 89.0#

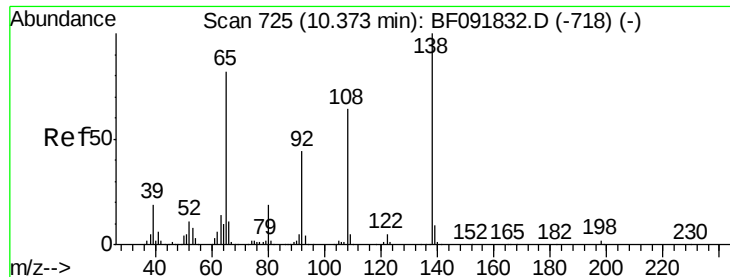


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.12 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

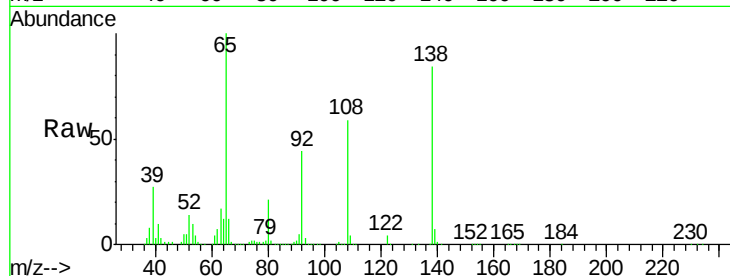
Tgt Ion:138 Resp: 213941

Ion Ratio Lower Upper

138 100

92 52.7 31.7 71.7

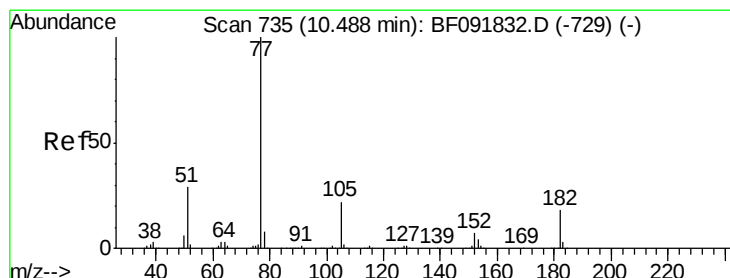
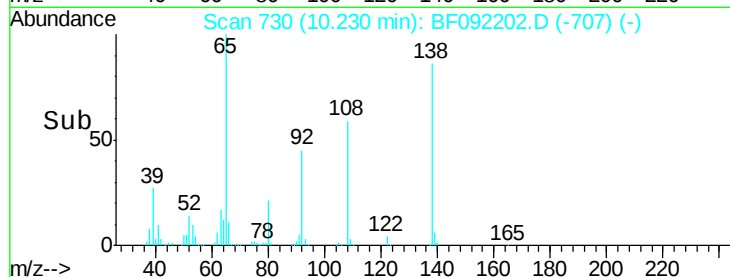
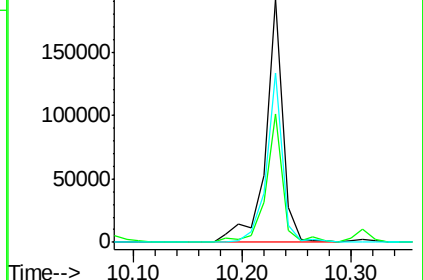
108 69.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.40 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Tgt Ion: 77 Resp: 1141719

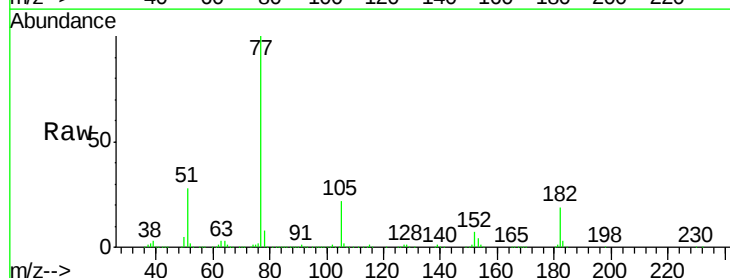
Ion Ratio Lower Upper

77 100

182 18.9 0.0 39.3

105 21.6 2.3 42.3

51 28.3 8.9 48.9

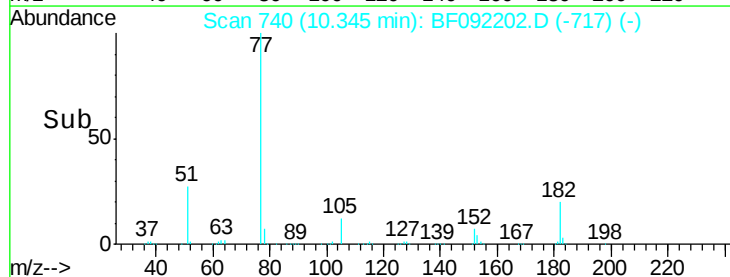
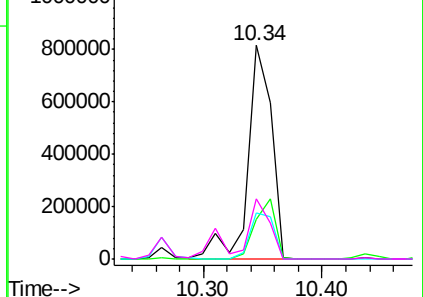


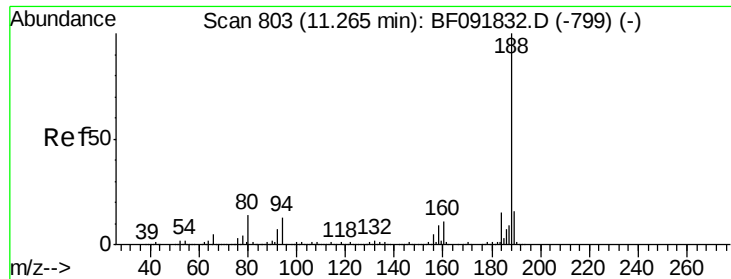
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

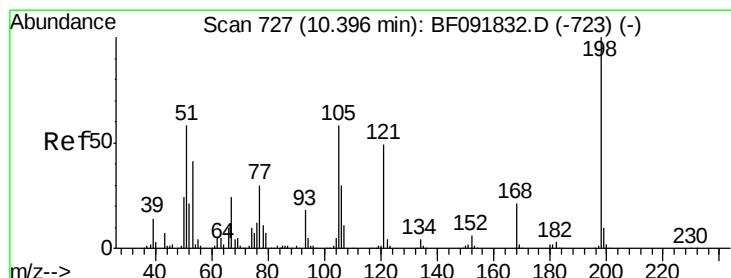
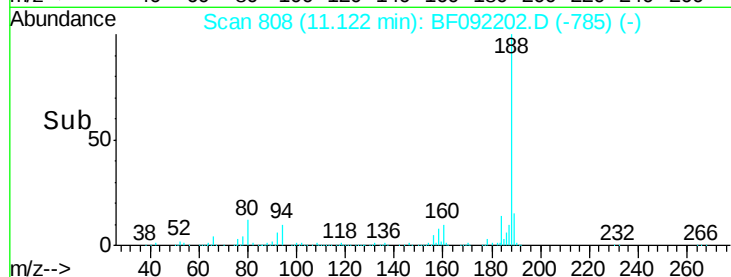
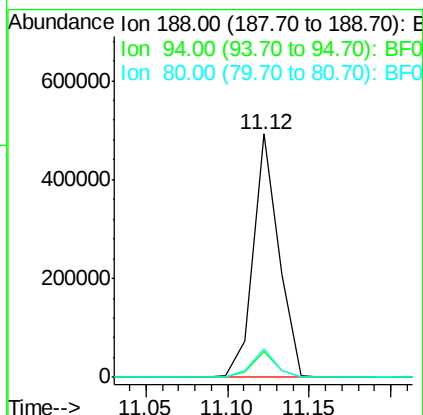
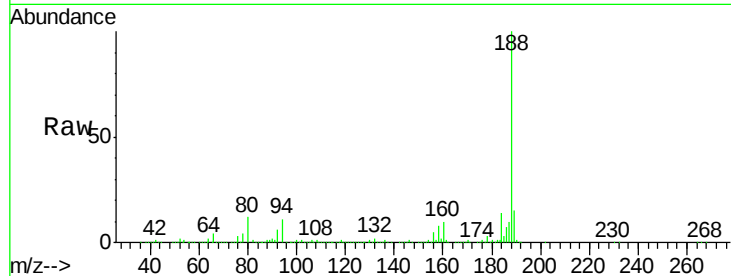




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

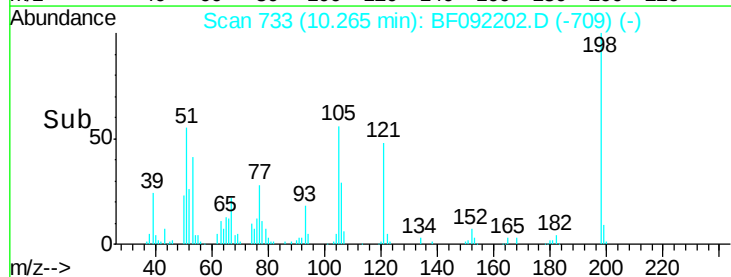
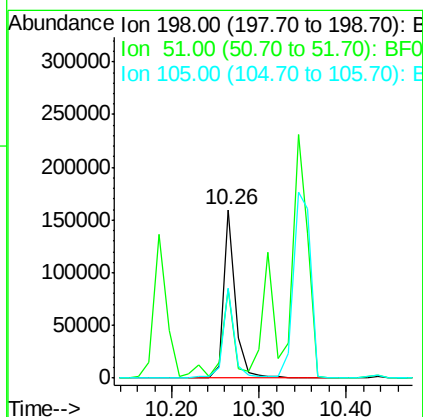
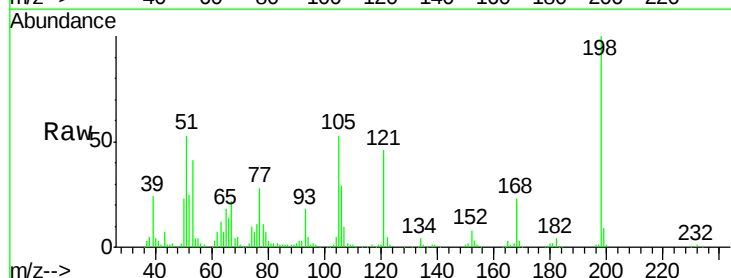
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

