

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087354.D
 Acq On : 25 May 2016 00:16
 Operator : UM/SJ
 Sample : H3191-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Quant Time: May 25 01:15:04 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 00:58:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	116102	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	465745	20.00	ng	-0.01
38) Acenaphthene-d10	12.42	164	223919	20.00	ng	0.00
63) Phenanthrene-d10	14.82	188	436346	20.00	ng	0.00
75) Chrysene-d12	18.51	240	350986	20.00	ng	0.00
86) Perylene-d12	20.18	264	240851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	944514	142.95	ng	0.03
7) Phenol-d6	7.11	99	1186999	132.95	ng	0.00
23) Nitrobenzene-d5	8.48	82	903536	97.77	ng	-0.01
41) 2,4,6-Tribromophenol	13.73	330	338054	157.10	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1507566	94.92	ng	-0.01
78) Terphenyl-d14	17.17	244	1532724	92.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	55170	15.82	ng	# 22
4) n-Nitrosodimethylamine	2.58	42	251518	42.83	ng	# 48
6) Aniline	7.07	93	167125	14.47	ng	94
8) 2-Chlorophenol	7.24	128	384688	46.69	ng	91
9) Benzaldehyde	6.92	77	31139	6.32	ng	98
10) Phenol	7.13	94	461313	47.32	ng	80
11) bis(2-Chloroethyl)ether	7.20	93	392433	49.73	ng	85
12) 1,3-Dichlorobenzene	7.46	146	361670	40.24	ng	96
13) 1,4-Dichlorobenzene	7.59	146	371440	40.26	ng	96
14) 1,2-Dichlorobenzene	7.82	146	357603	41.90	ng	98
15) Benzyl Alcohol	7.86	79	363392	55.83	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.06	45	758810	42.74	ng	98
17) 2-Methylphenol	8.07	107	315108	47.72	ng	# 84
18) Hexachloroethane	8.33	117	136571	39.68	ng	96
19) n-Nitroso-di-n-propylamine	8.27	70	325262	48.85	ng	# 68
20) 3+4-Methylphenols	8.33	107	414070	51.87	ng	# 60
22) Acetophenone	8.24	105	571811	51.39	ng	# 96
24) Nitrobenzene	8.50	77	465800	47.75	ng	97
25) Isophorone	8.90	82	820620	49.51	ng	98
26) 2-Nitrophenol	9.00	139	200027	50.16	ng	# 70
27) 2,4-Dimethylphenol	9.15	122	350941	50.70	ng	90
28) bis(2-Chloroethoxy)methane	9.28	93	488400	52.32	ng	98
29) 2,4-Dichlorophenol	9.43	162	331277	53.10	ng	99
30) 1,2,4-Trichlorobenzene	9.51	180	334607	46.85	ng	95
31) Naphthalene	9.62	128	1146704	49.13	ng	99
32) Benzoic acid	9.48	122	171090	48.00	ng	# 80
33) 4-Chloroaniline	9.79	127	75300	8.76	ng	# 92
34) Hexachlorobutadiene	9.84	225	190178	43.81	ng	98
35) Caprolactam	10.41	113	50820	27.91	ng	# 43
36) 4-Chloro-3-methylphenol	10.64	107	378173	53.62	ng	95
37) 2-Methylnaphthalene	10.75	142	743190	50.97	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	320573	44.72	ng	98
40) Hexachlorocyclopentadiene	10.99	237	235520	79.86	ng	95
42) 2,4,6-Trichlorophenol	11.26	196	211276	51.07	ng	92

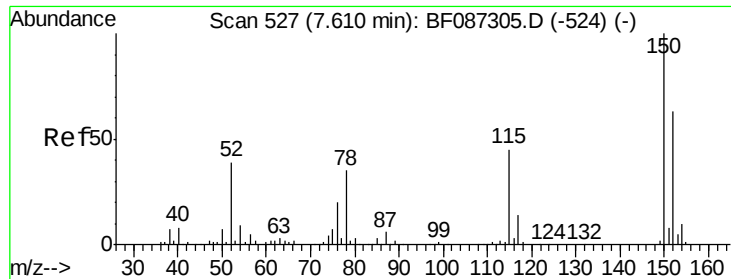
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.34	196	211808	50.27	ng	# 93
45) 1,1'-Biphenyl	11.52	154	915340	48.55	ng	97
46) 2-Chloronaphthalene	11.53	162	686769	47.61	ng	# 91
47) 2-Nitroaniline	11.75	65	282430	54.35	ng	# 75
48) Acenaphthylene	12.19	152	1124208	49.23	ng	99
49) Dimethylphthalate	12.08	163	891220	49.69	ng	100
50) 2,6-Dinitrotoluene	12.17	165	190657	52.75	ng	91
51) Acenaphthene	12.48	154	696259	49.61	ng	98
52) 3-Nitroaniline	12.43	138	73215	19.74	ng	# 77
53) 2,4-Dinitrophenol	12.63	184	176882	94.34	ng	# 77
54) Dibenzofuran	12.76	168	1017746	53.56	ng	96
55) 4-Nitrophenol	12.81	139	190506	107.66	ng	# 56
56) 2,4-Dinitrotoluene	12.83	165	261307	54.09	ng	90
57) Fluorene	13.31	166	831896	50.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	195012	60.17	ng	97
59) Diethylphthalate	13.23	149	917623	52.62	ng	97
60) 4-Chlorophenyl-phenylether	13.35	204	395355	49.20	ng	89
61) 4-Nitroaniline	13.44	138	156900	45.32	ng	# 66
62) Azobenzene	13.60	77	1016977	56.21	ng	86
64) 4,6-Dinitro-2-methylphenol	13.50	198	131434	47.37	ng	# 76
65) n-Nitrosodiphenylamine	13.57	169	687356	48.71	ng	100
66) 4-Bromophenyl-phenylether	14.13	248	231098	48.41	ng	95
67) Hexachlorobenzene	14.21	284	239481	47.97	ng	# 87
68) Atrazine	14.48	200	163279	36.30	ng	94
69) Pentachlorophenol	14.56	266	196102	122.80	ng	99
70) Phenanthrene	14.87	178	1248391	51.65	ng	99
71) Anthracene	14.95	178	1231771	50.45	ng	100
72) Carbazole	15.23	167	1054081	50.62	ng	99
73) Di-n-butylphthalate	15.81	149	1351218	50.17	ng	# 98
74) Fluoranthene	16.62	202	1208535	49.86	ng	96
77) Pyrene	16.93	202	1243572	49.22	ng	100
79) Butylbenzylphthalate	17.83	149	544432	48.59	ng	# 68
80) Benzo(a)anthracene	18.50	228	1002795	50.23	ng	99
81) 3,3'-Dichlorobenzidine	18.49	252	75499	6.85	ng	99
82) Chrysene	18.55	228	991333	50.03	ng	100
83) Bis(2-ethylhexyl)phthalate	18.57	149	772466	47.25	ng	# 96
84) Di-n-octyl phthalate	19.35	149	1219929	48.93	ng	# 86
85) Indeno(1,2,3-cd)pyrene	21.42	276	718047	45.21	ng	95
87) Benzo(b)fluoranthene	19.77	252	1610844	104.99	ng	# 96
88) Benzo(k)fluoranthene	19.77	252	1611701	122.05	ng	98
89) Benzo(a)pyrene	20.13	252	738777	55.68	ng	# 96
90) Dibenzo(a,h)anthracene	21.43	278	613350	54.19	ng	# 92
91) Benzo(g,h,i)perylene	21.77	276	599646	53.70	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF087354.D

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CHS-STA-1711(0-4)MS

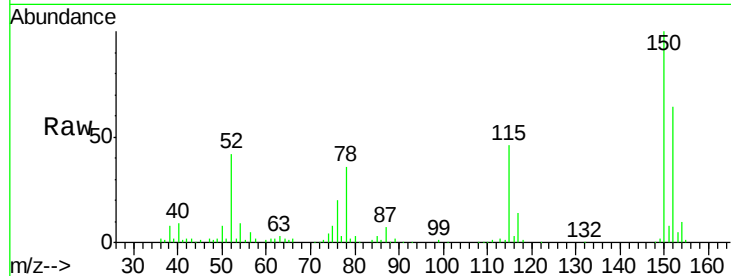
Tgt Ion: 152 Resp: 116102

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

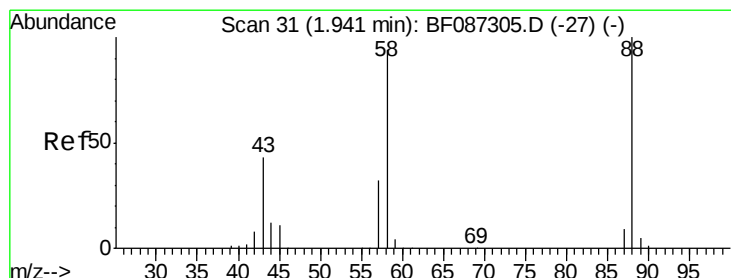
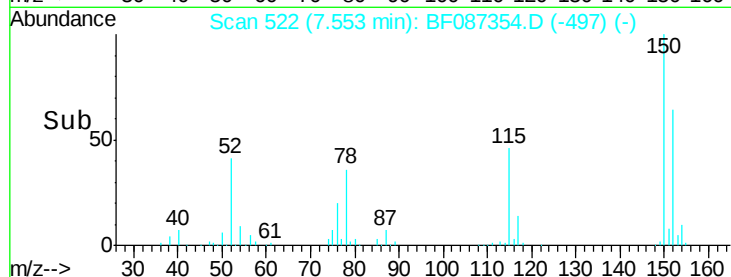
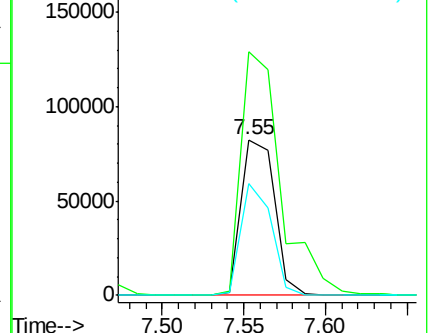
115 71.6 51.5 77.3



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: 15.82 ng

RT: 1.66 min Scan# 6

Delta R.T. -0.21 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

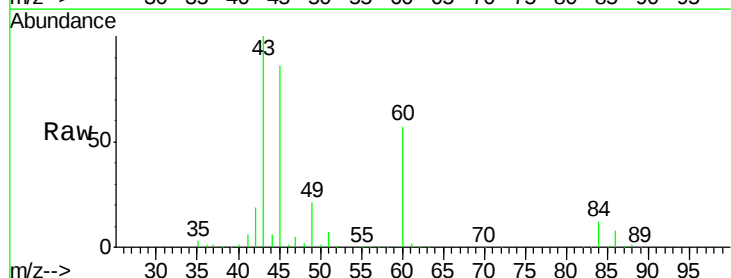
Tgt Ion: 88 Resp: 55170

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

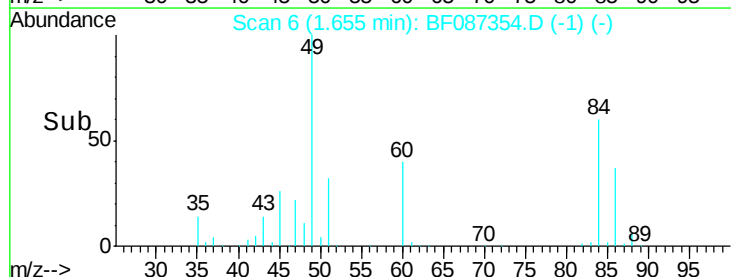
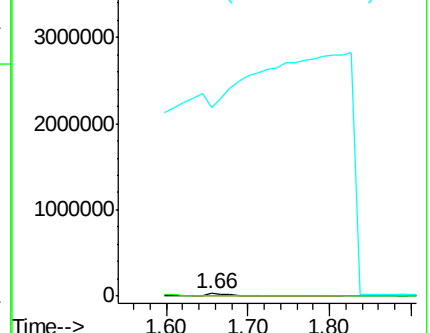
43 0.0 21.8 32.6#

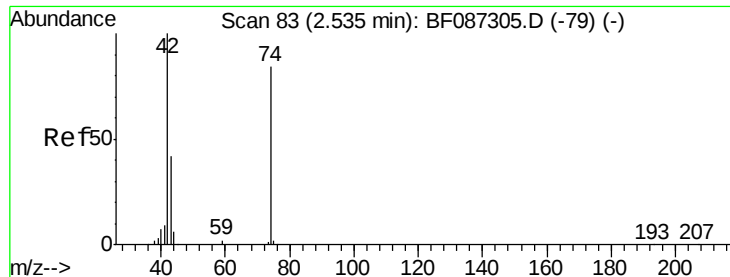


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



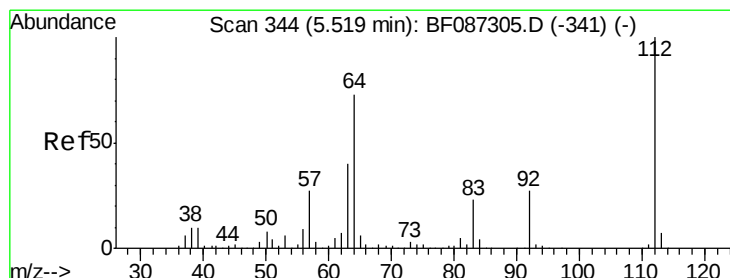
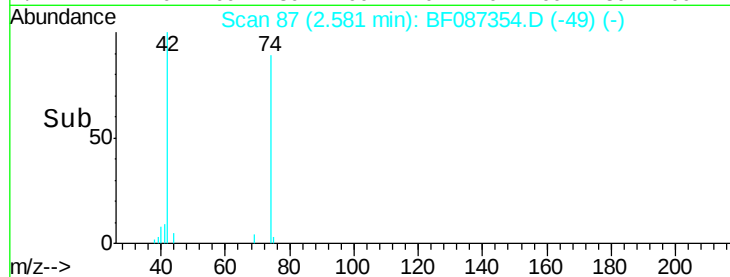
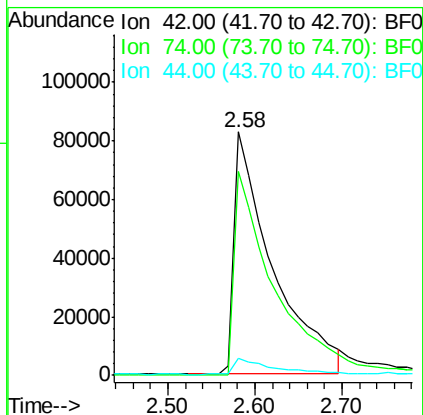
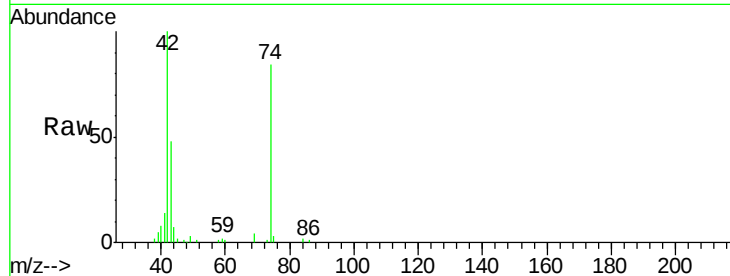


#4

n-Nitrosodimethylamine
 Concen: 42.83 ng
 RT: 2.58 min Scan# 87
 Delta R.T. 0.14 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
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 CHS-STA-1711(0-4)MS

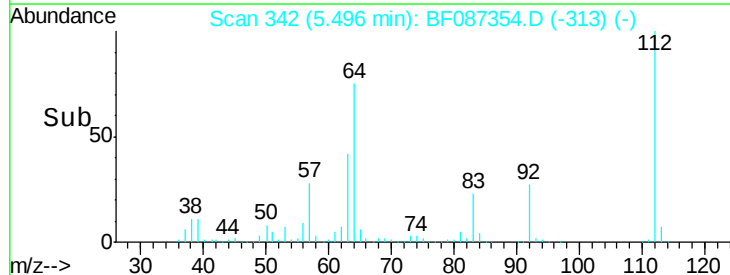
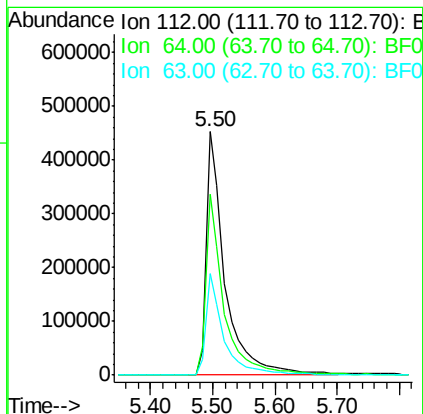
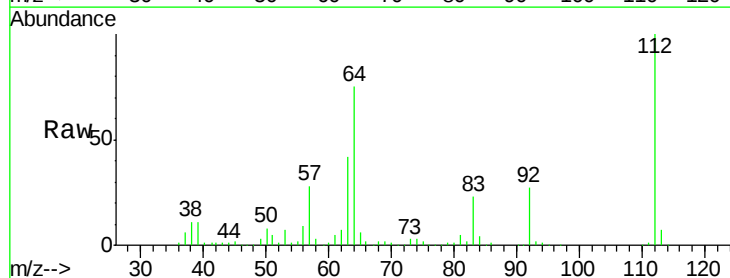
Tgt Ion: 42 Resp: 251518
 Ion Ratio Lower Upper
 42 100
 74 83.9 123.4 185.0#
 44 6.8 5.8 8.6

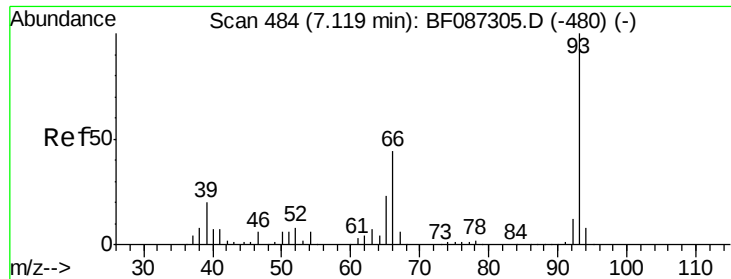


#5

2-Fluorophenol
 Concen: 142.95 ng
 RT: 5.50 min Scan# 342
 Delta R.T. 0.03 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion: 112 Resp: 944514
 Ion Ratio Lower Upper
 112 100
 64 74.5 52.1 78.1
 63 41.7 25.7 38.5#





#6

Aniline

Concen: 14.47 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

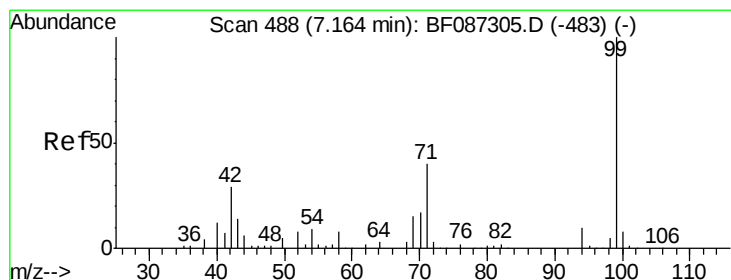
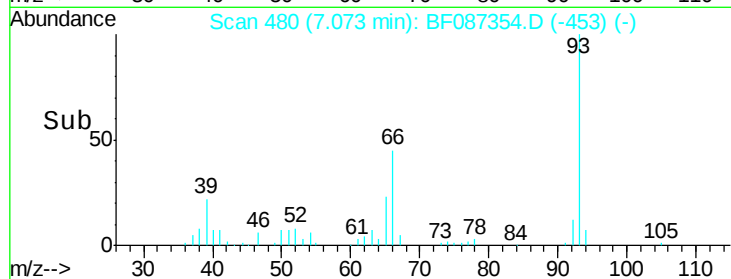
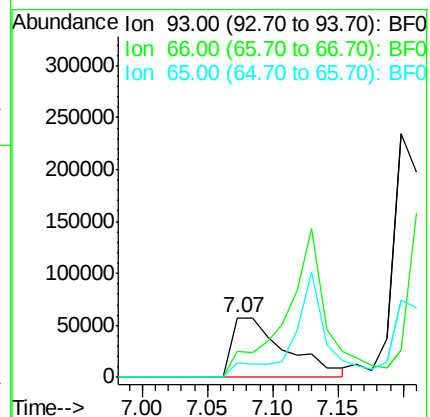
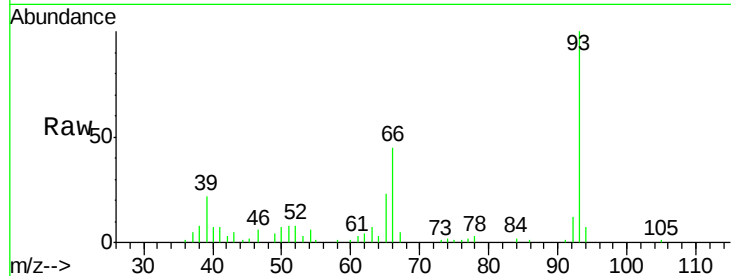
Tgt Ion: 93 Resp: 167125

Ion Ratio Lower Upper

93 100

66 44.6 39.0 58.6

65 23.3 20.6 31.0



#7

Phenol-d6

Concen: 132.95 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

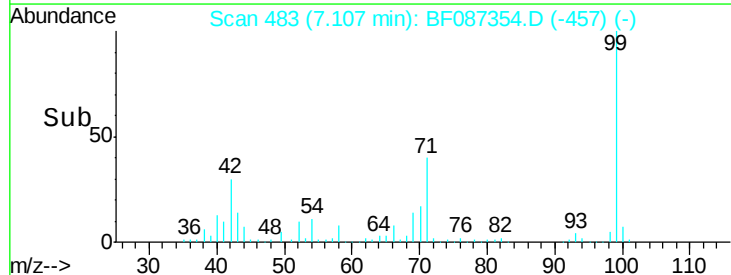
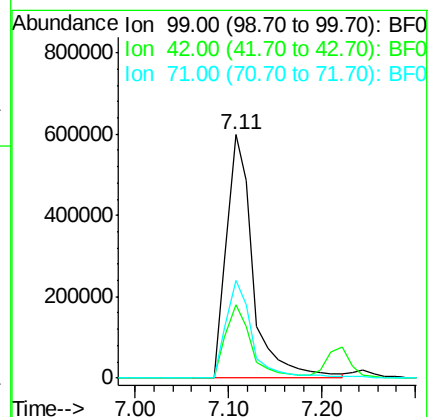
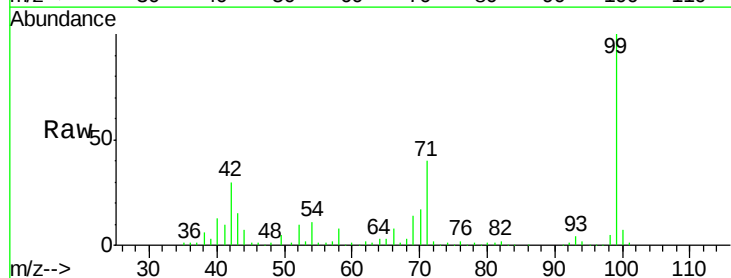
Tgt Ion: 99 Resp: 1186999

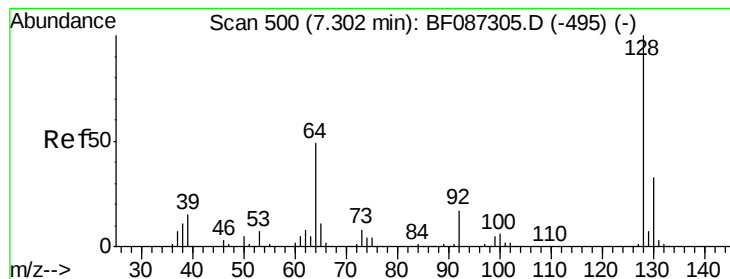
Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

71 39.9 24.6 36.8#





#8

2-Chlorophenol

Concen: 46.69 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

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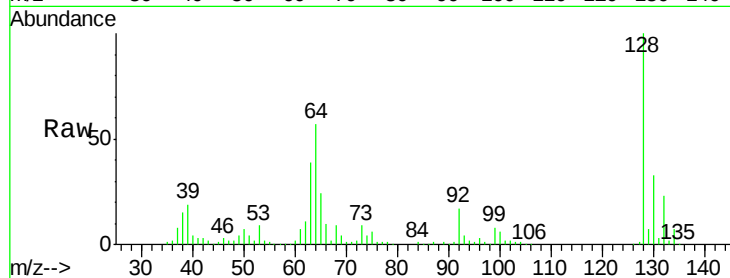
Tgt Ion:128 Resp: 384688

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

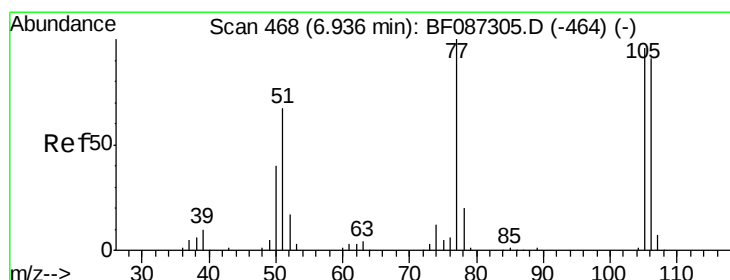
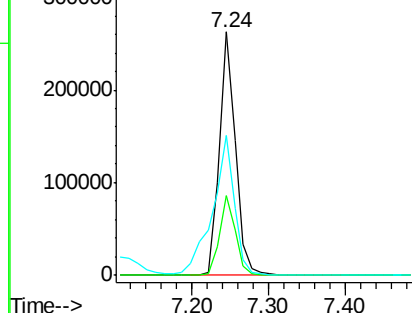
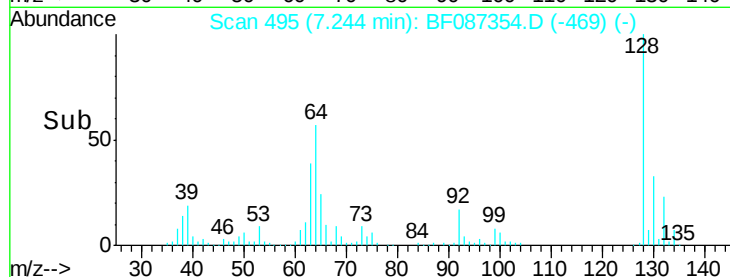
64 57.4 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 6.32 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

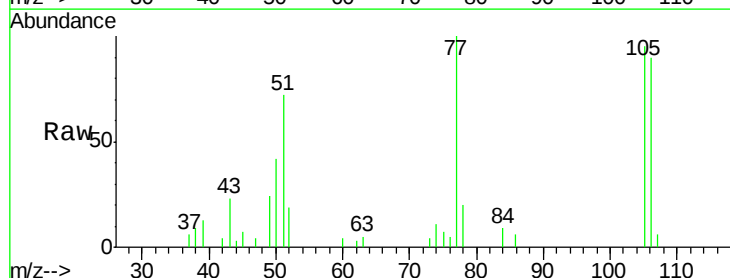
Tgt Ion: 77 Resp: 31139

Ion Ratio Lower Upper

77 100

105 95.4 72.7 112.7

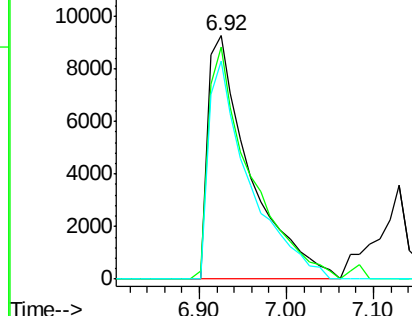
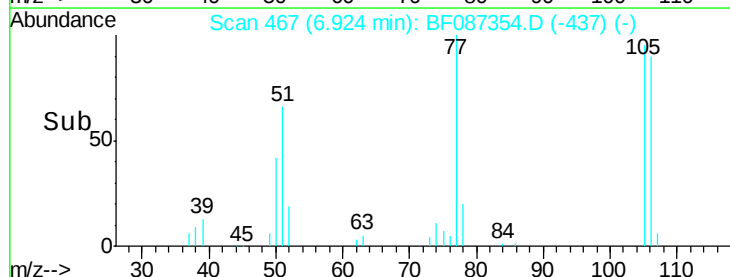
106 89.6 70.8 110.8

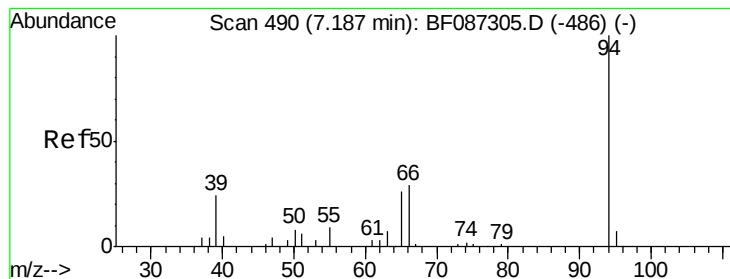


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 47.32 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

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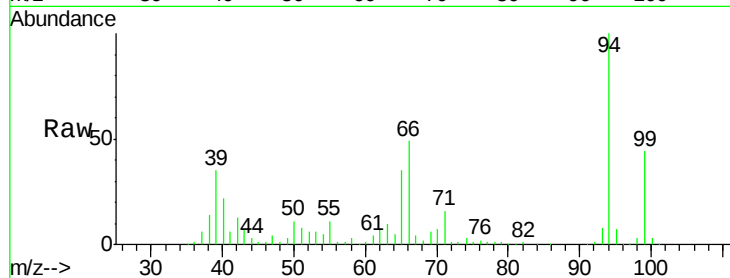
Tgt Ion: 94 Resp: 461313

