

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
 Data File : BF088493.D
 Acq On : 28 Jun 2016 22:04
 Operator : UM/SJ
 Sample : H3624-05DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1481(0-4)DL

Quant Time: Jun 29 01:29:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	115409	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	458191	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	211754	20.00	ng	-0.03
63) Phenanthrene-d10	11.03	188	353091	20.00	ng	-0.03
75) Chrysene-d12	13.67	240	212250	20.00	ng	-0.02
86) Perylene-d12	15.02	264	214812	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	313480	46.44	ng	-0.03
7) Phenol-d6	6.18	99	436316	53.33	ng	-0.05
23) Nitrobenzene-d5	7.10	82	247964	31.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	87978	39.35	ng	-0.03
44) 2-Fluorobiphenyl	8.89	172	541288	37.03	ng	-0.03
78) Terphenyl-d14	12.62	244	350952	37.63	ng	-0.02

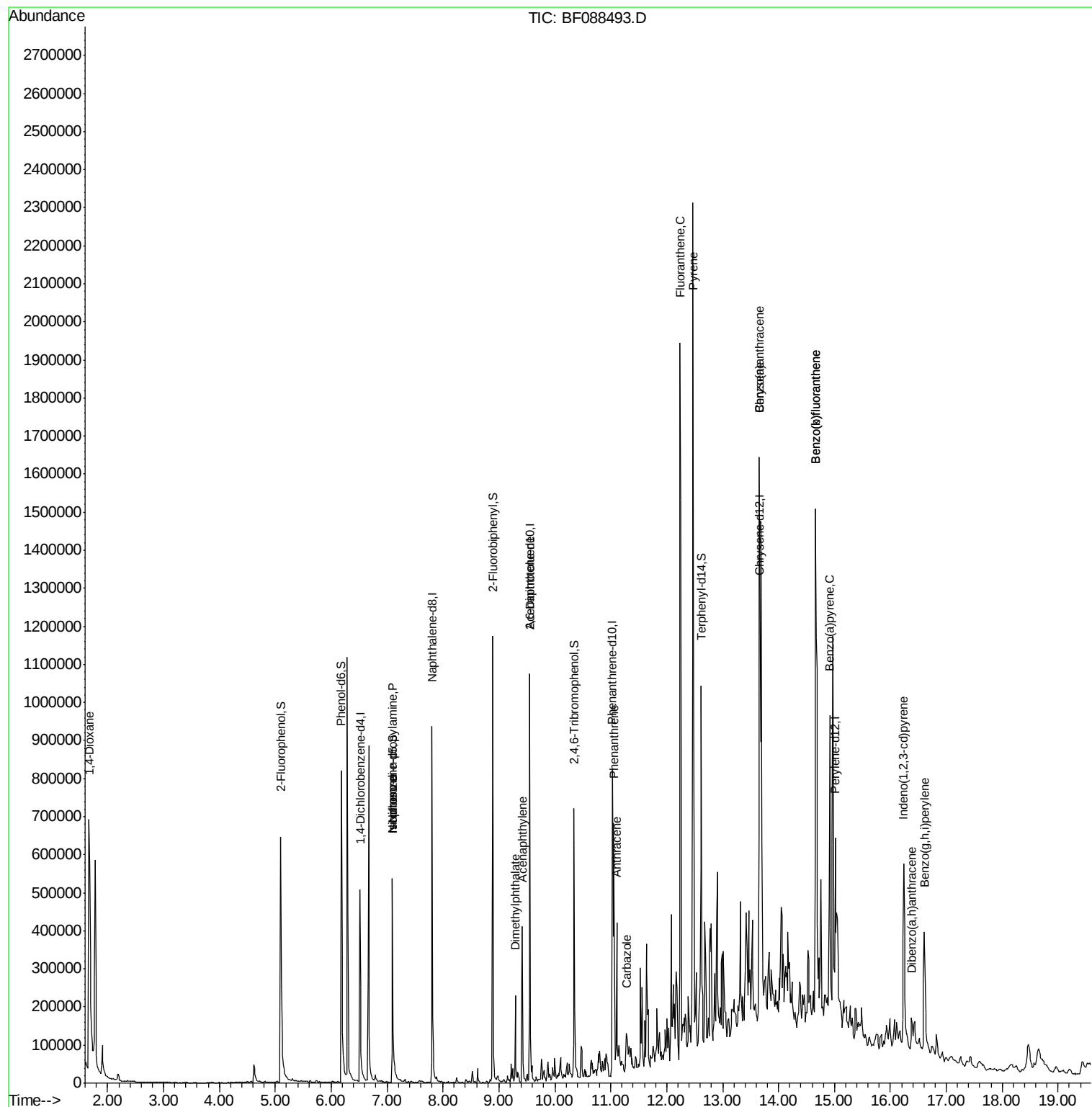
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.67	88	39975	12.19	ng	# 87
10) Phenol	6.20	94	2881	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.10	70	29331	5.60	ng	# 66
25) Isophorone	7.10	82	219509	15.10	ng	# 65
45) 1,1'-Biphenyl	8.99	154	2852	Below Cal		94
48) Acenaphthylene	9.42	152	182369	8.37	ng	99
49) Dimethylphthalate	9.29	163	80085	5.22	ng	99
50) 2,6-Dinitrotoluene	9.55	165	28376	8.08	ng	# 40
57) Fluorene	10.10	166	26233	Below Cal		96
70) Phenanthrene	11.05	178	305324	16.48	ng	98
71) Anthracene	11.11	178	193583	10.36	ng	98
72) Carbazole	11.28	167	43340	2.48	ng	96
74) Fluoranthene	12.24	202	1101464	56.33	ng	98
77) Pyrene	12.47	202	1119927	71.10	ng	99
80) Benzo(a)anthracene	13.66	228	727039	60.11	ng	95
82) Chrysene	13.66	228	727039	63.89	ng	99
85) Indeno(1,2,3-cd)pyrene	16.24	276	302496	28.61	ng	# 100
87) Benzo(b)fluoranthene	14.66	252	1024918	68.45	ng	# 94
88) Benzo(k)fluoranthene	14.66	252	1024918	90.75	ng	99
89) Benzo(a)pyrene	14.91	252	337835	27.89	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	57297	5.09	ng	93
91) Benzo(g,h,i)perylene	16.61	276	248215	21.45	ng	99

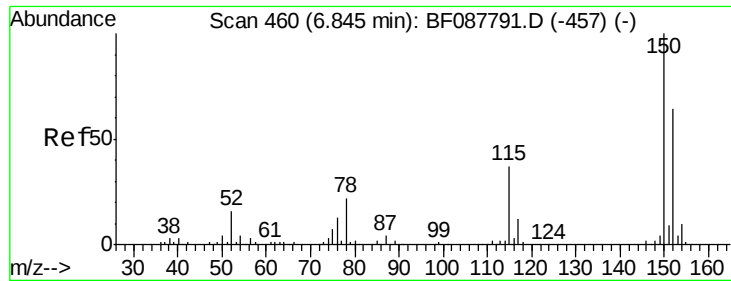
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

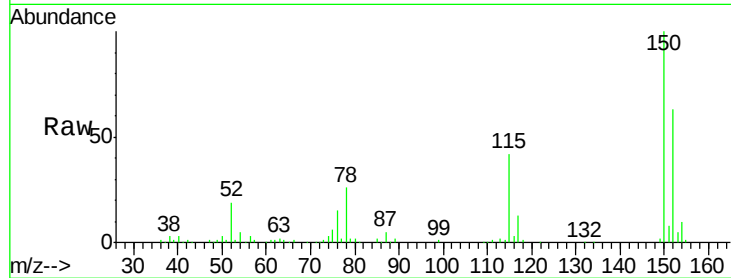
Tgt Ion:152 Resp: 115409

Ion Ratio Lower Upper

152 100

150 158.2 123.8 185.6

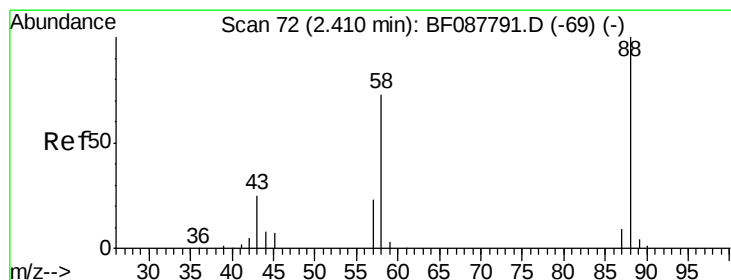
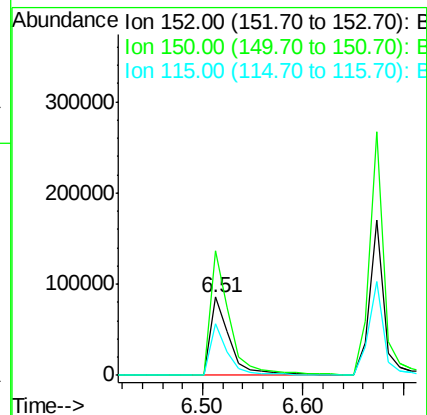
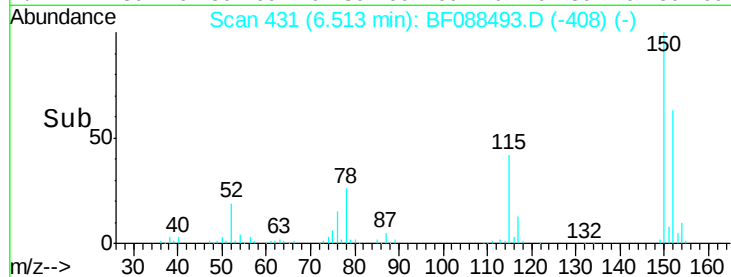
115 66.5 39.6 59.4#



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: 12.19 ng

RT: 1.67 min Scan# 7

Delta R.T. -0.27 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

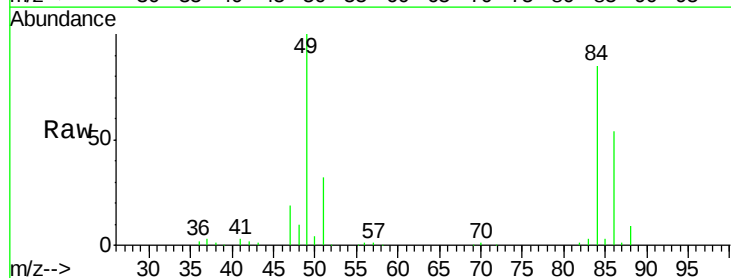
Tgt Ion: 88 Resp: 39975

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

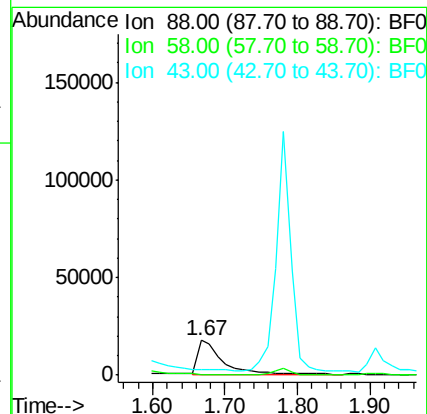
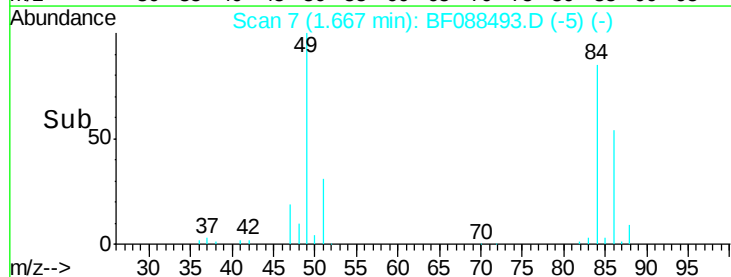
43 0.0 3.4 5.2#

