

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092193.D
 Acq On : 10 Jan 2017 20:21
 Operator : UM/SJ
 Sample : I1079-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 10 23:34:27 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	151757	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	650932	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	377843	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	613039	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	453356	20.00	ng	0.00
86) Perylene-d12	15.16	264	334018	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1073768	118.14	ng	0.00
7) Phenol-d6	6.30	99	1266525	114.14	ng	-0.01
23) Nitrobenzene-d5	7.20	82	977953	83.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	346060	110.67	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1346419	70.87	ng	-0.01
78) Terphenyl-d14	12.74	244	1453608	77.76	ng	0.00

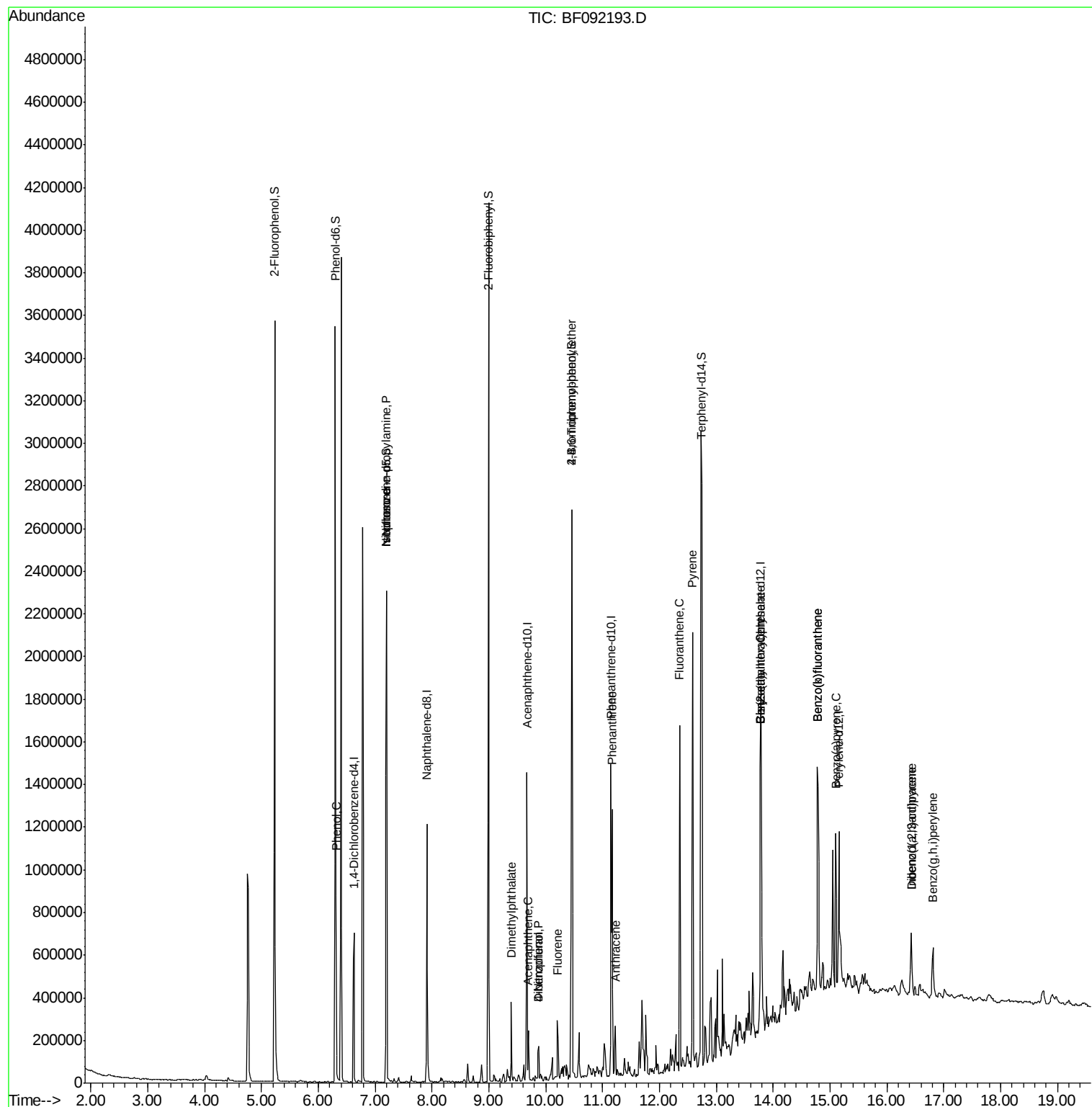
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.31	94	103395	8.18	ng	# 75
19) n-Nitroso-di-n-propylamine	7.20	70	129109	17.49	ng	# 73
25) Isophorone	7.20	82	933821	43.24	ng	# 65
49) Dimethylphthalate	9.40	163	154698	6.40	ng	99
51) Acenaphthene	9.69	154	74452	3.49	ng	97
54) Dibenzofuran	9.88	168	83260	2.89	ng	93
55) 4-Nitrophenol	9.88	139	30757	6.92	ng	# 5
57) Fluorene	10.21	166	101922	4.86	ng	98
66) 4-Bromophenyl-phenylether	10.46	248	21265	3.33	ng	# 1
70) Phenanthrene	11.17	178	498708	15.00	ng	98
71) Anthracene	11.22	178	107390	2.25	ng	96
73) Di-n-butylphthalate	11.72	149	13024	Below	Cal	# 88
74) Fluoranthene	12.36	202	606590	18.55	ng	97
76) Benzidine	12.73	184	18451	Below	Cal	# 94
77) Pyrene	12.58	202	830319	24.96	ng	98
80) Benzo(a)anthracene	13.77	228	604607	23.63	ng	97
82) Chrysene	13.77	228	602495	23.47	ng	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	72341	4.06	ng	99
85) Indeno(1,2,3-cd)pyrene	16.44	276	197907	8.90	ng	97
87) Benzo(b)fluoranthene	14.78	252	827556	39.79	ng	99
88) Benzo(k)fluoranthene	14.78	252	825572	46.56	ng	98
89) Benzo(a)pyrene	15.10	252	378858	20.53	ng	98
90) Dibenz(a,h)anthracene	16.44	278	68934	4.54	ng	95
91) Benzo(g,h,i)perylene	16.81	276	186659	11.83	ng	97

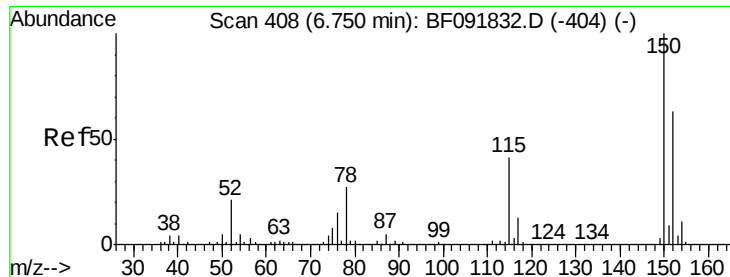
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092193.D
Acq On : 10 Jan 2017 20:21
Operator : UM/SJ
Sample : I1079-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 10 23:34:27 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

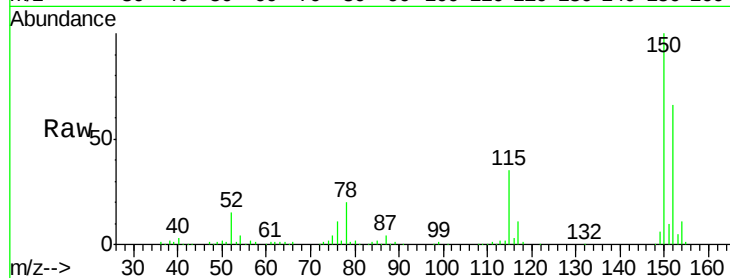
Tgt Ion:152 Resp: 151757

Ion Ratio Lower Upper

152 100

150 151.8 124.9 187.3

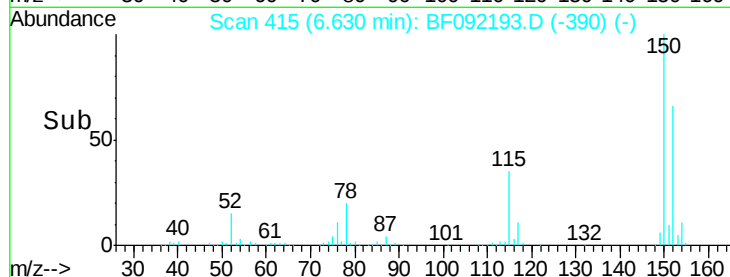
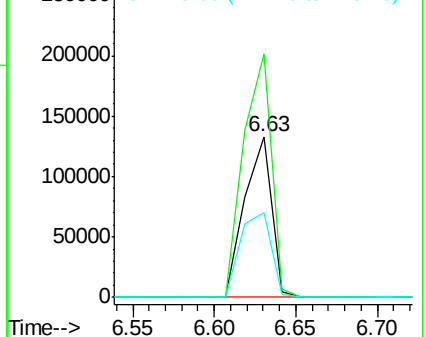
115 53.2 46.0 69.0



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



#5

2-Fluorophenol

Concen: 118.14 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

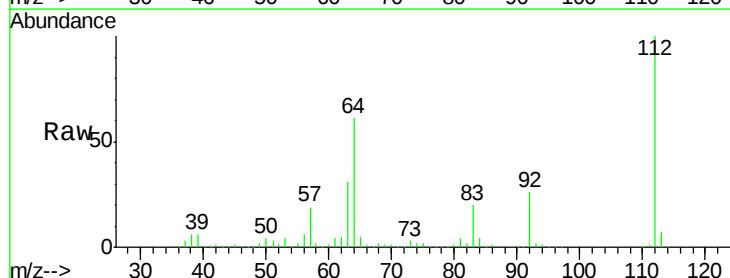
Tgt Ion:112 Resp: 1073768

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

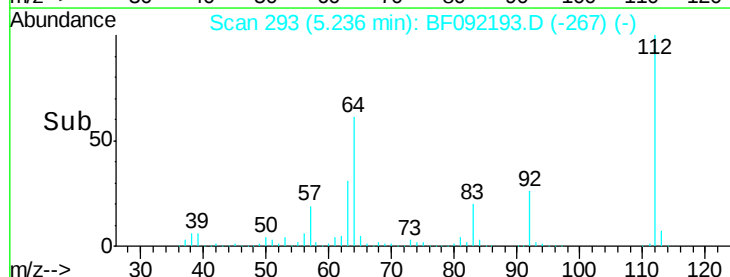
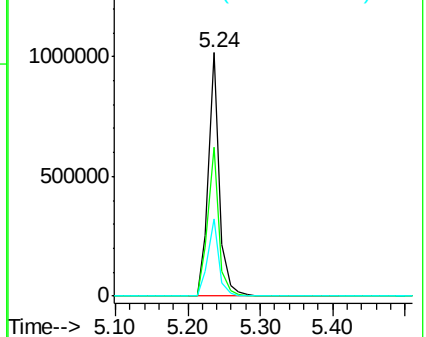
63 31.5 23.8 35.6