Ion Ratio Lower Upper

94 100

65 34.9 7.2 47.2

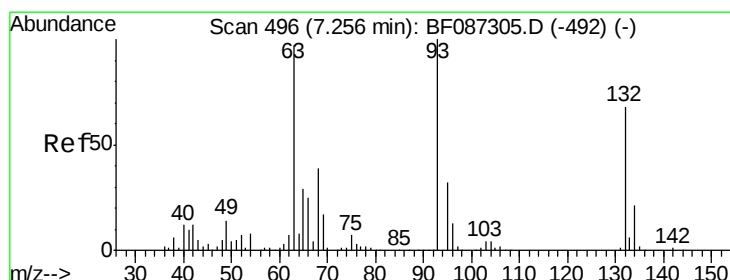
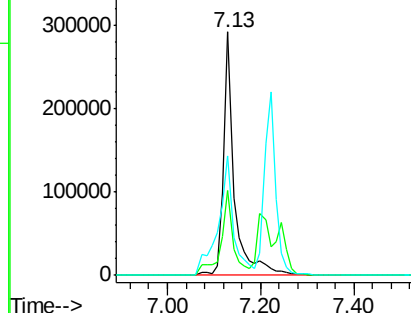
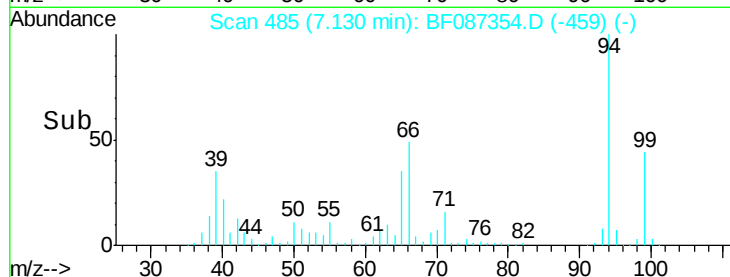
66 49.2 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 49.73 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

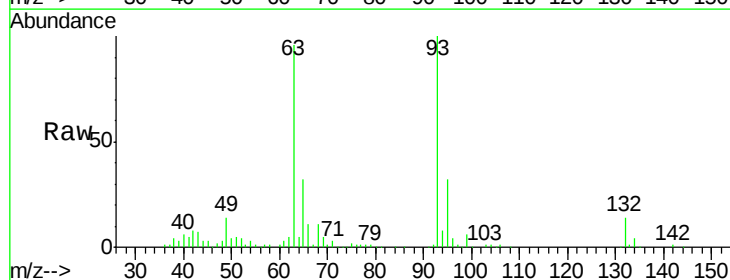
Tgt Ion: 93 Resp: 392433

Ion Ratio Lower Upper

93 100

63 96.3 58.0 98.0

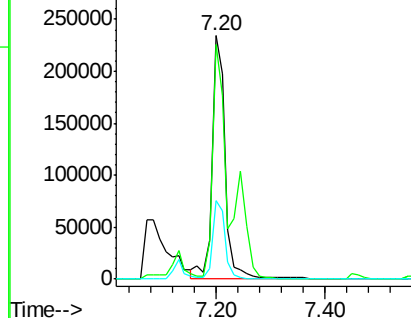
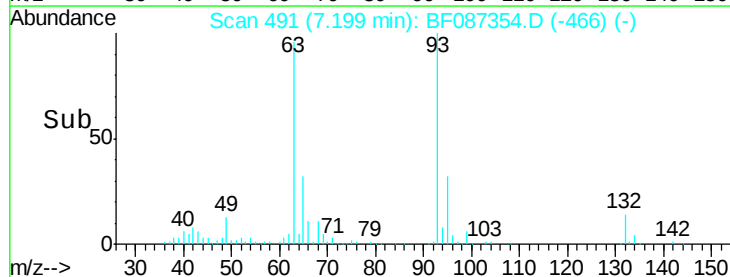
95 32.4 11.9 51.9

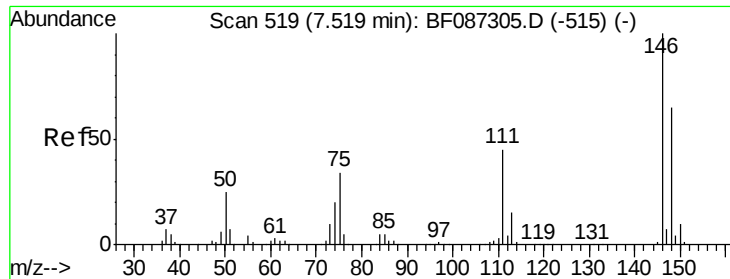


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

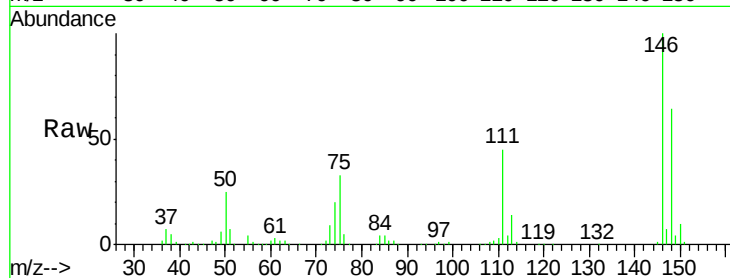




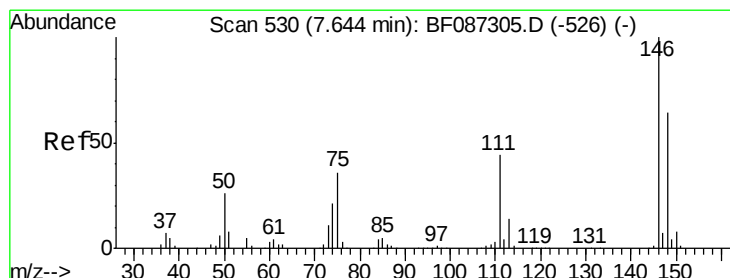
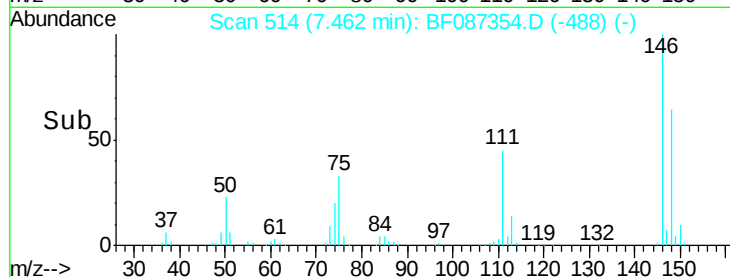
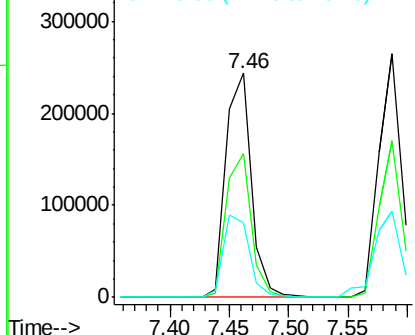
#12
 1,3-Dichlorobenzene
 Concen: 40.24 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.4	78.6
75	33.4	22.8	34.2

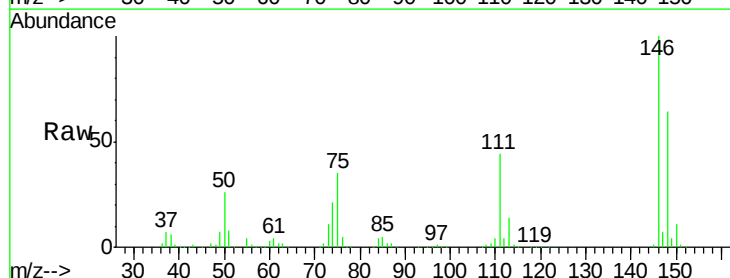


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

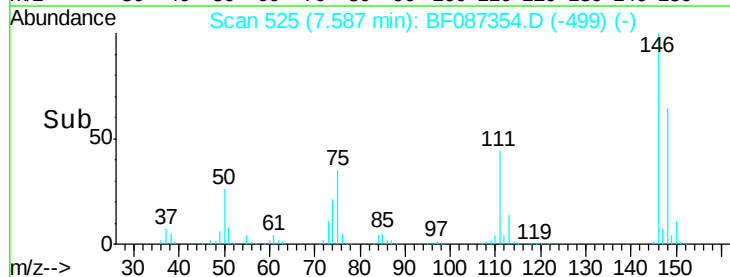
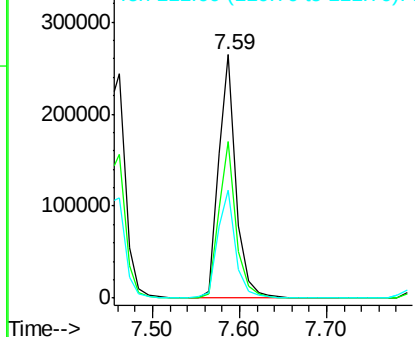


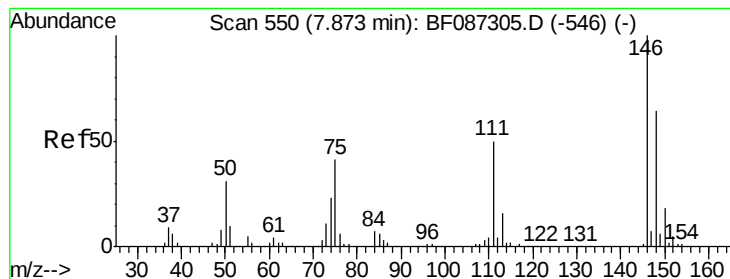
#13
 1,4-Dichlorobenzene
 Concen: 40.26 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	44.2	30.7	46.1



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

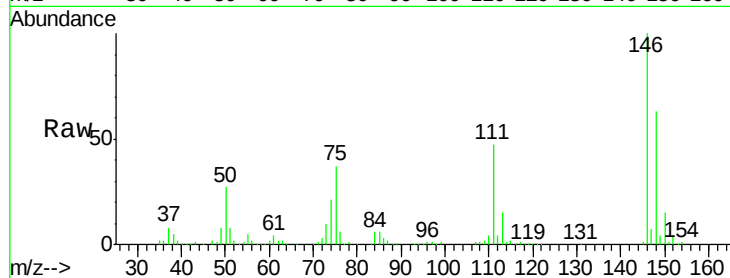




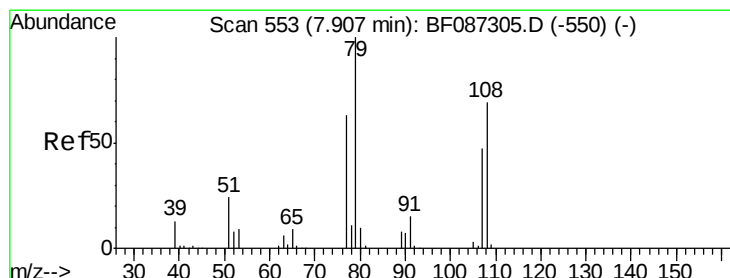
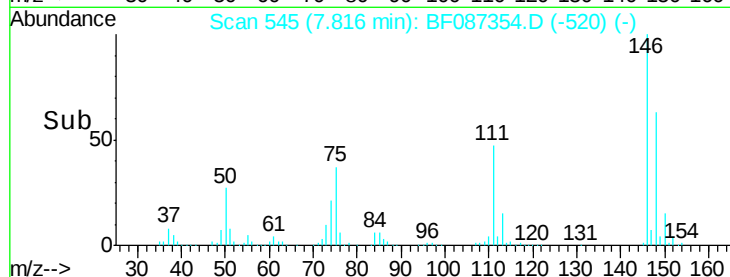
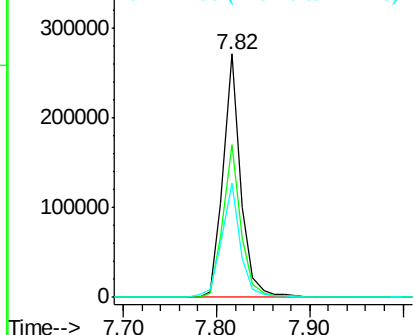
#14
 1,2-Dichlorobenzene
 Concen: 41.90 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion: 146 Resp: 357603
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 46.9 36.2 54.4

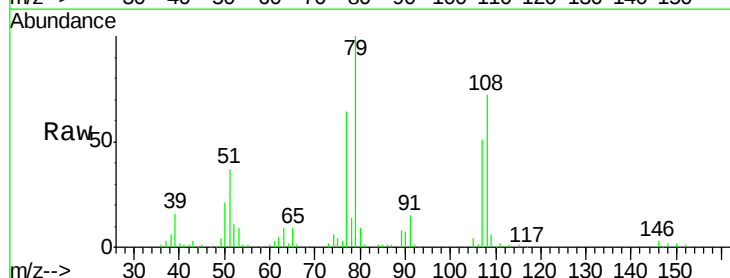


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

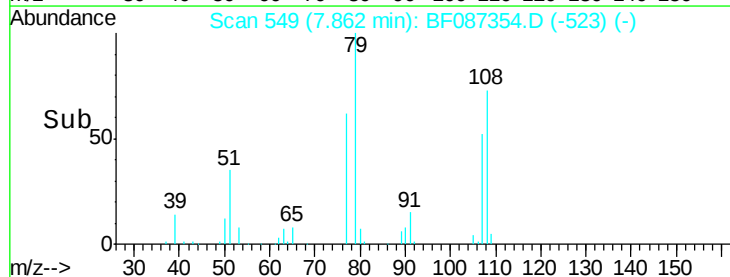
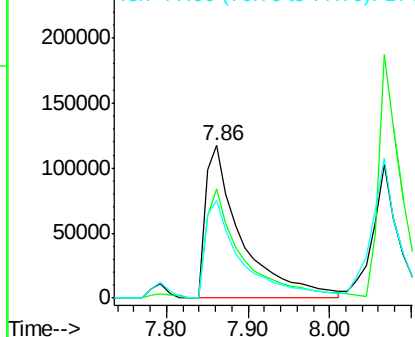


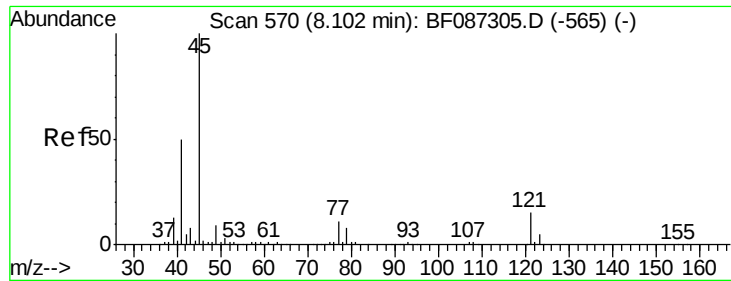
#15
 Benzyl Alcohol
 Concen: 55.83 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion: 79 Resp: 363392
 Ion Ratio Lower Upper
 79 100
 108 71.6 68.4 102.6
 77 64.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

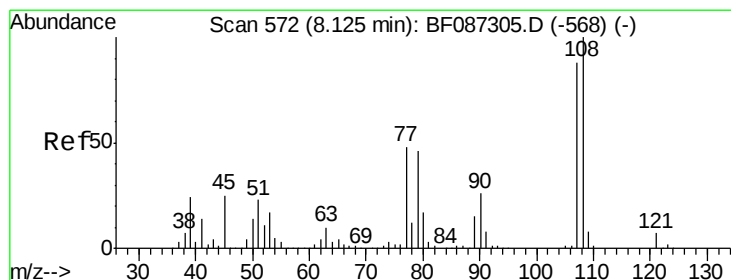
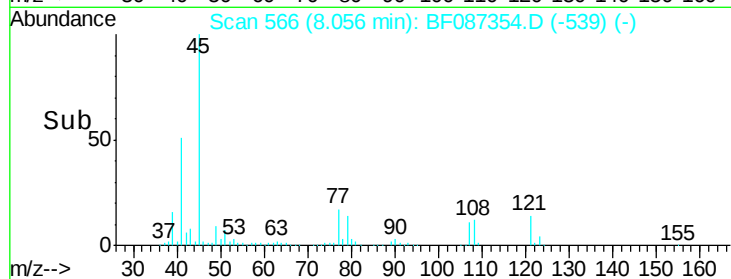
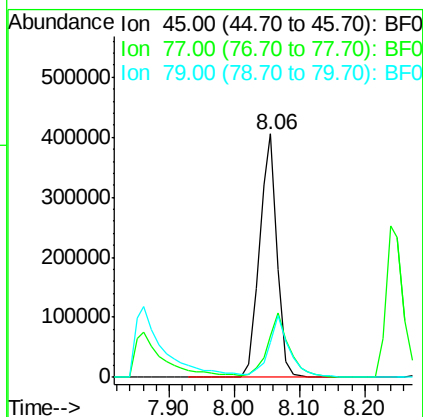
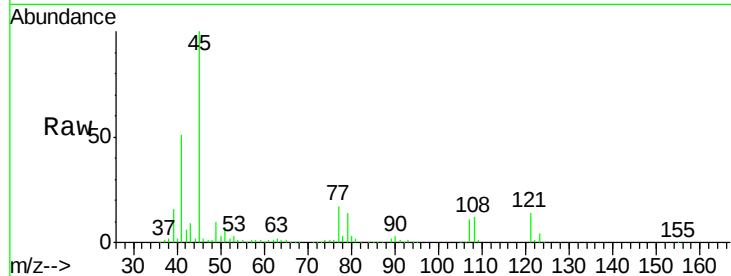




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.74 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

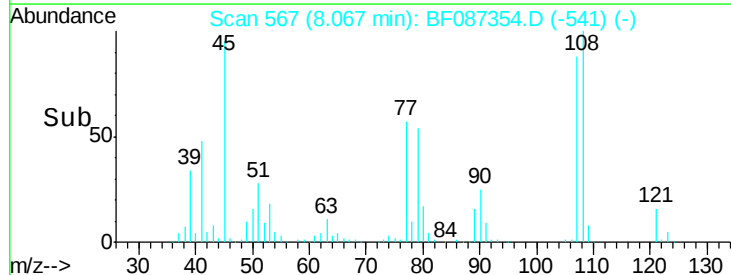
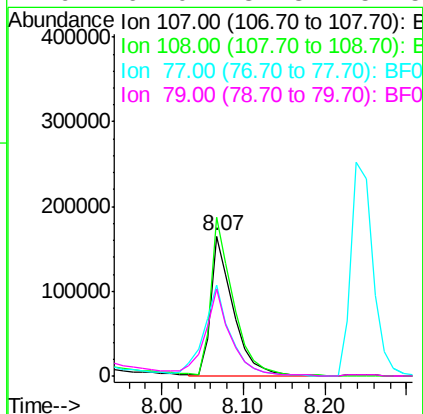
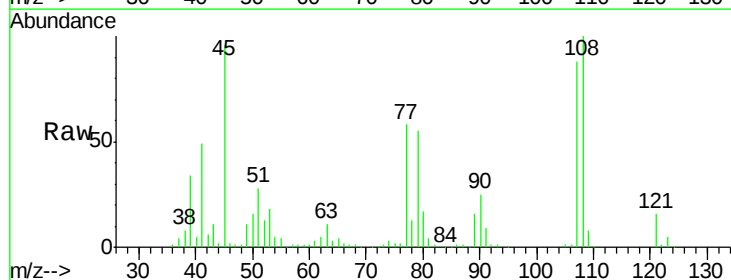
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

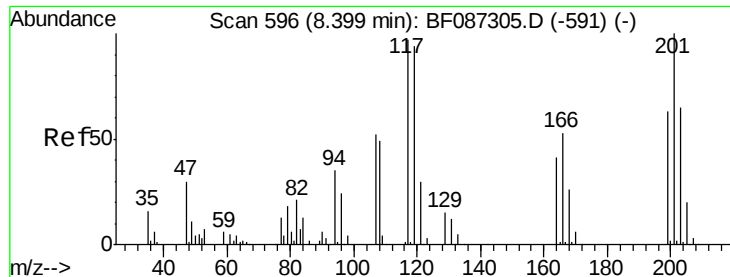
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.4
79	14.4	0.0	33.4



#17
2-Methylphenol
Concen: 47.72 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.7	140.5
77	65.4	33.4	50.0#
79	62.0	34.3	51.5#

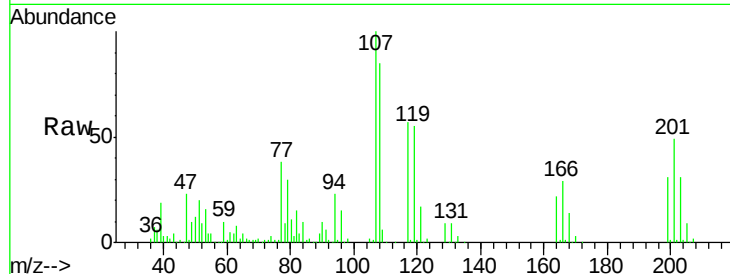




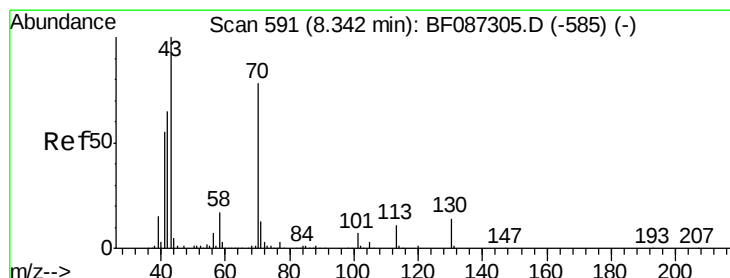
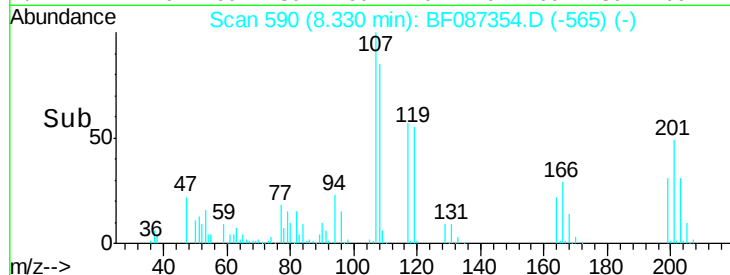
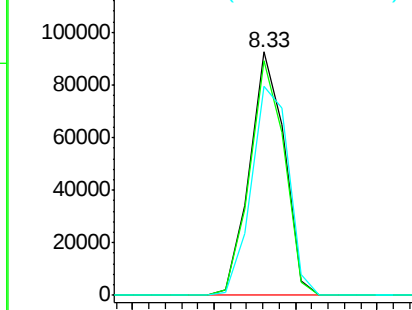
#18
Hexachloroethane
Concen: 39.68 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion: 117 Resp: 136571
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
201 85.8 63.0 94.6

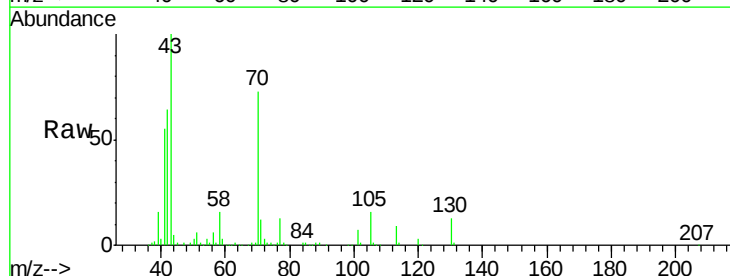


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

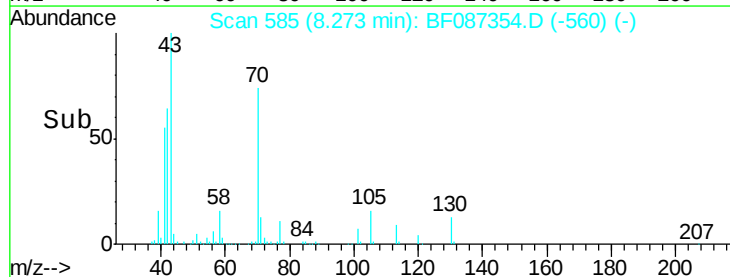
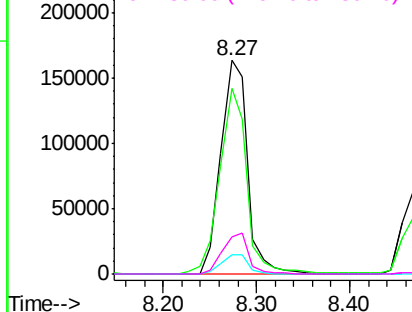


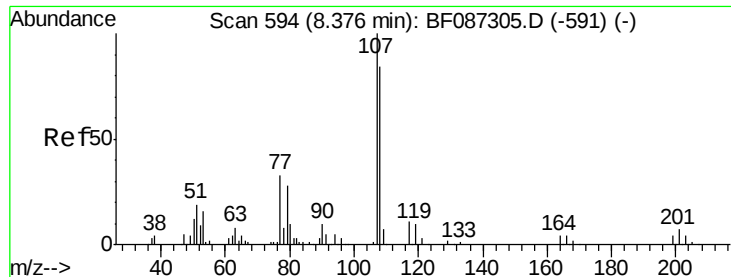
#19
n-Nitroso-di-n-propylamine
Concen: 48.85 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion: 70 Resp: 325262
Ion Ratio Lower Upper
70 100
42 87.1 43.1 64.7#
101 8.9 8.1 12.1
130 17.4 18.6 28.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 51.87 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

Tgt Ion:107 Resp: 414070

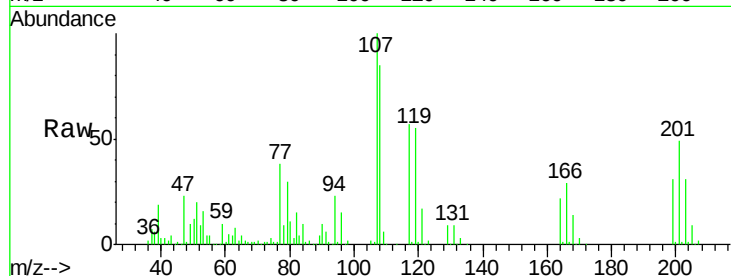
Ion Ratio Lower Upper

107 100

108 85.2 68.5 108.5

77 37.5 101.6 141.6#

79 30.2 7.4 47.4

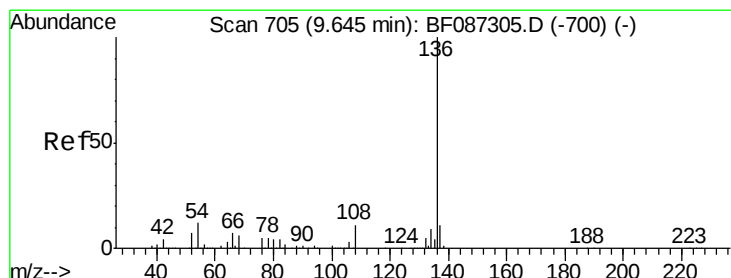
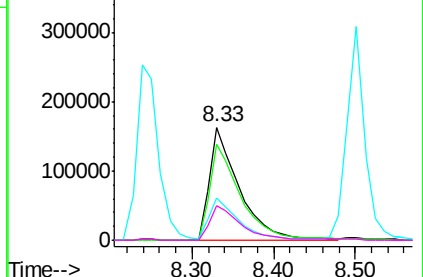
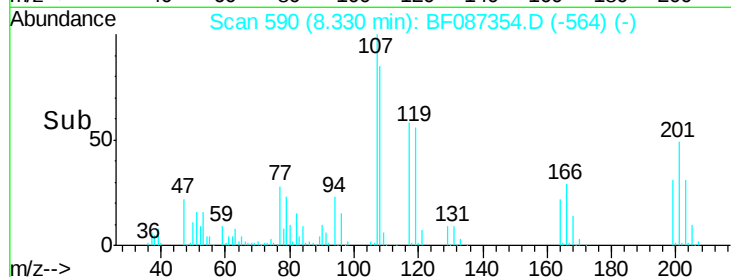


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Tgt Ion:136 Resp: 465745

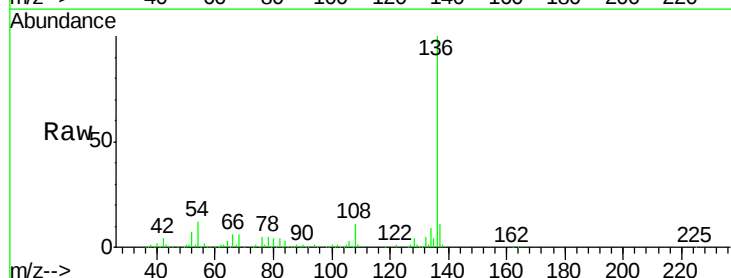
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.8 5.0 7.4#

68 5.7 4.4 6.6

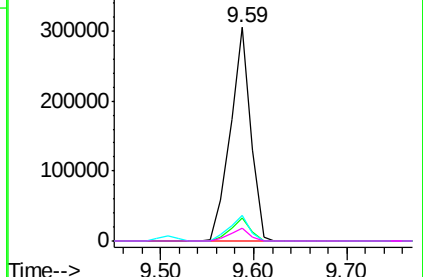
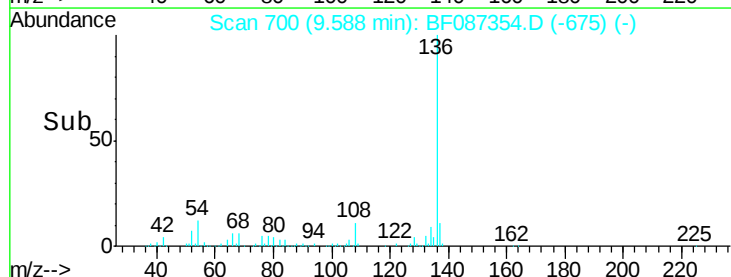


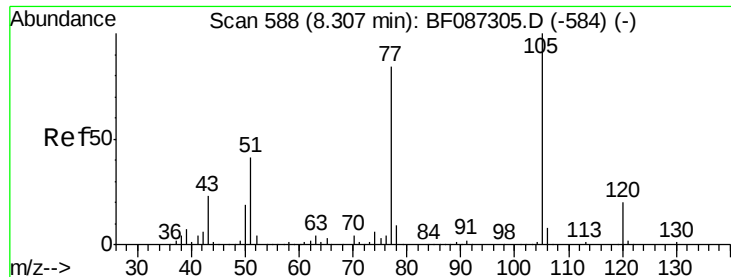
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 51.39 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

