

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087467.D
 Acq On : 28 May 2016 4:55
 Operator : UM/SJ
 Sample : H3190-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

Quant Time: May 28 05:52:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

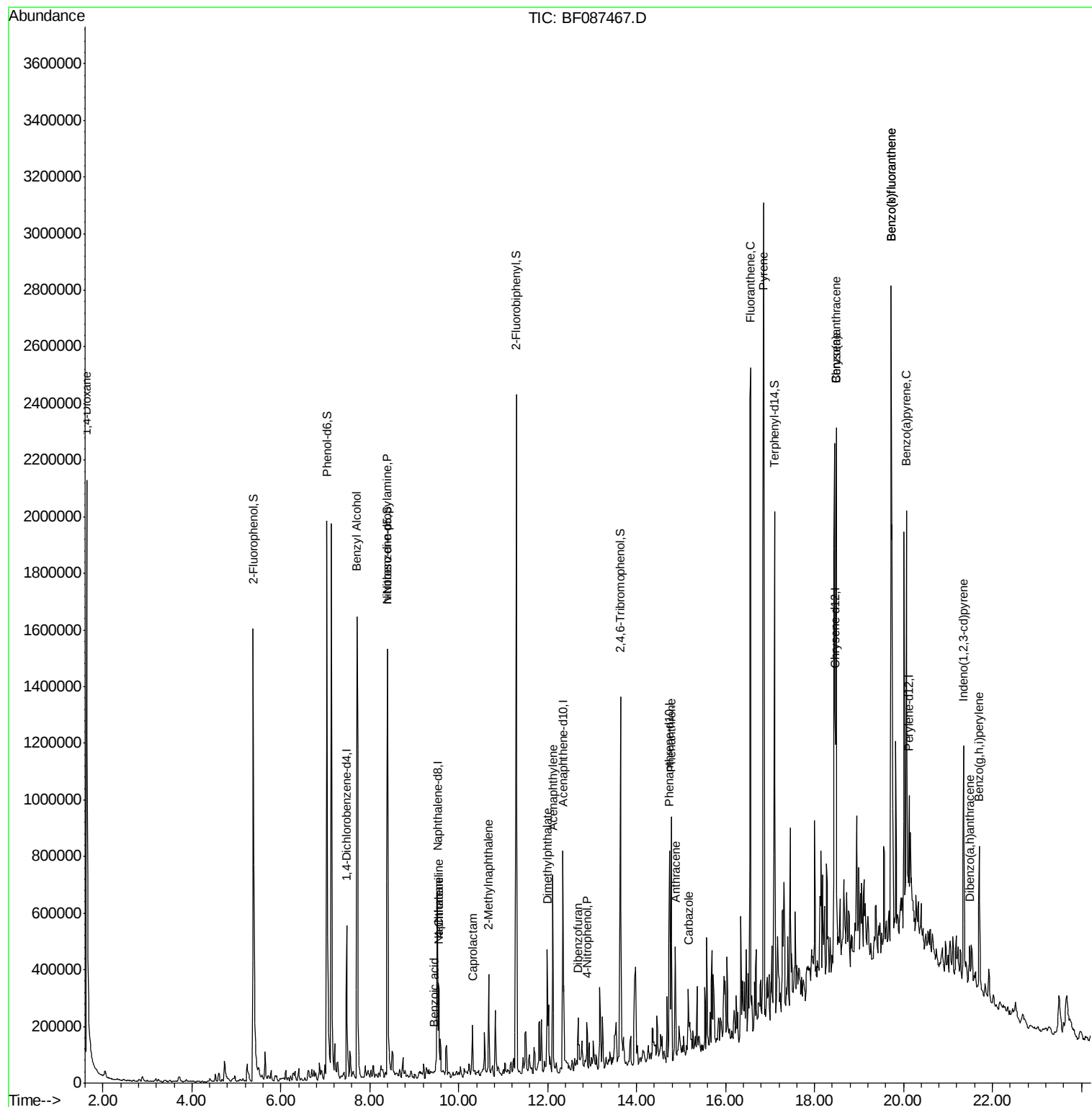
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	111749	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	446020	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	204987	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	336816	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	241152	20.00	ng	-0.02
86) Perylene-d12	20.13	264	204635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	645573	101.51	ng	-0.03
7) Phenol-d6	7.04	99	918350	106.87	ng	-0.03
23) Nitrobenzene-d5	8.40	82	640223	72.34	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	164318	83.42	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	945108	65.00	ng	-0.05
78) Terphenyl-d14	17.10	244	629166	55.47	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.63	88	72108	21.49	ng	# 22
15) Benzyl Alcohol	7.71	79	12901	2.06	ng	# 44
19) n-Nitroso-di-n-propylamine	8.40	70	88024	13.74	ng	# 75
31) Naphthalene	9.55	128	238394	10.67	ng	98
32) Benzoic acid	9.45	122	954	6.07	ng	# 1
33) 4-Chloroaniline	9.54	127	30956	3.76	ng	# 35
35) Caprolactam	10.31	113	4615	2.65	ng	# 24
37) 2-Methylnaphthalene	10.67	142	117097	8.39	ng	# 96
48) Acenaphthylene	12.11	152	374614	17.92	ng	99
49) Dimethylphthalate	11.99	163	170997	10.41	ng	99
54) Dibenzofuran	12.69	168	77430	4.45	ng	96
55) 4-Nitrophenol	12.88	139	4069	2.51	ng	81
70) Phenanthrene	14.78	178	418477	22.43	ng	99
71) Anthracene	14.87	178	244371	12.97	ng	99
72) Carbazole	15.17	167	136465	8.49	ng	100
74) Fluoranthene	16.56	202	1553116	83.02	ng	91
77) Pyrene	16.86	202	1350008	77.77	ng	98
80) Benzo(a)anthracene	18.49	228	949394	69.21	ng	94
82) Chrysene	18.49	228	959930	70.51	ng	96
85) Indeno(1,2,3-cd)pyrene	21.35	276	470019	43.07	ng	# 87
87) Benzo(b)fluoranthene	19.73	252	1818038	139.47	ng	97
88) Benzo(k)fluoranthene	19.73	252	1818038	162.04	ng	99
89) Benzo(a)pyrene	20.07	252	696153	61.75	ng	# 96
90) Dibenz(a,h)anthracene	21.49	278	77295	8.04	ng	94
91) Benzo(g,h,i)perylene	21.70	276	382581	40.33	ng	# 91

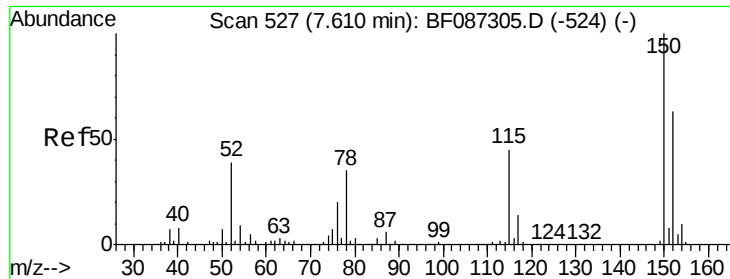
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

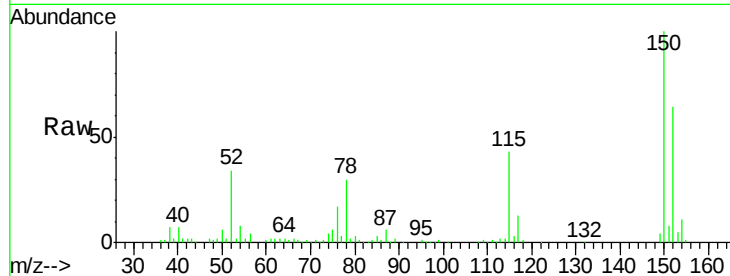
Tgt Ion: 152 Resp: 111749

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.6

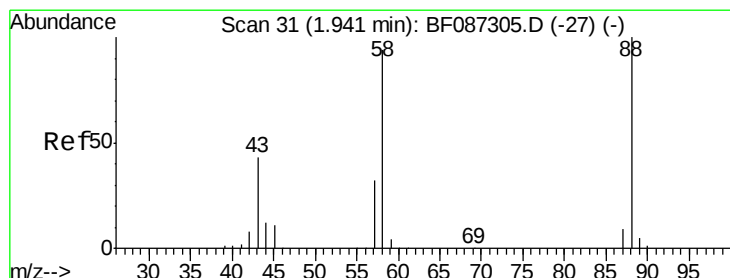
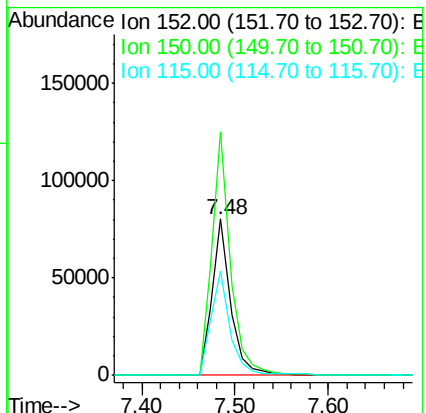
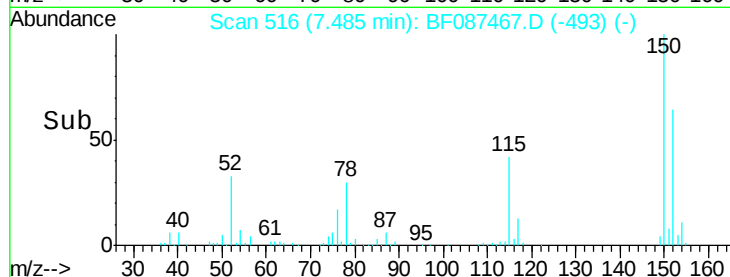
115 66.6 51.5 77.3



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: 21.49 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

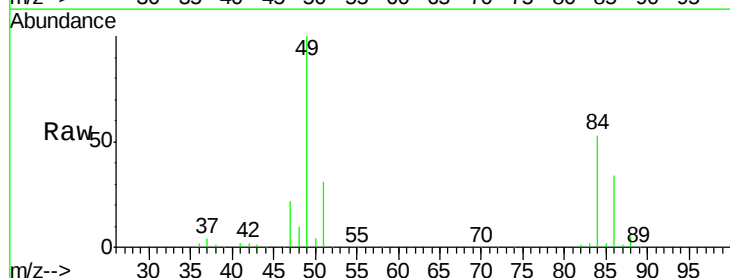
Tgt Ion: 88 Resp: 72108

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

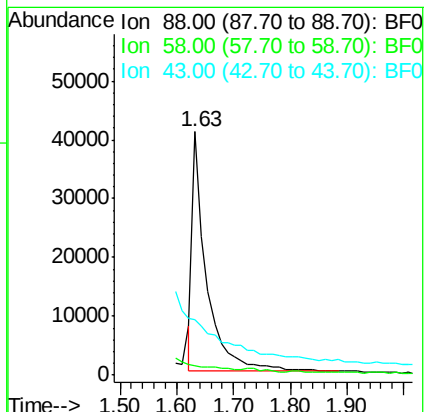
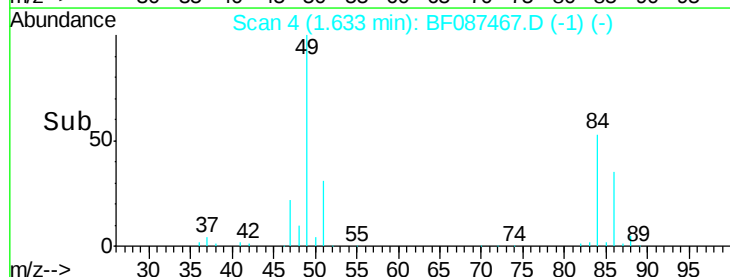
43 0.0 21.8 32.6#



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: 101.51 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

