

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087587.D
 Acq On : 31 May 2016 18:29
 Operator : UM/SJ
 Sample : H3332-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Quant Time: Jun 01 00:50:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	104142	20.00	ng	-0.07
21) Naphthalene-d8	9.47	136	421831	20.00	ng	-0.08
38) Acenaphthene-d10	12.30	164	201762	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	387948	20.00	ng	-0.07
75) Chrysene-d12	18.42	240	329382	20.00	ng	-0.06
86) Perylene-d12	20.13	264	255837	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	933767	157.55	ng	-0.03
7) Phenol-d6	7.02	99	1200735	149.93	ng	-0.06
23) Nitrobenzene-d5	8.36	82	864885	103.33	ng	-0.08
41) 2,4,6-Tribromophenol	13.61	330	315699	162.83	ng	-0.07
44) 2-Fluorobiphenyl	11.26	172	1434410	100.23	ng	-0.08
78) Terphenyl-d14	17.06	244	1390078	89.72	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	125948	40.27	ng	# 70
3) Pyridine	2.54	79	215878	31.58	ng	# 68
4) n-Nitrosodimethylamine	2.44	42	275334	52.27	ng	# 42
6) Aniline	6.99	93	120130	11.60	ng	92
8) 2-Chlorophenol	7.14	128	376802	50.98	ng	92
9) Benzaldehyde	6.87	77	29173	6.60	ng	# 88
10) Phenol	7.04	94	448383	51.27	ng	73
11) bis(2-Chloroethyl)ether	7.10	93	380945	53.82	ng	89
12) 1,3-Dichlorobenzene	7.34	146	384023	47.64	ng	# 90
13) 1,4-Dichlorobenzene	7.47	146	400825	48.43	ng	96
14) 1,2-Dichlorobenzene	7.70	146	380820	49.75	ng	98
15) Benzyl Alcohol	7.76	79	362552	62.09	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.94	45	720960	45.27	ng	88
17) 2-Methylphenol	7.99	107	315814	53.32	ng	# 89
18) Hexachloroethane	8.20	117	153731	49.79	ng	96
19) n-Nitroso-di-n-propylamine	8.17	70	314091	52.59	ng	# 70
20) 3+4-Methylphenols	8.26	107	409345	57.17	ng	# 62
22) Acetophenone	8.14	105	554146	54.99	ng	# 96
24) Nitrobenzene	8.40	77	453731	51.36	ng	97
25) Isophorone	8.79	82	775509	51.66	ng	98
26) 2-Nitrophenol	8.90	139	196314	54.36	ng	# 64
27) 2,4-Dimethylphenol	9.05	122	332305	53.01	ng	# 85
28) bis(2-Chloroethoxy)methane	9.16	93	467600	55.30	ng	98
29) 2,4-Dichlorophenol	9.34	162	315696	55.87	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	329591	50.96	ng	99
31) Naphthalene	9.51	128	1302475	61.62	ng	99
32) Benzoic acid	9.44	122	182599	55.52	ng	# 77
33) 4-Chloroaniline	9.74	127	66028	8.48	ng	# 92
34) Hexachlorobutadiene	9.71	225	197287	50.18	ng	98
35) Caprolactam	10.32	113	48082	29.16	ng	# 56
36) 4-Chloro-3-methylphenol	10.55	107	352648	55.21	ng	90
37) 2-Methylnaphthalene	10.63	142	746660	56.54	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	318636	49.34	ng	98
40) Hexachlorocyclopentadiene	10.87	237	178508	68.68	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087587.D
 Acq On : 31 May 2016 18:29
 Operator : UM/SJ
 Sample : H3332-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

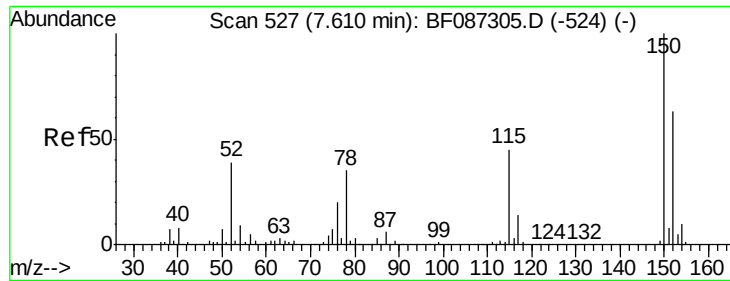
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Quant Time: Jun 01 00:50:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.15	196	202452	54.31	ng	93
43) 2,4,5-Trichlorophenol	11.24	196	185138	48.77	ng #	83
45) 1,1'-Biphenyl	11.40	154	918282	54.06	ng	98
46) 2-Chloronaphthalene	11.42	162	666146	51.26	ng	93
47) 2-Nitroaniline	11.66	65	270078	57.68	ng	84
48) Acenaphthylene	12.08	152	1061203	51.58	ng	99
49) Dimethylphthalate	11.97	163	826769	51.15	ng	100
50) 2,6-Dinitrotoluene	12.07	165	176362	54.15	ng #	69
51) Acenaphthene	12.35	154	672434	53.17	ng	98
52) 3-Nitroaniline	12.37	138	65088	19.47	ng	86
53) 2,4-Dinitrophenol	12.55	184	178934	105.12	ng #	74
54) Dibenzofuran	12.65	168	996379	58.19	ng	97
55) 4-Nitrophenol	12.65	139	428865	268.98	ng #	15
56) 2,4-Dinitrotoluene	12.73	165	257530	59.17	ng #	89
57) Fluorene	13.20	166	793205	53.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	177957	60.94	ng	98
59) Diethylphthalate	13.11	149	839495	53.42	ng	99
60) 4-Chlorophenyl-phenylether	13.22	204	365468	50.48	ng	94
61) 4-Nitroaniline	13.36	138	167195	53.60	ng #	68
62) Azobenzene	13.49	77	1032304	63.32	ng	86
64) 4,6-Dinitro-2-methylphenol	13.41	198	118317	47.96	ng #	72
65) n-Nitrosodiphenylamine	13.44	169	665657	53.06	ng	99
66) 4-Bromophenyl-phenylether	14.01	248	219404	51.70	ng #	88
67) Hexachlorobenzene	14.08	284	229563	51.72	ng #	71
68) Atrazine	14.37	200	213204	53.31	ng	94
69) Pentachlorophenol	14.46	266	135421	96.76	ng	95
70) Phenanthrene	14.74	178	1164648	54.20	ng	100
71) Anthracene	14.83	178	1194638	55.03	ng	99
72) Carbazole	15.13	167	1050638	56.75	ng	99
73) Di-n-butylphthalate	15.69	149	1290533	53.90	ng #	98
74) Fluoranthene	16.51	202	1234604	57.29	ng	96
76) Benzidine	16.78	184	116929	13.80	ng	96
77) Pyrene	16.82	202	1223680	51.61	ng	100
79) Butylbenzylphthalate	17.73	149	540372	51.39	ng #	77
80) Benzo(a)anthracene	18.41	228	1018539	54.36	ng	99
81) 3,3'-Dichlorobenzidine	18.40	252	96758	9.35	ng #	97
82) Chrysene	18.46	228	986126	53.03	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	737613	48.08	ng	98
84) Di-n-octyl phthalate	19.23	149	1211257	51.77	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.31	276	720396	48.33	ng	94
87) Benzo(b)fluoranthene	19.69	252	1757443	107.84	ng #	95
88) Benzo(k)fluoranthene	19.69	252	1758759	125.38	ng #	97
89) Benzo(a)pyrene	20.05	252	763867	54.20	ng	98
90) Dibenzo(a,h)anthracene	21.30	278	622710	51.80	ng	95
91) Benzo(g,h,i)perylene	21.69	276	561399	47.33	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

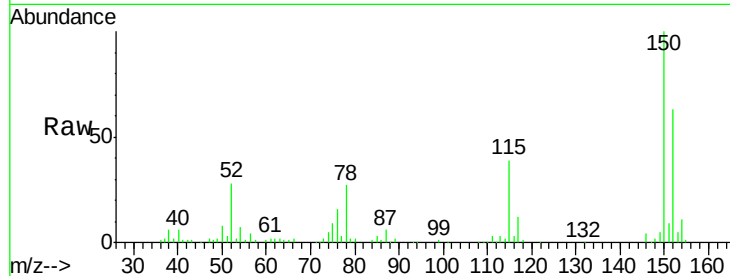
Tgt Ion:152 Resp: 104142

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

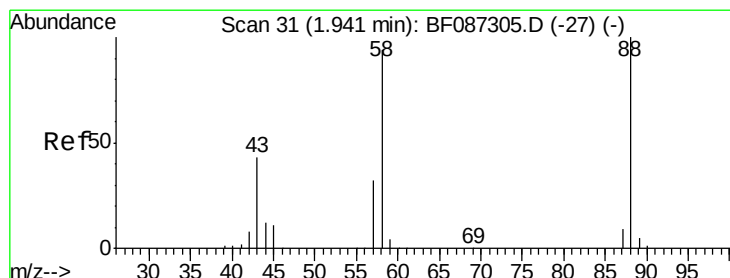
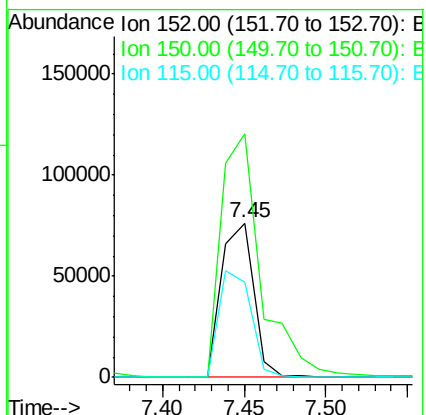
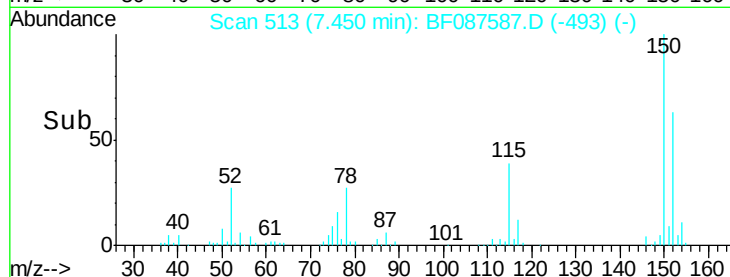
115 61.6 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.27 ng

RT: 1.94 min Scan# 31

Delta R.T. 0.13 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

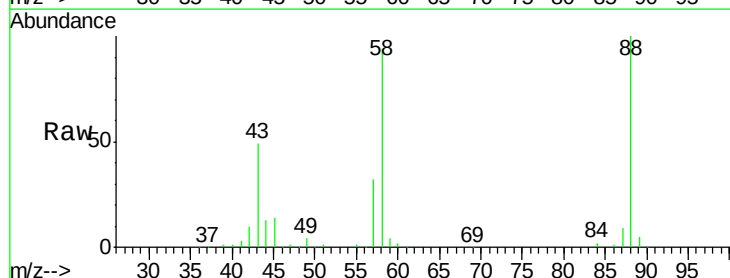
Tgt Ion: 88 Resp: 125948

Ion Ratio Lower Upper

88 100

58 92.6 59.6 89.4#

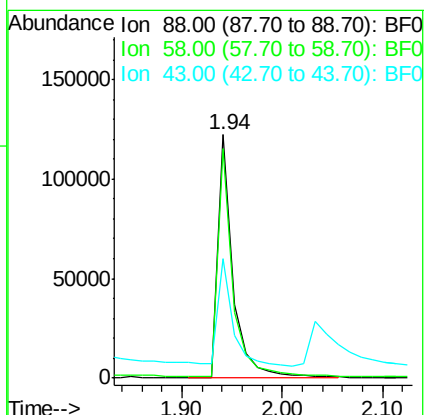
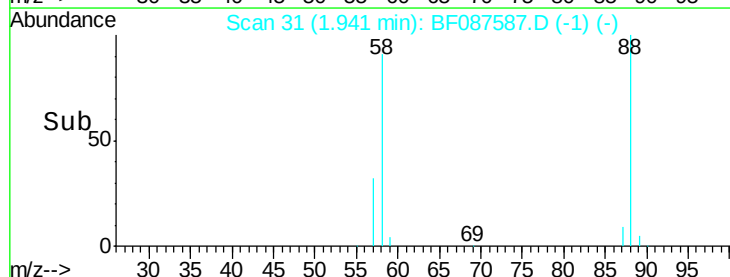
43 0.0 21.8 32.6#

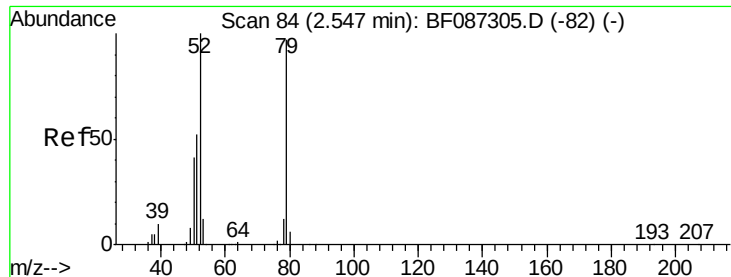


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.58 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.13 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

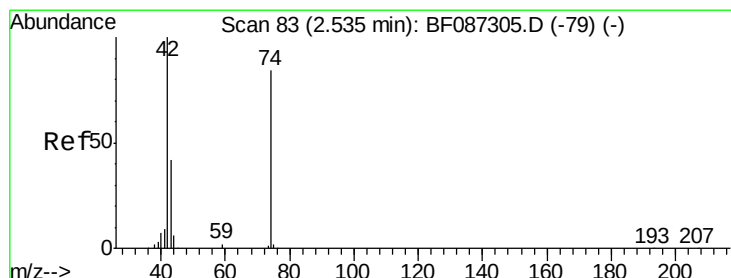
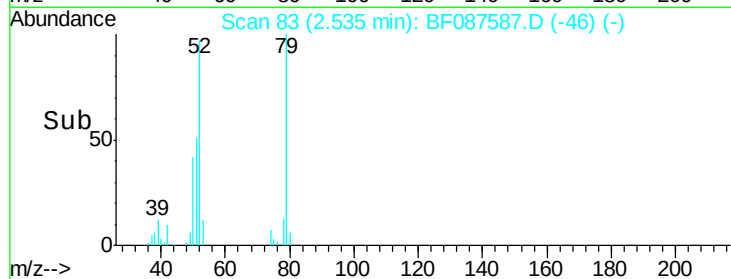
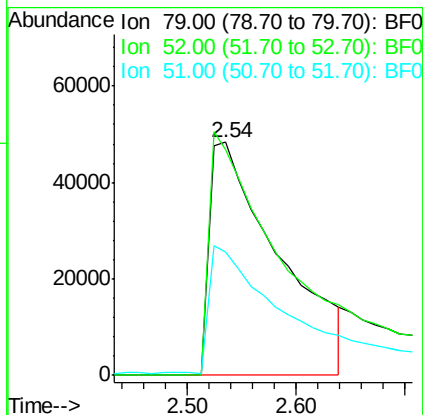
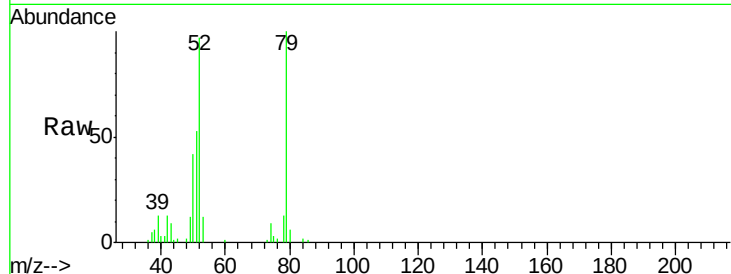
Tgt Ion: 79 Resp: 215878

Ion Ratio Lower Upper

79 100

52 97.2 55.9 83.9#

51 53.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 52.27 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

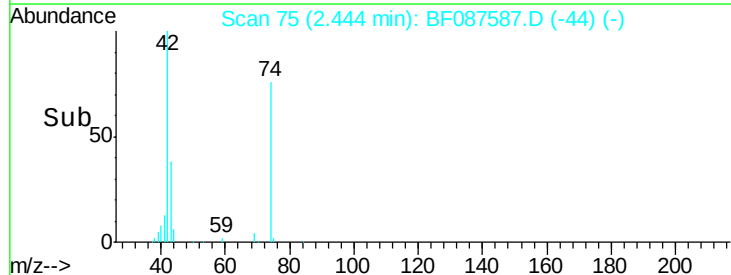
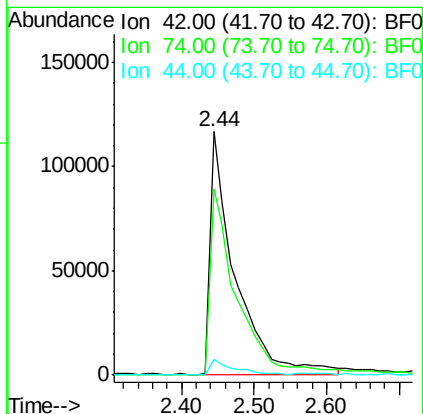
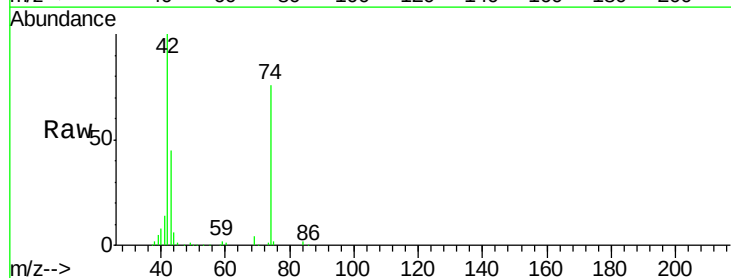
Tgt Ion: 42 Resp: 275334

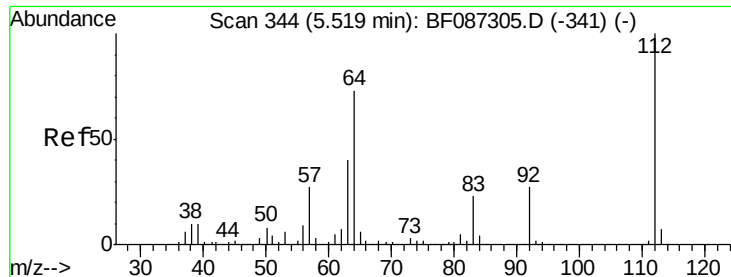
Ion Ratio Lower Upper

42 100

74 76.2 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 157.55 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

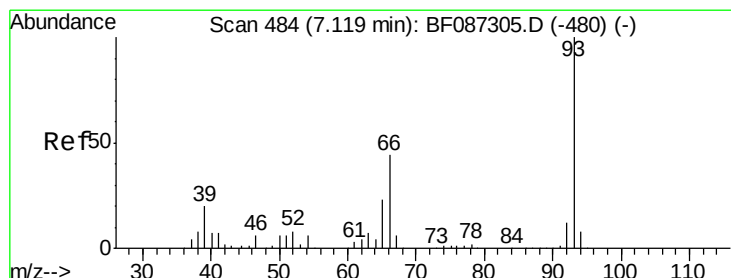
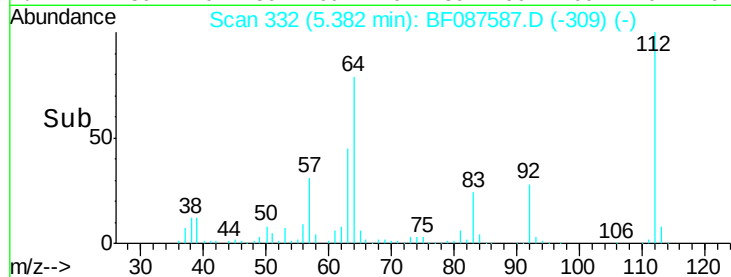
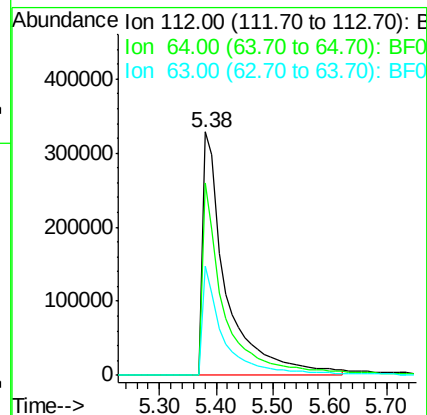
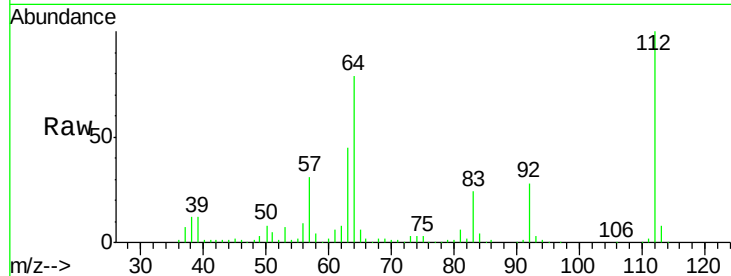
Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tgt Ion:	112	Resp:	933767
Ion	Ratio	Lower	Upper
112	100		
64	78.9	52.1	78.1#
63	45.0	25.7	38.5#



#6

Aniline

Concen: 11.60 ng

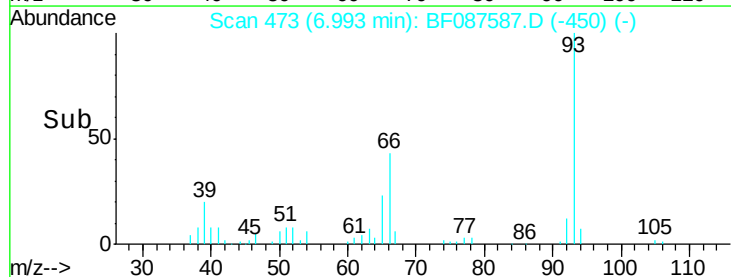
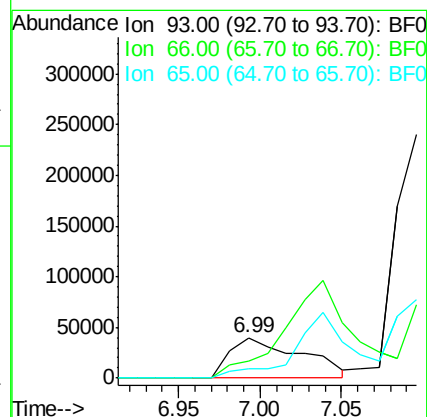
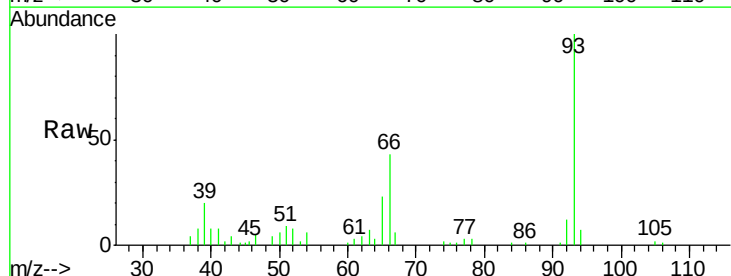
RT: 6.99 min Scan# 473

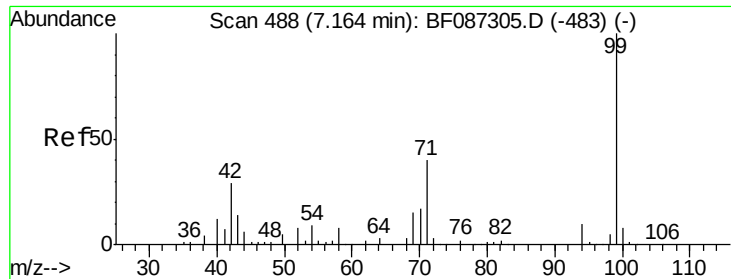
Delta R.T. -0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	93	Resp:	120130
Ion	Ratio	Lower	Upper
93	100		
66	43.1	39.0	58.6
65	22.5	20.6	31.0