Tgt Ion: 105 Resp: 571811

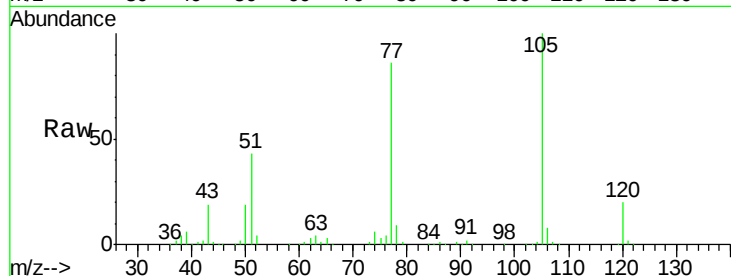
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 42.7 32.6 49.0

120 20.2 16.5 24.7

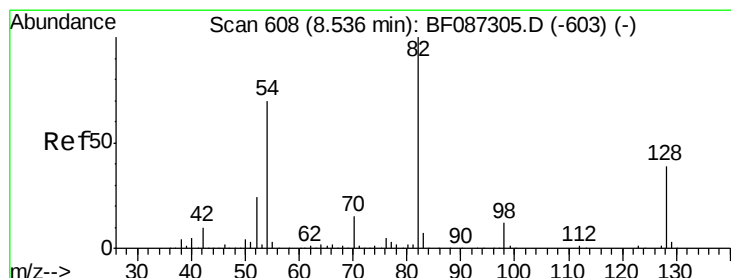
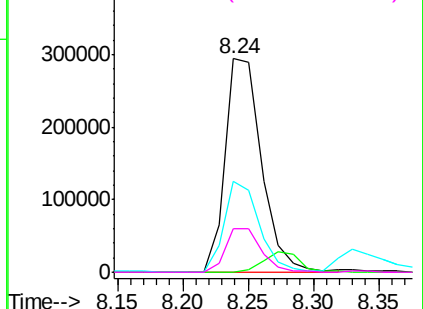
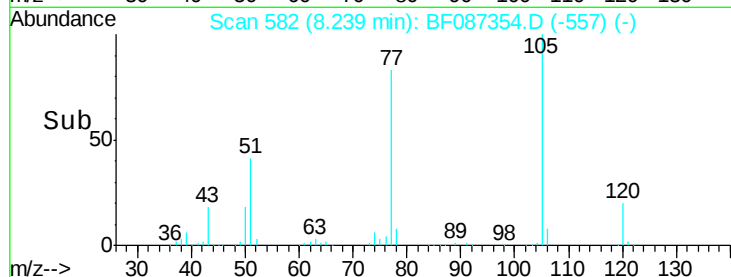


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 97.77 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

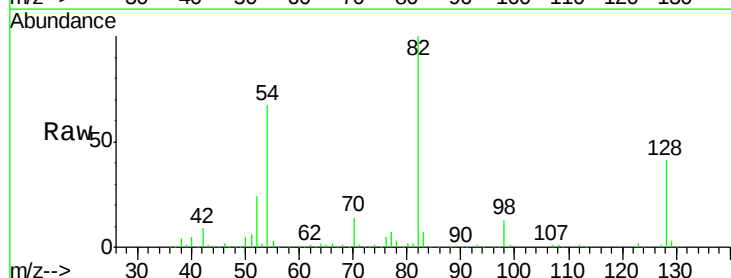
Tgt Ion: 82 Resp: 903536

Ion Ratio Lower Upper

82 100

128 40.8 40.6 61.0

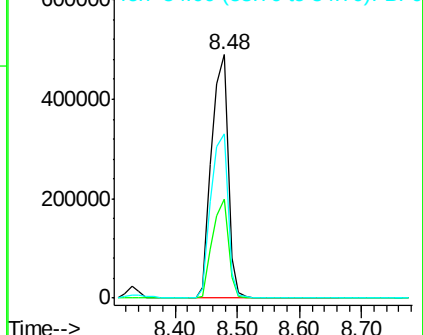
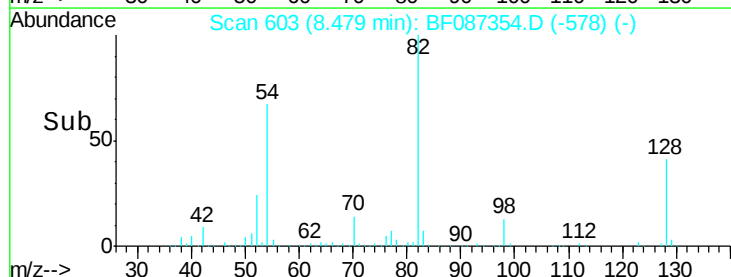
54 67.4 38.1 57.1#

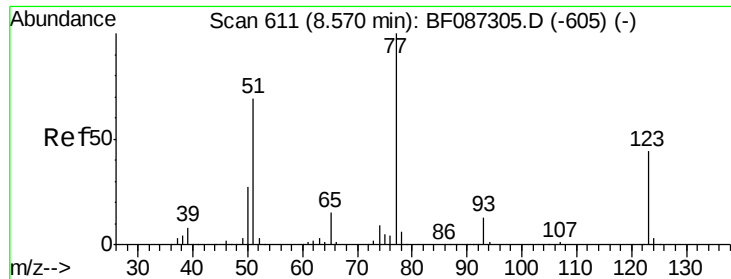


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 47.75 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

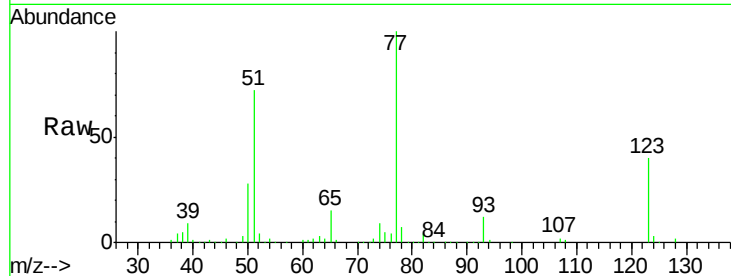
Tgt Ion: 77 Resp: 465800

Ion Ratio Lower Upper

77 100

123 39.7 33.0 49.4

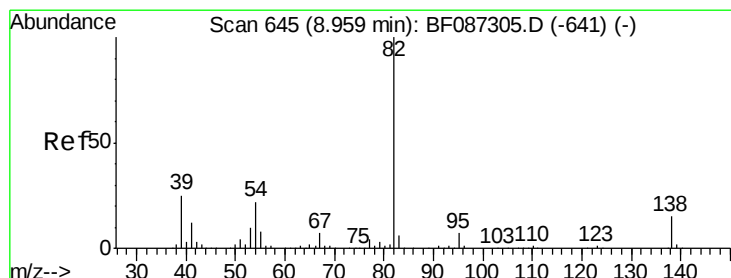
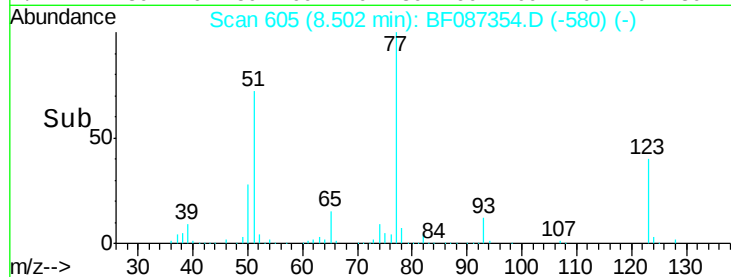
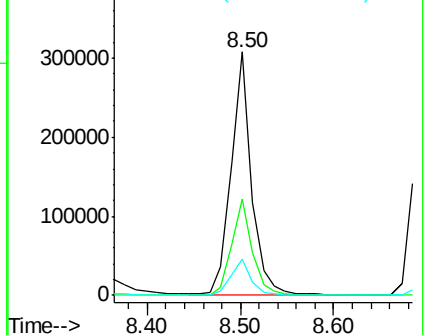
65 15.0 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 49.51 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

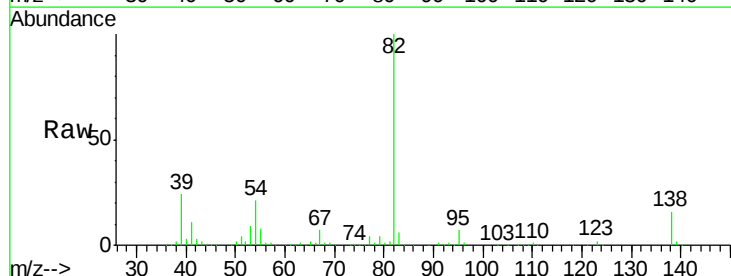
Tgt Ion: 82 Resp: 820620

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

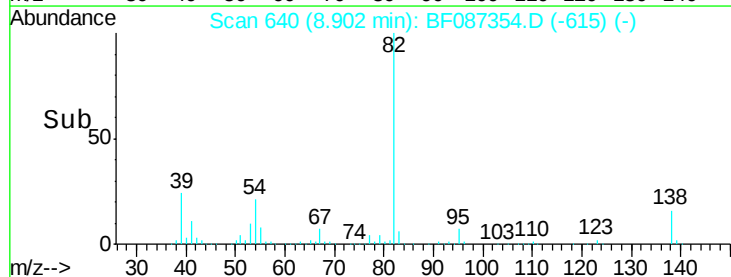
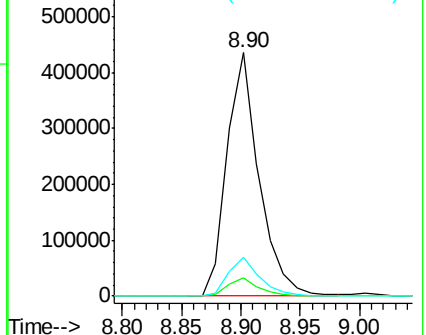
138 15.9 12.4 18.6

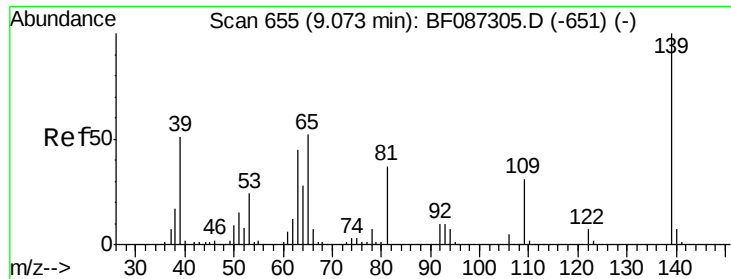


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

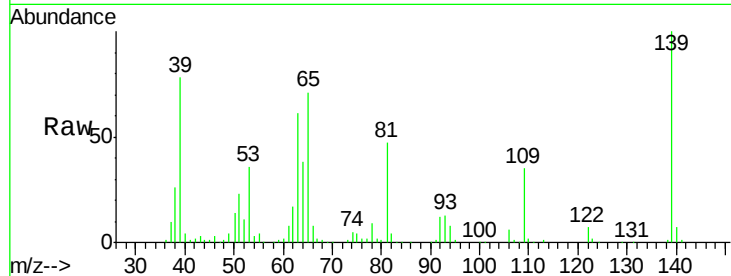




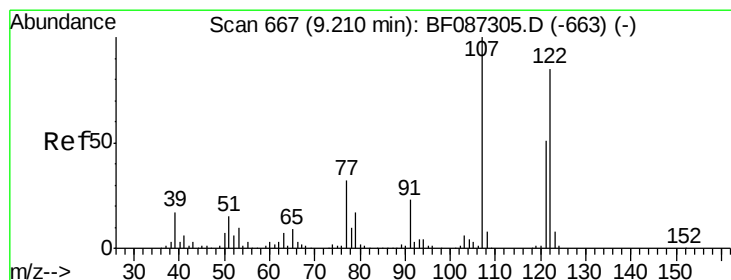
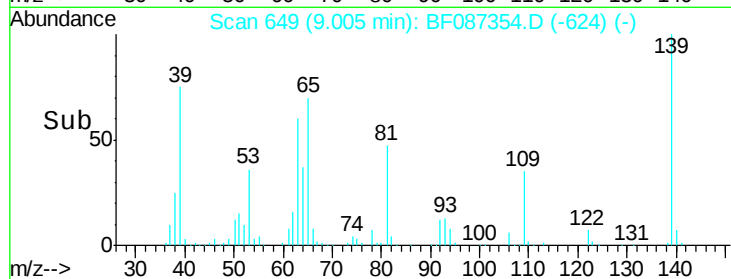
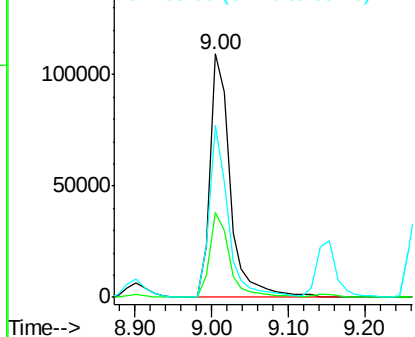
#26
 2-Nitrophenol
 Concen: 50.16 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion:139 Resp: 200027
 Ion Ratio Lower Upper
 139 100
 109 34.6 19.5 29.3#
 65 70.6 37.5 56.3#

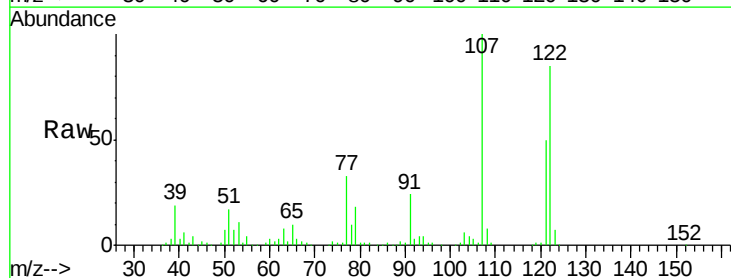


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

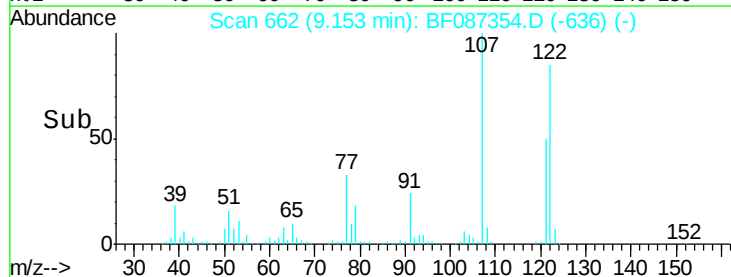
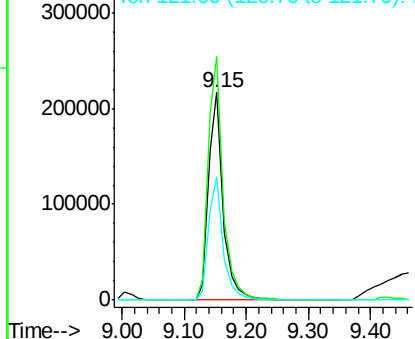


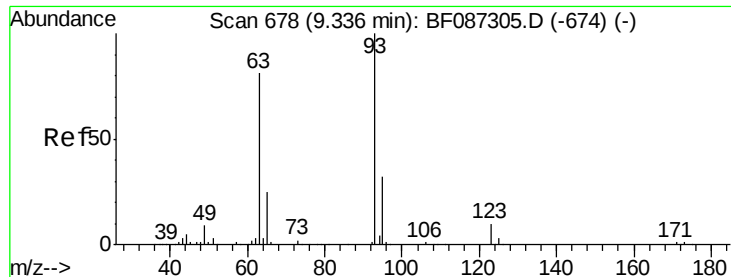
#27
 2,4-Dimethylphenol
 Concen: 50.70 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion:122 Resp: 350941
 Ion Ratio Lower Upper
 122 100
 107 117.4 82.0 123.0
 121 59.2 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

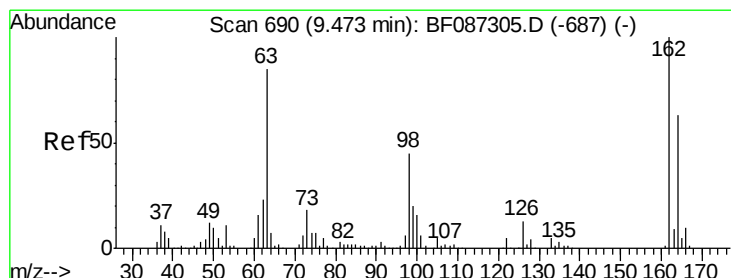
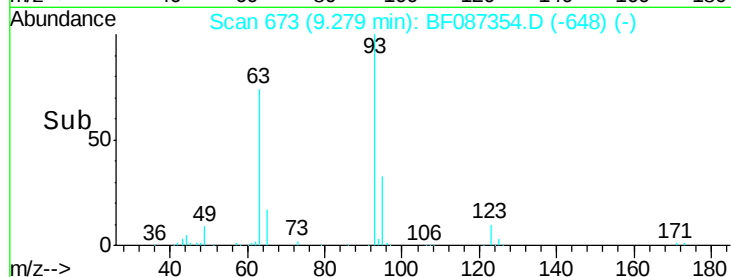
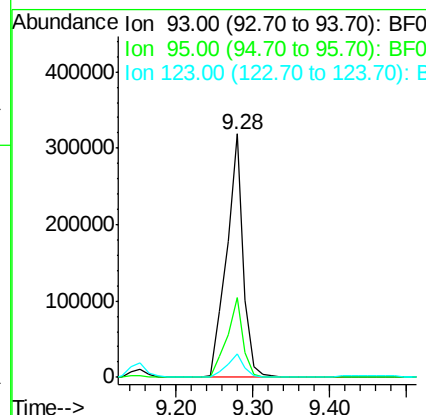
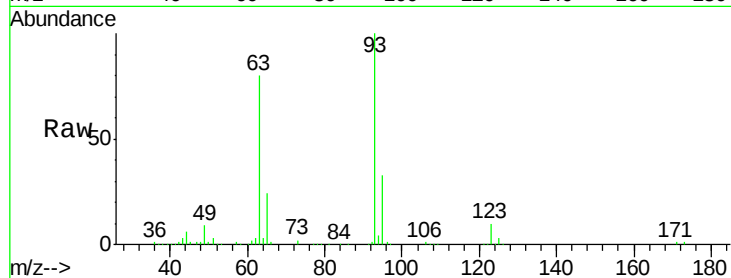




#28
bis(2-Chloroethoxy)methane
Concen: 52.32 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

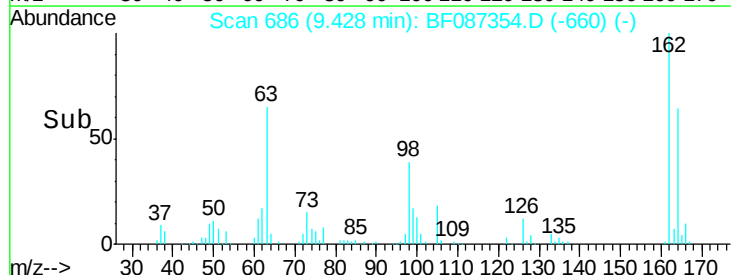
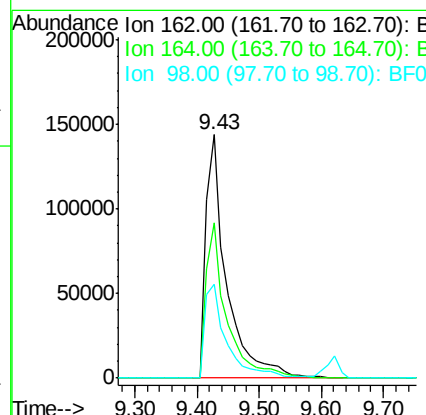
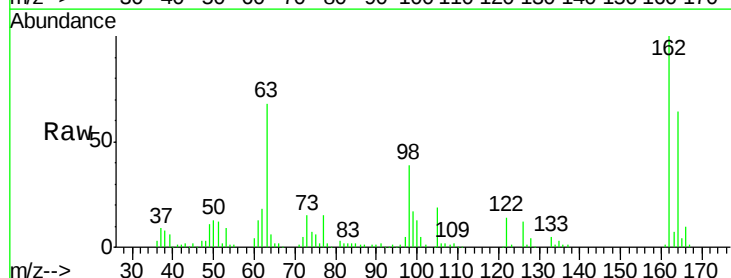
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

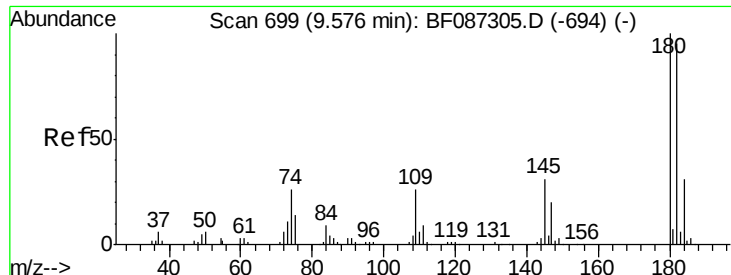
Tgt Ion: 93 Resp: 488400
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 9.9 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 53.10 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion: 162 Resp: 331277
Ion Ratio Lower Upper
162 100
164 63.8 42.2 82.2
98 38.8 19.0 59.0

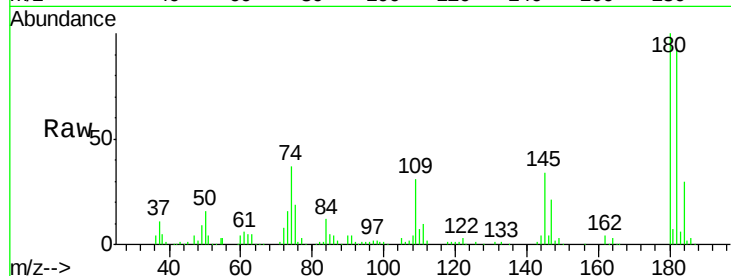




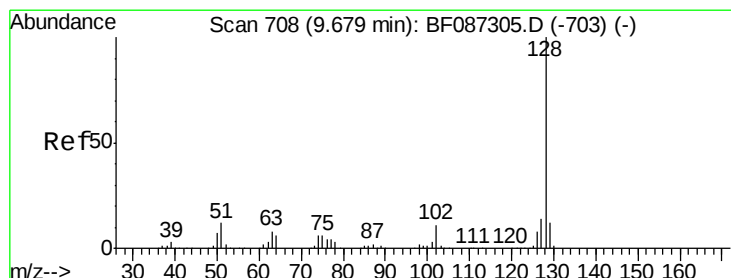
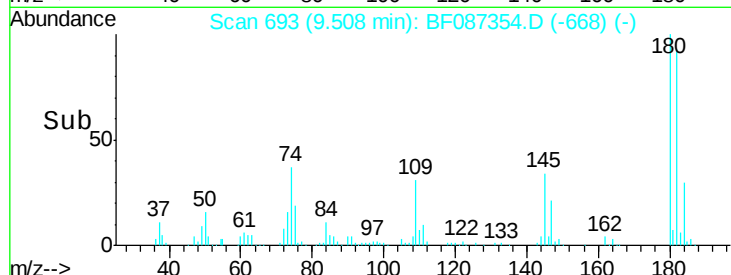
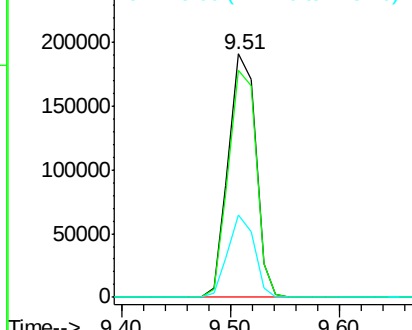
#30
 1,2,4-Trichlorobenzene
 Concen: 46.85 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion:180 Resp: 334607
 Ion Ratio Lower Upper
 180 100
 182 93.5 78.0 117.0
 145 33.9 24.2 36.2

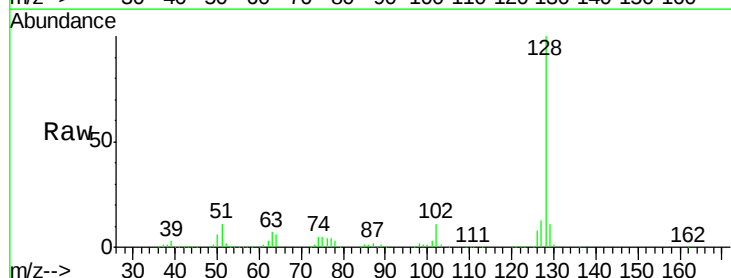


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

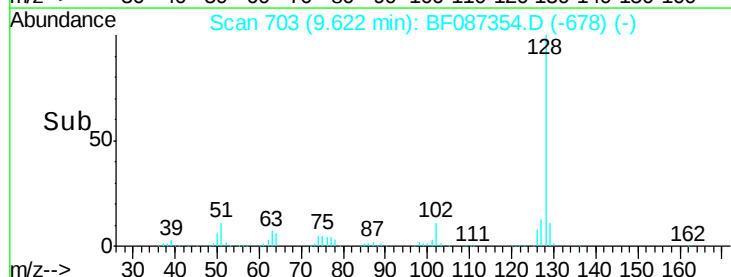
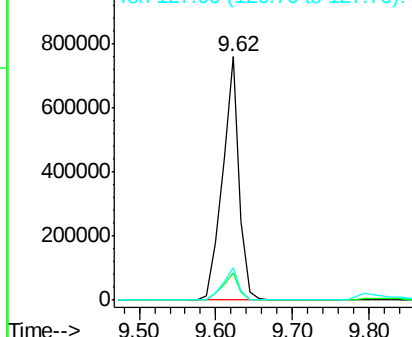


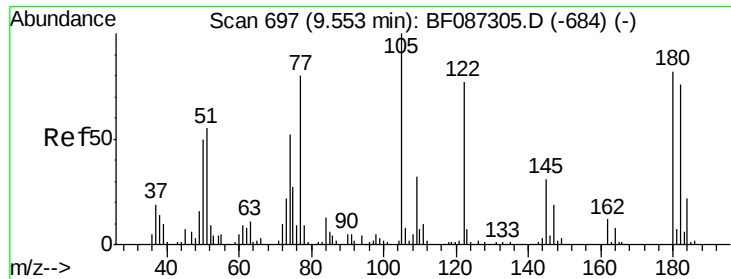
#31
 Naphthalene
 Concen: 49.13 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion:128 Resp: 1146704
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 13.0
 127 13.5 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

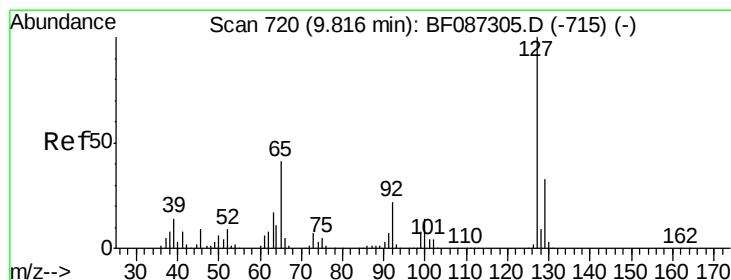
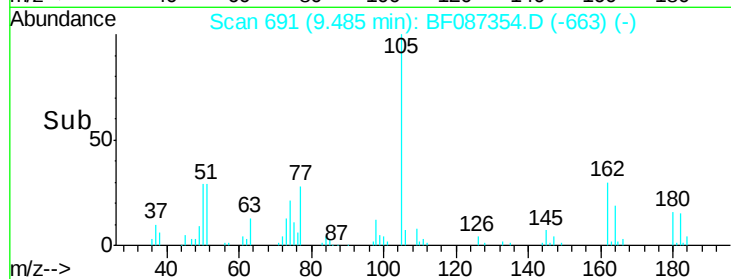
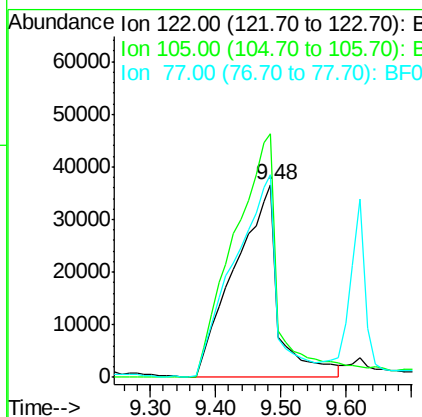
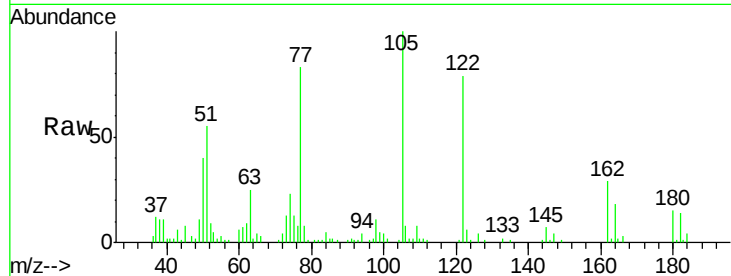




#32
Benzoic acid
Concen: 48.00 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

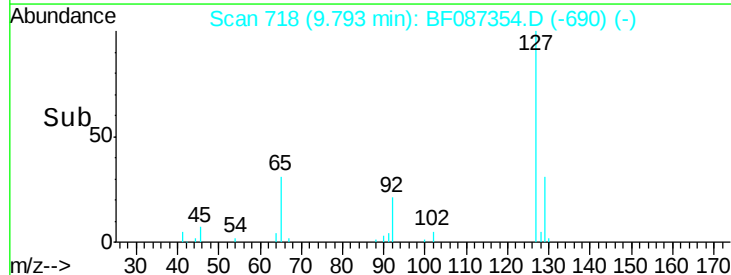
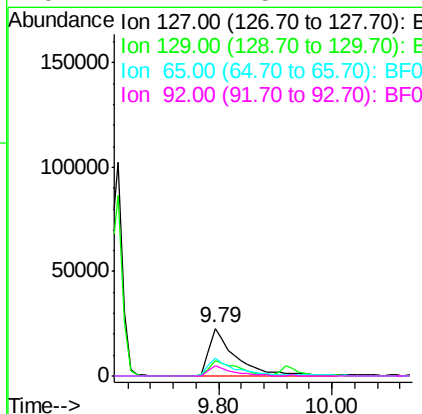
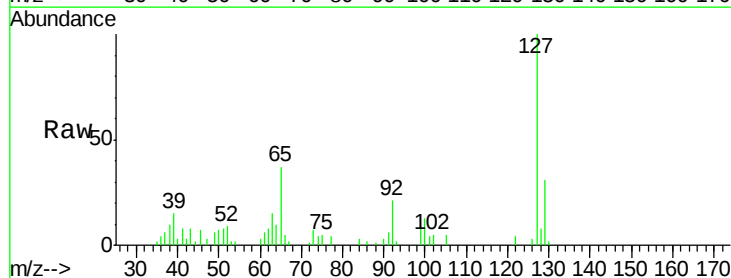
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

