

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 15:50:47 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	2.07	88	121496m	34.85	ng	
3) Pyridine	2.71	79	199210m	26.14	ng	
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	90025m	49.45	ng	
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

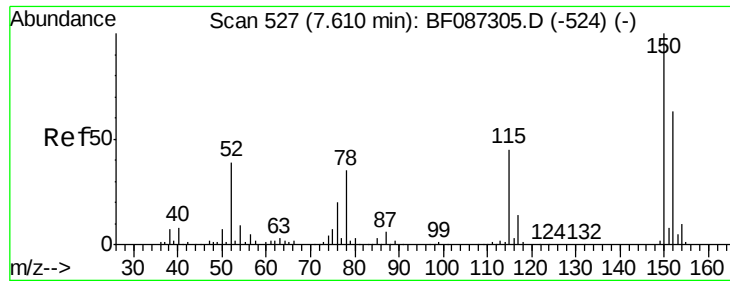
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	211276	51.07	nq	92
43) 2,4,5-Trichlorophenol	11.34	196	211808	50.27	nq	# 93
45) 1,1'-Biphenyl	11.52	154	915340	48.55	nq	97
46) 2-Chloronaphthalene	11.53	162	686769	47.61	nq	# 91
47) 2-Nitroaniline	11.75	65	282430	54.35	nq	# 75
48) Acenaphthylene	12.19	152	1124208	49.23	nq	99
49) Dimethylphthalate	12.08	163	891220	49.69	nq	100
50) 2,6-Dinitrotoluene	12.17	165	190657	52.75	nq	91
51) Acenaphthene	12.48	154	696259	49.61	nq	98
52) 3-Nitroaniline	12.43	138	73215	19.74	nq	# 77
53) 2,4-Dinitrophenol	12.63	184	176882	94.34	nq	# 77
54) Dibenzofuran	12.76	168	1017746	53.56	nq	96
55) 4-Nitrophenol	12.81	139	190506	107.66	nq	# 56
56) 2,4-Dinitrotoluene	12.83	165	261307	54.09	nq	90
57) Fluorene	13.31	166	831896	50.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	195012	60.17	nq	97
59) Diethylphthalate	13.23	149	917623	52.62	nq	97
60) 4-Chlorophenyl-phenylether	13.35	204	395355	49.20	nq	89
61) 4-Nitroaniline	13.44	138	156900	45.32	nq	# 66
62) Azobenzene	13.60	77	1016977	56.21	nq	86
64) 4,6-Dinitro-2-methylphenol	13.50	198	131434	47.37	nq	# 76
65) n-Nitrosodiphenylamine	13.57	169	687356	48.71	nq	100
66) 4-Bromophenyl-phenylether	14.13	248	231098	48.41	nq	95
67) Hexachlorobenzene	14.21	284	239481	47.97	nq	# 87
68) Atrazine	14.48	200	163279	36.30	nq	94
69) Pentachlorophenol	14.56	266	196102	122.80	nq	99
70) Phenanthrene	14.87	178	1248391	51.65	nq	99
71) Anthracene	14.95	178	1231771	50.45	nq	100
72) Carbazole	15.23	167	1054081	50.62	nq	99
73) Di-n-butylphthalate	15.81	149	1351218	50.17	nq	# 98
74) Fluoranthene	16.62	202	1208535	49.86	nq	96
77) Pyrene	16.93	202	1243572	49.22	nq	100
79) Butylbenzylphthalate	17.83	149	544432	48.59	nq	# 68
80) Benzo(a)anthracene	18.50	228	1002795	50.23	nq	99
81) 3,3'-Dichlorobenzidine	18.49	252	75499	6.85	nq	99
82) Chrysene	18.55	228	991333	50.03	nq	100
83) Bis(2-ethylhexyl)phthalate	18.57	149	772466	47.25	nq	# 96
84) Di-n-octyl phthalate	19.35	149	1219929	48.93	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.42	276	718047	45.21	nq	95
87) Benzo(b)fluoranthene	19.77	252	779532m	50.81	nq	
88) Benzo(k)fluoranthene	19.81	252	815409m	61.75	nq	
89) Benzo(a)pyrene	20.13	252	738777	55.68	nq	# 96
90) Dibenzo(a,h)anthracene	21.43	278	613350	54.19	nq	# 92
91) Benzo(g,h,i)perylene	21.77	276	599646	53.70	nq	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

Acq: 25 May 2016 00:16

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

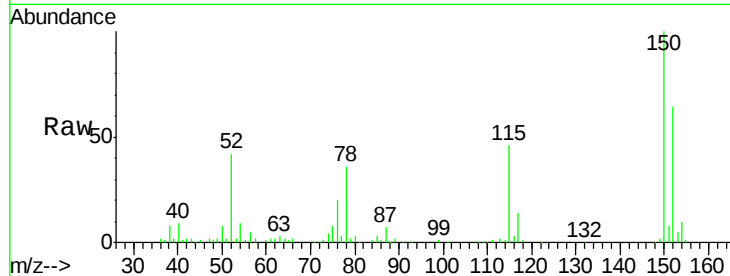
Tot Ion:152 Resp: 116102

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

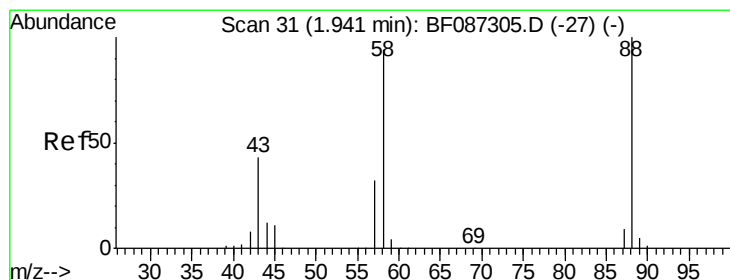
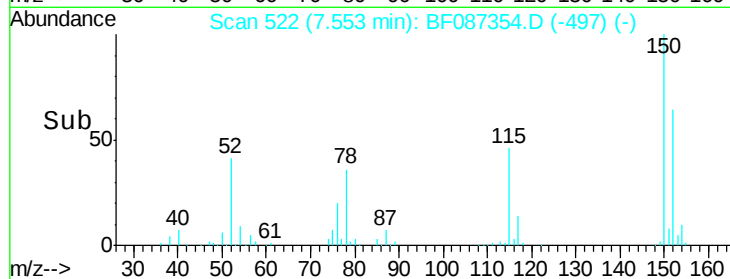
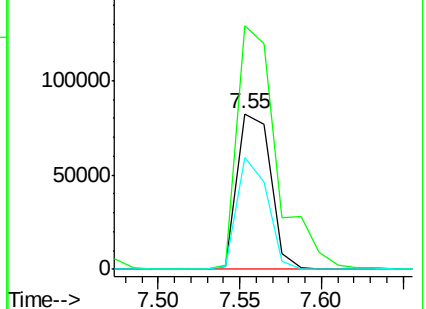
115 71.6 51.5 77.3



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: 34.85 ng m

RT: 2.07 min Scan# 42

Delta R.T. 0.21 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

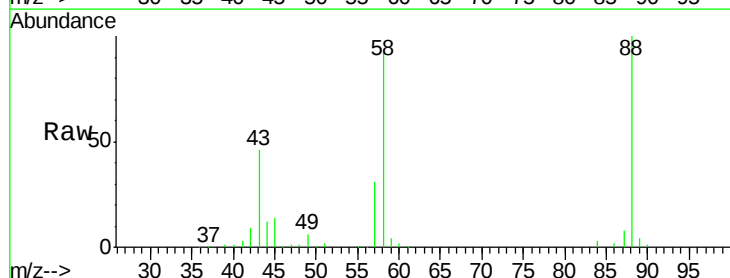
Tgt Ion: 88 Resp: 121496

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

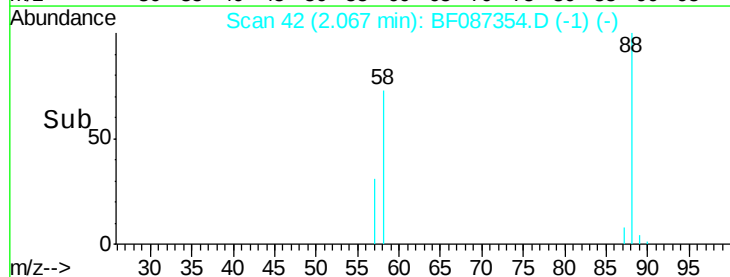
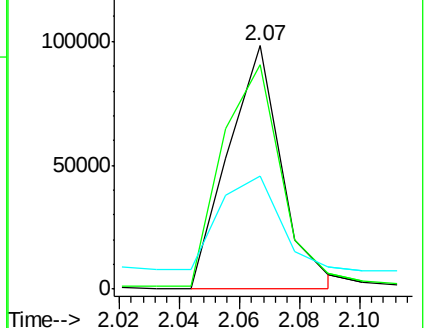
43 0.0 21.8 32.6#



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

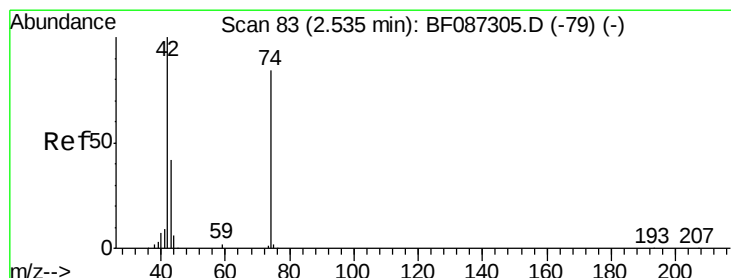
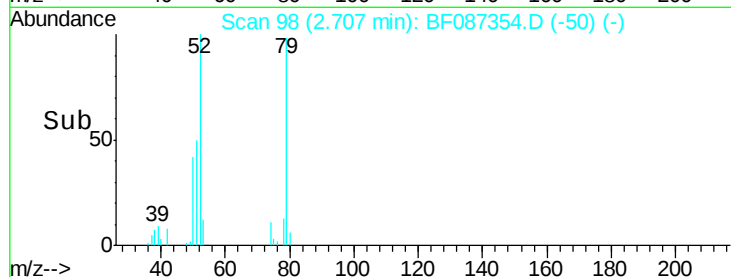
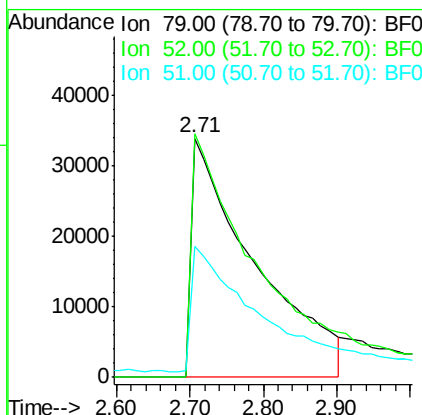
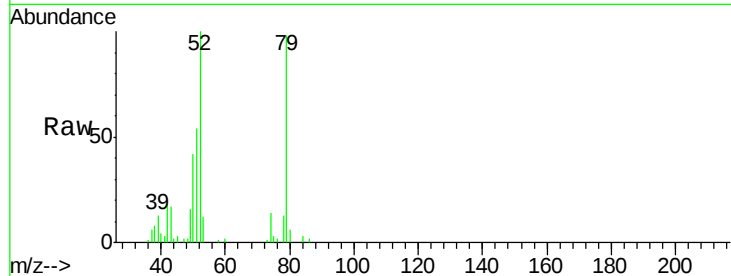




#3
 Pvrindine
 Concen: 26.14 ng/ml
 RT: 2.71 min Scan# 98
 Delta R.T. 0.25 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

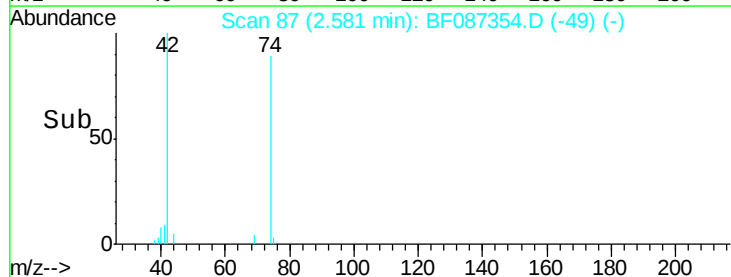
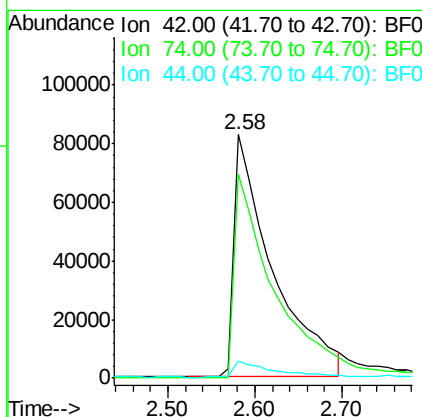
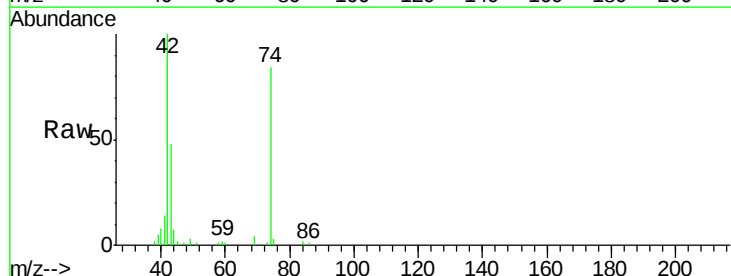
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot Ion: 79 Resp: 199210
 Ion Ratio Lower Upper
 79 100
 52 101.9 55.9 83.9#
 51 54.9 28.1 42.1#



#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

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

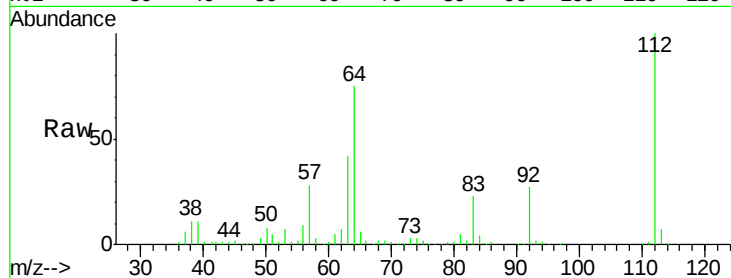
Tot Ion:112 Resp: 944514

Ion Ratio Lower Upper

112 100

64 74.5 52.1 78.1

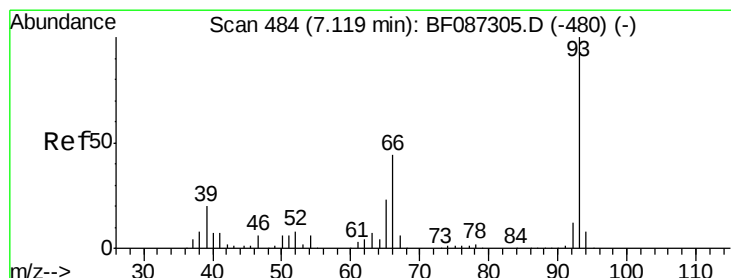
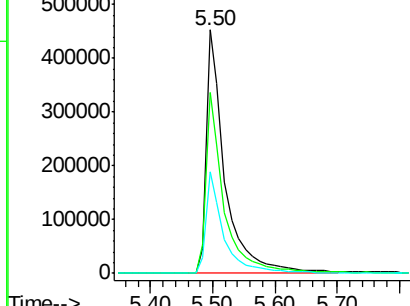
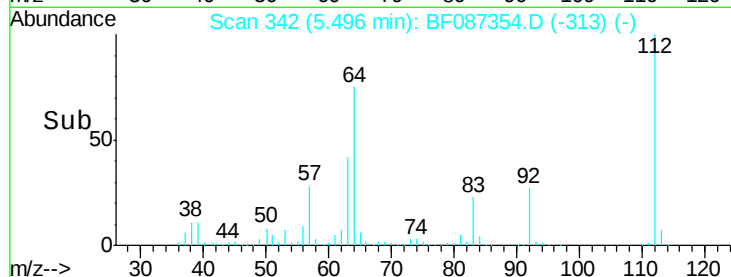
63 41.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#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

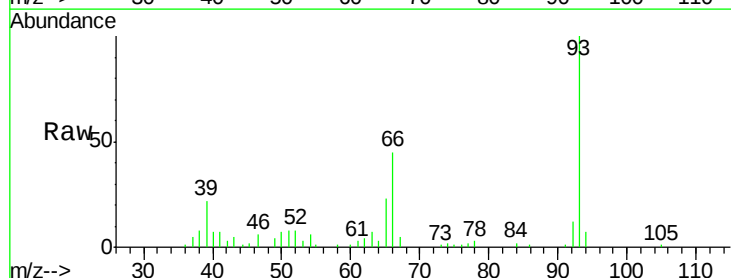
Tgt Ion: 93 Resp: 167125

Ion Ratio Lower Upper

93 100

66 44.6 39.0 58.6

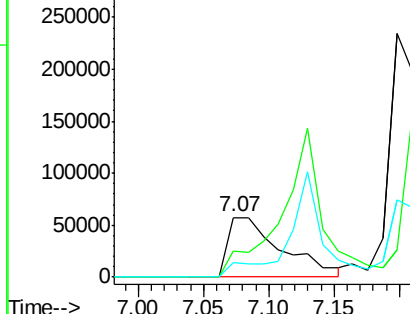
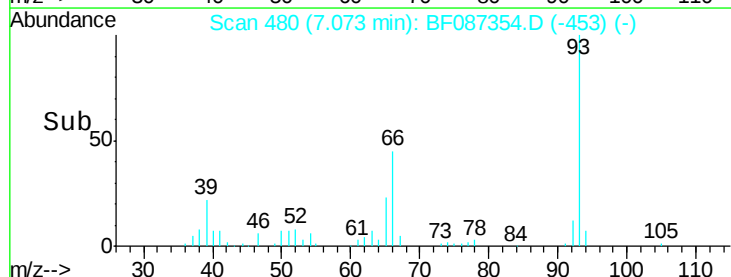
65 23.3 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

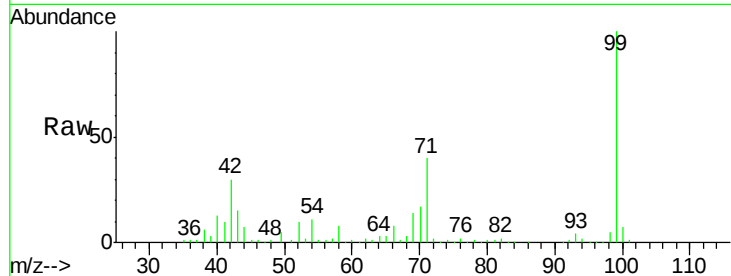
Tot Ion: 99 Resp: 1186999

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

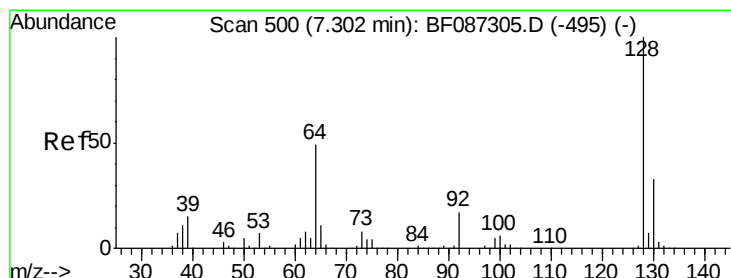
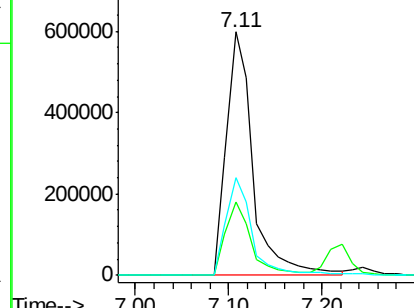
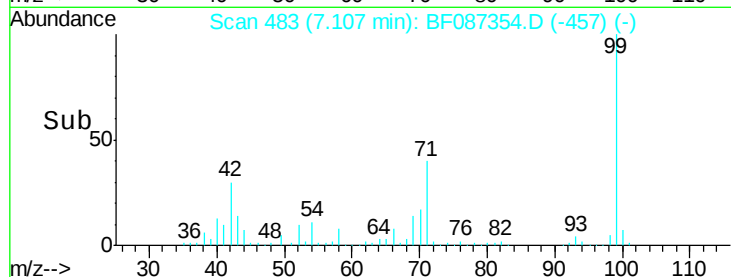
71 39.9 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.69 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF087354.D

Acq: 25 May 2016 00:16

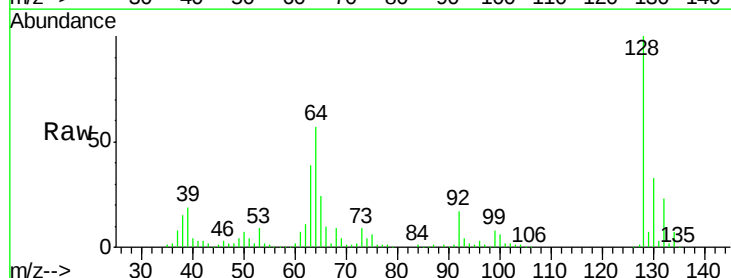
Tgt Ion: 128 Resp: 384688

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

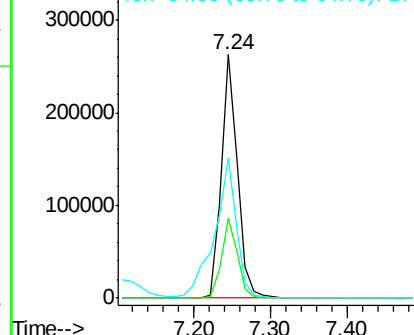
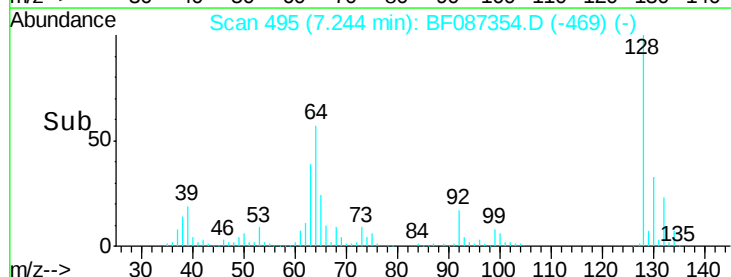
64 57.4 27.3 67.3

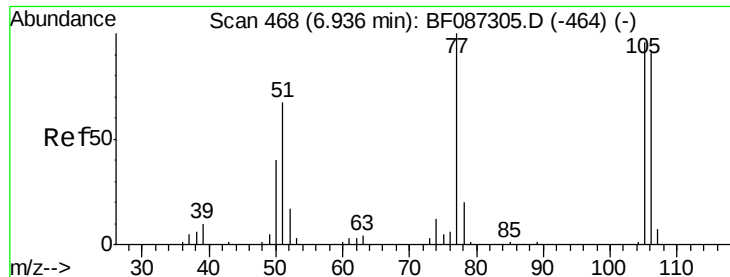


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#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

Instrument :

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CHS-STA-1711(0-4)MS

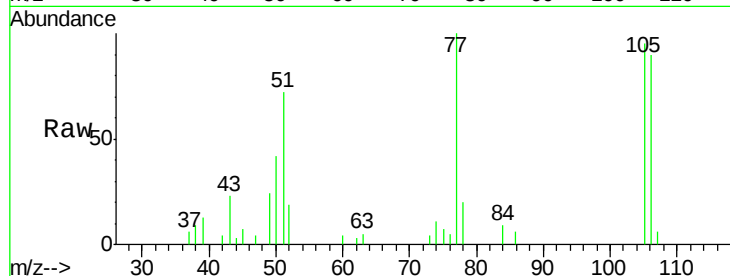
Tot Ion: 77 Resp: 31139

Ion Ratio Lower Upper

77 100

105 95.4 72.7 112.7

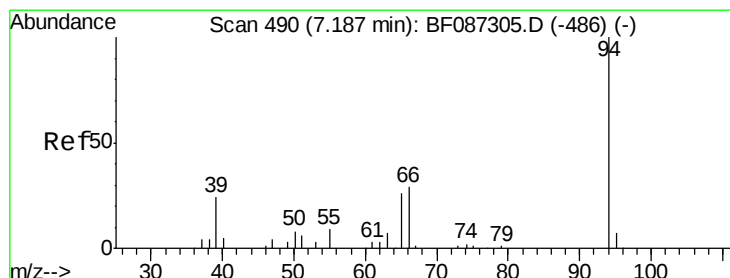
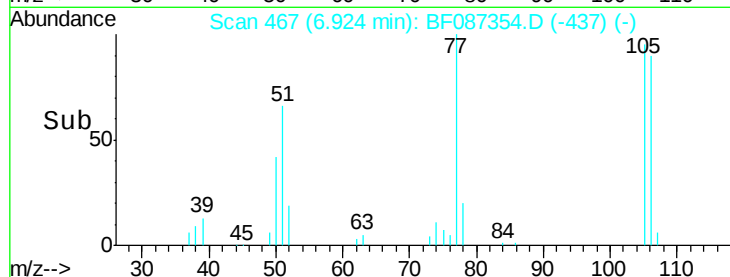
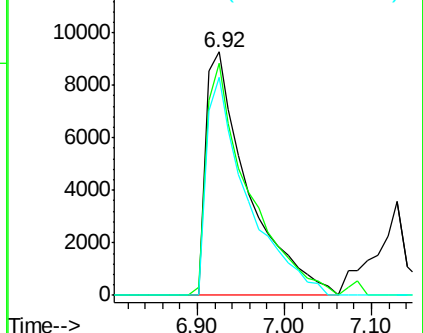
106 89.6 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#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

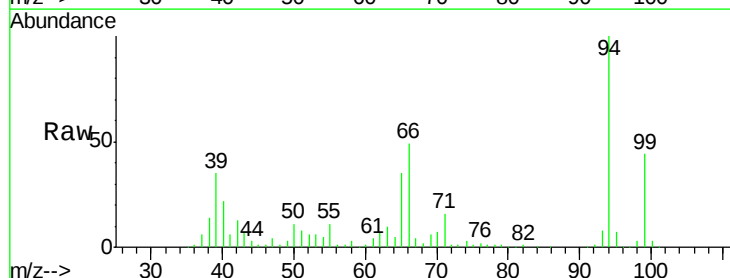
Tgt Ion: 94 Resp: 461313

Ion Ratio Lower Upper

94 100

65 34.9 7.2 47.2

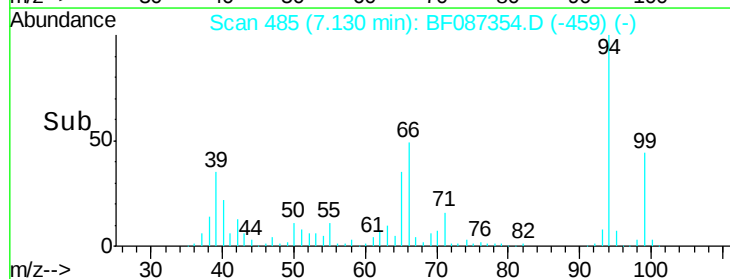
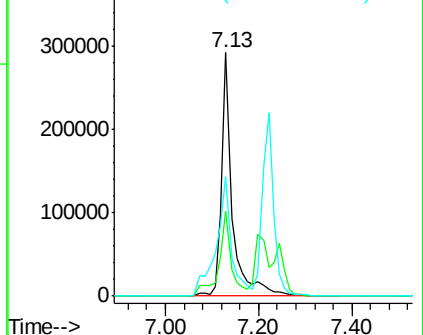
66 49.2 14.9 54.9