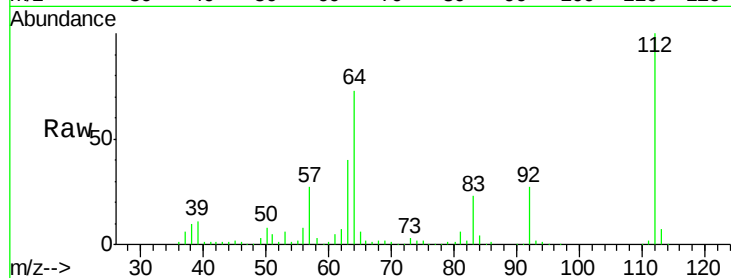
Tgt Ion: 112 Resp: 645573

Ion Ratio Lower Upper

112 100

64 72.5 52.1 78.1

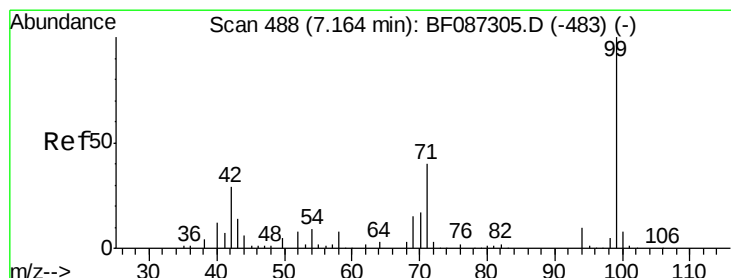
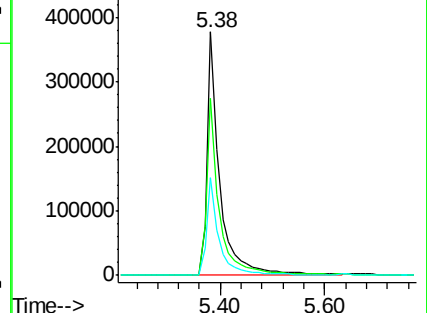
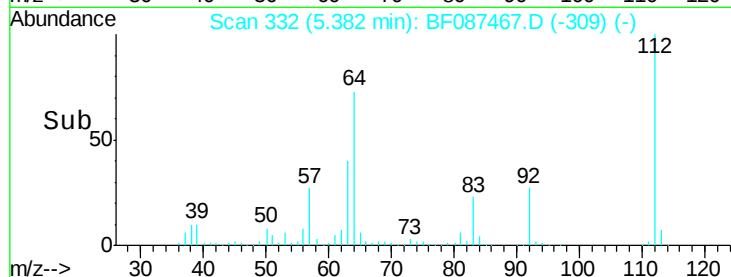
63 40.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 106.87 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

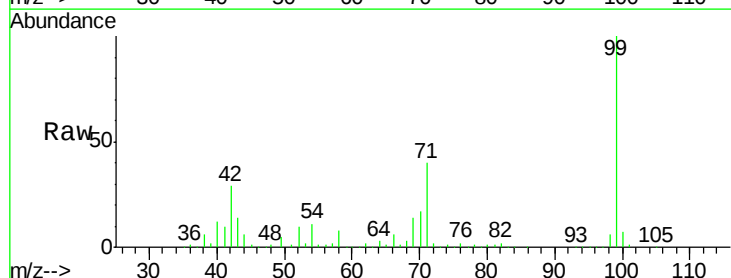
Tgt Ion: 99 Resp: 918350

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

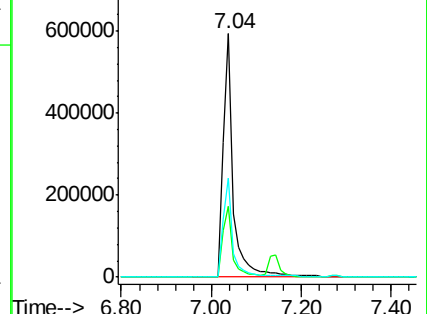
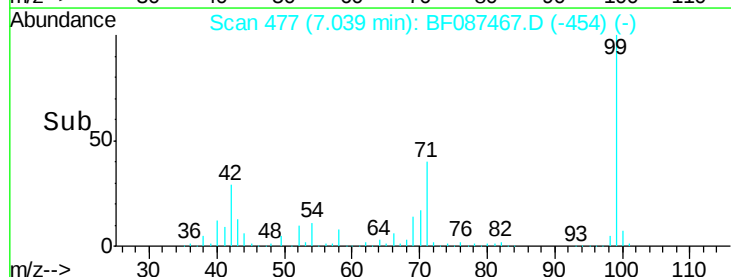
71 40.4 24.6 36.8#

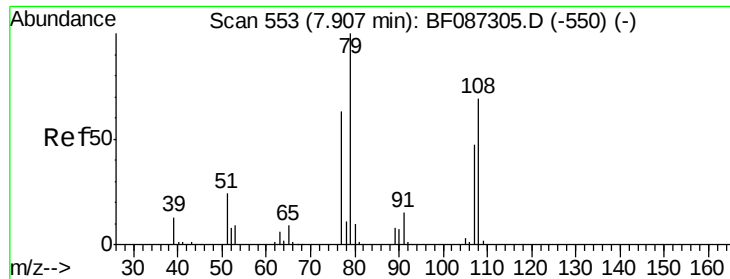


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

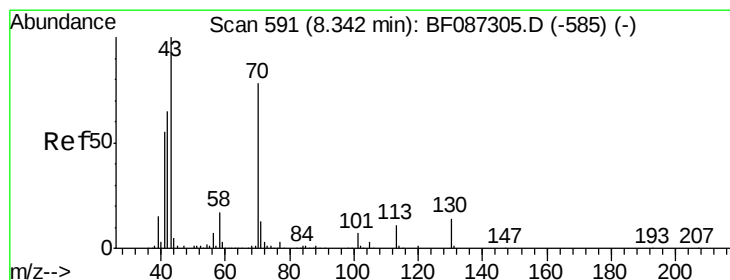
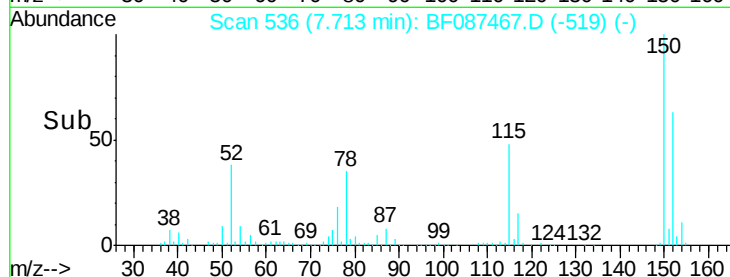
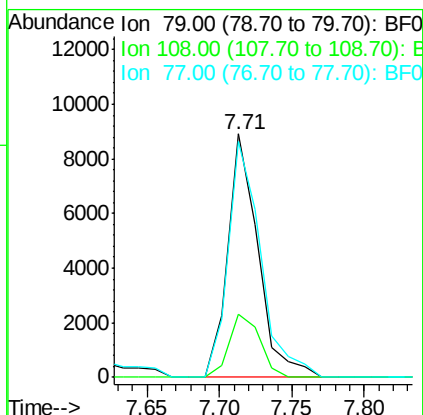
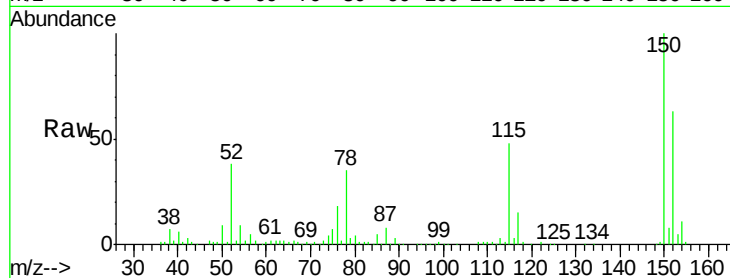
Tgt Ion: 79 Resp: 12901

Ion Ratio Lower Upper

79 100

108 26.0 68.4 102.6#

77 96.8 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.74 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Tgt Ion: 70 Resp: 88024

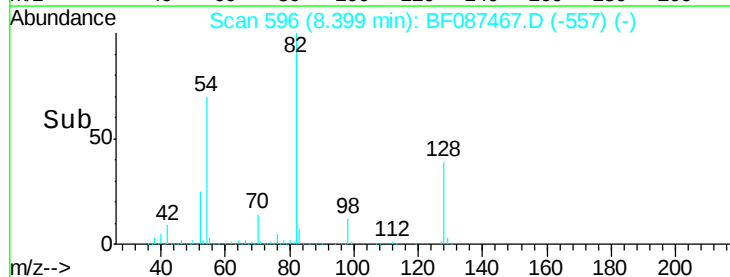
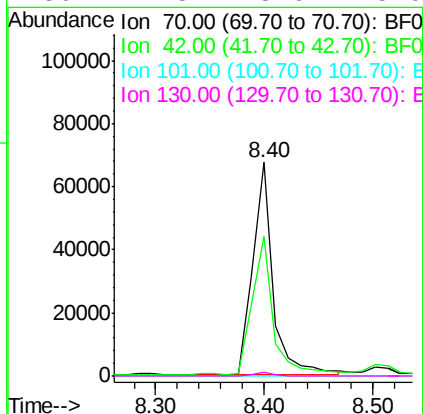
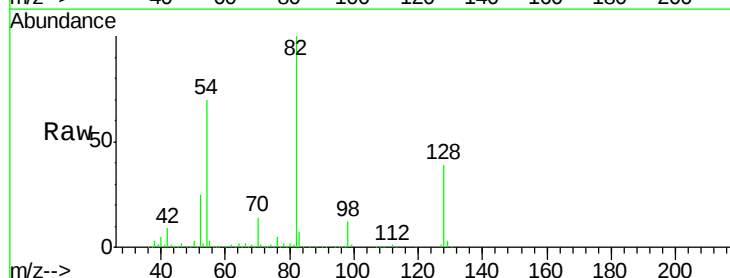
Ion Ratio Lower Upper

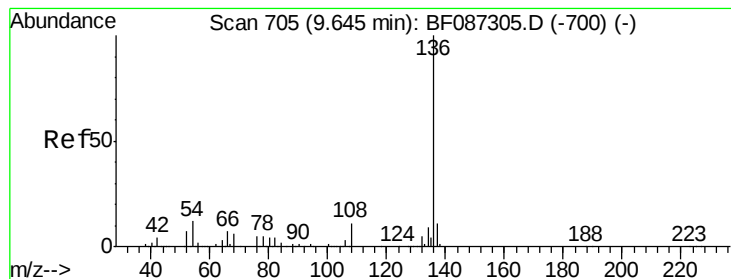
70 100

42 65.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

Tgt Ion: 136 Resp: 446020

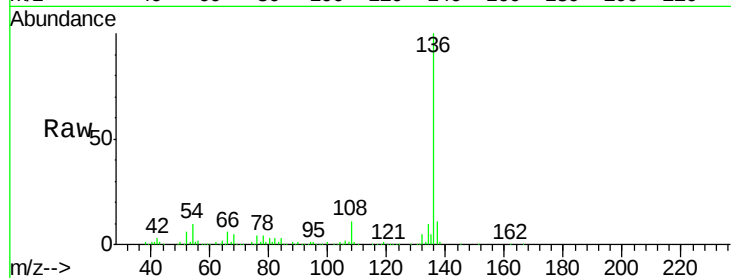
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.5 5.0 7.4#

68 4.7 4.4 6.6

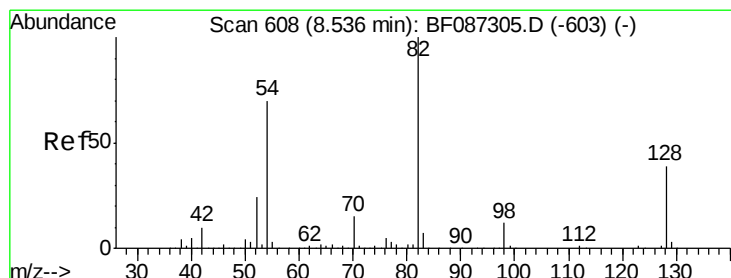
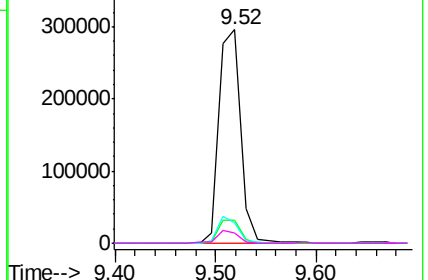
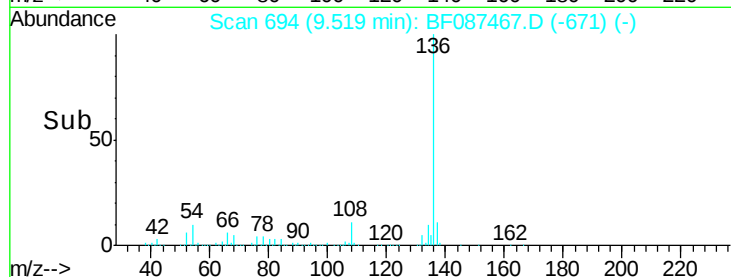


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.34 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

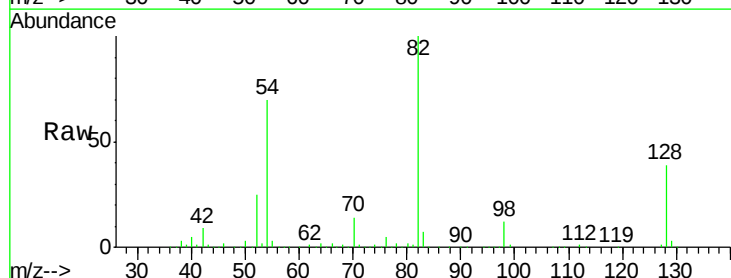
Tgt Ion: 82 Resp: 640223

Ion Ratio Lower Upper

82 100

128 38.7 40.6 61.0#

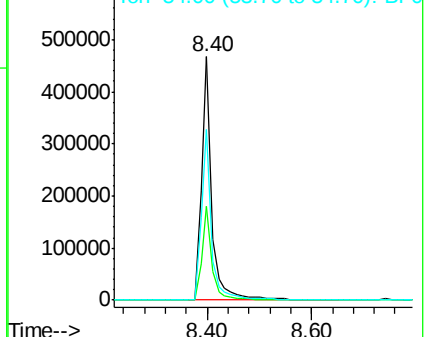
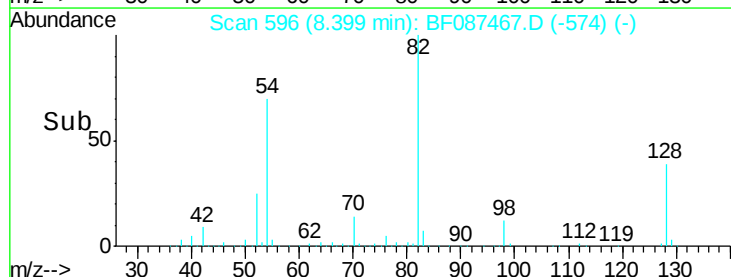
54 69.9 38.1 57.1#