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





#7

Phenol-d6

Concen: 114.14 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

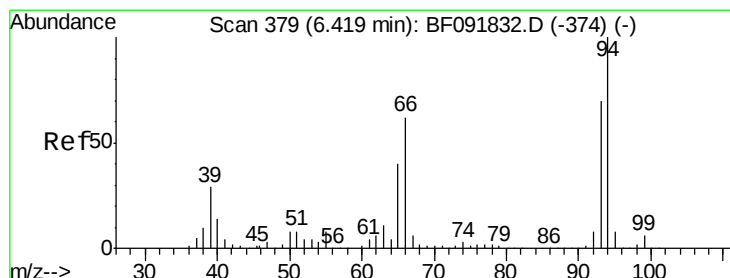
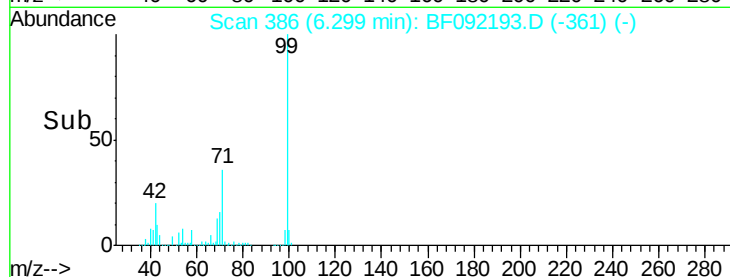
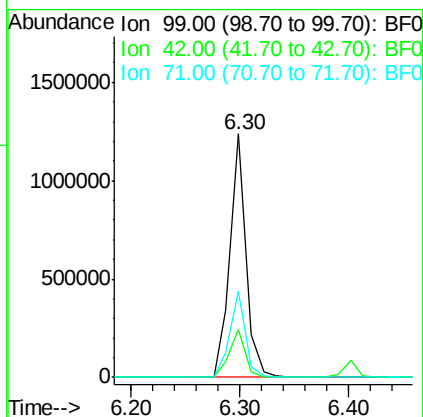
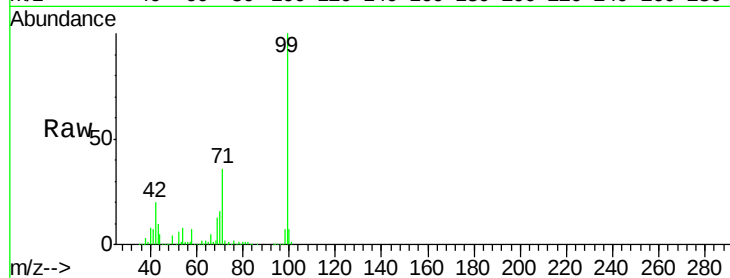
Tgt Ion: 99 Resp: 1266525

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 35.6 27.5 41.3



#10

Phenol

Concen: 8.18 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

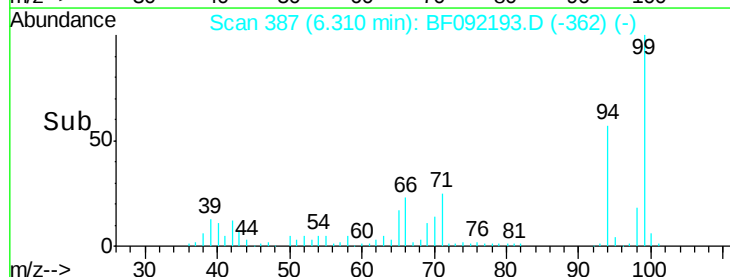
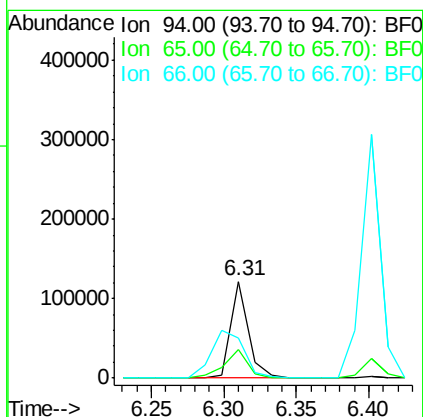
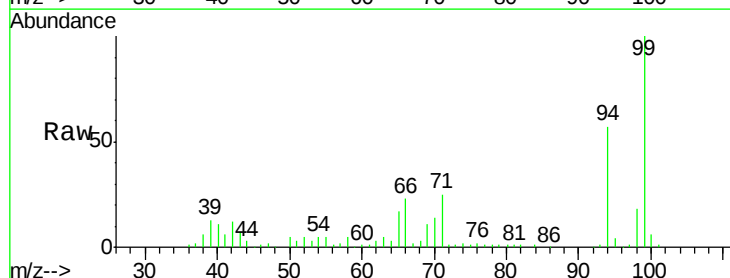
Tgt Ion: 94 Resp: 103395

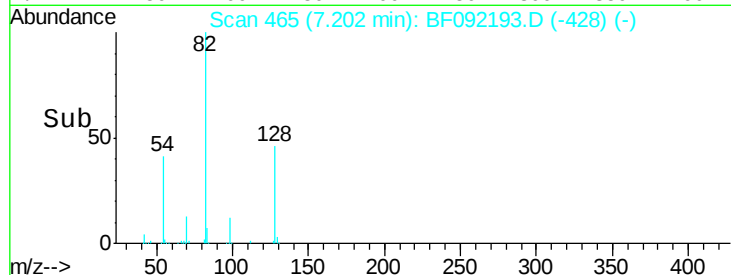
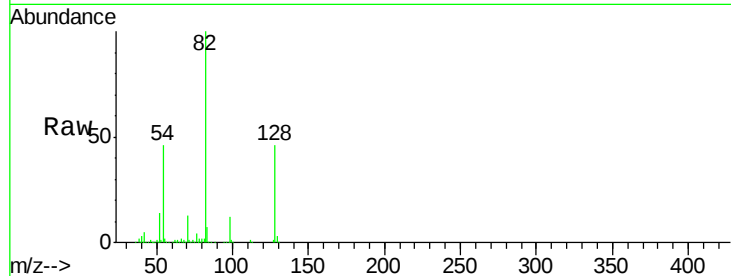
Ion Ratio Lower Upper

94 100

65 29.2 21.4 61.4

66 41.4 44.0 84.0#

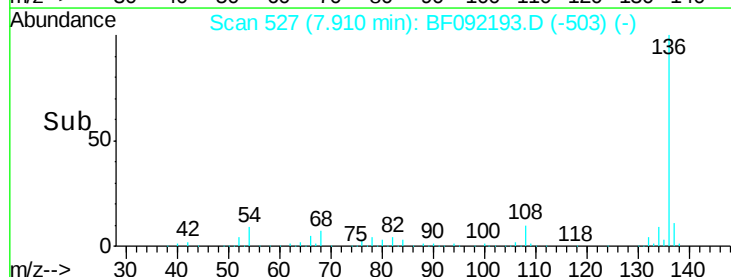
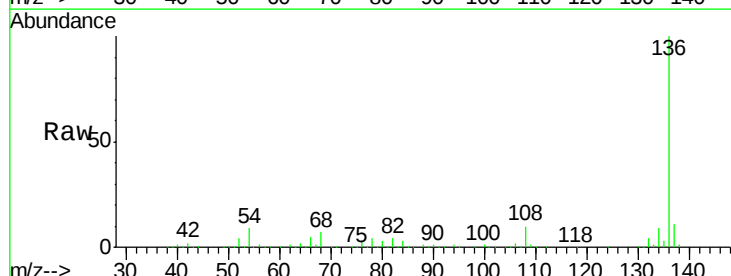
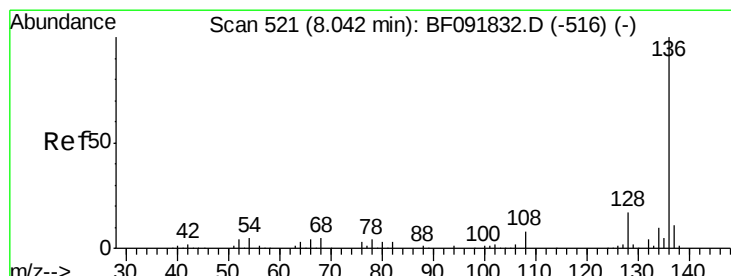
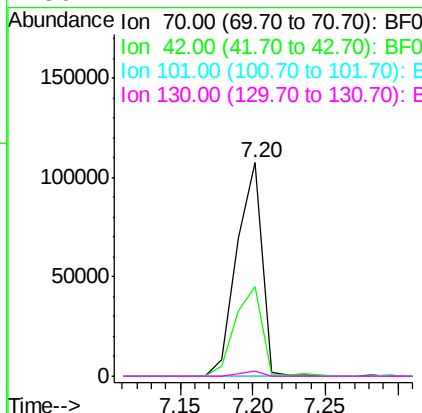




#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092193.D
Acq: 10 Jan 2017 20:21

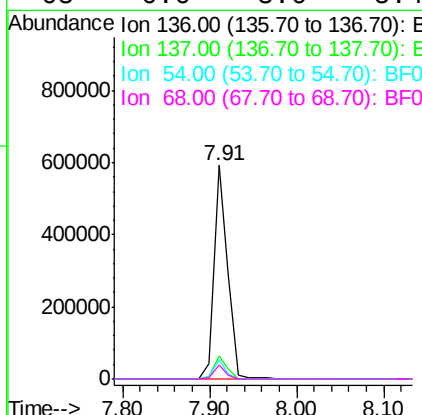
Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2

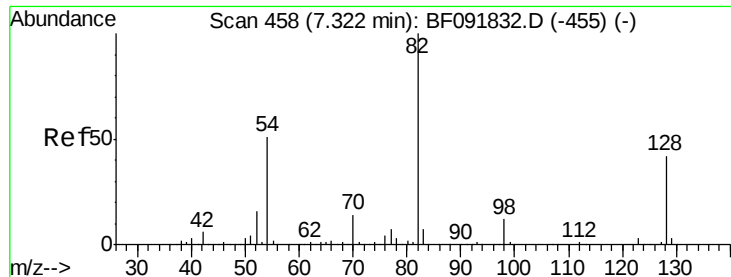
Tgt Ion: 70 Resp: 129109
Ion Ratio Lower Upper
70 100
42 42.1 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF092193.D
Acq: 10 Jan 2017 20:21

Tgt Ion: 136 Resp: 650932
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.8 4.5 6.7#
68 6.6 3.6 5.4#

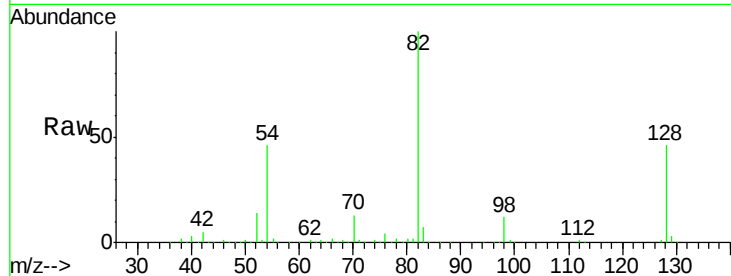




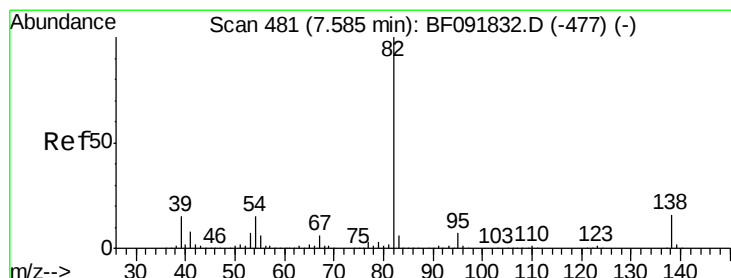
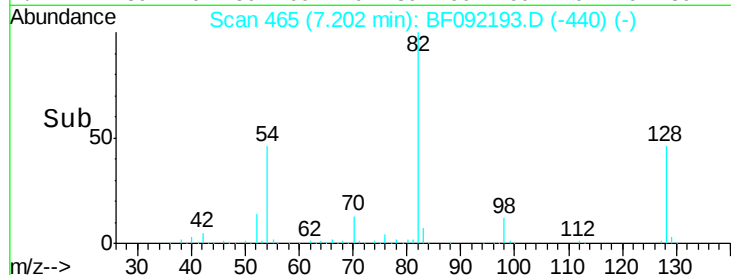
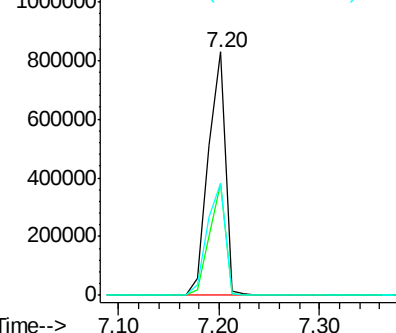
#23
 Nitrobenzene-d5
 Concen: 83.54 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

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

Tgt Ion: 82 Resp: 977953
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.6 52.0
 54 45.8 39.5 59.3