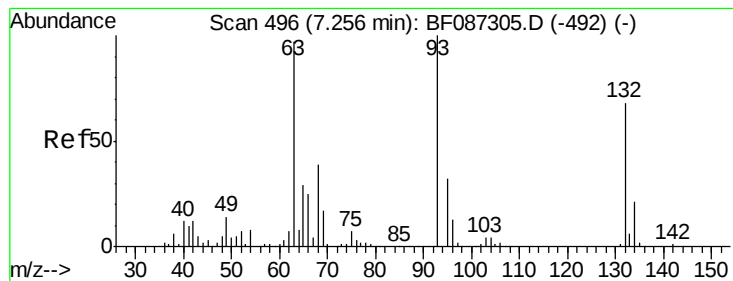


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

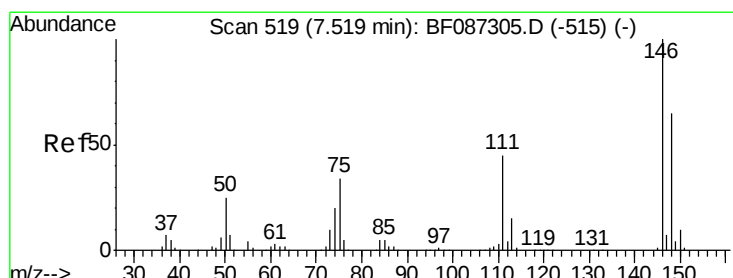
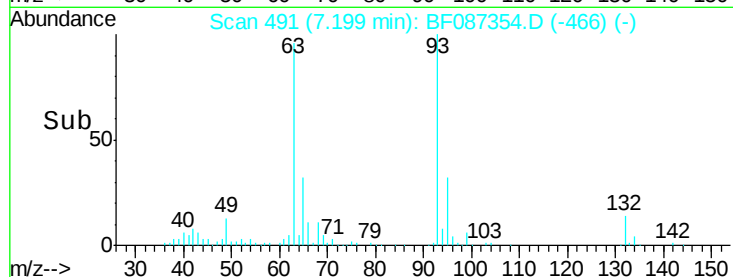
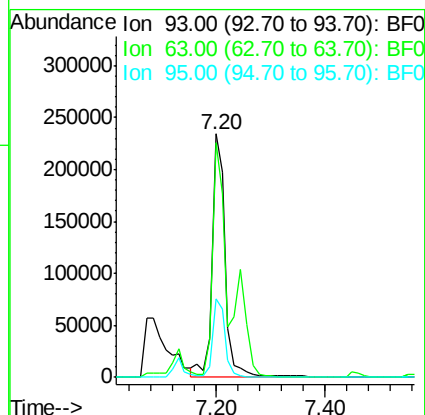
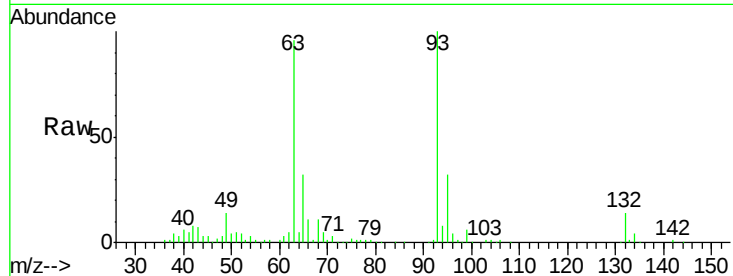




#11
bis(2-Chloroethyl)ether
Concen: 49.73 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

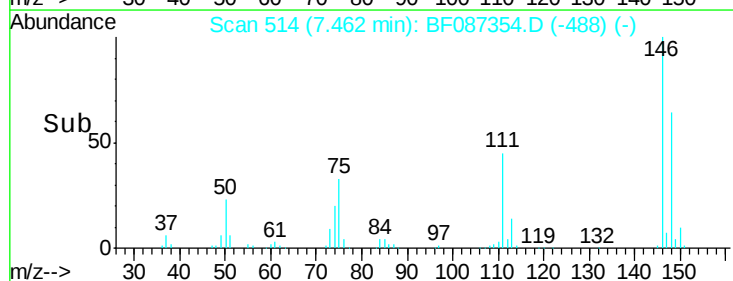
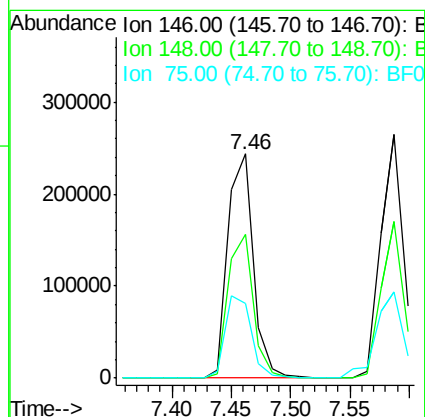
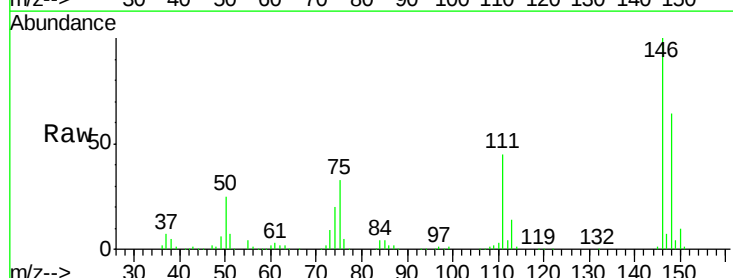
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

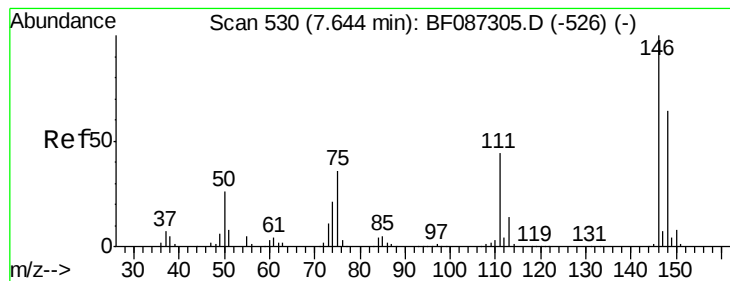
Tot Ion: 93 Resp: 392433
Ion Ratio Lower Upper
93 100
63 96.3 58.0 98.0
95 32.4 11.9 51.9



#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

Tgt Ion: 146 Resp: 361670
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
75 33.4 22.8 34.2





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

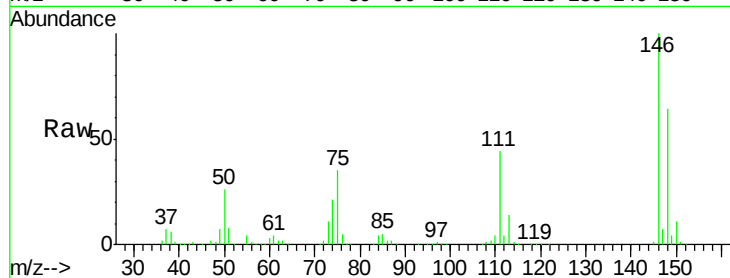
Tot Ion:146 Resp: 371440

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

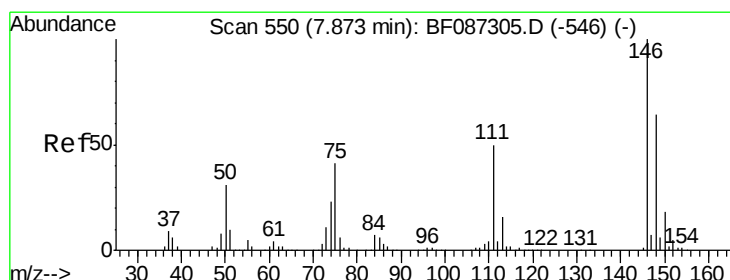
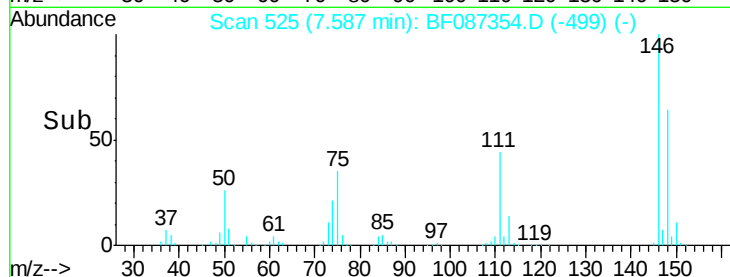
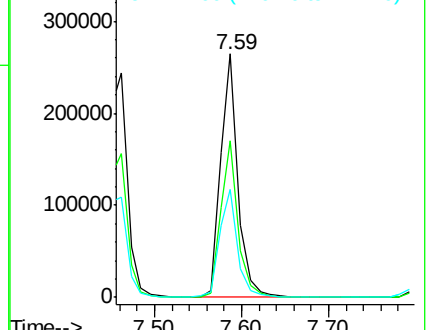
111 44.2 30.7 46.1



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

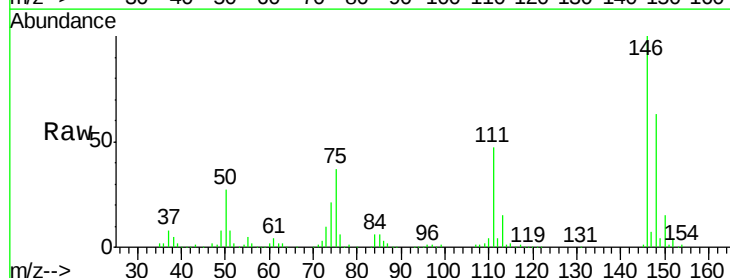
Tgt Ion:146 Resp: 357603

Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

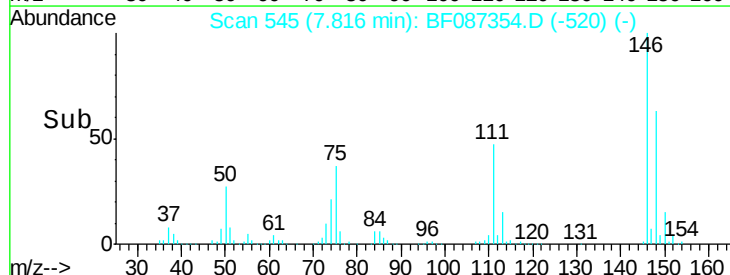
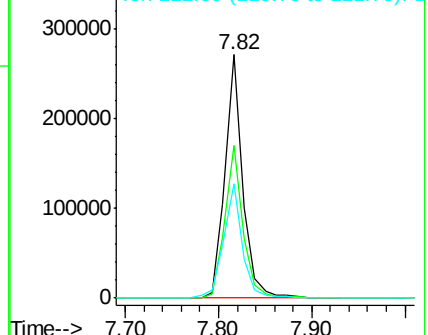
111 46.9 36.2 54.4

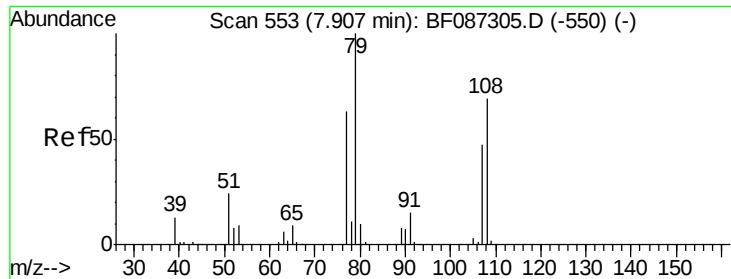


Abundance Ion 146.00 (145.70 to 146.70): E

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

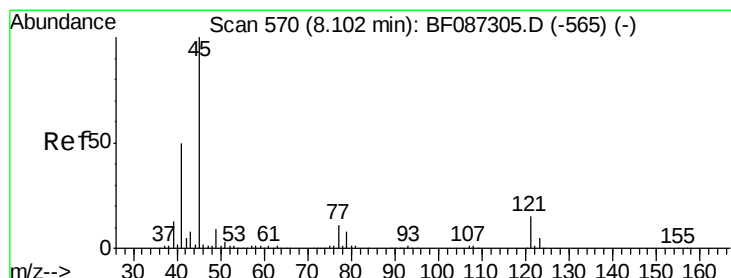
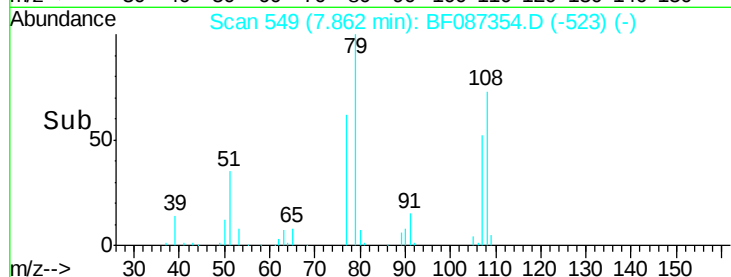
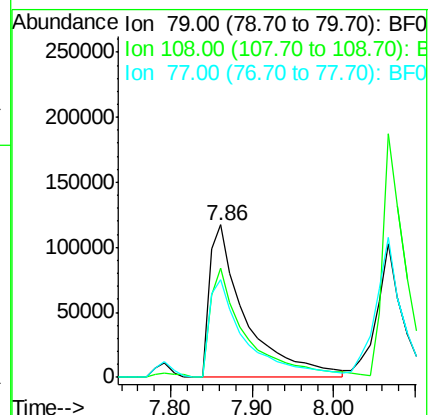
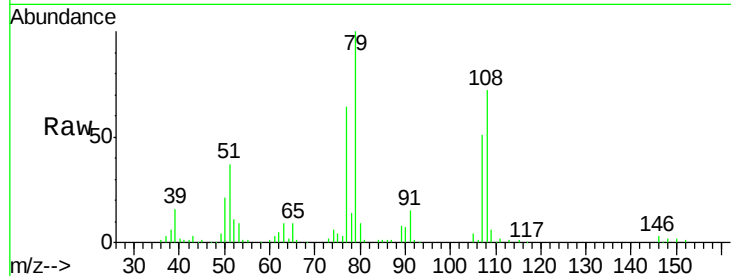
Tot Ion: 79 Resp: 363392

Ion Ratio Lower Upper

79 100

108 71.6 68.4 102.6

77 64.3 50.6 76.0



#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

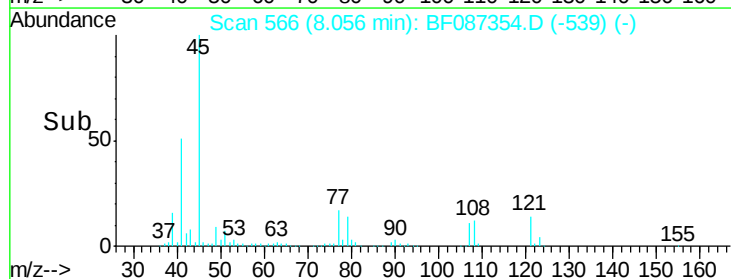
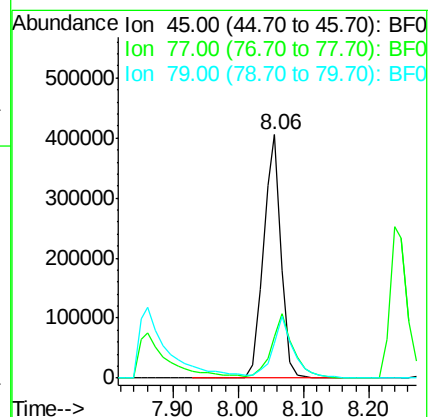
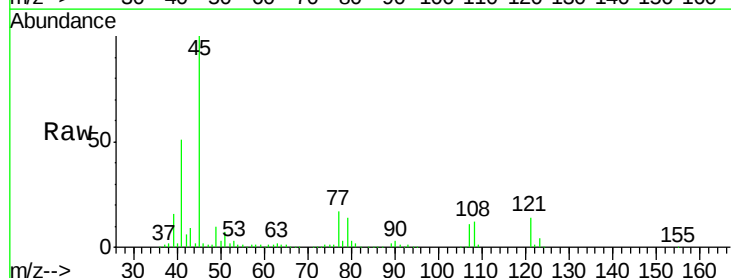
Tgt Ion: 45 Resp: 758810

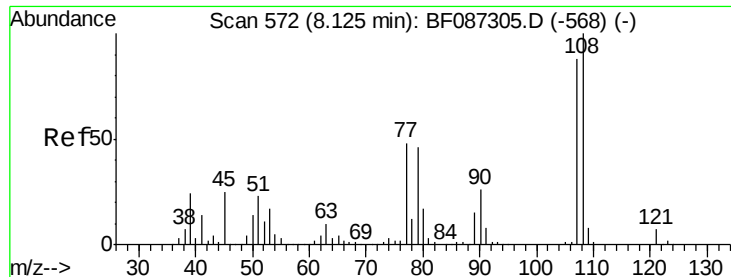
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.4

79 14.4 0.0 33.4

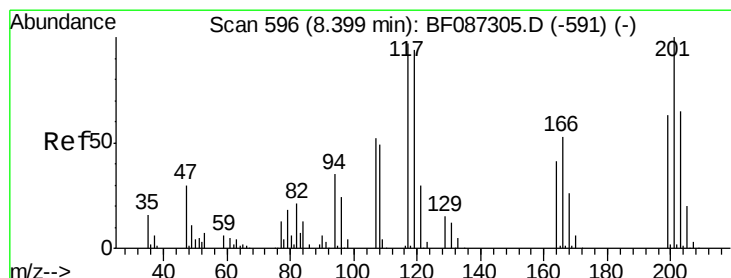
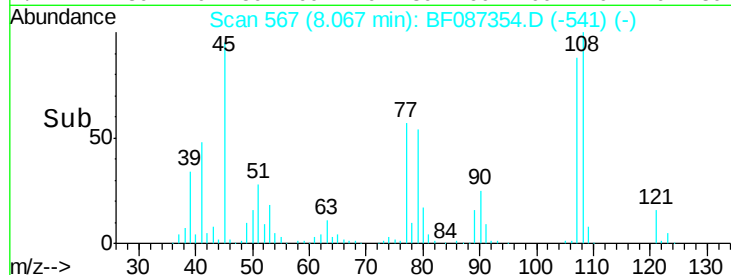
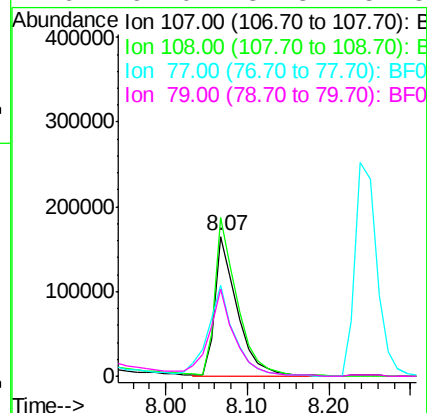
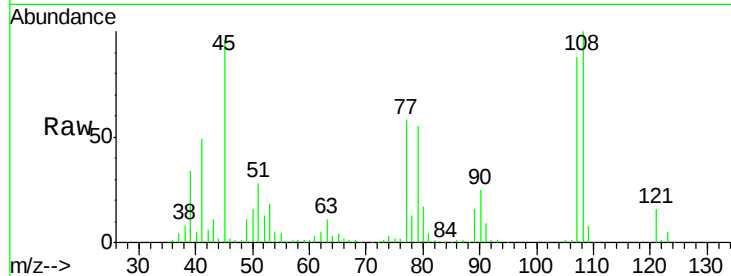




#17
2-Methylphenol
Concen: 47.72 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

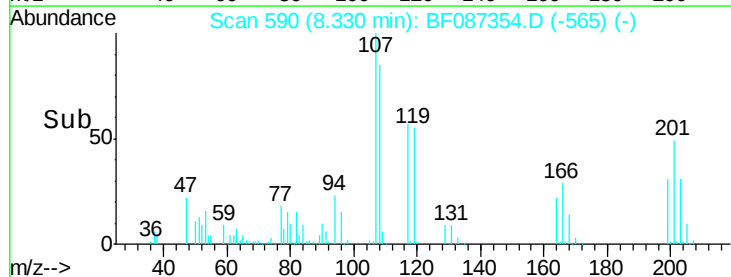
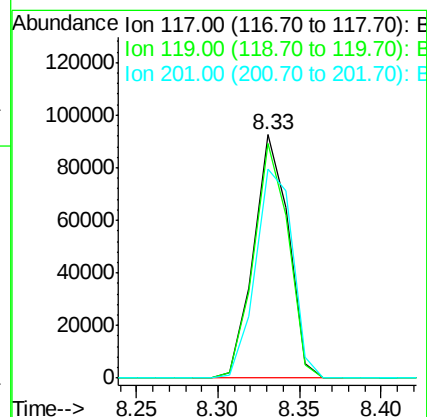
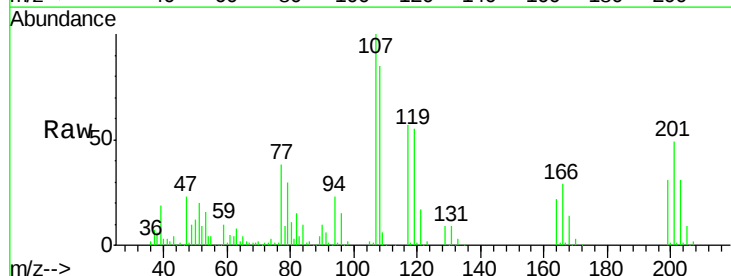
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot 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

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

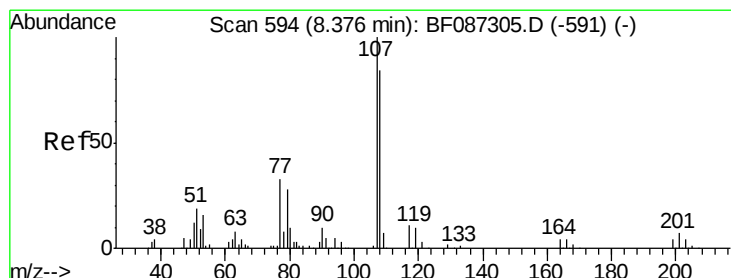
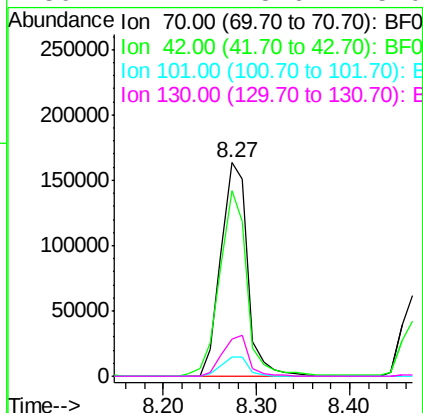
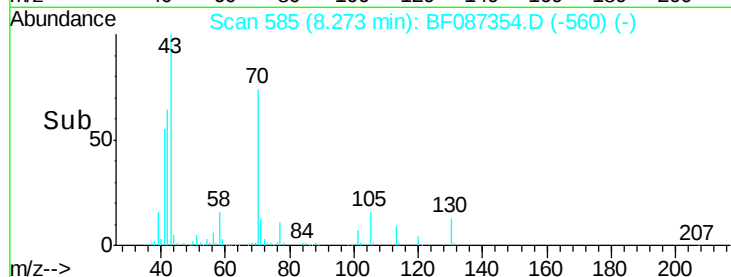
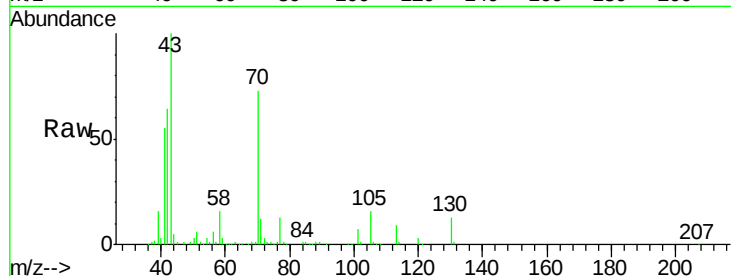




#19
n-Nitroso-di-n-propylamine
Concen: 48.85 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

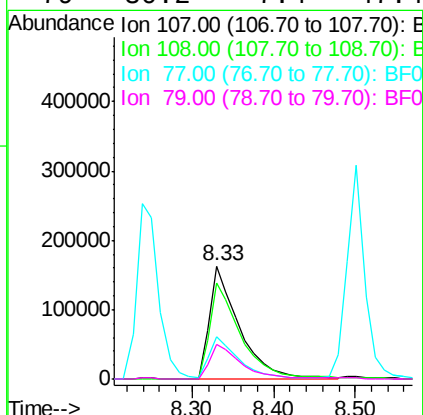
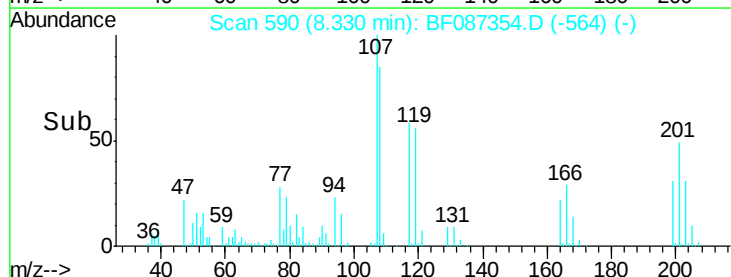
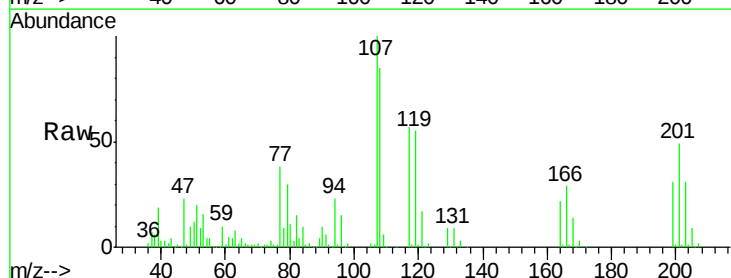
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	70	100		
42	42	87.1	43.1	64.7#
101	101	8.9	8.1	12.1
130	130	17.4	18.6	28.0#



#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

Tgt Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	108	85.2	68.5	108.5
77	77	37.5	101.6	141.6#
79	79	30.2	7.4	47.4





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

Tot Ion:136 Resp: 465745

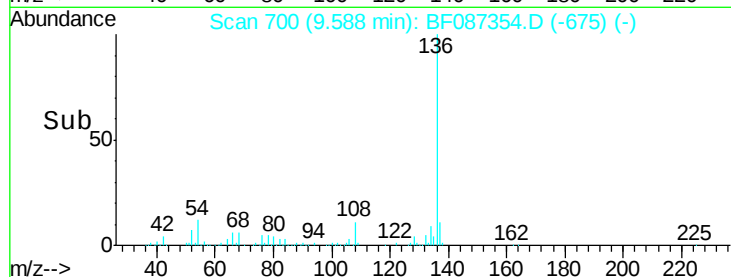
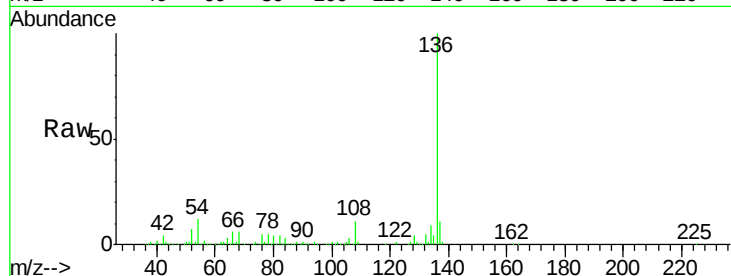
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.8 5.0 7.4#

68 5.7 4.4 6.6

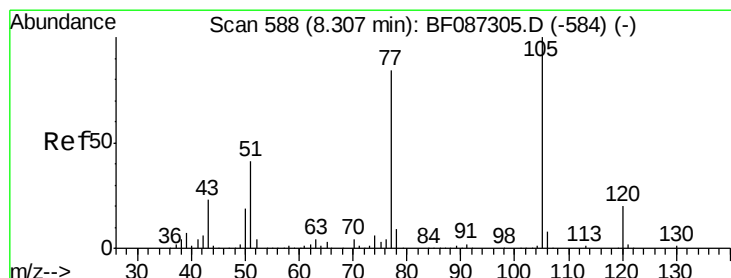
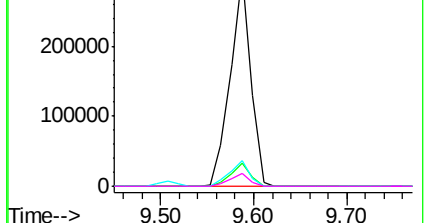


Abundance Ion 136.00 (135.70 to 136.70): E

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

Tgt Ion:105 Resp: 571811

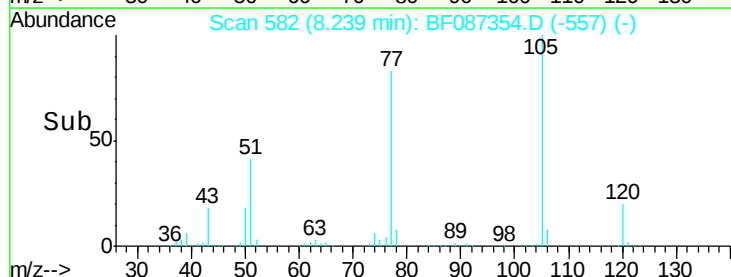
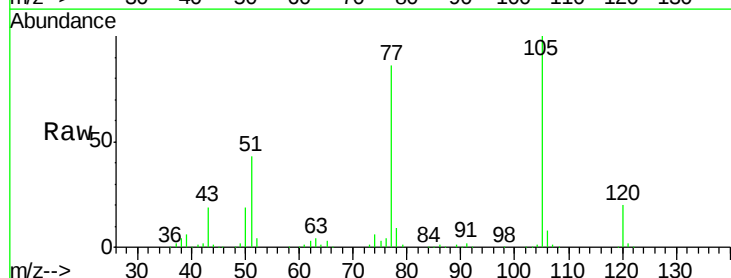
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 42.7 32.6 49.0