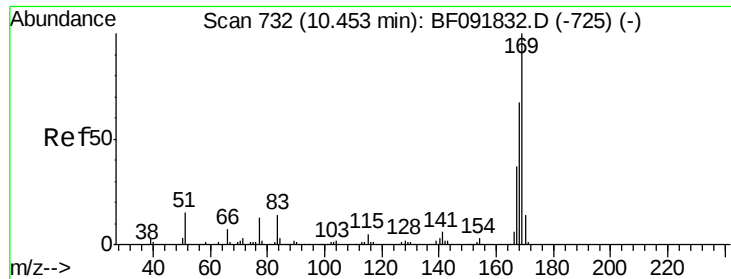
Tgt Ion:188 Resp: 536678
Ion Ratio Lower Upper
188 100
94 10.5 10.0 15.0
80 11.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 47.62 ng
RT: 10.26 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:198 Resp: 154529
Ion Ratio Lower Upper
198 100
51 52.8 6.7 46.7#
105 53.5 16.6 56.6

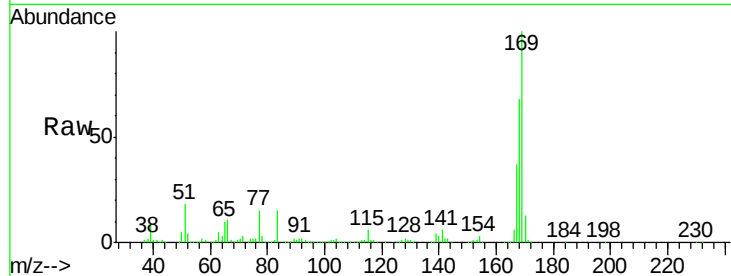




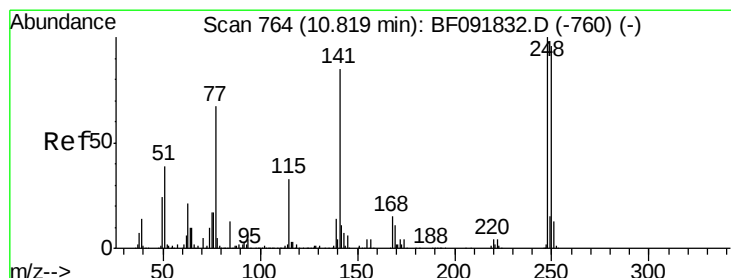
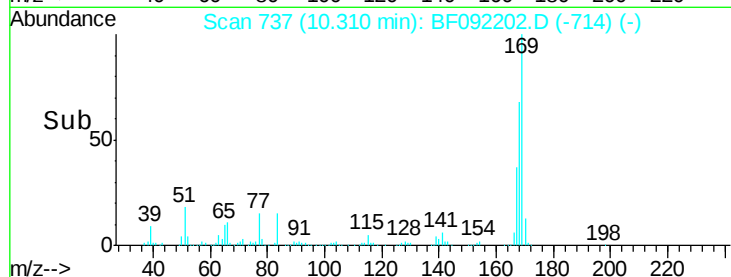
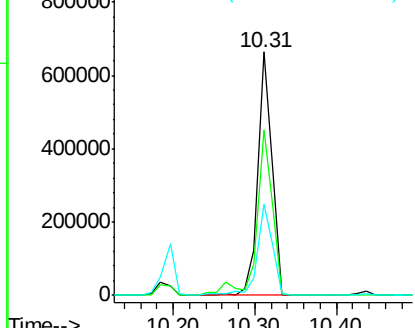
#65
 n-Nitrosodiphenylamine
 Concen: 49.93 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Tgt Ion:169 Resp: 795118
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.2 81.2
 167 37.5 30.2 45.4

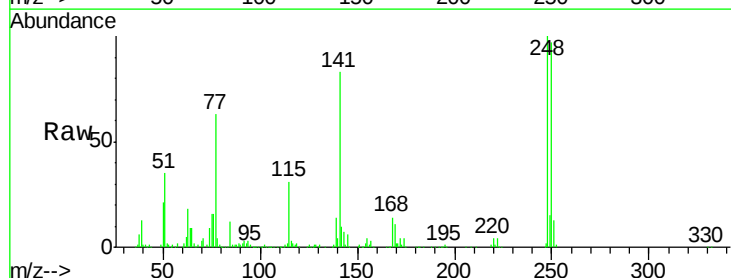


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

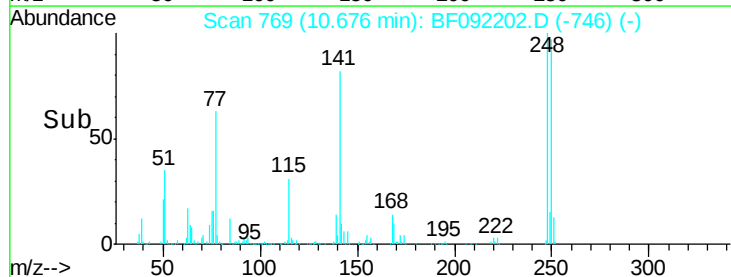
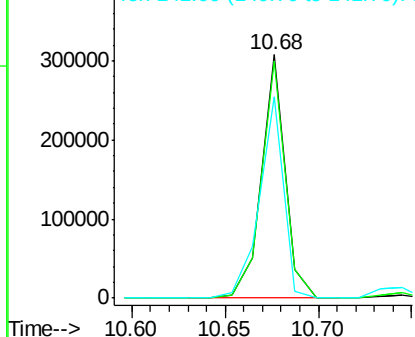


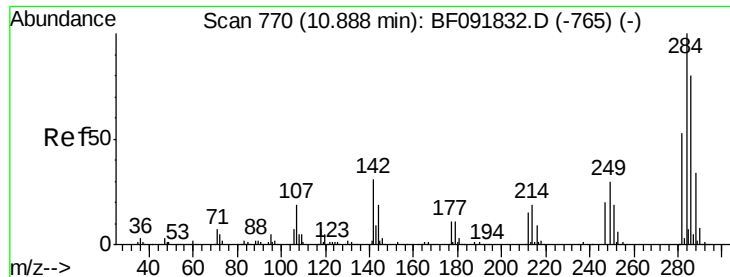
#66
 4-Bromophenyl-phenylether
 Concen: 48.88 ng
 RT: 10.68 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:248 Resp: 272897
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 82.6 68.2 102.4



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

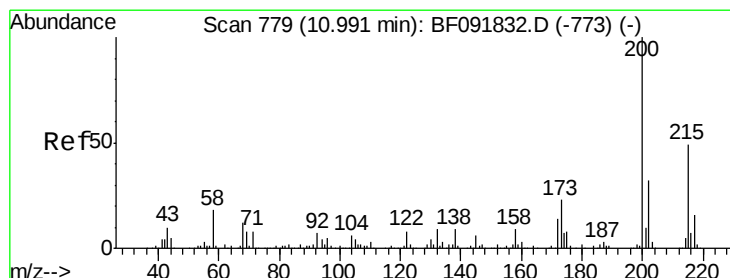
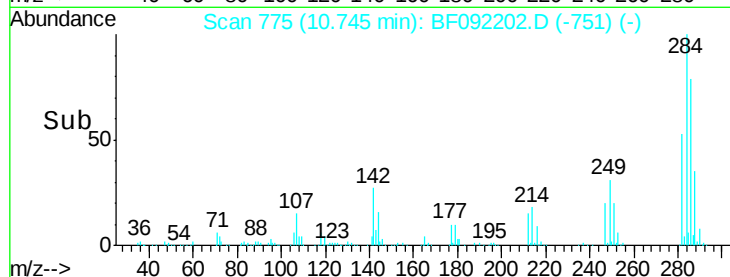
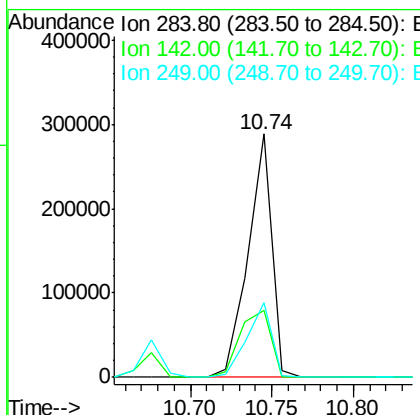
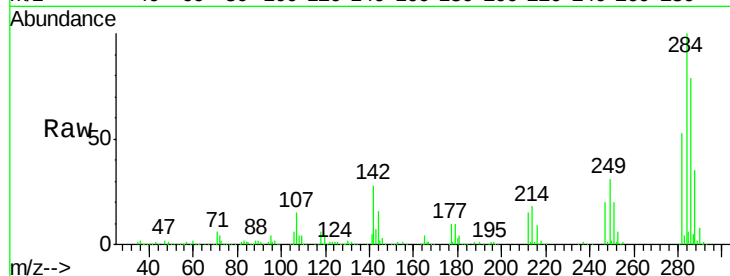




#67
Hexachlorobenzene
Concen: 48.91 ng
RT: 10.74 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

