

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086991.D
 Acq On : 14 May 2016 1:15
 Operator : UM/SJ
 Sample : H2945-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Quant Time: May 14 01:40:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	137535	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	553517	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	274970	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	538948	20.00	ng	0.00
75) Chrysene-d12	13.76	240	414156	20.00	ng	0.00
86) Perylene-d12	15.11	264	340289	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	986654	121.49	ng	0.02
7) Phenol-d6	6.28	99	1226833	113.03	ng	0.00
23) Nitrobenzene-d5	7.19	82	925438	83.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	395865	135.99	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1421171	86.86	ng	0.00
78) Terphenyl-d14	12.71	244	1478056	75.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	132871	33.33	ng	# 65
3) Pyridine	2.87	79	210284	21.57	ng	# 63
4) n-Nitrosodimethylamine	2.78	42	304519	43.08	ng	# 49
6) Aniline	6.28	93	162551	12.38	ng	# 6
8) 2-Chlorophenol	6.41	128	390489	39.85	ng	97
9) Benzaldehyde	6.17	77	22343	3.55	ng	97
10) Phenol	6.30	94	501325	38.86	ng	72
11) bis(2-Chloroethyl)ether	6.36	93	435442	43.29	ng	92
12) 1,3-Dichlorobenzene	6.79	146	344934	32.53	ng	99
13) 1,4-Dichlorobenzene	6.79	146	349119	32.28	ng	98
14) 1,2-Dichlorobenzene	6.79	146	351999	37.34	ng	97
15) Benzyl Alcohol	6.78	79	372411	49.69	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	819054	37.45	ng	57
17) 2-Methylphenol	6.90	107	318648	40.86	ng	# 79
18) Hexachloroethane	7.12	117	140687	34.58	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	346843	45.73	ng	# 76
20) 3+4-Methylphenols	7.06	107	446937	43.88	ng	# 61
22) Acetophenone	7.04	105	595583	45.55	ng	99
24) Nitrobenzene	7.21	77	506537	44.67	ng	97
25) Isophorone	7.45	82	871557	42.61	ng	99
26) 2-Nitrophenol	7.53	139	215288	43.19	ng	96
27) 2,4-Dimethylphenol	7.59	122	364292	42.90	ng	93
28) bis(2-Chloroethoxy)methane	7.67	93	520809	47.21	ng	98
29) 2,4-Dichlorophenol	7.78	162	335348	44.87	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	346853	41.51	ng	99
31) Naphthalene	7.92	128	1108853	40.00	ng	99
32) Benzoic acid	7.75	122	238369	47.80	ng	88
33) 4-Chloroaniline	7.99	127	127869	11.87	ng	# 93
34) Hexachlorobutadiene	8.04	225	189427	39.07	ng	99
35) Caprolactam	8.38	113	56801	22.34	ng	# 57
36) 4-Chloro-3-methylphenol	8.49	107	377693	41.67	ng	89
37) 2-Methylnaphthalene	8.62	142	787881	48.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	318986	39.90	ng	99
40) Hexachlorocyclopentadiene	8.76	237	252133	66.44	ng	95

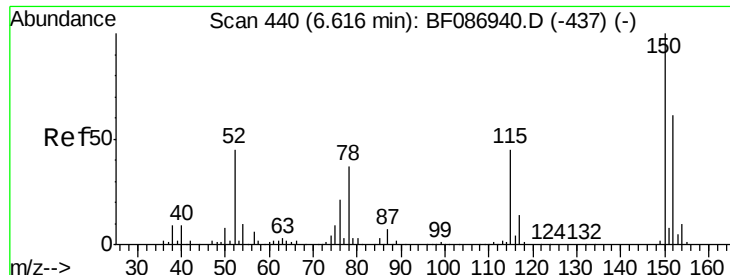
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 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	221131	41.36	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	246759	44.63	ng	96
45) 1,1'-Biphenyl	9.08	154	991258	45.32	ng	100
46) 2-Chloronaphthalene	9.11	162	730134	42.61	ng	98
47) 2-Nitroaniline	9.21	65	280948	44.86	ng	# 74
48) Acenaphthylene	9.52	152	1116963	44.32	ng	99
49) Dimethylphthalate	9.39	163	879597	41.93	ng	99
50) 2,6-Dinitrotoluene	9.45	165	193919	43.92	ng	# 64
51) Acenaphthene	9.68	154	706809	45.08	ng	98
52) 3-Nitroaniline	9.62	138	106754	22.97	ng	# 77
53) 2,4-Dinitrophenol	9.74	184	207679	90.89	ng	# 80
54) Dibenzofuran	9.86	168	1016782	50.52	ng	100
55) 4-Nitrophenol	9.82	139	250116	80.66	ng	# 48
56) 2,4-Dinitrotoluene	9.86	165	265234	48.55	ng	91
57) Fluorene	10.19	166	752781	43.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	215906	51.87	ng	97
59) Diethylphthalate	10.09	149	873754	42.74	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	342380	46.14	ng	98
61) 4-Nitroaniline	10.24	138	192617	43.15	ng	# 66
62) Azobenzene	10.35	77	1065258	48.30	ng	87
64) 4,6-Dinitro-2-methylphenol	10.27	198	148131	44.24	ng	91
65) n-Nitrosodiphenylamine	10.32	169	724017	43.73	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	235423	43.08	ng	# 82
67) Hexachlorobenzene	10.74	284	255882	40.07	ng	# 77
68) Atrazine	10.86	200	248265	44.89	ng	94
69) Pentachlorophenol	10.95	266	281783	95.48	ng	99
70) Phenanthrene	11.15	178	1218798	42.38	ng	100
71) Anthracene	11.20	178	1262317	42.91	ng	99
72) Carbazole	11.37	167	1243256	49.17	ng	99
73) Di-n-butylphthalate	11.70	149	1276141	41.33	ng	# 98
74) Fluoranthene	12.33	202	1197933	40.50	ng	99
76) Benzidine	12.47	184	108848	10.31	ng	97
77) Pyrene	12.56	202	1244300	39.24	ng	99
79) Butylbenzylphthalate	13.19	149	546940	40.78	ng	# 69
80) Benzo(a)anthracene	13.75	228	1024612	44.07	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	205060	13.88	ng	98
82) Chrysene	13.78	228	987082	41.74	ng	98
83) Bis(2-ethylhexyl)phthalate	13.75	149	673904	41.77	ng	# 95
84) Di-n-octyl phthalate	14.37	149	1274034	47.68	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.37	276	864166	43.92	ng	94
87) Benzo(b)fluoranthene	14.78	252	1881557	85.08	ng	# 93
88) Benzo(k)fluoranthene	14.78	252	1882570	103.96	ng	# 96
89) Benzo(a)pyrene	15.06	252	849685	44.54	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	719102	44.73	ng	# 93
91) Benzo(g,h,i)perylene	16.73	276	741850	45.41	ng	95

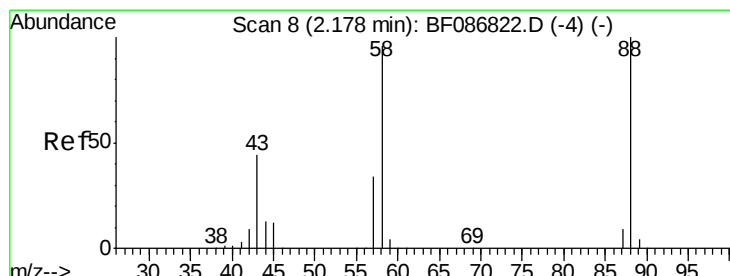
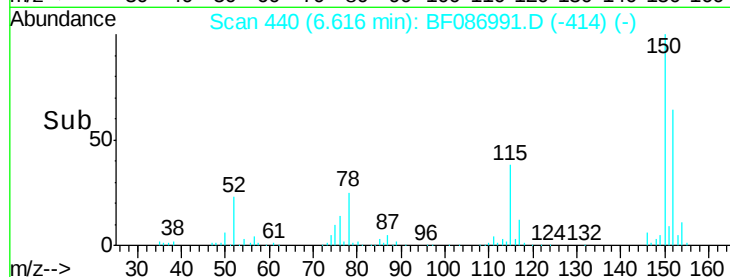
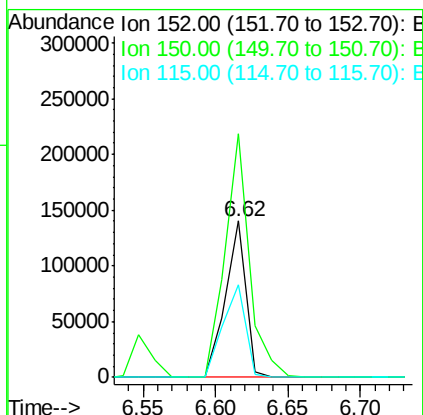
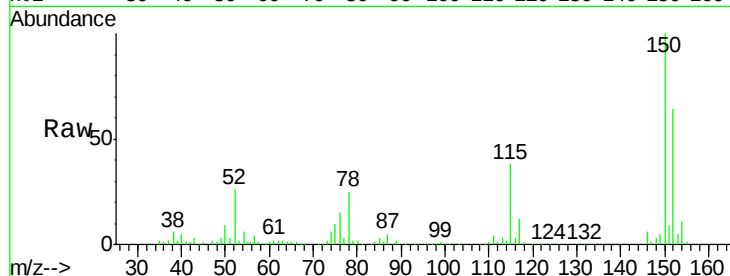
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

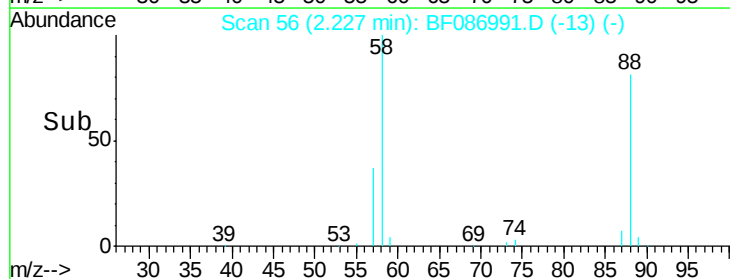
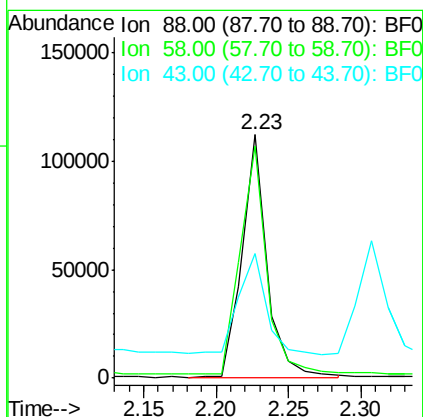
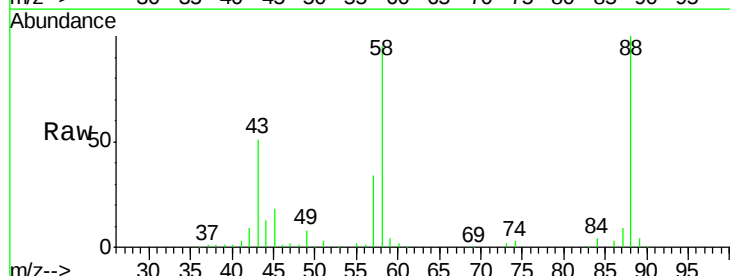
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

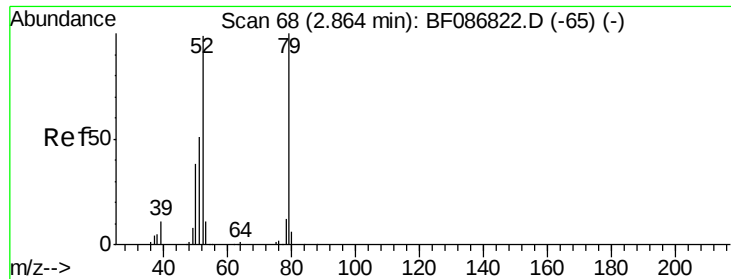
Tgt Ion: 152 Resp: 137535
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.8 188.6
 115 59.3 51.5 77.3



#2
 1,4-Dioxane
 Concen: 33.33 ng
 RT: 2.23 min Scan# 56
 Delta R.T. 0.19 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion: 88 Resp: 132871
 Ion Ratio Lower Upper
 88 100
 58 98.3 59.6 89.4#
 43 0.0 21.8 32.6#





#3

Pyridine

Concen: 21.57 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.19 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

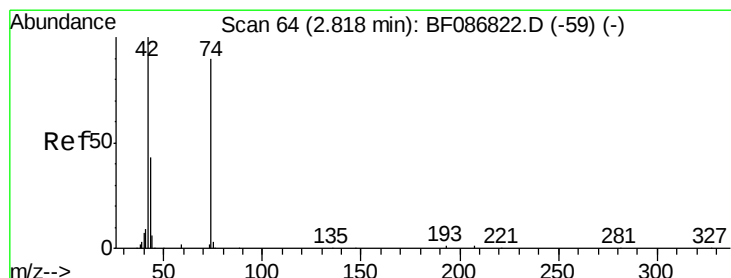
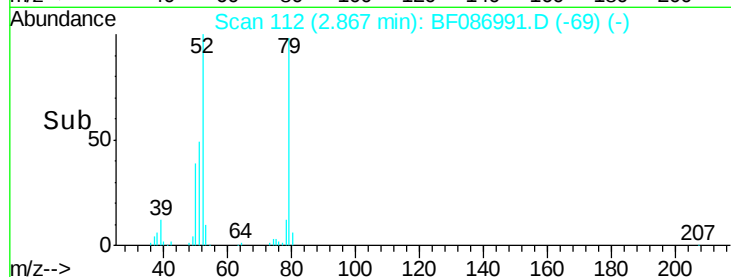
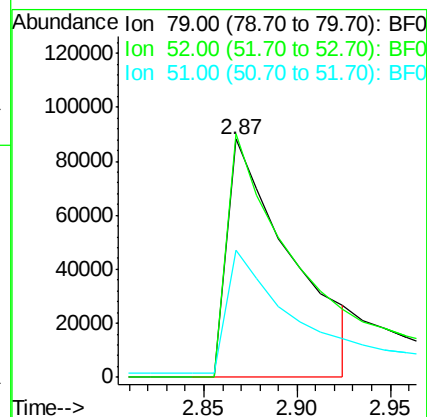
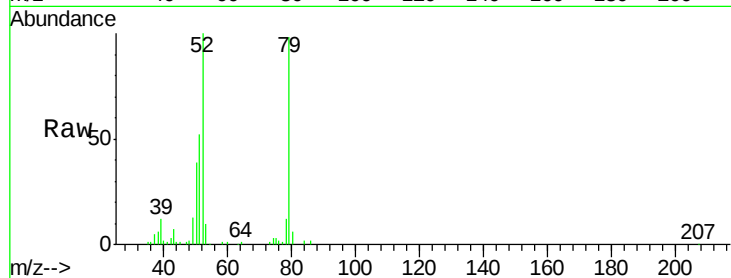
Tgt Ion: 79 Resp: 210284

Ion Ratio Lower Upper

79 100

52 102.3 55.9 83.9#

51 53.3 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 43.08 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.14 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

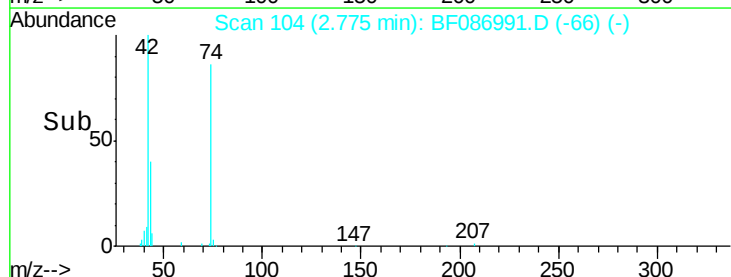
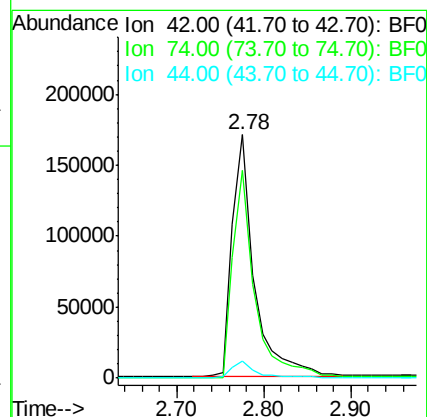
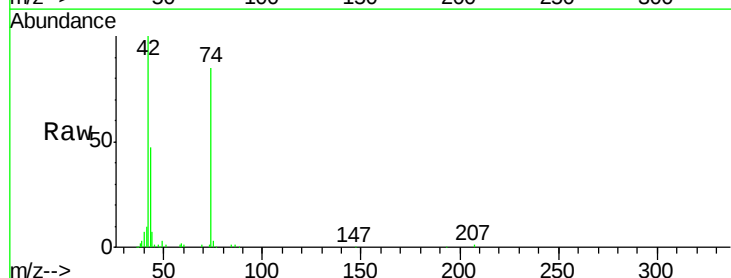
Tgt Ion: 42 Resp: 304519

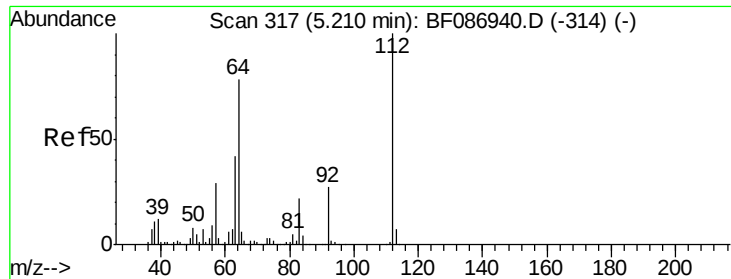
Ion Ratio Lower Upper

42 100

74 85.5 123.4 185.0#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 121.49 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

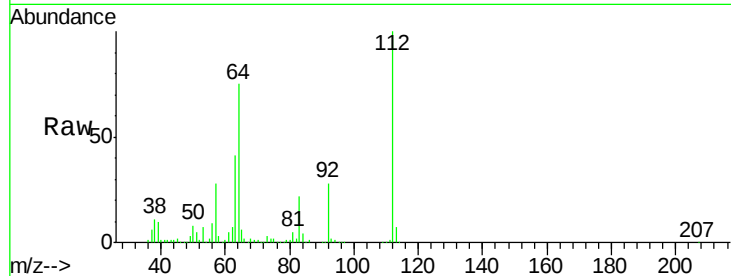
Tgt Ion:112 Resp: 986654

Ion Ratio Lower Upper

112 100

64 74.6 52.1 78.1

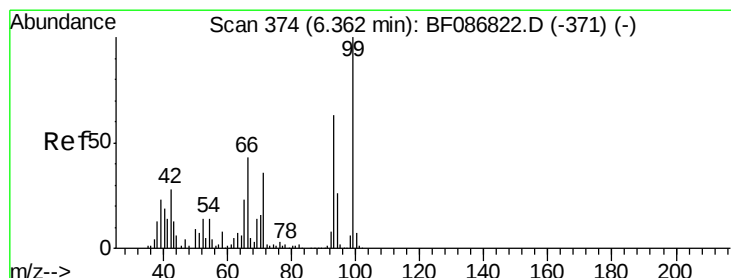
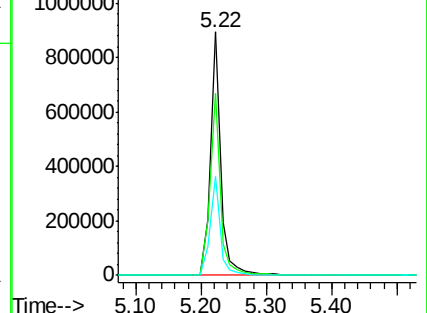
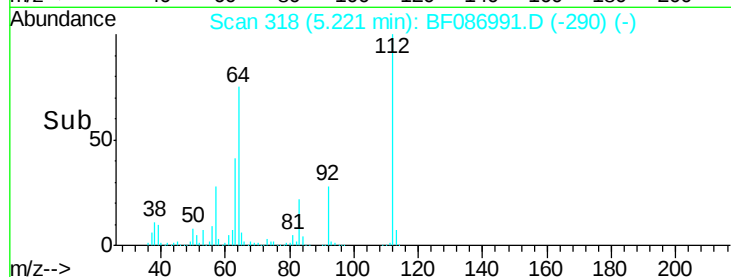
63 40.6 25.7 38.5#



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: 12.38 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

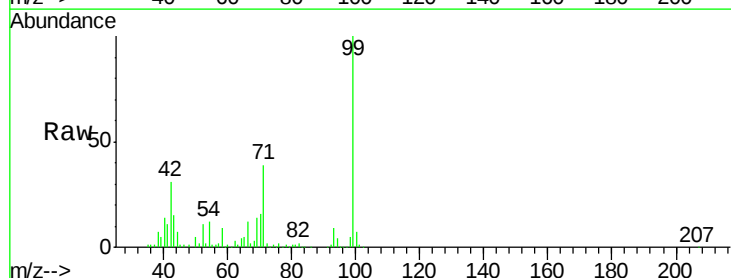
Tgt Ion: 93 Resp: 162551

Ion Ratio Lower Upper

93 100

66 129.6 39.0 58.6#

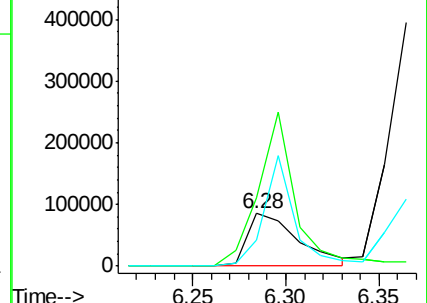
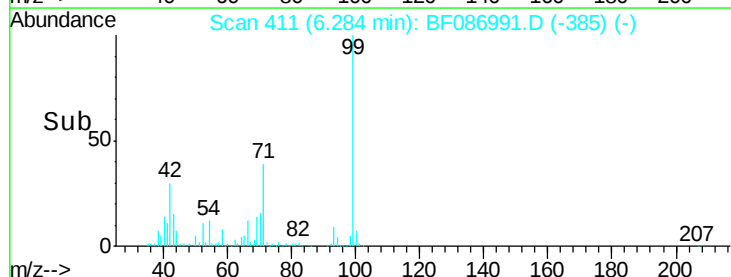
65 49.5 20.6 31.0#

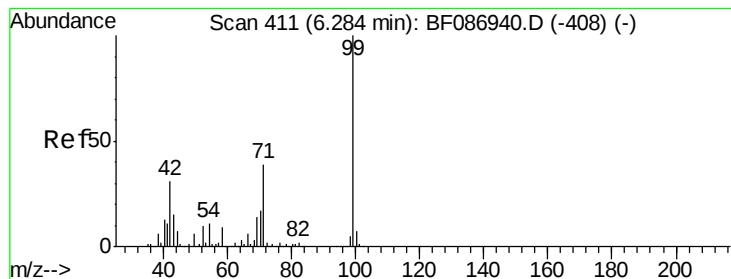


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.03 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

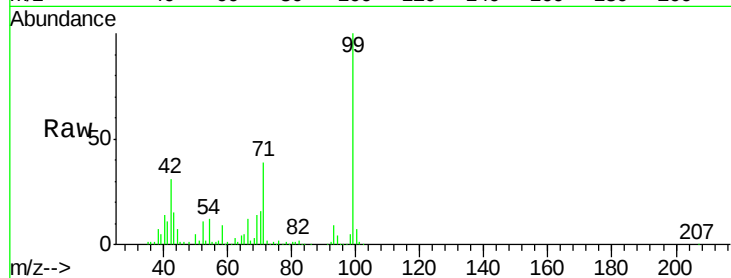
Tgt Ion: 99 Resp: 1226833

Ion Ratio Lower Upper

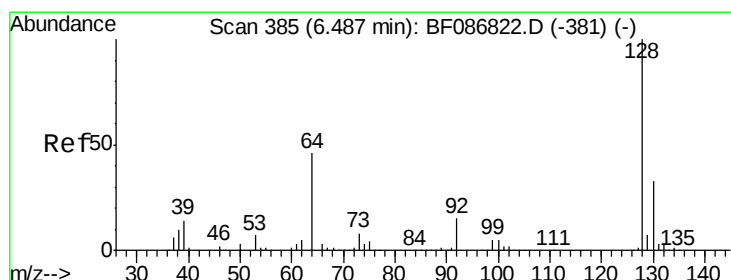
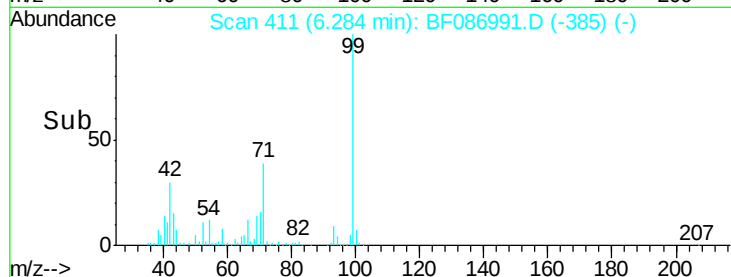
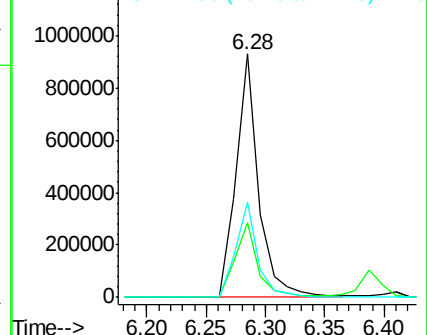
99 100

42 30.5 13.6 20.4#

71 38.8 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: 39.85 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

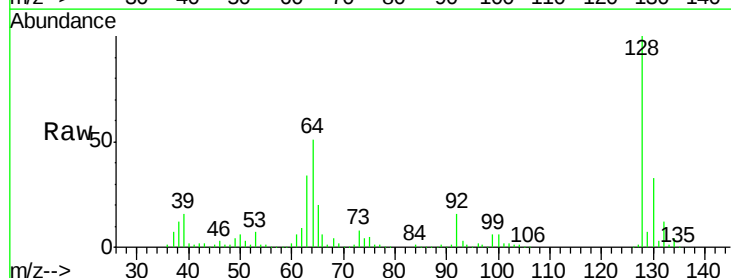
Tgt Ion: 128 Resp: 390489

Ion Ratio Lower Upper

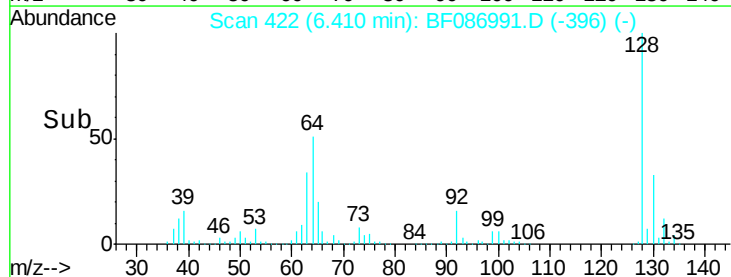
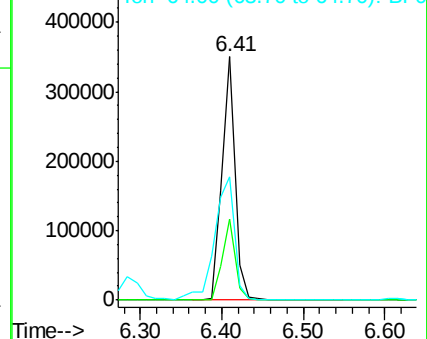
128 100

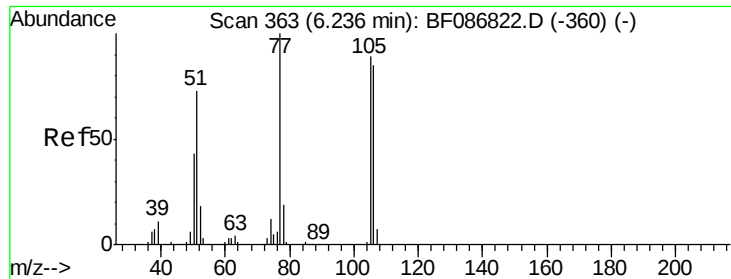
130 33.3 12.5 52.5

64 50.6 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: 3.55 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

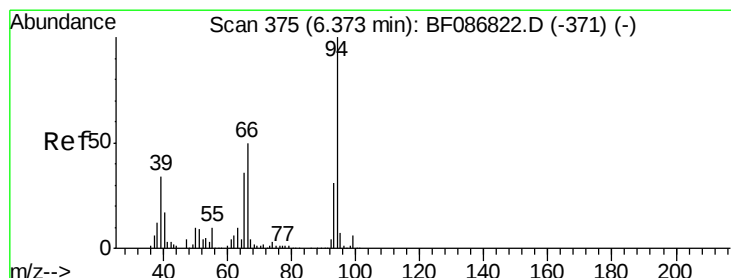
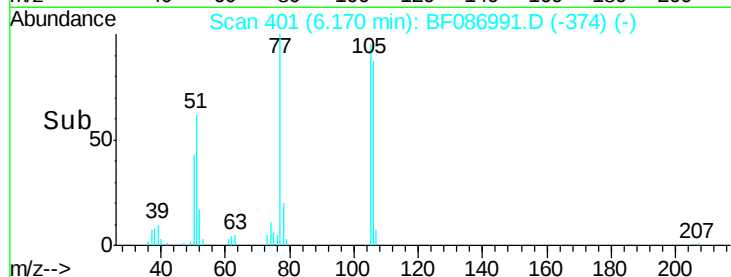
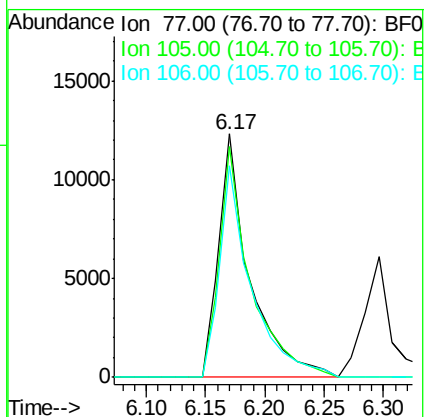
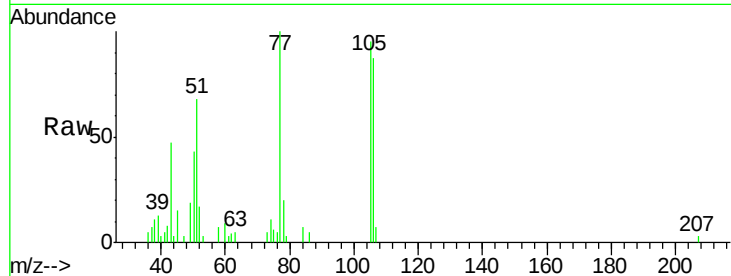
Tgt Ion: 77 Resp: 22343