120 20.2 16.5 24.7

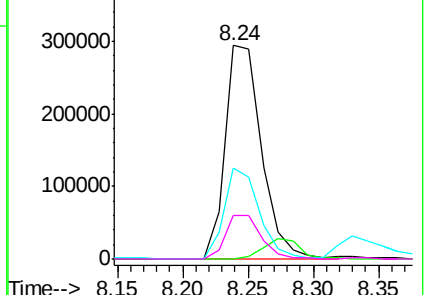


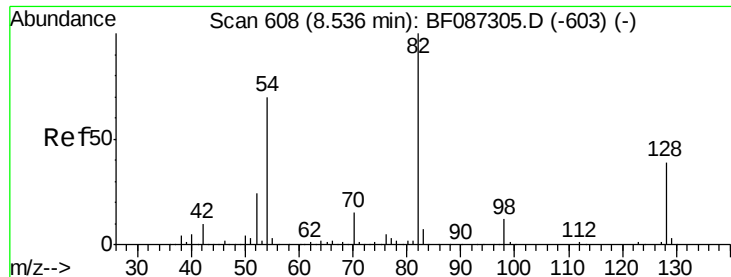
Abundance Ion 105.00 (104.70 to 105.70): E

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

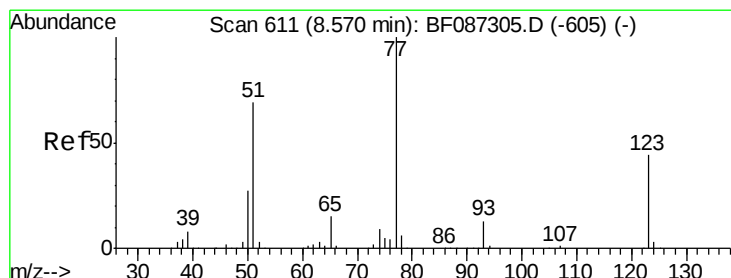
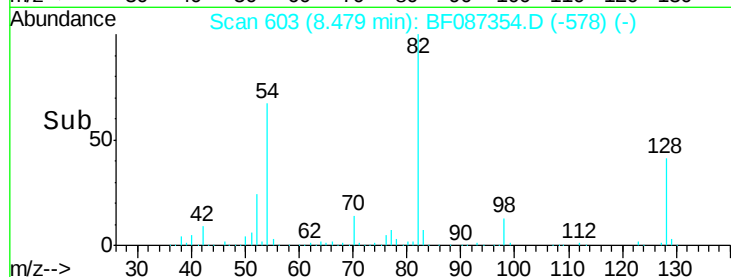
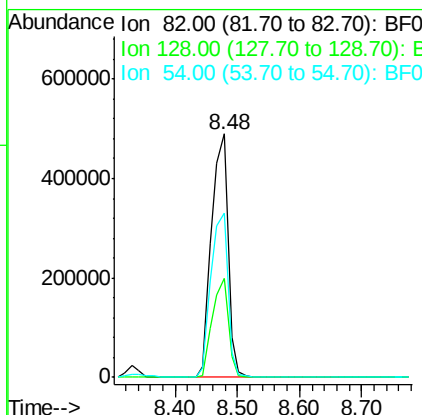
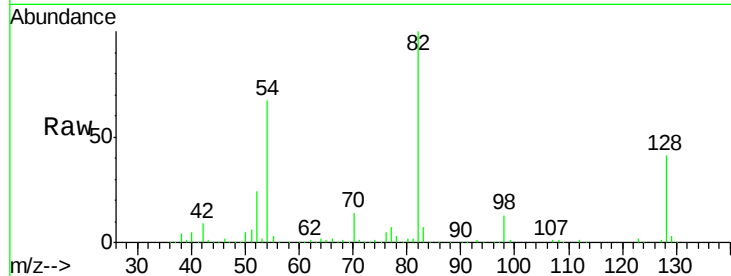




#23
 Nitrobenzene-d5
 Concen: 97.77 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

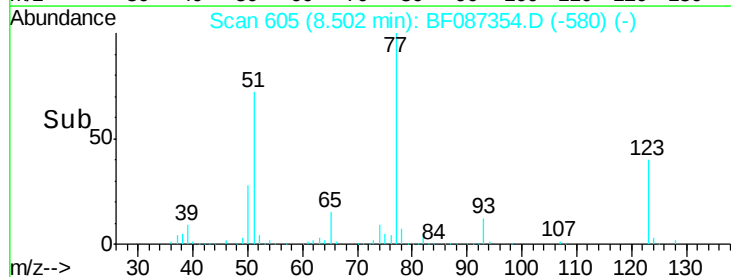
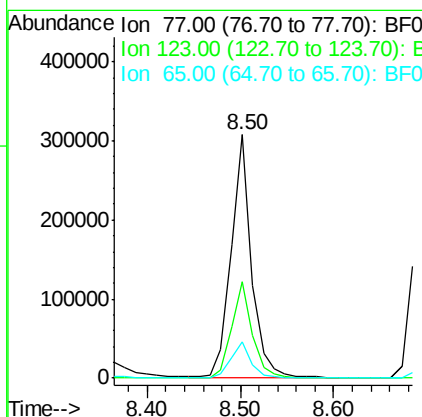
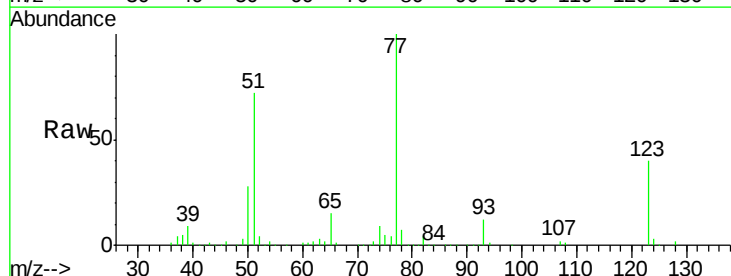
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

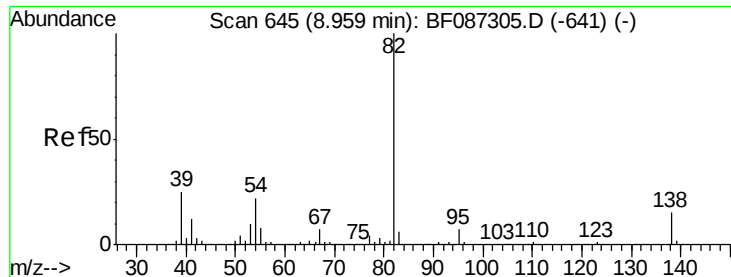
Tot Ion: 82 Resp: 903536
 Ion Ratio Lower Upper
 82 100
 128 40.8 40.6 61.0
 54 67.4 38.1 57.1#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

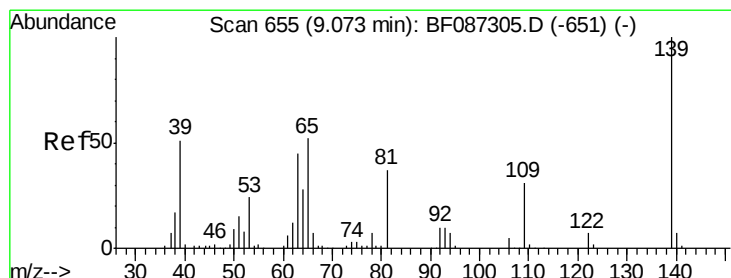
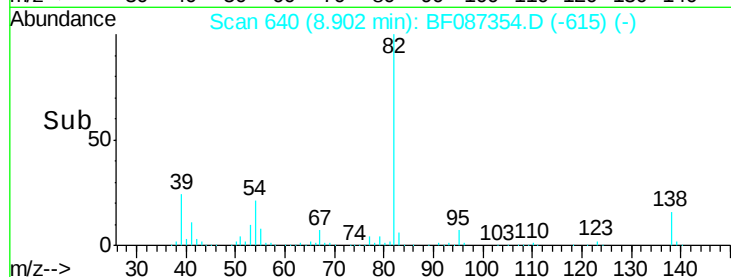
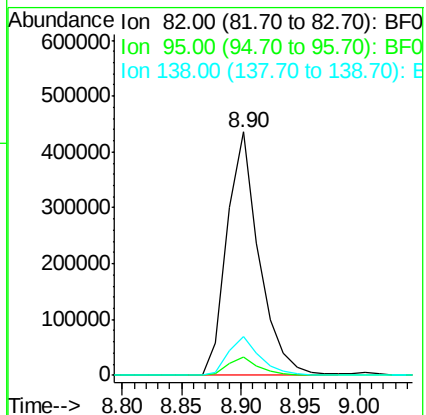
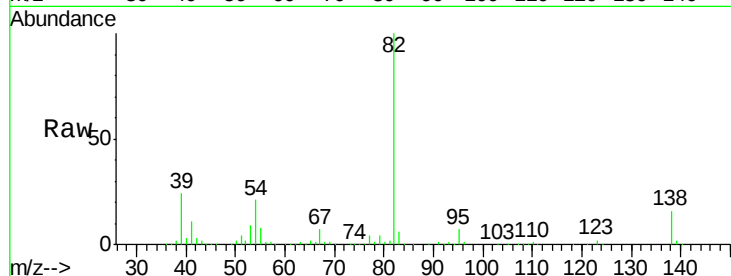
Tot Ion: 82 Resp: 820620

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 15.9 12.4 18.6



#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

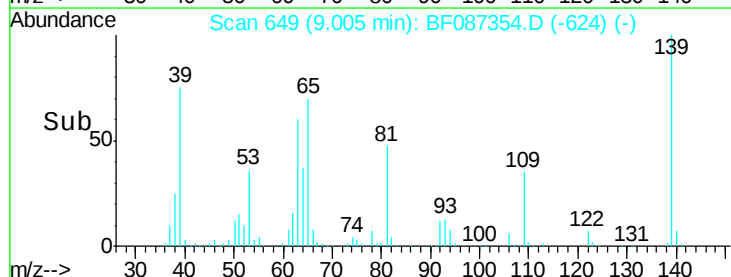
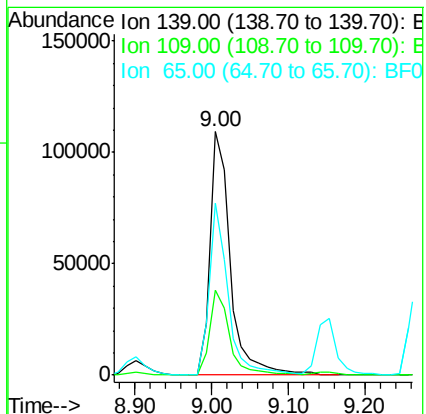
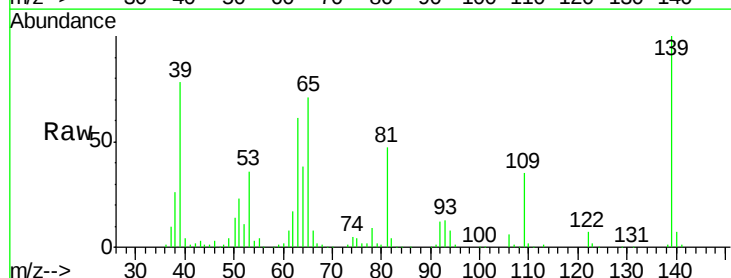
Tgt Ion: 139 Resp: 200027

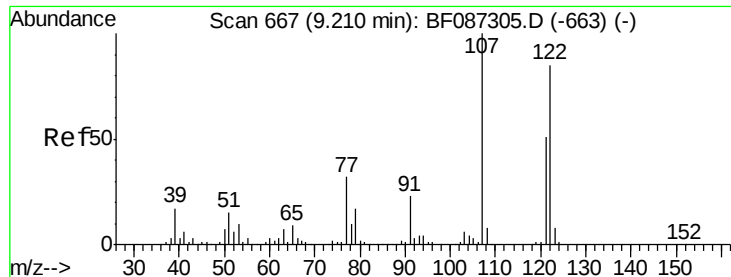
Ion Ratio Lower Upper

139 100

109 34.6 19.5 29.3#

65 70.6 37.5 56.3#





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

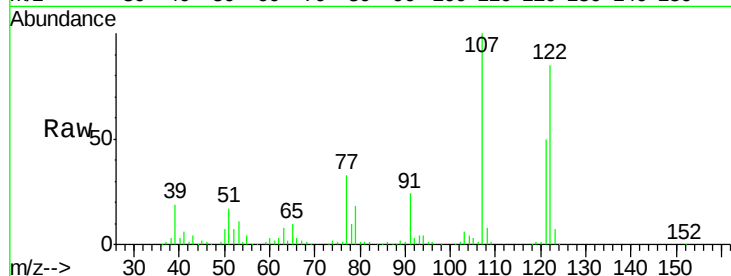
Tot Ion:122 Resp: 350941

Ion Ratio Lower Upper

122 100

107 117.4 82.0 123.0

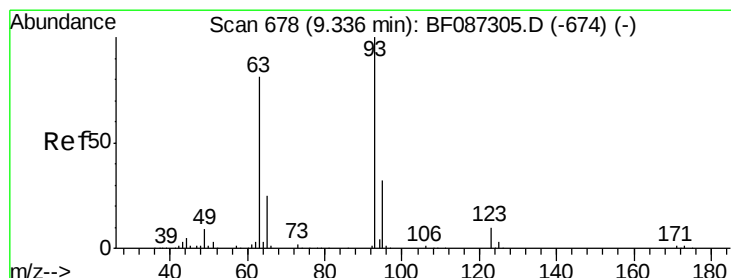
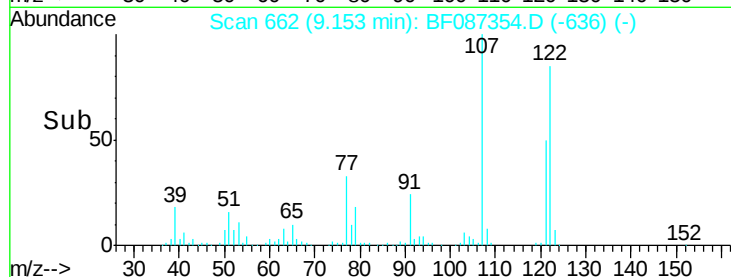
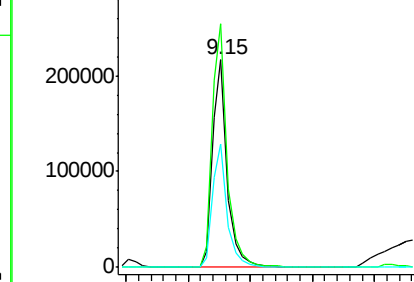
121 59.2 46.1 69.1



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

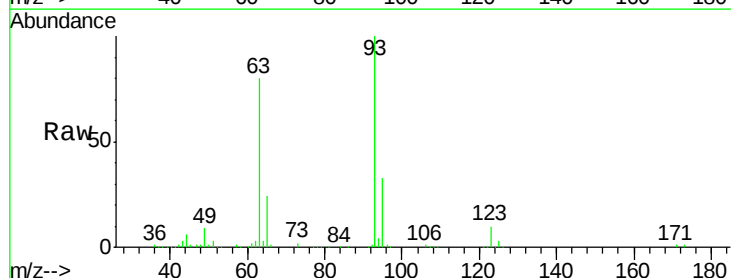
Tgt Ion: 93 Resp: 488400

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

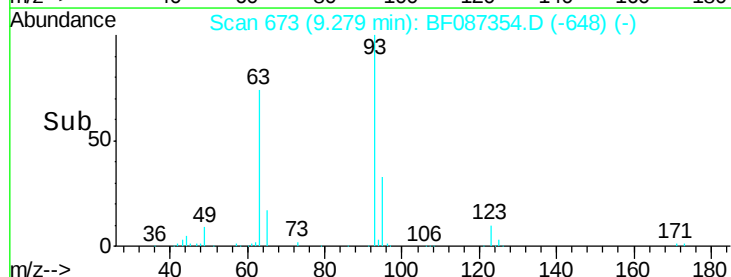
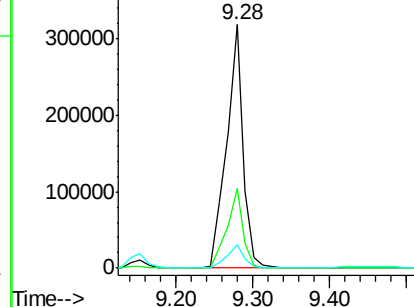
123 9.9 9.5 14.3

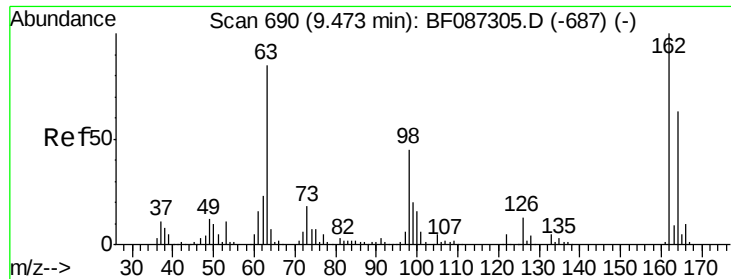


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

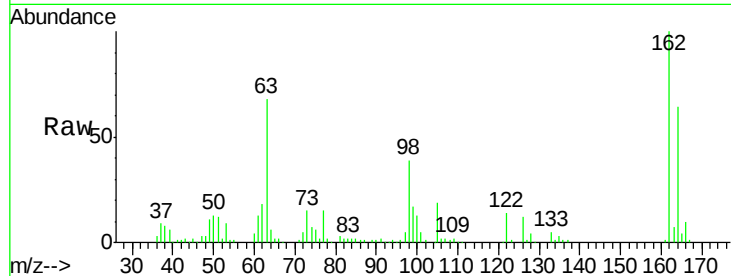




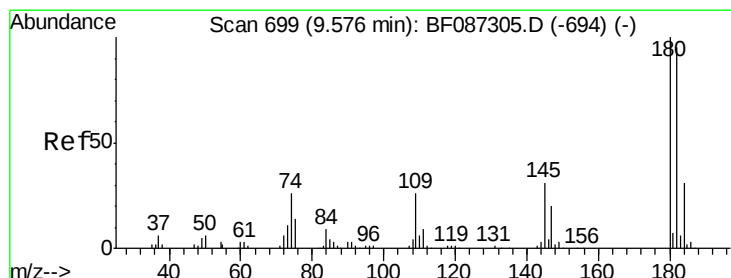
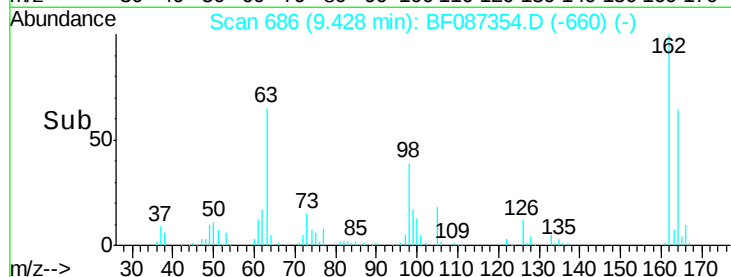
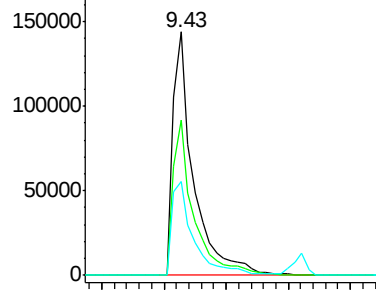
#29
 2,4-Dichlorophenol
 Concen: 53.10 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.2	82.2
98	38.8	19.0	59.0

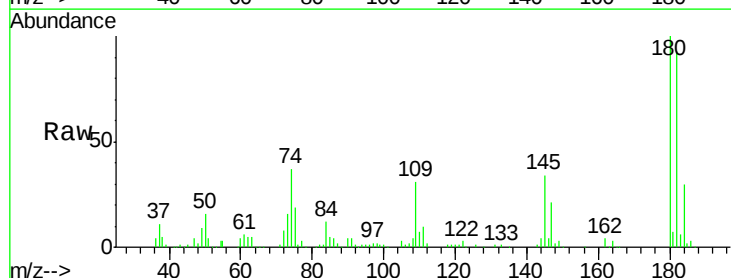


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

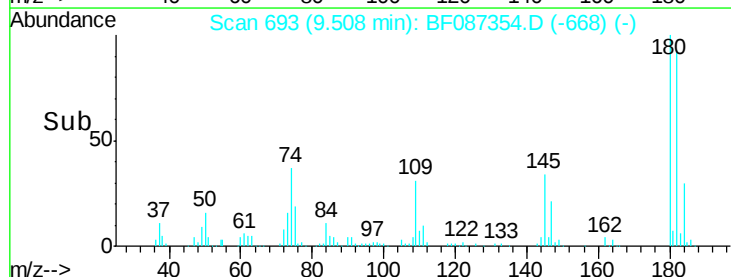
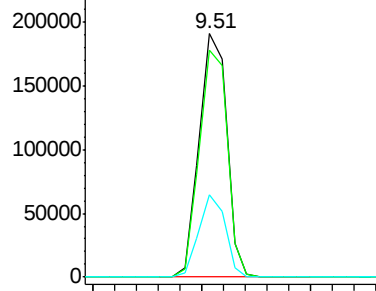


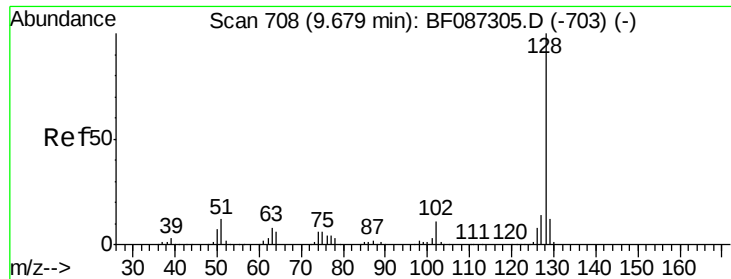
#30
 1,2,4-Trichlorobenzene
 Concen: 46.85 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

Tgt 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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

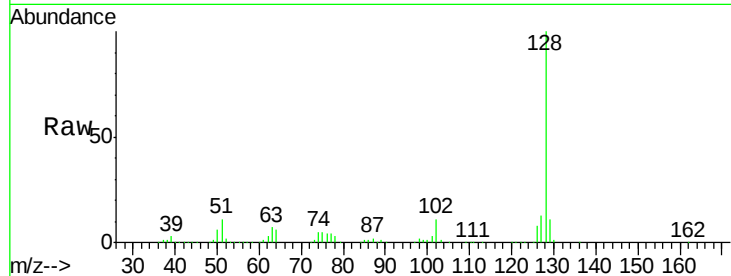
Tot Ion:128 Resp: 1146704

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

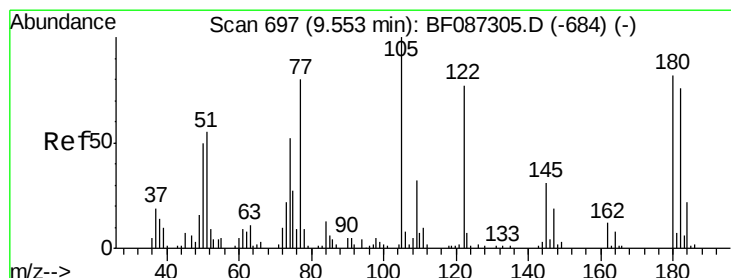
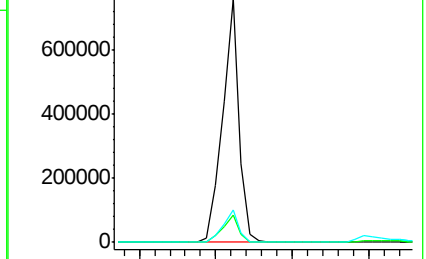
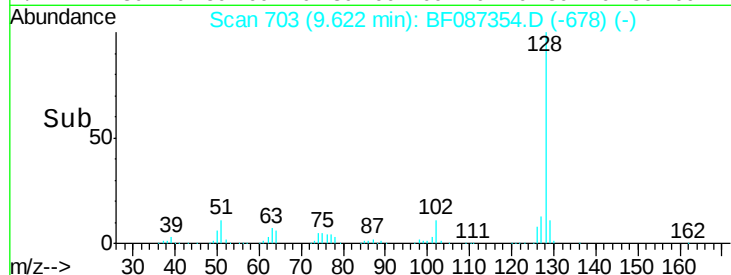
127 13.5 10.8 16.2



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

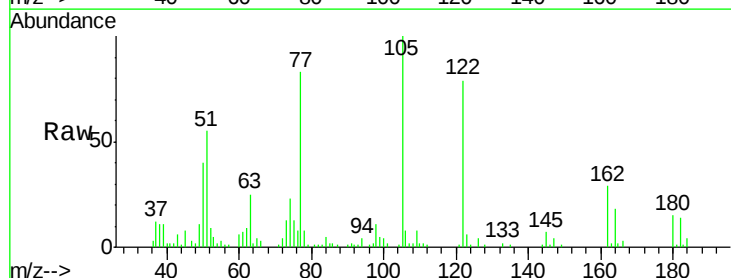
Tgt Ion:122 Resp: 171090

Ion Ratio Lower Upper

122 100

105 126.4 92.6 132.6

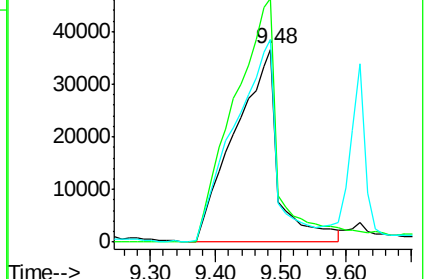
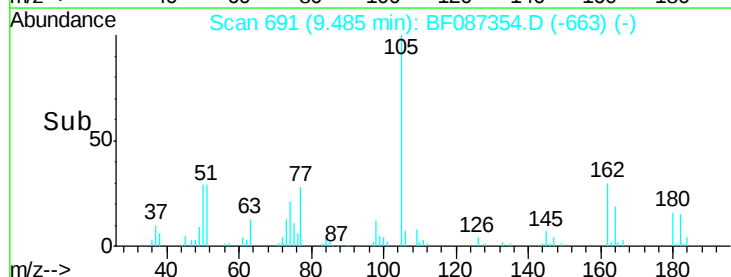
77 105.5 60.0 100.0#

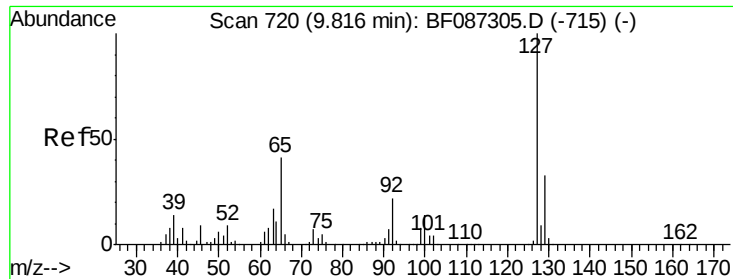


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

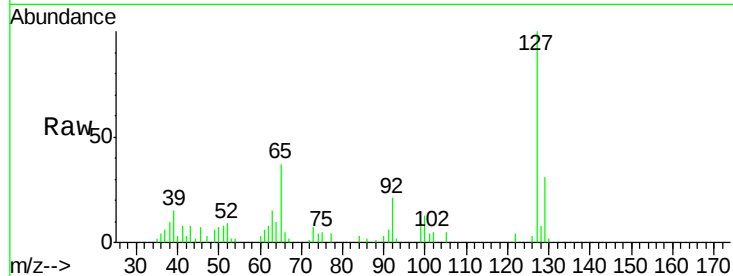




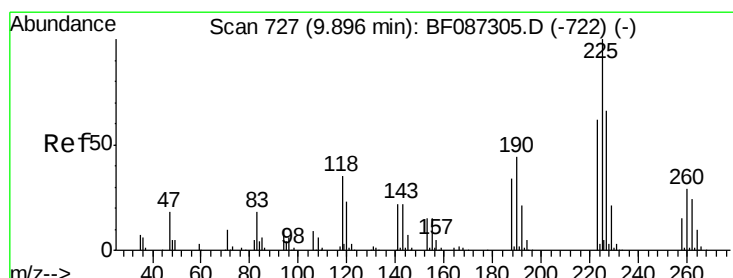
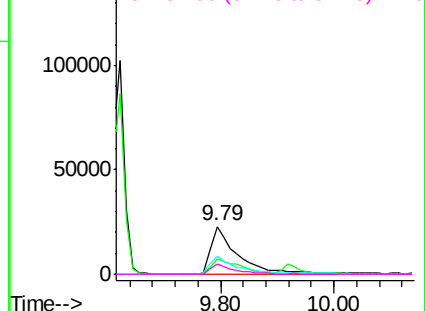
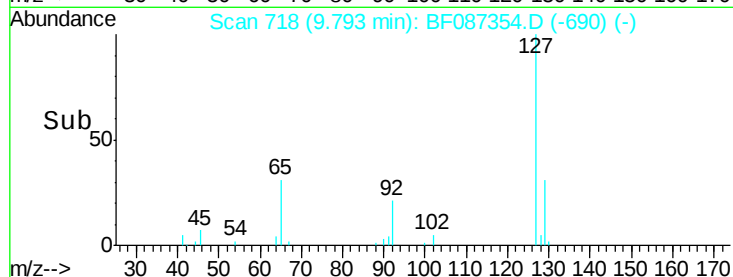
#33
4-Chloroaniline
Concen: 8.76 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

