

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087355.D
 Acq On : 25 May 2016 00:49
 Operator : UM/SJ
 Sample : H3191-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 25 15:52:33 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	7.56	152	118313	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	476469	20.00	ng	-0.01
38) Acenaphthene-d10	12.42	164	233267	20.00	ng	0.00
63) Phenanthrene-d10	14.82	188	454212	20.00	ng	0.00
75) Chrysene-d12	18.51	240	362769	20.00	ng	0.00
86) Perylene-d12	20.18	264	256777	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	925612	137.47	ng	0.03
7) Phenol-d6	7.11	99	1158990	127.39	ng	0.00
23) Nitrobenzene-d5	8.48	82	917177	97.01	ng	-0.01
41) 2,4,6-Tribromophenol	13.73	330	346320	154.49	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1519907	91.86	ng	-0.01
78) Terphenyl-d14	17.17	244	1541348	90.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	125897	35.44	ng	# 70
3) Pyridine	2.67	79	214864m	27.66	ng	
4) n-Nitrosodimethylamine	2.58	42	265244	44.32	ng	# 48
6) Aniline	7.08	93	171019	14.53	ng	92
8) 2-Chlorophenol	7.24	128	387858	46.19	ng	91
9) Benzaldehyde	6.92	77	27963	5.57	ng	95
10) Phenol	7.13	94	447248	45.02	ng	79
11) bis(2-Chloroethyl)ether	7.21	93	399154	49.64	ng	89
12) 1,3-Dichlorobenzene	7.46	146	370417	40.44	ng	# 96
13) 1,4-Dichlorobenzene	7.59	146	383445	40.78	ng	95
14) 1,2-Dichlorobenzene	7.82	146	362710	41.70	ng	97
15) Benzyl Alcohol	7.86	79	366456	55.25	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.06	45	756253	41.80	ng	93
17) 2-Methylphenol	8.07	107	311048	46.22	ng	# 82
18) Hexachloroethane	8.33	117	139127	39.66	ng	99
19) n-Nitroso-di-n-propylamine	8.28	70	333820	49.20	ng	# 75
20) 3+4-Methylphenols	8.33	107	404232	49.69	ng	# 60
22) Acetophenone	8.25	105	578853	50.85	ng	# 97
24) Nitrobenzene	8.50	77	457437	45.84	ng	97
25) Isophorone	8.90	82	822040	48.48	ng	99
26) 2-Nitrophenol	9.00	139	202779	49.71	ng	# 66
27) 2,4-Dimethylphenol	9.15	122	355961	50.27	ng	88
28) bis(2-Chloroethoxy)methane	9.28	93	482715	50.54	ng	99
29) 2,4-Dichlorophenol	9.43	162	324245	50.81	ng	98
30) 1,2,4-Trichlorobenzene	9.51	180	331681	45.40	ng	96
31) Naphthalene	9.62	128	1151083	48.21	ng	99
32) Benzoic acid	9.48	122	167286	46.13	ng	# 80
33) 4-Chloroaniline	9.79	127	95730	10.89	ng	# 92
34) Hexachlorobutadiene	9.84	225	188259	42.39	ng	99
35) Caprolactam	10.41	113	83775m	44.98	ng	
36) 4-Chloro-3-methylphenol	10.64	107	380597	52.75	ng	93
37) 2-Methylnaphthalene	10.75	142	745462	49.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	328810	44.04	ng	99
40) Hexachlorocyclopentadiene	10.99	237	248117	80.66	ng	96

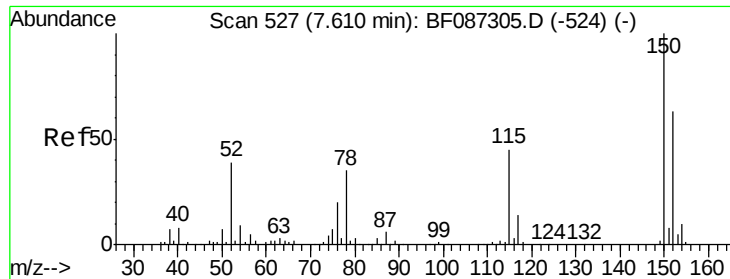
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	212009	49.19	nq	93
43) 2,4,5-Trichlorophenol	11.34	196	216256	49.27	nq	# 93
45) 1,1'-Biphenyl	11.52	154	908710	46.27	nq	96
46) 2-Chloronaphthalene	11.53	162	687691	45.77	nq	# 91
47) 2-Nitroaniline	11.75	65	283234	52.32	nq	# 76
48) Acenaphthylene	12.19	152	1124037	47.25	nq	99
49) Dimethylphthalate	12.08	163	899970	48.16	nq	100
50) 2,6-Dinitrotoluene	12.17	165	192551	51.14	nq	# 90
51) Acenaphthene	12.48	154	693837	47.46	nq	97
52) 3-Nitroaniline	12.43	138	83118	21.51	nq	# 83
53) 2,4-Dinitrophenol	12.63	184	185016	94.70	nq	# 79
54) Dibenzofuran	12.76	168	1024656	51.76	nq	96
55) 4-Nitrophenol	12.81	139	187677	101.81	nq	# 53
56) 2,4-Dinitrotoluene	12.83	165	263312	52.32	nq	89
57) Fluorene	13.31	166	833512	48.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.99	232	195317	57.85	nq	98
59) Diethylphthalate	13.23	149	901061	49.60	nq	97
60) 4-Chlorophenyl-phenylether	13.35	204	393900	47.06	nq	87
61) 4-Nitroaniline	13.44	138	173805	48.19	nq	# 65
62) Azobenzene	13.60	77	1033294	54.82	nq	86
64) 4,6-Dinitro-2-methylphenol	13.50	198	136692	47.33	nq	# 74
65) n-Nitrosodiphenylamine	13.57	169	715751	48.73	nq	100
66) 4-Bromophenyl-phenylether	14.13	248	228451	45.98	nq	94
67) Hexachlorobenzene	14.21	284	245017	47.14	nq	# 88
68) Atrazine	14.48	200	197349	42.15	nq	94
69) Pentachlorophenol	14.56	266	196368	118.37	nq	97
70) Phenanthrene	14.87	178	1236047	49.13	nq	100
71) Anthracene	14.95	178	1219955	48.00	nq	99
72) Carbazole	15.23	167	1067928	49.26	nq	98
73) Di-n-butylphthalate	15.81	149	1365844	48.72	nq	# 98
74) Fluoranthene	16.62	202	1212409	48.06	nq	96
76) Benzidine	16.87	184	30738	3.29	nq	98
77) Pyrene	16.93	202	1247010	47.75	nq	100
79) Butylbenzylphthalate	17.83	149	545662	47.12	nq	# 69
80) Benzo(a)anthracene	18.50	228	997158	48.32	nq	99
81) 3,3'-Dichlorobenzidine	18.49	252	126897	11.13	nq	98
82) Chrysene	18.55	228	995500	48.61	nq	100
83) Bis(2-ethylhexyl)phthalate	18.57	149	759149	44.93	nq	# 95
84) Di-n-octyl phthalate	19.35	149	1223533	47.48	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.42	276	705673	42.98	nq	95
87) Benzo(b)fluoranthene	19.77	252	758468m	46.37	nq	
88) Benzo(k)fluoranthene	19.81	252	818338m	58.13	nq	
89) Benzo(a)pyrene	20.13	252	733298	51.84	nq	98
90) Dibenzo(a,h)anthracene	21.43	278	595925	49.39	nq	# 92
91) Benzo(g,h,i)perylene	21.77	276	589798	49.54	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF087355.D

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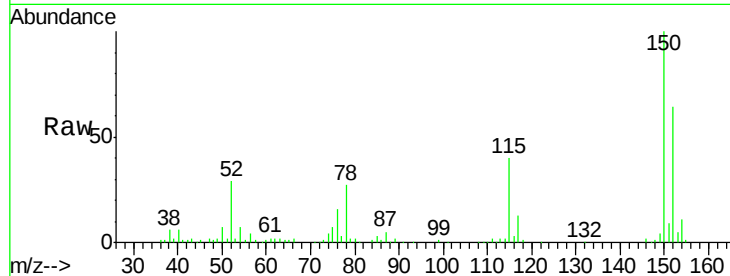
Tot Ion:152 Resp: 118313

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

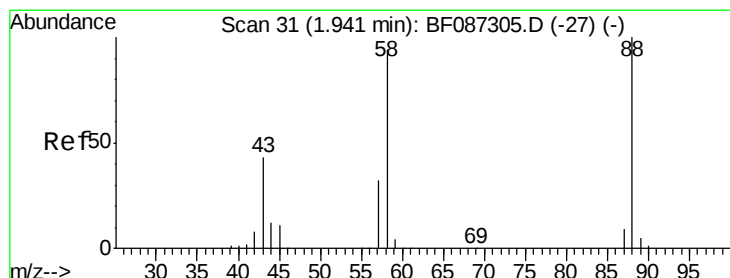
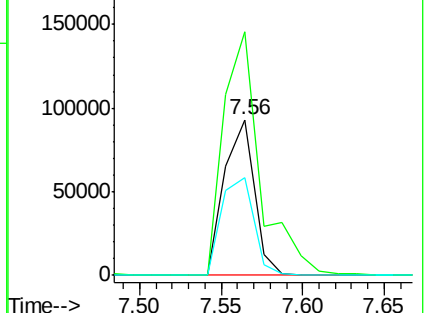
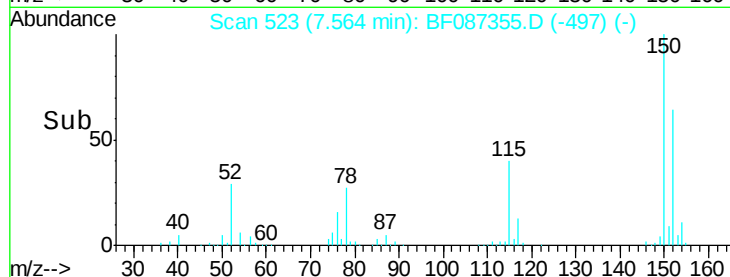
115 62.6 51.5 77.3



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: 35.44 ng

RT: 2.07 min Scan# 42

Delta R.T. 0.21 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

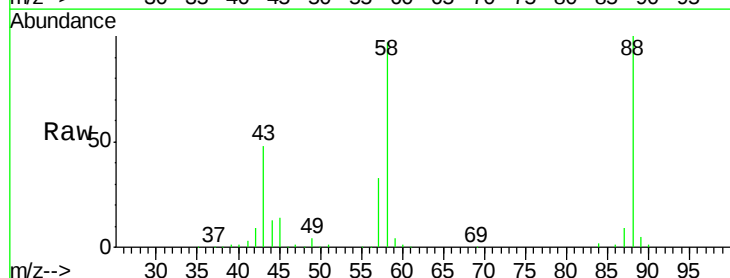
Tgt Ion: 88 Resp: 125897

Ion Ratio Lower Upper

88 100

58 93.4 59.6 89.4#

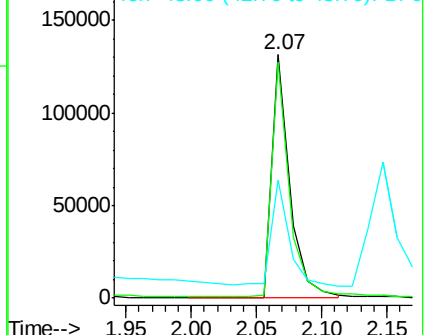
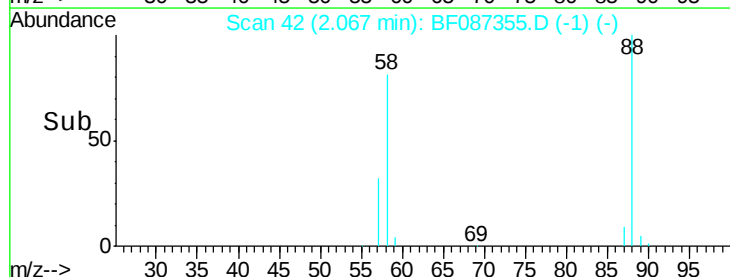
43 0.0 21.8 32.6#



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

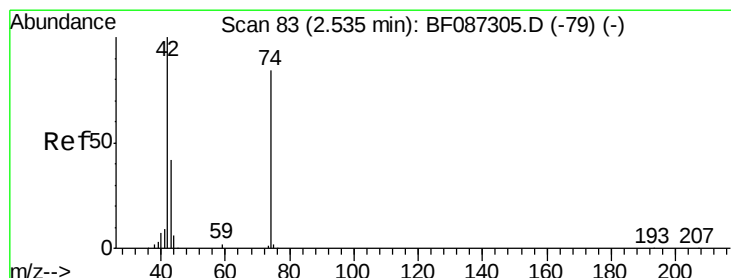
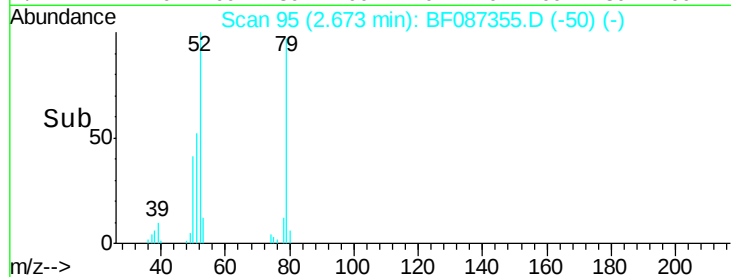
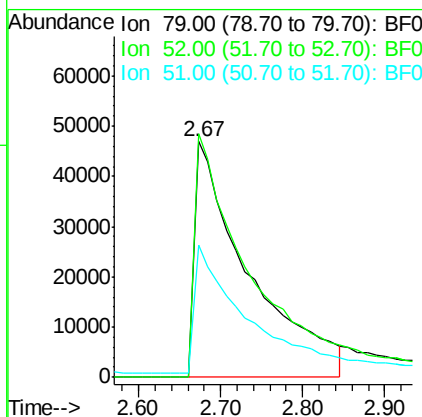
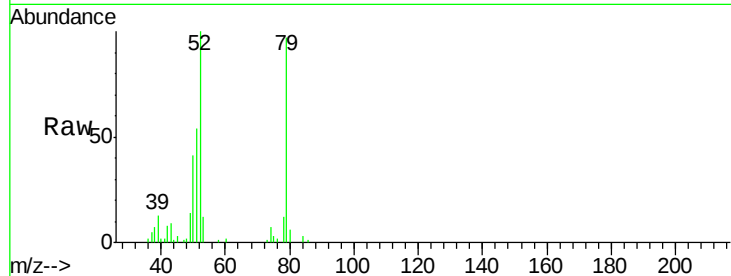




#3
 Pvridine
 Concen: 27.66 ng/ml
 RT: 2.67 min Scan# 95
 Delta R.T. 0.22 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

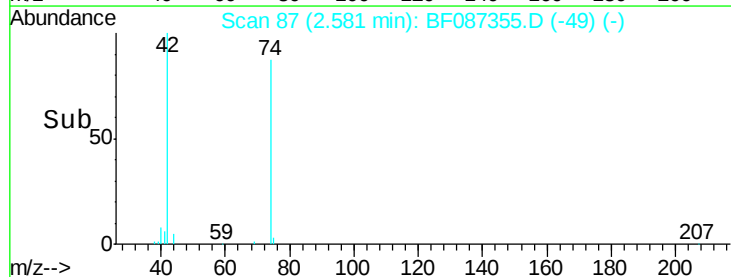
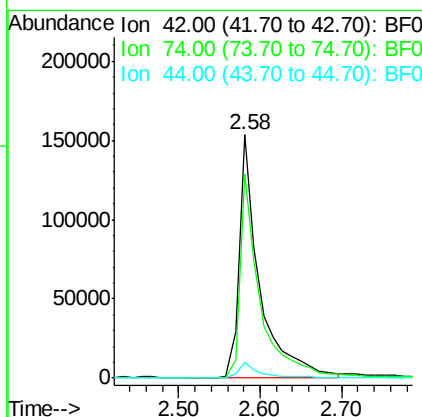
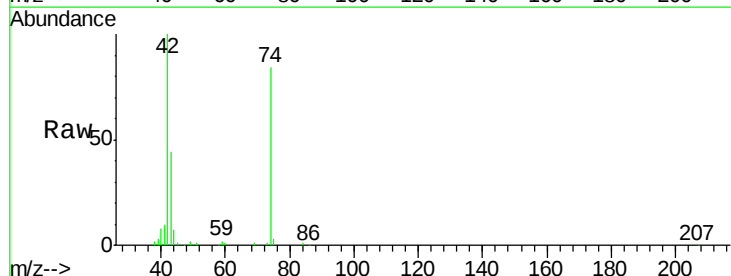
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

Tot Ion: 79 Resp: 214864
 Ion Ratio Lower Upper
 79 100
 52 103.3 55.9 83.9#
 51 56.1 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 44.32 ng/ml
 RT: 2.58 min Scan# 87
 Delta R.T. 0.14 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion: 42 Resp: 265244
 Ion Ratio Lower Upper
 42 100
 74 83.9 123.4 185.0#
 44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 137.47 ng

RT: 5.50 min Scan# 342

Delta R.T. 0.03 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

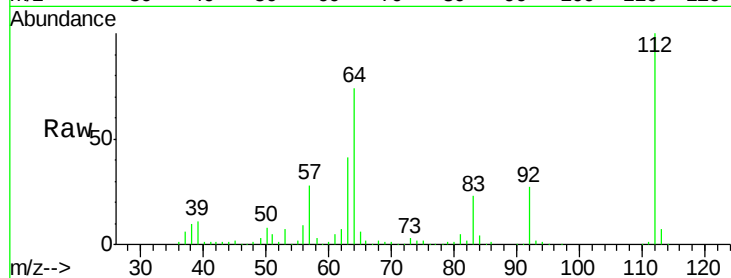
Tot Ion:112 Resp: 925612

Ion Ratio Lower Upper

112 100

64 74.0 52.1 78.1

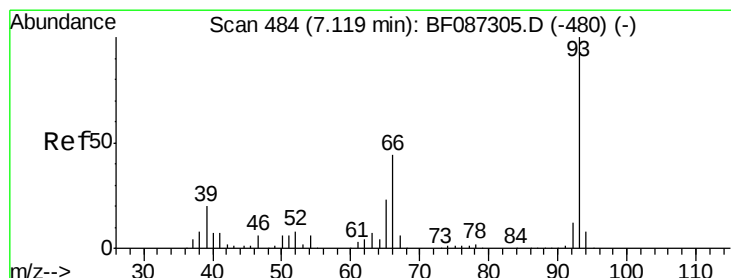
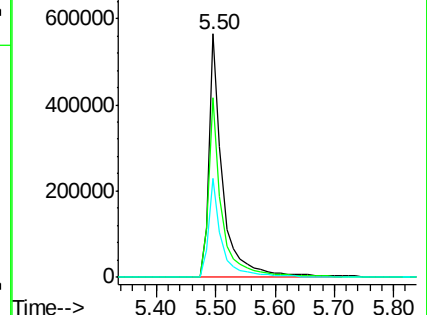
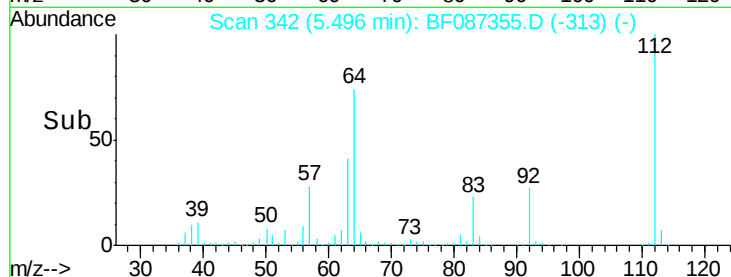
63 40.8 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.53 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.02 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

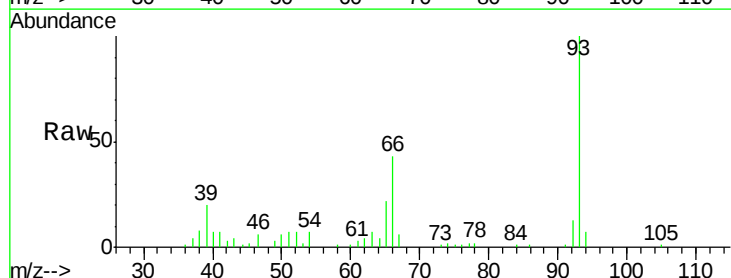
Tgt Ion: 93 Resp: 171019

Ion Ratio Lower Upper

93 100

66 42.9 39.0 58.6

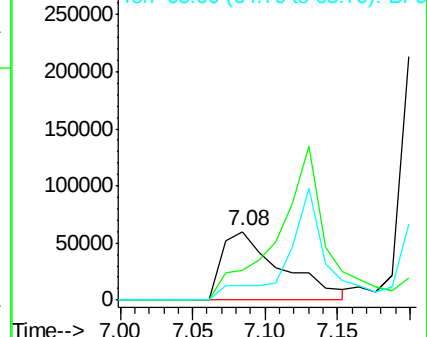
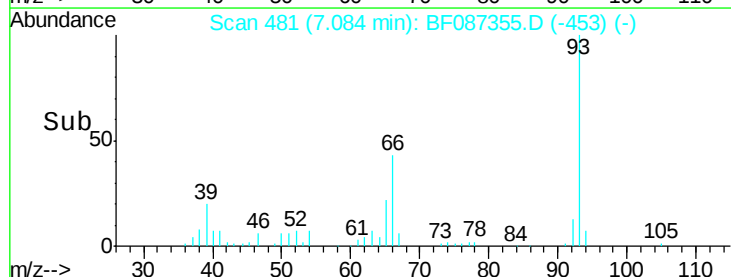
65 21.7 20.6 31.0



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: 127.39 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

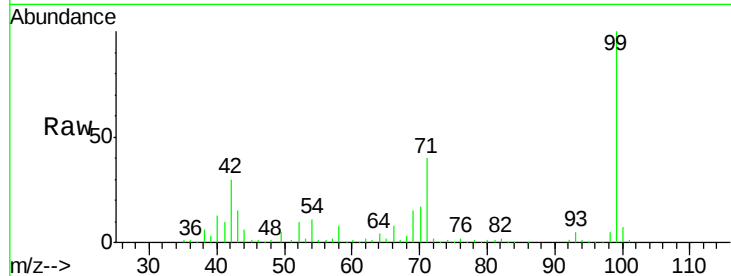
Tot Ion: 99 Resp: 1158990

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

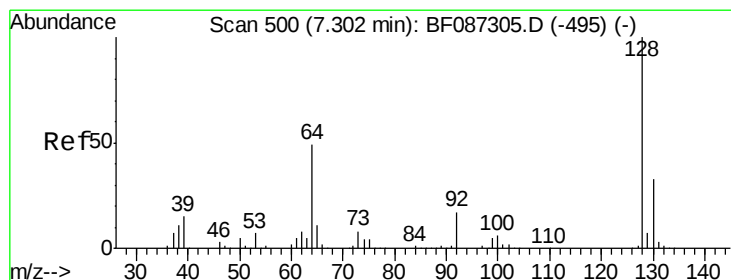
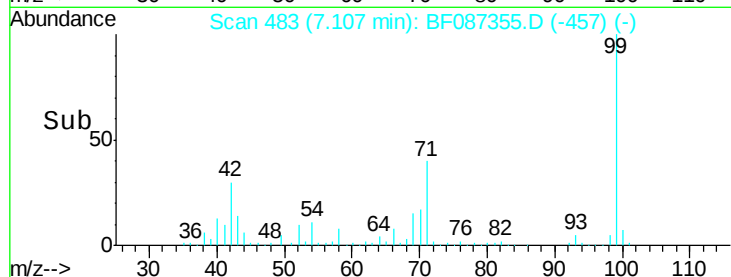
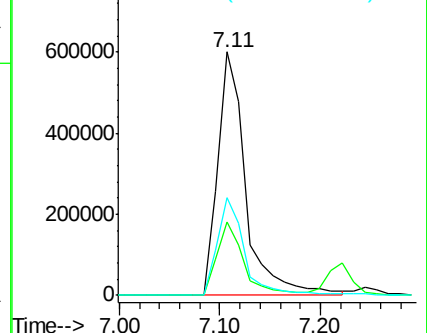
71 40.1 24.6 36.8#



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: 46.19 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

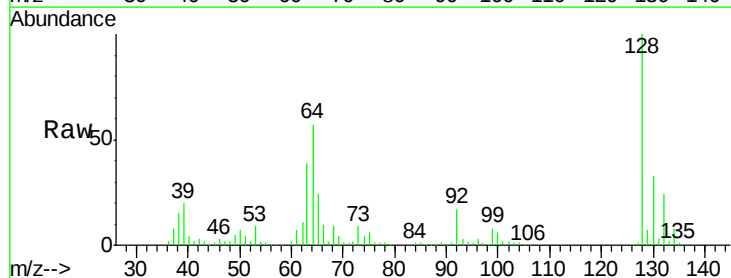
Tgt Ion: 128 Resp: 387858

Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

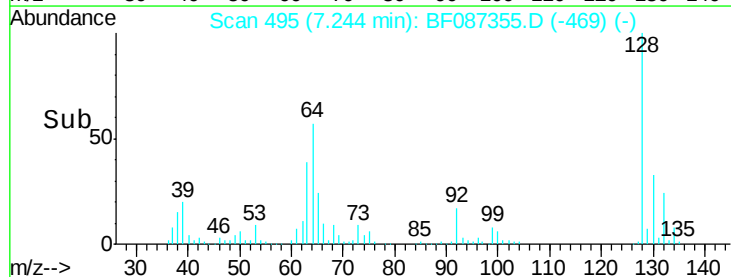
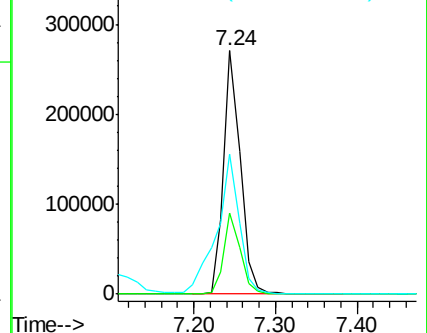
64 57.5 27.3 67.3

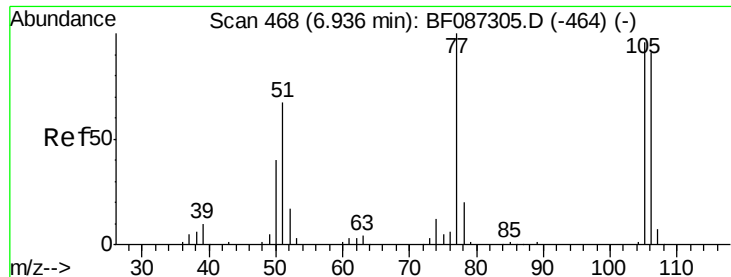


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.57 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

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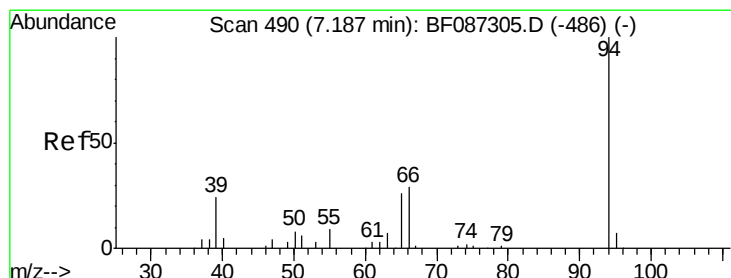
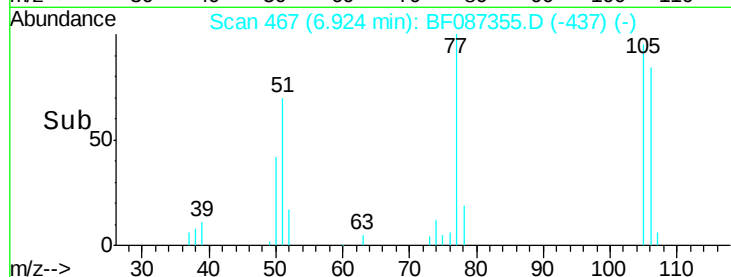
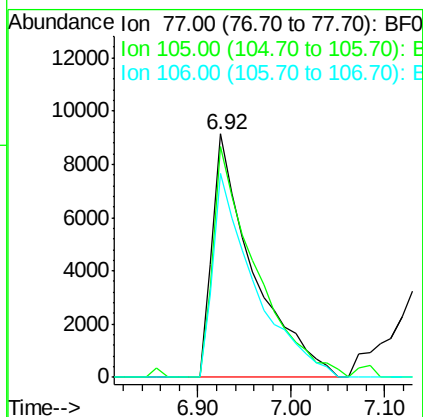
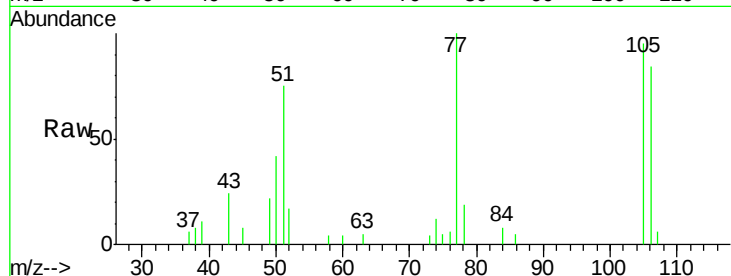
Tot Ion: 77 Resp: 27963