Ion Ratio Lower Upper

77 100

105 95.0 72.7 112.7

106 87.0 70.8 110.8



#10

Phenol

Concen: 38.86 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

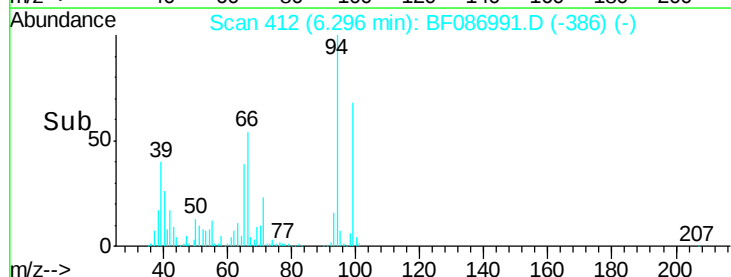
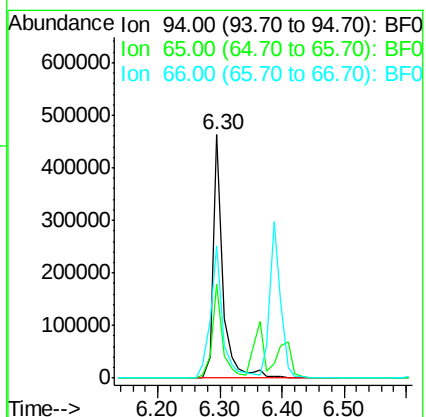
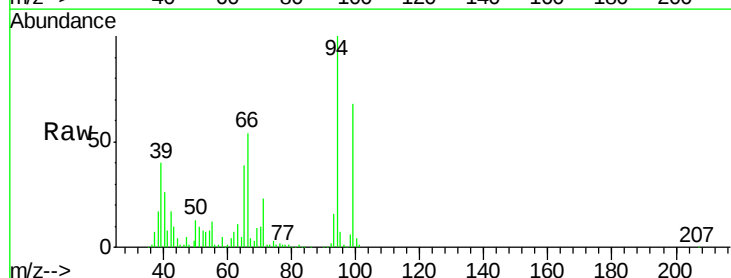
Tgt Ion: 94 Resp: 501325

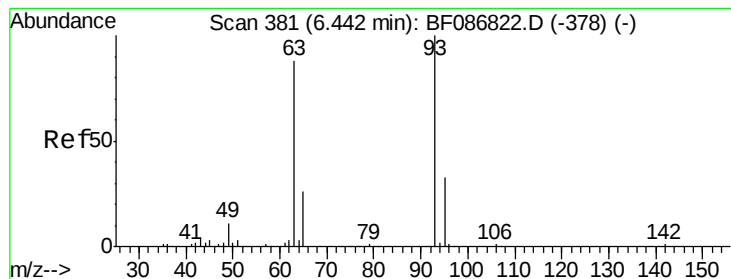
Ion Ratio Lower Upper

94 100

65 38.5 7.2 47.2

66 54.1 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 43.29 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

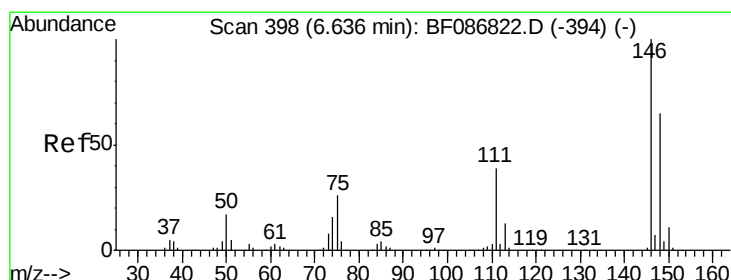
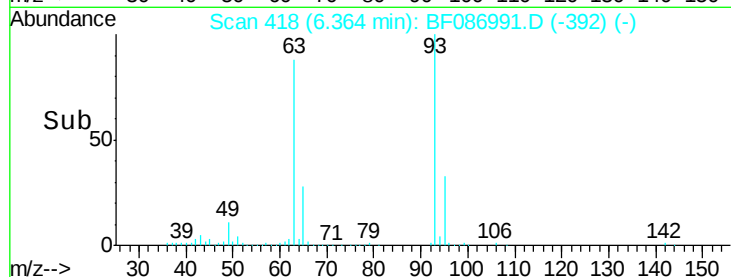
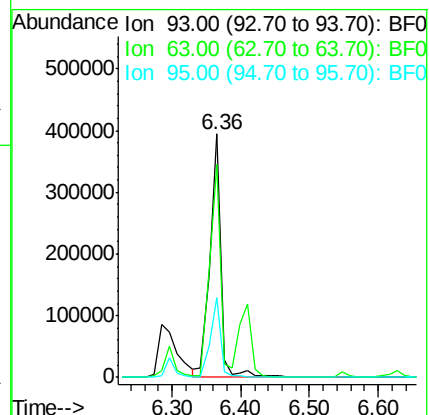
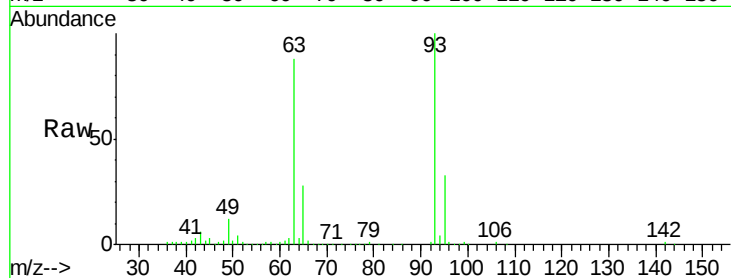
Tgt Ion: 93 Resp: 435442

Ion Ratio Lower Upper

93 100

63 87.7 58.0 98.0

95 32.5 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 32.53 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.24 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

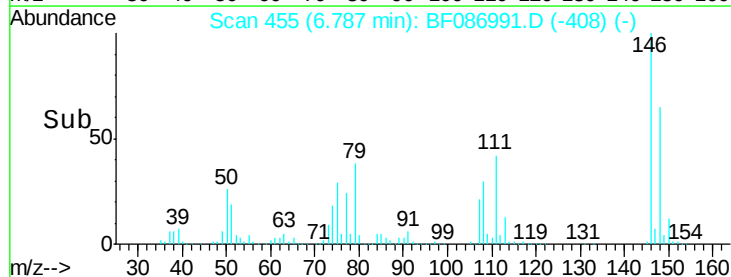
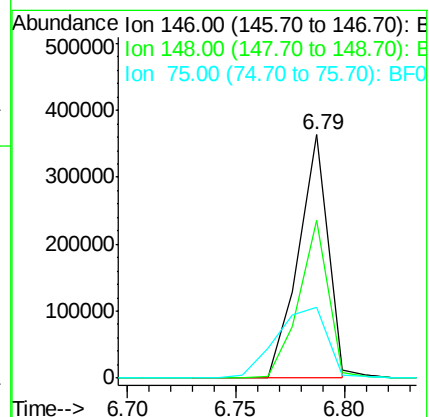
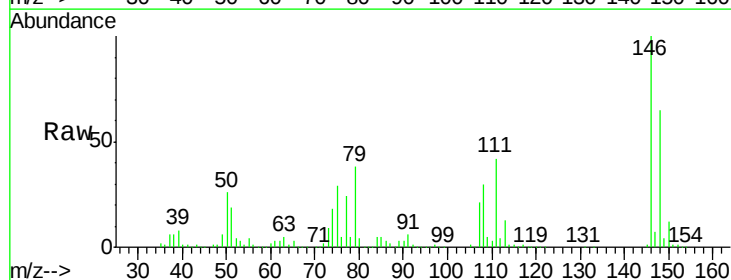
Tgt Ion: 146 Resp: 344934

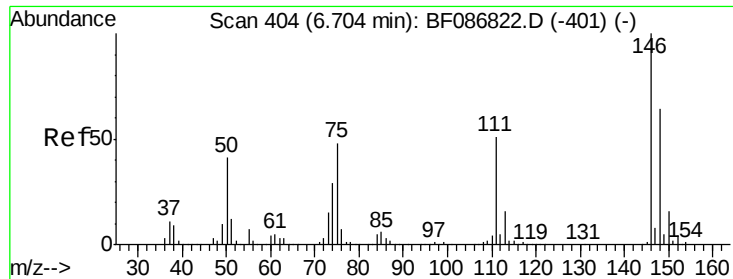
Ion Ratio Lower Upper

146 100

148 65.1 52.4 78.6

75 29.3 22.8 34.2

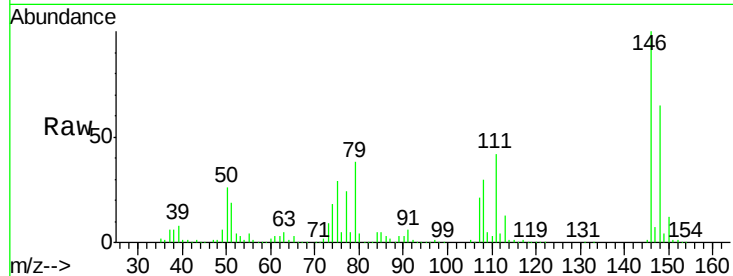




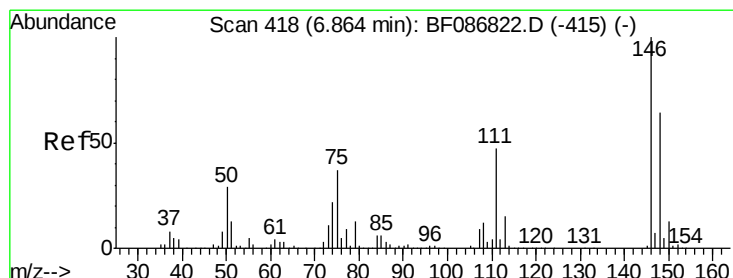
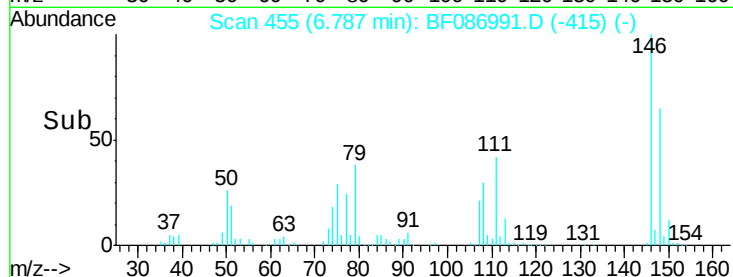
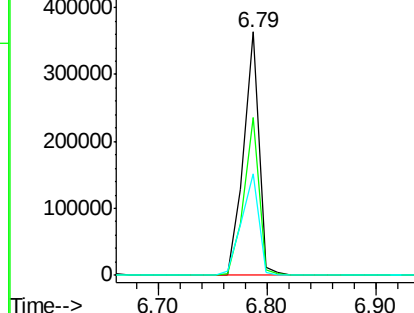
#13
 1,4-Dichlorobenzene
 Concen: 32.28 ng
 RT: 6.79 min Scan# 455
 Delta R.T. 0.16 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tgt Ion:146 Resp: 349119
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 41.9 30.7 46.1

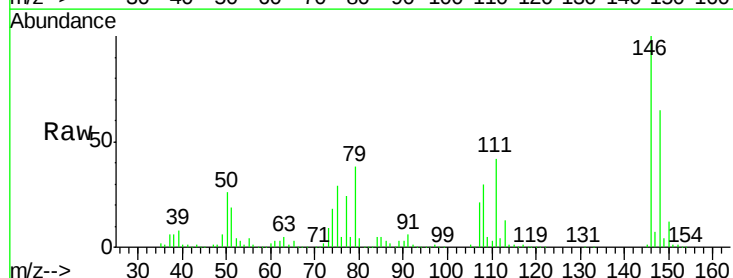


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

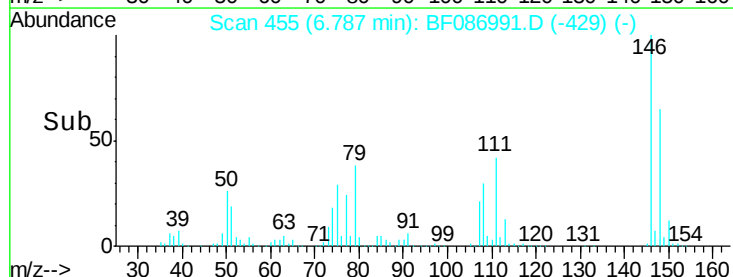
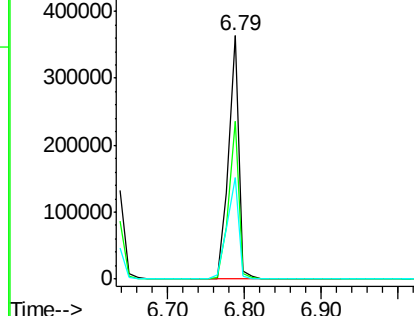


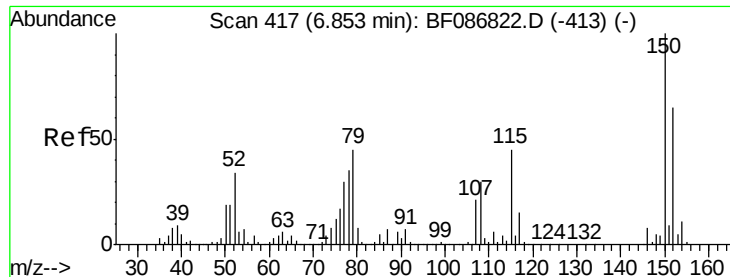
#14
 1,2-Dichlorobenzene
 Concen: 37.34 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:146 Resp: 351999
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.0 76.6
 111 41.9 36.2 54.4



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

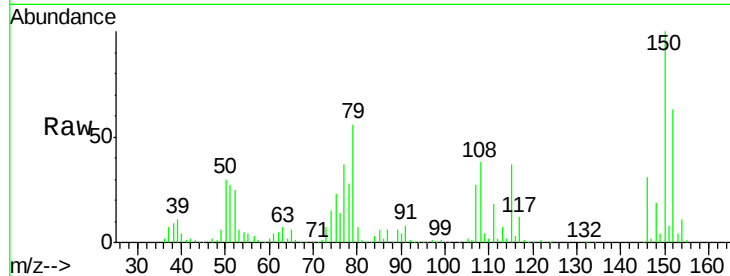




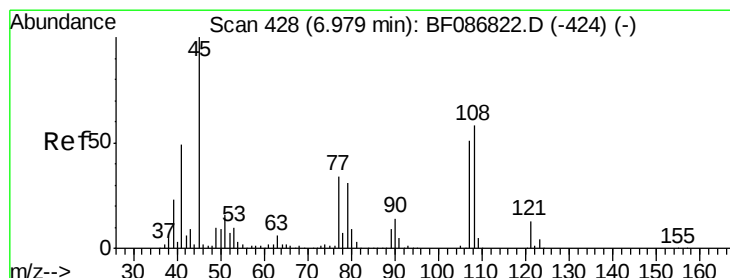
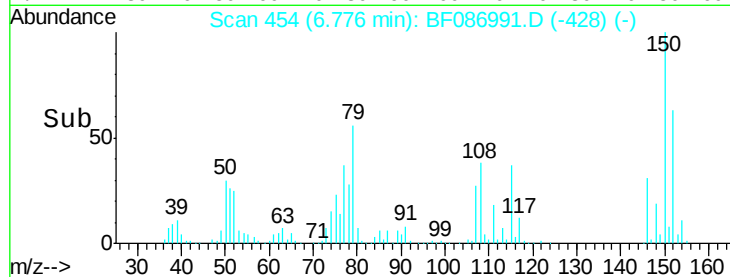
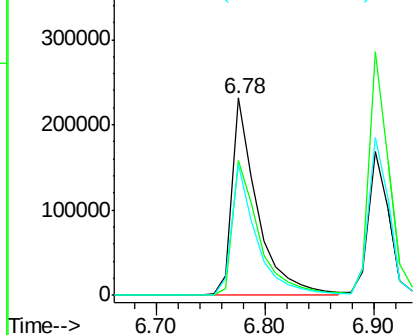
#15
Benzyl Alcohol
Concen: 49.69 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tgt Ion: 79 Resp: 372411
Ion Ratio Lower Upper
79 100
108 68.1 68.4 102.6#
77 66.4 50.6 76.0

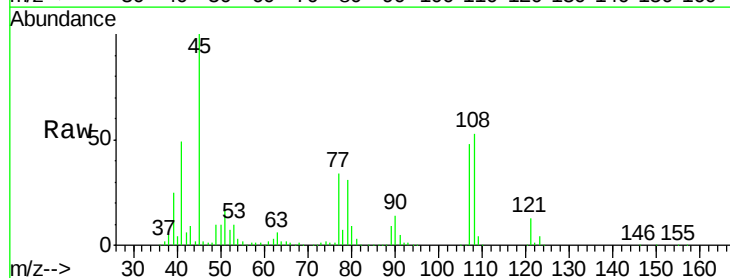


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

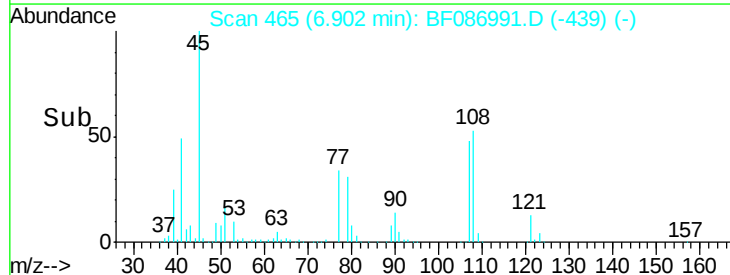
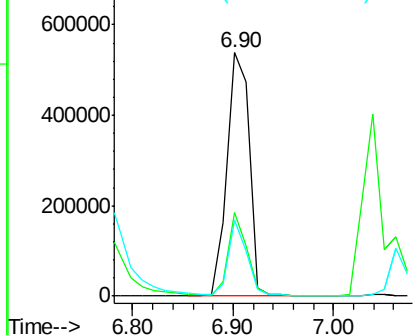


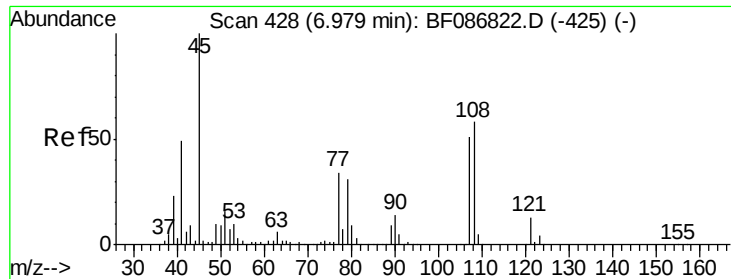
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.45 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion: 45 Resp: 819054
Ion Ratio Lower Upper
45 100
77 34.3 0.0 36.4
79 31.4 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

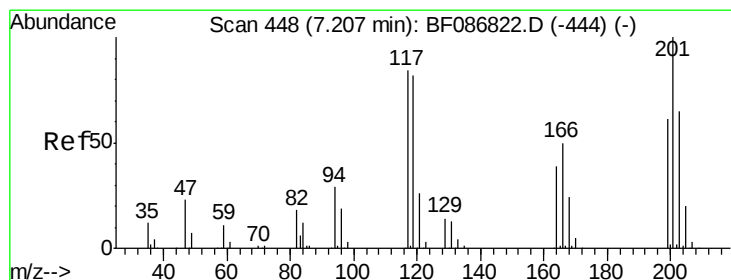
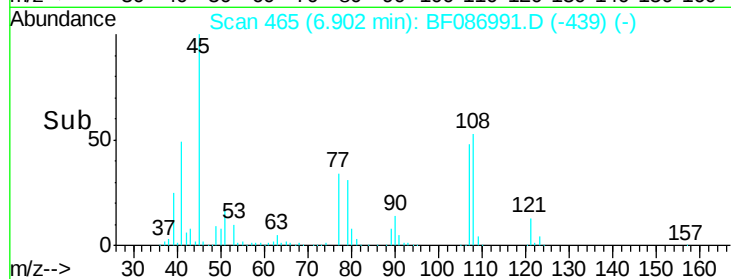
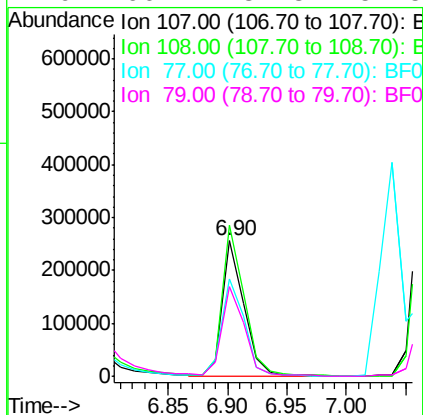
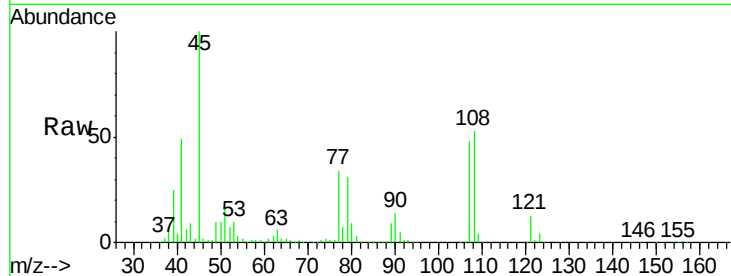




#17
2-Methylphenol
Concen: 40.86 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

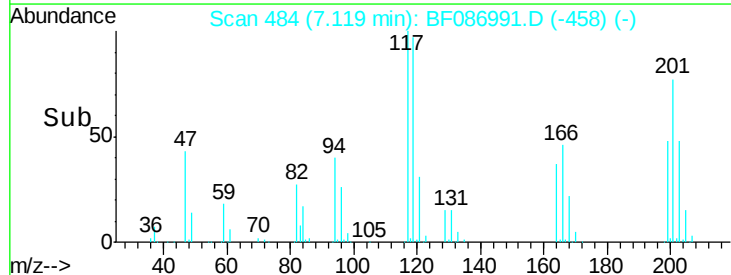
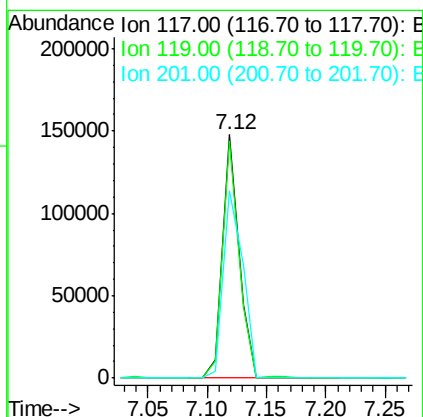
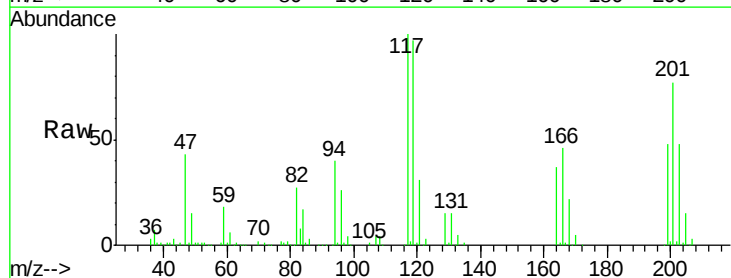
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

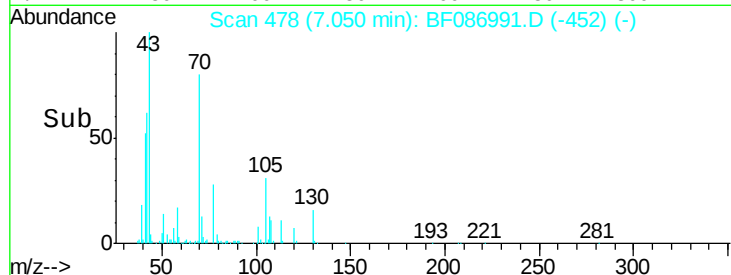
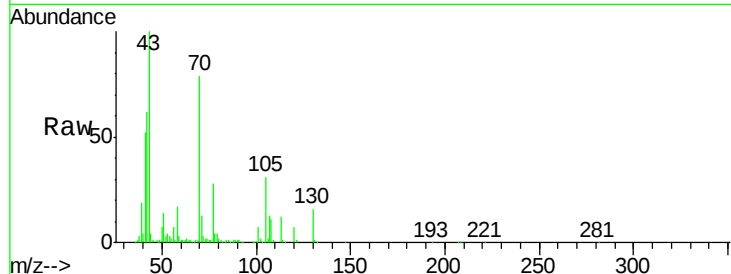
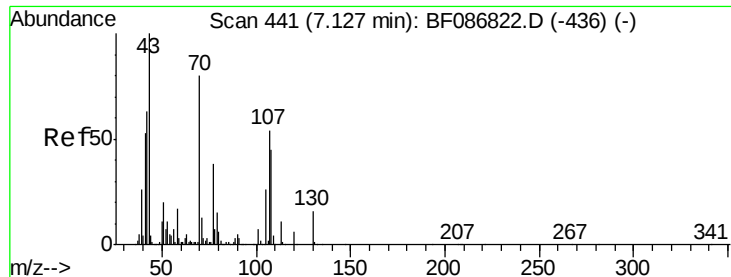
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.6	93.7	140.5
77	72.2	33.4	50.0#
79	66.1	34.3	51.5#



#18
Hexachloroethane
Concen: 34.58 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.5	114.7
201	76.9	63.0	94.6

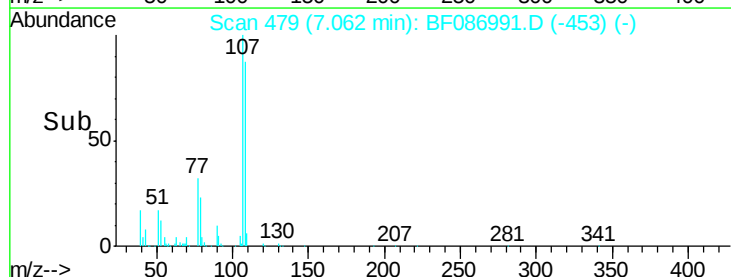
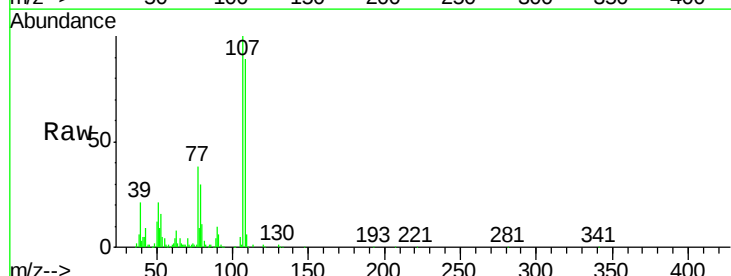
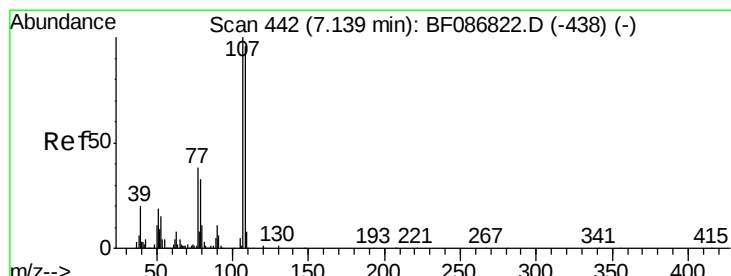
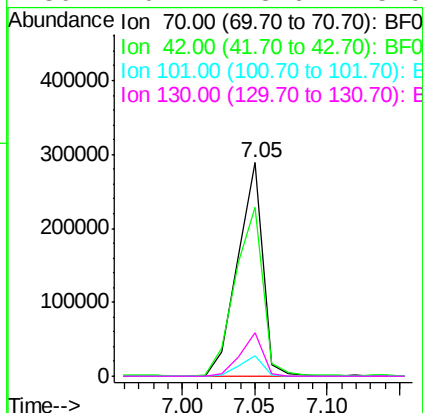




#19
n-Nitroso-di-n-propylamine
Concen: 45.73 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

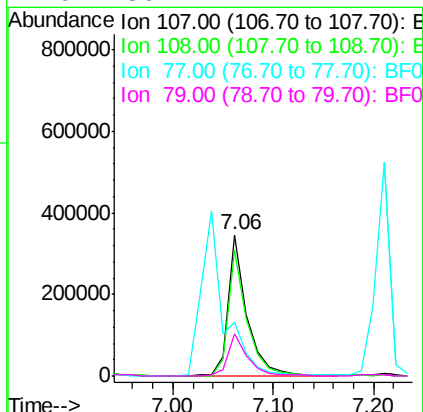
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

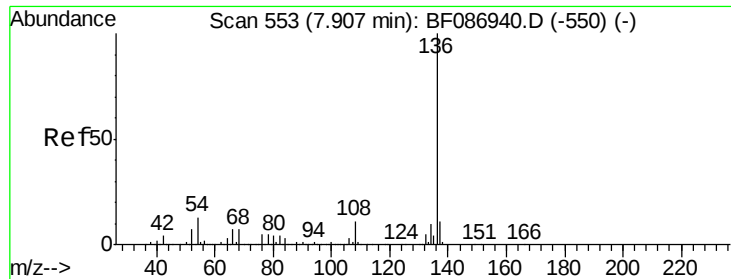
Tgt Ion:	70	Resp:	346843
Ion Ratio	Lower	Upper	
70	100		
42	79.0	43.1	64.7#
101	9.4	8.1	12.1
130	20.1	18.6	28.0



#20
3+4-Methylphenols
Concen: 43.88 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:	107	Resp:	446937
Ion Ratio	Lower	Upper	
107	100		
108	88.7	68.5	108.5
77	37.9	101.6	141.6#
79	30.1	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

Tgt Ion:136 Resp: 553517

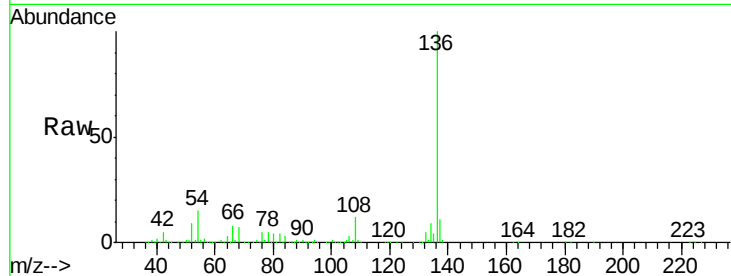
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.8 5.0 7.4#

