

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092195.D
 Acq On : 10 Jan 2017 21:16
 Operator : UM/SJ
 Sample : I1079-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jan 10 23:35:28 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	6.63	152	164912	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	716470	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	377514	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	605916	20.00	ng	0.00
75) Chrysene-d12	13.79	240	324325	20.00	ng	0.00
86) Perylene-d12	15.16	264	315060	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1361913	137.89	ng	0.00
7) Phenol-d6	6.31	99	1739908	144.29	ng	0.00
23) Nitrobenzene-d5	7.20	82	1174906	91.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	422935	135.37	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2079383	117.84	ng	0.00
78) Terphenyl-d14	12.74	244	1801659	134.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	165309	34.00	ng	98
3) Pyridine	2.78	79	235072	13.85	ng	95
4) n-Nitrosodimethylamine	2.72	42	259521	40.54	ng	97
6) Aniline	6.29	93	438807	28.02	ng	# 47
8) 2-Chlorophenol	6.42	128	529588	47.14	ng	95
9) Benzaldehyde	6.17	77	36793	3.87	ng	89
10) Phenol	6.32	94	858156	62.45	ng	# 73
11) bis(2-Chloroethyl)ether	6.38	93	516767	47.27	ng	95
12) 1,3-Dichlorobenzene	6.56	146	507571	42.32	ng	# 89
13) 1,4-Dichlorobenzene	6.64	146	509454	41.73	ng	100
14) 1,2-Dichlorobenzene	6.80	146	493792	46.62	ng	98
15) Benzyl Alcohol	6.79	79	429393	45.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	709844	43.60	ng	# 47
17) 2-Methylphenol	6.93	107	423816	46.91	ng	# 90
18) Hexachloroethane	7.13	117	191263	42.26	ng	# 88
19) n-Nitroso-di-n-propylamine	7.06	70	433526	54.04	ng	95
20) 3+4-Methylphenols	7.08	107	614113	56.99	ng	# 71
22) Acetophenone	7.05	105	801744	45.37	ng	# 91
24) Nitrobenzene	7.22	77	635241	46.29	ng	93
25) Isophorone	7.46	82	1089385	45.83	ng	96
26) 2-Nitrophenol	7.54	139	310112	45.82	ng	# 81
27) 2,4-Dimethylphenol	7.60	122	503254	44.83	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	711107	49.33	ng	99
29) 2,4-Dichlorophenol	7.80	162	464046	48.82	ng	90
30) 1,2,4-Trichlorobenzene	7.86	180	460098	44.17	ng	97
31) Naphthalene	7.94	128	1590444	48.50	ng	98
32) Benzoic acid	7.76	122	231376	27.79	ng	99
33) 4-Chloroaniline	8.00	127	330471	22.35	ng	95
34) Hexachlorobutadiene	8.06	225	249987	45.47	ng	99
35) Caprolactam	8.39	113	98154	31.43	ng	# 64
36) 4-Chloro-3-methylphenol	8.52	107	524131	47.92	ng	99
37) 2-Methylnaphthalene	8.63	142	1008141	55.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	418171	43.84	ng	97
40) Hexachlorocyclopentadiene	8.79	237	283176	67.33	ng	98

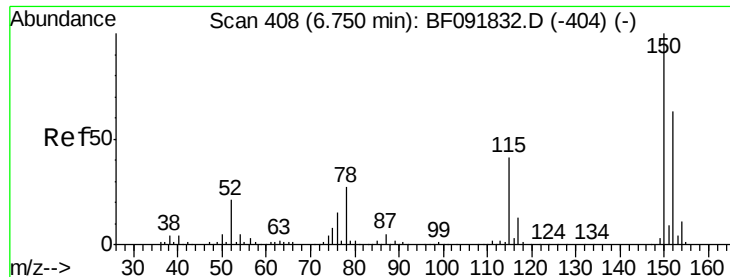
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	305185	45.75	ng	98
43) 2,4,5-Trichlorophenol	8.98	196	293899	42.81	ng #	84
45) 1,1'-Biphenyl	9.10	154	1190416	46.05	ng	98
46) 2-Chloronaphthalene	9.12	162	899370	43.94	ng	95
47) 2-Nitroaniline	9.22	65	312756	42.91	ng	97
48) Acenaphthylene	9.53	152	1339260	42.54	ng	99
49) Dimethylphthalate	9.42	163	1367614	56.64	ng	100
50) 2,6-Dinitrotoluene	9.48	165	248779	47.07	ng #	79
51) Acenaphthene	9.70	154	966092	45.26	ng	99
52) 3-Nitroaniline	9.64	138	192977	29.51	ng	95
53) 2,4-Dinitrophenol	9.76	184	216621	73.67	ng #	69
54) Dibenzofuran	9.88	168	1339653	46.48	ng	97
55) 4-Nitrophenol	9.88	139	873509	196.71	ng #	8
56) 2,4-Dinitrotoluene	9.89	165	336672	50.76	ng #	71
57) Fluorene	10.22	166	1094488	52.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	267984	49.36	ng	95
59) Diethylphthalate	10.12	149	1175580	50.13	ng	95
60) 4-Chlorophenyl-phenylether	10.22	204	470134	51.20	ng #	82
61) 4-Nitroaniline	10.26	138	297602	43.91	ng	88
62) Azobenzene	10.38	77	1321929	51.20	ng	88
64) 4,6-Dinitro-2-methylphenol	10.30	198	184972	50.48	ng	88
65) n-Nitrosodiphenylamine	10.34	169	985770	54.83	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	281083	44.60	ng	93
67) Hexachlorobenzene	10.77	284	292941	43.48	ng #	83
68) Atrazine	10.88	200	318358	54.89	ng	97
69) Pentachlorophenol	10.97	266	270891	81.95	ng	99
70) Phenanthrene	11.18	178	2377865	72.37	ng	99
71) Anthracene	11.24	178	1798843	Below	Cal	99
72) Carbazole	11.40	167	1528291	Below	Cal	98
73) Di-n-butylphthalate	11.73	149	1763052	57.80	ng	98
74) Fluoranthene	12.37	202	2340642	84.57	ng	95
76) Benzidine	12.49	184	80721	6.45	ng	96
77) Pyrene	12.60	202	2222492	93.40	ng	100
79) Butylbenzylphthalate	13.21	149	653922	60.42	ng	99
80) Benzo(a)anthracene	13.77	228	1190229	65.01	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	285902	41.18	ng	97
82) Chrysene	13.82	228	1127462	61.40	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	921775	72.32	ng #	95
84) Di-n-octyl phthalate	14.39	149	1418944	60.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.45	276	961274	60.42	ng	98
87) Benzo(b)fluoranthene	14.81	252	2014154	102.68	ng #	95
88) Benzo(k)fluoranthene	14.81	252	2014154	120.42	ng #	96
89) Benzo(a)pyrene	15.11	252	965273	55.44	ng #	95
90) Dibenzo(a,h)anthracene	16.45	278	754589	52.73	ng	99
91) Benzo(g,h,i)perylene	16.83	276	840140	56.46	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

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USDOT-617122-COMP-0-2MSD

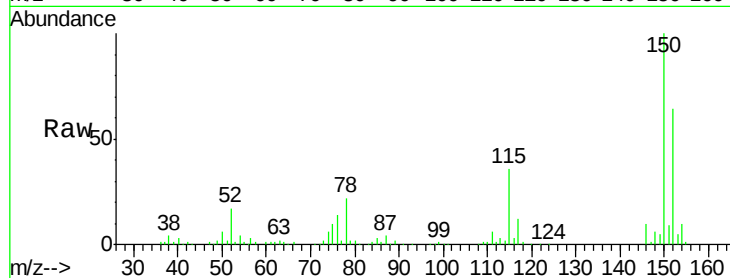
Tgt Ion:152 Resp: 164912

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

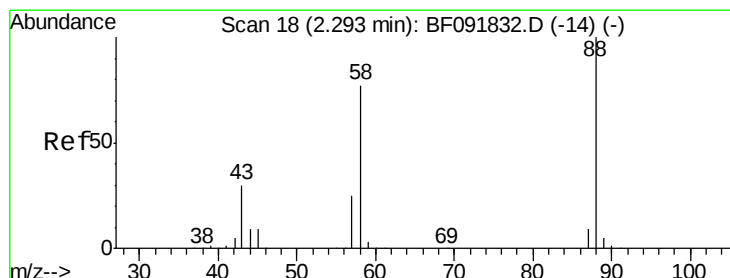
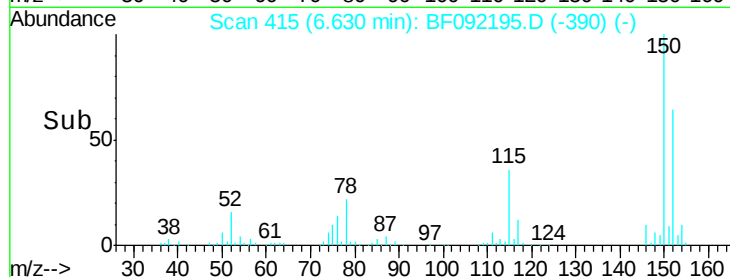
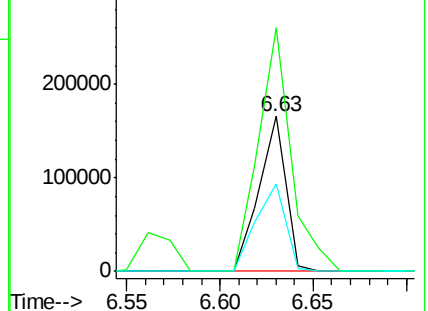
115 56.4 46.0 69.0



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: 34.00 ng

RT: 2.12 min Scan# 20

Delta R.T. 0.03 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

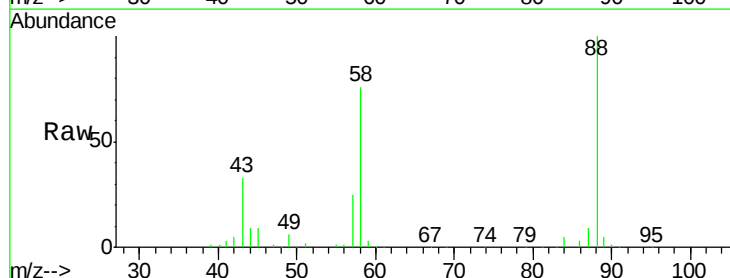
Tgt Ion: 88 Resp: 165309

Ion Ratio Lower Upper

88 100

58 74.2 57.8 86.8

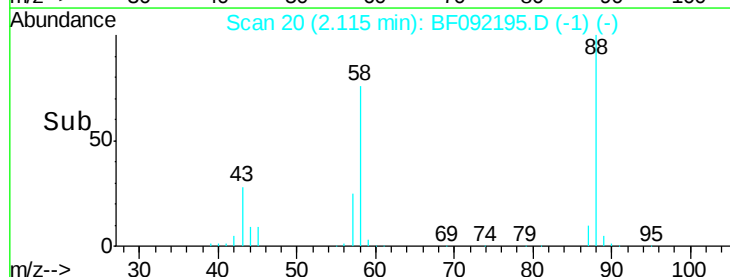
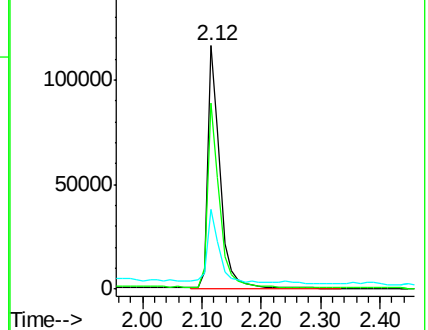
43 29.1 22.3 33.5

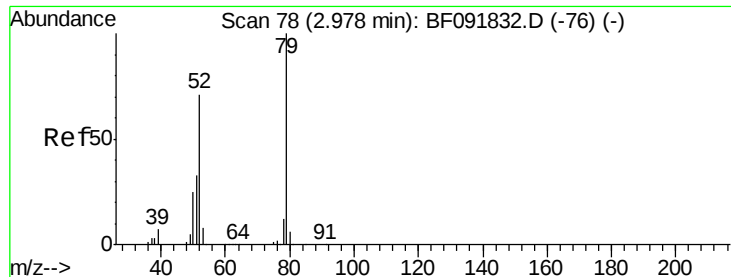


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.85 ng

RT: 2.78 min Scan# 78

Delta R.T. 0.05 min

Lab File: BF092195.D

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Instrument :

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USDOT-617122-COMP-0-2MSD

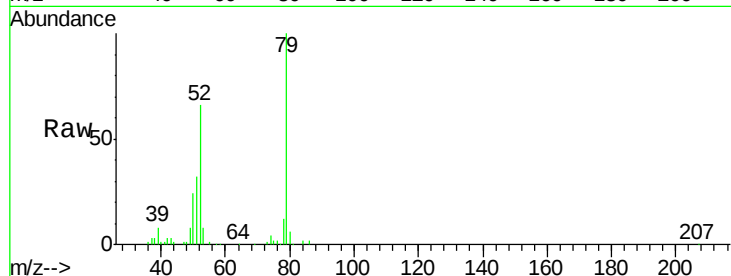
Tgt Ion: 79 Resp: 235072

Ion Ratio Lower Upper

79 100

52 66.5 57.1 85.7

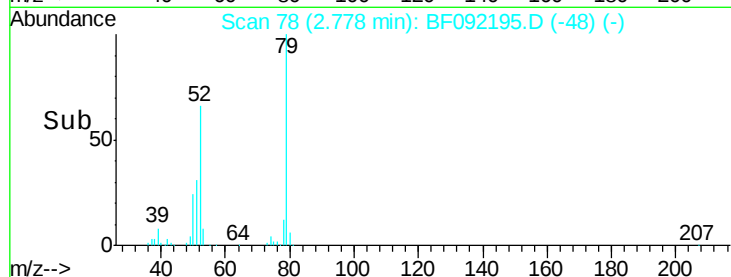
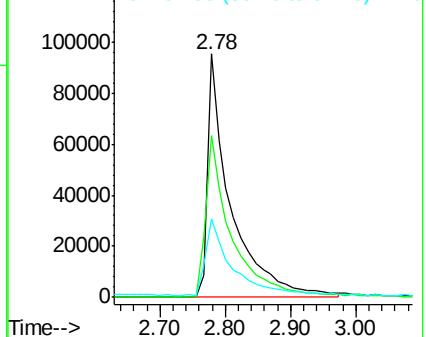
51 32.3 27.3 40.9



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: 40.54 ng

RT: 2.72 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

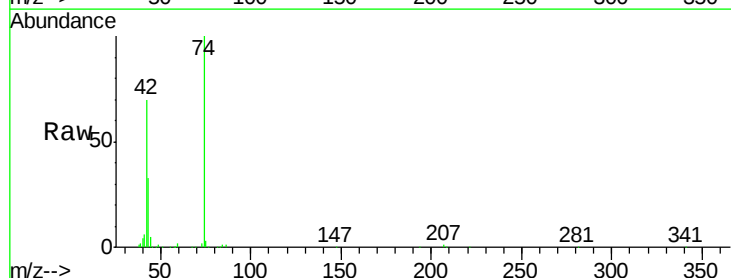
Tgt Ion: 42 Resp: 259521

Ion Ratio Lower Upper

42 100

74 142.5 117.0 175.4

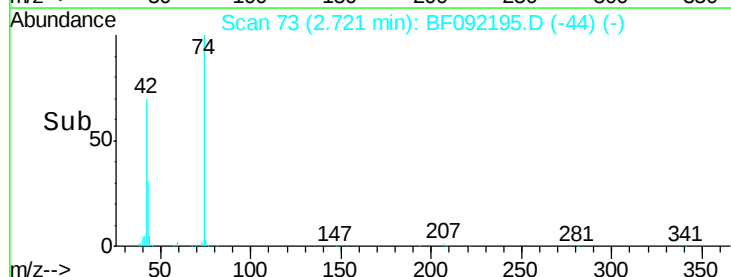
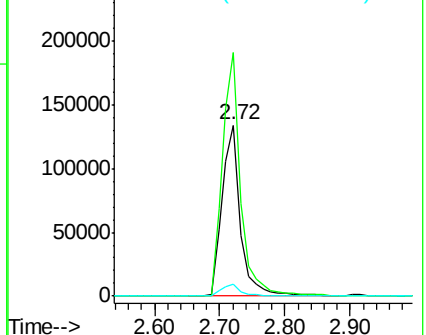
44 6.8 5.5 8.3

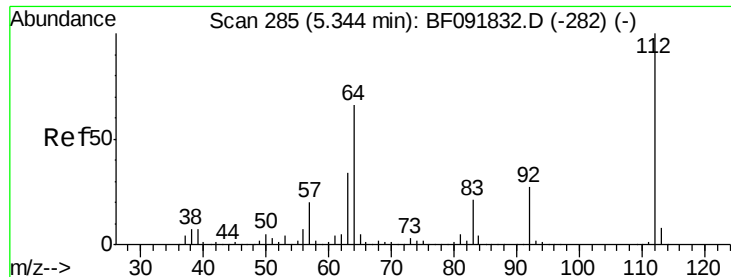


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.89 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

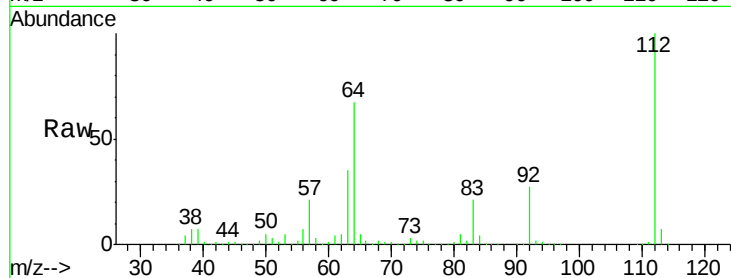
Tgt Ion: 112 Resp: 1361913

Ion Ratio Lower Upper

112 100

64 67.1 46.1 69.1

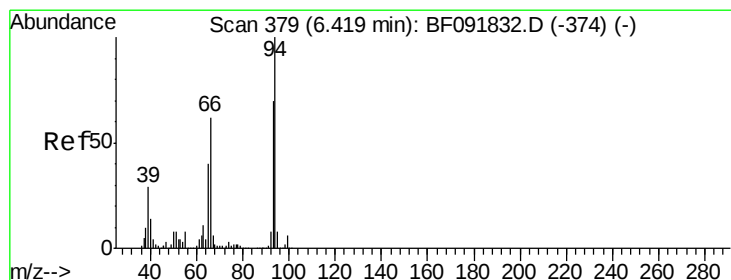
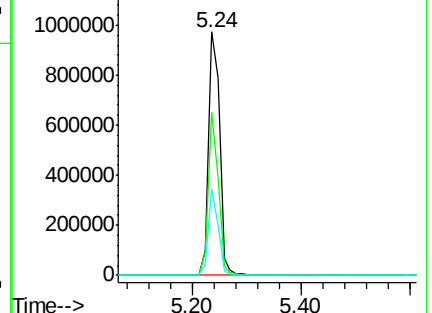
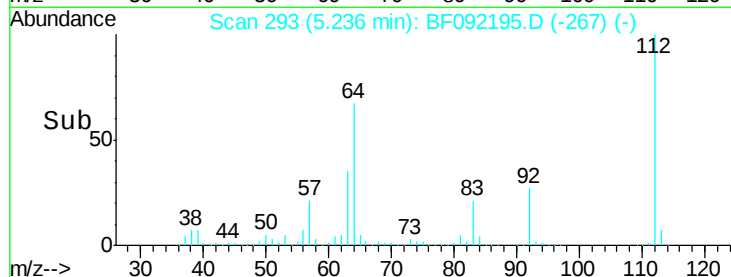
63 35.3 23.8 35.6



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: 28.02 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

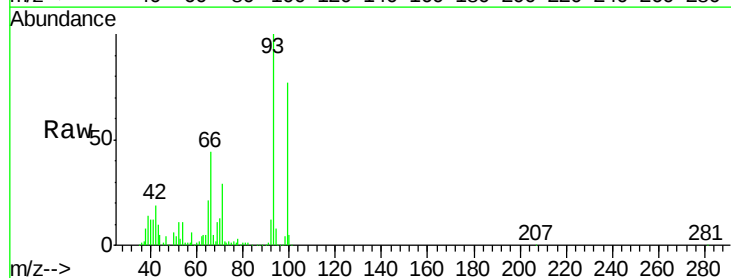
Tgt Ion: 93 Resp: 438807

Ion Ratio Lower Upper

93 100

66 43.8 76.2 114.2#

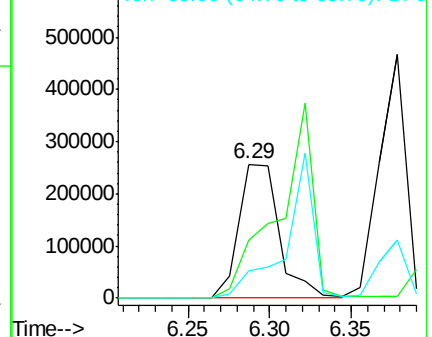
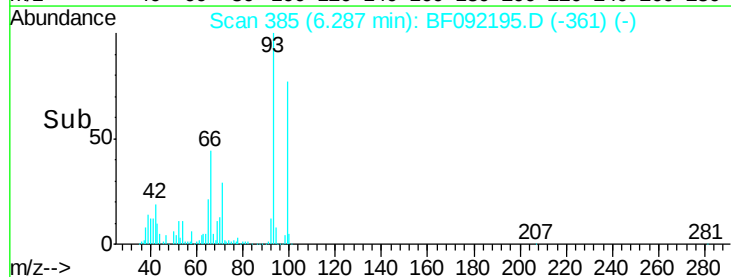
65 20.5 49.3 73.9#



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: 144.29 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092195.D

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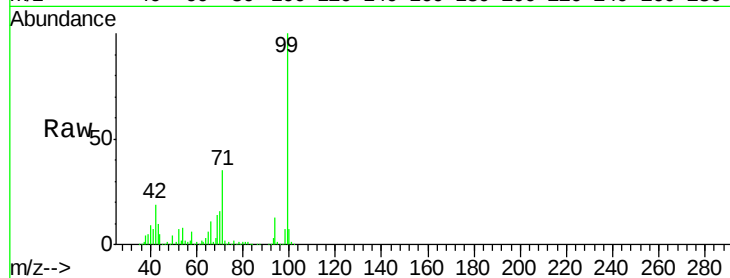
Tgt Ion: 99 Resp: 1739908

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

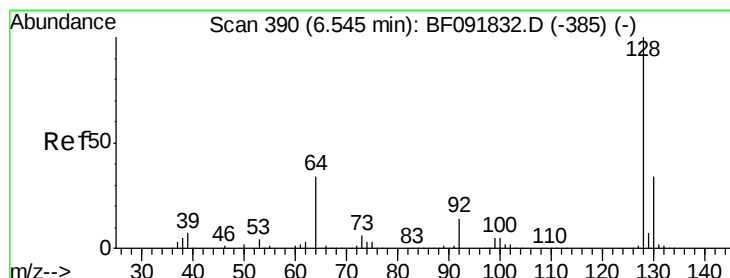
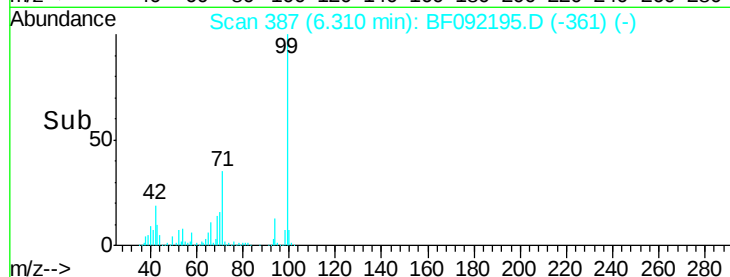
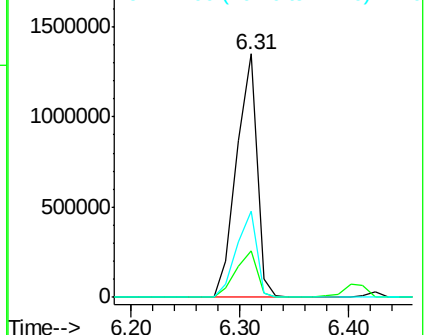
71 35.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.14 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

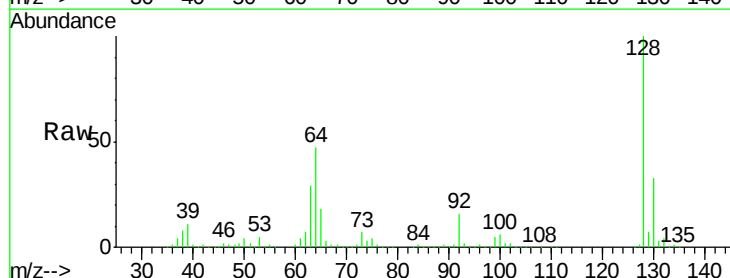
Tgt Ion: 128 Resp: 529588

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

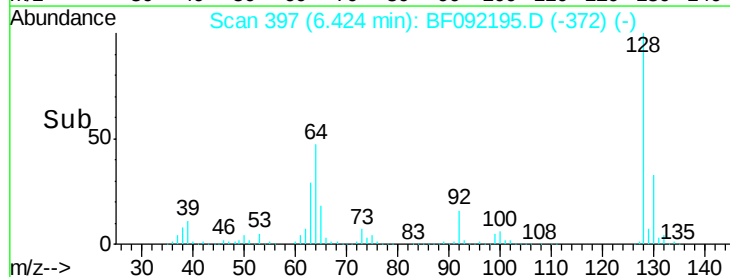
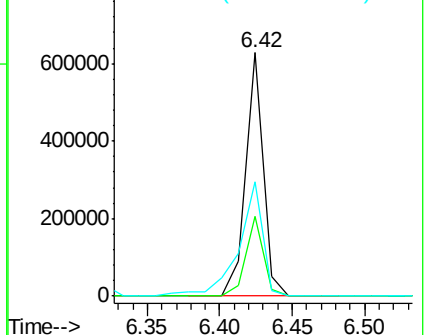
64 47.2 32.2 72.2

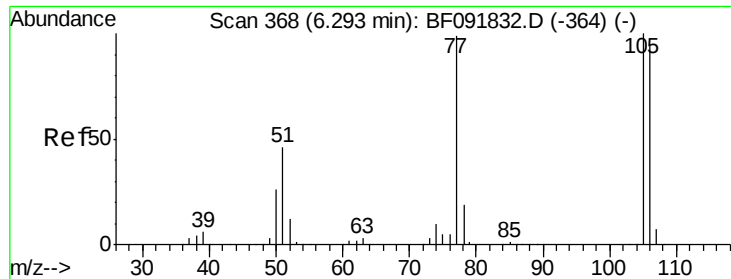


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.87 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

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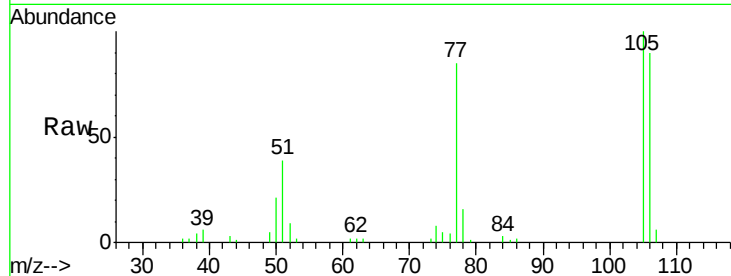
Tgt Ion: 77 Resp: 36793

Ion Ratio Lower Upper

77 100

105 117.1 83.9 123.9

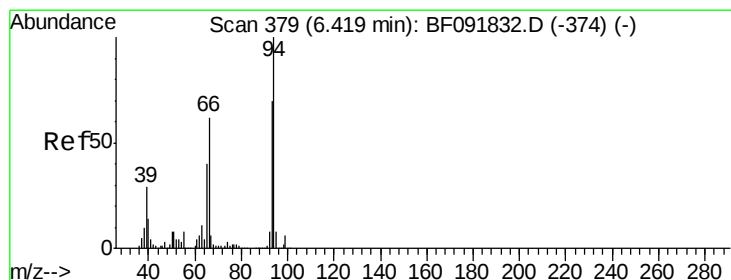
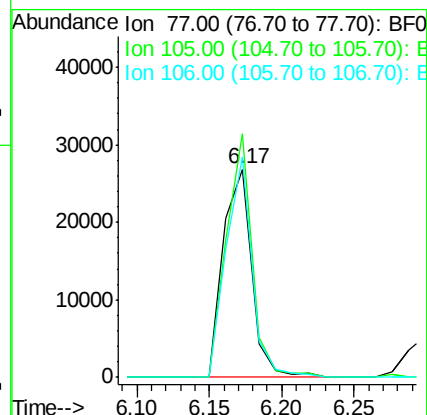
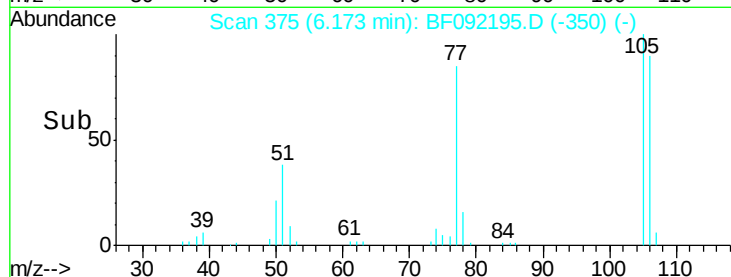
106 105.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 62.45 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