Ion Ratio Lower Upper

77 100

105 95.0 72.7 112.7

106 84.0 70.8 110.8



#10

Phenol

Concen: 45.02 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

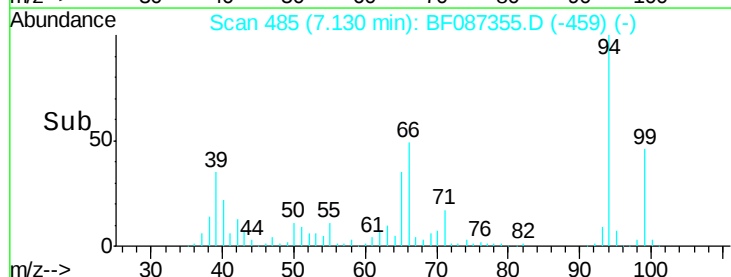
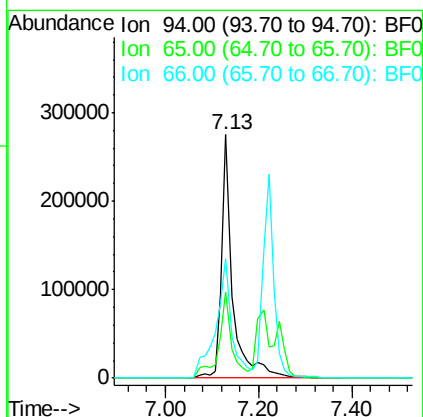
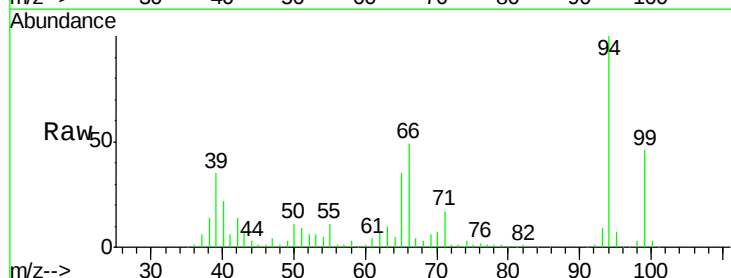
Tgt Ion: 94 Resp: 447248

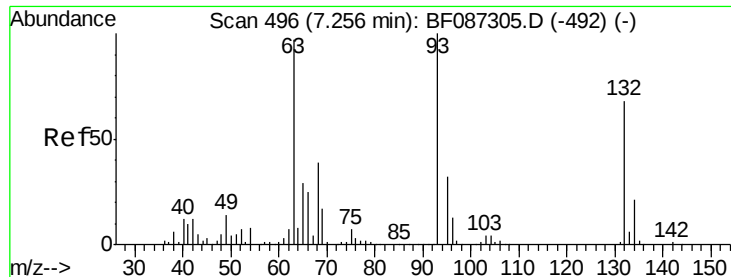
Ion Ratio Lower Upper

94 100

65 35.5 7.2 47.2

66 49.1 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 49.64 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

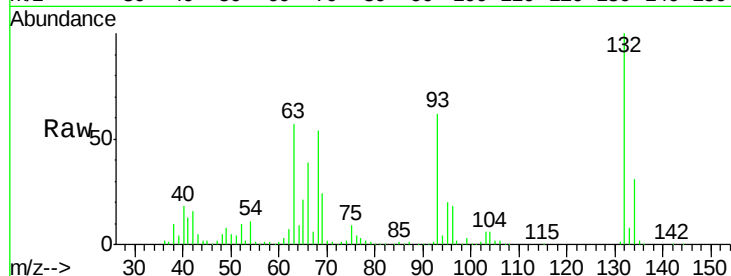
Tot Ion: 93 Resp: 399154

Ion Ratio Lower Upper

93 100

63 91.1 58.0 98.0

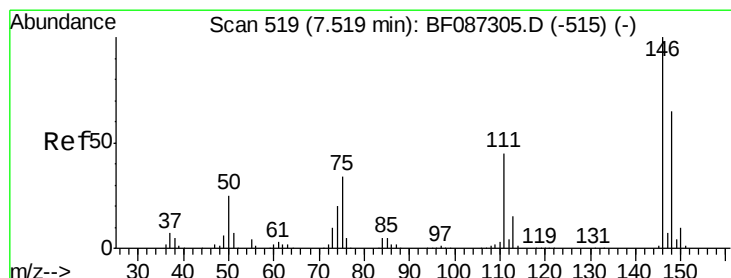
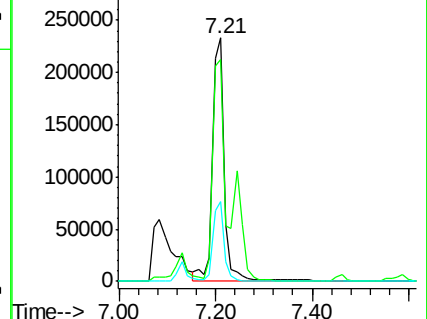
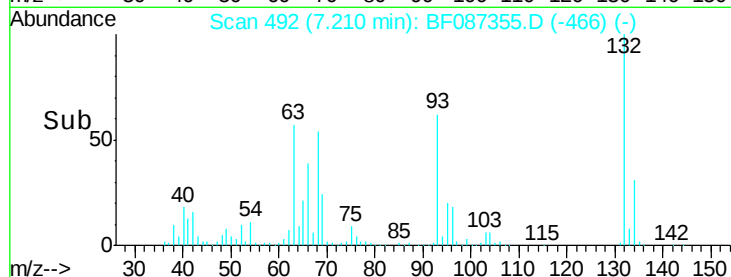
95 32.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.44 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

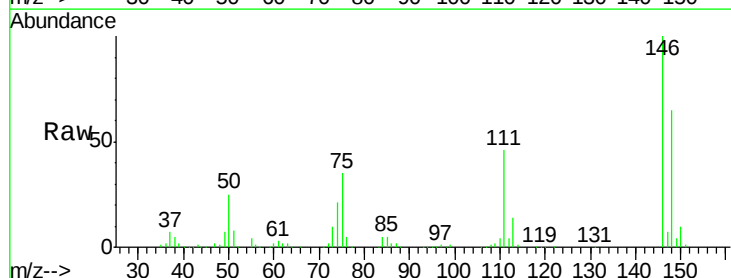
Tgt Ion: 146 Resp: 370417

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

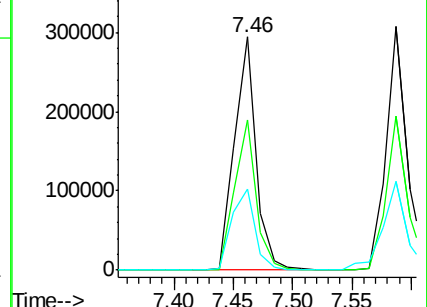
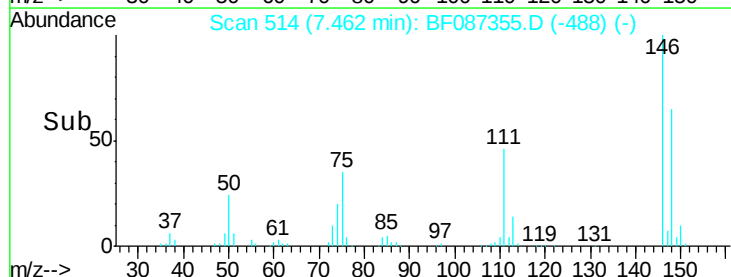
75 34.8 22.8 34.2#

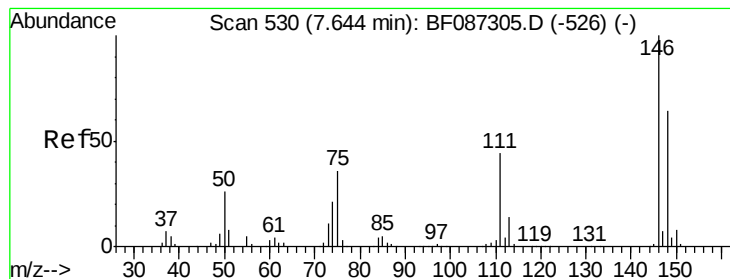


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.78 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

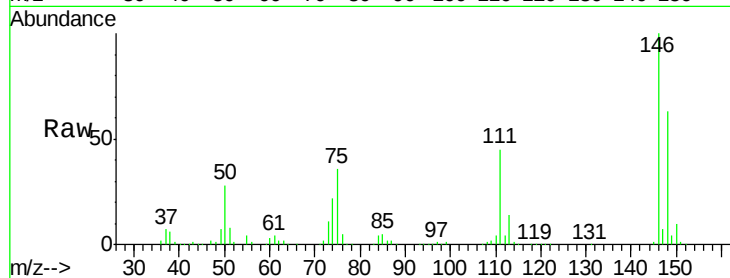
Tot Ion:146 Resp: 383445

Ion Ratio Lower Upper

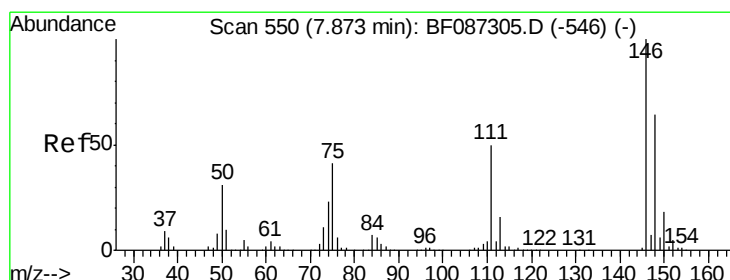
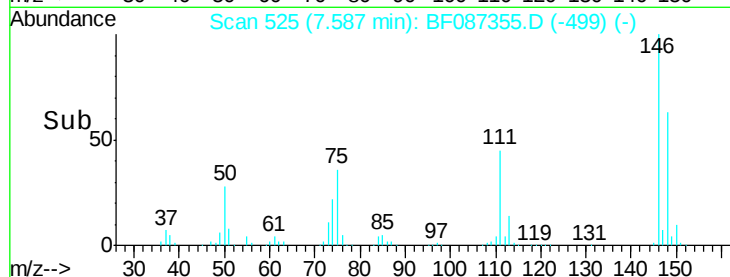
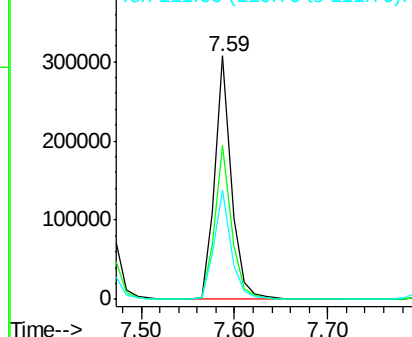
146 100

148 63.4 52.2 78.4

111 44.8 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: 41.70 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

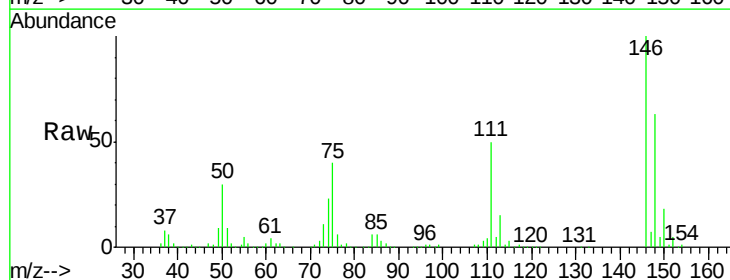
Tgt Ion:146 Resp: 362710

Ion Ratio Lower Upper

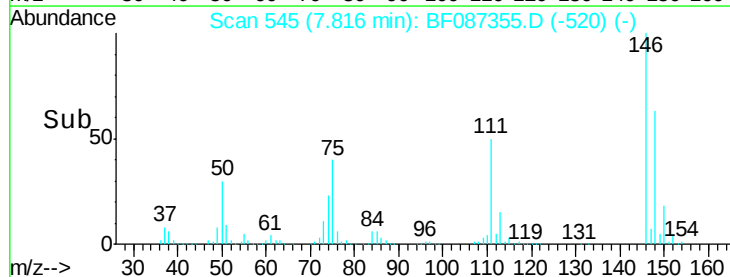
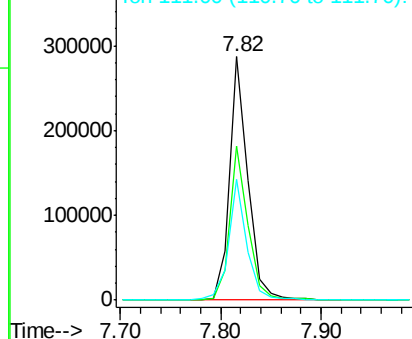
146 100

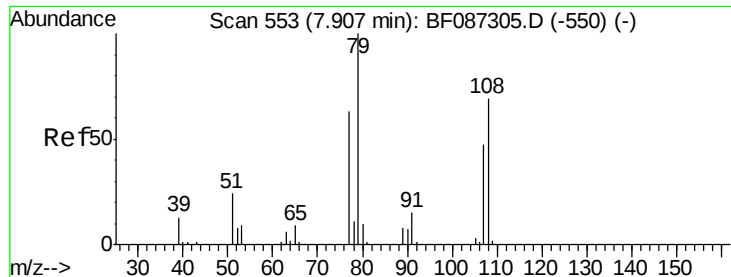
148 63.0 51.0 76.6

111 49.7 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: 55.25 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

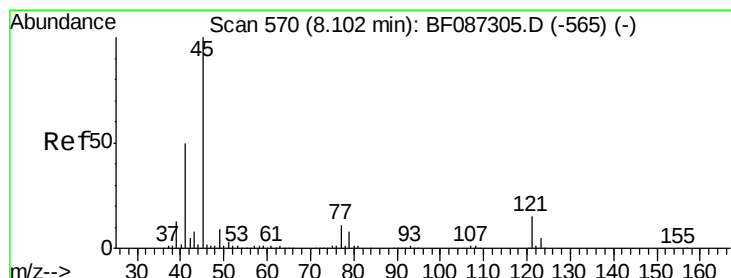
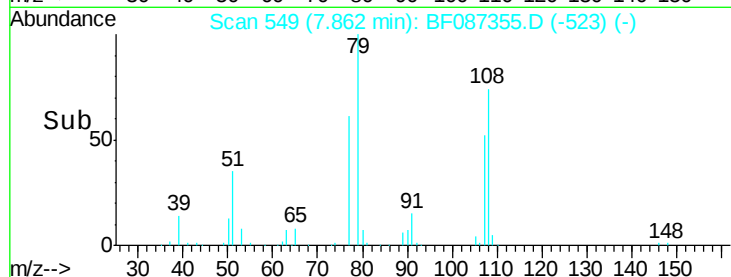
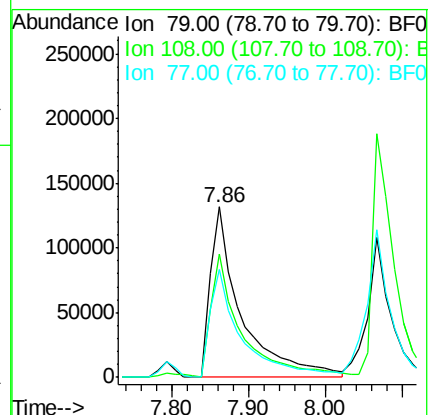
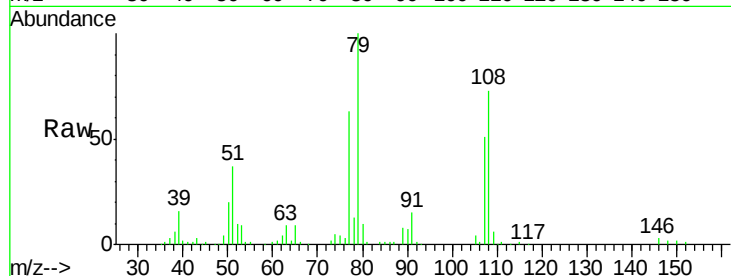
Tot Ion: 79 Resp: 366456

Ion Ratio Lower Upper

79 100

108 72.8 68.4 102.6

77 63.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.80 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

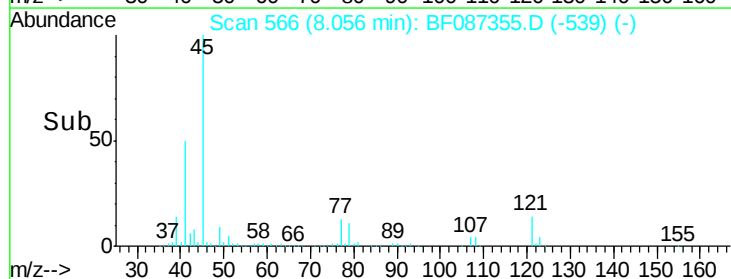
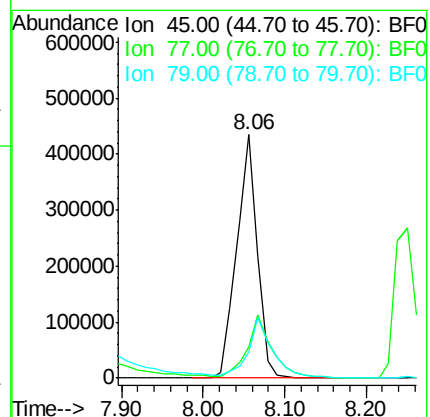
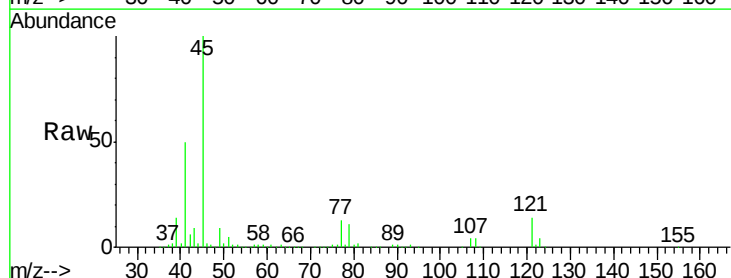
Tgt Ion: 45 Resp: 756253

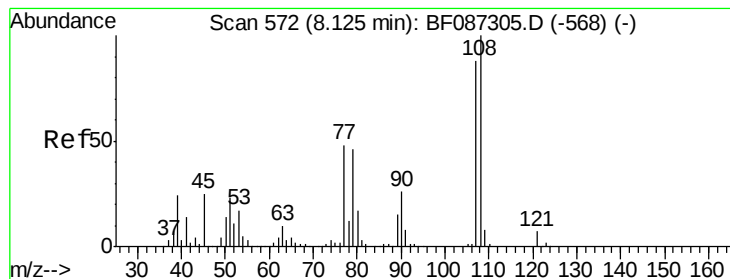
Ion Ratio Lower Upper

45 100

77 13.0 0.0 36.4

79 10.6 0.0 33.4

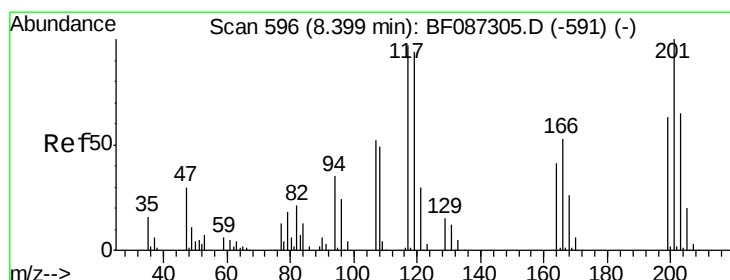
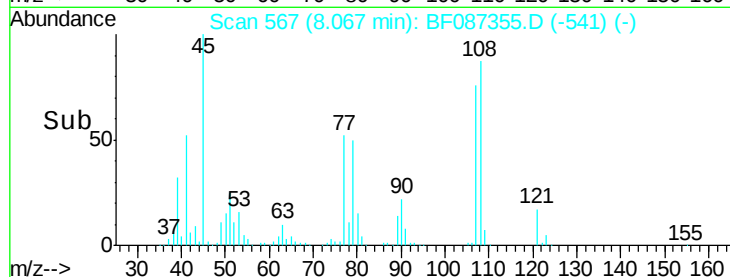
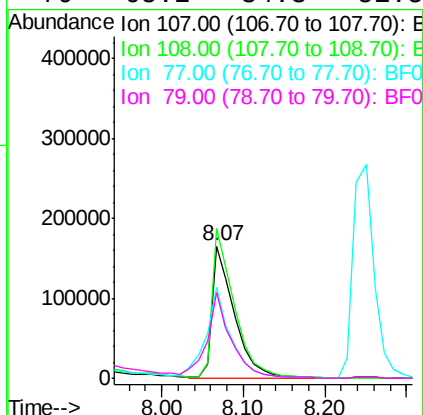
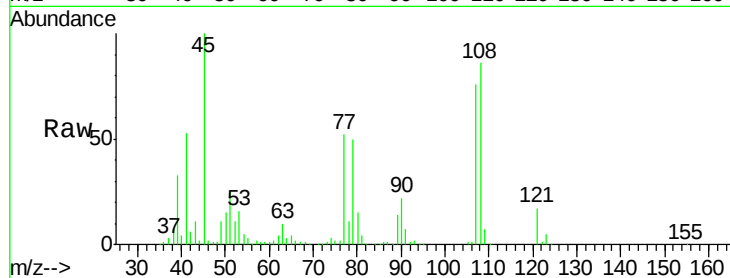




#17
2-Methylphenol
Concen: 46.22 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

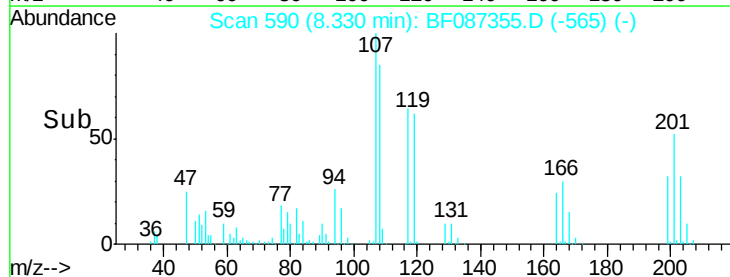
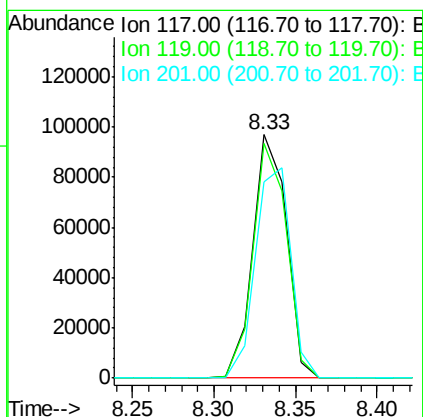
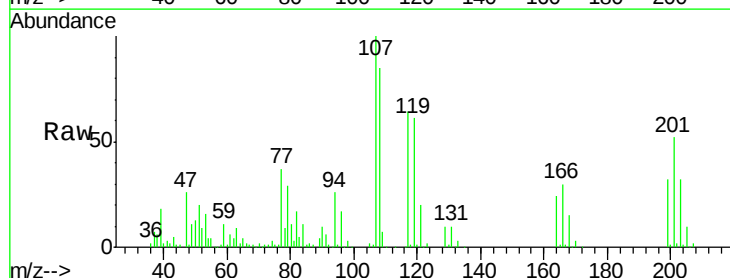
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

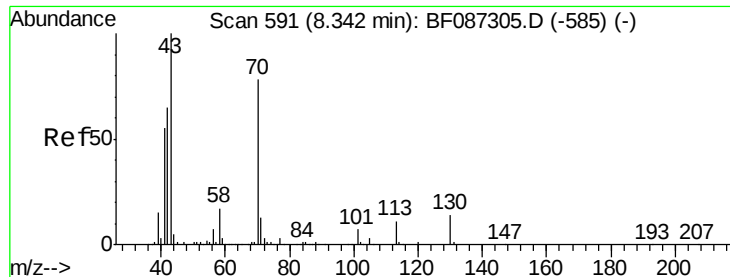
Tot Ion:107 Resp: 311048
Ion Ratio Lower Upper
107 100
108 113.9 93.7 140.5
77 68.9 33.4 50.0#
79 65.2 34.3 51.5#



#18
Hexachloroethane
Concen: 39.66 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:117 Resp: 139127
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
201 80.8 63.0 94.6

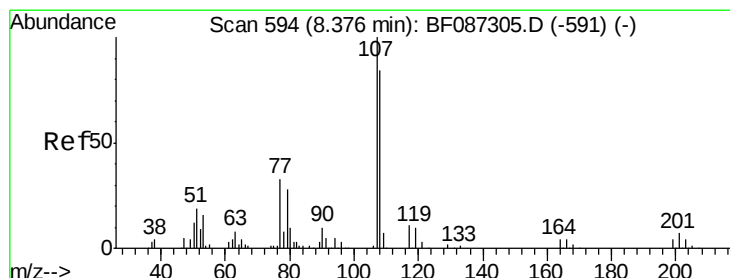
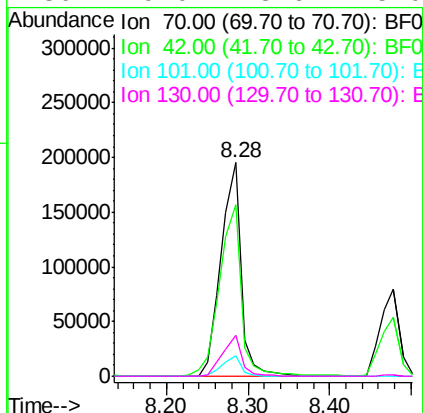
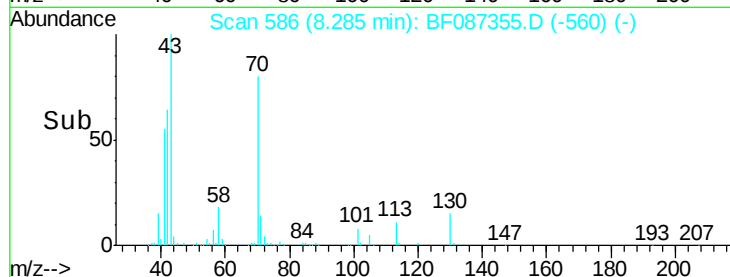
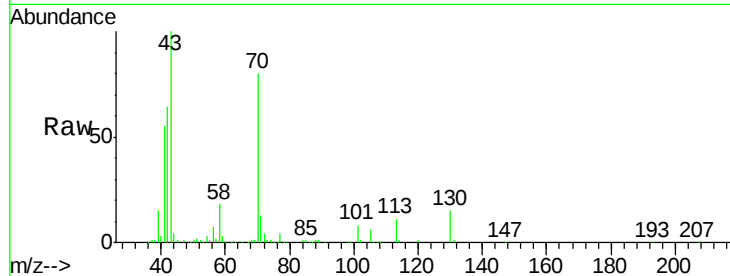




#19
n-Nitroso-di-n-propylamine
Concen: 49.20 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

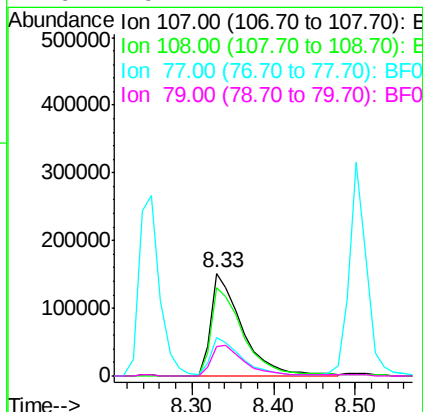
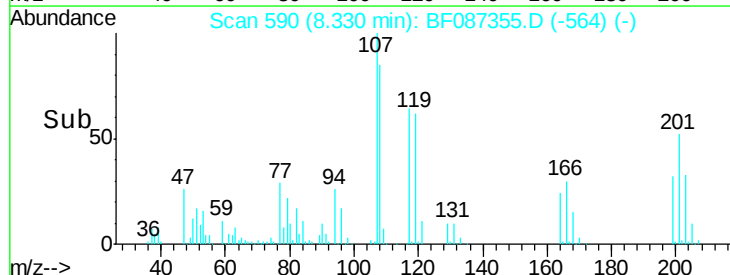
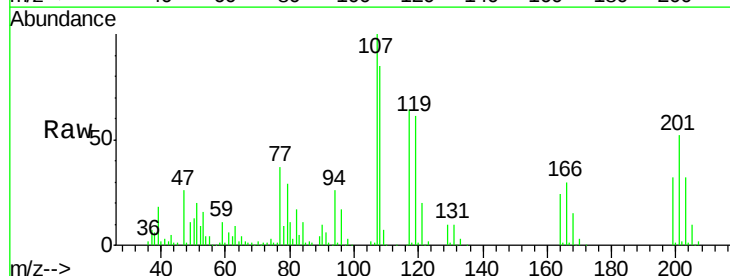
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

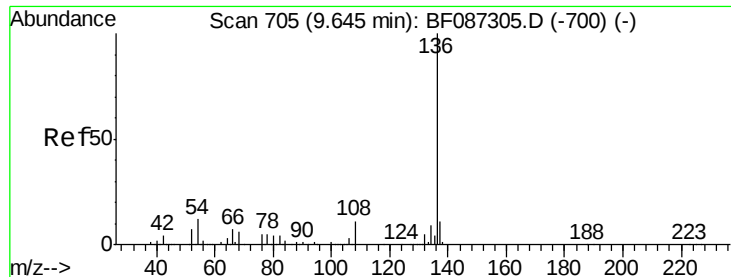
Tot Ion: 70 Resp: 333820
Ion Ratio Lower Upper
70 100
42 80.0 43.1 64.7#
101 9.5 8.1 12.1
130 19.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 49.69 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:107 Resp: 404232
Ion Ratio Lower Upper
107 100
108 85.2 68.5 108.5
77 37.4 101.6 141.6#
79 29.1 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: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

Tot Ion:136 Resp: 476469

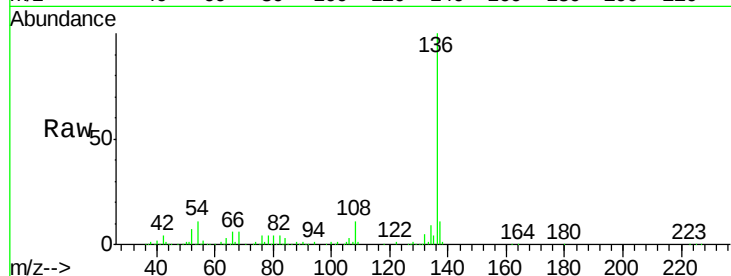
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.5 5.0 7.4#