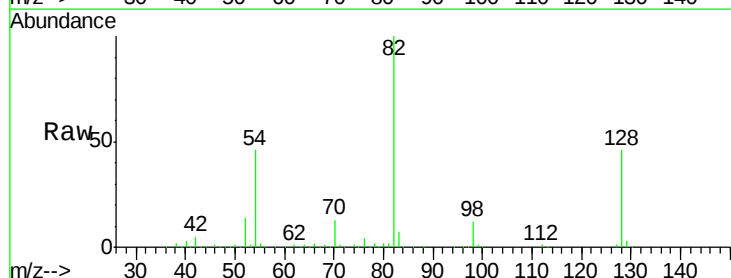


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

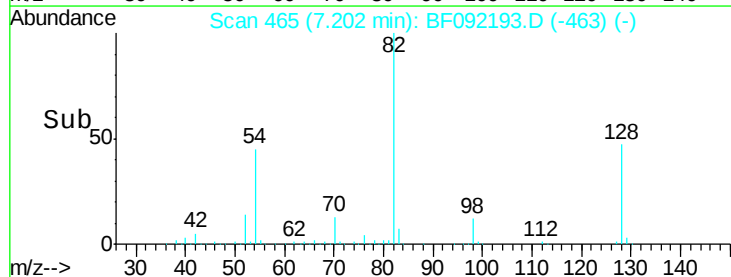
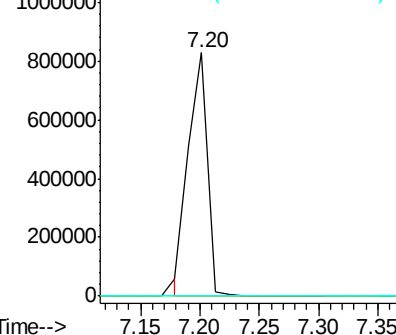


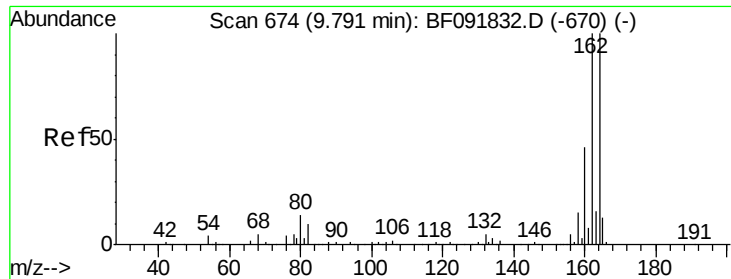
#25
 Isophorone
 Concen: 43.24 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.27 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

Tgt Ion: 82 Resp: 933821
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

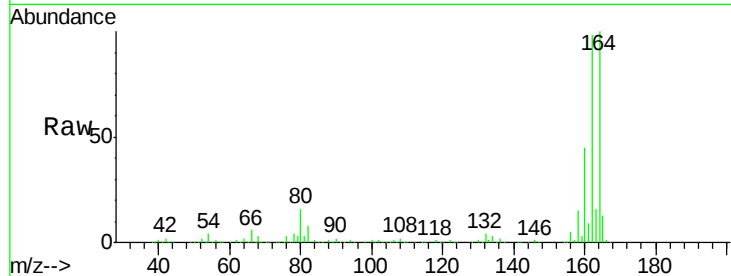
Tgt Ion:164 Resp: 377843

Ion Ratio Lower Upper

164 100

162 98.2 80.2 120.2

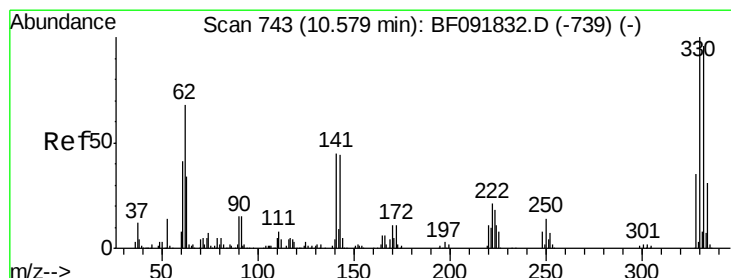
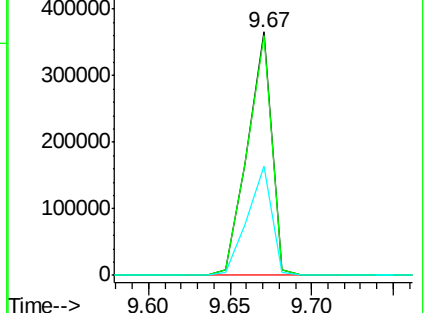
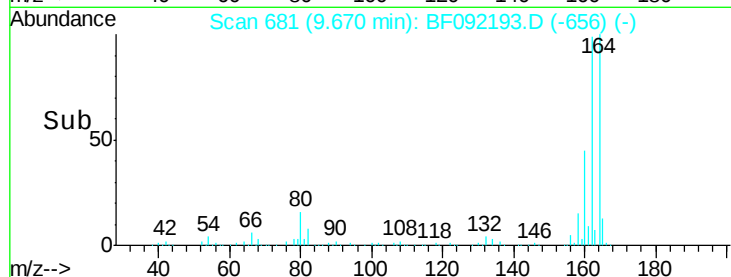
160 45.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 110.67 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

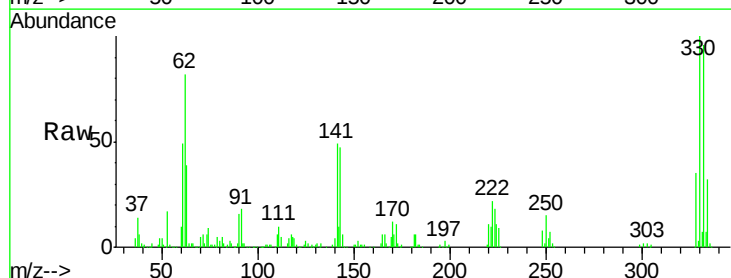
Tgt Ion:330 Resp: 346060

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

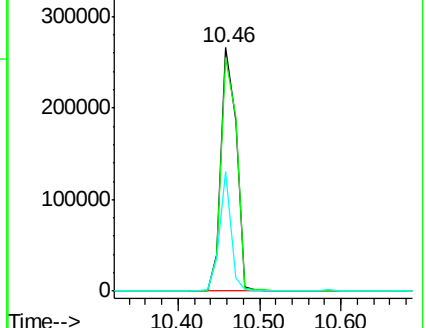
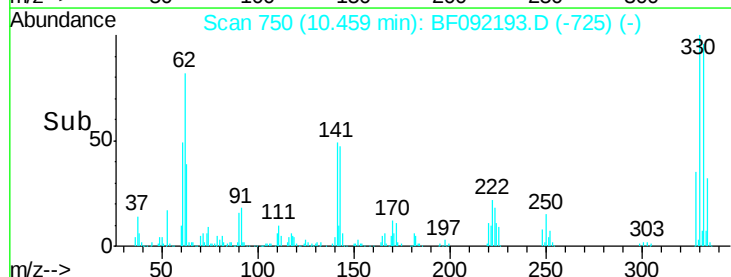
141 37.0 34.1 51.1

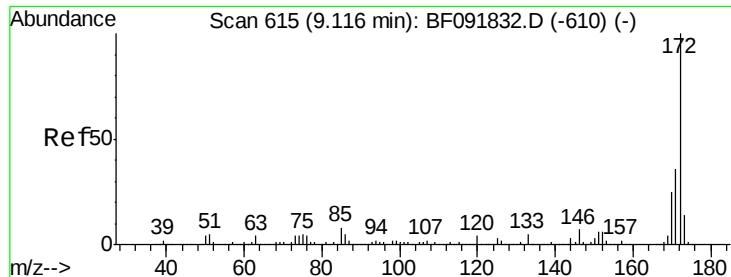


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

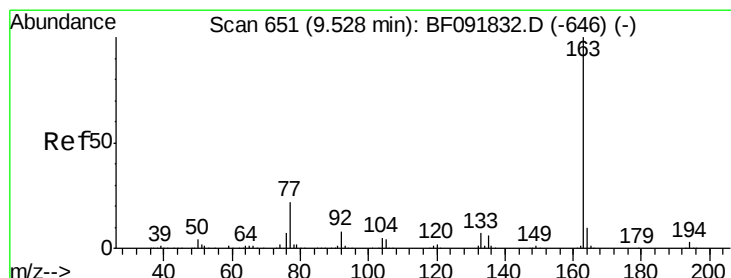
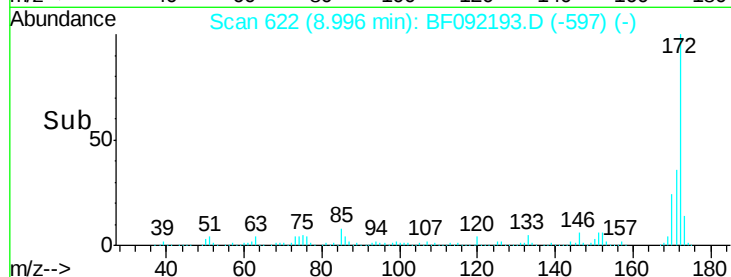
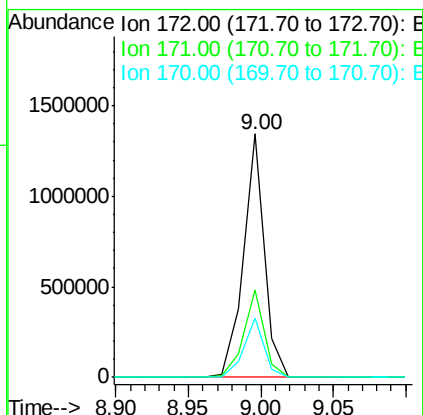
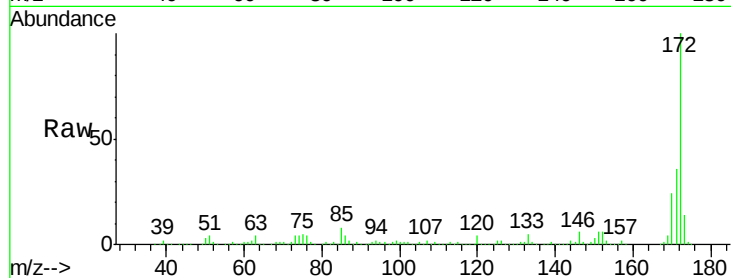




#44
 2-Fluorobiphenyl
 Concen: 70.87 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

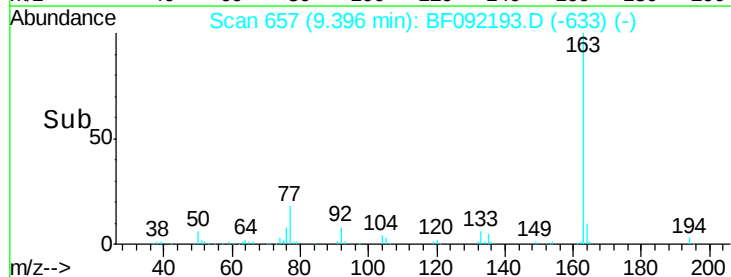
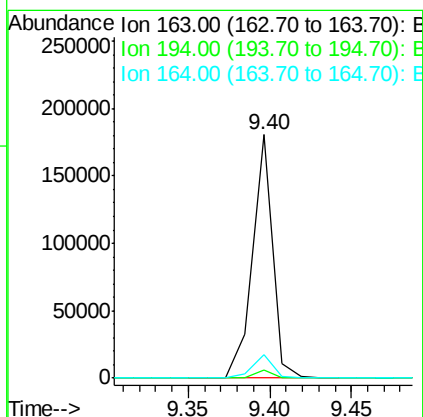
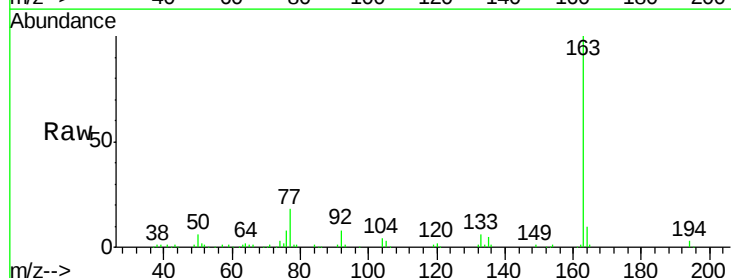
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2