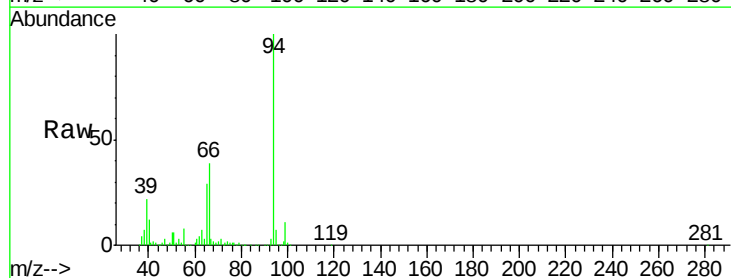
Tgt Ion: 94 Resp: 858156

Ion Ratio Lower Upper

94 100

65 28.9 21.4 61.4

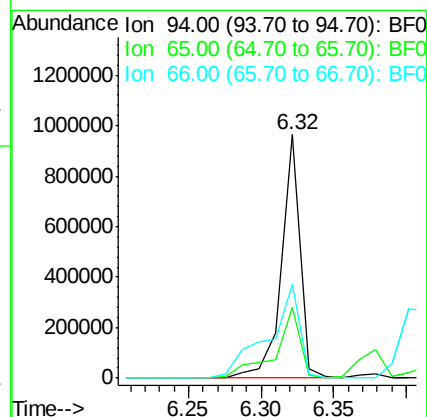
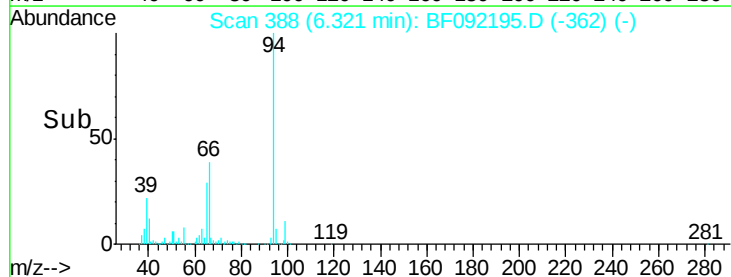
66 38.7 44.0 84.0#

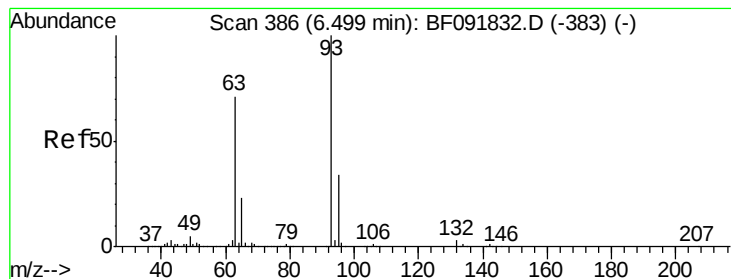


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

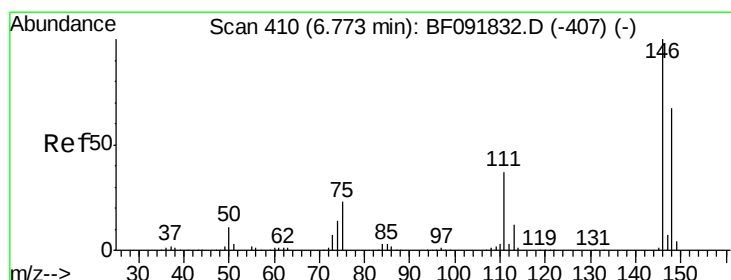
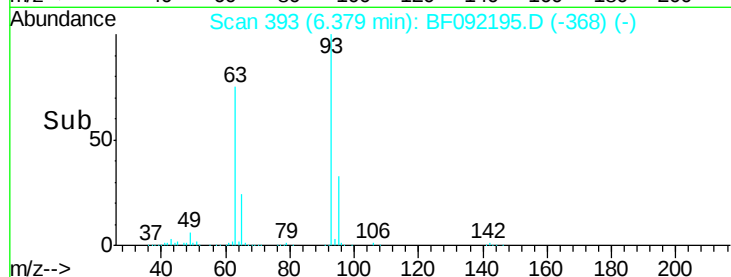
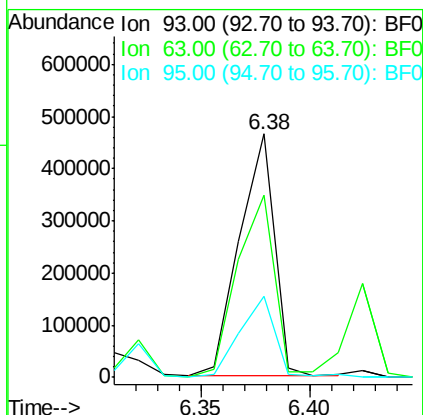
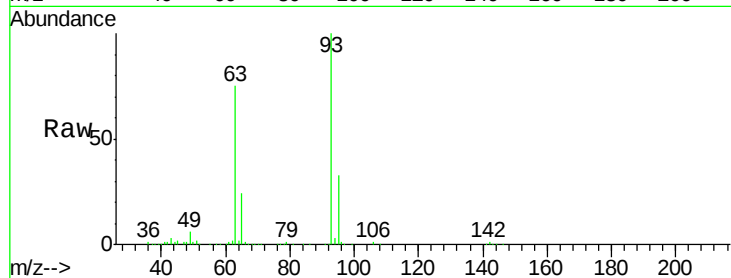




#11
bis(2-Chloroethyl)ether
Concen: 47.27 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

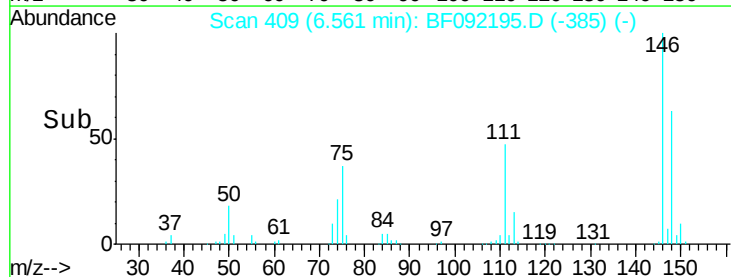
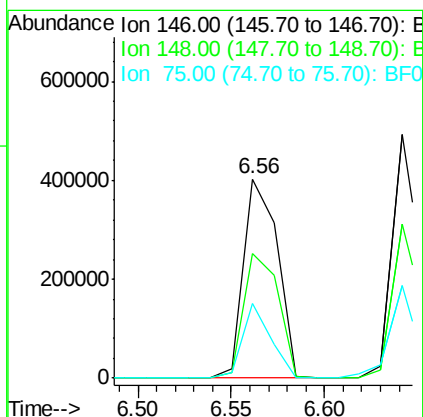
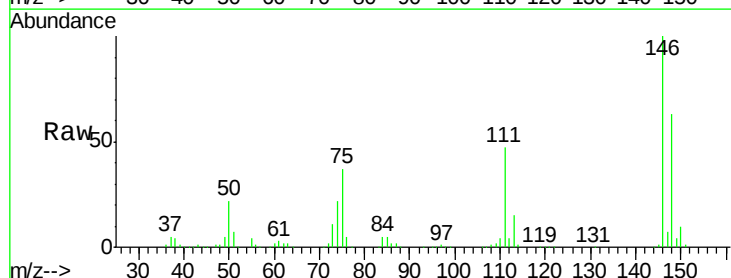
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

Tgt Ion: 93 Resp: 516767
Ion Ratio Lower Upper
93 100
63 74.6 60.4 100.4
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.32 ng
RT: 6.56 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 146 Resp: 507571
Ion Ratio Lower Upper
146 100
148 62.8 53.4 80.0
75 37.5 18.5 27.7#

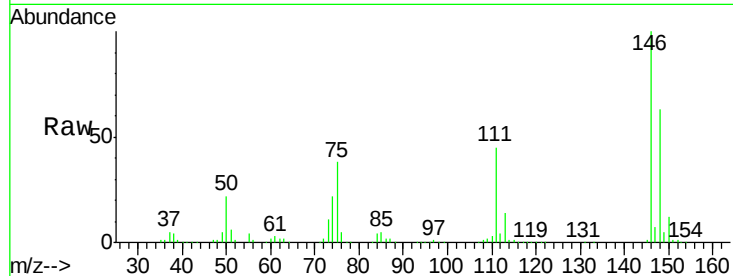




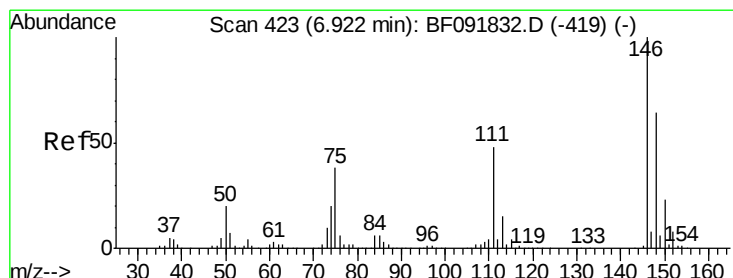
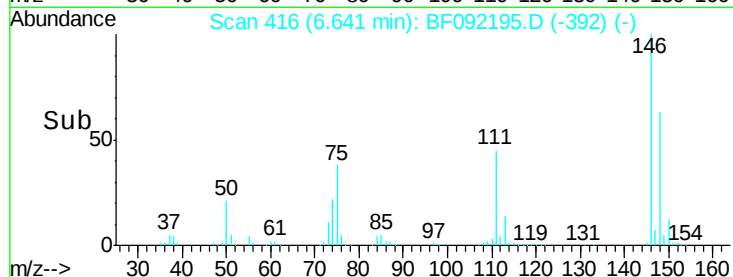
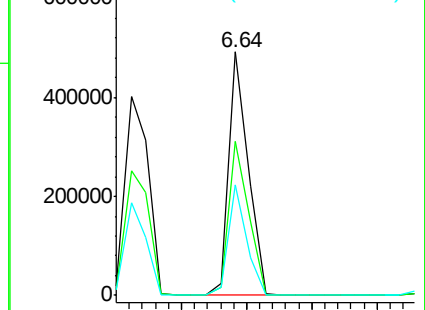
#13
 1,4-Dichlorobenzene
 Concen: 41.73 ng
 RT: 6.64 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion:146 Resp: 509454
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 45.2 36.2 54.4

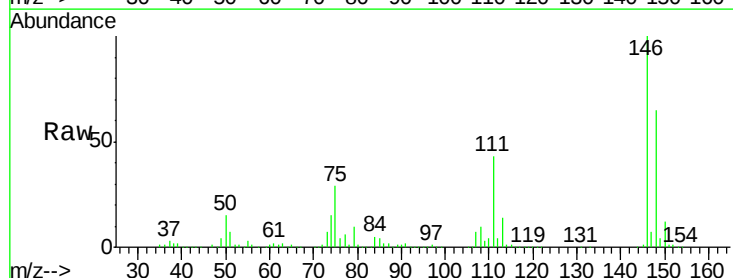


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

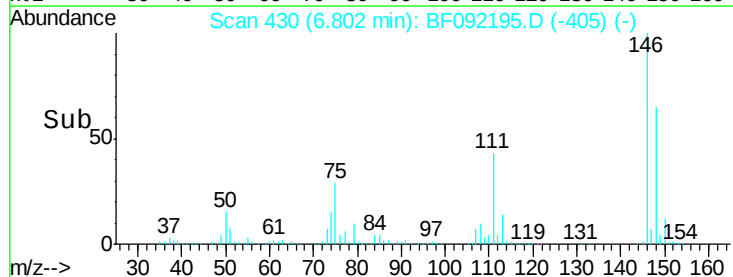
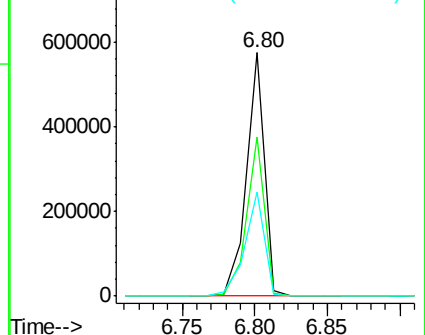


#14
 1,2-Dichlorobenzene
 Concen: 46.62 ng
 RT: 6.80 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion:146 Resp: 493792
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.2
 111 42.5 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: 45.83 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

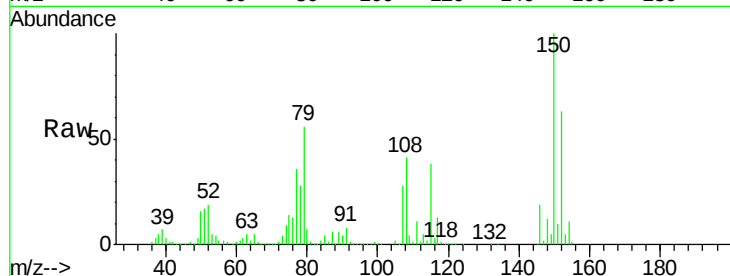
Tgt Ion: 79 Resp: 429393

Ion Ratio Lower Upper

79 100

108 74.3 61.4 92.0

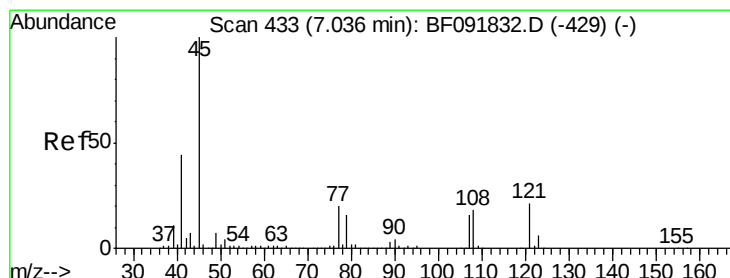
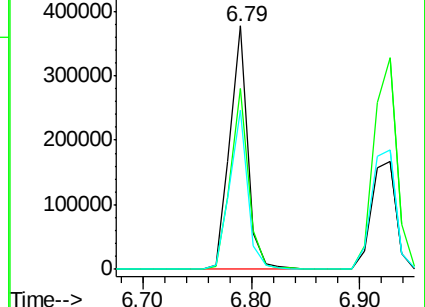
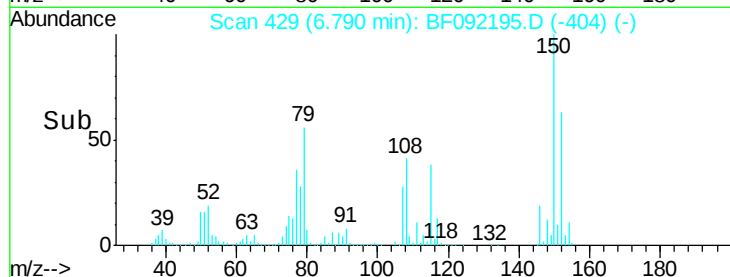
77 65.3 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.60 ng

RT: 6.92 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

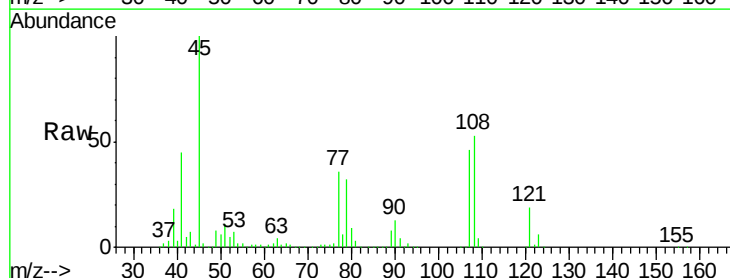
Tgt Ion: 45 Resp: 709844

Ion Ratio Lower Upper

45 100

77 35.8 0.0 34.6#

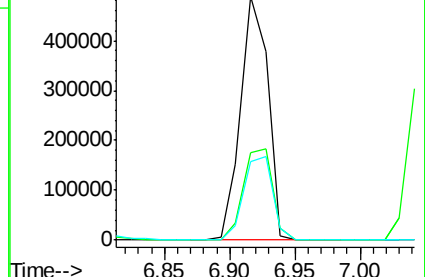
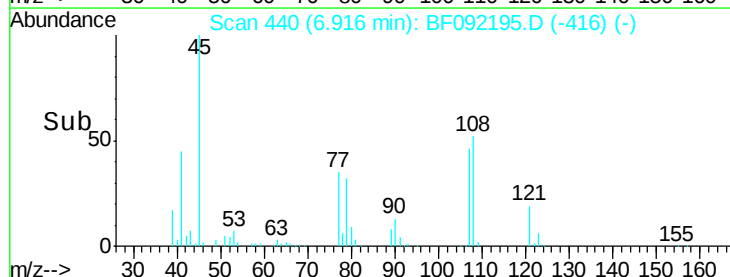
79 32.3 0.0 31.2#

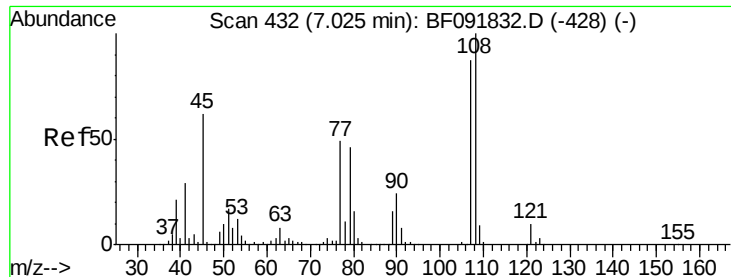


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

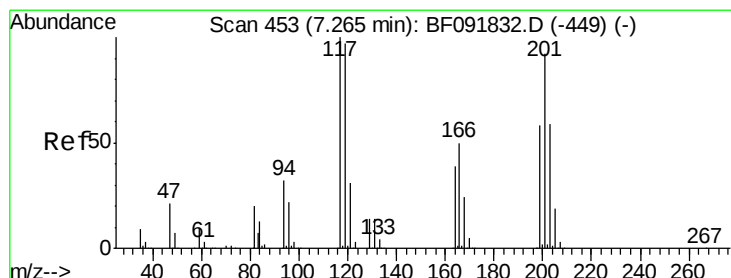
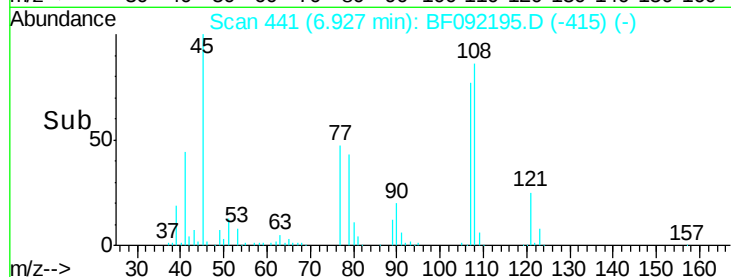
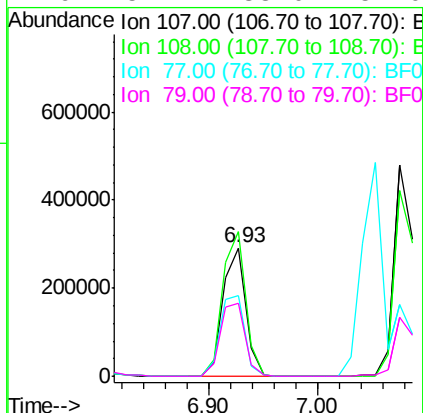
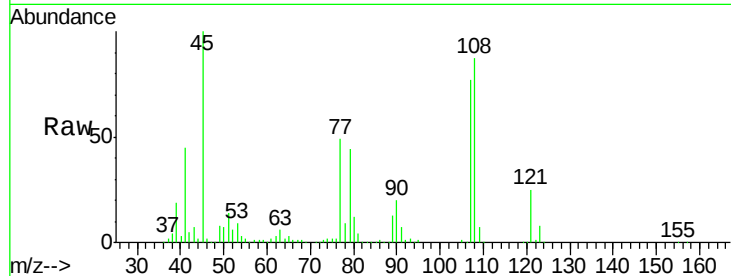




#17
2-Methylphenol
Concen: 46.91 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

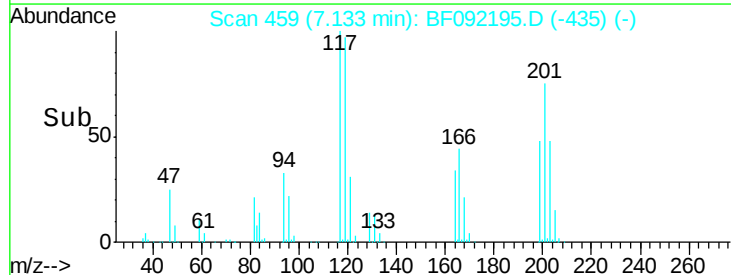
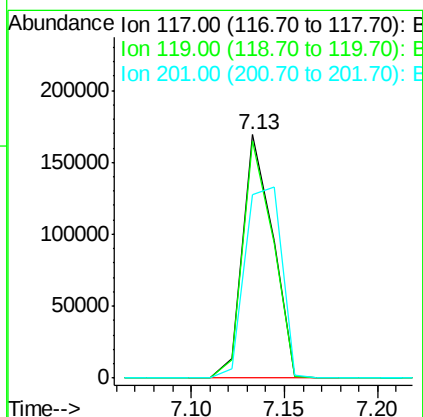
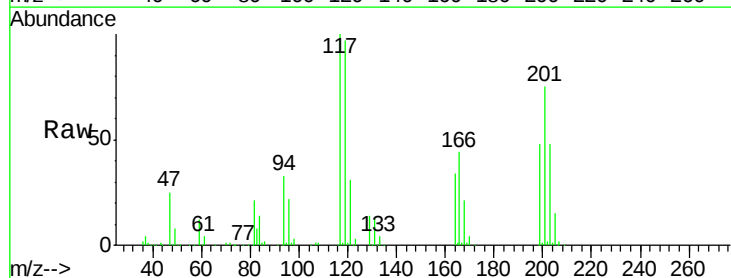
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

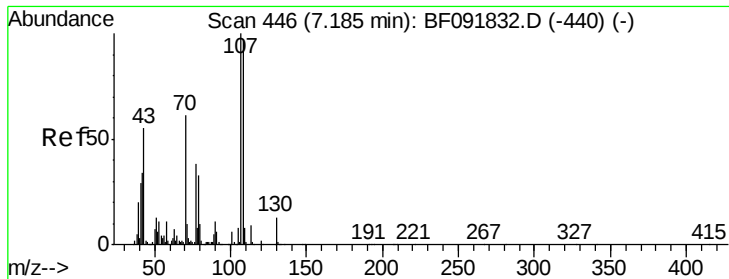
Tgt Ion:107 Resp: 423816
Ion Ratio Lower Upper
107 100
108 112.4 93.0 139.6
77 63.0 39.8 59.8#
79 57.1 38.0 57.0#



#18
Hexachloroethane
Concen: 42.26 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:117 Resp: 191263
Ion Ratio Lower Upper
117 100
119 97.2 78.1 117.1
201 75.4 78.6 117.8#

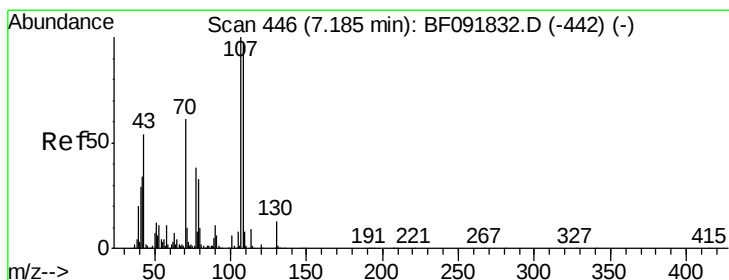
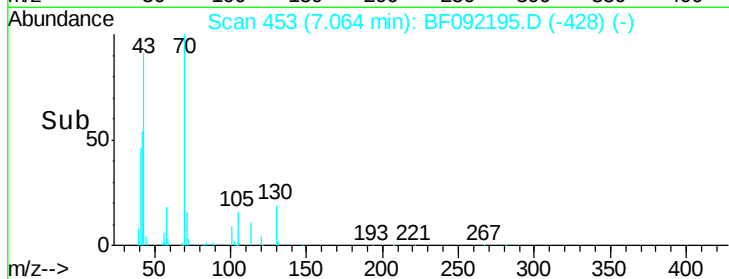
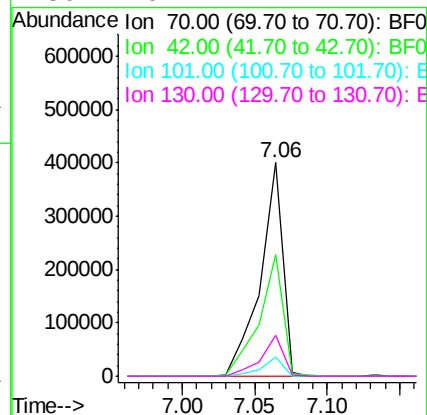
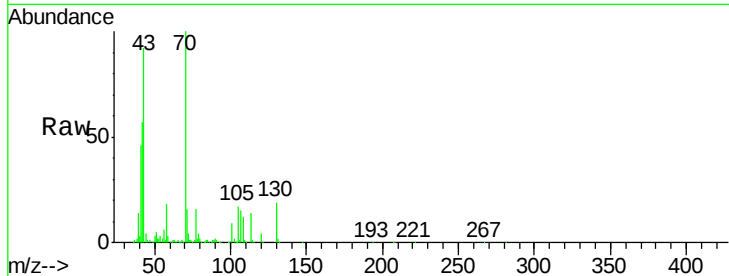




#19
n-Nitroso-di-n-propylamine
Concen: 54.04 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

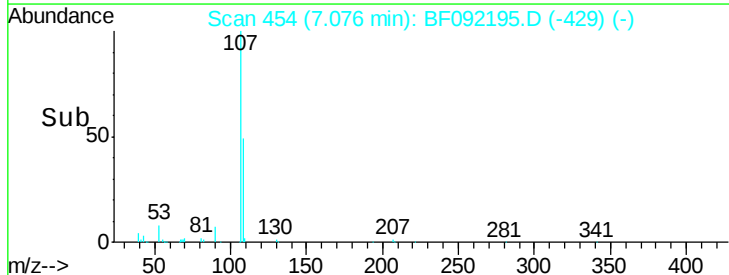
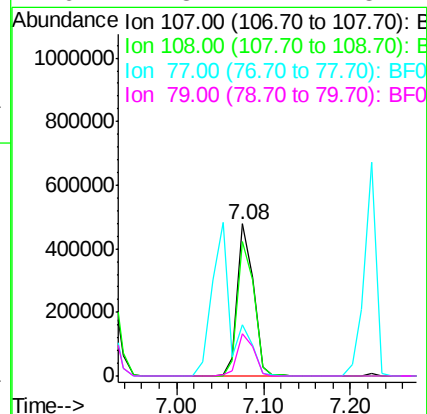
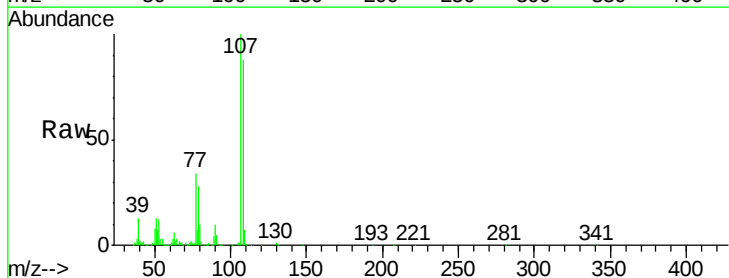
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

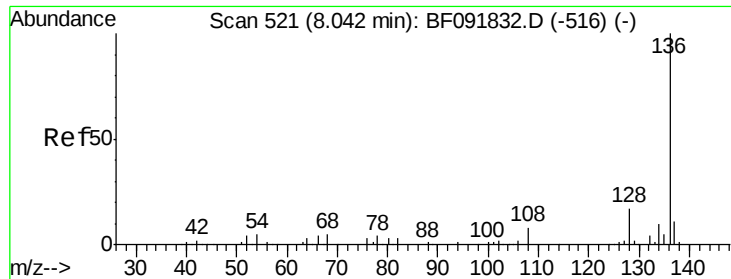
Tgt Ion:	70	Resp:	433526
Ion	Ratio	Lower	Upper
70	100		
42	57.0	49.4	74.0
101	9.2	7.4	11.2
130	19.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 56.99 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:	107	Resp:	614113
Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.0	113.0
77	33.9	71.3	111.3#
79	27.8	11.1	51.1

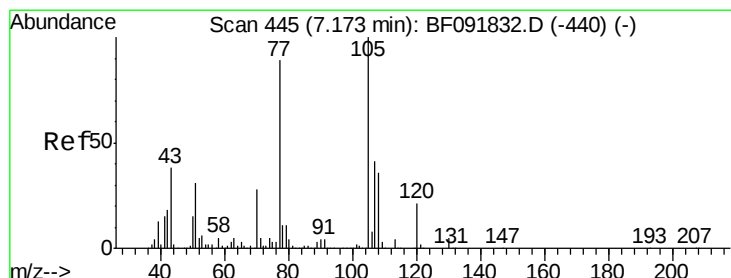
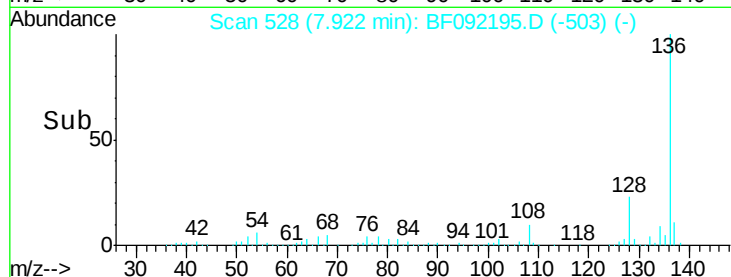
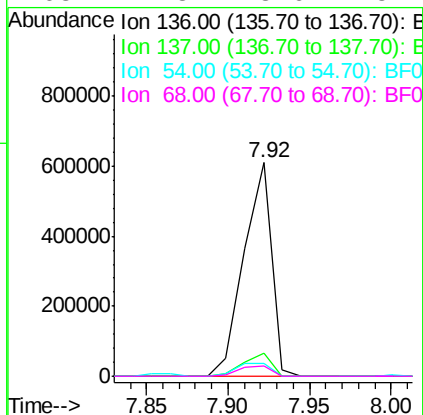
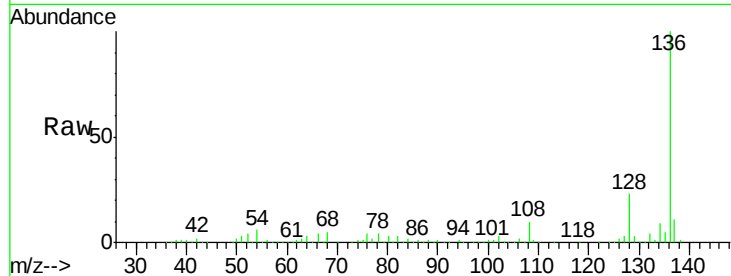