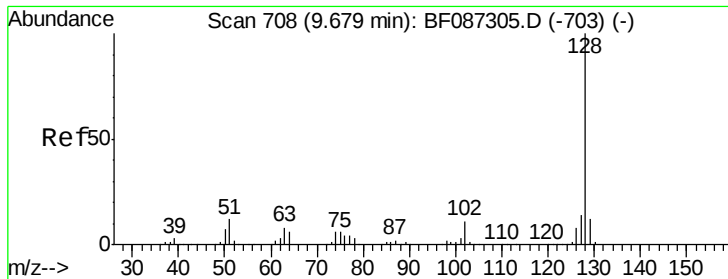


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

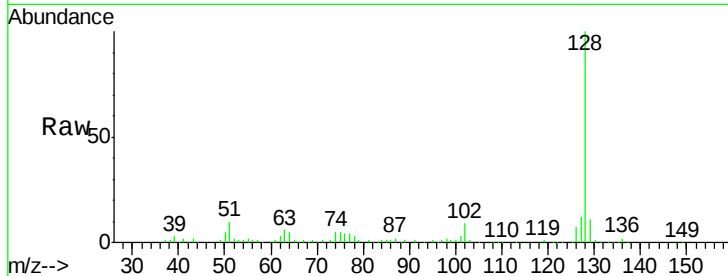




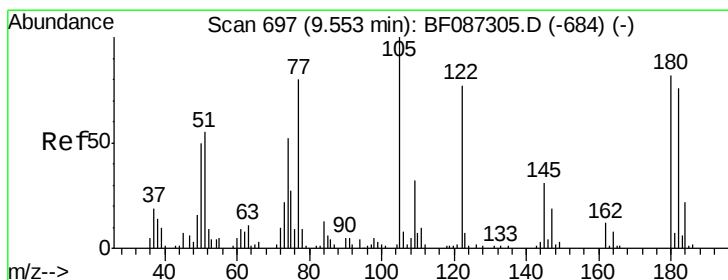
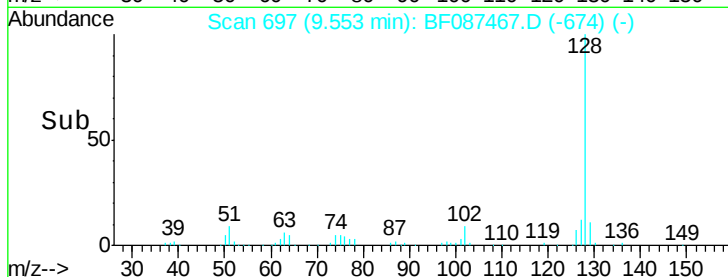
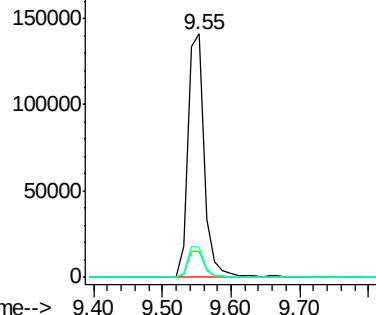
#31
Naphthalene
Concen: 10.67 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

Instrument :
BNA_F
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CHS-STA-1705(0-4)

Tgt Ion:128 Resp: 238394
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.4 10.8 16.2

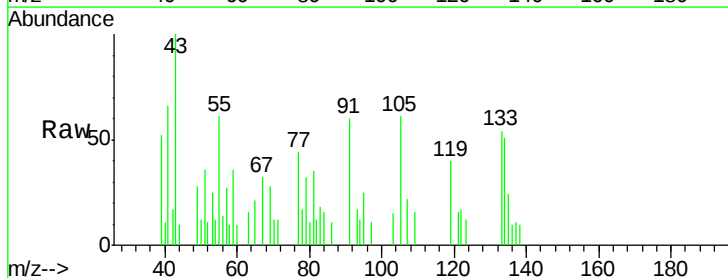


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

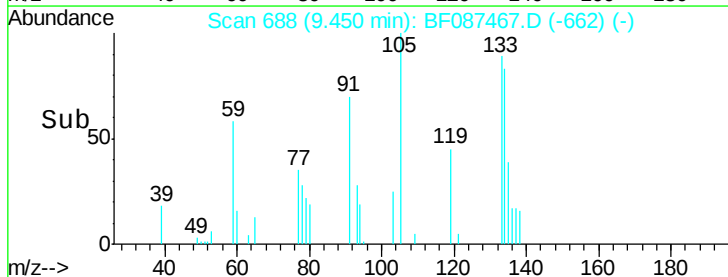
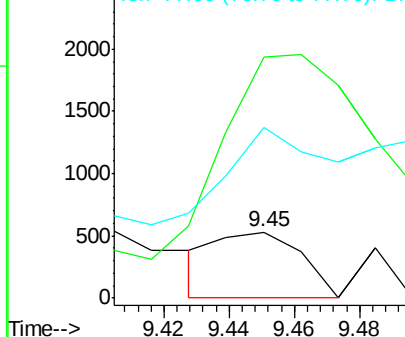


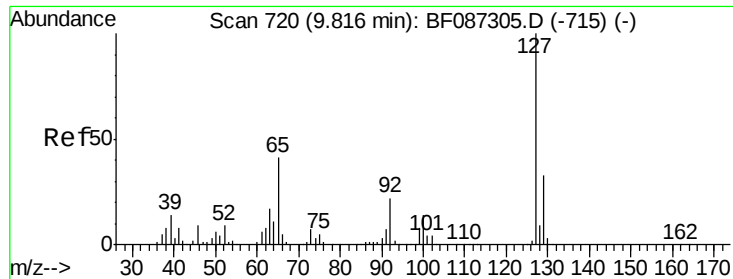
#32
Benzoic acid
Concen: 6.07 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

Tgt Ion:122 Resp: 954
Ion Ratio Lower Upper
122 100
105 363.3 92.6 132.6#
77 258.5 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

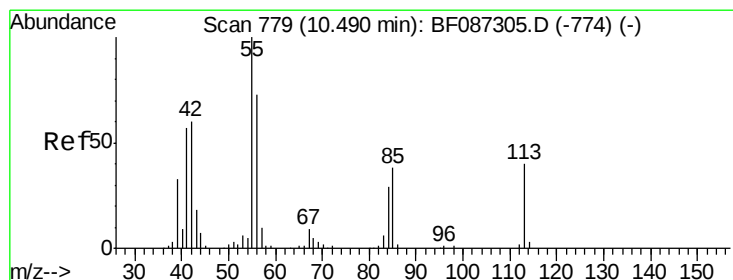
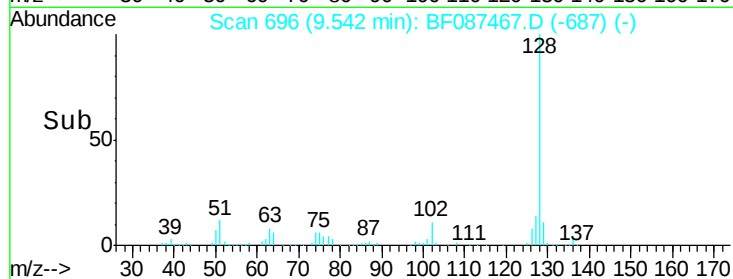
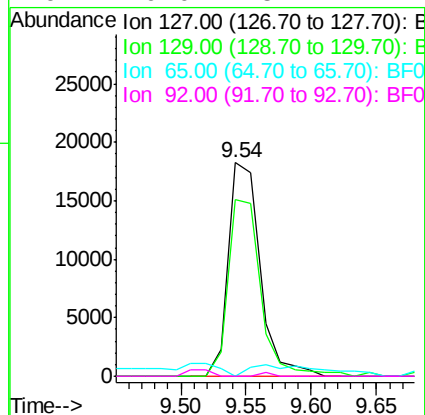
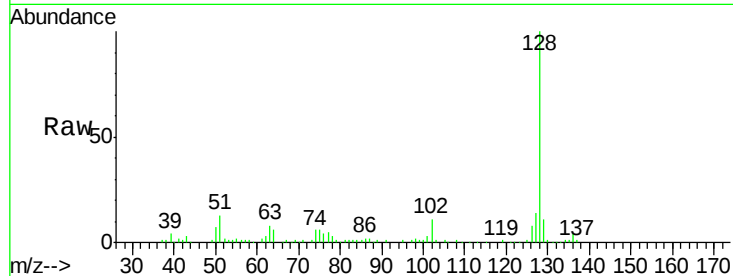




#33
4-Chloroaniline
Concen: 3.76 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.19 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

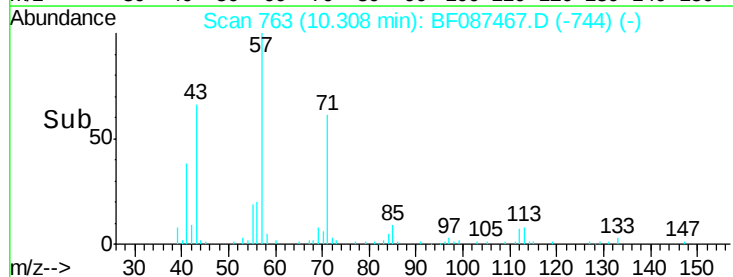
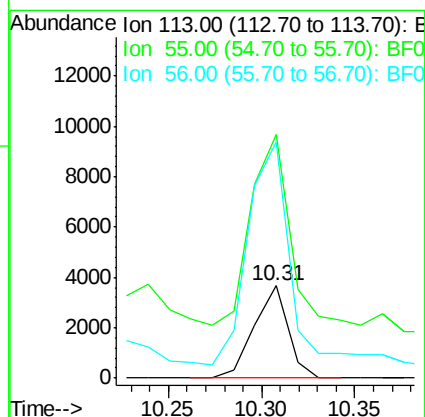
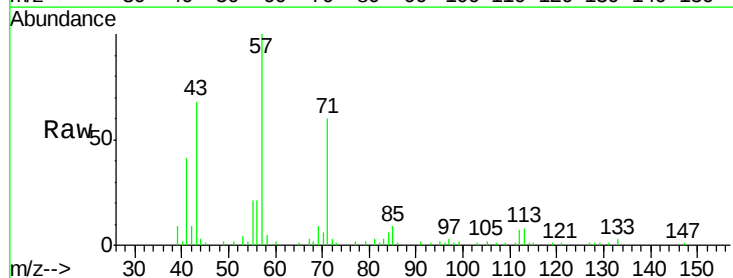
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

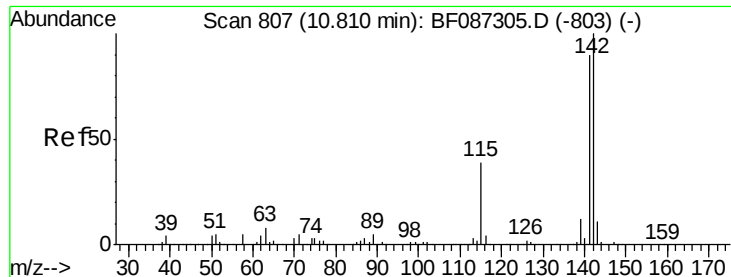
Tgt Ion:	127	Resp:	30956
Ion	Ratio	Lower	Upper
127	100		
129	82.5	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#35
Caprolactam
Concen: 2.65 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.08 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

Tgt Ion:	113	Resp:	4615
Ion	Ratio	Lower	Upper
113	100		
55	263.8	162.0	202.0#
56	255.3	115.3	155.3#