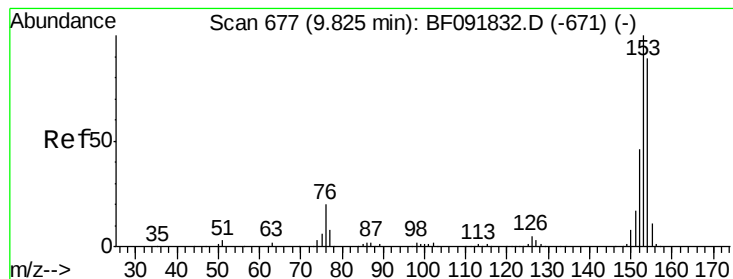
Tgt Ion:172 Resp: 1346419
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 20.2 30.4



#49
 Dimethylphthalate
 Concen: 6.40 ng
 RT: 9.40 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

Tgt Ion:163 Resp: 154698
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 9.7 8.0 12.0





#51

Acenaphthene

Concen: 3.49 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

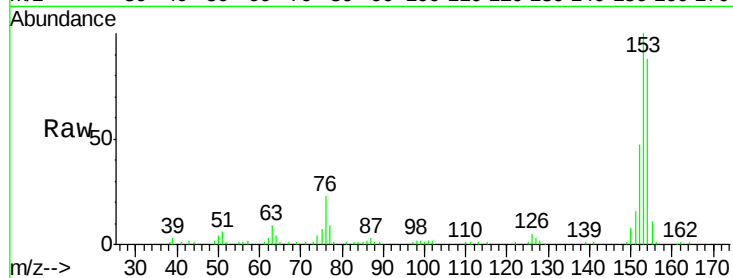
Tgt Ion:154 Resp: 74452

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

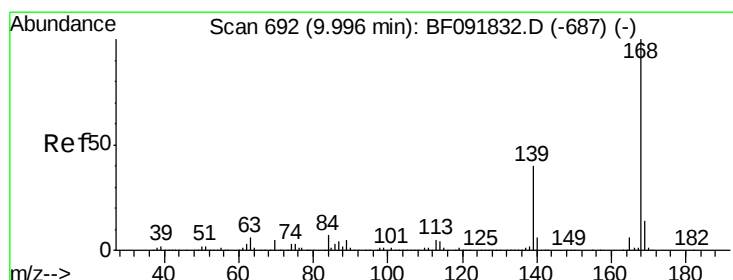
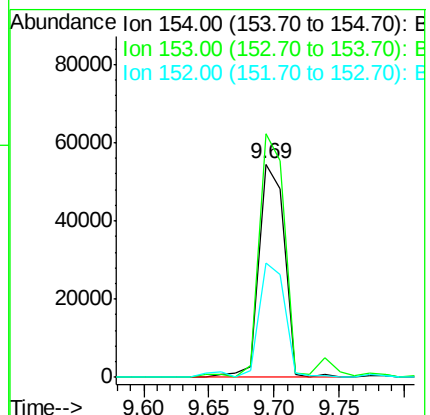
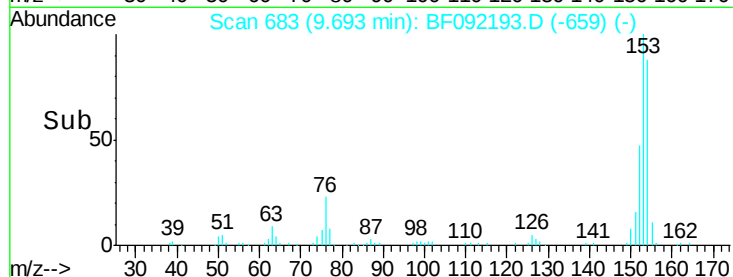
152 53.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.89 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

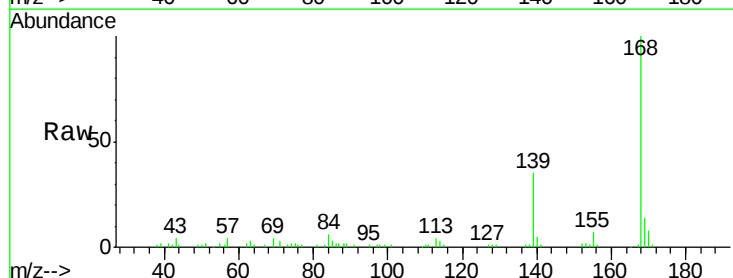
Tgt Ion:168 Resp: 83260

Ion Ratio Lower Upper

168 100

139 34.7 32.6 49.0

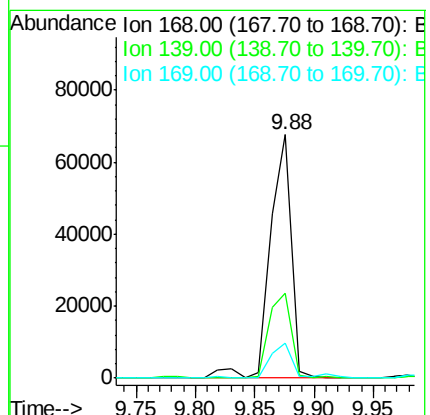
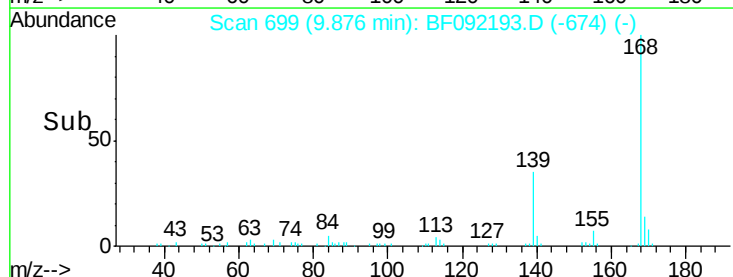
169 14.3 11.3 16.9

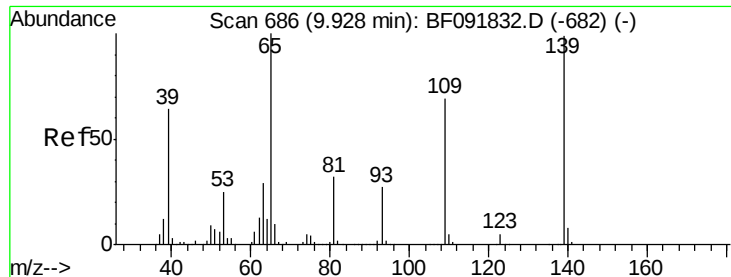


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

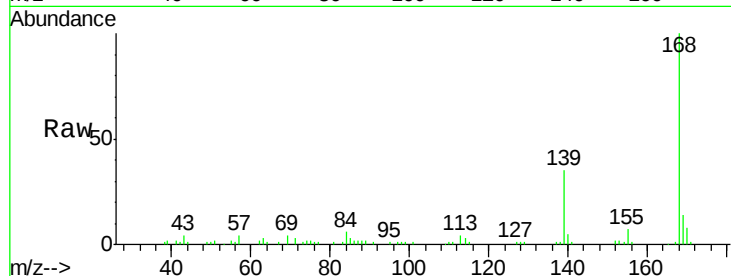




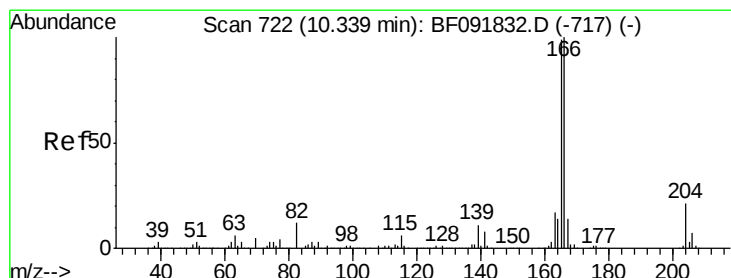
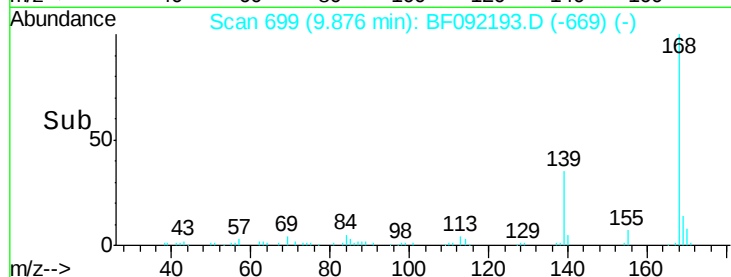
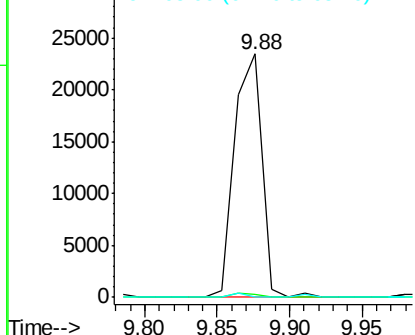
#55
4-Nitrophenol
Concen: 6.92 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF092193.D
Acq: 10 Jan 2017 20:21

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

Tgt Ion:139 Resp: 30757
Ion Ratio Lower Upper
139 100
109 1.3 52.2 92.2#
65 0.0 85.8 125.8#

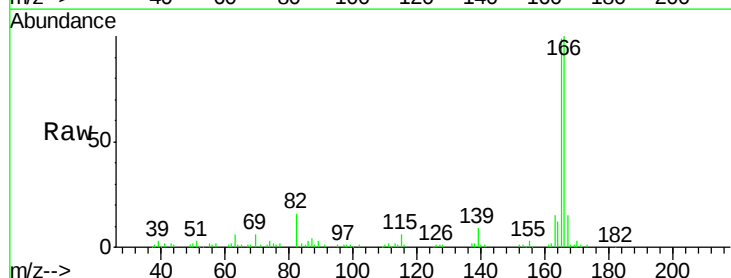


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

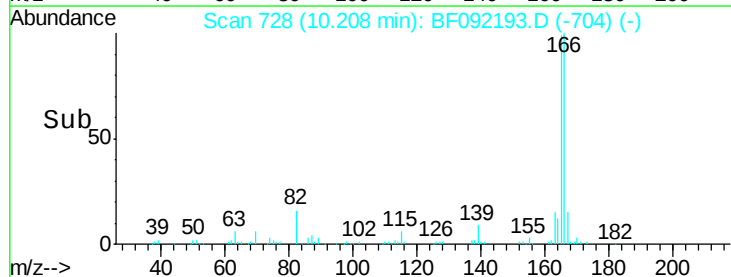
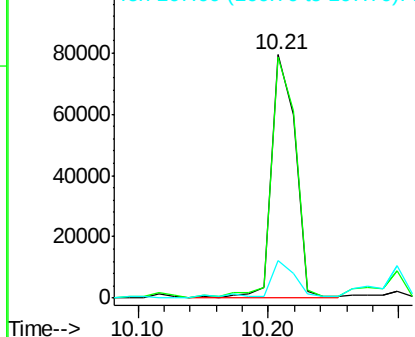


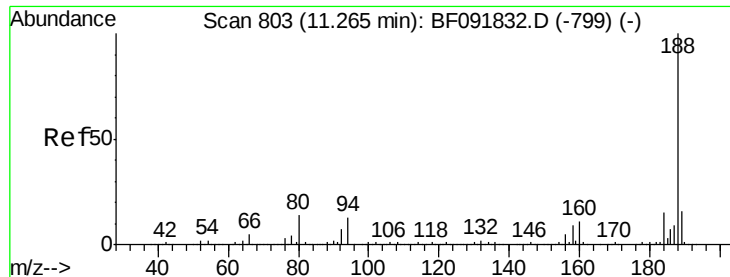
#57
Fluorene
Concen: 4.86 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092193.D
Acq: 10 Jan 2017 20:21