#7

Phenol-d6

Concen: 149.93 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

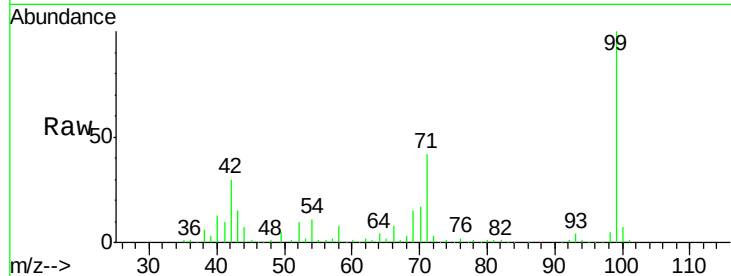
Tgt Ion: 99 Resp: 1200735

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

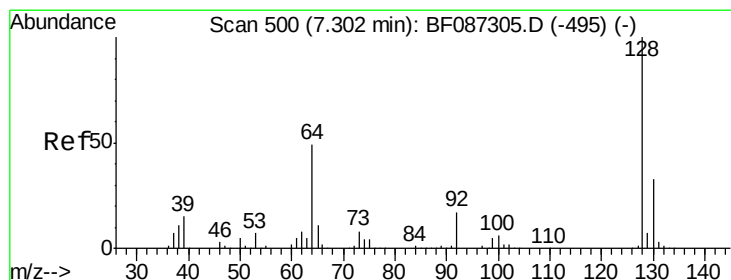
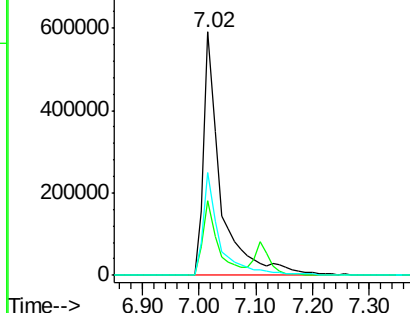
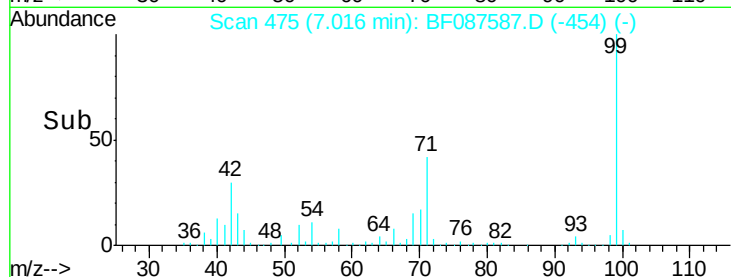
71 42.0 24.6 36.8#



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: 50.98 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

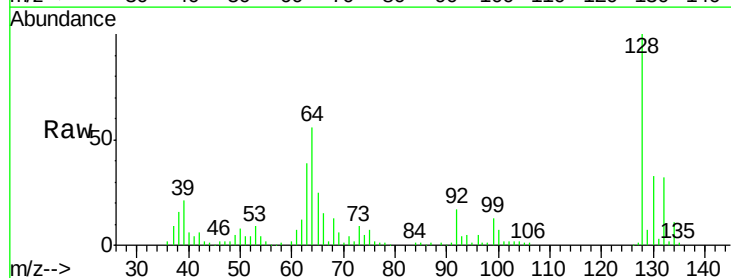
Tgt Ion: 128 Resp: 376802

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

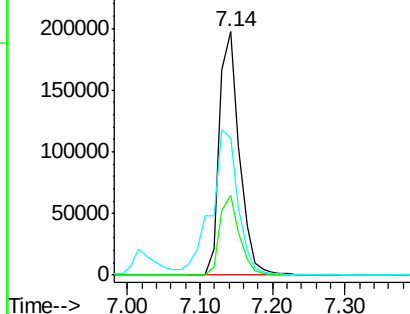
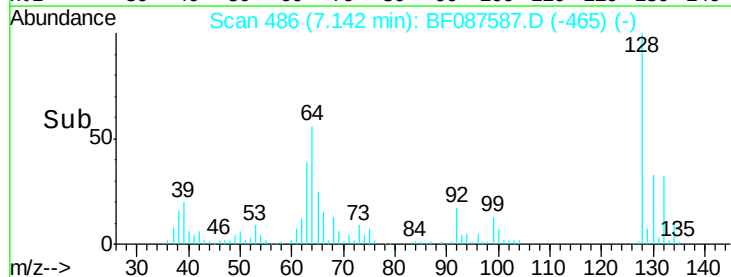
64 56.3 27.3 67.3

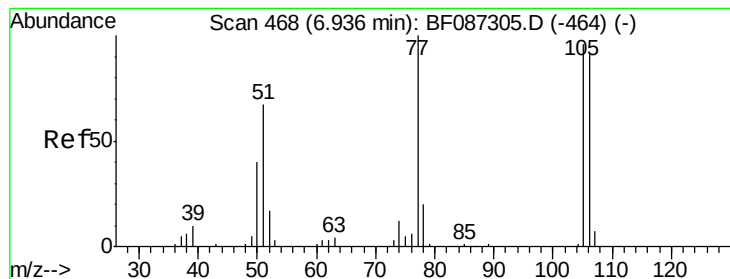


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.60 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

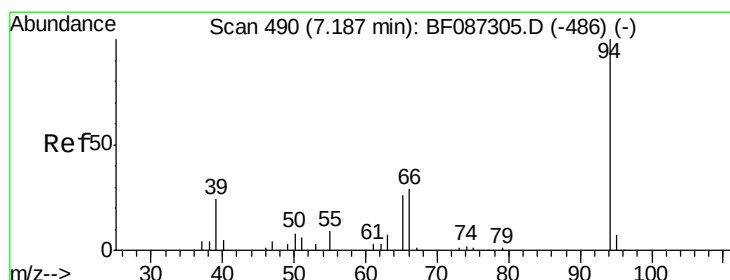
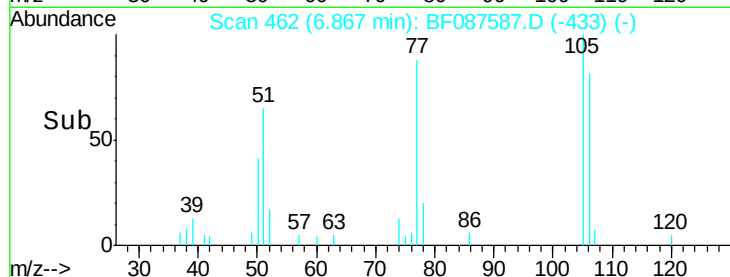
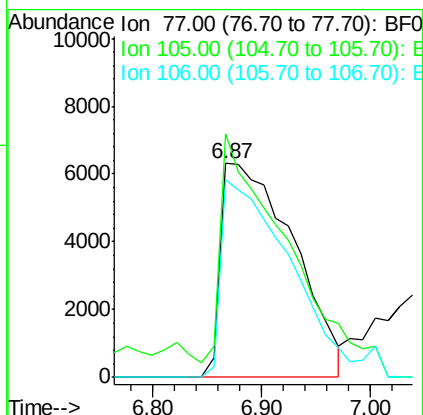
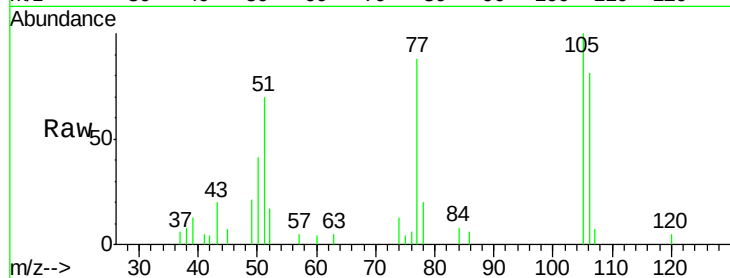
Tgt Ion: 77 Resp: 29173

Ion Ratio Lower Upper

77 100

105 113.8 72.7 112.7#

106 92.4 70.8 110.8



#10

Phenol

Concen: 51.27 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.05 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

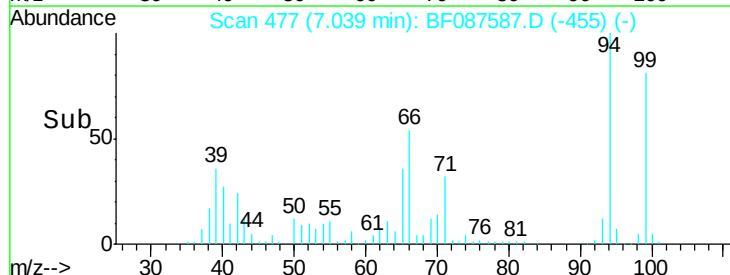
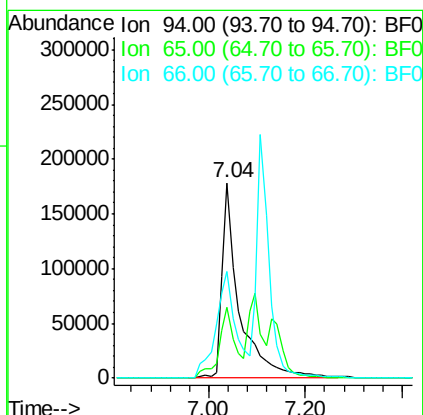
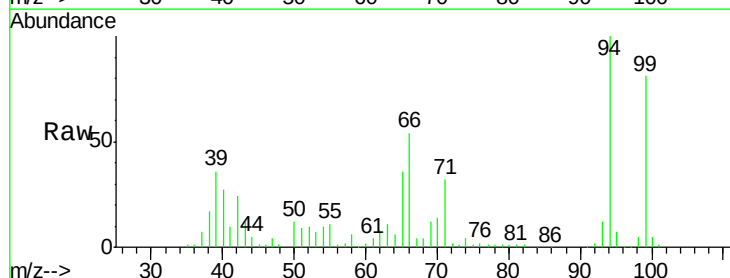
Tgt Ion: 94 Resp: 448383

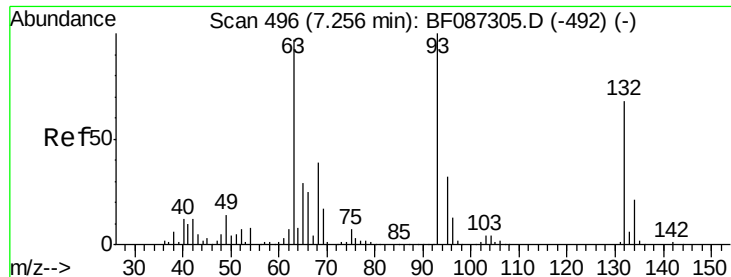
Ion Ratio Lower Upper

94 100

65 36.4 7.2 47.2

66 54.4 14.9 54.9

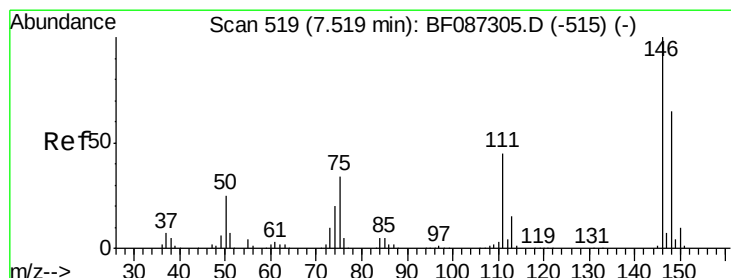
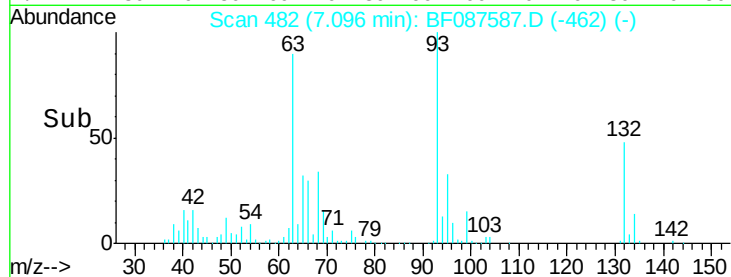
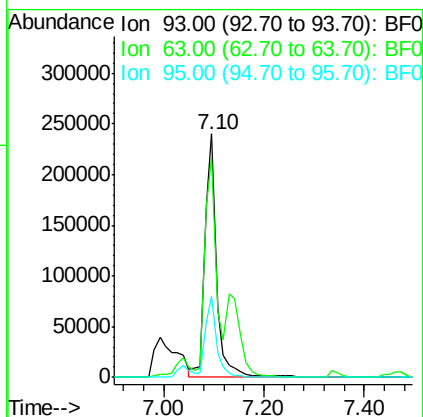
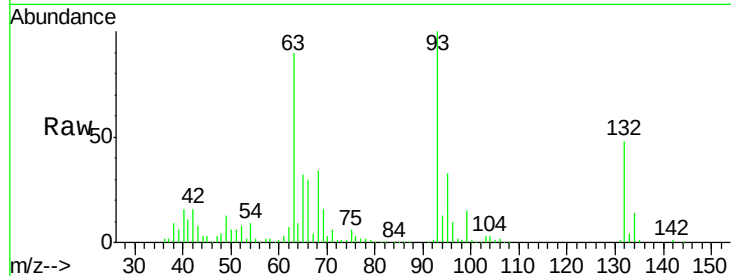




#11
bis(2-Chloroethyl)ether
Concen: 53.82 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.07 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

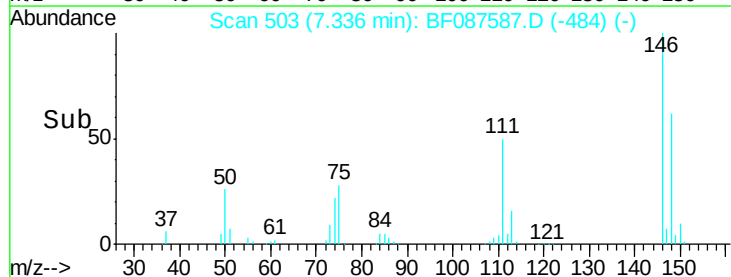
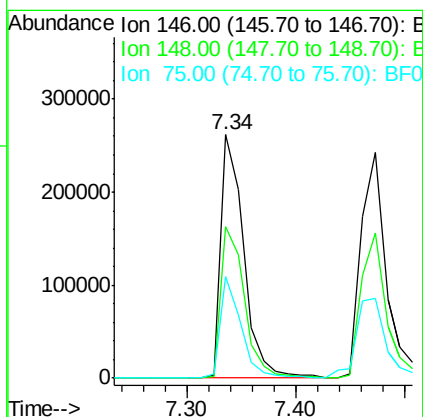
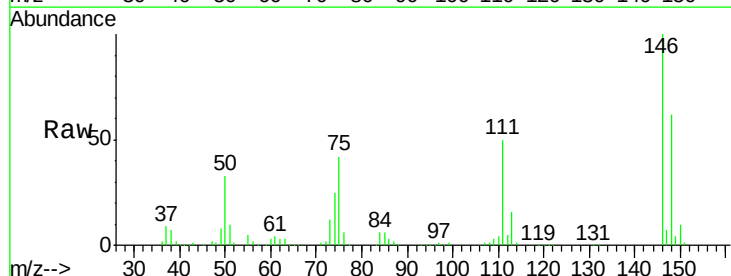
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

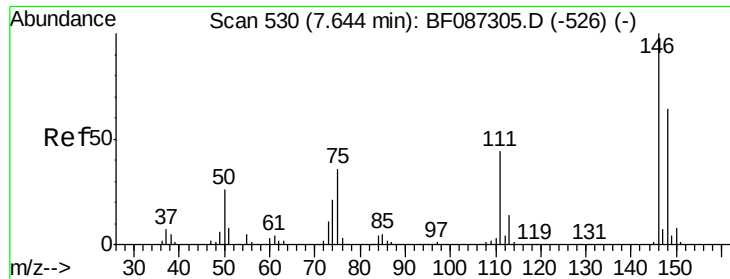
Tgt Ion: 93 Resp: 380945
Ion Ratio Lower Upper
93 100
63 90.2 58.0 98.0
95 33.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 47.64 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion: 146 Resp: 384023
Ion Ratio Lower Upper
146 100
148 62.5 52.4 78.6
75 41.5 22.8 34.2#

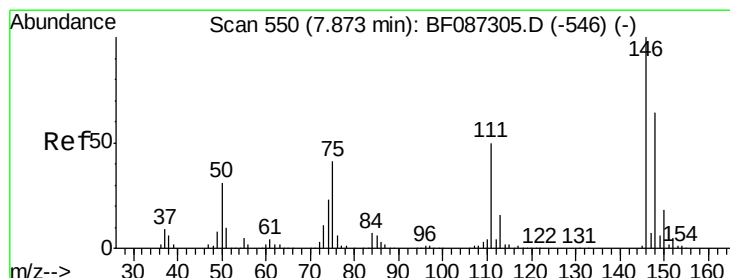
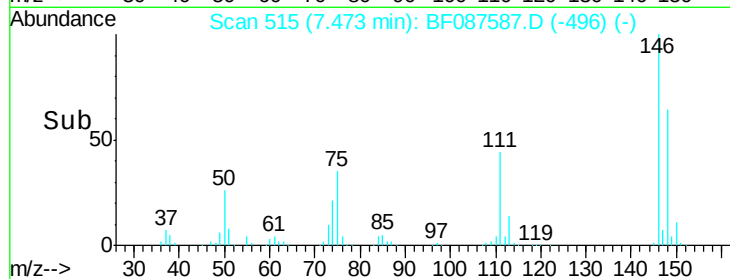
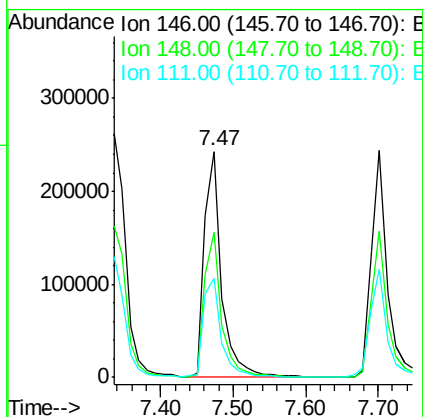
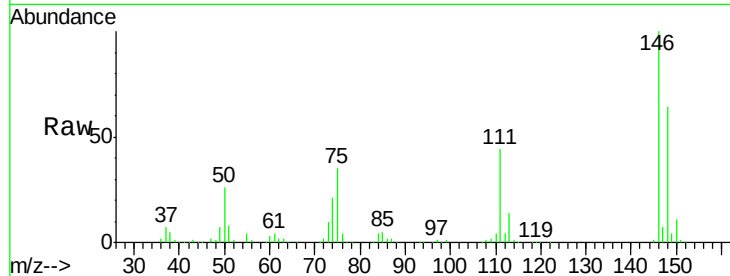




#13
 1,4-Dichlorobenzene
 Concen: 48.43 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

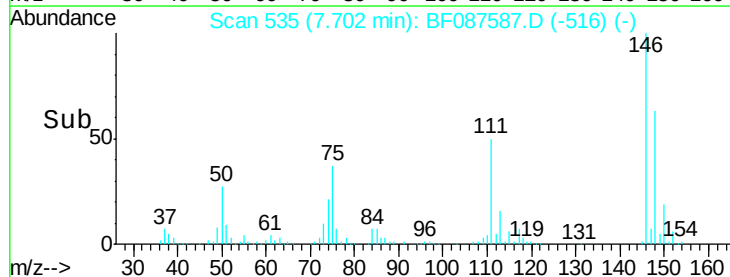
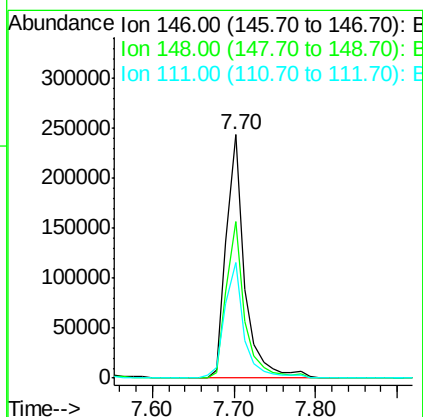
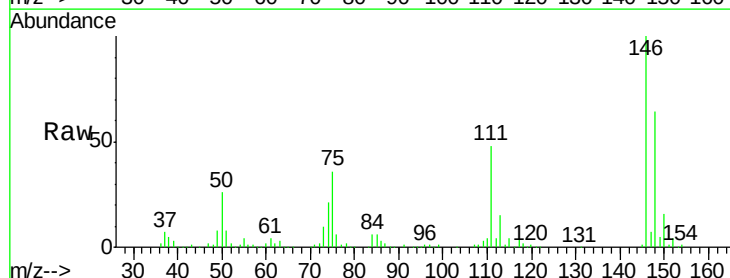
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

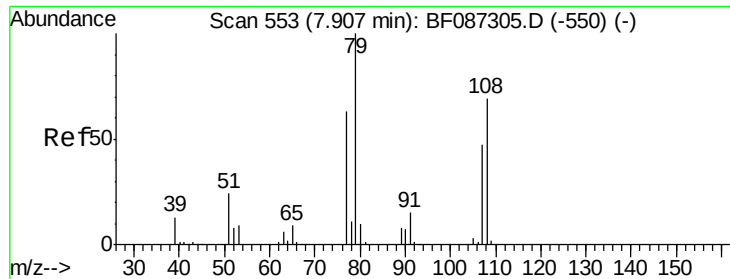
Tgt Ion:146 Resp: 400825
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 44.0 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 49.75 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion:146 Resp: 380820
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 47.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 62.09 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

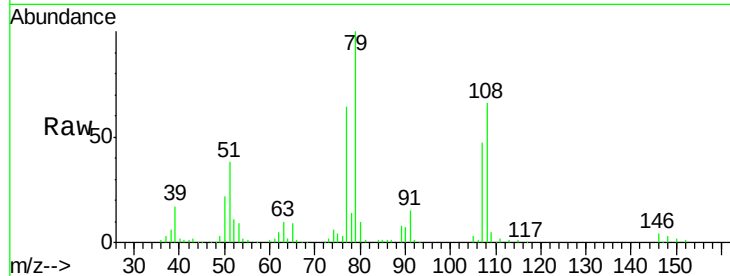
Tgt Ion: 79 Resp: 362552

Ion Ratio Lower Upper

79 100

108 65.6 68.4 102.6#

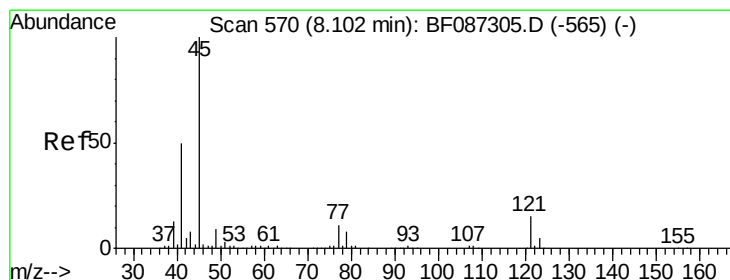
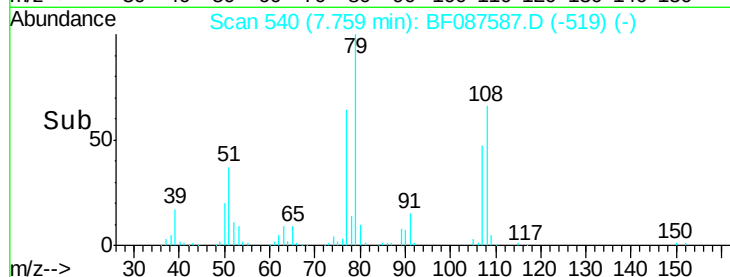
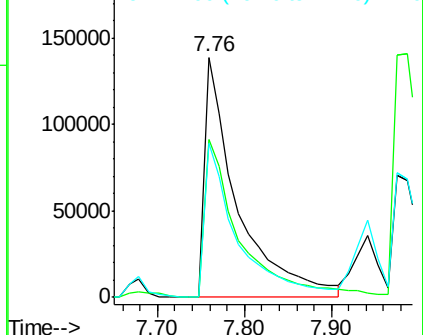
77 64.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.27 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