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

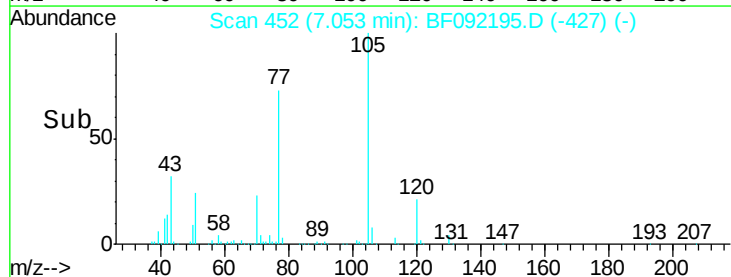
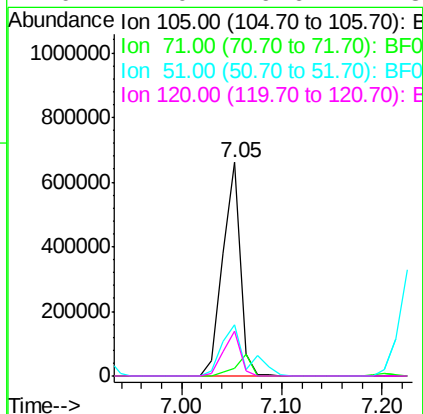
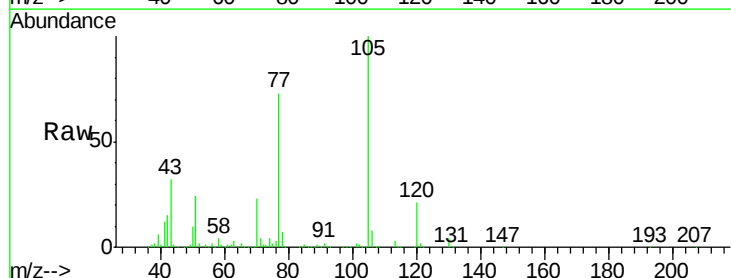
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

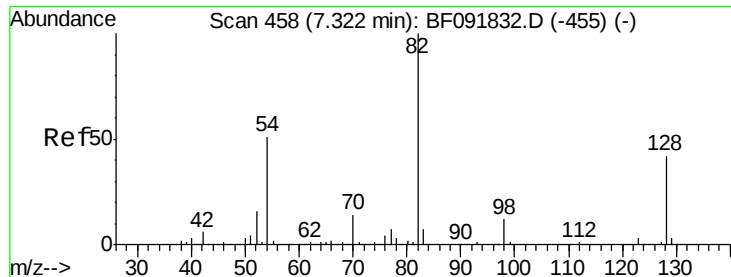
Tgt Ion:	136	Resp:	716470
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	5.9	4.5	6.7
68	4.8	3.6	5.4



#22
Acetophenone
Concen: 45.37 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:	105	Resp:	801744
Ion Ratio	Lower	Upper	
105	100		
71	3.8	3.2	4.8
51	24.2	26.2	39.4
120	21.0	16.6	24.8

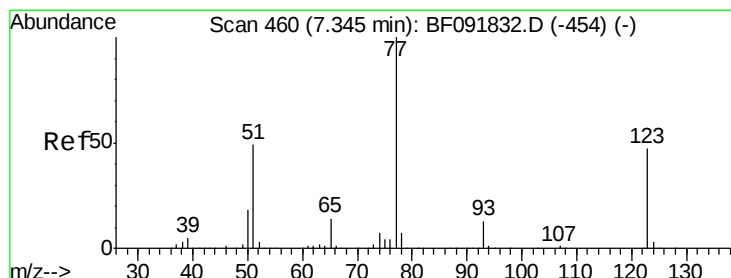
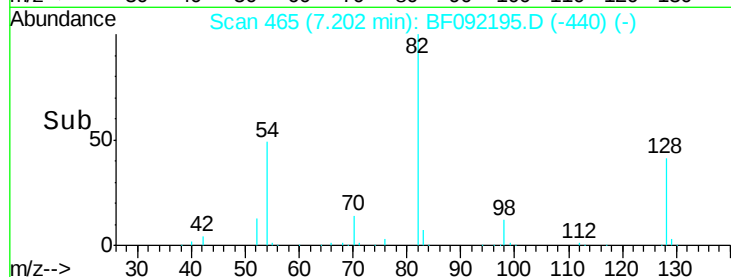
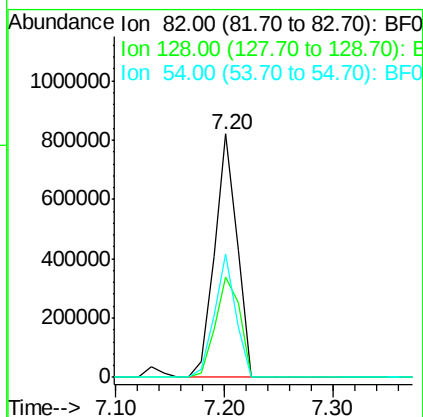
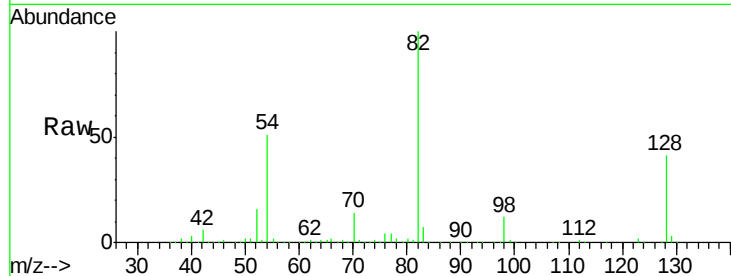




#23
 Nitrobenzene-d5
 Concen: 91.19 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

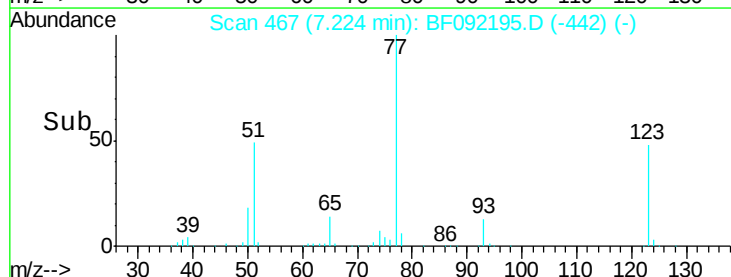
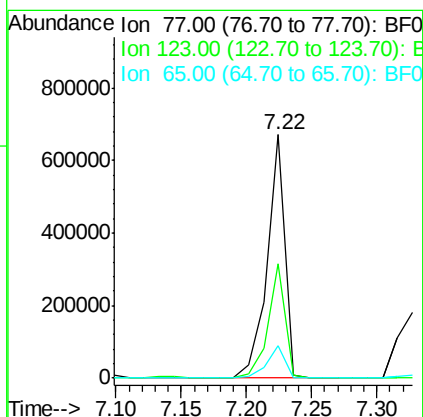
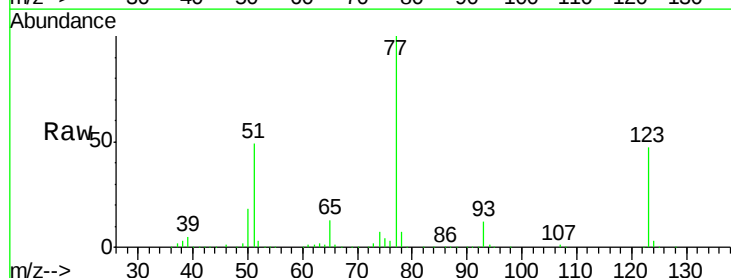
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MSD

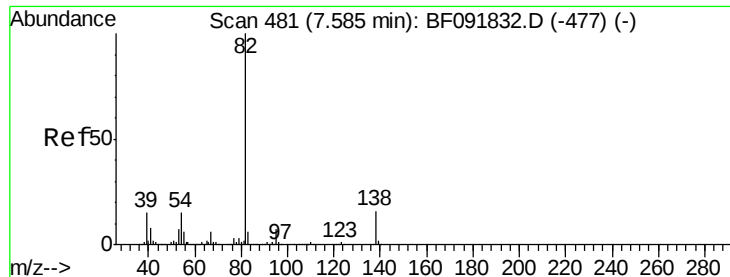
Tgt Ion: 82 Resp: 1174906
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 50.7 39.5 59.3



#24
 Nitrobenzene
 Concen: 46.29 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion: 77 Resp: 635241
 Ion Ratio Lower Upper
 77 100
 123 46.8 33.0 49.4
 65 13.4 11.2 16.8





#25

Isophorone

Concen: 45.83 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

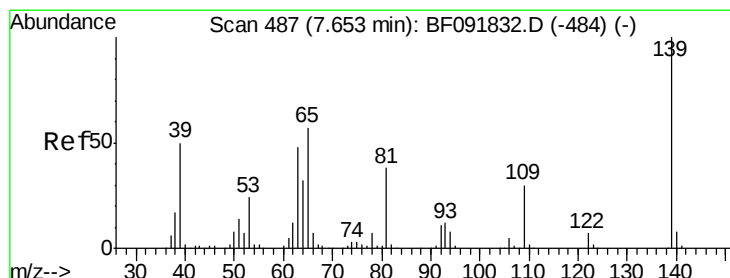
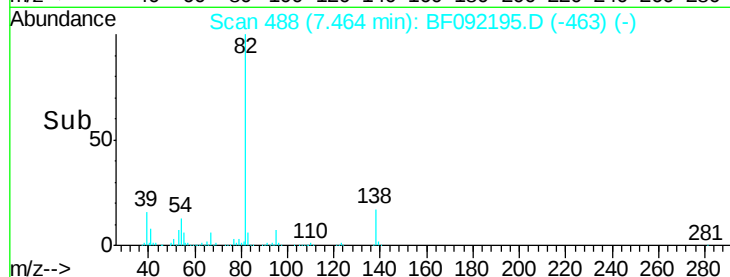
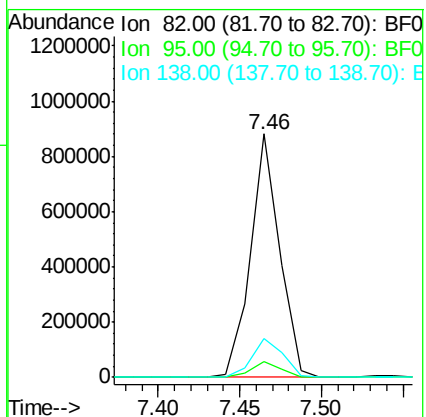
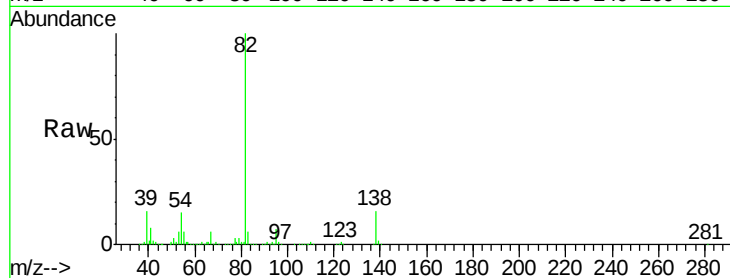
Tgt Ion: 82 Resp: 1089385

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 15.8 14.6 22.0



#26

2-Nitrophenol

Concen: 45.82 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

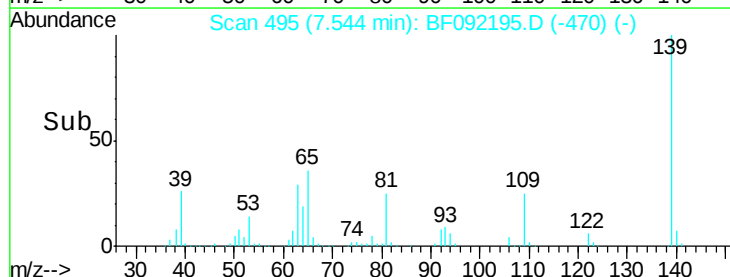
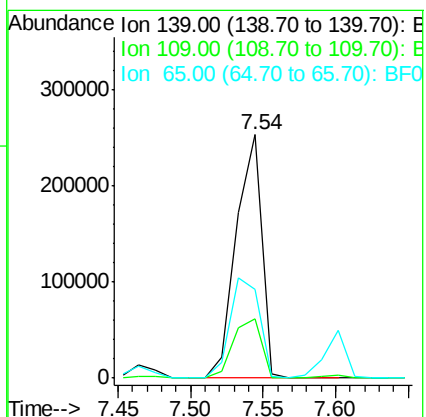
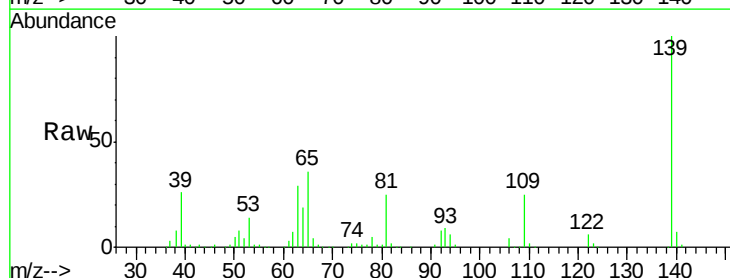
Tgt Ion: 139 Resp: 310112

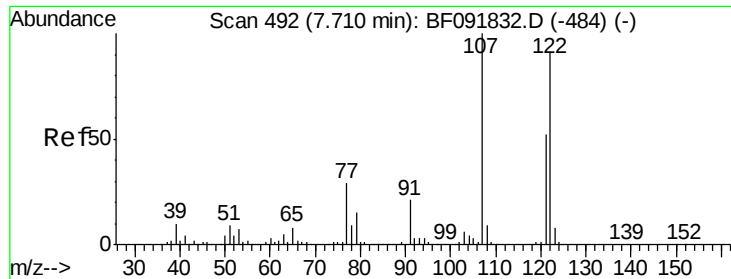
Ion Ratio Lower Upper

139 100

109 24.6 23.3 34.9

65 36.3 42.7 64.1#

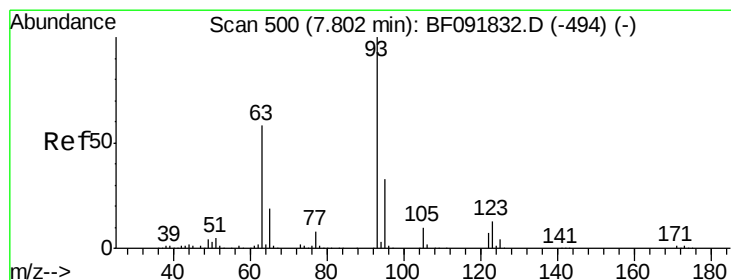
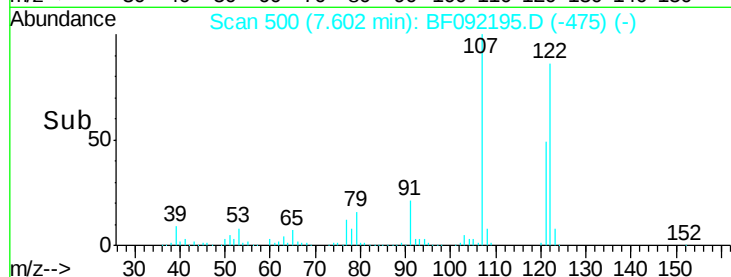
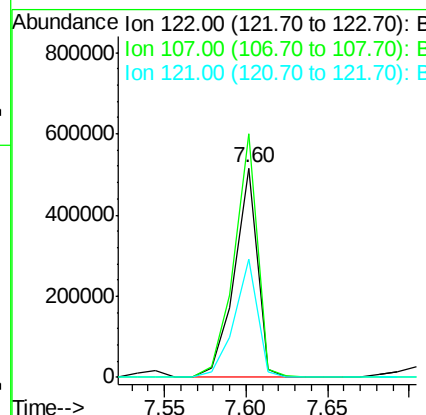
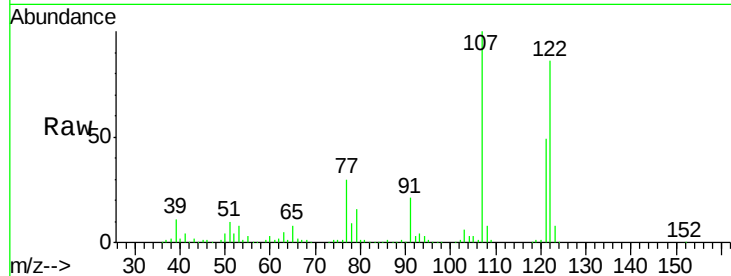




#27
2,4-Dimethylphenol
Concen: 44.83 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

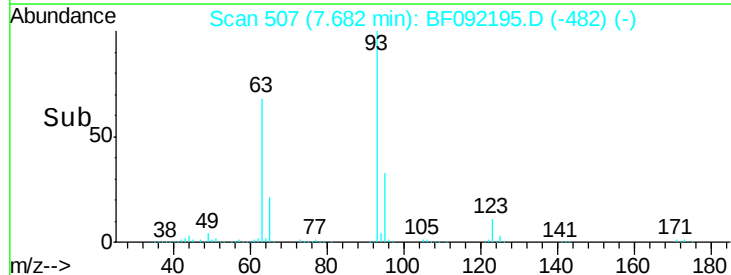
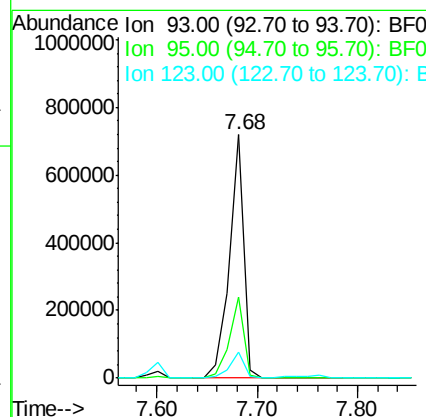
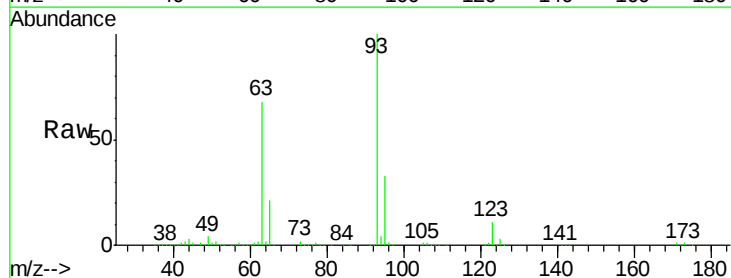
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

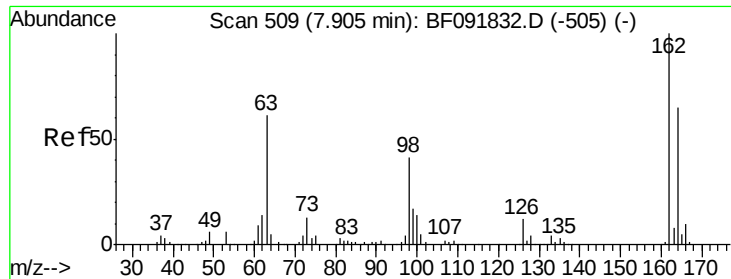
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.3	94.1	141.1
121	56.6	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.33 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	10.5	8.6	13.0

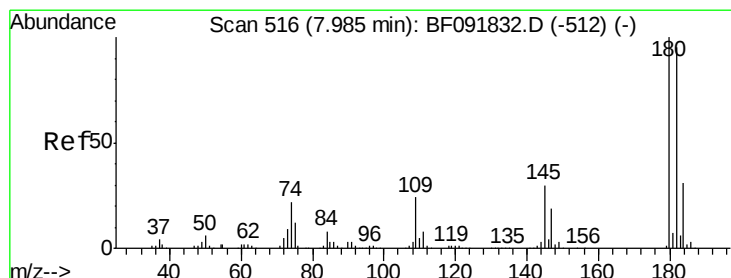
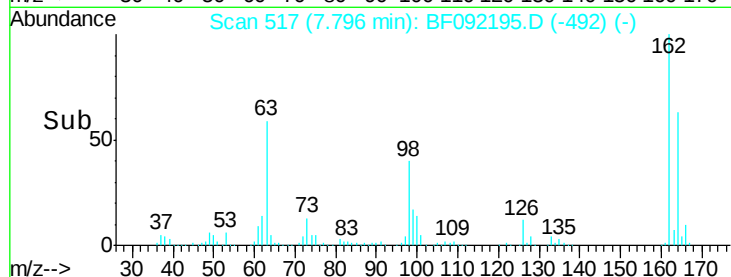
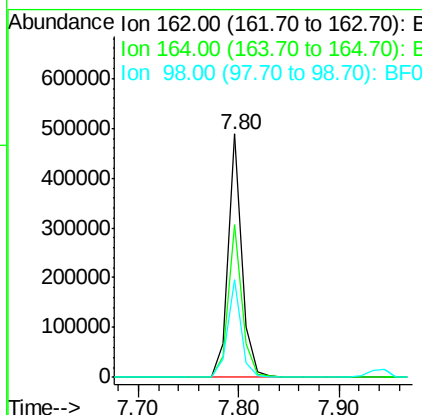
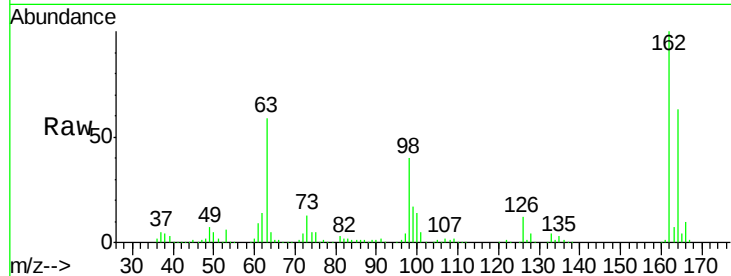




#29
2,4-Dichlorophenol
Concen: 48.82 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

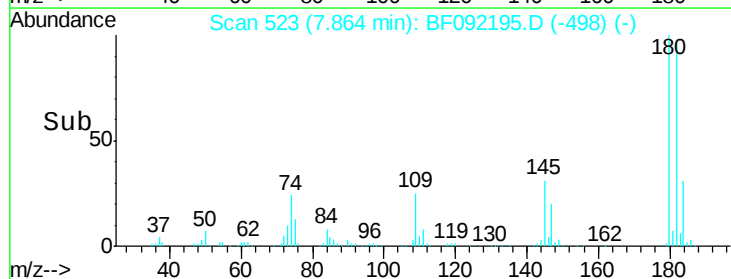
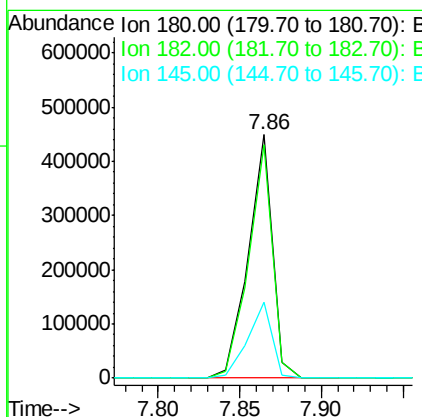
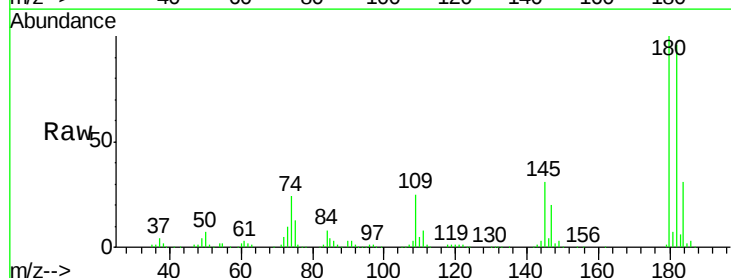
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

Tgt Ion:162 Resp: 464046
Ion Ratio Lower Upper
162 100
164 62.6 46.8 86.8
98 40.0 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 44.17 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:180 Resp: 460098
Ion Ratio Lower Upper
180 100
182 95.9 78.2 117.4
145 31.0 21.6 32.4





#31

Naphthalene

Concen: 48.50 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

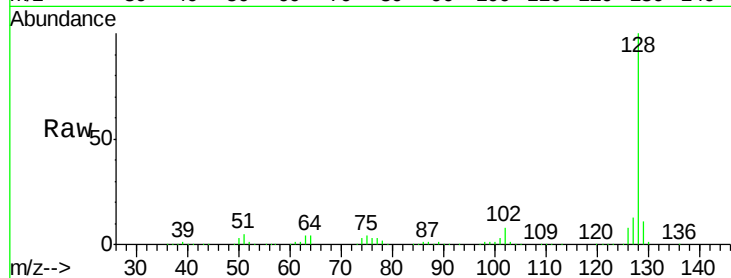
Tgt Ion:128 Resp: 1590444

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

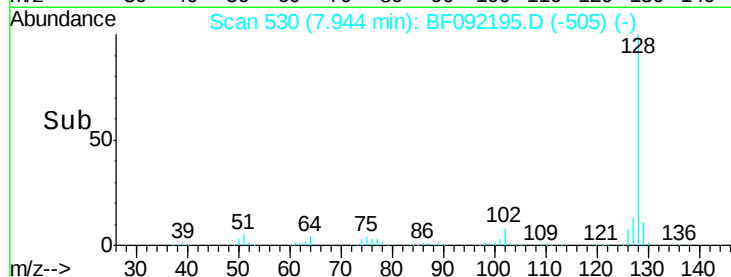
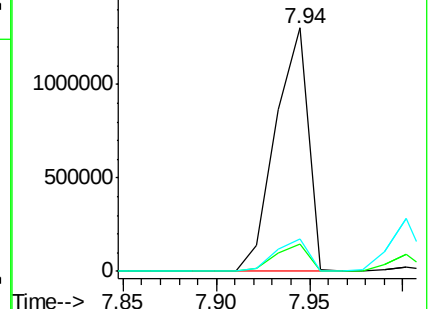
127 13.1 10.8 16.2



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: 27.79 ng

RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

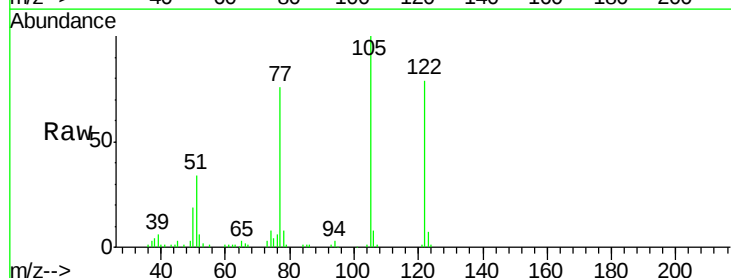
Tgt Ion:122 Resp: 231376

Ion Ratio Lower Upper

122 100

105 126.7 107.2 147.2

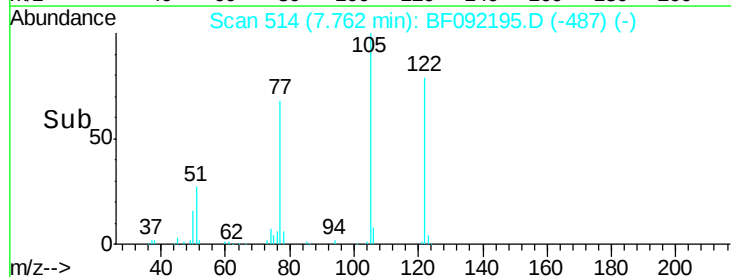
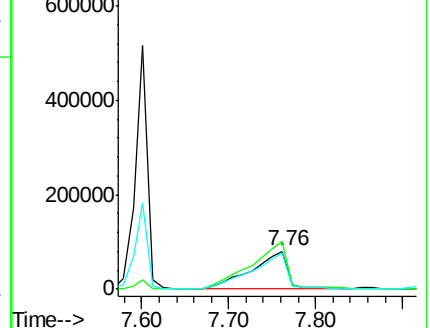
77 95.7 74.5 114.5