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

Tot 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

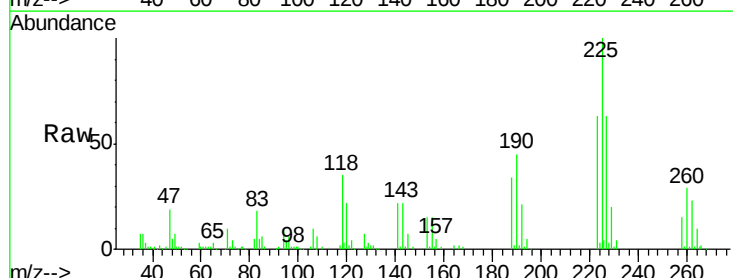


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

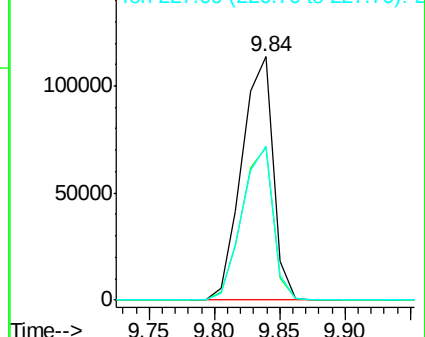
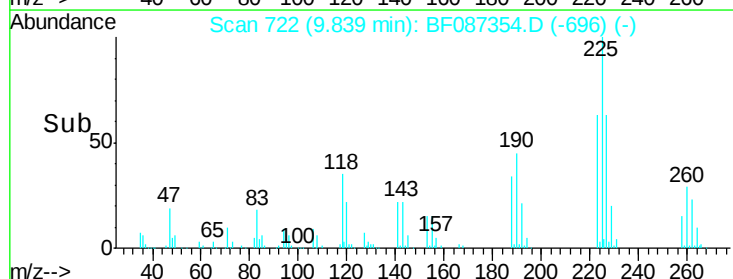


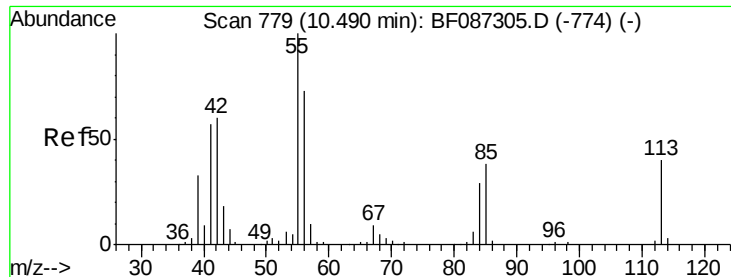
#34
Hexachlorobutadiene
Concen: 43.81 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

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

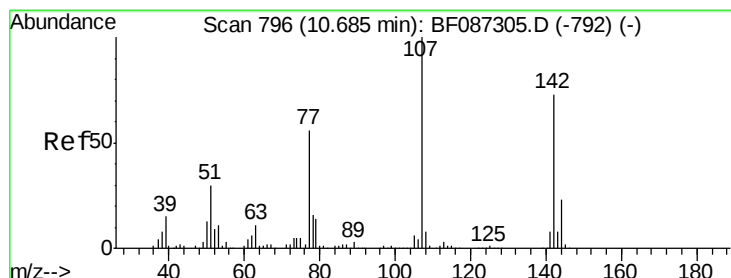
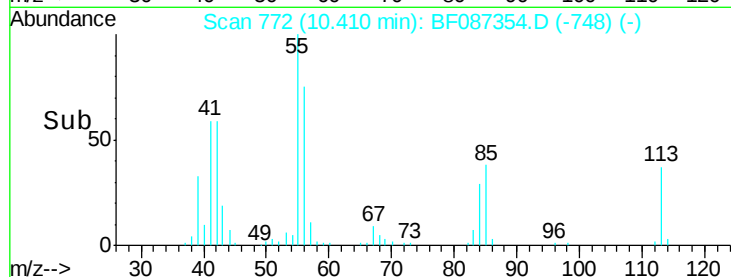
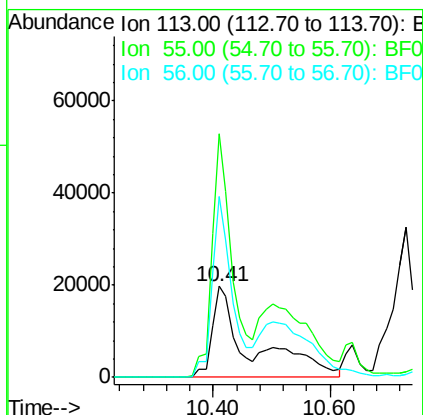
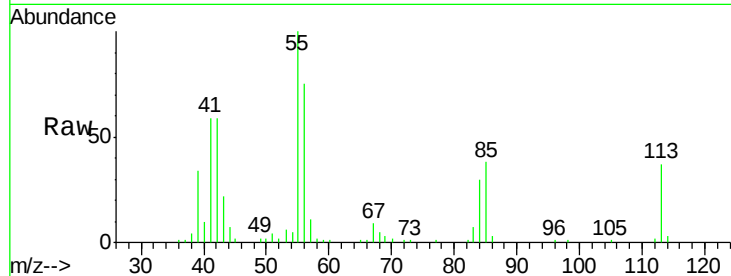




#35
 Caprolactam
 Concen: 49.45 ng/ml
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

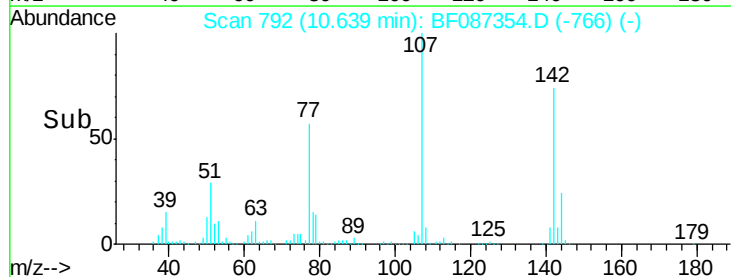
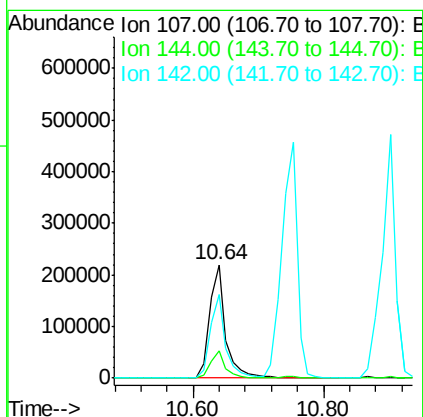
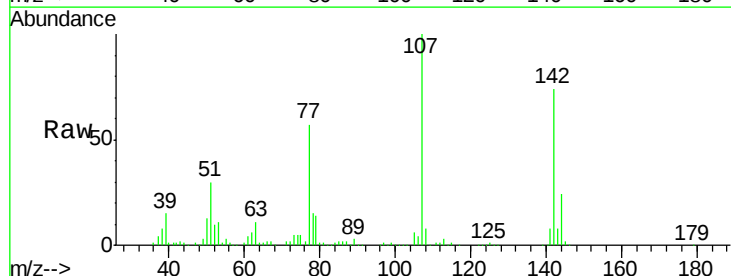
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

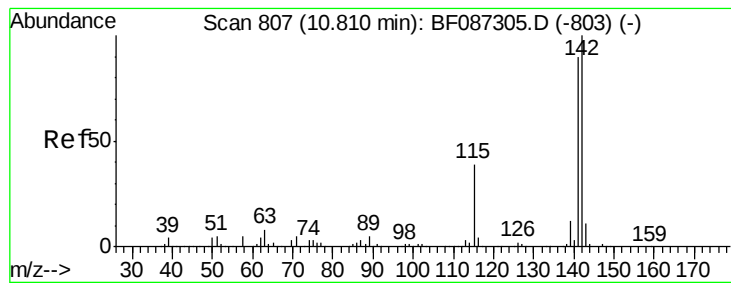
Tot Ion:113 Resp: 90025
 Ion Ratio Lower Upper
 113 100
 55 267.3 162.0 202.0#
 56 199.2 115.3 155.3#



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

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

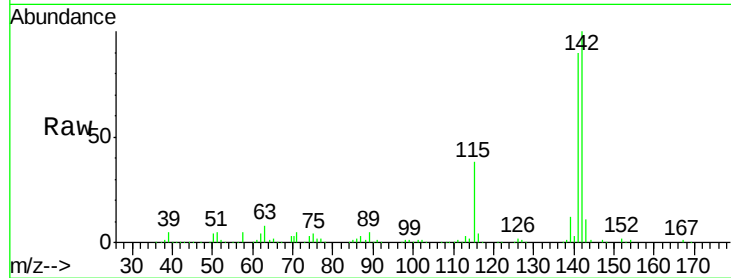
Tot Ion:142 Resp: 743190

Ion Ratio Lower Upper

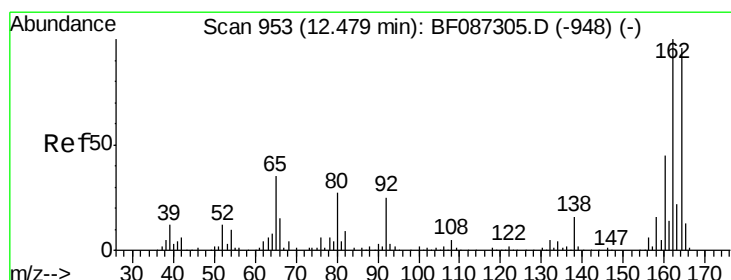
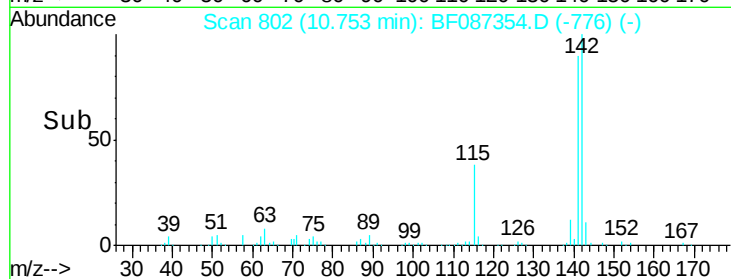
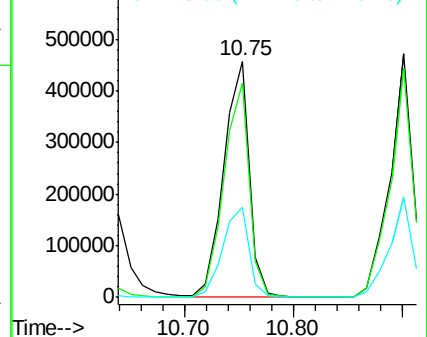
142 100

141 90.5 71.0 106.6

115 38.2 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#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

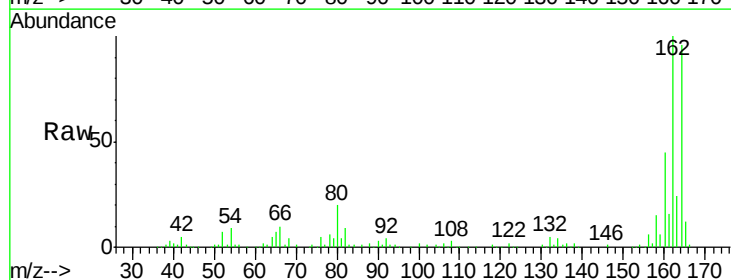
Tgt Ion:164 Resp: 223919

Ion Ratio Lower Upper

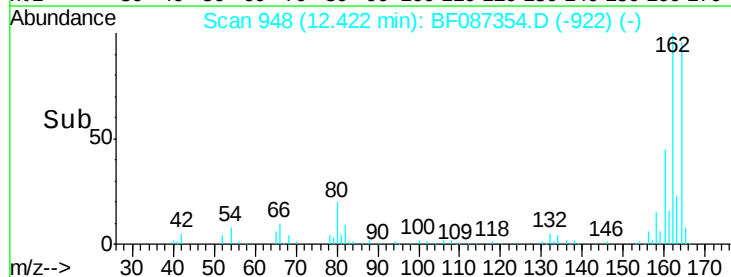
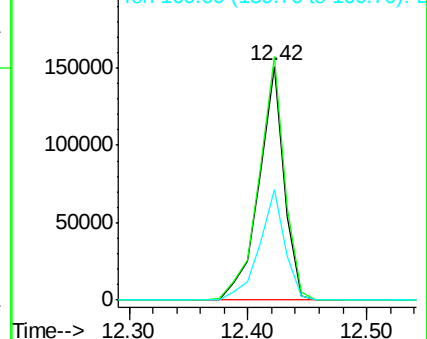
164 100

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

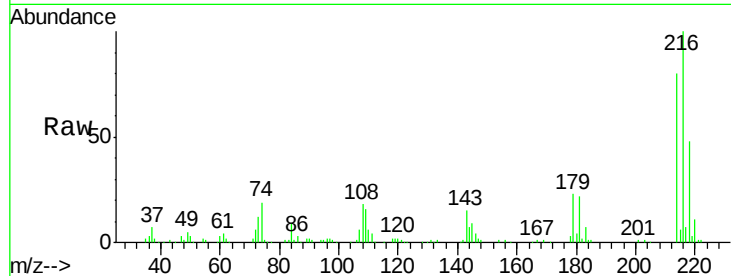




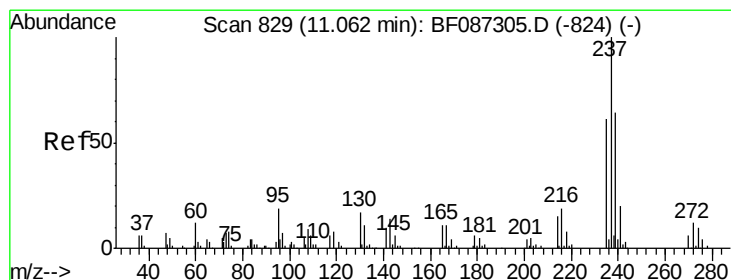
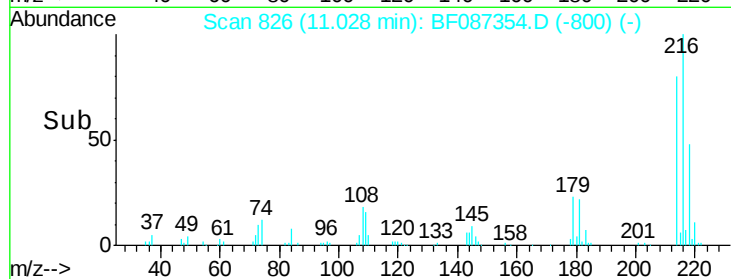
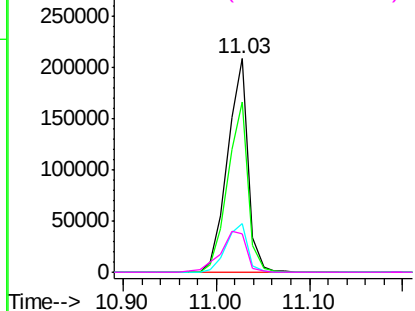
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.72 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

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

Tot 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

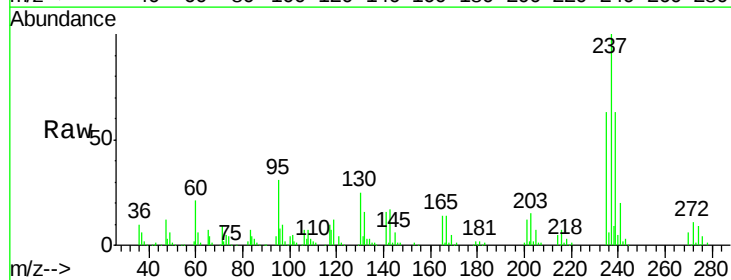


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

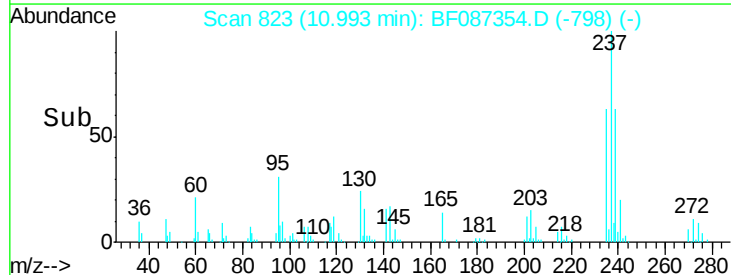
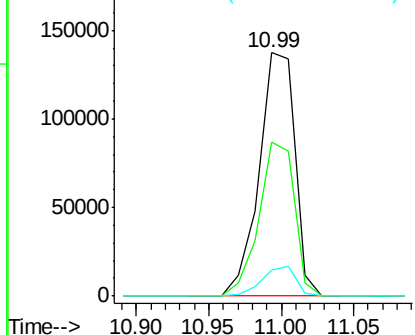


#40
 Hexachlorocyclopentadiene
 Concen: 79.86 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

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

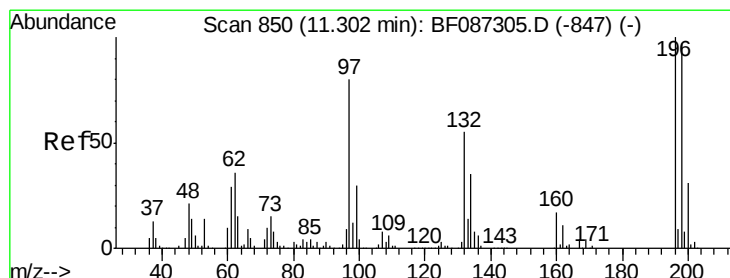
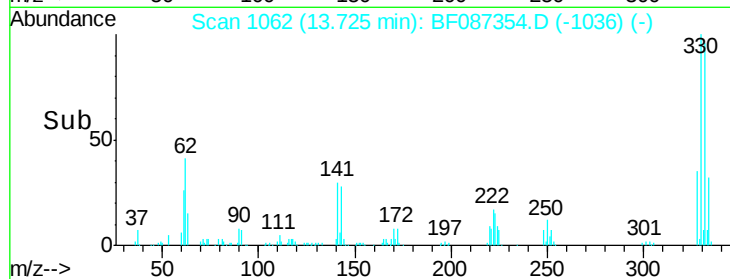
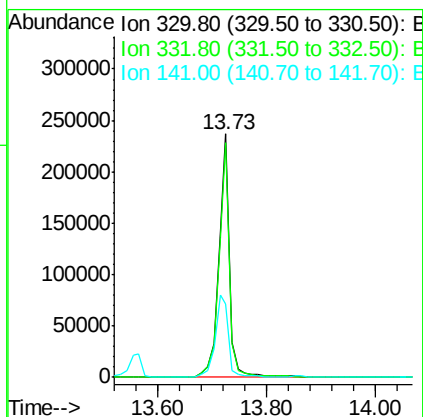
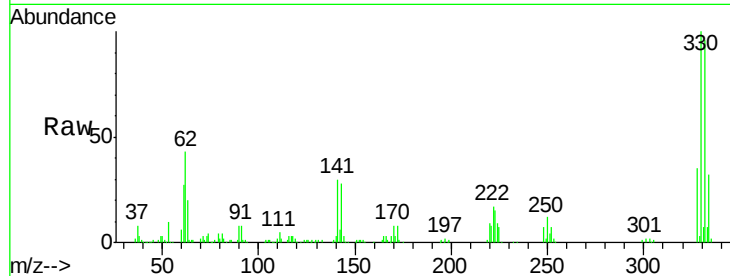




#41
 2,4,6-Tribromophenol
 Concen: 157.10 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

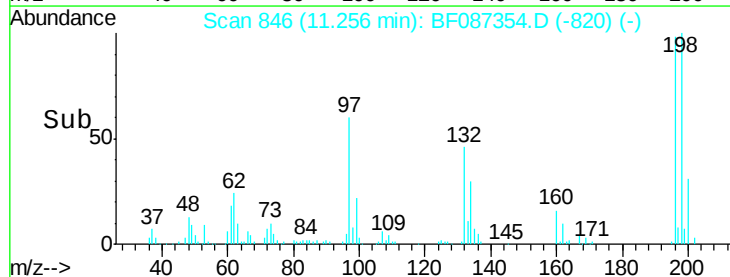
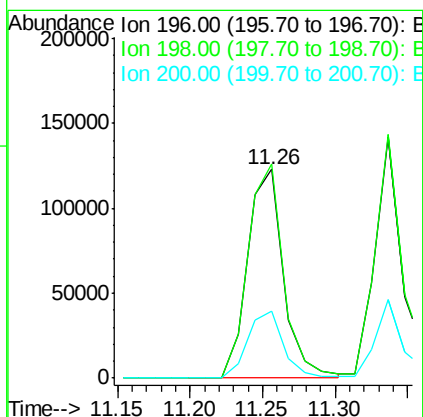
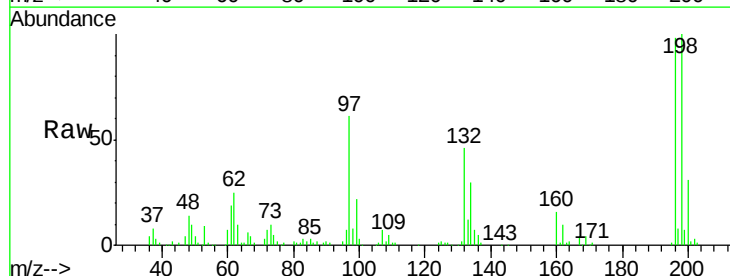
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

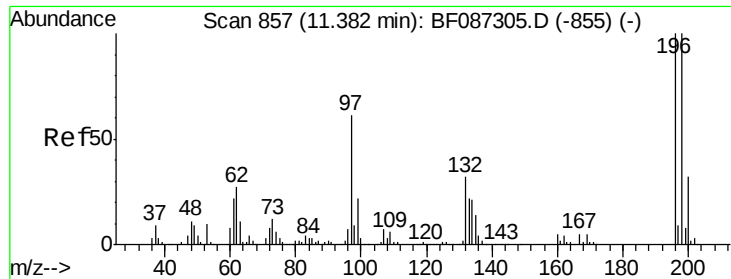
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	41.7	31.2	46.8



#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

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

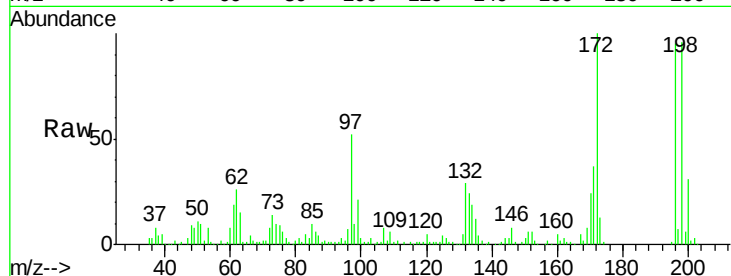




#43
 2,4,5-Trichlorophenol
 Concen: 50.27 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

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

Tot Ion	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	



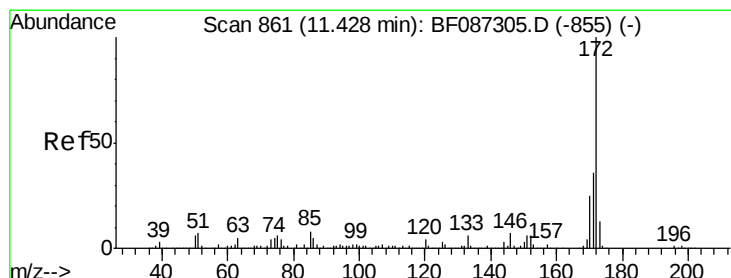
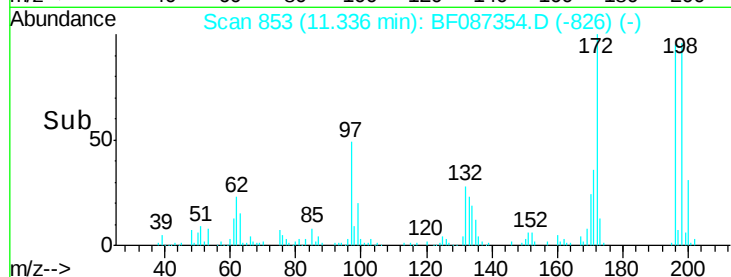
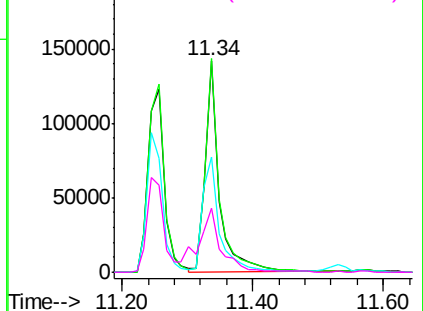
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

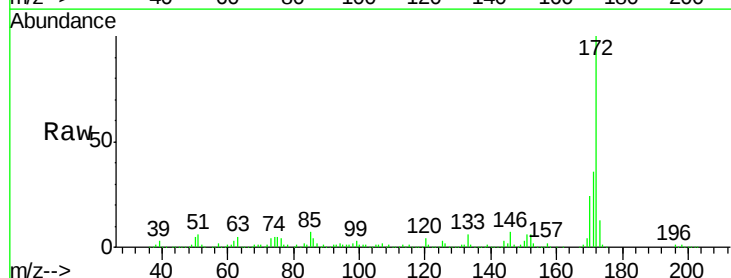
Ion 97.00 (96.70 to 97.70): BF0

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

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	29.0	43.6	
170	24.0	19.8	29.8	

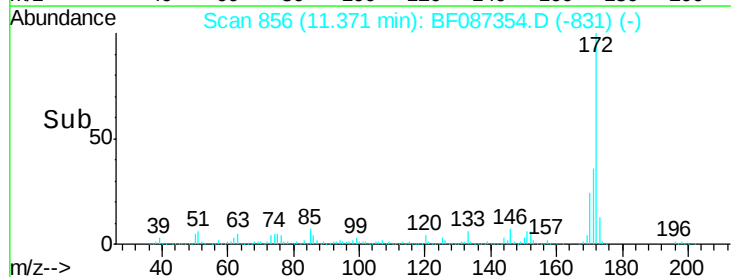
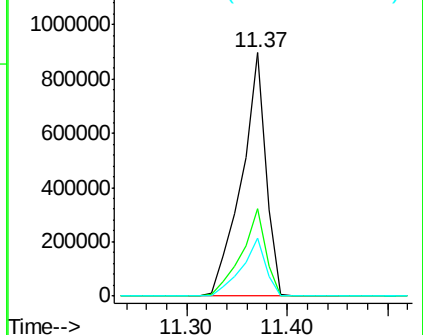