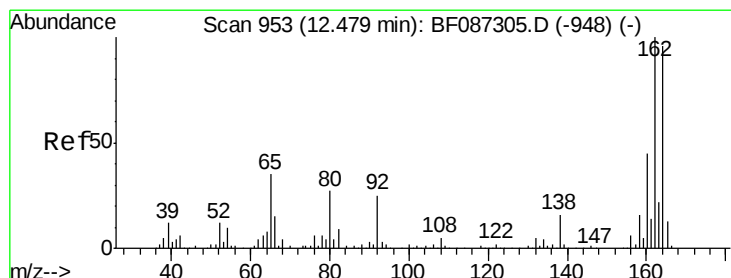
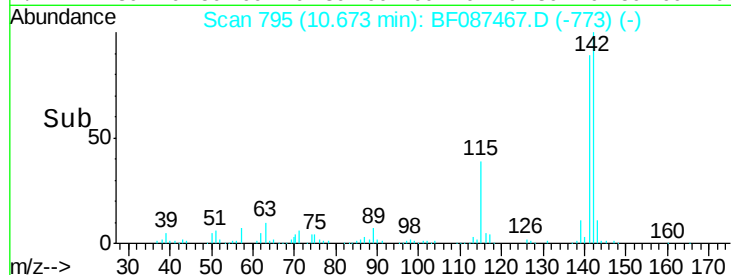
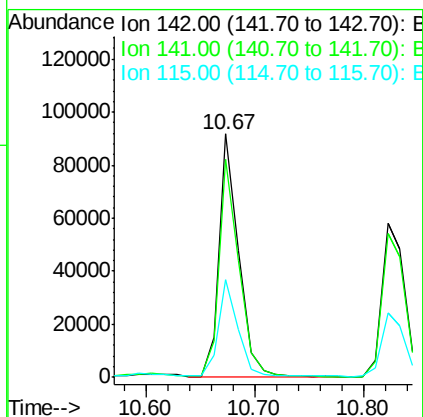
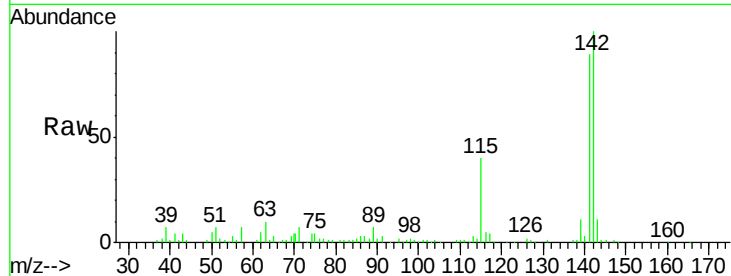




#37
 2-Methylnaphthalene
 Concen: 8.39 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF087467.D
 Acq: 28 May 2016 4:55

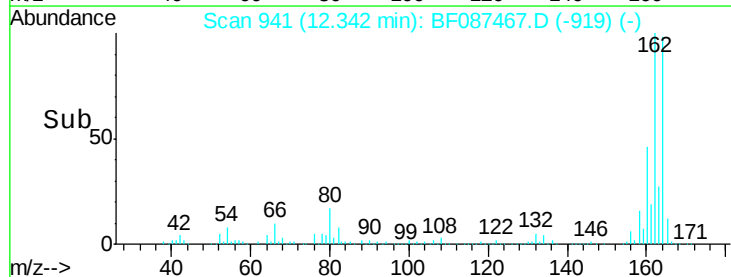
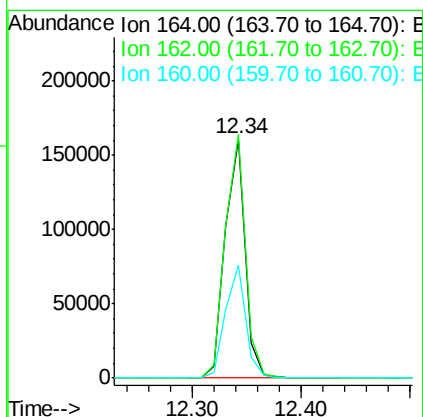
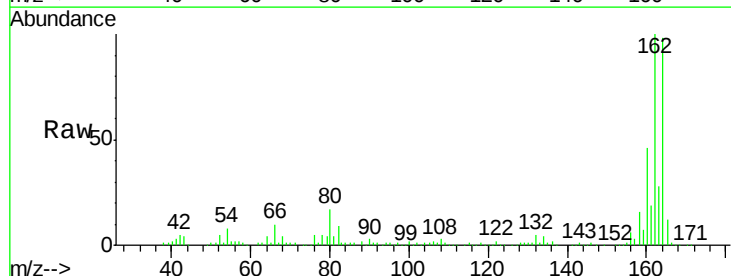
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

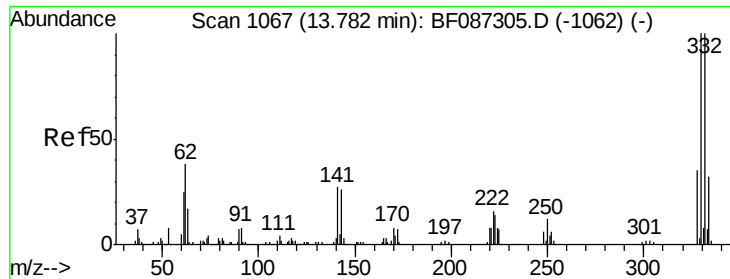
Tgt Ion:142 Resp: 117097
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 40.1 26.6 39.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087467.D
 Acq: 28 May 2016 4:55

Tgt Ion:164 Resp: 204987
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.8 124.2
 160 47.4 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 83.42 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

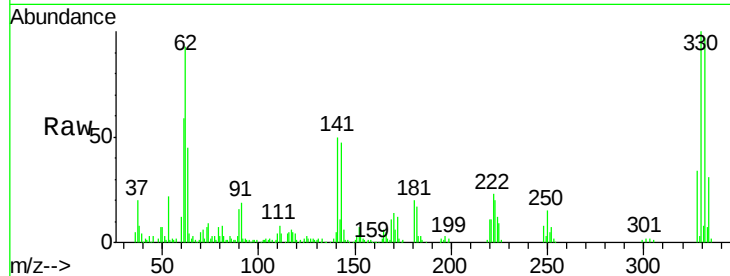
Tgt Ion:330 Resp: 164318

Ion Ratio Lower Upper

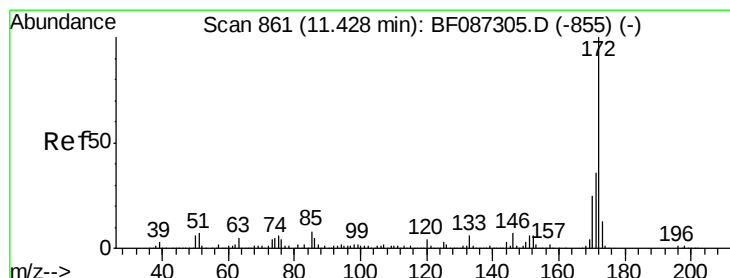
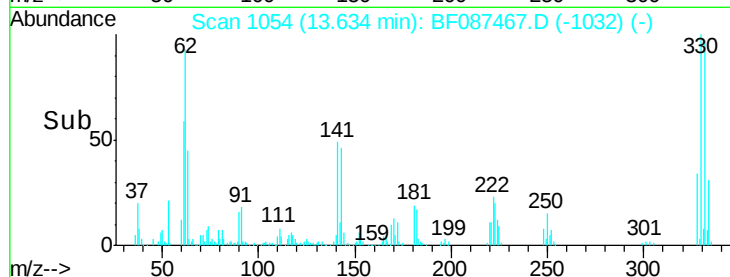
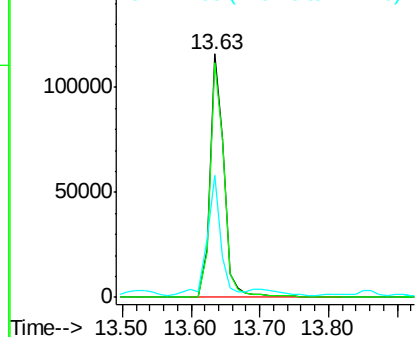
330 100

332 97.0 79.0 118.4

141 48.9 31.2 46.8#



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: 65.00 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

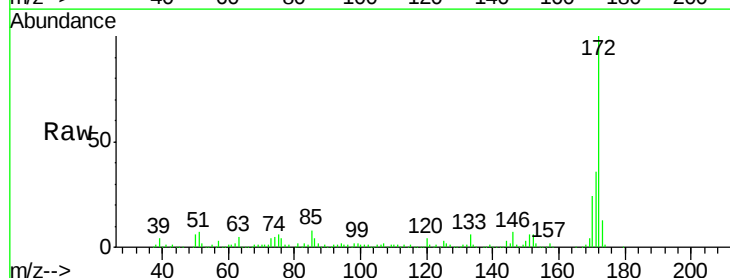
Tgt Ion:172 Resp: 945108

Ion Ratio Lower Upper

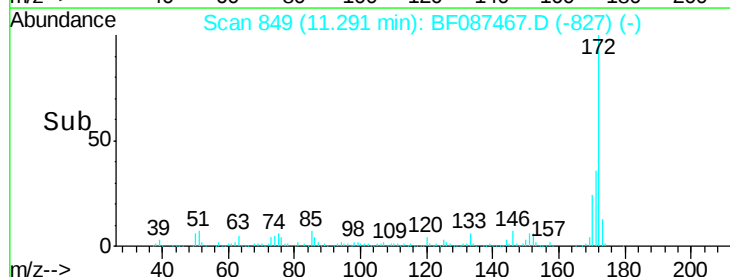
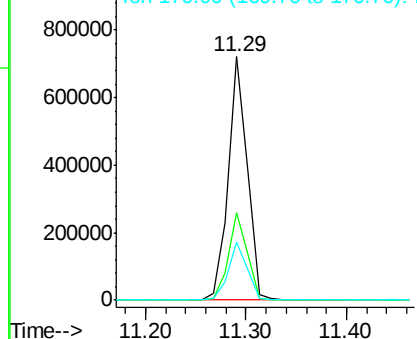
172 100

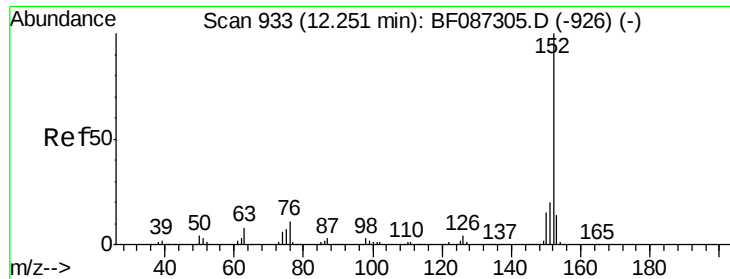
171 35.8 29.0 43.6

170 23.8 19.8 29.8



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





#48

Acenaphthylene

Concen: 17.92 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

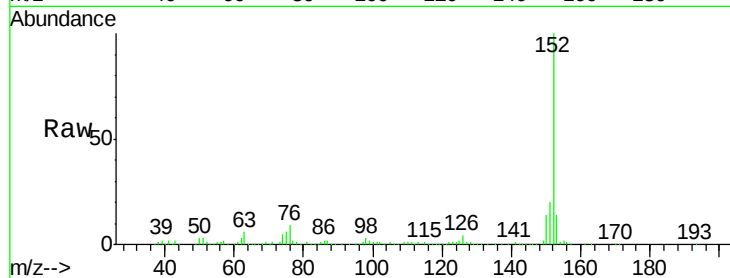
Tgt Ion:152 Resp: 374614

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

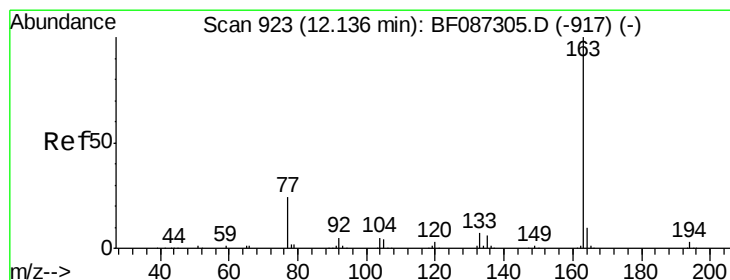
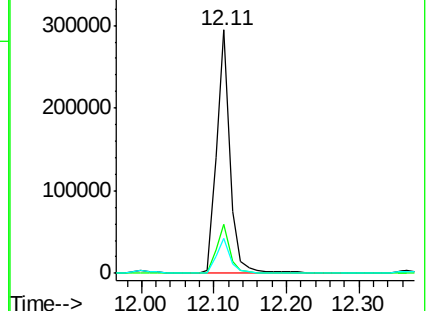
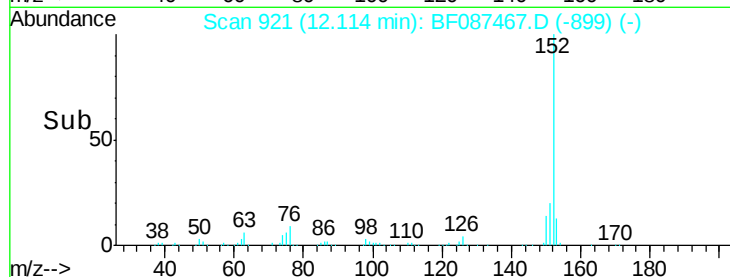
153 14.2 10.9 16.3



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: 10.41 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