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

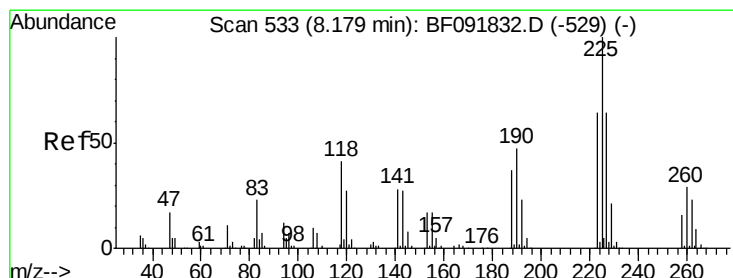
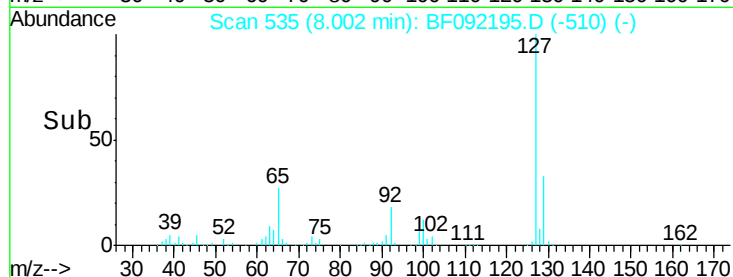
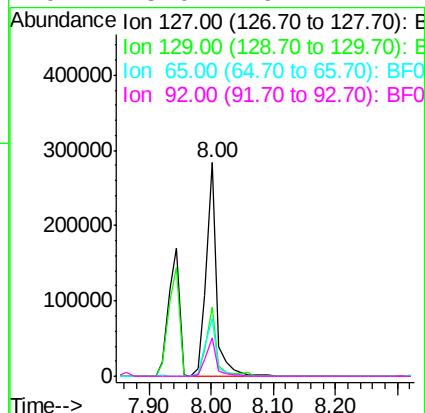
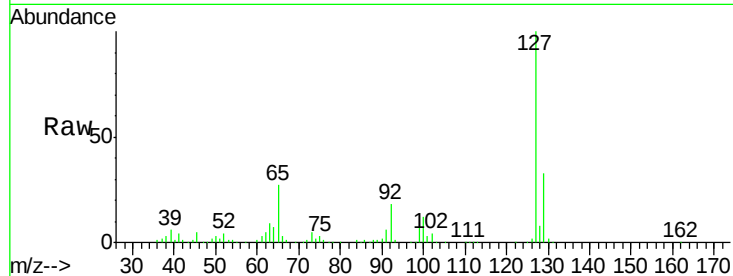




#33
4-Chloroaniline
Concen: 22.35 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

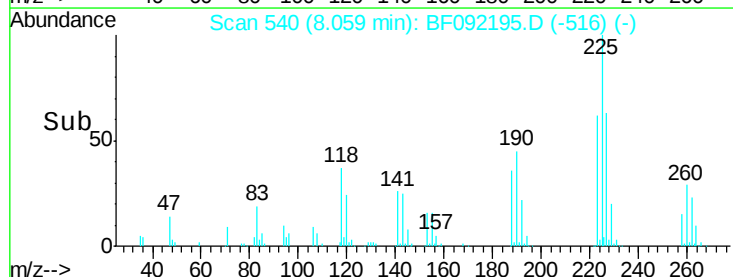
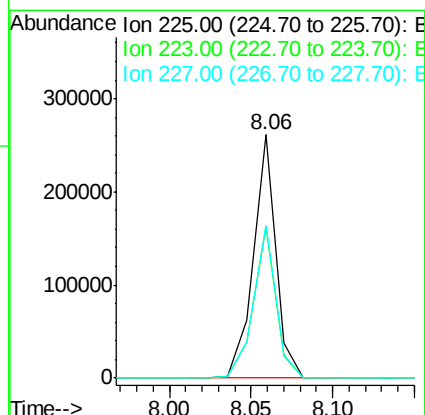
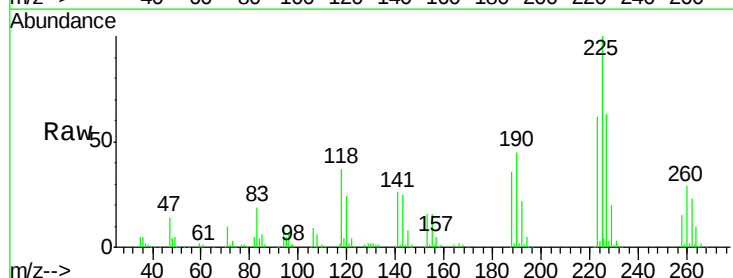
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

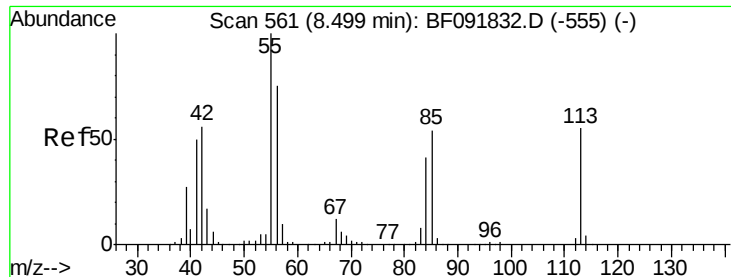
Tgt Ion:	127	Resp:	330471
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	27.1	25.8	38.8
92	18.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.47 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:	225	Resp:	249987
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	62.8	50.6	76.0





#35

Caprolactam

Concen: 31.43 ng

RT: 8.39 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

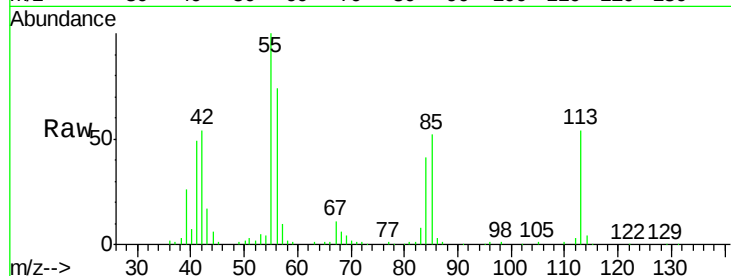
Tgt Ion:113 Resp: 98154

Ion Ratio Lower Upper

113 100

55 185.7 119.2 159.2#

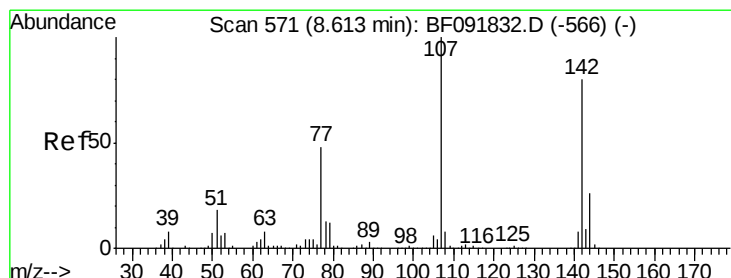
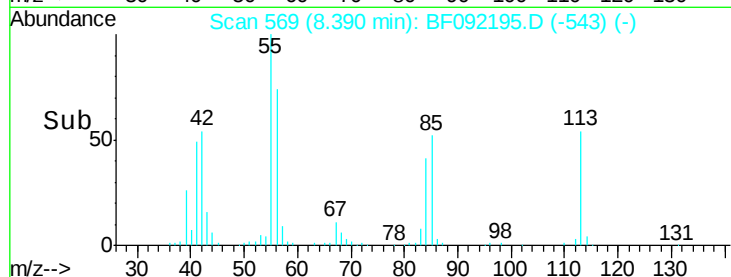
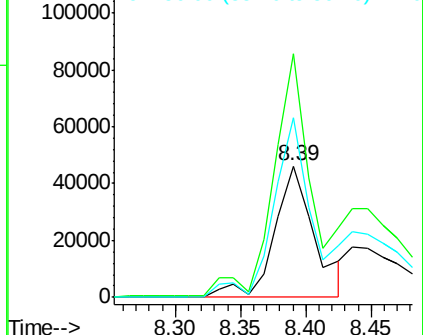
56 137.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.92 ng

RT: 8.52 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

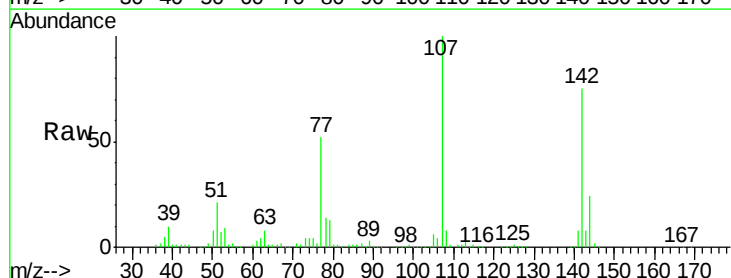
Tgt Ion:107 Resp: 524131

Ion Ratio Lower Upper

107 100

144 23.6 19.3 28.9

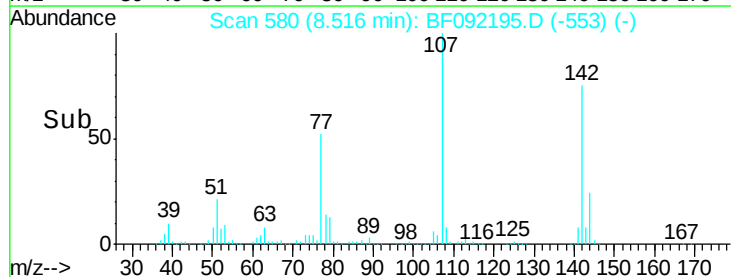
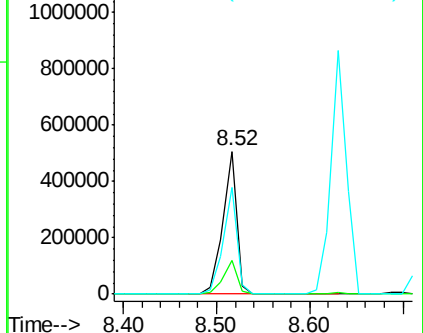
142 74.6 59.0 88.6

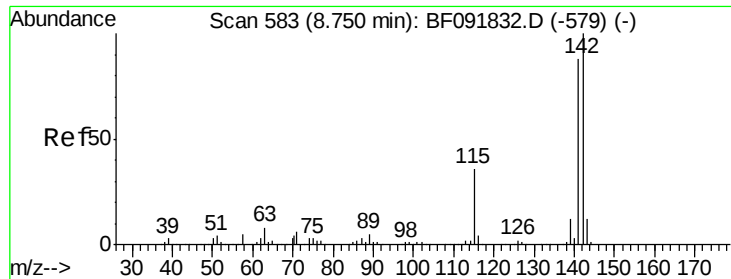


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

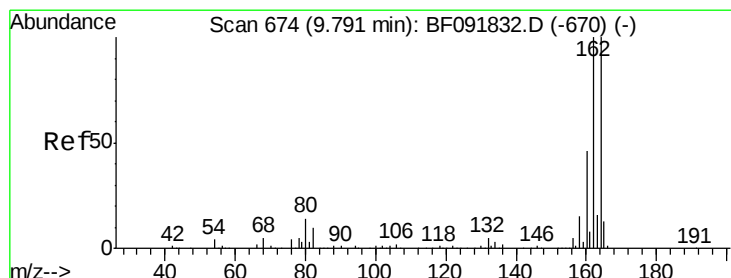
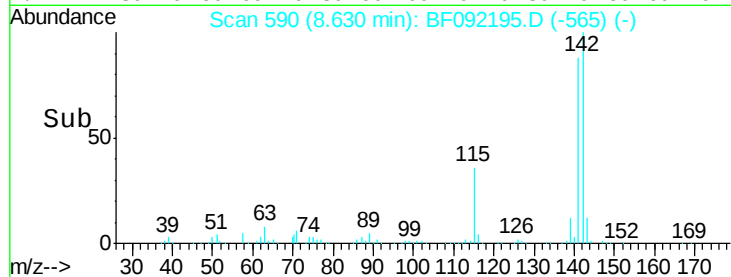
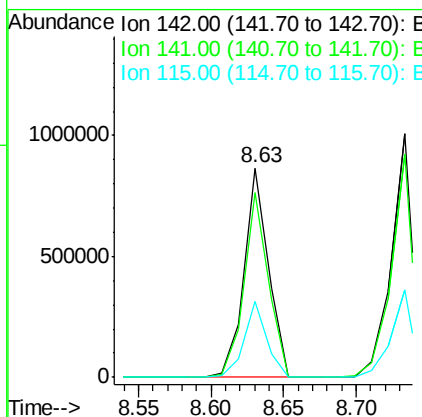
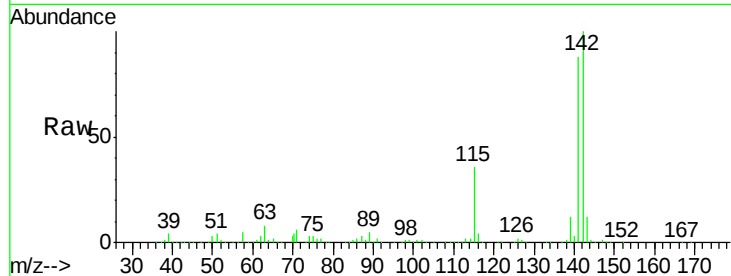




#37
2-Methylnaphthalene
Concen: 55.25 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

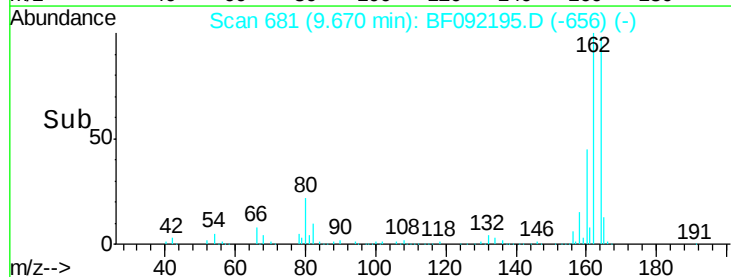
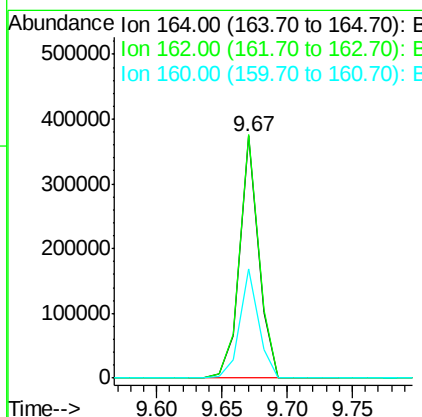
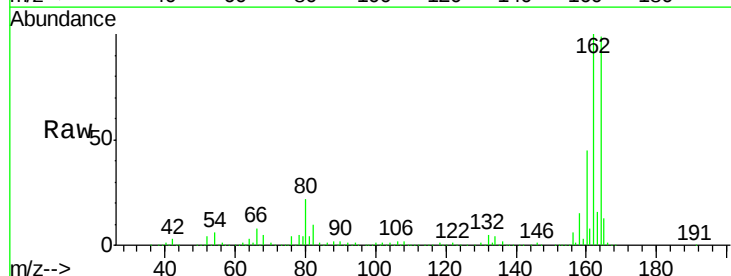
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

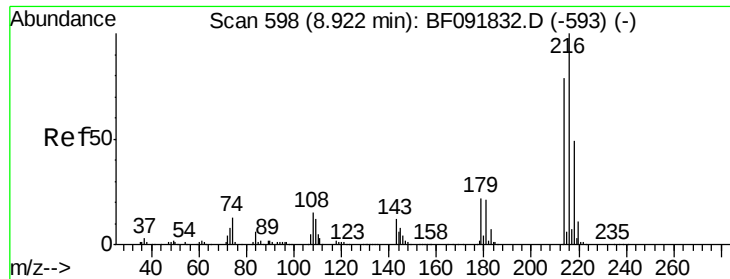
Tgt Ion:142 Resp: 1008141
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 36.0 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:164 Resp: 377514
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 45.0 36.9 55.3

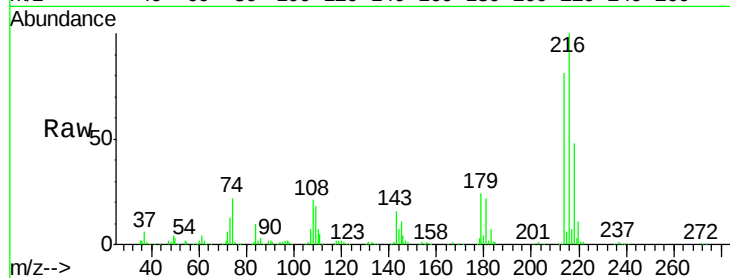




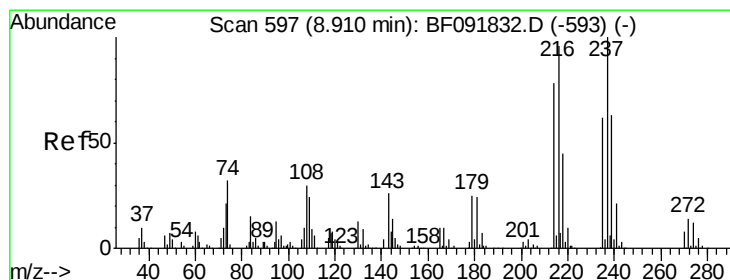
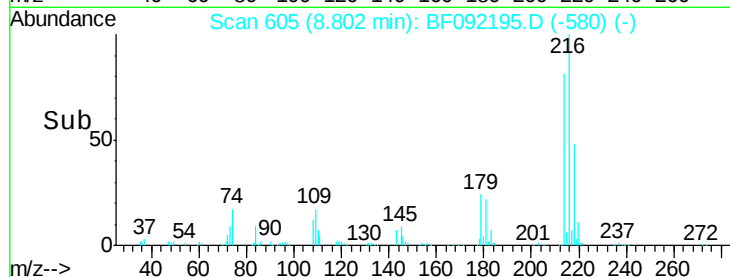
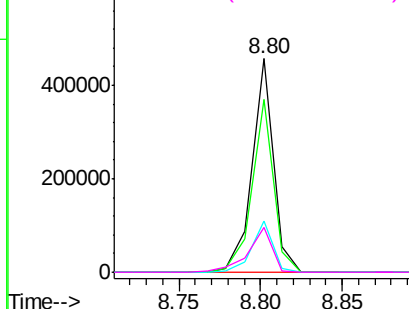
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.84 ng
 RT: 8.80 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion:	216	Resp:	418171
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.4	95.0
179	23.5	17.4	26.2
108	22.9	15.6	23.4

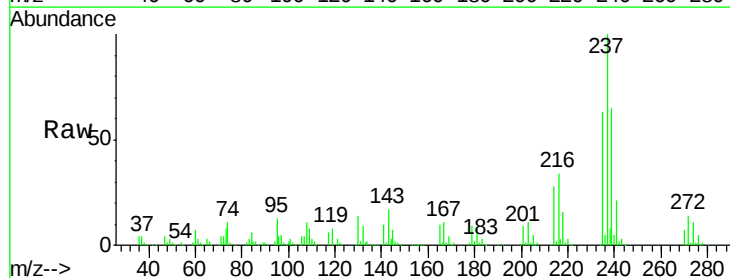


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

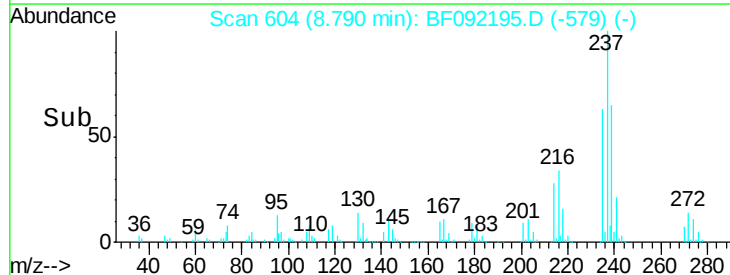
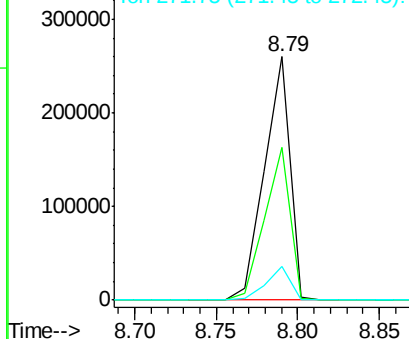


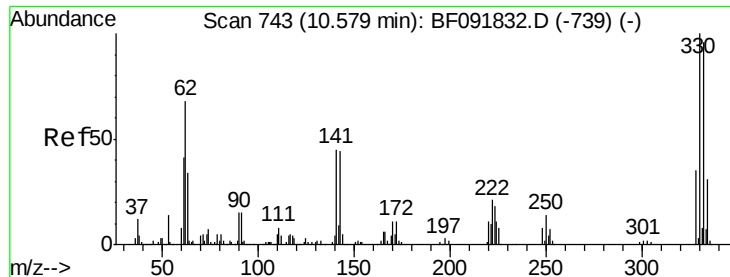
#40
 Hexachlorocyclopentadiene
 Concen: 67.33 ng
 RT: 8.79 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion:	237	Resp:	283176
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	13.9	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

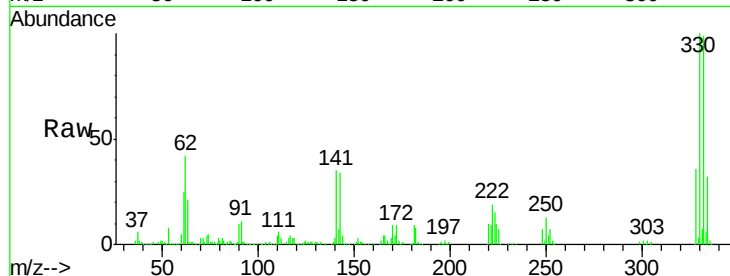




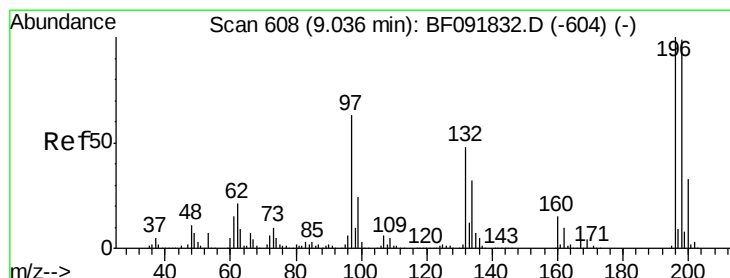
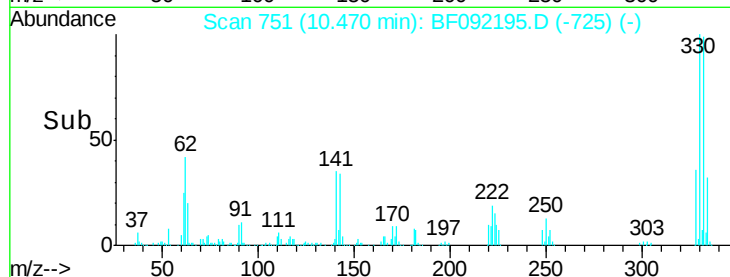
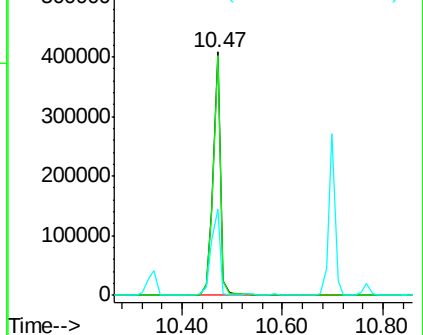
#41
 2,4,6-Tribromophenol
 Concen: 135.37 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion:330 Resp: 422935
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 42.0 34.1 51.1

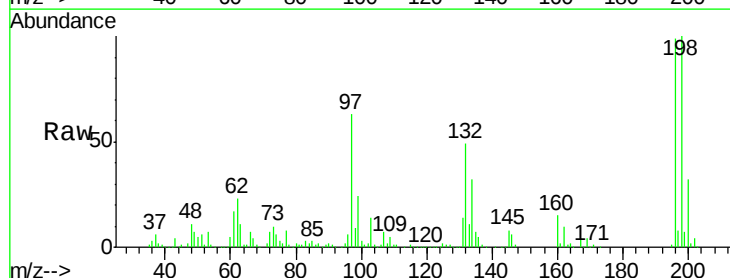


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

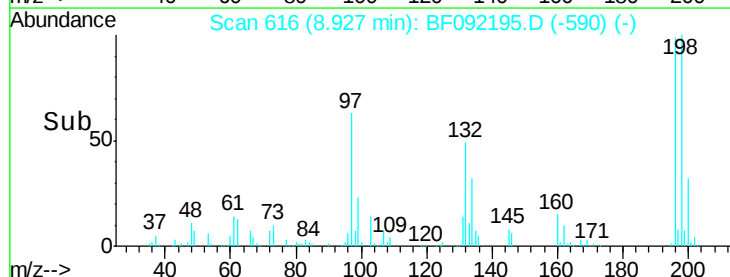
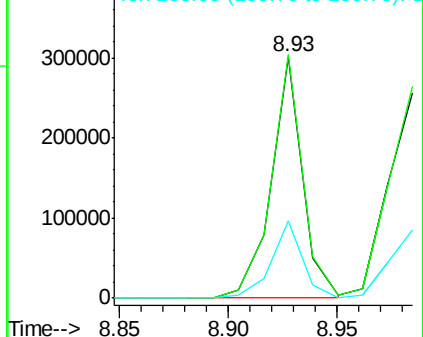


#42
 2,4,6-Trichlorophenol
 Concen: 45.75 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion:196 Resp: 305185
 Ion Ratio Lower Upper
 196 100
 198 100.9 82.1 123.1
 200 32.1 27.0 40.4



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

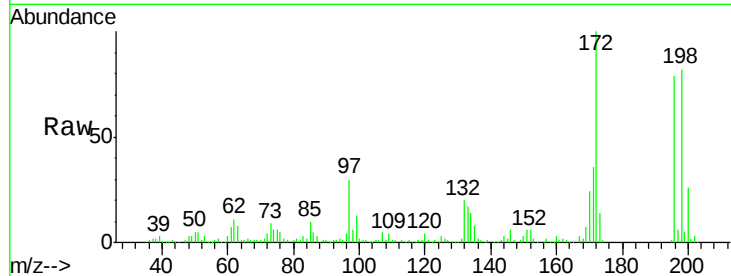




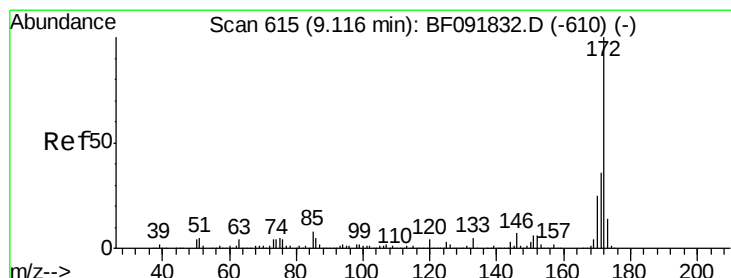
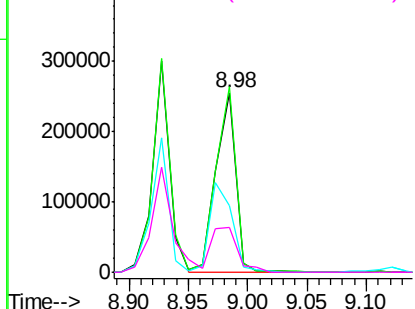
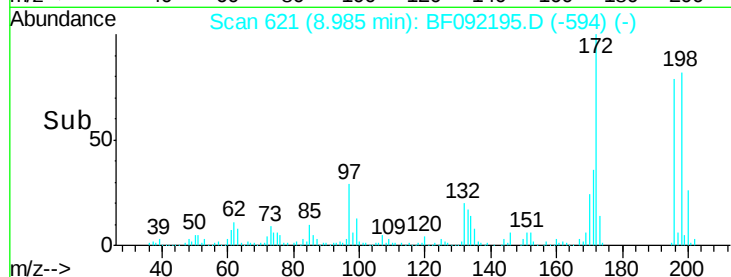
#43
 2,4,5-Trichlorophenol
 Concen: 42.81 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.2	79.4	119.2
97	37.2	51.5	77.3#
132	24.7	27.4	41.2#

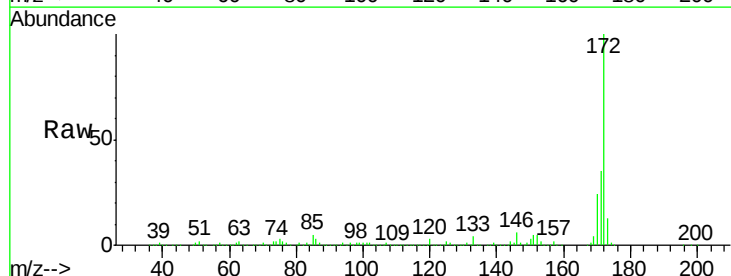


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

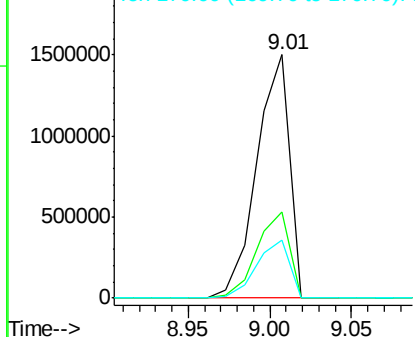
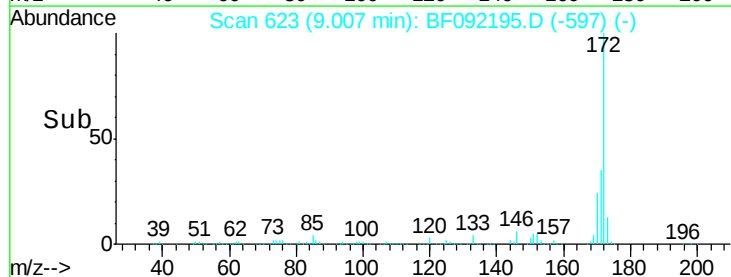


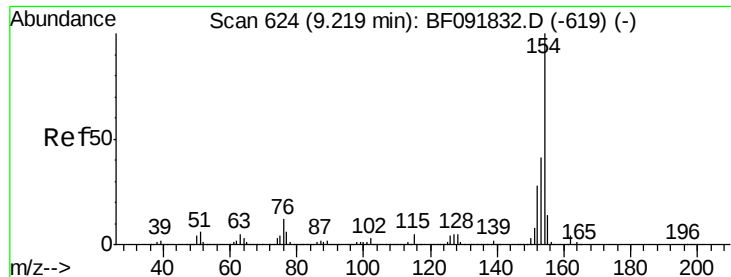
#44
 2-Fluorobiphenyl
 Concen: 117.84 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.1	20.2	30.4