68 5.8 4.4 6.6

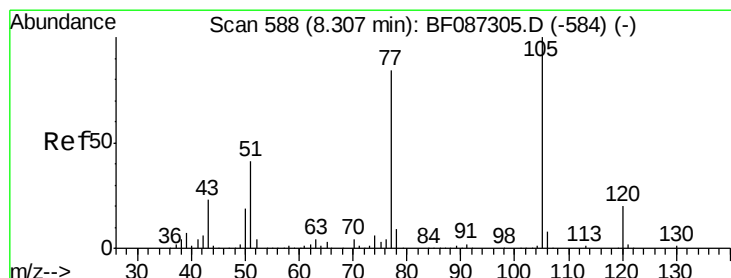
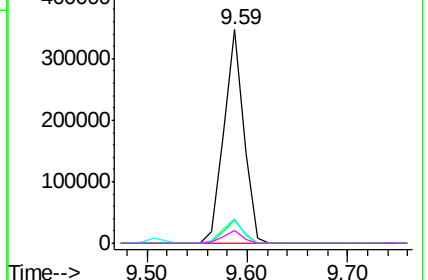
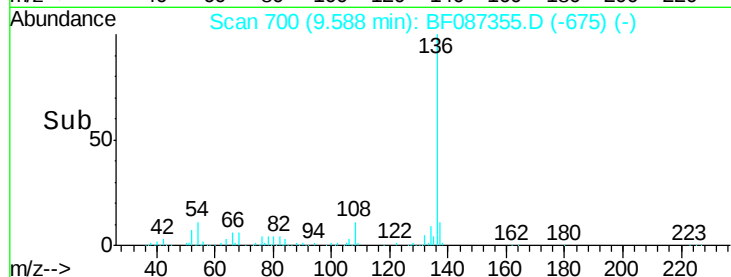


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.85 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Tgt Ion:105 Resp: 578853

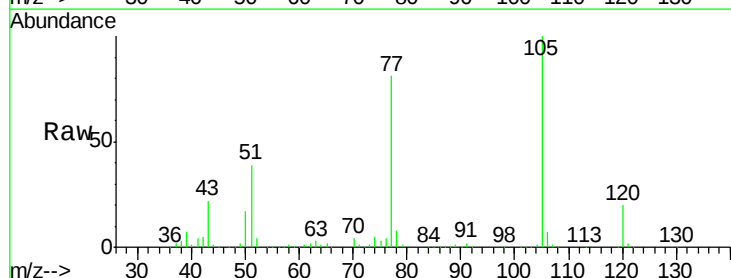
Ion Ratio Lower Upper

105 100

71 0.7 4.8 7.2#

51 39.1 32.6 49.0

120 20.2 16.5 24.7

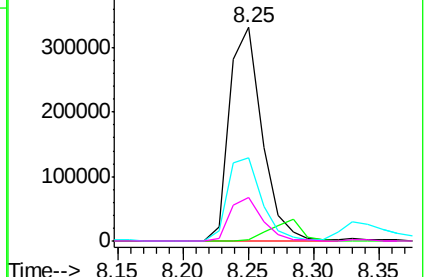
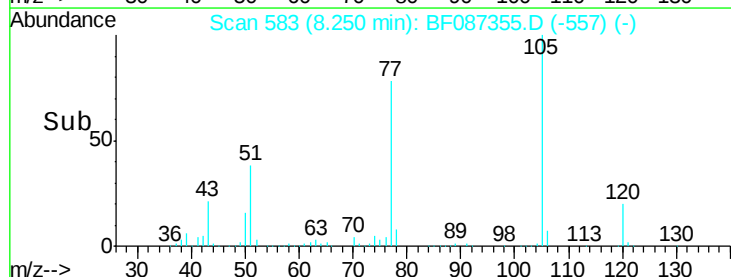


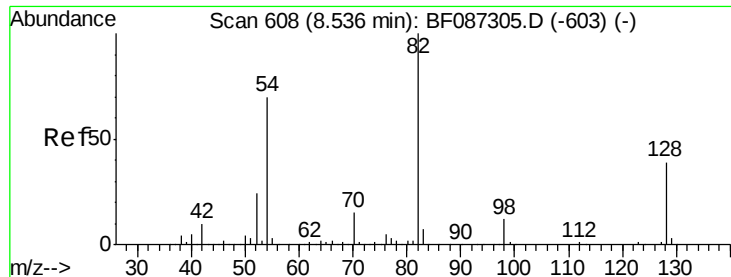
Abundance Ion 105.00 (104.70 to 105.70): E

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

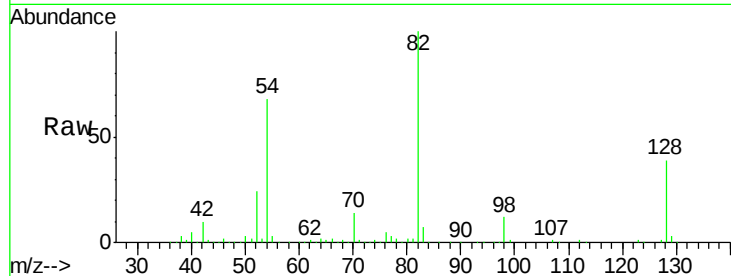




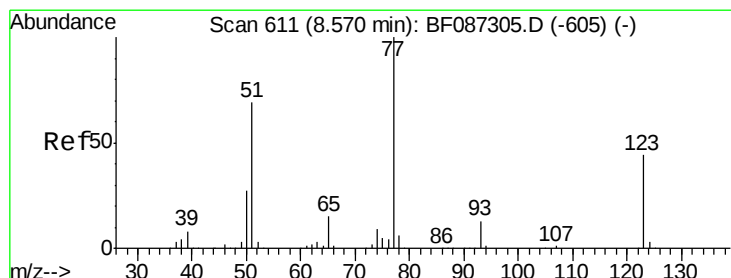
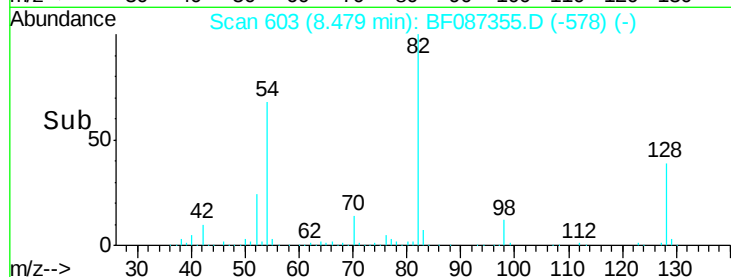
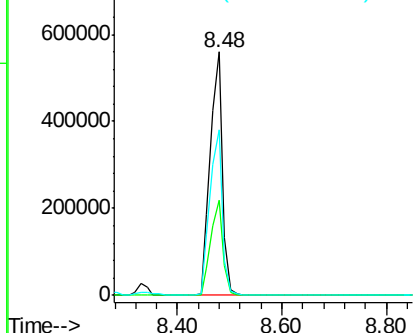
#23
 Nitrobenzene-d5
 Concen: 97.01 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion: 82 Resp: 917177
 Ion Ratio Lower Upper
 82 100
 128 39.1 40.6 61.0#
 54 68.0 38.1 57.1#

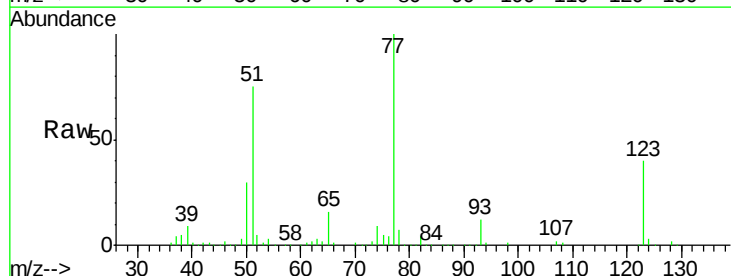


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

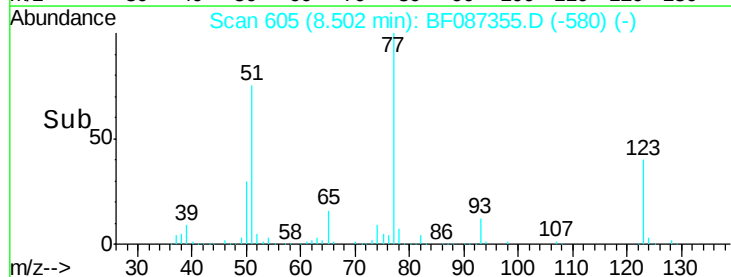
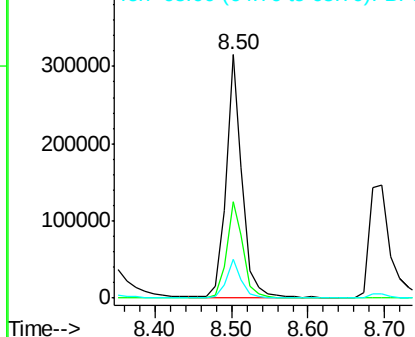


#24
 Nitrobenzene
 Concen: 45.84 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion: 77 Resp: 457437
 Ion Ratio Lower Upper
 77 100
 123 39.8 33.0 49.4
 65 15.9 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.48 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

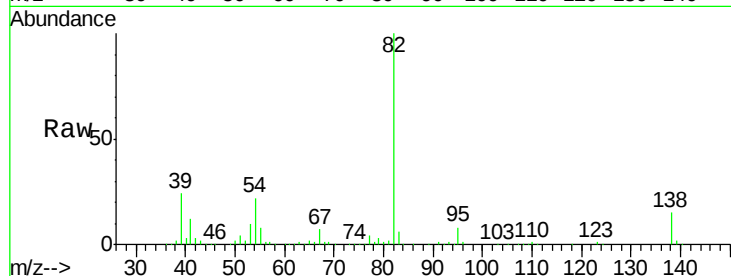
Tot Ion: 82 Resp: 822040

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

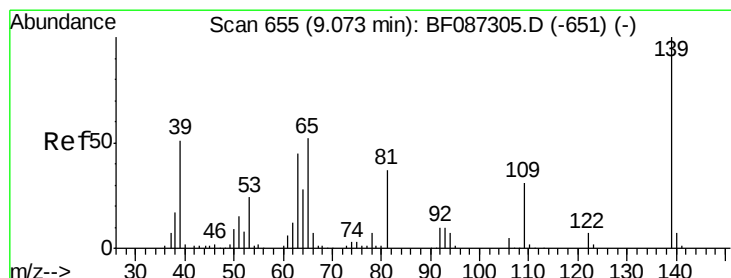
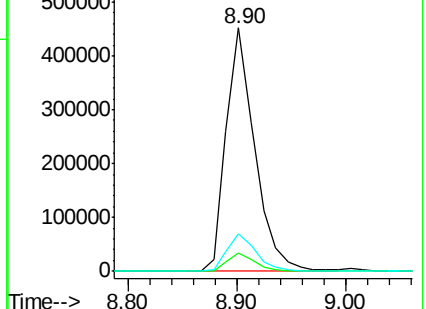
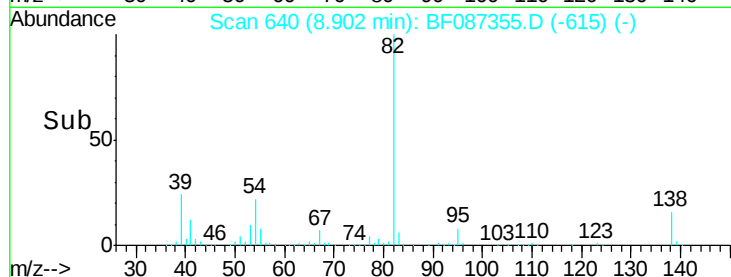
138 15.5 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.71 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

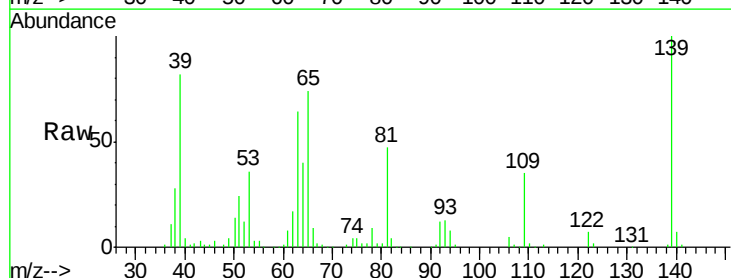
Tgt Ion: 139 Resp: 202779

Ion Ratio Lower Upper

139 100

109 35.4 19.5 29.3#

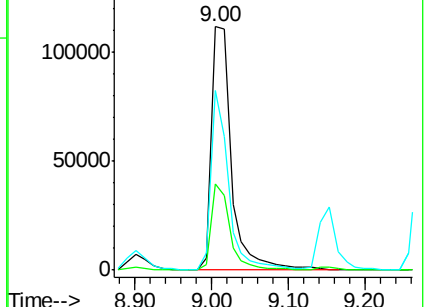
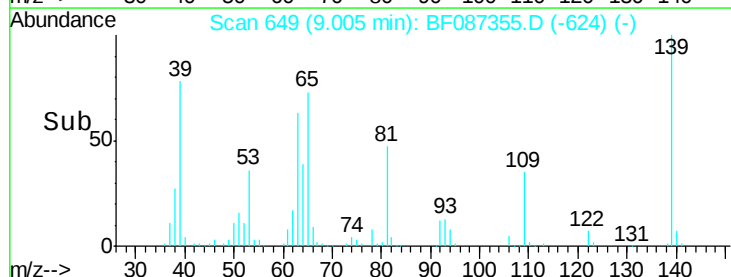
65 73.6 37.5 56.3#

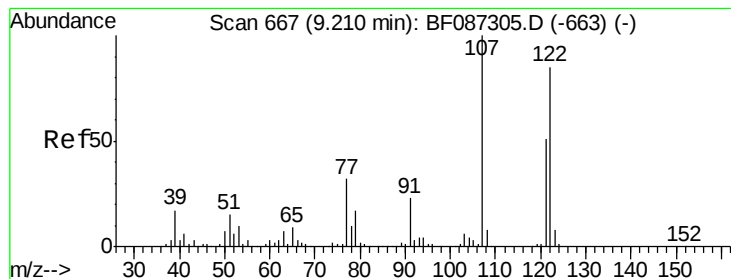


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

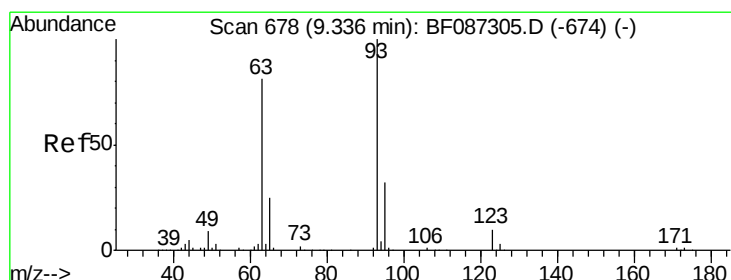
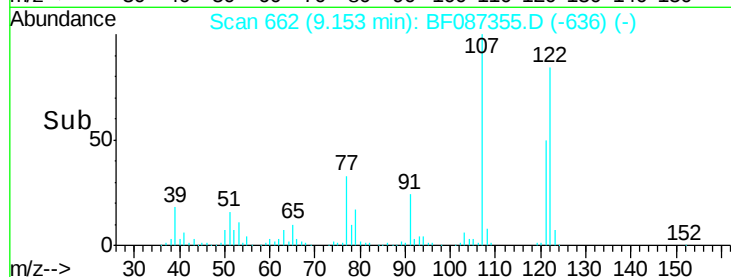
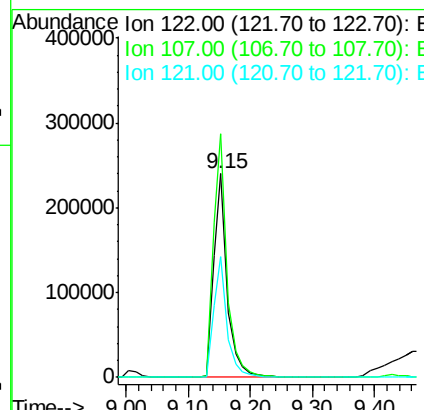
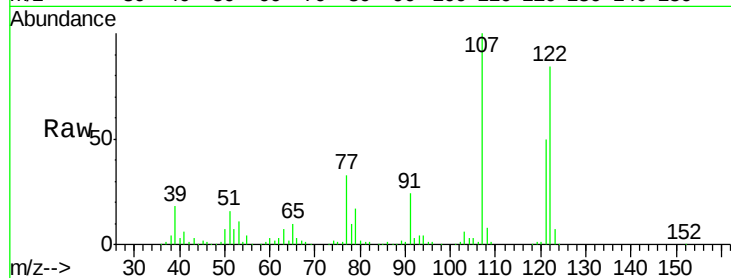




#27
 2,4-Dimethylphenol
 Concen: 50.27 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

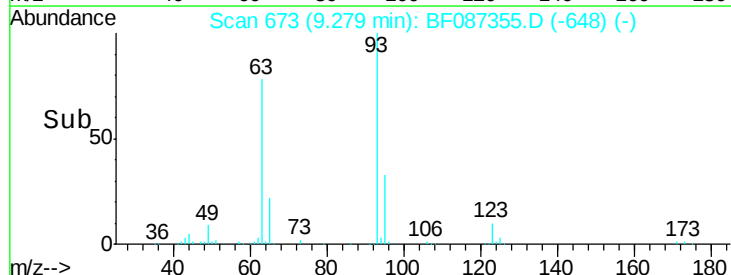
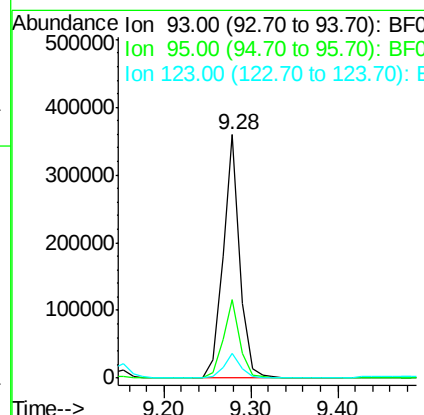
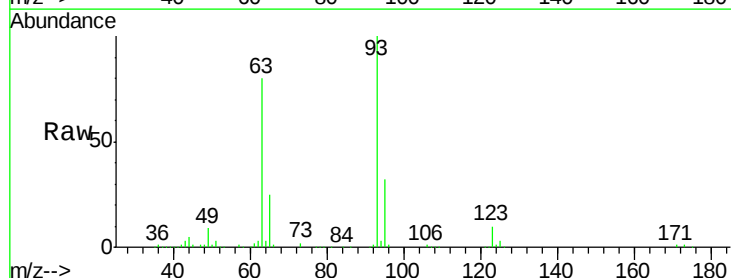
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

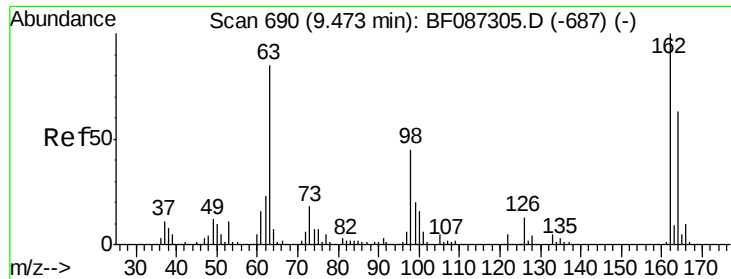
Tot Ion:122 Resp: 355961
 Ion Ratio Lower Upper
 122 100
 107 119.4 82.0 123.0
 121 59.4 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.54 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion: 93 Resp: 482715
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 9.9 9.5 14.3

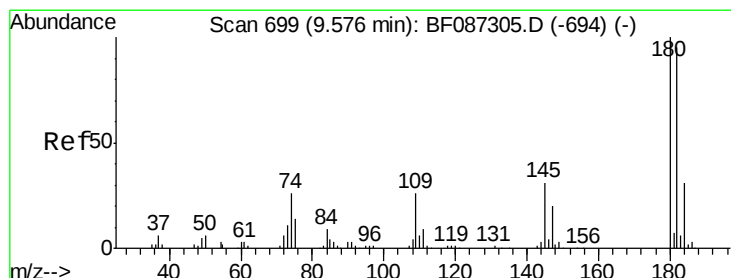
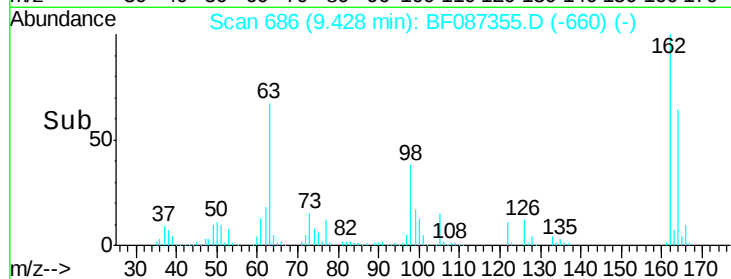
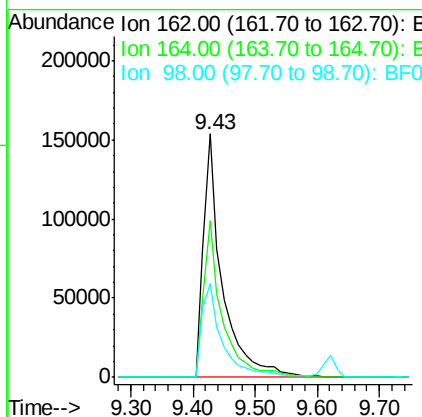
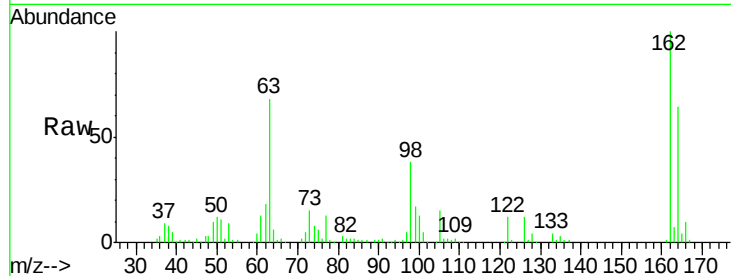




#29
 2,4-Dichlorophenol
 Concen: 50.81 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

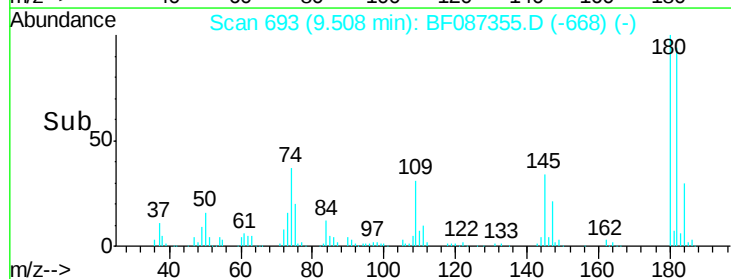
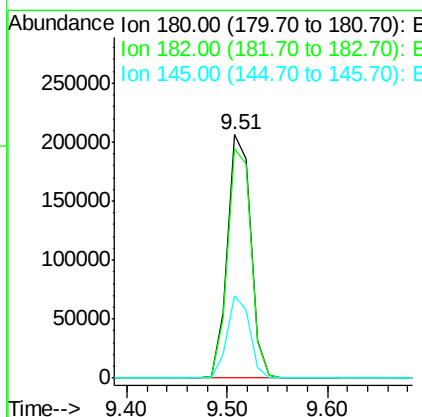
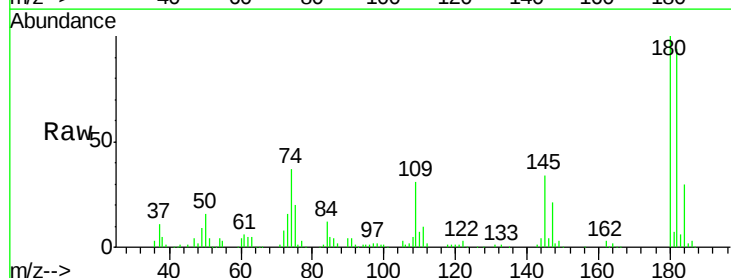
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

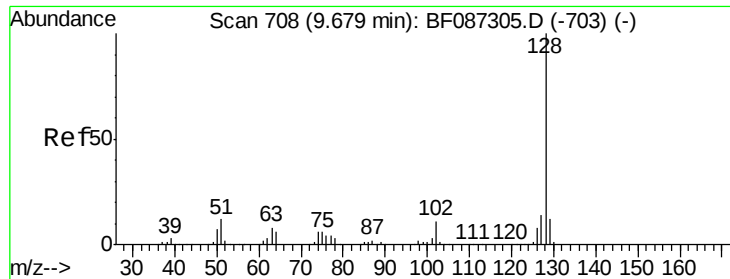
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.2	82.2
98	38.5	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.40 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.0	117.0
145	33.8	24.2	36.2

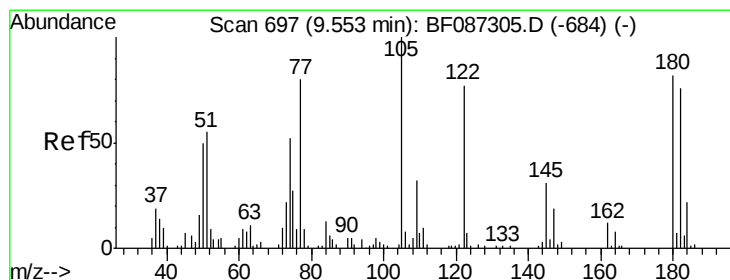
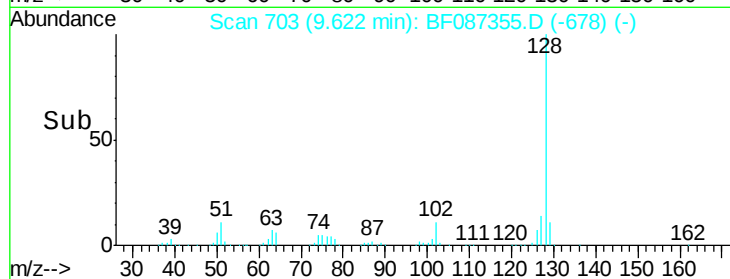
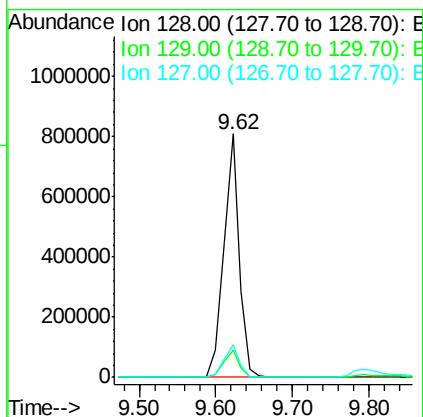
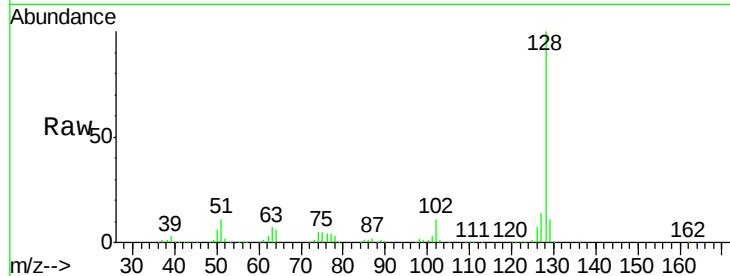




#31
Naphthalene
Concen: 48.21 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

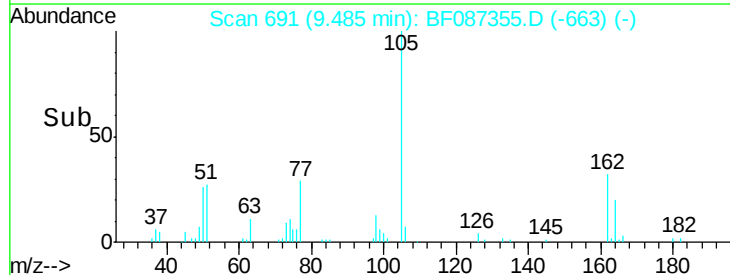
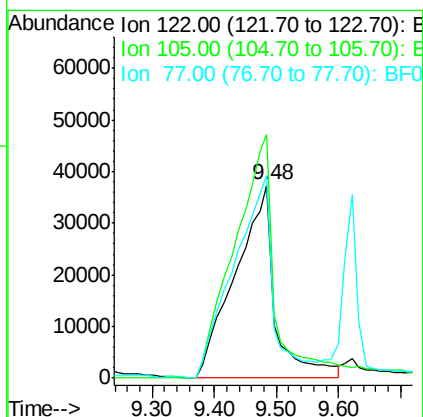
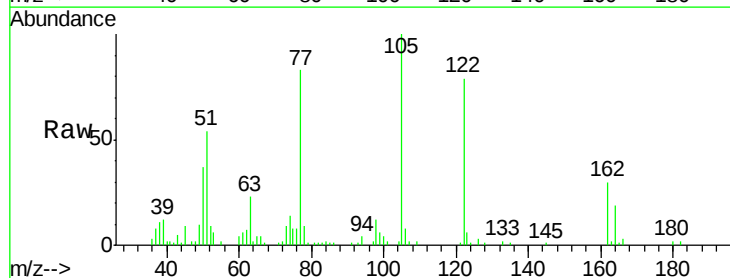
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

Tot Ion:128 Resp: 1151083
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 46.13 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:122 Resp: 167286
Ion Ratio Lower Upper
122 100
105 126.5 92.6 132.6
77 105.5 60.0 100.0#