68 7.5 4.4 6.6#

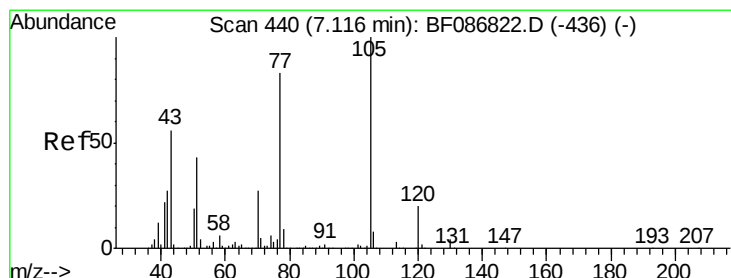
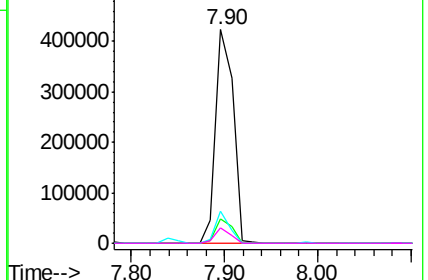
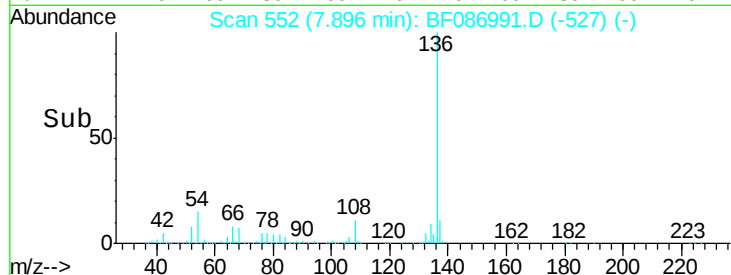


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.55 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Tgt Ion:105 Resp: 595583

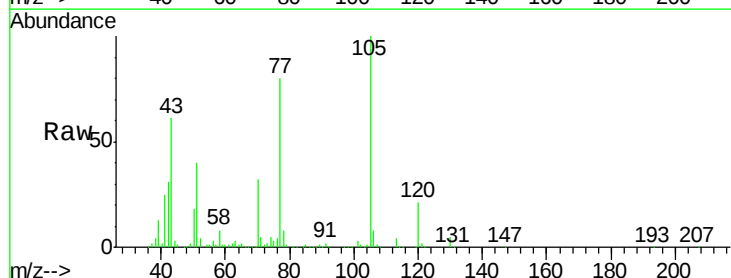
Ion Ratio Lower Upper

105 100

71 5.4 4.8 7.2

51 40.3 32.6 49.0

120 20.8 16.5 24.7

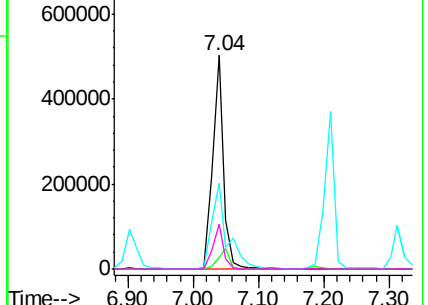
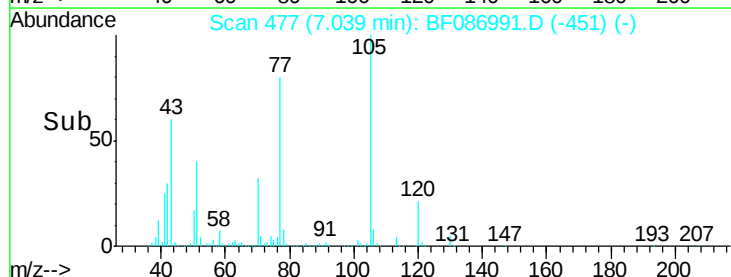


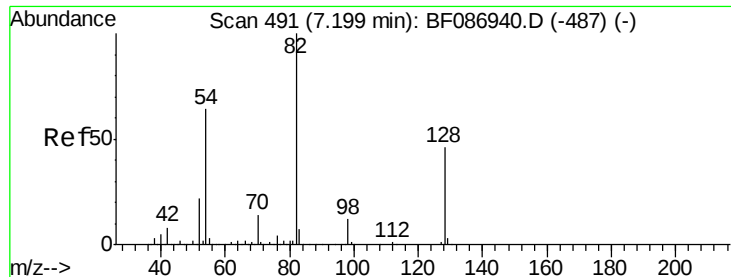
Abundance Ion 105.00 (104.70 to 105.70): E

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

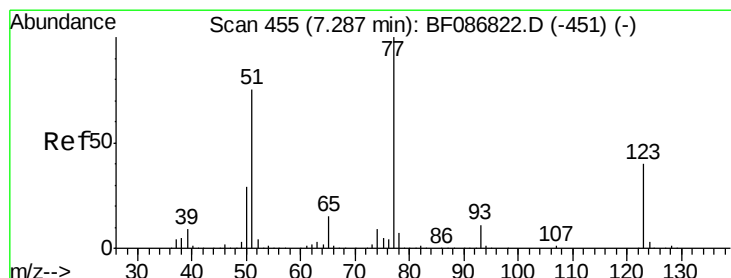
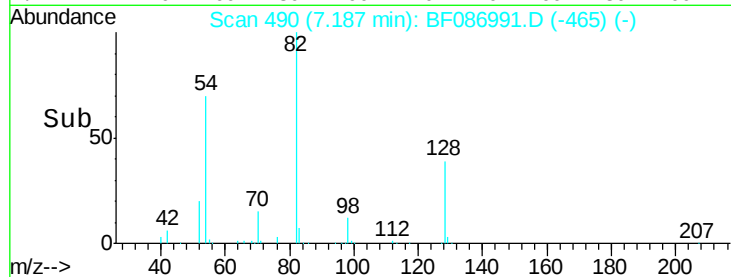
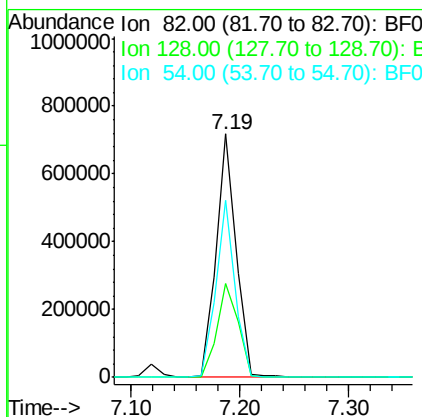
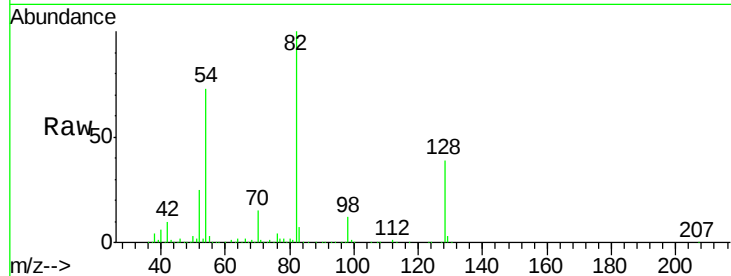




#23
 Nitrobenzene-d5
 Concen: 83.95 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

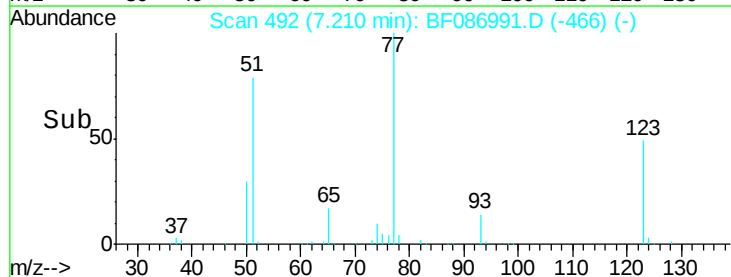
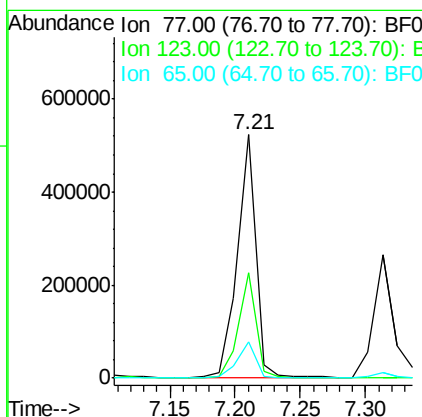
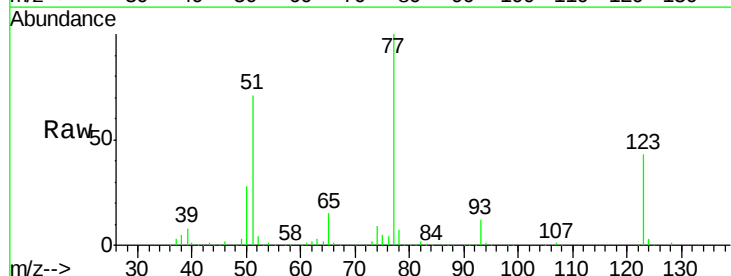
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

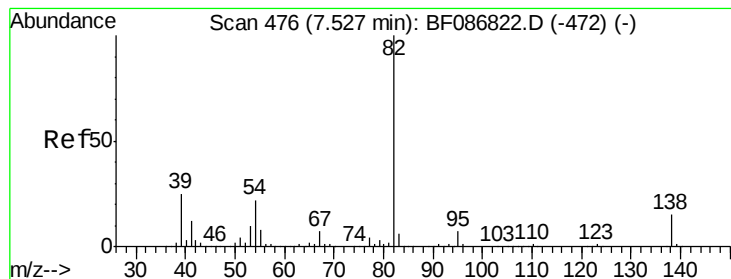
Tgt Ion: 82 Resp: 925438
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 72.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 44.67 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion: 77 Resp: 506537
 Ion Ratio Lower Upper
 77 100
 123 43.2 33.0 49.4
 65 14.7 10.8 16.2





#25

Isophorone

Concen: 42.61 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

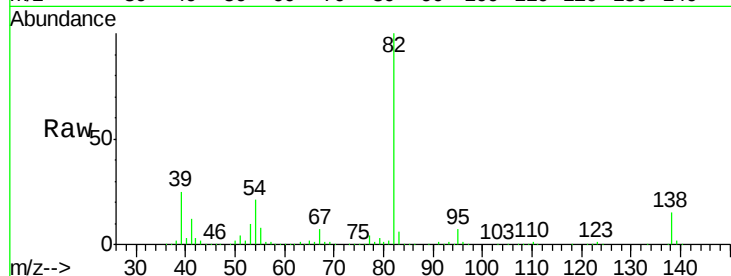
Tgt Ion: 82 Resp: 871557

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

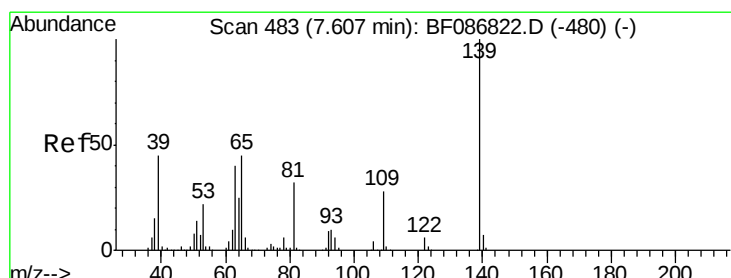
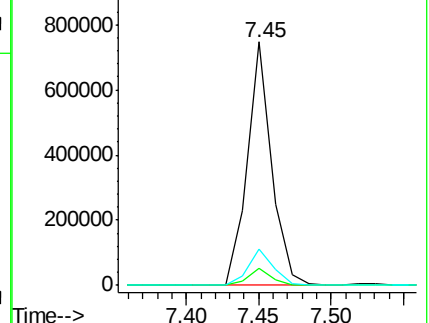
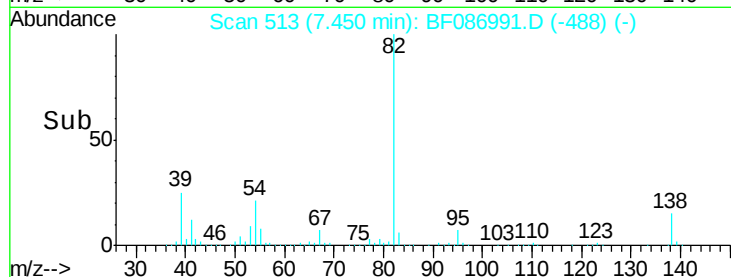
138 15.0 12.4 18.6



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: 43.19 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

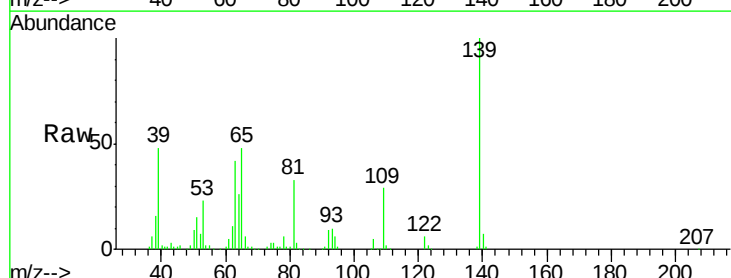
Tgt Ion: 139 Resp: 215288

Ion Ratio Lower Upper

139 100

109 28.5 19.5 29.3

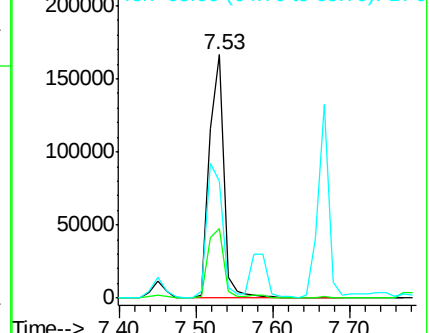
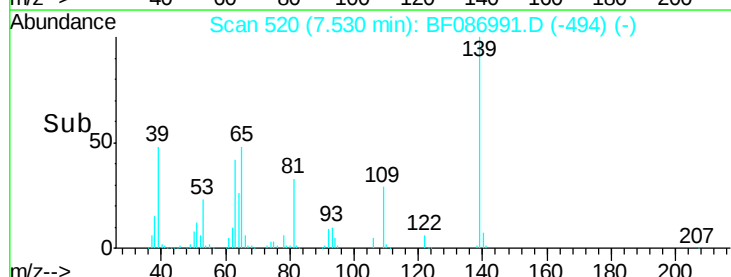
65 48.2 37.5 56.3

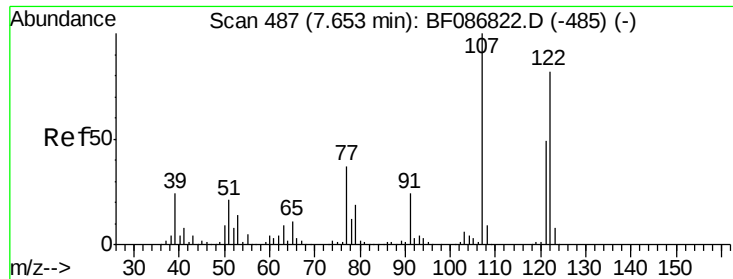


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

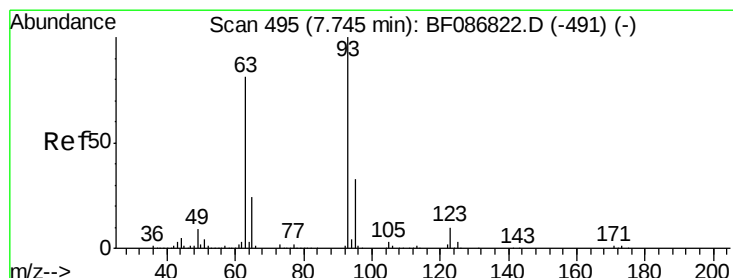
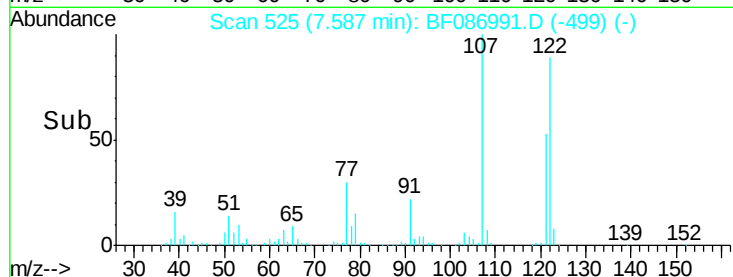
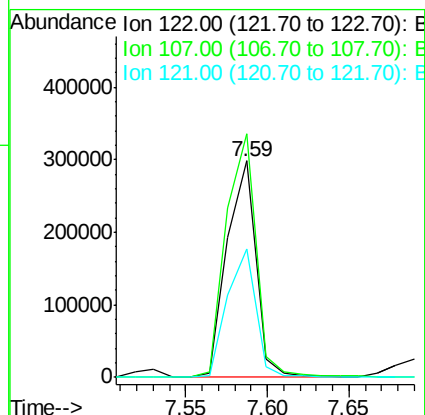
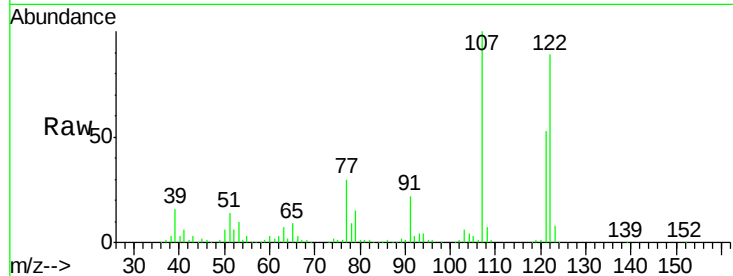




#27
 2,4-Dimethylphenol
 Concen: 42.90 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

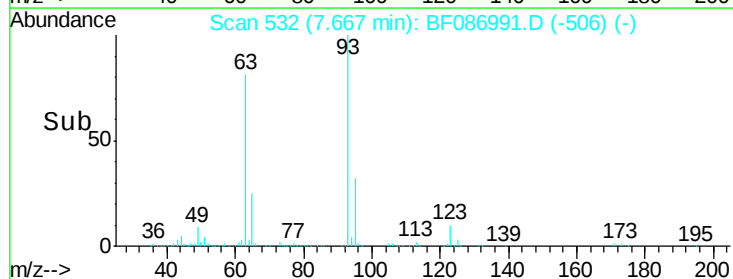
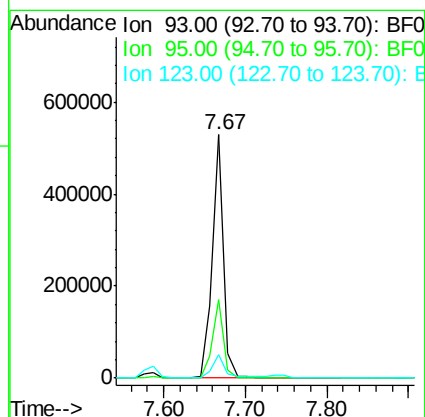
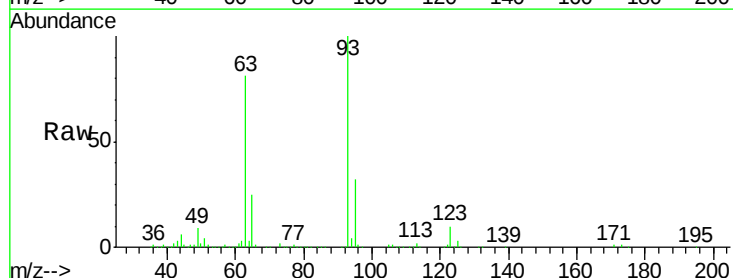
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

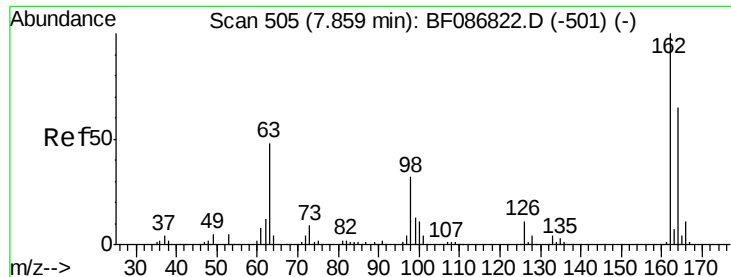
Tgt Ion: 122 Resp: 364292
 Ion Ratio Lower Upper
 122 100
 107 112.4 82.0 123.0
 121 59.2 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.21 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion: 93 Resp: 520809
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 9.6 9.5 14.3

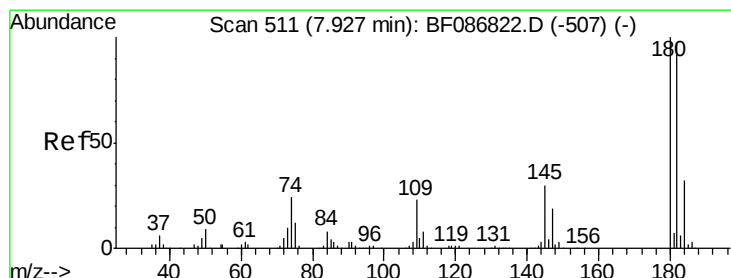
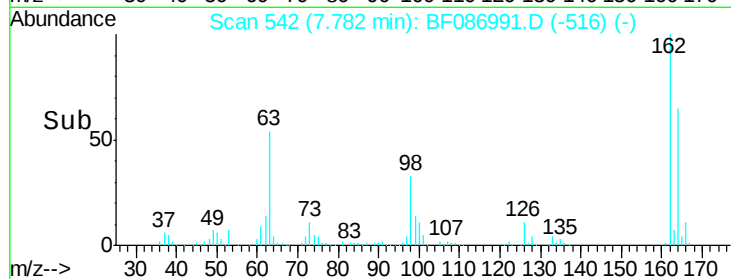
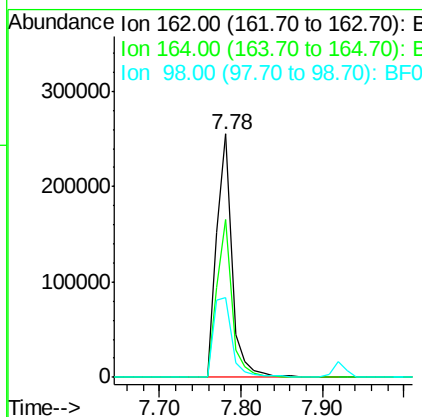
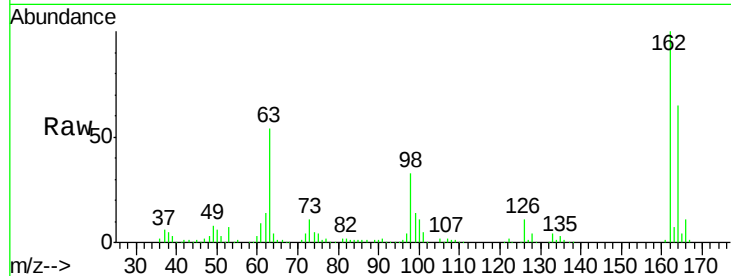




#29
 2,4-Dichlorophenol
 Concen: 44.87 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

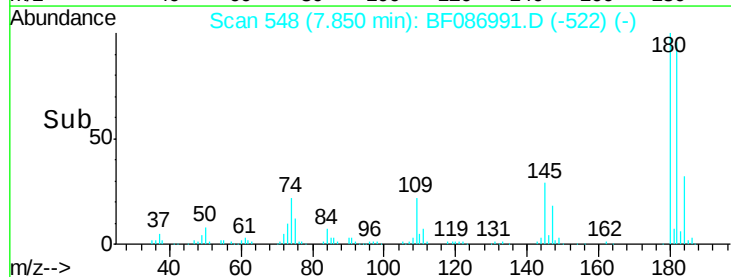
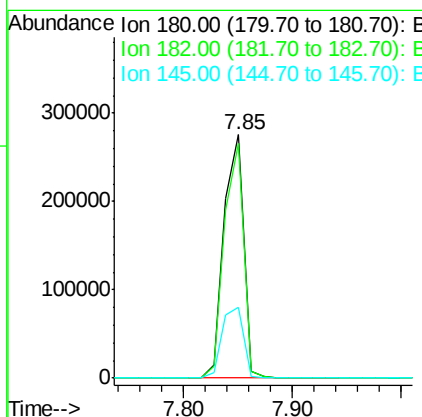
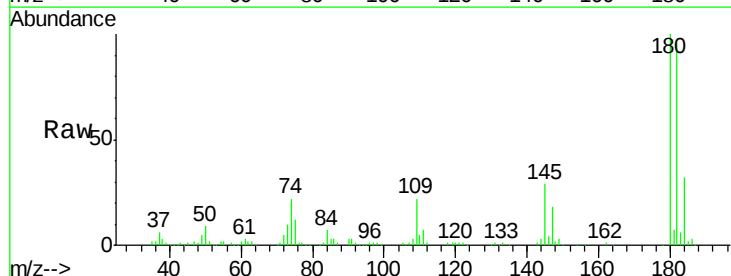
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

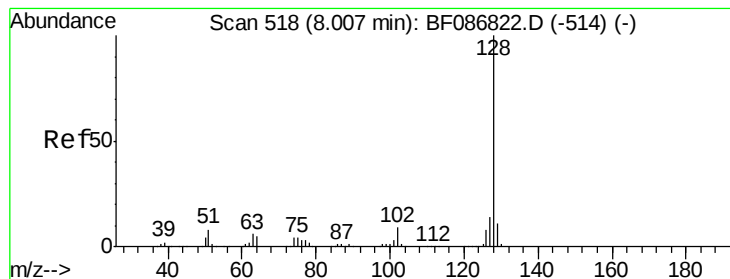
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.2	82.2
98	32.7	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.51 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	29.0	24.2	36.2





#31

Naphthalene

Concen: 40.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

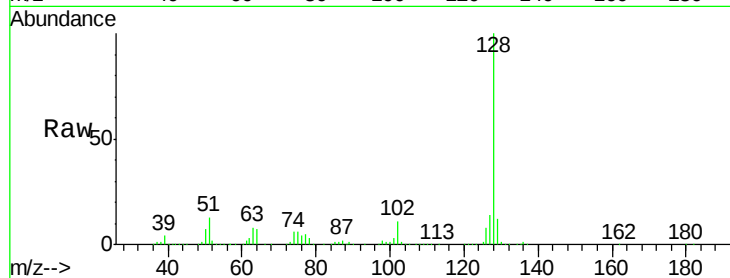
Tgt Ion:128 Resp: 1108853

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

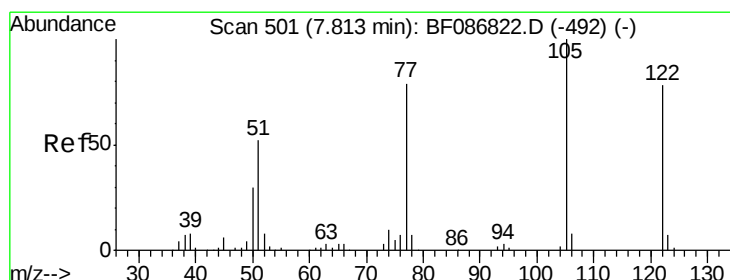
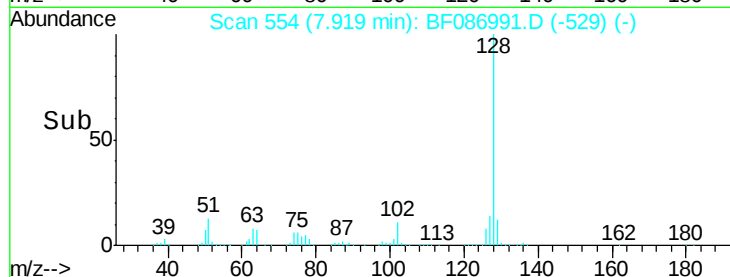
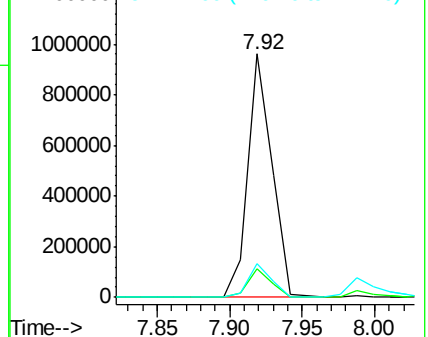
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.80 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

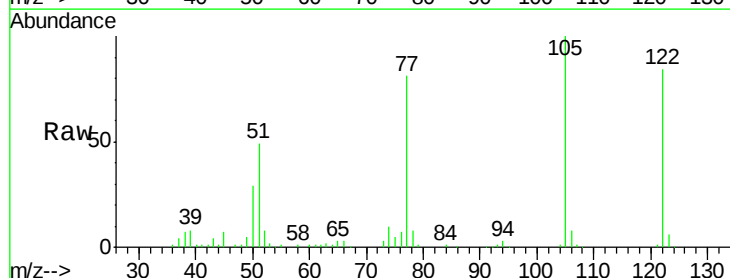
Tgt Ion:122 Resp: 238369

Ion Ratio Lower Upper

122 100

105 119.4 92.6 132.6

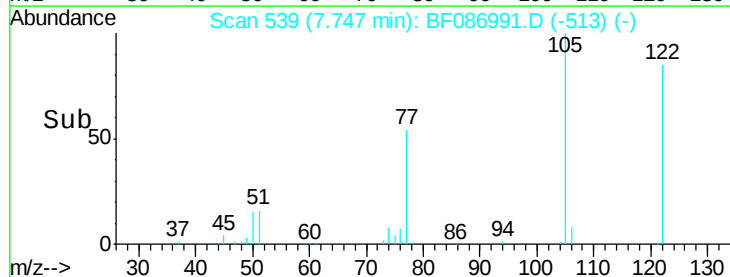
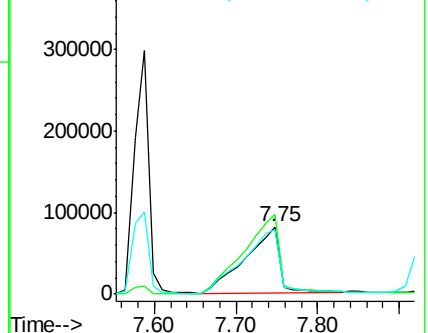
77 96.8 60.0 100.0