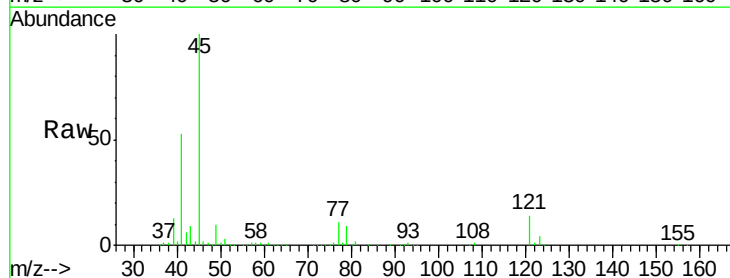
Tgt Ion: 45 Resp: 720960

Ion Ratio Lower Upper

45 100

77 10.9 0.0 36.4

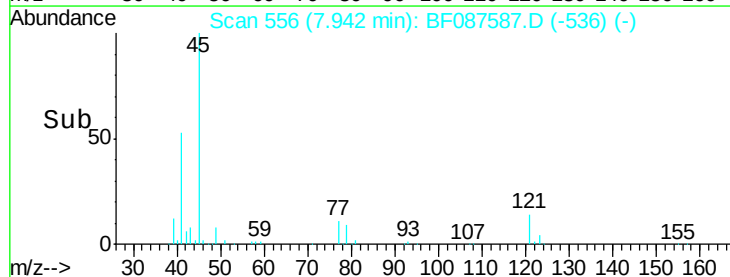
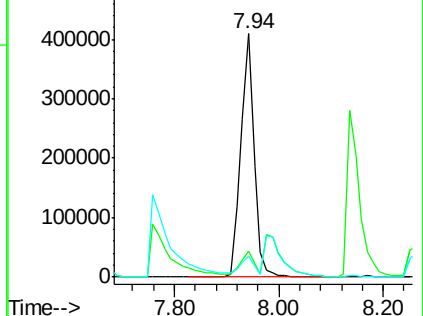
79 8.7 0.0 33.4

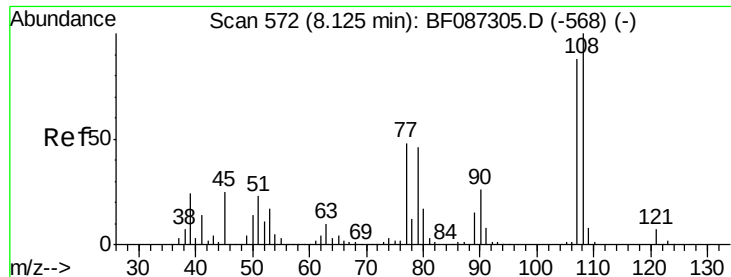


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

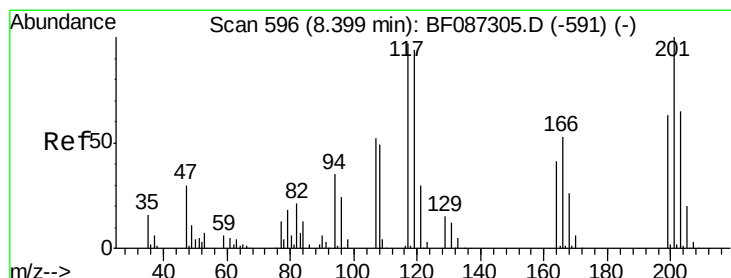
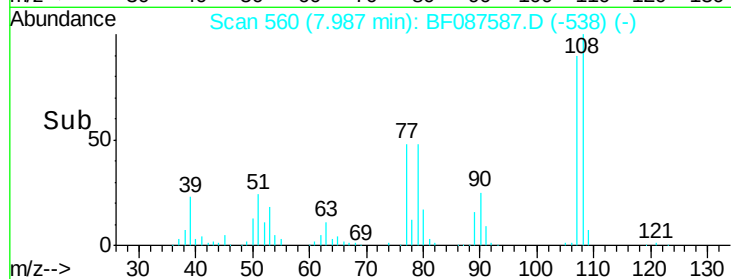
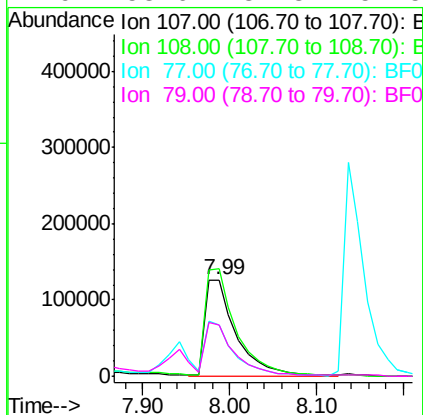
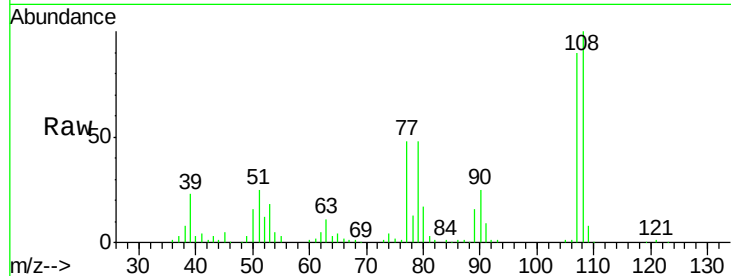




#17
2-Methylphenol
Concen: 53.32 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

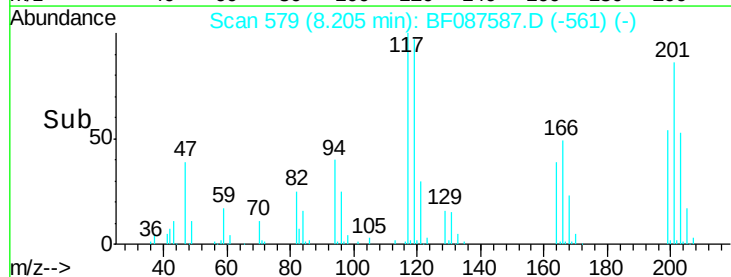
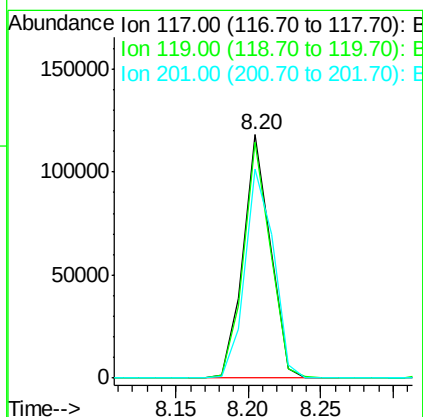
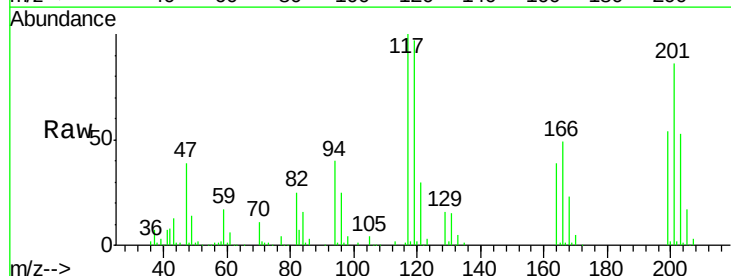
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

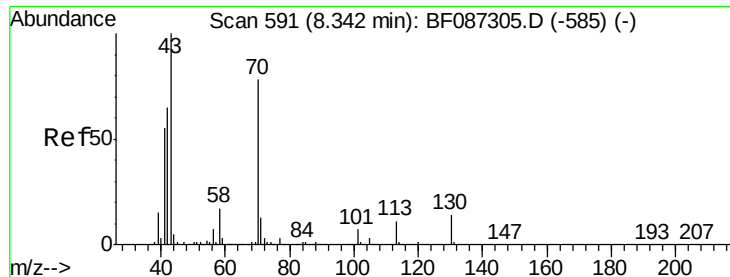
Tgt Ion:107 Resp: 315814
Ion Ratio Lower Upper
107 100
108 111.3 93.7 140.5
77 53.8 33.4 50.0#
79 53.6 34.3 51.5#



#18
Hexachloroethane
Concen: 49.79 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.09 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:117 Resp: 153731
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
201 86.0 63.0 94.6

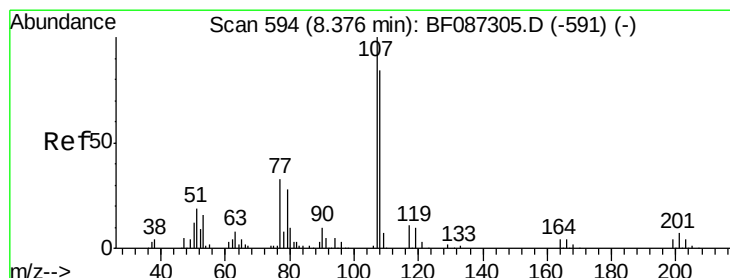
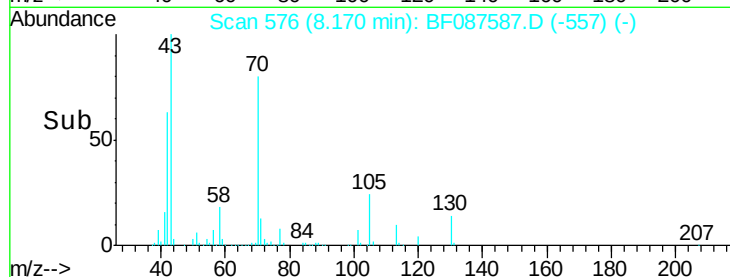
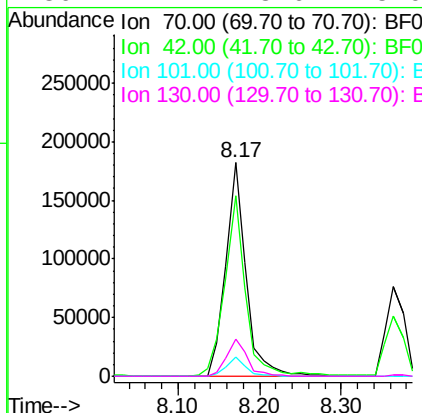
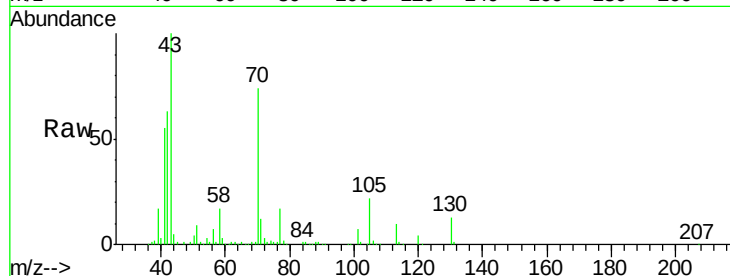




#19
n-Nitroso-di-n-propylamine
Concen: 52.59 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

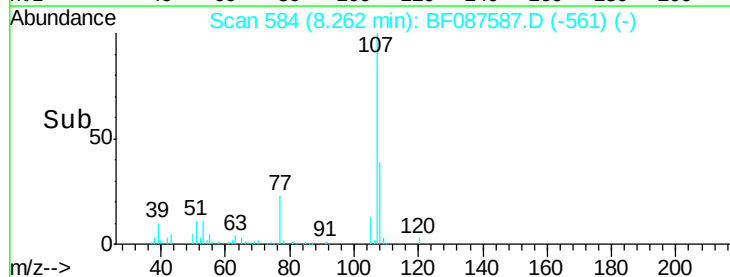
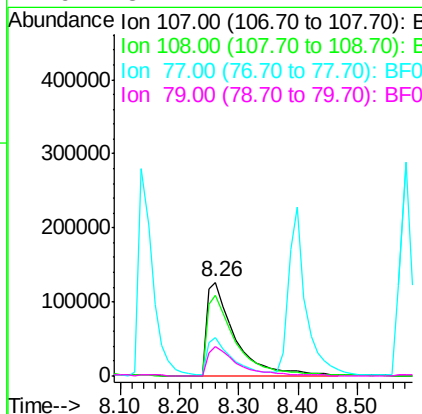
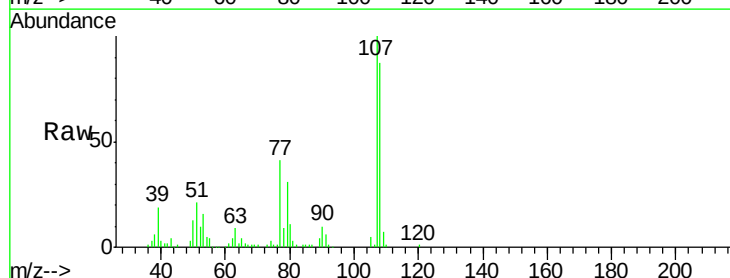
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

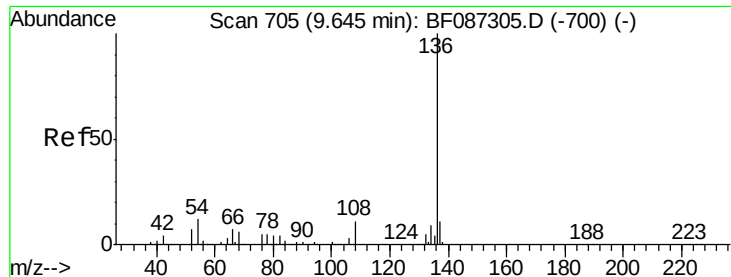
Tgt Ion: 70 Resp: 314091
Ion Ratio Lower Upper
70 100
42 84.8 43.1 64.7#
101 8.8 8.1 12.1
130 17.4 18.6 28.0#



#20
3+4-Methylphenols
Concen: 57.17 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion: 107 Resp: 409345
Ion Ratio Lower Upper
107 100
108 86.5 68.5 108.5
77 41.0 101.6 141.6#
79 31.1 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

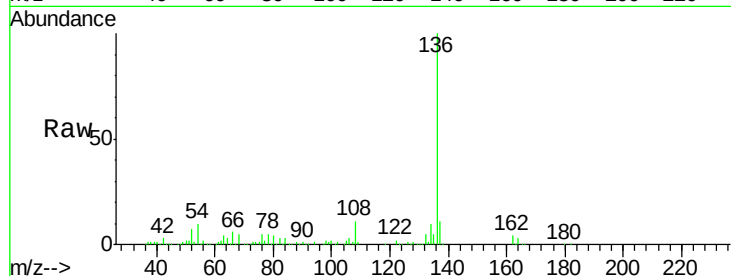
Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tgt Ion:	136	Resp:	421831
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	5.0	7.4#
68	5.1	4.4	6.6

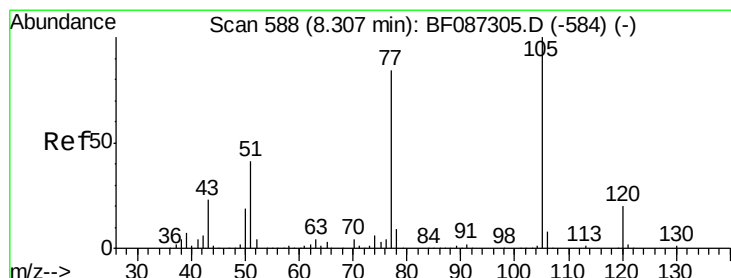
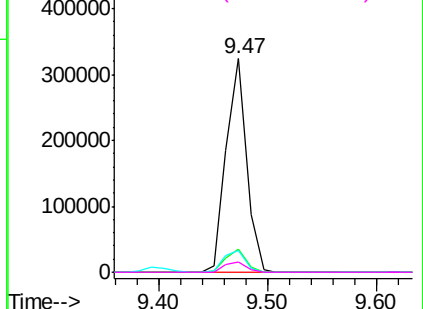
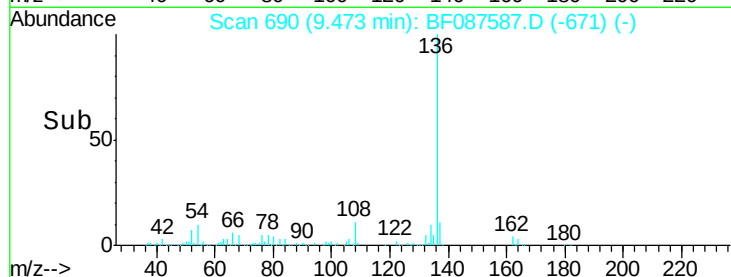


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.99 ng

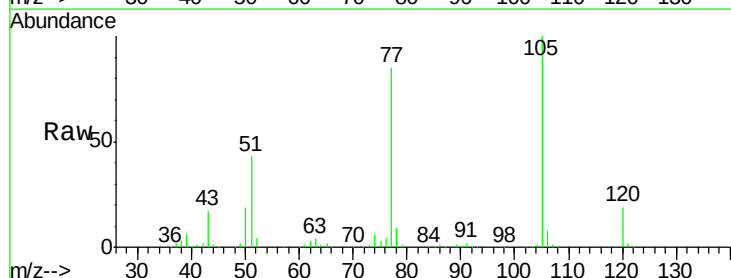
RT: 8.14 min Scan# 573

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	105	Resp:	554146
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.8	7.2#
51	42.8	32.6	49.0
120	19.4	16.5	24.7

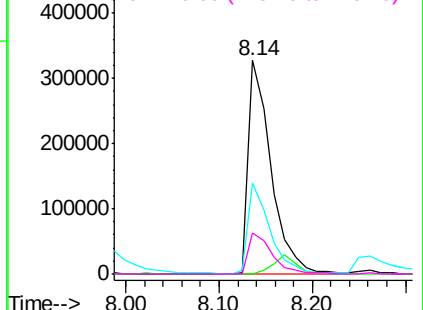
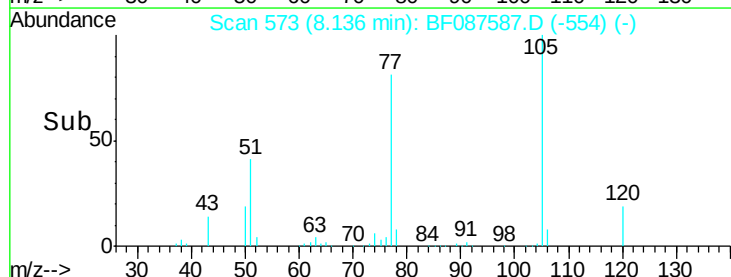


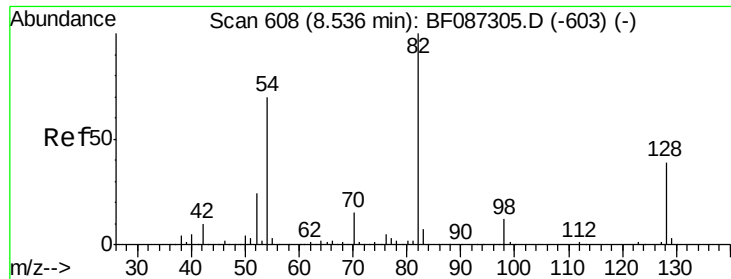
Abundance Ion 105.00 (104.70 to 105.70): E

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

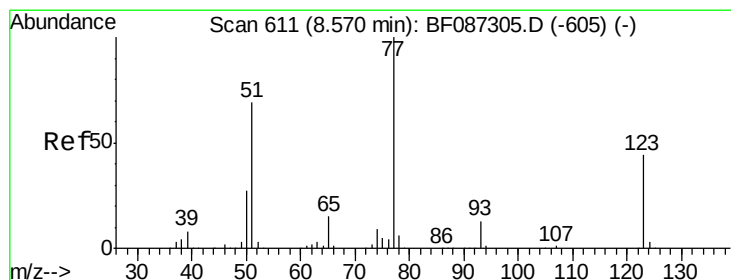
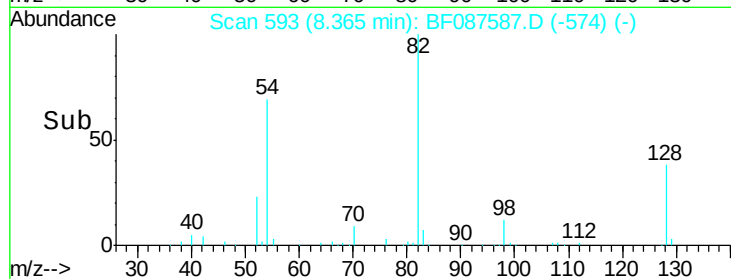
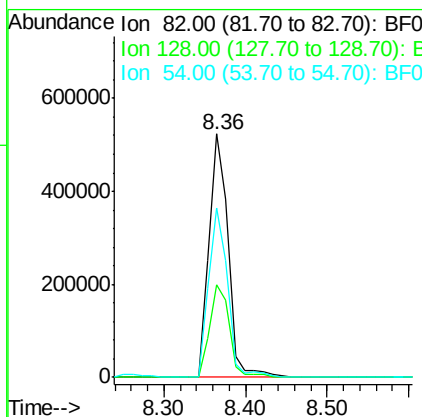
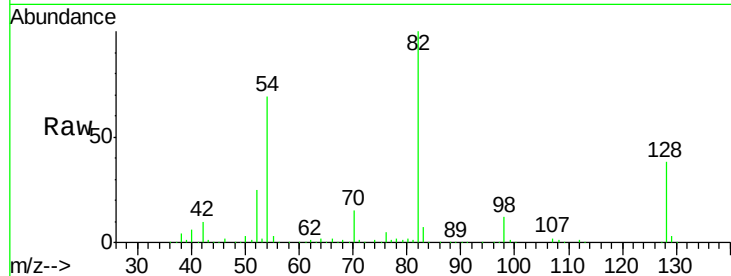




#23
 Nitrobenzene-d5
 Concen: 103.33 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

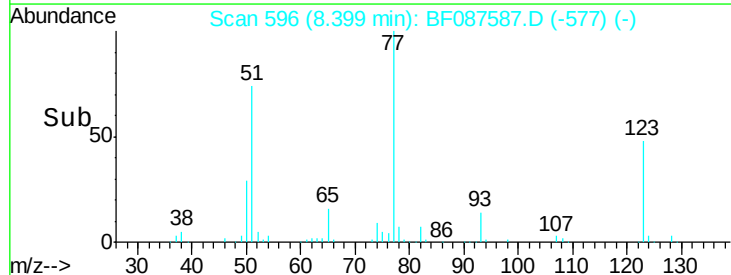
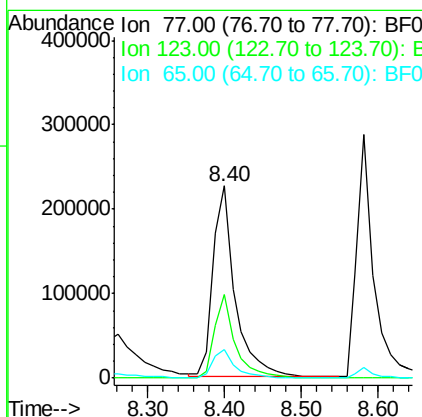
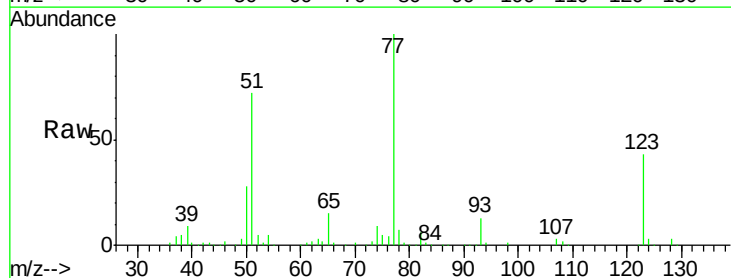
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

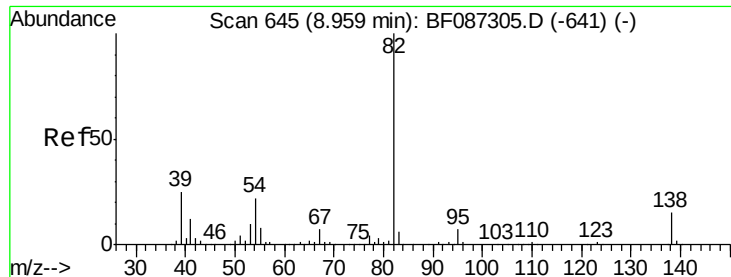
Tgt Ion: 82 Resp: 864885
 Ion Ratio Lower Upper
 82 100
 128 38.0 40.6 61.0#
 54 69.4 38.1 57.1#



#24
 Nitrobenzene
 Concen: 51.36 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion: 77 Resp: 453731
 Ion Ratio Lower Upper
 77 100
 123 43.2 33.0 49.4
 65 14.8 10.8 16.2