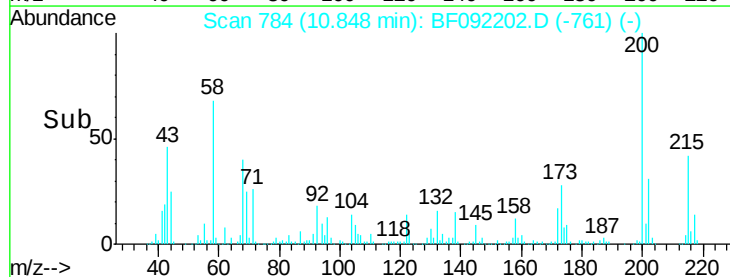
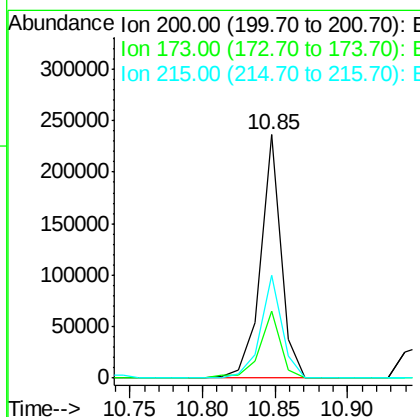
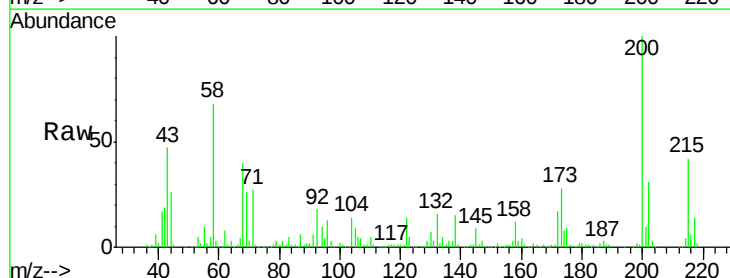
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

Tgt Ion:284 Resp: 291833
Ion Ratio Lower Upper
284 100
142 27.5 22.6 33.8
249 30.7 25.4 38.0



#68
Atrazine
Concen: 45.00 ng
RT: 10.85 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:200 Resp: 231148
Ion Ratio Lower Upper
200 100
173 27.7 9.6 49.6
215 42.2 25.7 65.7

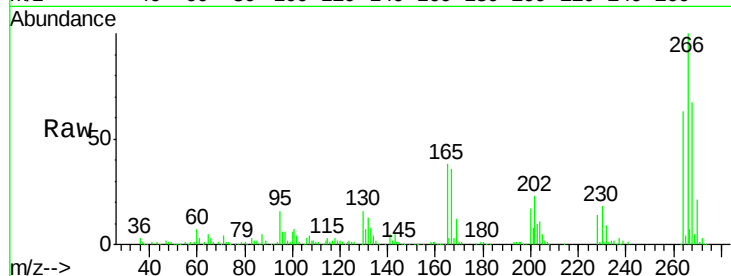




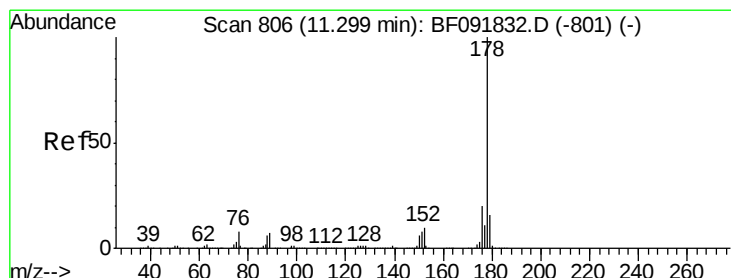
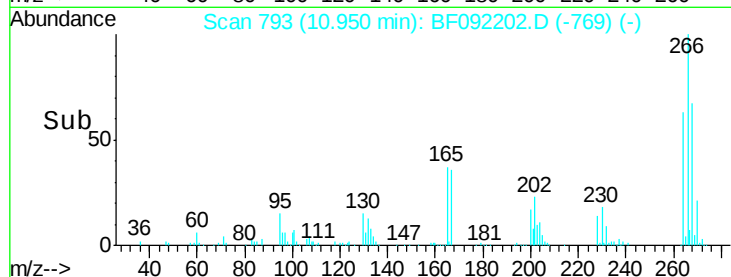
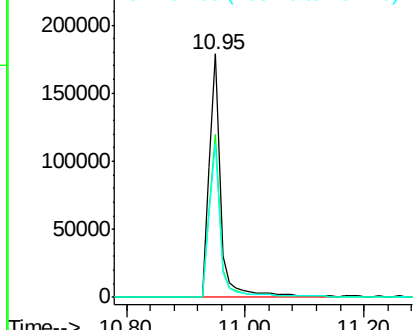
#69
 Pentachlorophenol
 Concen: 83.33 ng
 RT: 10.95 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MS

Tgt Ion:266 Resp: 243981
 Ion Ratio Lower Upper
 266 100
 268 66.9 53.3 79.9
 264 63.0 50.3 75.5

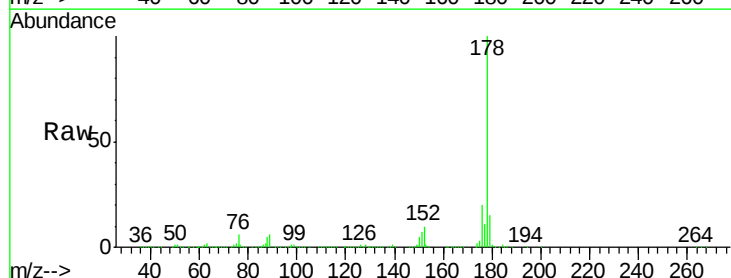


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

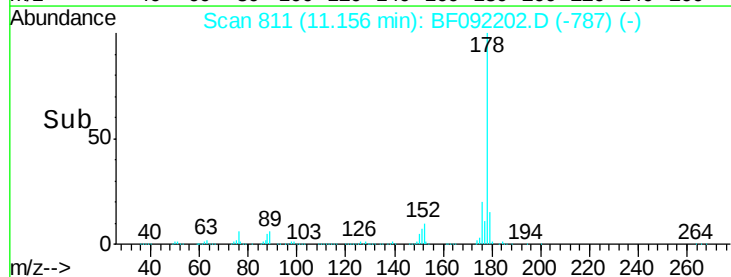
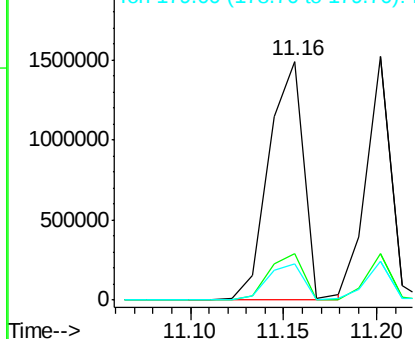


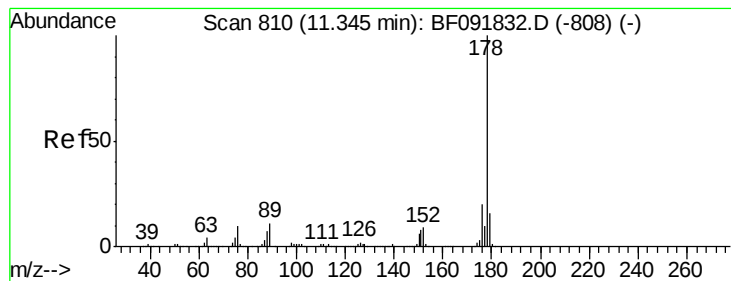
#70
 Phenanthrene
 Concen: 67.04 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF092202.D
 Acq: 11 Jan 2017 17:43

Tgt Ion:178 Resp: 1950877
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.5 12.8 19.2



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





#71

Anthracene

Concen: 61.28 ng

RT: 11.20 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

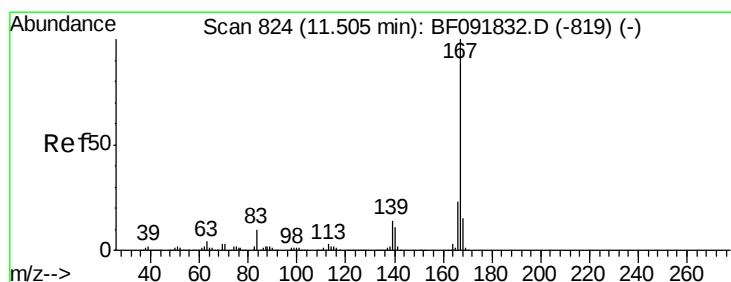
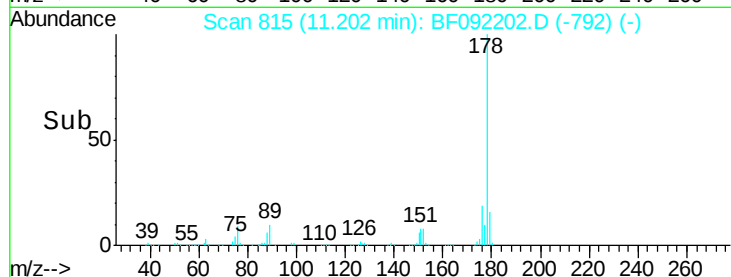
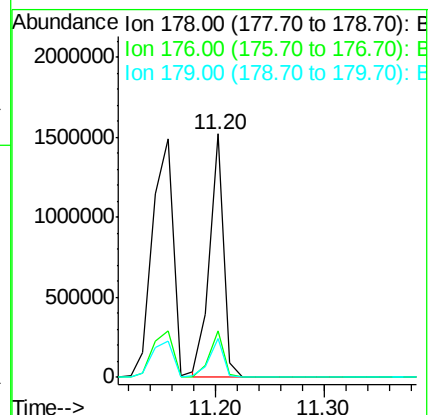
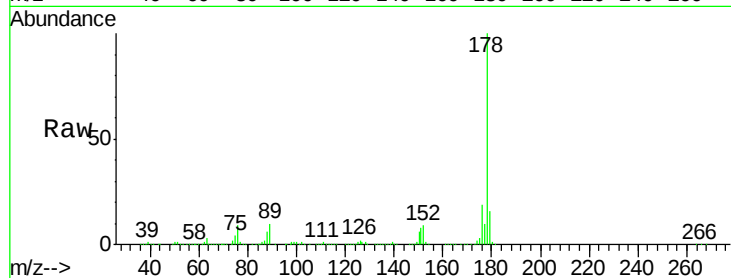
Tgt Ion:178 Resp: 1387145