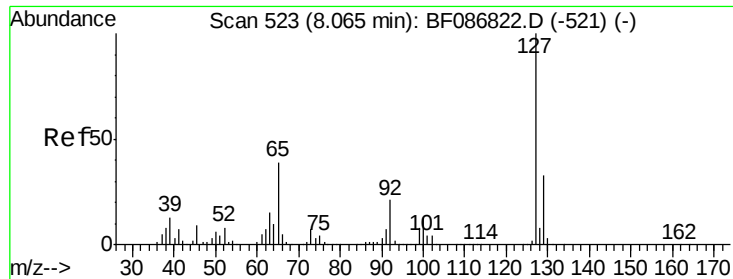


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

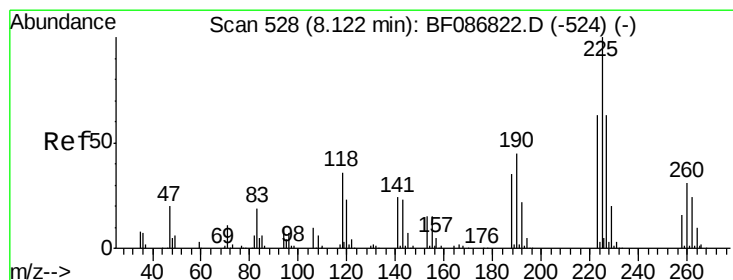
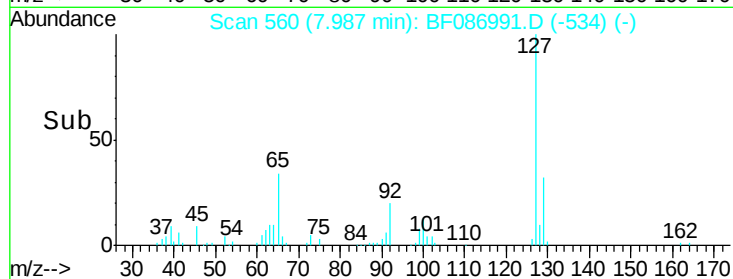
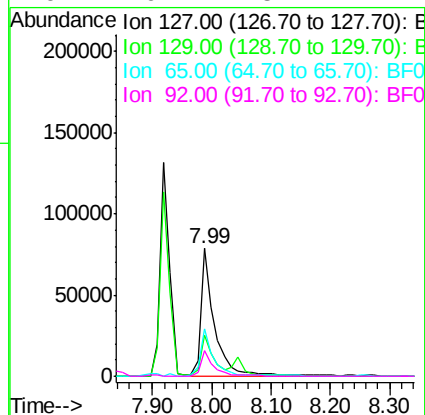
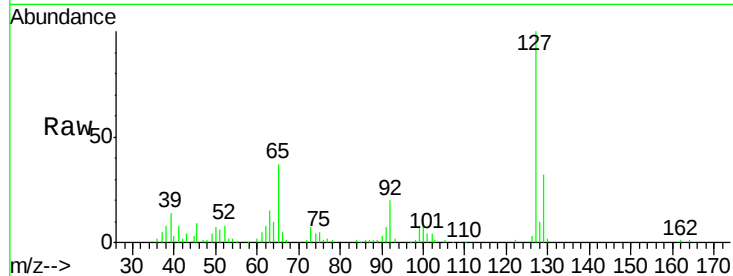




#33
4-Chloroaniline
Concen: 11.87 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

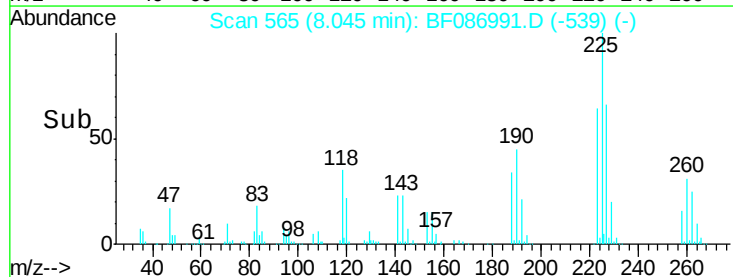
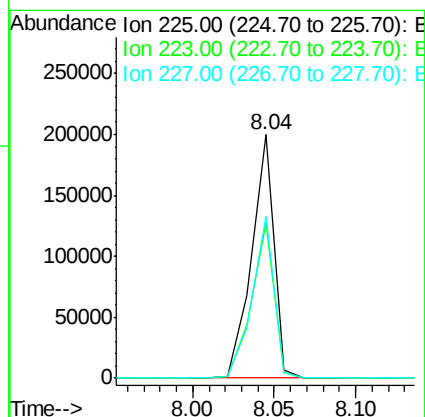
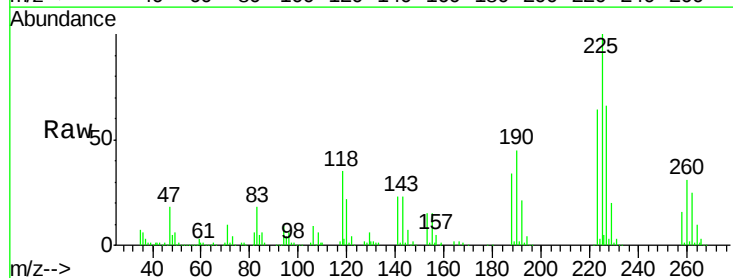
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

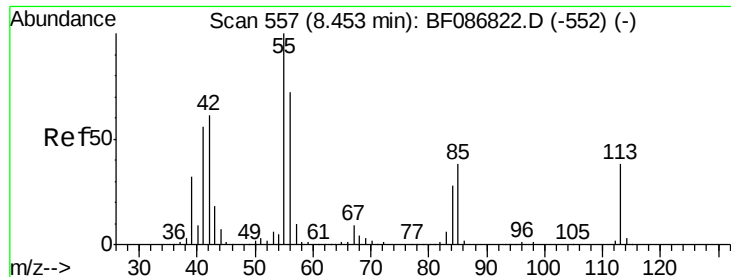
Tgt Ion:	127	Resp:	127869
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.2	39.4
65	37.3	23.0	34.4
92	20.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 39.07 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:	225	Resp:	189427
Ion Ratio	Lower	Upper	
225	100		
223	63.9	51.5	77.3
227	66.3	52.2	78.2

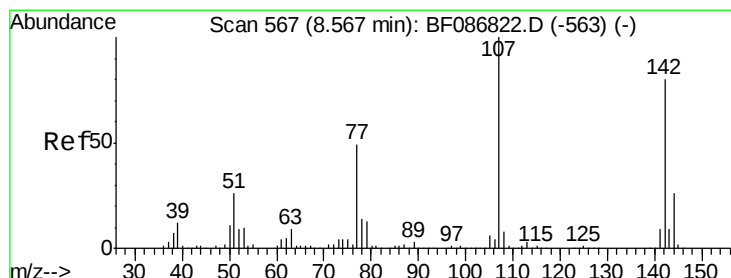
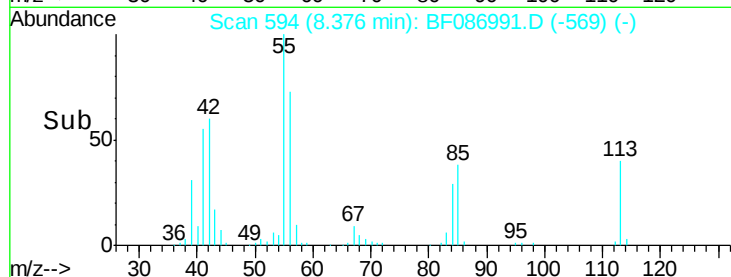
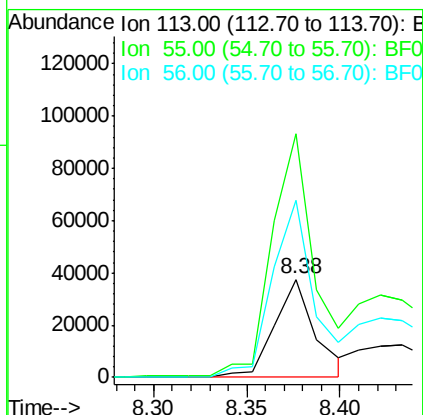
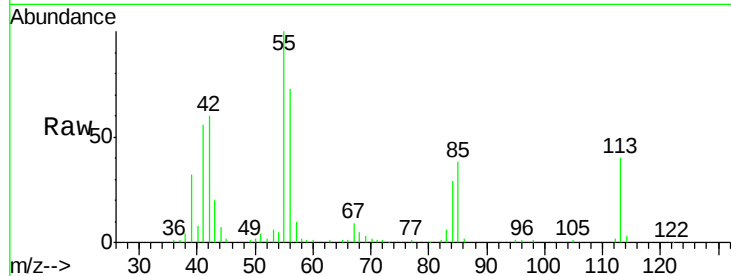




#35
 Caprolactam
 Concen: 22.34 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

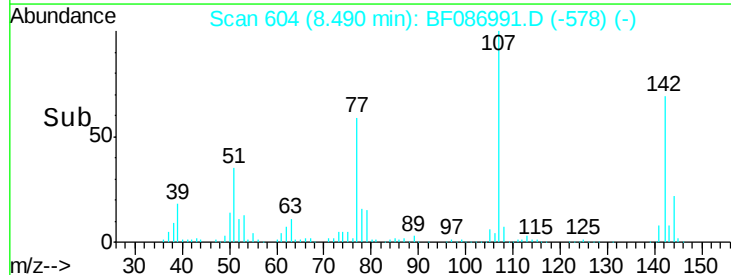
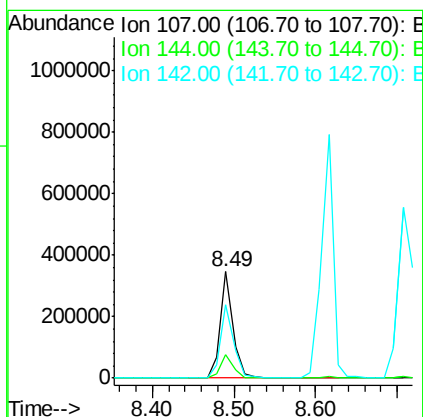
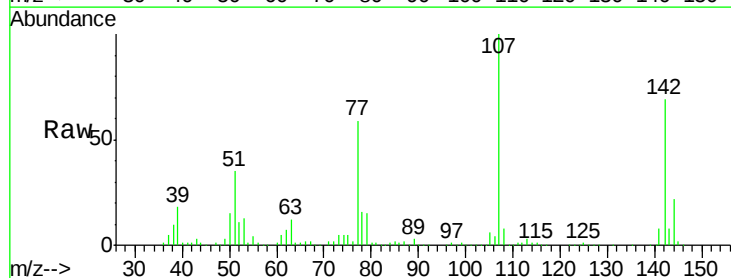
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

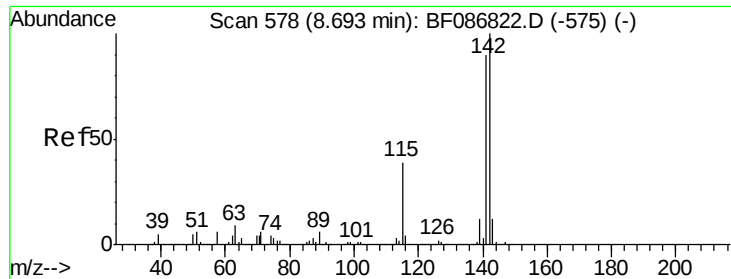
Tgt Ion:113 Resp: 56801
 Ion Ratio Lower Upper
 113 100
 55 249.0 162.0 202.0#
 56 181.7 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 41.67 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:107 Resp: 377693
 Ion Ratio Lower Upper
 107 100
 144 22.2 20.7 31.1
 142 68.6 63.2 94.8

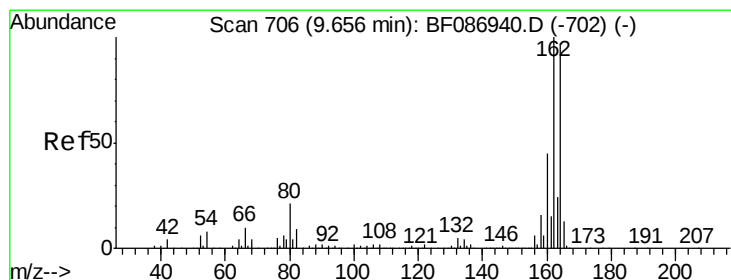
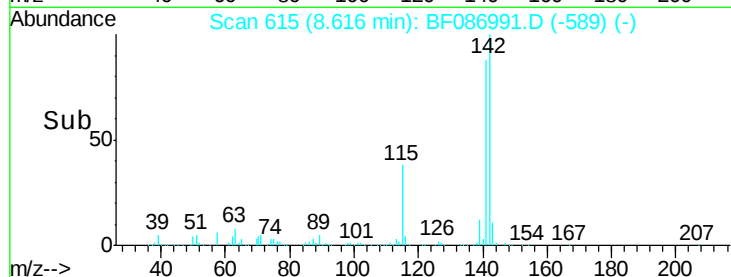
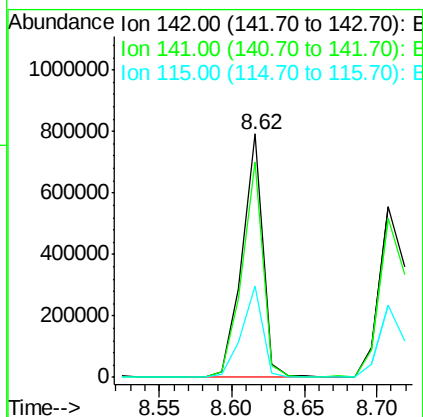
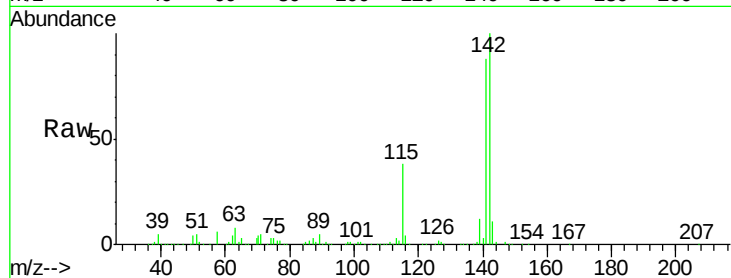




#37
2-Methylnaphthalene
Concen: 48.61 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

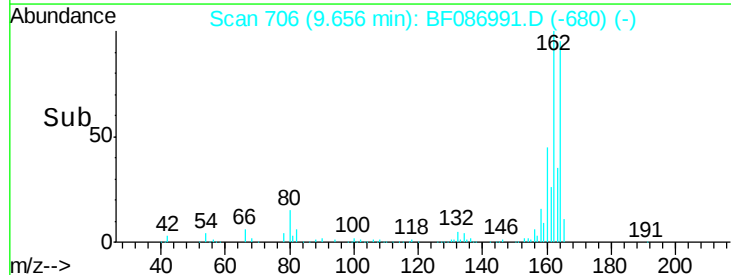
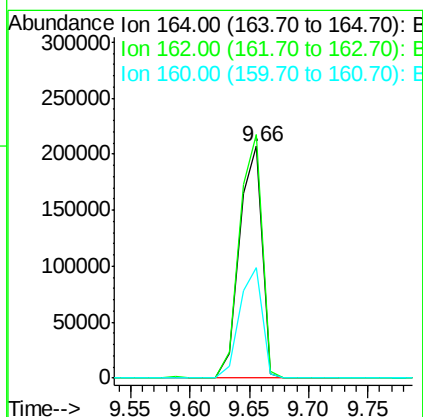
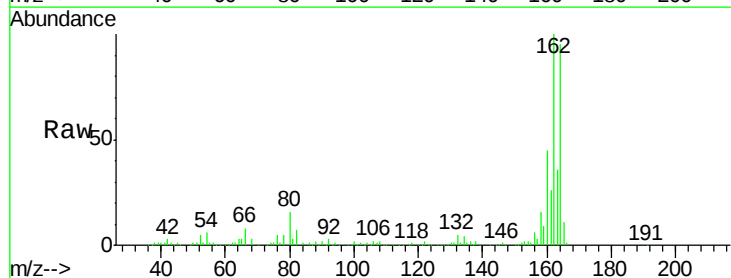
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

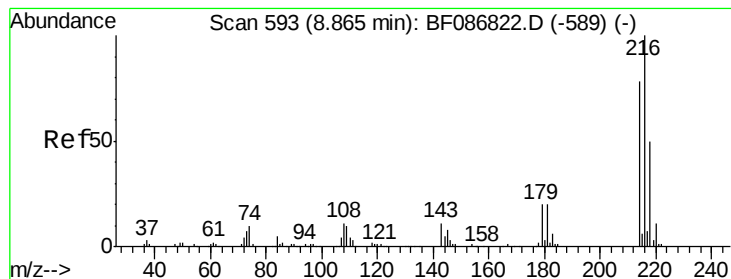
Tgt Ion:142 Resp: 787881
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 37.7 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:164 Resp: 274970
Ion Ratio Lower Upper
164 100
162 105.1 82.8 124.2
160 47.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.90 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

Tgt Ion: 216 Resp: 318986

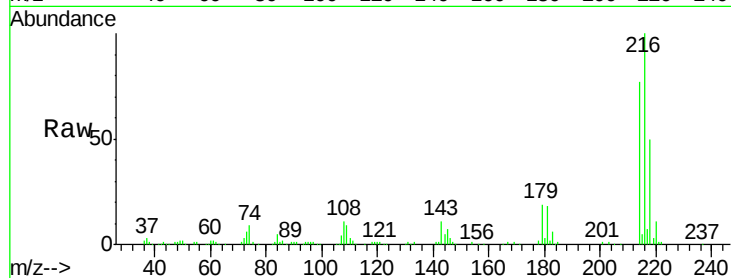
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 22.8 18.2 27.4

108 24.3 17.5 26.3

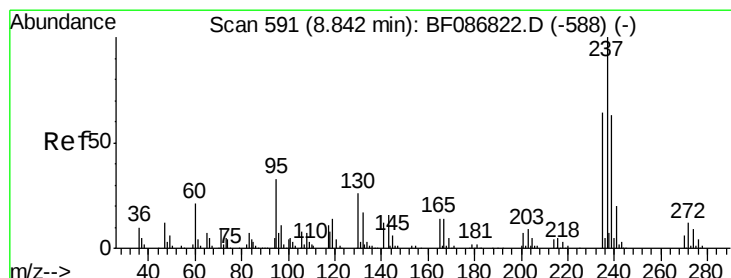
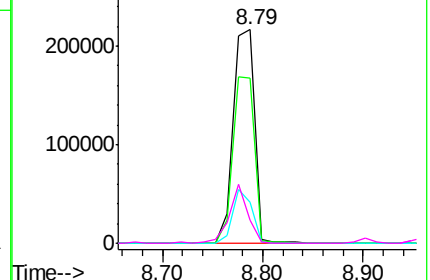
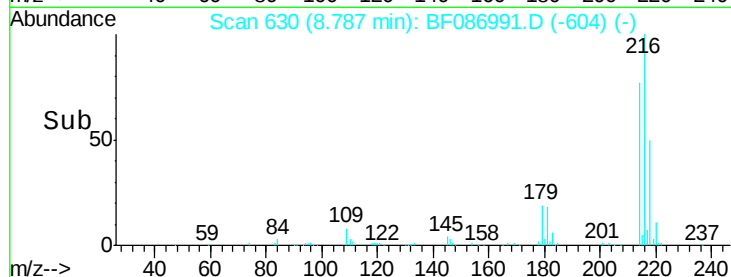


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.44 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

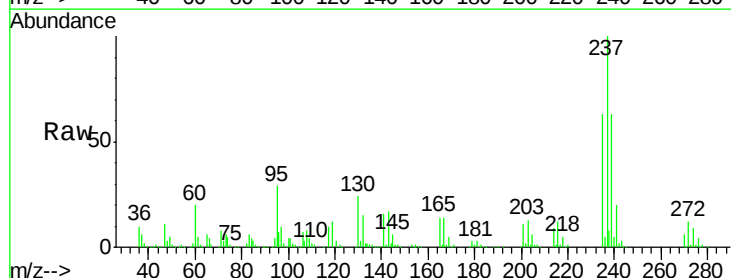
Tgt Ion: 237 Resp: 252133

Ion Ratio Lower Upper

237 100

235 63.0 47.2 87.2

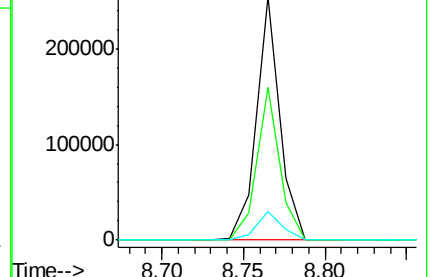
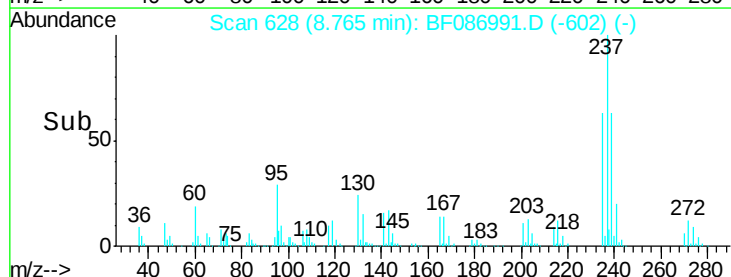
272 11.5 0.0 31.1

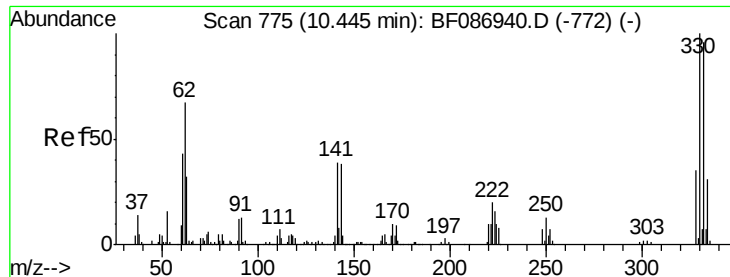


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

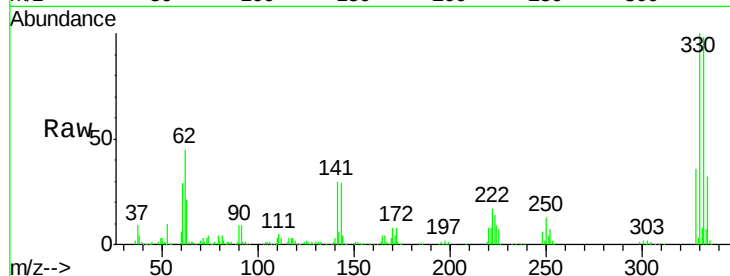




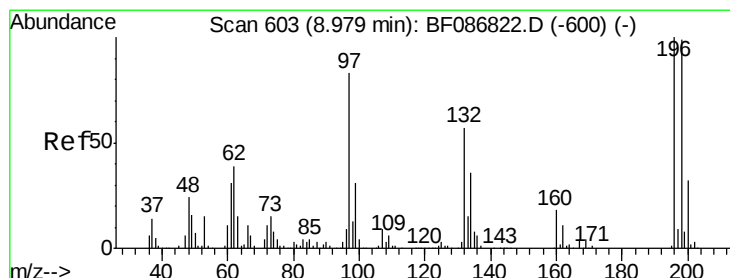
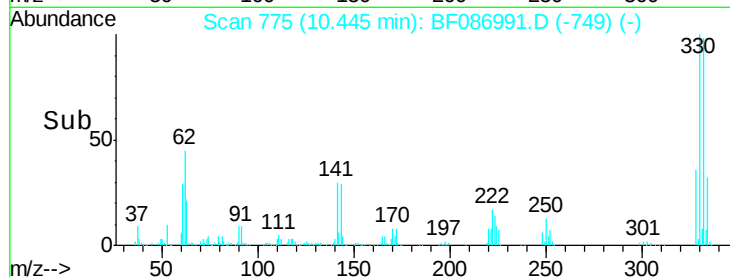
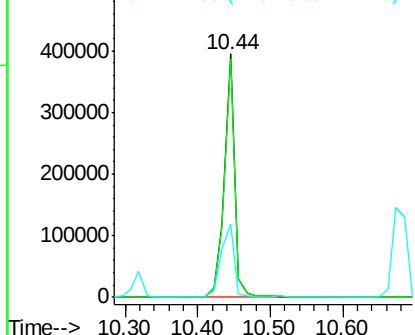
#41
 2,4,6-Tribromophenol
 Concen: 135.99 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tgt Ion:330 Resp: 395865
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 37.8 31.2 46.8

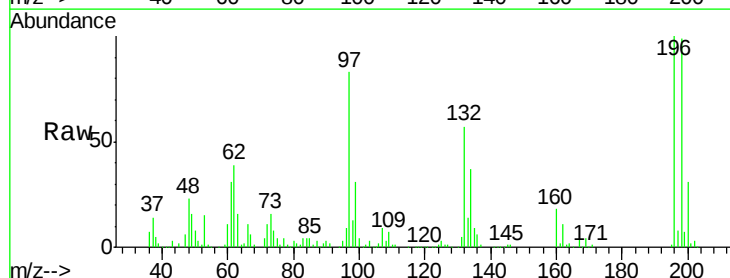


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

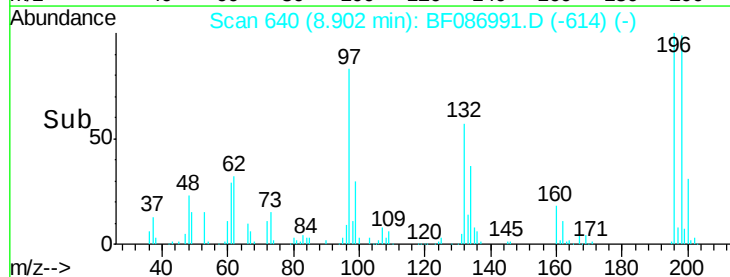
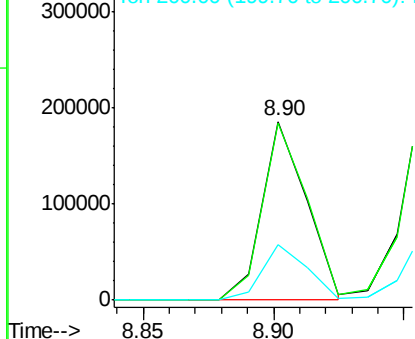


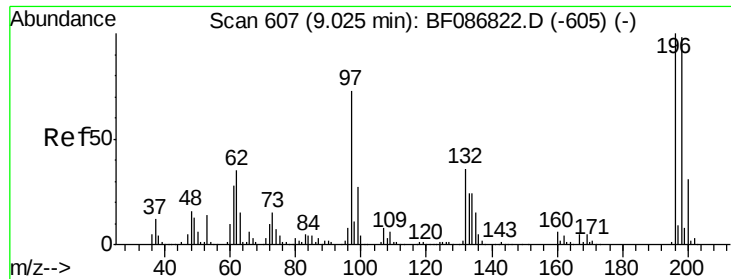
#42
 2,4,6-Trichlorophenol
 Concen: 41.36 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:196 Resp: 221131
 Ion Ratio Lower Upper
 196 100
 198 99.3 74.7 112.1
 200 31.4 23.8 35.6



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

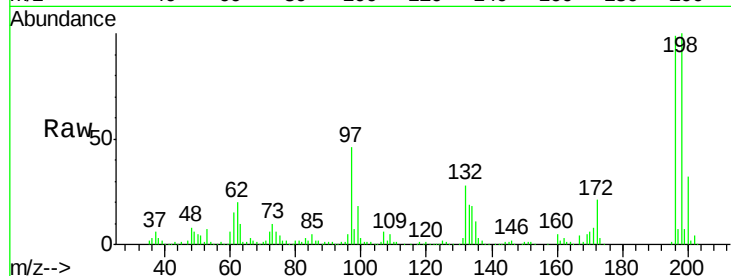




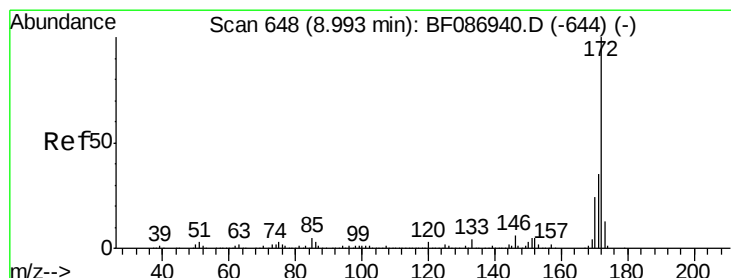
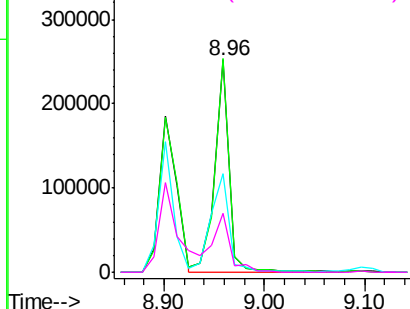
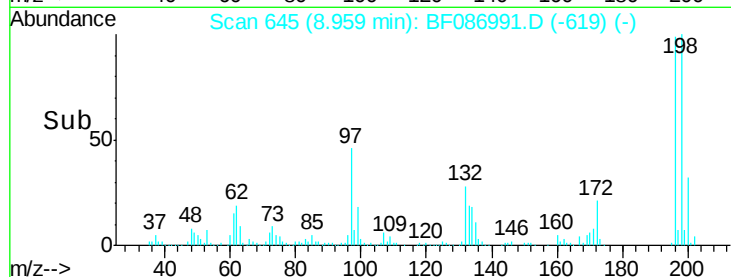
#43
 2,4,5-Trichlorophenol
 Concen: 44.63 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tgt Ion:	196	Resp:	246759
Ion	Ratio	Lower	Upper
196	100		
198	100.6	77.5	116.3
97	46.6	34.8	52.2
132	27.8	23.0	34.4

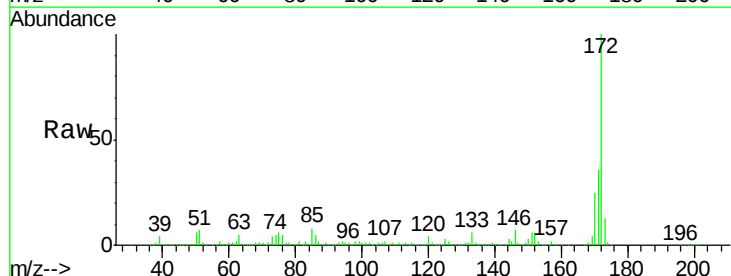


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

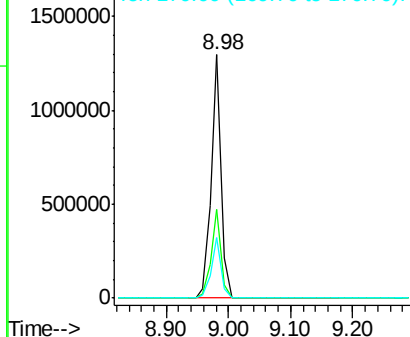
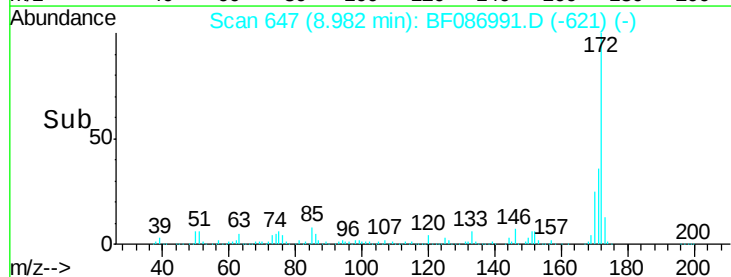