Tgt Ion:166 Resp: 101922
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 15.4 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

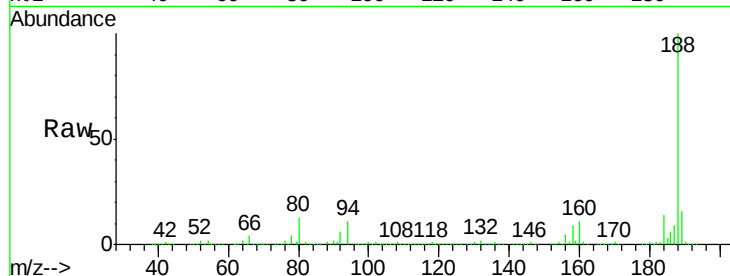




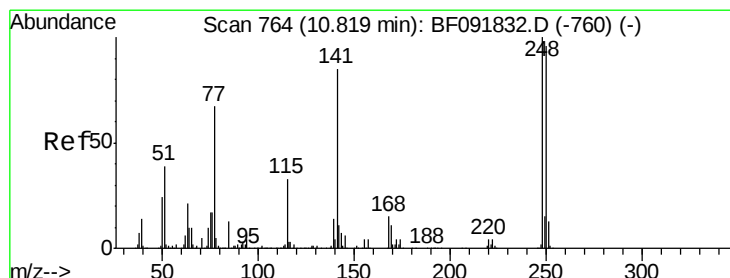
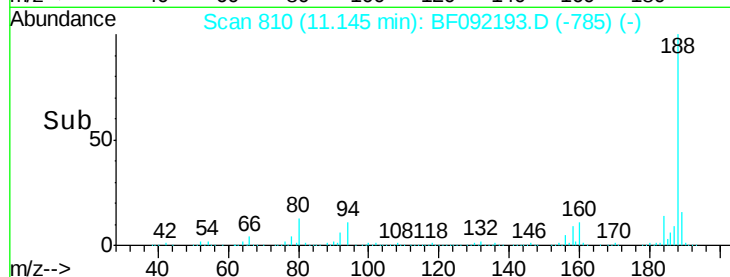
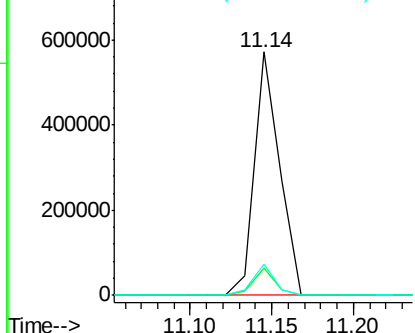
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

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

Tgt Ion:188 Resp: 613039
 Ion Ratio Lower Upper
 188 100
 94 11.4 10.0 15.0
 80 12.6 11.2 16.8

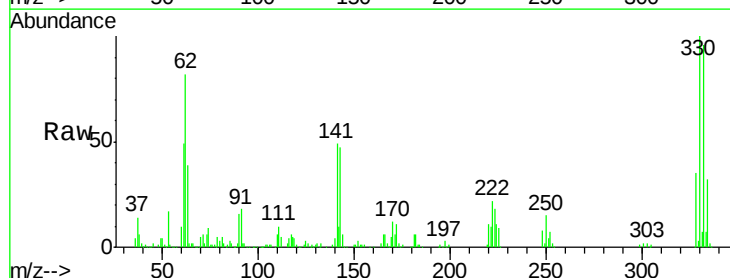


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

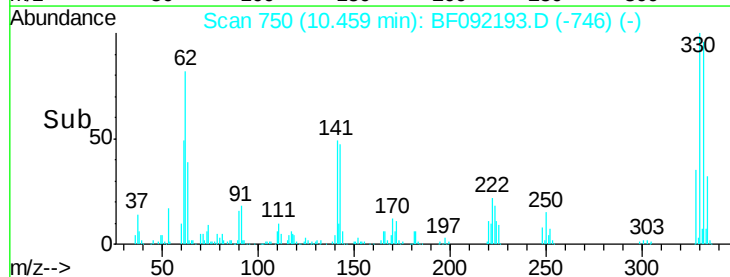
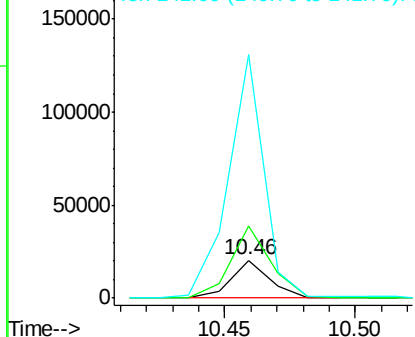


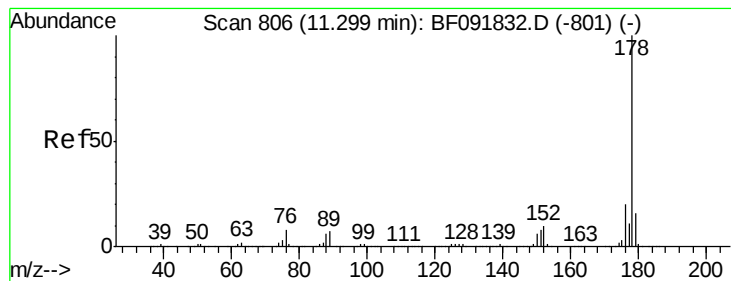
#66
 4-Bromophenyl-phenylether
 Concen: 3.33 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

Tgt Ion:248 Resp: 21265
 Ion Ratio Lower Upper
 248 100
 250 190.4 76.9 115.3#
 141 643.8 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





#70

Phenanthrene

Concen: 15.00 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

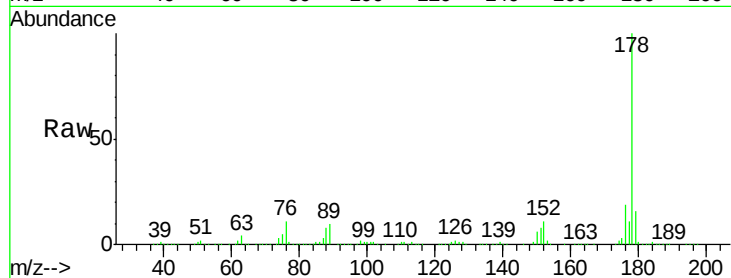
Tgt Ion:178 Resp: 498708

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

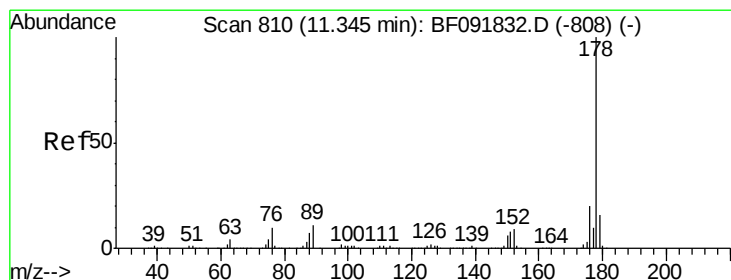
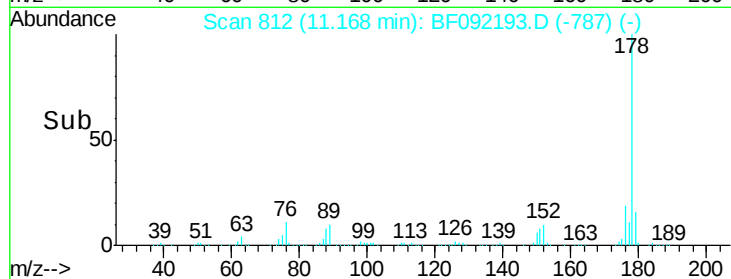
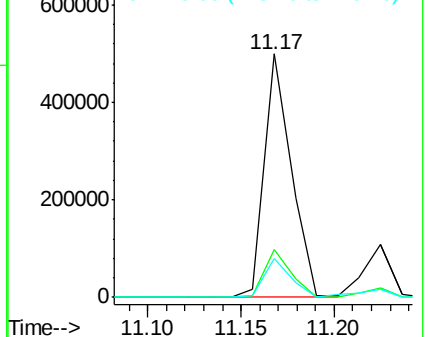
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.25 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

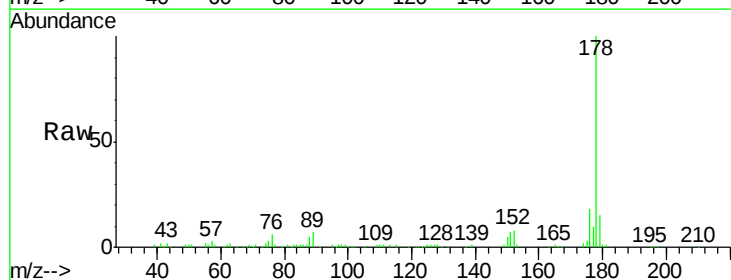
Tgt Ion:178 Resp: 107390

Ion Ratio Lower Upper

178 100

176 18.2 15.9 23.9

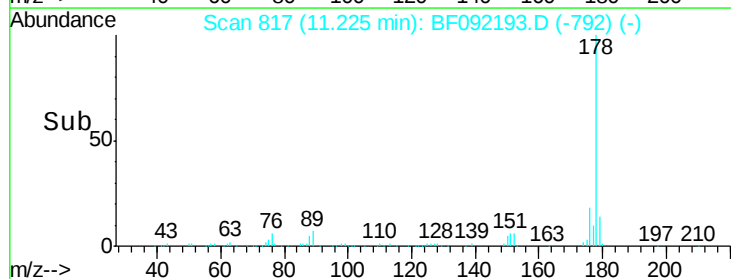
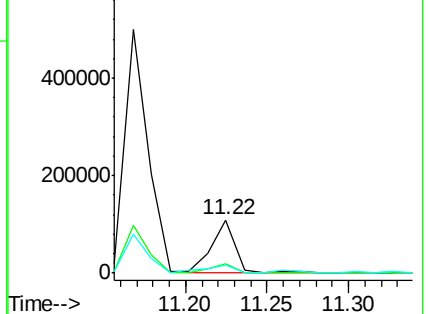
179 14.5 13.2 19.8

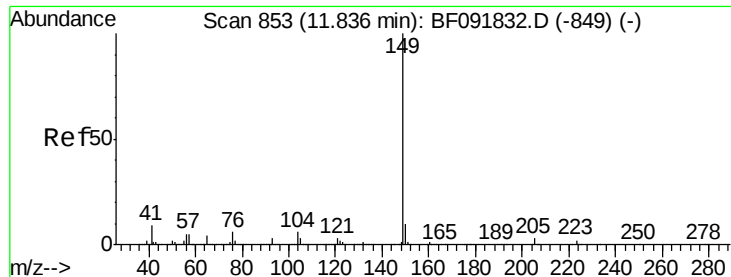


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.72 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