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.8 13.2 19.8



#72

Carbazole

Concen: 53.07 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

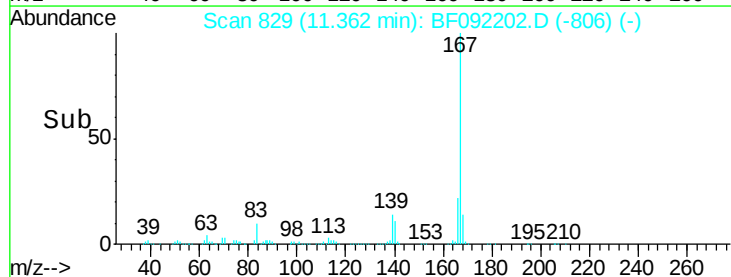
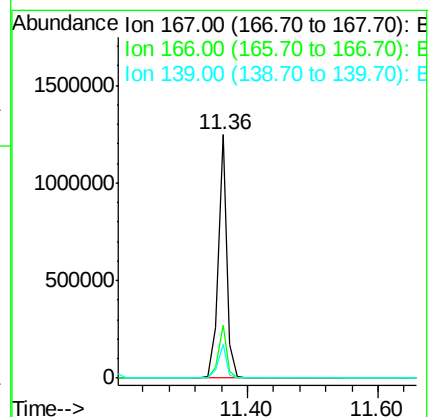
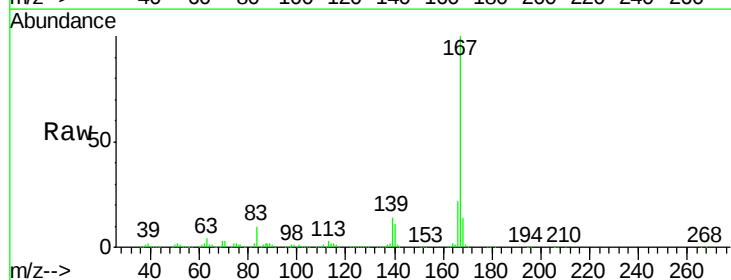
Tgt Ion:167 Resp: 1170045

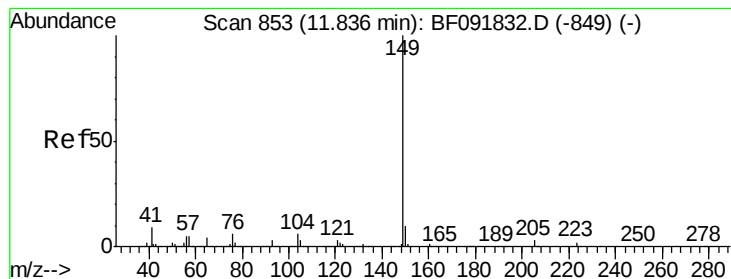
Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.2

139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 57.87 ng

RT: 11.70 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

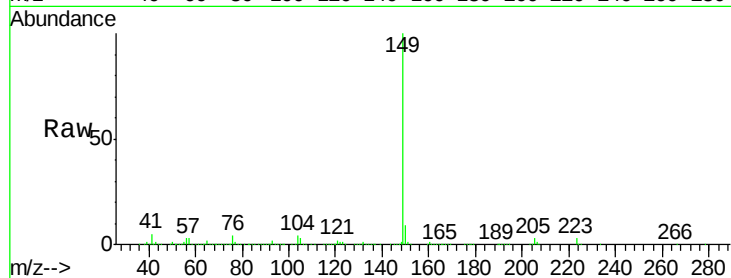
Tgt Ion:149 Resp: 1563430

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

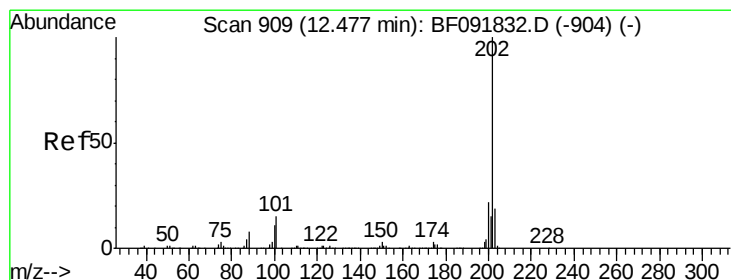
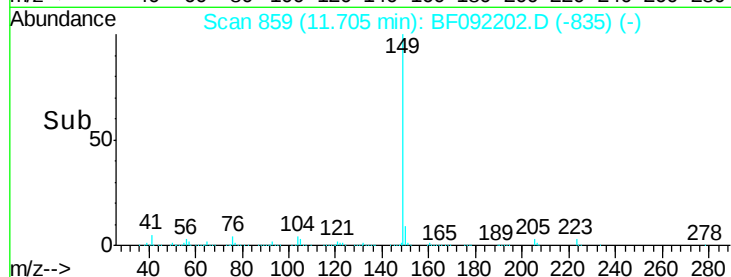
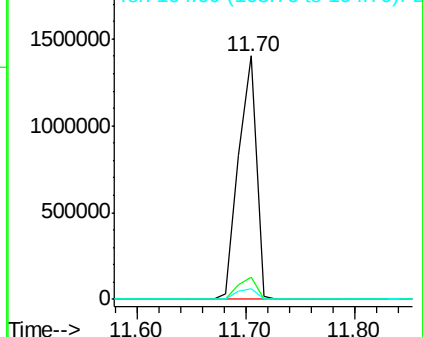
104 4.2 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 64.45 ng

RT: 12.33 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

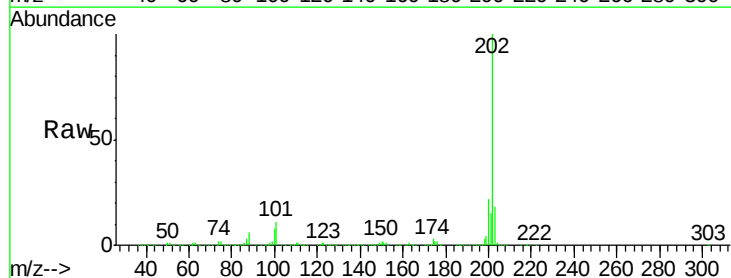
Tgt Ion:202 Resp: 1603197

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.6

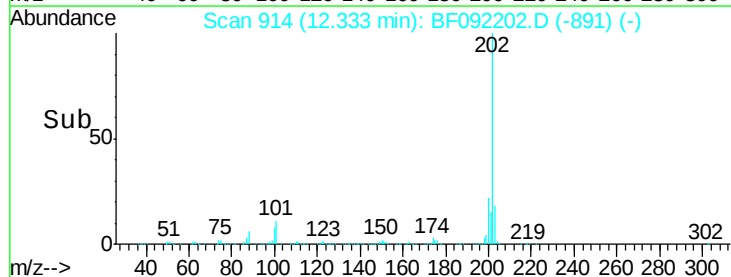
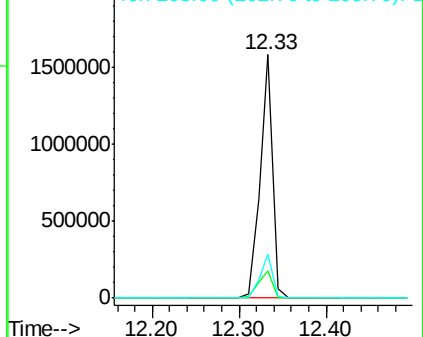
203 18.2 0.0 38.7

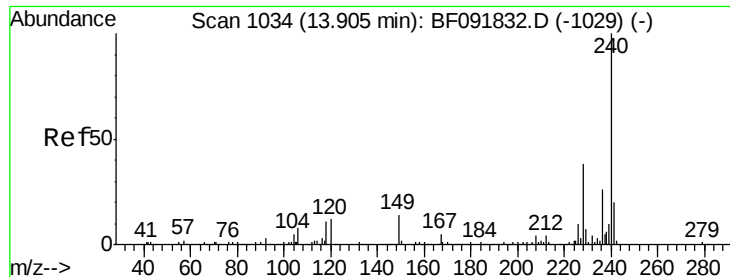


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

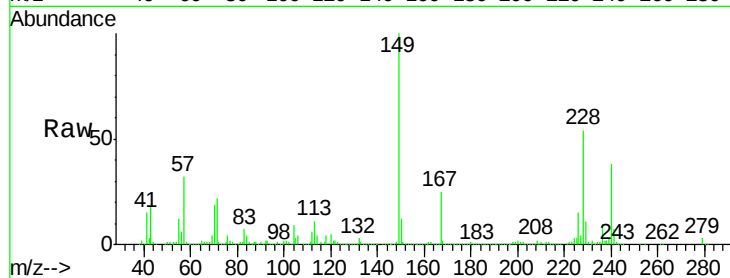
Tgt Ion:240 Resp: 295656

Ion Ratio Lower Upper

240 100

120 13.0 12.9 19.3

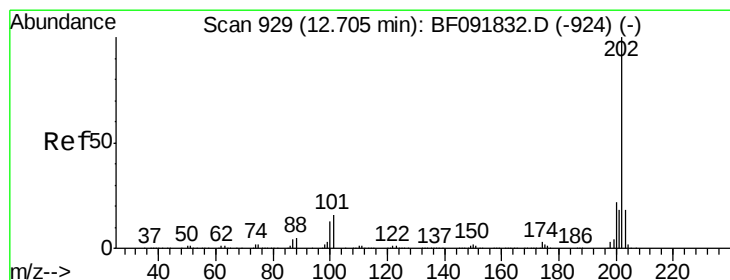
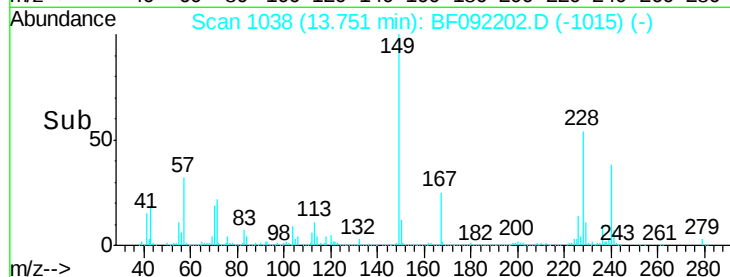
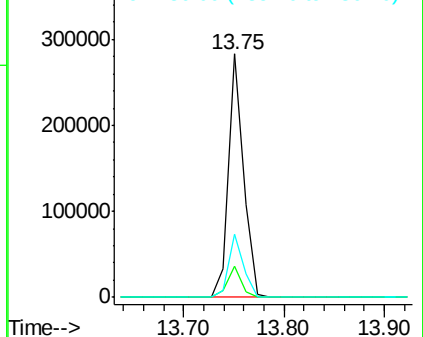
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 70.94 ng