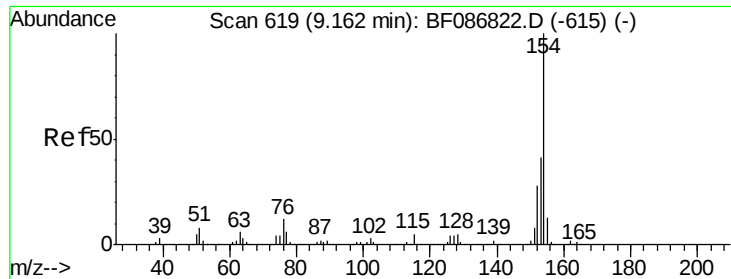
#44
 2-Fluorobiphenyl
 Concen: 86.86 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:	172	Resp:	1421171
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	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

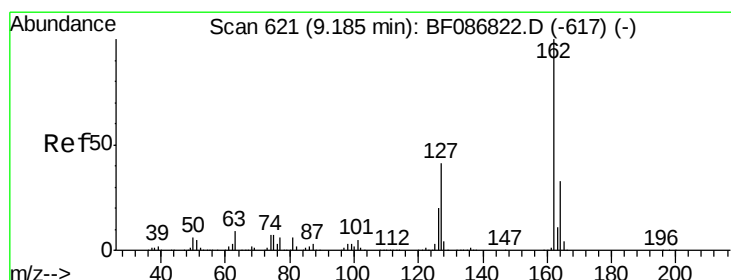
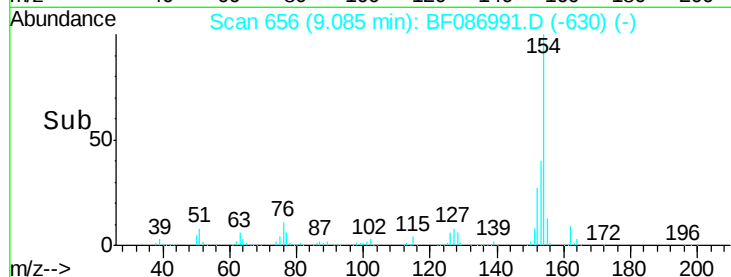
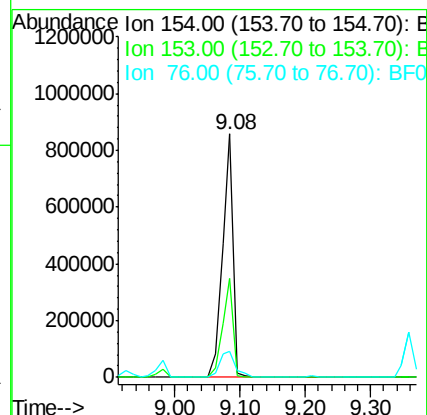
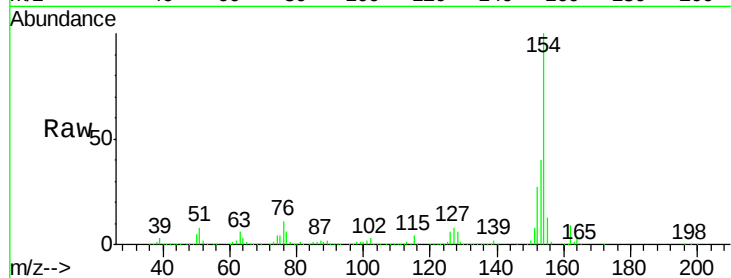




#45
 1,1'-Biphenyl
 Concen: 45.32 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

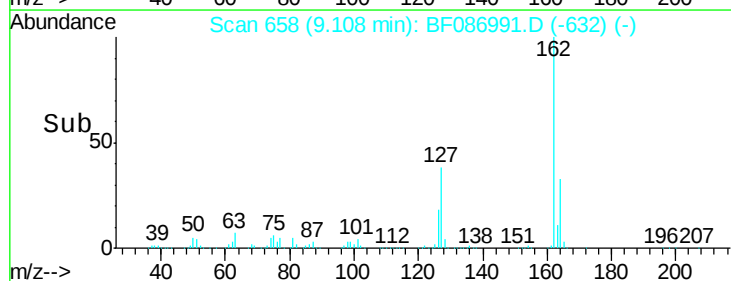
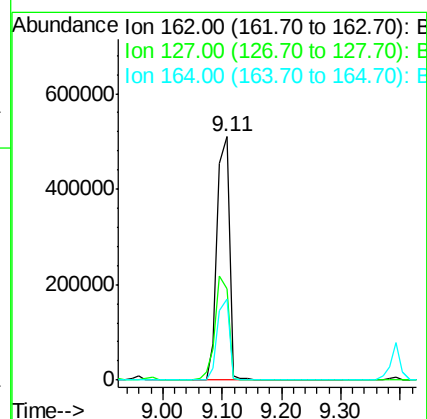
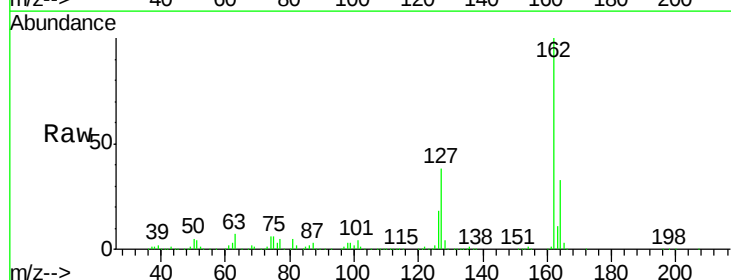
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

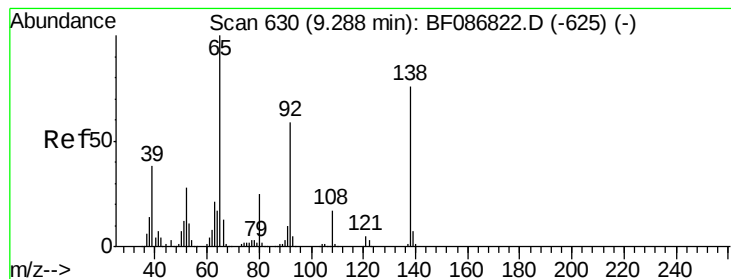
Tgt Ion:154 Resp: 991258
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.3 60.3
 76 10.7 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 42.61 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:162 Resp: 730134
 Ion Ratio Lower Upper
 162 100
 127 37.7 31.8 47.6
 164 33.4 27.0 40.6





#47

2-Nitroaniline

Concen: 44.86 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

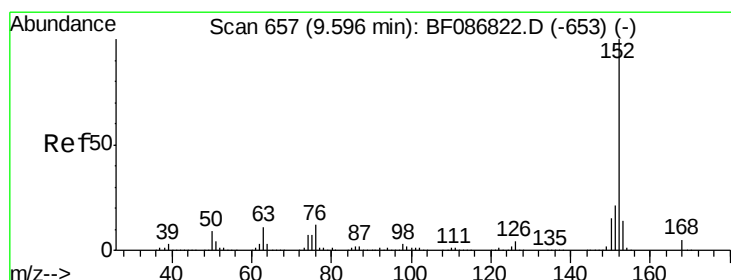
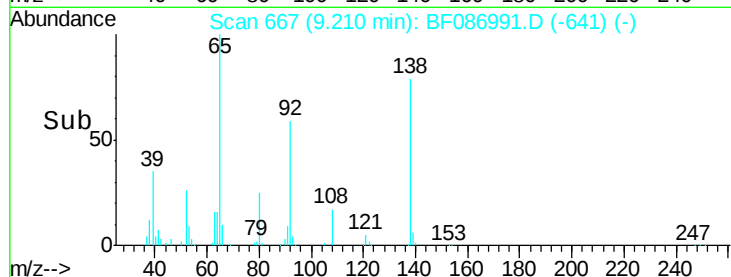
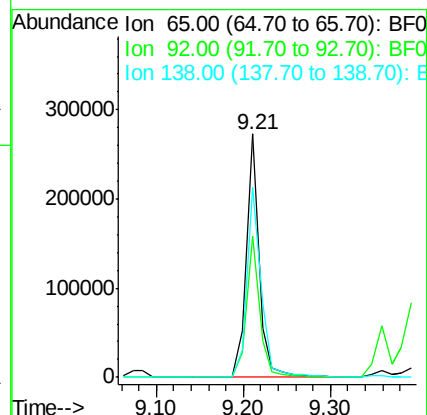
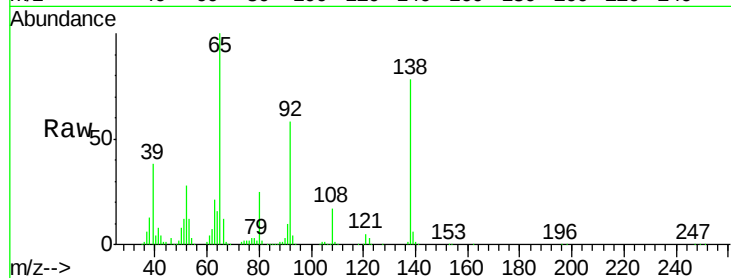
Tgt Ion: 65 Resp: 280948

Ion Ratio Lower Upper

65 100

92 58.0 57.4 86.2

138 77.8 90.1 135.1#



#48

Acenaphthylene

Concen: 44.32 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

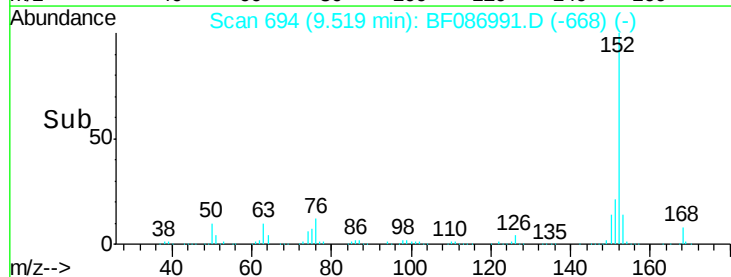
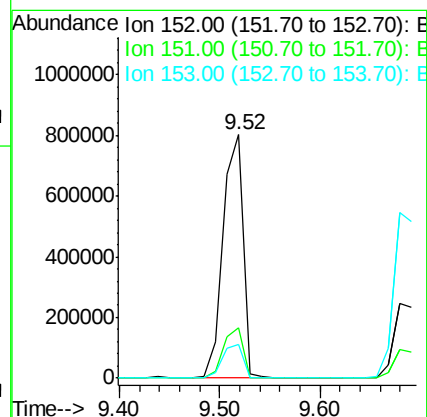
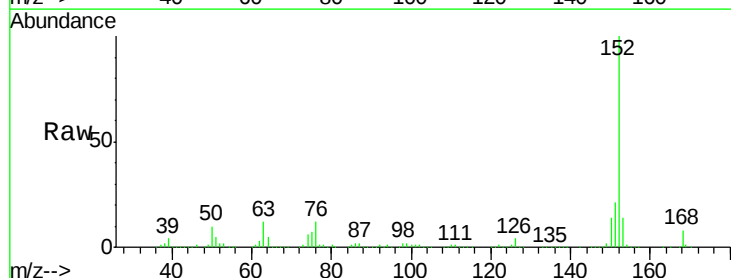
Tgt Ion: 152 Resp: 1116963

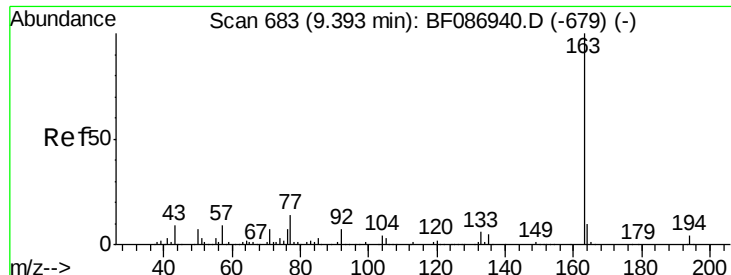
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.6 10.9 16.3

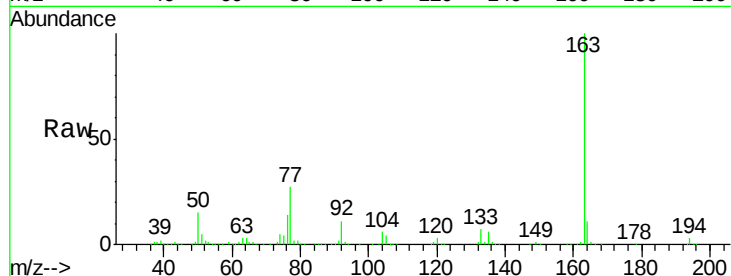




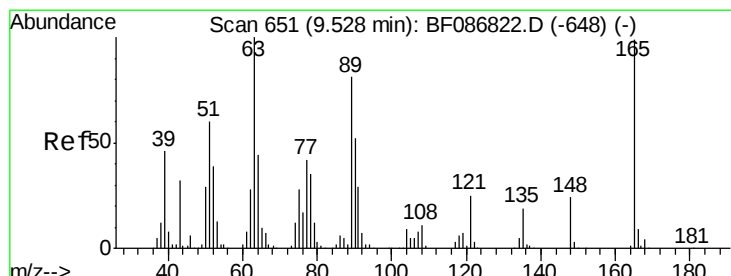
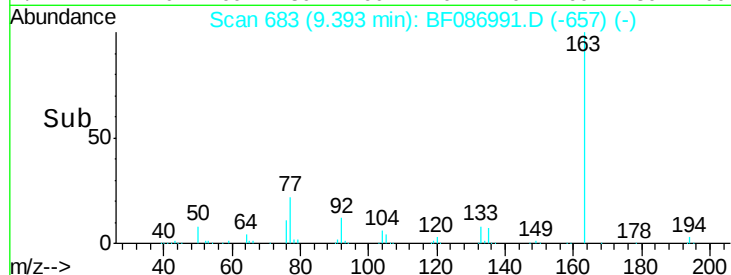
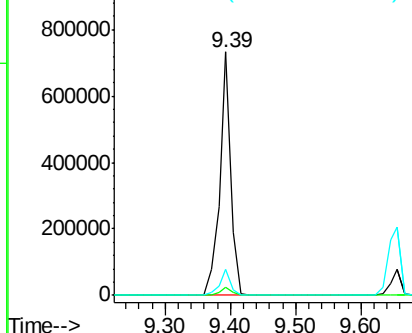
#49
Dimethylphthalate
Concen: 41.93 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tgt Ion:163 Resp: 879597
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4

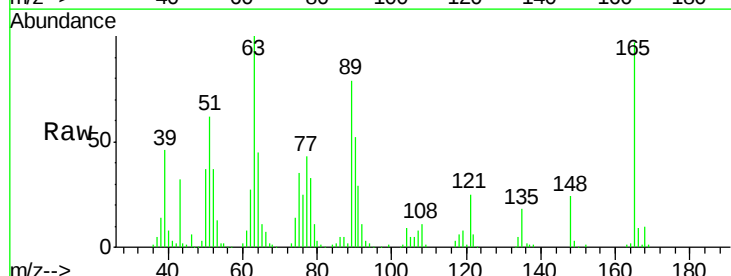


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

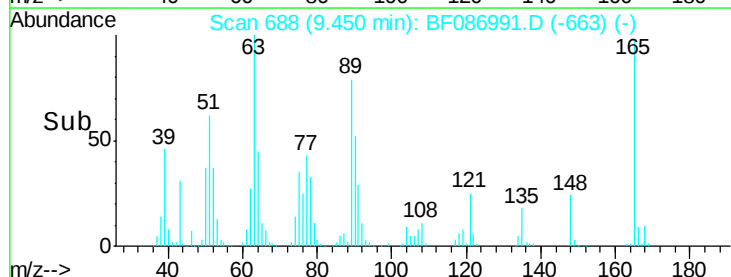
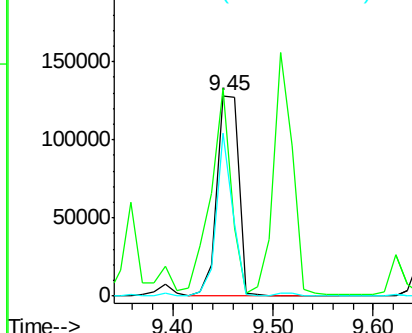


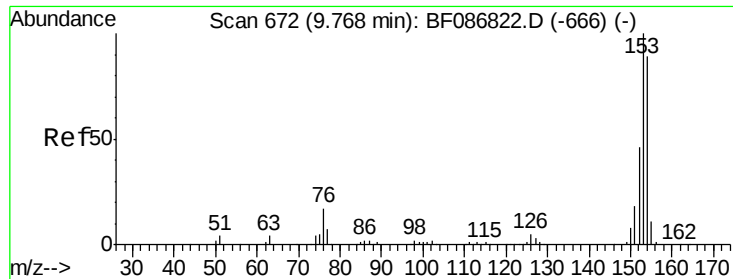
#50
2,6-Dinitrotoluene
Concen: 43.92 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:165 Resp: 193919
Ion Ratio Lower Upper
165 100
63 103.5 51.8 77.8#
89 81.5 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

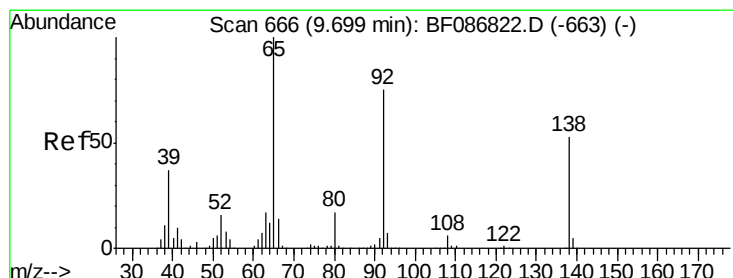
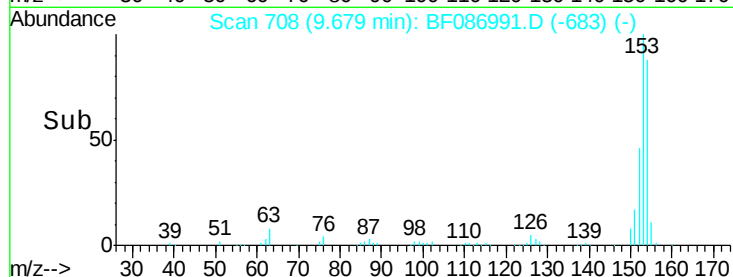
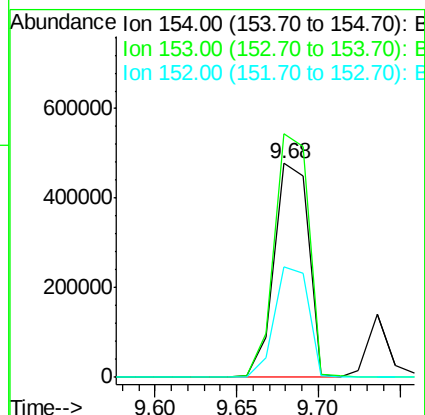
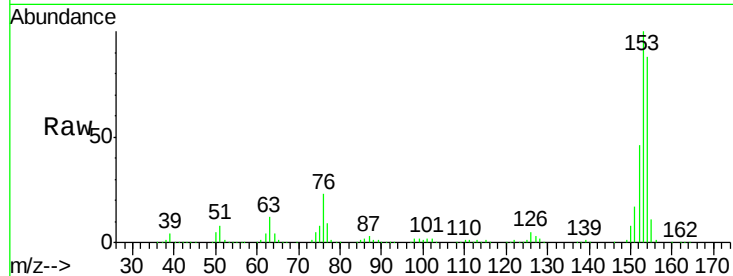




#51
Acenaphthene
Concen: 45.08 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

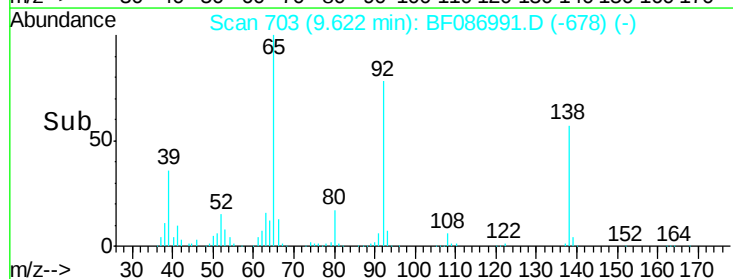
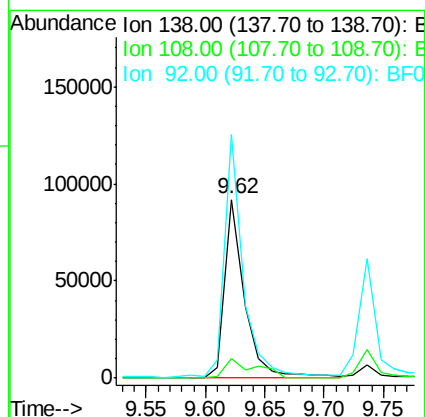
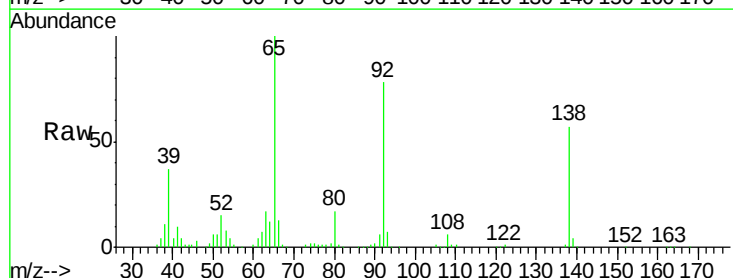
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

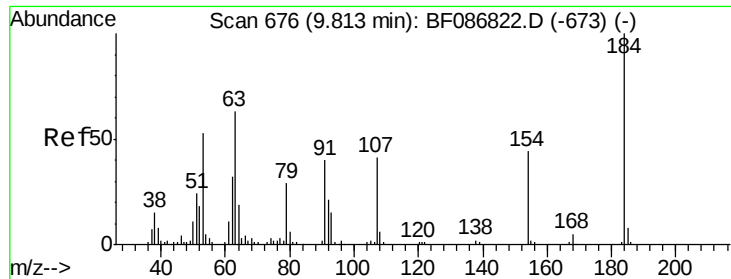
Tgt Ion:154 Resp: 706809
Ion Ratio Lower Upper
154 100
153 113.9 89.8 134.6
152 51.9 43.4 65.0



#52
3-Nitroaniline
Concen: 22.97 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:138 Resp: 106754
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.6
92 136.2 87.8 131.8#

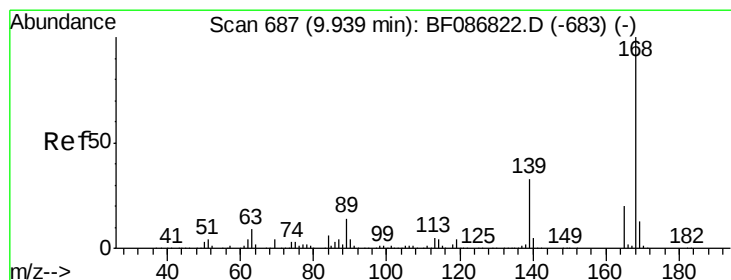
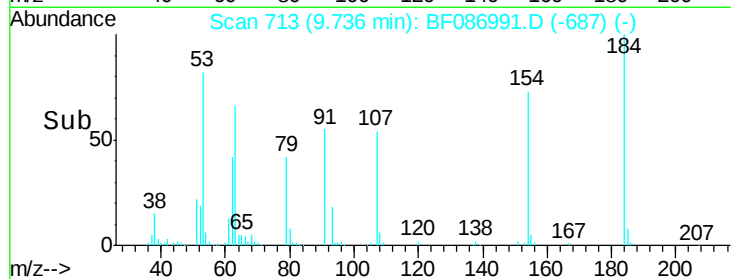
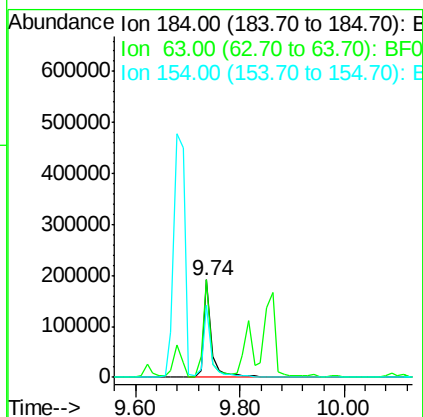
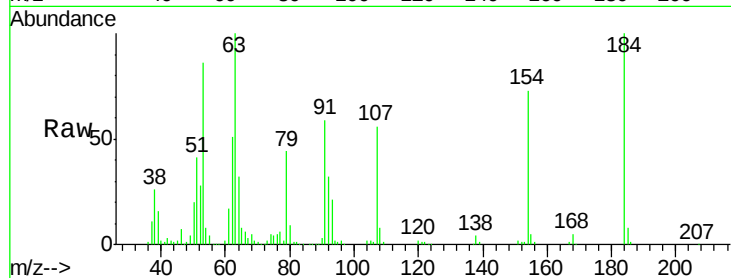




#53
2,4-Dinitrophenol
Concen: 90.89 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

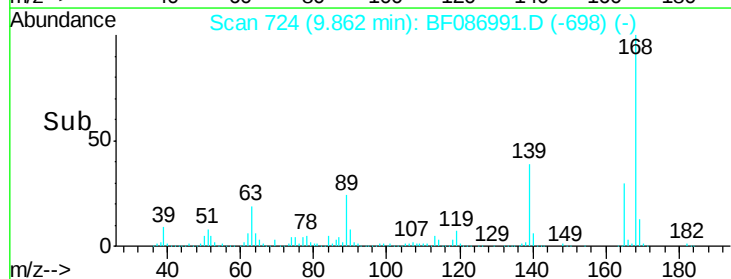
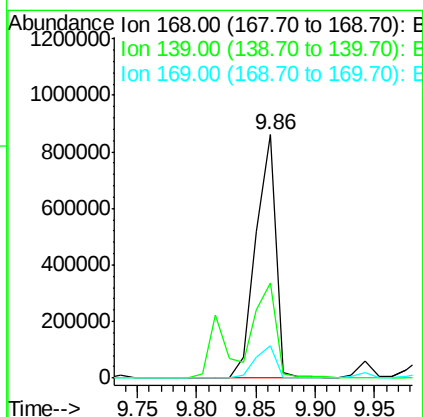
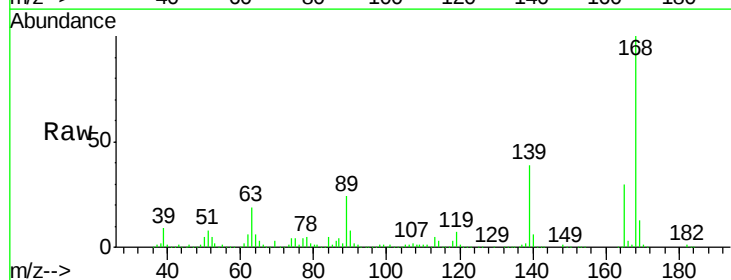
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

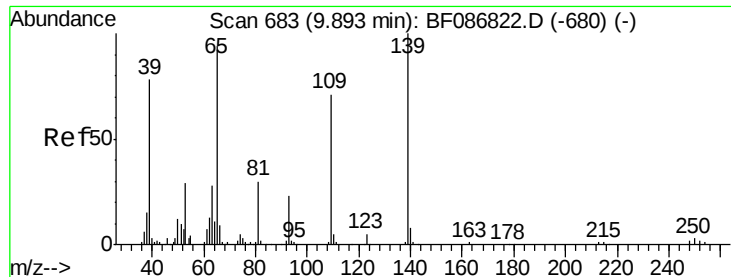
Tgt Ion:184 Resp: 207679
Ion Ratio Lower Upper
184 100
63 100.3 55.8 83.8#
154 73.3 62.4 93.6



#54
Dibenzofuran
Concen: 50.52 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:168 Resp: 1016782
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.0
169 13.1 10.7 16.1

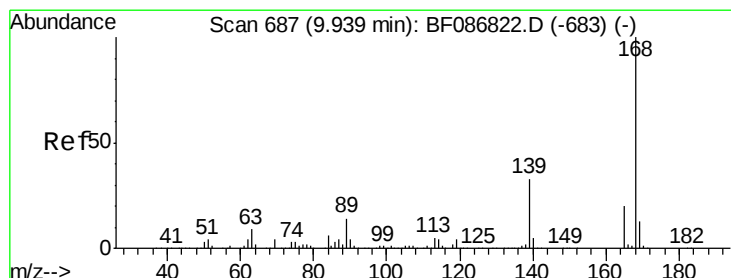
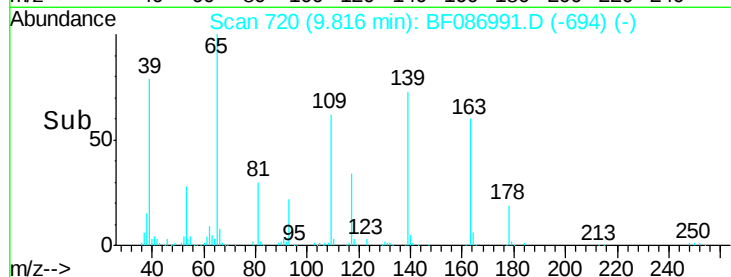
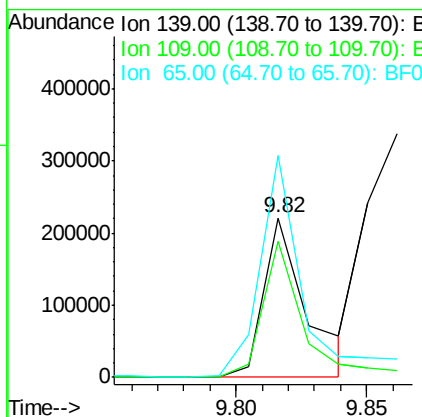
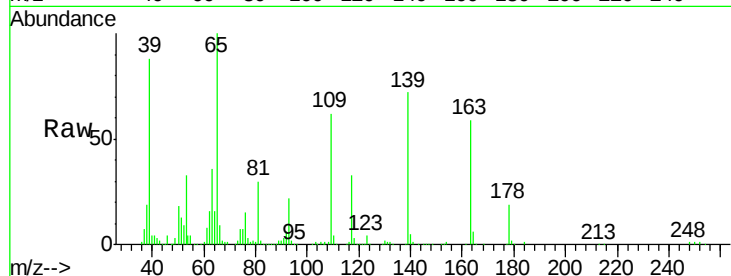




#55
4-Nitrophenol
Concen: 80.66 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