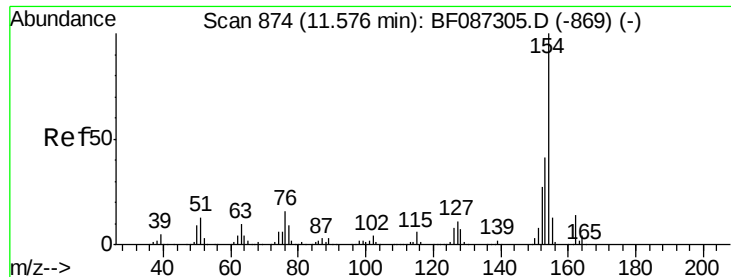
Abundance

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

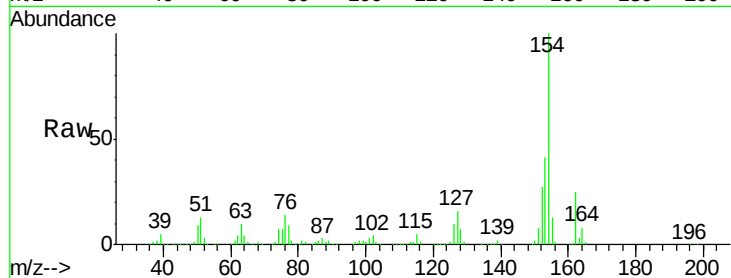
Tot Ion:154 Resp: 915340

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

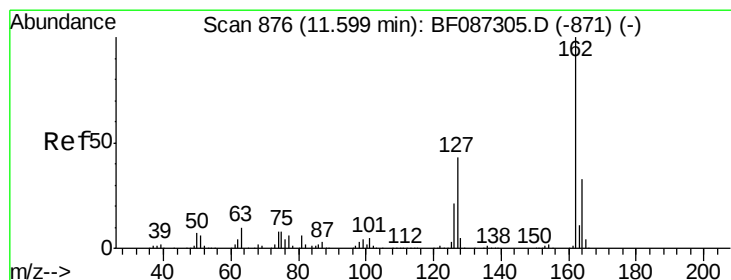
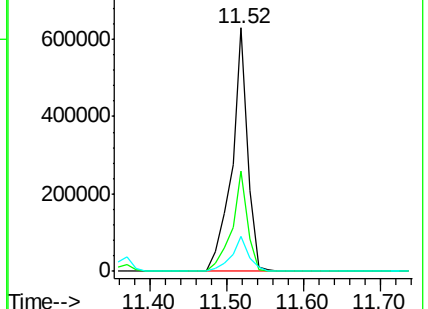
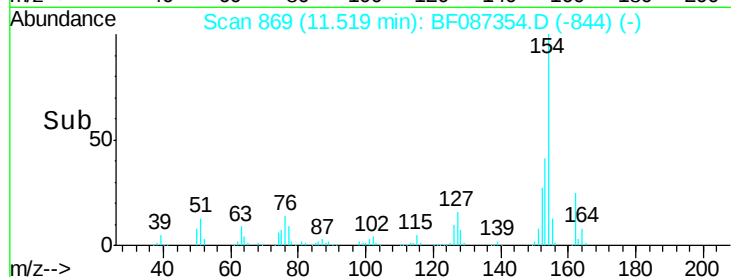
76 14.4 0.0 30.2



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

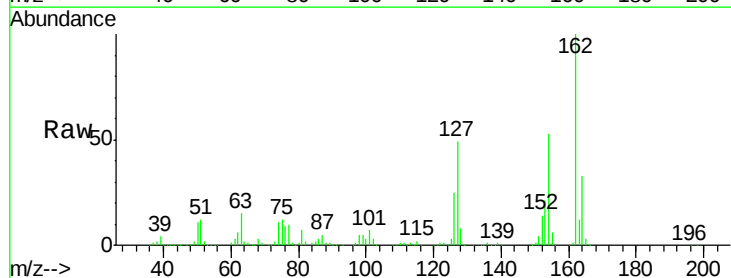
Tgt Ion:162 Resp: 686769

Ion Ratio Lower Upper

162 100

127 49.1 31.8 47.6#

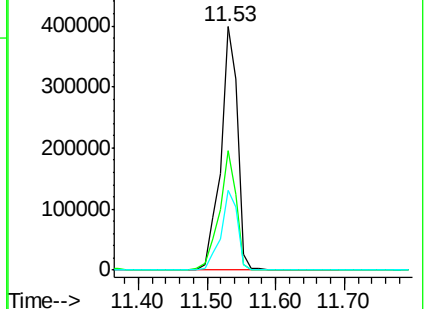
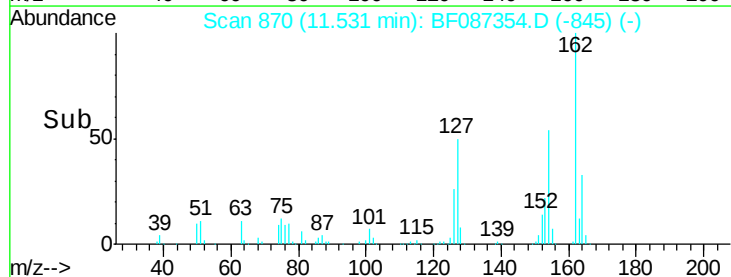
164 32.7 27.0 40.6

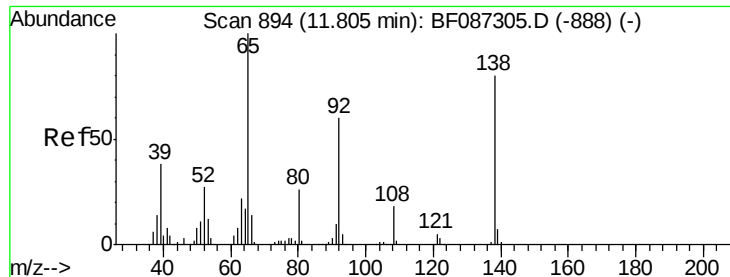


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

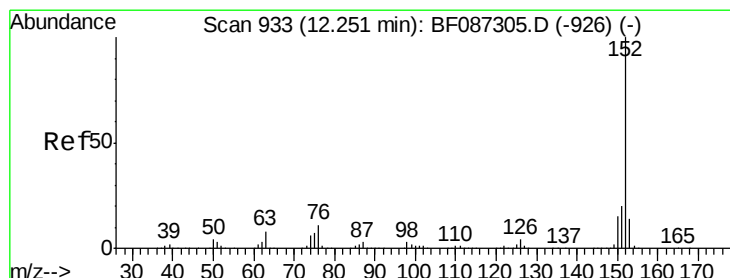
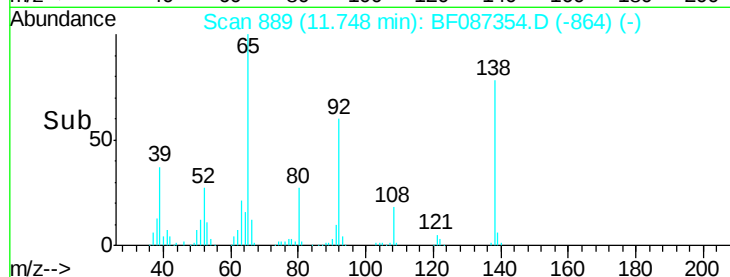
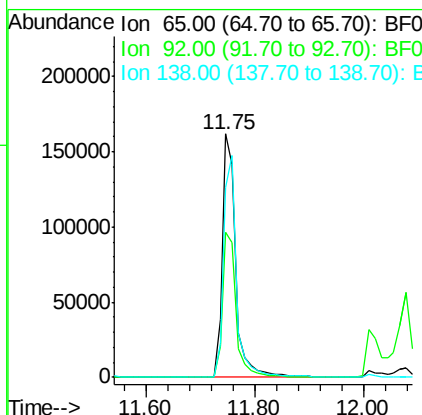
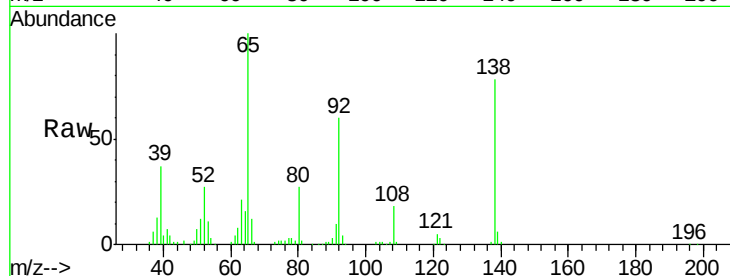




#47
2-Nitroaniline
Concen: 54.35 ng
RT: 11.75 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

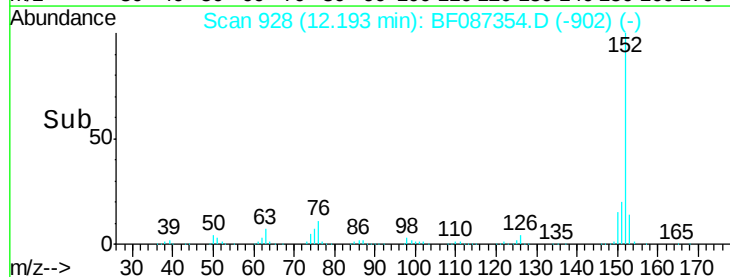
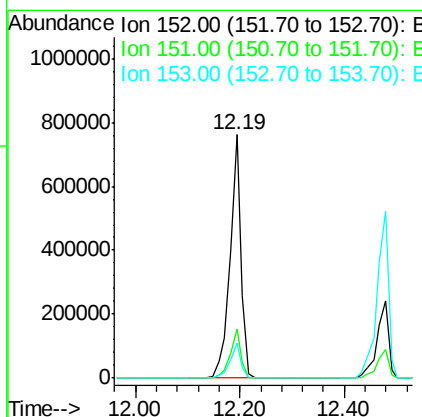
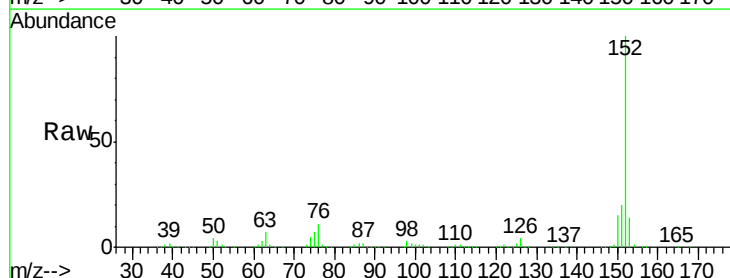
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

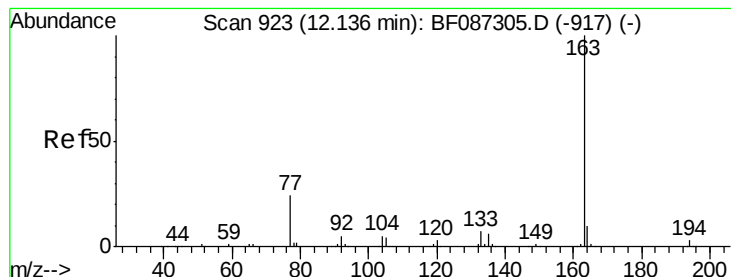
Tot Ion: 65 Resp: 282430
Ion Ratio Lower Upper
65 100
92 59.7 57.4 86.2
138 78.2 90.1 135.1#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

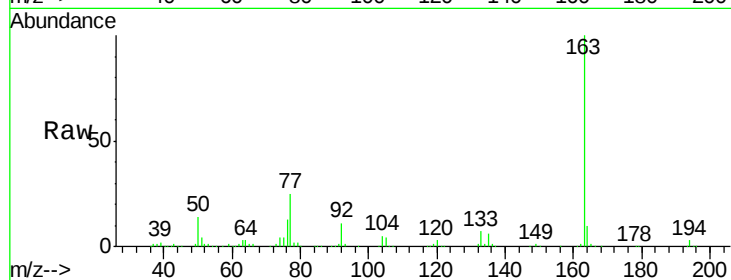
Tot Ion:163 Resp: 891220

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

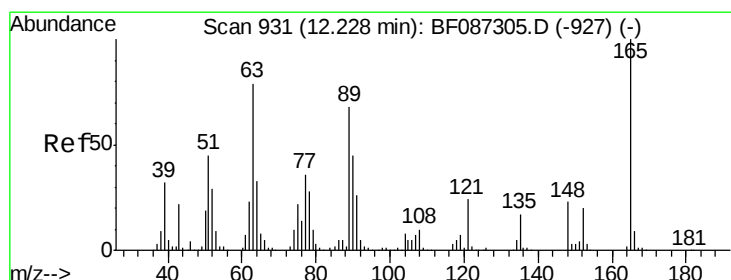
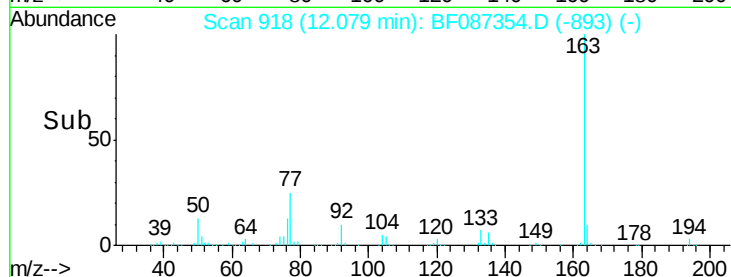
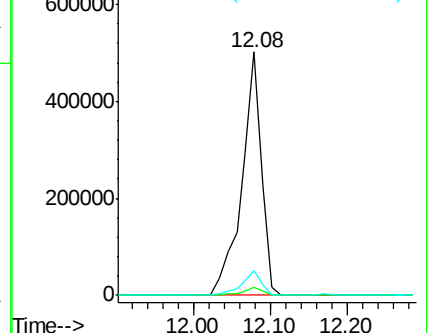
164 10.3 8.2 12.4



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

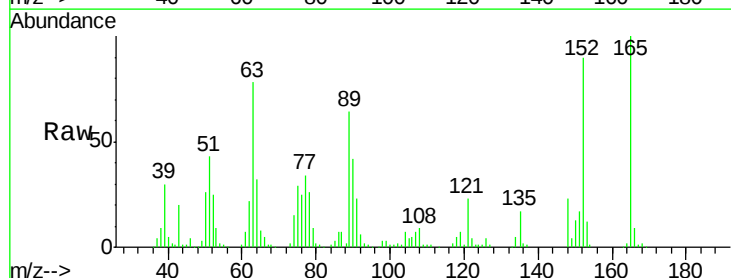
Tgt Ion:165 Resp: 190657

Ion Ratio Lower Upper

165 100

63 77.8 51.8 77.8

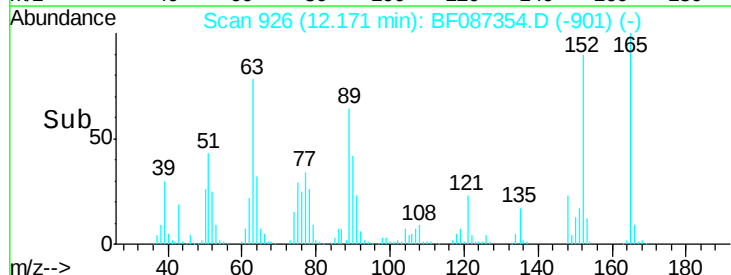
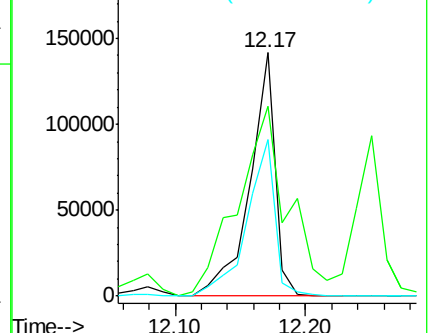
89 64.5 50.7 76.1

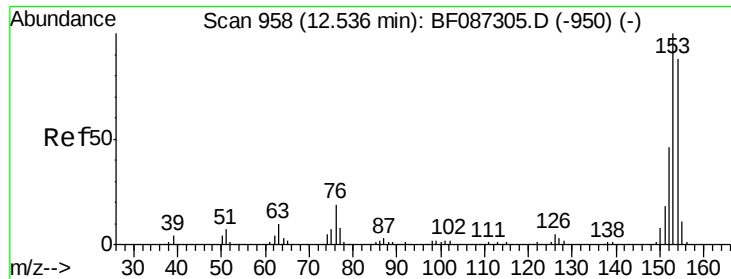


Abundance Ion 165.00 (164.70 to 165.70): E

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

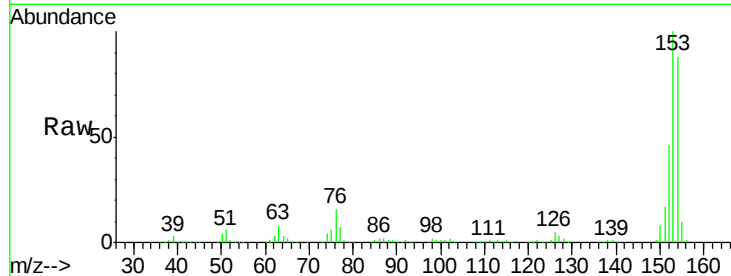
Tot Ion:154 Resp: 696259

Ion Ratio Lower Upper

154 100

153 114.0 89.8 134.6

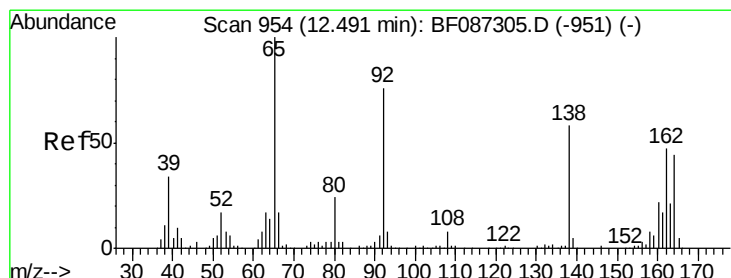
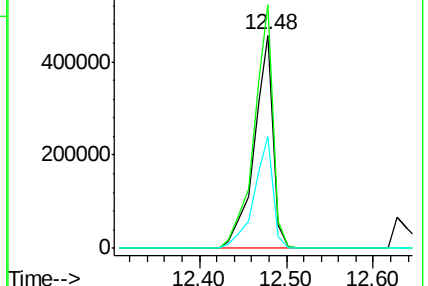
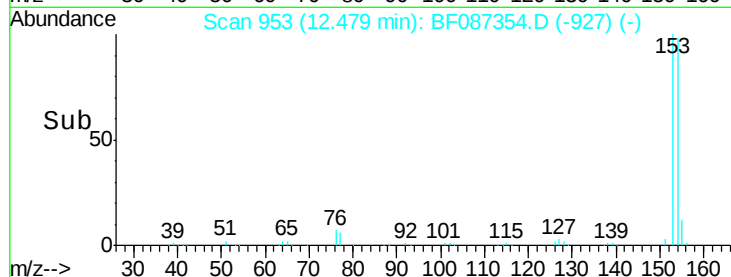
152 52.4 43.4 65.0



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

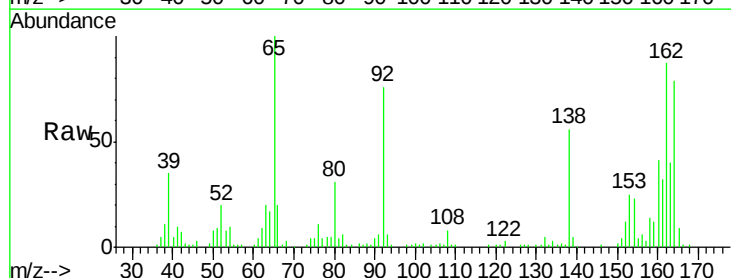
Tgt Ion:138 Resp: 73215

Ion Ratio Lower Upper

138 100

108 14.5 7.8 11.6#

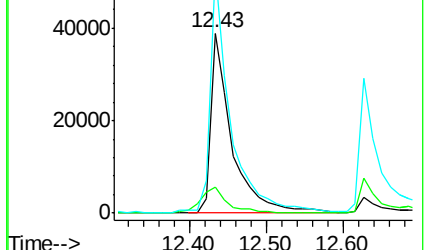
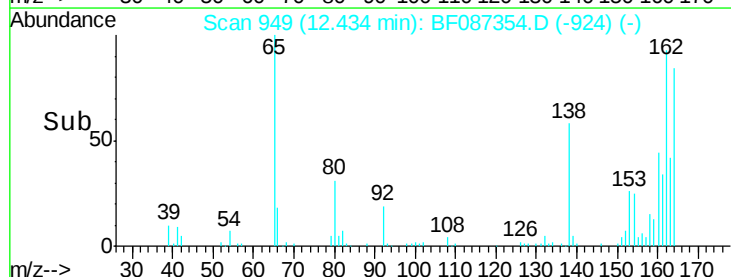
92 135.4 87.8 131.8#

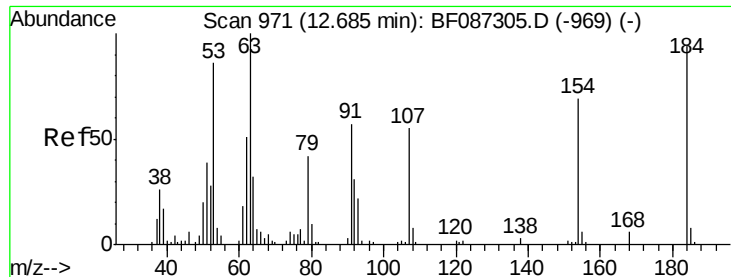


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

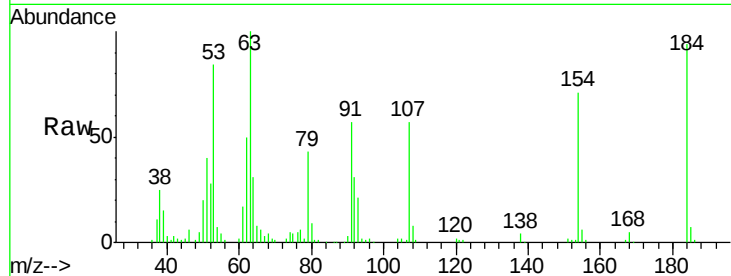




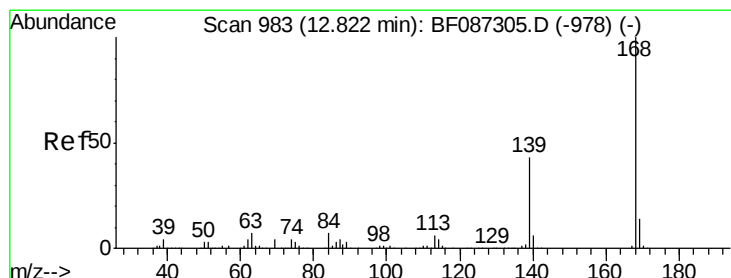
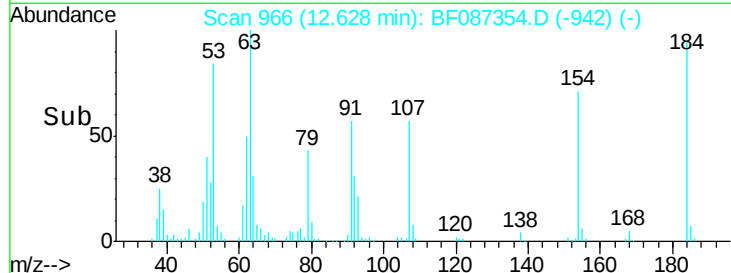
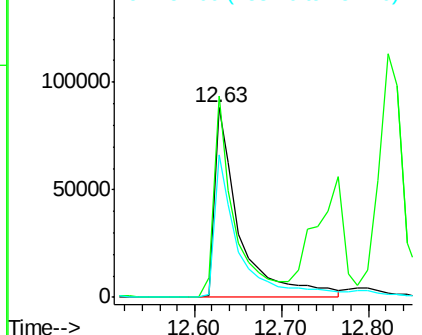
#53
2,4-Dinitrophenol
Concen: 94.34 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

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

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

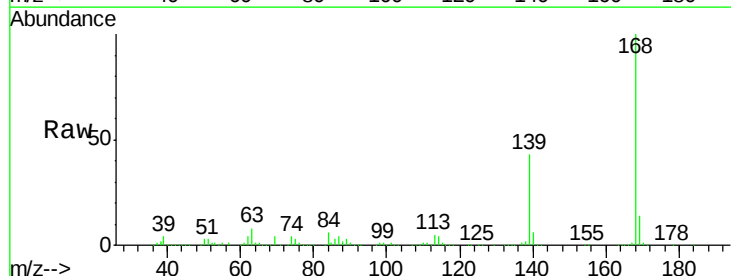


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

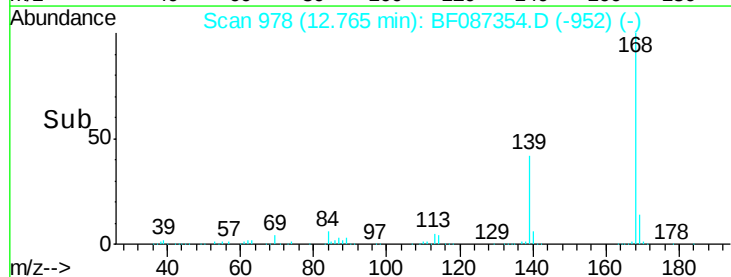
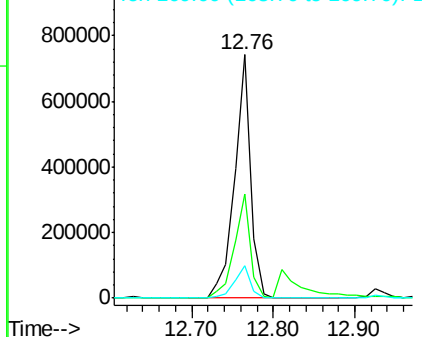


#54
Dibenzofuran
Concen: 53.56 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

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

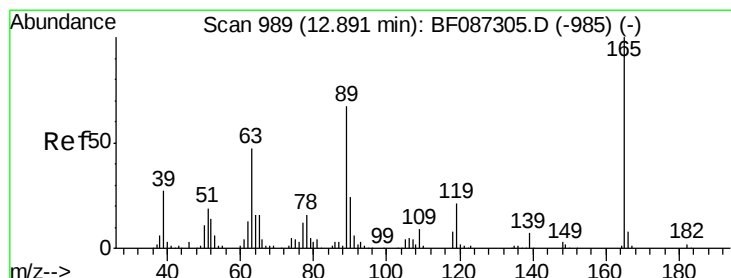
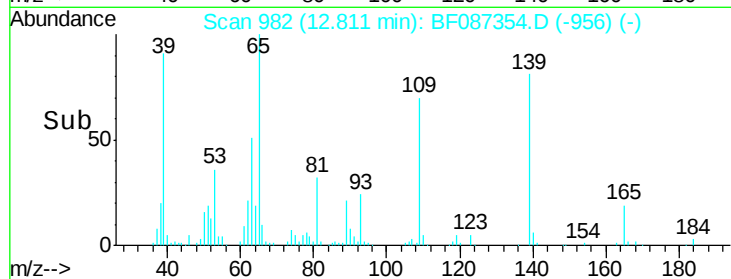
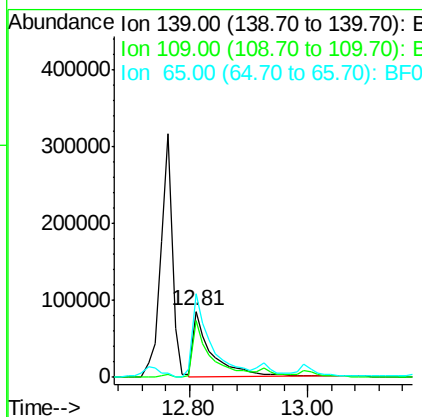
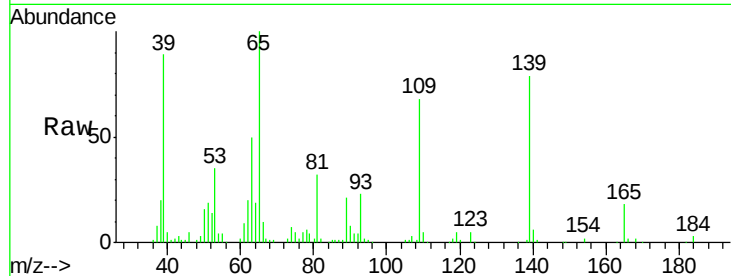




#55
4-Nitrophenol
Concen: 107.66 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