RT: 12.56 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

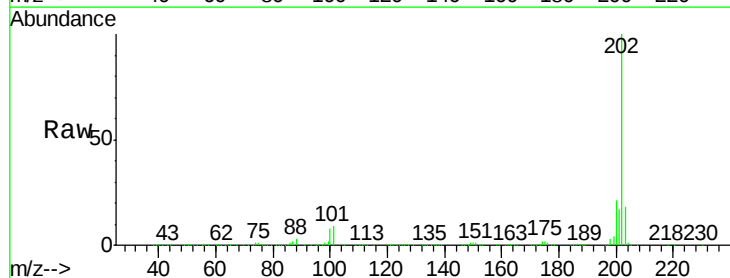
Tgt Ion:202 Resp: 1538950

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

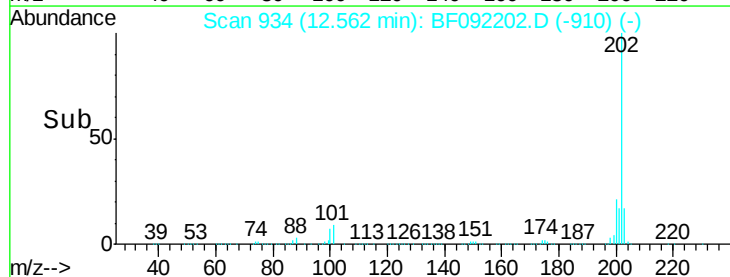
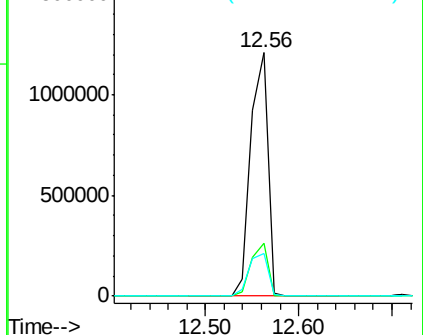
203 17.5 14.7 22.1

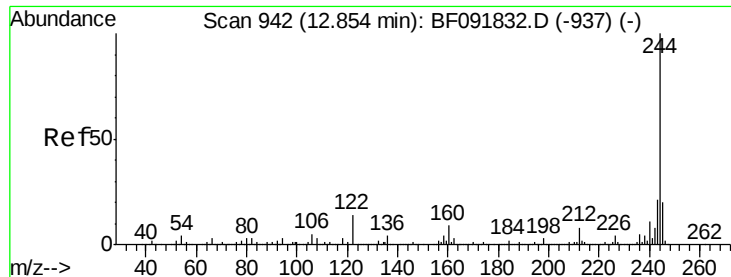


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 112.16 ng

RT: 12.71 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

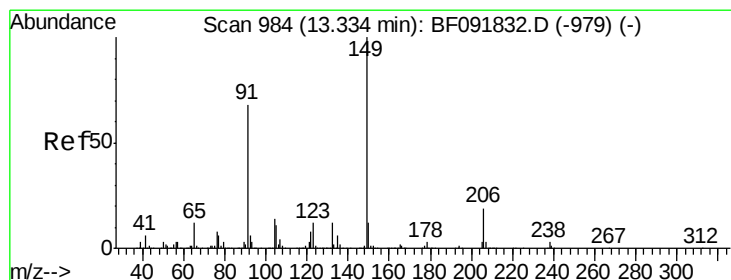
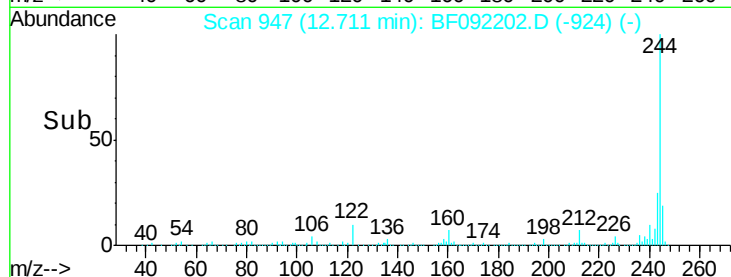
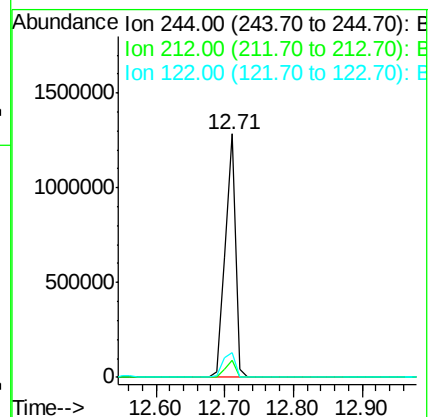
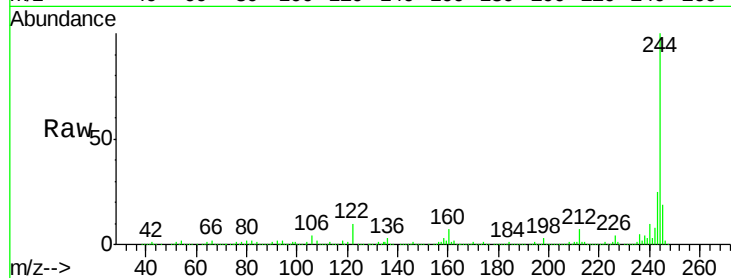
Tgt Ion:244 Resp: 1367276

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 10.4 11.4 17.2#



#79

Butylbenzylphthalate

Concen: 58.05 ng

RT: 13.19 min Scan# 989

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

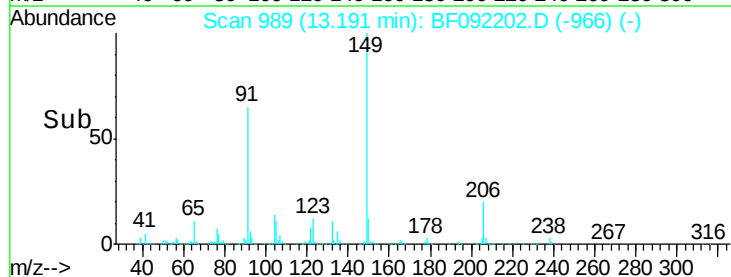
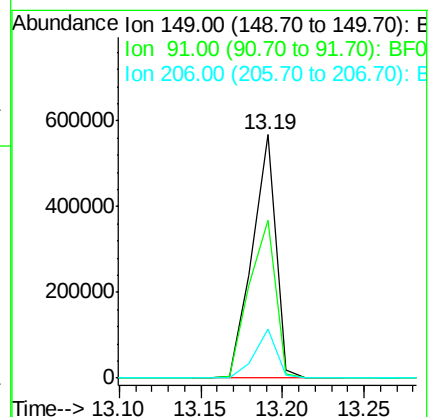
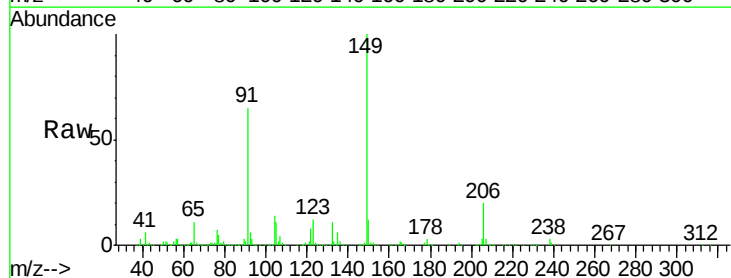
Tgt Ion:149 Resp: 572710