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

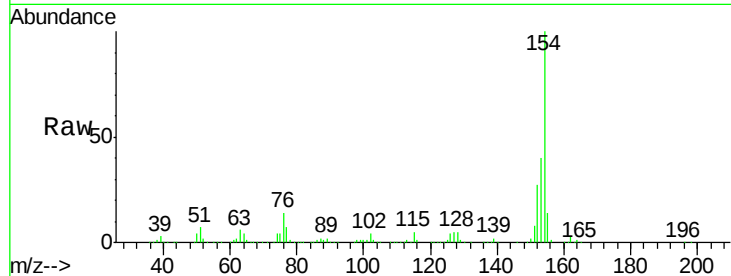




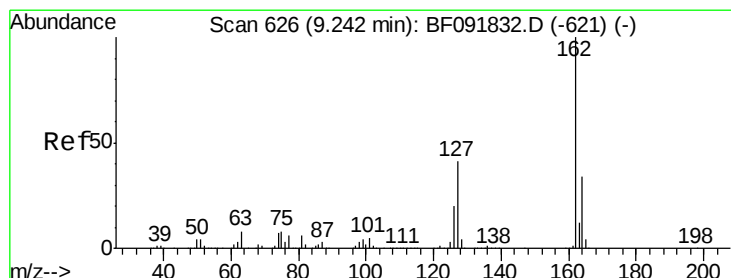
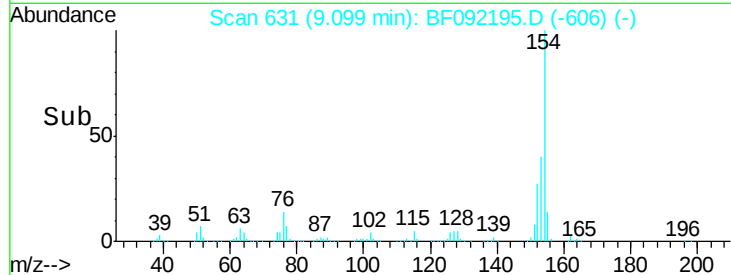
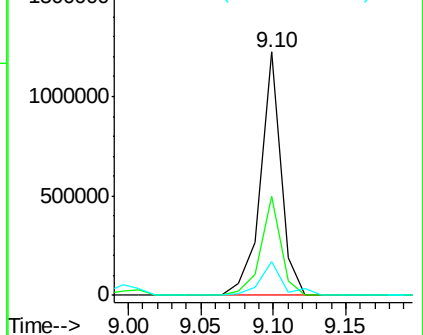
#45
 1,1'-Biphenyl
 Concen: 46.05 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion:154 Resp: 1190416
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 13.8 0.0 30.5

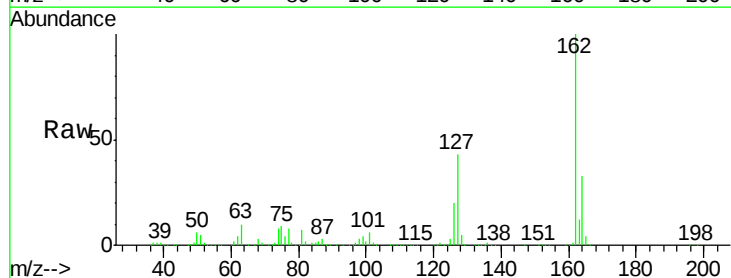


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

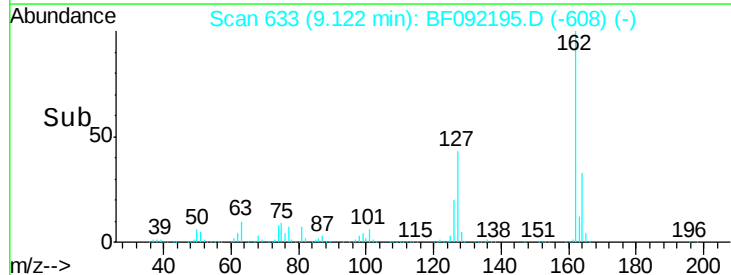
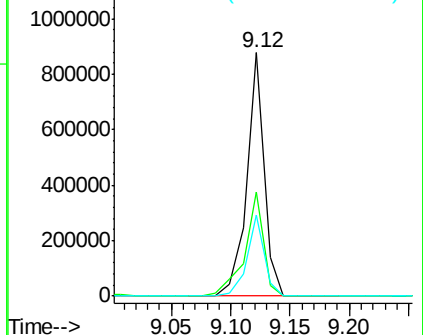


#46
 2-Chloronaphthalene
 Concen: 43.94 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion:162 Resp: 899370
 Ion Ratio Lower Upper
 162 100
 127 42.9 30.7 46.1
 164 33.3 27.6 41.4



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

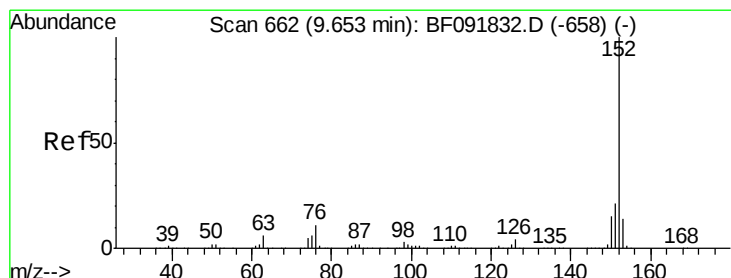
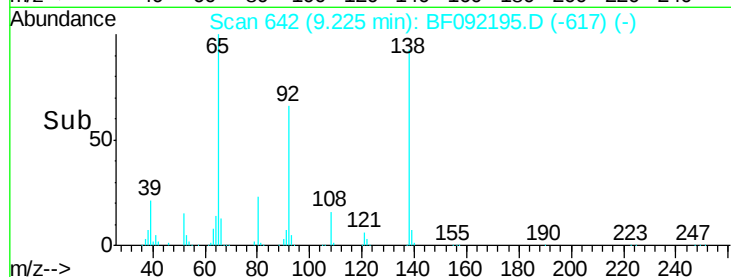
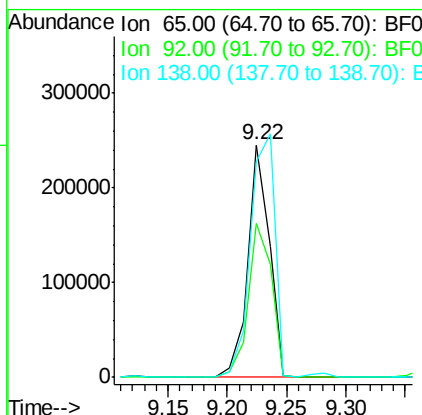
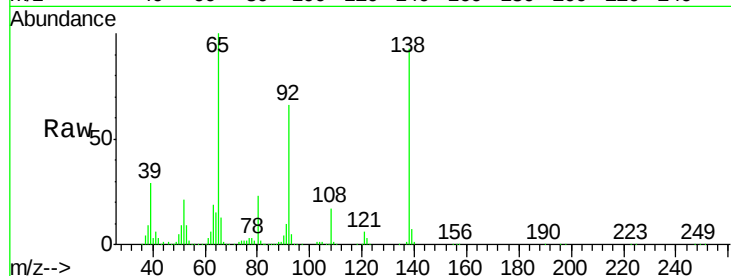




#47
2-Nitroaniline
Concen: 42.91 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

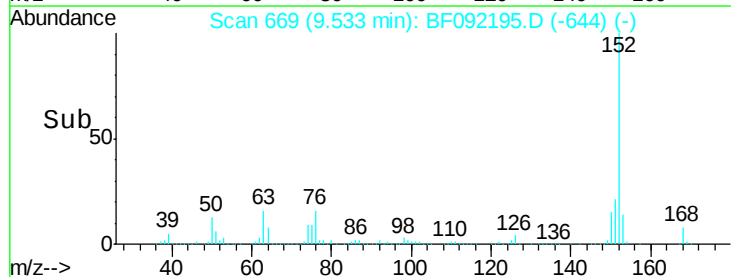
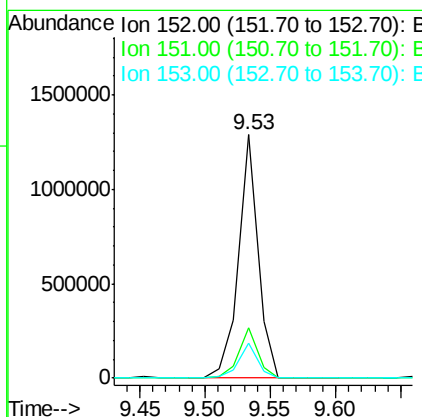
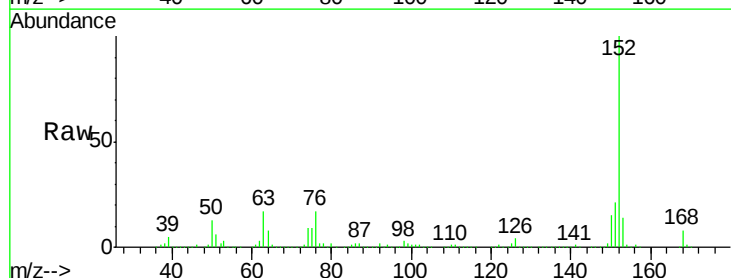
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

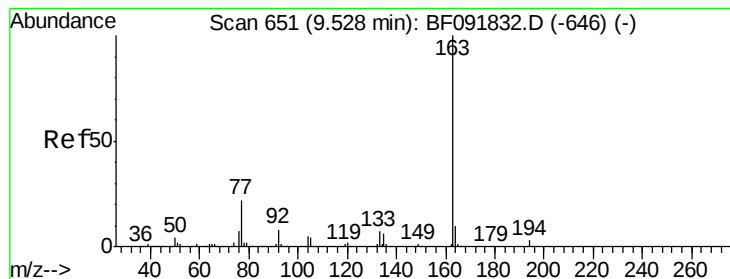
Tgt Ion: 65 Resp: 312756
Ion Ratio Lower Upper
65 100
92 66.3 53.9 80.9
138 92.6 76.8 115.2



#48
Acenaphthylene
Concen: 42.54 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 152 Resp: 1339260
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.5 11.4 17.2





#49

Dimethylphthalate

Concen: 56.64 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

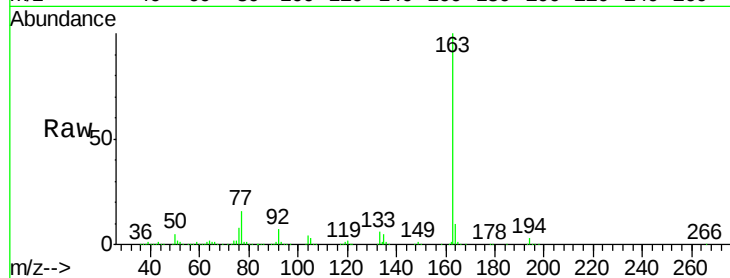
Tgt Ion:163 Resp: 1367614

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

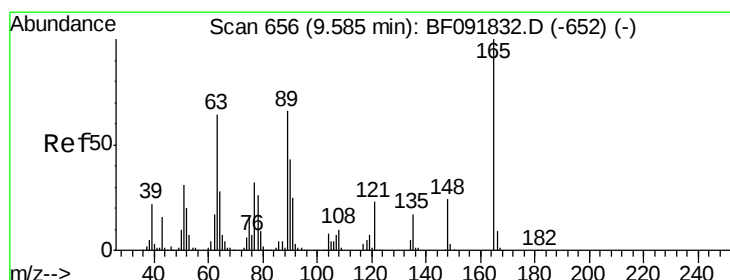
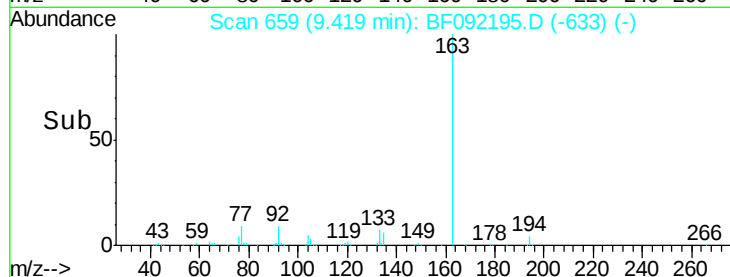
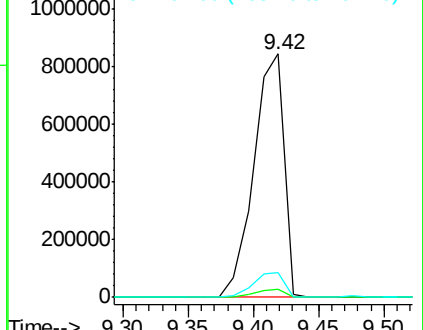
164 9.9 8.0 12.0



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: 47.07 ng

RT: 9.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

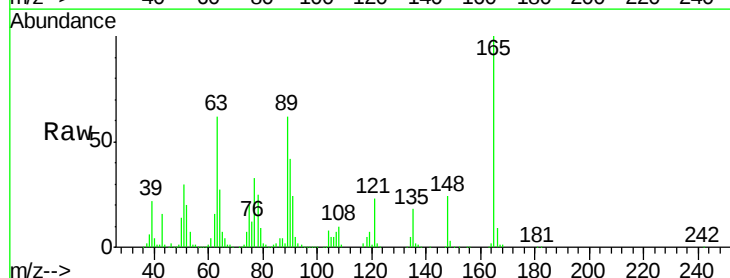
Tgt Ion:165 Resp: 248779

Ion Ratio Lower Upper

165 100

63 61.8 36.2 54.4#

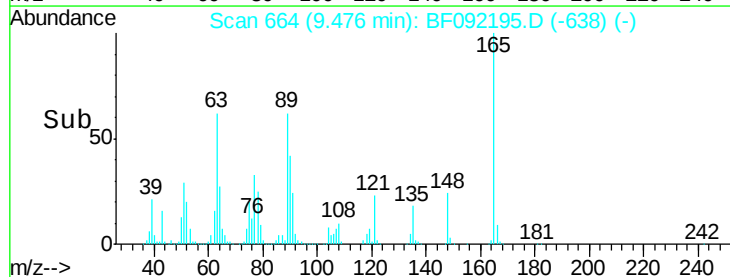
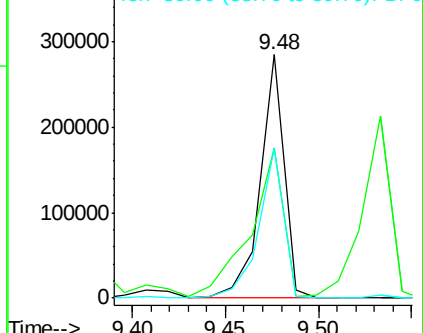
89 61.6 40.2 60.4#

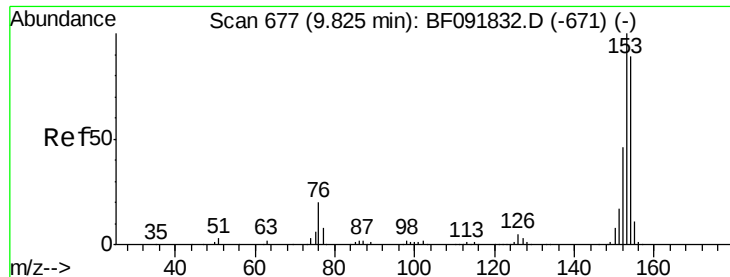


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.26 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

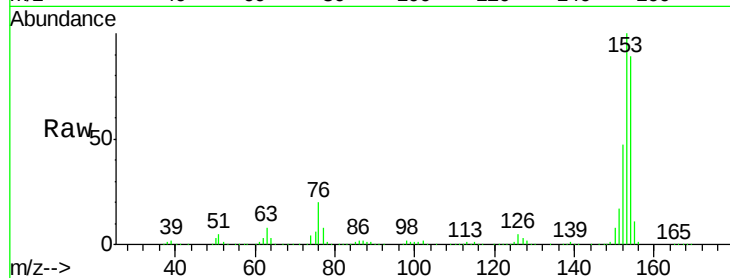
Tgt Ion:154 Resp: 966092

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

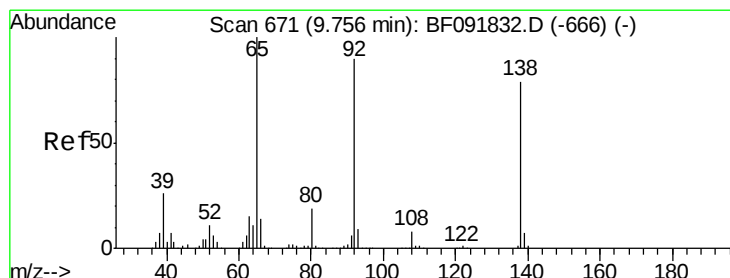
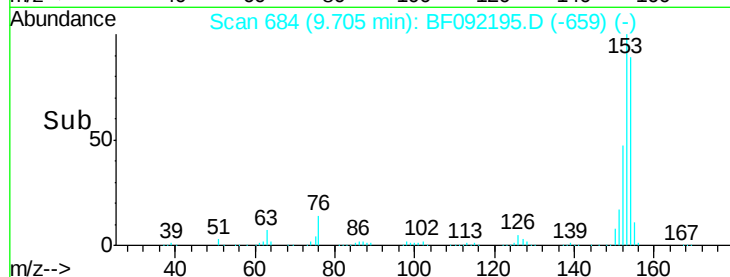
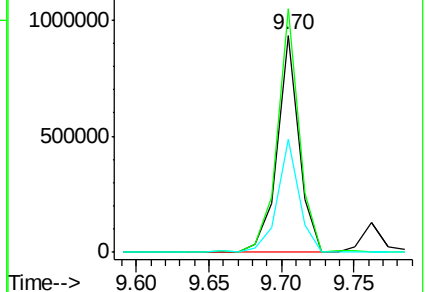
152 52.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.51 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

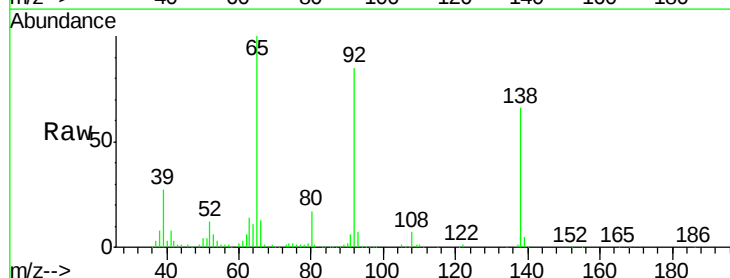
Tgt Ion:138 Resp: 192977

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

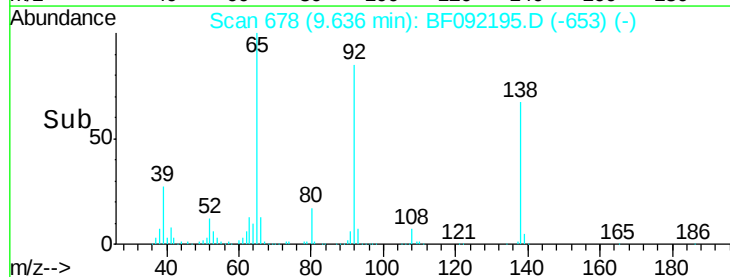
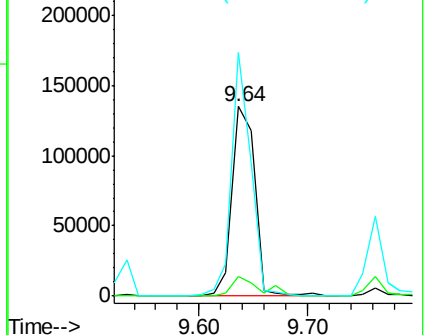
92 128.6 97.8 146.8

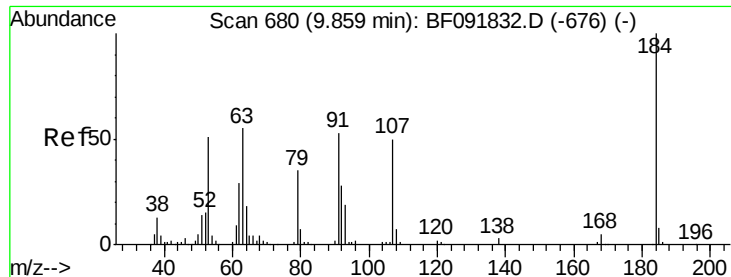


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

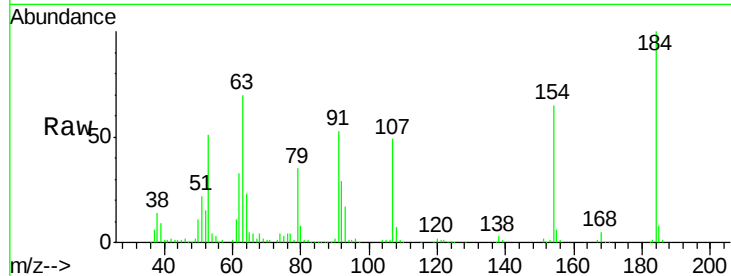




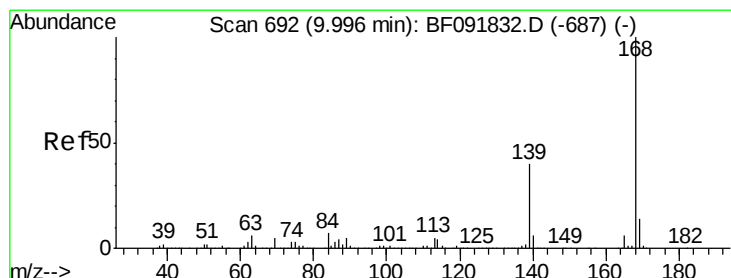
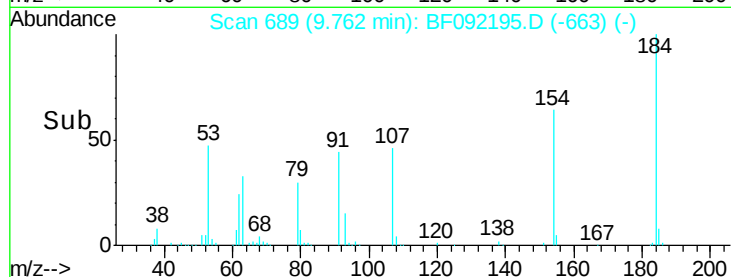
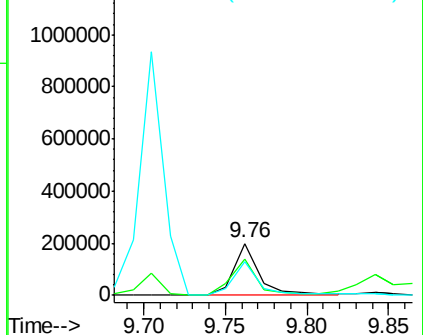
#53
 2,4-Dinitrophenol
 Concen: 73.67 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion:184 Resp: 216621
 Ion Ratio Lower Upper
 184 100
 63 69.9 28.4 42.6#
 154 64.8 44.3 66.5

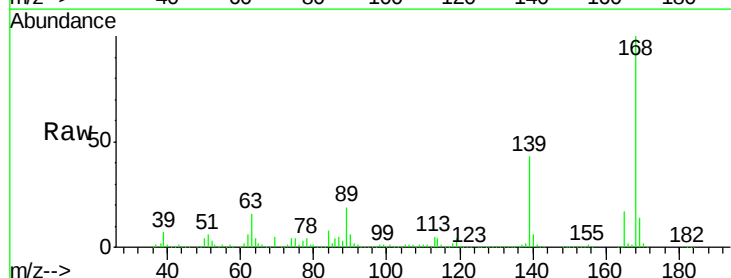


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

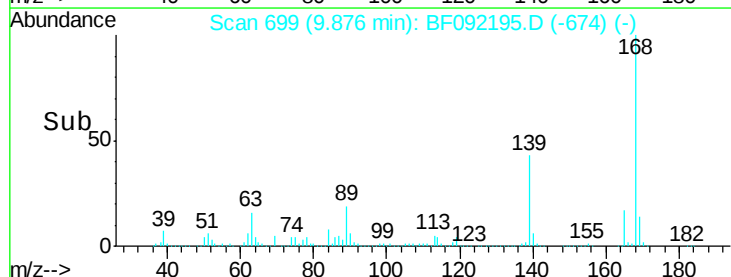
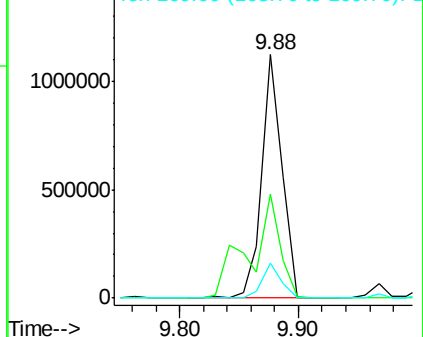


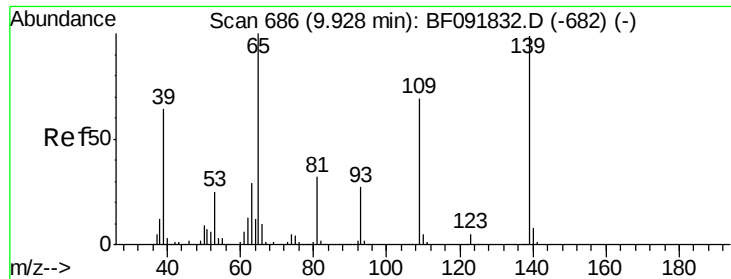
#54
 Dibenzofuran
 Concen: 46.48 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion:168 Resp: 1339653
 Ion Ratio Lower Upper
 168 100
 139 43.0 32.6 49.0
 169 14.4 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: 196.71 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.05 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

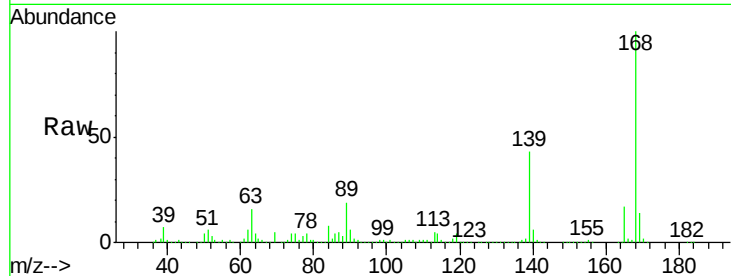
Tgt Ion:139 Resp: 873509

Ion Ratio Lower Upper

139 100

109 2.2 52.2 92.2#

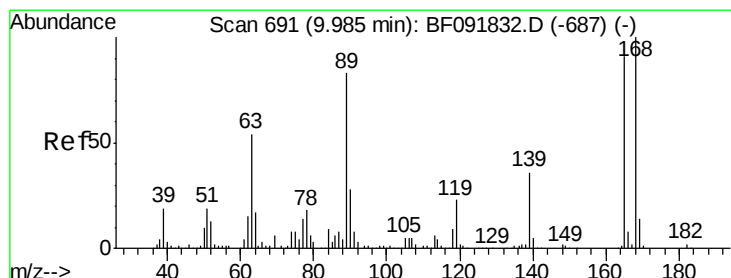
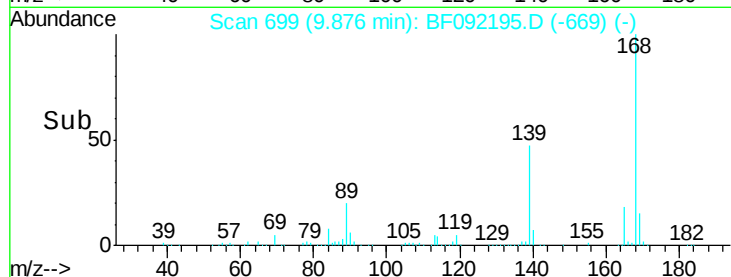
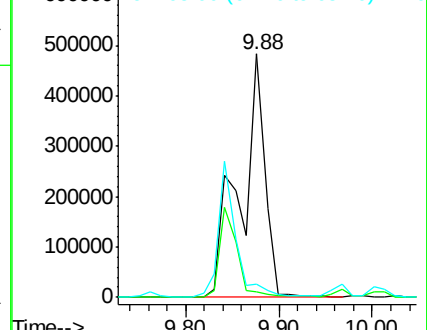
65 5.5 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.76 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Tgt Ion:165 Resp: 336672

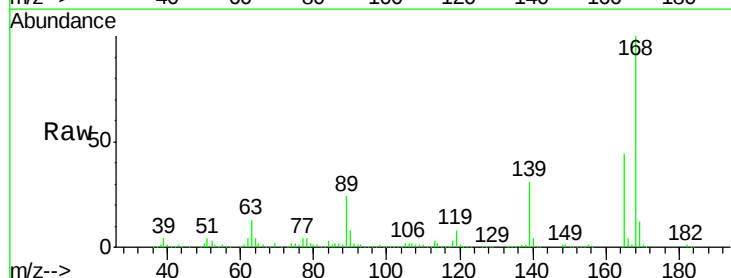
Ion Ratio Lower Upper

165 100

63 28.9 40.2 60.4#

89 53.8 62.5 93.7#

182 2.3 1.8 2.8

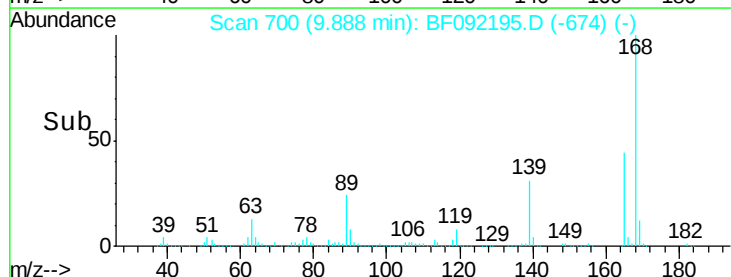
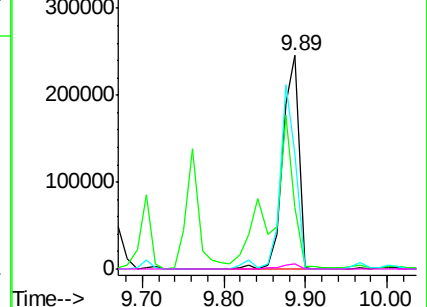