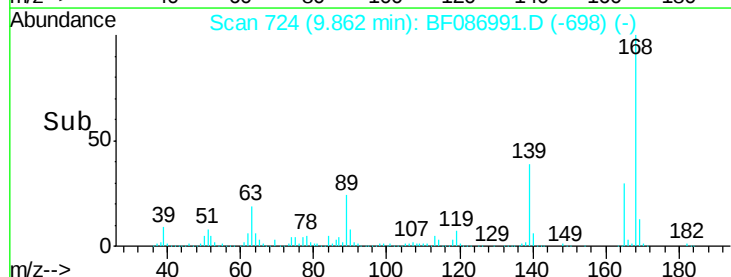
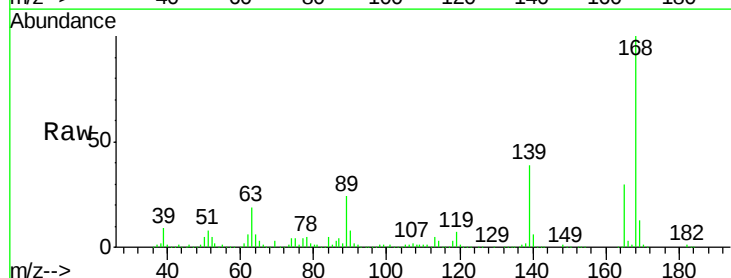
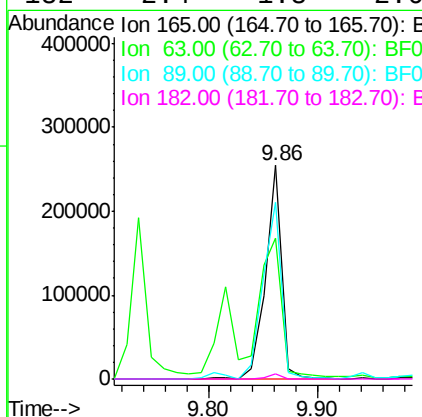
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

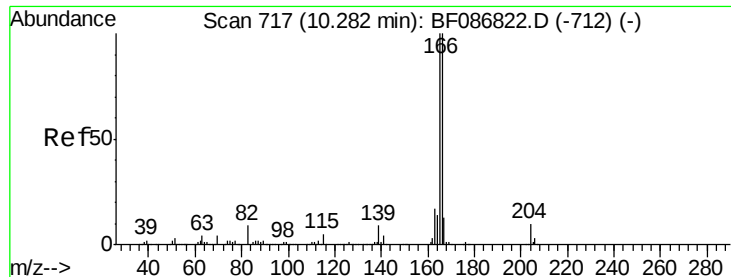
Tgt Ion:139 Resp: 250116
Ion Ratio Lower Upper
139 100
109 85.4 36.9 76.9#
65 138.7 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 48.55 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:165 Resp: 265234
Ion Ratio Lower Upper
165 100
63 65.7 44.3 66.5
89 82.6 70.0 105.0
182 2.4 1.8 2.6

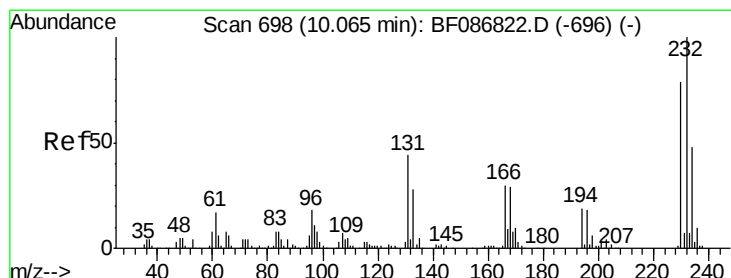
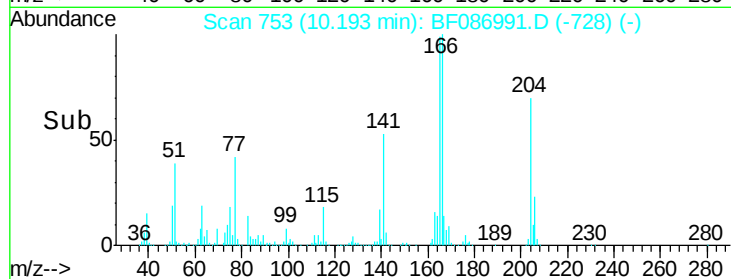
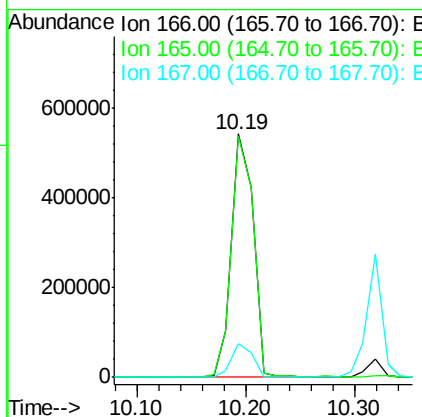
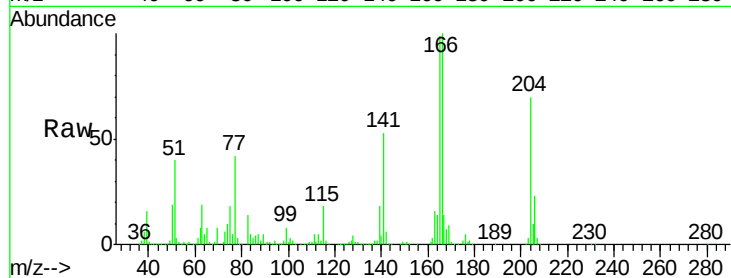




#57
 Fluorene
 Concen: 43.86 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

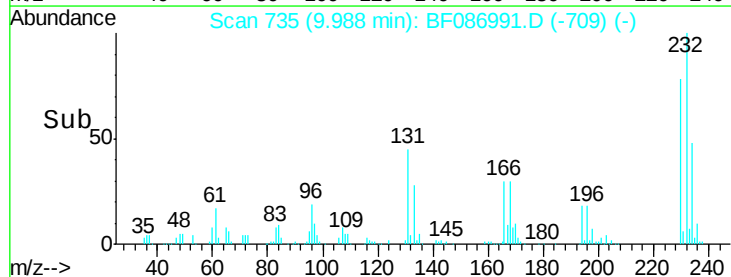
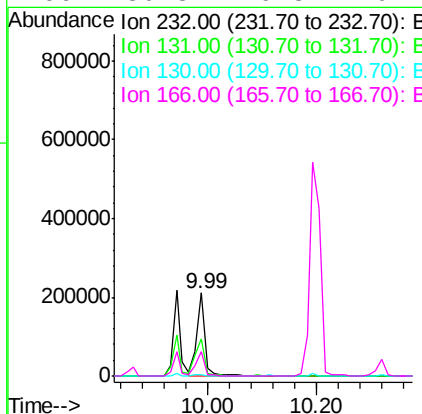
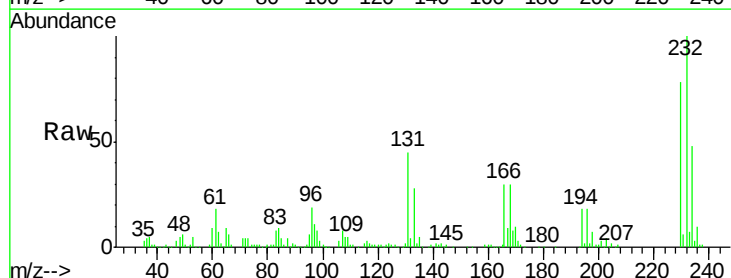
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

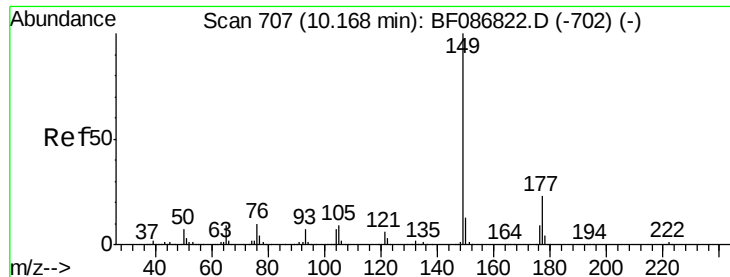
Tgt Ion:166 Resp: 752781
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.0 118.6
 167 14.1 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.87 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:232 Resp: 215906
 Ion Ratio Lower Upper
 232 100
 131 51.1 41.9 62.9
 130 2.6 2.2 3.4
 166 30.8 26.8 40.2

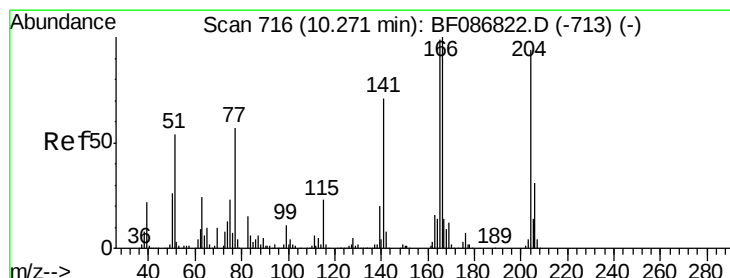
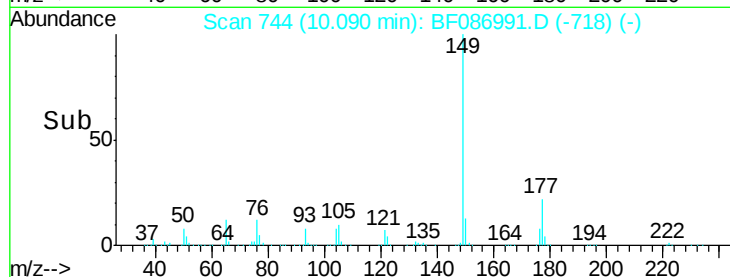
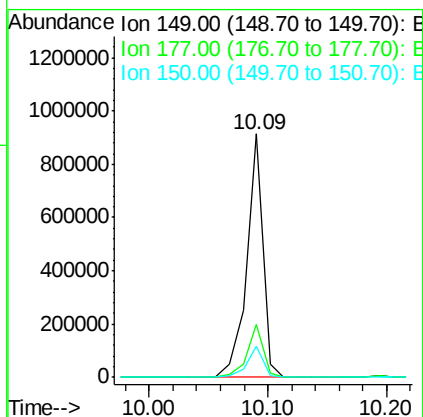
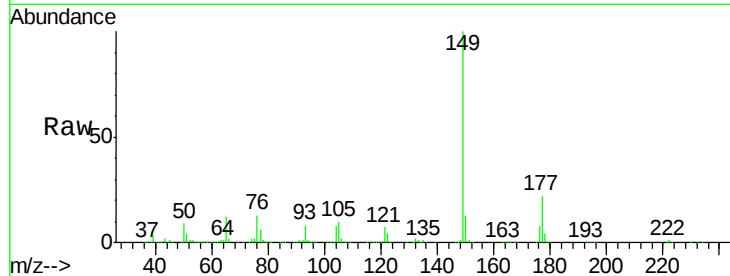




#59
Diethylphthalate
Concen: 42.74 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

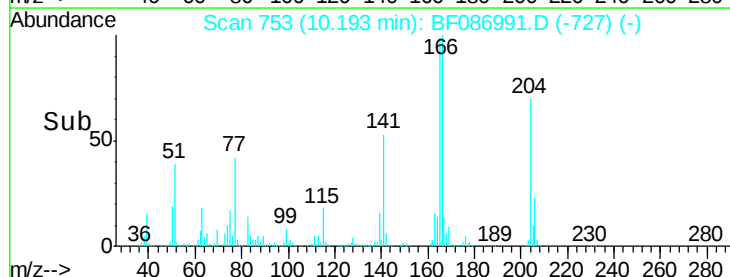
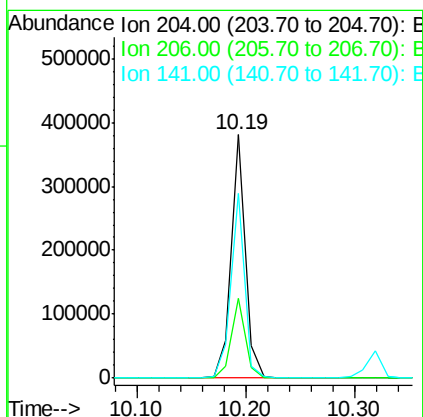
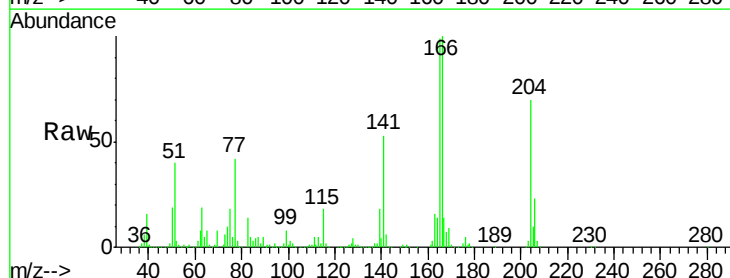
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

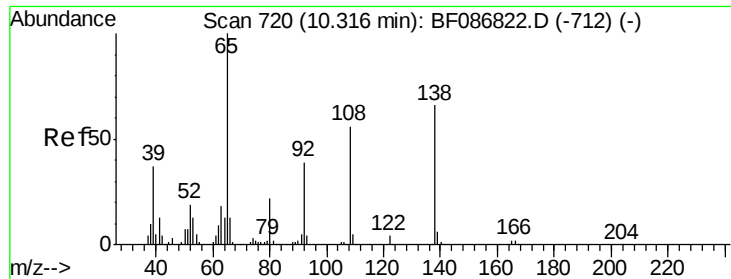
Tgt Ion:149 Resp: 873754
Ion Ratio Lower Upper
149 100
177 21.8 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 46.14 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:204 Resp: 342380
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 75.7 61.6 92.4

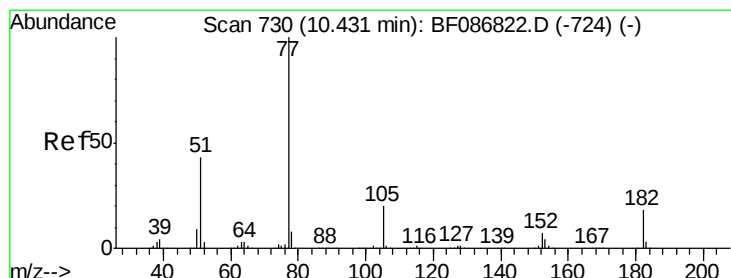
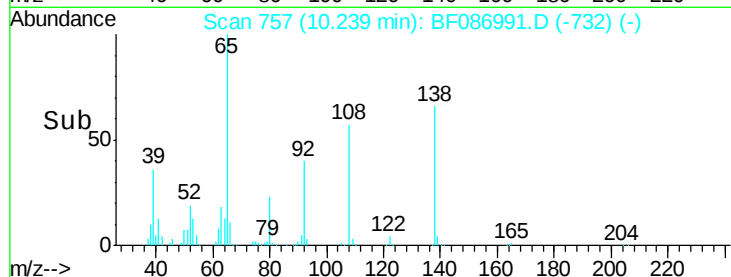
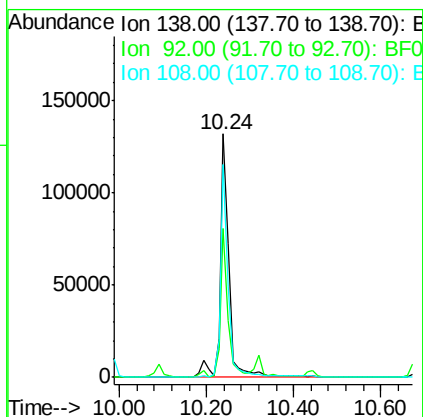
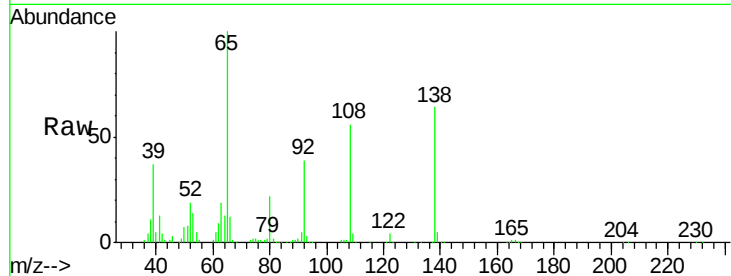




#61
4-Nitroaniline
Concen: 43.15 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

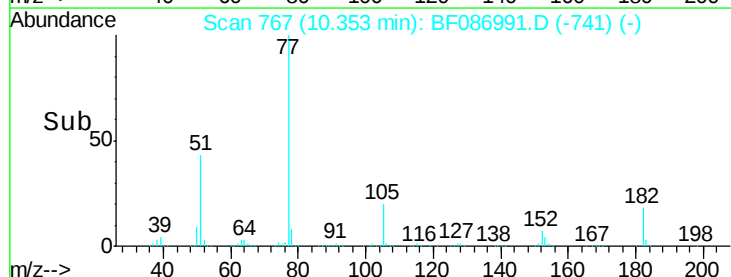
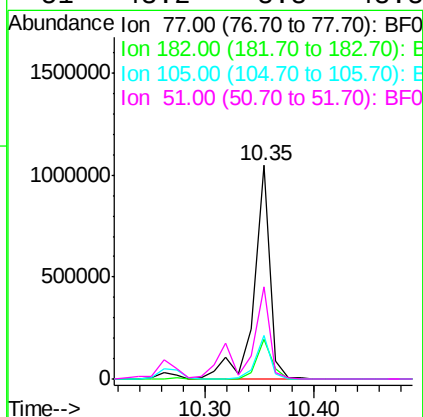
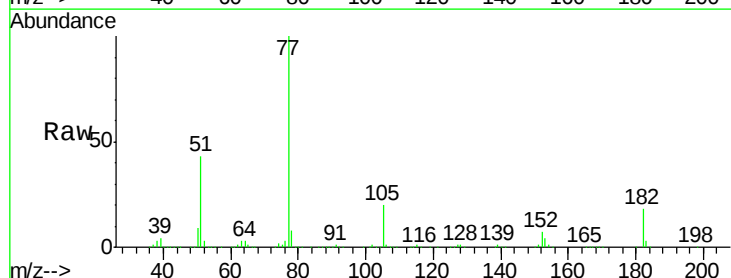
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

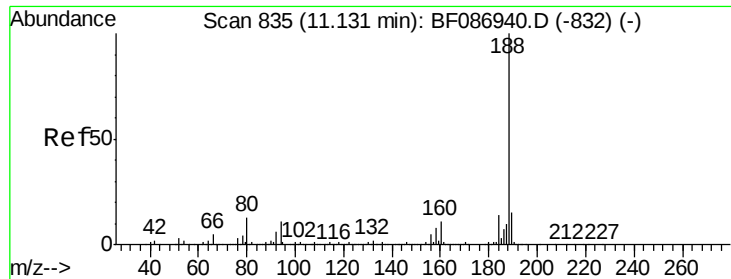
Tgt Ion:138 Resp: 192617
Ion Ratio Lower Upper
138 100
92 60.9 24.7 64.7
108 87.5 37.4 77.4#



#62
Azobenzene
Concen: 48.30 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion: 77 Resp: 1065258
Ion Ratio Lower Upper
77 100
182 18.4 0.0 38.8
105 20.2 3.2 43.2
51 43.2 8.8 48.8

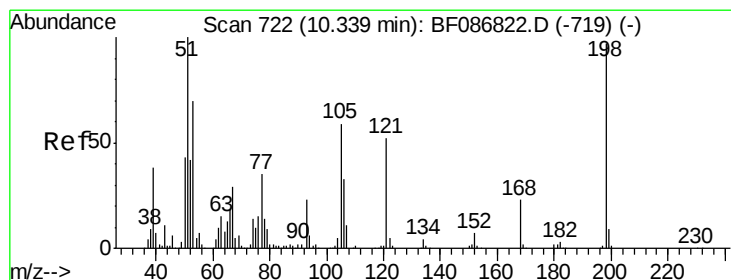
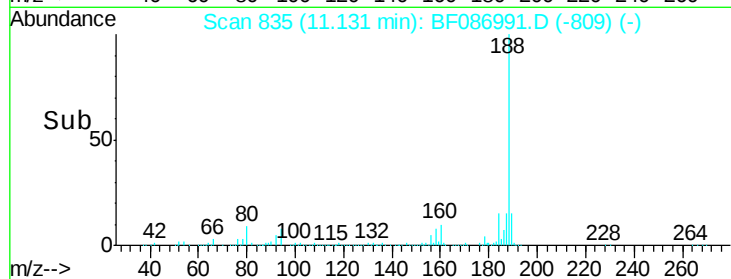
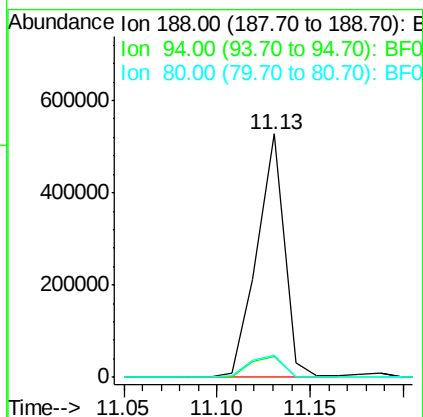
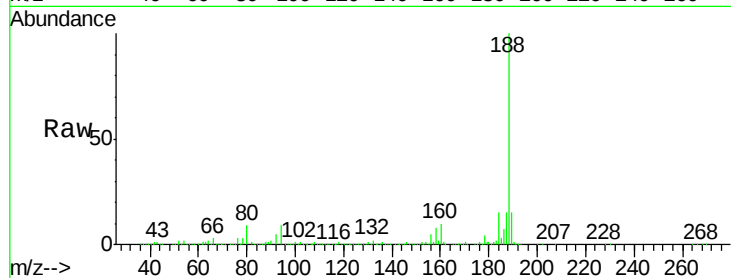




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

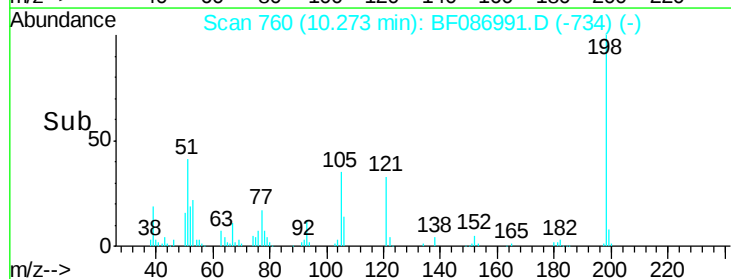
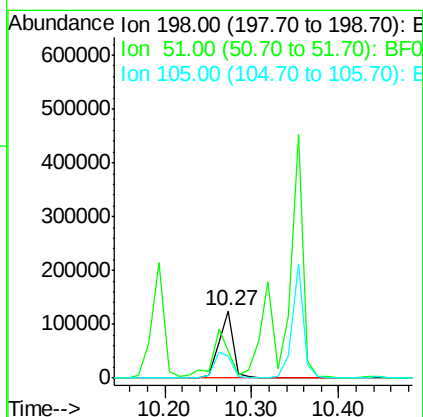
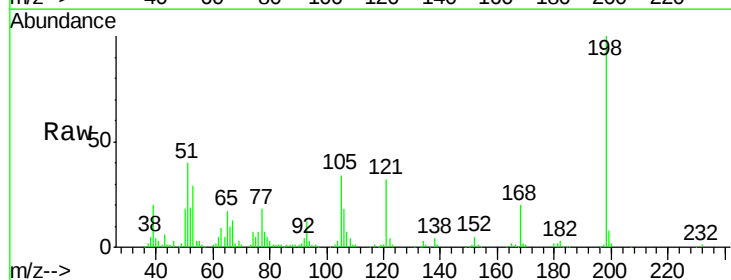
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

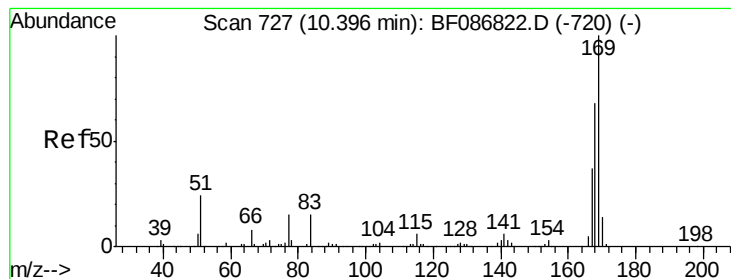
Tgt Ion:188 Resp: 538948
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.0 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 44.24 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:198 Resp: 148131
Ion Ratio Lower Upper
198 100
51 40.3 20.5 60.5
105 33.6 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 43.73 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

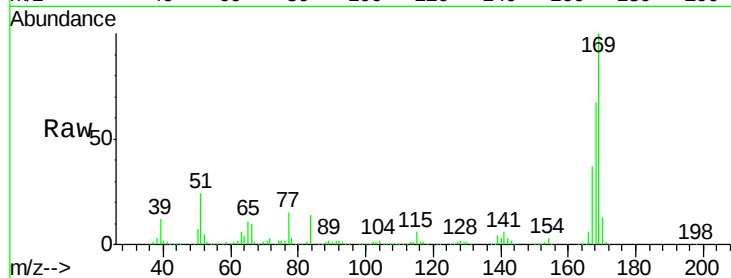
Tgt Ion:169 Resp: 724017

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

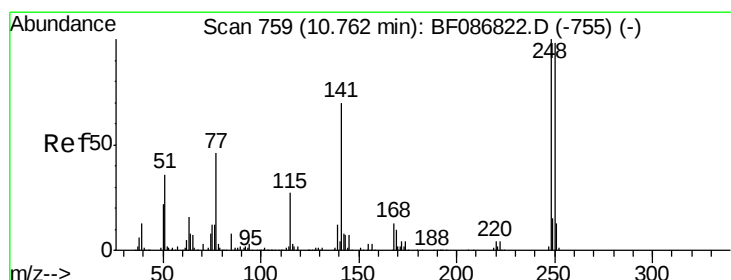
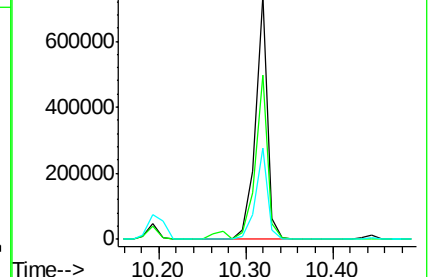
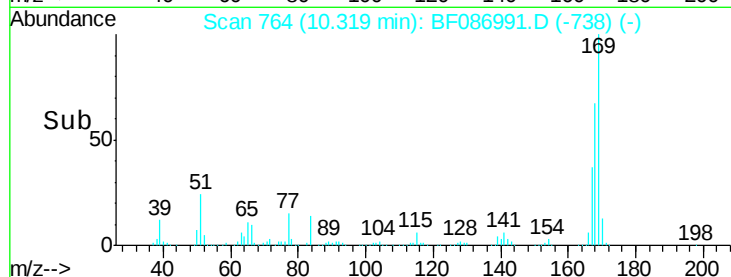
167 37.2 29.5 44.3



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: 43.08 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

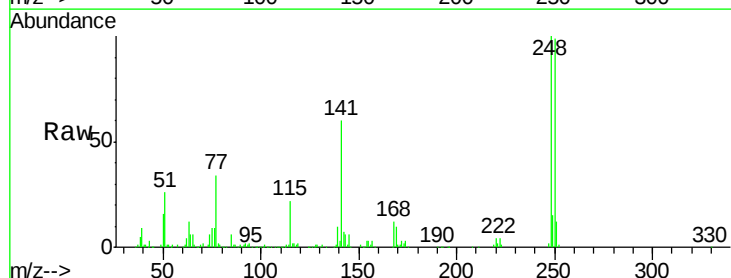
Tgt Ion:248 Resp: 235423

Ion Ratio Lower Upper

248 100

250 99.4 78.6 117.8

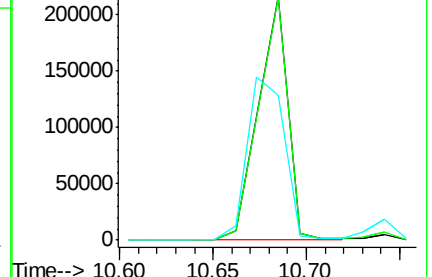
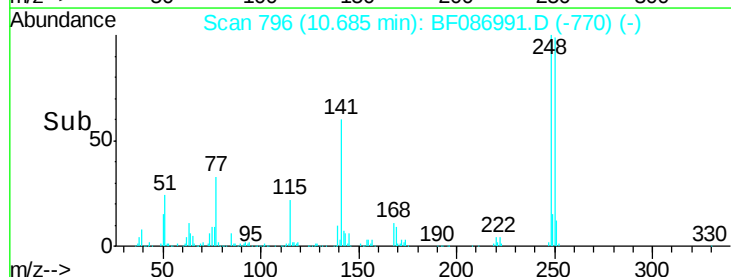
141 59.8 76.0 114.0#

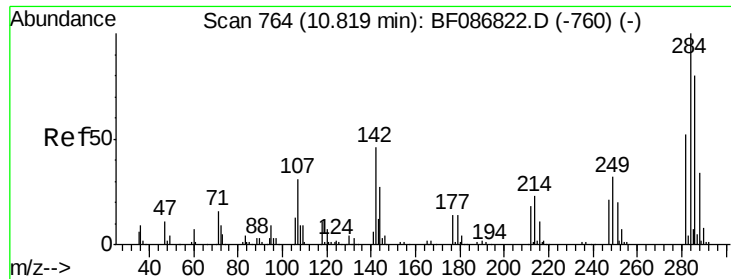


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

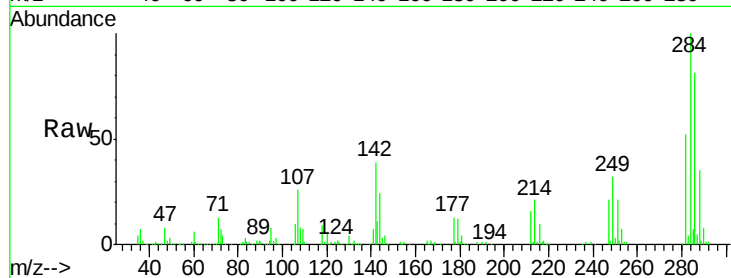




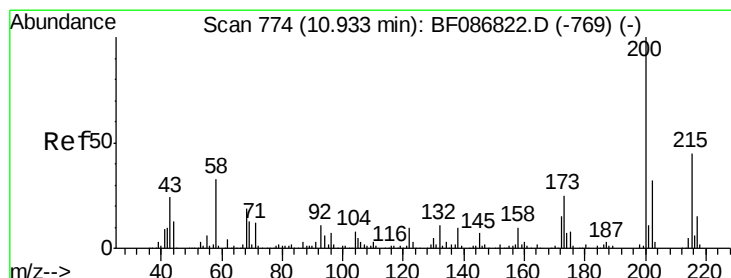
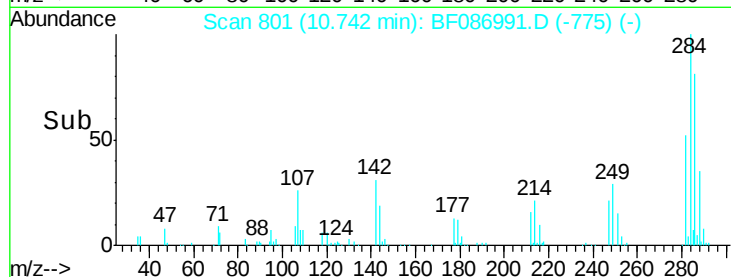
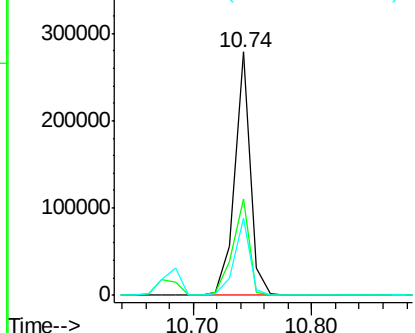
#67
Hexachlorobenzene
Concen: 40.07 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