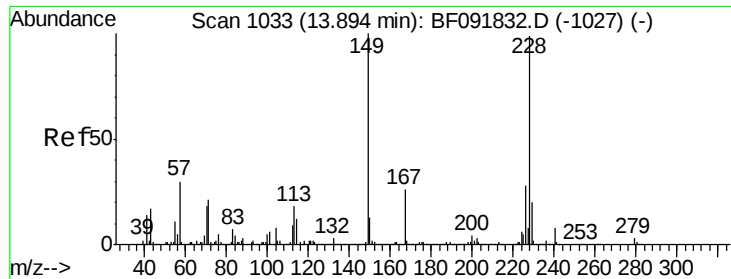
Ion Ratio Lower Upper

149 100

91 64.6 63.9 95.9

206 19.9 14.6 21.8





#80

Benzo(a)anthracene

Concen: 57.91 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

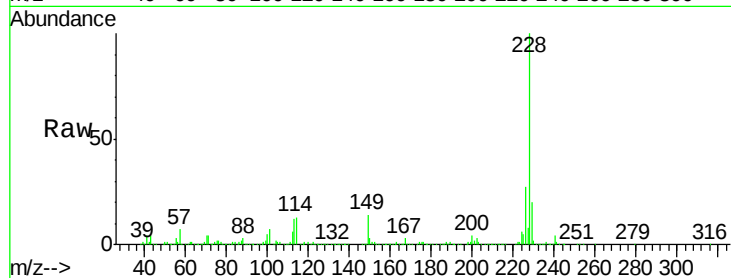
Tgt Ion:228 Resp: 966450

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

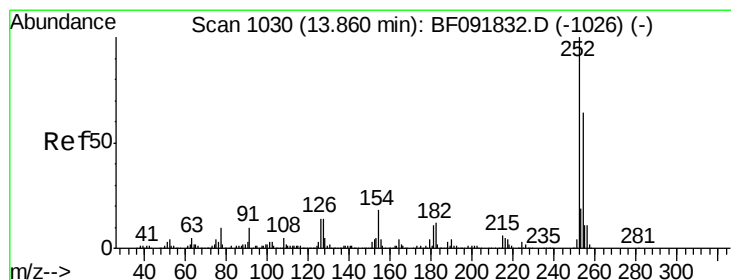
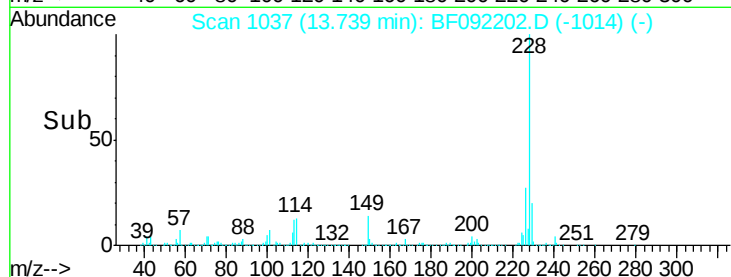
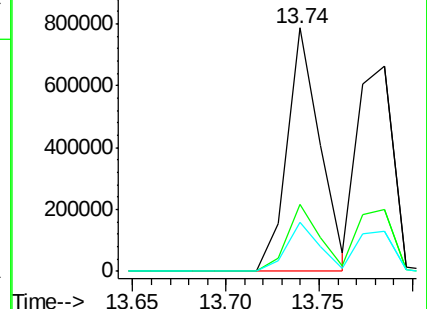
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 30.49 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

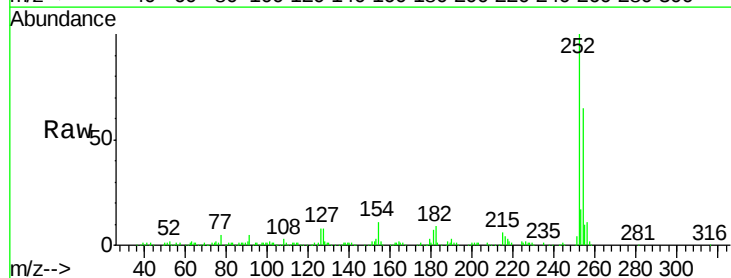
Tgt Ion:252 Resp: 192976

Ion Ratio Lower Upper

252 100

254 65.2 52.3 78.5

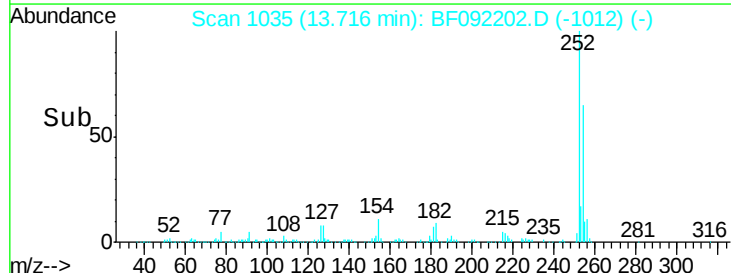
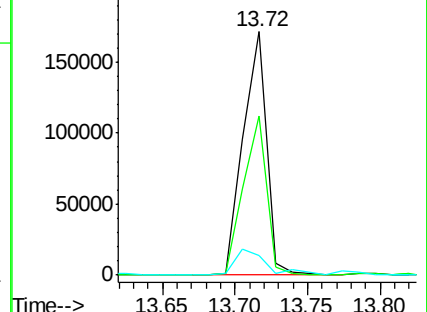
126 7.9 13.6 20.4#

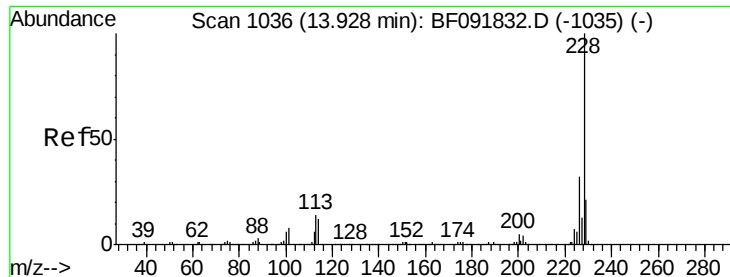


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.51 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

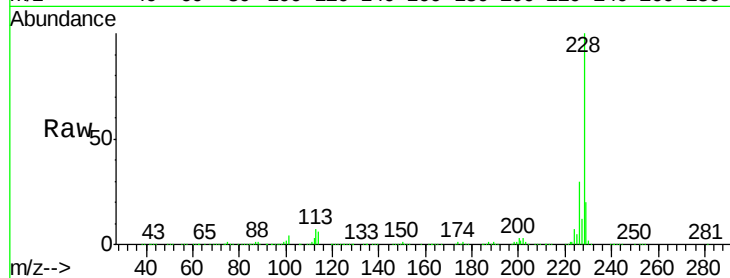
Tgt Ion:228 Resp: 879084

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.0

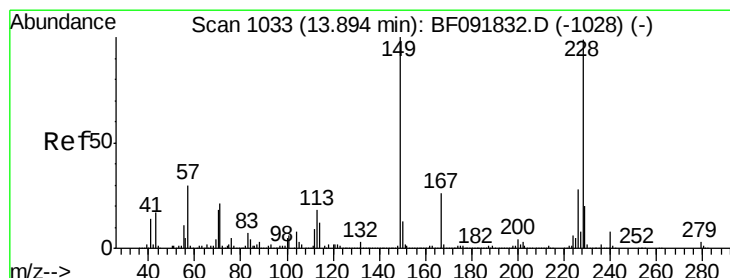
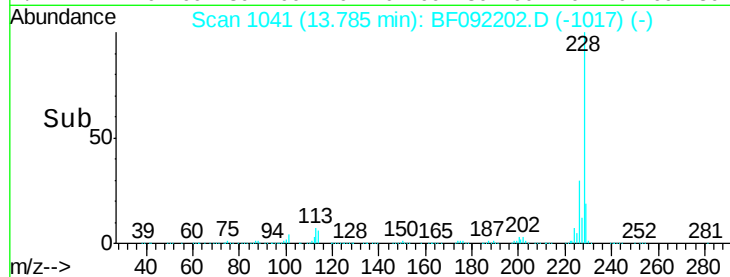
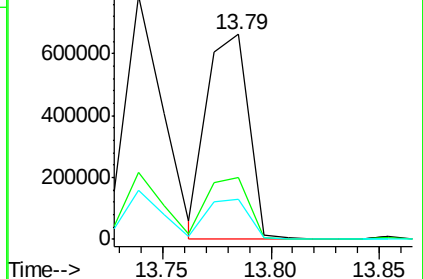
229 19.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 63.27 ng

RT: 13.75 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

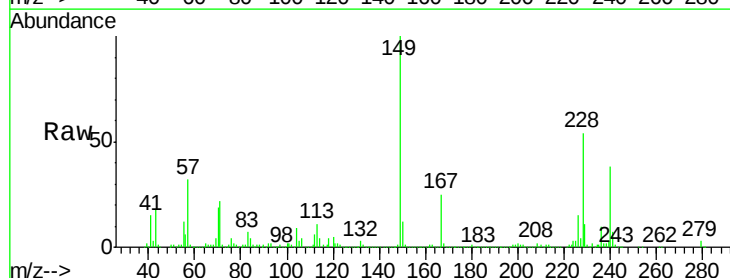
Tgt Ion:149 Resp: 735089

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

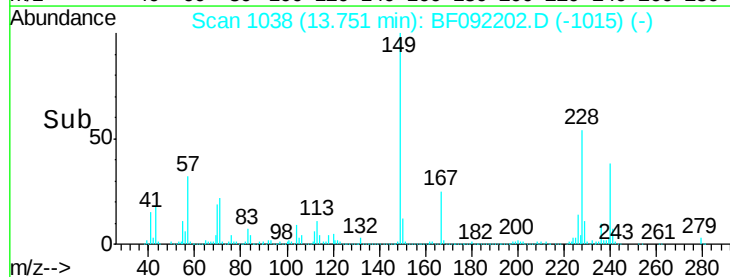
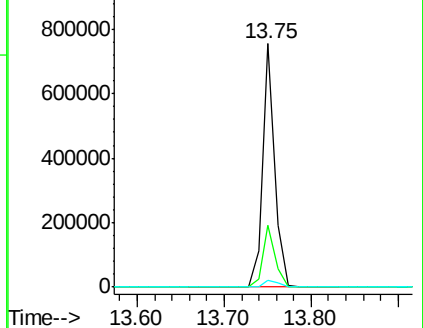
279 2.6 1.8 2.8