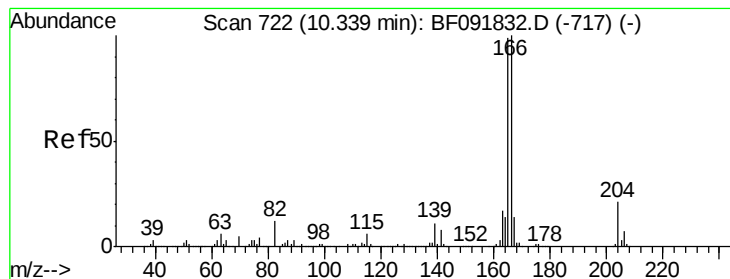
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.19 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

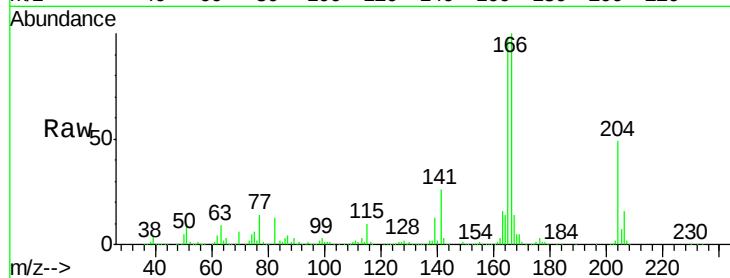
Tgt Ion:166 Resp: 1094488

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

167 14.0 10.8 16.2

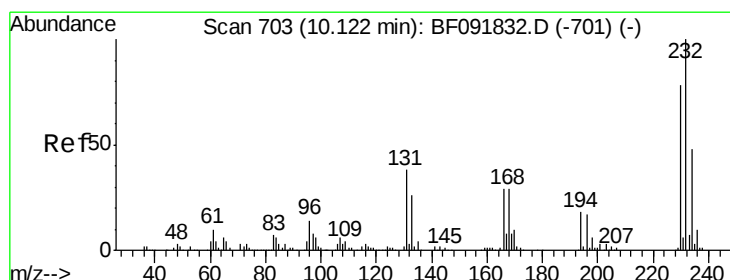
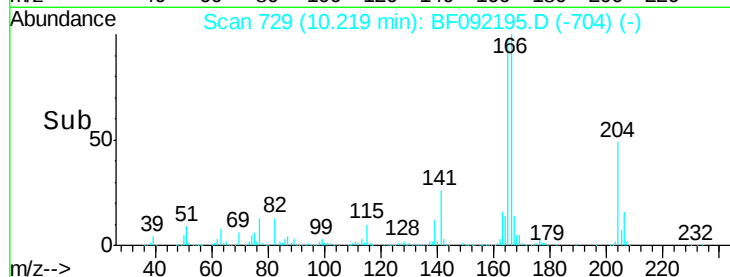
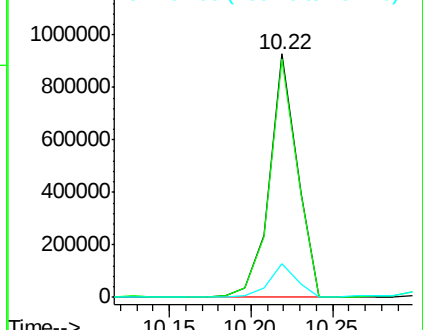


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.36 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Tgt Ion:232 Resp: 267984

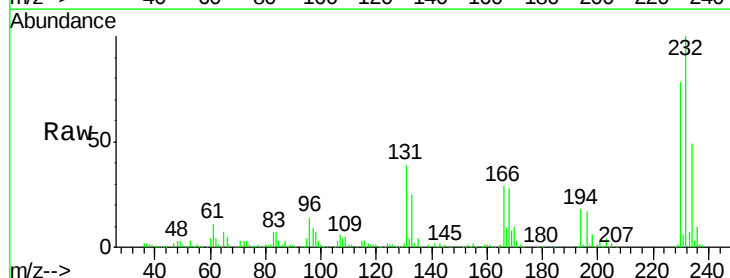
Ion Ratio Lower Upper

232 100

131 46.7 40.1 60.1

130 2.3 1.8 2.8

166 30.3 26.6 39.8



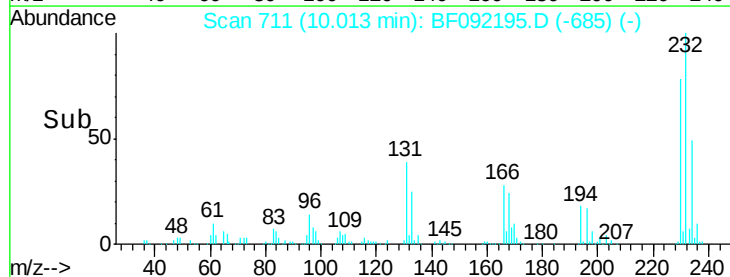
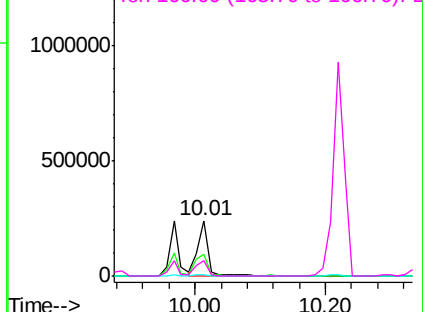
Abundance

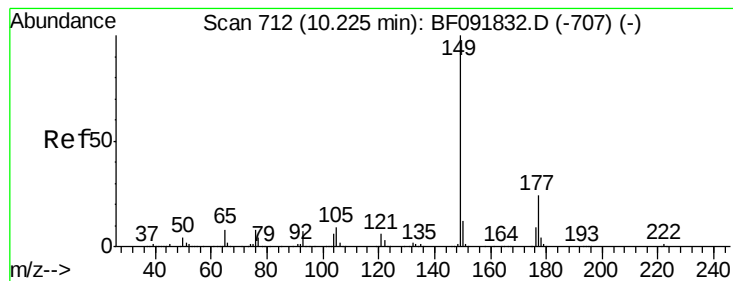
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.13 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

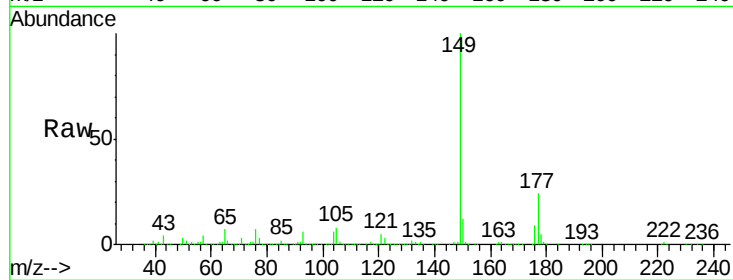
Tgt Ion:149 Resp: 1175580

Ion Ratio Lower Upper

149 100

177 24.3 16.6 25.0

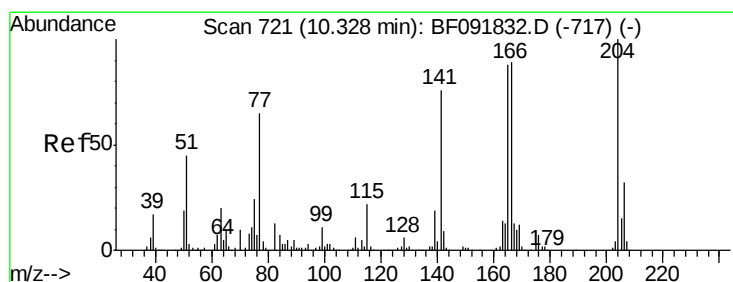
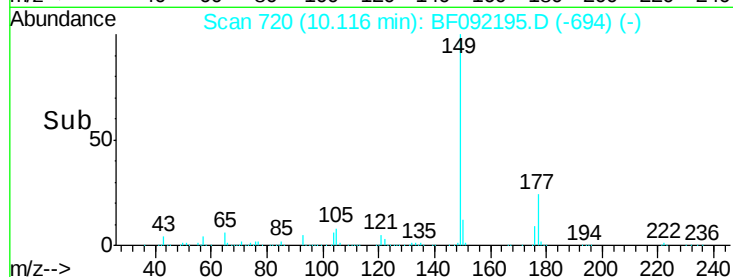
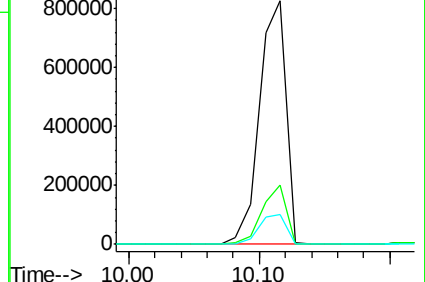
150 12.4 10.4 15.6



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: 51.20 ng

RT: 10.22 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

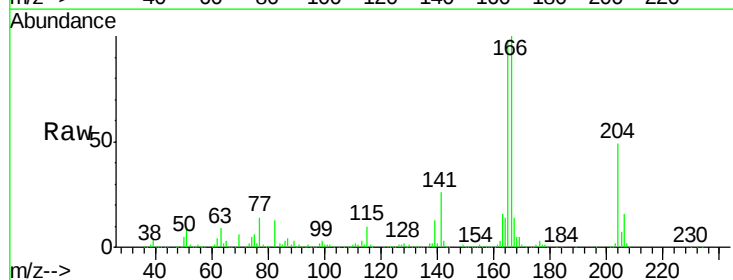
Tgt Ion:204 Resp: 470134

Ion Ratio Lower Upper

204 100

206 32.1 25.8 38.6

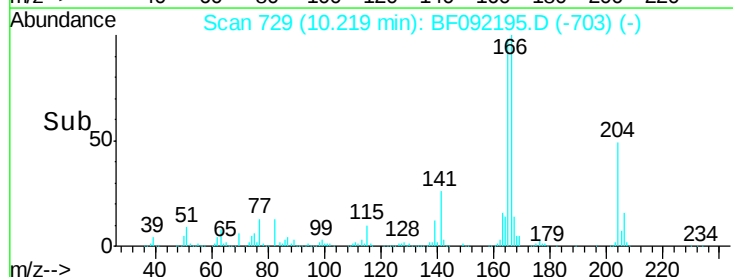
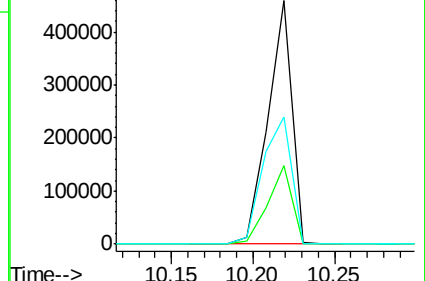
141 52.4 59.4 89.0#

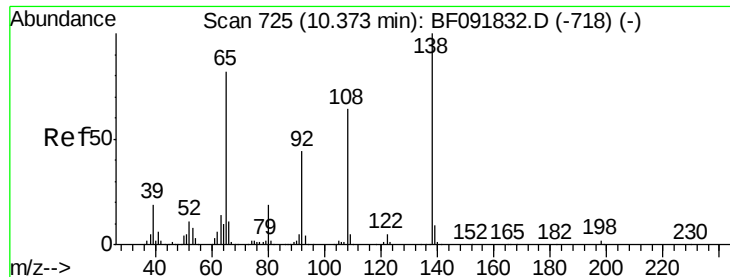


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

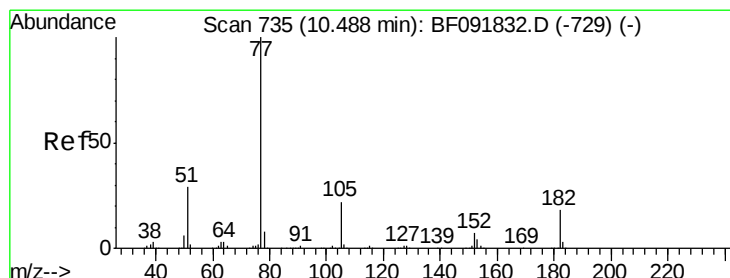
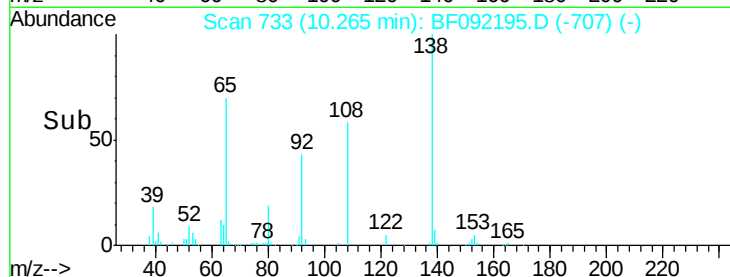
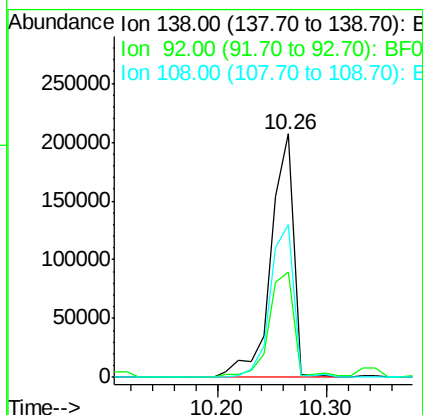
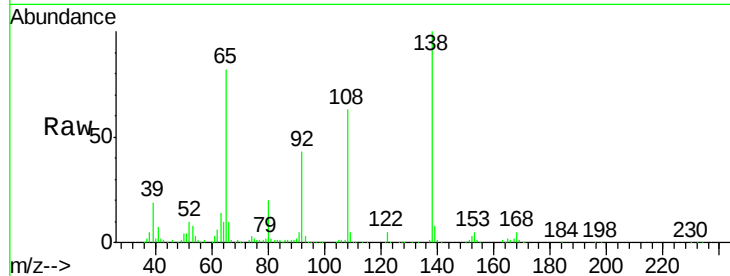




#61
4-Nitroaniline
Concen: 43.91 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

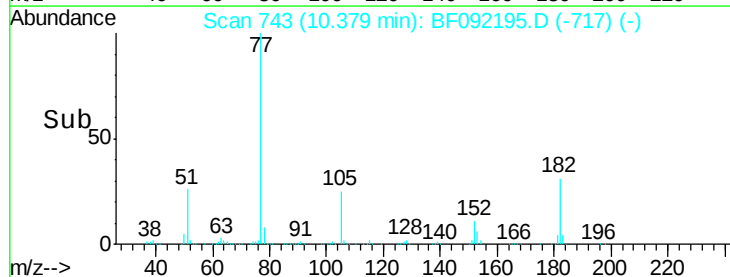
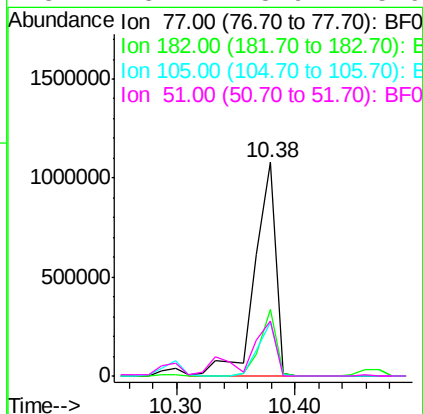
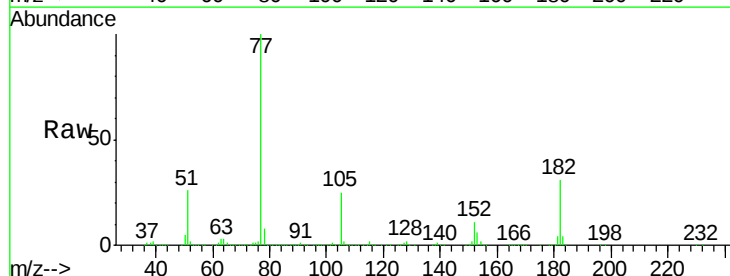
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

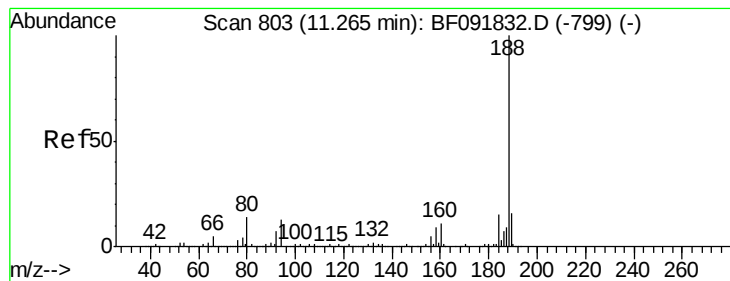
Tgt Ion:138 Resp: 297602
Ion Ratio Lower Upper
138 100
92 43.5 31.7 71.7
108 62.9 52.6 92.6



#62
Azobenzene
Concen: 51.20 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion: 77 Resp: 1321929
Ion Ratio Lower Upper
77 100
182 31.1 0.0 39.3
105 25.2 2.3 42.3
51 25.7 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

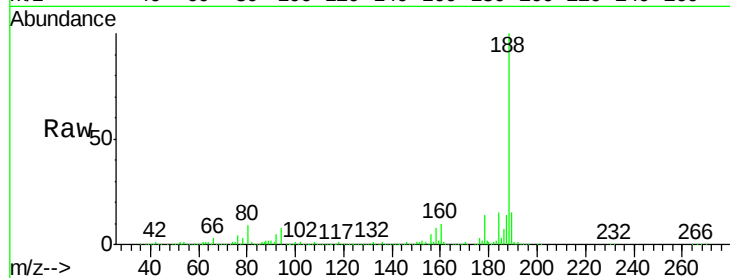
Tgt Ion:188 Resp: 605916

Ion Ratio Lower Upper

188 100

94 8.2 10.0 15.0#

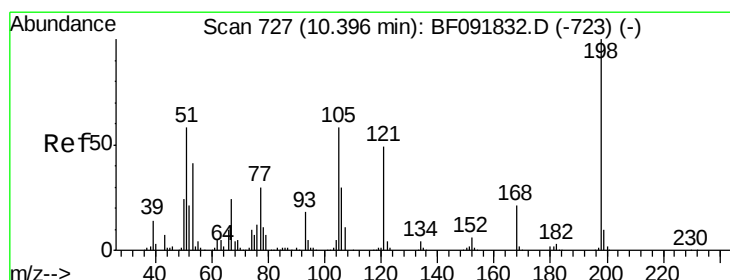
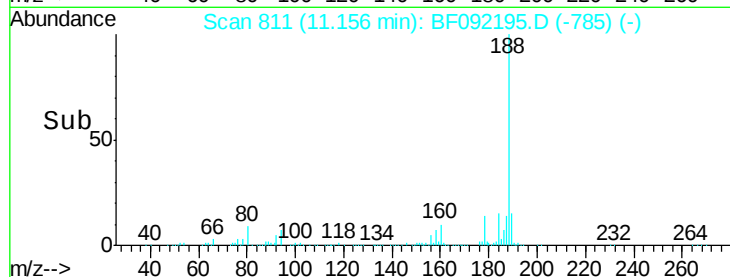
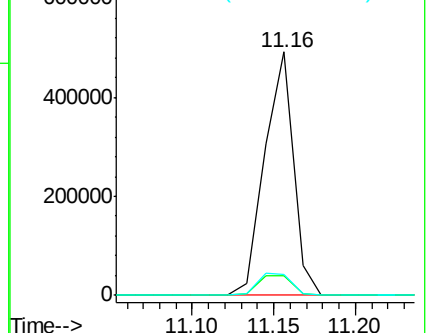
80 8.7 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.48 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

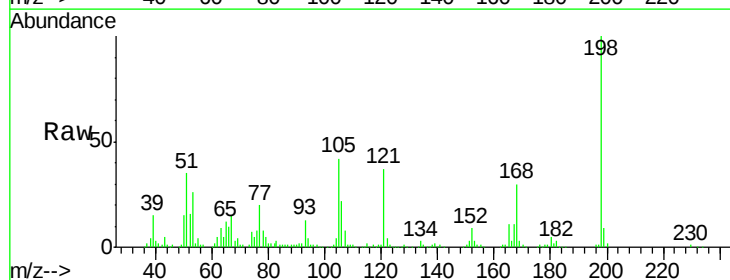
Tgt Ion:198 Resp: 184972

Ion Ratio Lower Upper

198 100

51 35.2 6.7 46.7

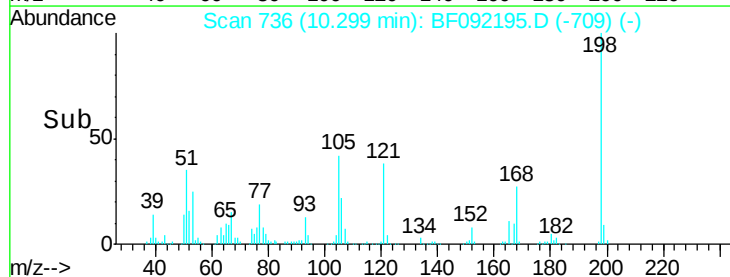
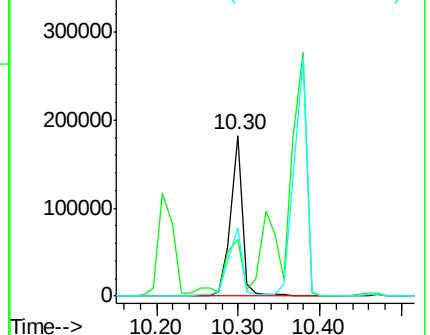
105 42.2 16.6 56.6

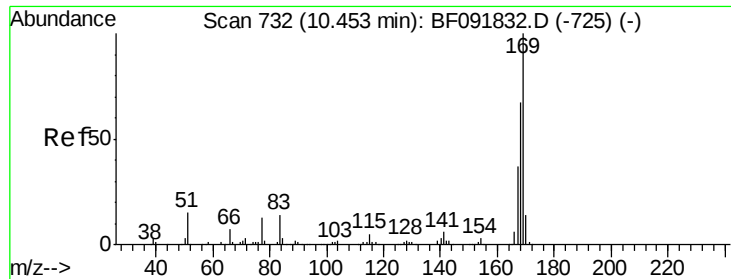


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.83 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

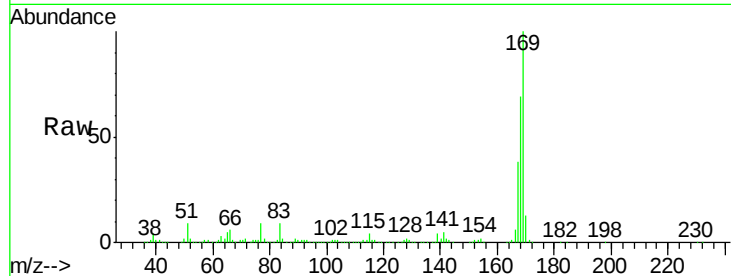
Tgt Ion:169 Resp: 985770

Ion Ratio Lower Upper

169 100

168 69.1 54.2 81.2

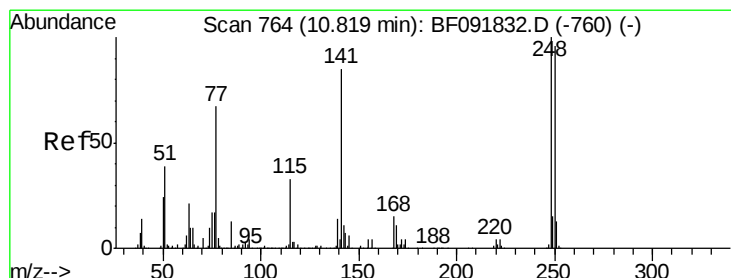
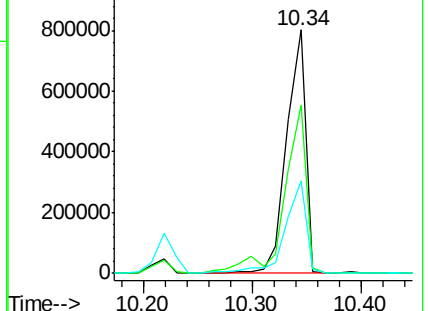
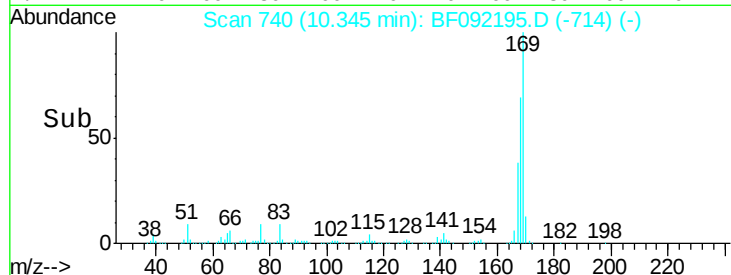
167 38.1 30.2 45.4



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: 44.60 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

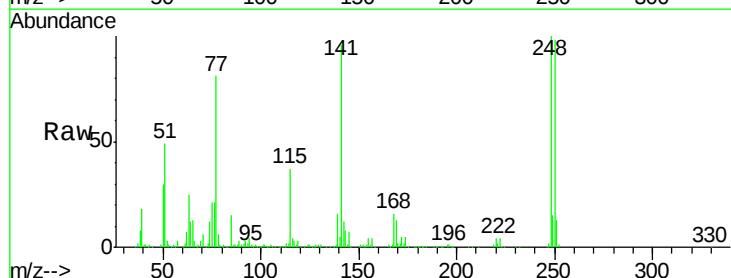
Tgt Ion:248 Resp: 281083

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

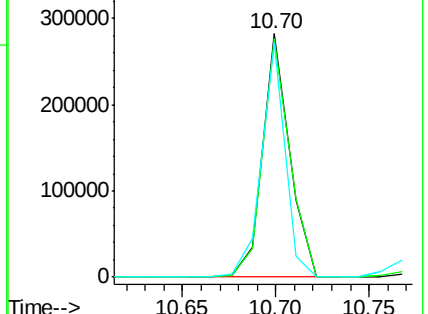
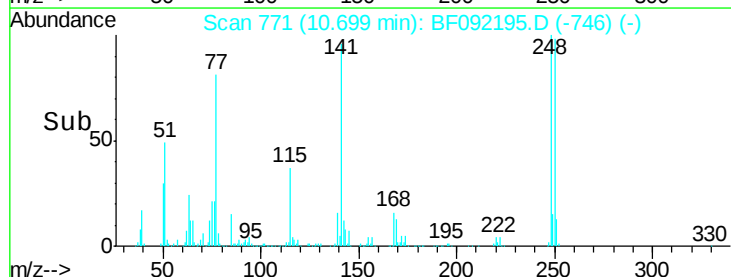
141 96.3 68.2 102.4

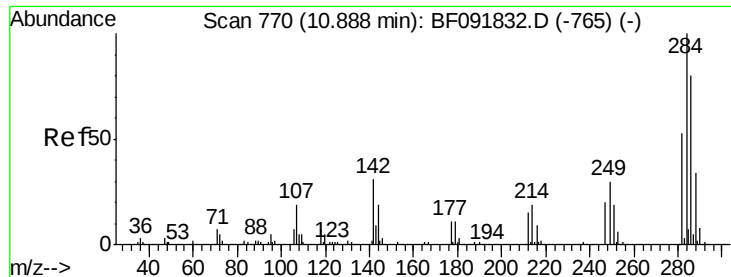


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

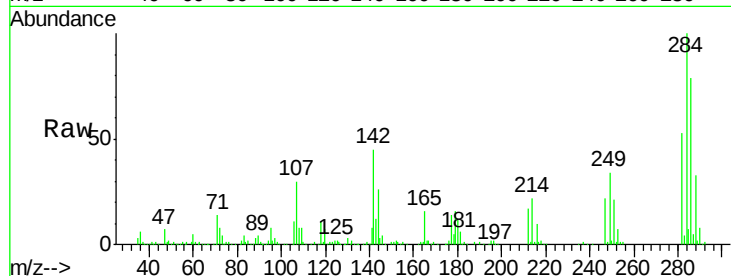




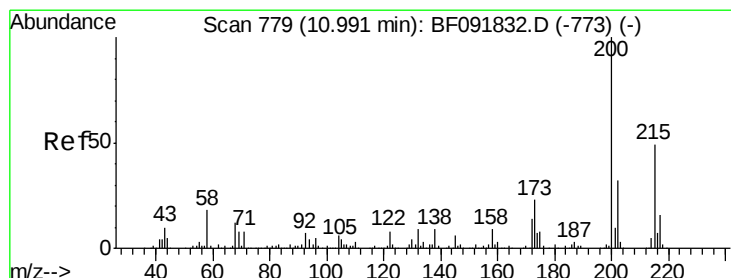
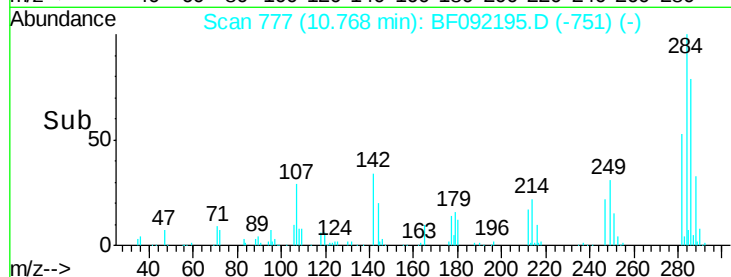
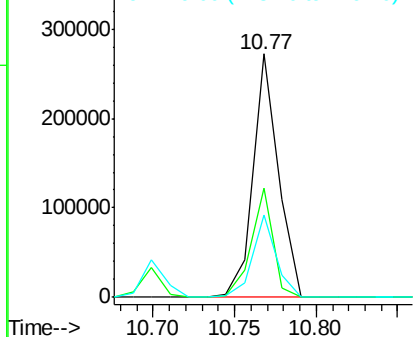
#67
Hexachlorobenzene
Concen: 43.48 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