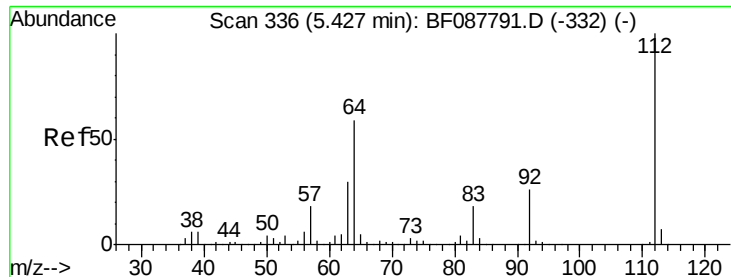


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

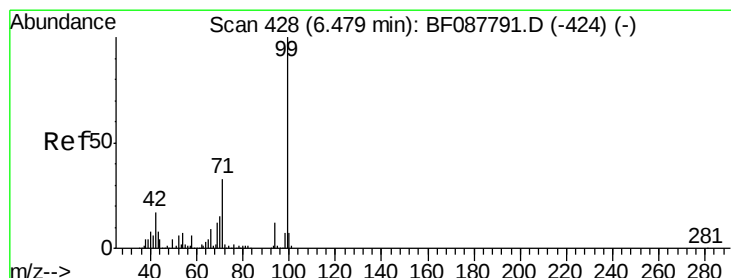
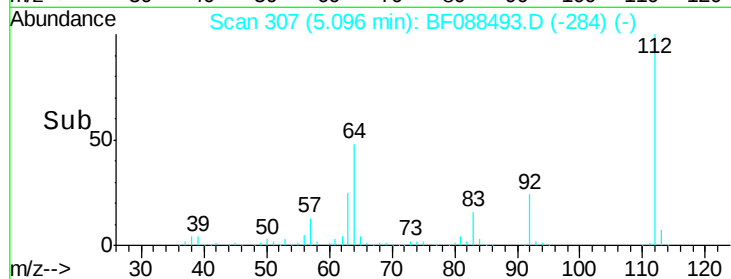
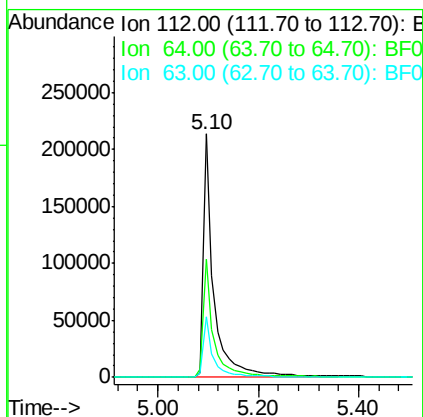
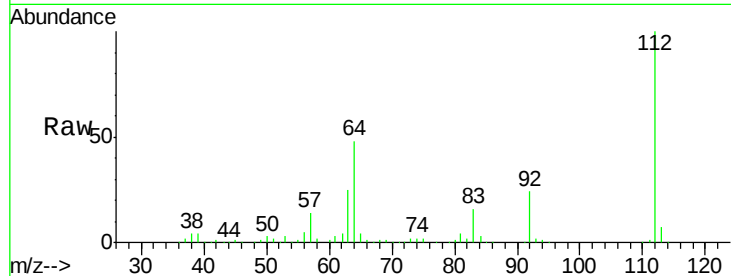




#5
 2-Fluorophenol
 Concen: 46.44 ng
 RT: 5.10 min Scan# 307
 Delta R.T. -0.03 min
 Lab File: BF088493.D
 Acq: 28 Jun 2016 22:04

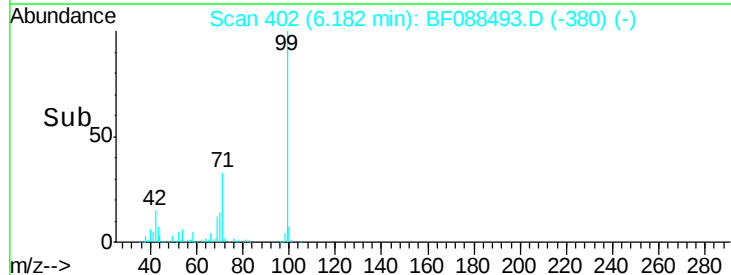
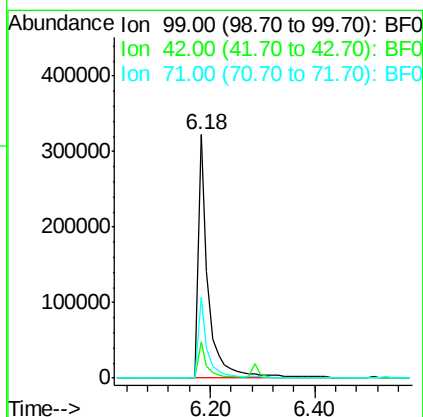
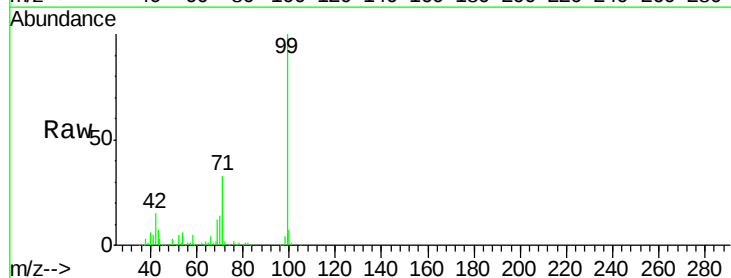
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1481(0-4)DL

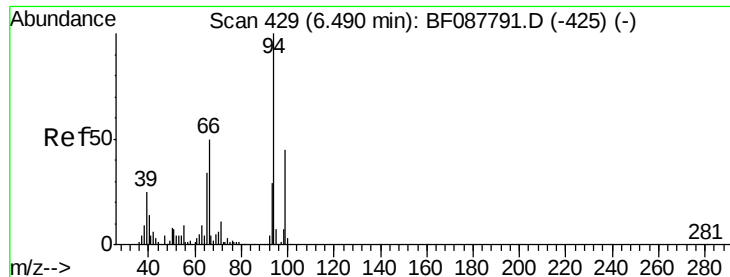
Tgt Ion: 112 Resp: 313480
 Ion Ratio Lower Upper
 112 100
 64 48.4 42.2 63.2
 63 24.7 21.8 32.8



#7
 Phenol-d6
 Concen: 53.33 ng
 RT: 6.18 min Scan# 402
 Delta R.T. -0.05 min
 Lab File: BF088493.D
 Acq: 28 Jun 2016 22:04

Tgt Ion: 99 Resp: 436316
 Ion Ratio Lower Upper
 99 100
 42 14.8 12.2 18.2
 71 33.4 23.4 35.0





#10

Phenol

Concen: Below Cal

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

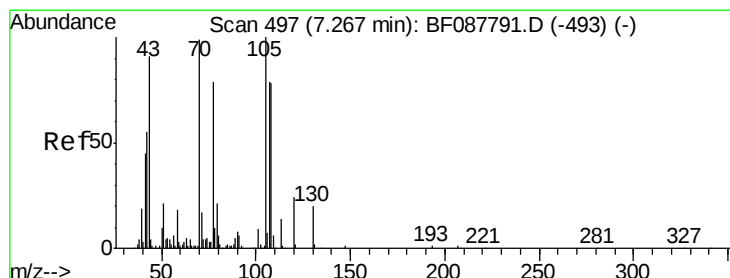
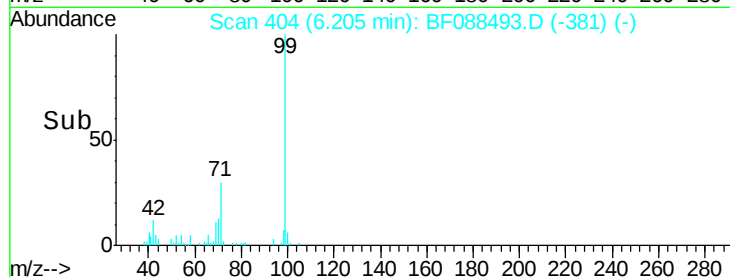
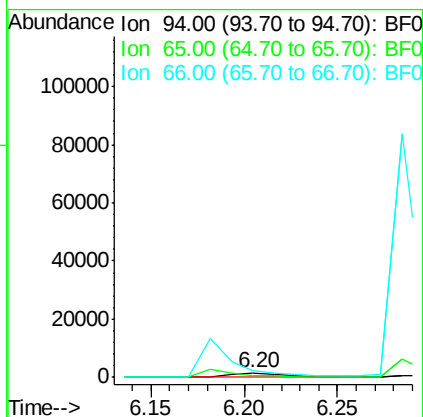
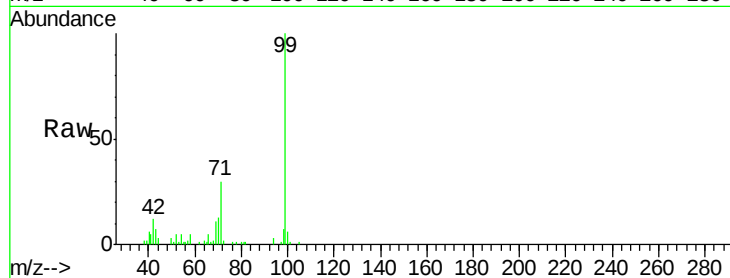
Tgt Ion: 94 Resp: 2881

Ion Ratio Lower Upper

94 100

65 49.8 5.9 45.9#

66 158.6 14.0 54.0#



#19

n-Nitroso-di-n-propylamine

Concen: 5.60 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Tgt Ion: 70 Resp: 29331

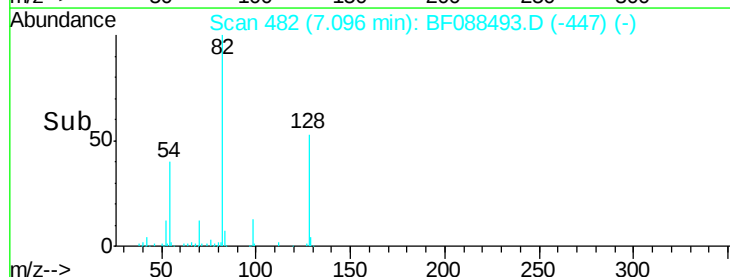
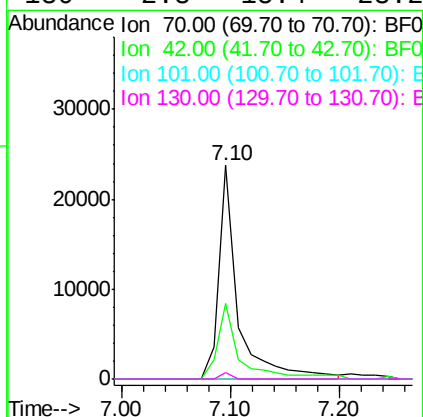
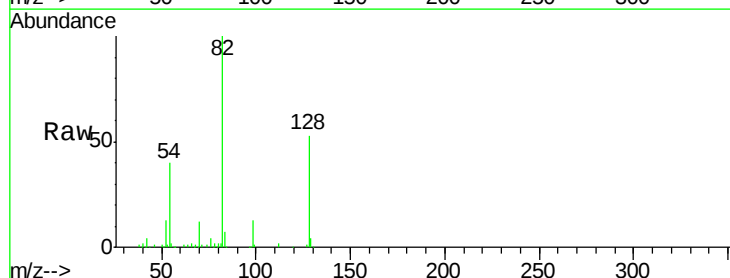
Ion Ratio Lower Upper

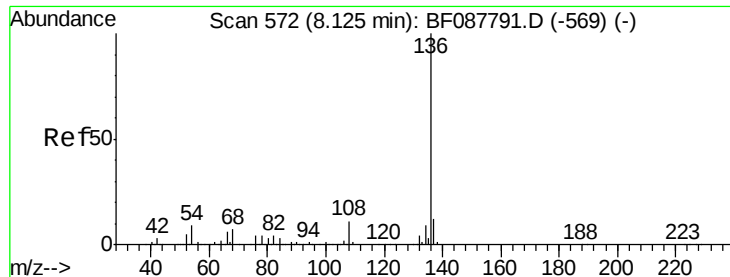
70 100

42 35.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

Tgt Ion: 136 Resp: 458191

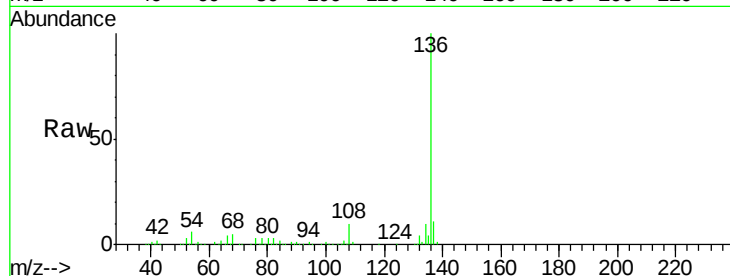
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.1 6.6 10.0#