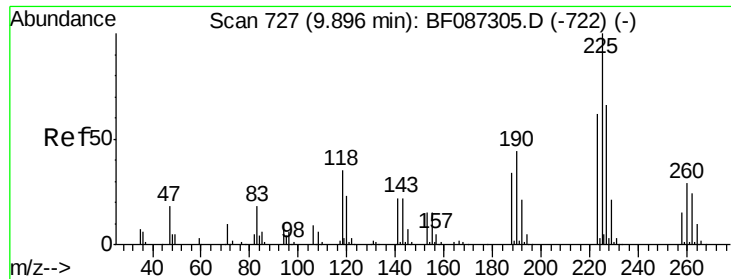
Tgt Ion:122 Resp: 171090
Ion Ratio Lower Upper
122 100
105 126.4 92.6 132.6
77 105.5 60.0 100.0#



#33
4-Chloroaniline
Concen: 8.76 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:127 Resp: 75300
Ion Ratio Lower Upper
127 100
129 30.8 26.2 39.4
65 37.0 23.0 34.4#
92 21.2 15.1 22.7

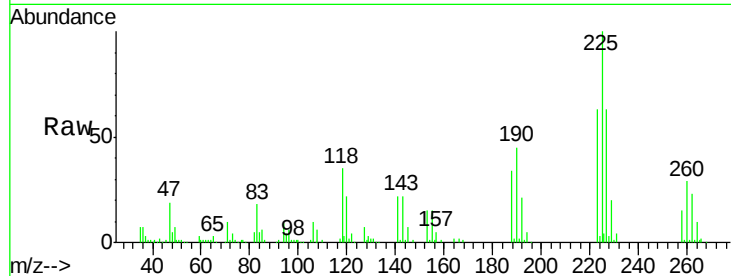




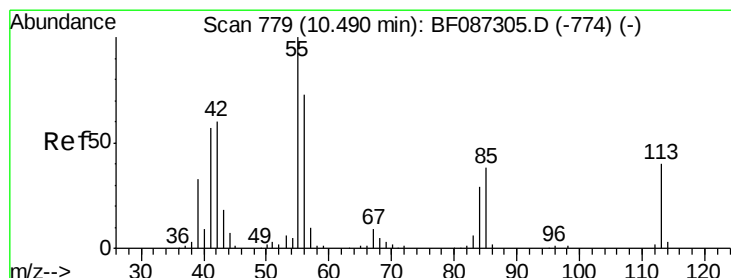
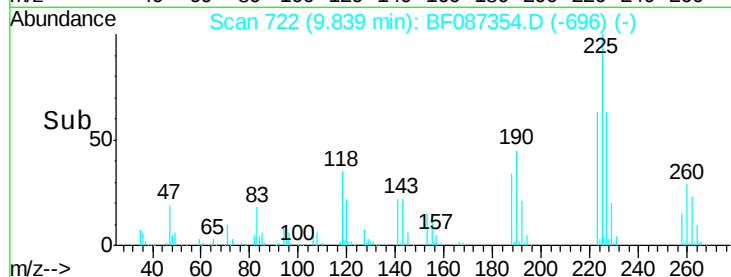
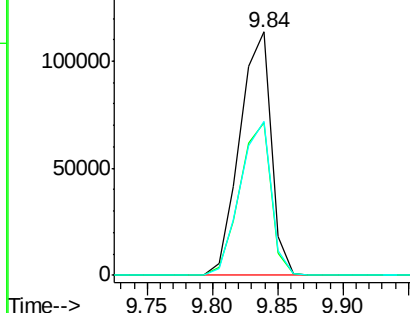
#34
Hexachlorobutadiene
Concen: 43.81 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion: 225 Resp: 190178
Ion Ratio Lower Upper
225 100
223 62.8 51.5 77.3
227 63.5 52.2 78.2

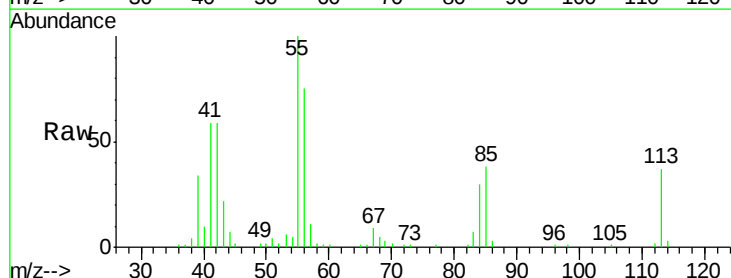


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

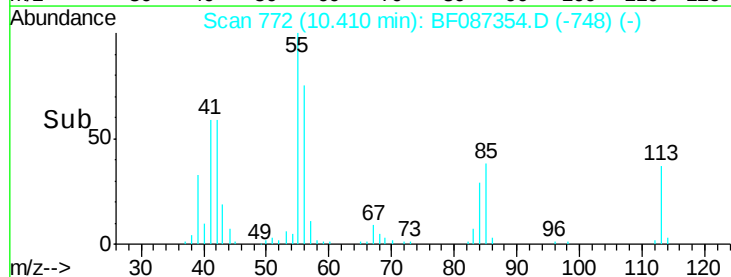
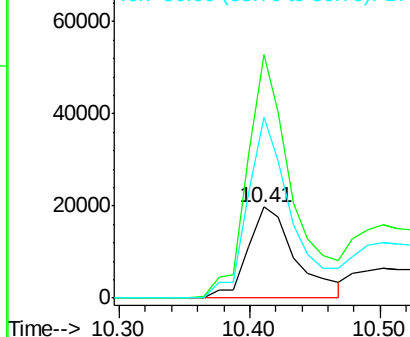


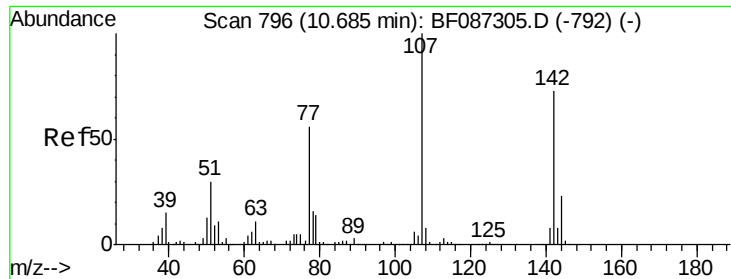
#35
Caprolactam
Concen: 27.91 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion: 113 Resp: 50820
Ion Ratio Lower Upper
113 100
55 267.3 162.0 202.0#
56 199.2 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

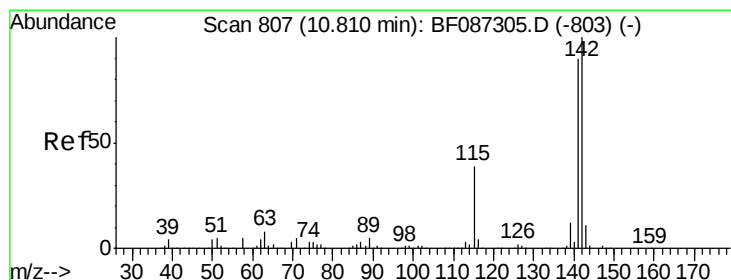
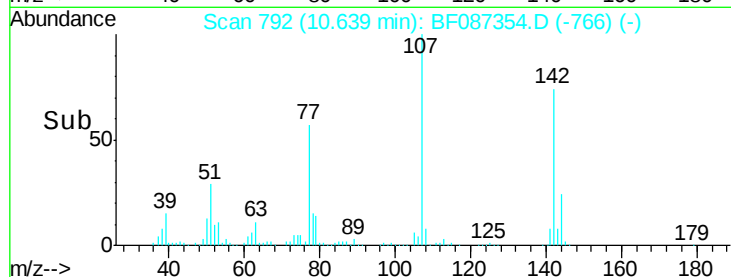
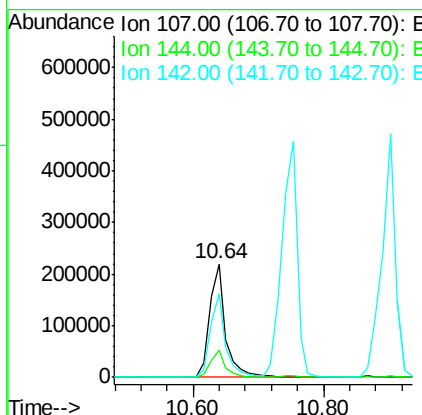
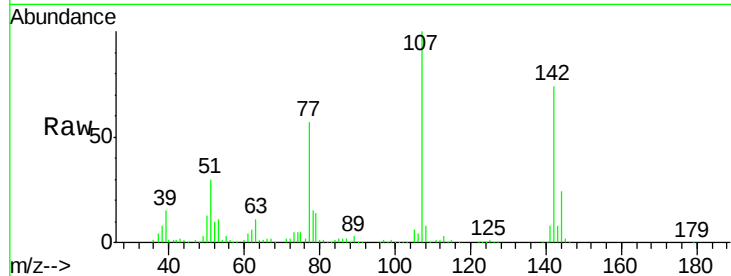




#36
 4-Chloro-3-methylphenol
 Concen: 53.62 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

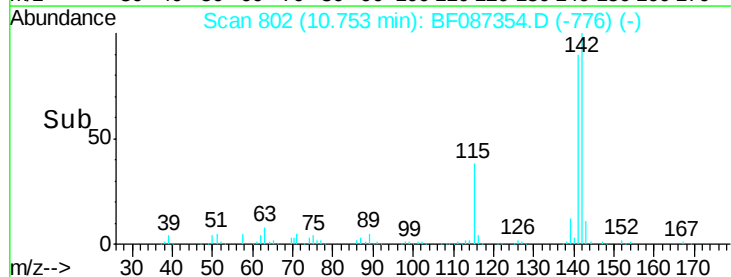
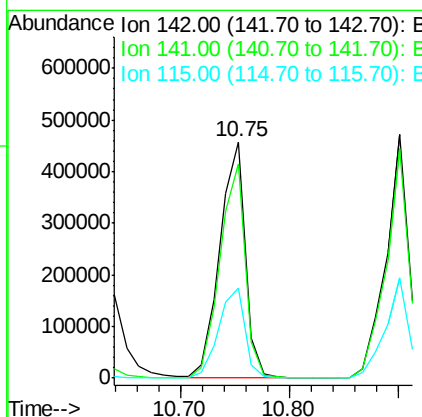
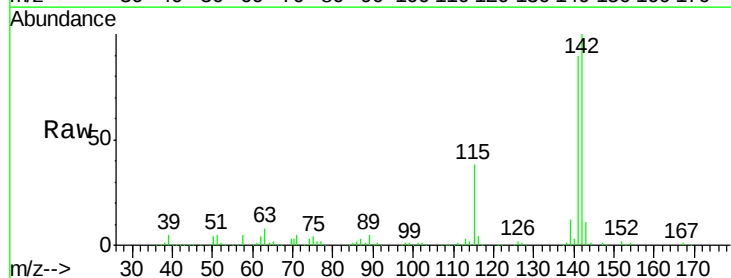
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

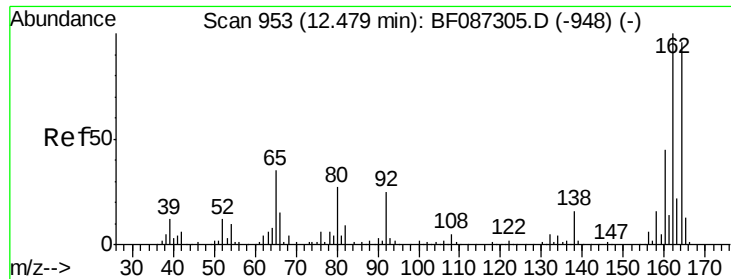
Tgt Ion:107 Resp: 378173
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.7 31.1
 142 74.1 63.2 94.8



#37
 2-Methylnaphthalene
 Concen: 50.97 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion:142 Resp: 743190
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 38.2 26.6 39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

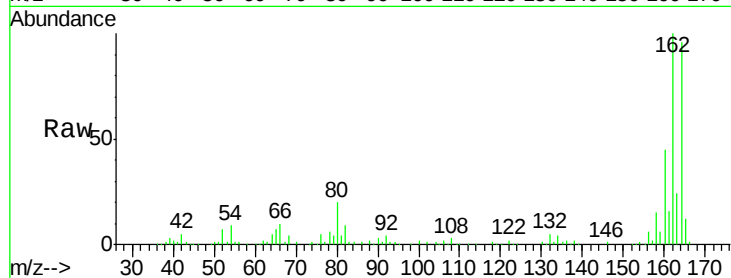
Tgt Ion:164 Resp: 223919

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

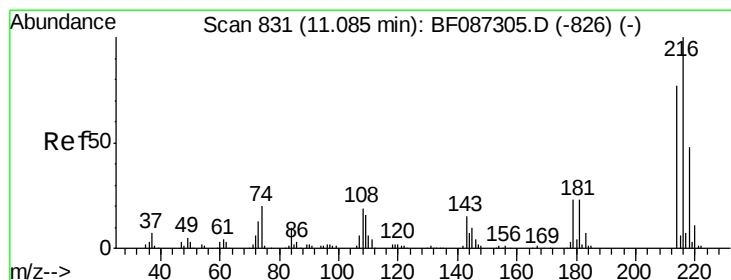
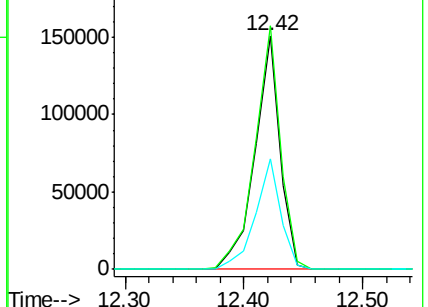
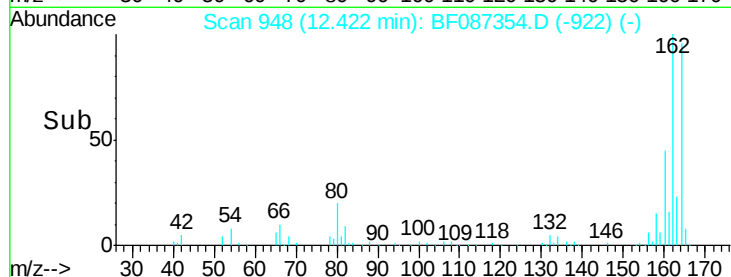
160 47.0 36.9 55.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.72 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Tgt Ion:216 Resp: 320573

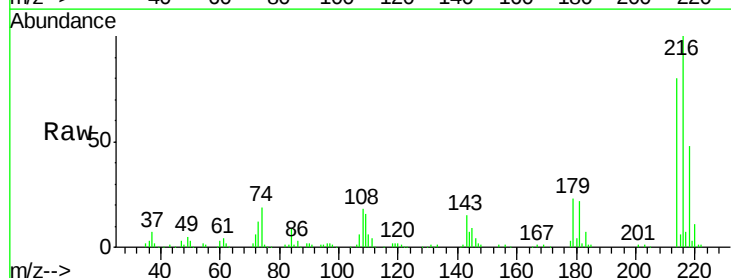
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 23.8 18.2 27.4

108 24.5 17.5 26.3

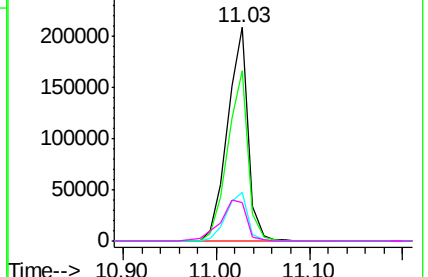
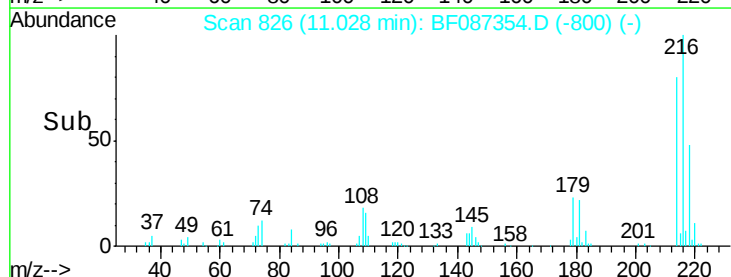


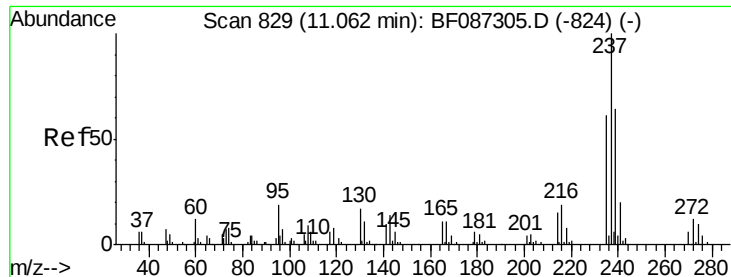
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

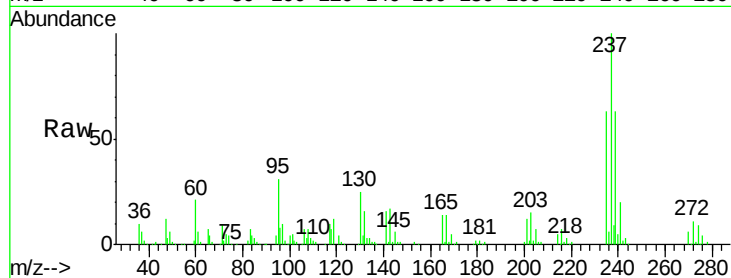




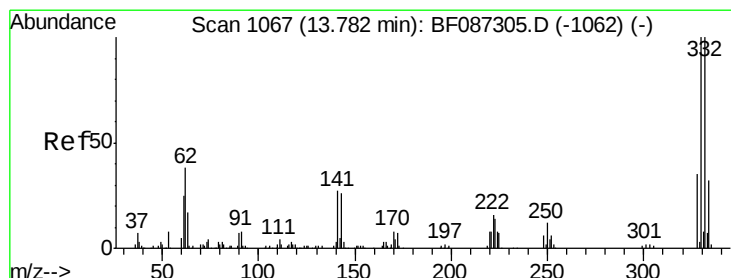
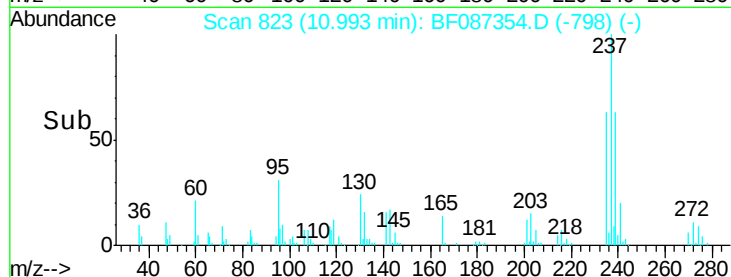
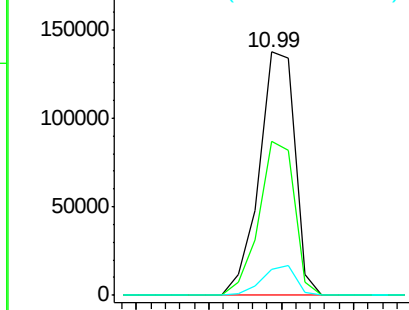
#40
Hexachlorocyclopentadiene
Concen: 79.86 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion: 237 Resp: 235520
Ion Ratio Lower Upper
237 100
235 63.0 47.2 87.2
272 10.9 0.0 31.1

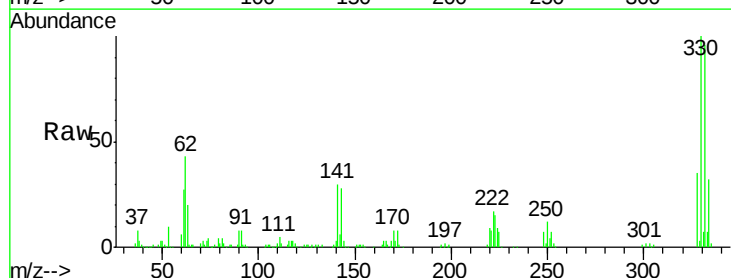


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

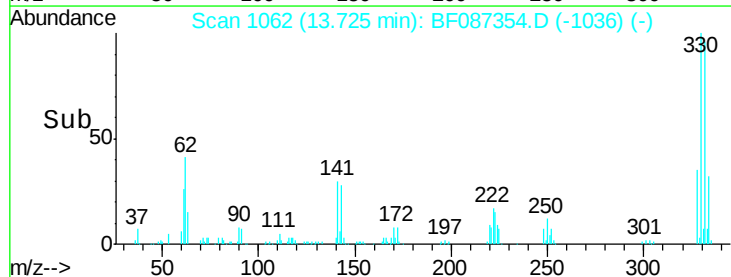
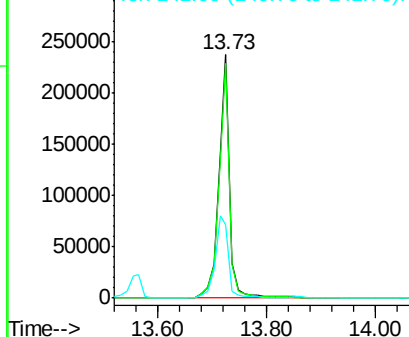


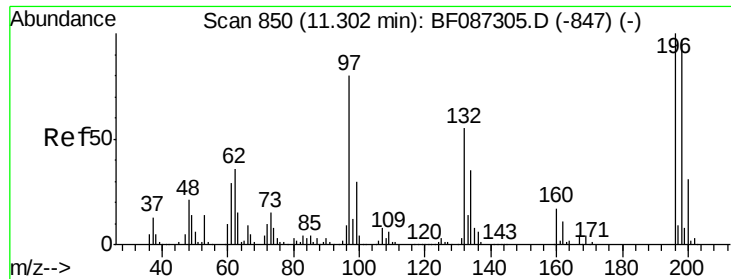
#41
2,4,6-Tribromophenol
Concen: 157.10 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion: 330 Resp: 338054
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 41.7 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

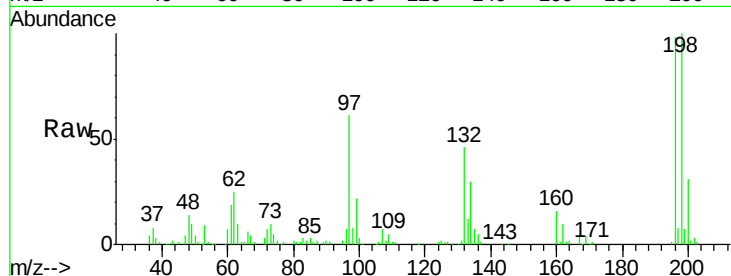




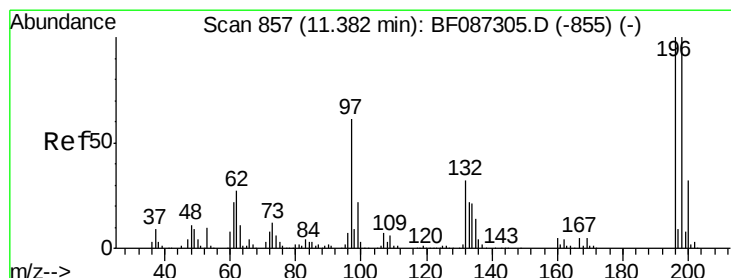
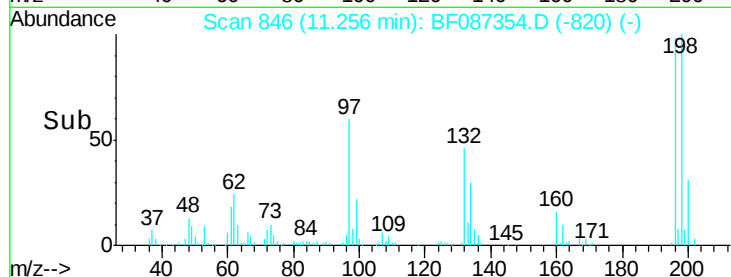
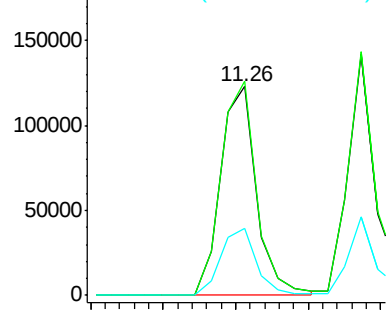
#42
 2,4,6-Trichlorophenol
 Concen: 51.07 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion:196 Resp: 211276
 Ion Ratio Lower Upper
 196 100
 198 102.4 74.7 112.1
 200 32.1 23.8 35.6



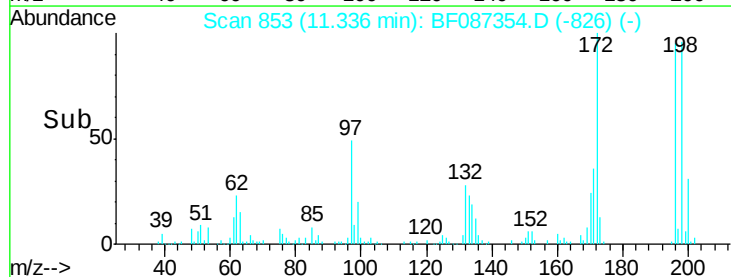
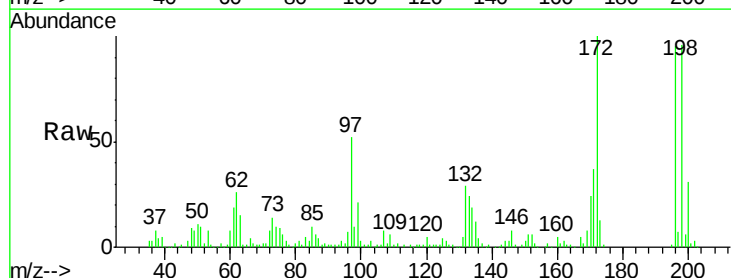
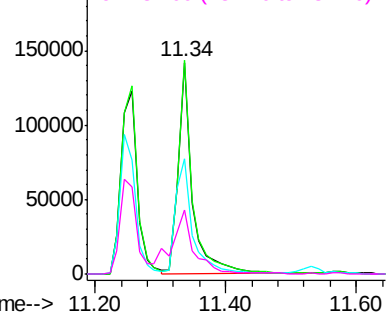
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

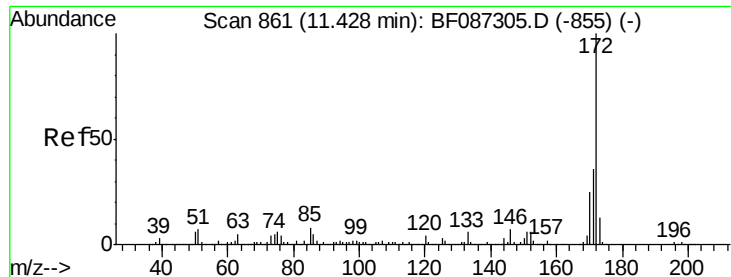


#43
 2,4,5-Trichlorophenol
 Concen: 50.27 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion:196 Resp: 211808
 Ion Ratio Lower Upper
 196 100
 198 101.1 77.5 116.3
 97 54.6 34.8 52.2#
 132 30.4 23.0 34.4

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





#44

2-Fluorobiphenyl

Concen: 94.92 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

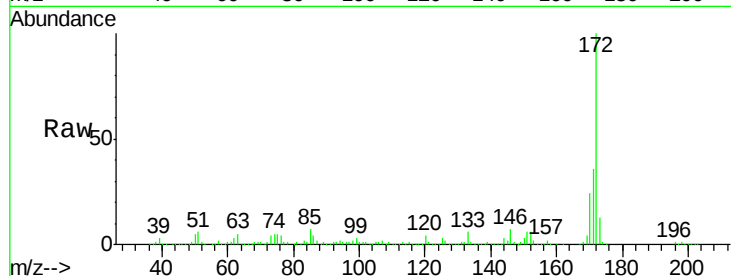
Tgt Ion:172 Resp: 1507566

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

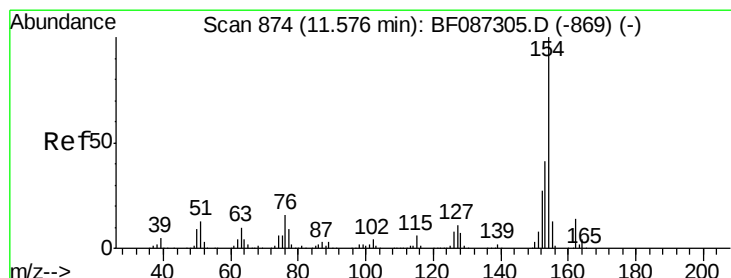
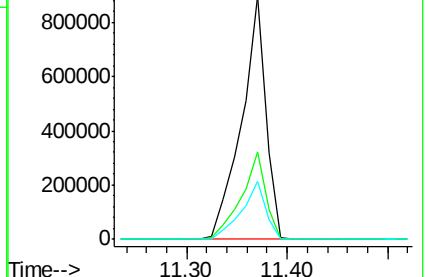
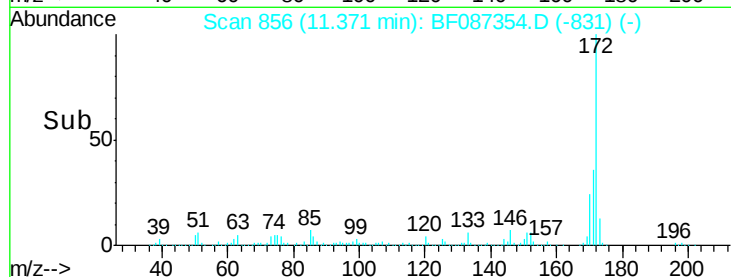
170 24.0 19.8 29.8