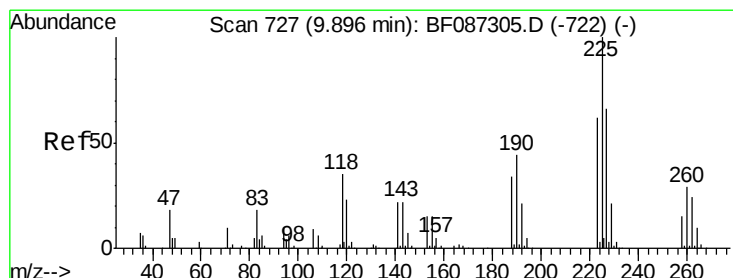
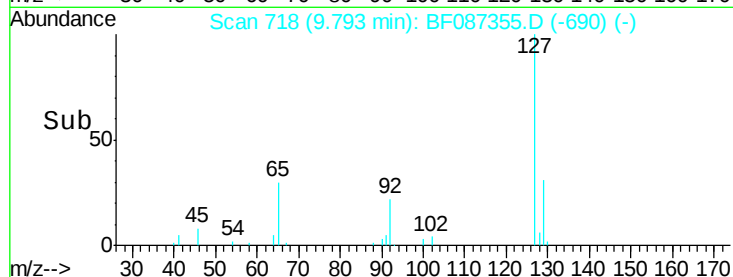
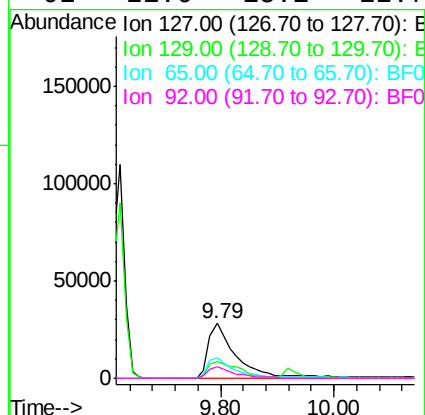
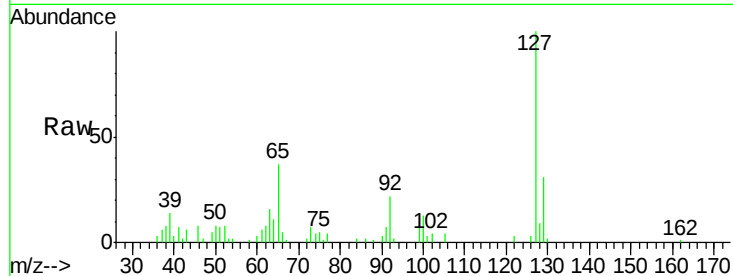




#33
4-Chloroaniline
Concen: 10.89 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

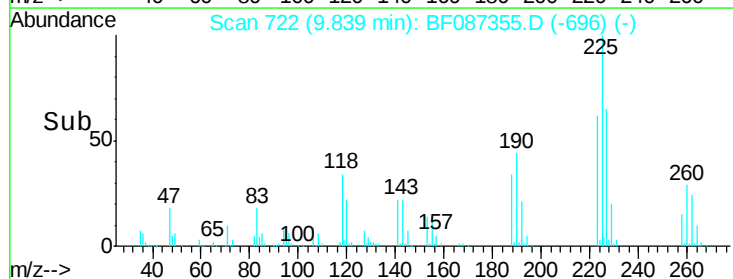
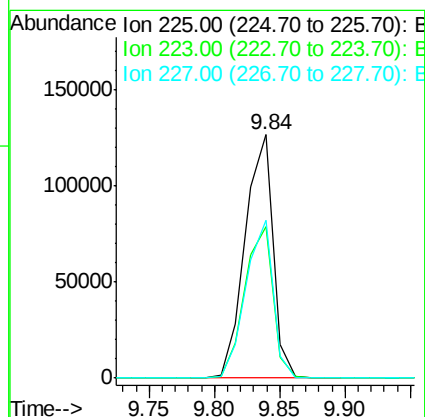
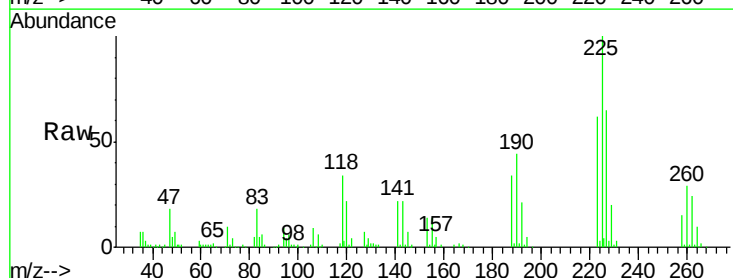
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

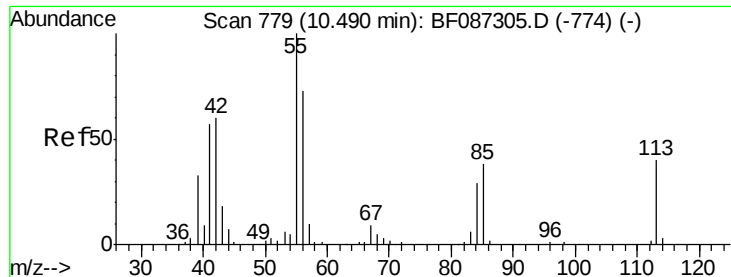
Tot Ion:	127	Resp:	95730
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.4
65	36.7	23.0	34.4
92	21.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.39 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:	225	Resp:	188259
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.5	77.3
227	65.0	52.2	78.2





#35

Caprolactam

Concen: 44.98 ng/mL

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

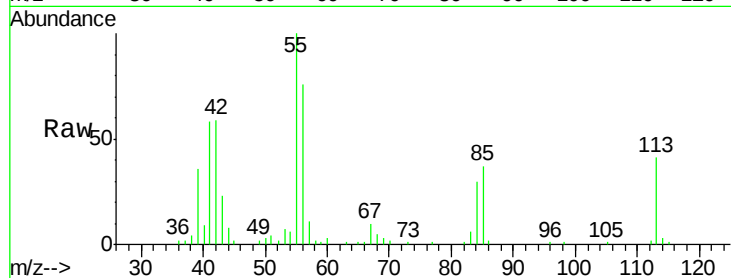
Tot Ion:113 Resp: 83775

Ion Ratio Lower Upper

113 100

55 242.9 162.0 202.0#

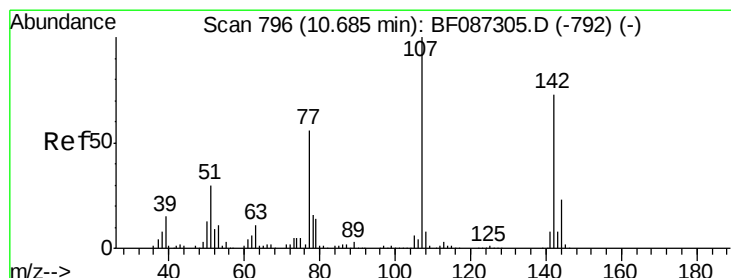
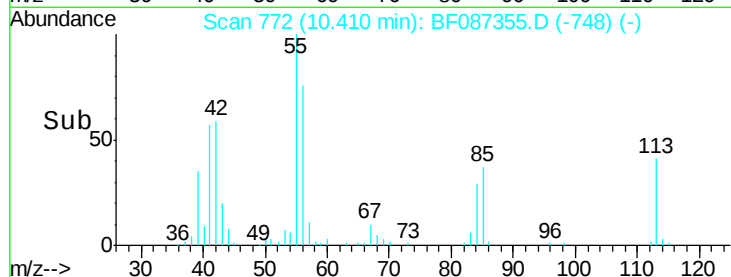
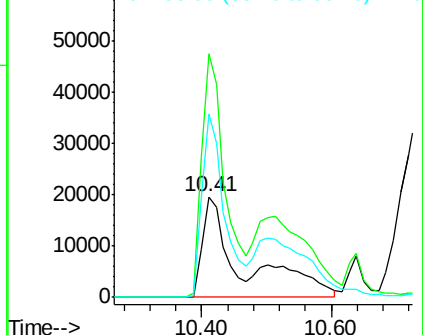
56 183.6 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.75 ng/mL

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

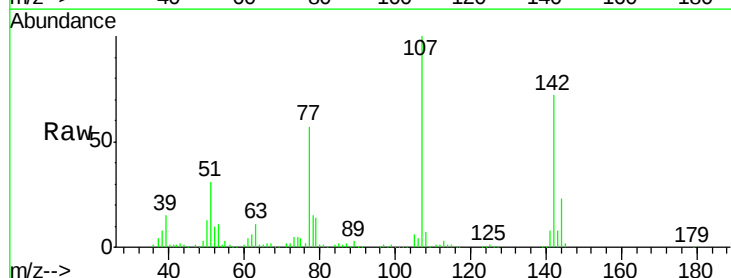
Tgt Ion:107 Resp: 380597

Ion Ratio Lower Upper

107 100

144 23.5 20.7 31.1

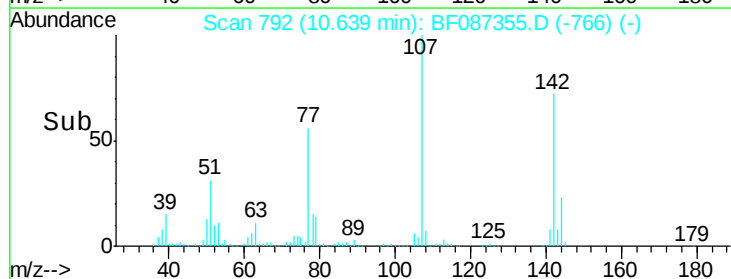
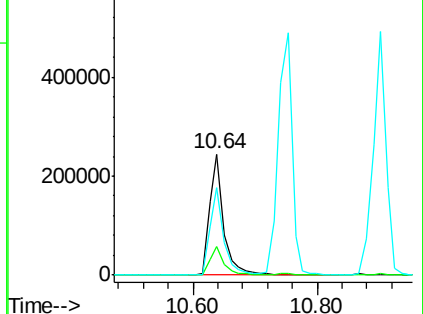
142 72.2 63.2 94.8

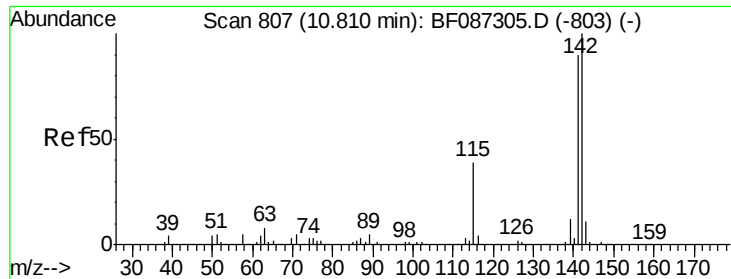


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

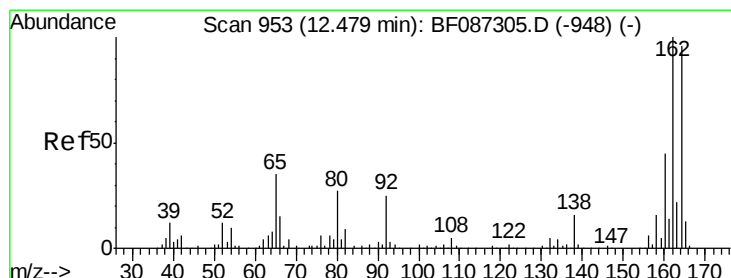
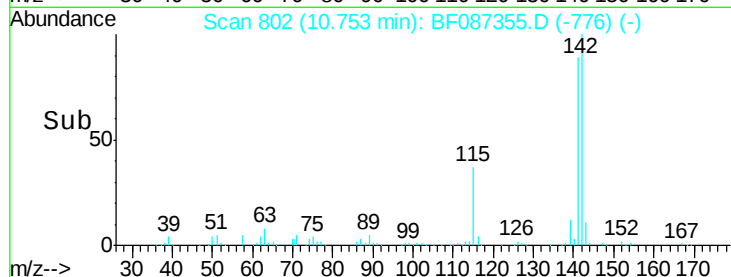
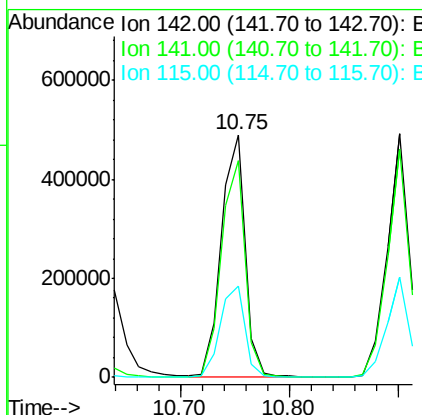
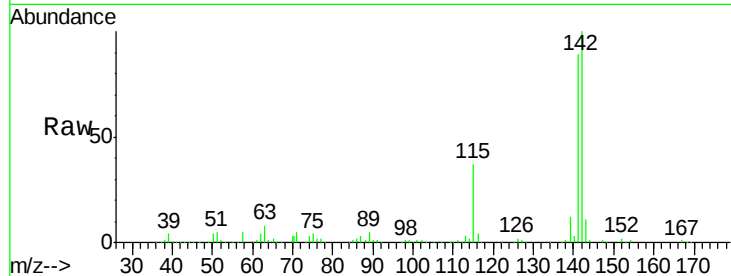




#37
2-Methylnaphthalene
Concen: 49.98 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

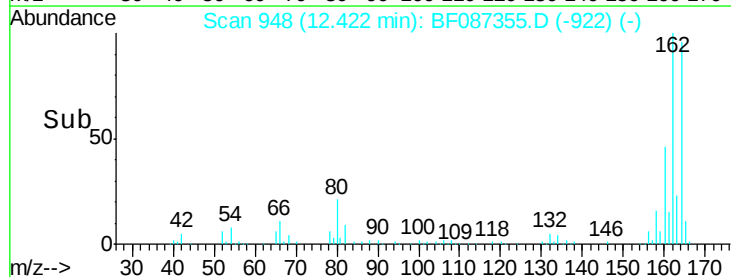
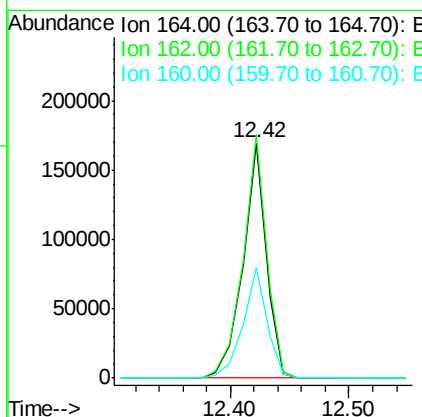
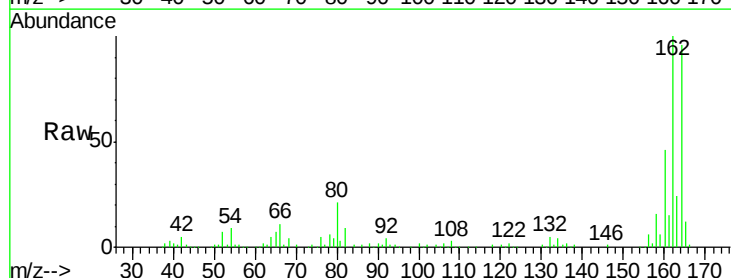
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

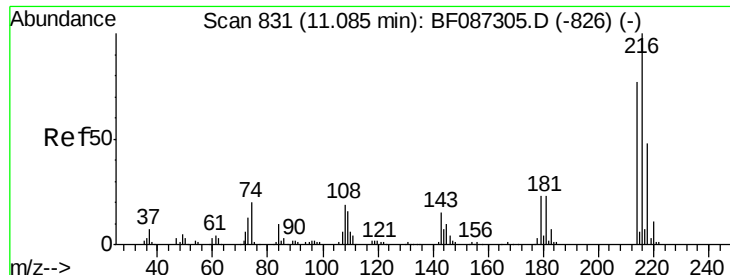
Tot Ion:142 Resp: 745462
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 37.4 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:164 Resp: 233267
Ion Ratio Lower Upper
164 100
162 103.7 82.8 124.2
160 47.3 36.9 55.3

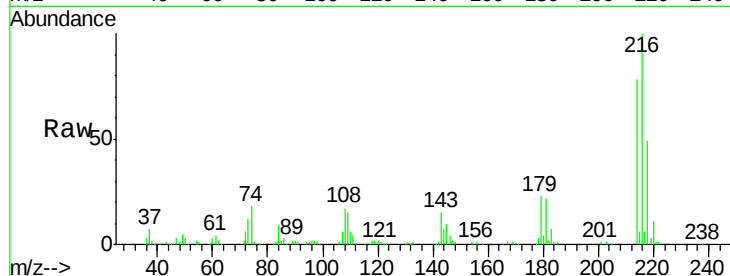




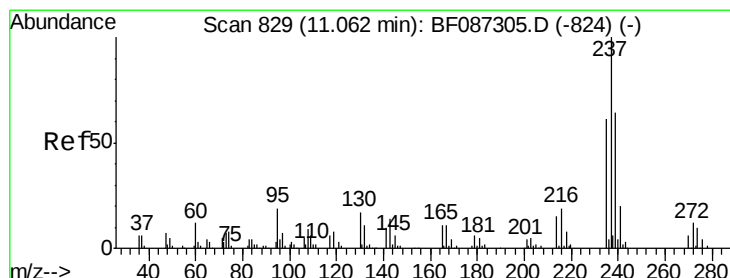
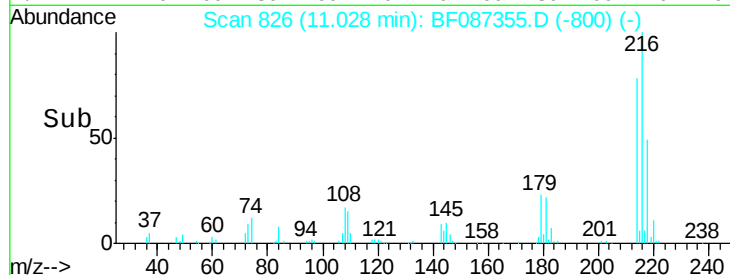
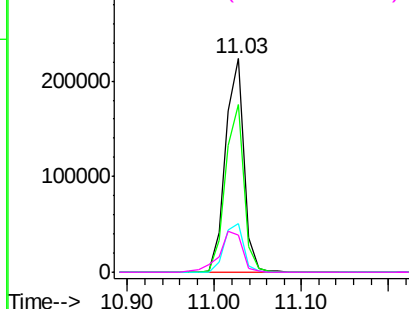
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.04 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion:216	Resp:	328810
Ion	Ratio	Lower Upper
216	100	
214	78.4	62.6 93.8
179	23.8	18.2 27.4
108	24.1	17.5 26.3

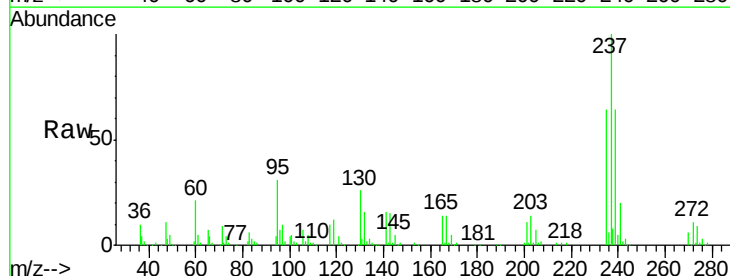


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

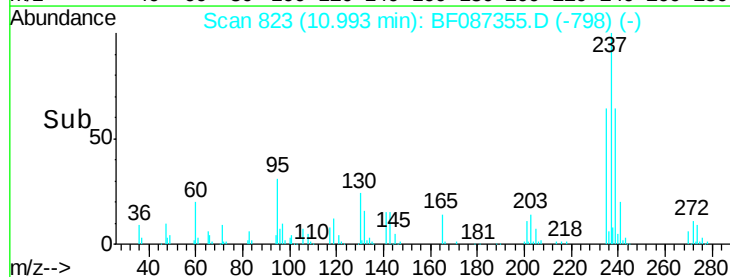
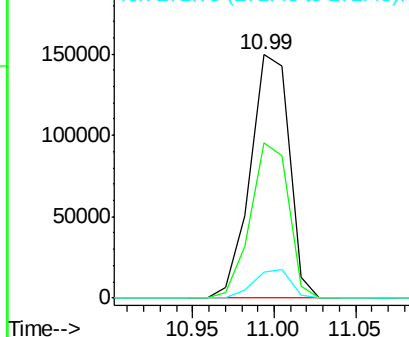


#40
 Hexachlorocyclopentadiene
 Concen: 80.66 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion:237	Resp:	248117
Ion	Ratio	Lower Upper
237	100	
235	63.9	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

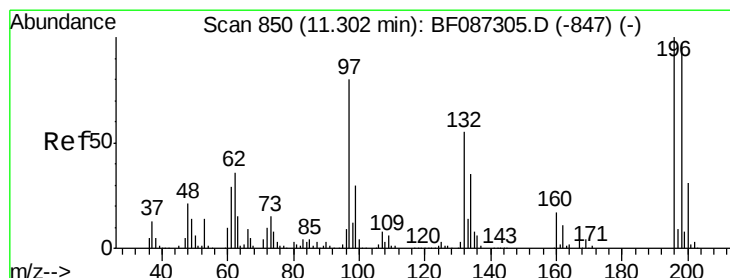
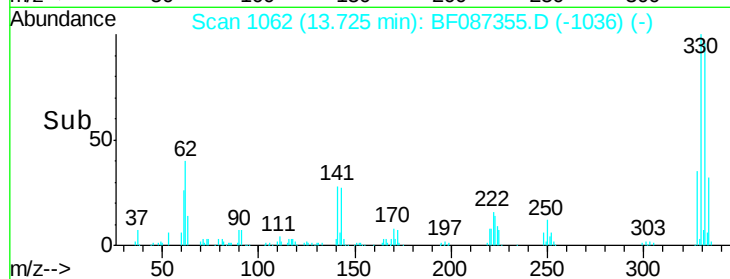
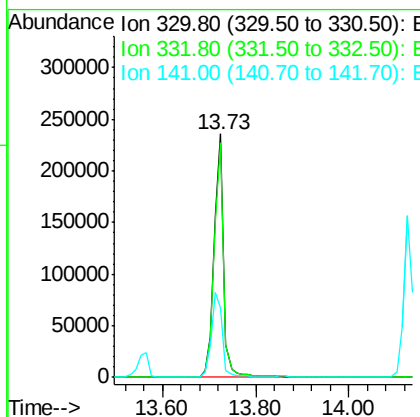
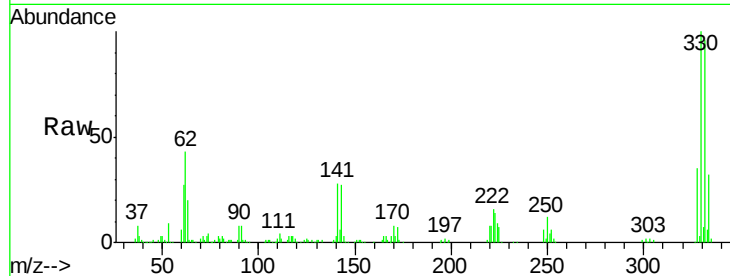




#41
 2,4,6-Tribromophenol
 Concen: 154.49 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

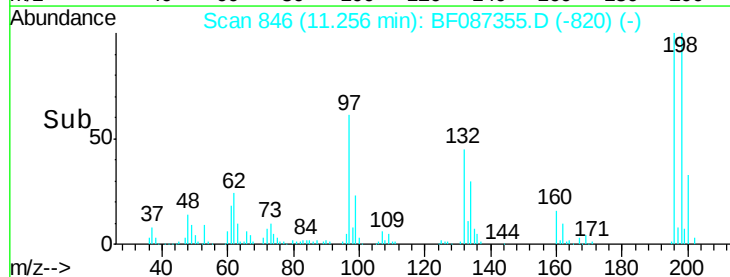
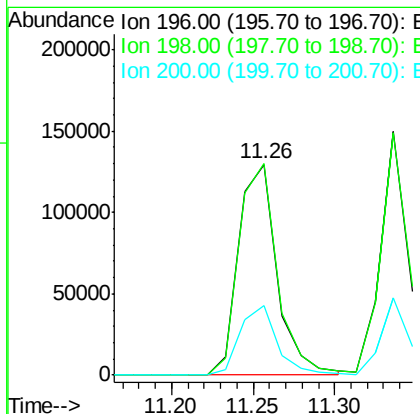
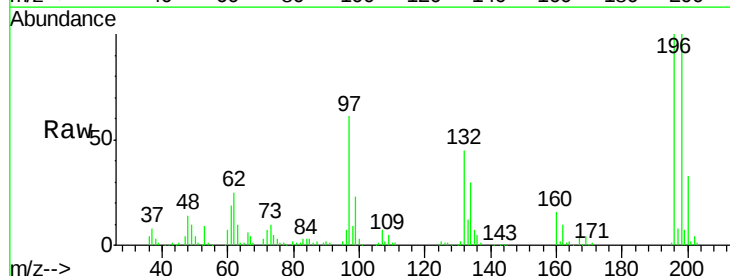
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

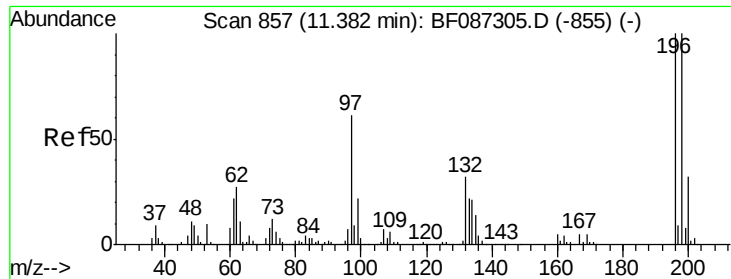
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	40.2	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 49.19 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	74.7	112.1
200	32.7	23.8	35.6

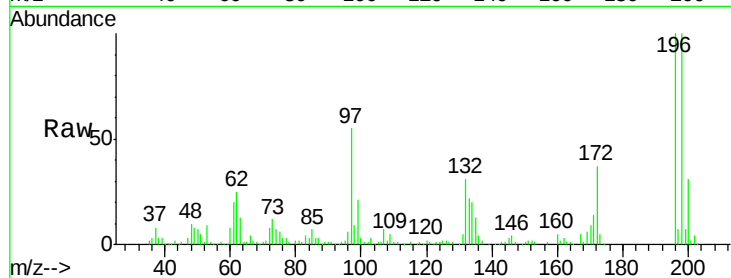




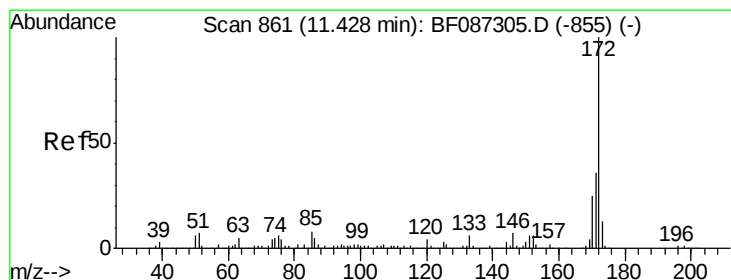
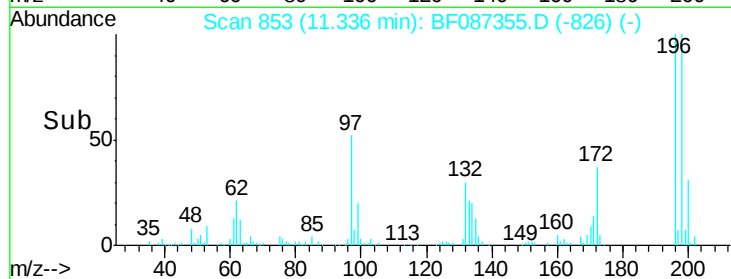
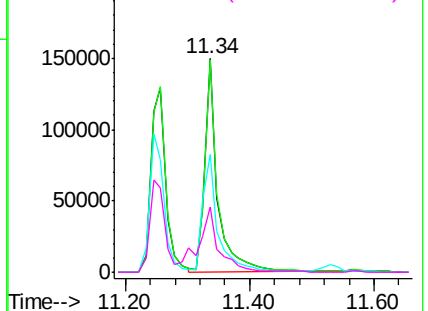
#43
 2,4,5-Trichlorophenol
 Concen: 49.27 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	77.5	116.3
97	55.0	34.8	52.2
132	30.5	23.0	34.4

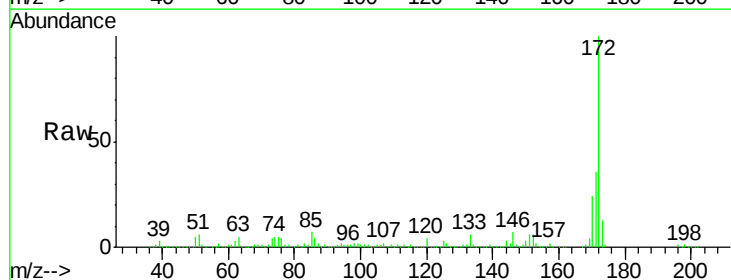


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

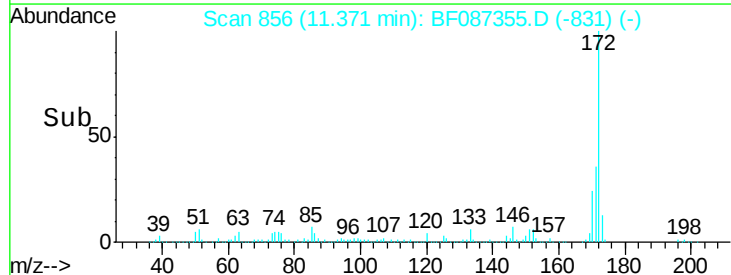
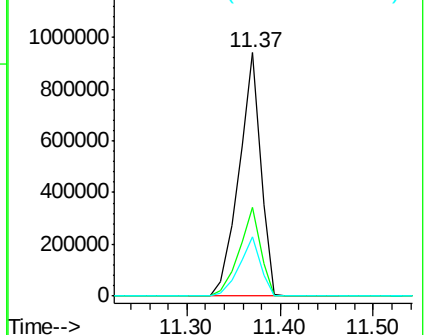