68 5.3 5.1 7.7

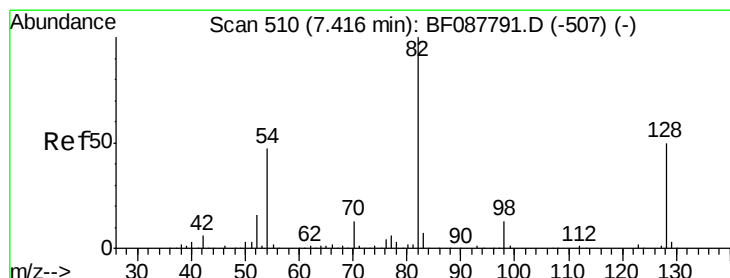
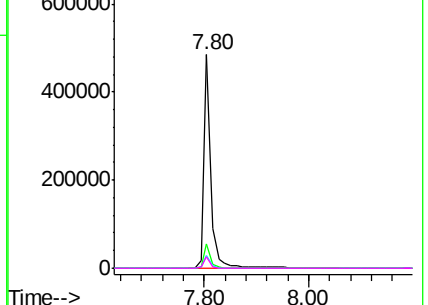
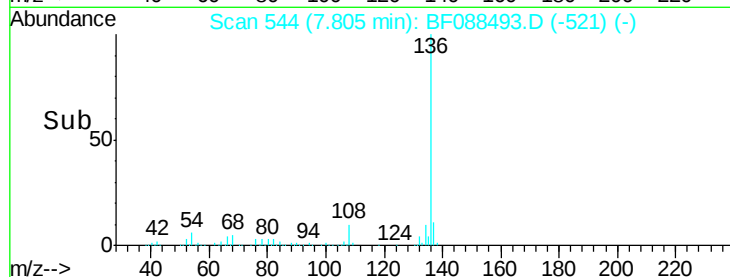


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 31.60 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

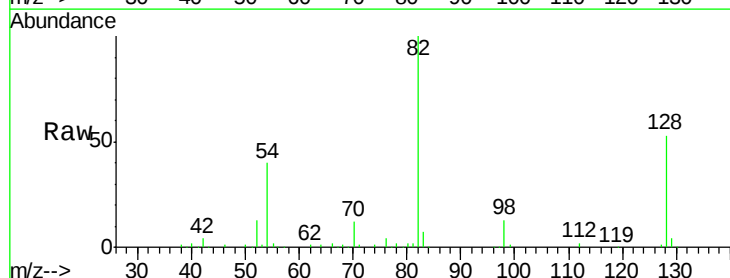
Tgt Ion: 82 Resp: 247964

Ion Ratio Lower Upper

82 100

128 53.2 35.9 53.9

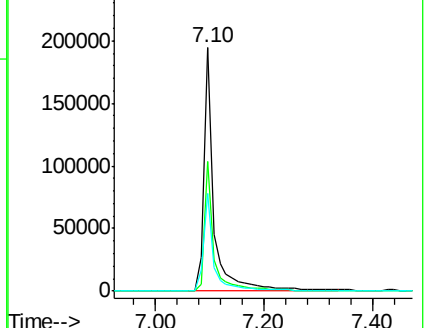
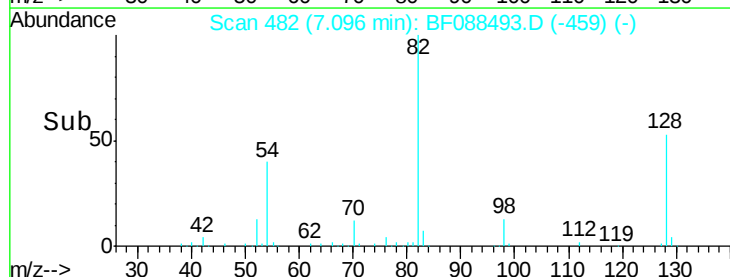
54 40.0 40.9 61.3#

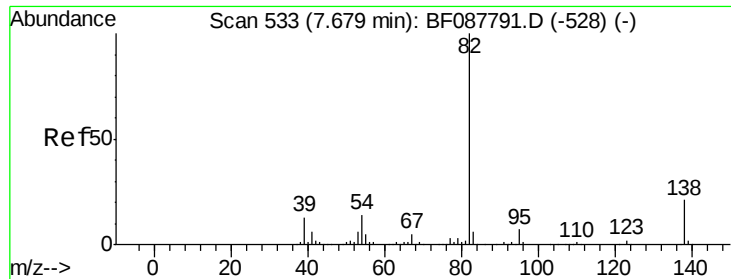


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 15.10 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF088493.D

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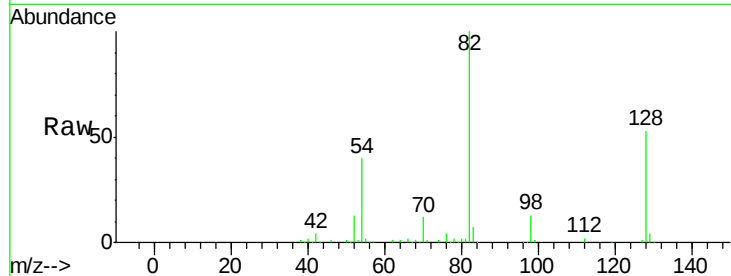
Tgt Ion: 82 Resp: 219509

Ion Ratio Lower Upper

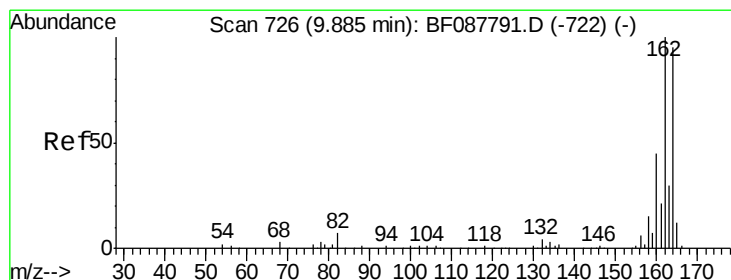
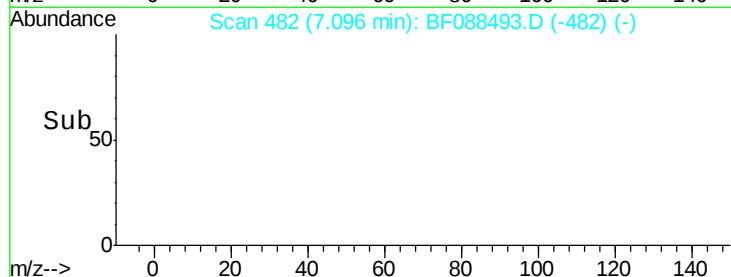
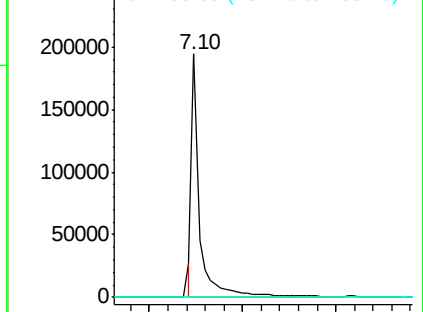
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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: 9.55 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

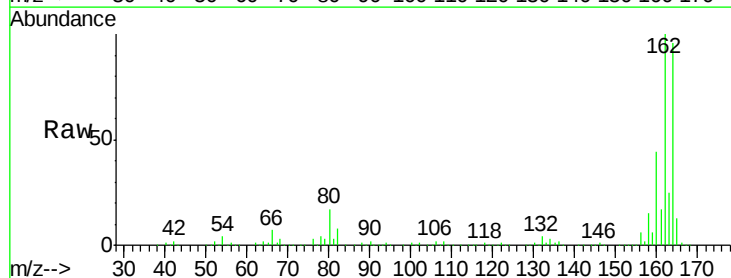
Tgt Ion: 164 Resp: 211754

Ion Ratio Lower Upper

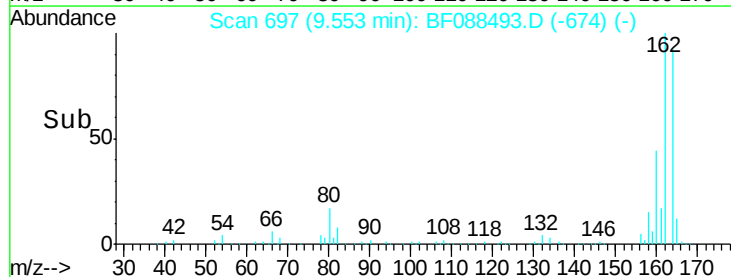
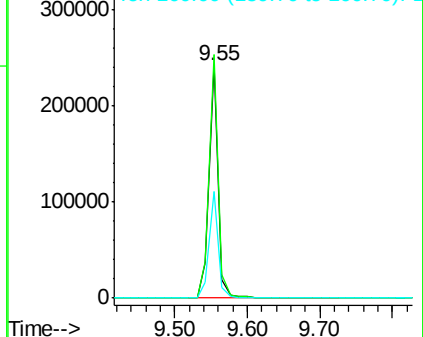
164 100

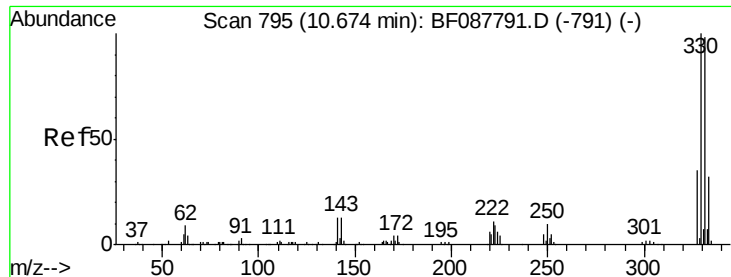
162 104.4 85.4 128.2

160 45.8 39.5 59.3



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: 39.35 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

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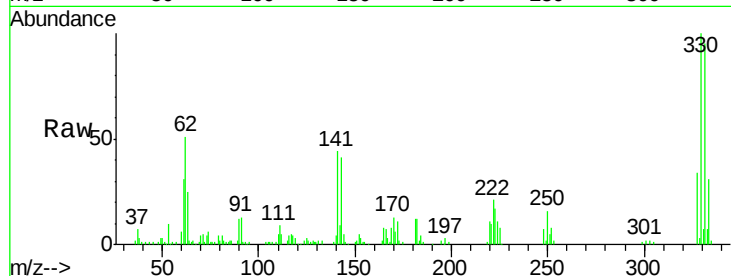
Tgt Ion:330 Resp: 87978

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

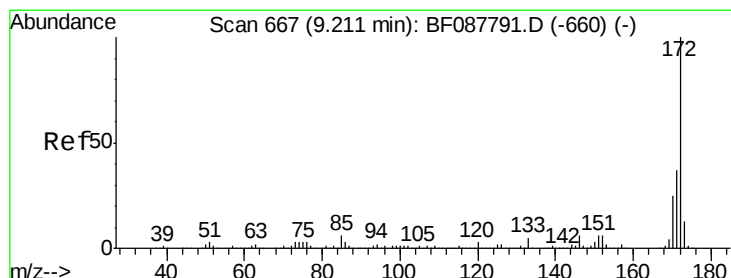
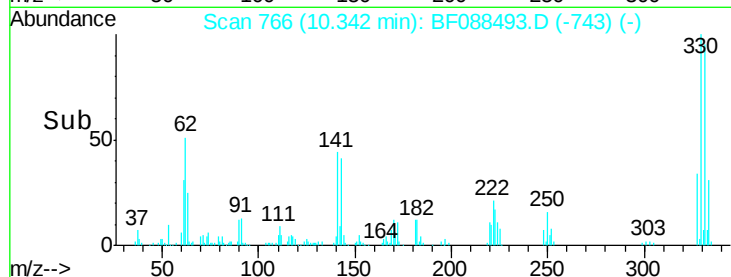
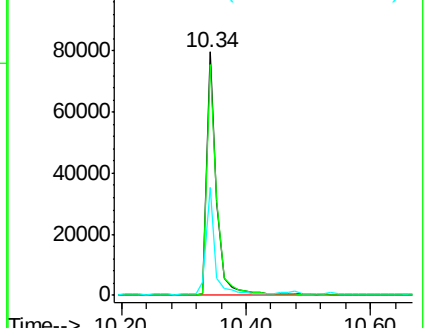
141 38.9 0.0 0.0#