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



#45

1,1'-Biphenyl

Concen: 48.55 ng

RT: 11.52 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

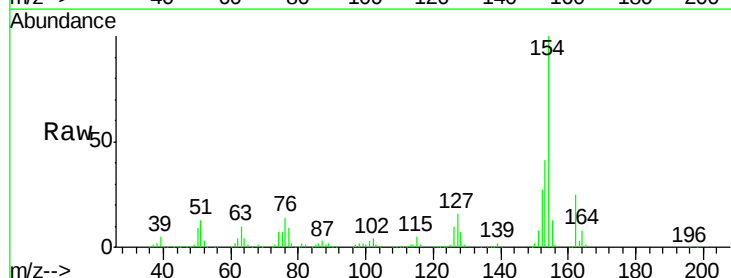
Tgt Ion:154 Resp: 915340

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

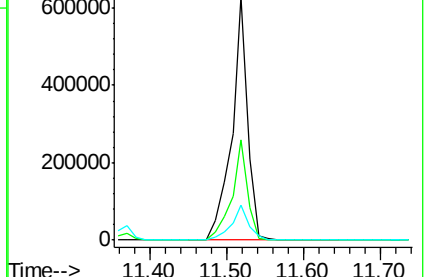
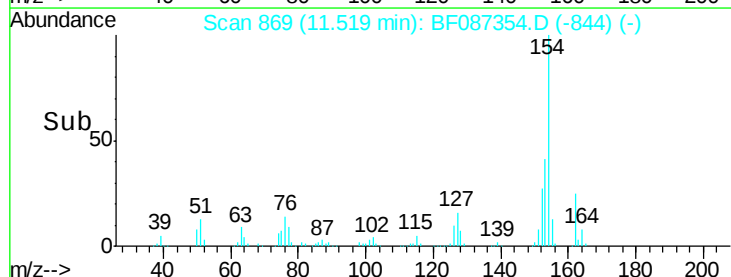
76 14.4 0.0 30.2

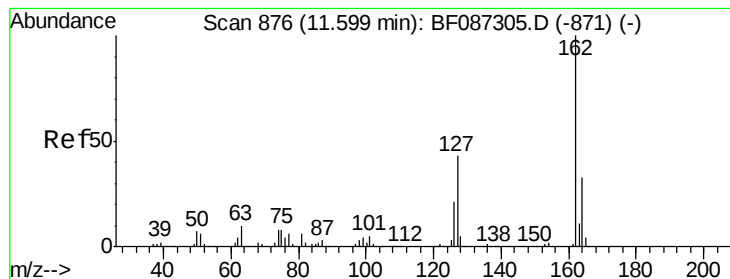


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 47.61 ng

RT: 11.53 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

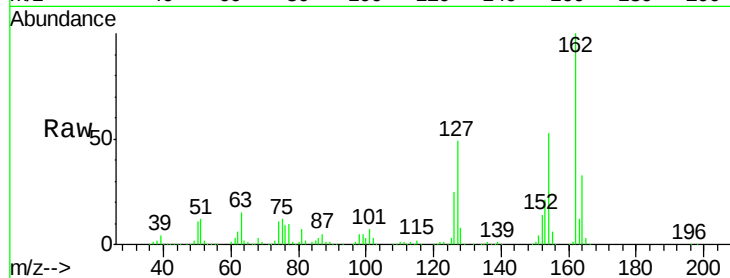
Tgt Ion:162 Resp: 686769

Ion Ratio Lower Upper

162 100

127 49.1 31.8 47.6#

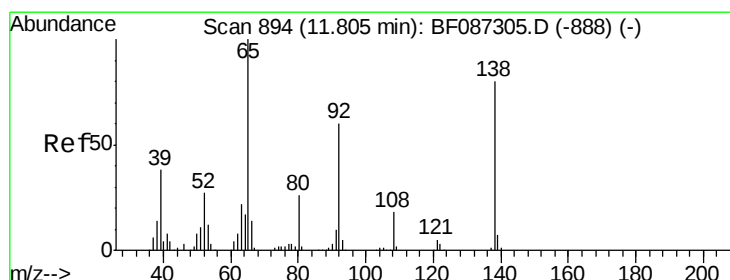
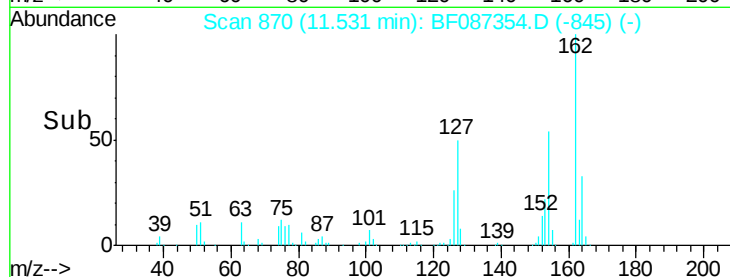
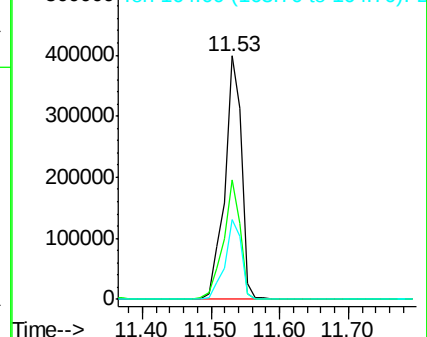
164 32.7 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 54.35 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

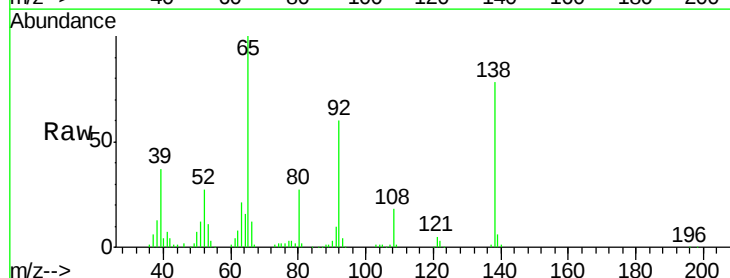
Tgt Ion: 65 Resp: 282430

Ion Ratio Lower Upper

65 100

92 59.7 57.4 86.2

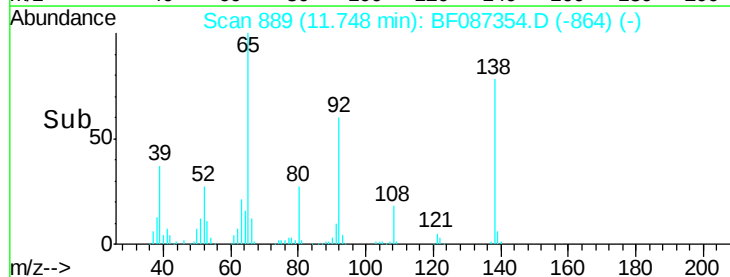
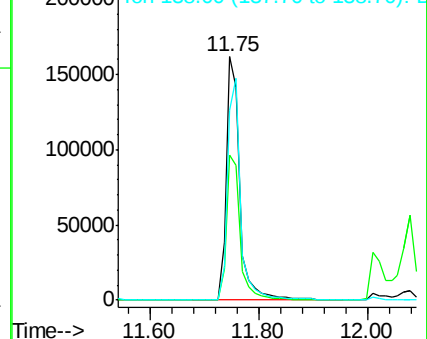
138 78.2 90.1 135.1#

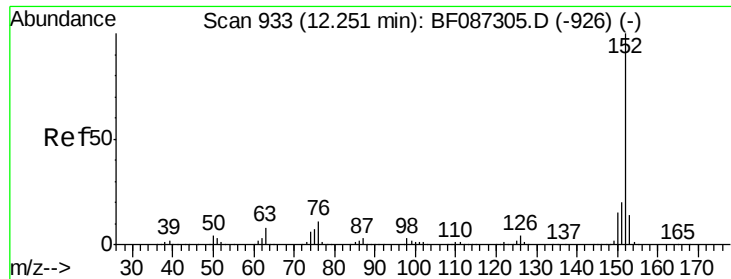


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 49.23 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

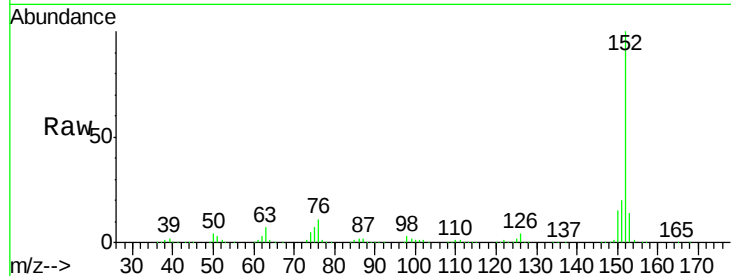
Tgt Ion:152 Resp: 1124208

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

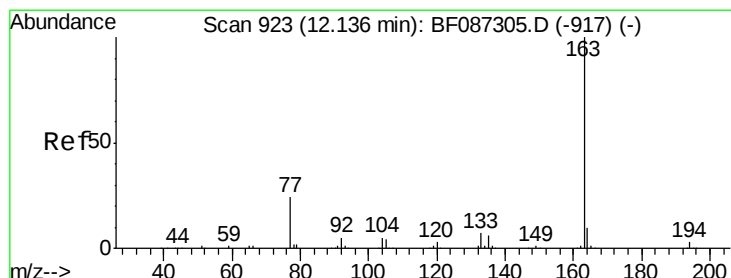
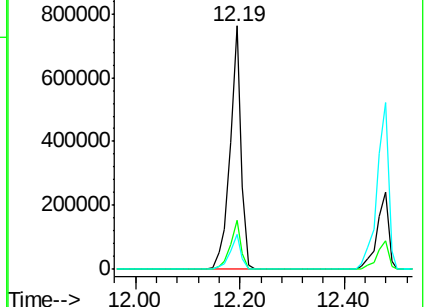
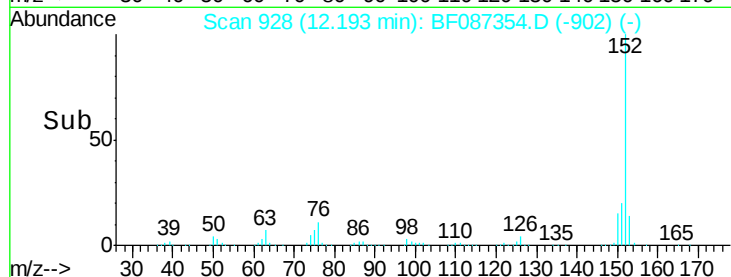
153 14.1 10.9 16.3



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: 49.69 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

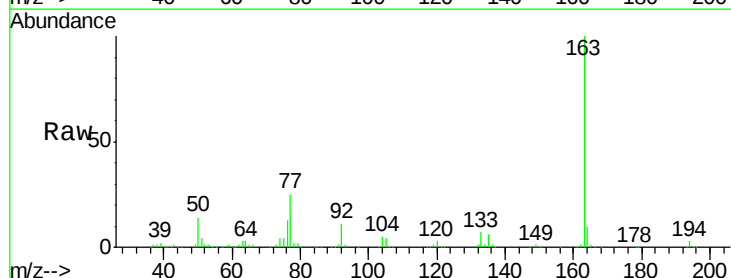
Tgt Ion:163 Resp: 891220

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

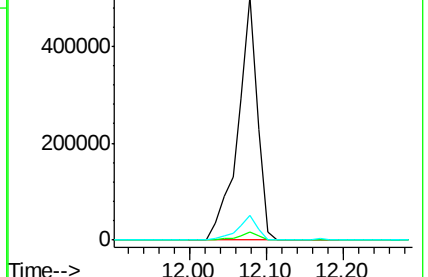
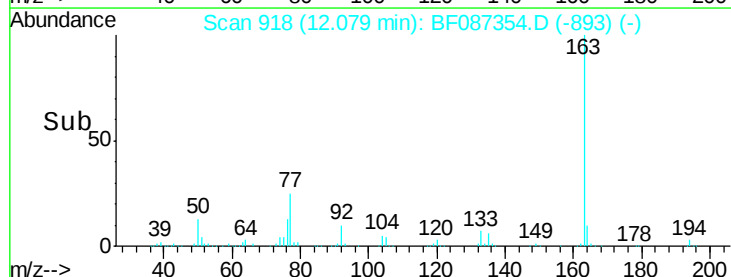
164 10.3 8.2 12.4

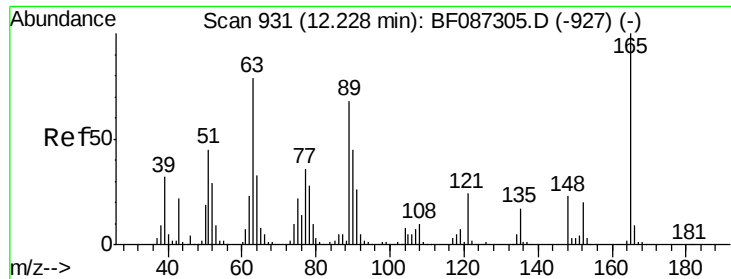


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

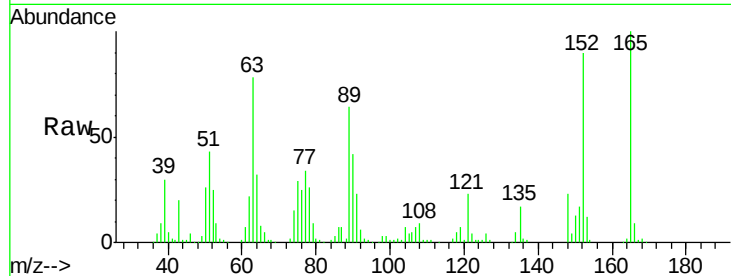




#50
 2,6-Dinitrotoluene
 Concen: 52.75 ng
 RT: 12.17 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

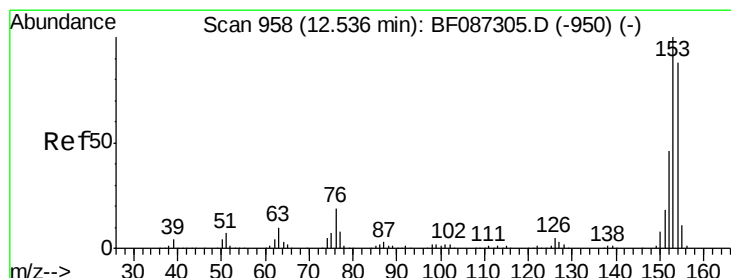
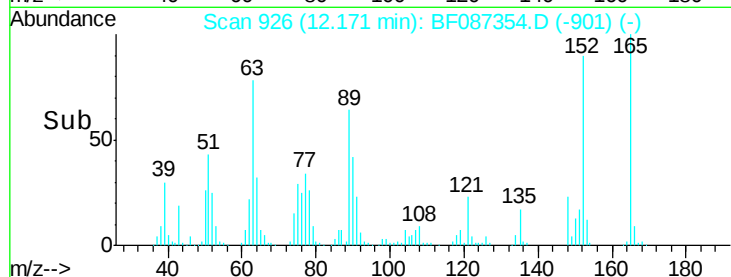
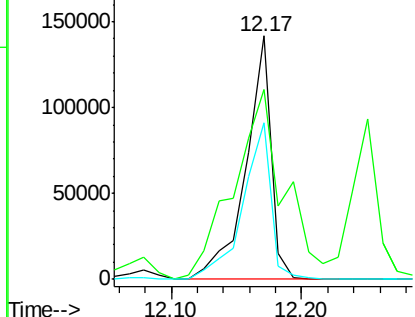
Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.8	51.8	77.8
89	64.5	50.7	76.1



Abundance Ion 165.00 (164.70 to 165.70): E

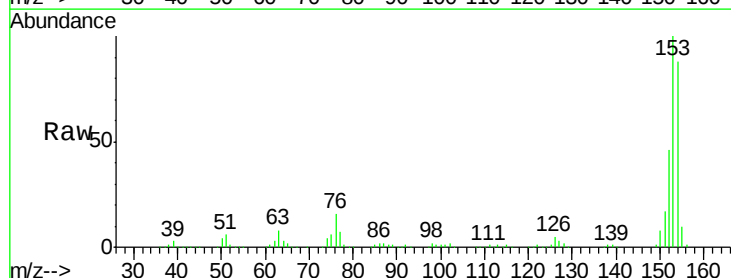
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
 Acenaphthene
 Concen: 49.61 ng
 RT: 12.48 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

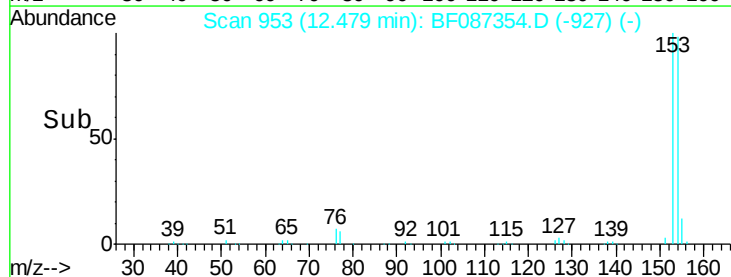
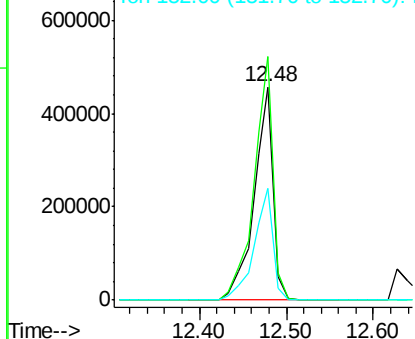
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.8	134.6
152	52.4	43.4	65.0

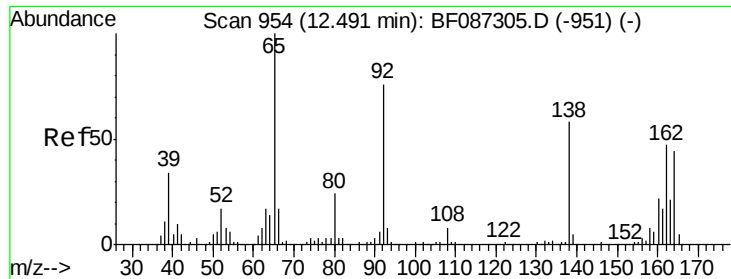


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

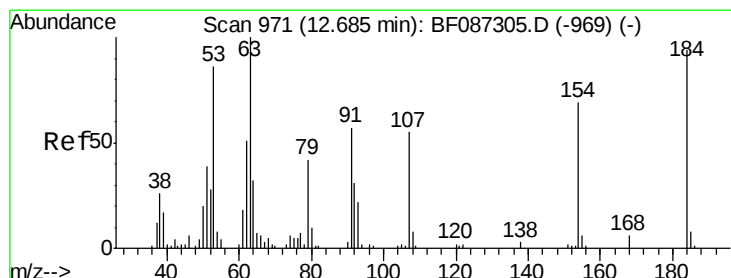
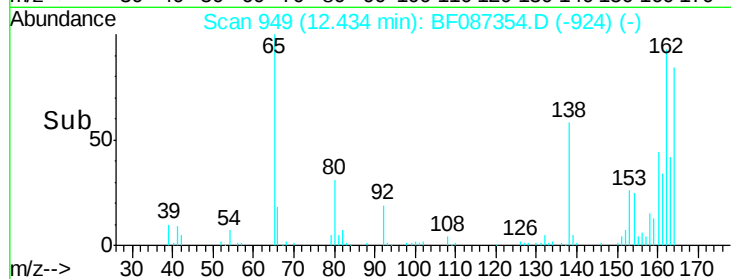
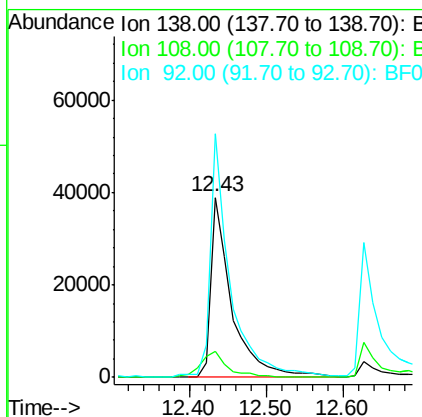
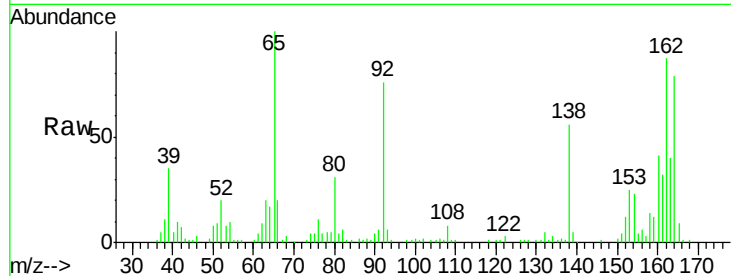




#52
 3-Nitroaniline
 Concen: 19.74 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

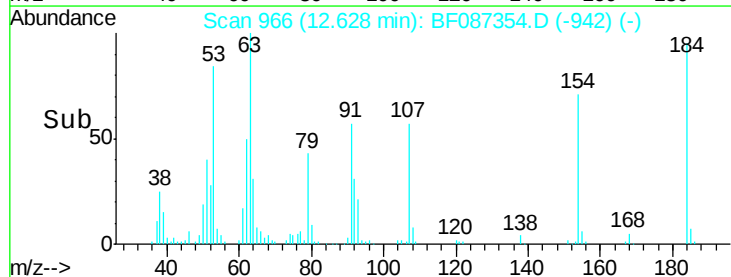
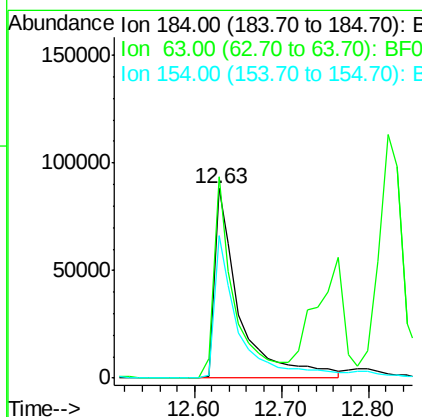
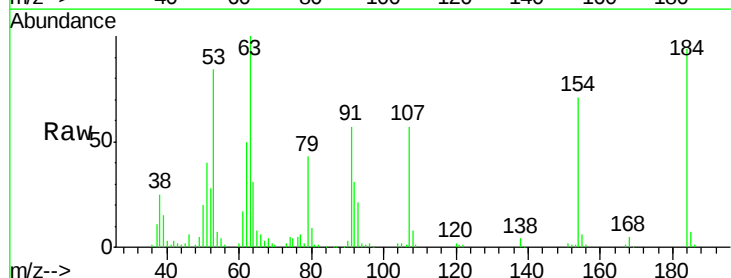
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

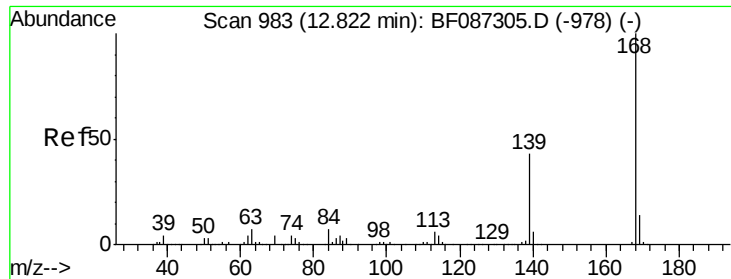
Tgt Ion:138 Resp: 73215
 Ion Ratio Lower Upper
 138 100
 108 14.5 7.8 11.6#
 92 135.4 87.8 131.8#



#53
 2,4-Dinitrophenol
 Concen: 94.34 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion:184 Resp: 176882
 Ion Ratio Lower Upper
 184 100
 63 106.0 55.8 83.8#
 154 75.1 62.4 93.6

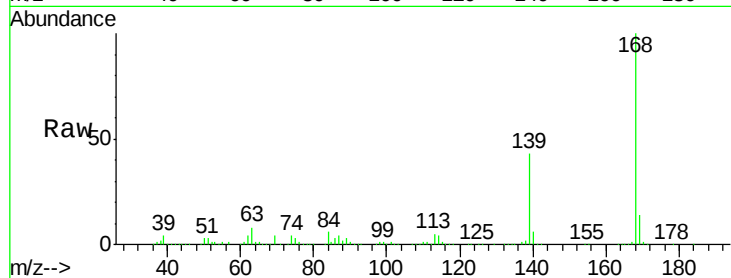




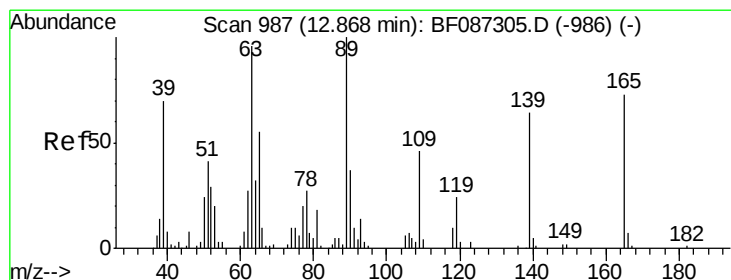
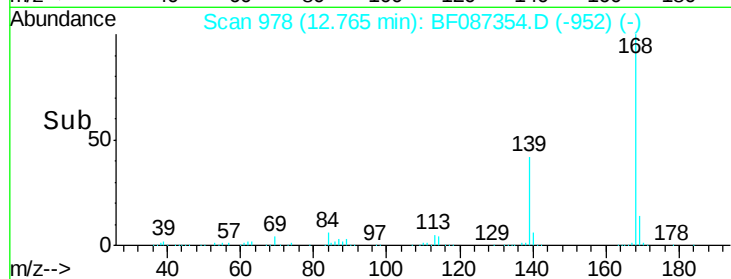
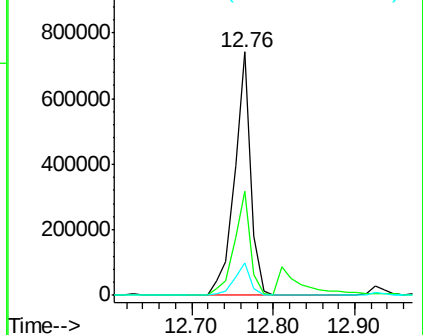
#54
Dibenzofuran
Concen: 53.56 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion:168 Resp: 1017746
Ion Ratio Lower Upper
168 100
139 42.7 31.4 47.0
169 13.5 10.7 16.1

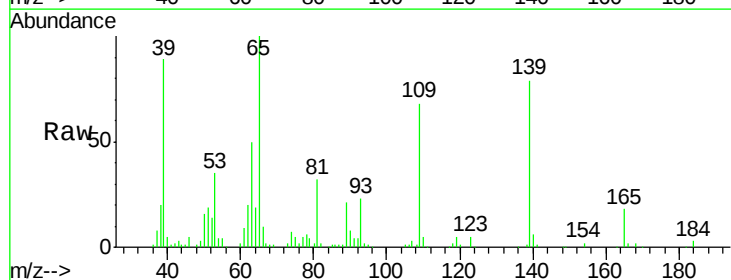


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

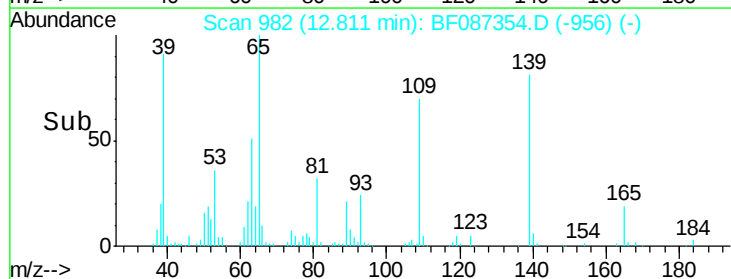
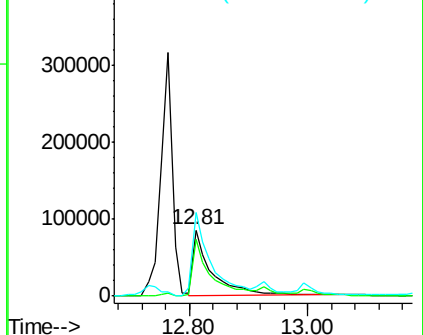


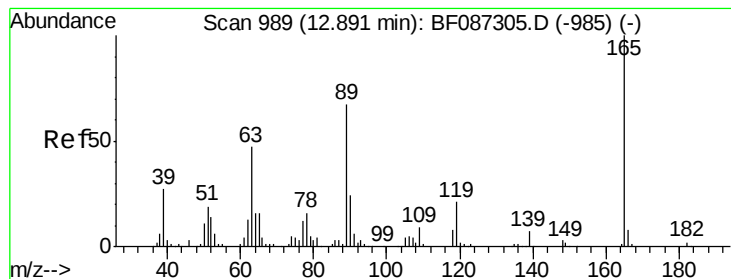
#55
4-Nitrophenol
Concen: 107.66 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:139 Resp: 190506
Ion Ratio Lower Upper
139 100
109 86.4 36.9 76.9#
65 126.5 64.0 104.0#