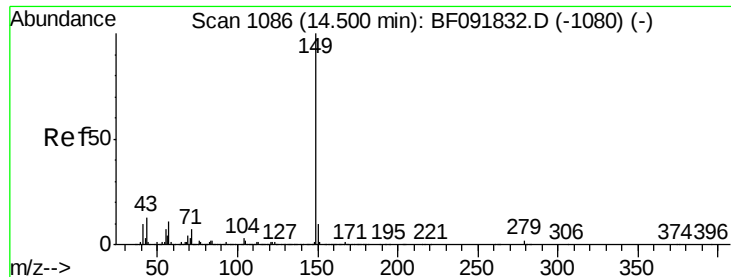


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.37 ng

RT: 14.36 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MS

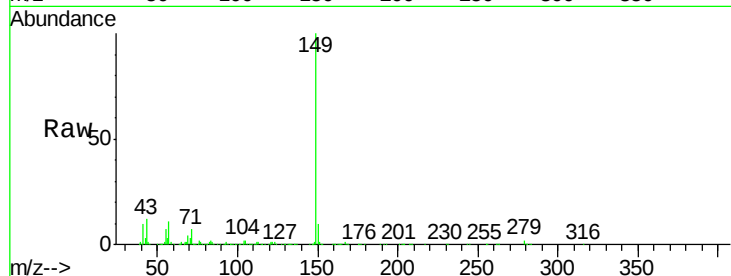
Tgt Ion:149 Resp: 1148610

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

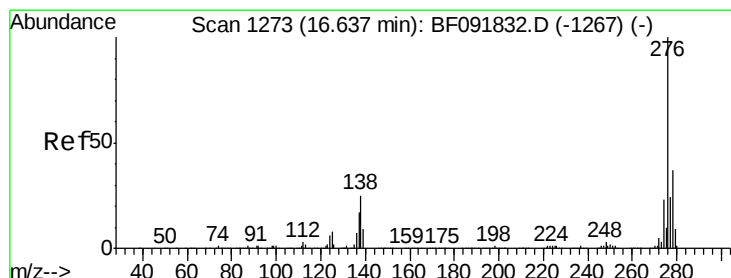
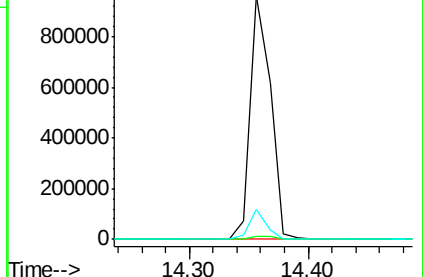
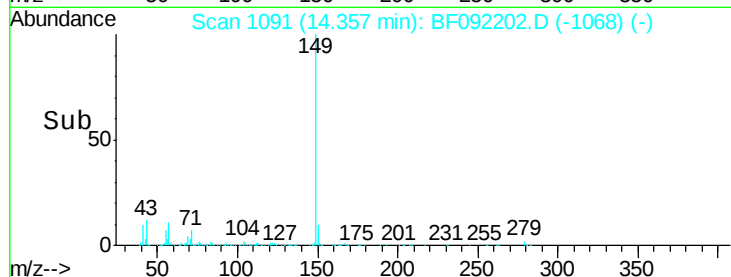
43 10.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 74.26 ng

RT: 16.38 min Scan# 1268

Delta R.T. -0.05 min

Lab File: BF092202.D

Acq: 11 Jan 2017 17:43

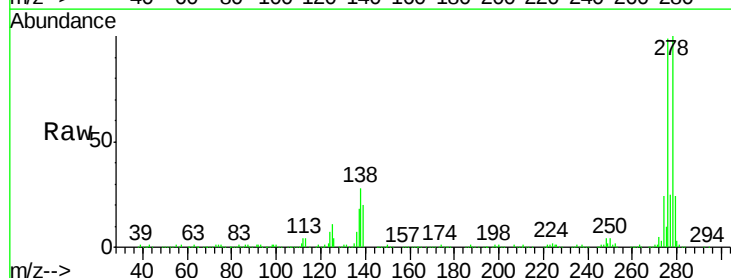
Tgt Ion:276 Resp: 1076931

Ion Ratio Lower Upper

276 100

138 26.7 21.8 32.6

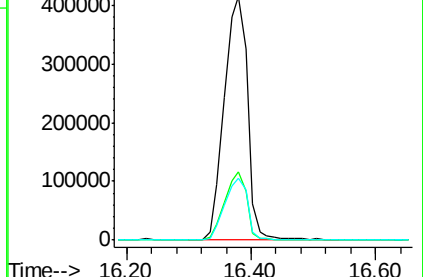
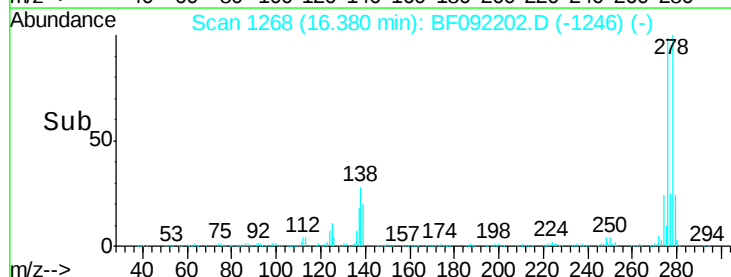
277 25.2 20.2 30.4

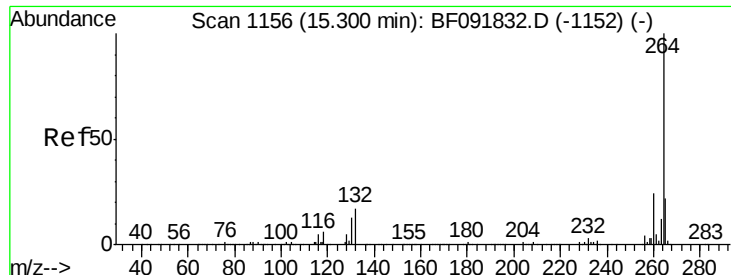


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



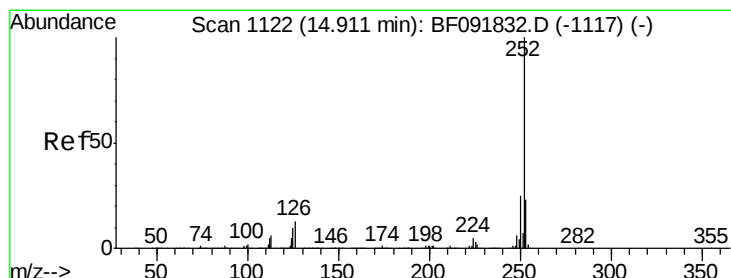
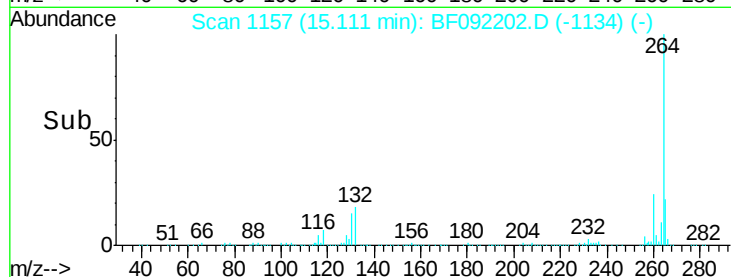
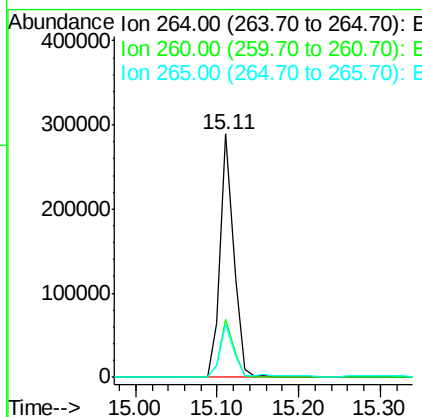
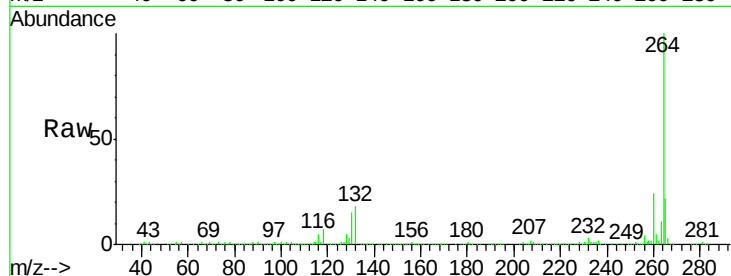


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1157
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

Tgt Ion: 264 Resp: 336449

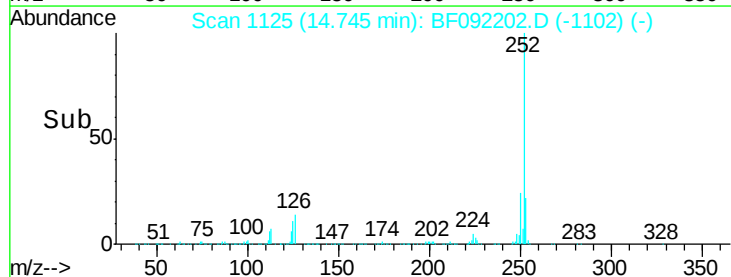
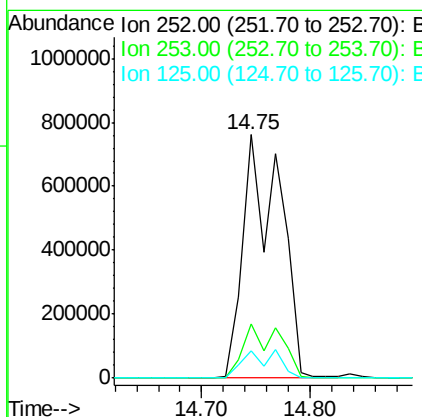
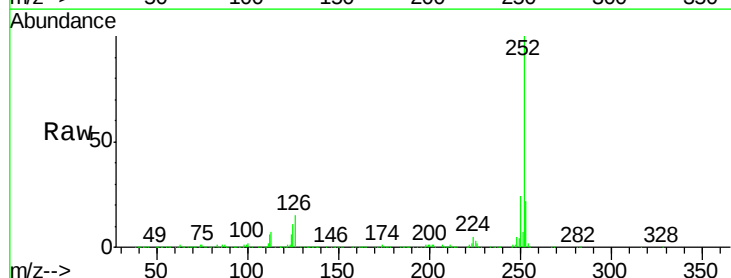
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.4	26.0