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: 37.03 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

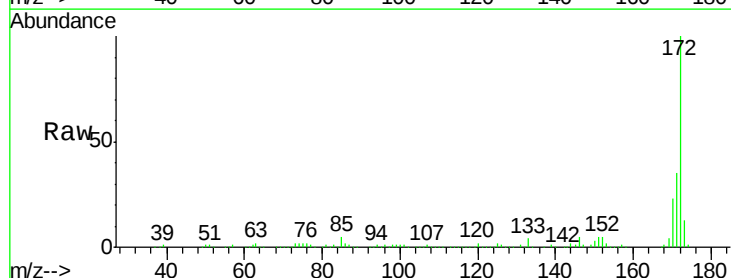
Tgt Ion:172 Resp: 541288

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

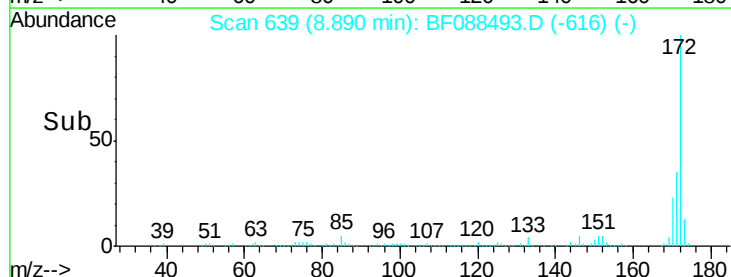
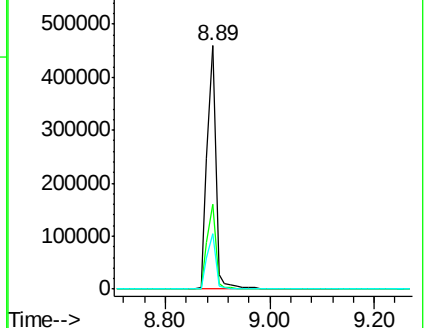
170 22.8 19.2 28.8

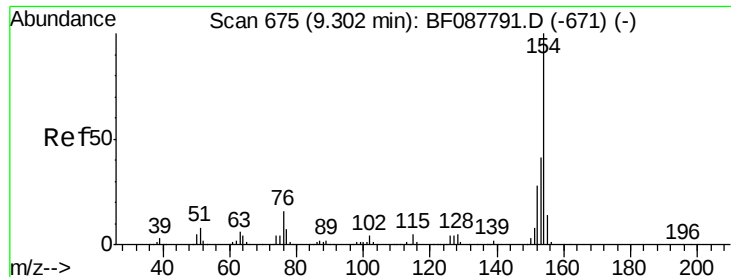


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 8.99 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

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SC-STA-1481(0-4)DL

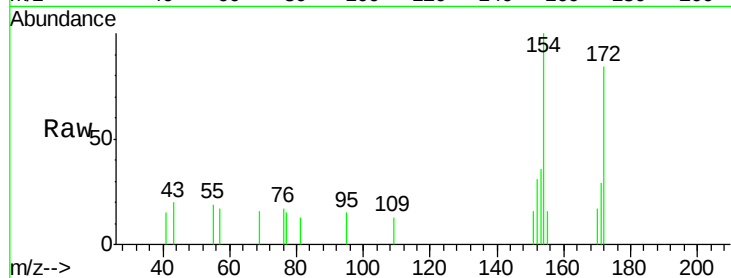
Tgt Ion:154 Resp: 2852

Ion Ratio Lower Upper

154 100

153 36.3 20.6 60.6

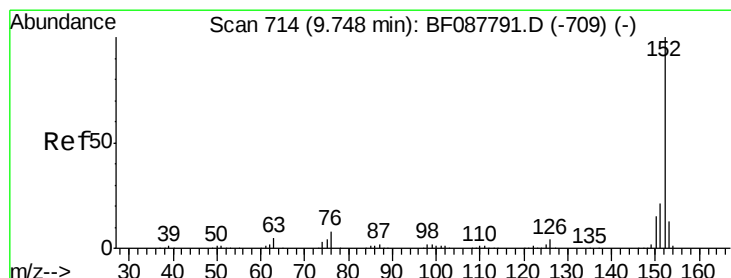
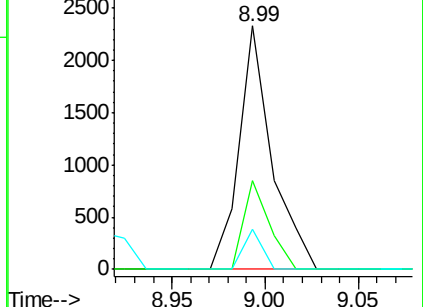
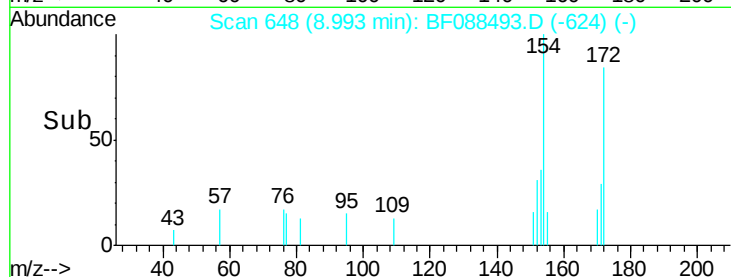
76 16.5 0.0 35.1



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



#48

Acenaphthylene

Concen: 8.37 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

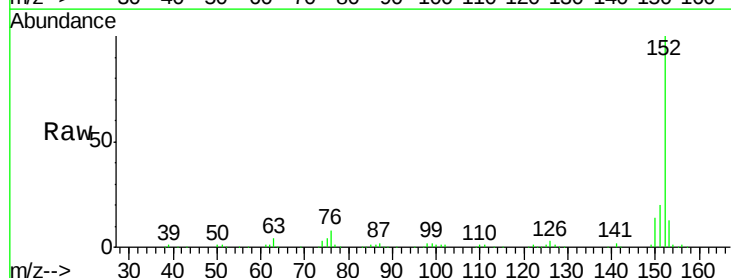
Tgt Ion:152 Resp: 182369

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4

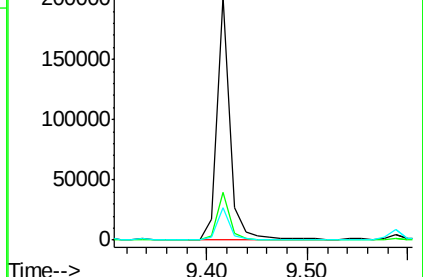
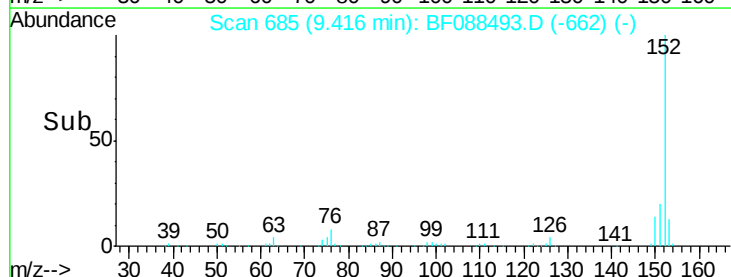
153 13.3 11.0 16.6

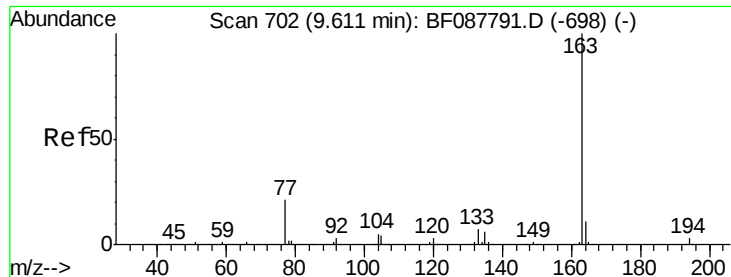


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 5.22 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

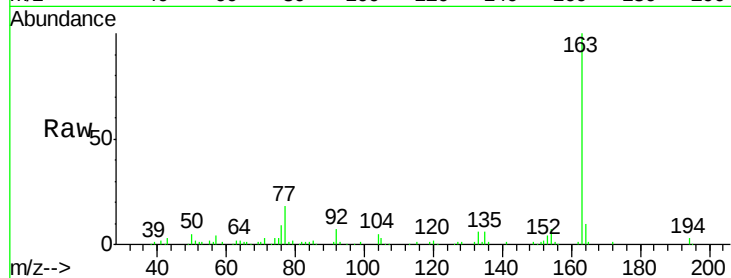
Tgt Ion:163 Resp: 80085

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

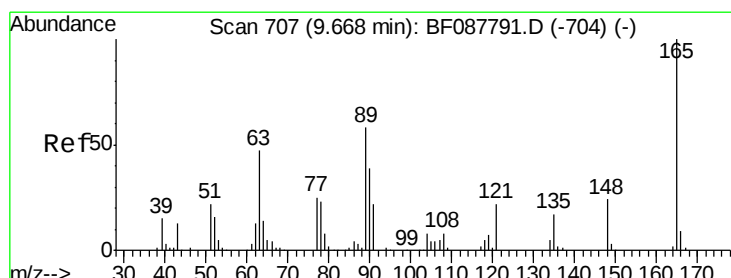
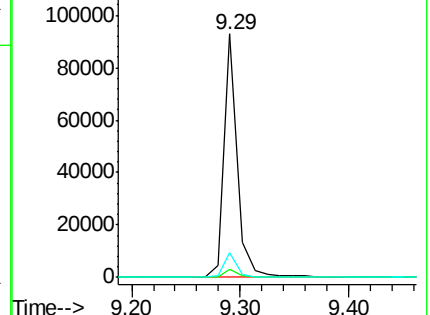
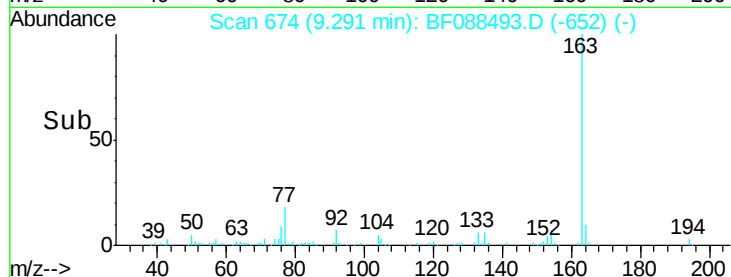
164 9.9 8.3 12.5



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: 8.08 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.16 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

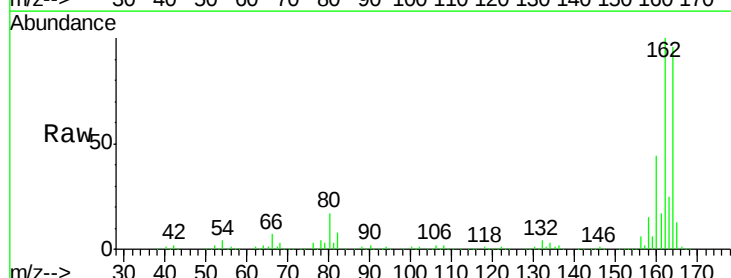
Tgt Ion:165 Resp: 28376

Ion Ratio Lower Upper

165 100

63 1.5 28.1 42.1#

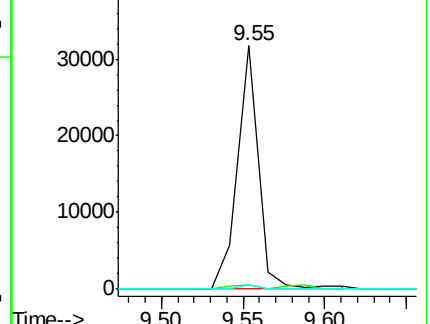
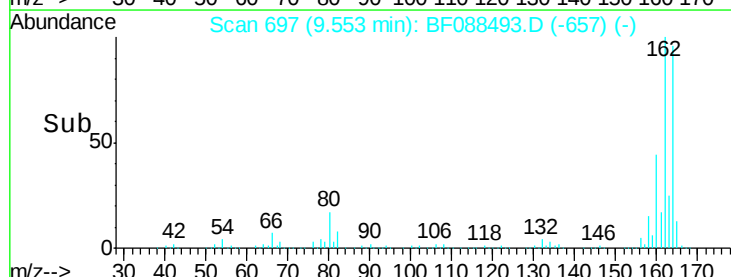
89 1.8 32.2 48.2#