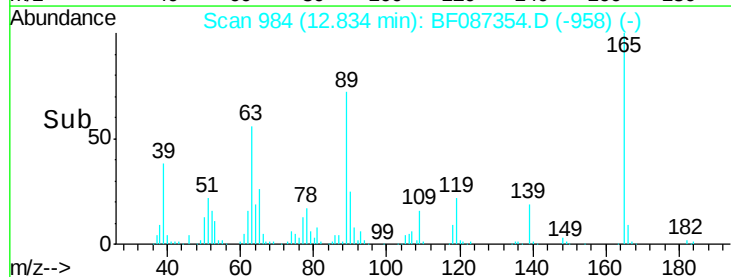
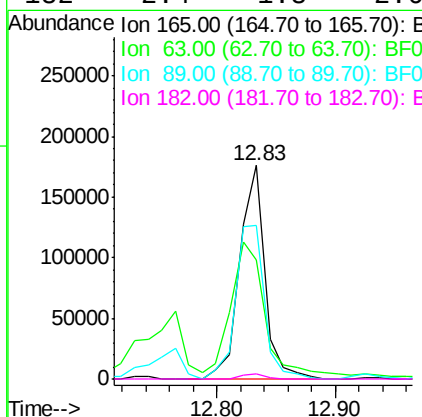
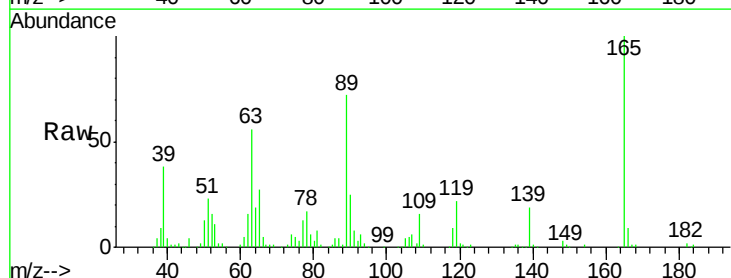
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

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



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

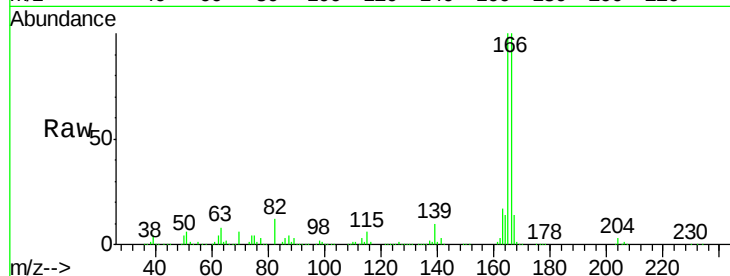
Tot Ion:166 Resp: 831896

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

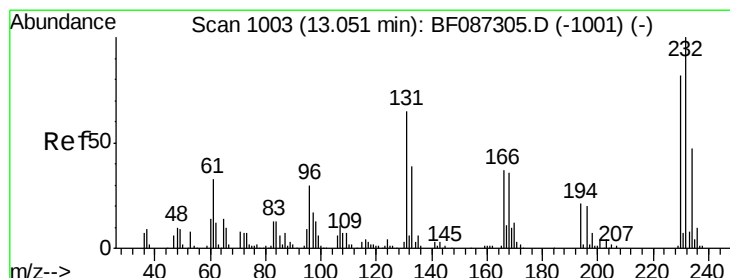
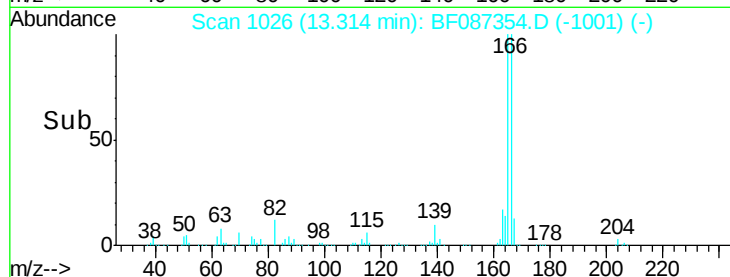
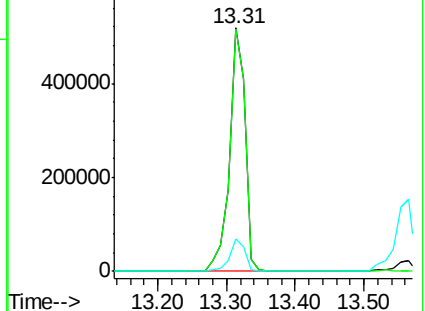
167 13.6 10.6 15.8



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

Tgt Ion:232 Resp: 195012

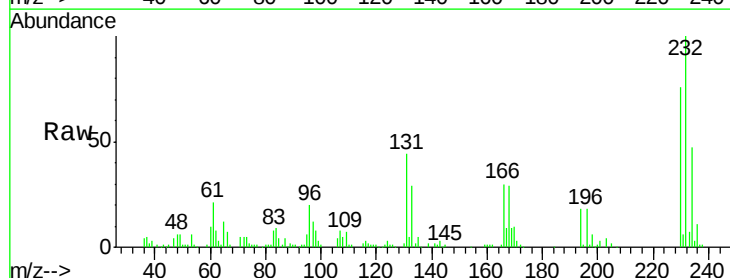
Ion Ratio Lower Upper

232 100

131 55.5 41.9 62.9

130 2.9 2.2 3.4

166 33.1 26.8 40.2

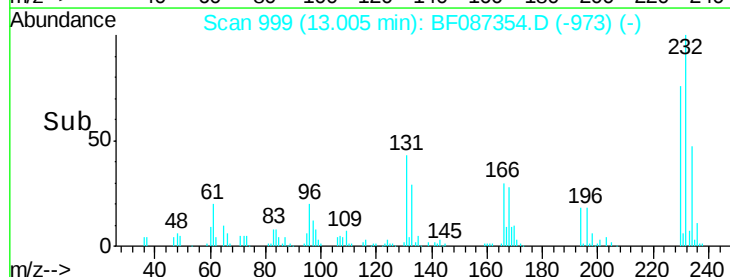
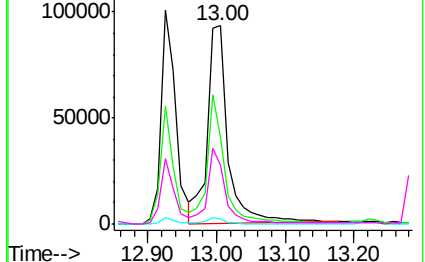


Abundance Ion 232.00 (231.70 to 232.70): E

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

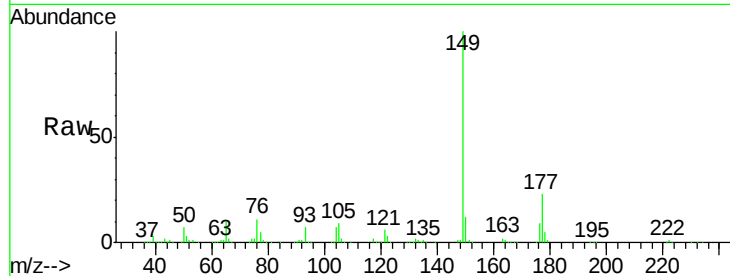




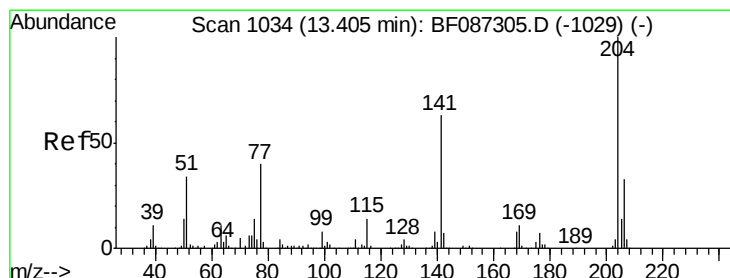
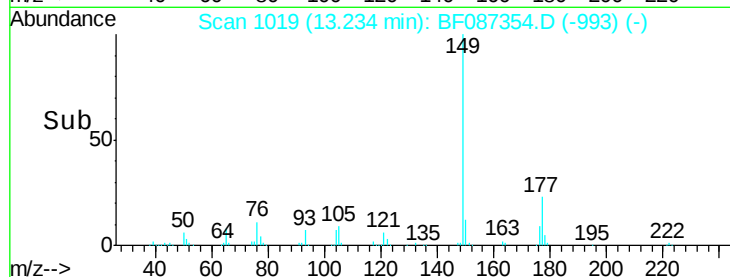
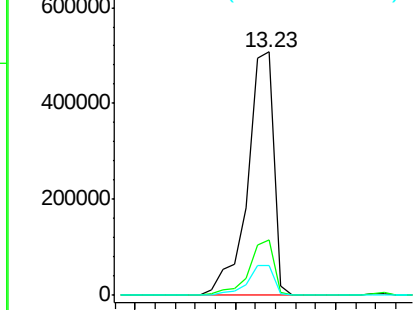
#59
Diethylphthalate
Concen: 52.62 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

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

Tot Ion:149 Resp: 917623
Ion Ratio Lower Upper
149 100
177 22.6 16.6 24.8
150 12.2 10.0 15.0

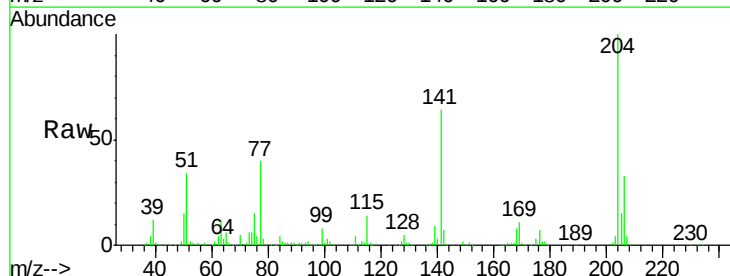


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

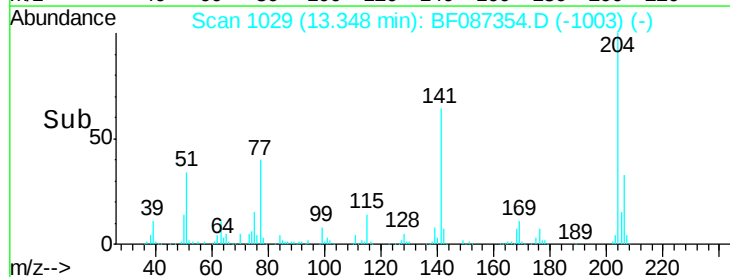
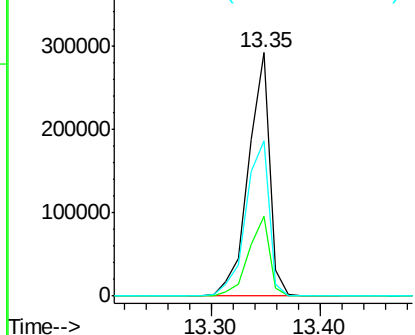


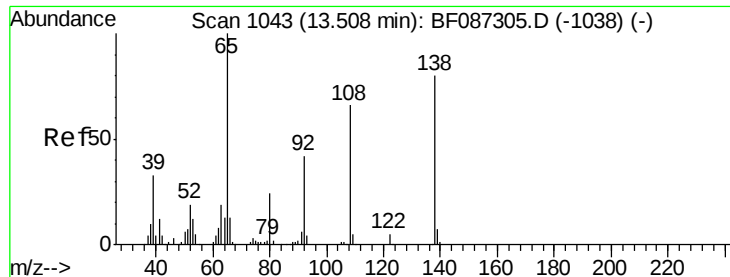
#60
4-Chlorophenyl-phenylether
Concen: 49.20 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

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

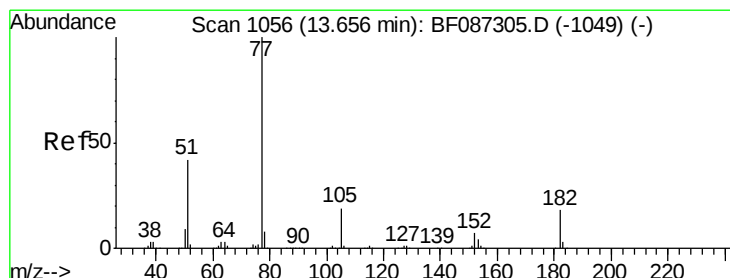
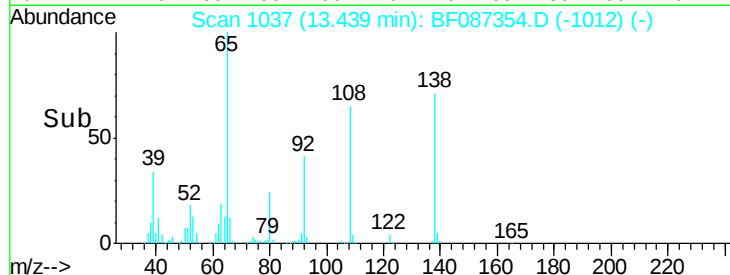
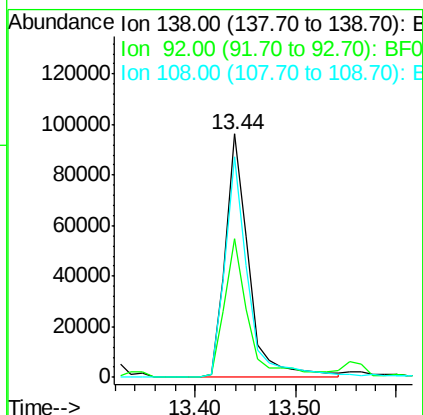
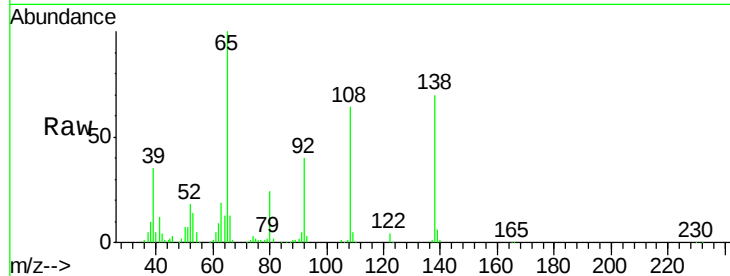




#61
4-Nitroaniline
Concen: 45.32 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

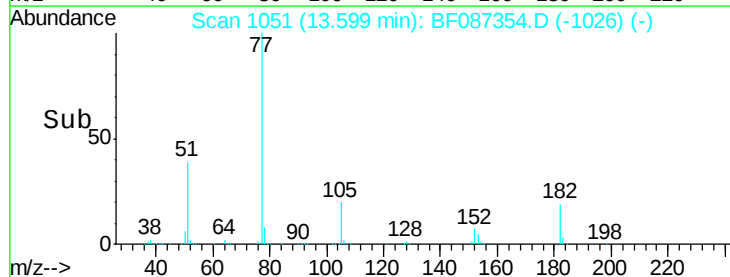
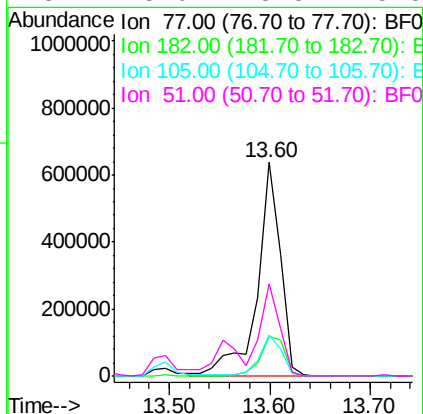
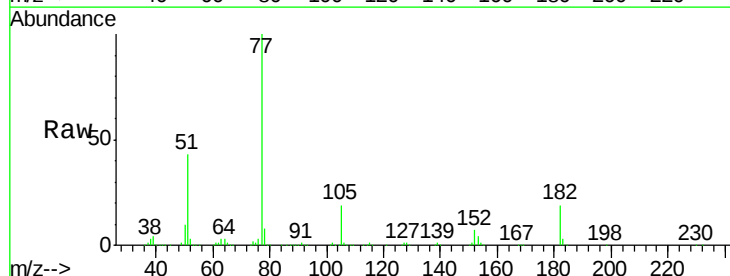
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

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



#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

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

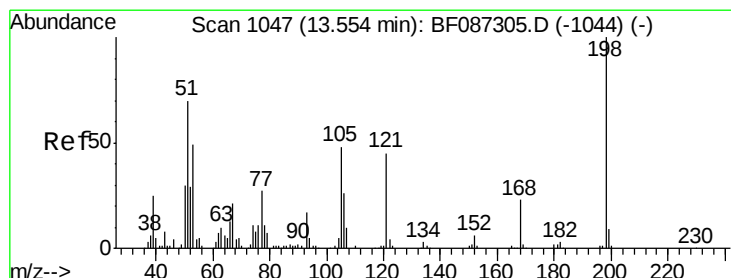
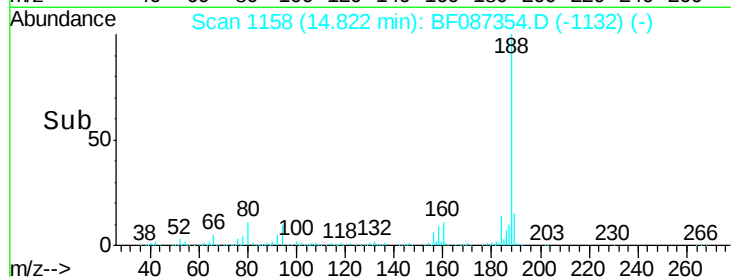
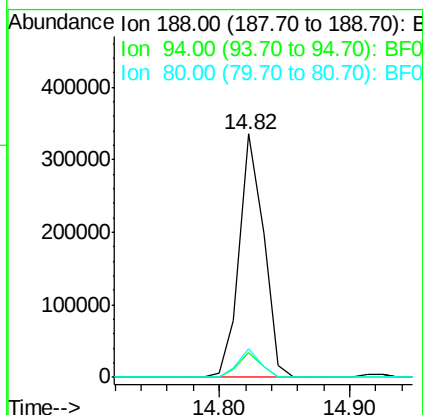
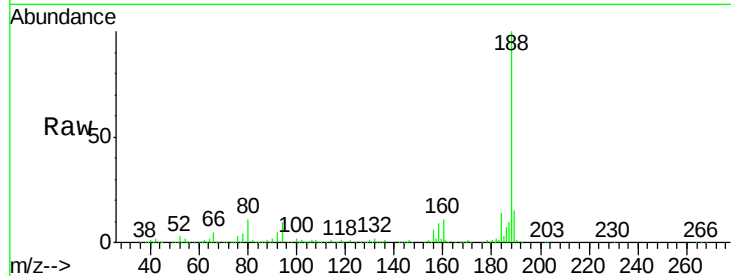




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

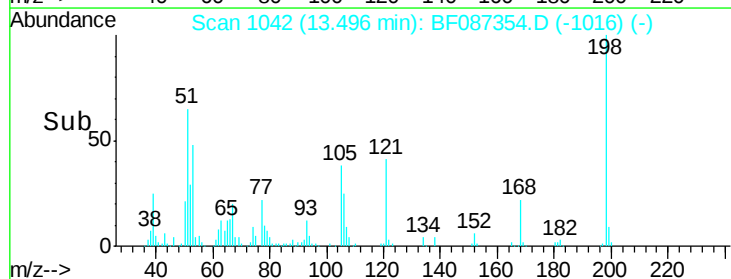
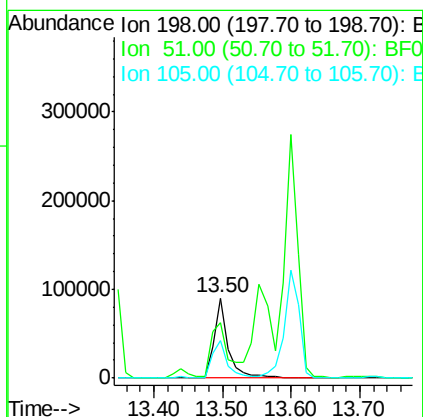
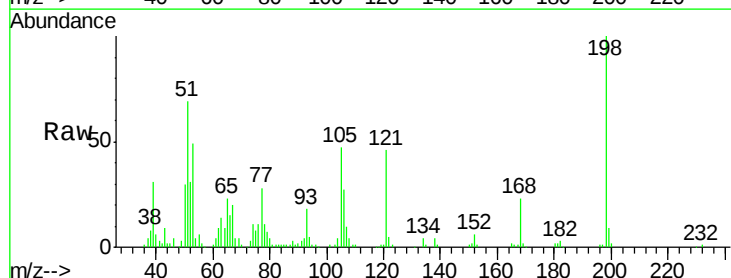
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

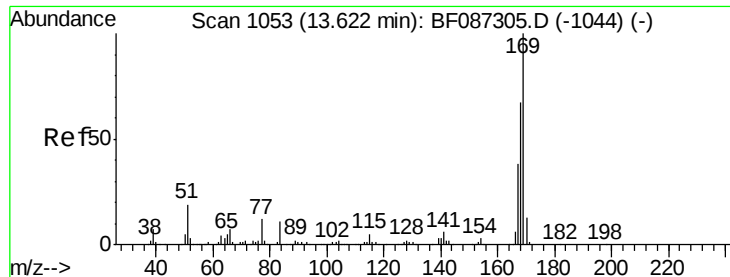
Tot Ion:188 Resp: 436346
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 11.5 7.1 10.7#



#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

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

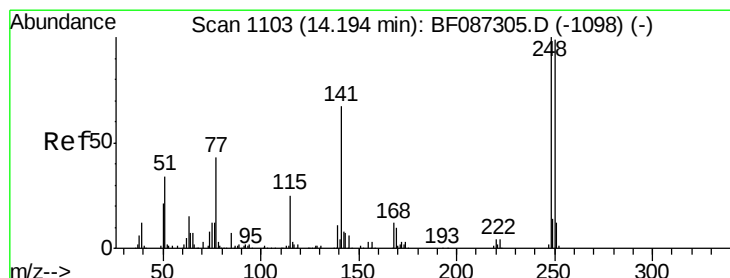
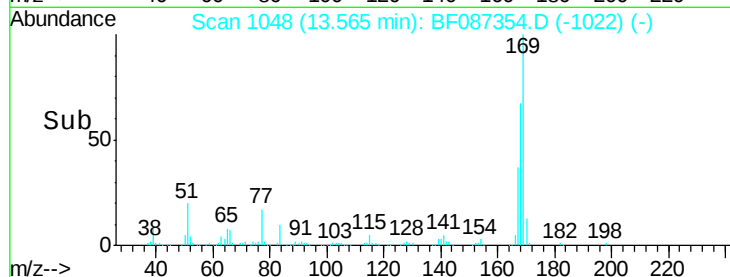
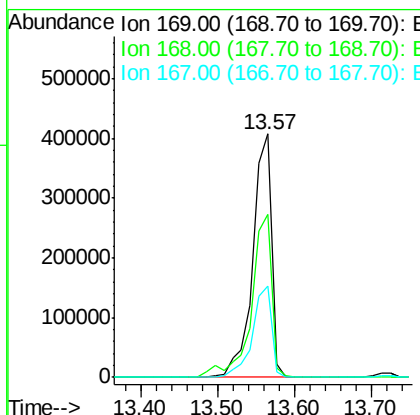
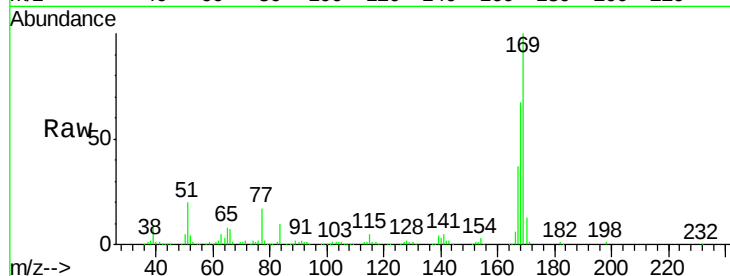




#65
n-Nitrosodiphenylamine
Concen: 48.71 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

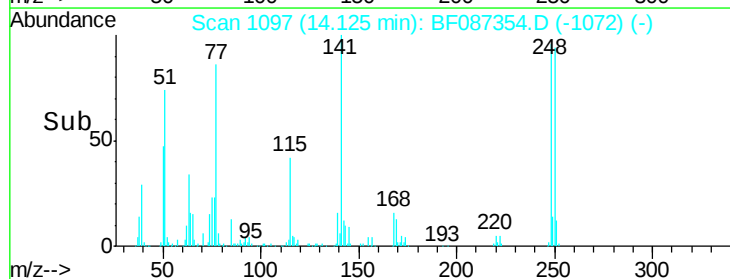
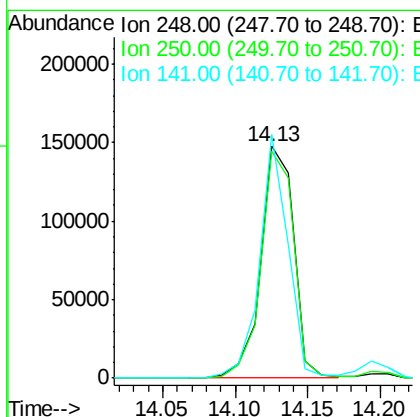
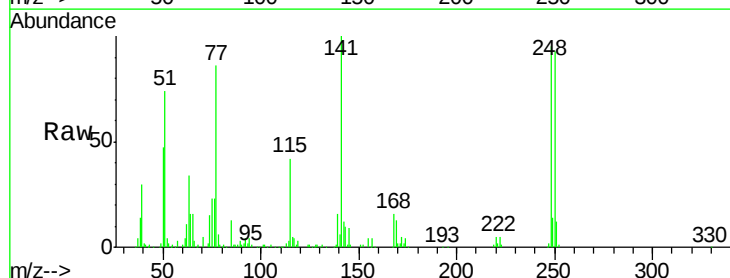
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

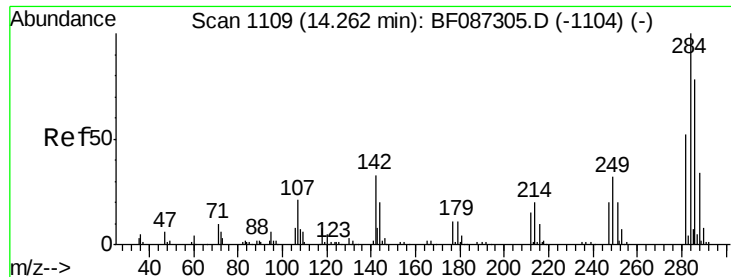
Tot Ion:169 Resp: 687356
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 37.3 29.5 44.3



#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

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

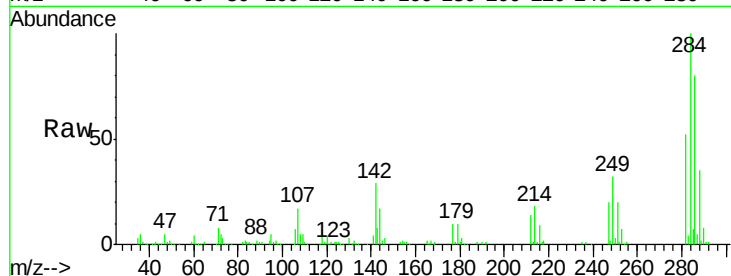
Tot Ion:284 Resp: 239481

Ion Ratio Lower Upper

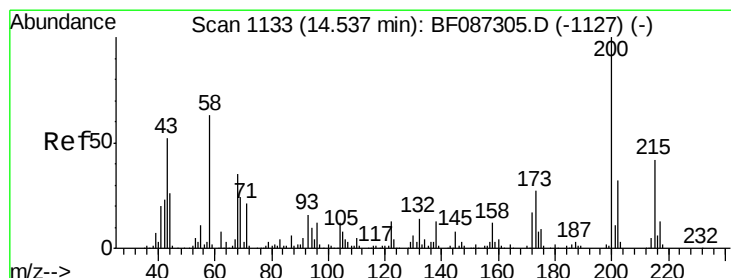
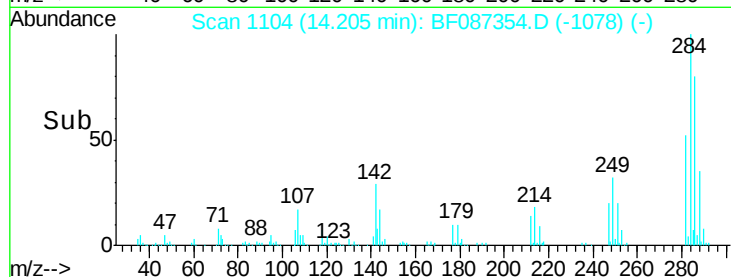
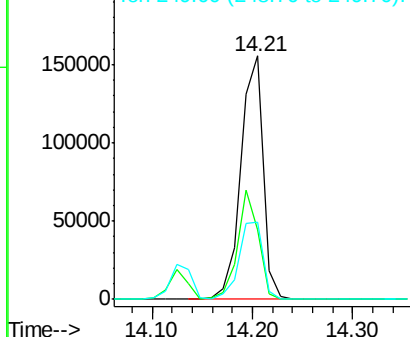
284 100