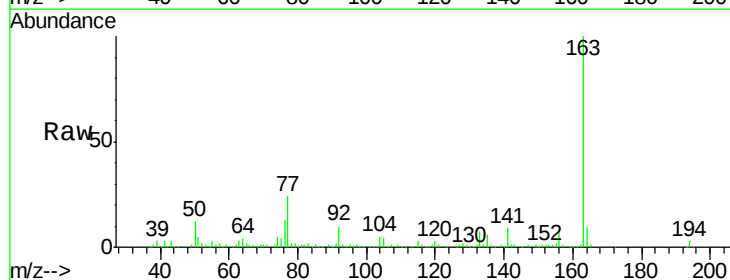
Tgt Ion:163 Resp: 170997

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

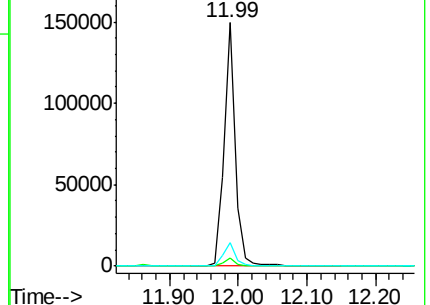
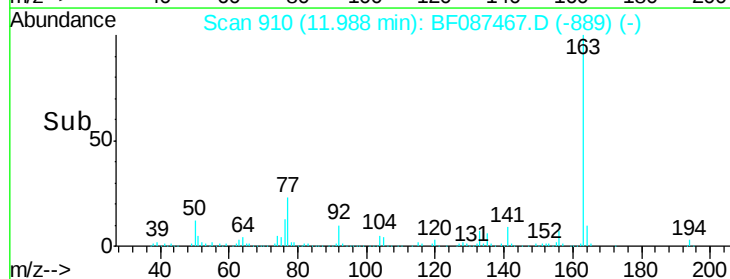
164 9.8 8.2 12.4

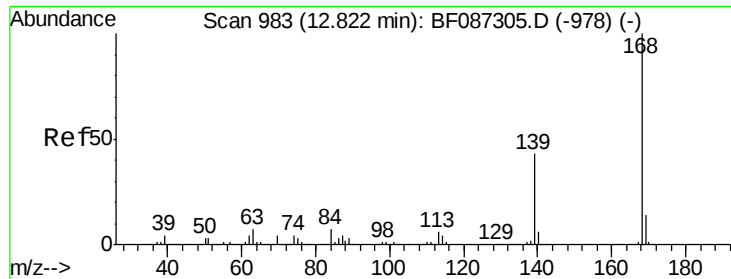


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

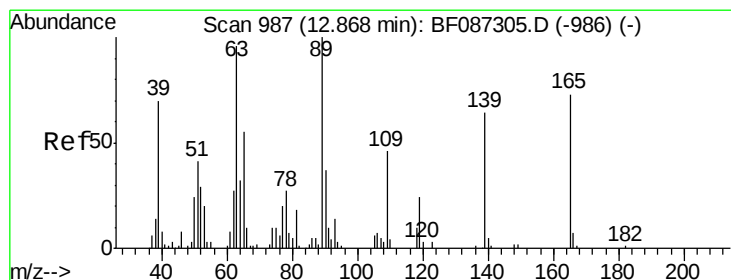
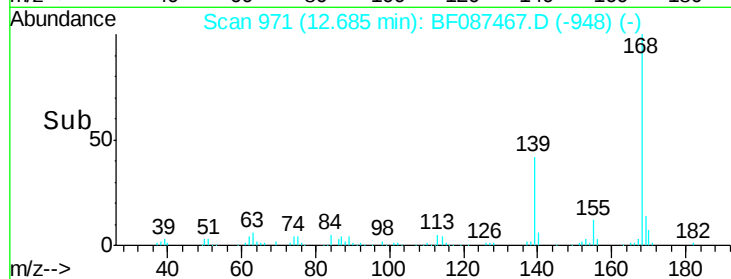
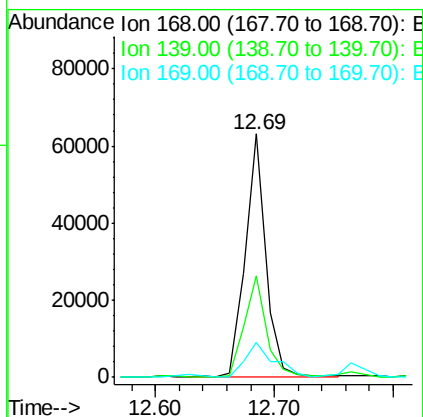
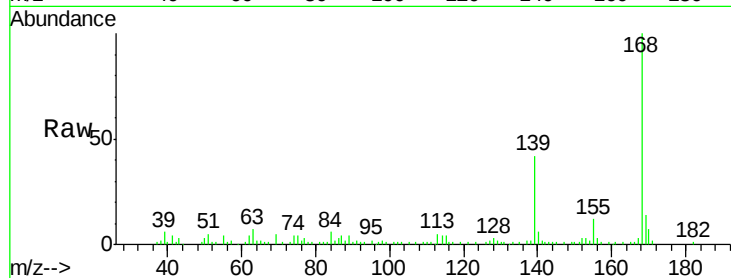




#54
Dibenzofuran
Concen: 4.45 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

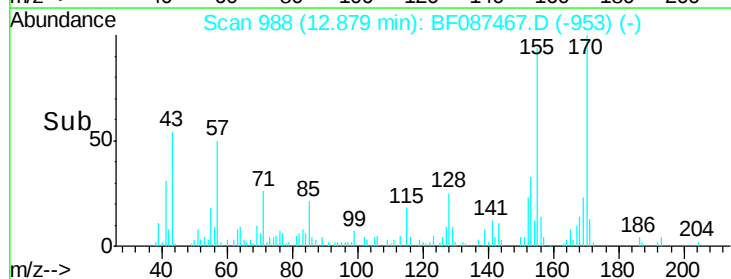
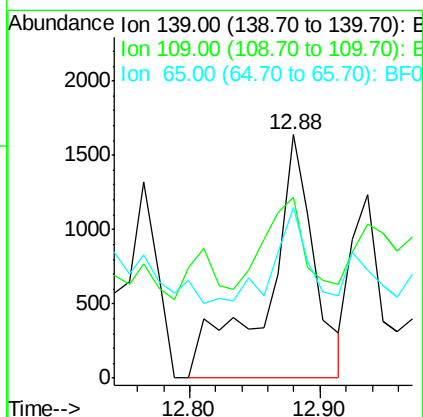
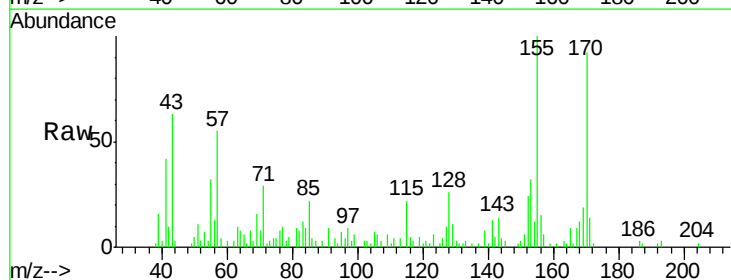
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

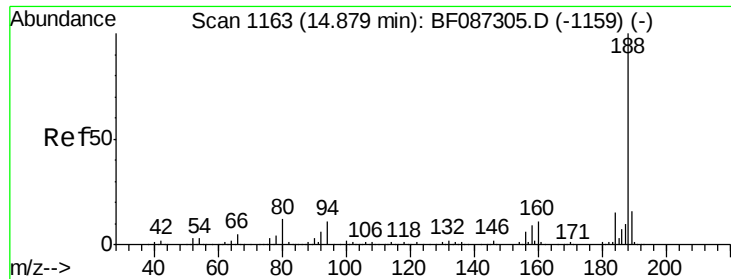
Tgt Ion:168 Resp: 77430
Ion Ratio Lower Upper
168 100
139 41.8 31.4 47.0
169 14.4 10.7 16.1



#55
4-Nitrophenol
Concen: 2.51 ng
RT: 12.88 min Scan# 988
Delta R.T. 0.10 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

Tgt Ion:139 Resp: 4069
Ion Ratio Lower Upper
139 100
109 74.2 36.9 76.9
65 70.3 64.0 104.0

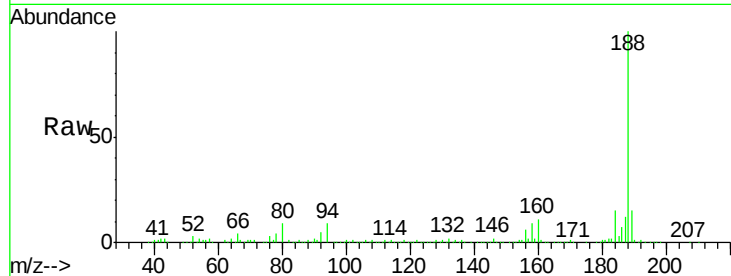




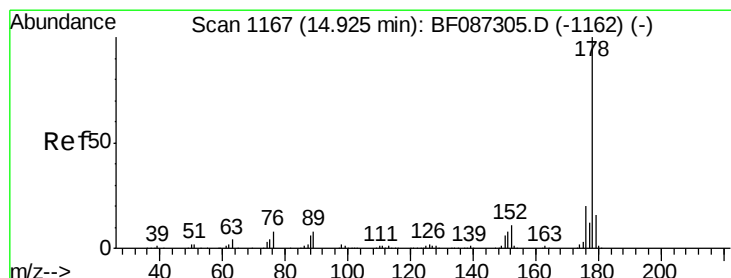
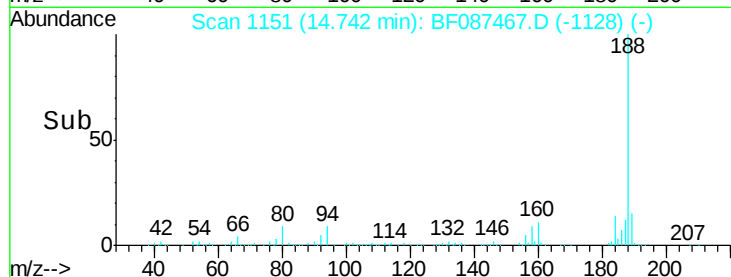
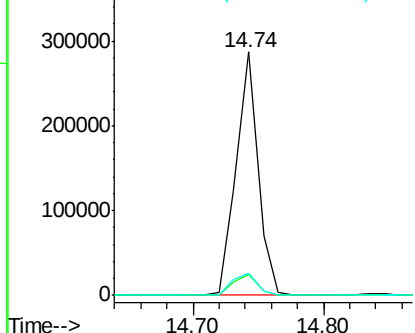
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tgt Ion:188 Resp: 336816
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.3 7.1 10.7

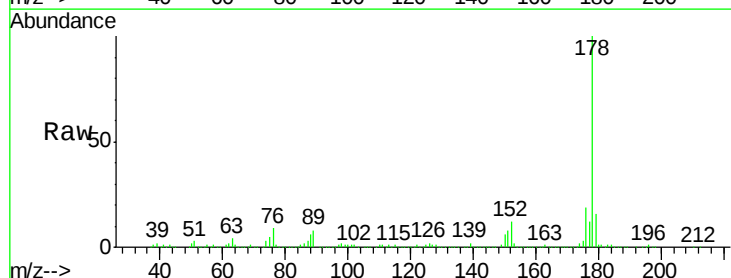


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

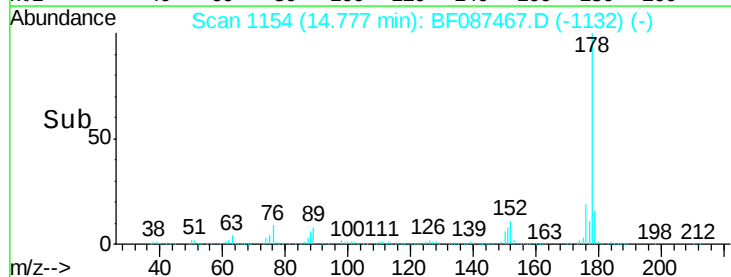
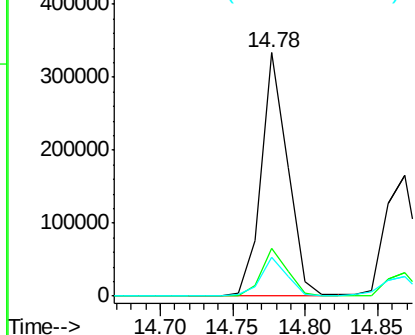


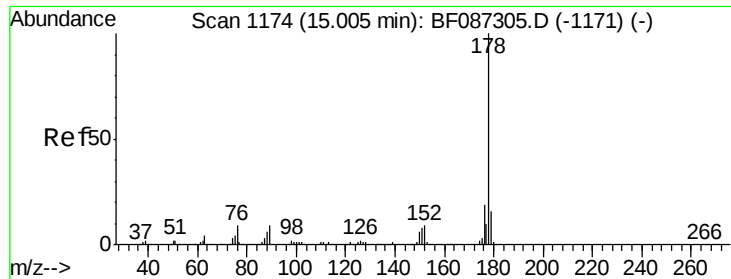
#70
Phenanthrene
Concen: 22.43 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BF087467.D
Acq: 28 May 2016 4:55