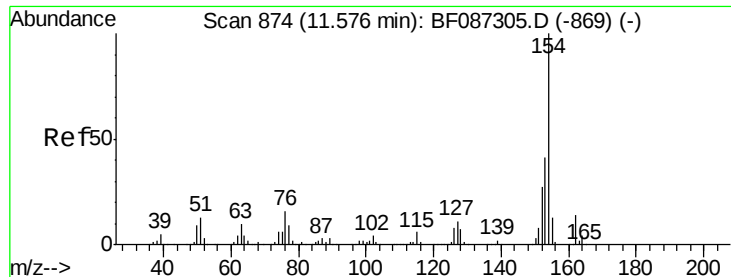
#44
 2-Fluorobiphenyl
 Concen: 91.86 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	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

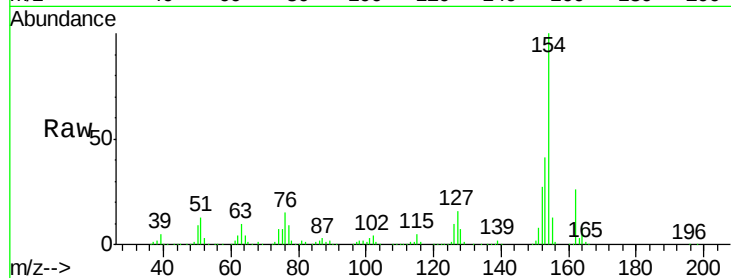




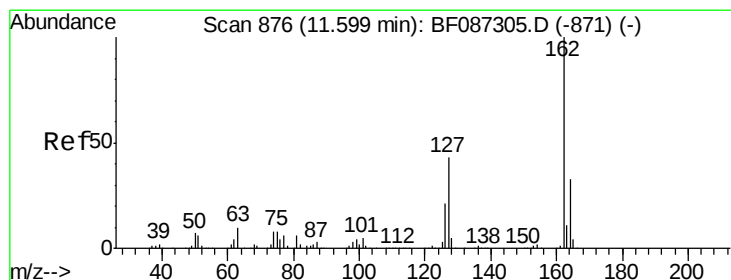
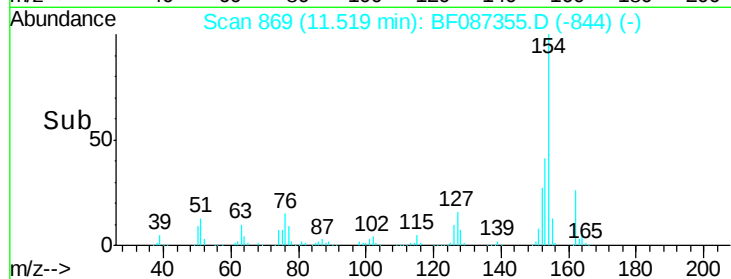
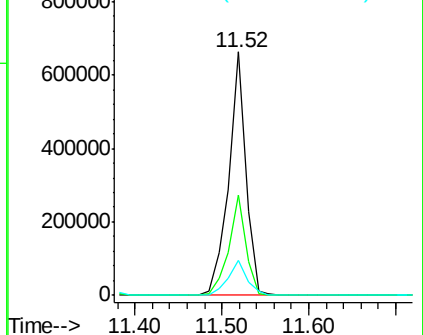
#45
 1,1'-Biphenyl
 Concen: 46.27 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	14.6	0.0	30.2

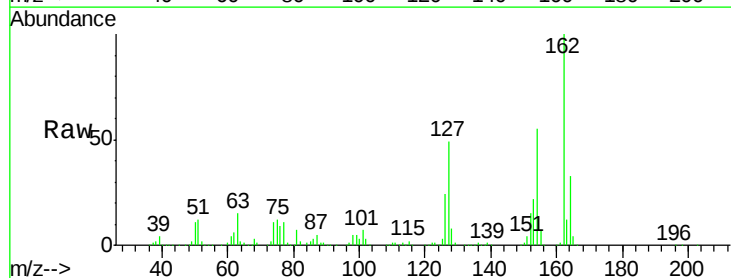


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

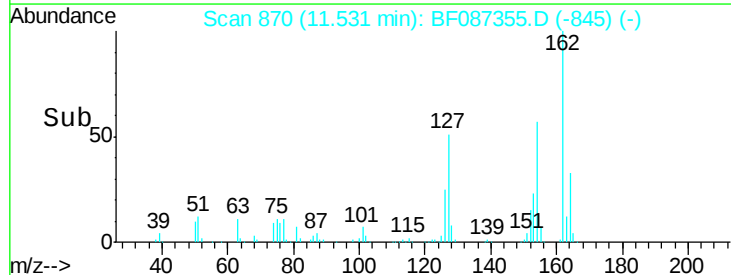
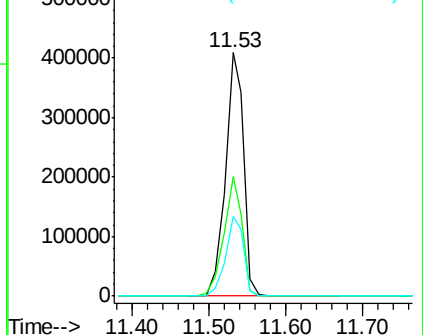


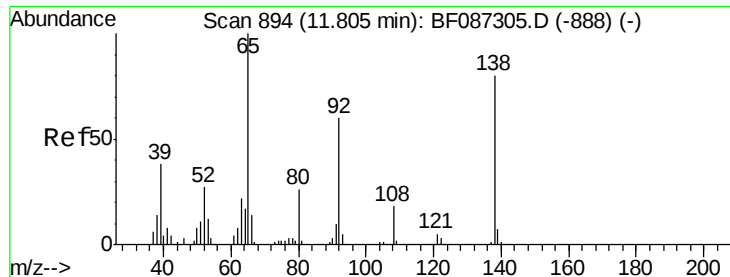
#46
 2-Chloronaphthalene
 Concen: 45.77 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.3	31.8	47.6#
164	32.8	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: 52.32 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

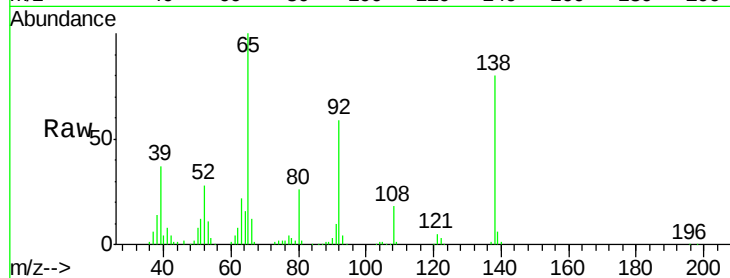
Tot Ion: 65 Resp: 283234

Ion Ratio Lower Upper

65 100

92 59.4 57.4 86.2

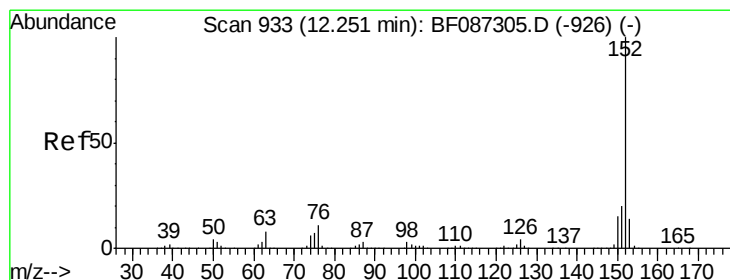
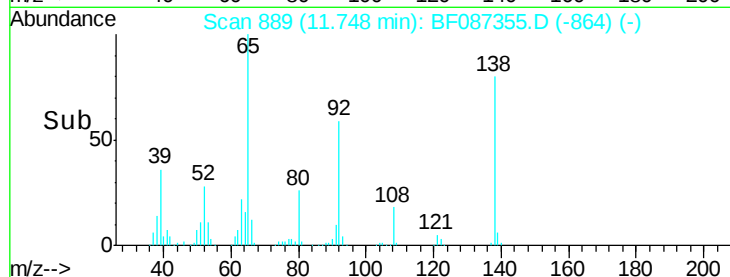
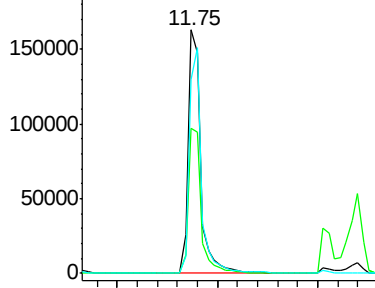
138 79.8 90.1 135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 47.25 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

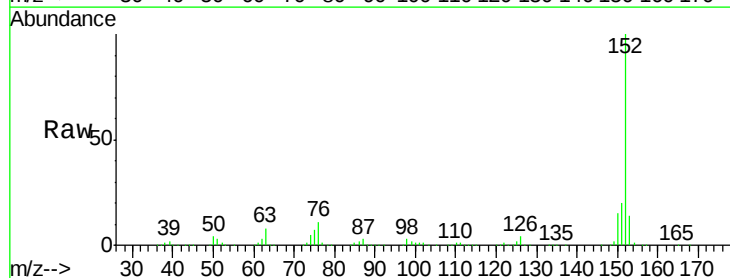
Tgt Ion: 152 Resp: 1124037

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

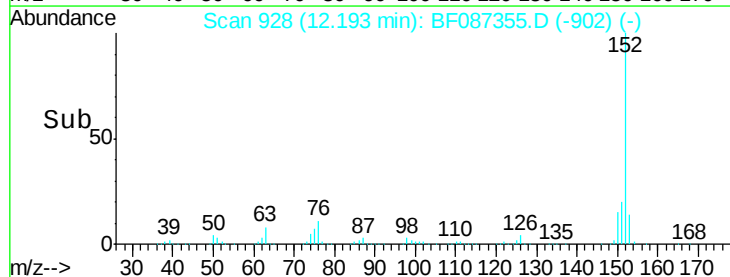
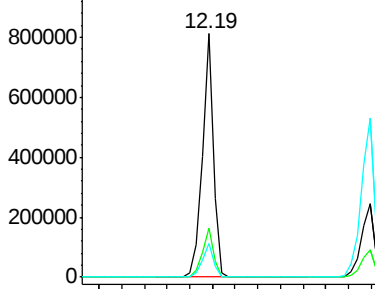
153 14.0 10.9 16.3

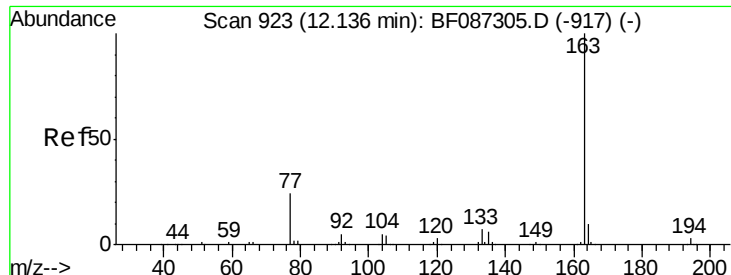


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

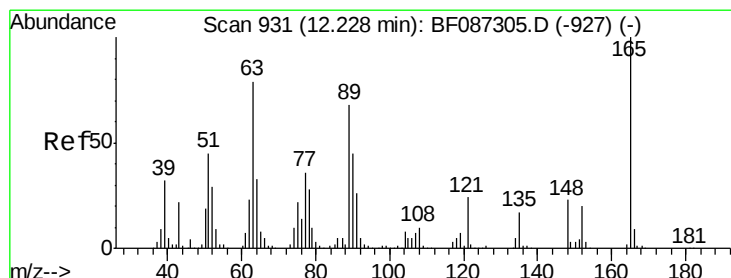
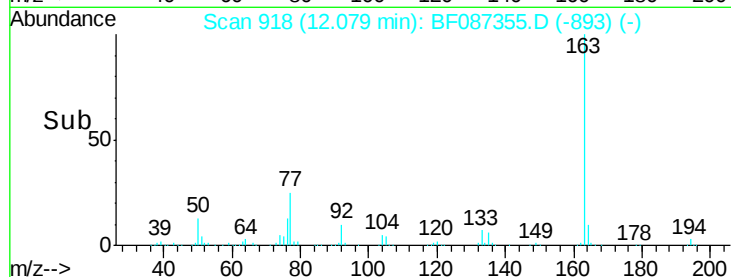
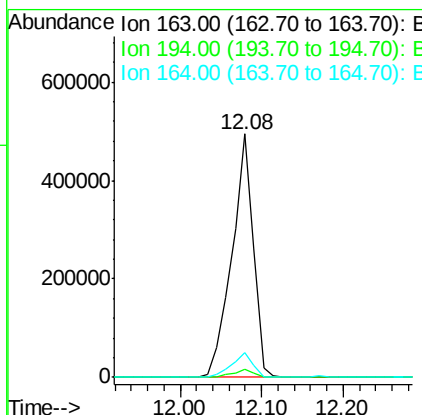
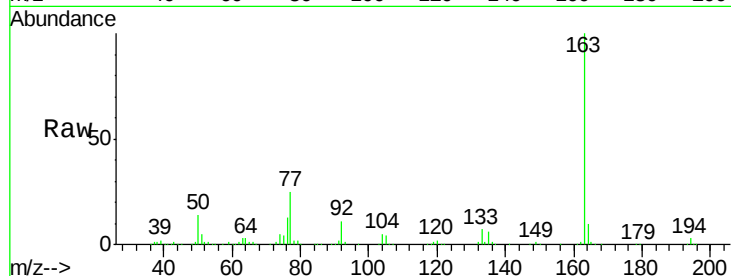




#49
Dimethylphthalate
Concen: 48.16 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

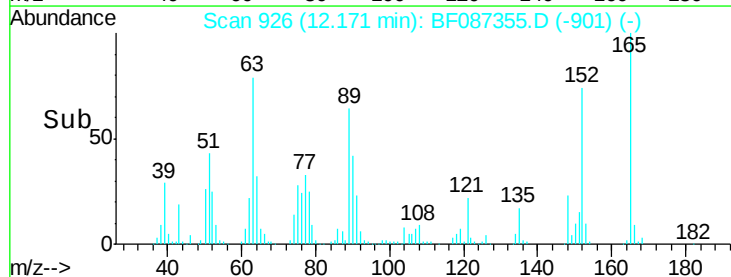
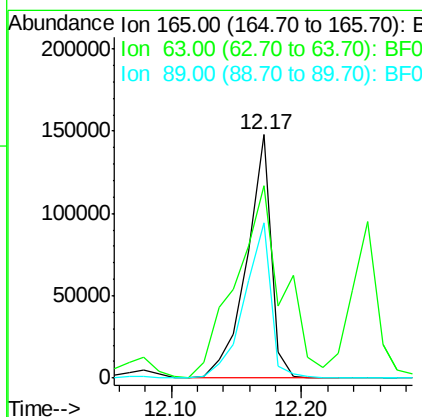
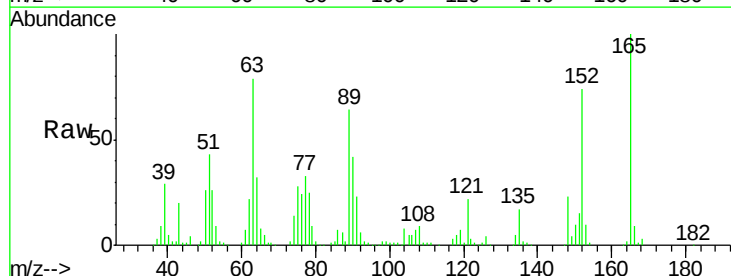
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

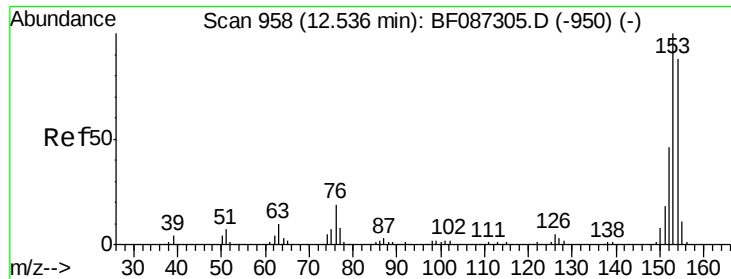
Tot Ion:163 Resp: 899970
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 51.14 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:165 Resp: 192551
Ion Ratio Lower Upper
165 100
63 79.1 51.8 77.8#
89 63.9 50.7 76.1





#51

Acenaphthene

Concen: 47.46 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

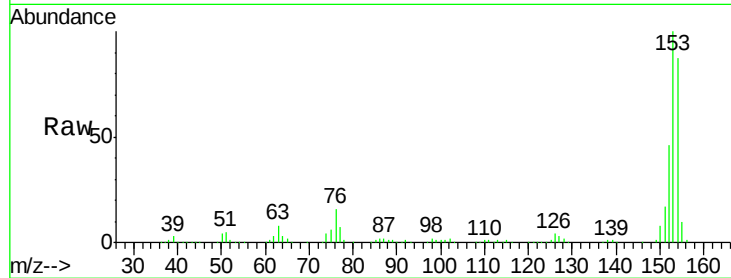
Tot Ion:154 Resp: 693837

Ion Ratio Lower Upper

154 100

153 115.5 89.8 134.6

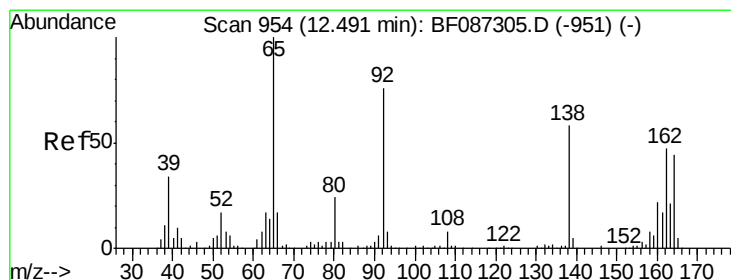
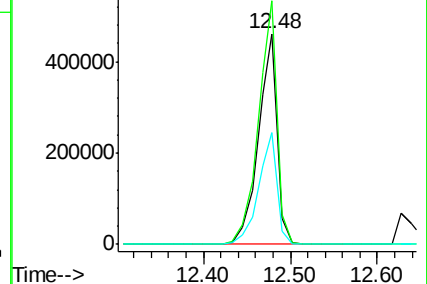
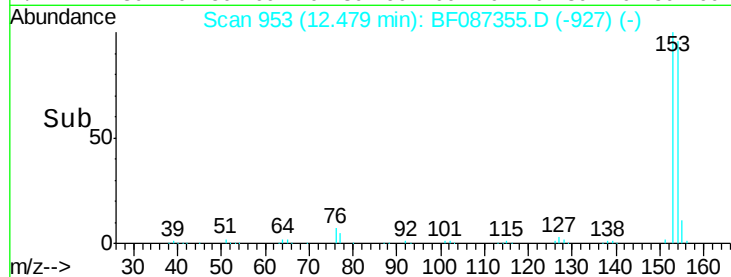
152 53.3 43.4 65.0



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: 21.51 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

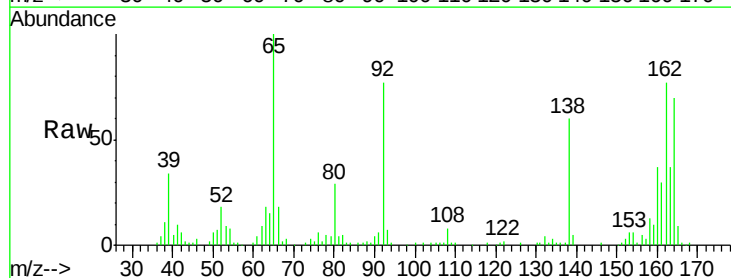
Tgt Ion:138 Resp: 83118

Ion Ratio Lower Upper

138 100

108 13.8 7.8 11.6#

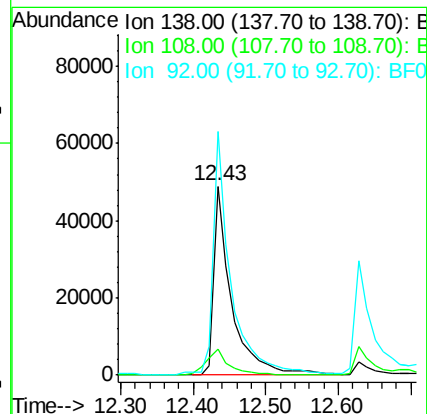
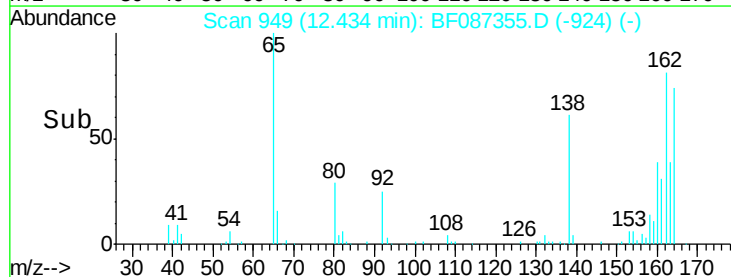
92 128.7 87.8 131.8



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

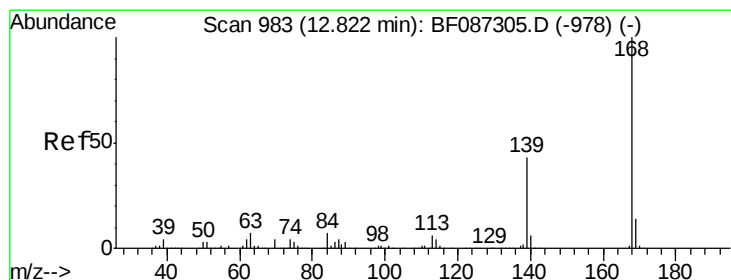
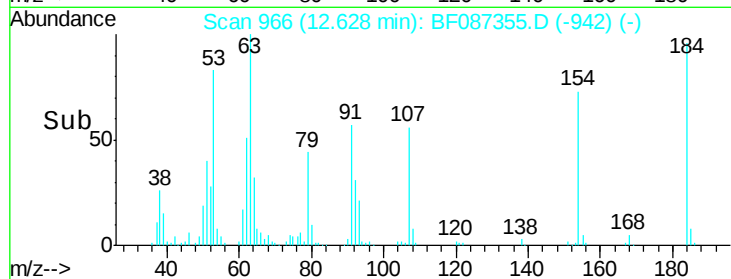
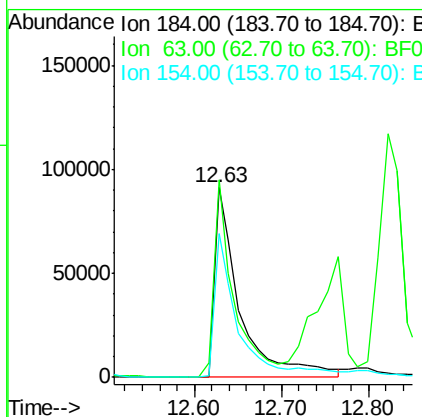
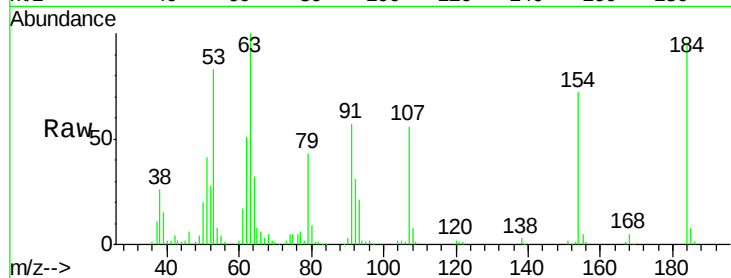




#53
2,4-Dinitrophenol
Concen: 94.70 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

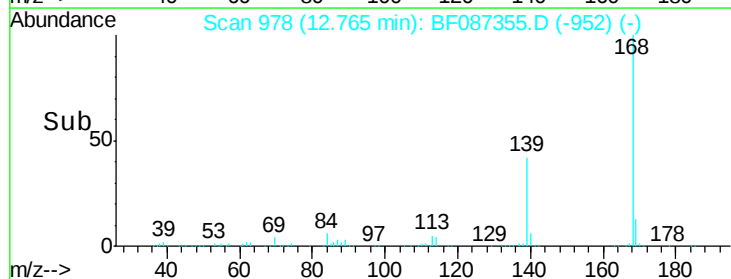
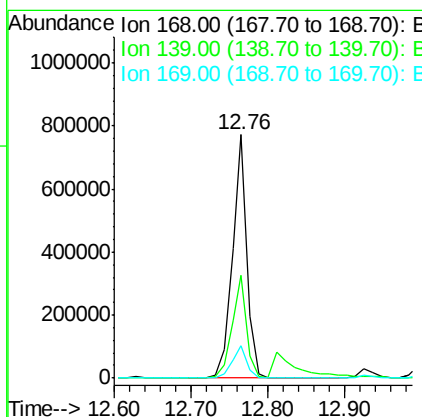
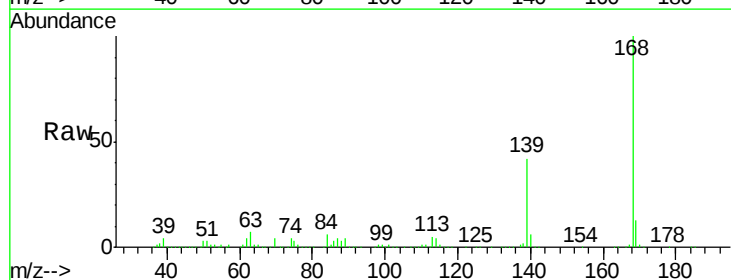
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

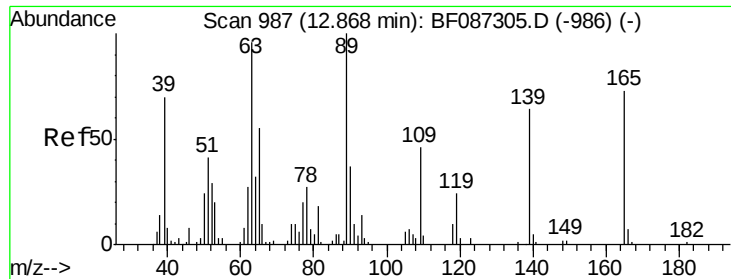
Tot Ion:184 Resp: 185016
Ion Ratio Lower Upper
184 100
63 104.6 55.8 83.8#
154 75.7 62.4 93.6



#54
Dibenzofuran
Concen: 51.76 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:168 Resp: 1024656
Ion Ratio Lower Upper
168 100
139 42.0 31.4 47.0
169 13.5 10.7 16.1

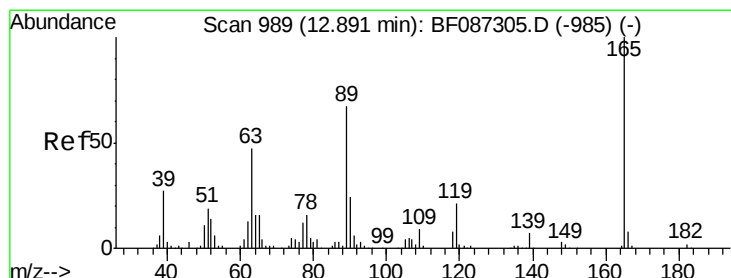
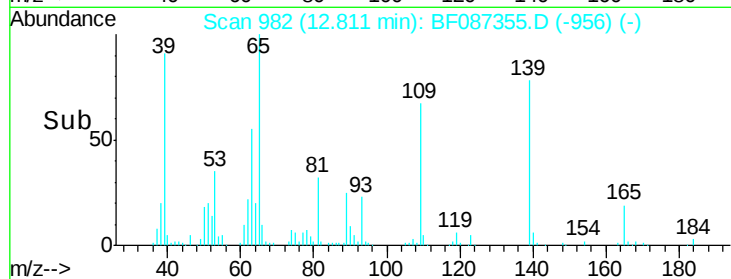
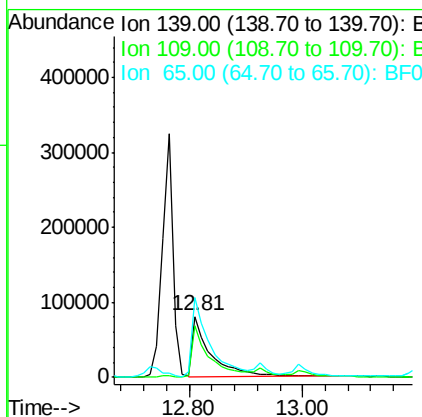
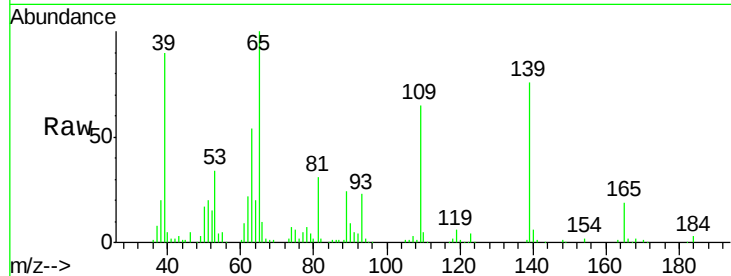




#55
4-Nitrophenol
Concen: 101.81 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