#25

Isophorone

Concen: 51.66 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.09 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

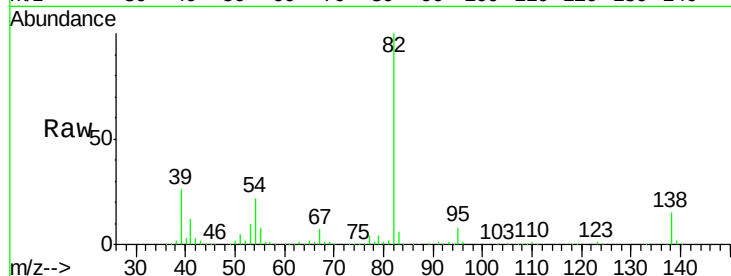
Tgt Ion: 82 Resp: 775509

Ion Ratio Lower Upper

82 100

95 7.6 5.1 7.7

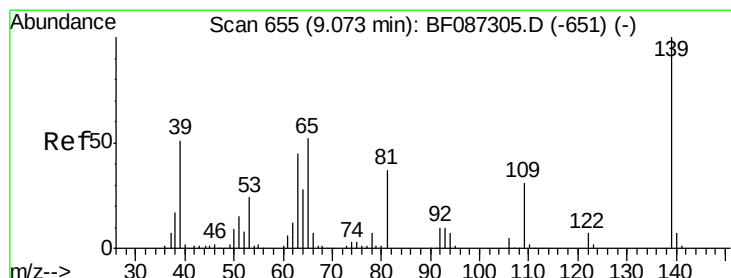
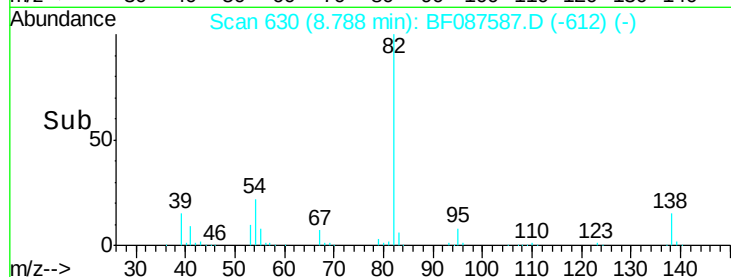
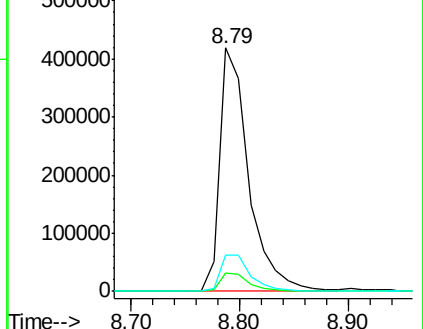
138 14.7 12.4 18.6



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: 54.36 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

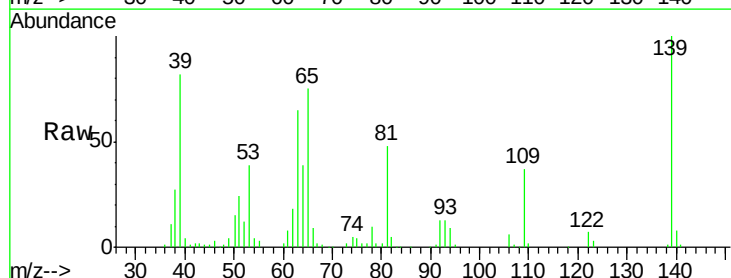
Tgt Ion: 139 Resp: 196314

Ion Ratio Lower Upper

139 100

109 36.8 19.5 29.3#

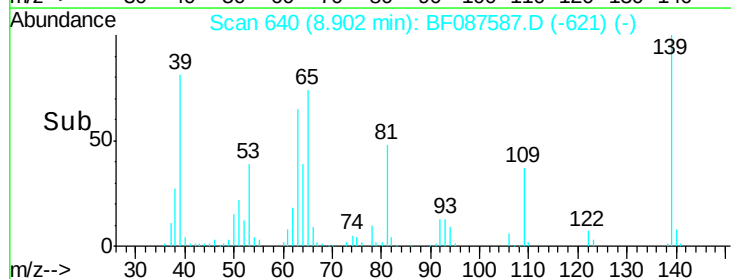
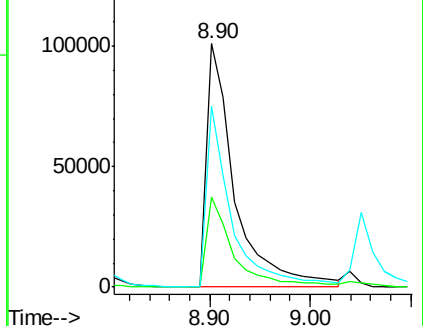
65 74.5 37.5 56.3#

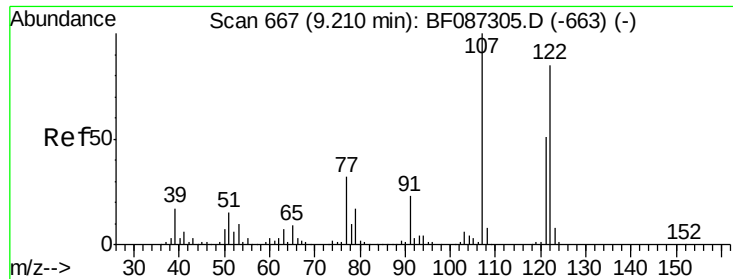


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

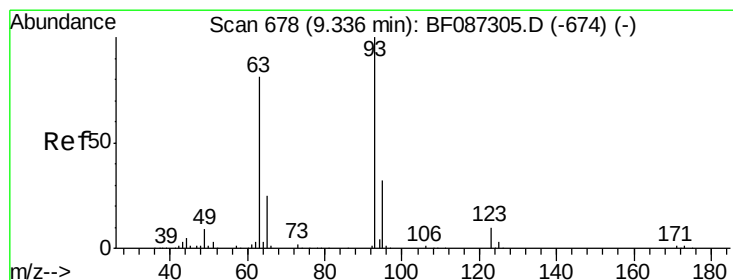
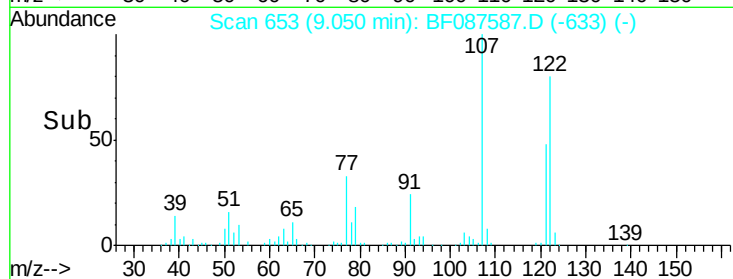
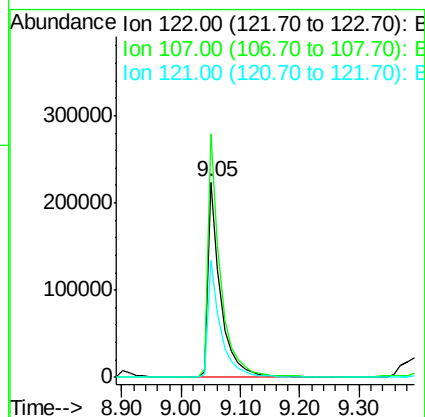
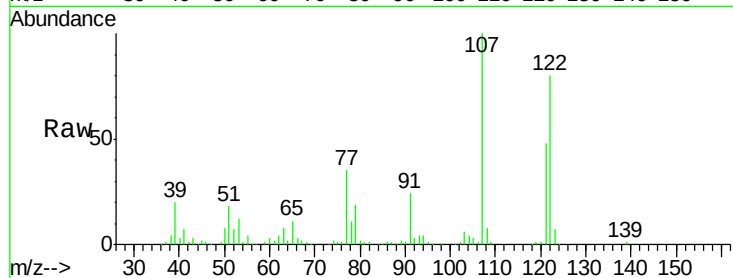




#27
 2,4-Dimethylphenol
 Concen: 53.01 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.07 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

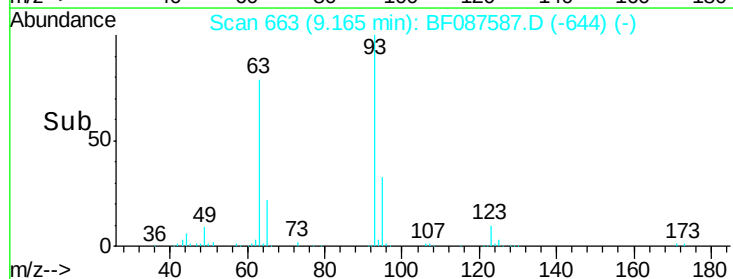
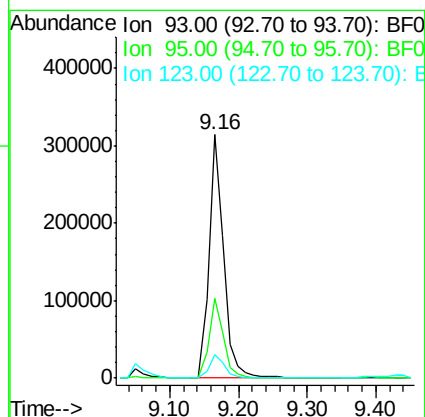
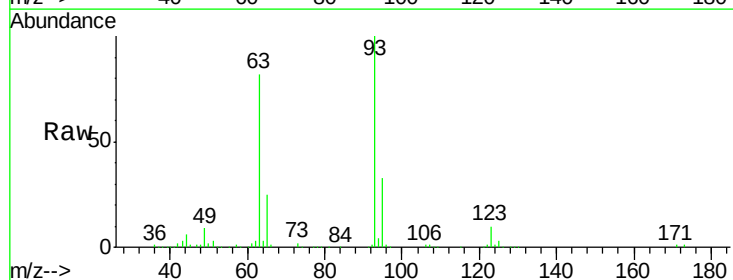
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

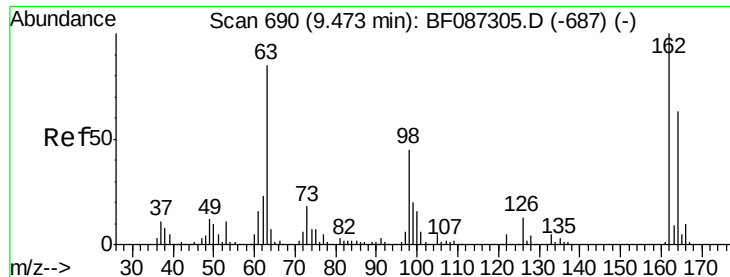
Tgt Ion:122 Resp: 332305
 Ion Ratio Lower Upper
 122 100
 107 124.7 82.0 123.0#
 121 59.5 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.30 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion: 93 Resp: 467600
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 9.7 9.5 14.3

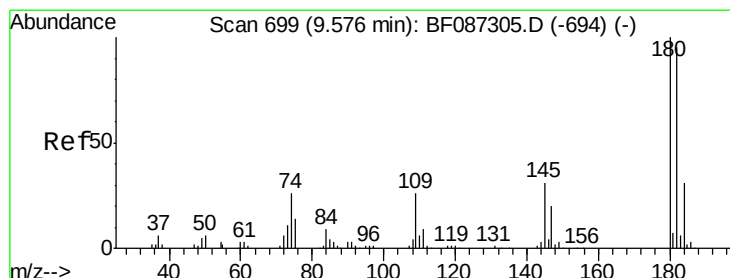
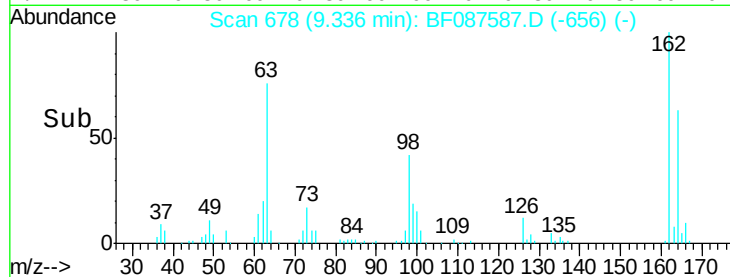
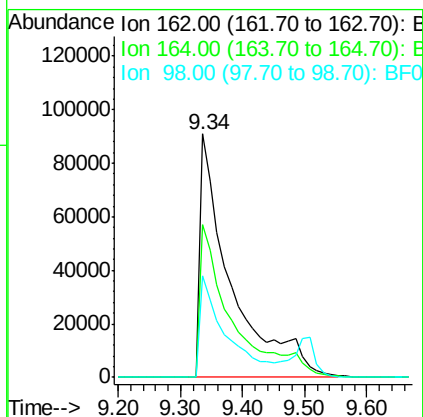
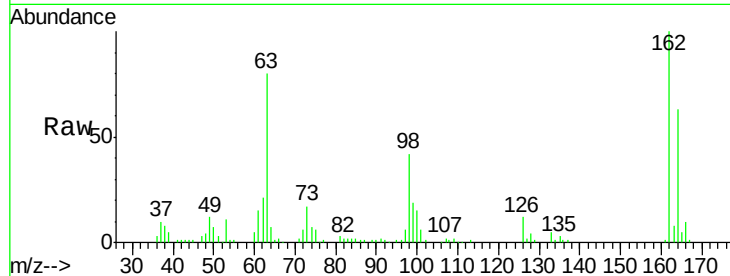




#29
 2,4-Dichlorophenol
 Concen: 55.87 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

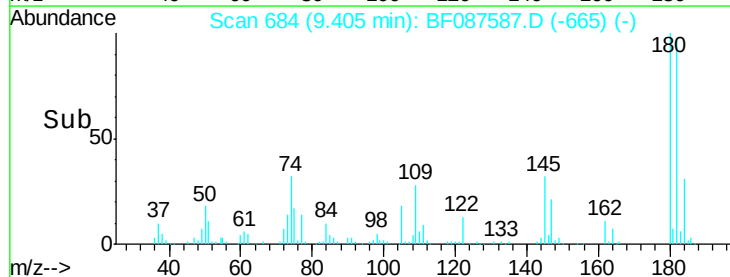
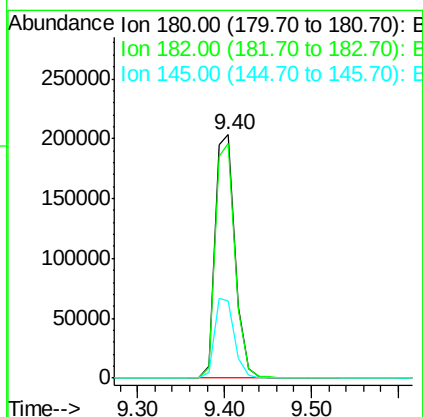
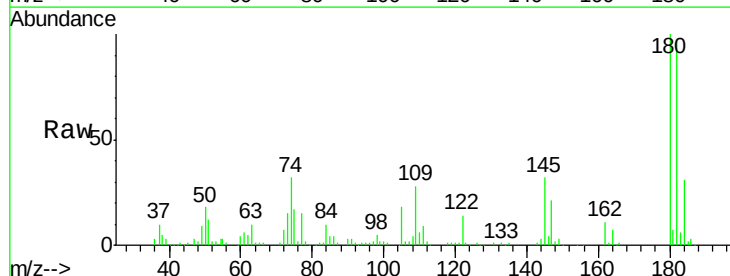
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

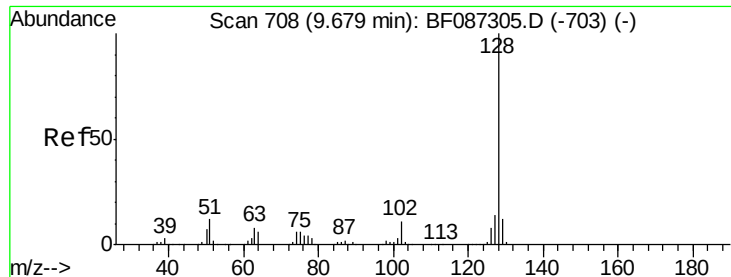
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.2	82.2
98	41.9	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 50.96 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	31.5	24.2	36.2

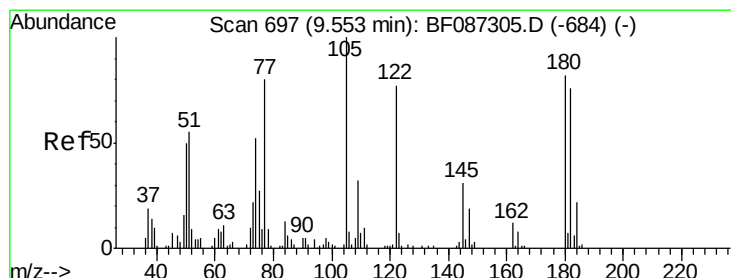
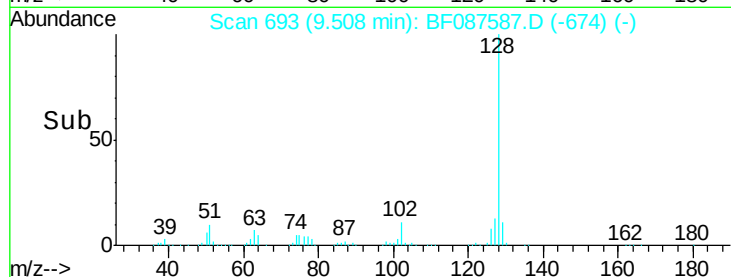
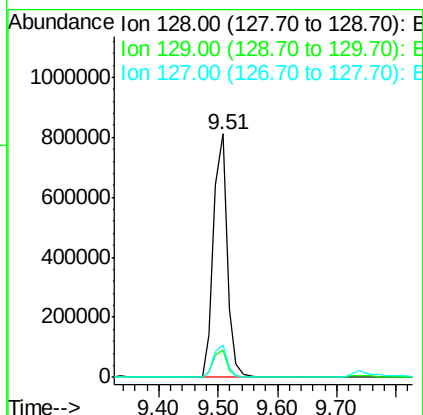
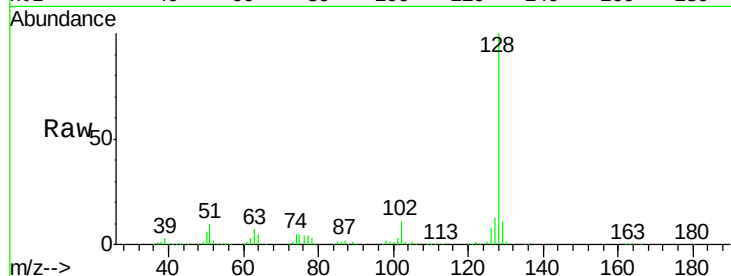




#31
Naphthalene
Concen: 61.62 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

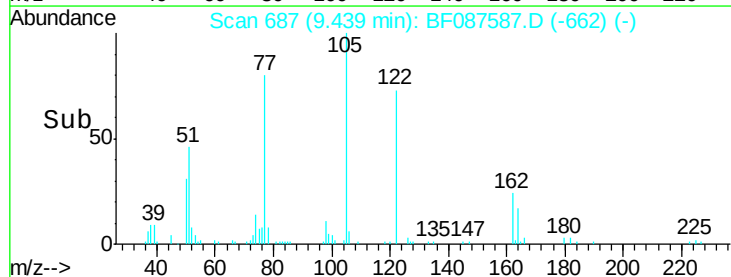
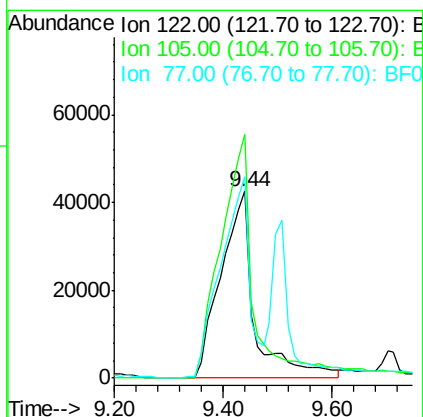
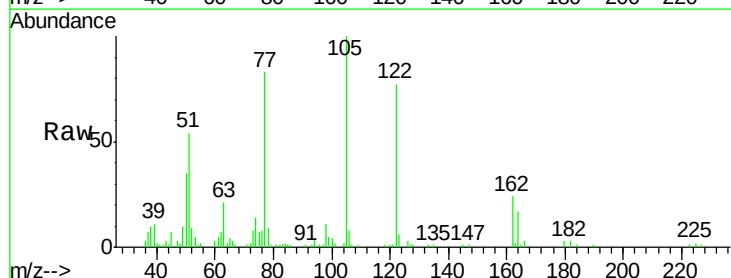
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

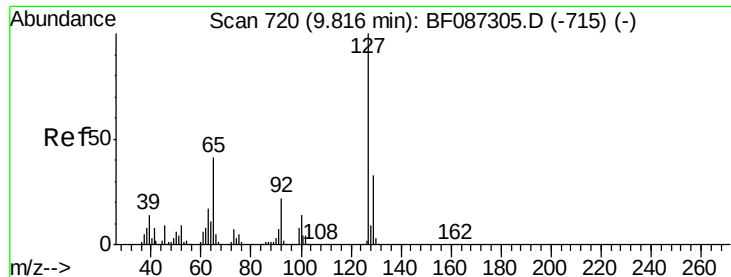
Tgt Ion:128 Resp: 1302475
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 55.52 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:122 Resp: 182599
Ion Ratio Lower Upper
122 100
105 130.1 92.6 132.6
77 107.6 60.0 100.0#

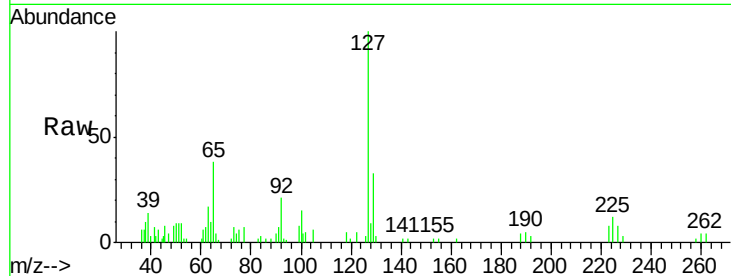




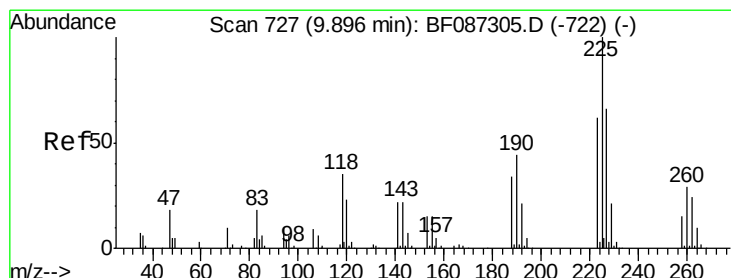
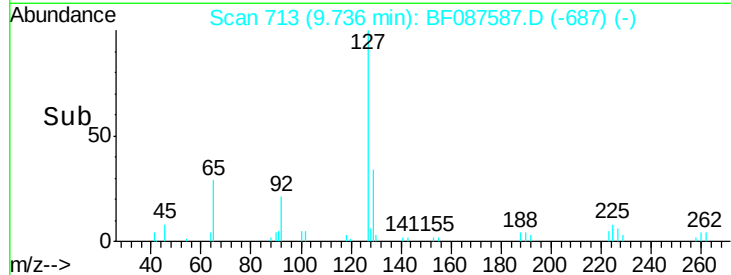
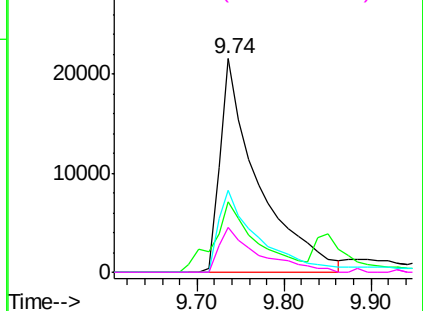
#33
4-Chloroaniline
Concen: 8.48 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tgt Ion:	127	Resp:	66028
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	38.2	23.0	34.4
92	20.8	15.1	22.7