Tgt Ion:178 Resp: 418477
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.7 12.6 18.8



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

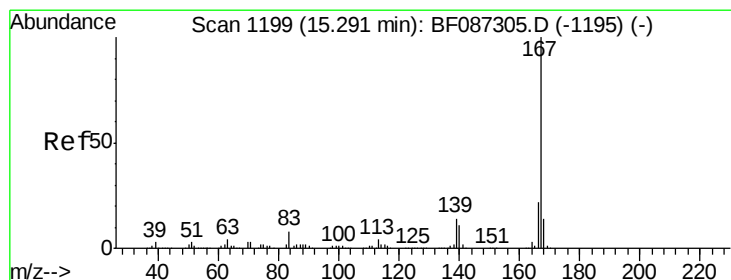
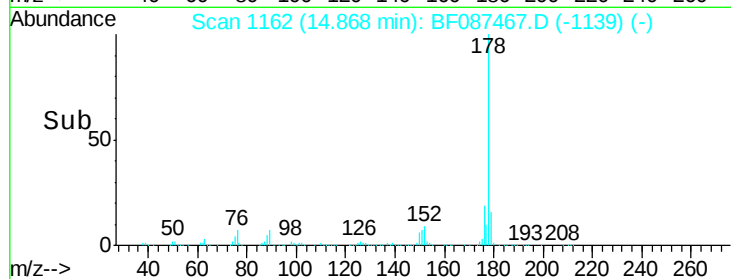
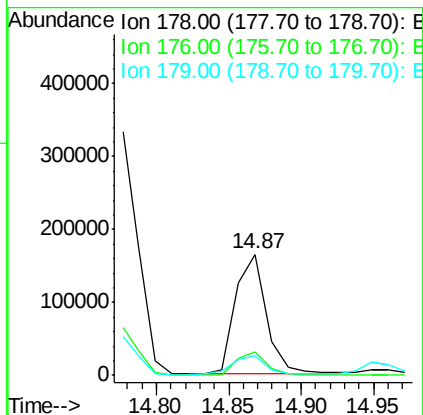
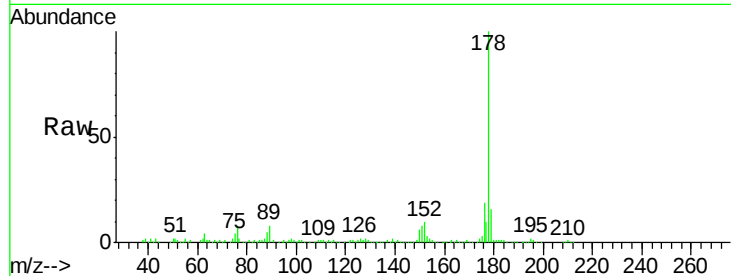




#71
 Anthracene
 Concen: 12.97 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.03 min
 Lab File: BF087467.D
 Acq: 28 May 2016 4:55

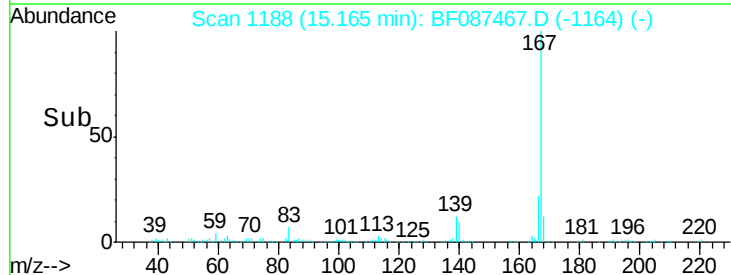
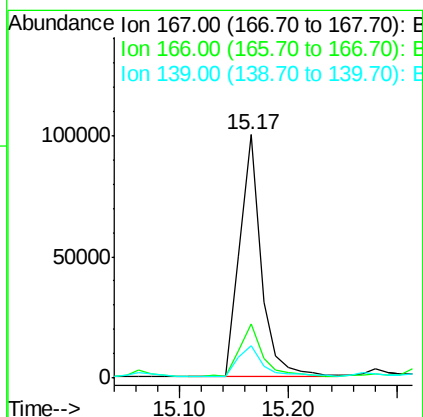
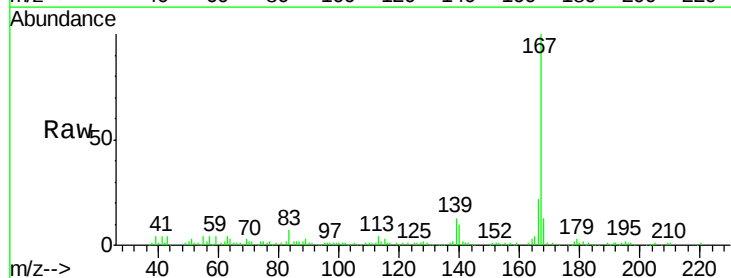
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

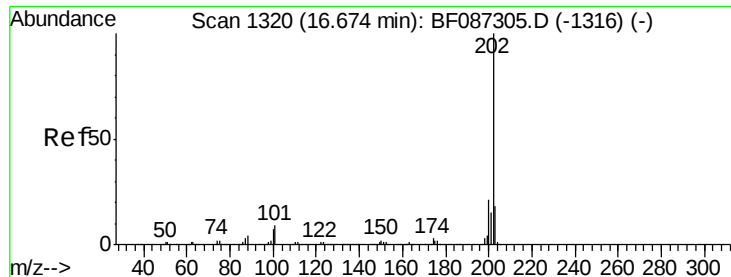
Tgt Ion:178 Resp: 244371
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.4 12.7 19.1



#72
 Carbazole
 Concen: 8.49 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF087467.D
 Acq: 28 May 2016 4:55

Tgt Ion:167 Resp: 136465
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.3 10.8 16.2





#74

Fluoranthene

Concen: 83.02 ng

RT: 16.56 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

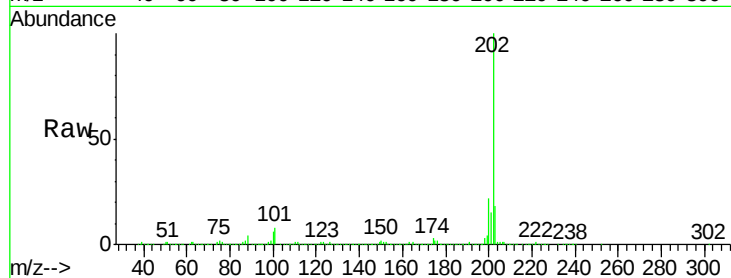
Tgt Ion:202 Resp: 1553116

Ion Ratio Lower Upper

202 100

101 7.6 0.0 35.4

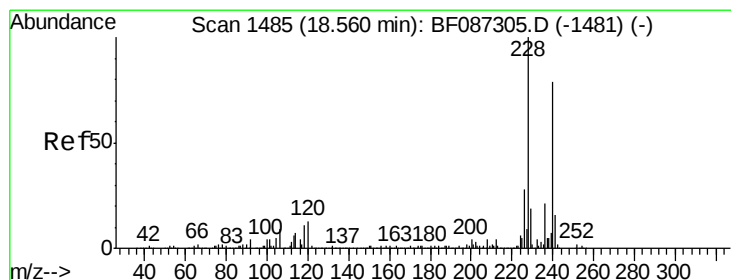
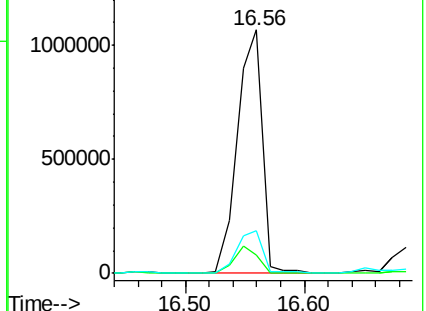
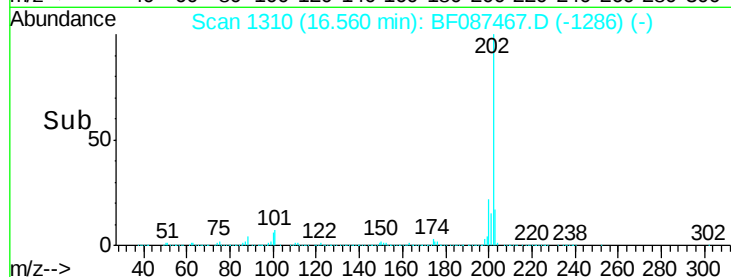
203 17.6 0.0 38.1



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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

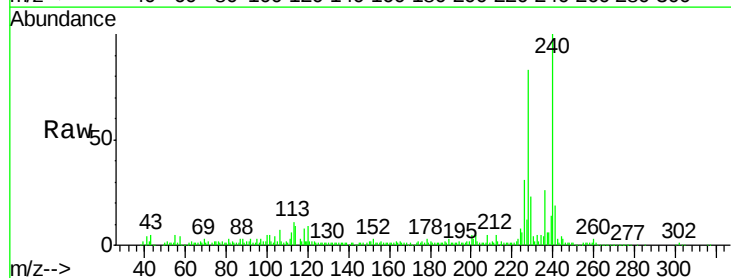
Tgt Ion:240 Resp: 241152

Ion Ratio Lower Upper

240 100

120 9.0 11.2 16.8#

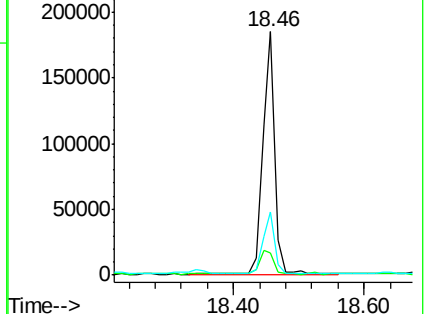
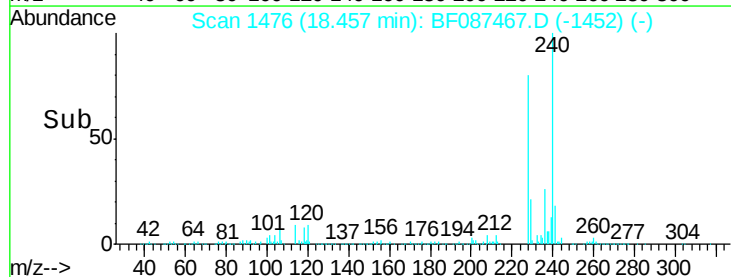
236 26.0 21.2 31.8

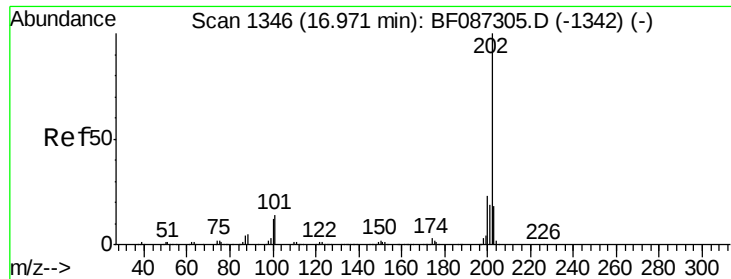


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 77.77 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

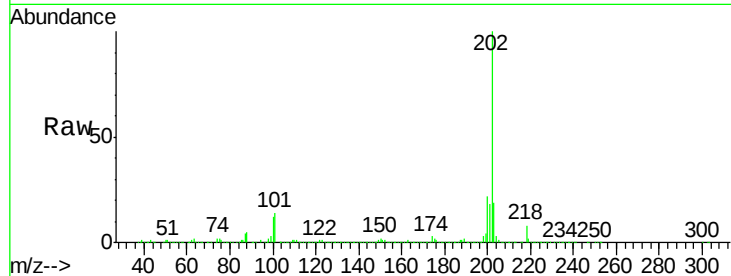
Tgt Ion:202 Resp: 1350008

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

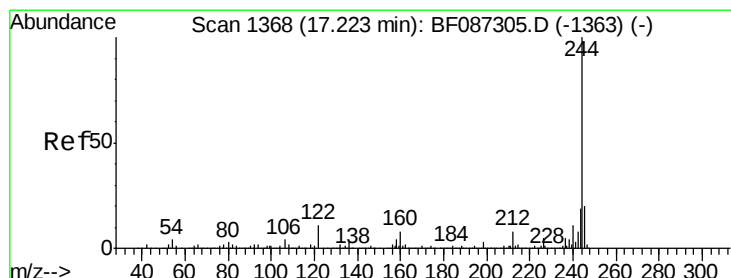
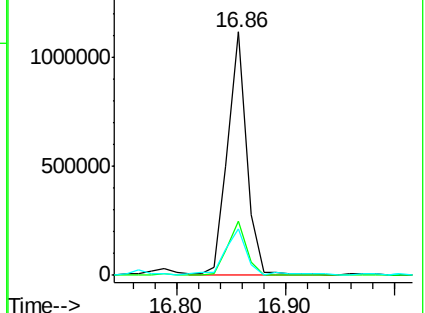
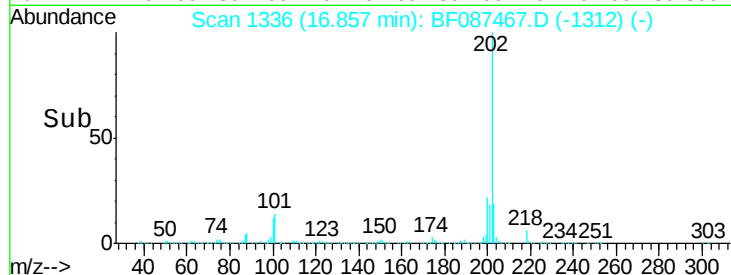
203 19.2 14.2 21.4