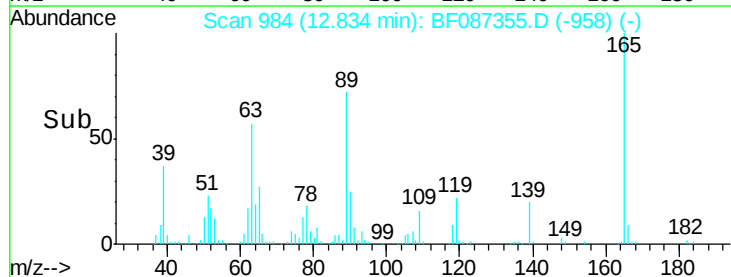
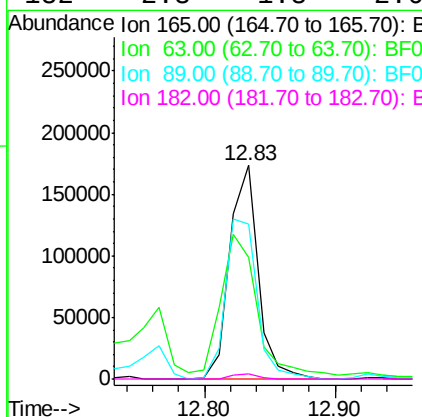
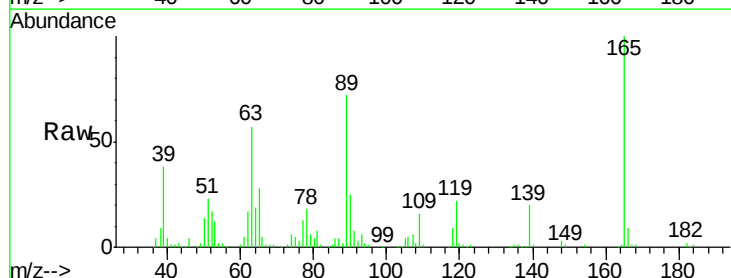
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

Tot Ion:139 Resp: 187677
Ion Ratio Lower Upper
139 100
109 85.9 36.9 76.9#
65 131.4 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 52.32 ng
RT: 12.83 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:165 Resp: 263312
Ion Ratio Lower Upper
165 100
63 57.1 44.3 66.5
89 72.4 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 48.56 ng

RT: 13.31 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

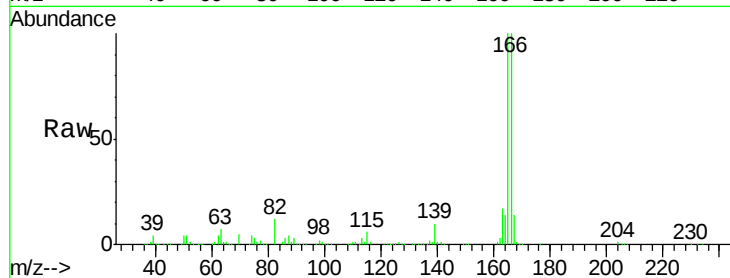
Tot Ion:166 Resp: 833512

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

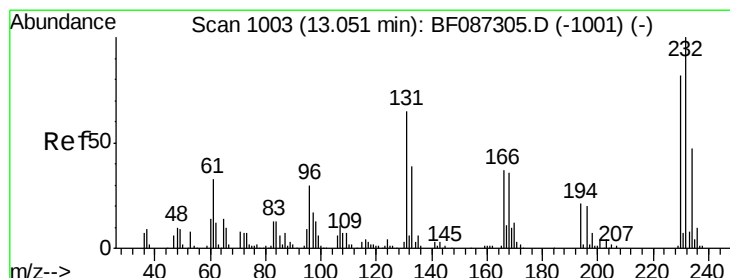
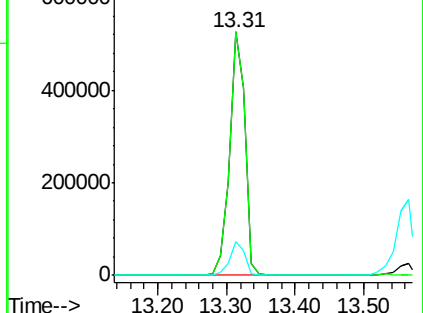
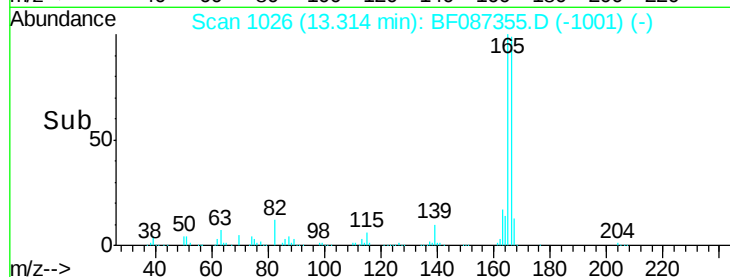
167 13.7 10.6 15.8



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: 57.85 ng

RT: 12.99 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Tgt Ion:232 Resp: 195317

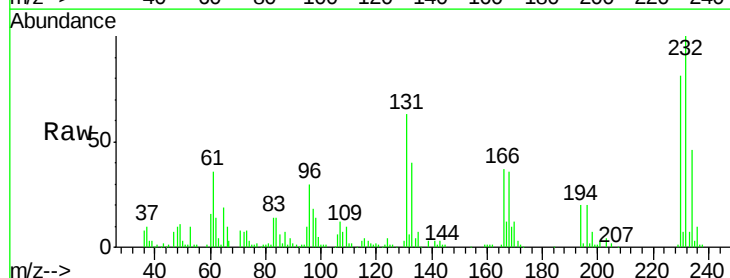
Ion Ratio Lower Upper

232 100

131 54.6 41.9 62.9

130 3.0 2.2 3.4

166 33.0 26.8 40.2

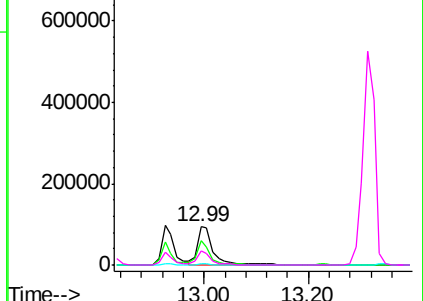
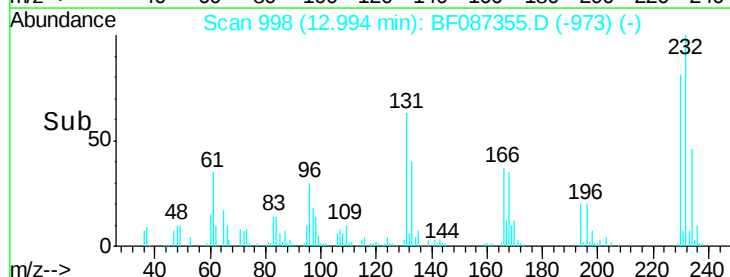


Abundance Ion 232.00 (231.70 to 232.70): E

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

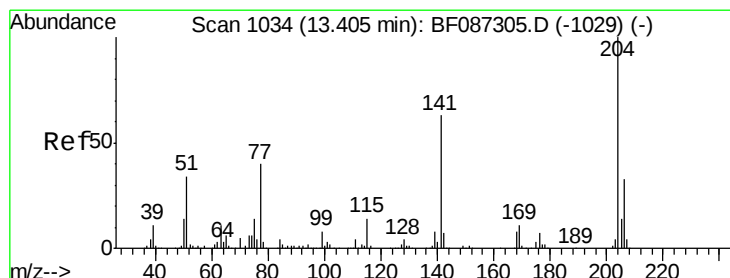
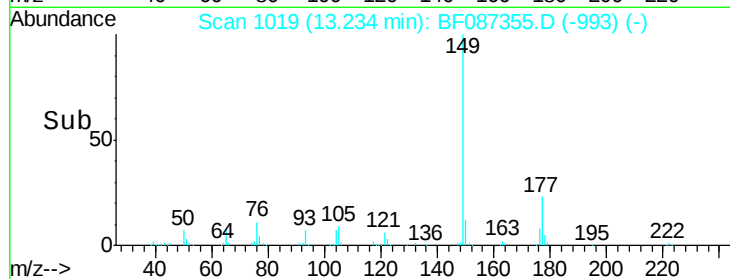
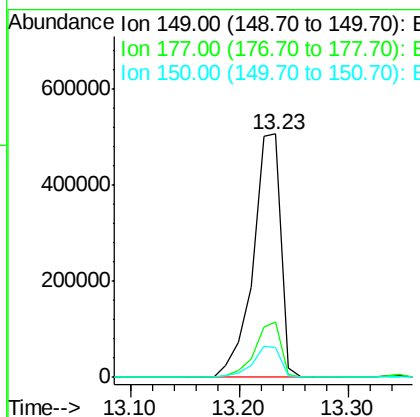
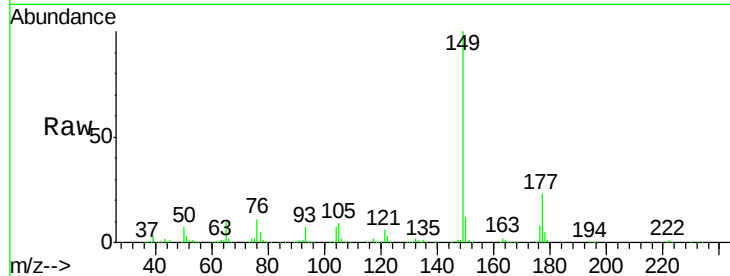




#59
Diethylphthalate
Concen: 49.60 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

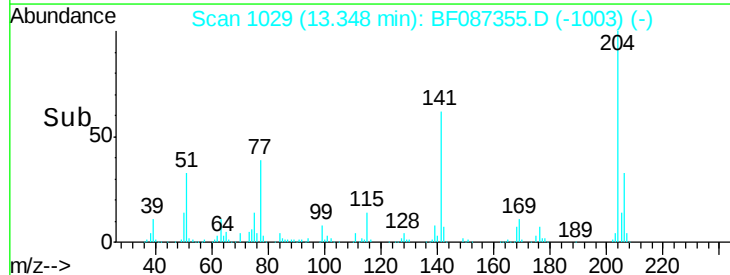
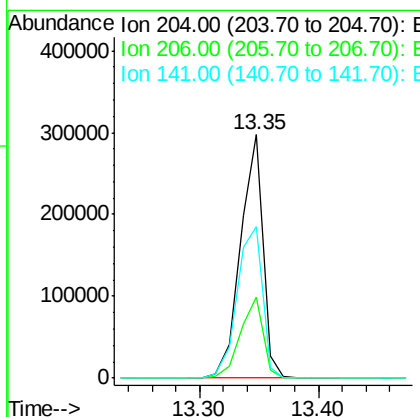
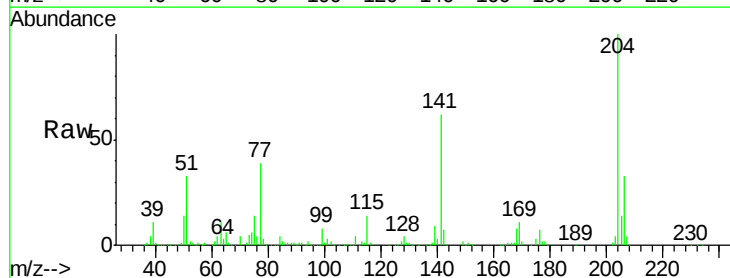
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

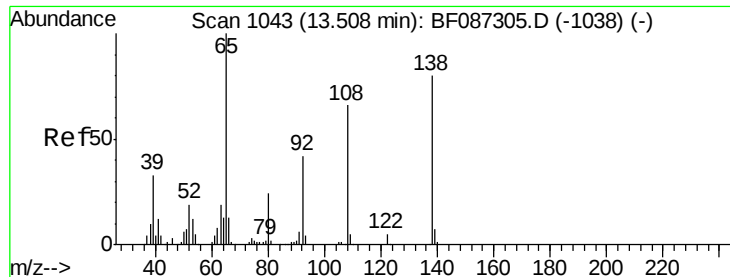
Tot Ion:149 Resp: 901061
Ion Ratio Lower Upper
149 100
177 22.6 16.6 24.8
150 12.2 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 47.06 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:204 Resp: 393900
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 62.0 61.6 92.4

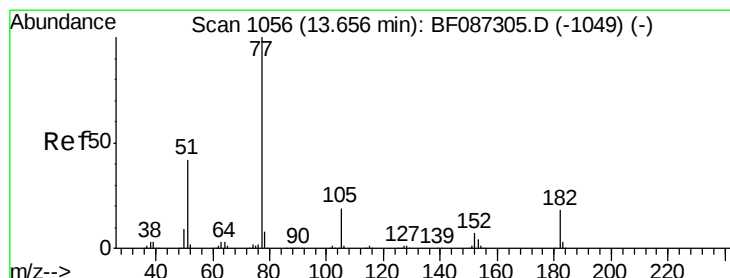
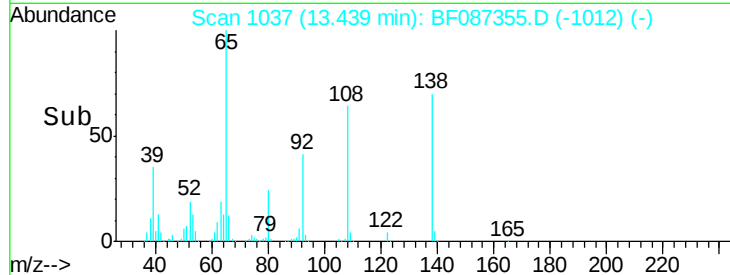
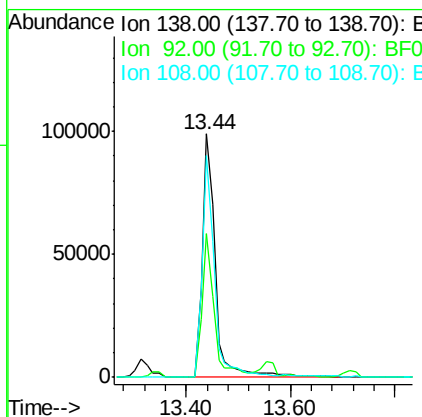
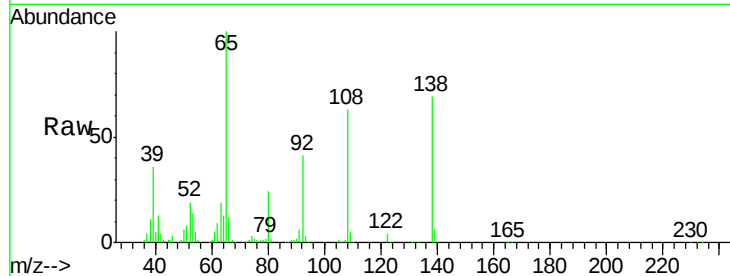




#61
 4-Nitroaniline
 Concen: 48.19 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

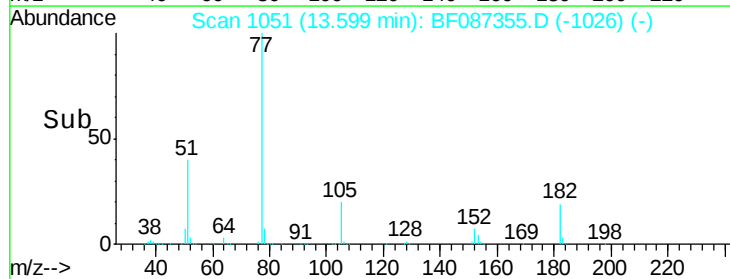
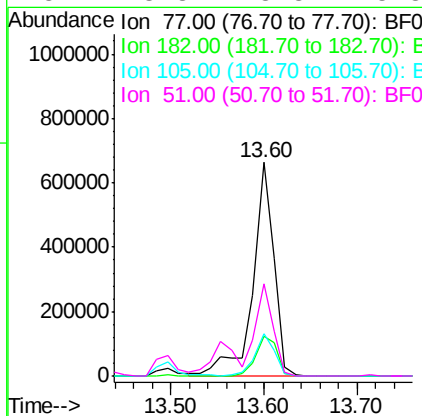
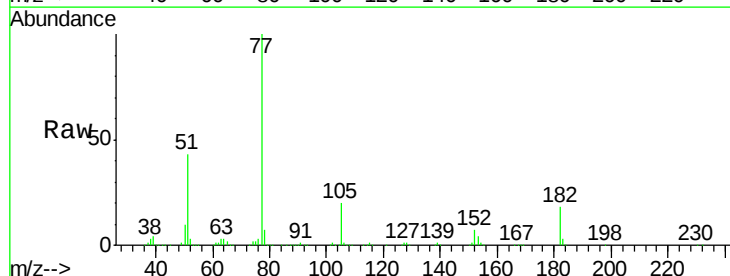
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

Tot Ion:138 Resp: 173805
 Ion Ratio Lower Upper
 138 100
 92 59.0 24.7 64.7
 108 91.1 37.4 77.4#



#62
 Azobenzene
 Concen: 54.82 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion: 77 Resp: 1033294
 Ion Ratio Lower Upper
 77 100
 182 18.4 0.0 38.8
 105 19.9 3.2 43.2
 51 43.3 8.8 48.8

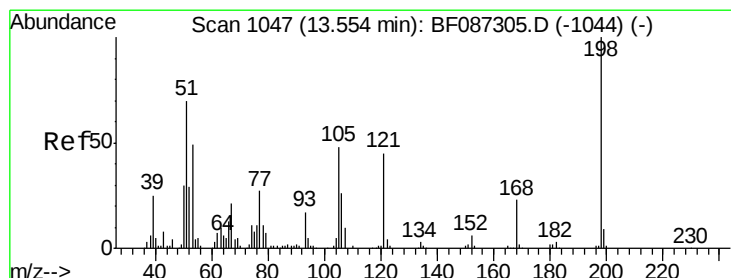
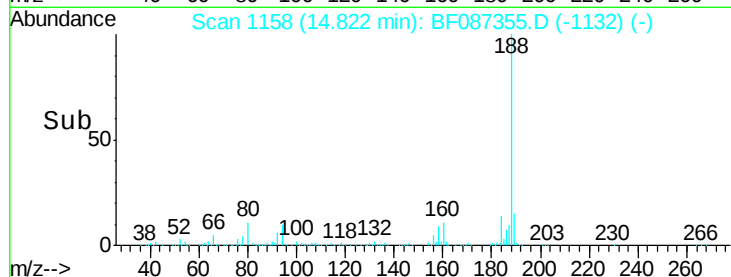
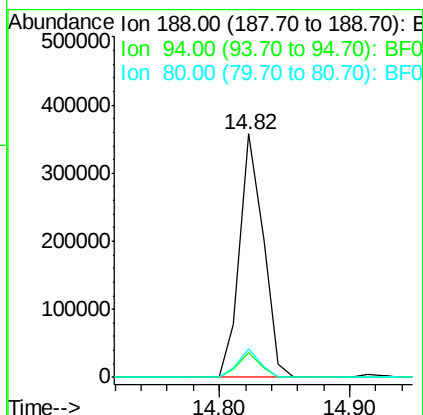
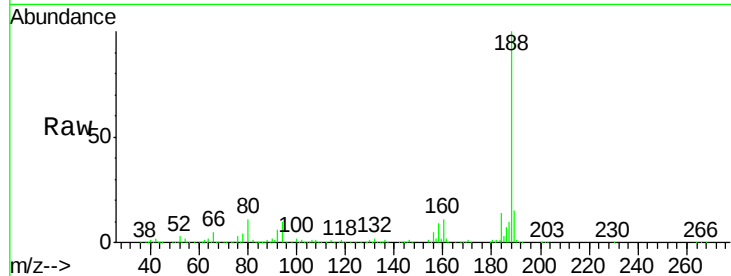




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

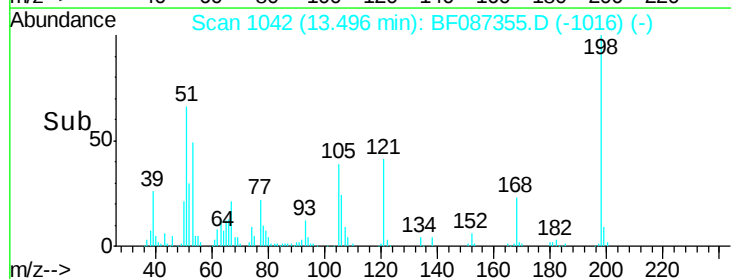
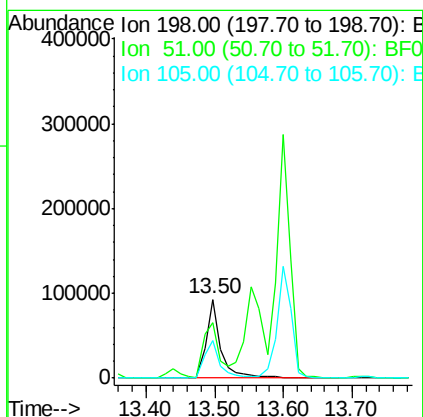
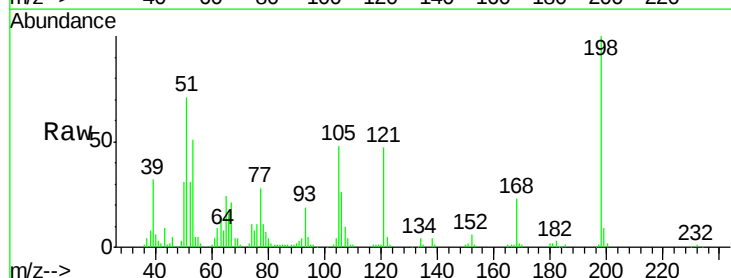
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

Tot Ion:188 Resp: 454212
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2
80 11.5 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.33 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:198 Resp: 136692
Ion Ratio Lower Upper
198 100
51 70.5 20.5 60.5#
105 48.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 48.73 ng

RT: 13.57 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

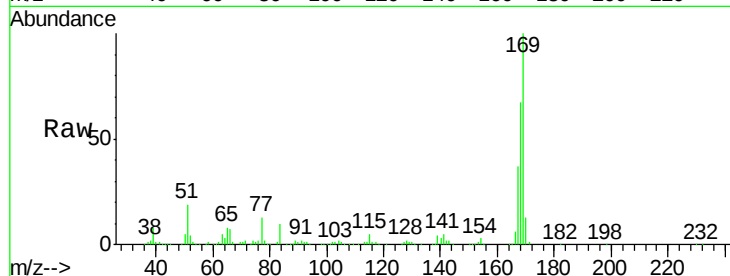
Tot Ion:169 Resp: 715751

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

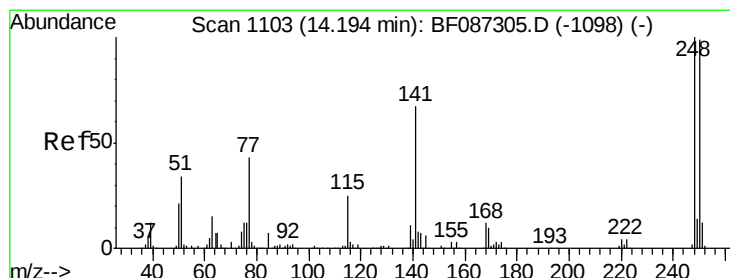
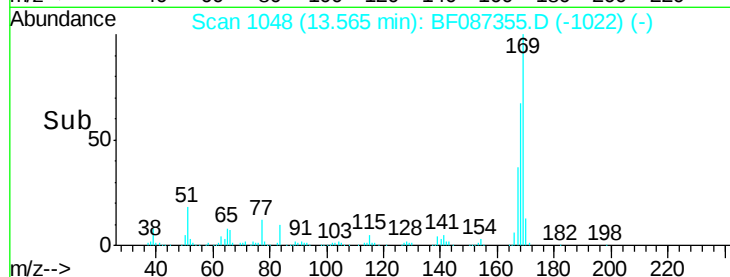
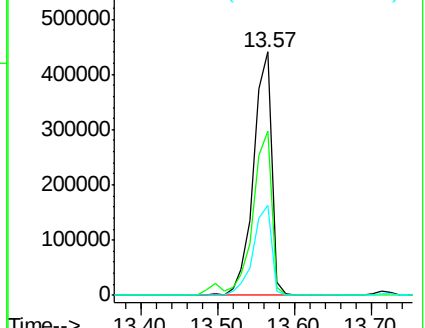
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.98 ng

RT: 14.13 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

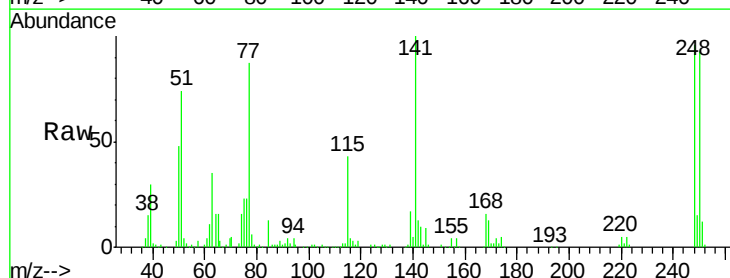
Tgt Ion:248 Resp: 228451

Ion Ratio Lower Upper

248 100

250 97.0 78.6 117.8

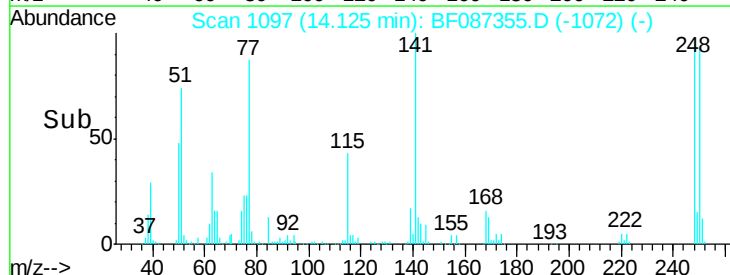
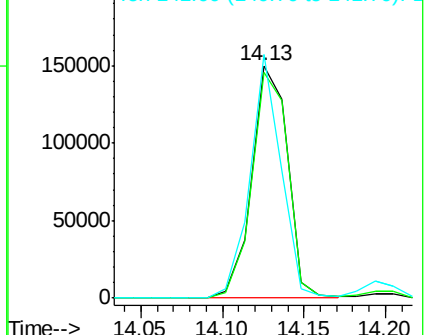
141 104.6 76.0 114.0

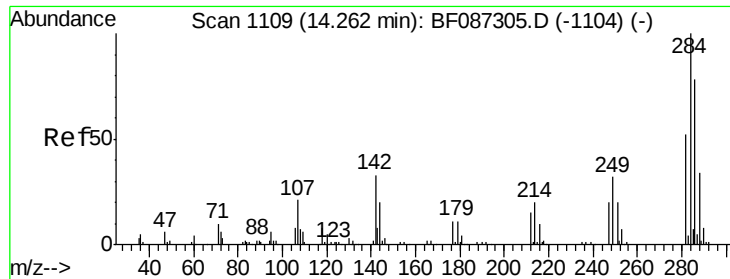


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

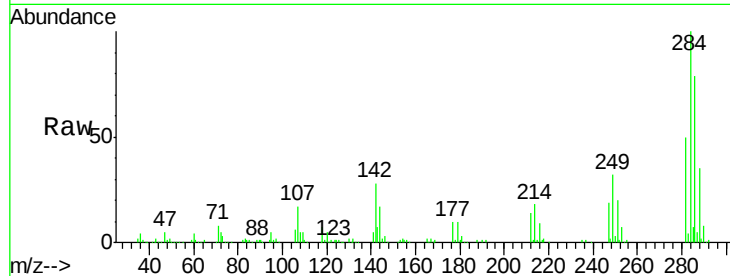




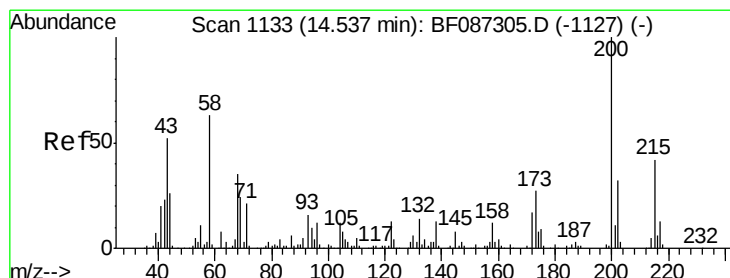
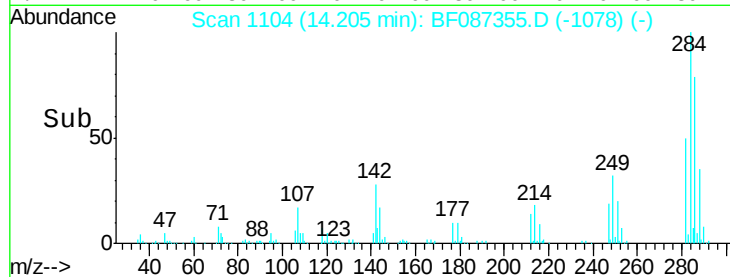
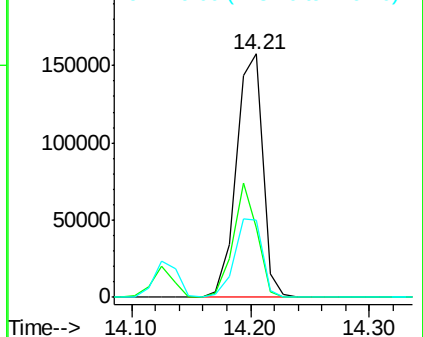
#67
Hexachlorobenzene
Concen: 47.14 ng
RT: 14.21 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

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

Tot Ion:284 Resp: 245017
Ion Ratio Lower Upper
284 100
142 28.3 16.7 25.1#
249 31.5 21.3 31.9