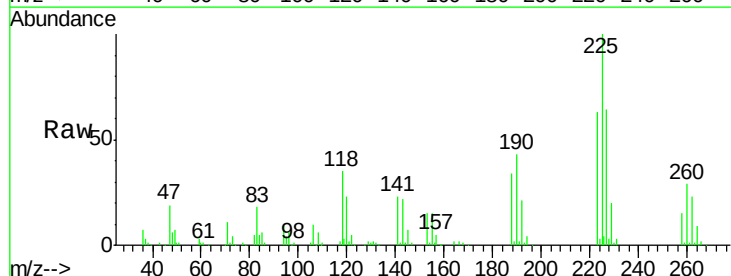


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

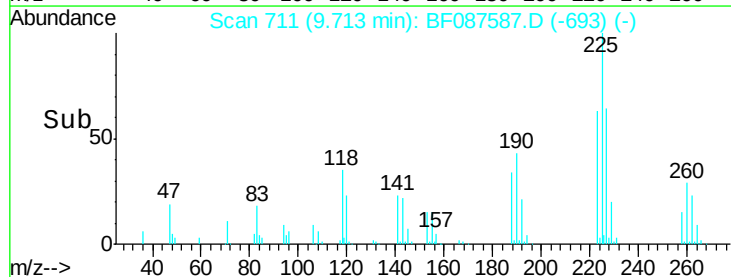
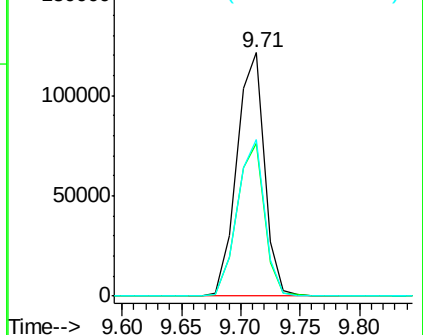


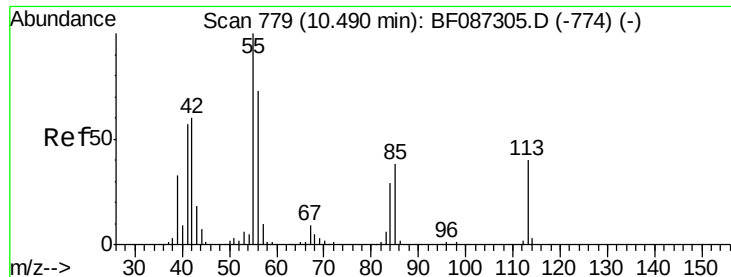
#34
Hexachlorobutadiene
Concen: 50.18 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.09 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:	225	Resp:	197287
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.5	77.3
227	64.4	52.2	78.2



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





#35

Caprolactam

Concen: 29.16 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

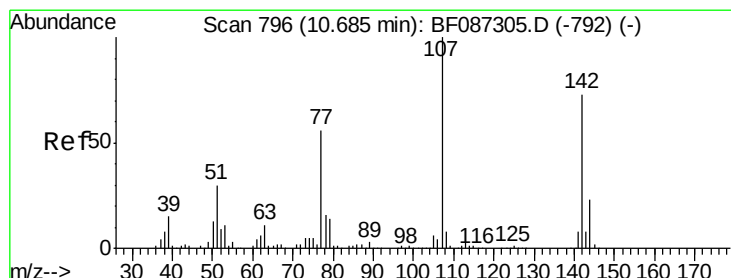
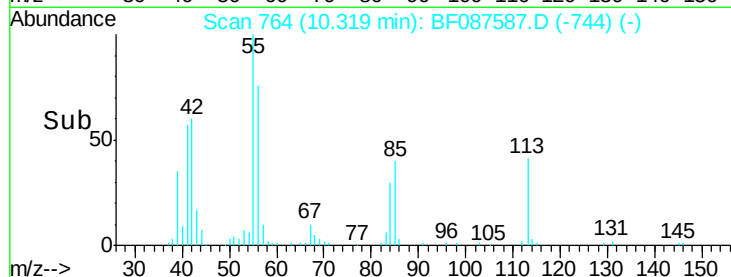
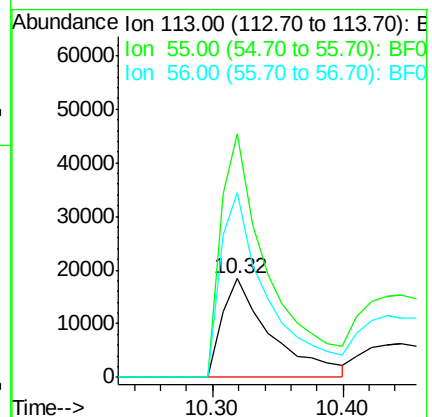
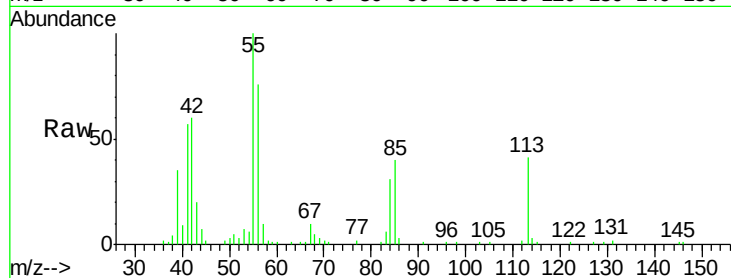
Tgt Ion:113 Resp: 48082

Ion Ratio Lower Upper

113 100

55 246.4 162.0 202.0#

56 186.6 115.3 155.3#



#36

4-Chloro-3-methylphenol

Concen: 55.21 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.05 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

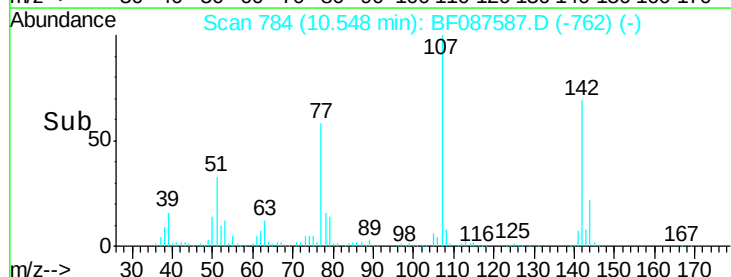
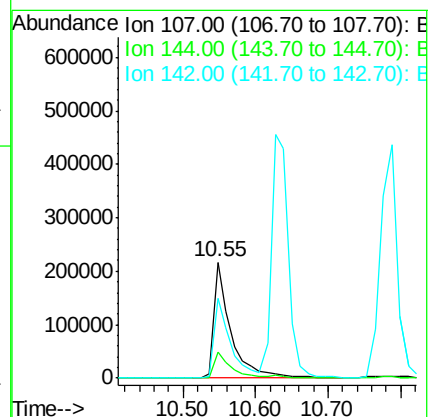
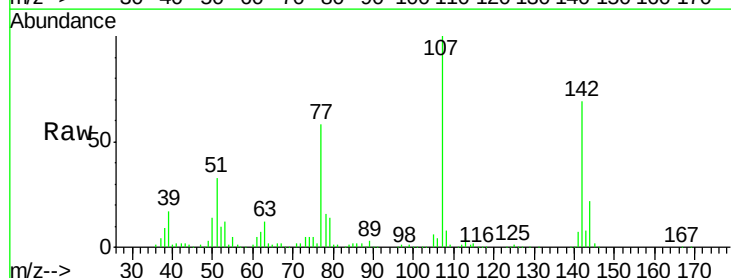
Tgt Ion:107 Resp: 352648

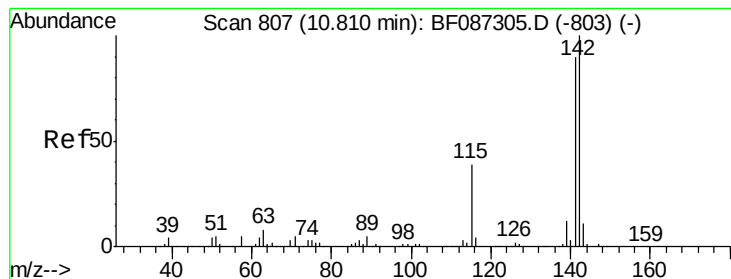
Ion Ratio Lower Upper

107 100

144 22.3 20.7 31.1

142 69.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 56.54 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.09 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

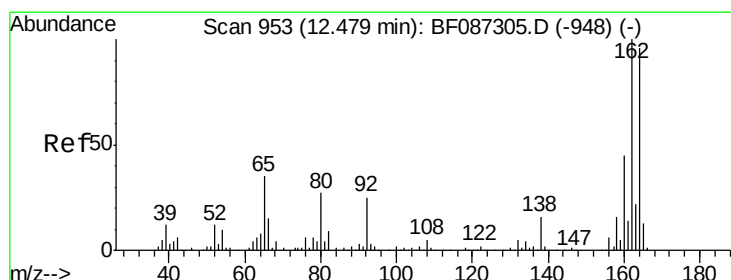
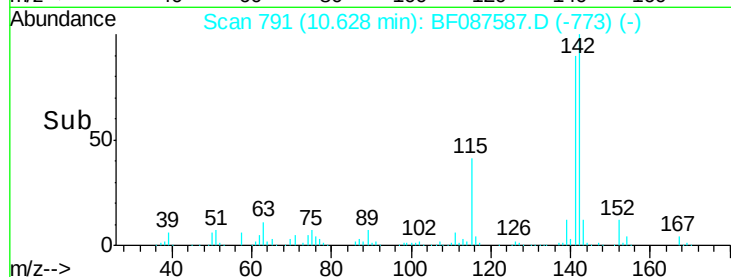
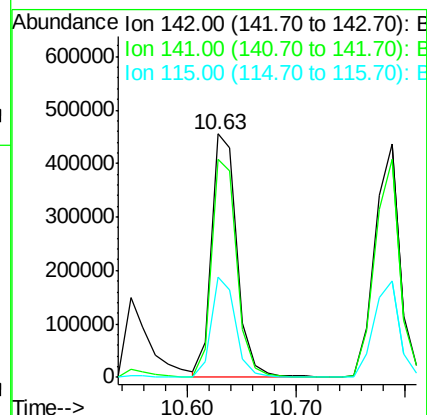
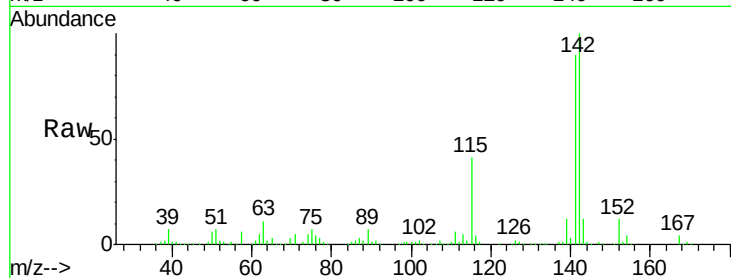
Tgt Ion:142 Resp: 746660

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

115 41.4 26.6 39.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

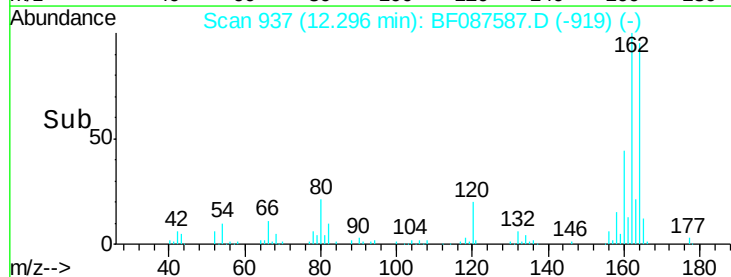
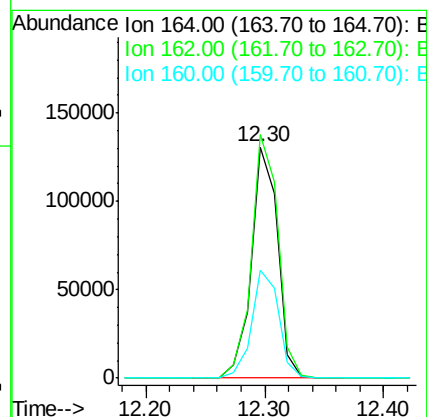
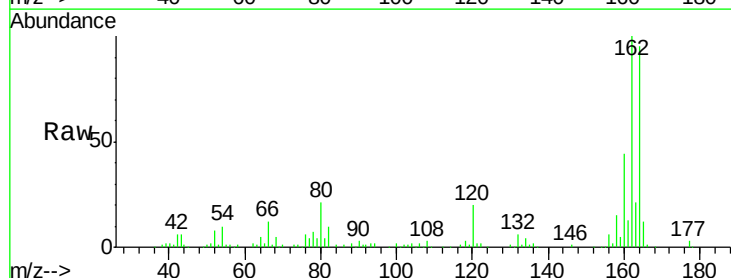
Tgt Ion:164 Resp: 201762

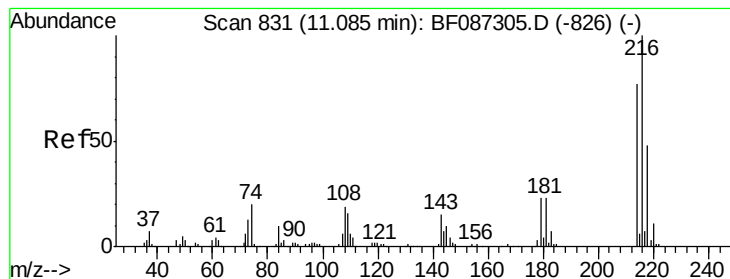
Ion Ratio Lower Upper

164 100

162 105.4 82.8 124.2

160 46.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.34 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tgt Ion:216 Resp: 318636

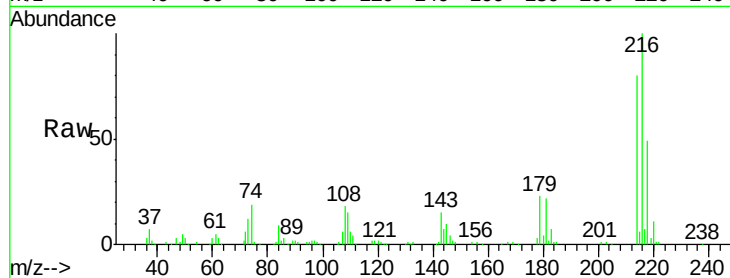
Ion Ratio Lower Upper

216 100

214 79.7 62.6 93.8

179 24.1 18.2 27.4

108 24.2 17.5 26.3

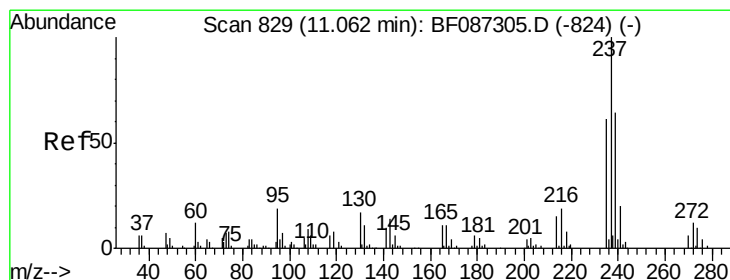
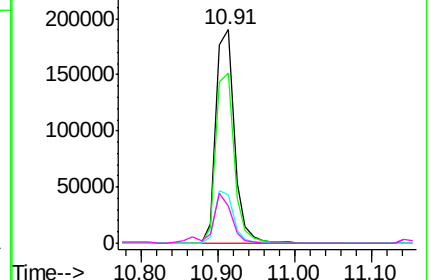
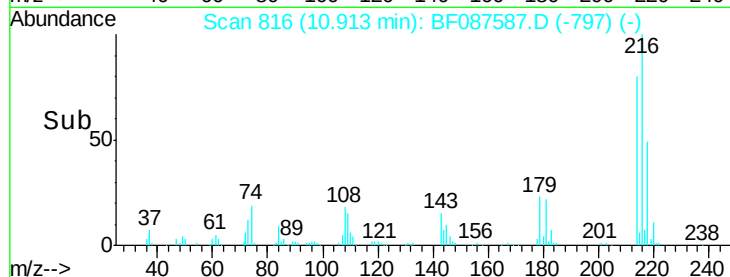


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.68 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.09 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

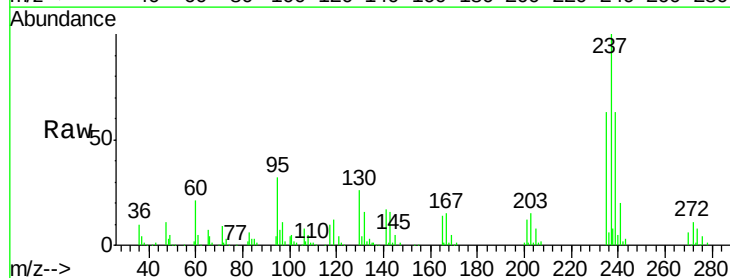
Tgt Ion:237 Resp: 178508

Ion Ratio Lower Upper

237 100

235 62.8 47.2 87.2

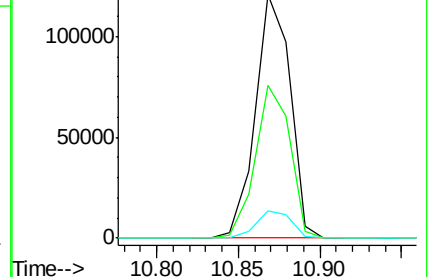
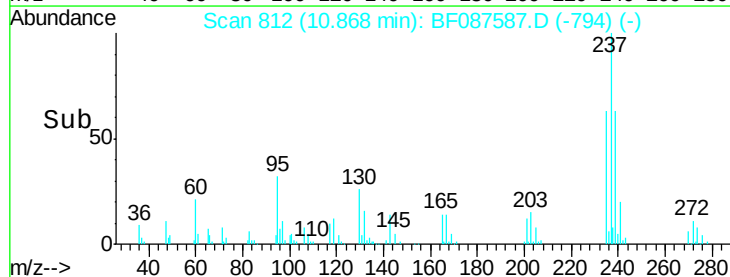
272 11.0 0.0 31.1

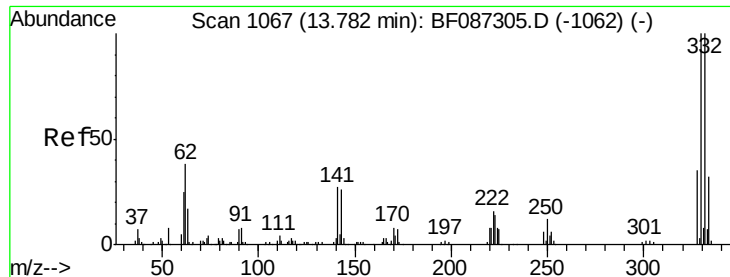


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 162.83 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

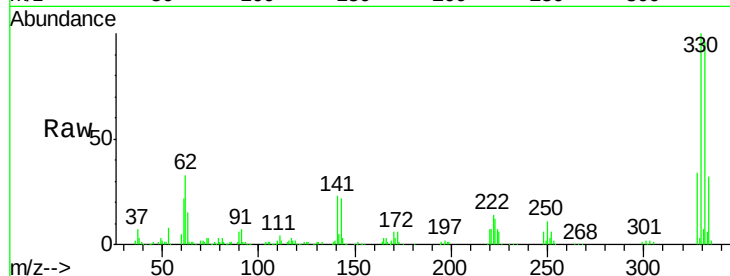
Tgt Ion:330 Resp: 315699

Ion Ratio Lower Upper

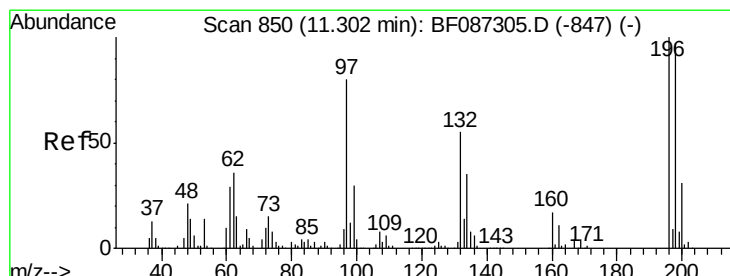
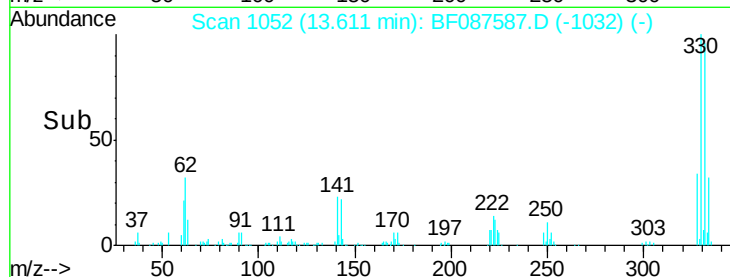
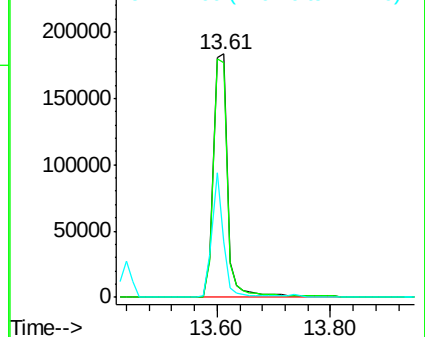
330 100

332 97.5 79.0 118.4

141 41.0 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: 54.31 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

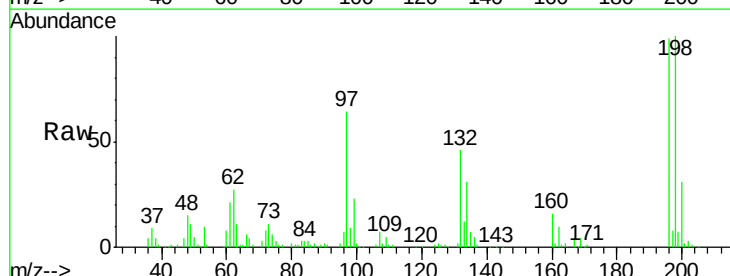
Tgt Ion:196 Resp: 202452

Ion Ratio Lower Upper

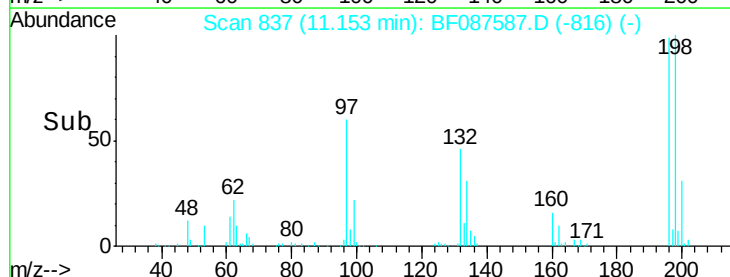
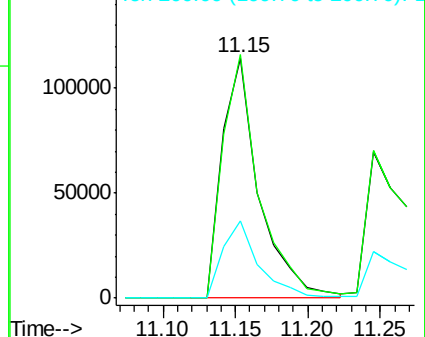
196 100