Tgt Ion: 284 Resp: 255882
Ion Ratio Lower Upper
284 100
142 39.4 16.7 25.1#
249 31.9 21.3 31.9

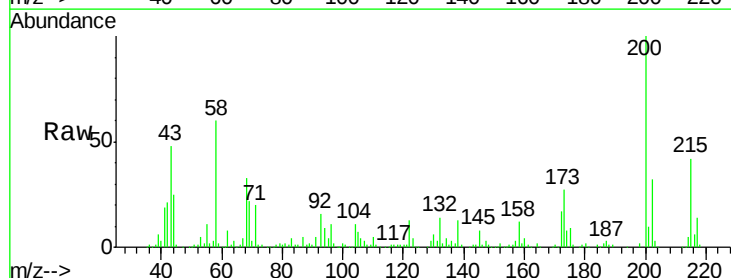


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

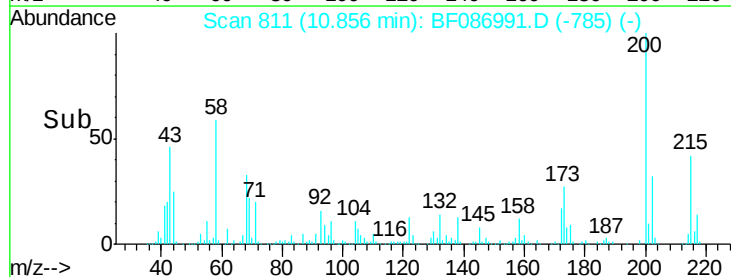
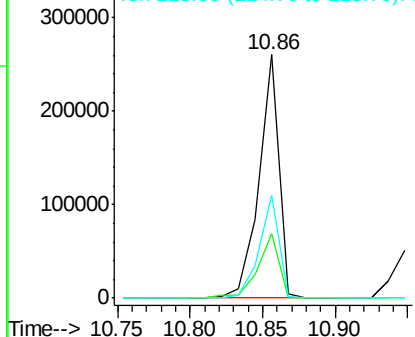


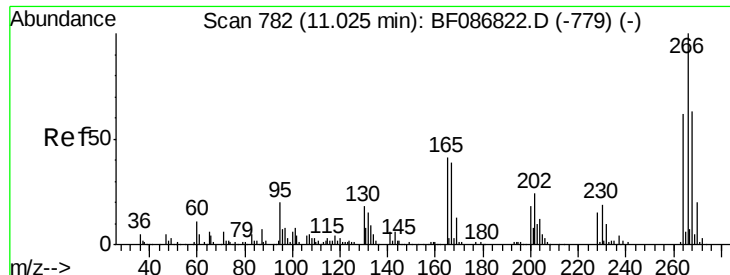
#68
Atrazine
Concen: 44.89 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion: 200 Resp: 248265
Ion Ratio Lower Upper
200 100
173 26.7 8.5 48.5
215 42.5 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

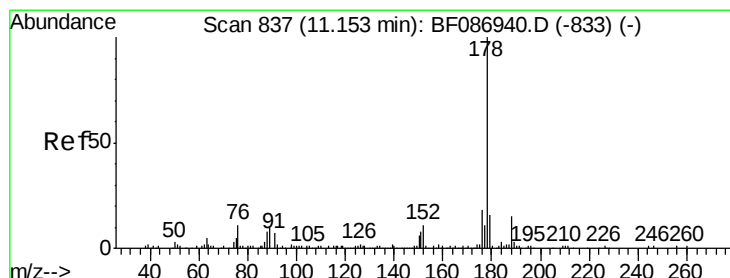
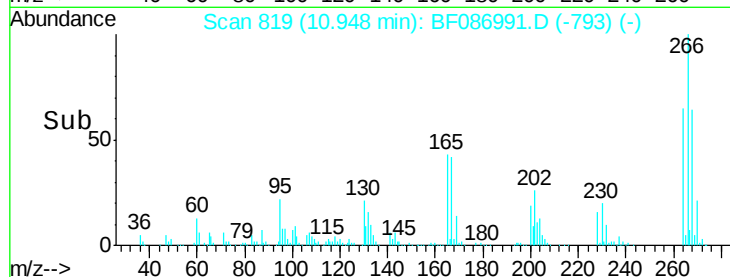
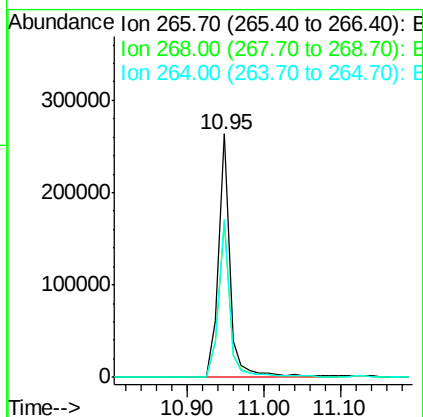
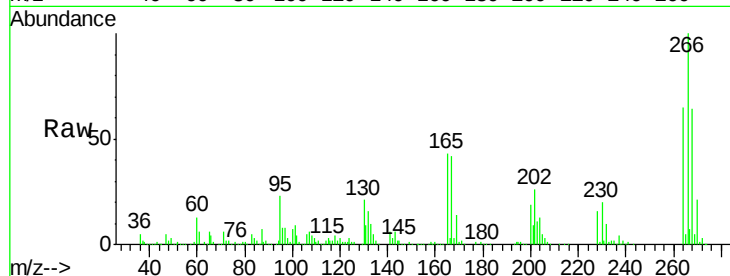




#69
 Pentachlorophenol
 Concen: 95.48 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

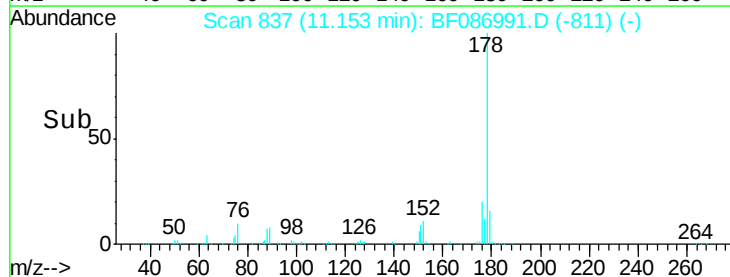
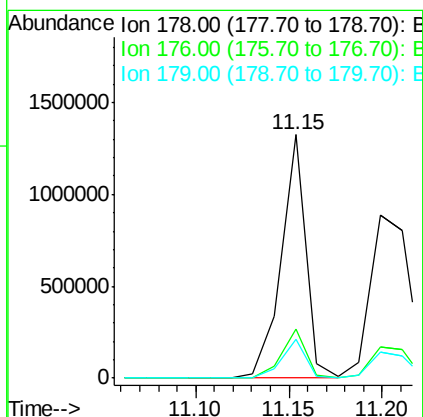
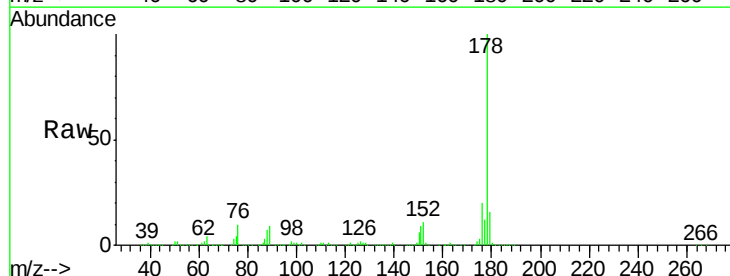
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

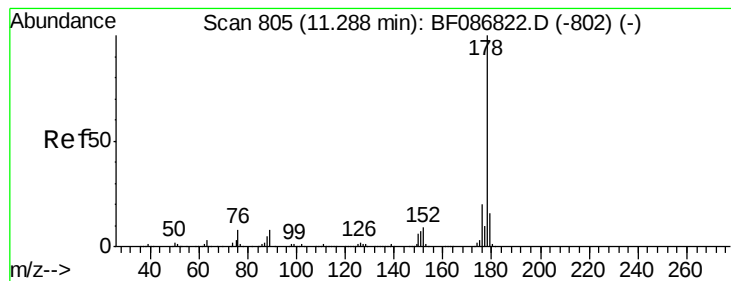
Tgt Ion:266 Resp: 281783
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.5 77.3
 264 64.8 52.9 79.3



#70
 Phenanthrene
 Concen: 42.38 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:178 Resp: 1218798
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.0 12.6 18.8





#71

Anthracene

Concen: 42.91 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

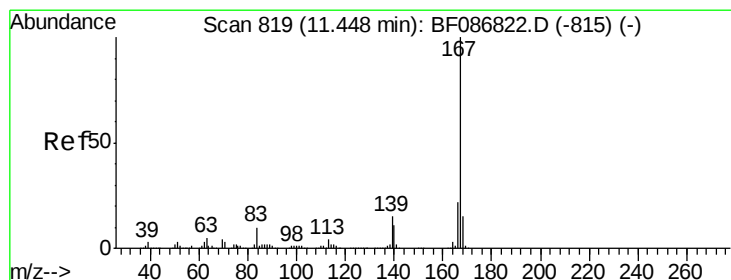
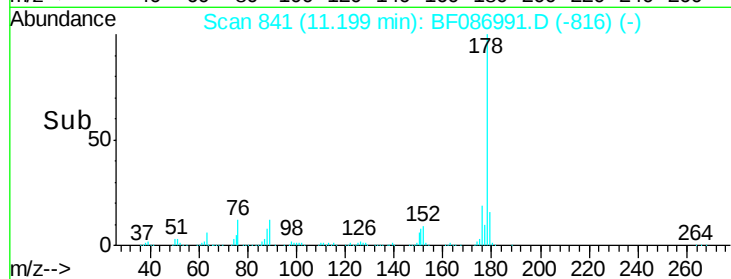
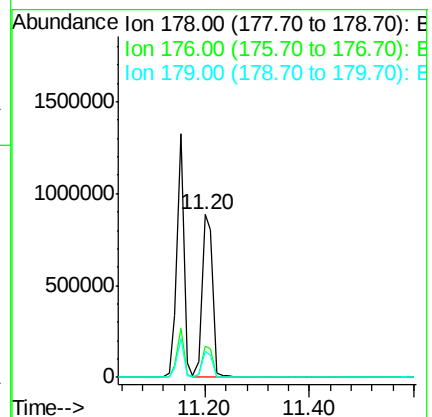
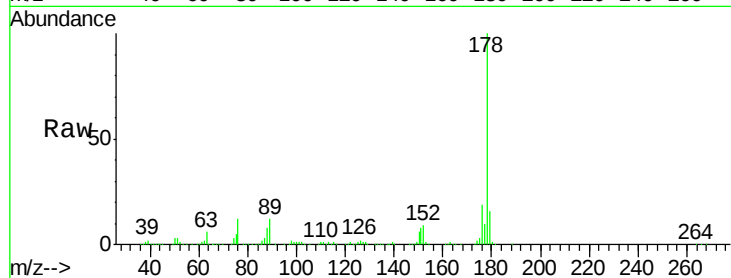
Tgt Ion:178 Resp: 1262317

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 16.1 12.7 19.1



#72

Carbazole

Concen: 49.17 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

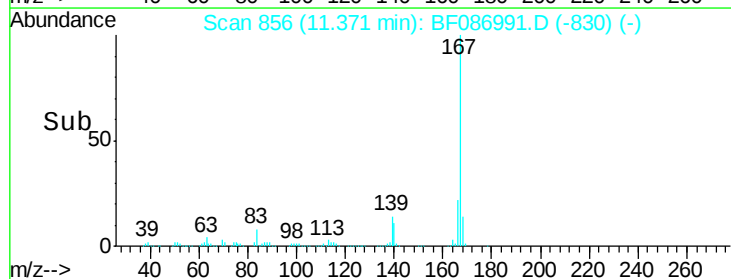
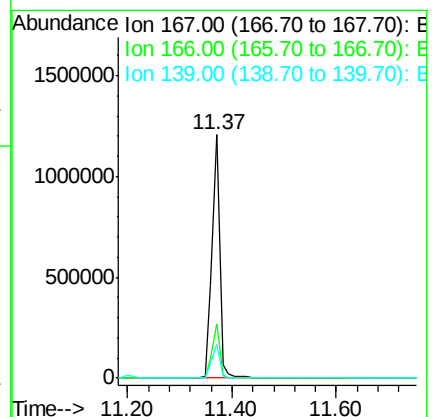
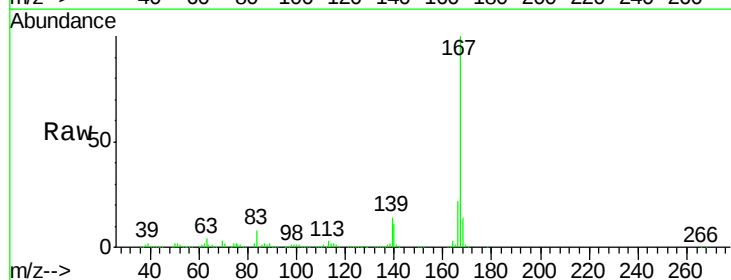
Tgt Ion:167 Resp: 1243256

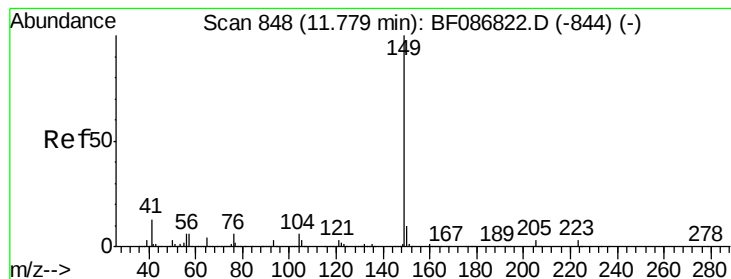
Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

139 14.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.33 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

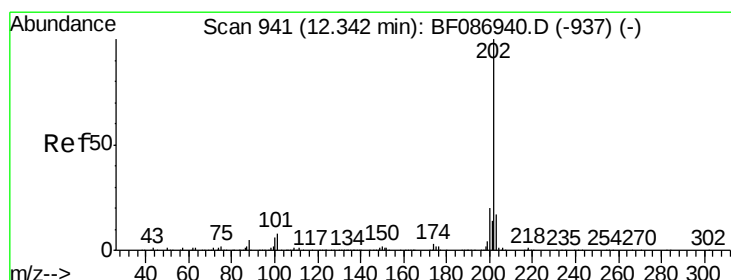
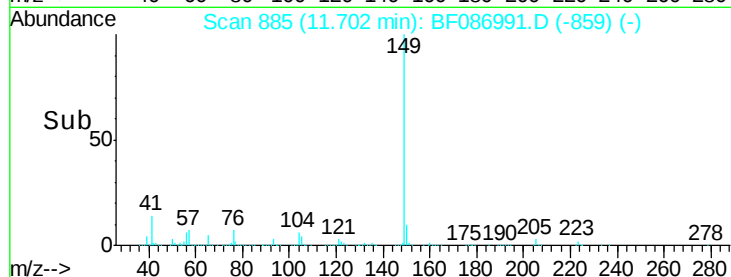
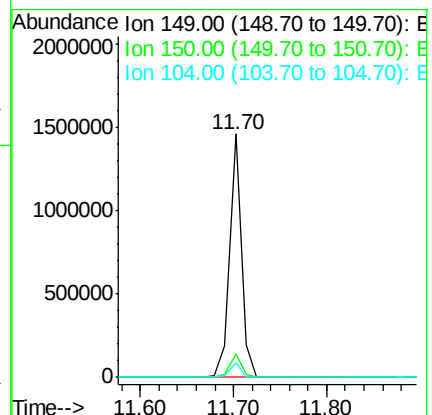
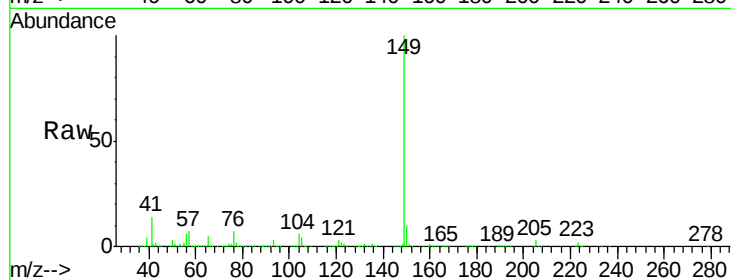
Tgt Ion:149 Resp: 1276141

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 6.2 3.8 5.6#



#74

Fluoranthene

Concen: 40.50 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

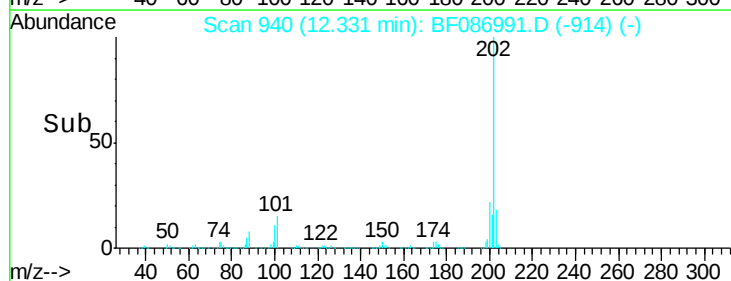
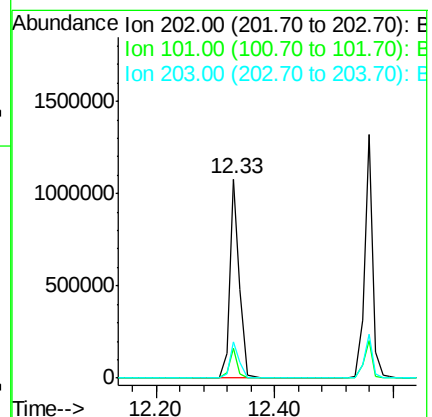
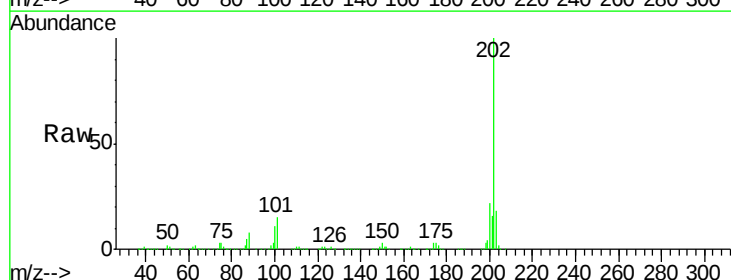
Tgt Ion:202 Resp: 1197933

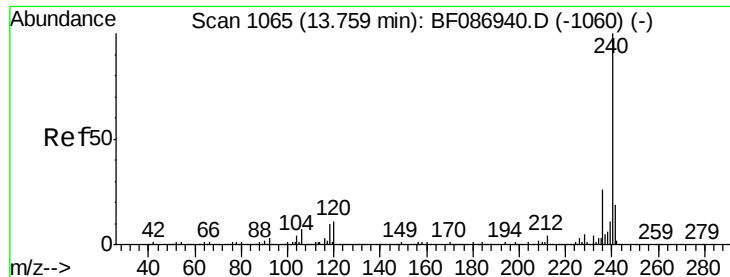
Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.4

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

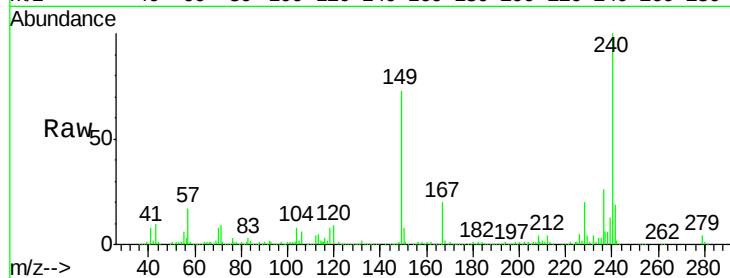
Tgt Ion:240 Resp: 414156

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

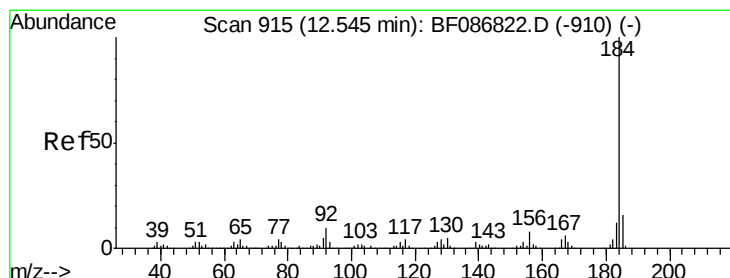
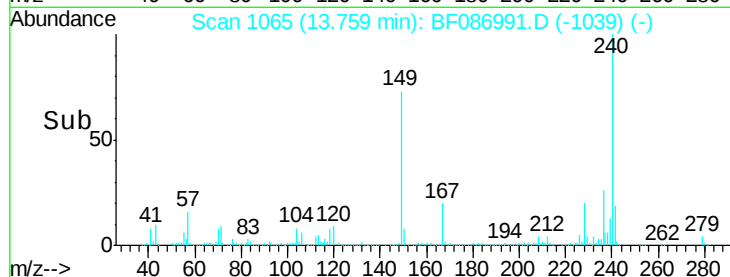
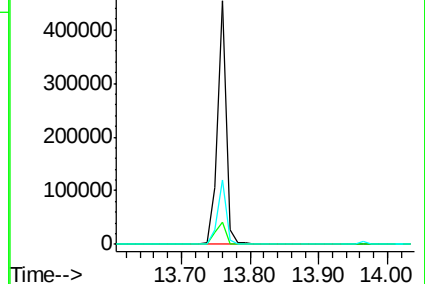
236 26.4 21.2 31.8



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: 10.31 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

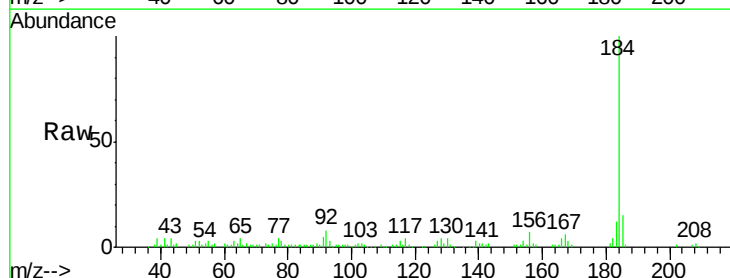
Tgt Ion:184 Resp: 108848

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

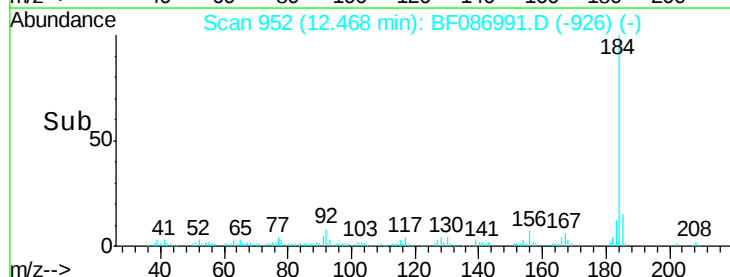
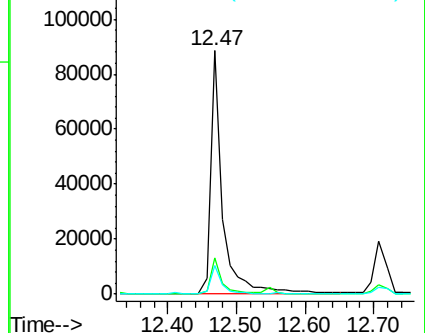
183 11.6 9.8 14.6

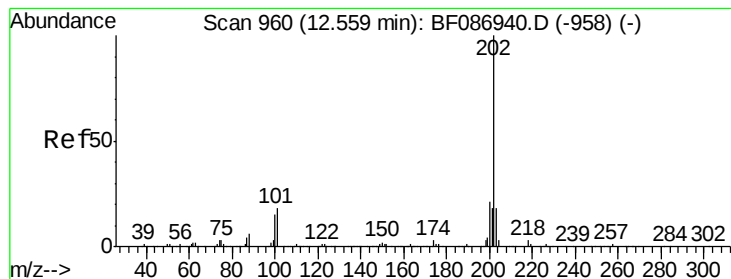


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.24 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

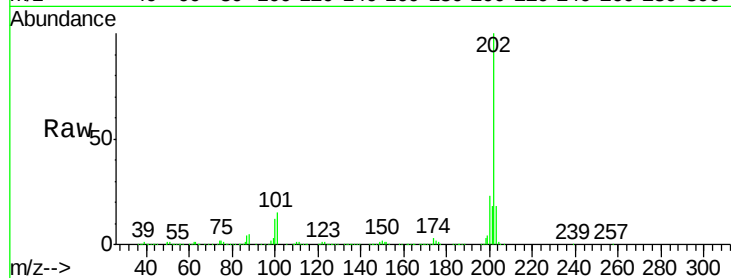
Tgt Ion:202 Resp: 1244300

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

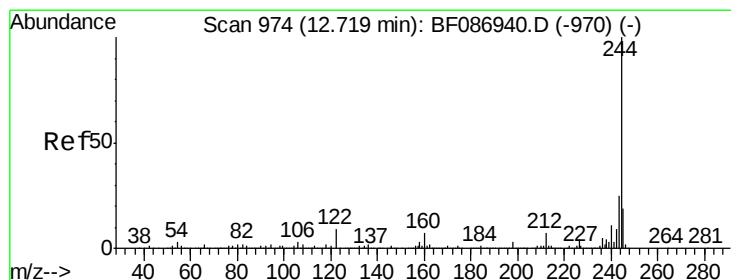
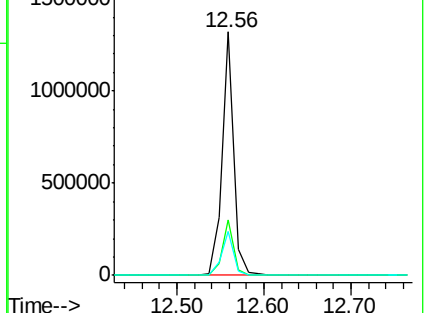
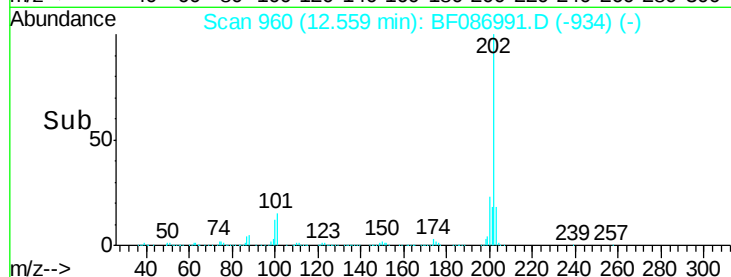
203 18.2 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.72 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

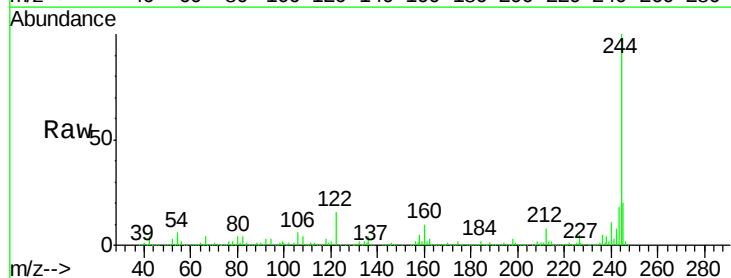
Tgt Ion:244 Resp: 1478056

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

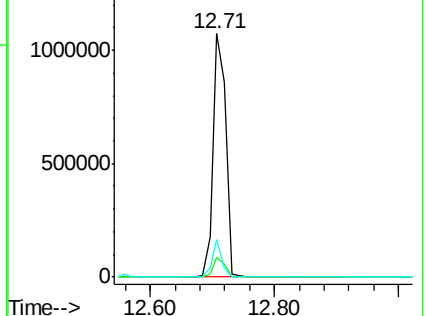
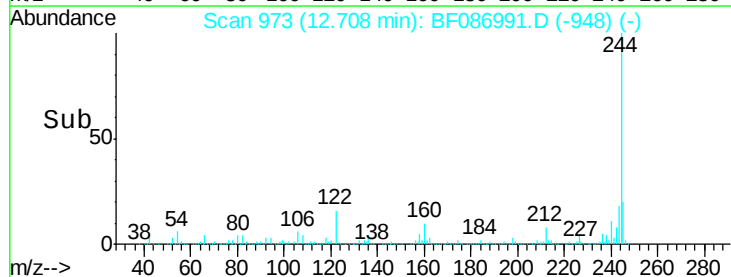
122 15.7 12.0 18.0

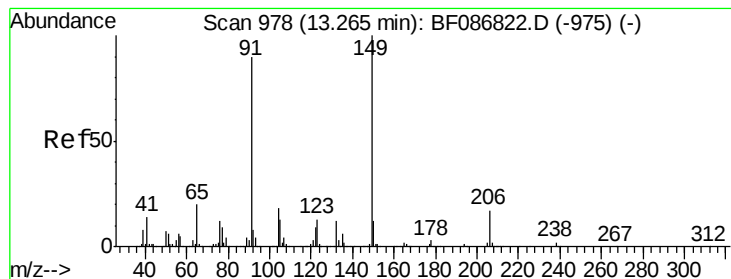


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.78 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