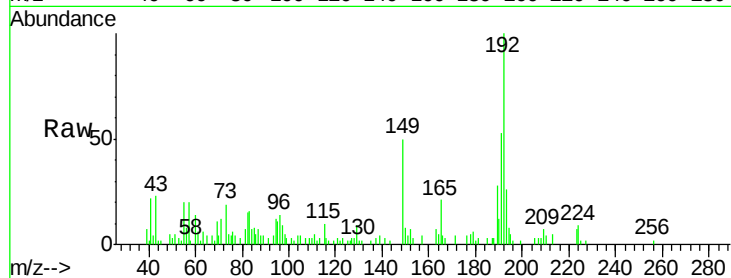
Tgt Ion:149 Resp: 13024

Ion Ratio Lower Upper

149 100

150 15.6 8.1 12.1#

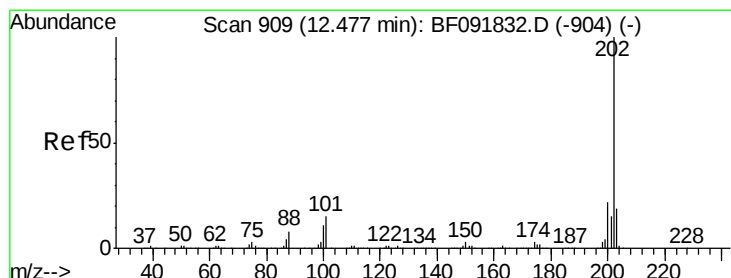
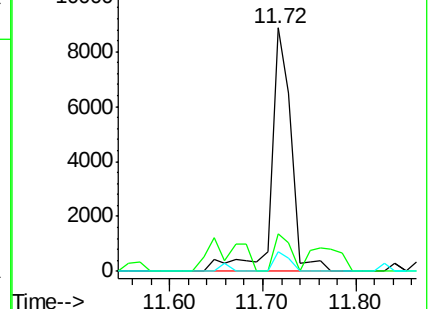
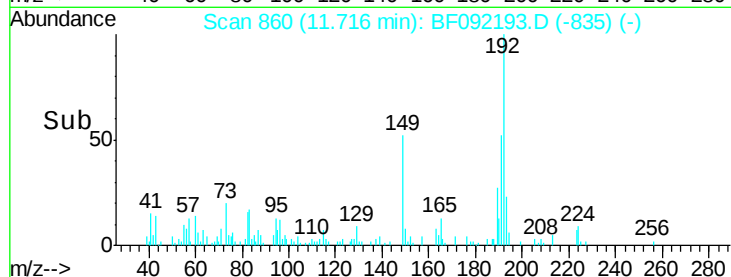
104 7.8 4.6 7.0#



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: 18.55 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

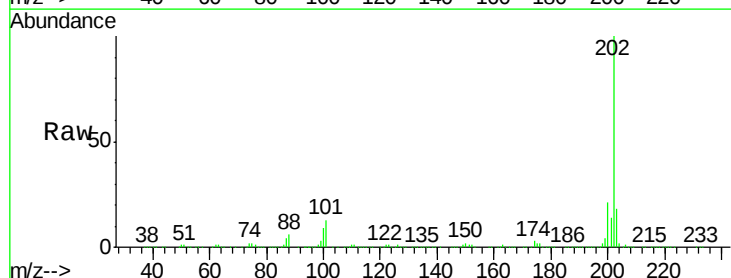
Tgt Ion:202 Resp: 606590

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.6

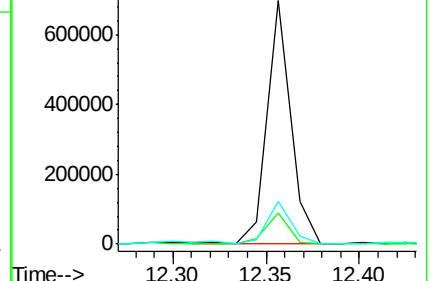
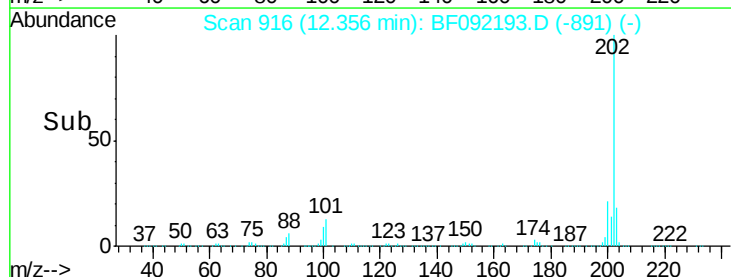
203 17.6 0.0 38.7

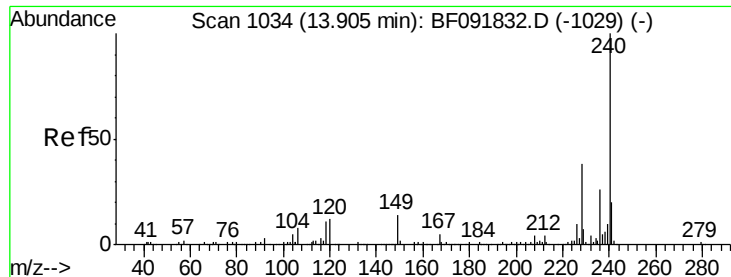


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

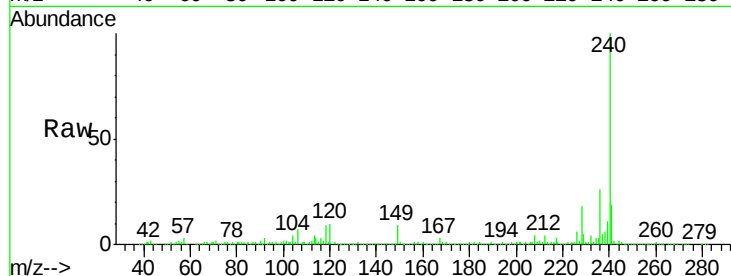
Tgt Ion:240 Resp: 453356

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

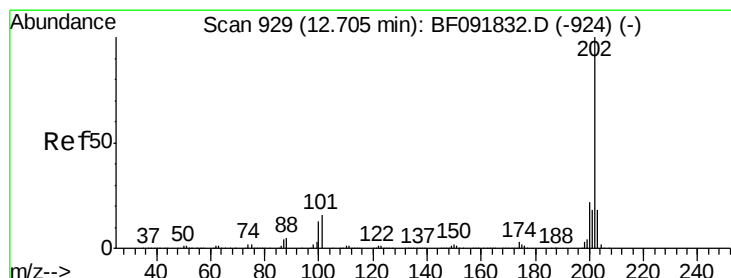
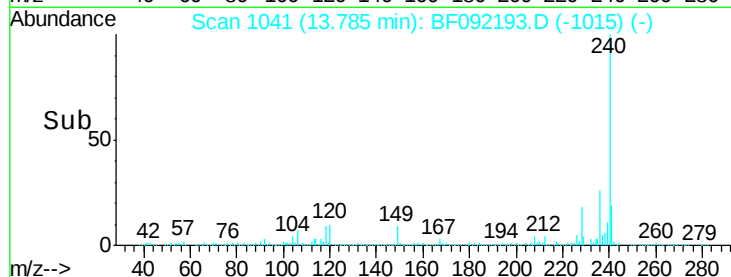
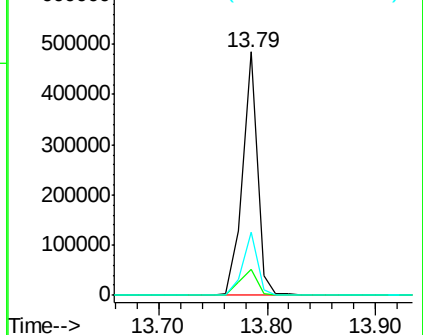
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 24.96 ng

RT: 12.58 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

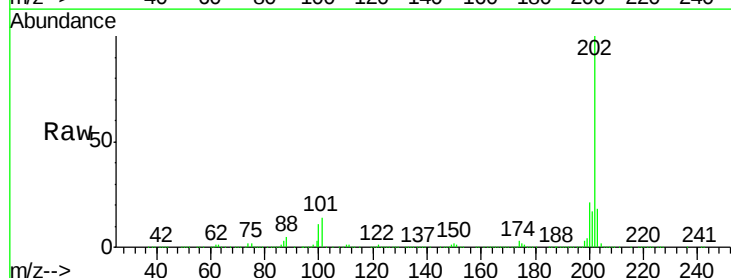
Tgt Ion:202 Resp: 830319

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

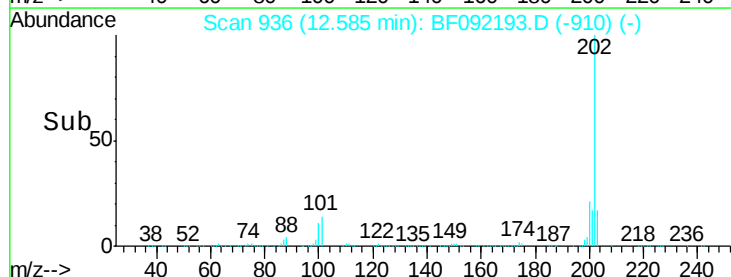
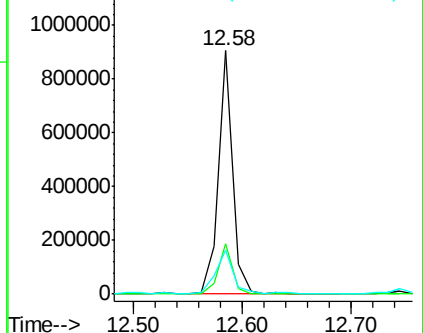
203 17.9 14.7 22.1

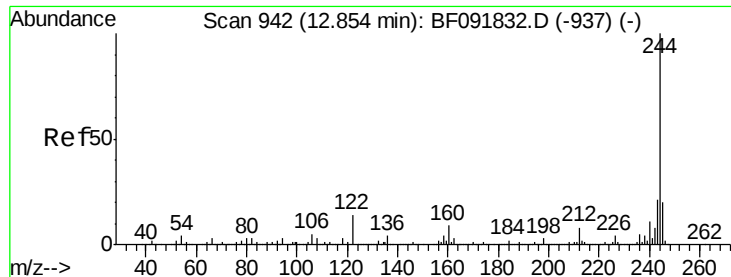


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

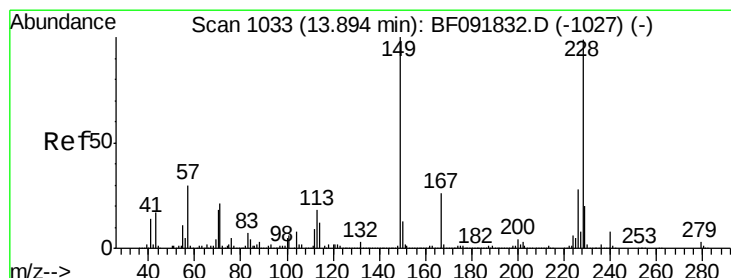
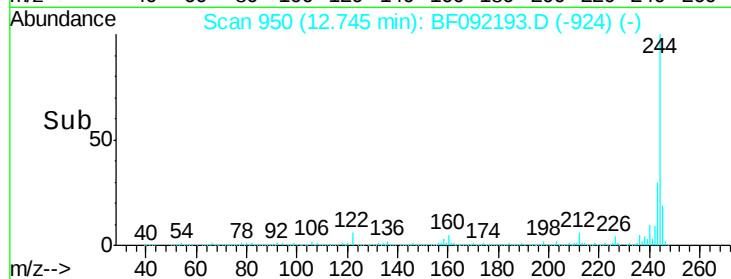
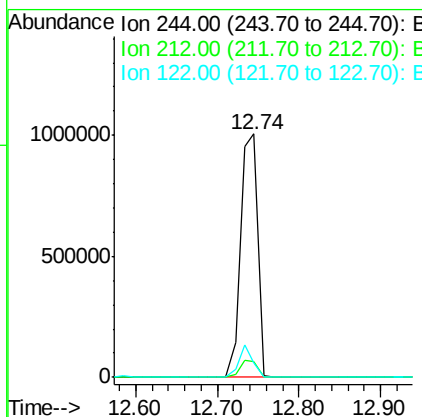
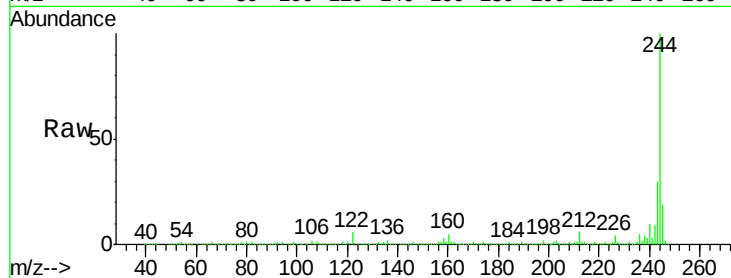




#78
 Terphenyl-d14
 Concen: 77.76 ng
 RT: 12.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