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

Tgt Ion:284 Resp: 292941
Ion Ratio Lower Upper
284 100
142 44.7 22.6 33.8#
249 33.8 25.4 38.0

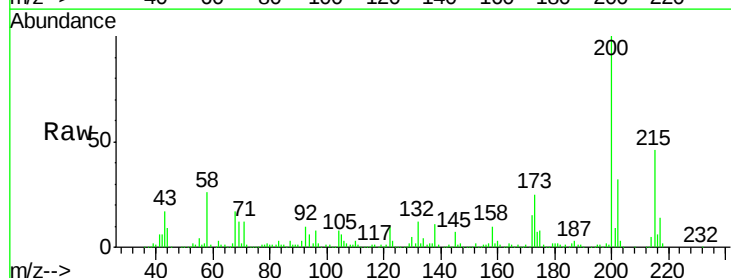


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

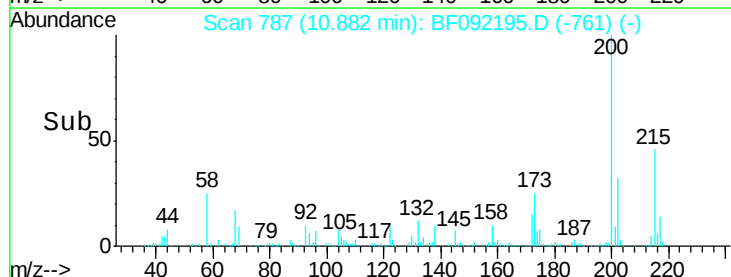
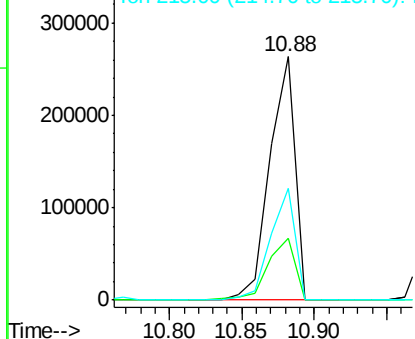


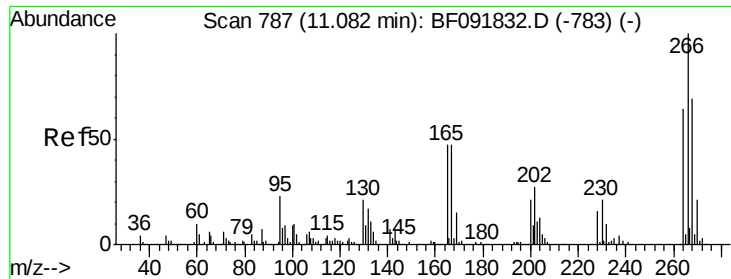
#68
Atrazine
Concen: 54.89 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:200 Resp: 318358
Ion Ratio Lower Upper
200 100
173 25.4 9.6 49.6
215 45.7 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

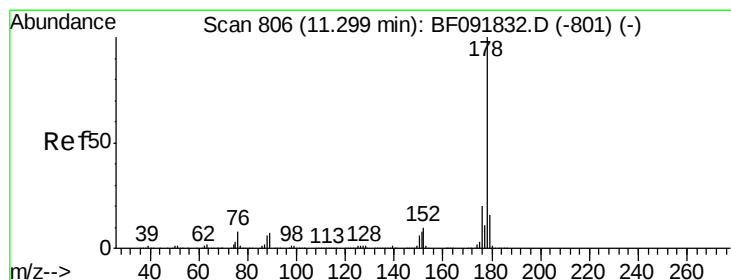
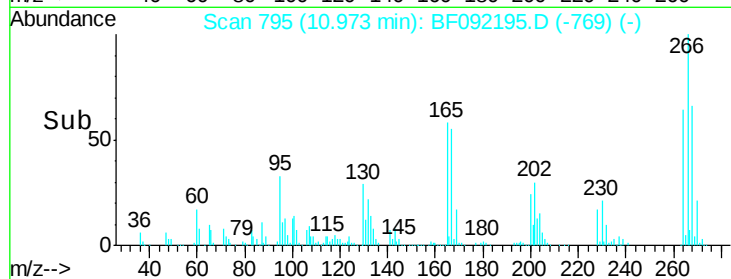
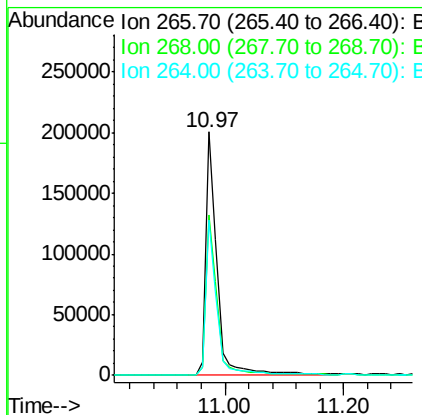
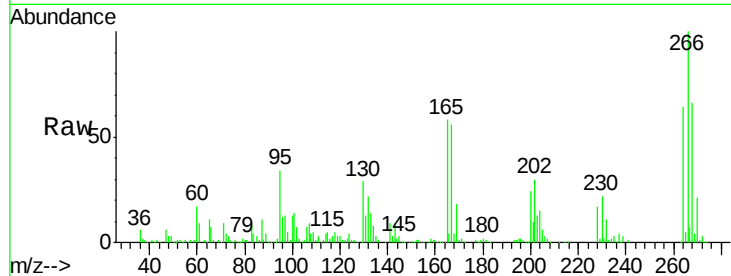




#69
 Pentachlorophenol
 Concen: 81.95 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

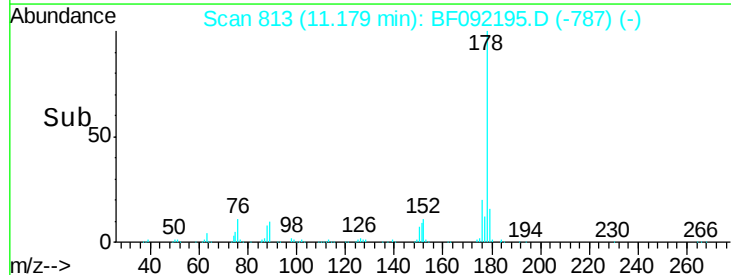
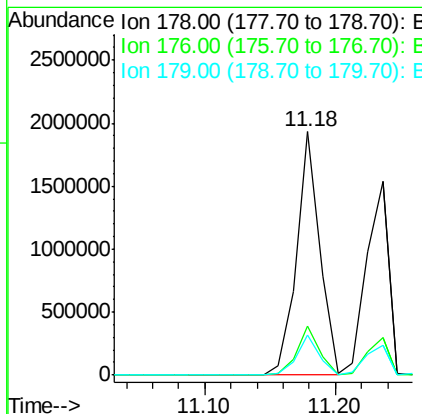
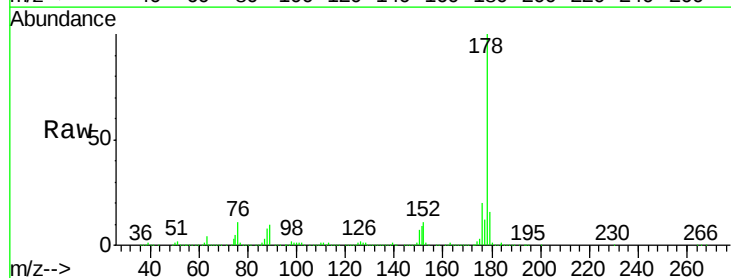
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2MSD

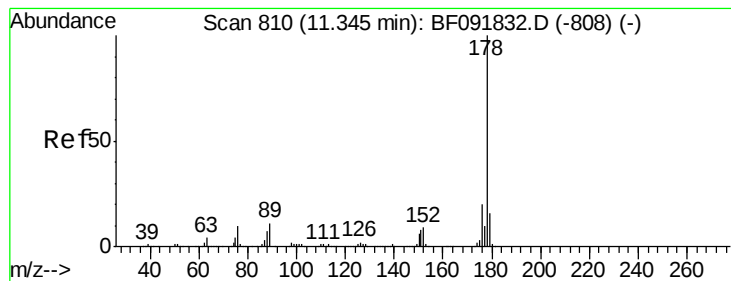
Tgt Ion: 266 Resp: 270891
 Ion Ratio Lower Upper
 266 100
 268 65.8 53.3 79.9
 264 63.9 50.3 75.5



#70
 Phenanthrene
 Concen: 72.37 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion: 178 Resp: 2377865
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.3 12.8 19.2





#71

Anthracene

Concen: Below Cal

RT: 11.24 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

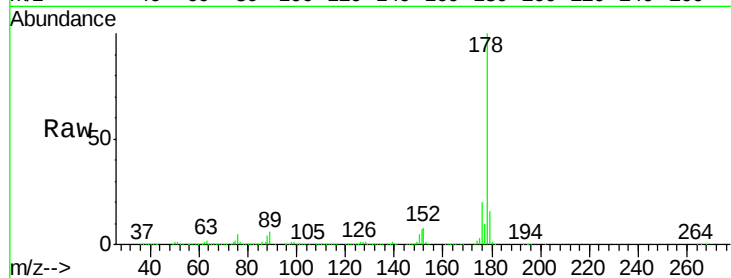
Tgt Ion:178 Resp: 1798843

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

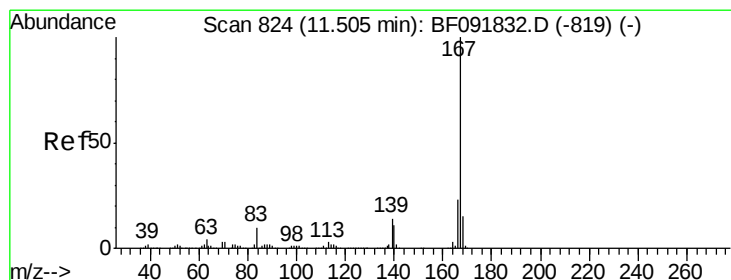
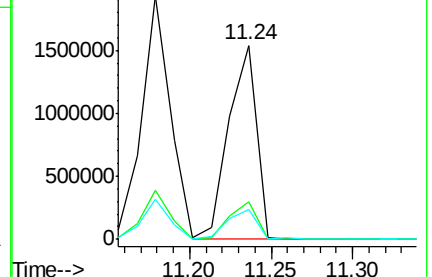
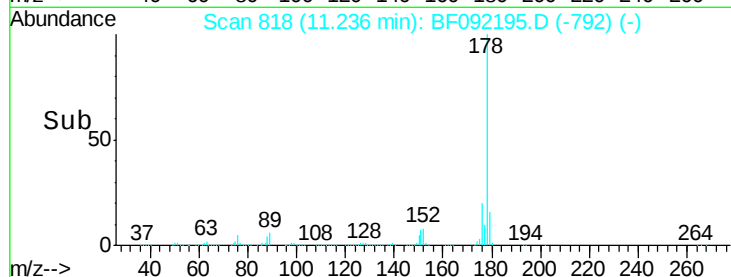
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: Below Cal

RT: 11.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

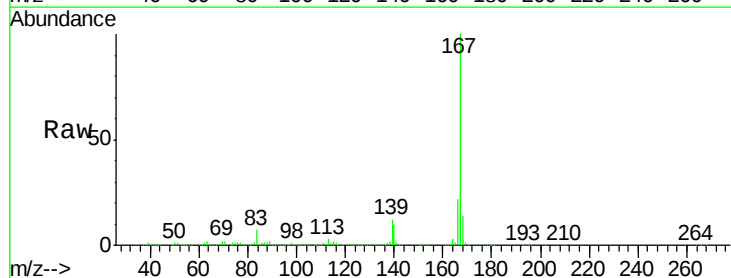
Tgt Ion:167 Resp: 1528291

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

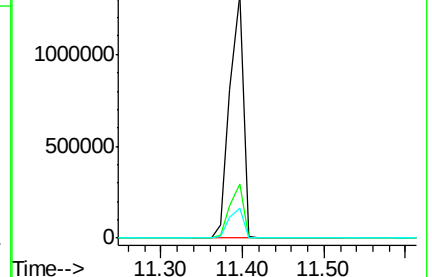
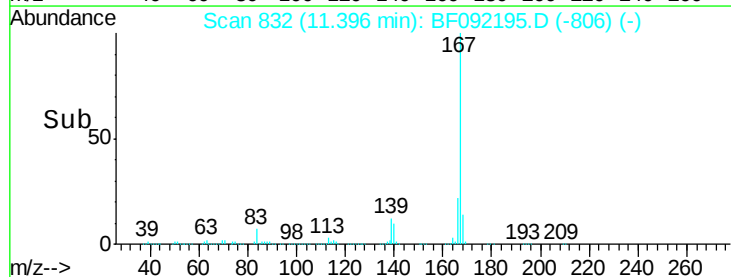
139 12.5 11.4 17.2

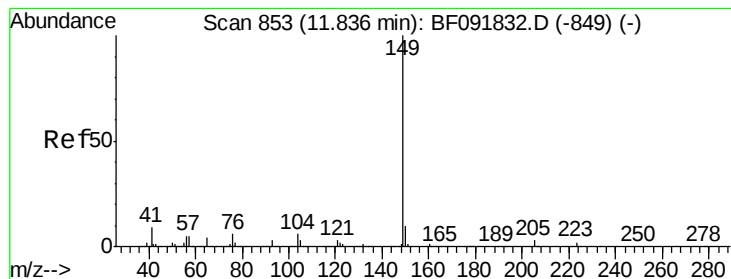


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.80 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

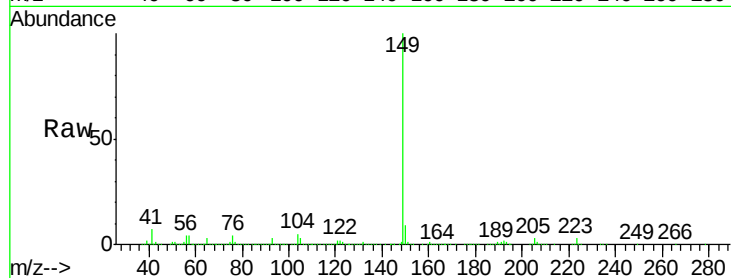
Tgt Ion:149 Resp: 1763052

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

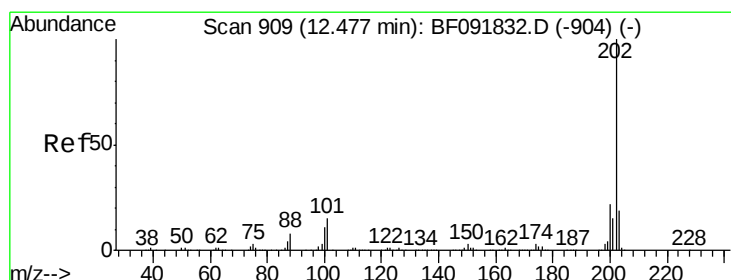
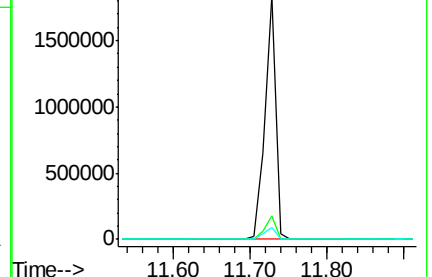
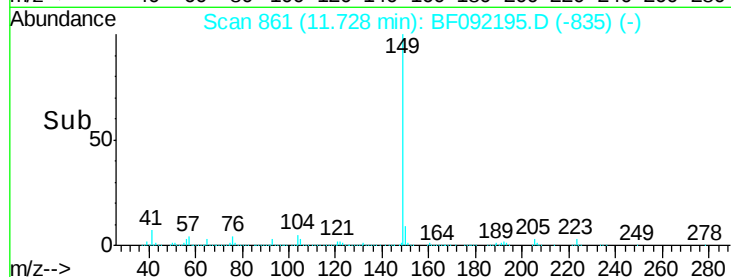
104 5.1 4.6 7.0



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: 84.57 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

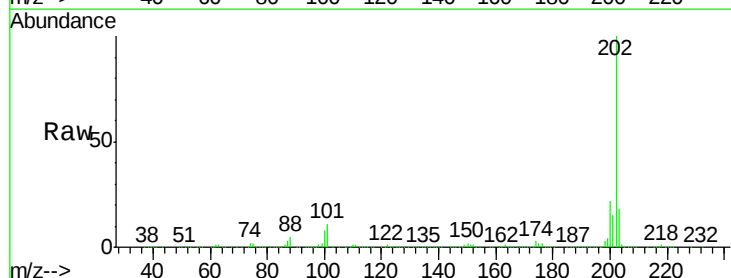
Tgt Ion:202 Resp: 2340642

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.6

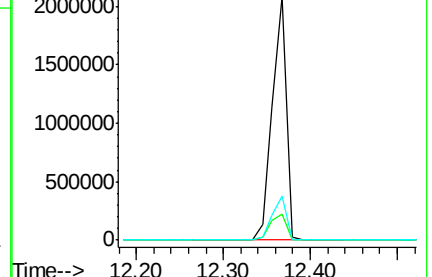
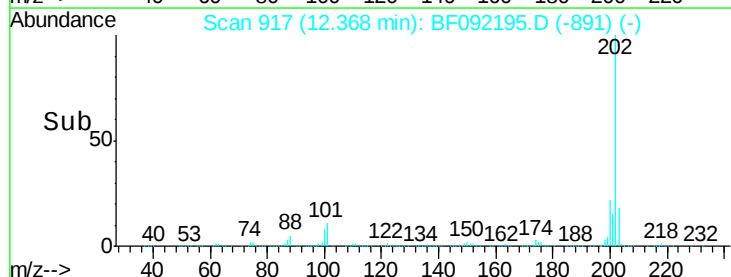
203 18.3 0.0 38.7

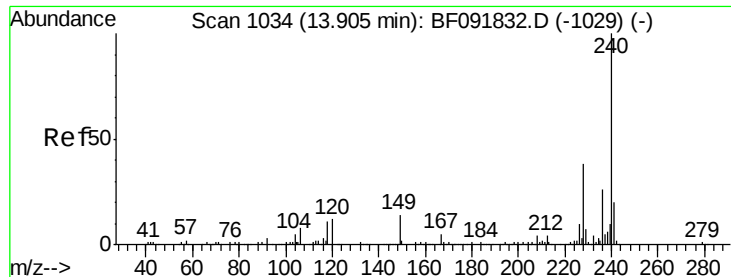


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

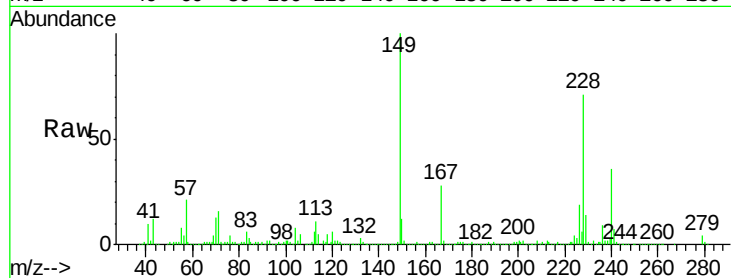
Tgt Ion:240 Resp: 324325

Ion Ratio Lower Upper

240 100

120 16.9 12.9 19.3

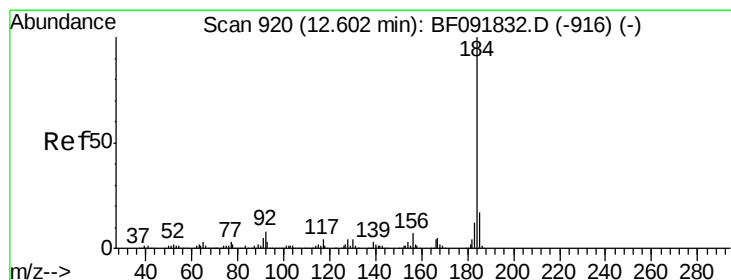
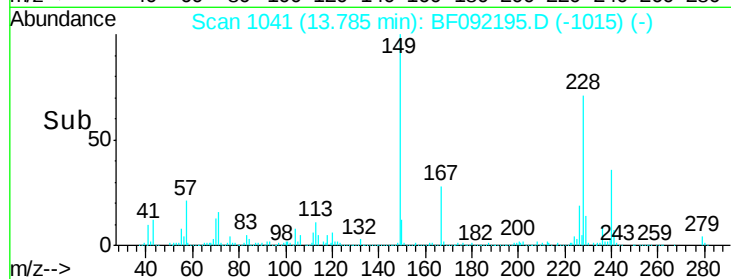
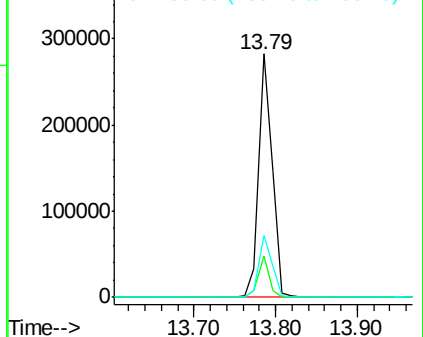
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.45 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

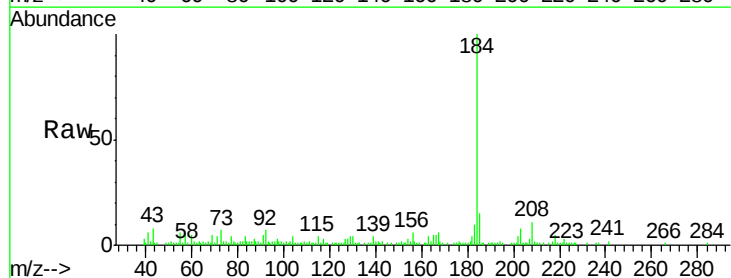
Tgt Ion:184 Resp: 80721

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

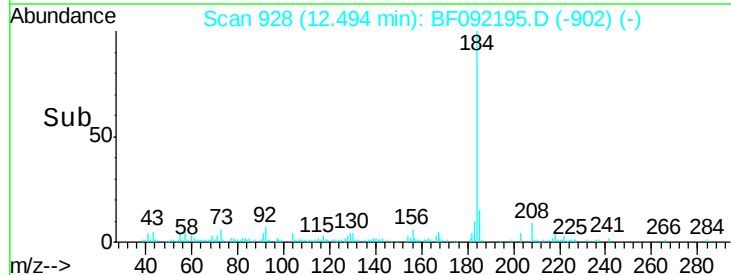
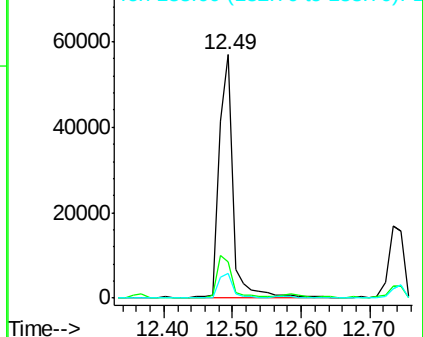
183 10.3 9.2 13.8

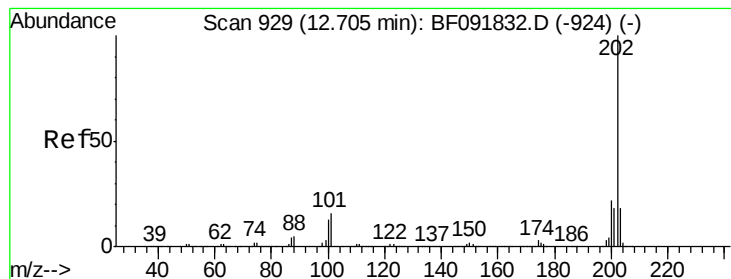


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 93.40 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

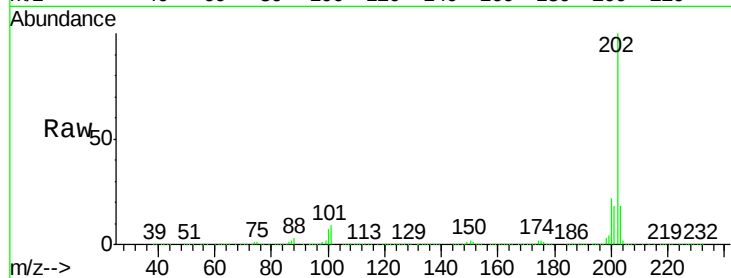
Tgt Ion:202 Resp: 2222492

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

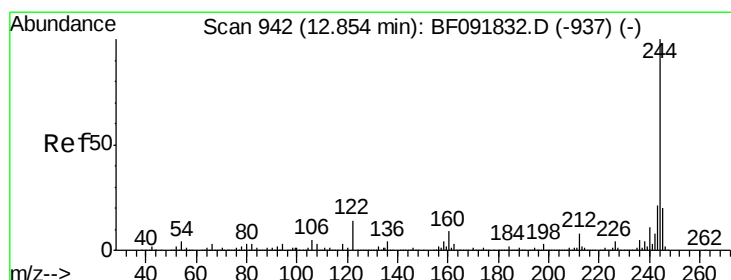
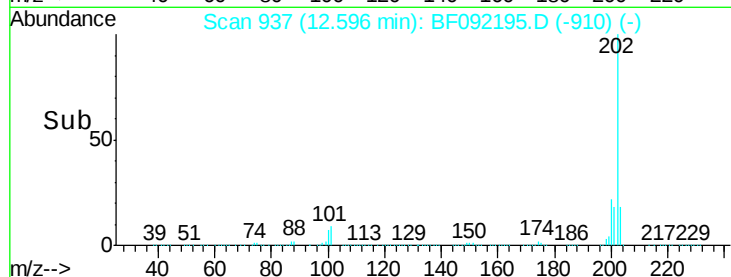
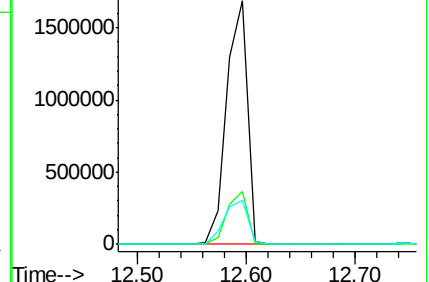
203 18.1 14.7 22.1



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: 134.73 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

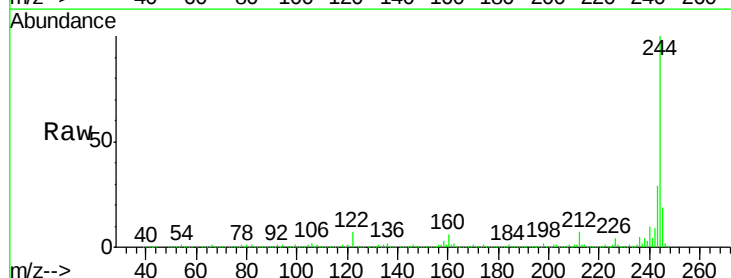
Tgt Ion:244 Resp: 1801659

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

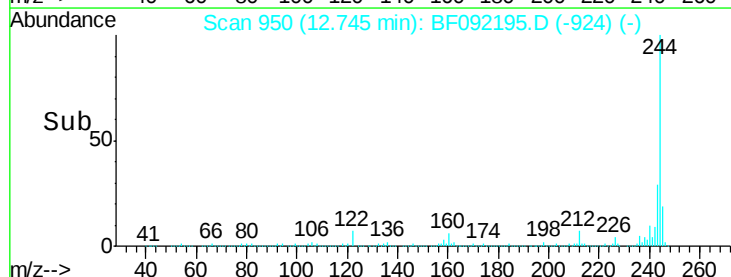
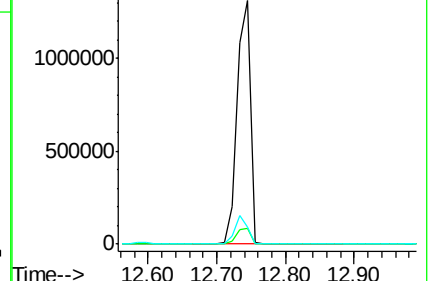
122 6.9 11.4 17.2#