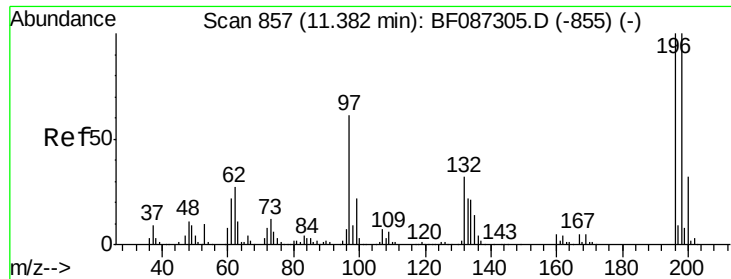
198 101.4 74.7 112.1

200 31.9 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

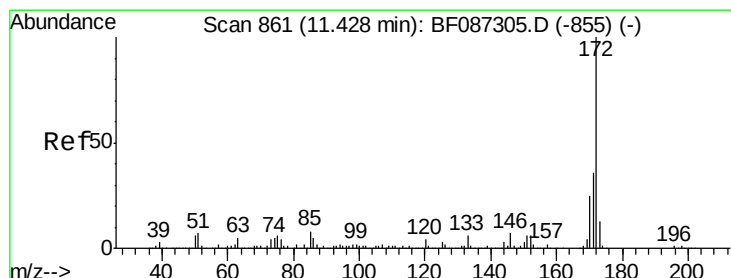
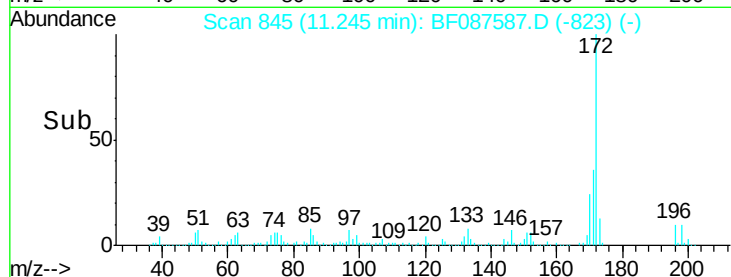
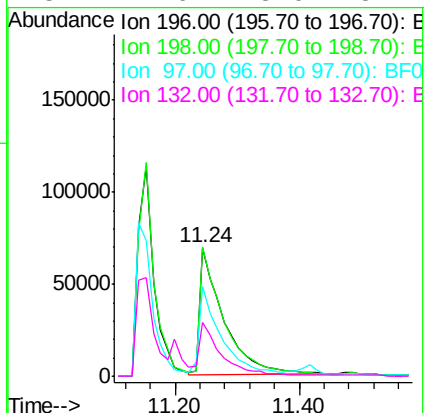
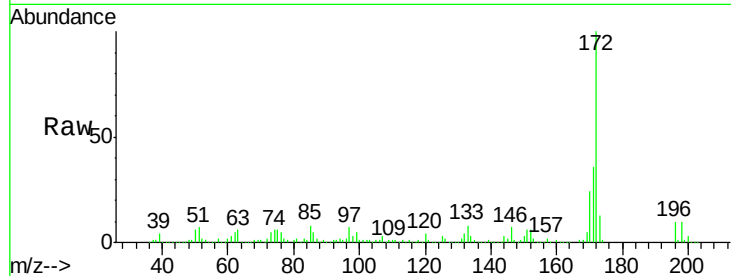




#43
 2,4,5-Trichlorophenol
 Concen: 48.77 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

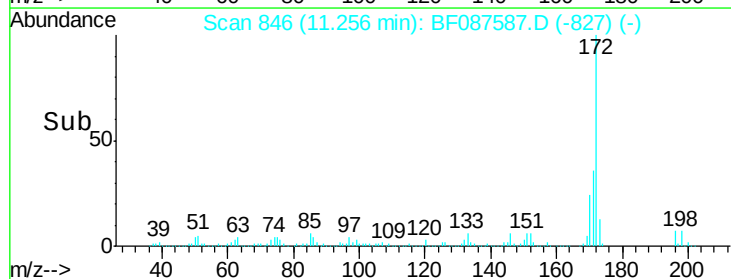
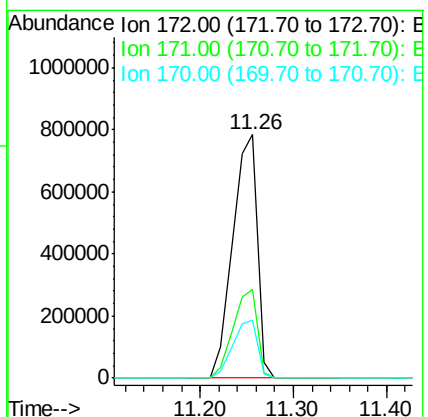
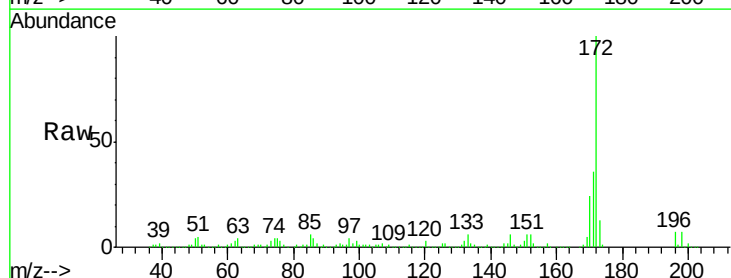
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

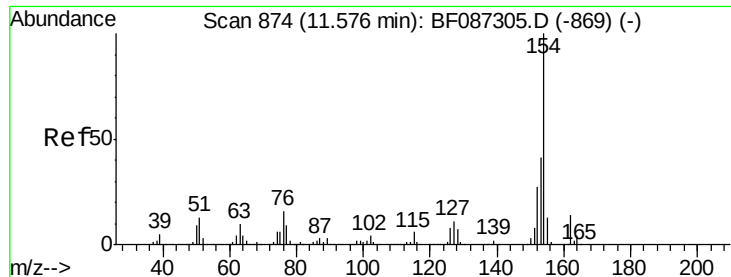
Tgt Ion	Resp	Lower	Upper
196	185138		
196	100		
198	101.0	77.5	116.3
97	69.8	34.8	52.2
132	41.6	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 100.23 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion	Resp	Lower	Upper
172	1434410		
172	100		
171	36.4	29.0	43.6
170	23.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 54.06 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

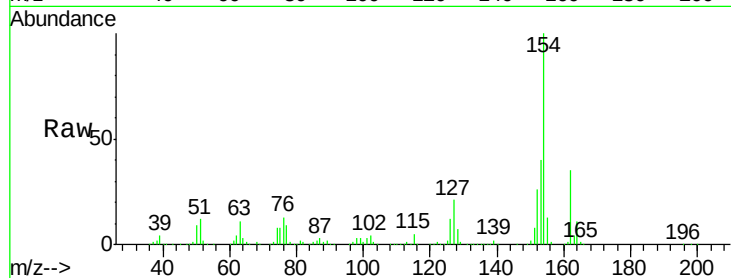
Tgt Ion:154 Resp: 918282

Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

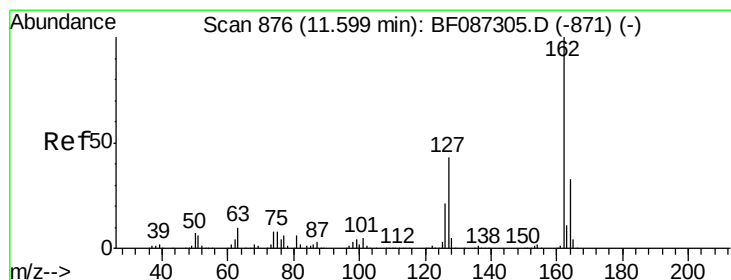
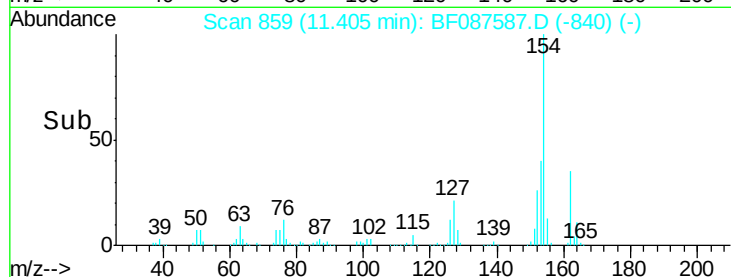
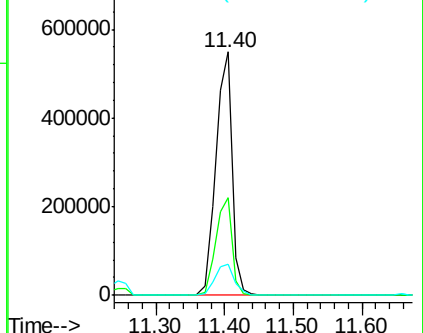
76 12.7 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.26 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

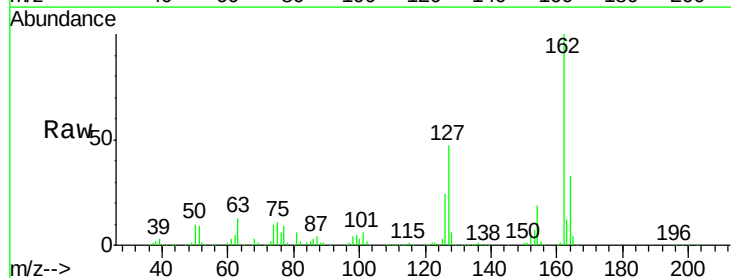
Tgt Ion:162 Resp: 666146

Ion Ratio Lower Upper

162 100

127 47.3 31.8 47.6

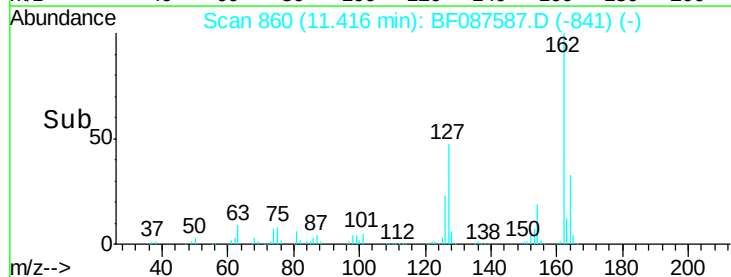
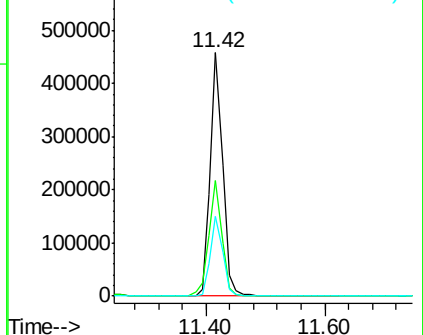
164 32.8 27.0 40.6

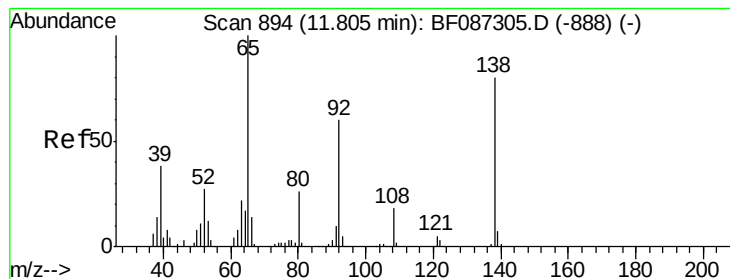


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 57.68 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

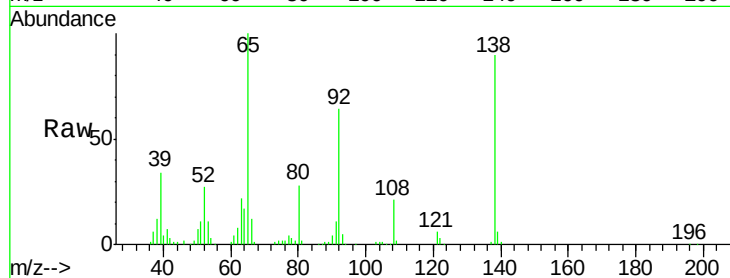
Tgt Ion: 65 Resp: 270078

Ion Ratio Lower Upper

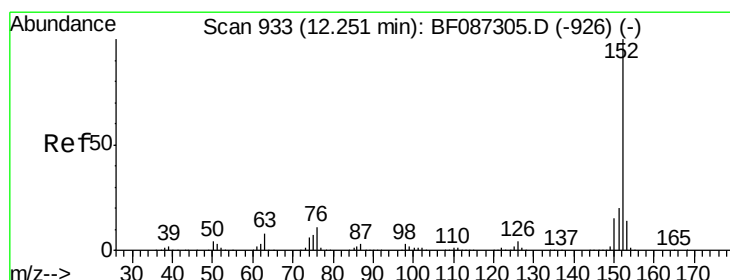
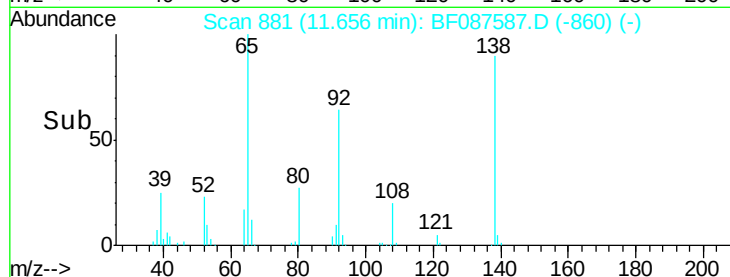
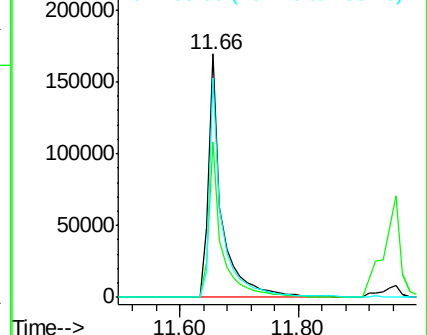
65 100

92 64.0 57.4 86.2

138 90.1 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 51.58 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

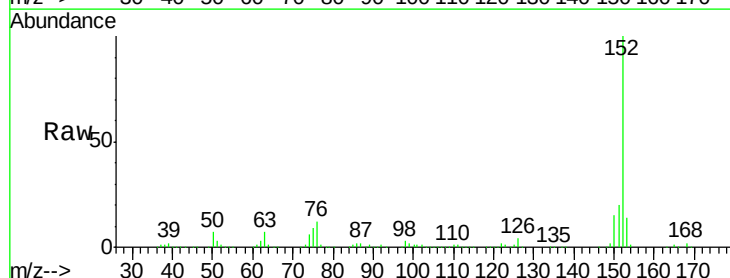
Tgt Ion: 152 Resp: 1061203

Ion Ratio Lower Upper

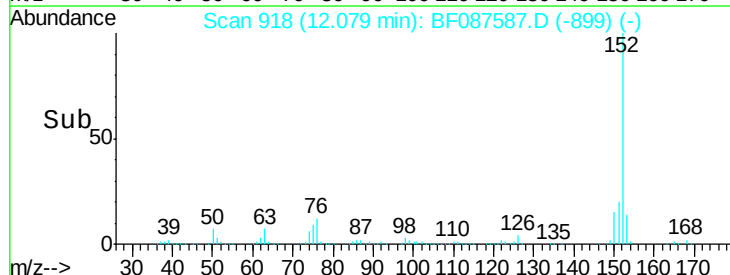
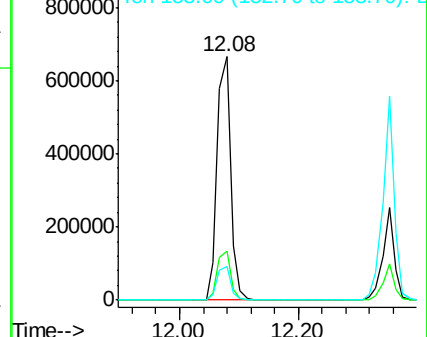
152 100

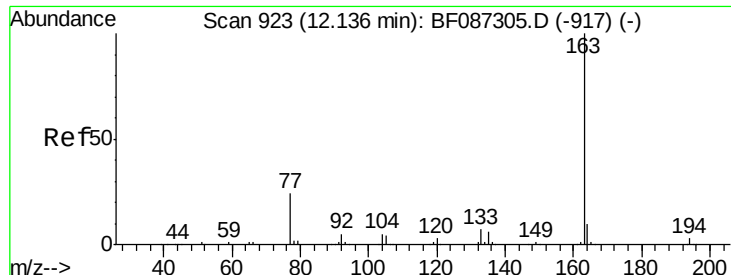
151 20.4 16.8 25.2

153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

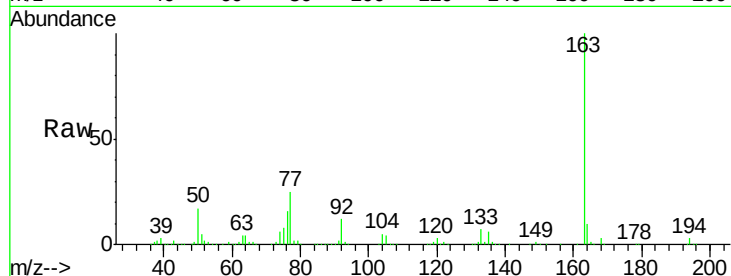




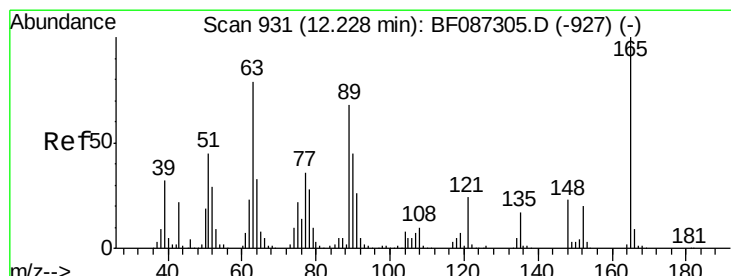
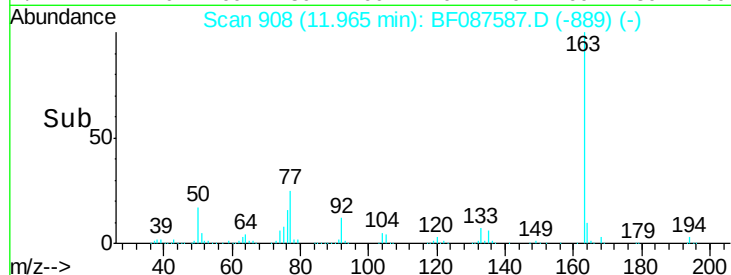
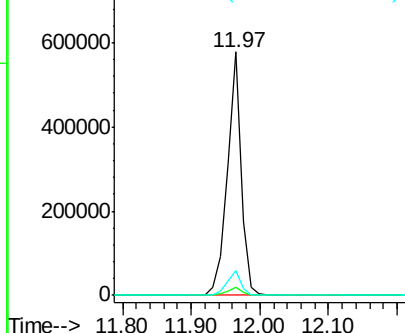
#49
Dimethylphthalate
Concen: 51.15 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tgt Ion:163 Resp: 826769
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.2 12.4

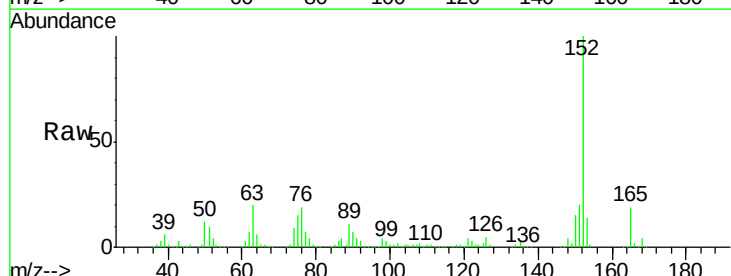


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

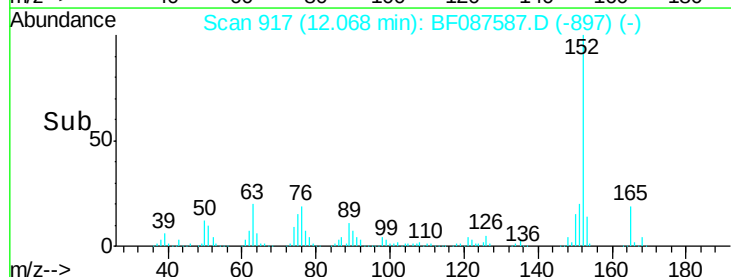
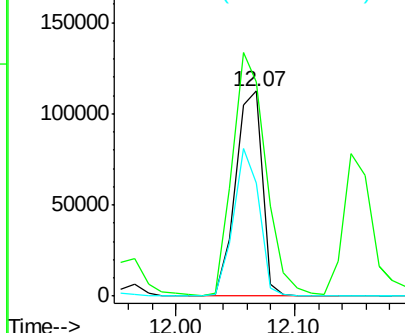


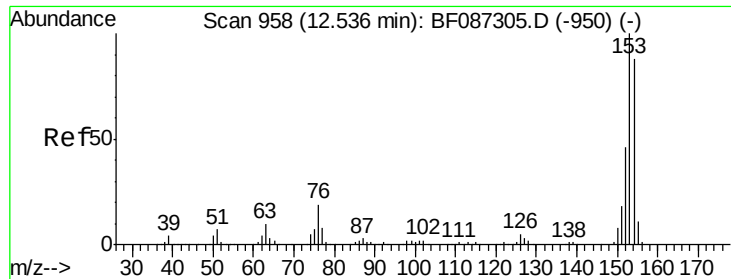
#50
2,6-Dinitrotoluene
Concen: 54.15 ng
RT: 12.07 min Scan# 917
Delta R.T. -0.07 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:165 Resp: 176362
Ion Ratio Lower Upper
165 100
63 104.5 51.8 77.8#
89 55.1 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: 53.17 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

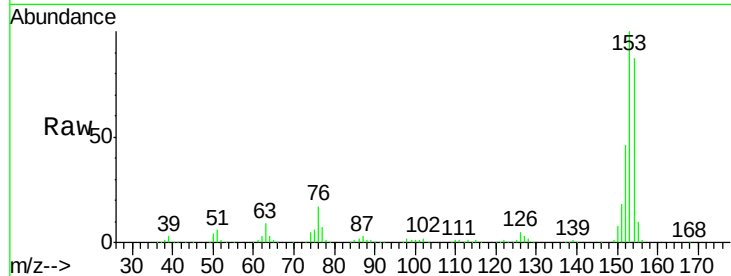
Tgt Ion:154 Resp: 672434

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

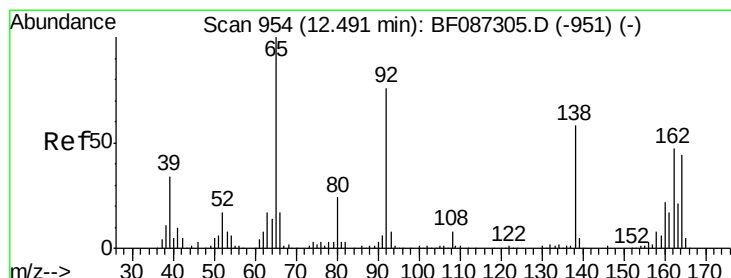
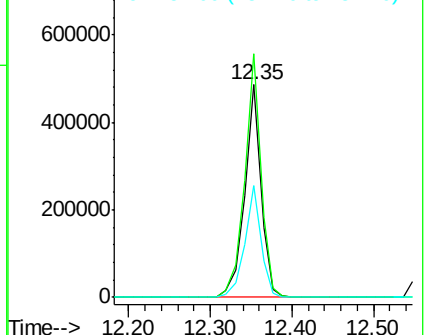
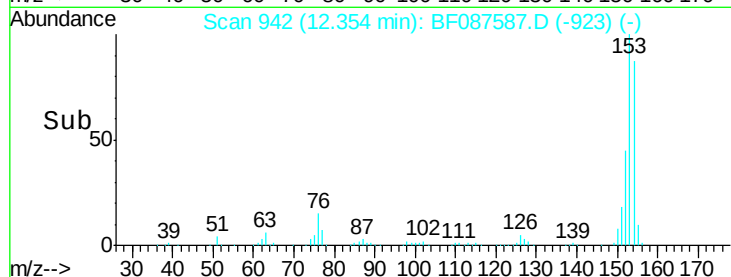
152 52.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.47 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