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





#56

2,4-Dinitrotoluene

Concen: 54.09 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

Tgt Ion:165 Resp: 261307

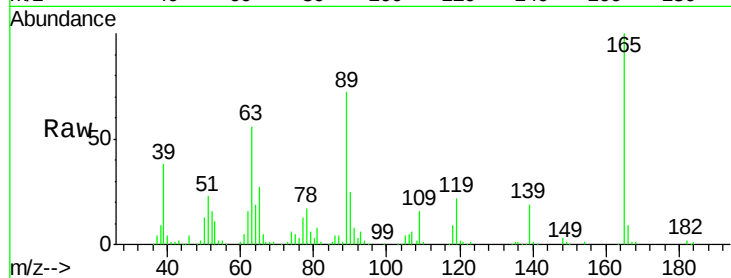
Ion Ratio Lower Upper

165 100

63 55.8 44.3 66.5

89 71.9 70.0 105.0

182 2.4 1.8 2.6

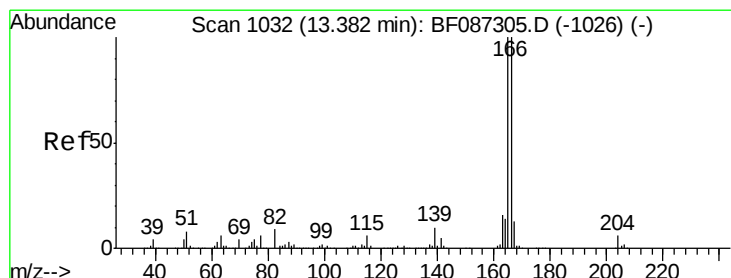
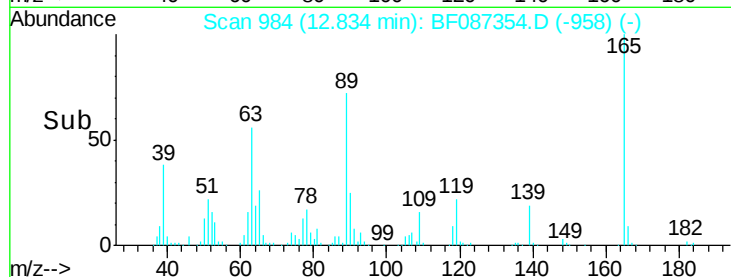
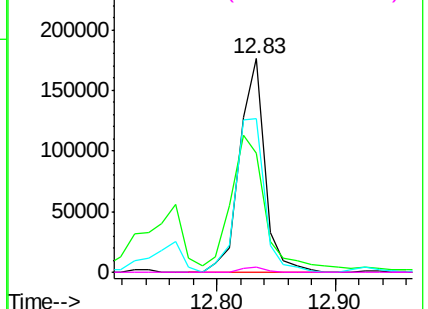


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 50.49 ng

RT: 13.31 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

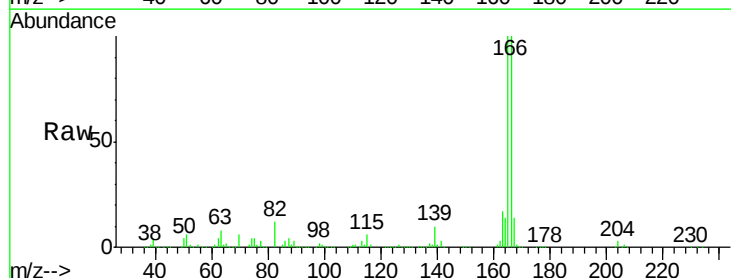
Tgt Ion:166 Resp: 831896

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

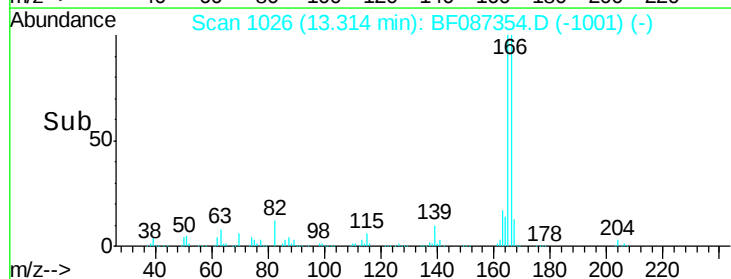
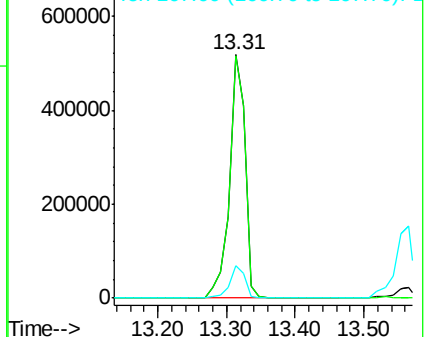
167 13.6 10.6 15.8

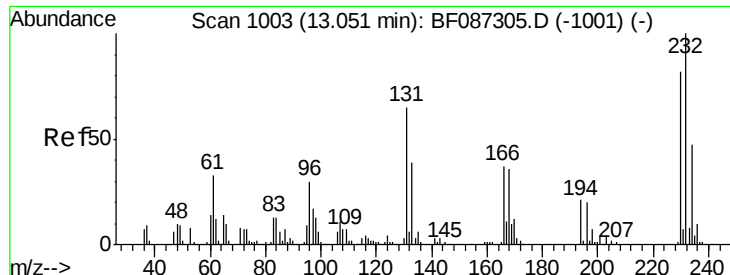


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

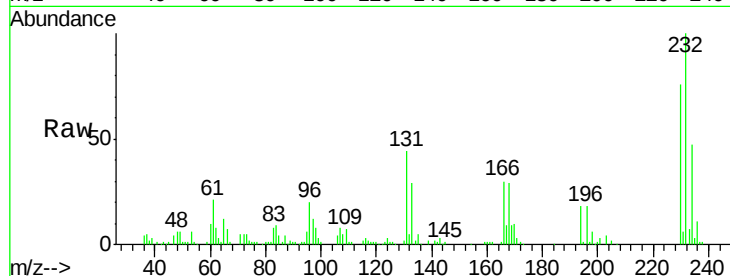




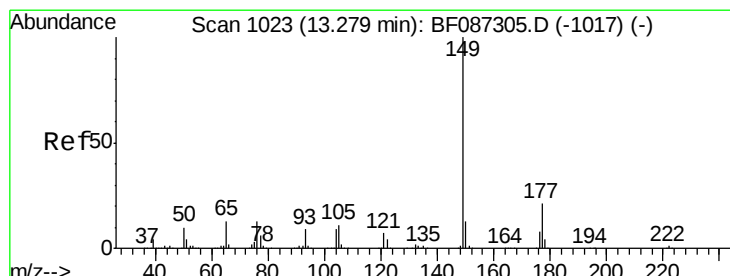
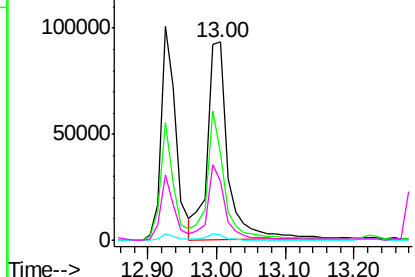
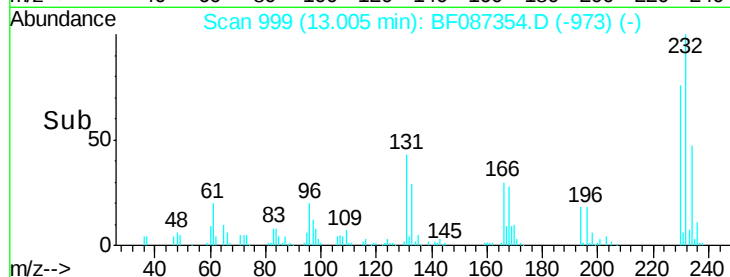
#58
2,3,4,6-Tetrachlorophenol
Concen: 60.17 ng
RT: 13.00 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.5	41.9	62.9
130	2.9	2.2	3.4
166	33.1	26.8	40.2

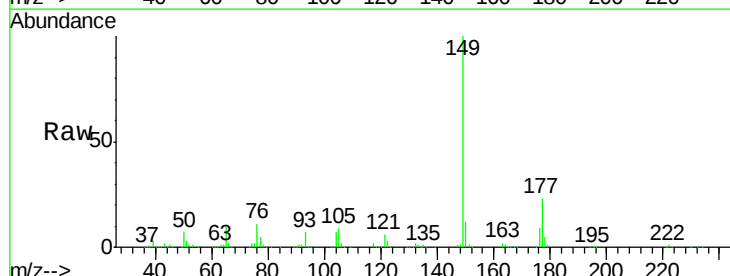


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

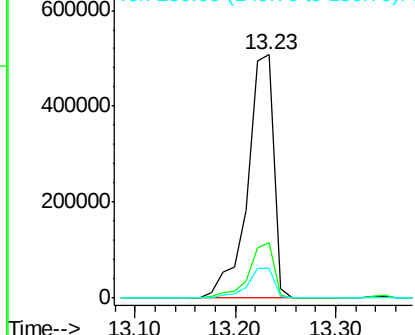
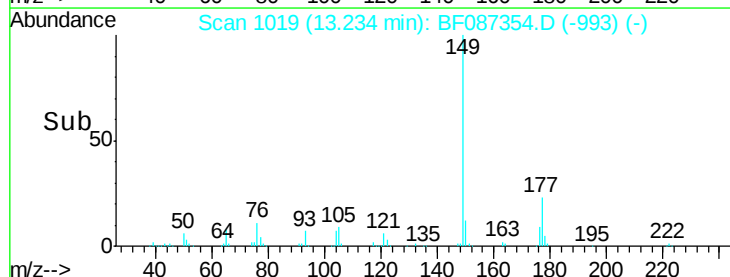


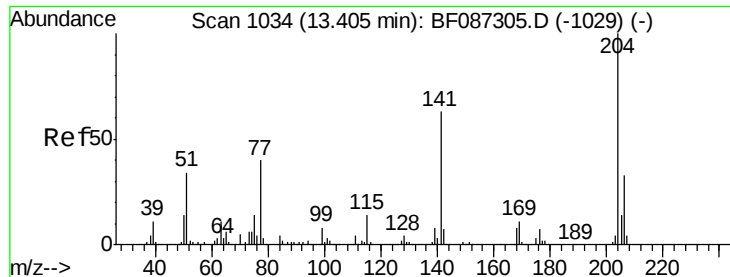
#59
Diethylphthalate
Concen: 52.62 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.6	24.8
150	12.2	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

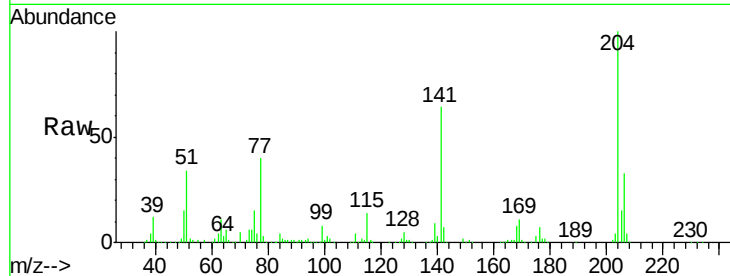




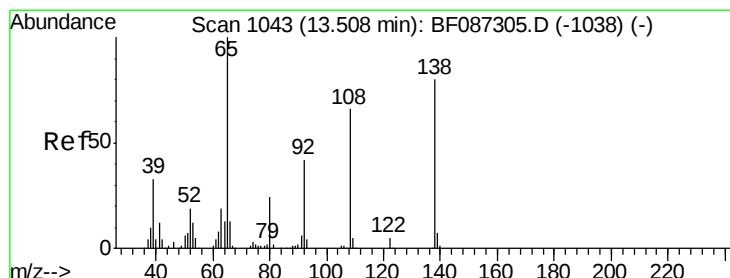
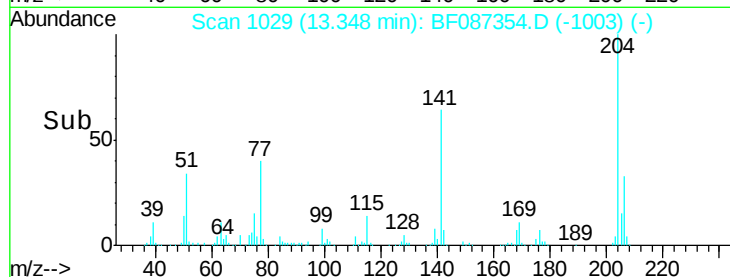
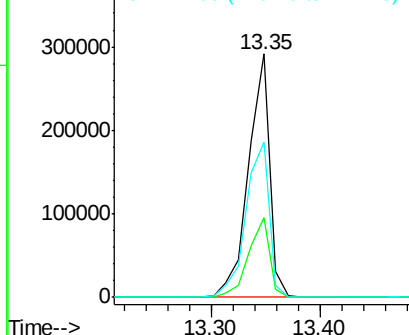
#60
4-Chlorophenyl-phenylether
Concen: 49.20 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion:204 Resp: 395355
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 64.0 61.6 92.4

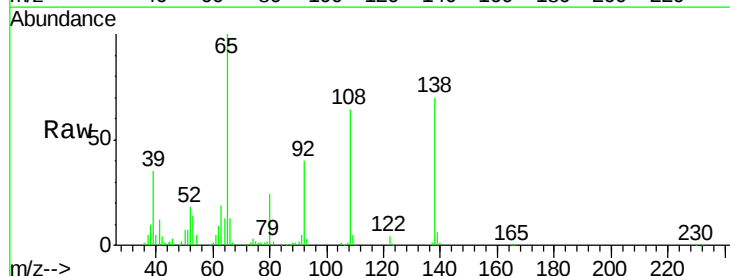


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

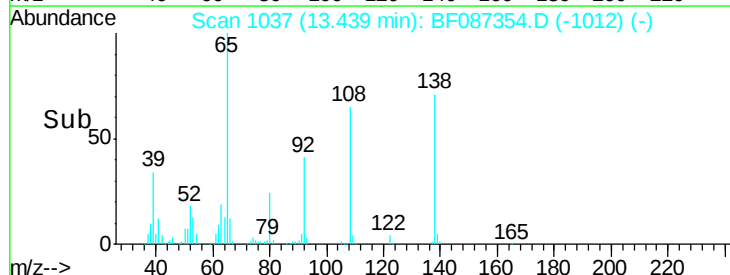
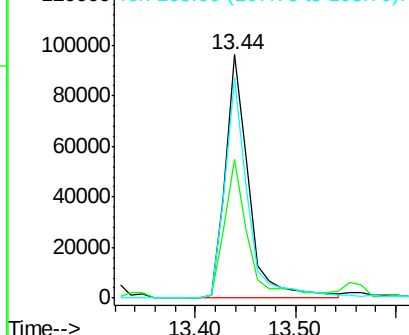


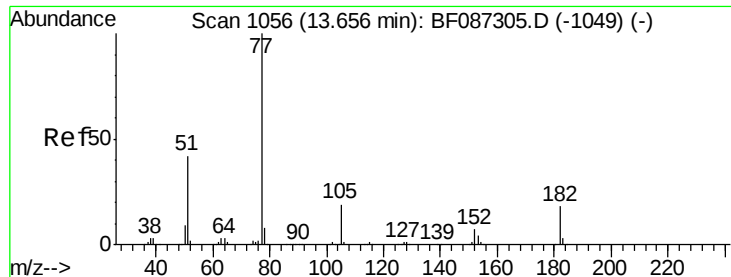
#61
4-Nitroaniline
Concen: 45.32 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:138 Resp: 156900
Ion Ratio Lower Upper
138 100
92 57.1 24.7 64.7
108 90.8 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 56.21 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

Tgt Ion: 77 Resp: 1016977

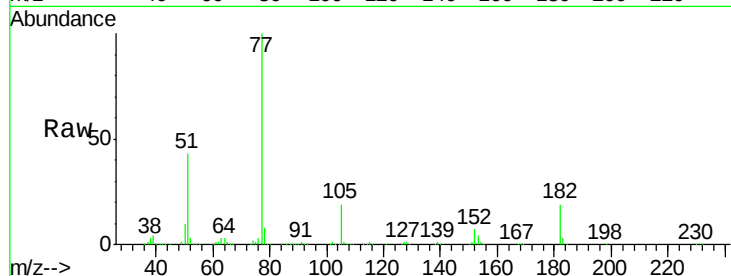
Ion Ratio Lower Upper

77 100

182 18.8 0.0 38.8

105 19.2 3.2 43.2

51 43.0 8.8 48.8

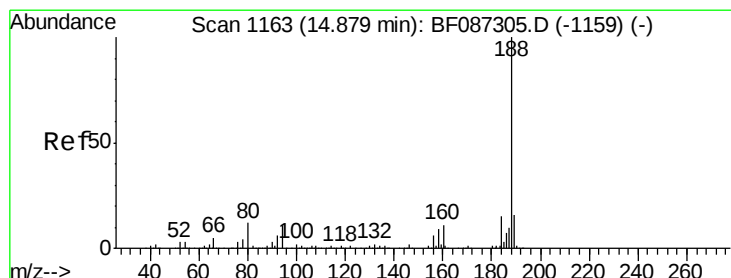
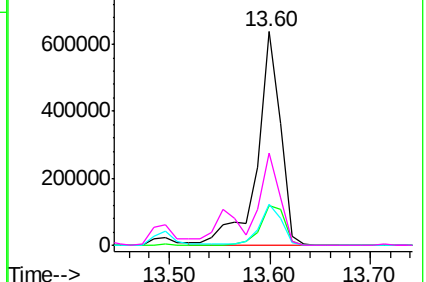
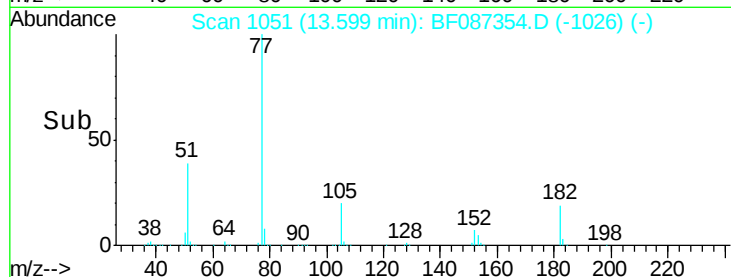


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

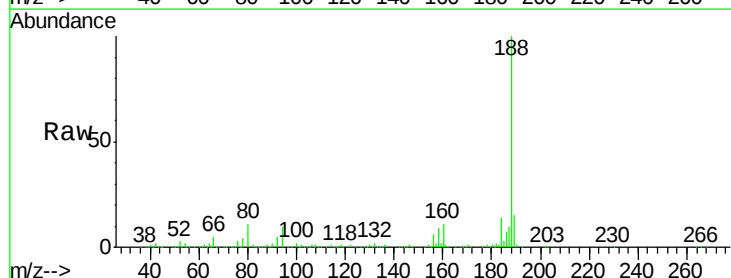
Tgt Ion: 188 Resp: 436346

Ion Ratio Lower Upper

188 100

94 10.1 6.8 10.2

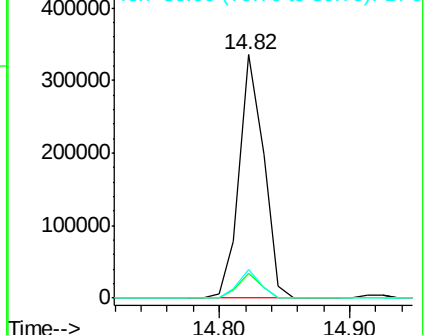
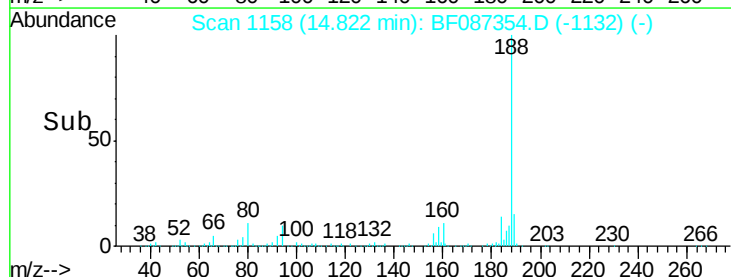
80 11.5 7.1 10.7#

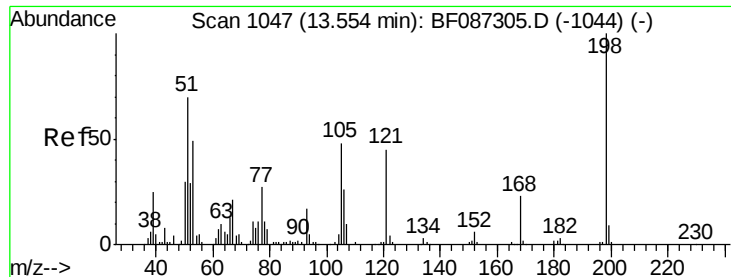


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 47.37 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

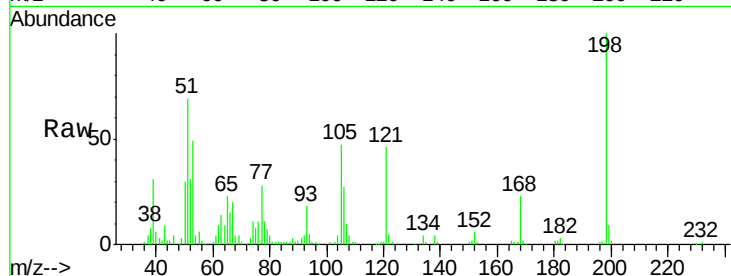
Tgt Ion:198 Resp: 131434

Ion Ratio Lower Upper

198 100

51 69.2 20.5 60.5#

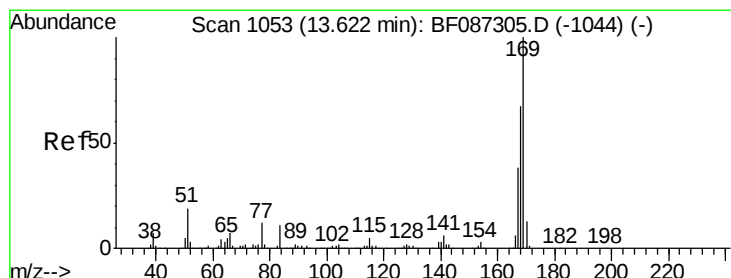
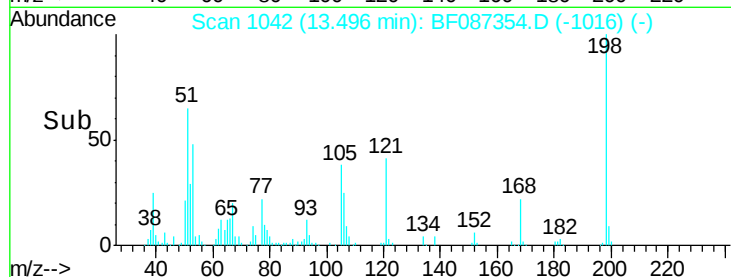
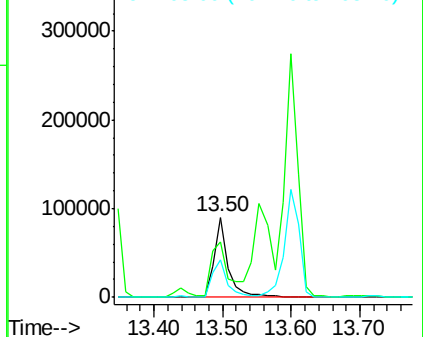
105 46.8 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 48.71 ng

RT: 13.57 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

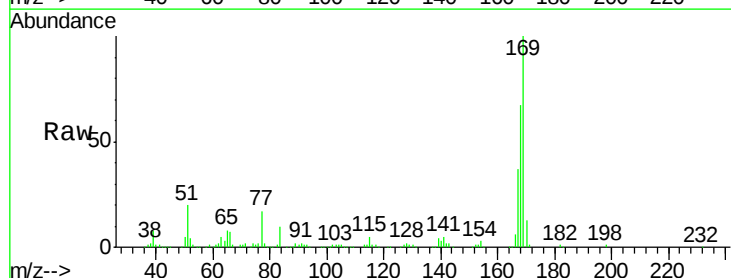
Tgt Ion:169 Resp: 687356

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

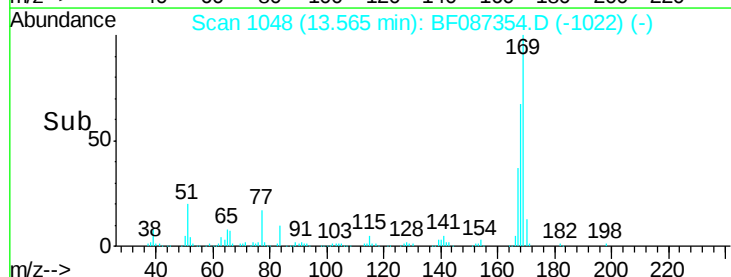
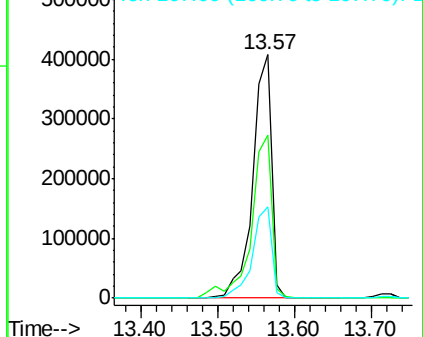
167 37.3 29.5 44.3

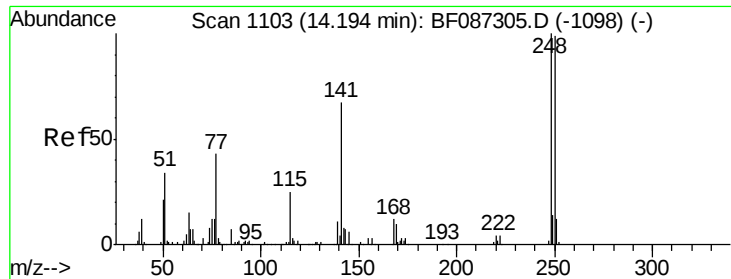


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

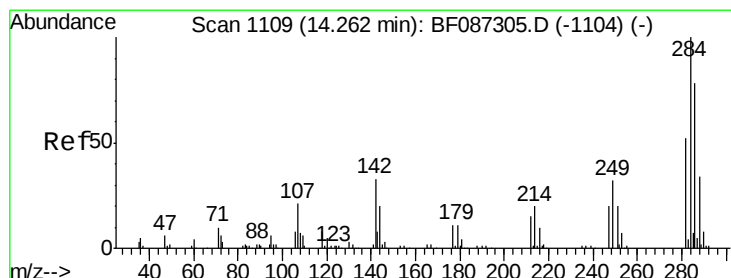
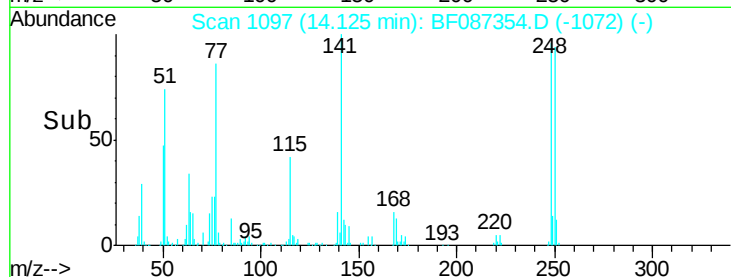
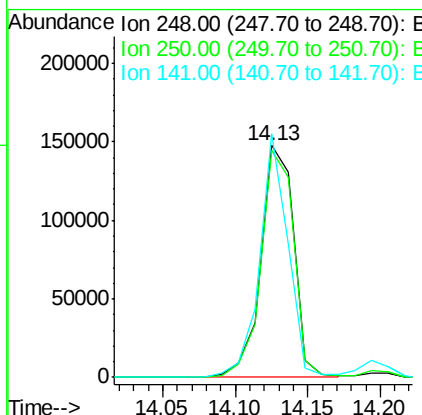
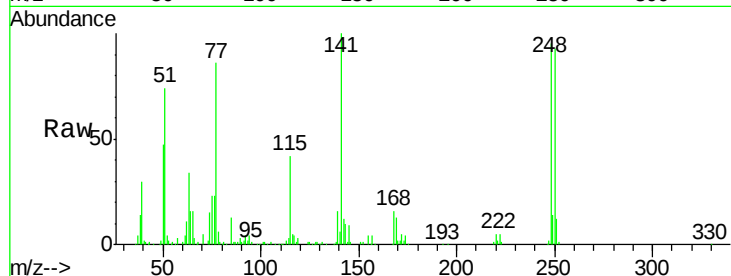




#66
4-Bromophenyl-phenylether
Concen: 48.41 ng
RT: 14.13 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

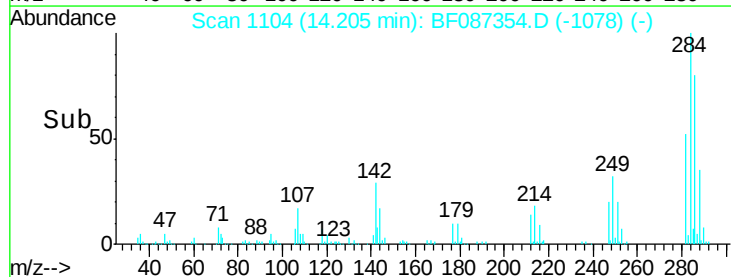
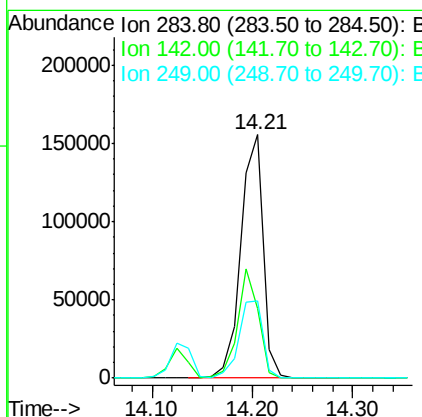
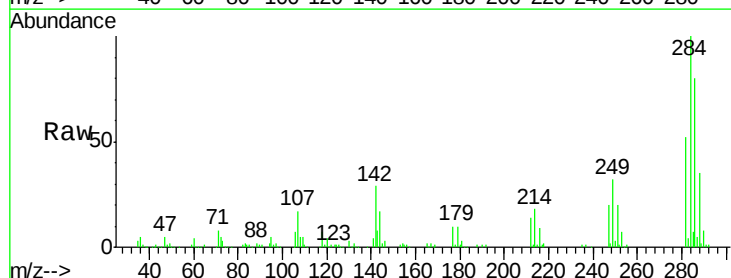
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

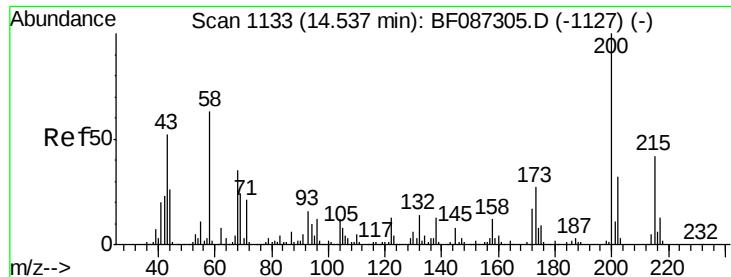
Tgt Ion:248 Resp: 231098
Ion Ratio Lower Upper
248 100
250 97.9 78.6 117.8
141 105.1 76.0 114.0