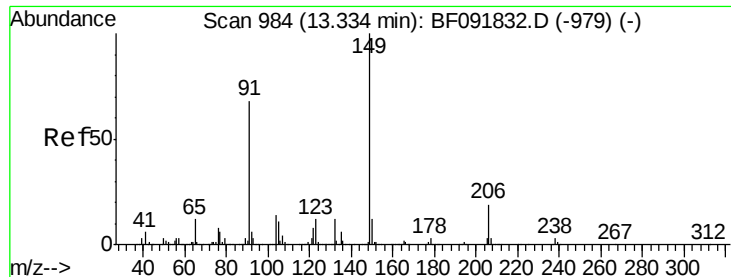


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

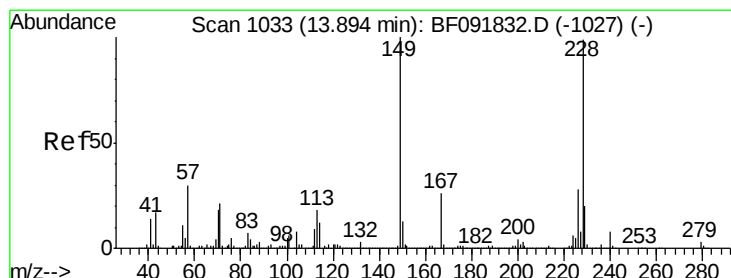
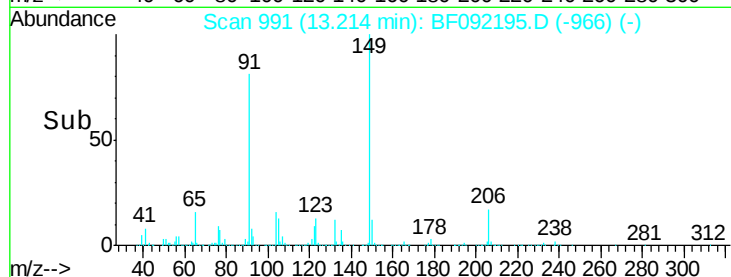
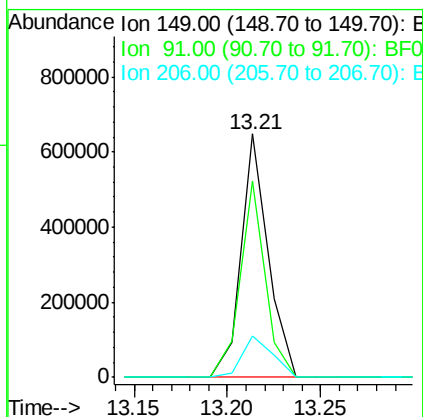
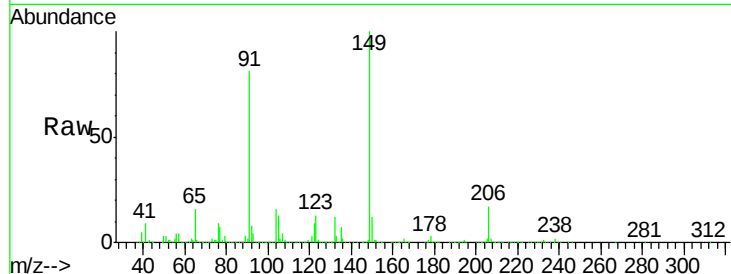




#79
Butylbenzylphthalate
Concen: 60.42 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

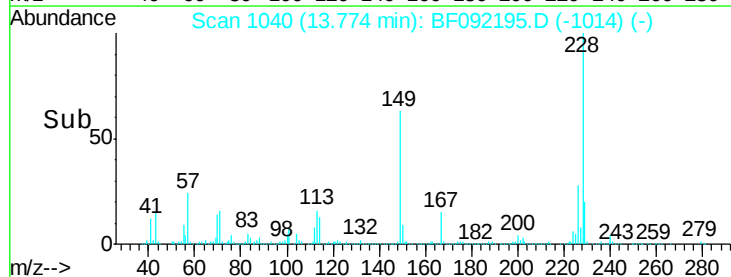
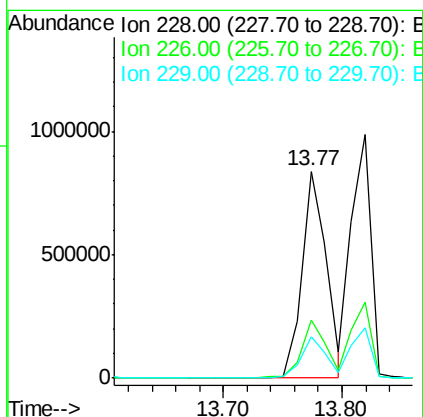
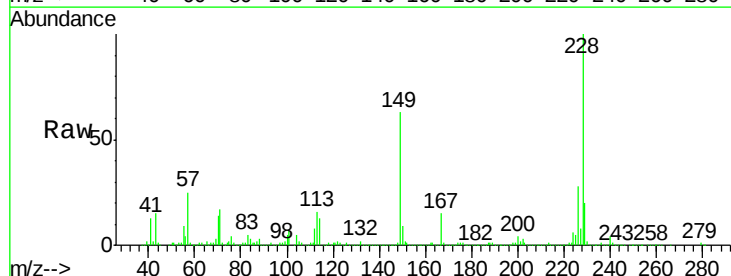
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

Tgt Ion:149 Resp: 653922
Ion Ratio Lower Upper
149 100
91 80.6 63.9 95.9
206 17.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 65.01 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:228 Resp: 1190229
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.0 16.2 24.4

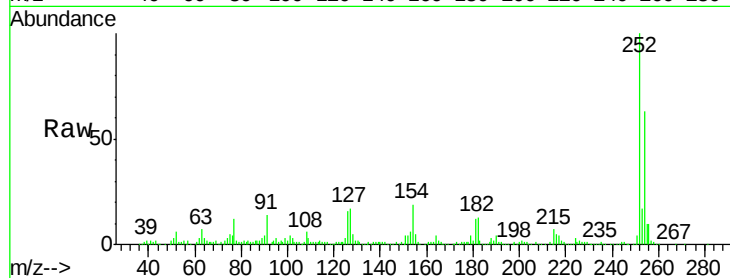




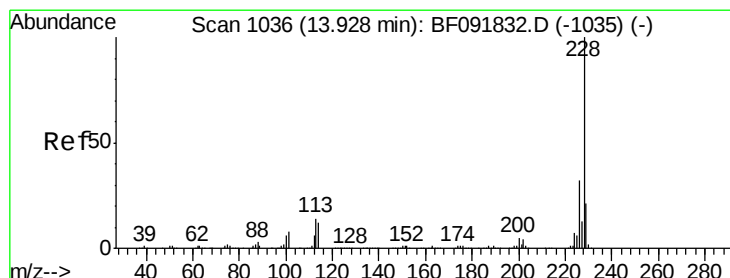
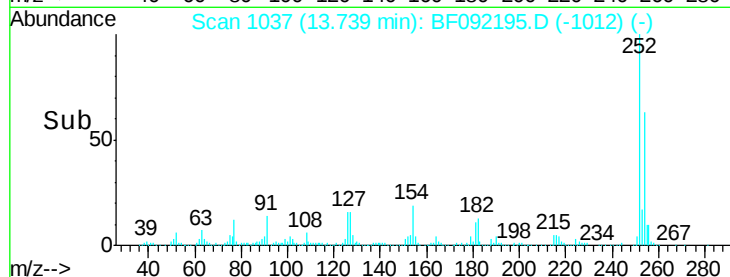
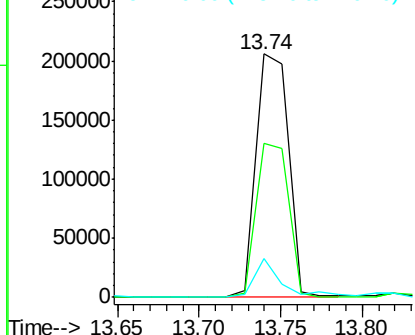
#81
 3,3'-Dichlorobenzidine
 Concen: 41.18 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.3	78.5
126	15.9	13.6	20.4

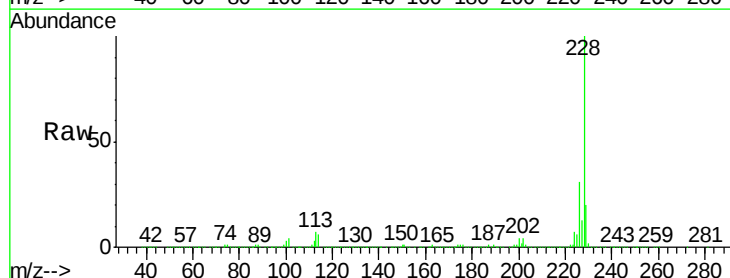


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

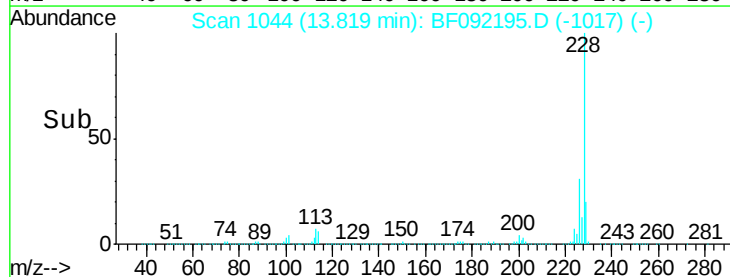
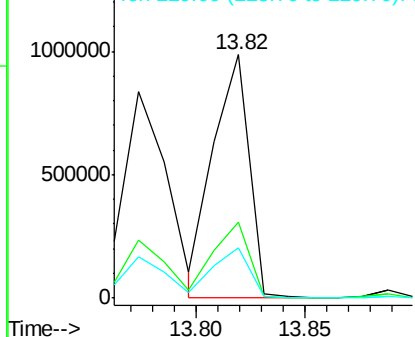


#82
 Chrysene
 Concen: 61.40 ng
 RT: 13.82 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.4	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: 72.32 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

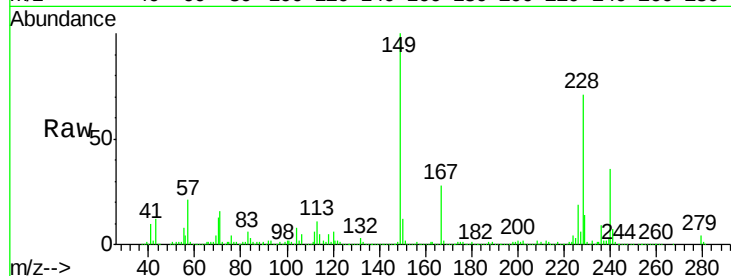
Tgt Ion:149 Resp: 921775

Ion Ratio Lower Upper

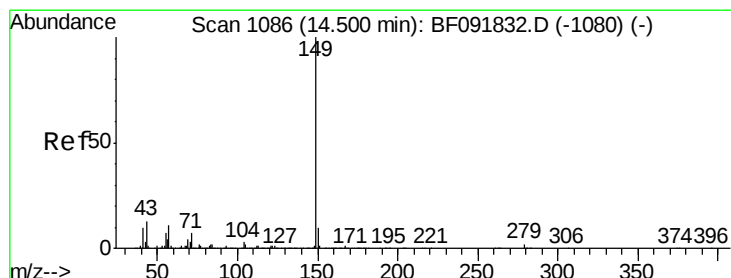
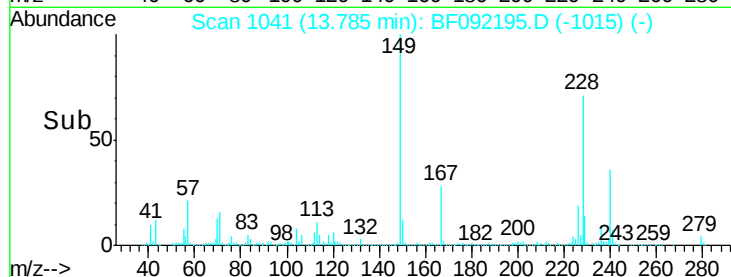
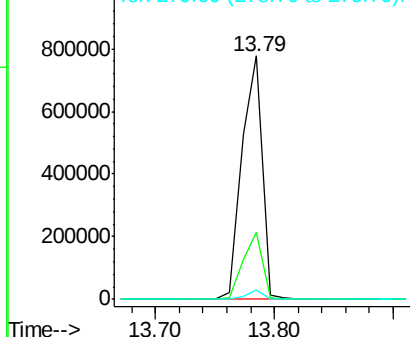
149 100

167 27.7 20.2 30.4

279 3.8 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: 60.10 ng

RT: 14.39 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

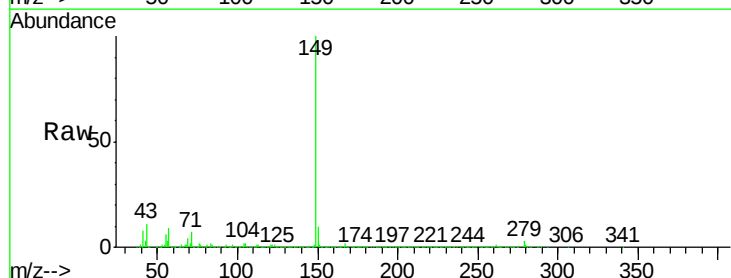
Tgt Ion:149 Resp: 1418944

Ion Ratio Lower Upper

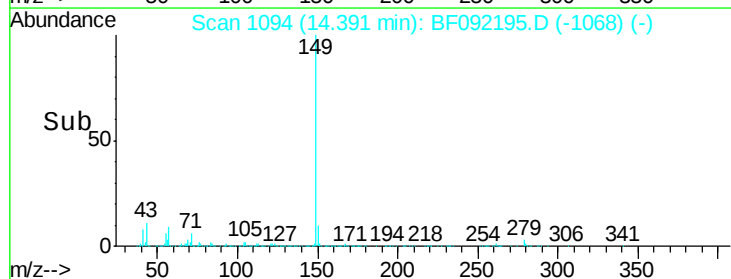
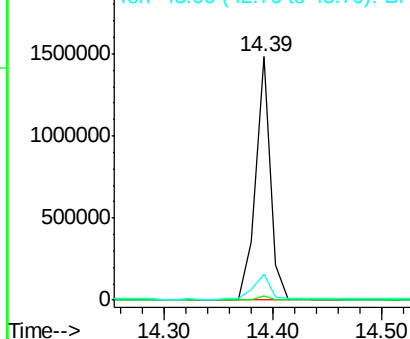
149 100

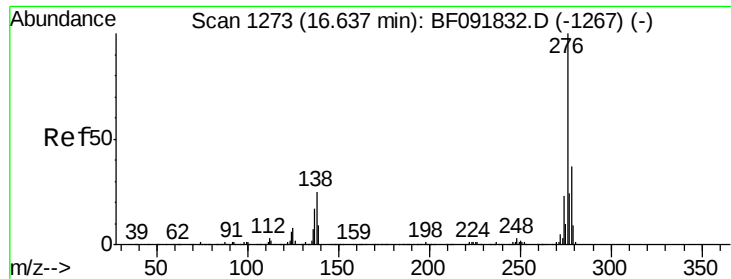
167 1.6 1.3 1.9

43 11.6 8.9 13.3



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

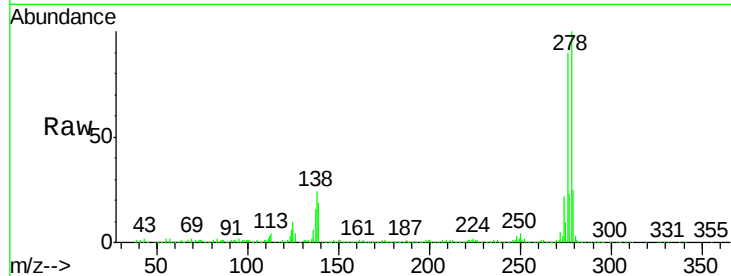




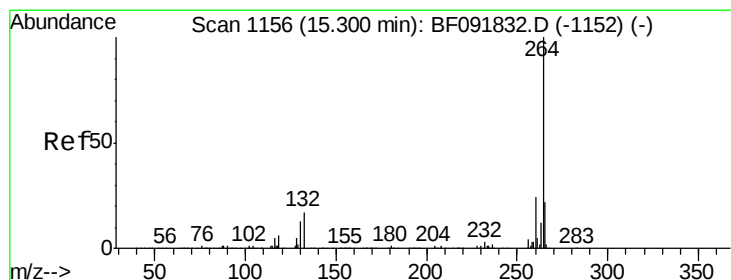
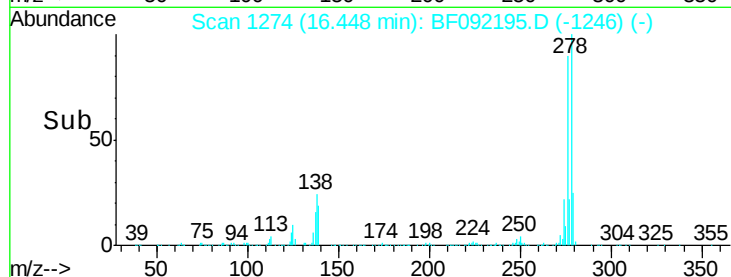
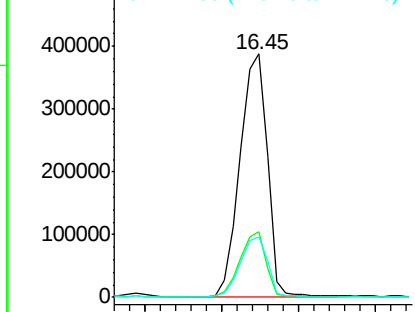
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.42 ng
 RT: 16.45 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

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

Tgt Ion:276 Resp: 961274
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.8 32.6
 277 24.7 20.2 30.4

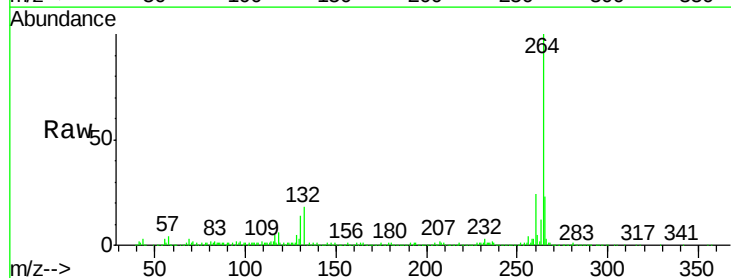


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

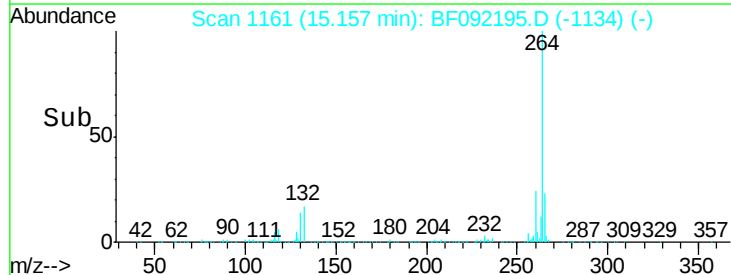
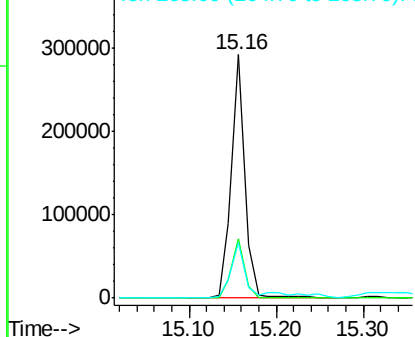


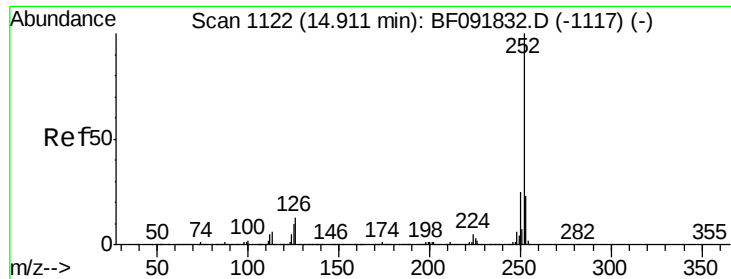
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092195.D
 Acq: 10 Jan 2017 21:16

Tgt Ion:264 Resp: 315060
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.7 17.4 26.0



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

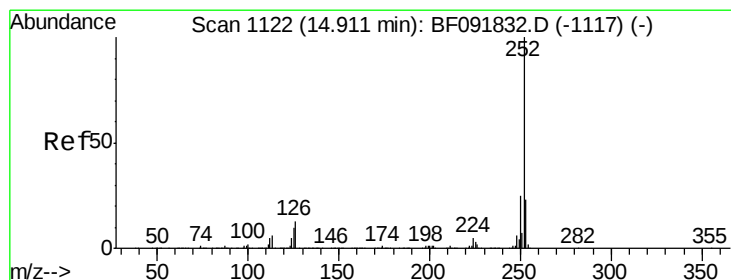
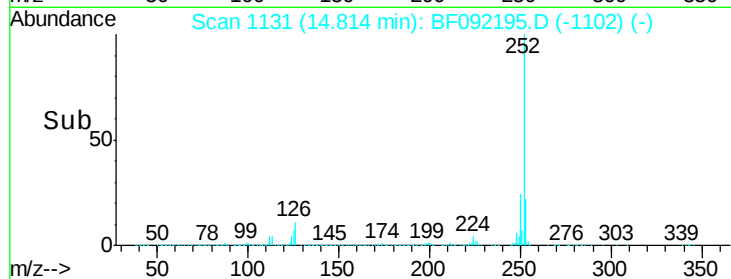
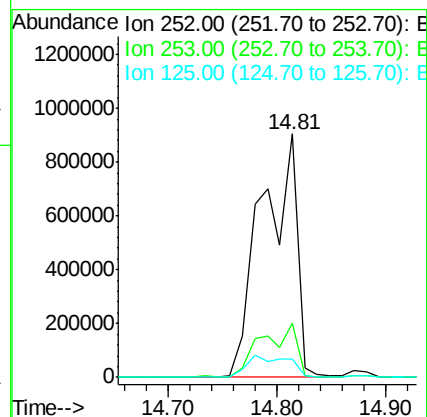
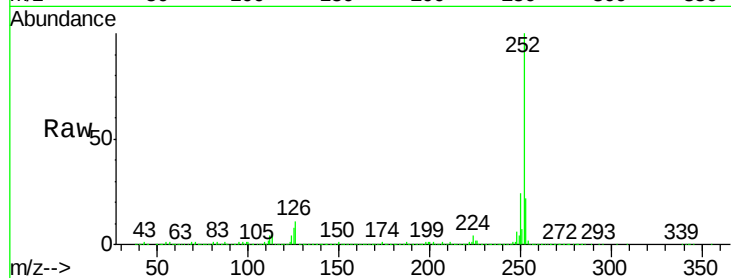




#87
Benzo(b)fluoranthene
Concen: 102.68 ng
RT: 14.81 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

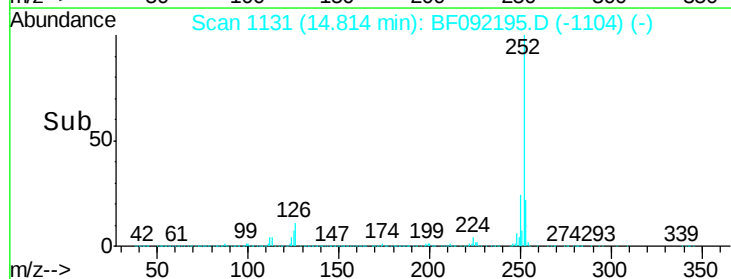
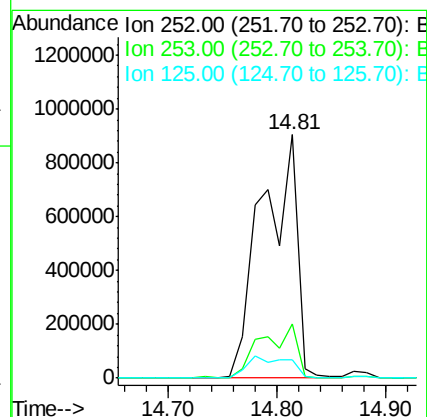
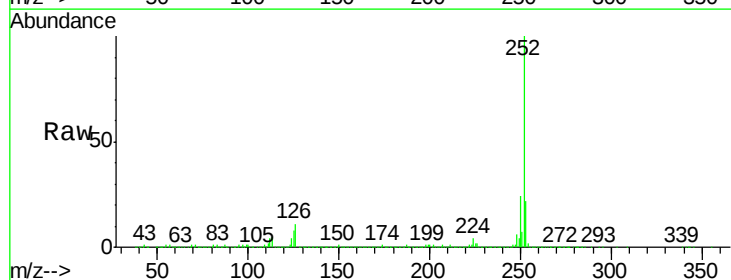
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

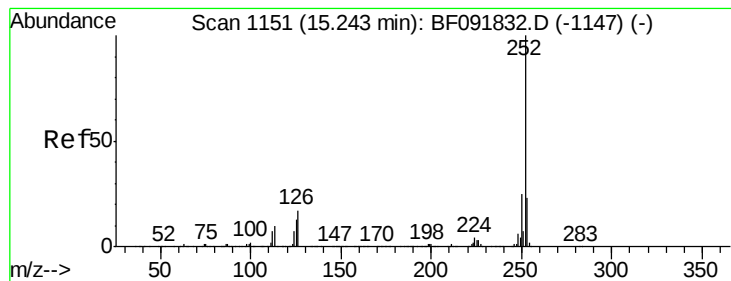
Tgt Ion:252 Resp: 2014154
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 7.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 120.42 ng
RT: 14.81 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF092195.D
Acq: 10 Jan 2017 21:16

Tgt Ion:252 Resp: 2014154
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 7.7 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 55.44 ng

RT: 15.11 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

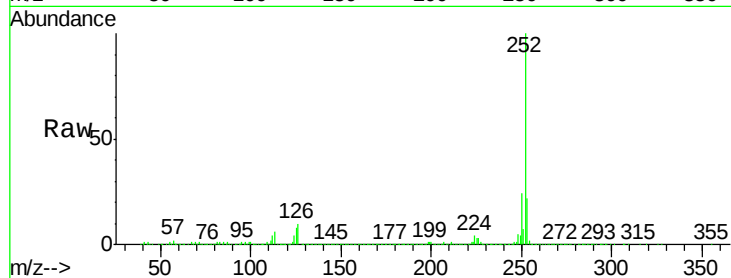
Tgt Ion:252 Resp: 965273

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

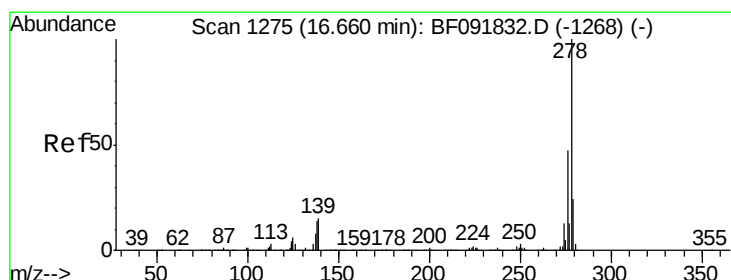
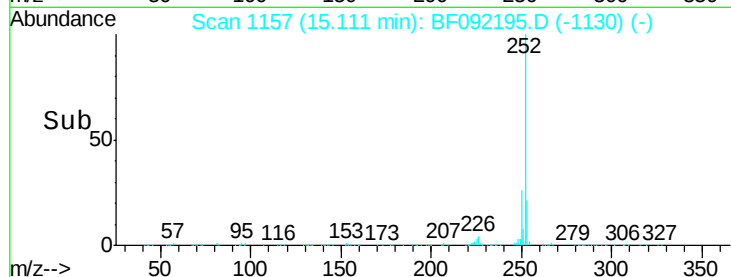
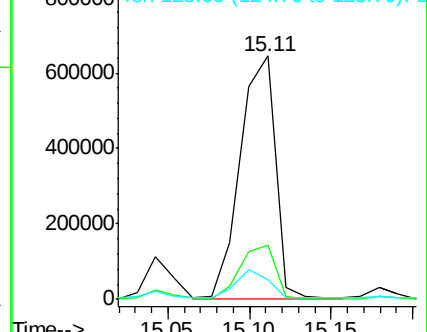
125 7.9 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.73 ng

RT: 16.45 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

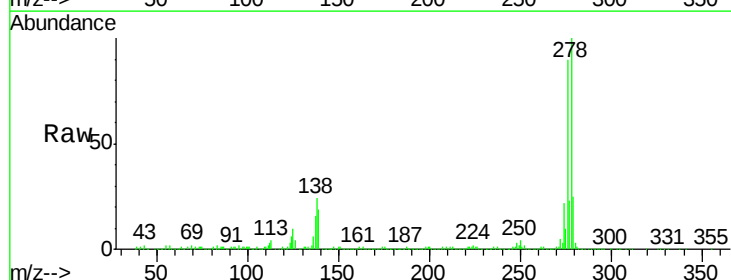
Tgt Ion:278 Resp: 754589

Ion Ratio Lower Upper

278 100

139 19.3 14.8 22.2

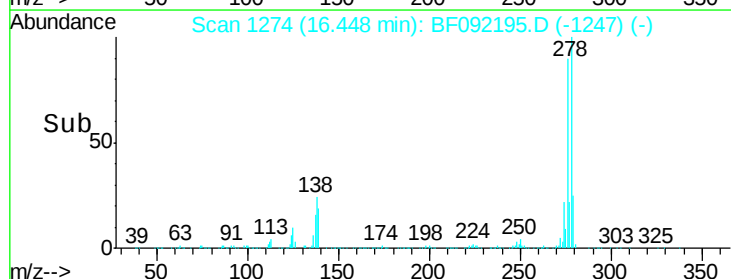
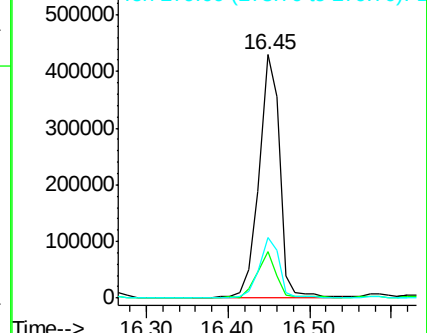
279 25.1 19.8 29.6

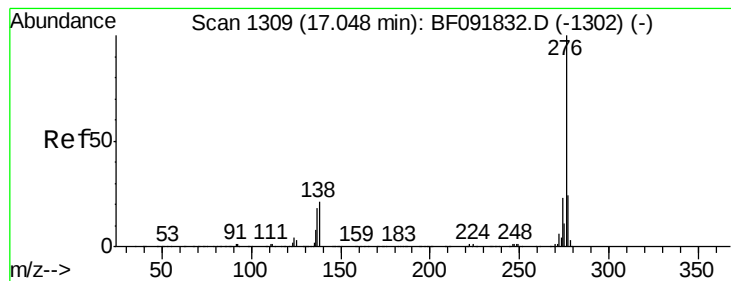


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.46 ng

RT: 16.83 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF092195.D

Acq: 10 Jan 2017 21:16

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2MSD

Tgt Ion:276 Resp: 840140

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 23.2 16.0 24.0