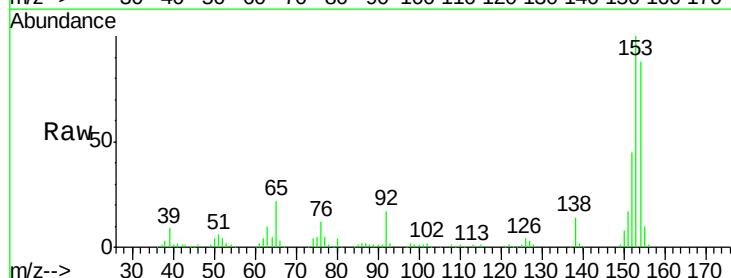
Tgt Ion:138 Resp: 65088

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

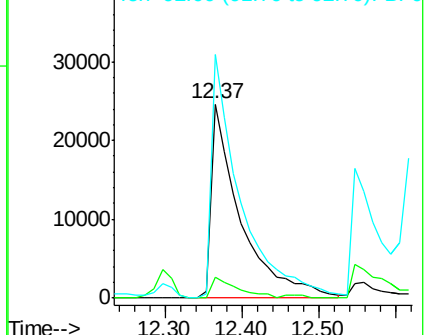
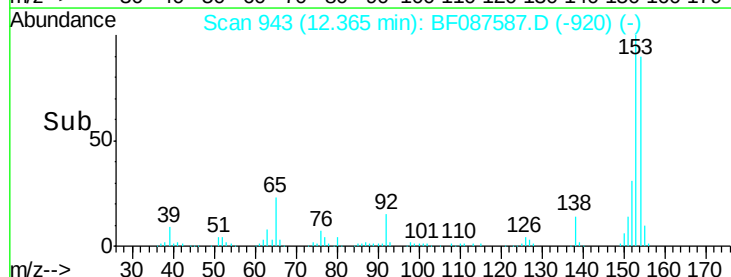
92 125.6 87.8 131.8

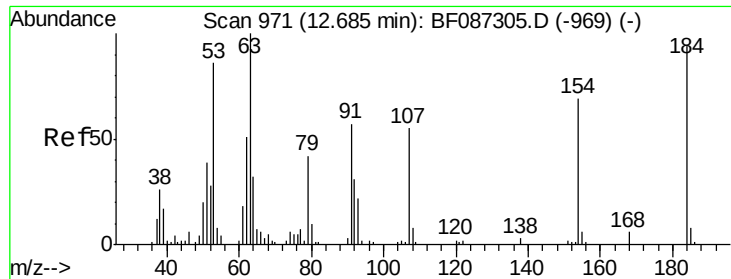


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

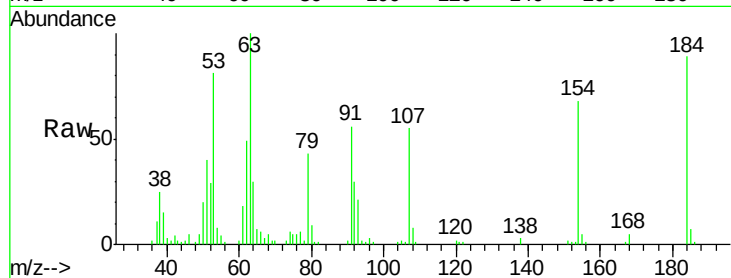




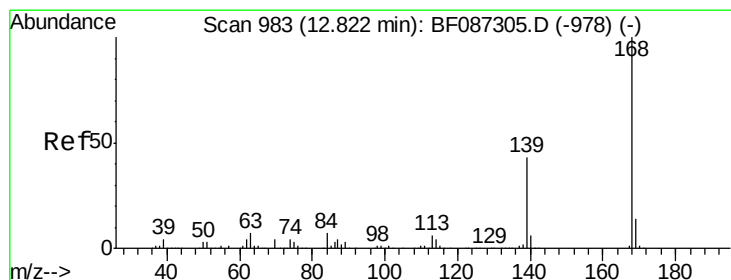
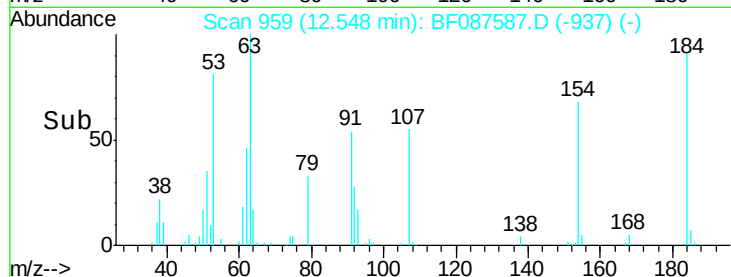
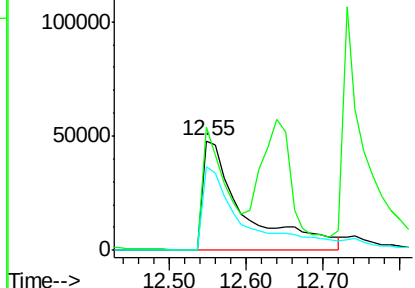
#53
2,4-Dinitrophenol
Concen: 105.12 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.05 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tgt Ion:184 Resp: 178934
Ion Ratio Lower Upper
184 100
63 113.0 55.8 83.8#
154 76.6 62.4 93.6

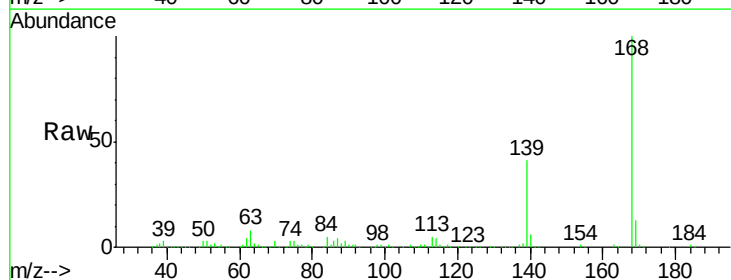


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

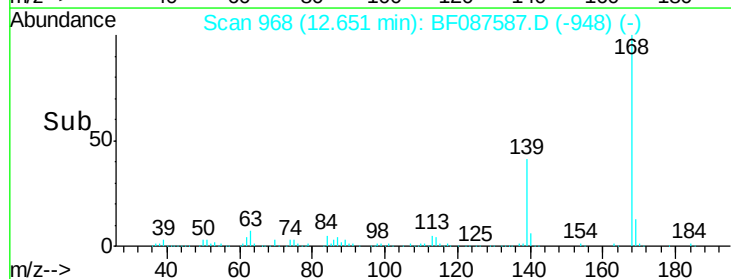
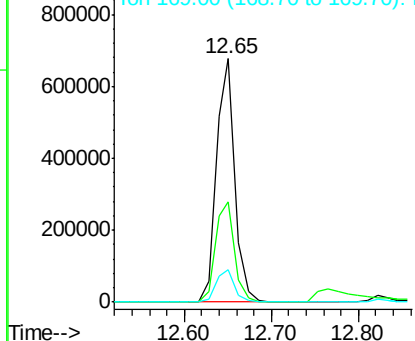


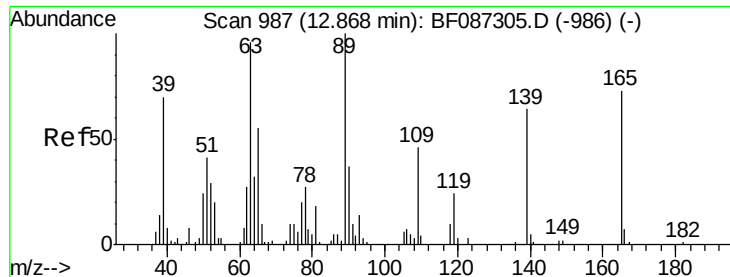
#54
Dibenzofuran
Concen: 58.19 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.07 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:168 Resp: 996379
Ion Ratio Lower Upper
168 100
139 41.1 31.4 47.0
169 13.1 10.7 16.1



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





#55

4-Nitrophenol

Concen: 268.98 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.13 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

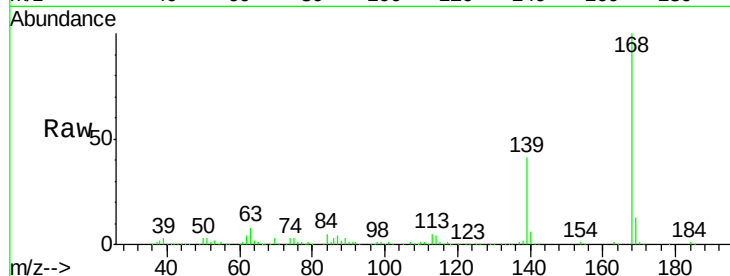
Tgt Ion:139 Resp: 428865

Ion Ratio Lower Upper

139 100

109 0.9 36.9 76.9#

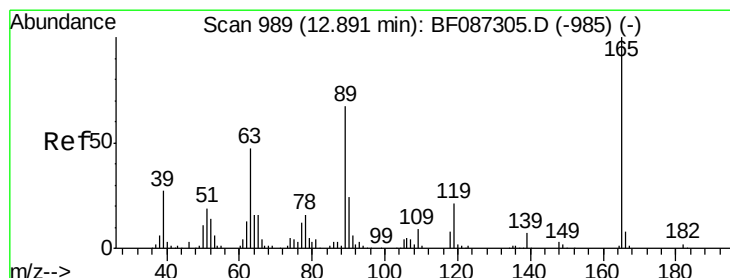
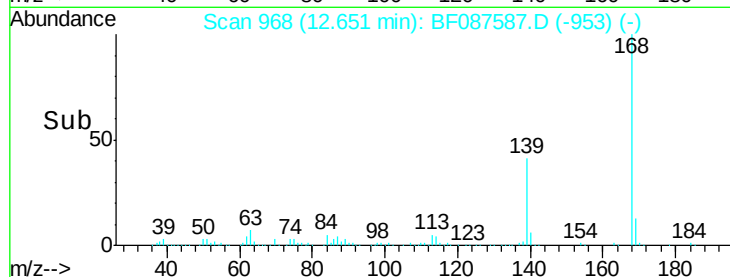
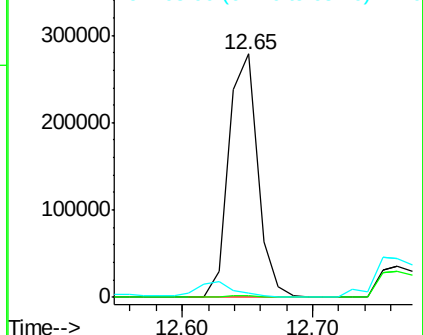
65 1.9 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 59.17 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:165 Resp: 257530

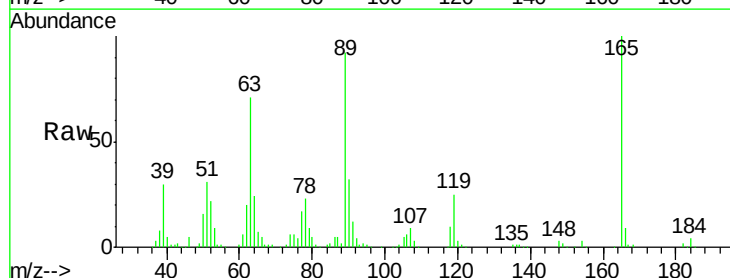
Ion Ratio Lower Upper

165 100

63 70.7 44.3 66.5#

89 92.4 70.0 105.0

182 2.3 1.8 2.6

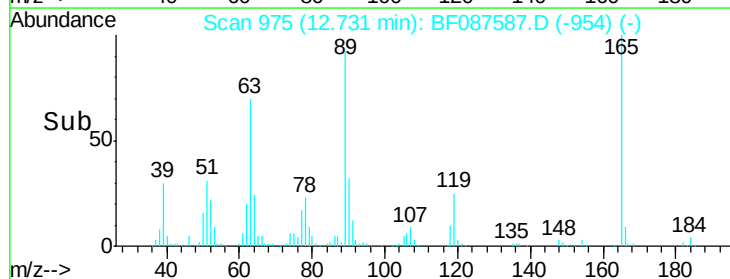
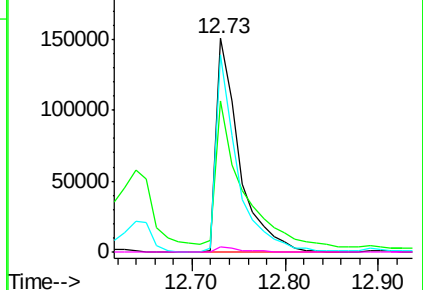


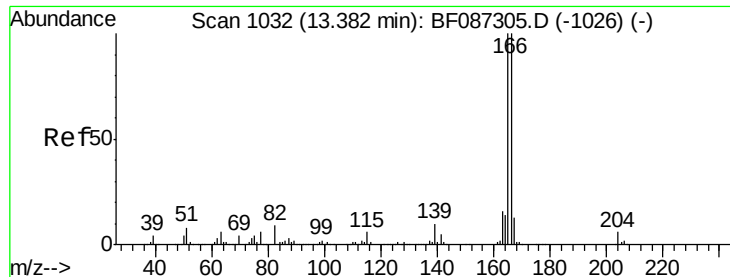
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.42 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

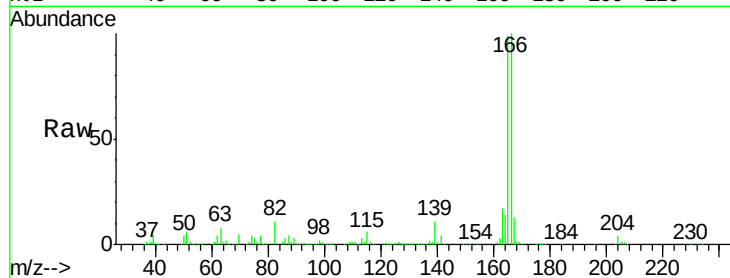
Tgt Ion:166 Resp: 793205

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.6

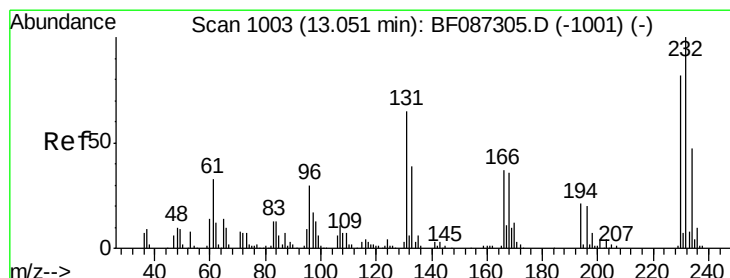
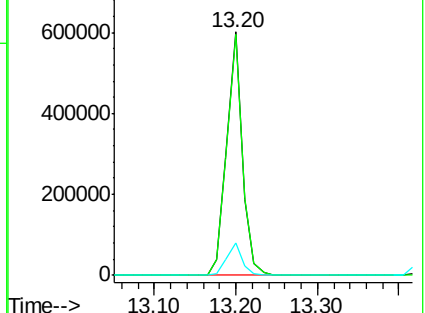
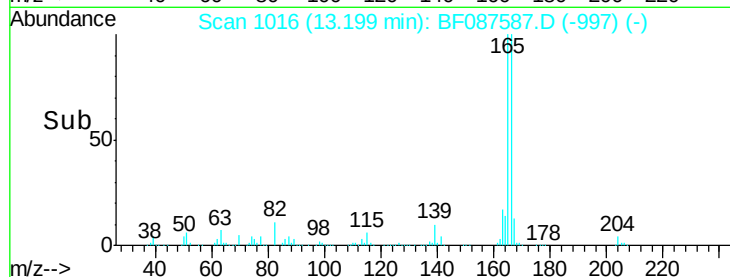
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.94 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:232 Resp: 177957

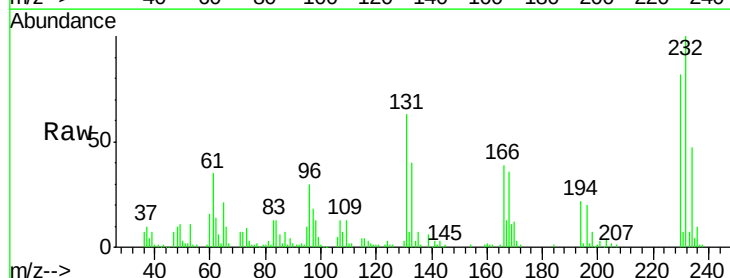
Ion Ratio Lower Upper

232 100

131 51.3 41.9 62.9

130 2.8 2.2 3.4

166 32.2 26.8 40.2

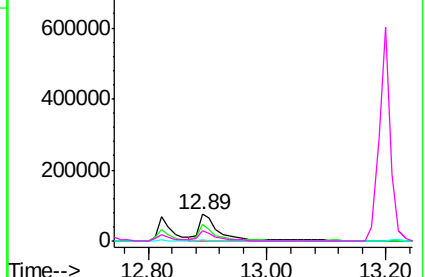
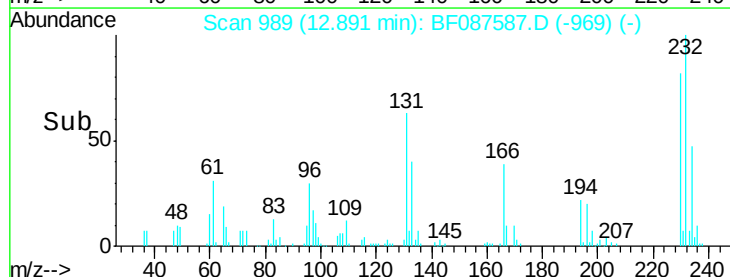


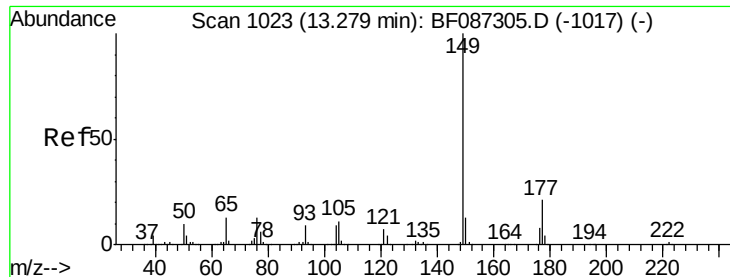
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

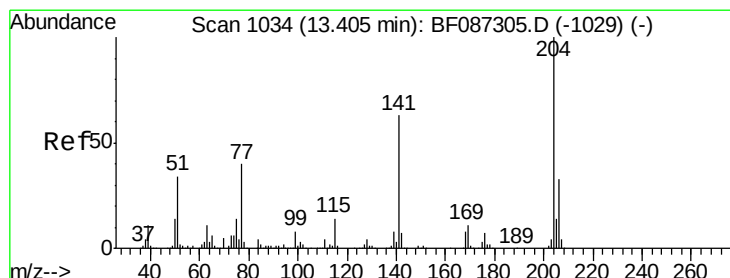
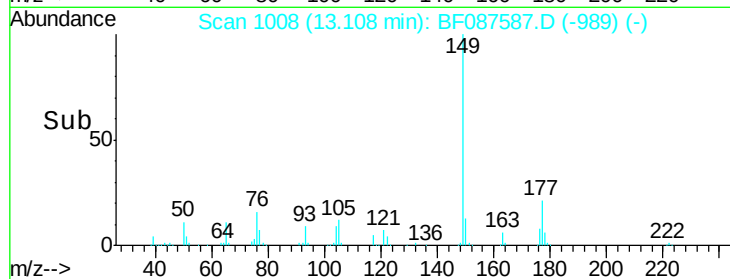
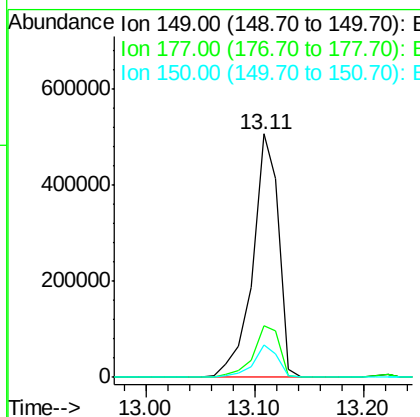
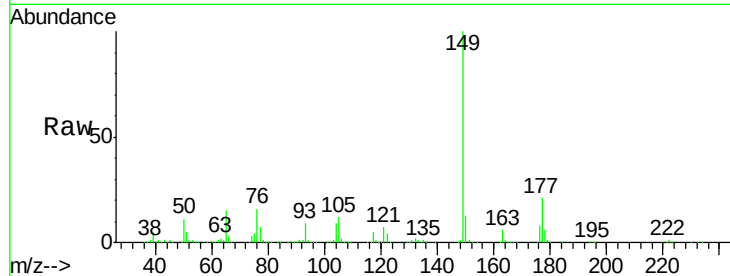




#59
Diethylphthalate
Concen: 53.42 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

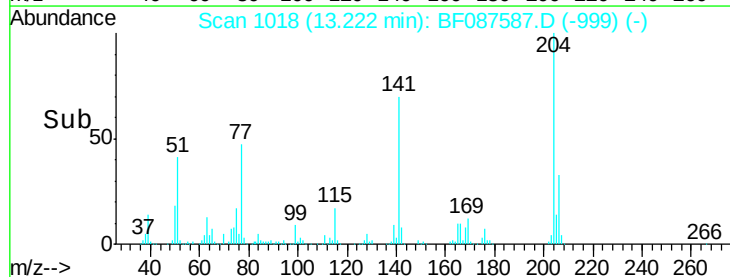
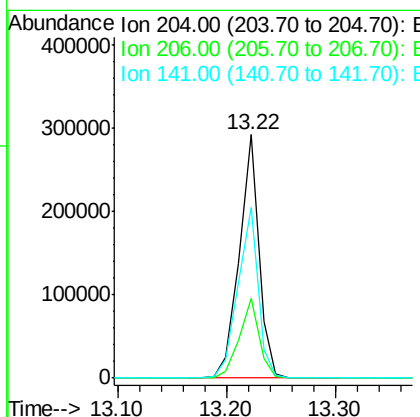
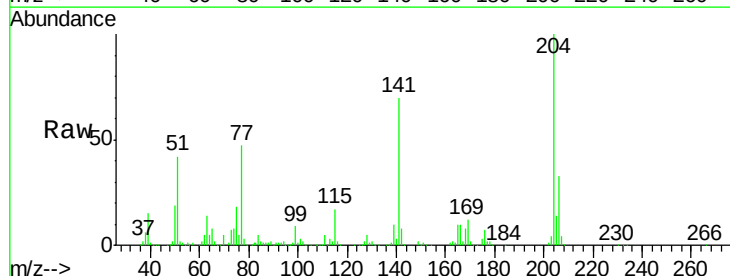
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

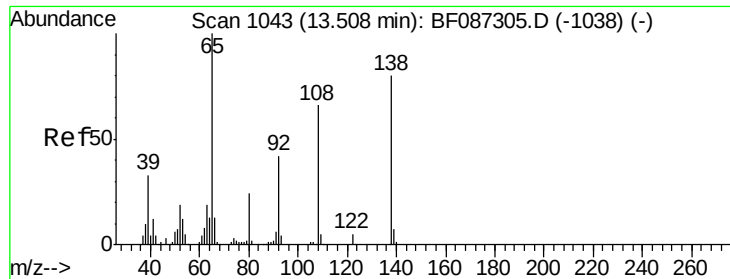
Tgt Ion:149 Resp: 839495
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 13.1 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 50.48 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:204 Resp: 365468
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 70.1 61.6 92.4

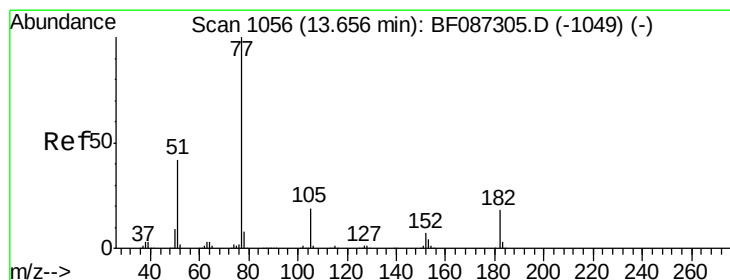
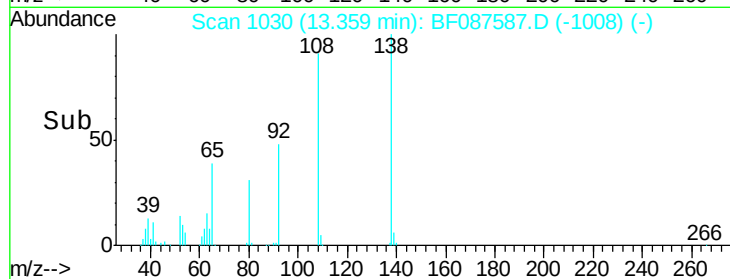
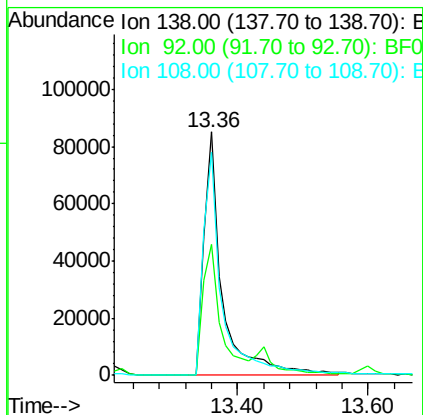
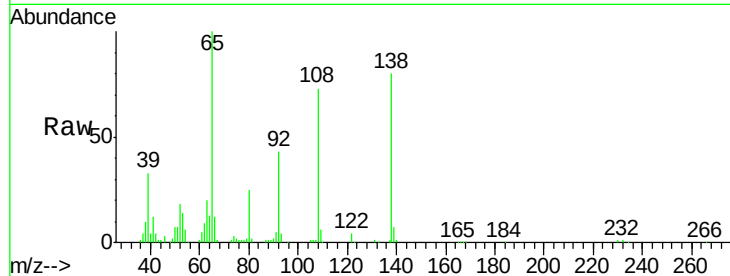