#67
Hexachlorobenzene
Concen: 47.97 ng
RT: 14.21 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:284 Resp: 239481
Ion Ratio Lower Upper
284 100
142 28.8 16.7 25.1#
249 31.7 21.3 31.9

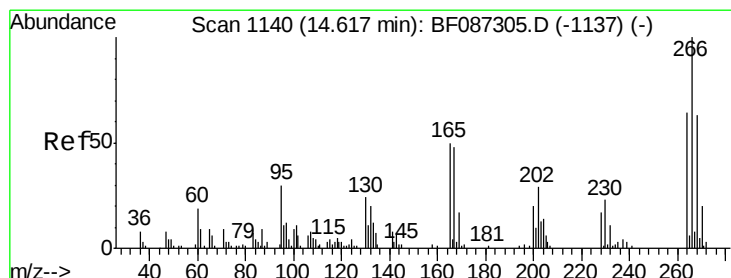
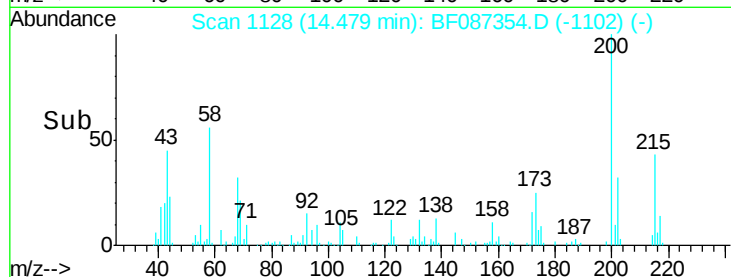
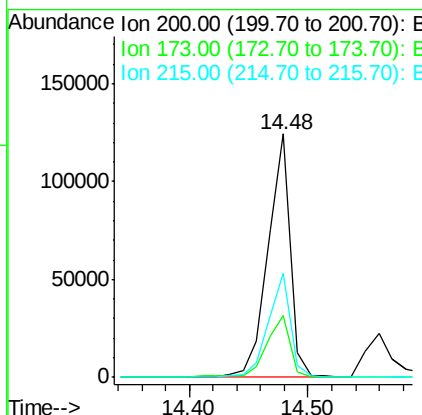
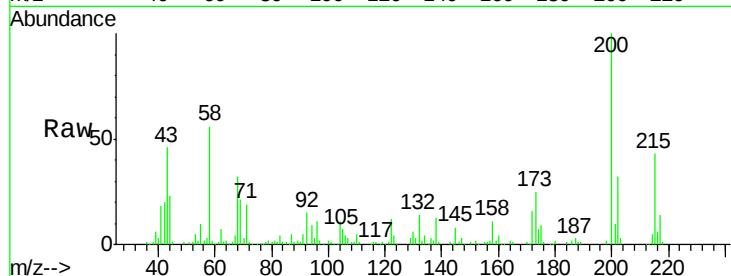




#68
 Atrazine
 Concen: 36.30 ng
 RT: 14.48 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

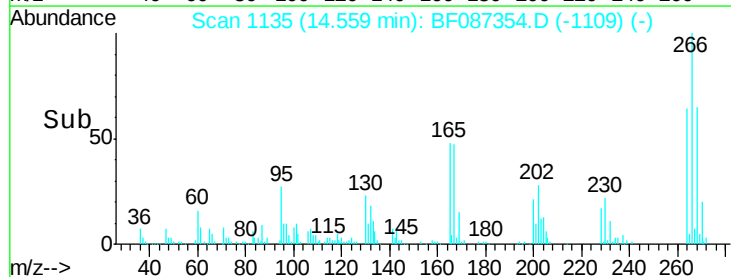
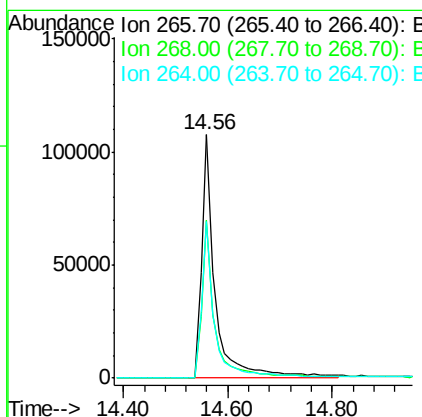
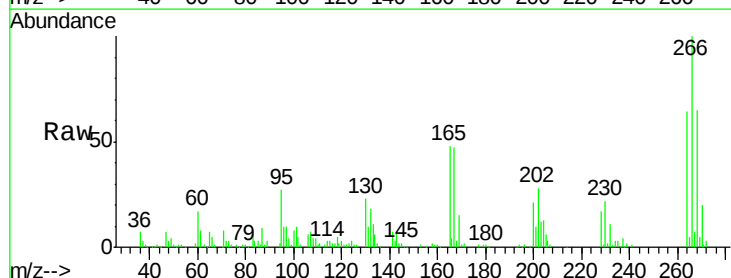
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

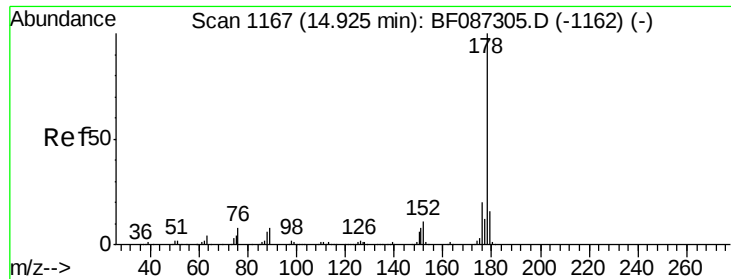
Tgt Ion: 200 Resp: 163279
 Ion Ratio Lower Upper
 200 100
 173 25.4 8.5 48.5
 215 42.7 27.2 67.2



#69
 Pentachlorophenol
 Concen: 122.80 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion: 266 Resp: 196102
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.5 77.3
 264 64.5 52.9 79.3

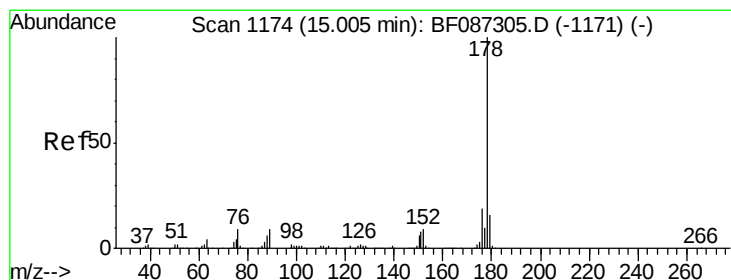
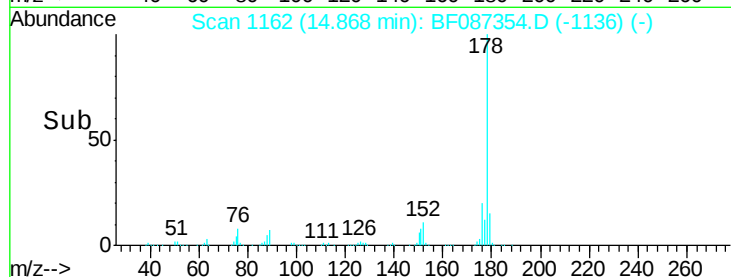
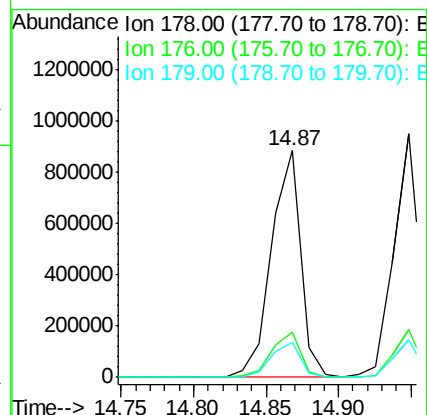
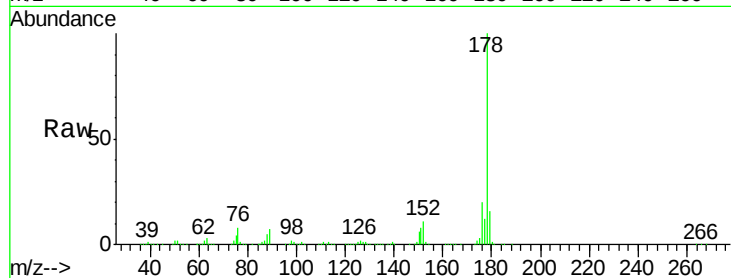




#70
Phenanthrene
Concen: 51.65 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

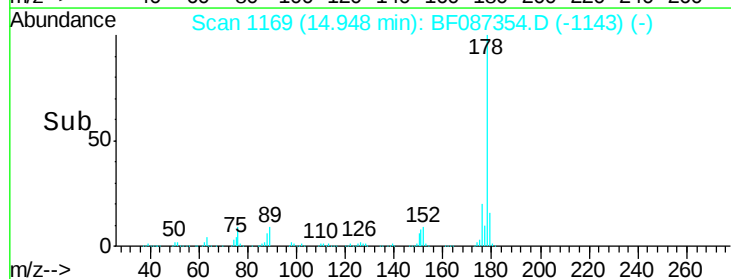
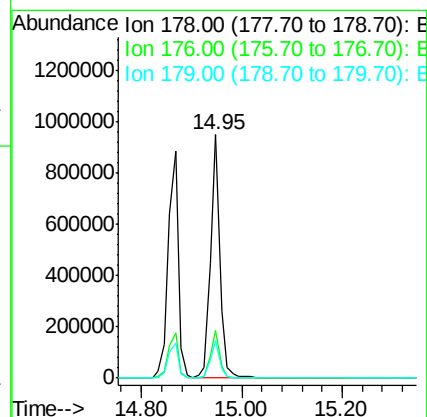
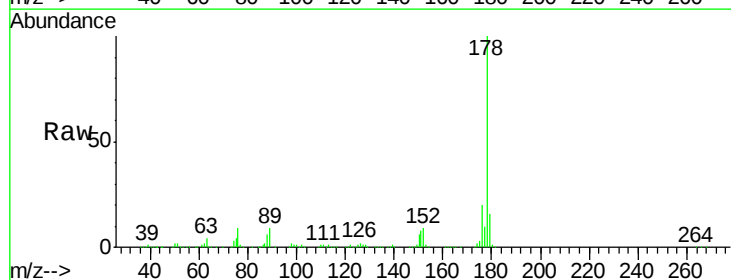
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

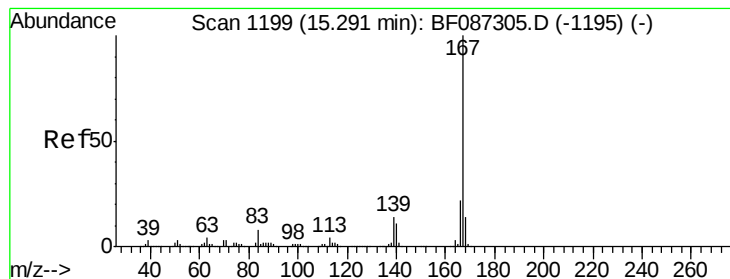
Tgt Ion:178 Resp: 1248391
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.5 12.6 18.8



#71
Anthracene
Concen: 50.45 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:178 Resp: 1231771
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.7 19.1





#72

Carbazole

Concen: 50.62 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

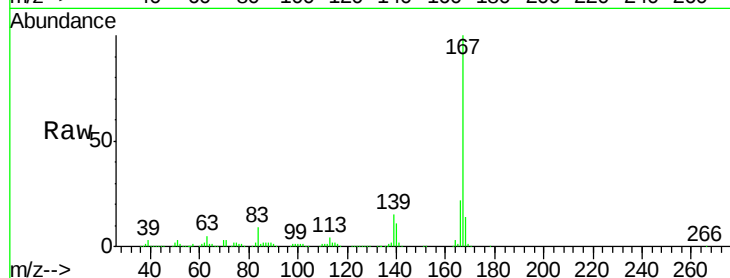
Tgt Ion:167 Resp: 1054081

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

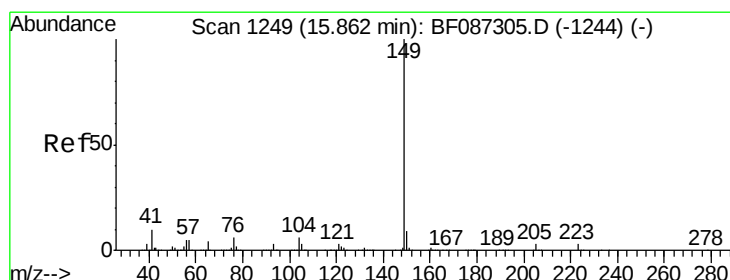
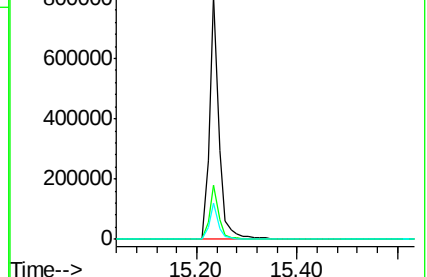
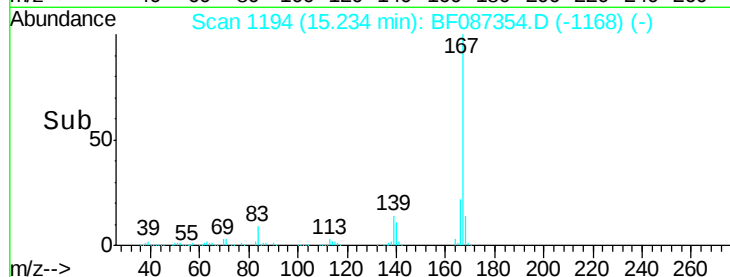
139 14.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 50.17 ng

RT: 15.81 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

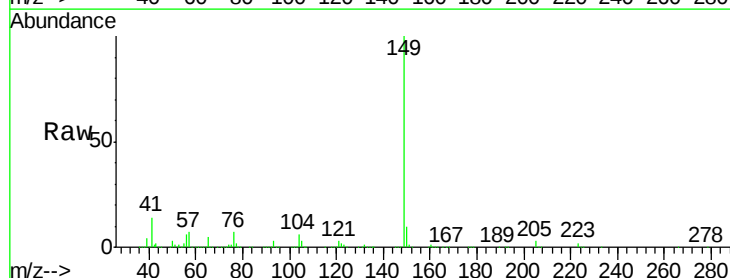
Tgt Ion:149 Resp: 1351218

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

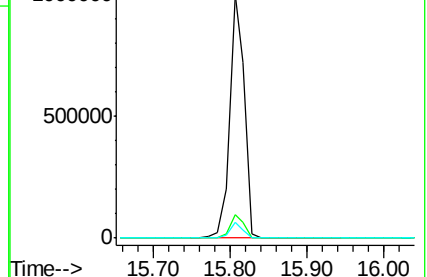
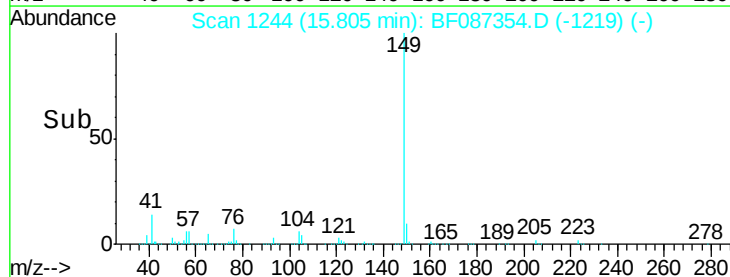
104 6.3 3.8 5.6#

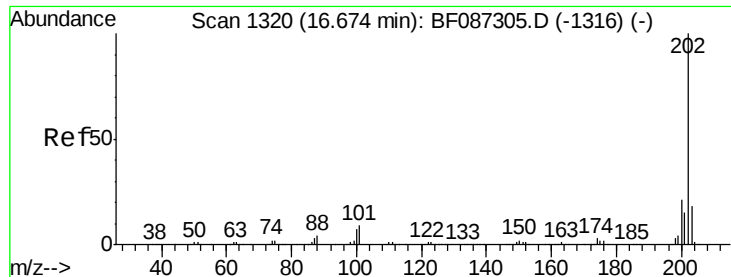


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

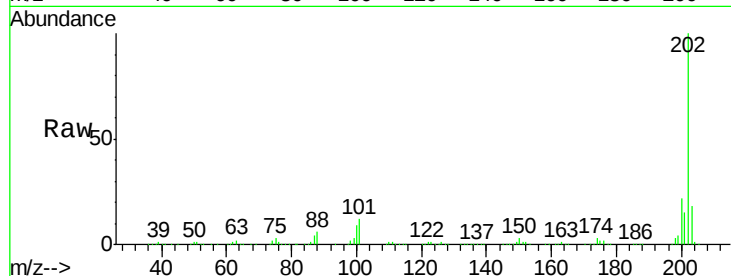




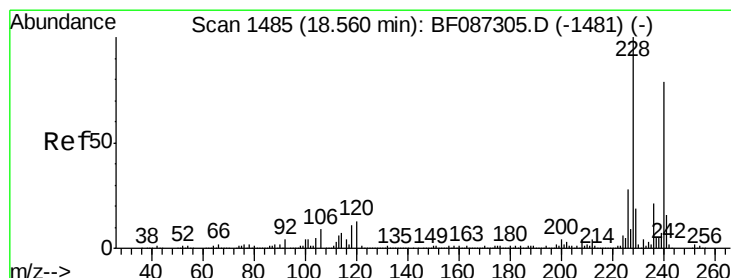
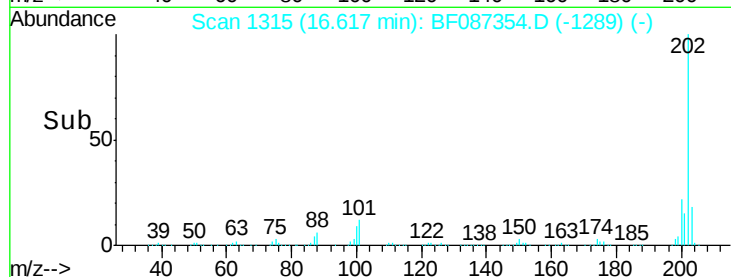
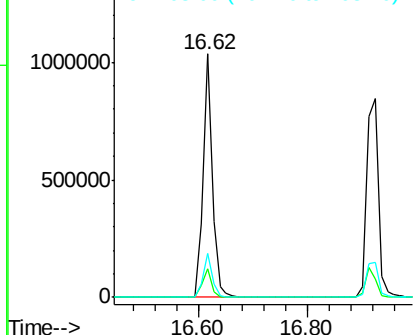
#74
 Fluoranthene
 Concen: 49.86 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion: 202 Resp: 1208535
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 35.4
 203 18.1 0.0 38.1

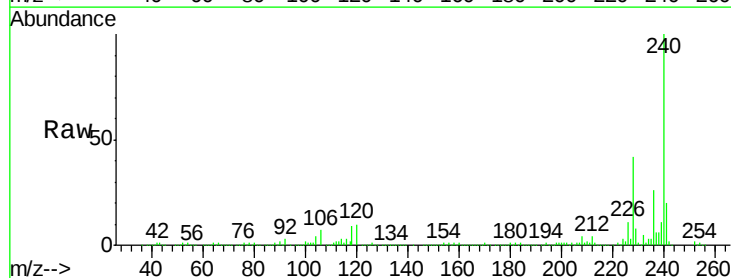


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

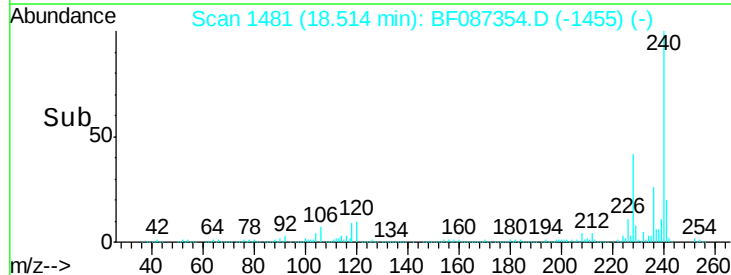
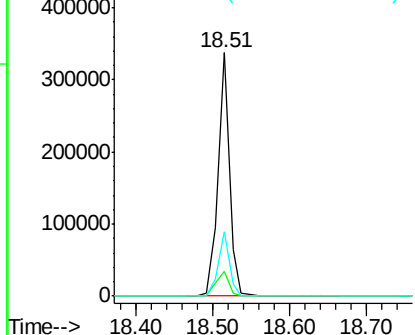


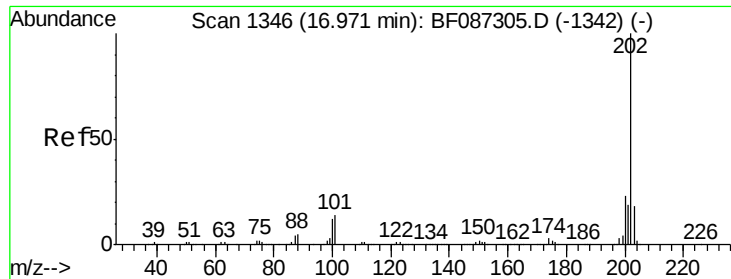
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.51 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion: 240 Resp: 350986
 Ion Ratio Lower Upper
 240 100
 120 10.3 11.2 16.8#
 236 26.2 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



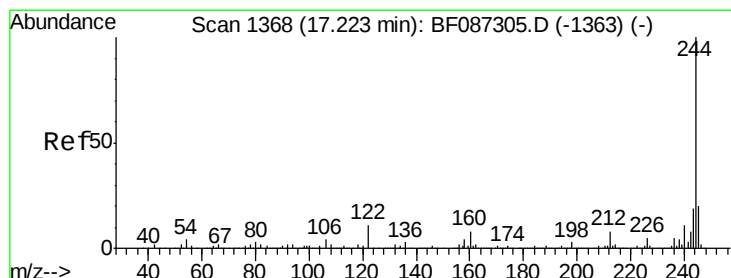
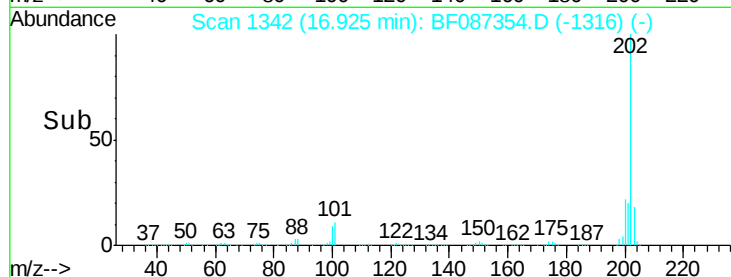
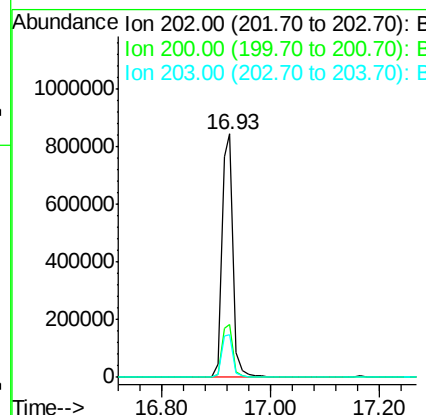
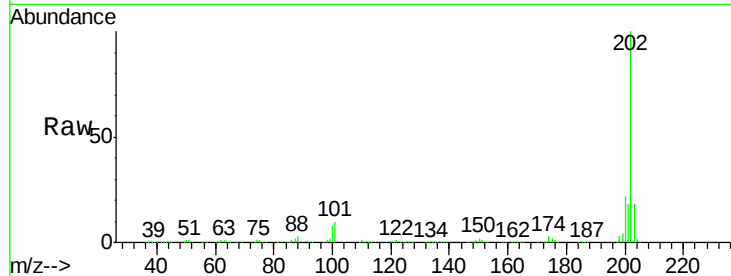


#77
 Pyrene
 Concen: 49.22 ng
 RT: 16.93 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion: 202 Resp: 1243572

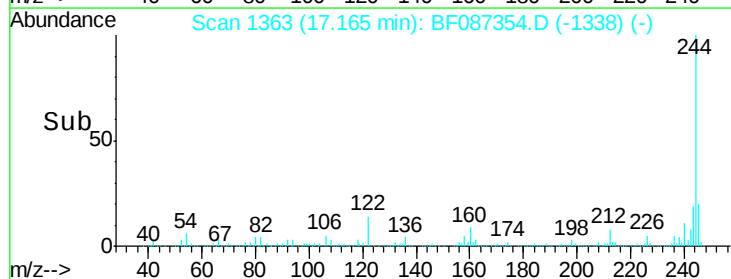
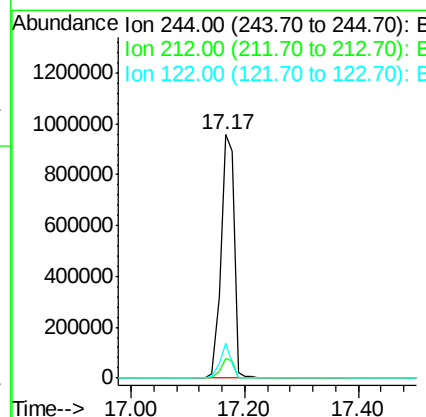
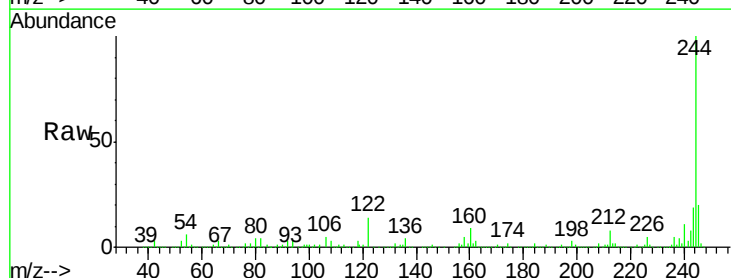
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.2	21.4

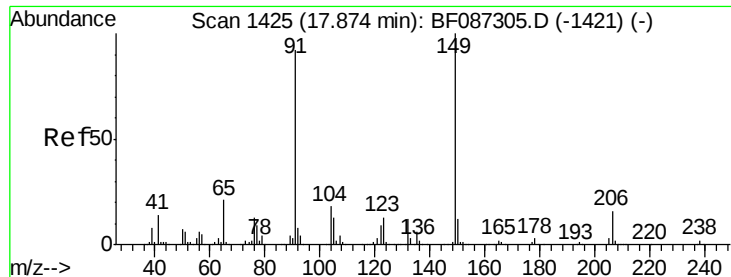


#78
 Terphenyl-d14
 Concen: 92.84 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion: 244 Resp: 1532724

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.2	12.0	18.0

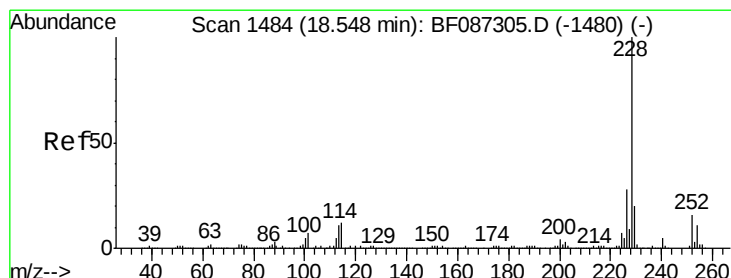
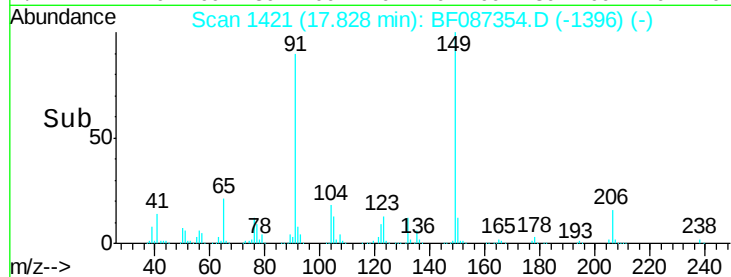
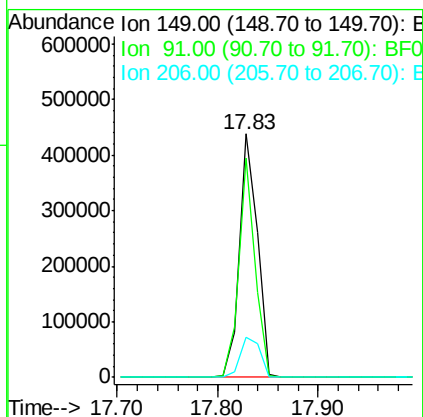
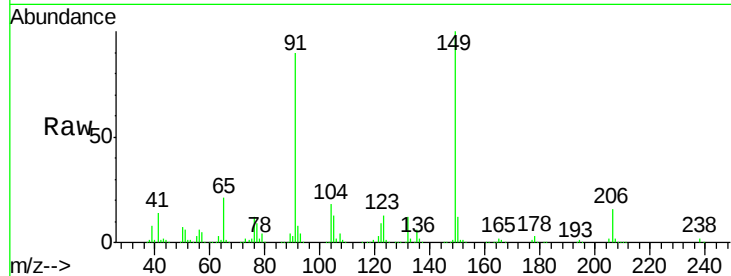




#79
Butylbenzylphthalate
Concen: 48.59 ng
RT: 17.83 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