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: 55.47 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

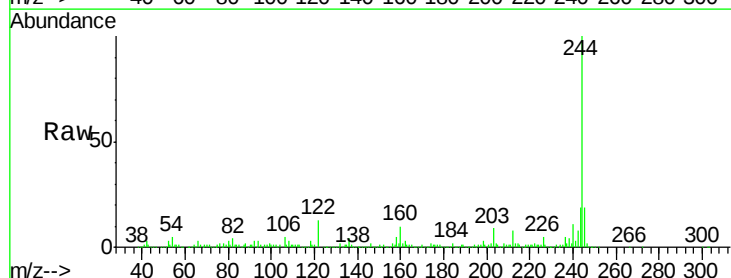
Tgt Ion:244 Resp: 629166

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

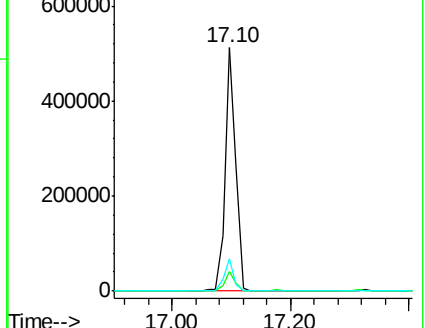
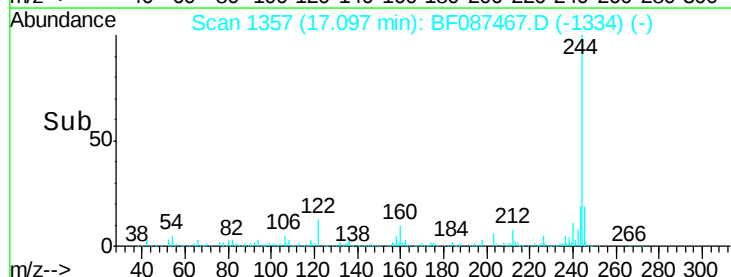
122 13.5 12.0 18.0

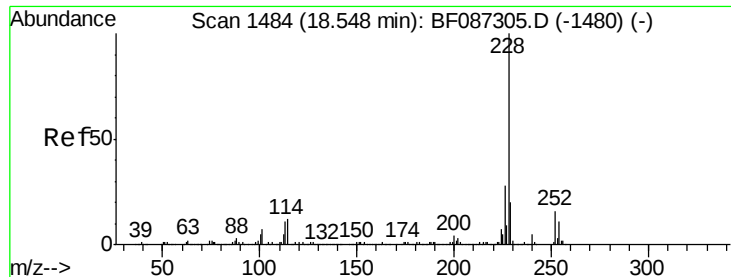


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 69.21 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

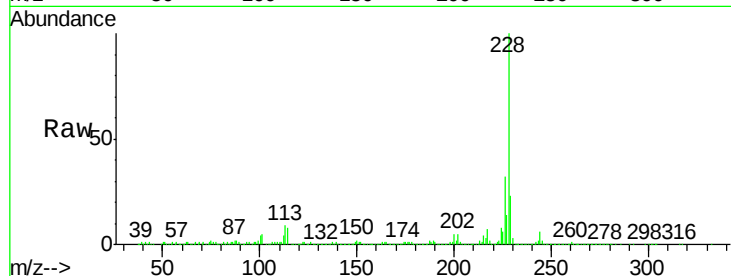
Tgt Ion:228 Resp: 949394

Ion Ratio Lower Upper

228 100

226 31.8 22.5 33.7

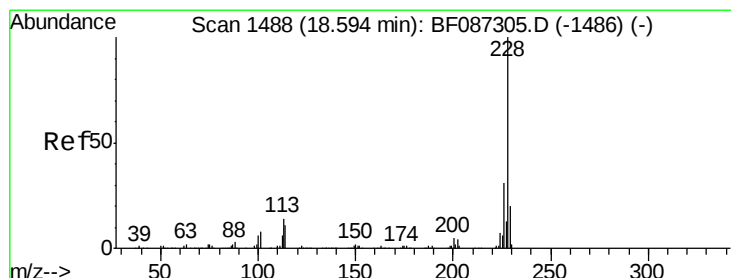
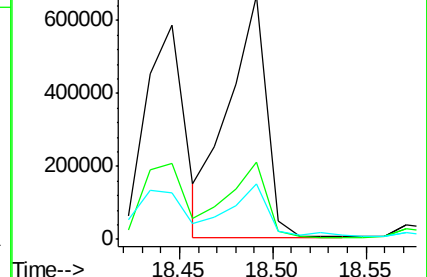
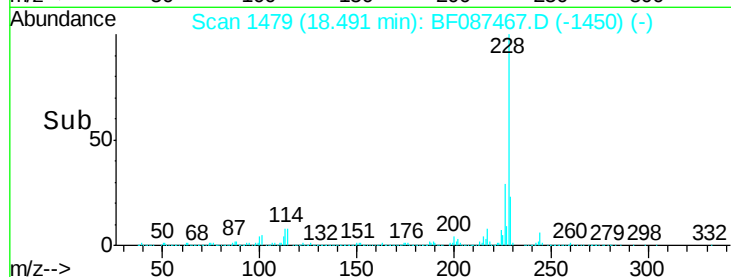
229 22.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 70.51 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.02 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

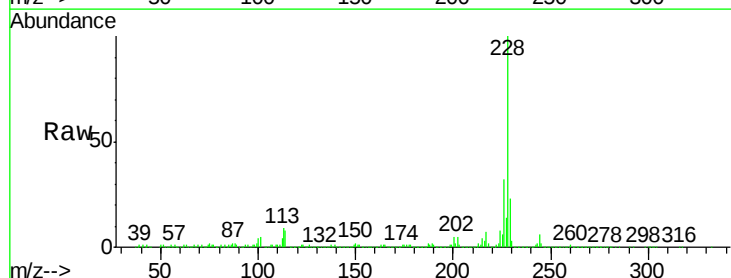
Tgt Ion:228 Resp: 959930

Ion Ratio Lower Upper

228 100

226 31.8 24.4 36.6

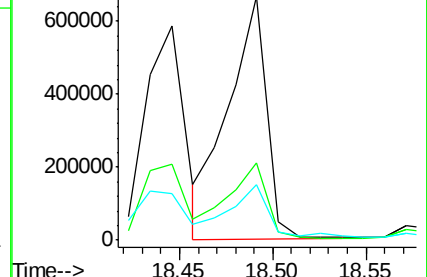
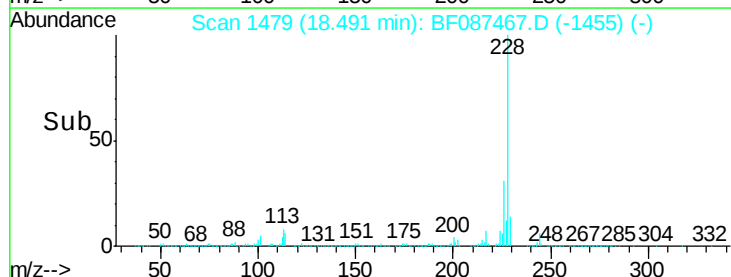
229 22.7 15.8 23.8

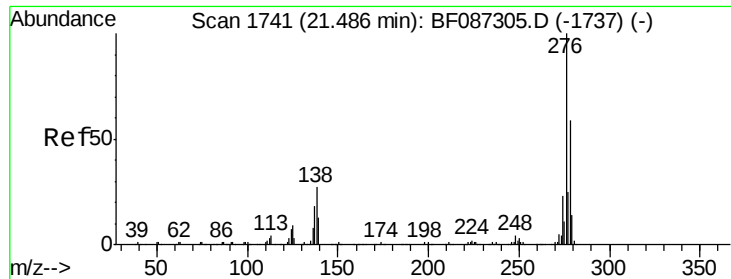


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

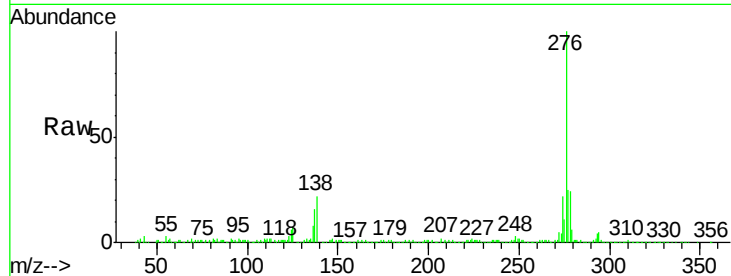




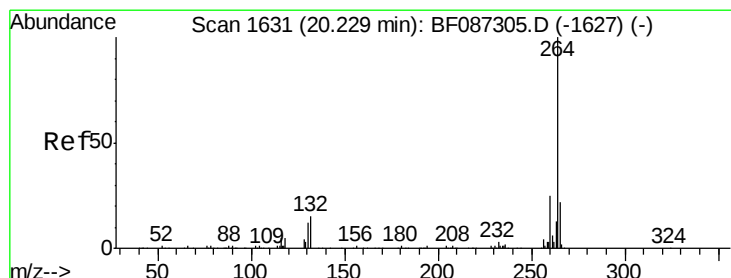
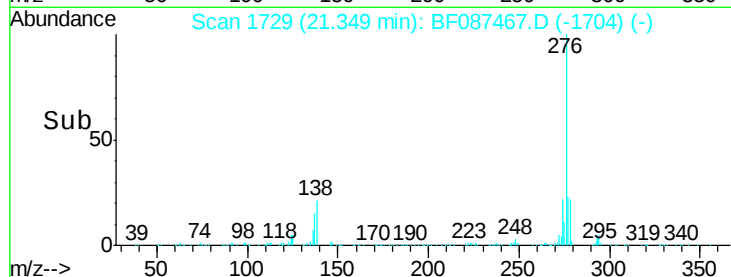
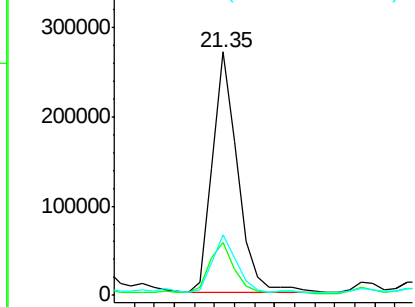
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.07 ng
 RT: 21.35 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BF087467.D
 Acq: 28 May 2016 4:55

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	25.6	38.4#
277	23.6	20.5	30.7

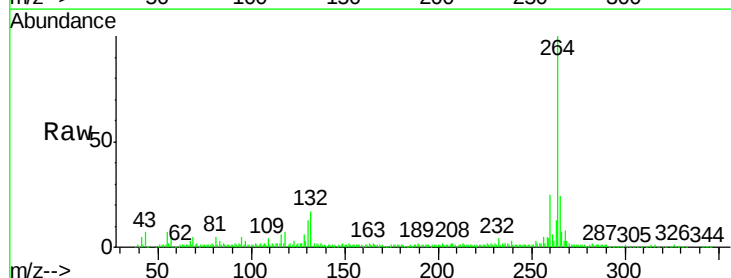


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

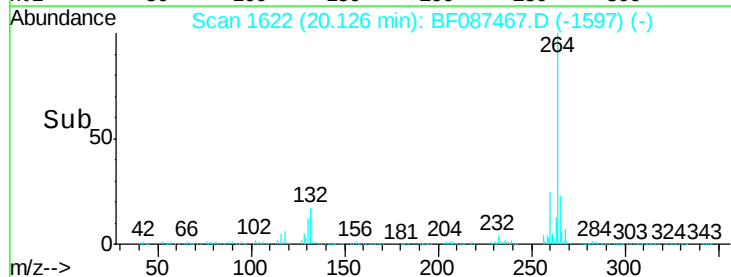
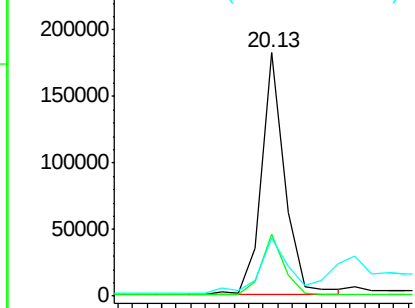