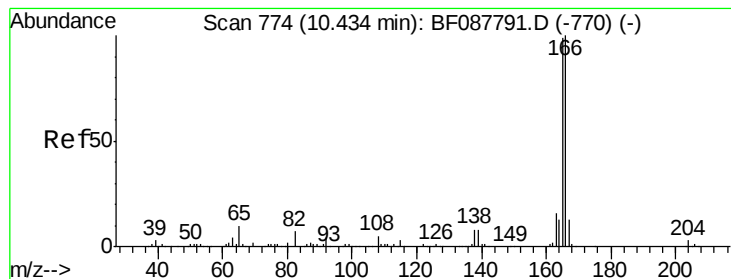


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#57

Fluorene

Concen: Below Cal

RT: 10.10 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

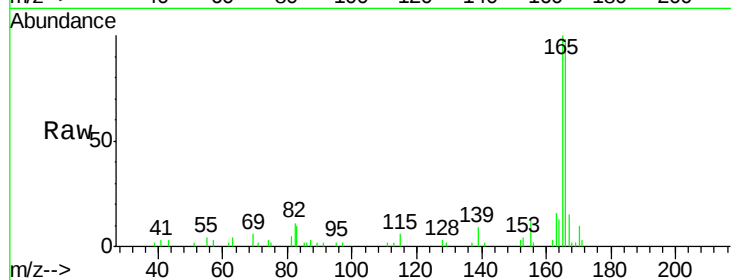
Tgt Ion:166 Resp: 26233

Ion Ratio Lower Upper

166 100

165 101.8 77.8 116.8

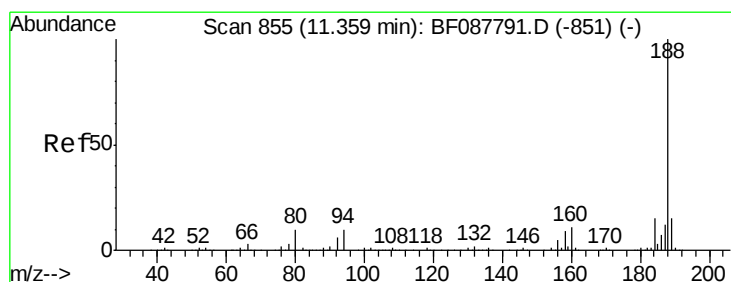
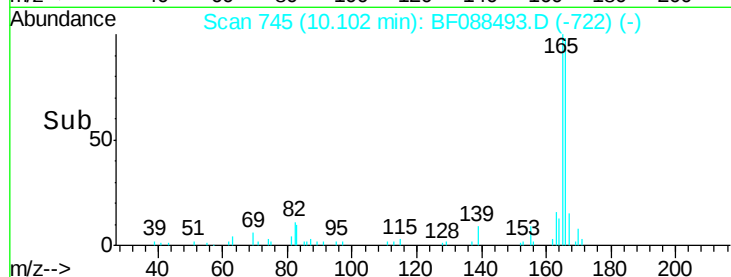
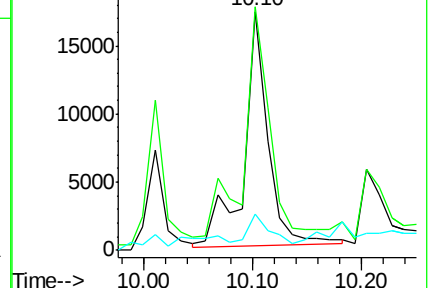
167 15.0 11.2 16.8



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: 11.03 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

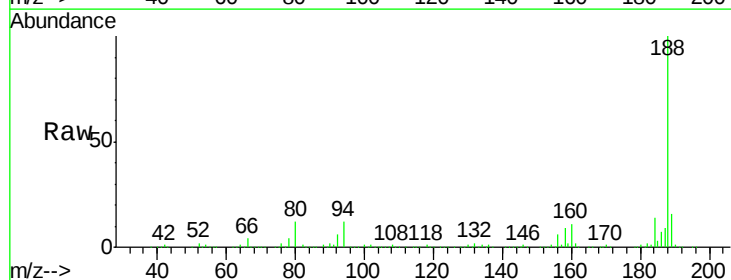
Tgt Ion:188 Resp: 353091

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.6

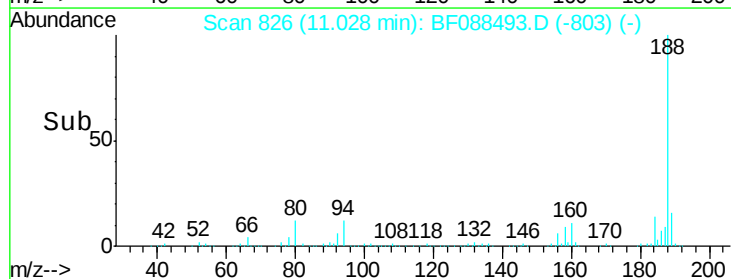
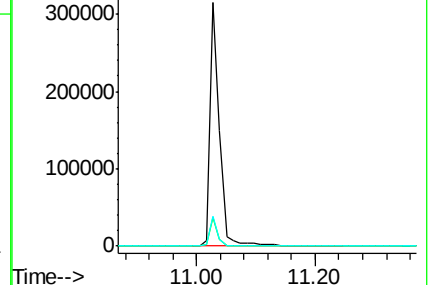
80 12.2 10.0 15.0

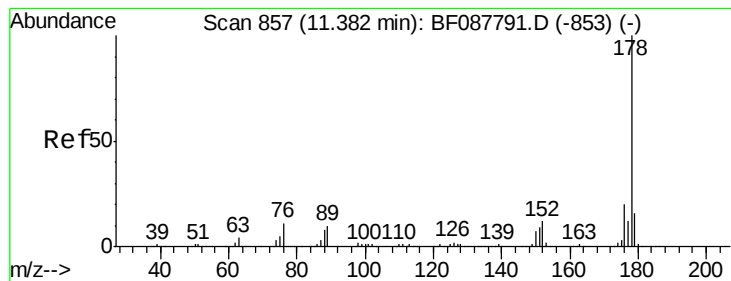


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 16.48 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

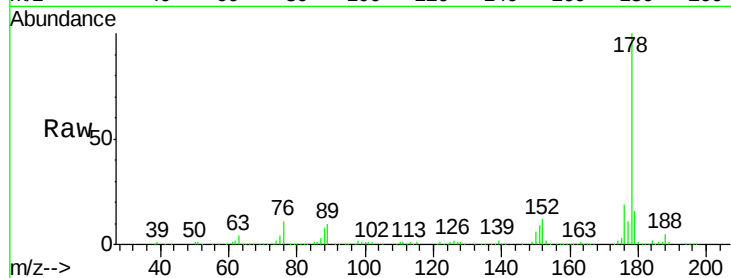
Tgt Ion:178 Resp: 305324

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

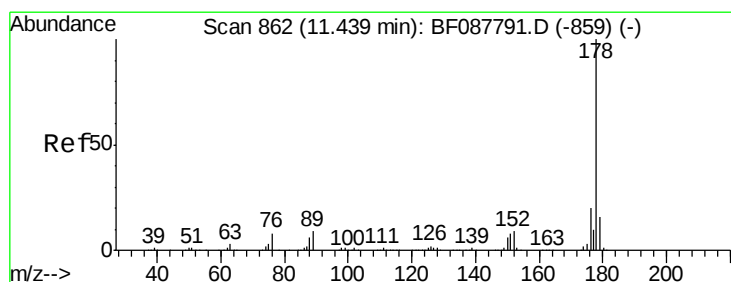
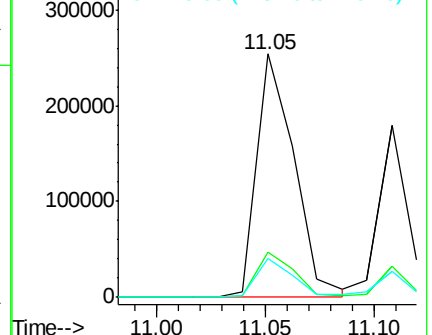
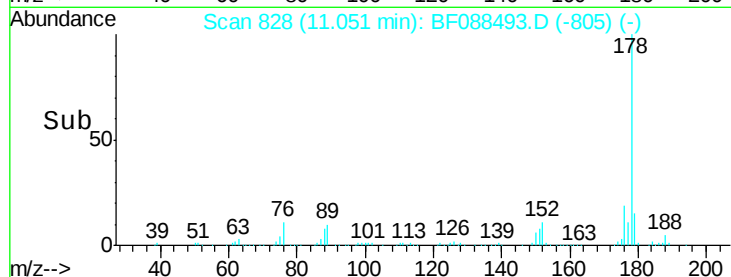
179 15.7 13.0 19.4



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: 10.36 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.03 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

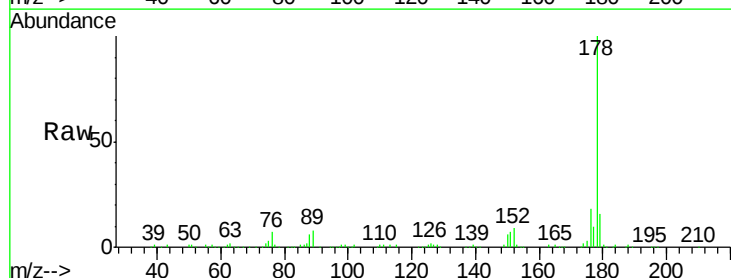
Tgt Ion:178 Resp: 193583

Ion Ratio Lower Upper

178 100

176 18.0 15.6 23.4

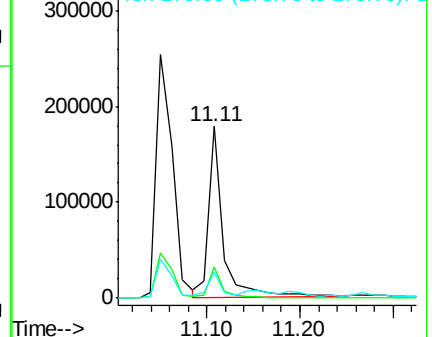
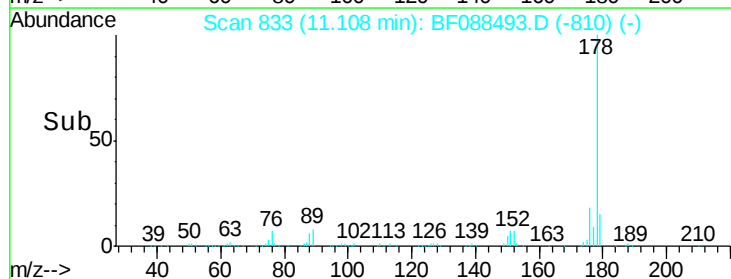
179 15.5 12.8 19.2

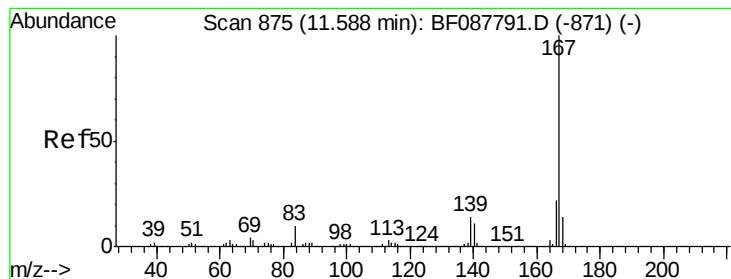


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.48 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