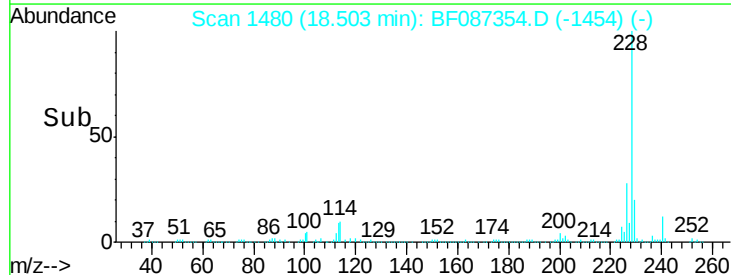
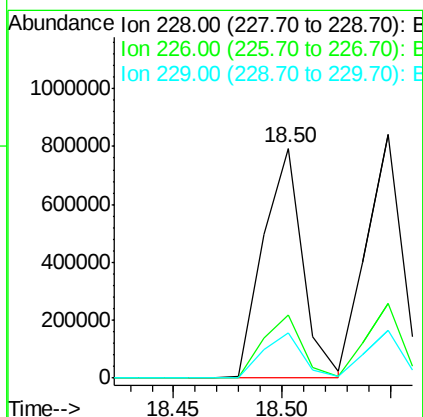
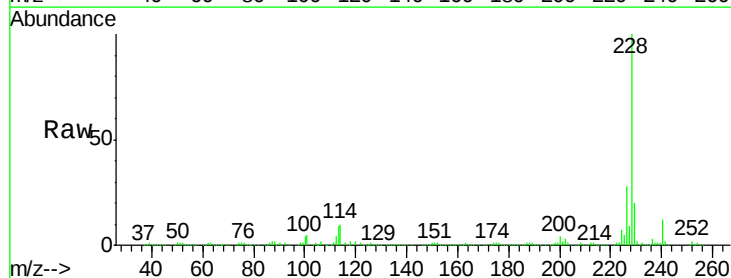
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

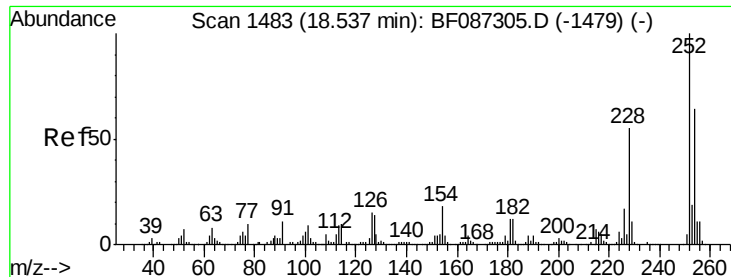
Tgt Ion:149 Resp: 544432
Ion Ratio Lower Upper
149 100
91 90.3 48.0 72.0#
206 16.5 15.8 23.6



#80
Benzo(a)anthracene
Concen: 50.23 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:228 Resp: 1002795
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 19.9 16.6 25.0

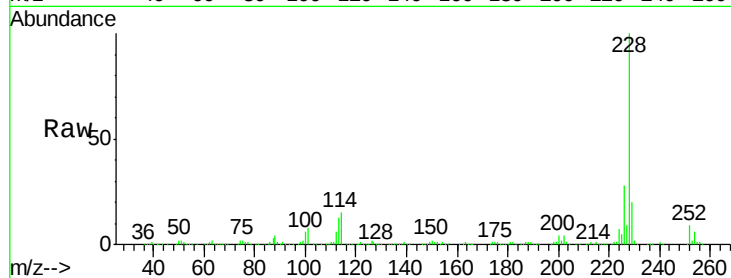




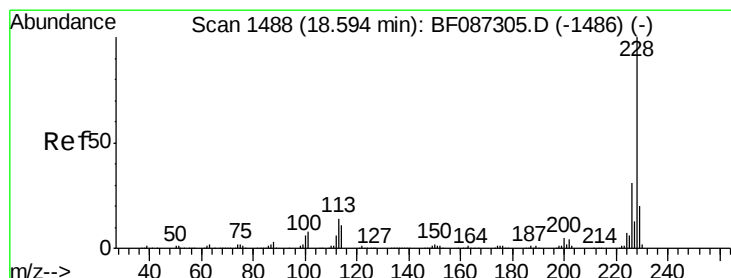
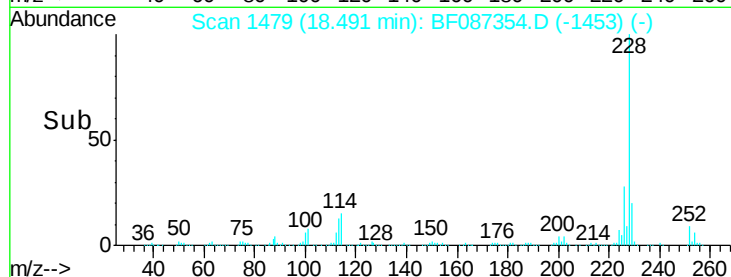
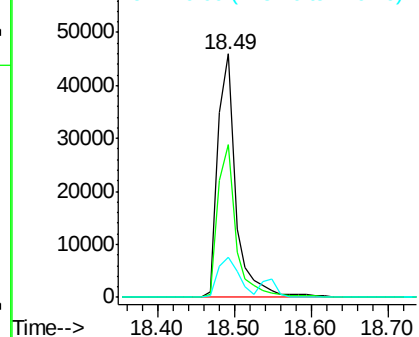
#81
 3,3'-Dichlorobenzidine
 Concen: 6.85 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tgt Ion: 252 Resp: 75499
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.7 76.1
 126 16.6 12.7 19.1

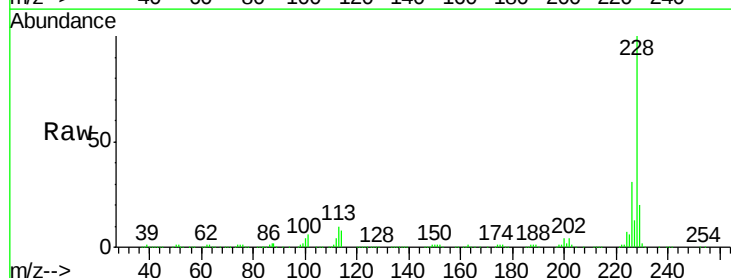


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

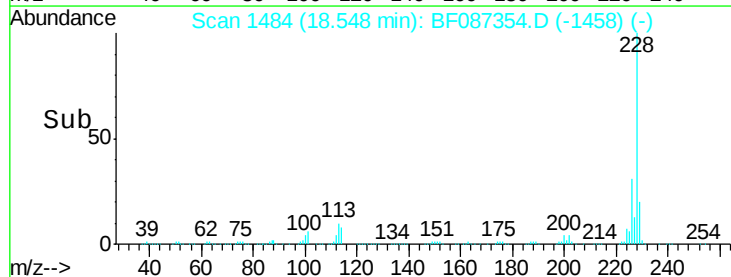
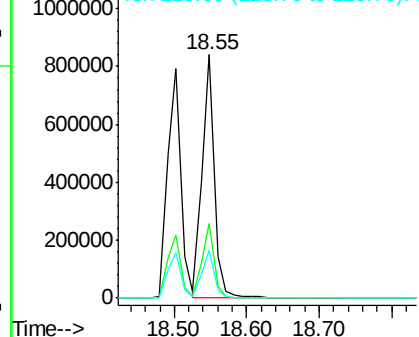


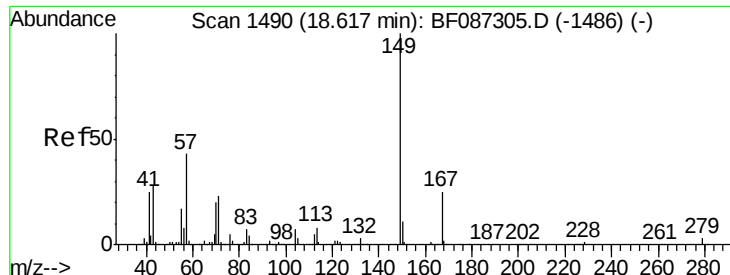
#82
 Chrysene
 Concen: 50.03 ng
 RT: 18.55 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion: 228 Resp: 991333
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 19.7 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

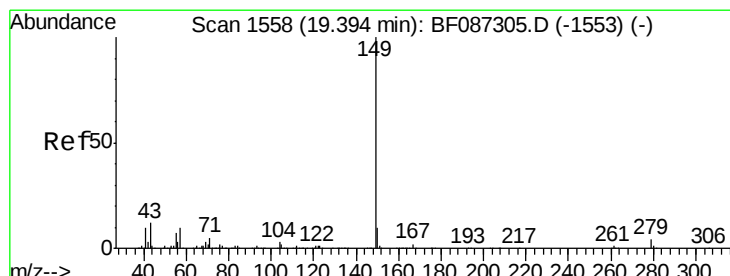
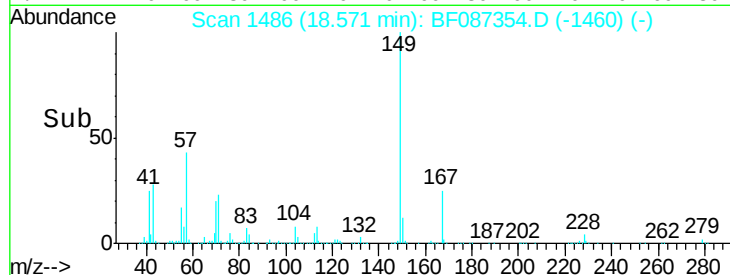
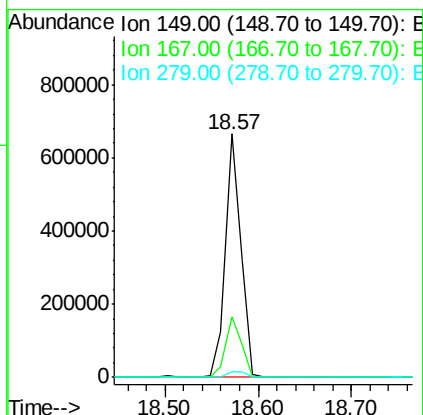
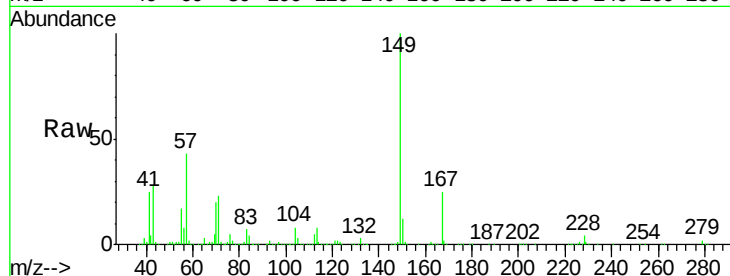




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.25 ng
 RT: 18.57 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

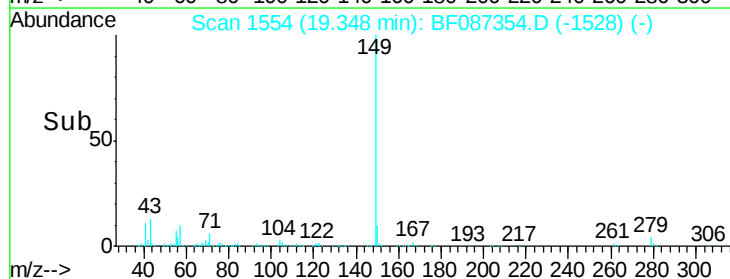
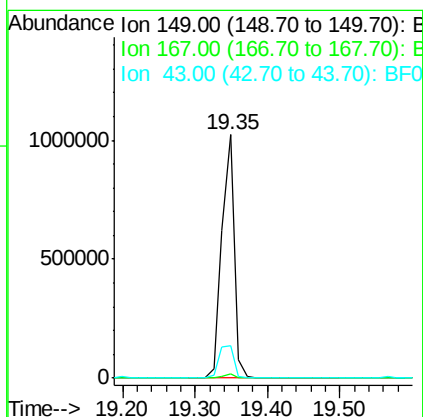
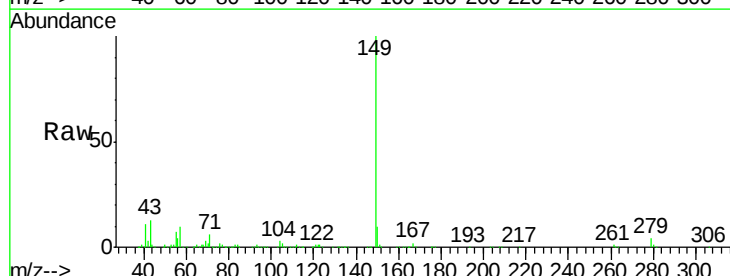
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

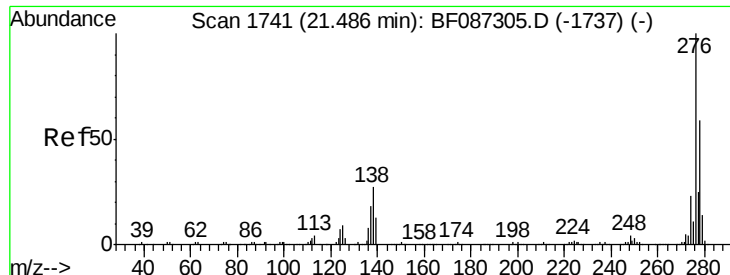
Tgt Ion:149 Resp: 772466
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.6
 279 2.3 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 48.93 ng
 RT: 19.35 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt Ion:149 Resp: 1219929
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.1 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.21 ng

RT: 21.42 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

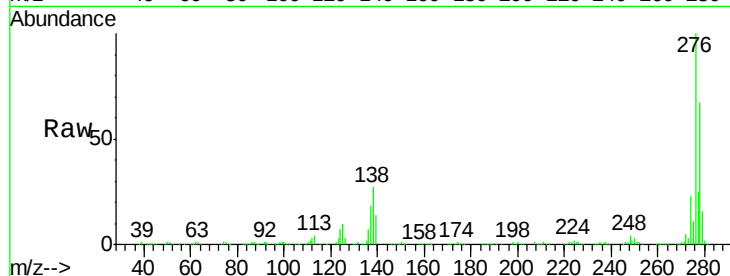
Tgt Ion:276 Resp: 718047

Ion Ratio Lower Upper

276 100

138 27.1 25.6 38.4

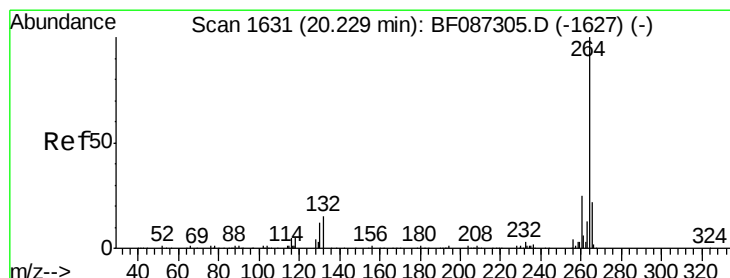
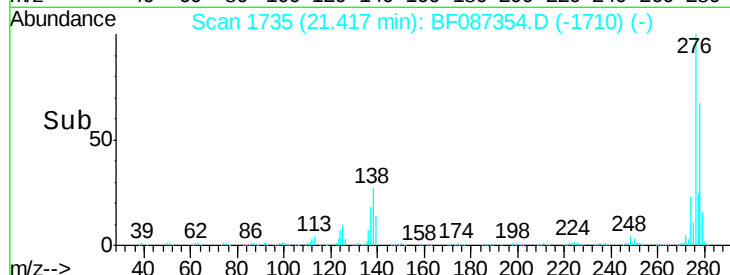
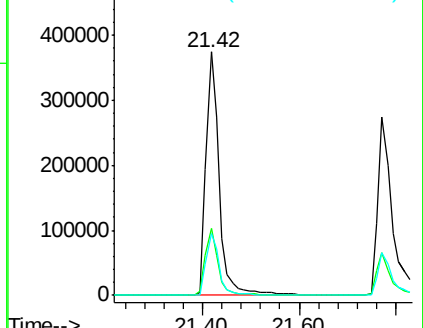
277 25.5 20.5 30.7



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: 20.18 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

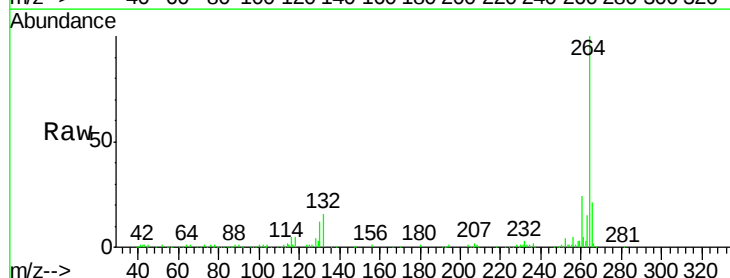
Tgt Ion:264 Resp: 240851

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

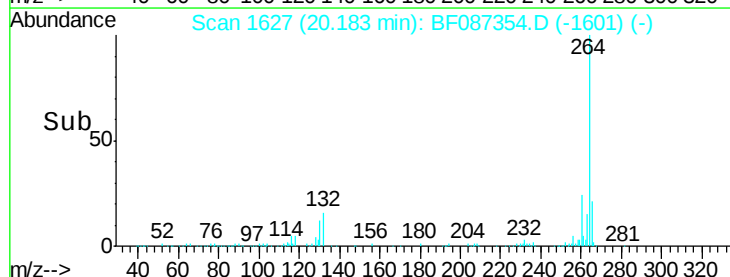
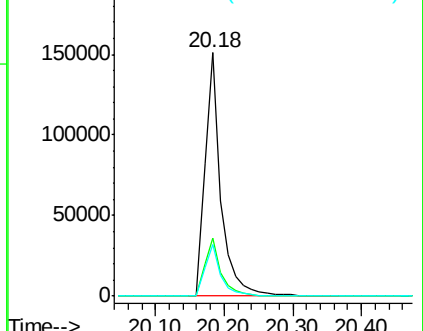
265 21.3 17.3 25.9

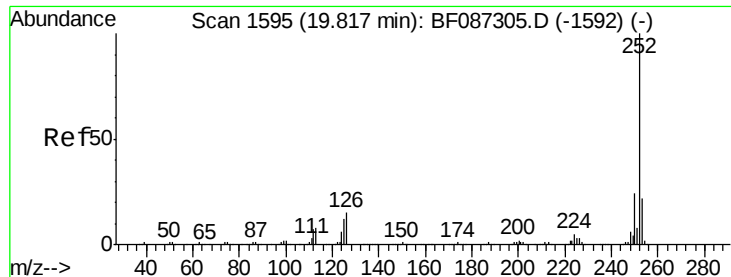


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 104.99 ng

RT: 19.77 min Scan# 1591

Delta R.T. -0.00 min

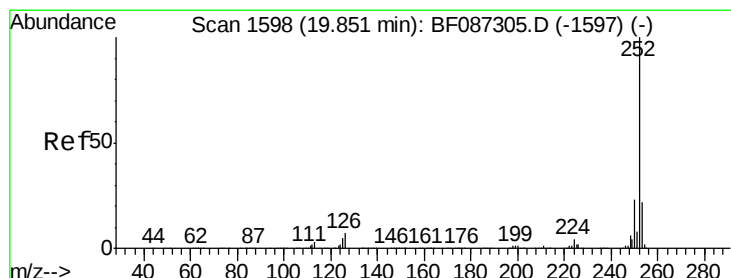
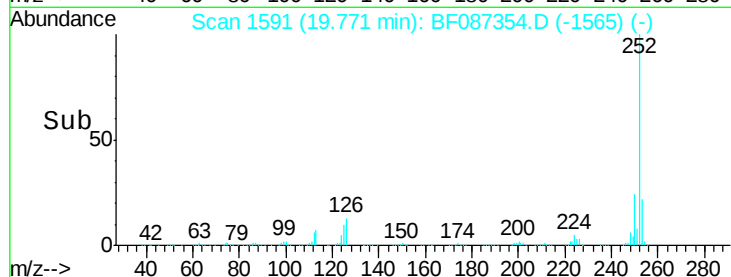
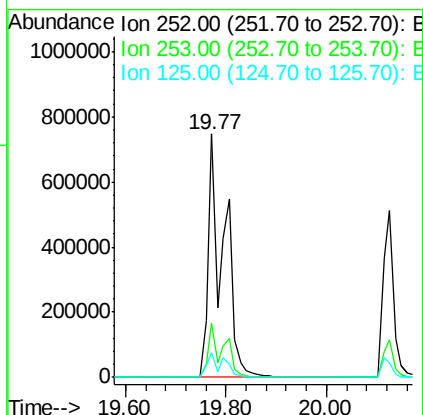
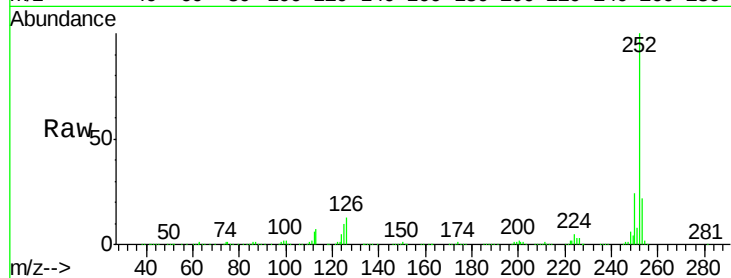
Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tgt Ion:252 Resp: 1610844

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.9	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 122.05 ng

RT: 19.77 min Scan# 1591

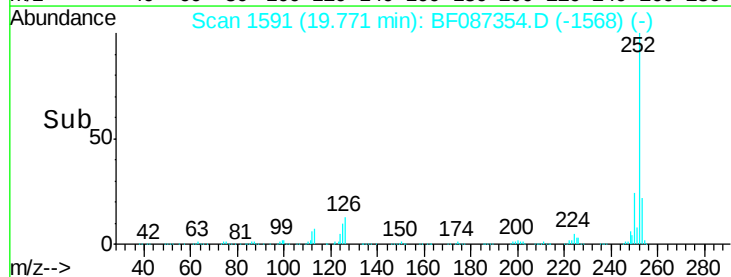
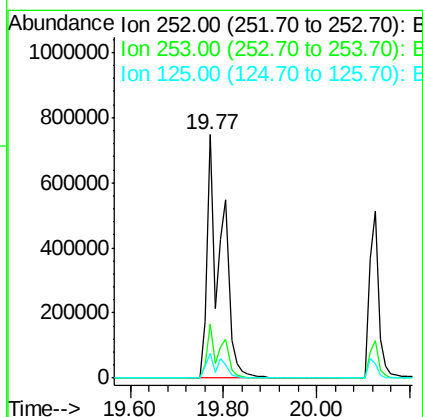
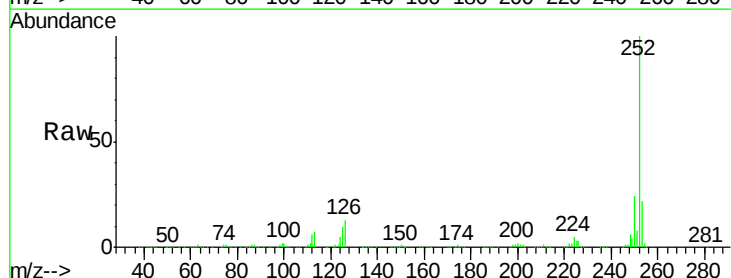
Delta R.T. -0.03 min

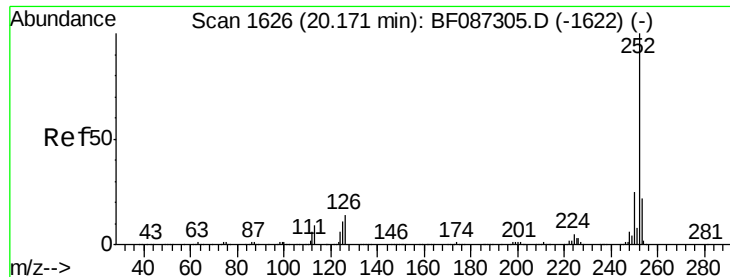
Lab File: BF087354.D

Acq: 25 May 2016 00:16

Tgt Ion:252 Resp: 1611701

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.9	9.1	13.7





#89

Benzo(a)pyrene

Concen: 55.68 ng

RT: 20.13 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

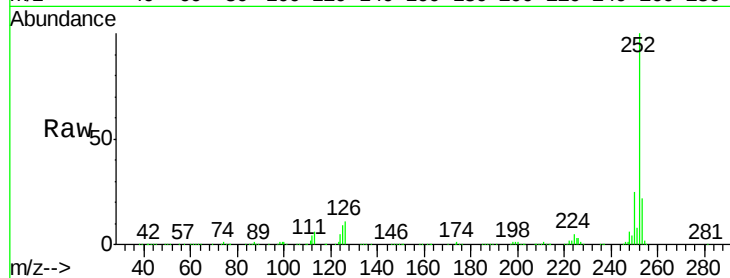
Tgt Ion:252 Resp: 738777

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

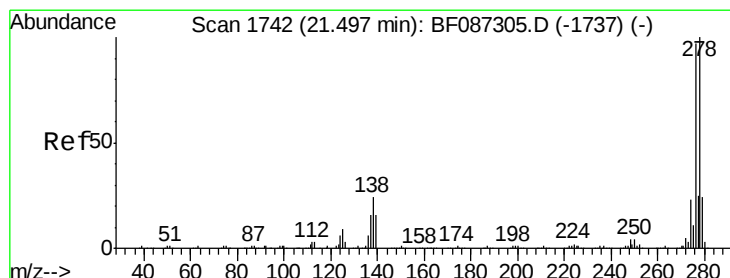
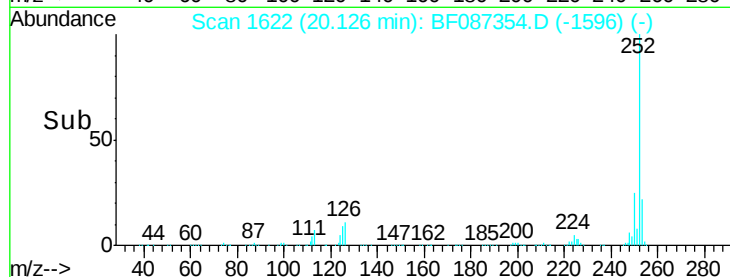
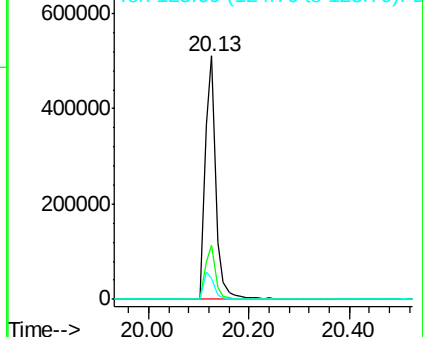
125 8.7 9.0 13.6#



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: 54.19 ng

RT: 21.43 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

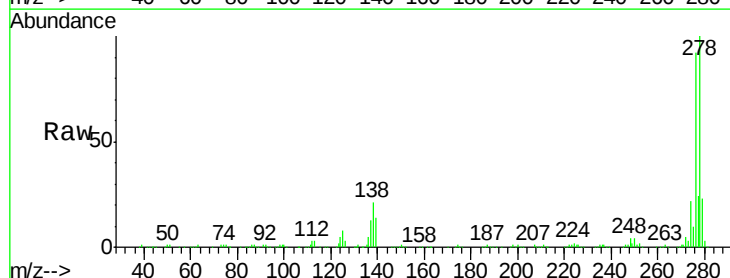
Tgt Ion:278 Resp: 613350

Ion Ratio Lower Upper

278 100

139 14.0 16.6 24.8#

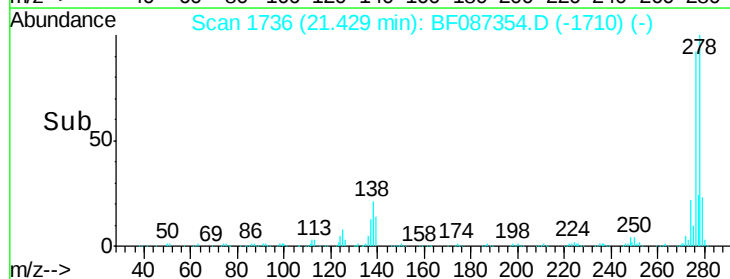
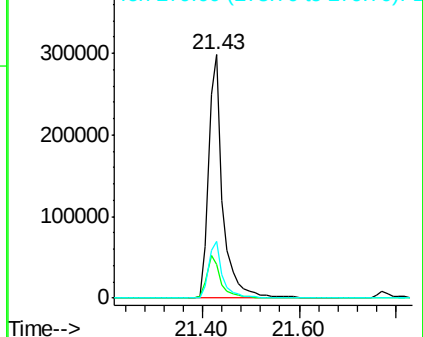
279 23.2 19.6 29.4

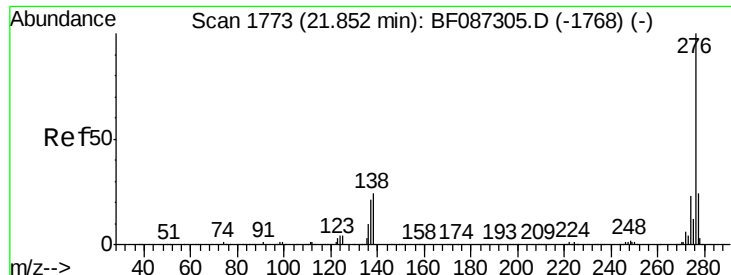


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.70 ng

RT: 21.77 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF087354.D

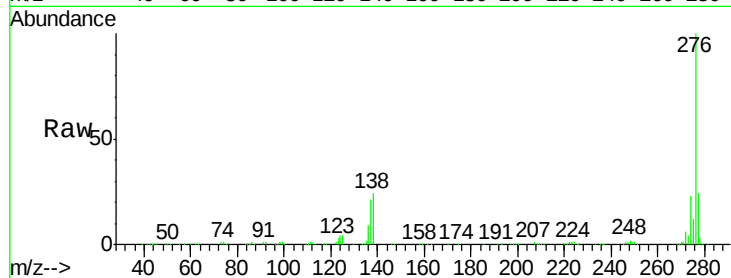
Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS



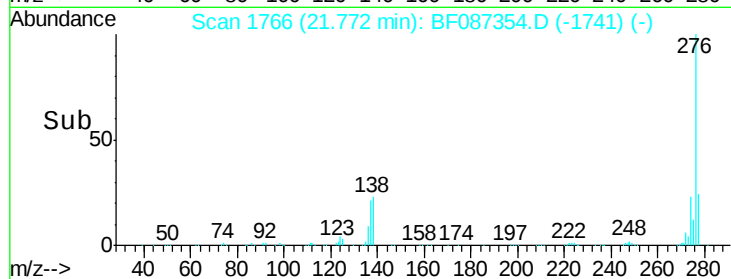
Tgt Ion: 276 Resp: 599646

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 23.7 23.6 35.4



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