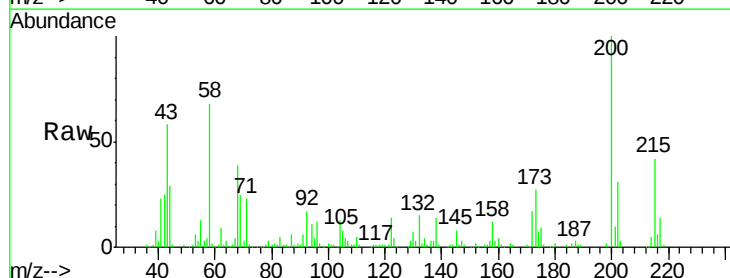


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

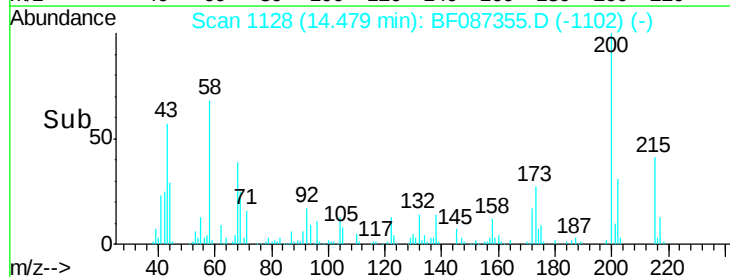
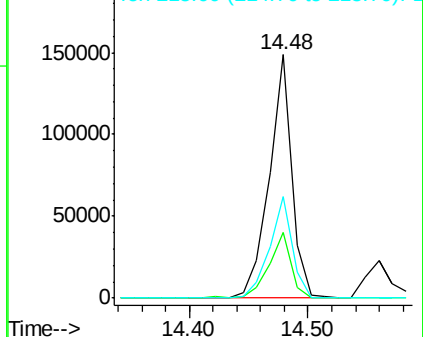


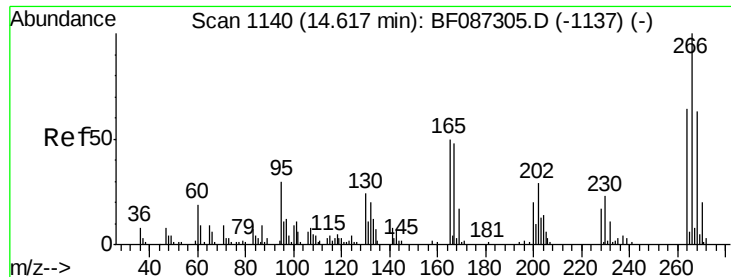
#68
Atrazine
Concen: 42.15 ng
RT: 14.48 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:200 Resp: 197349
Ion Ratio Lower Upper
200 100
173 27.2 8.5 48.5
215 41.9 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

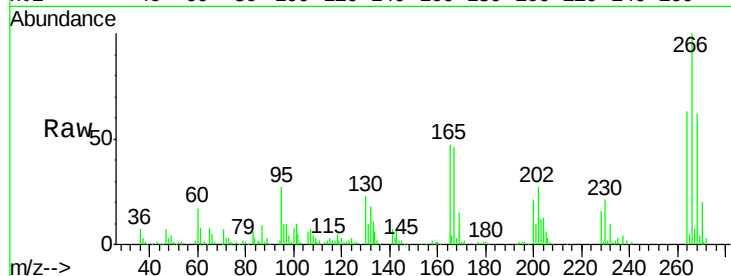




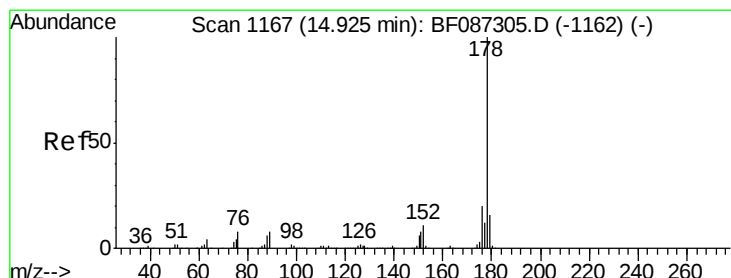
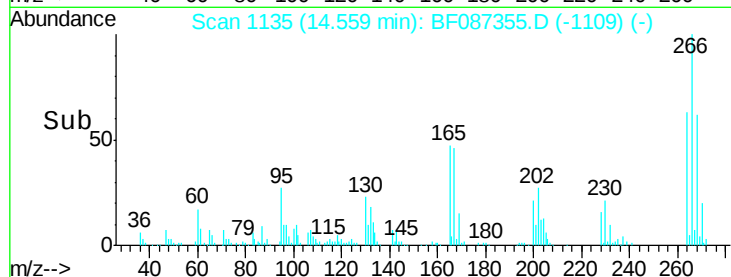
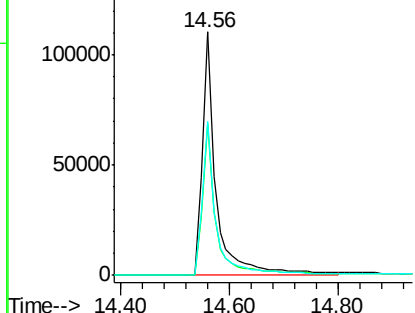
#69
 Pentachlorophenol
 Concen: 118.37 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion:266 Resp: 196368
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.5 77.3
 264 63.3 52.9 79.3

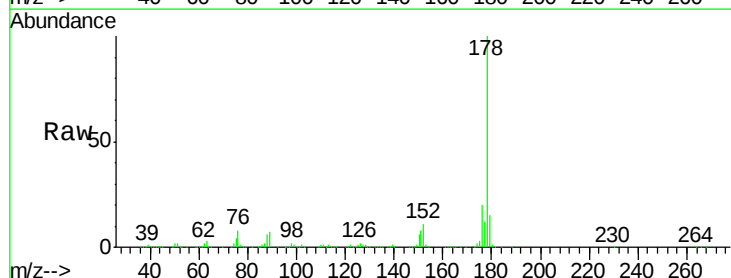


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

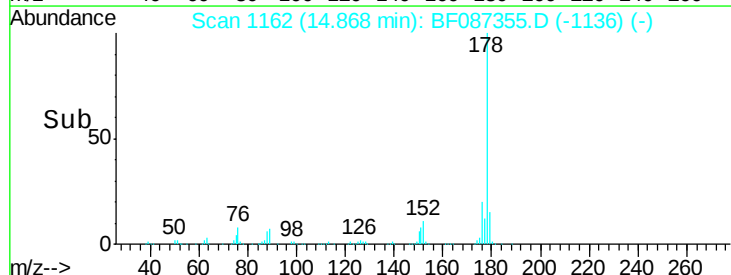
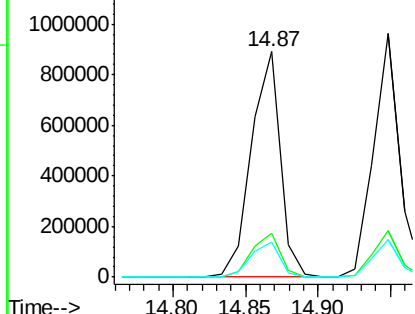


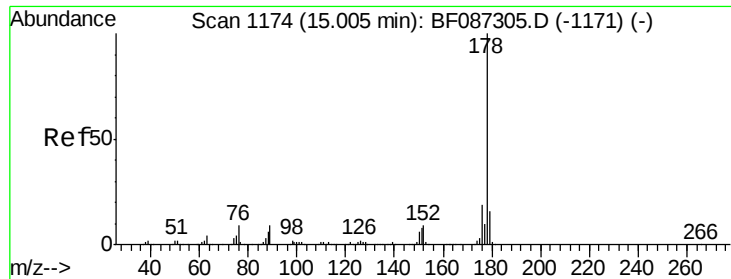
#70
 Phenanthrene
 Concen: 49.13 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion:178 Resp: 1236047
 Ion Ratio Lower Upper
 178 100
 176 19.8 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

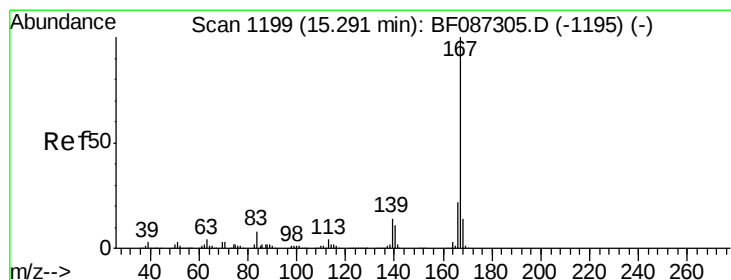
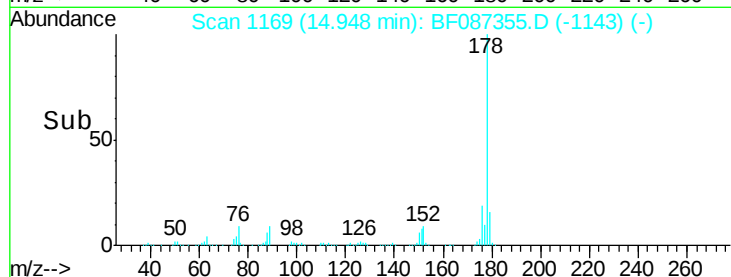
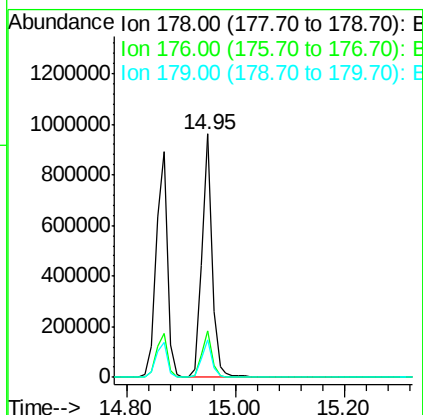
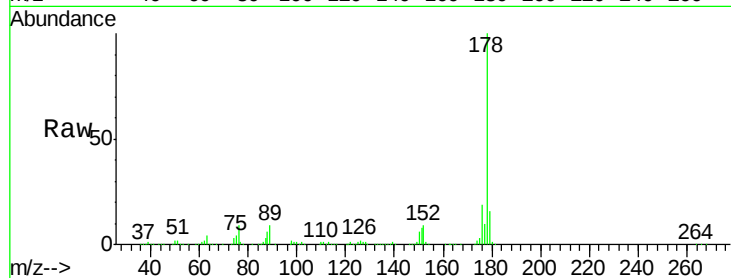




#71
 Anthracene
 Concen: 48.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

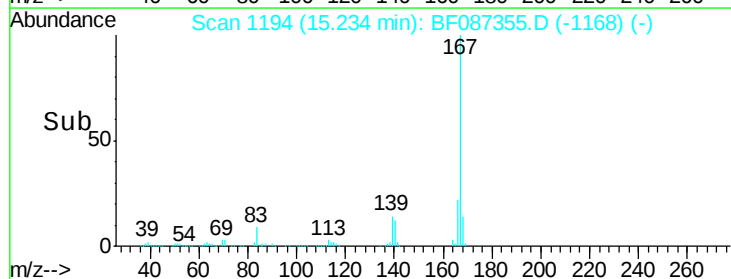
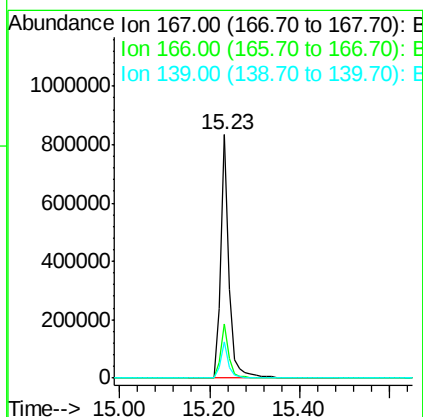
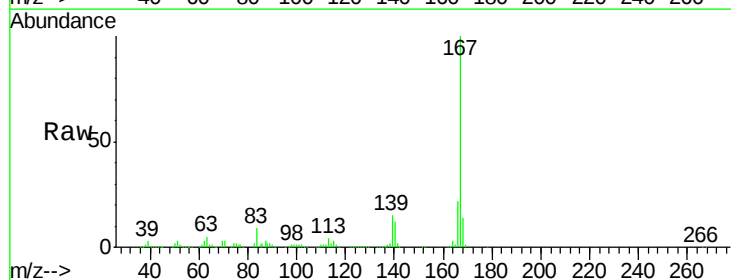
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

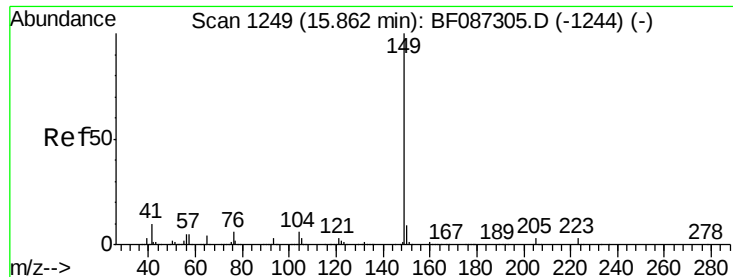
Tot Ion:178 Resp: 1219955
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 49.26 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion:167 Resp: 1067928
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 48.72 ng

RT: 15.81 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

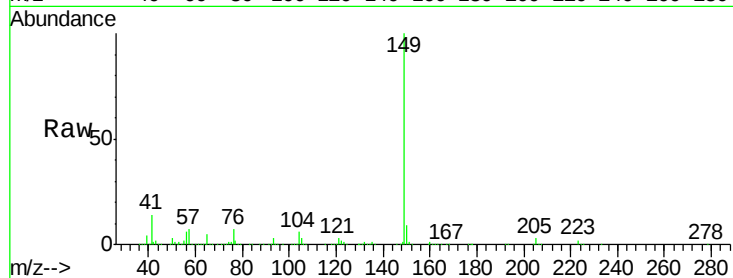
Tot Ion:149 Resp: 1365844

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

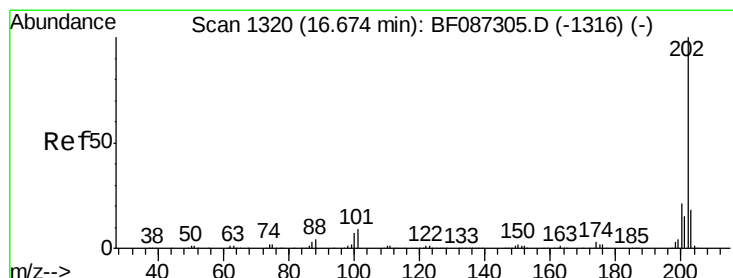
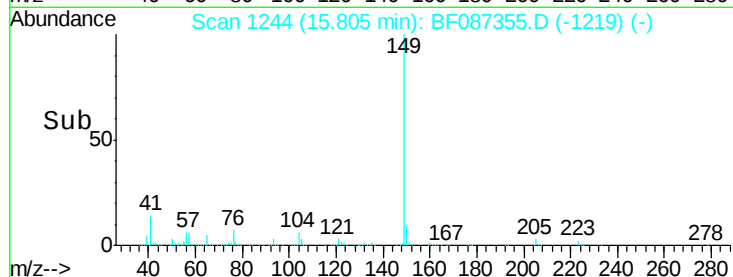
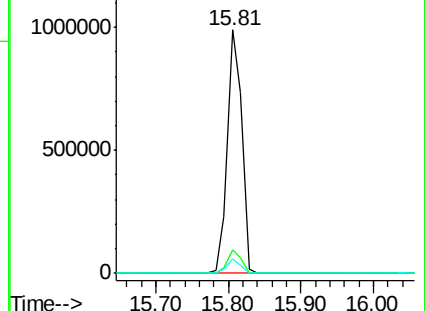
104 6.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.06 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

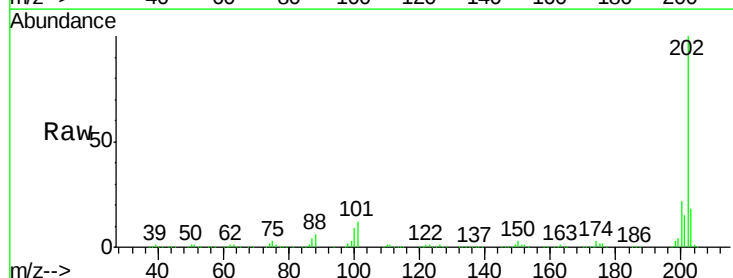
Tgt Ion:202 Resp: 1212409

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.4

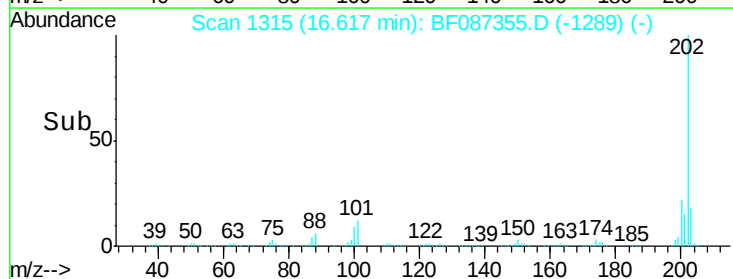
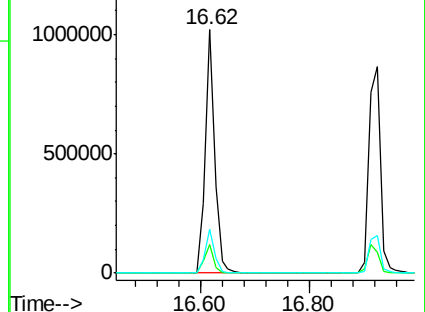
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

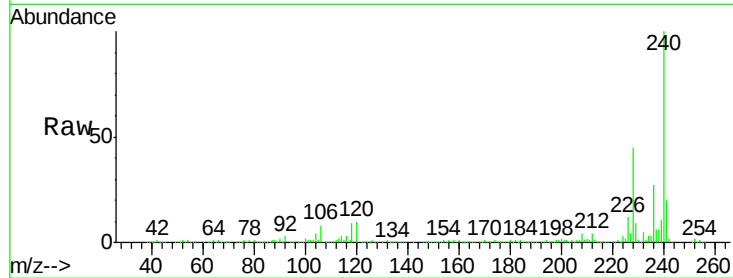
Tot Ion:240 Resp: 362769

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

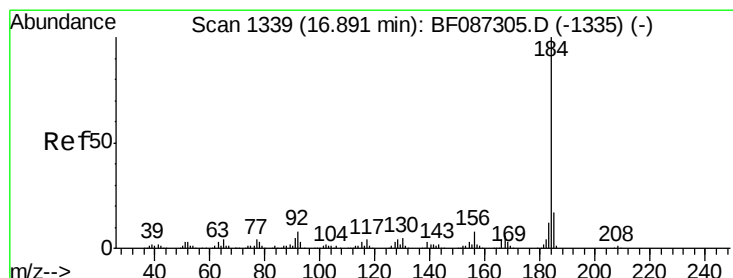
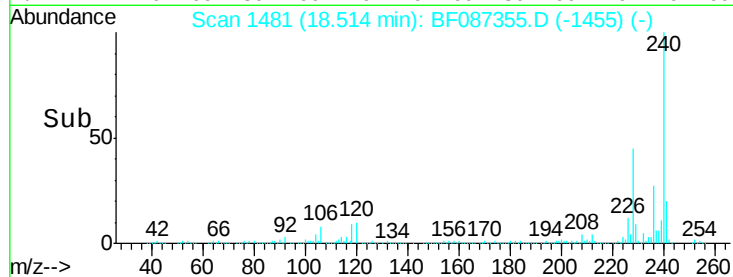
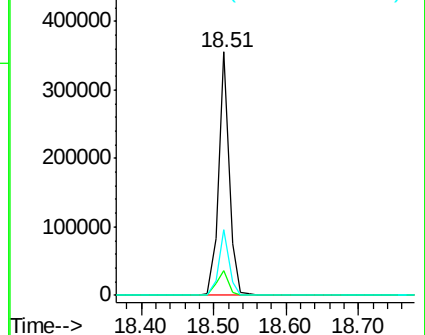
236 26.8 21.2 31.8



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



#76

Benzidine

Concen: 3.29 ng

RT: 16.87 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

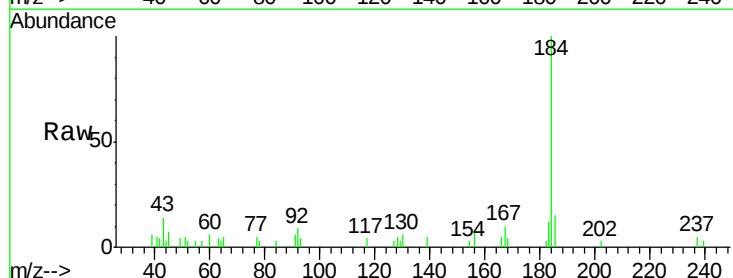
Tgt Ion:184 Resp: 30738

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

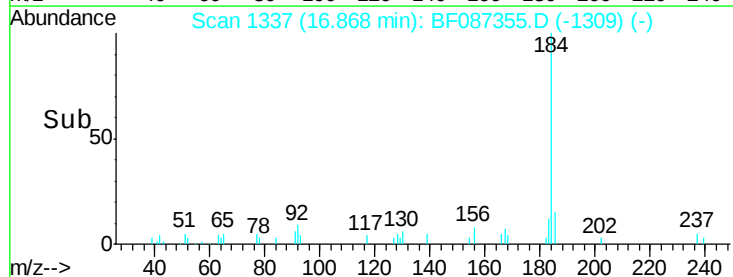
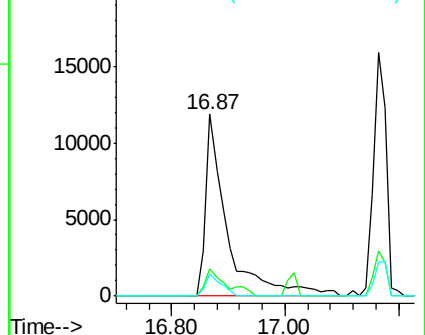
183 12.2 9.8 14.6

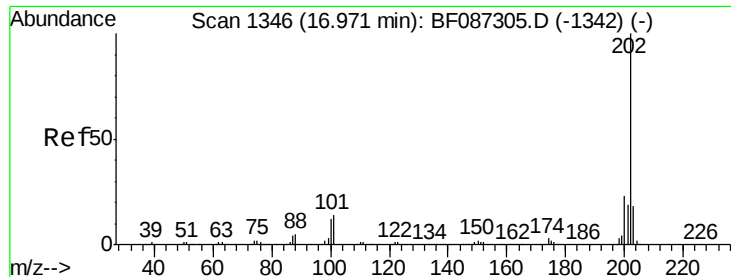


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.75 ng

RT: 16.93 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

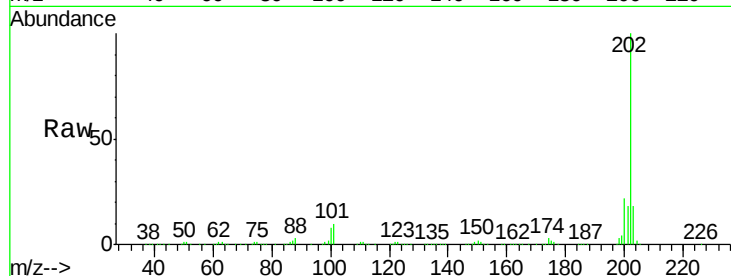
Tot Ion:202 Resp: 1247010

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

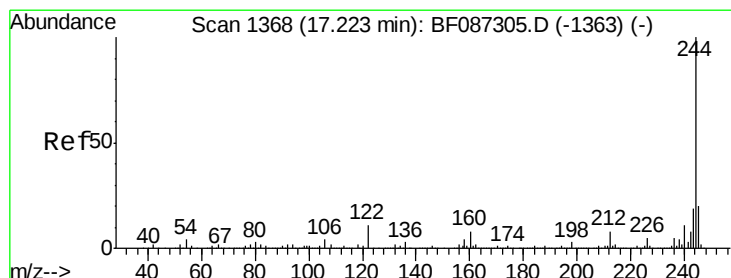
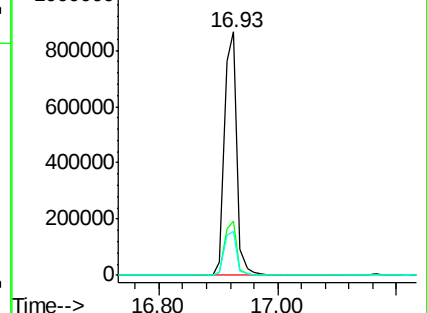
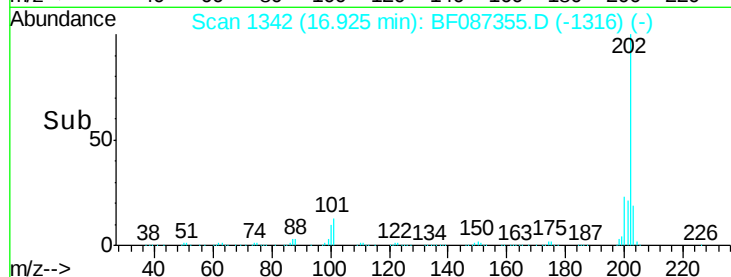
203 18.0 14.2 21.4



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: 90.33 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

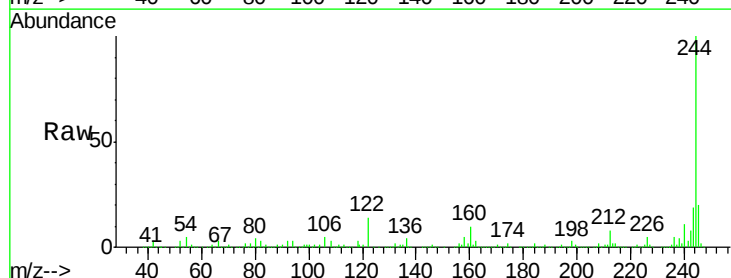
Tgt Ion:244 Resp: 1541348

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

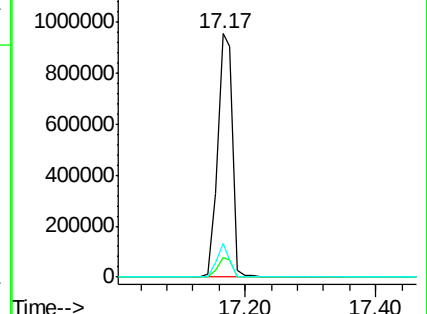
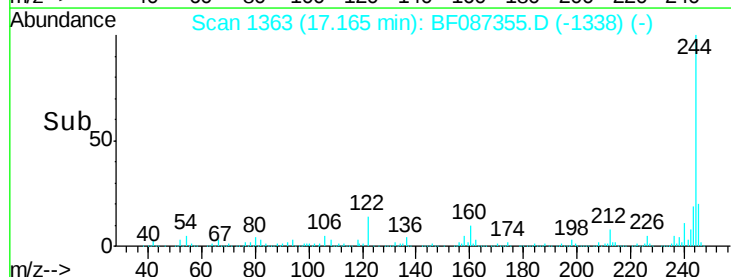
122 13.7 12.0 18.0

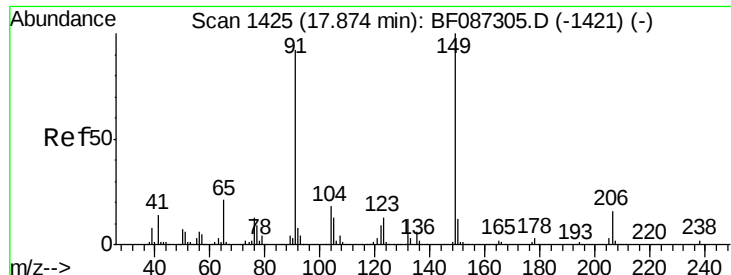


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

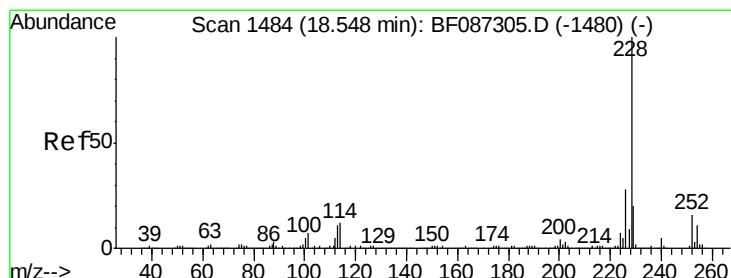
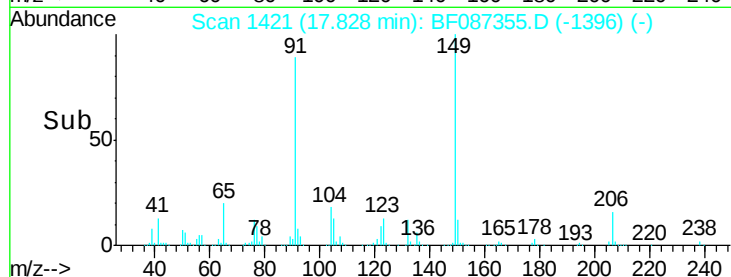
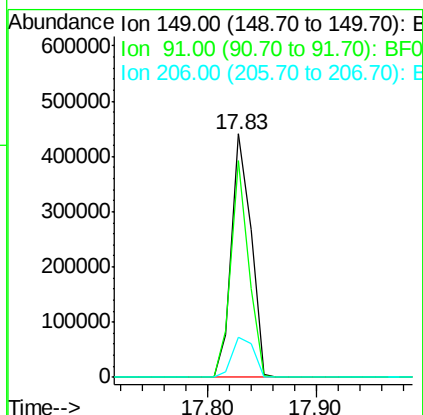
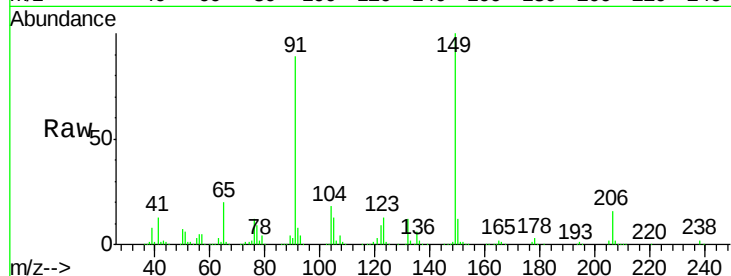




#79
Butylbenzylphthalate
Concen: 47.12 ng
RT: 17.83 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