142 28.8 16.7 25.1#

249 31.7 21.3 31.9



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



#68

Atrazine

Concen: 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

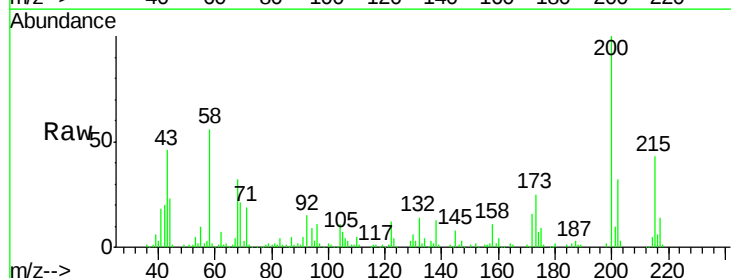
Tgt Ion:200 Resp: 163279

Ion Ratio Lower Upper

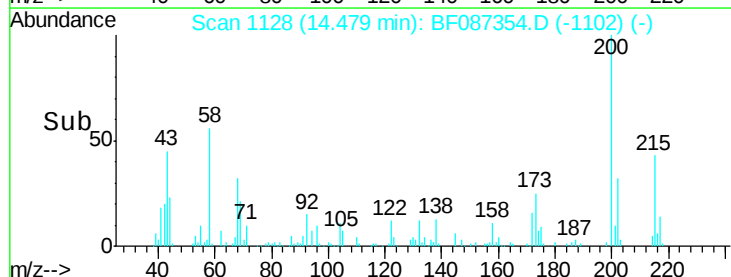
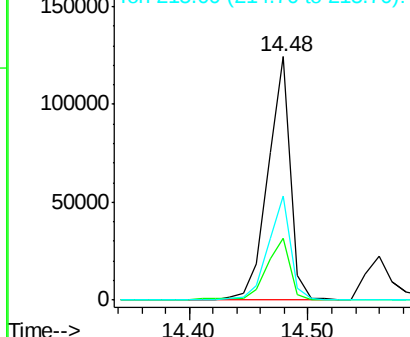
200 100

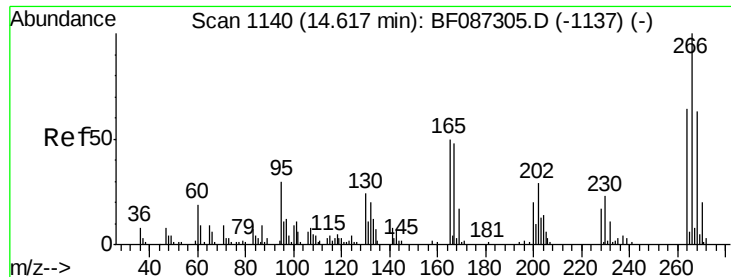
173 25.4 8.5 48.5

215 42.7 27.2 67.2



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

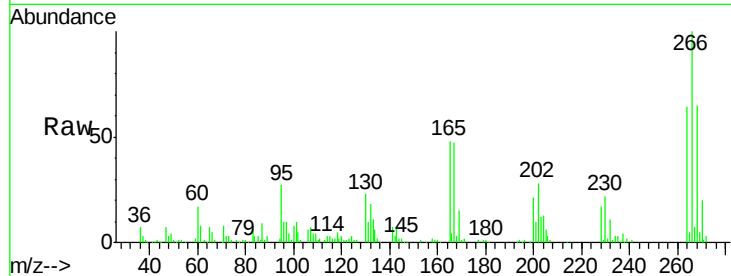




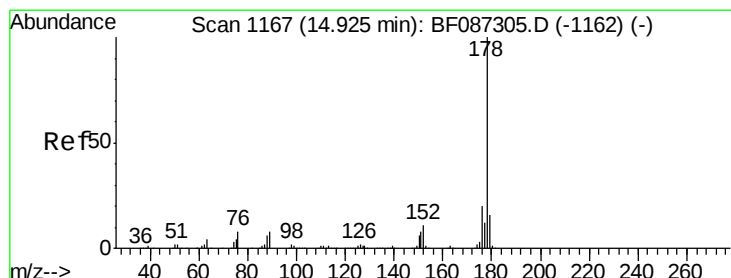
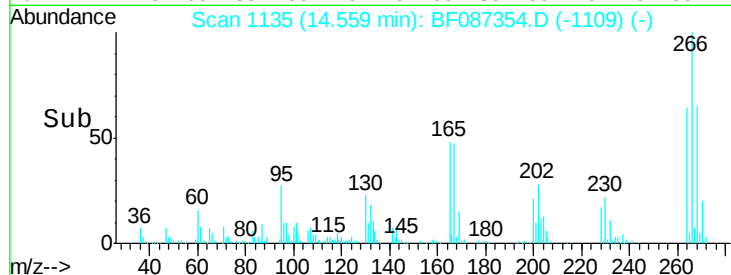
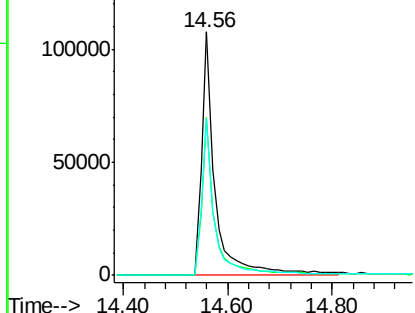
#69
 Pentachlorophenol
 Concen: 122.80 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

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

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

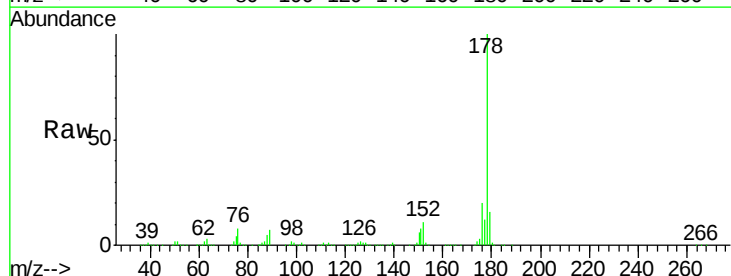


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

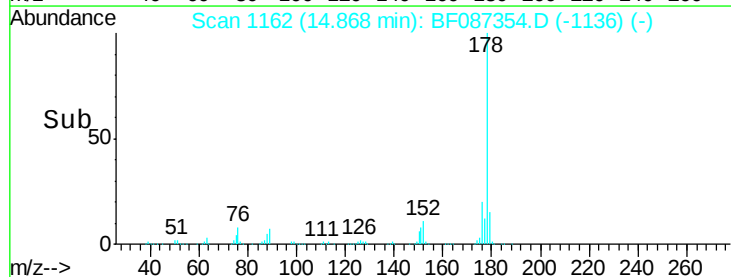
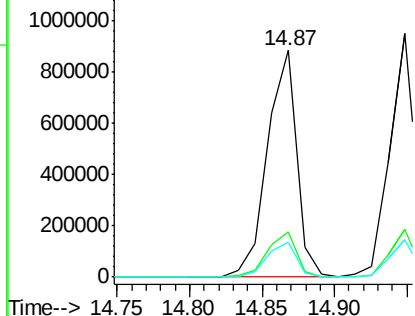


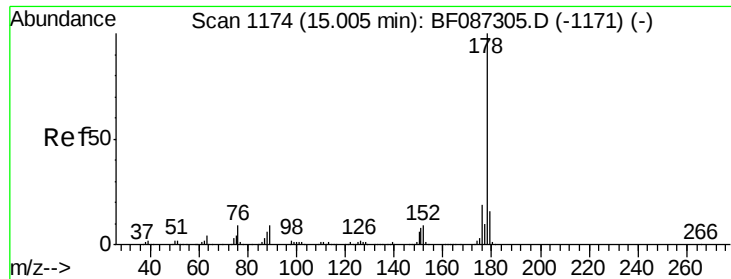
#70
 Phenanthrene
 Concen: 51.65 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

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



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

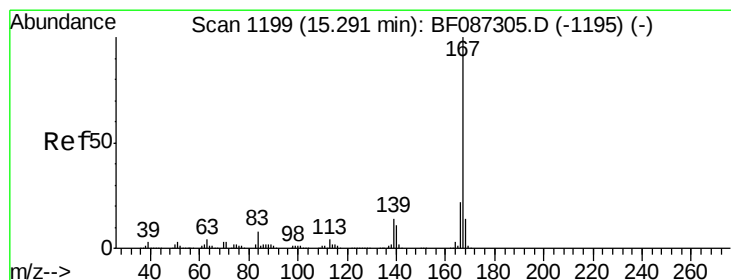
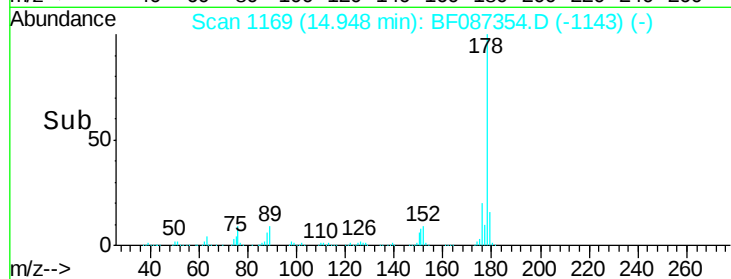
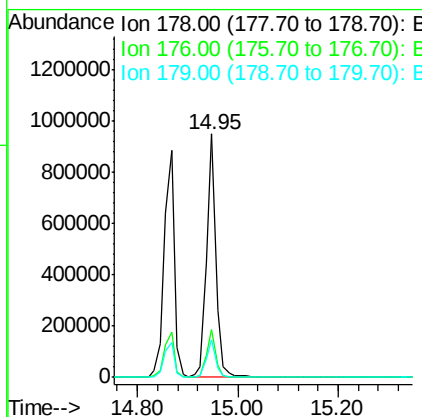
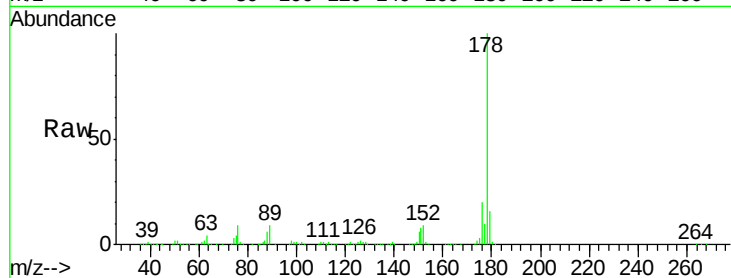




#71
 Anthracene
 Concen: 50.45 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF087354.D
 Acq: 25 May 2016 00:16

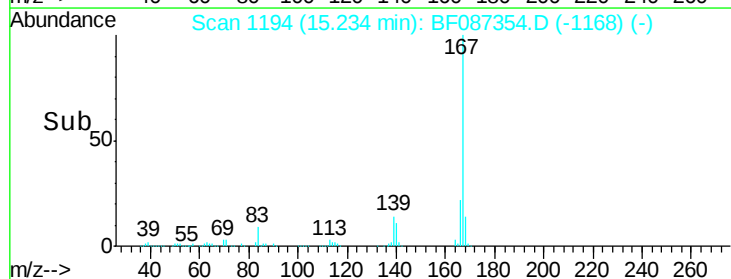
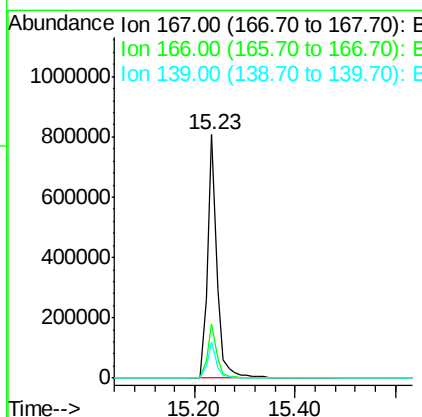
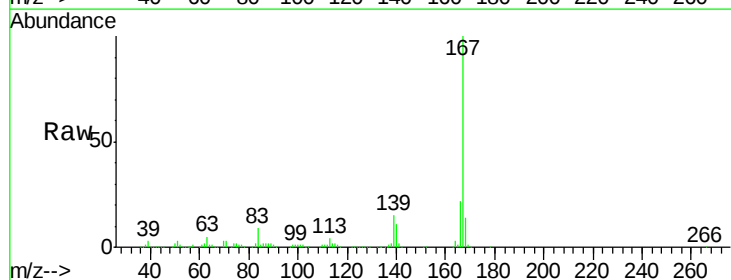
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MS

Tot 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

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

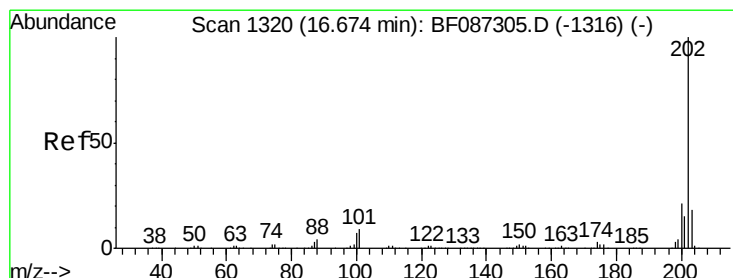
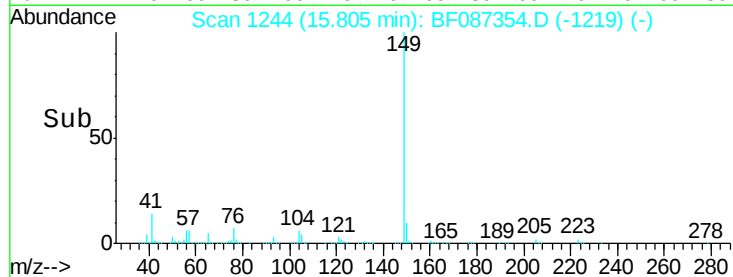
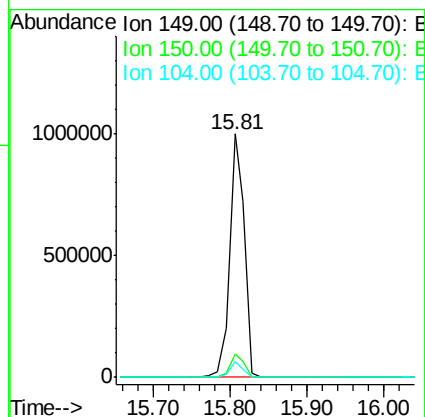
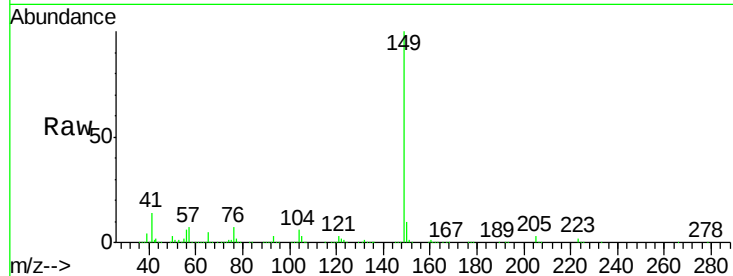




#73
Di-n-butylphthalate
Concen: 50.17 ng
RT: 15.81 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

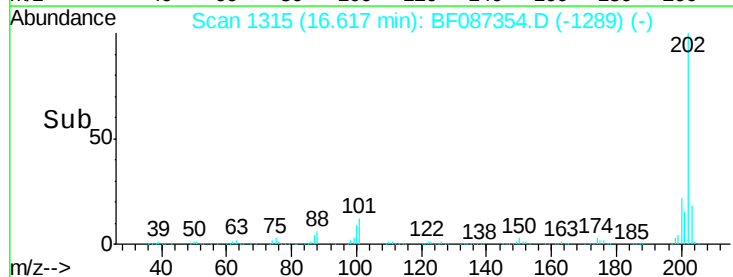
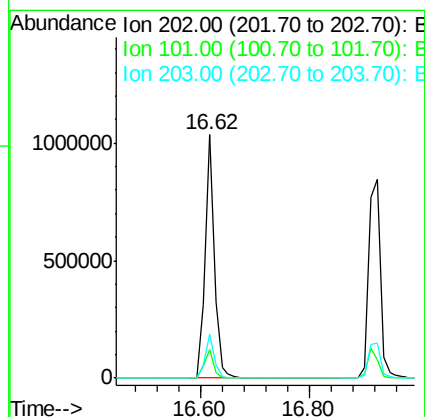
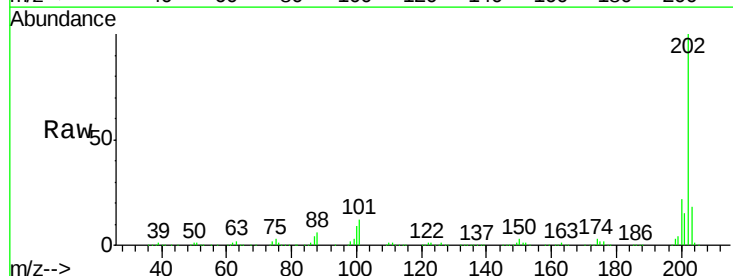
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

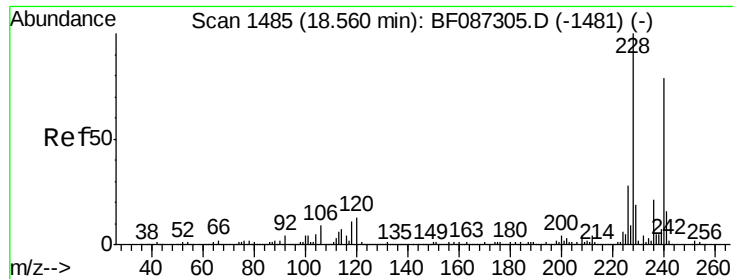
Tot Ion:149 Resp: 1351218
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 6.3 3.8 5.6#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

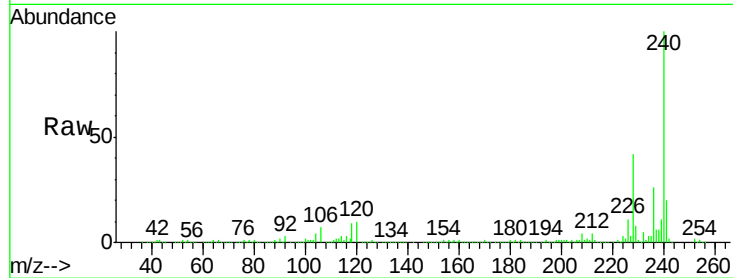
Tot Ion:240 Resp: 350986

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

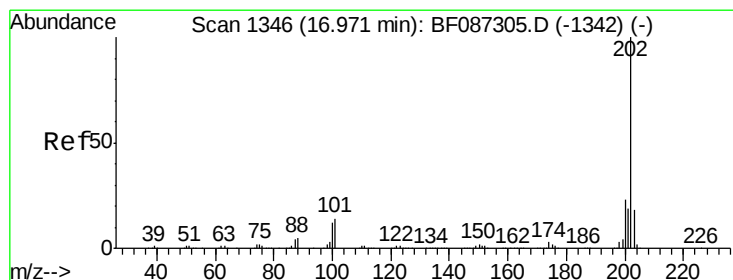
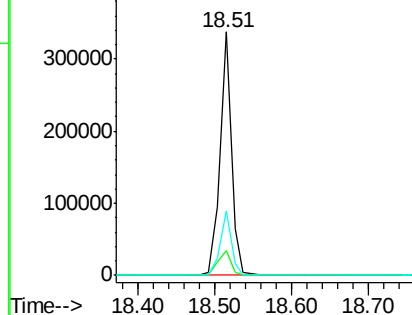
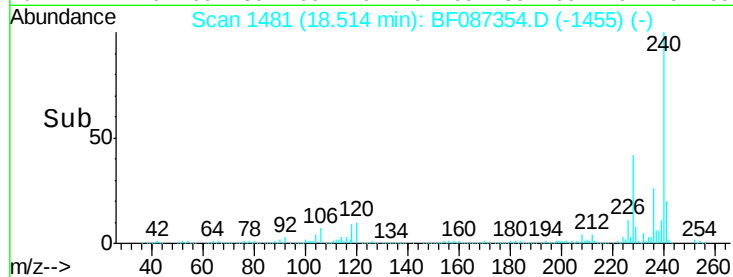
236 26.2 21.2 31.8



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

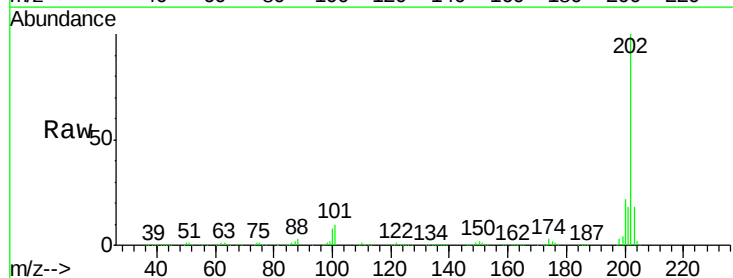
Tgt Ion:202 Resp: 1243572

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

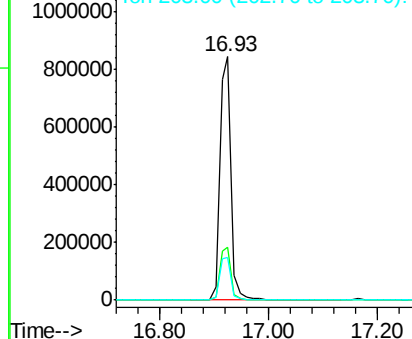
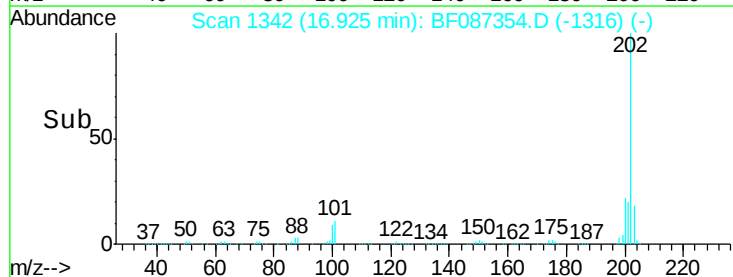
203 17.8 14.2 21.4

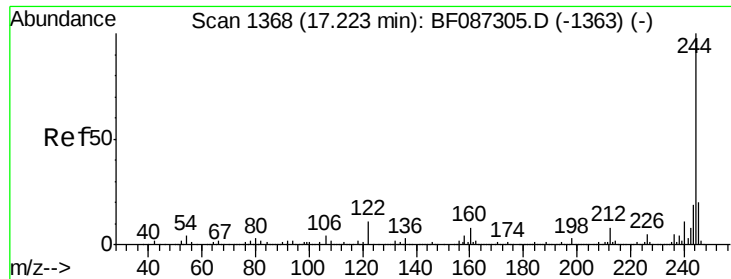


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

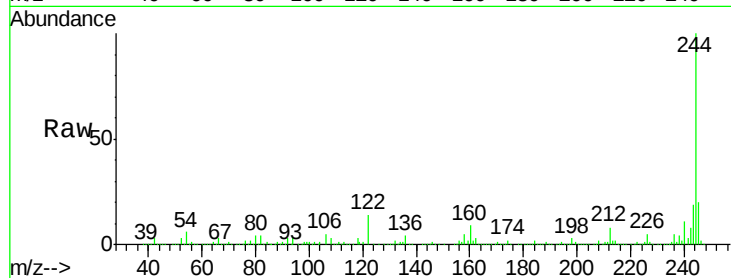
Tot Ion:244 Resp: 1532724

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

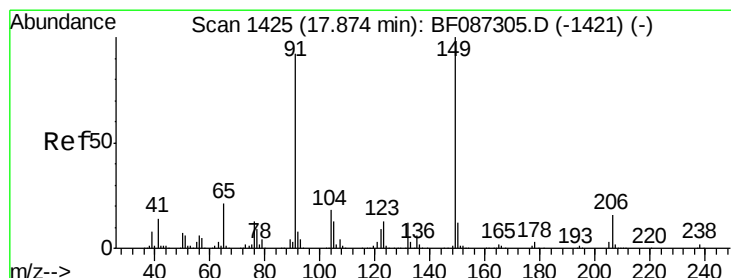
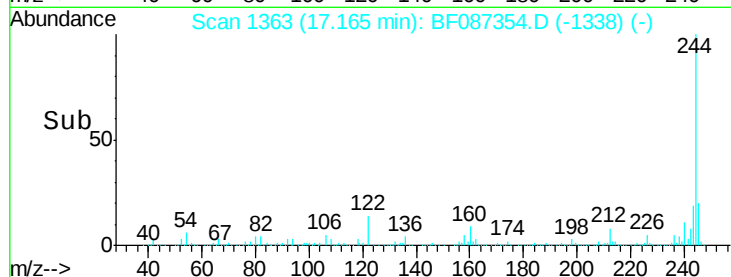
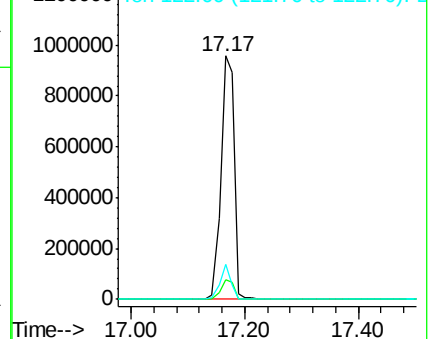
122 14.2 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

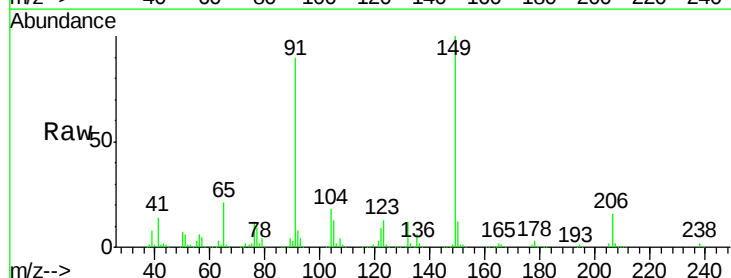
Tgt Ion:149 Resp: 544432

Ion Ratio Lower Upper

149 100

91 90.3 48.0 72.0#

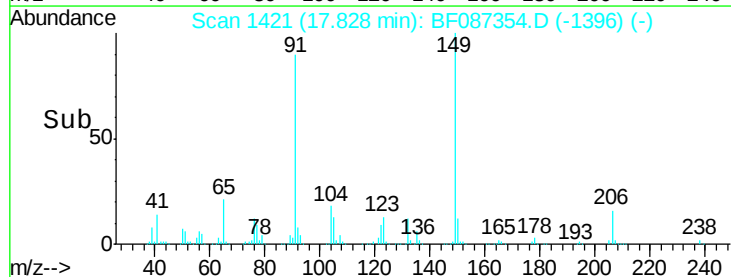
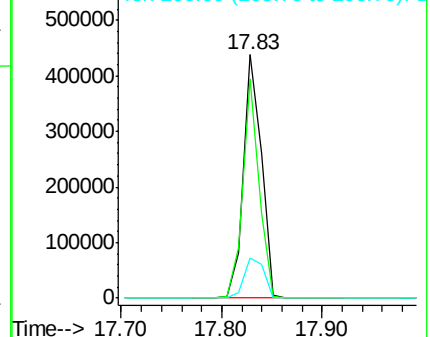
206 16.5 15.8 23.6