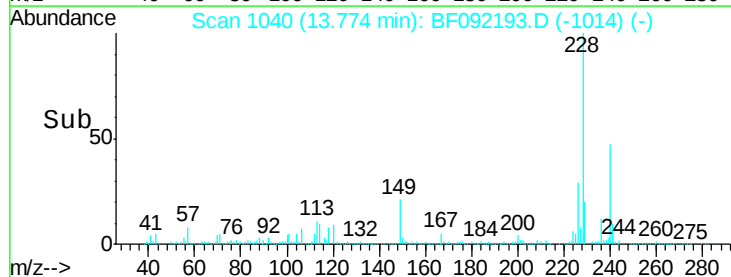
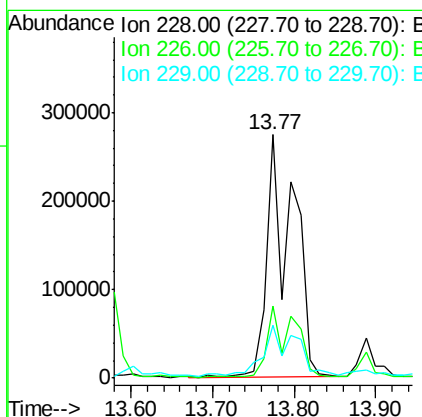
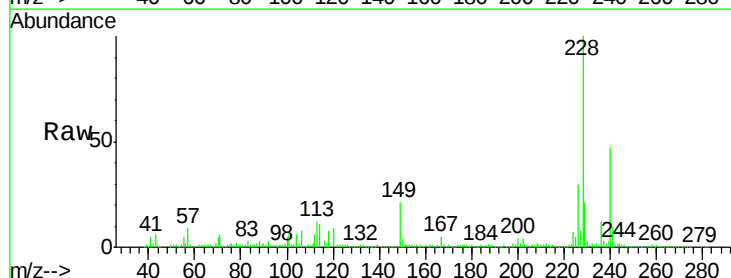
Instrument :
 BNA_F
 ClientSampleId :
 USDOT-617122-COMP-0-2

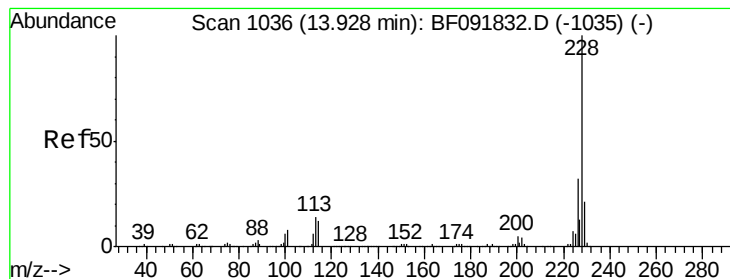
Tgt Ion:244 Resp: 1453608
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.2
 122 5.8 11.4 17.2#



#80
 Benzo(a)anthracene
 Concen: 23.63 ng
 RT: 13.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

Tgt Ion:228 Resp: 604607
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.4 33.6
 229 21.5 16.2 24.4





#82

Chrysene

Concen: 23.47 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

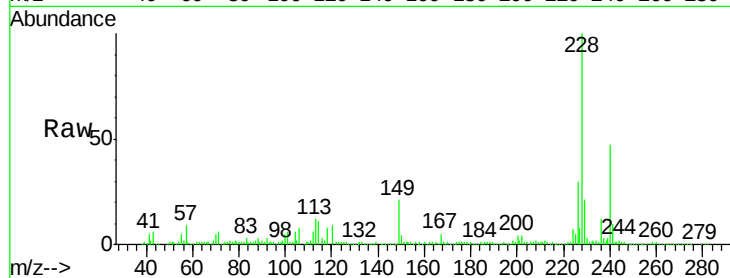
Tgt Ion:228 Resp: 602495

Ion Ratio Lower Upper

228 100

226 29.5 25.4 38.0

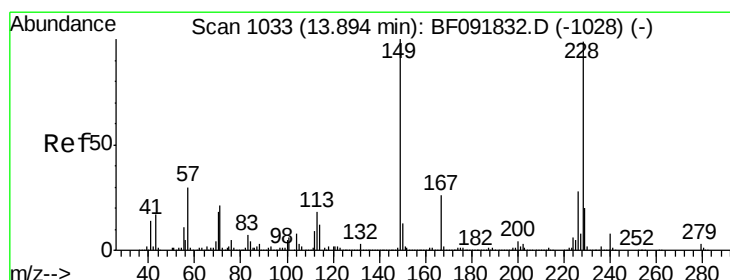
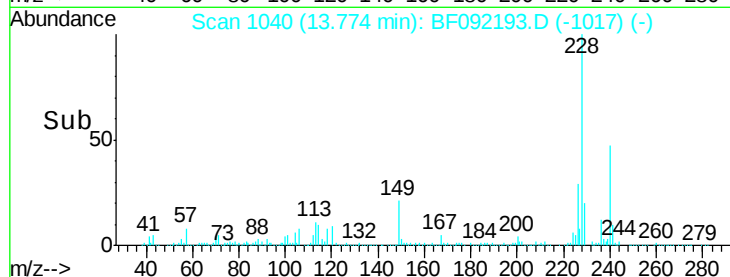
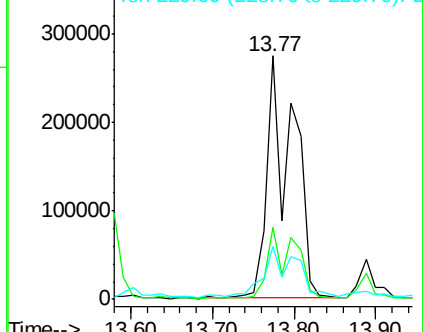
229 21.5 16.2 24.2



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: 4.06 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

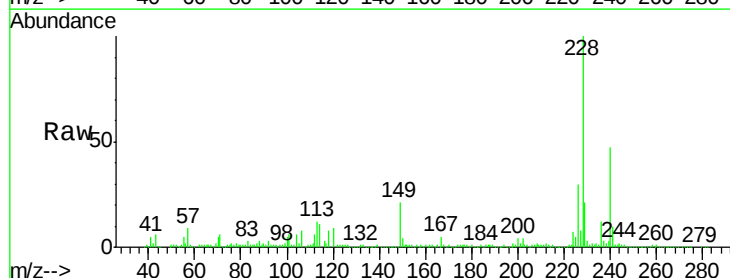
Tgt Ion:149 Resp: 72341

Ion Ratio Lower Upper

149 100

167 24.6 20.2 30.4

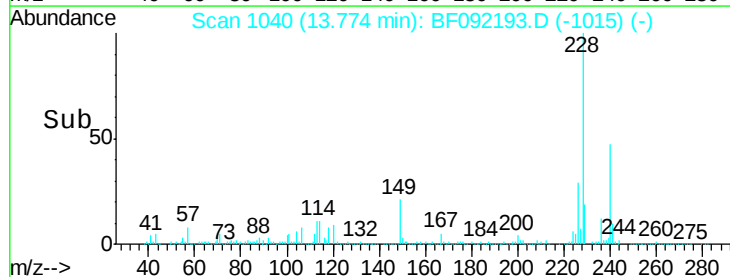
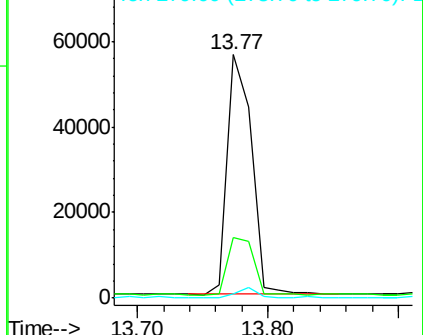
279 1.8 1.8 2.8

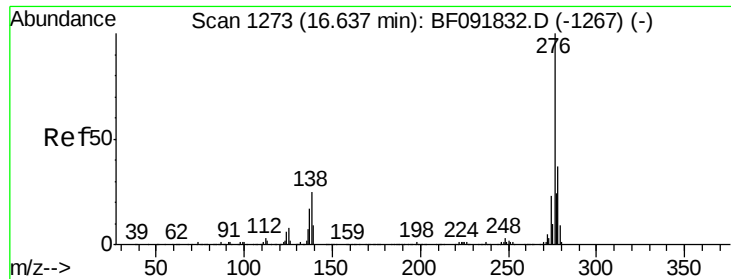


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

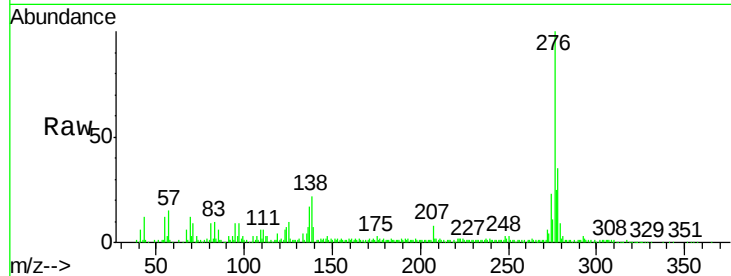




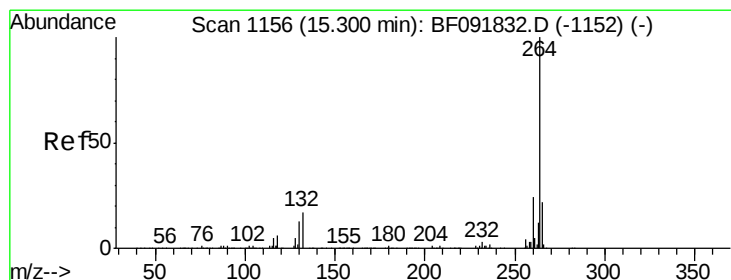
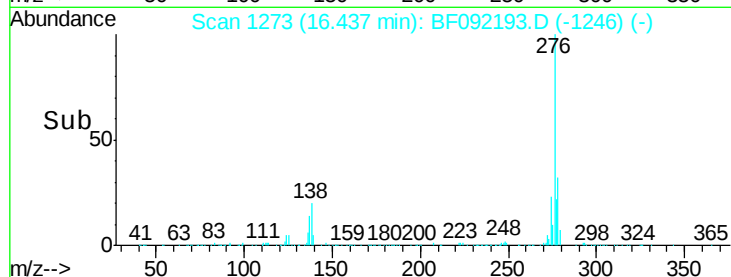
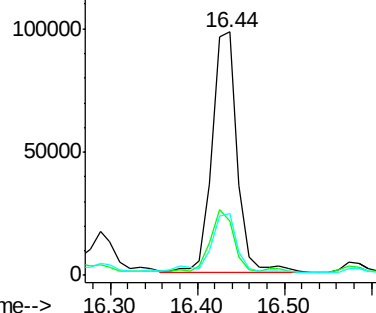
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.90 ng
 RT: 16.44 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.8	32.6
277	26.2	20.2	30.4

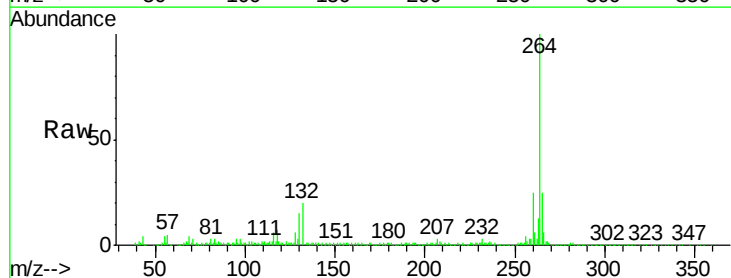


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

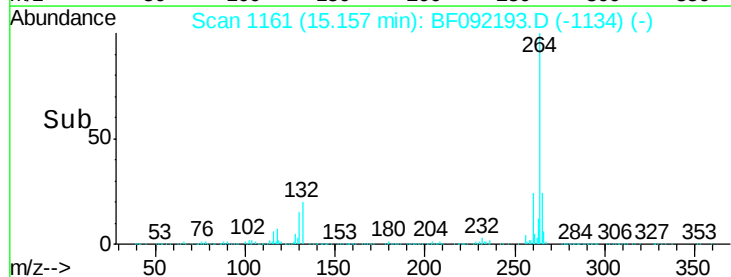
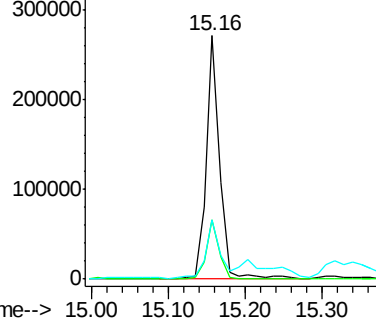