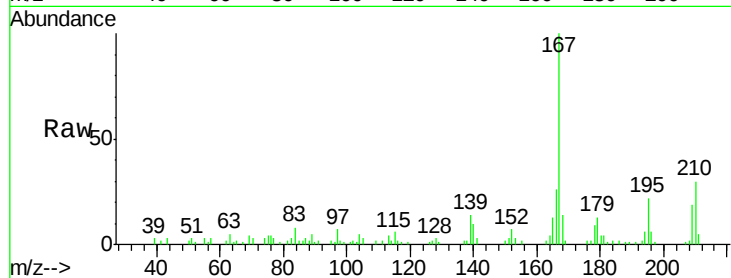
Tgt Ion:167 Resp: 43340

Ion Ratio Lower Upper

167 100

166 25.7 17.8 26.6

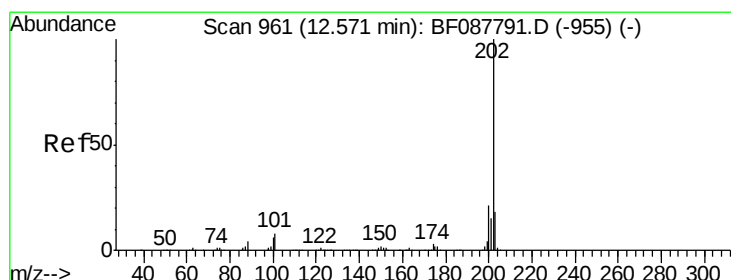
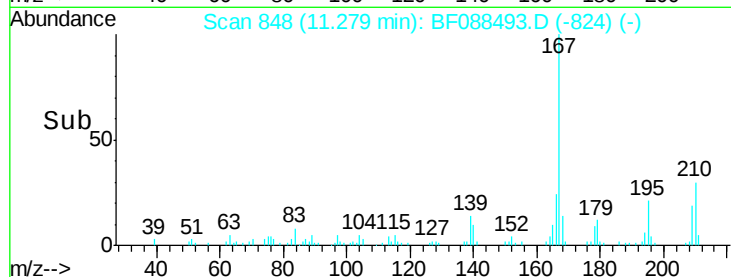
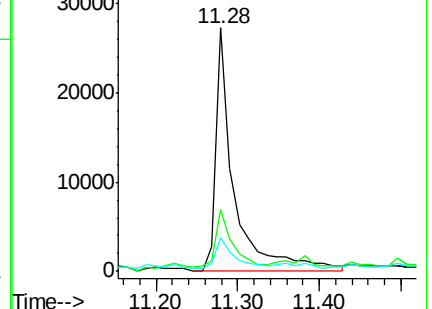
139 14.0 11.2 16.8



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



#74

Fluoranthene

Concen: 56.33 ng

RT: 12.24 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

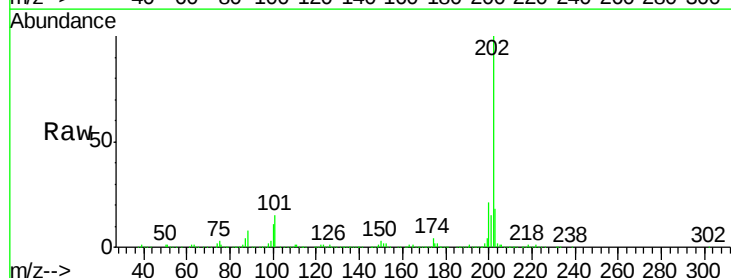
Tgt Ion:202 Resp: 1101464

Ion Ratio Lower Upper

202 100

101 15.2 0.0 33.1

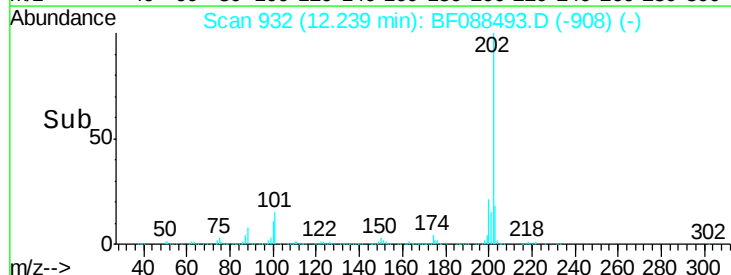
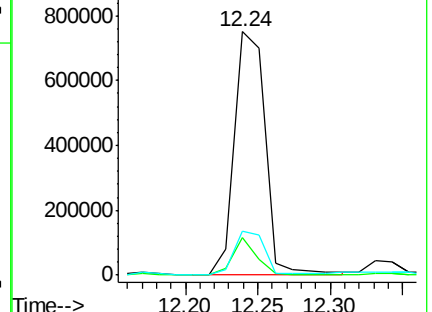
203 18.2 0.0 38.1

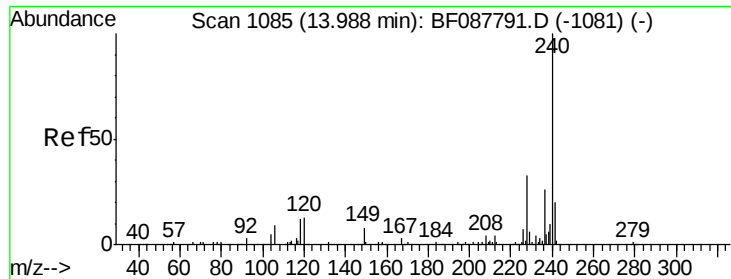


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

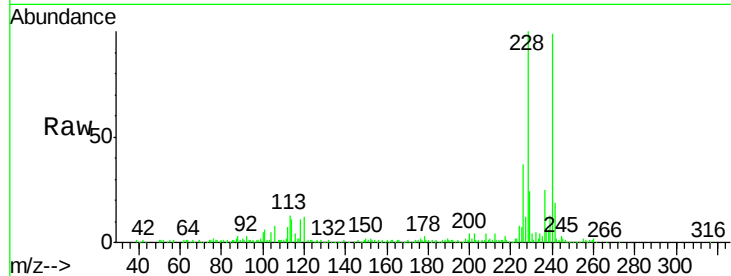
Tgt Ion:240 Resp: 212250

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

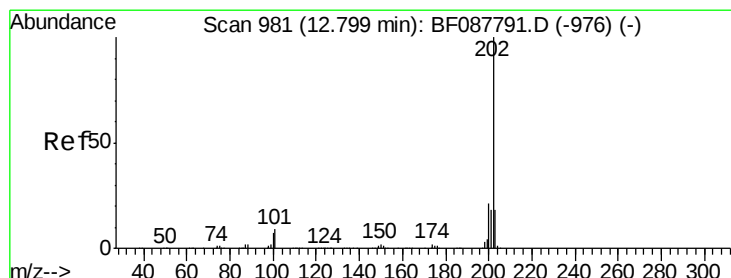
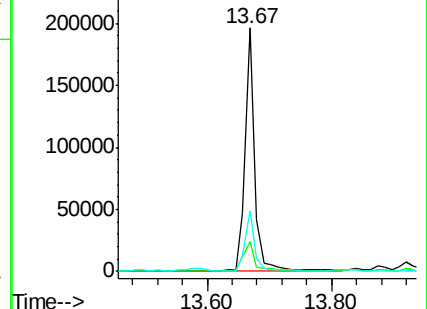
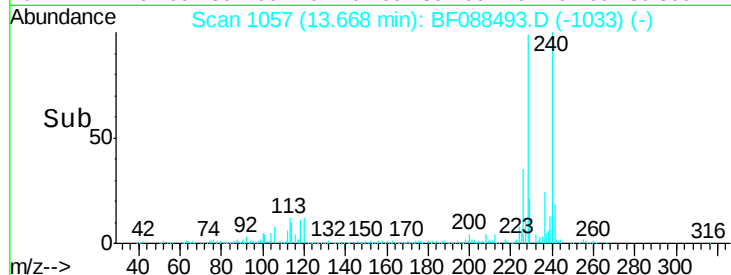
236 24.9 20.2 30.2



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: 71.10 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

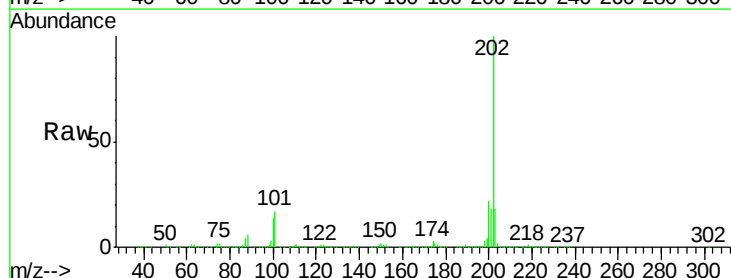
Tgt Ion:202 Resp: 1119927

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

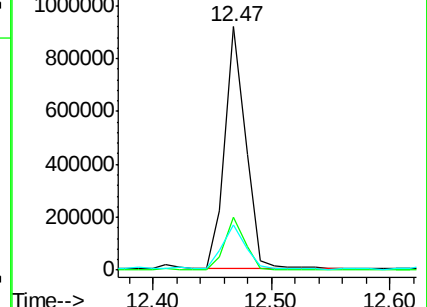
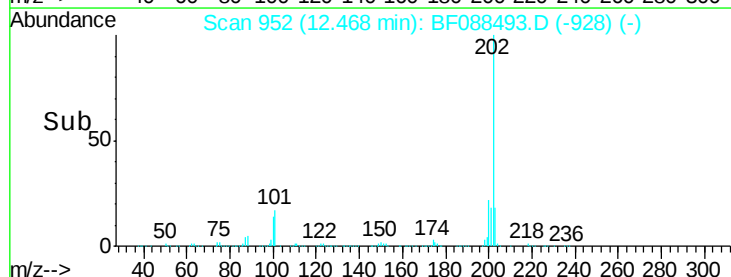
203 18.4 14.5 21.7

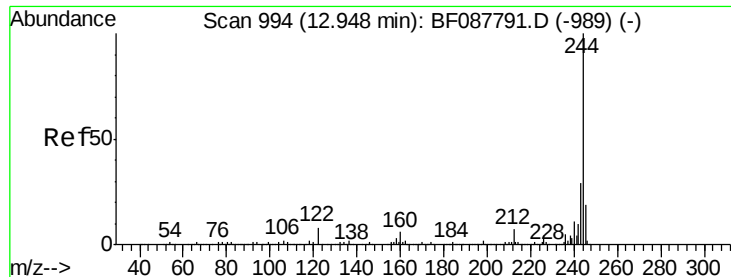


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

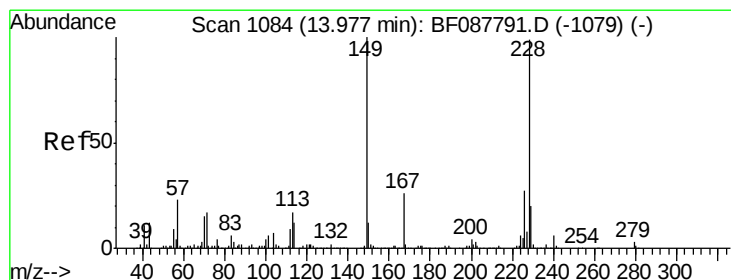
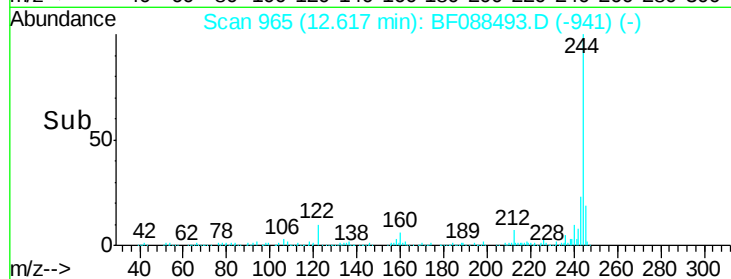
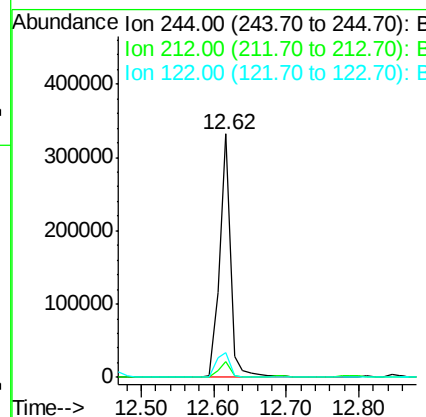
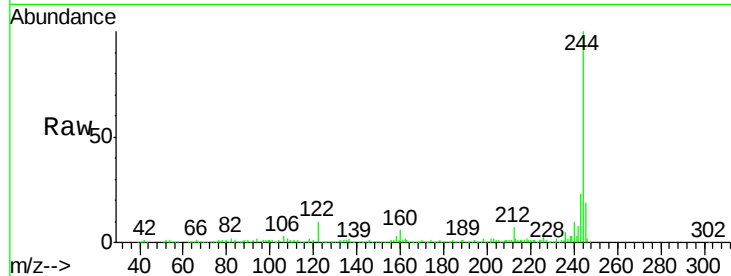