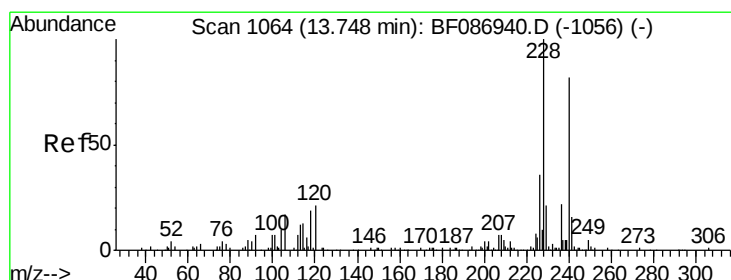
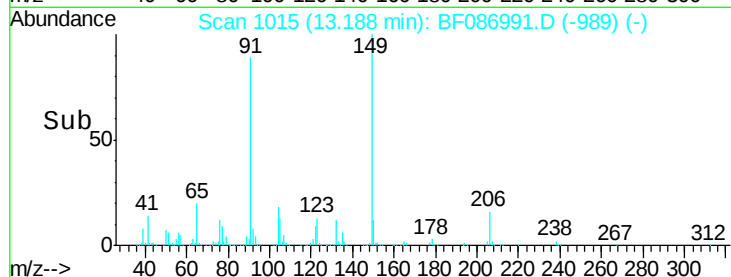
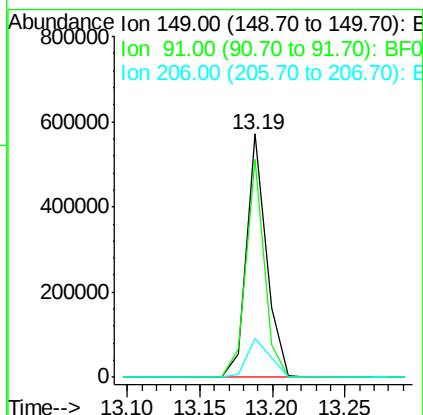
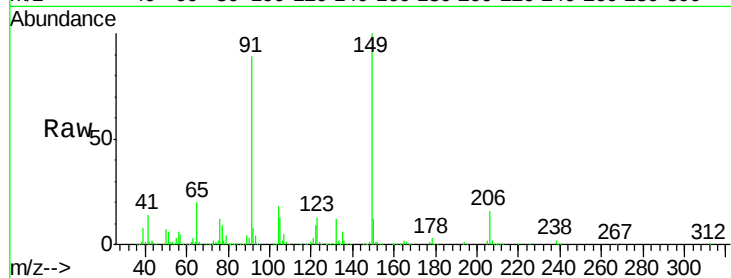
Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

Tgt Ion:	149	Resp:	546940
Ion Ratio	Lower	Upper	
149	100		
91	89.3	48.0	72.0#
206	16.1	15.8	23.6



#80

Benzo(a)anthracene

Concen: 44.07 ng

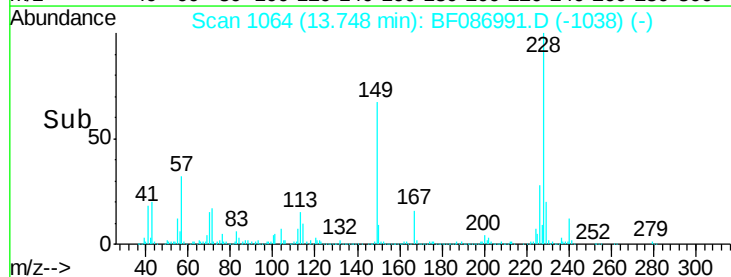
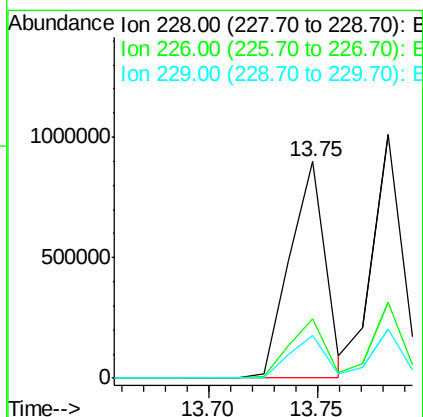
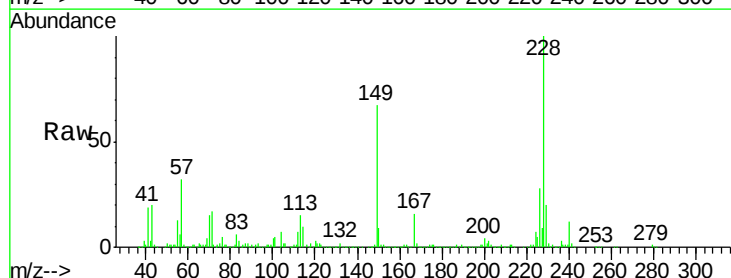
RT: 13.75 min Scan# 1064

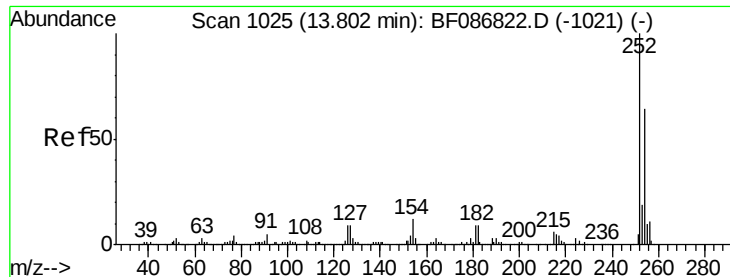
Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Tgt Ion:	228	Resp:	1024612
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.5	33.7
229	20.0	16.6	25.0

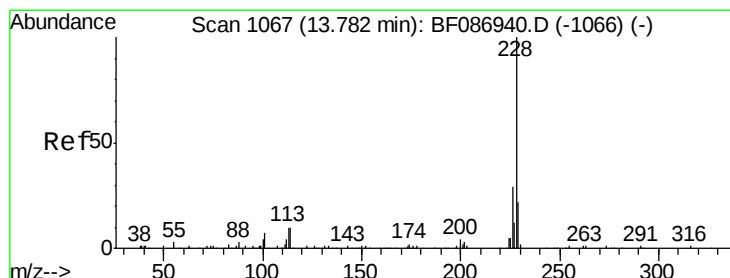
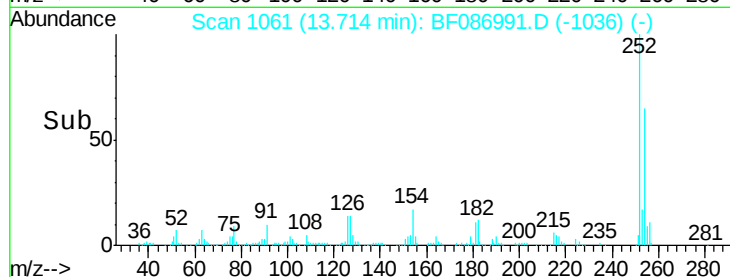
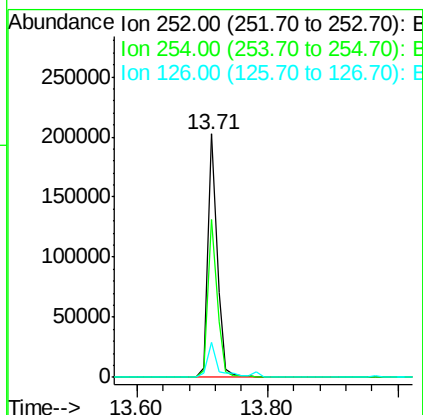
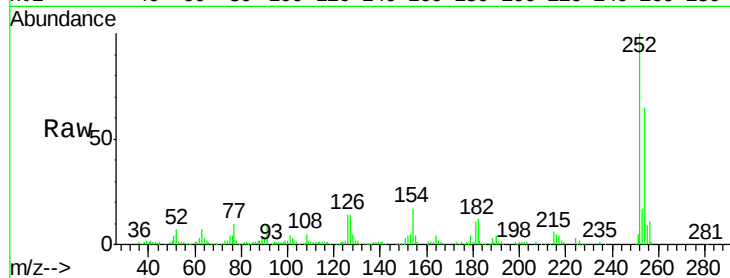




#81
 3,3'-Dichlorobenzidine
 Concen: 13.88 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

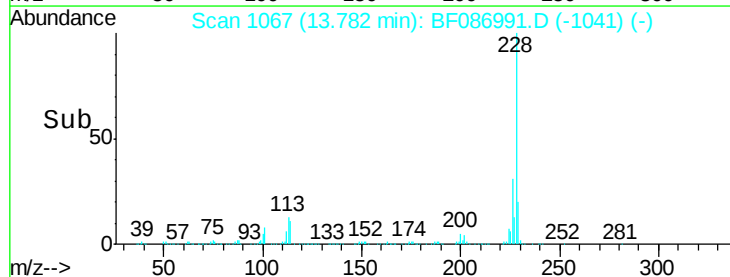
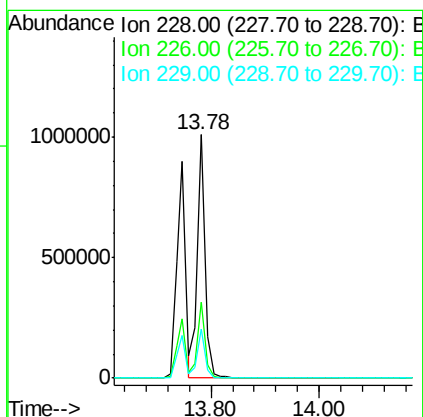
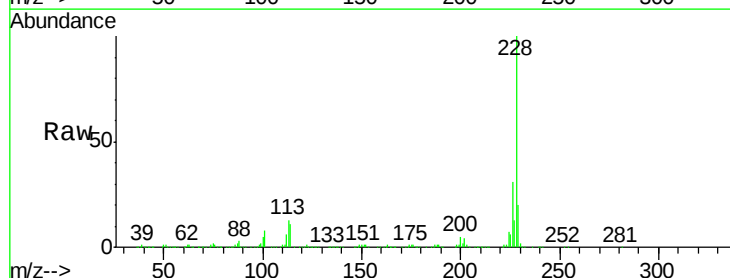
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

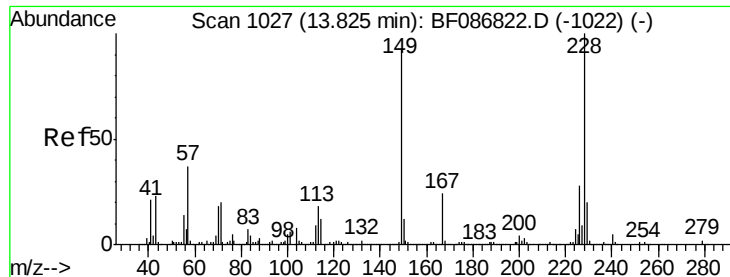
Tgt Ion:252 Resp: 205060
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.7 76.1
 126 14.1 12.7 19.1



#82
 Chrysene
 Concen: 41.74 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Tgt Ion:228 Resp: 987082
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.4 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.77 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

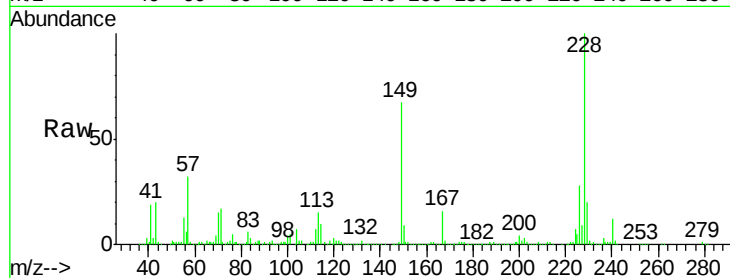
Tgt Ion:149 Resp: 673904

Ion Ratio Lower Upper

149 100

167 24.4 21.8 32.6

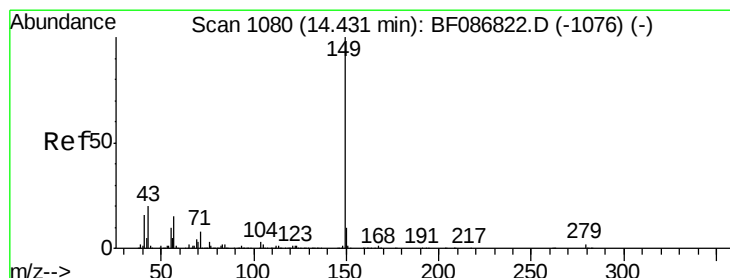
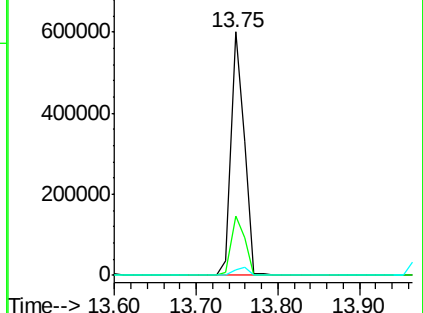
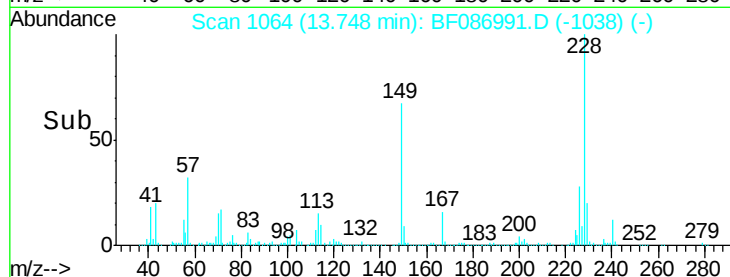
279 2.1 2.6 4.0#



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: 47.68 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

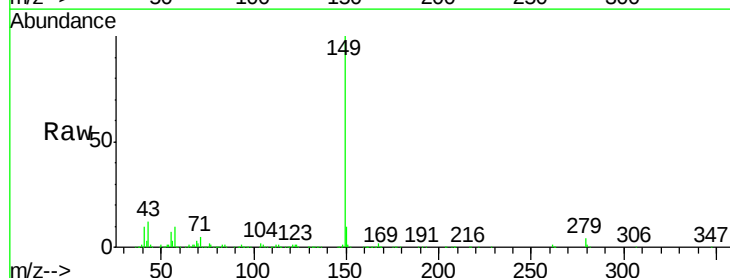
Tgt Ion:149 Resp: 1274034

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

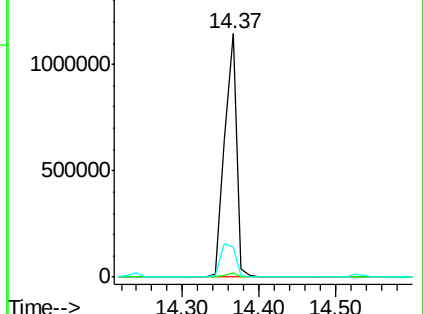
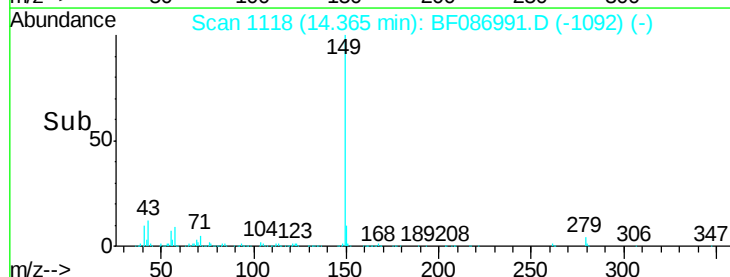
43 16.4 8.2 12.4#

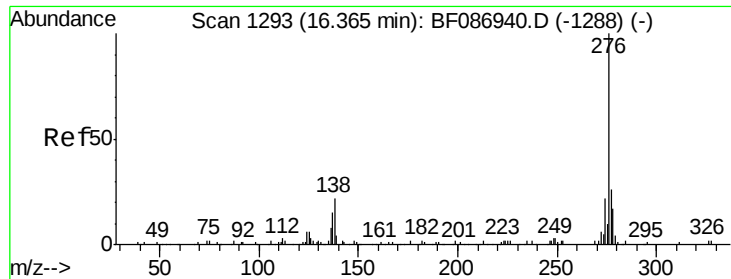


Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.92 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

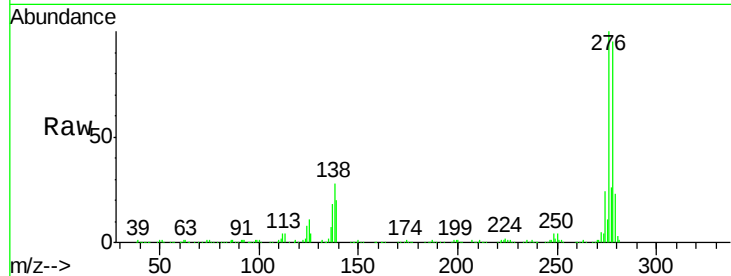
Tgt Ion:276 Resp: 864166

Ion Ratio Lower Upper

276 100

138 26.8 25.6 38.4

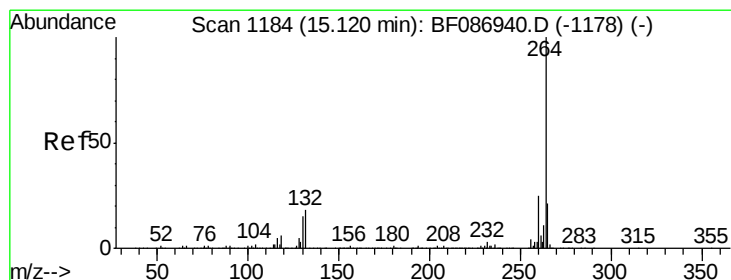
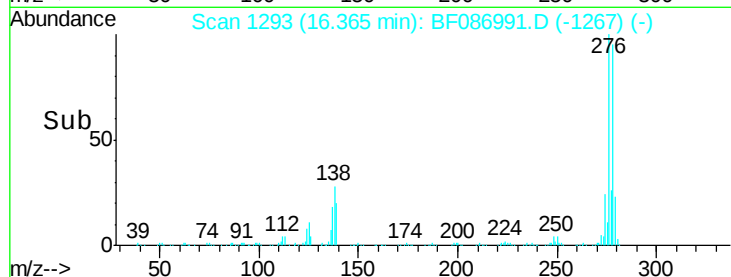
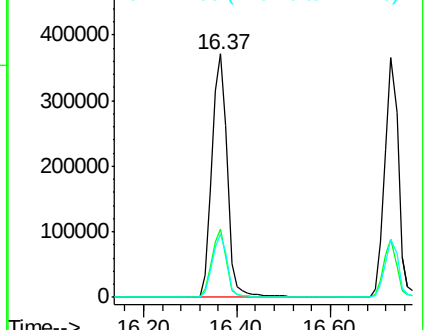
277 25.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

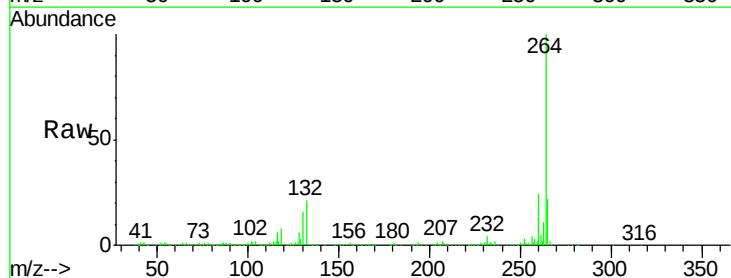
Tgt Ion:264 Resp: 340289

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

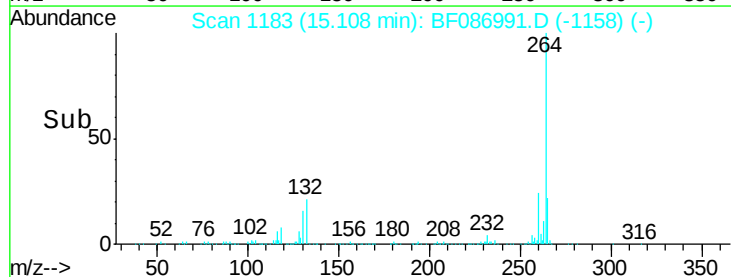
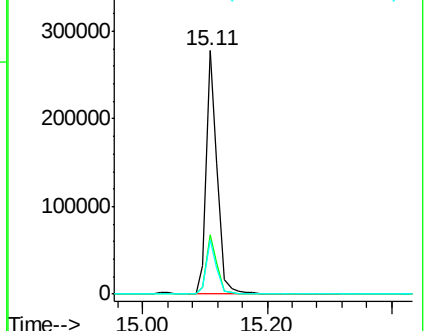
265 22.2 17.3 25.9

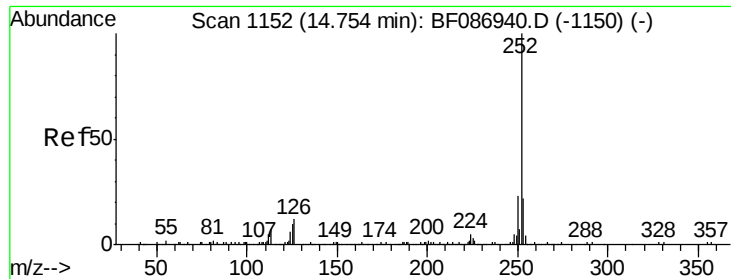


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

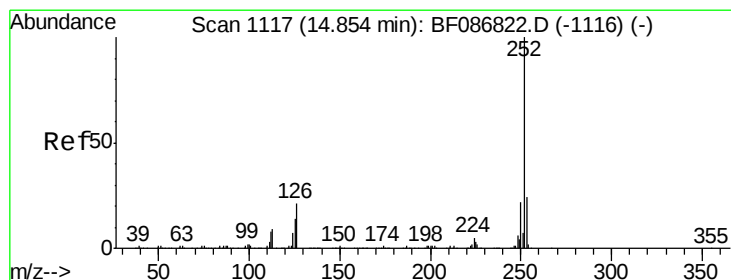
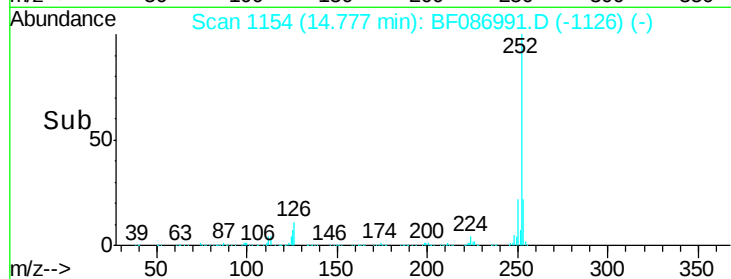
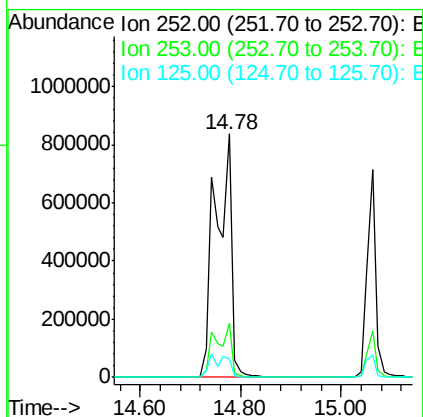
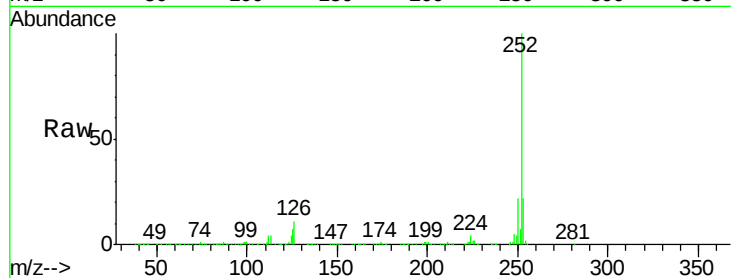




#87
Benzo(b)fluoranthene
Concen: 85.08 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

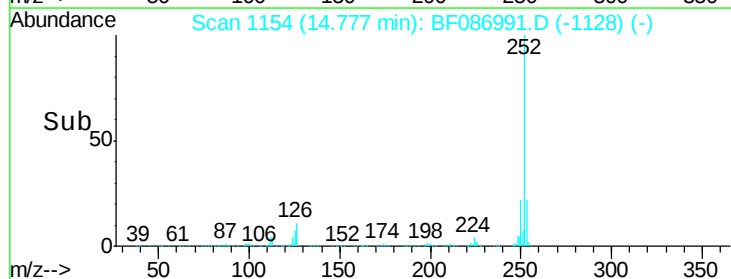
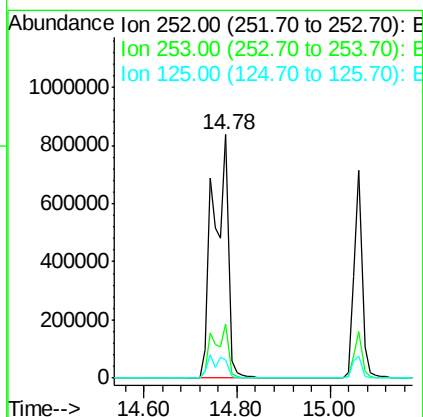
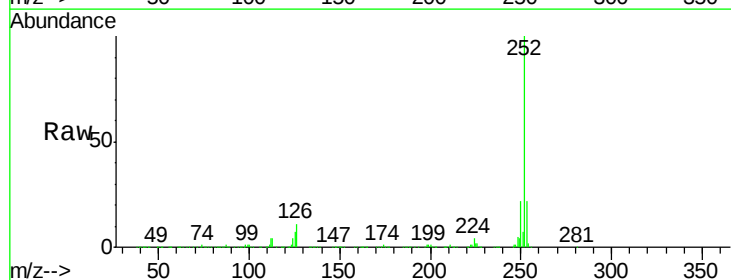
Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616MSD

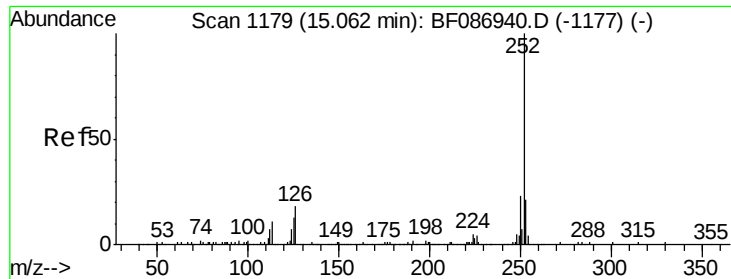
Tgt Ion:252 Resp: 1881557
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 7.5 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 103.96 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF086991.D
Acq: 14 May 2016 1:15

Tgt Ion:252 Resp: 1882570
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 7.5 9.1 13.7#





#89

Benzo(a)pyrene

Concen: 44.54 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616MSD

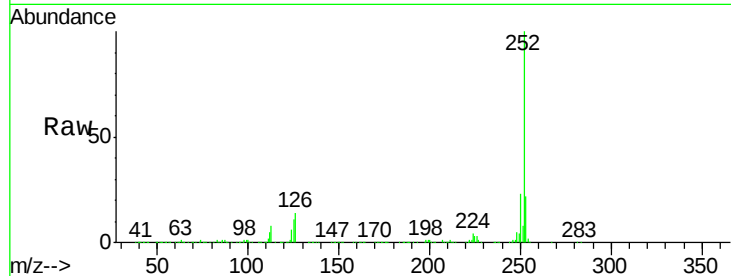
Tgt Ion:252 Resp: 849685

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

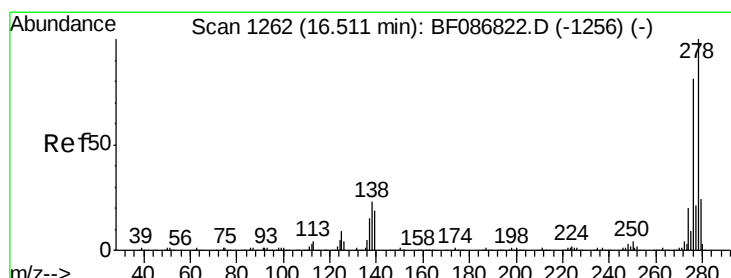
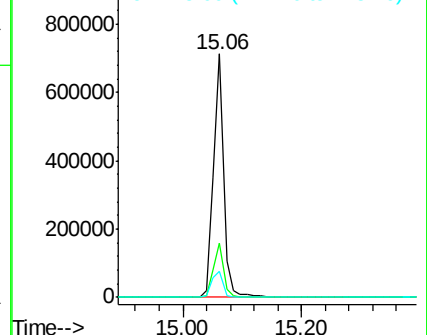
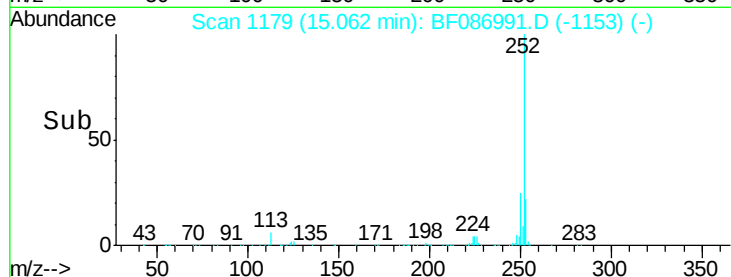
125 10.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.73 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF086991.D

Acq: 14 May 2016 1:15

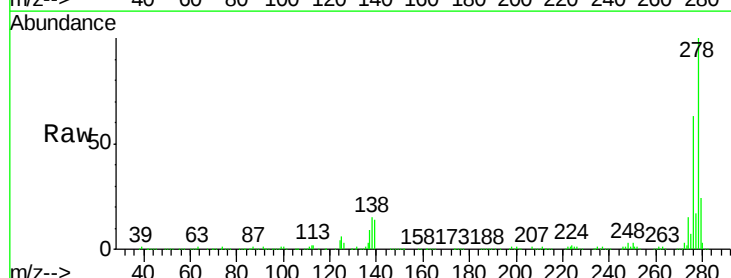
Tgt Ion:278 Resp: 719102

Ion Ratio Lower Upper

278 100

139 13.9 16.6 24.8#

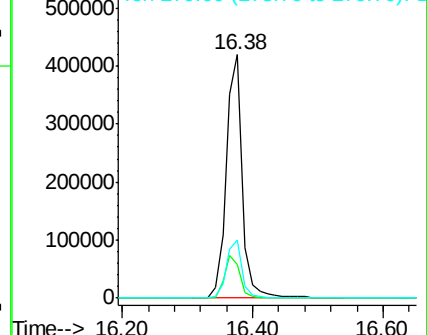
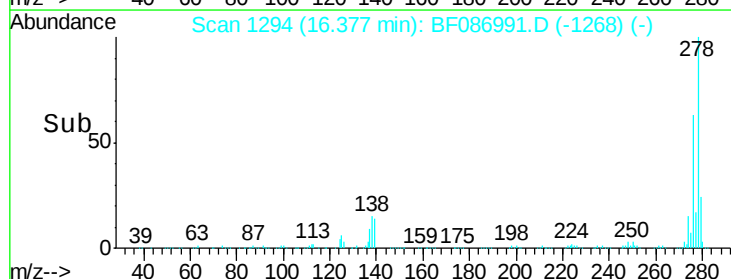
279 23.8 19.6 29.4

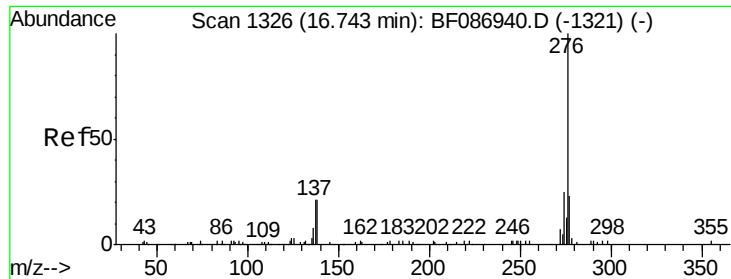


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 45.41 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF086991.D
 Acq: 14 May 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	24.4	23.6	35.4