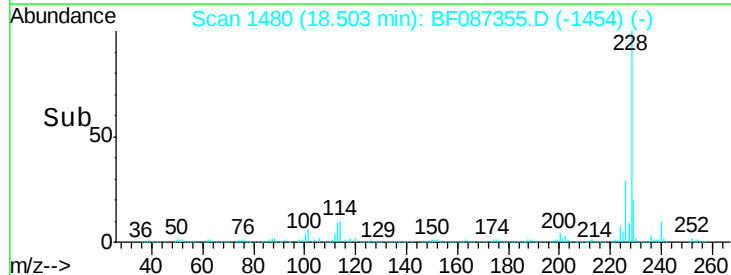
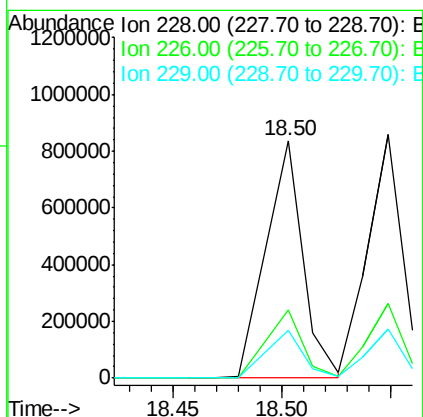
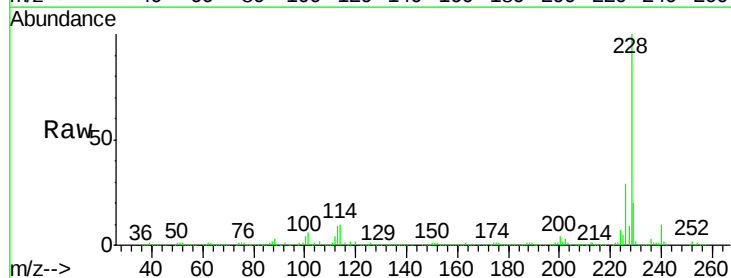
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

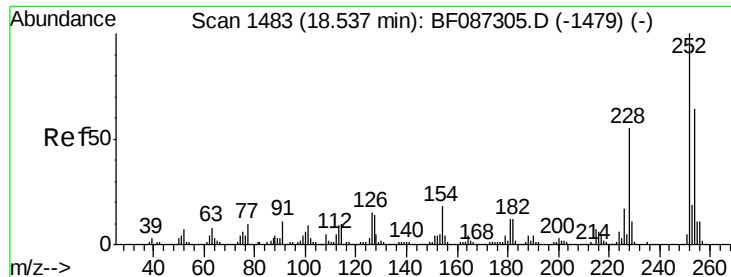
Tot Ion:149 Resp: 545662
Ion Ratio Lower Upper
149 100
91 88.9 48.0 72.0#
206 16.3 15.8 23.6



#80
Benzo(a)anthracene
Concen: 48.32 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:228 Resp: 997158
Ion Ratio Lower Upper
228 100
226 28.7 22.5 33.7
229 20.4 16.6 25.0

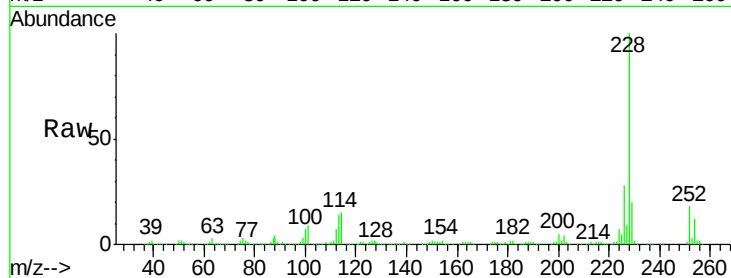




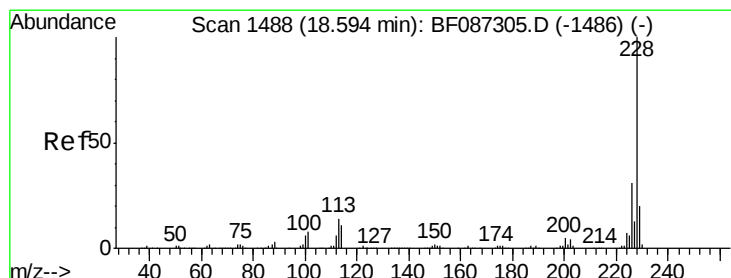
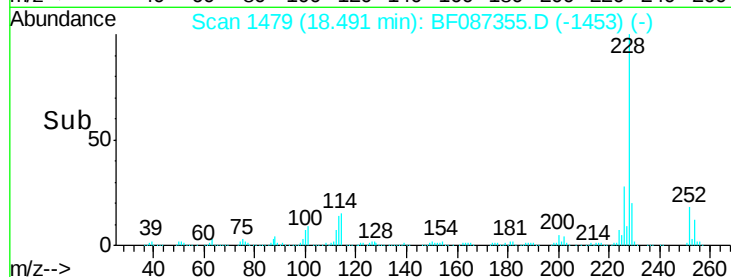
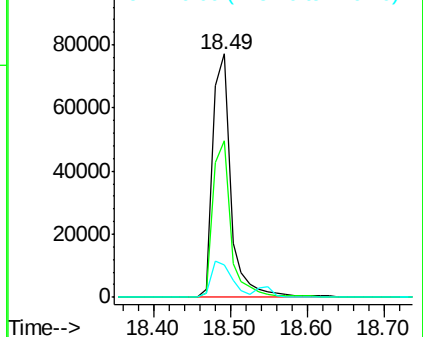
#81
 3,3'-Dichlorobenzidine
 Concen: 11.13 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion:252 Resp: 126897
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 13.1 12.7 19.1

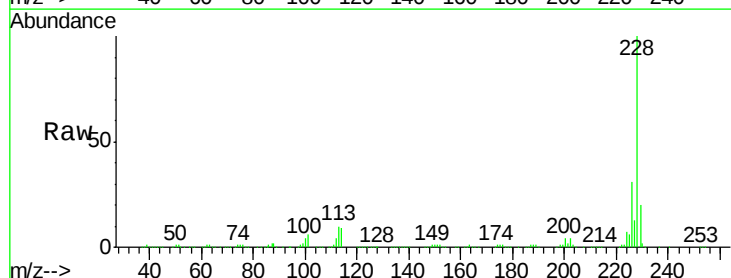


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

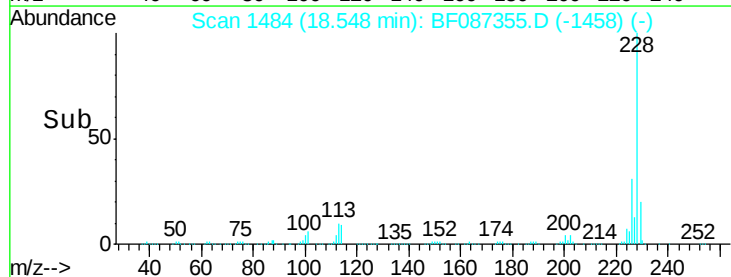
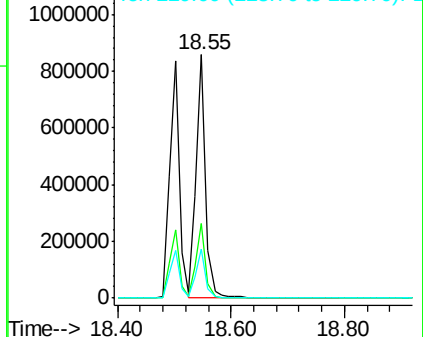


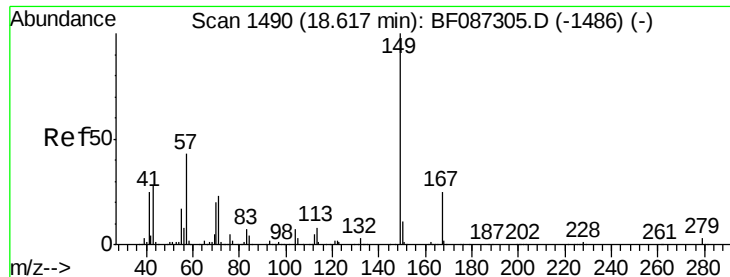
#82
 Chrysene
 Concen: 48.61 ng
 RT: 18.55 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion:228 Resp: 995500
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.3 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: 44.93 ng

RT: 18.57 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

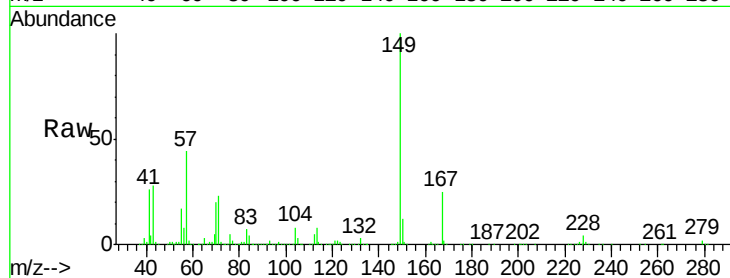
Tot Ion:149 Resp: 759149

Ion Ratio Lower Upper

149 100

167 24.7 21.8 32.6

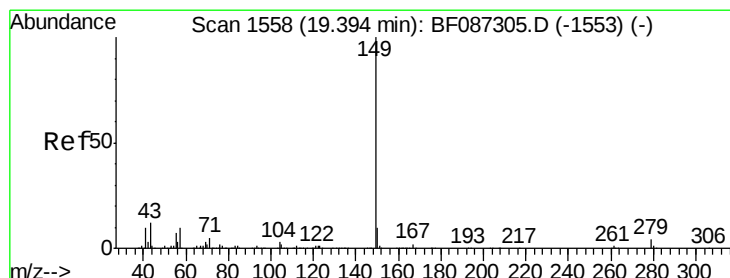
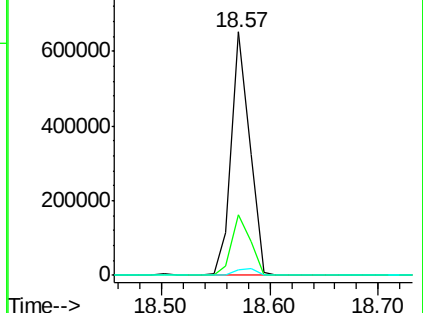
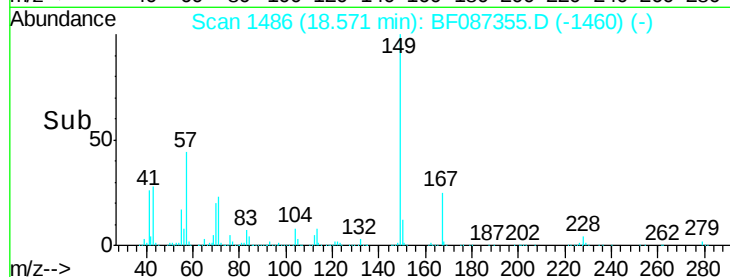
279 2.4 2.6 4.0#



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: 47.48 ng

RT: 19.35 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

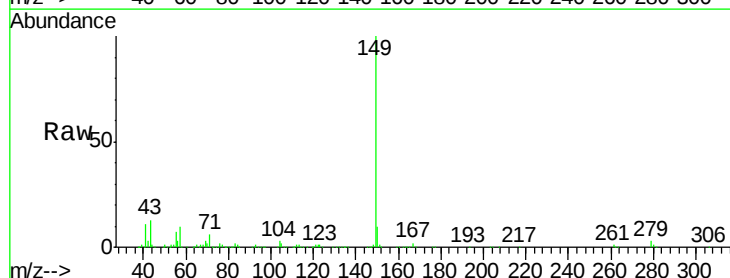
Tgt Ion:149 Resp: 1223533

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

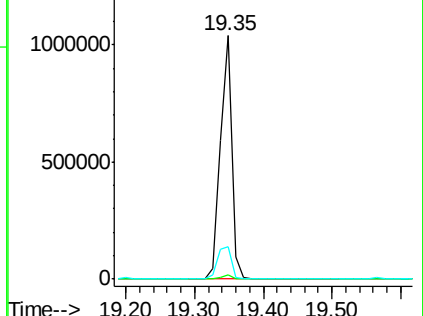
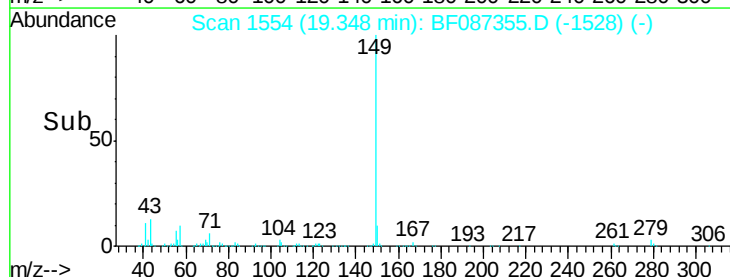
43 16.2 8.2 12.4#

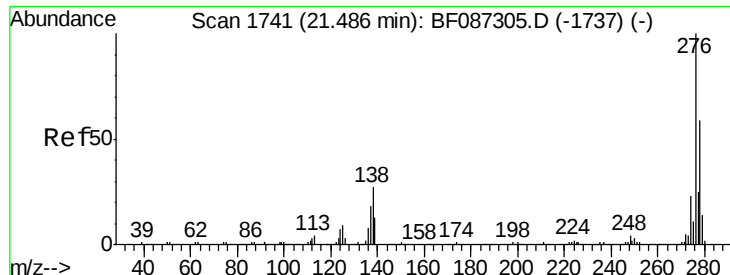


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

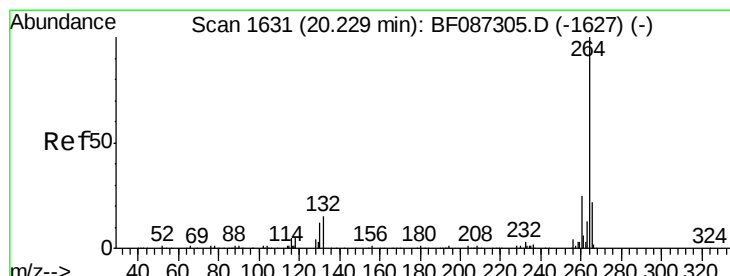
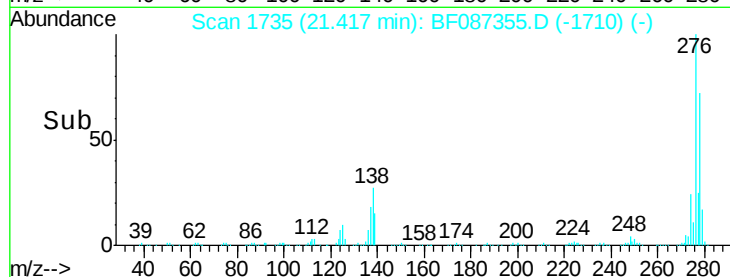
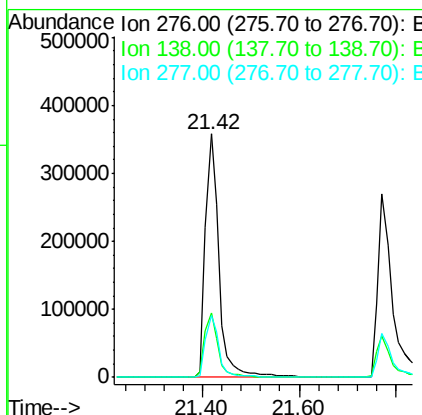
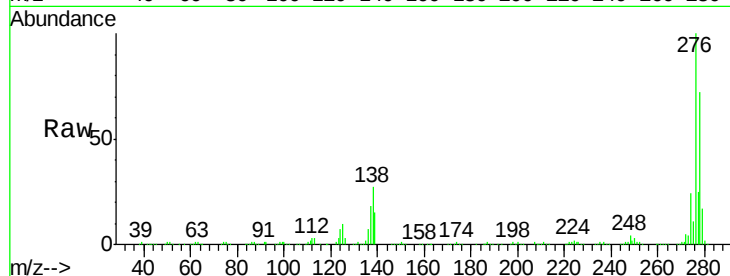




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.98 ng
 RT: 21.42 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

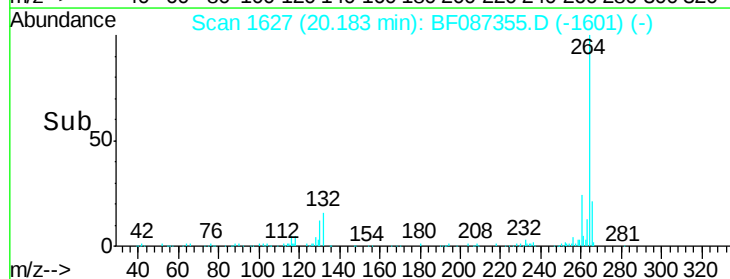
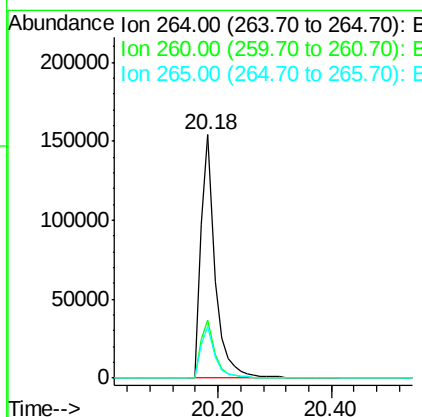
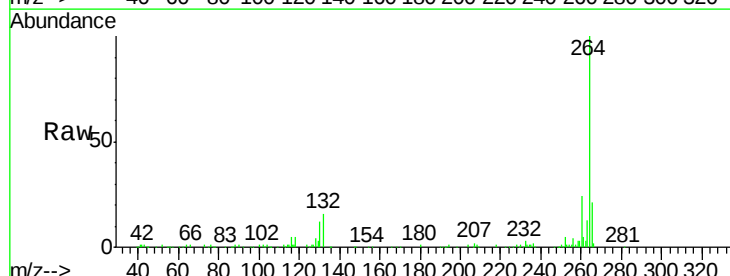
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1711(0-4)MSD

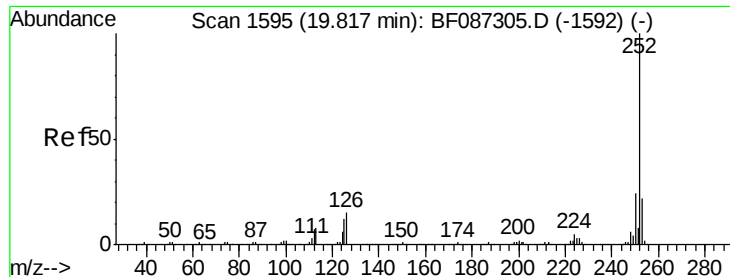
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.37 ng m

RT: 19.77 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1711(0-4)MSD

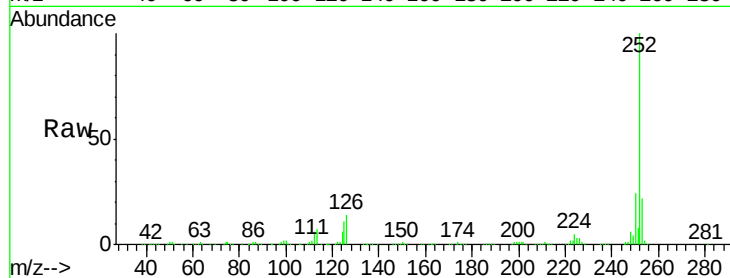
Tot Ion:252 Resp: 758468

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

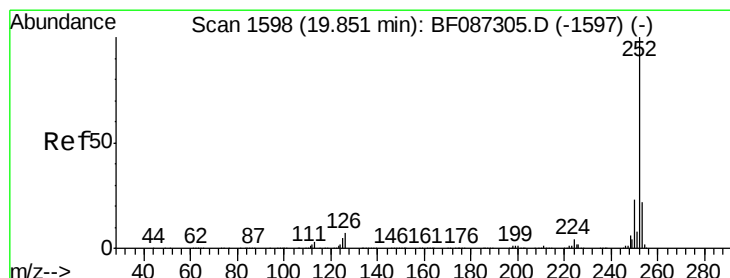
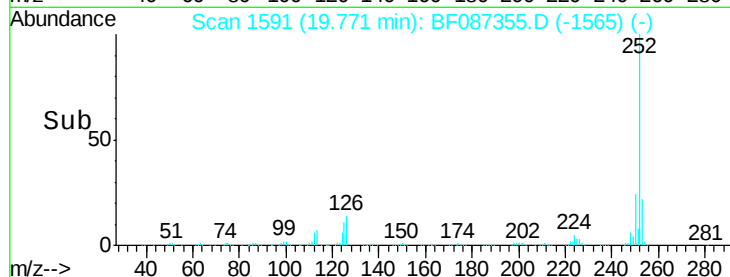
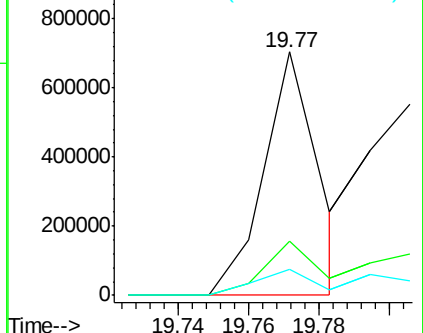
125 10.5 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 58.13 ng m

RT: 19.81 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF087355.D

Acq: 25 May 2016 00:49

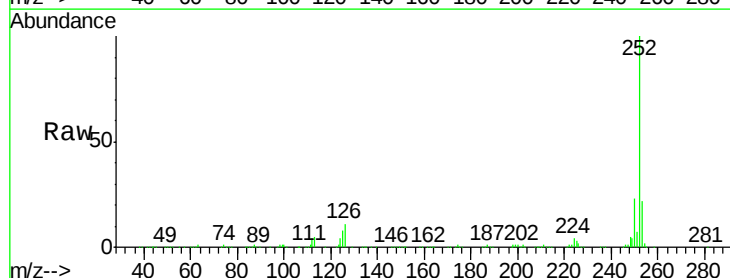
Tgt Ion:252 Resp: 818338

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

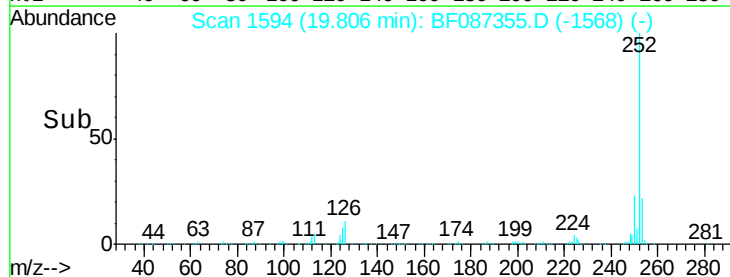
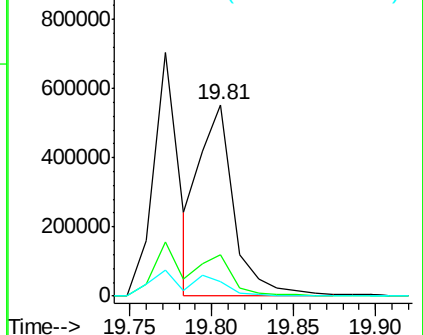
125 7.9 9.1 13.7#

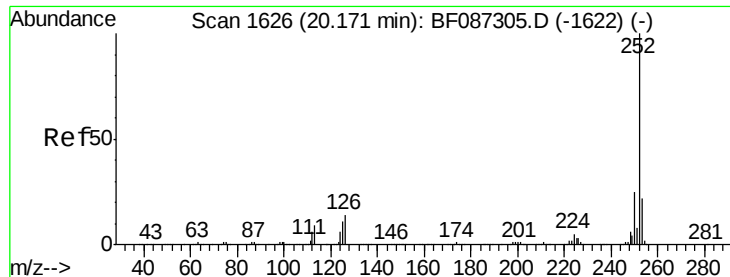


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

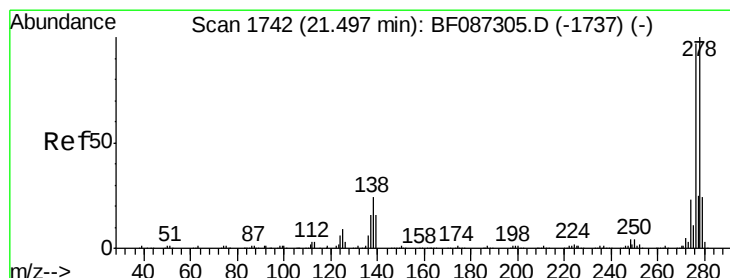
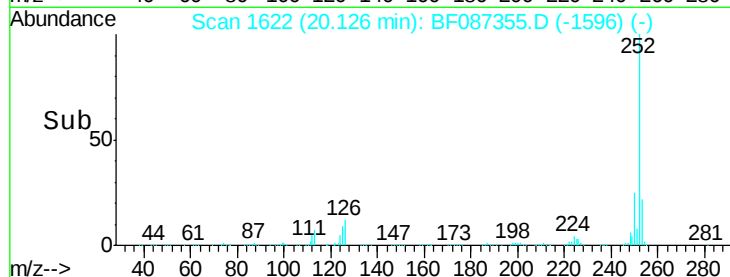
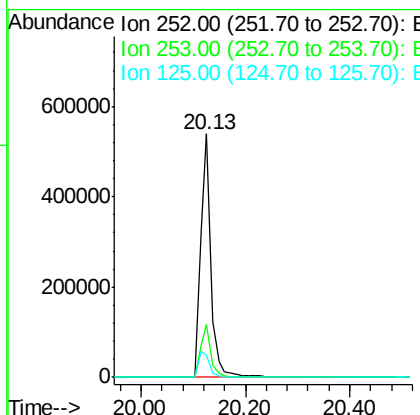
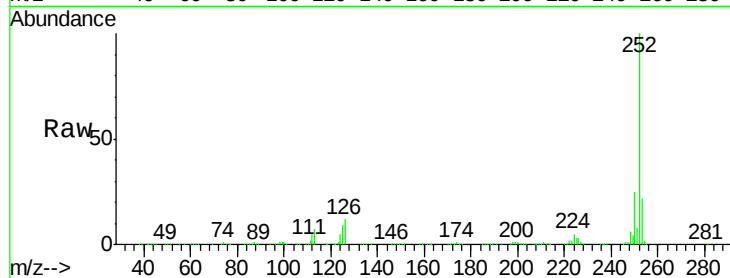




#89
Benzo(a)pyrene
Concen: 51.84 ng
RT: 20.13 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

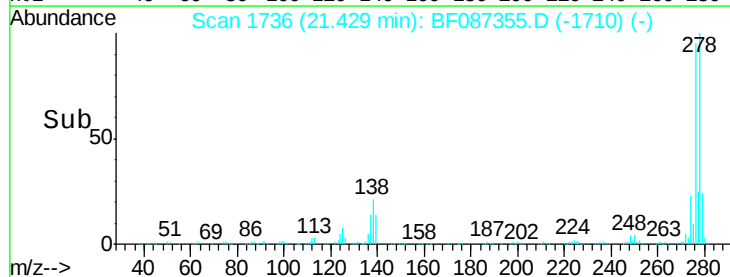
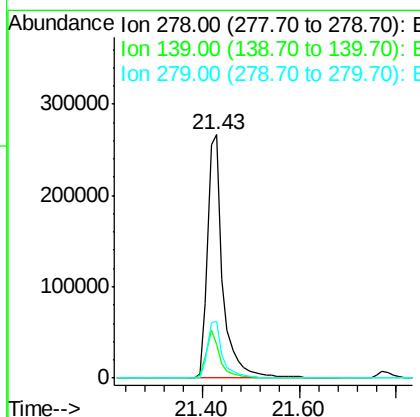
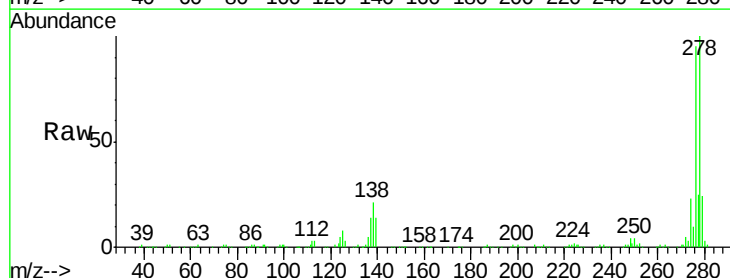
Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)MSD

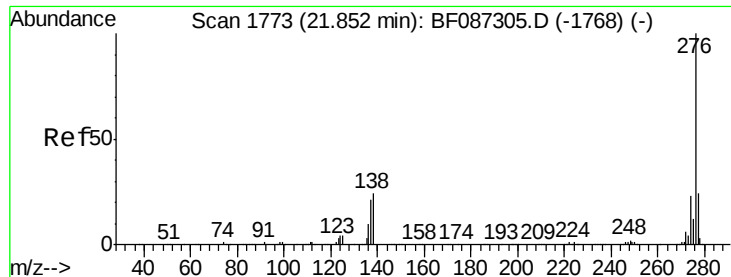
Tot Ion:252 Resp: 733298
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.2 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 49.39 ng
RT: 21.43 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BF087355.D
Acq: 25 May 2016 00:49

Tgt Ion:278 Resp: 595925
Ion Ratio Lower Upper
278 100
139 14.1 16.6 24.8#
279 23.6 19.6 29.4

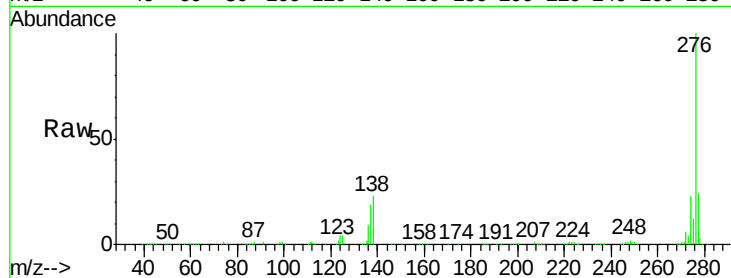




#91
 Benzo(a,h,i)perylene
 Concen: 49.54 ng
 RT: 21.77 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF087355.D
 Acq: 25 May 2016 00:49

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	22.8	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