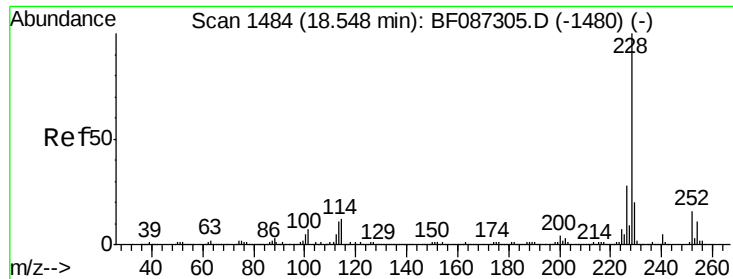


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

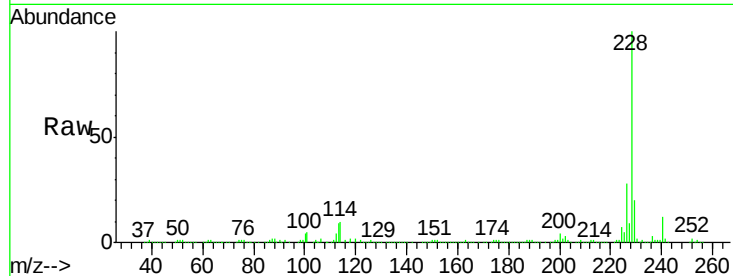
Tot Ion:228 Resp: 1002795

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

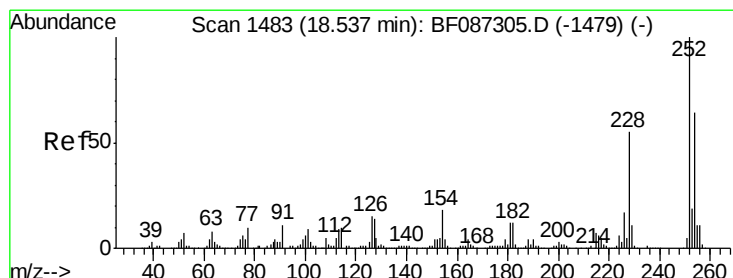
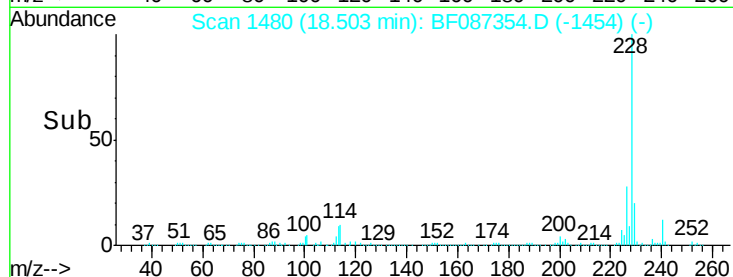
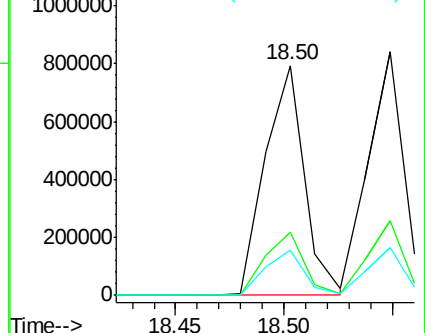
229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

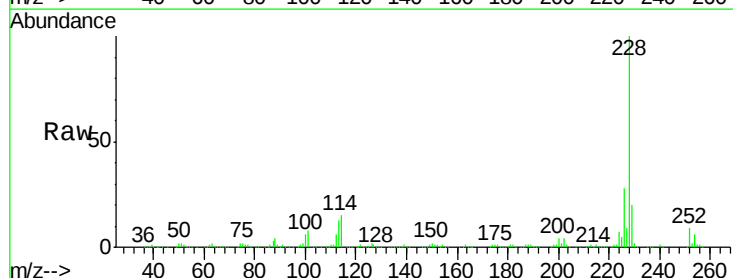
Tgt Ion:252 Resp: 75499

Ion Ratio Lower Upper

252 100

254 62.6 50.7 76.1

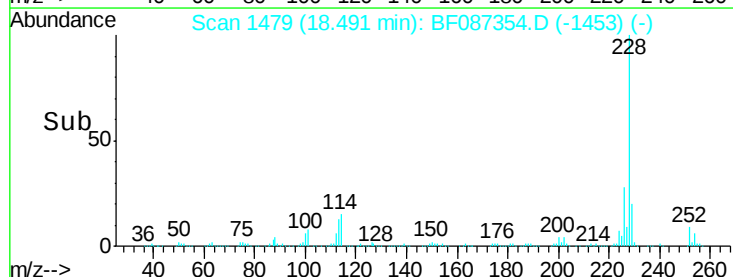
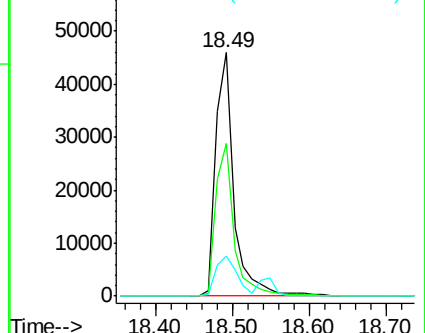
126 16.6 12.7 19.1

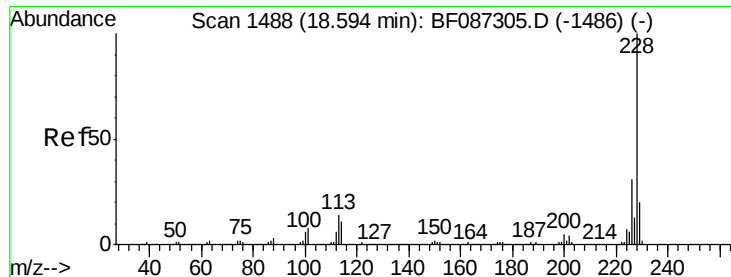


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

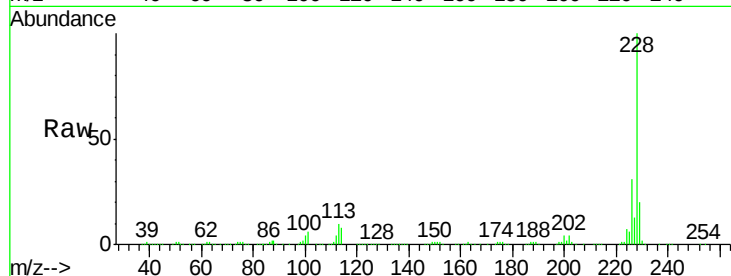
Tot Ion:228 Resp: 991333

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

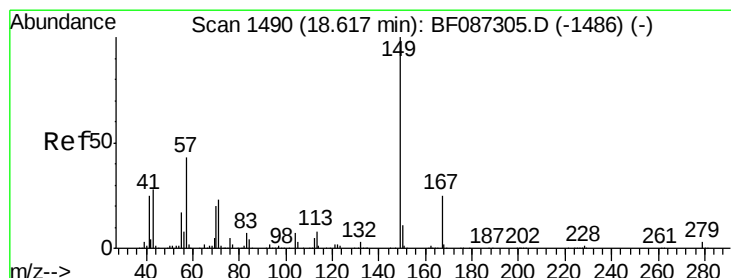
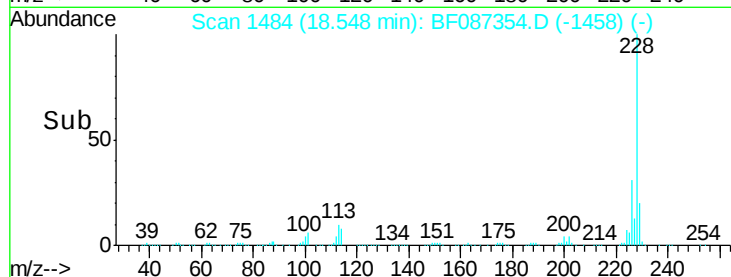
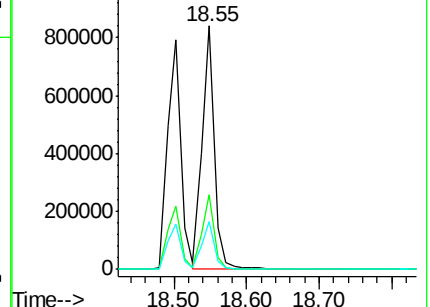
229 19.7 15.8 23.8



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

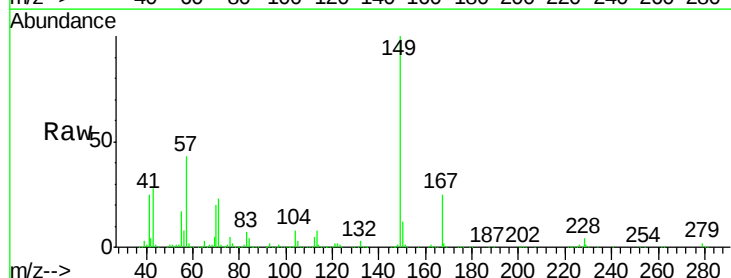
Tgt Ion:149 Resp: 772466

Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.6

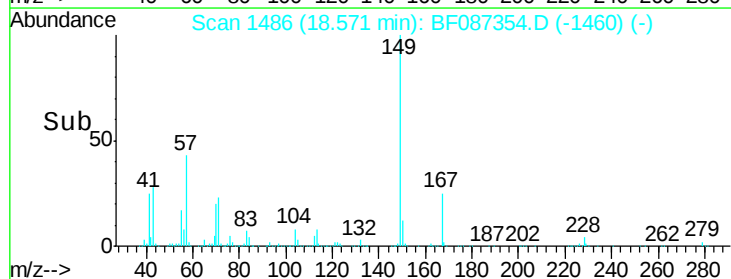
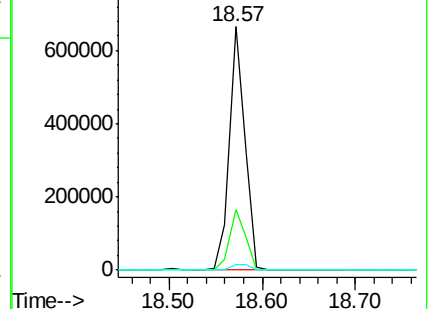
279 2.3 2.6 4.0#

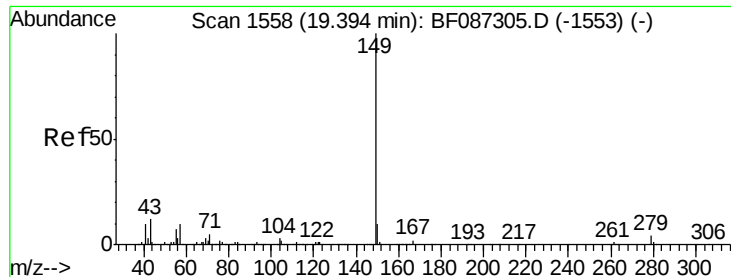


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

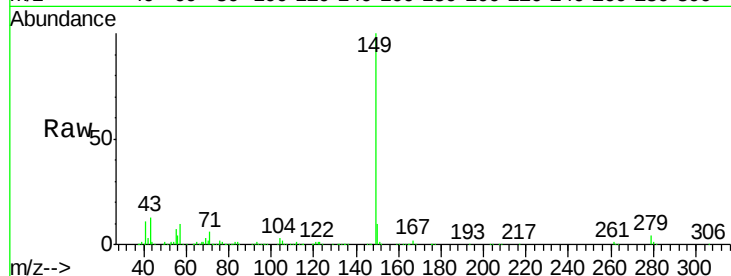
Tot Ion:149 Resp: 1219929

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

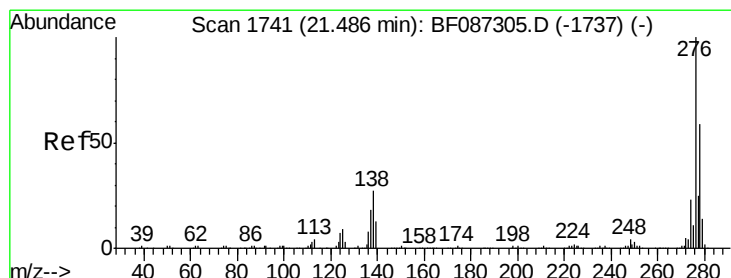
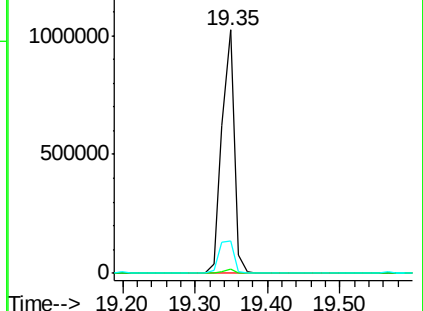
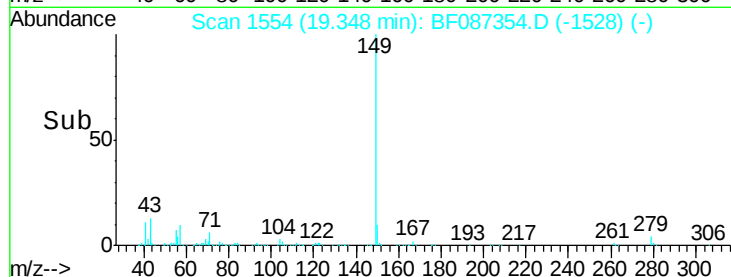
43 16.1 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 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

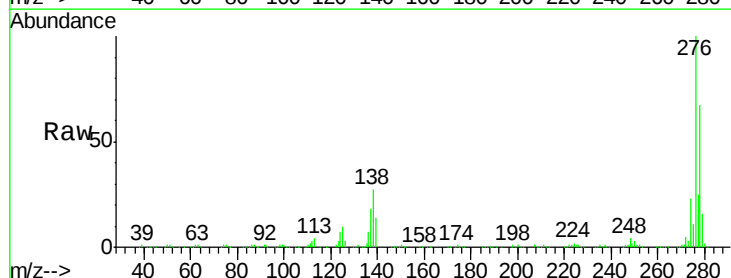
Tgt Ion:276 Resp: 718047

Ion Ratio Lower Upper

276 100

138 27.1 25.6 38.4

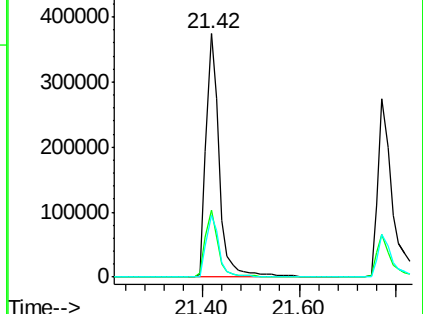
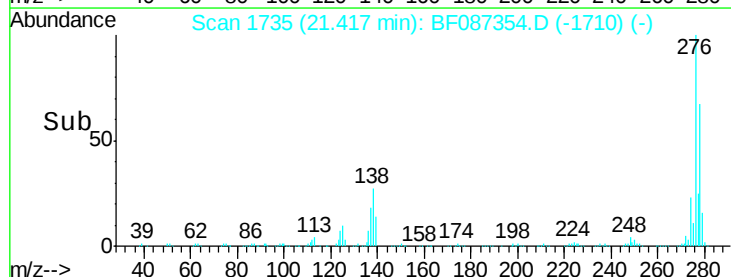
277 25.5 20.5 30.7

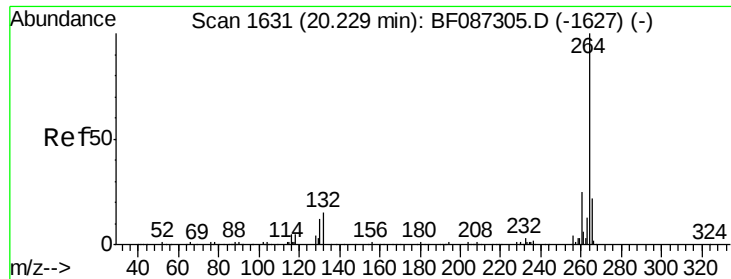


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

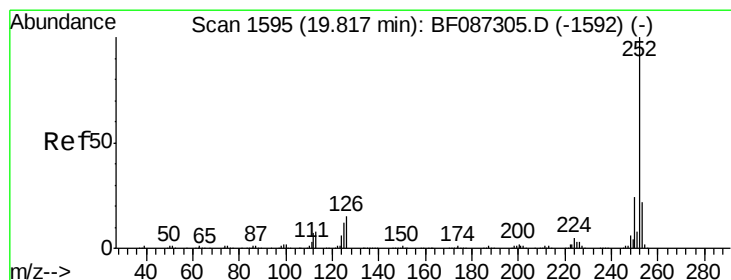
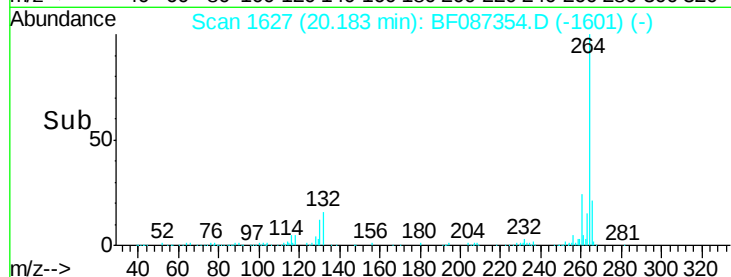
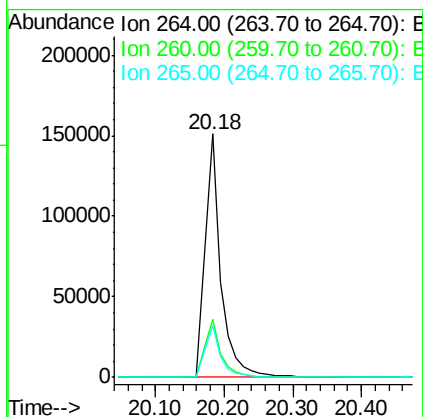
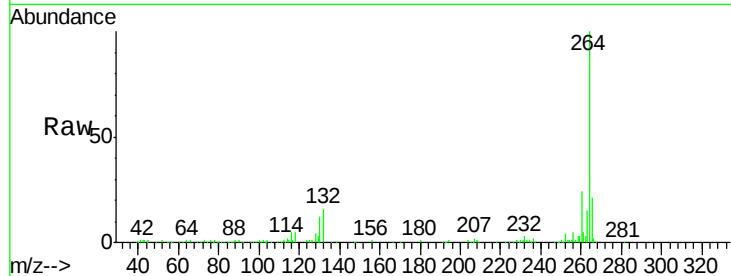




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

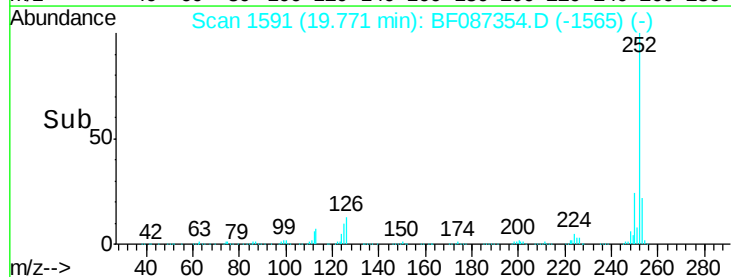
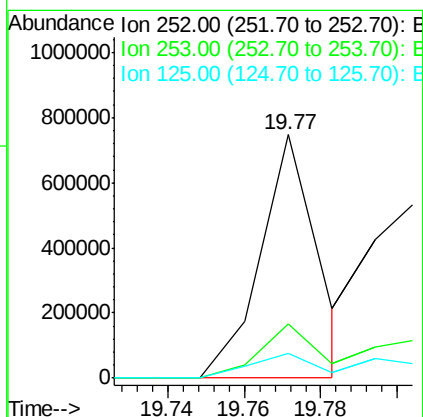
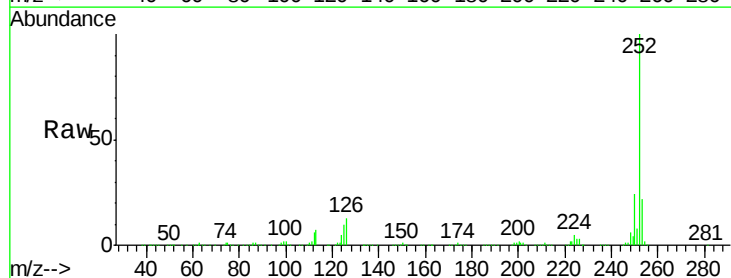
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MS

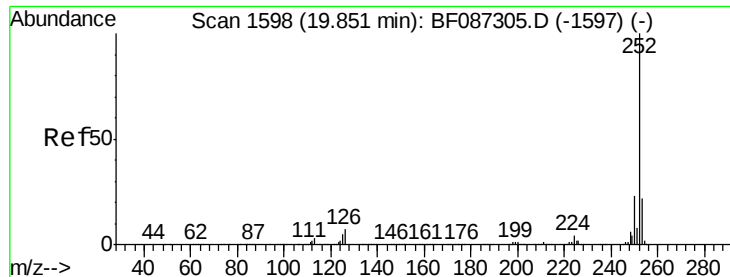
Tot Ion:264 Resp: 240851
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.3 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 50.81 ng m
RT: 19.77 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF087354.D
Acq: 25 May 2016 00:16

Tgt Ion:252 Resp: 779532
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: 61.75 ng

RT: 19.81 min Scan# 1594

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

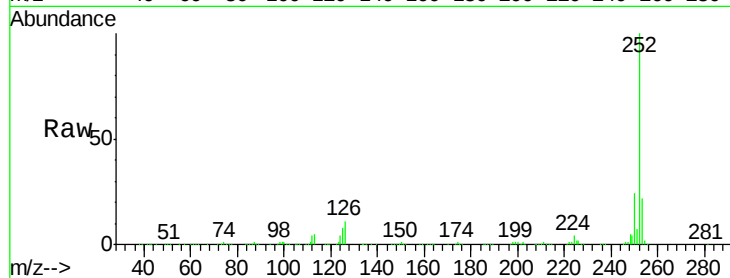
Tot Ion:252 Resp: 815409

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

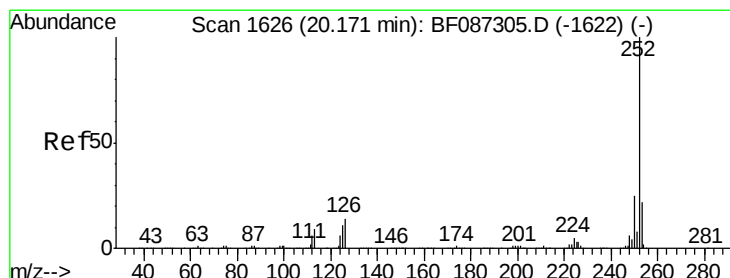
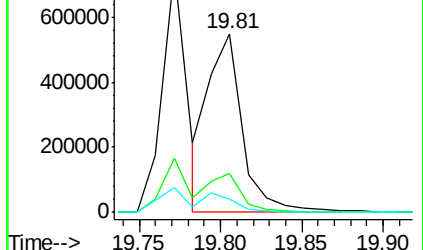
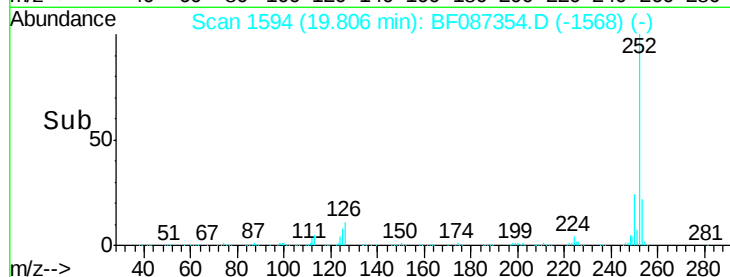
125 7.6 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 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

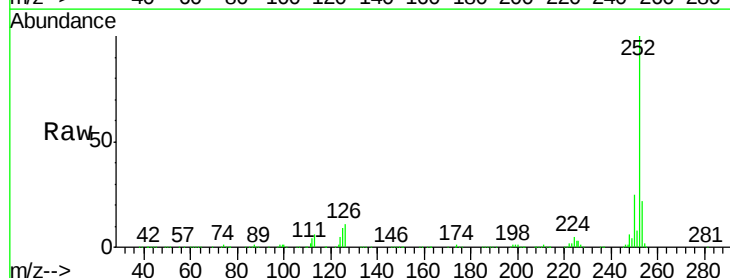
Tgt Ion:252 Resp: 738777

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

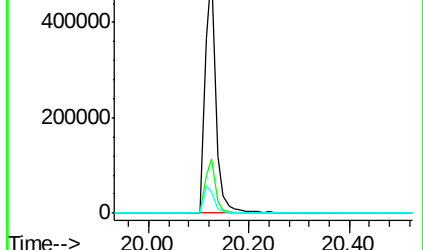
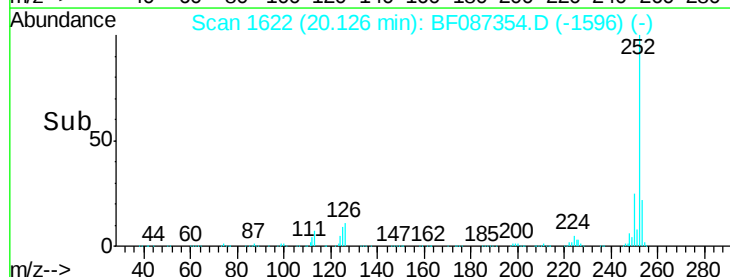
125 8.7 9.0 13.6#

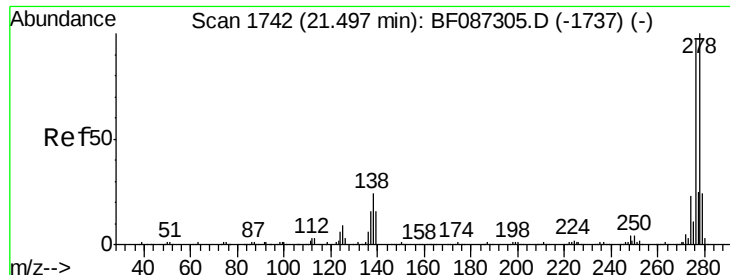


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MS

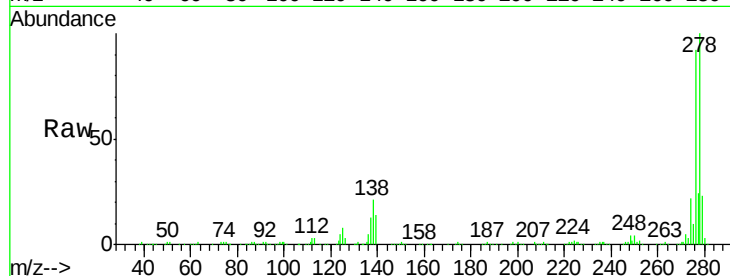
Tot Ion:278 Resp: 613350

Ion Ratio Lower Upper

278 100

139 14.0 16.6 24.8#

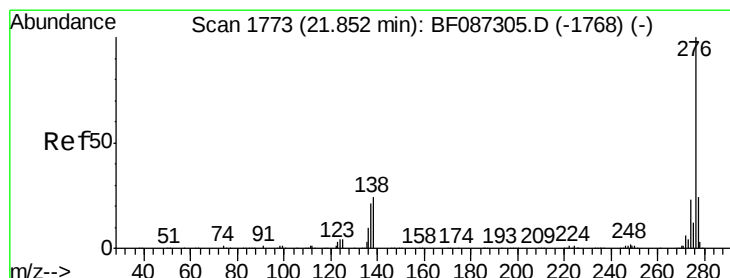
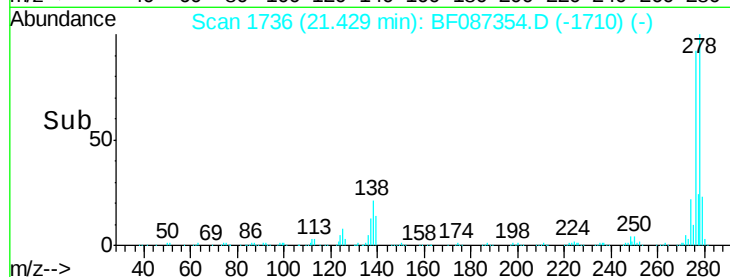
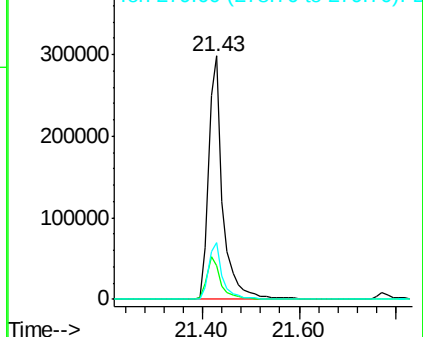
279 23.2 19.6 29.4



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

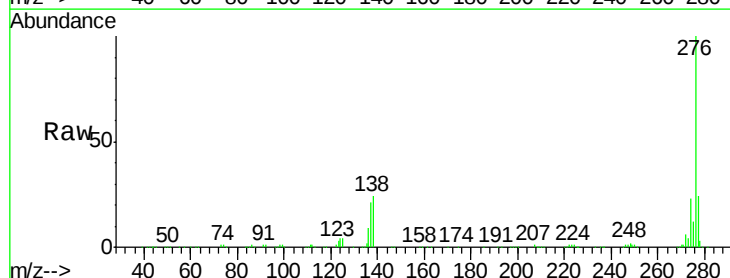
Tgt Ion:276 Resp: 599646

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