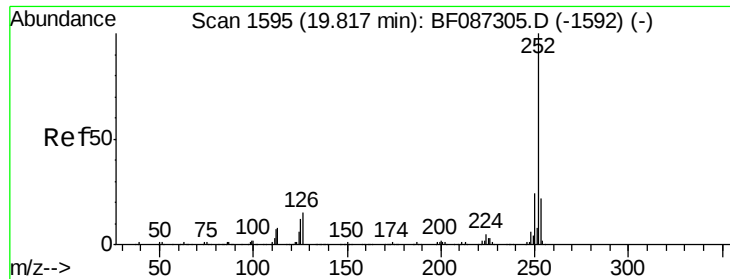
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087467.D
 Acq: 28 May 2016 4:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	23.6	17.3	25.9



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: 139.47 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

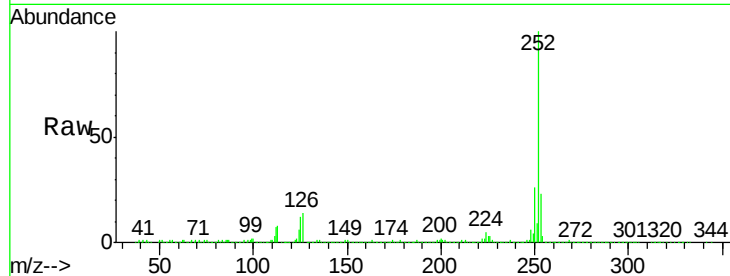
Tgt Ion:252 Resp: 1818038

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

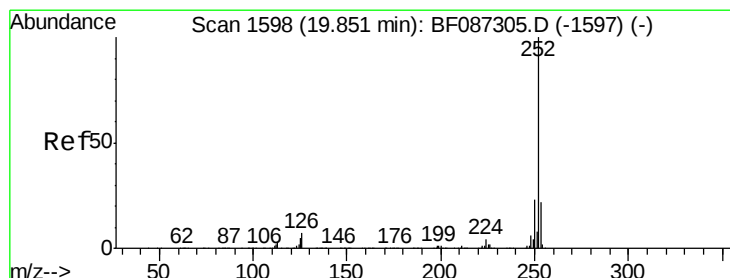
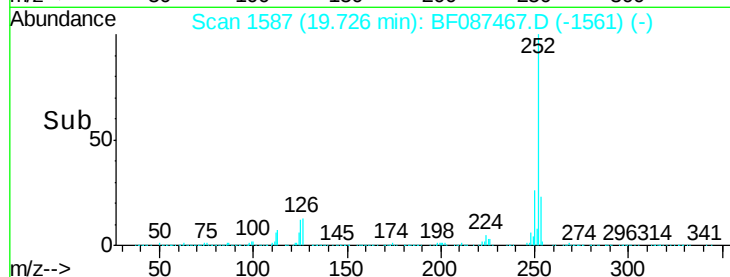
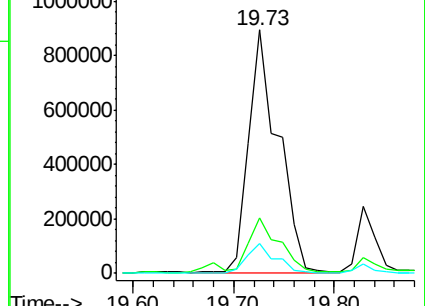
125 12.1 11.4 17.0



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



#88

Benzo(k)fluoranthene

Concen: 162.04 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.03 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

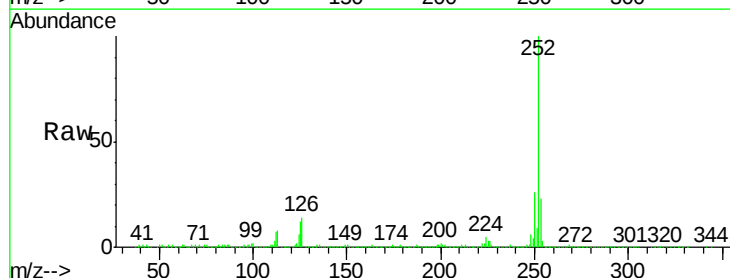
Tgt Ion:252 Resp: 1818038

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

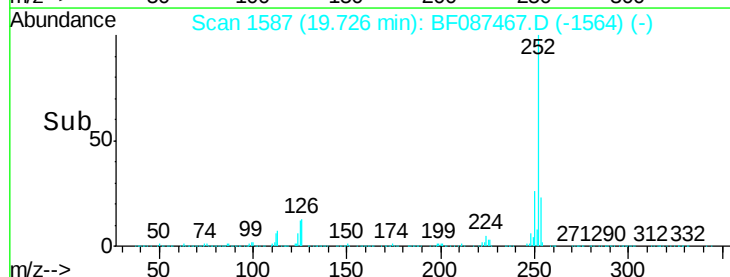
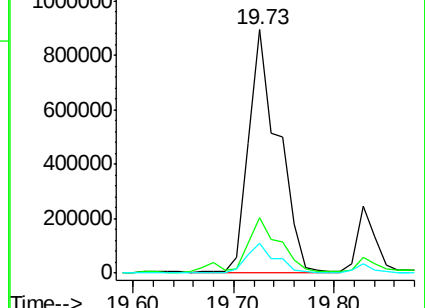
125 12.1 9.1 13.7

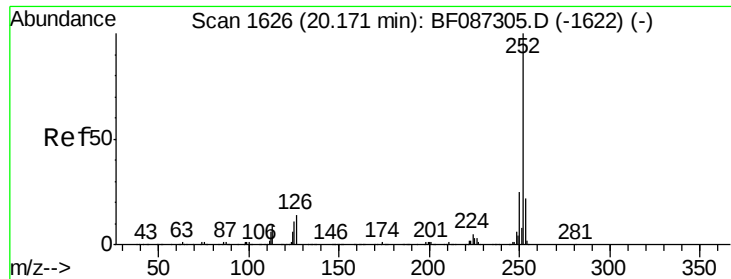


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 61.75 ng

RT: 20.07 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

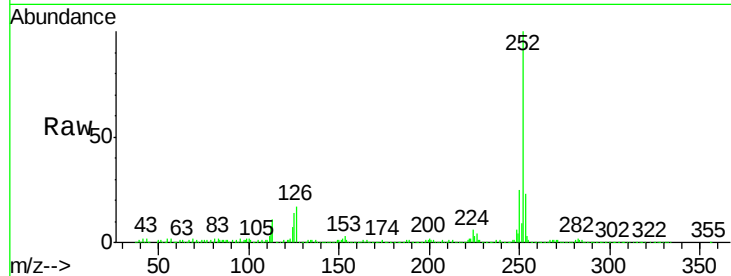
Tgt Ion:252 Resp: 696153

Ion Ratio Lower Upper

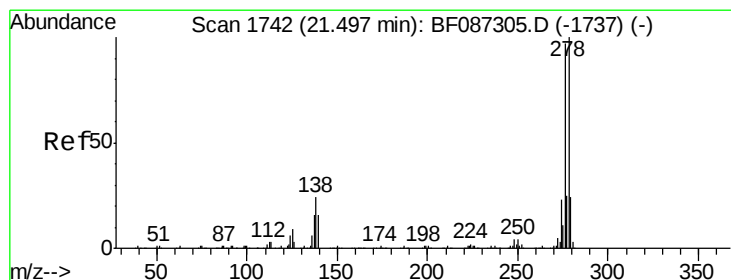
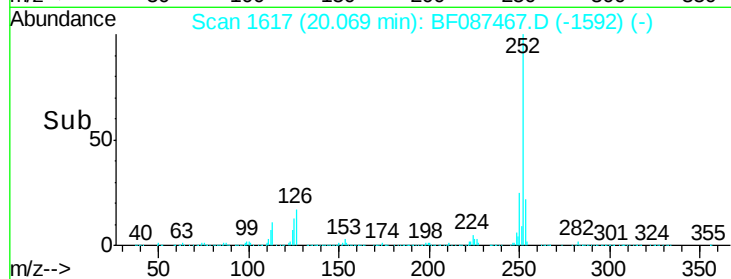
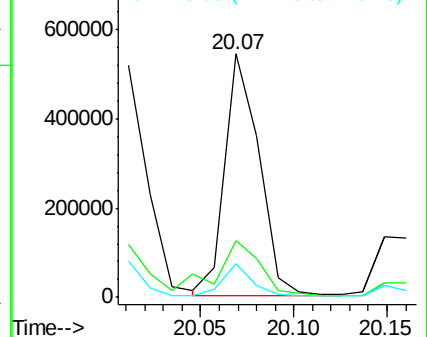
252 100

253 23.1 17.2 25.8

125 13.7 9.0 13.6#



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: 8.04 ng

RT: 21.49 min Scan# 1741

Delta R.T. 0.13 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

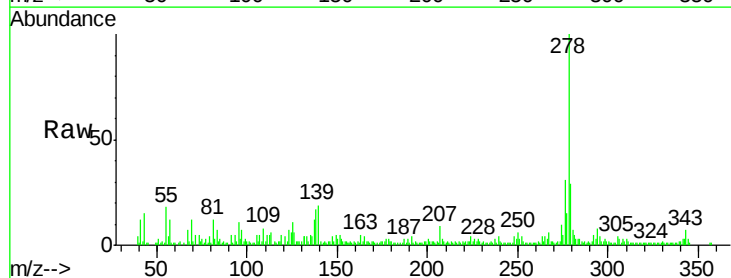
Tgt Ion:278 Resp: 77295

Ion Ratio Lower Upper

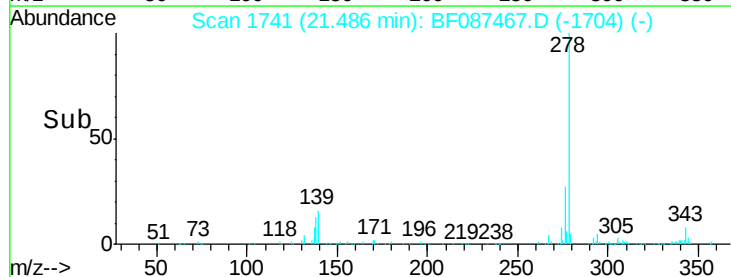
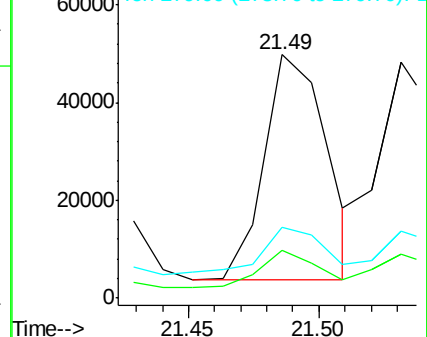
278 100

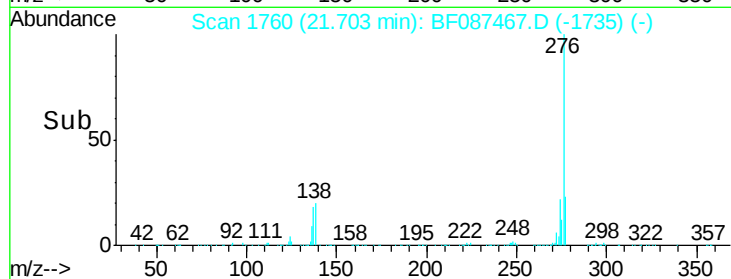
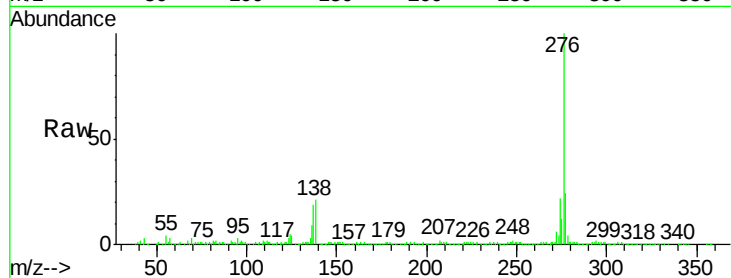
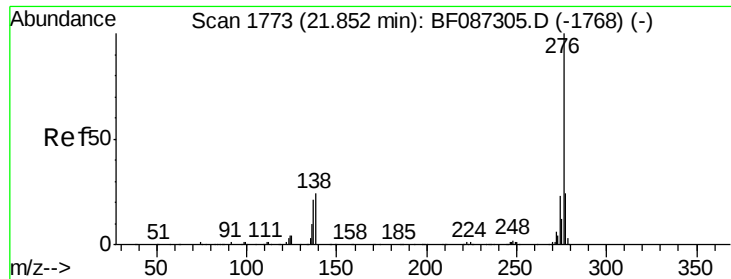
139 19.5 16.6 24.8

279 29.1 19.6 29.4



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: 40.33 ng

RT: 21.70 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF087467.D

Acq: 28 May 2016 4:55

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

Tgt Ion: 276 Resp: 382581

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 21.1 23.6 35.4#