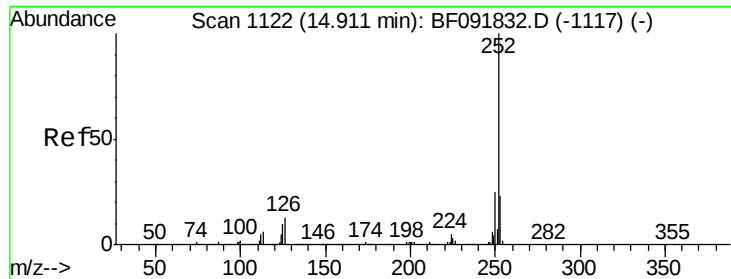
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092193.D
 Acq: 10 Jan 2017 20:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	24.5	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: 39.79 ng

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

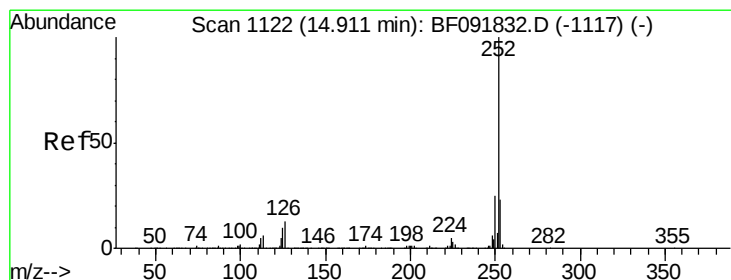
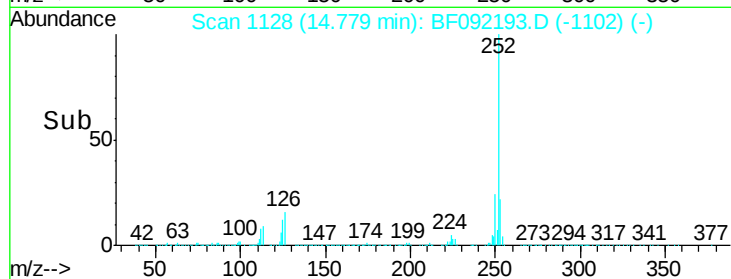
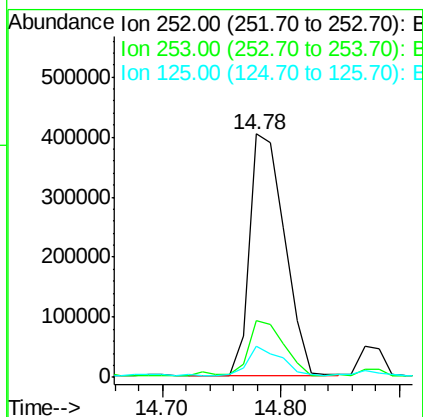
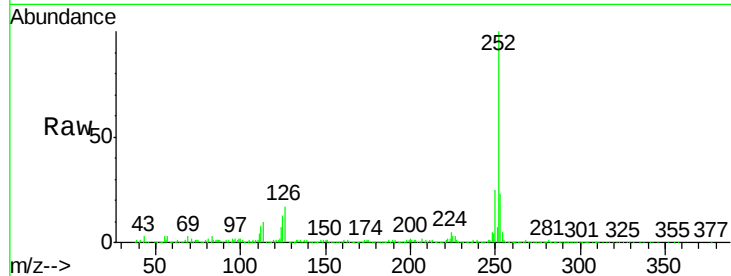
Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

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

Tgt Ion:252 Resp: 827556

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	12.9	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 46.56 ng

RT: 14.78 min Scan# 1128

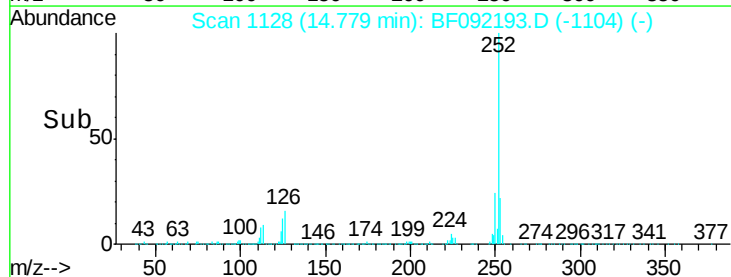
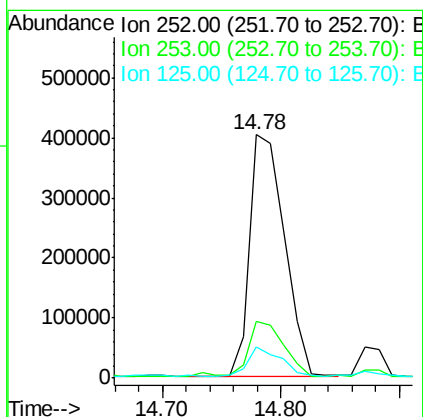
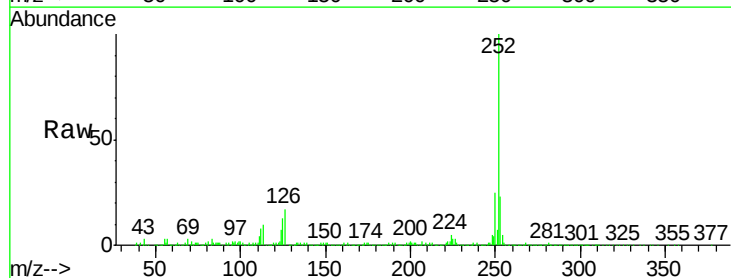
Delta R.T. -0.02 min

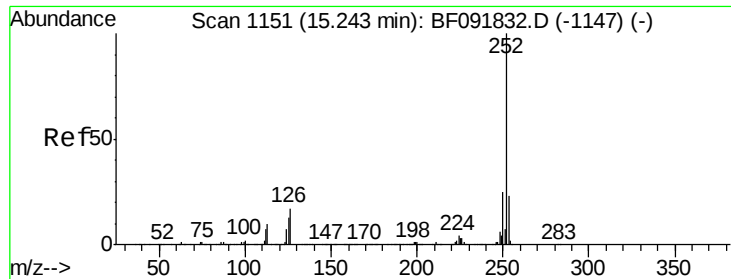
Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Tgt Ion:252 Resp: 825572

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	12.9	8.9	13.3





#89

Benzo(a)pyrene

Concen: 20.53 ng

RT: 15.10 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

Instrument :

BNA_F

ClientSampleId :

USDOT-617122-COMP-0-2

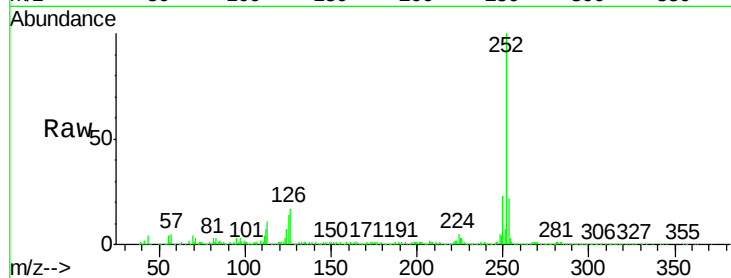
Tgt Ion:252 Resp: 378858

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

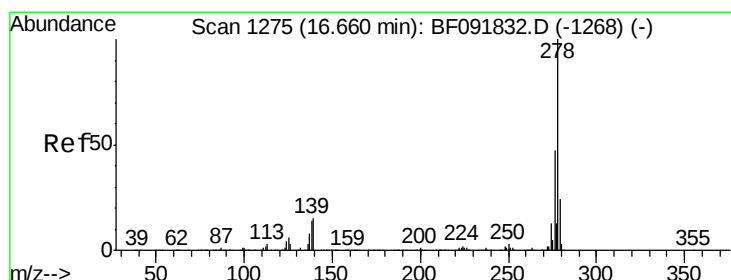
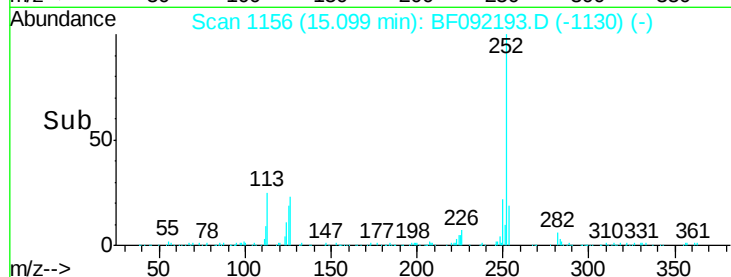
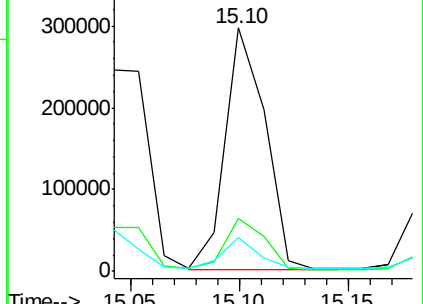
125 13.8 10.0 15.0



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: 4.54 ng

RT: 16.44 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF092193.D

Acq: 10 Jan 2017 20:21

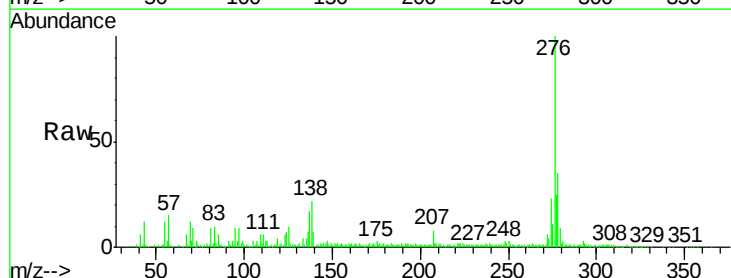
Tgt Ion:278 Resp: 68934

Ion Ratio Lower Upper

278 100

139 20.8 14.8 22.2

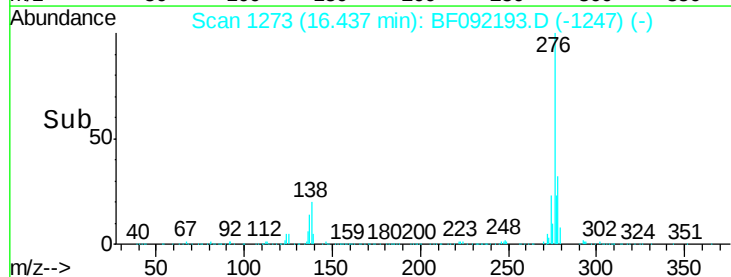
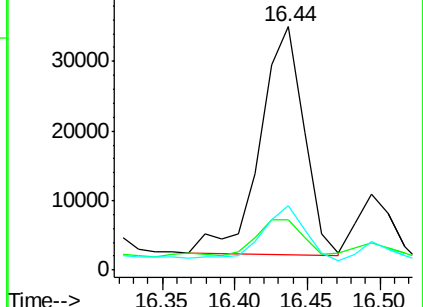
279 26.7 19.8 29.6

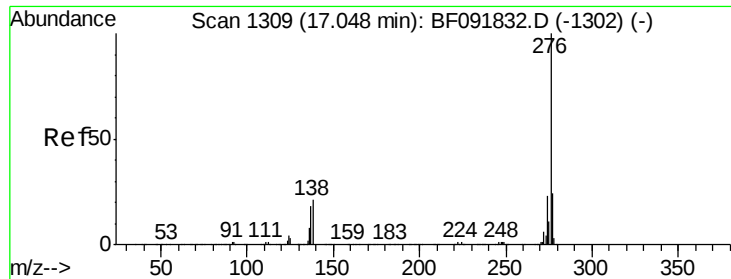


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.83 ng
RT: 16.81 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF092193.D
Acq: 10 Jan 2017 20:21

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	22.1	16.0	24.0