#78
 Terphenyl-d14
 Concen: 37.63 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF088493.D
 Acq: 28 Jun 2016 22:04

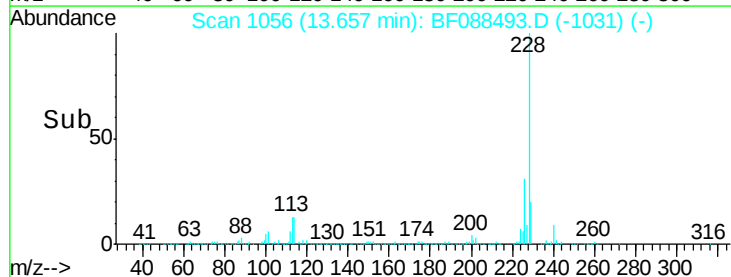
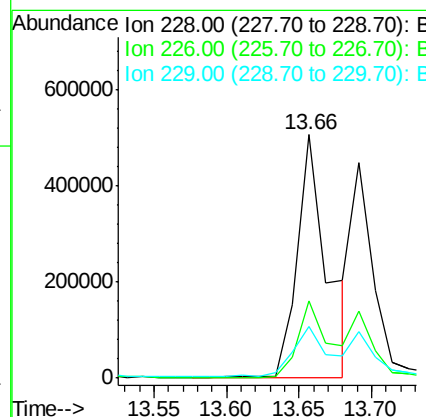
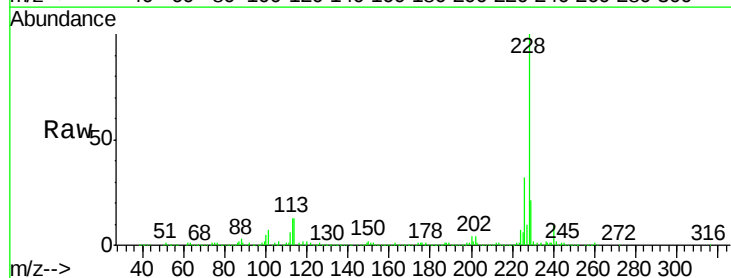
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1481(0-4)DL

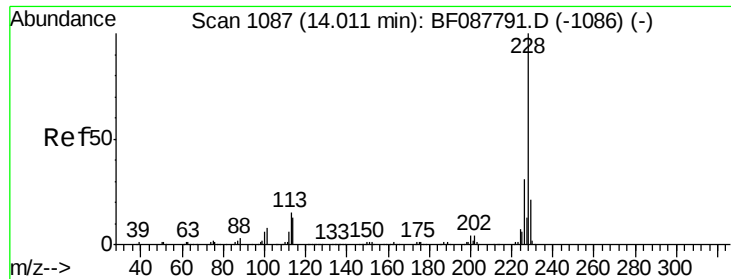
Tgt Ion:244 Resp: 350952
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.2 11.2 16.8#



#80
 Benzo(a)anthracene
 Concen: 60.11 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF088493.D
 Acq: 28 Jun 2016 22:04

Tgt Ion:228 Resp: 727039
 Ion Ratio Lower Upper
 228 100
 226 31.9 22.3 33.5
 229 21.0 16.0 24.0





#82

Chrysene

Concen: 63.89 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.06 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

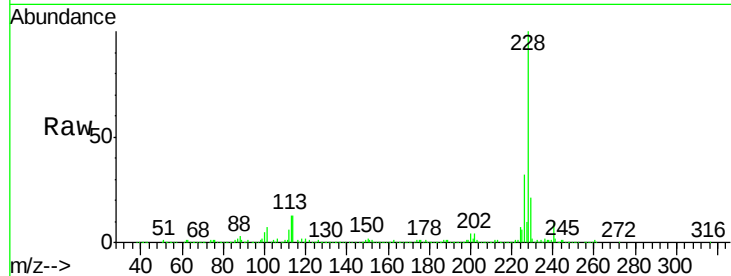
Tgt Ion:228 Resp: 727039

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.2

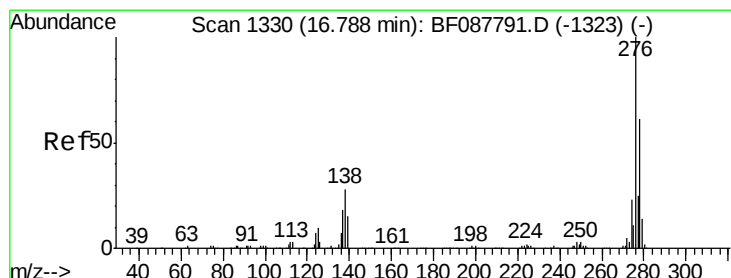
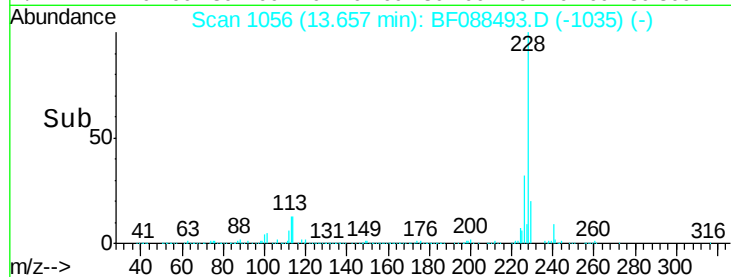
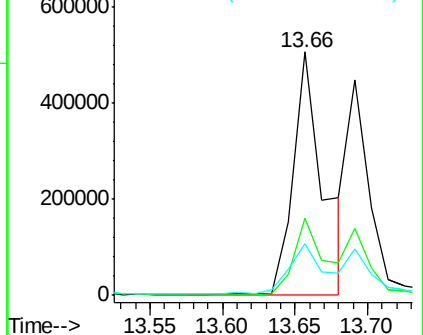
229 21.0 16.3 24.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.61 ng

RT: 16.24 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

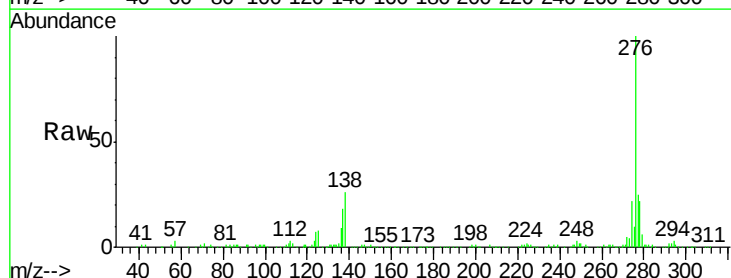
Tgt Ion:276 Resp: 302496

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

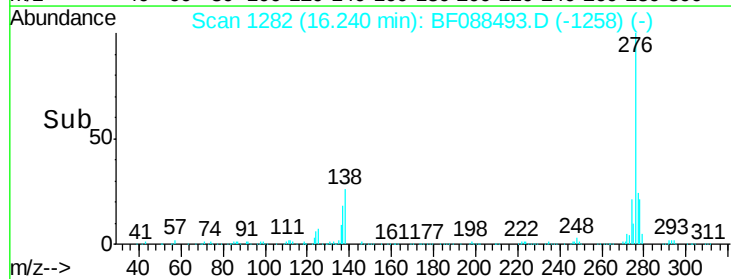
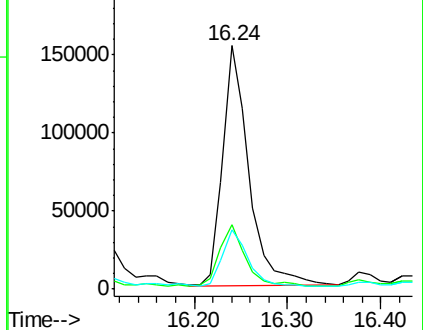
277 23.1 0.0 0.0#

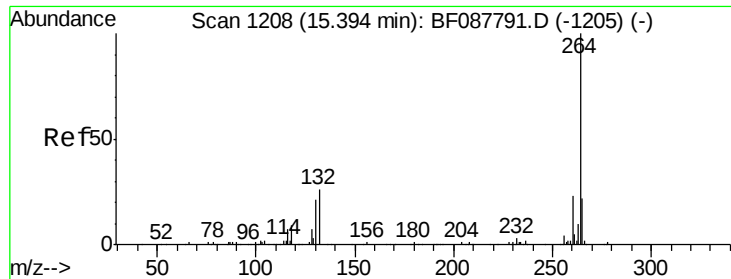


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



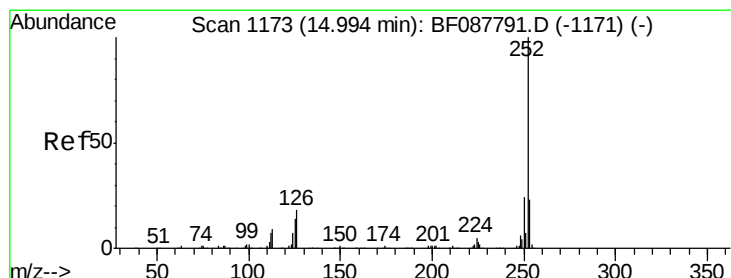
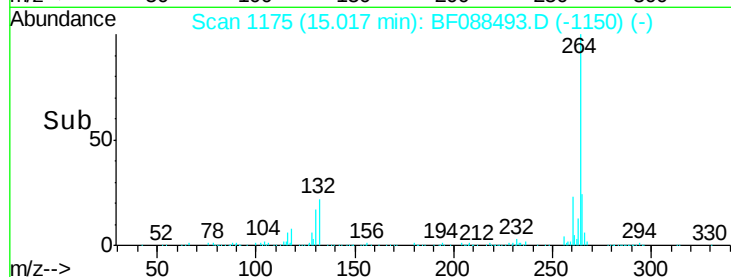
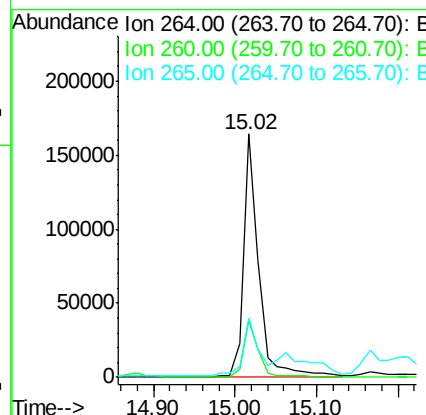
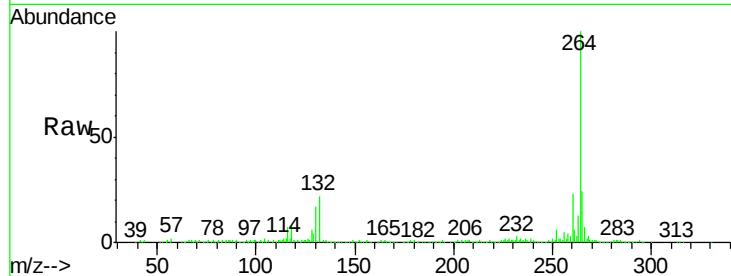


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF088493.D
Acq: 28 Jun 2016 22:04

Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)DL

Tgt Ion: 264 Resp: 214812

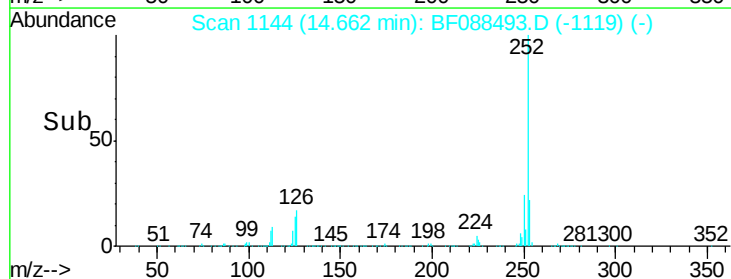
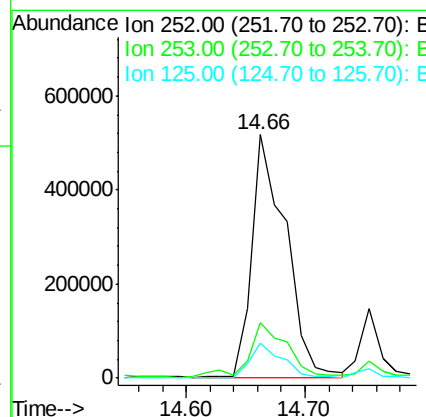
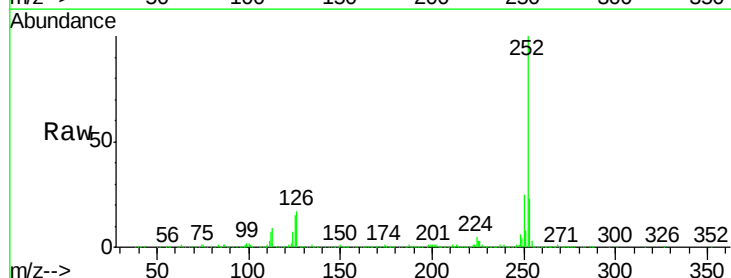
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	24.2	16.9	25.3

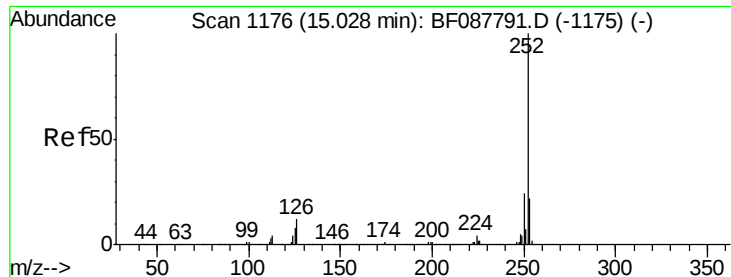


#87
Benzo(b)fluoranthene
Concen: 68.45 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF088493.D
Acq: 28 Jun 2016 22:04

Tgt Ion: 252 Resp: 1024918

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	14.6	7.1	10.7

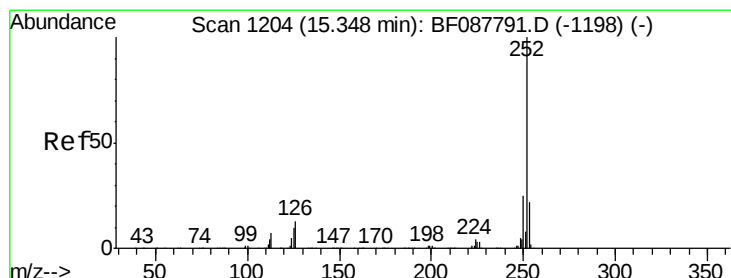
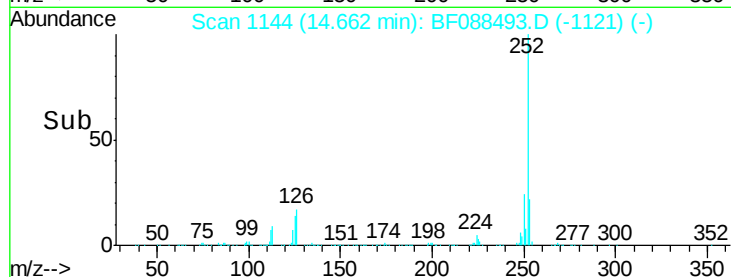
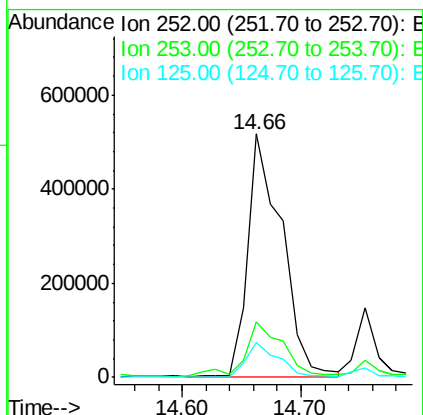
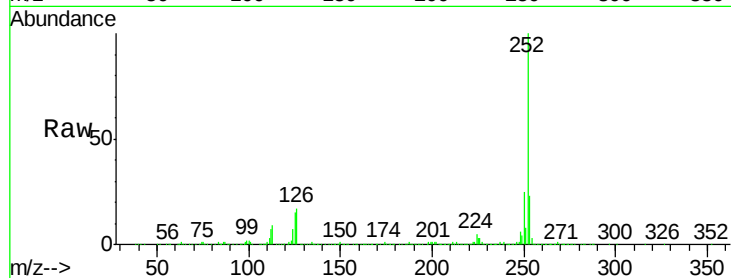




#88
Benzo(k)fluoranthene
Concen: 90.75 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF088493.D
Acq: 28 Jun 2016 22:04

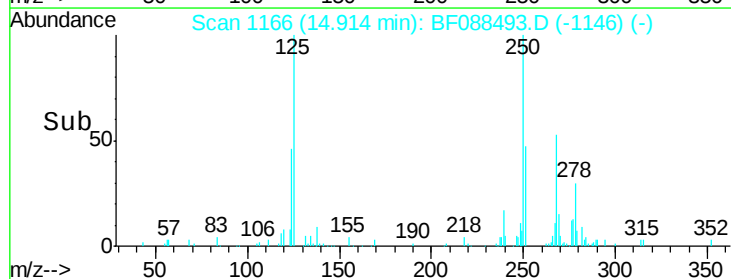
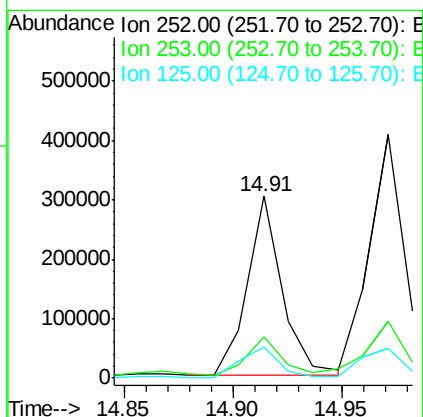
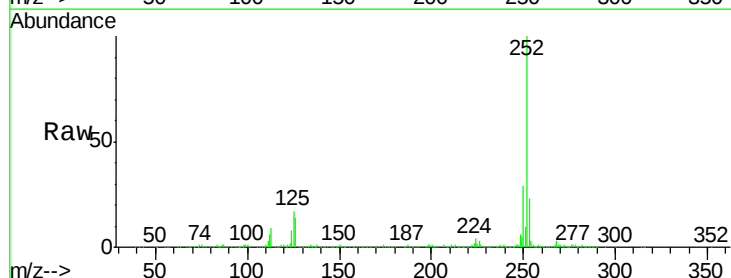
Instrument :
BNA_F
ClientSampleId :
SC-STA-1481(0-4)DL

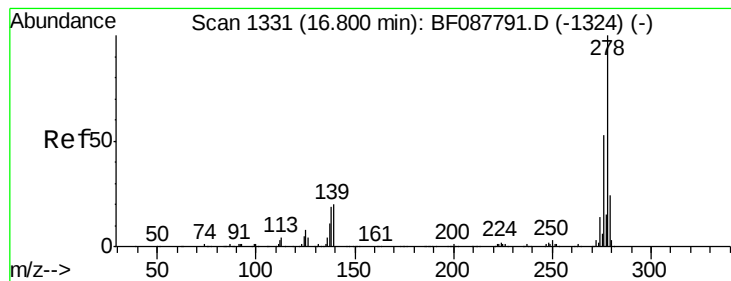
Tgt Ion:252 Resp: 1024918
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 14.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 27.89 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BF088493.D
Acq: 28 Jun 2016 22:04

Tgt Ion:252 Resp: 337835
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 16.9 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 5.09 ng

RT: 16.38 min Scan# 1294

Delta R.T. 0.11 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

Instrument :

BNA_F

ClientSampleId :

SC-STA-1481(0-4)DL

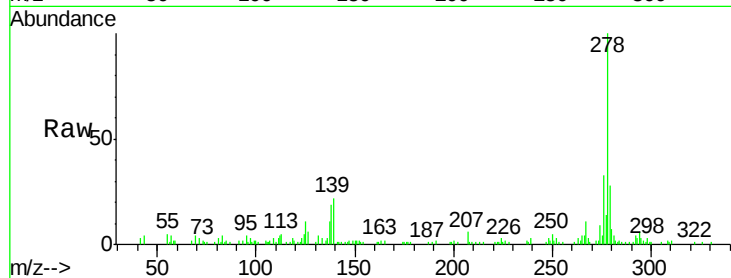
Tgt Ion:278 Resp: 57297

Ion Ratio Lower Upper

278 100

139 21.9 15.7 23.5

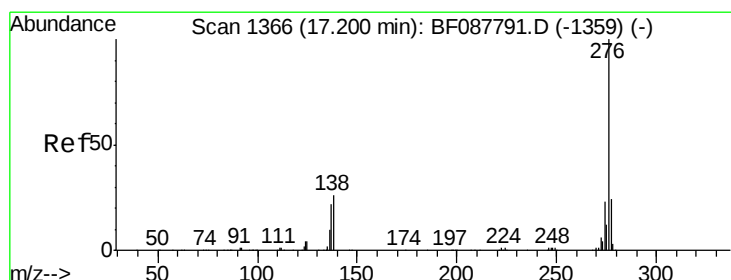
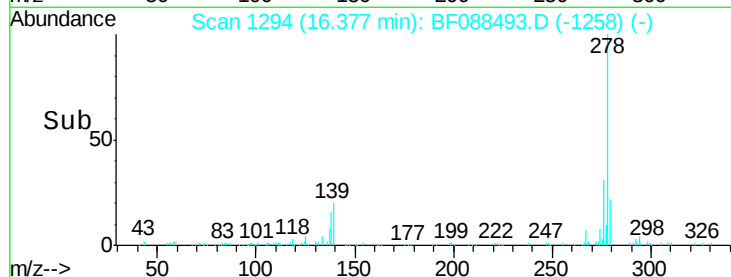
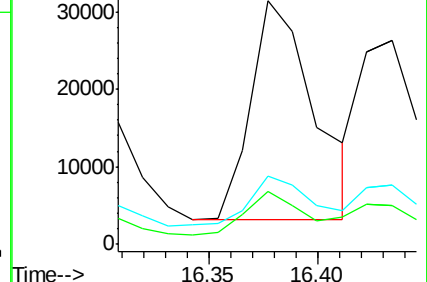
279 28.3 19.4 29.2



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: 21.45 ng

RT: 16.61 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF088493.D

Acq: 28 Jun 2016 22:04

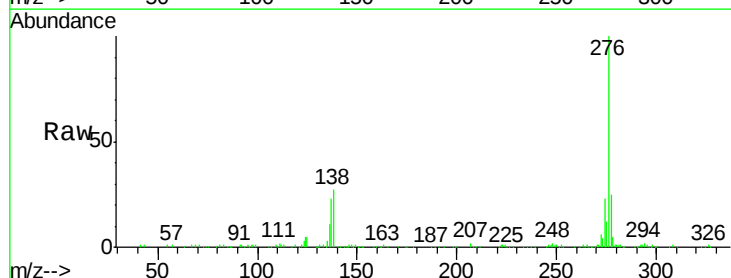
Tgt Ion:276 Resp: 248215

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 26.8 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