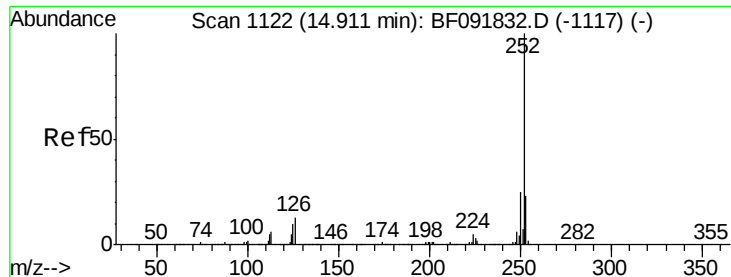


#87
Benzo(b)fluoranthene
Concen: 84.61 ng
RT: 14.75 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion: 252 Resp: 1772418

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.1	9.8	14.6

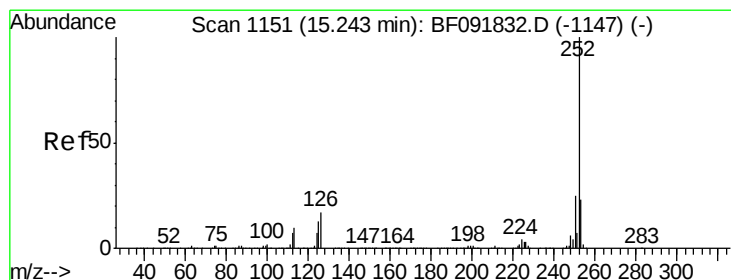
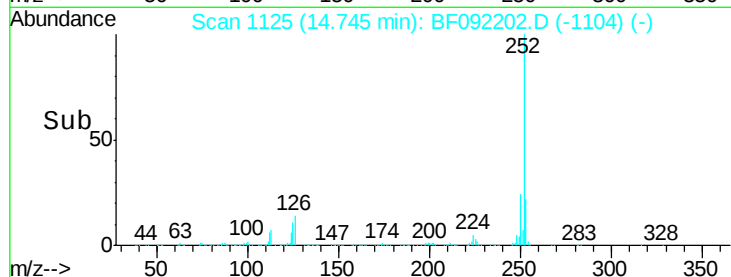
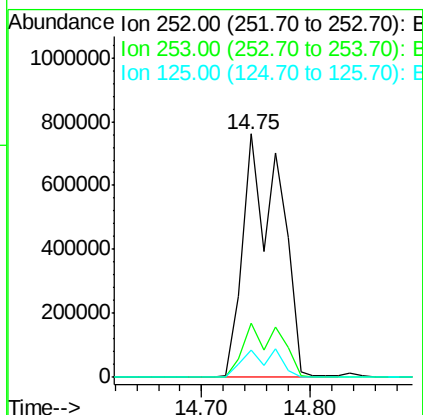
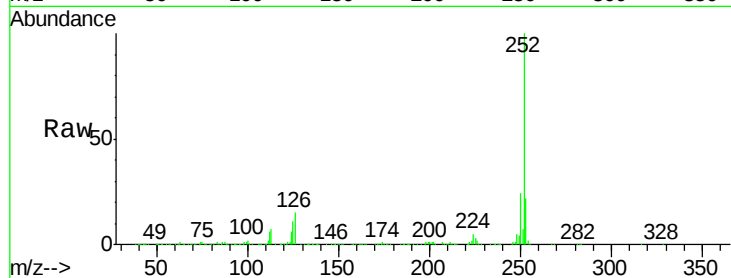




#88
Benzo(k)fluoranthene
Concen: 99.23 ng
RT: 14.75 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

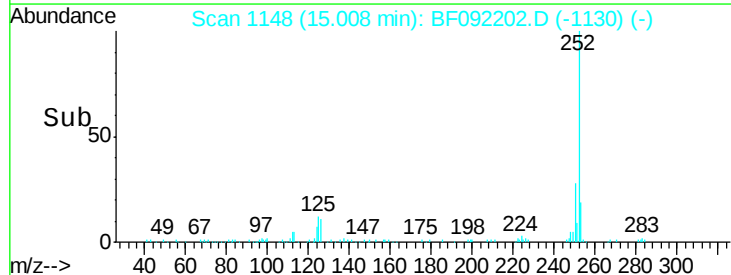
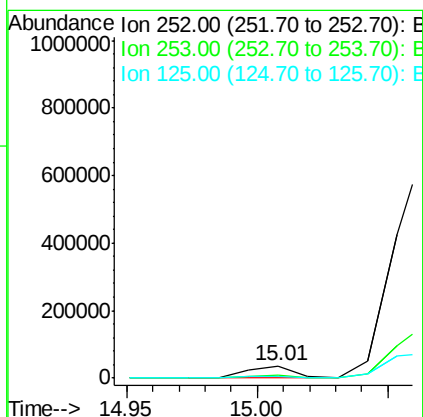
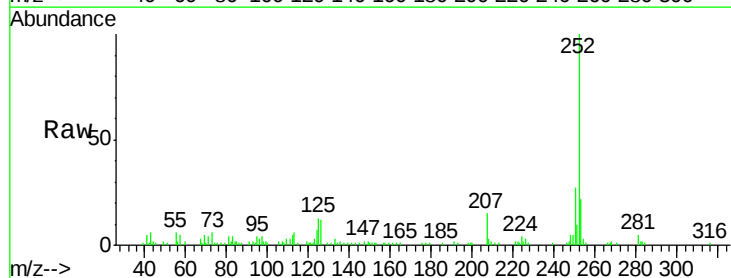
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

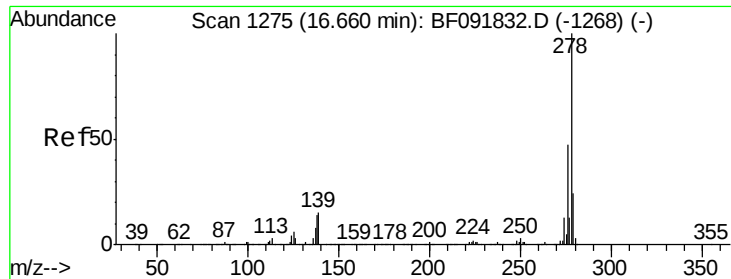
Tgt Ion:252 Resp: 1772418
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.1 8.9 13.3



#89
Benzo(a)pyrene
Concen: 2.37 ng
RT: 15.01 min Scan# 1148
Delta R.T. -0.09 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:252 Resp: 44034
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 12.8 10.0 15.0

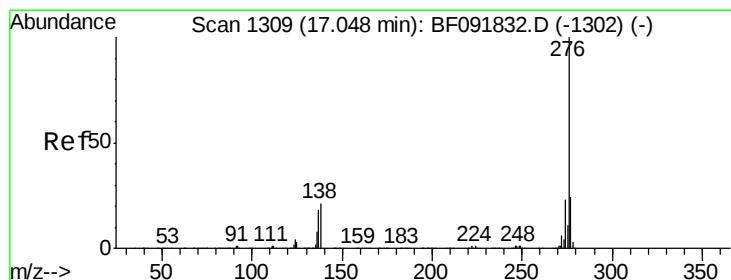
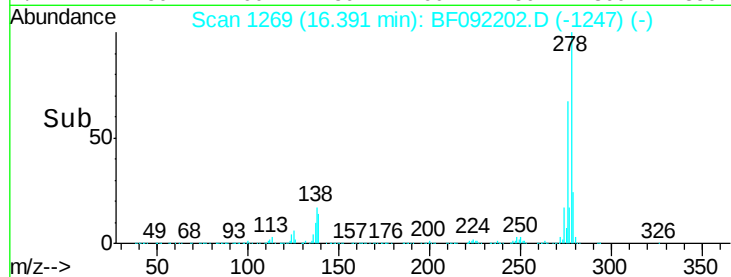
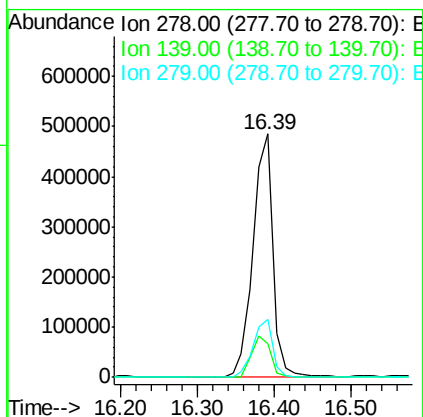
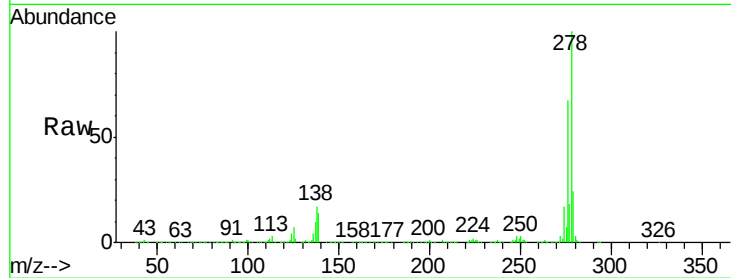




#90
Dibenzo(a,h)anthracene
Concen: 56.53 ng
RT: 16.39 min Scan# 1269
Delta R.T. -0.05 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MS

Tgt Ion:278 Resp: 863800
Ion Ratio Lower Upper
278 100
139 14.0 14.8 22.2#
279 23.9 19.8 29.6



#91
Benzo(g,h,i)perylene
Concen: 60.11 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF092202.D
Acq: 11 Jan 2017 17:43

Tgt Ion:276 Resp: 955080
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 18.8 16.0 24.0