#61
4-Nitroaniline
Concen: 53.60 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

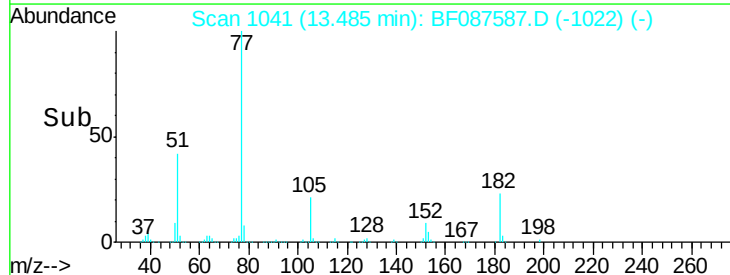
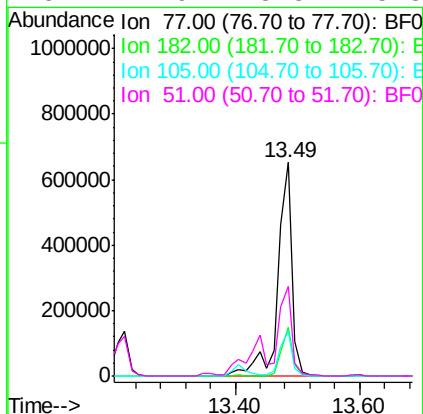
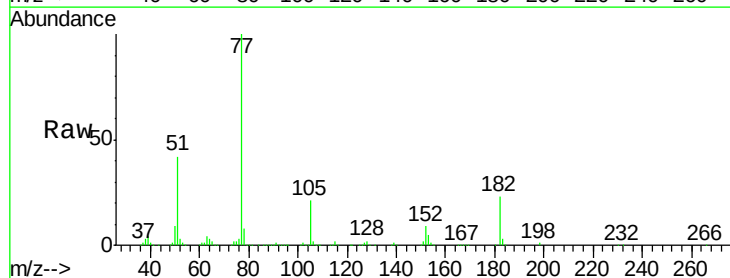
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

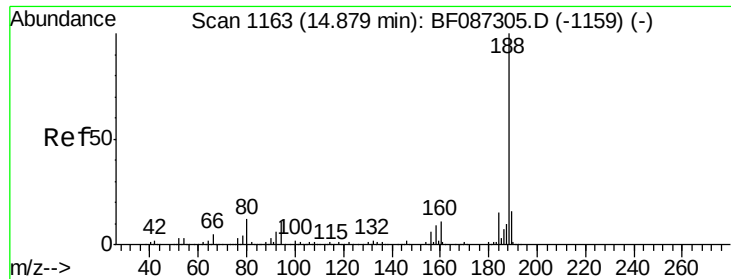
Tgt Ion:138 Resp: 167195
Ion Ratio Lower Upper
138 100
92 53.8 24.7 64.7
108 91.5 37.4 77.4#



#62
Azobenzene
Concen: 63.32 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion: 77 Resp: 1032304
Ion Ratio Lower Upper
77 100
182 22.7 0.0 38.8
105 20.9 3.2 43.2
51 41.9 8.8 48.8

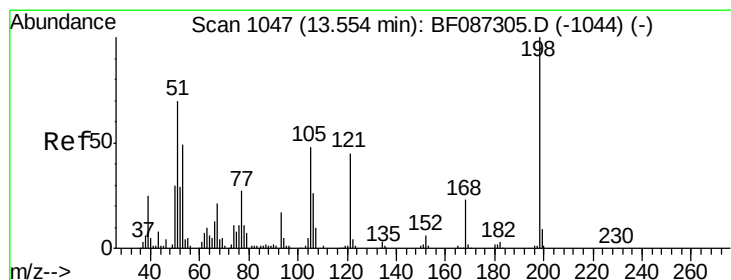
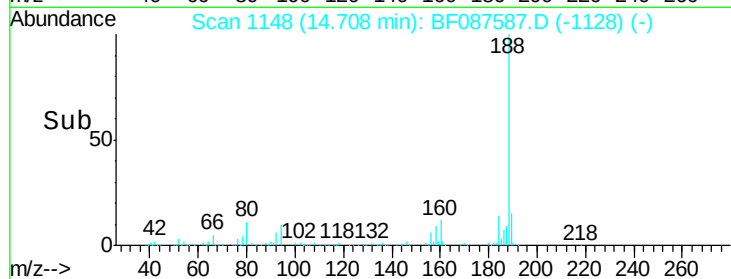
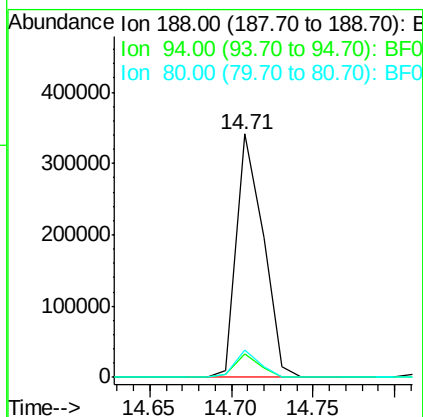
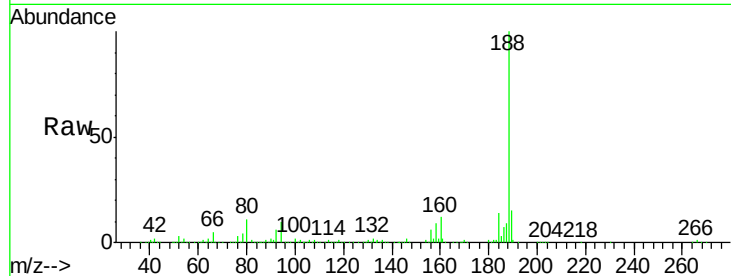




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

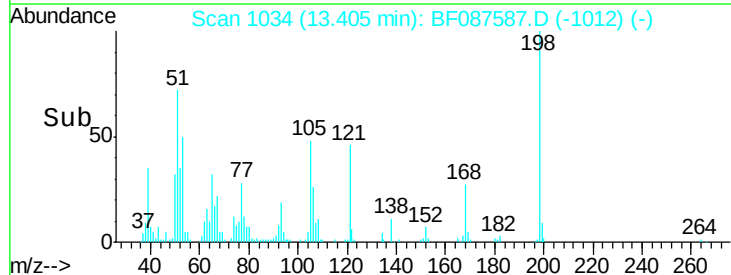
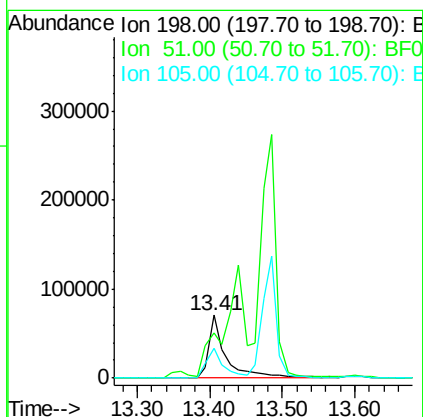
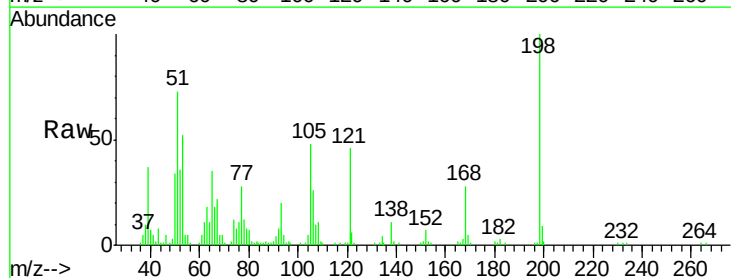
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

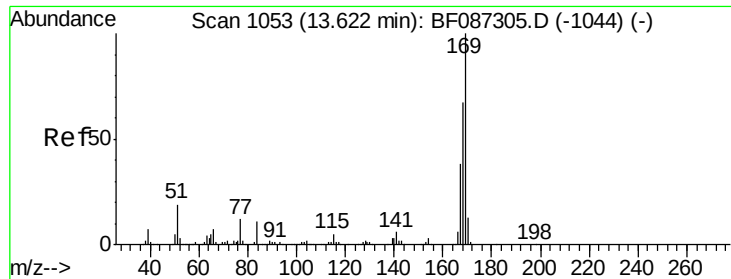
Tgt Ion:188 Resp: 387948
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 11.0 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.96 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:198 Resp: 118317
Ion Ratio Lower Upper
198 100
51 72.8 20.5 60.5#
105 48.0 24.5 64.5

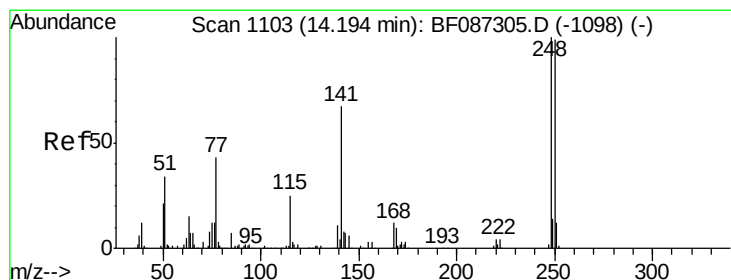
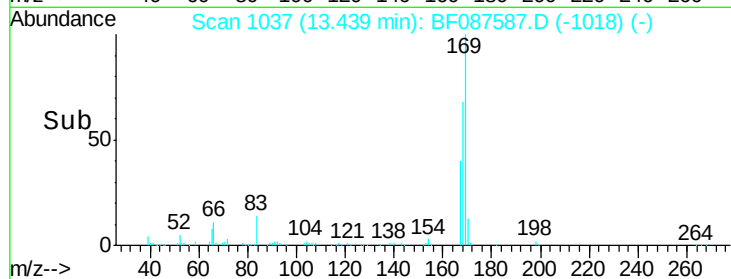
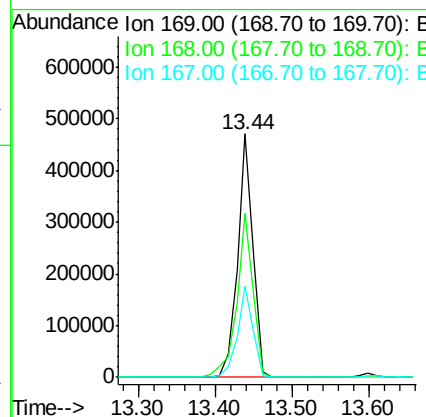
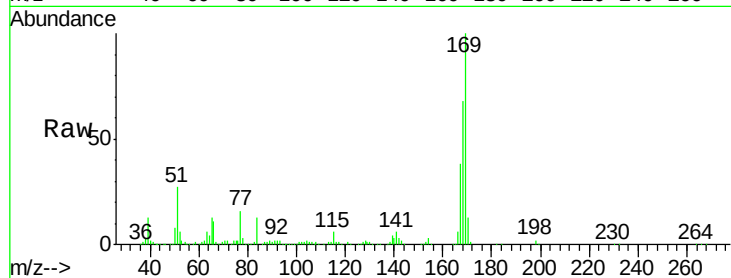




#65
n-Nitrosodiphenylamine
Concen: 53.06 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

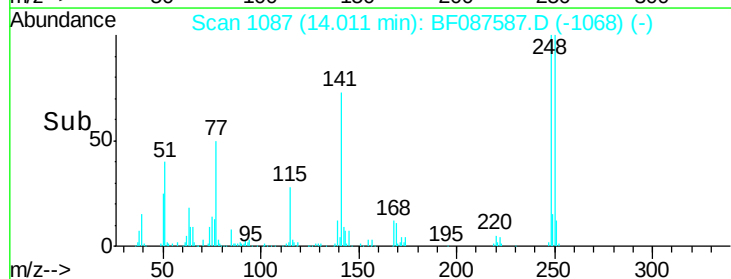
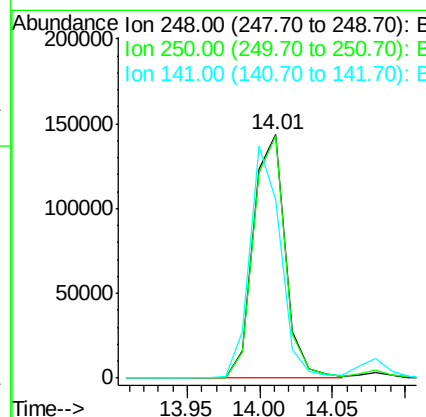
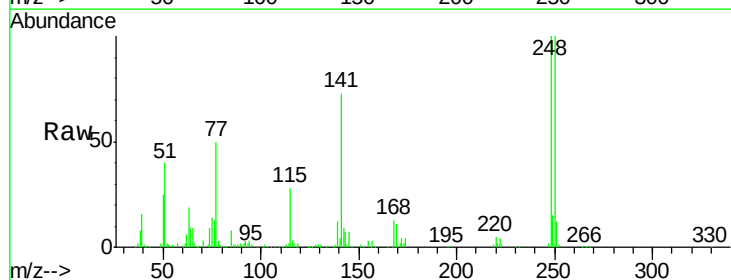
Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

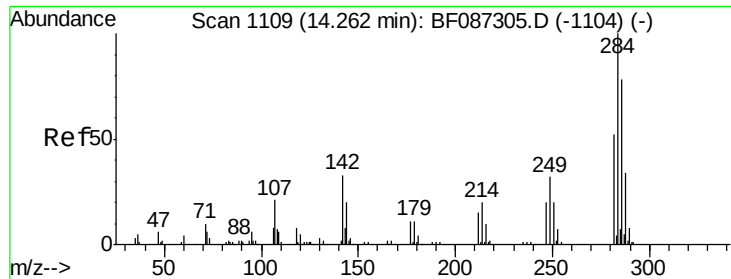
Tgt Ion:169 Resp: 665657
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 37.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 51.70 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.08 min
Lab File: BF087587.D
Acq: 31 May 2016 18:29

Tgt Ion:248 Resp: 219404
Ion Ratio Lower Upper
248 100
250 99.6 78.6 117.8
141 73.2 76.0 114.0#





#67

Hexachlorobenzene

Concen: 51.72 ng

RT: 14.08 min Scan# 1093

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

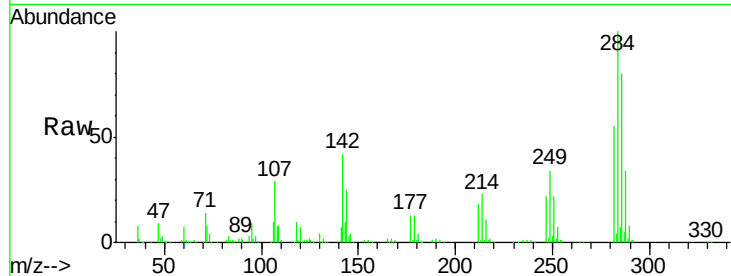
Tgt Ion:284 Resp: 229563

Ion Ratio Lower Upper

284 100

142 42.2 16.7 25.1#

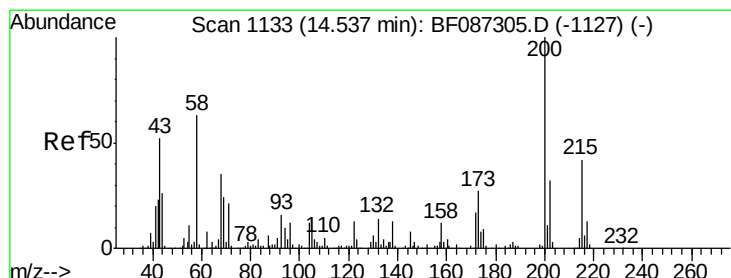
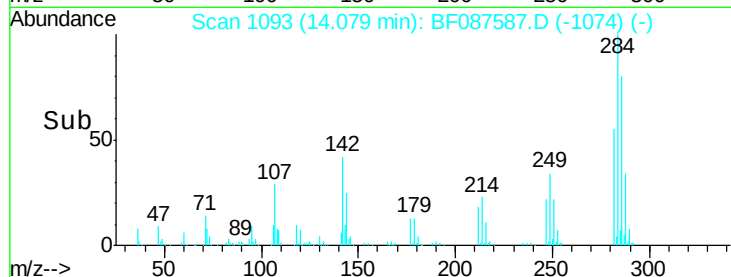
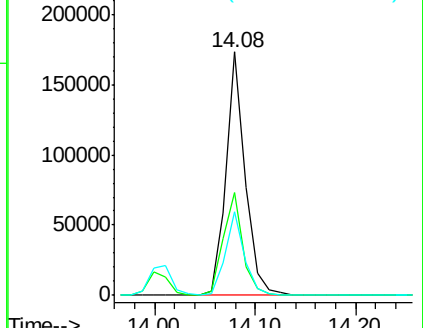
249 34.3 21.3 31.9#



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: 53.31 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

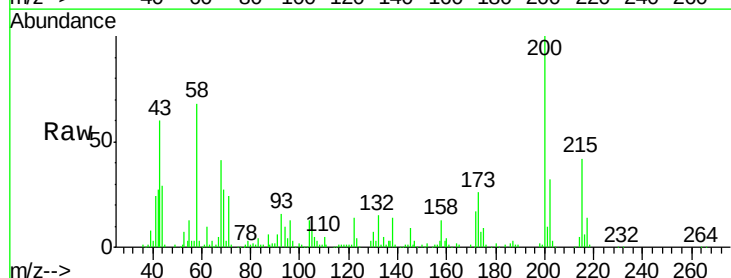
Tgt Ion:200 Resp: 213204

Ion Ratio Lower Upper

200 100

173 26.4 8.5 48.5

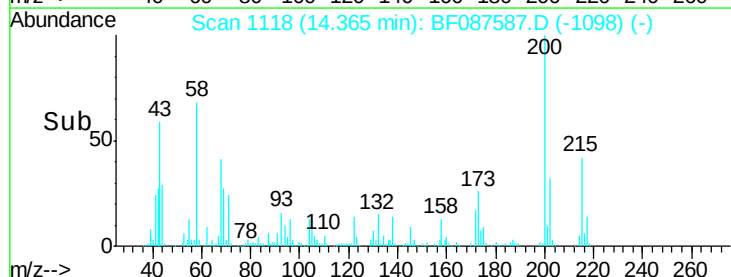
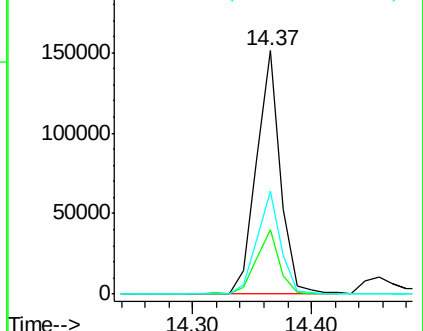
215 42.1 27.2 67.2

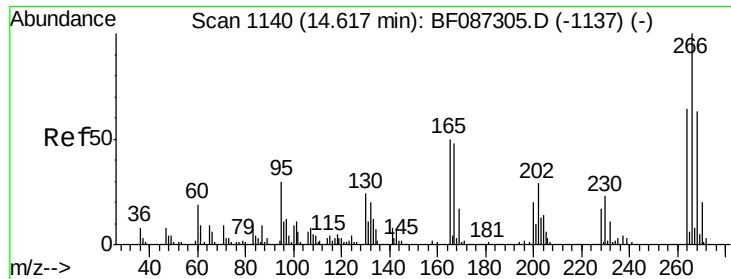


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

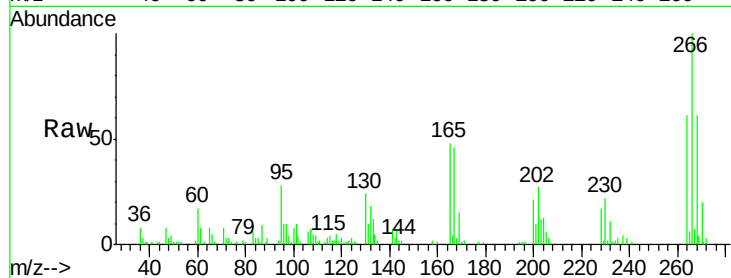




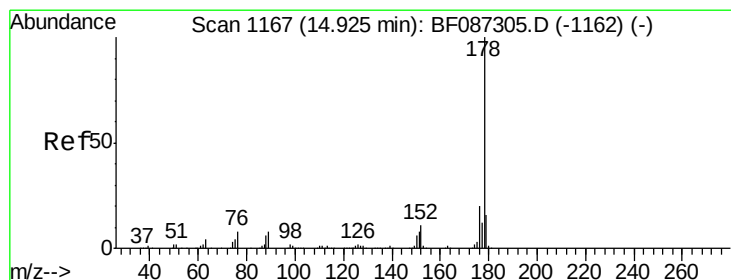
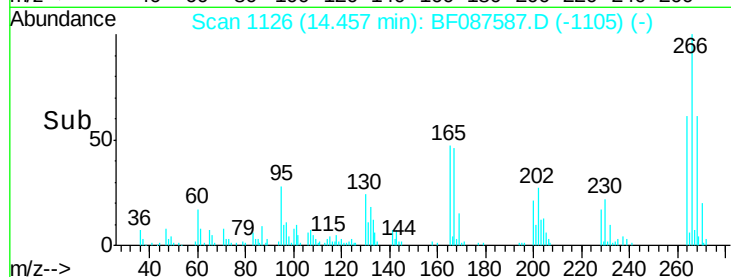
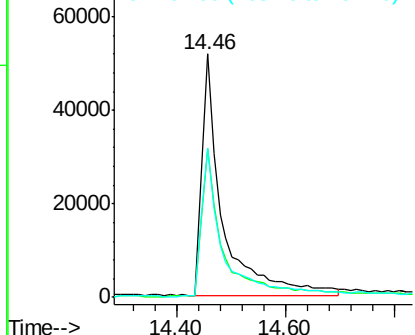
#69
 Pentachlorophenol
 Concen: 96.76 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. -0.06 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tgt Ion:266 Resp: 135421
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.5 77.3
 264 61.3 52.9 79.3

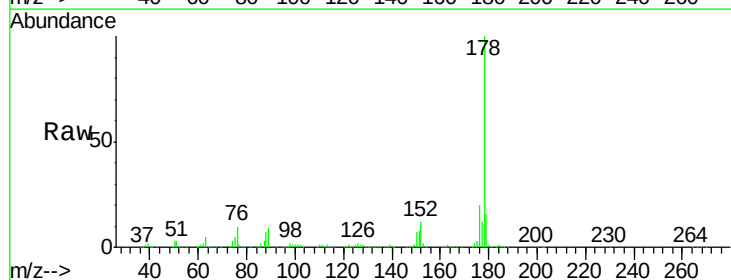


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

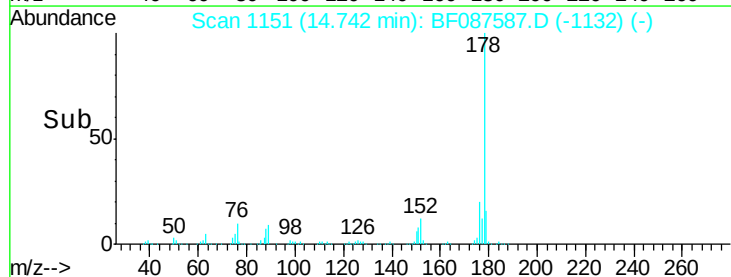
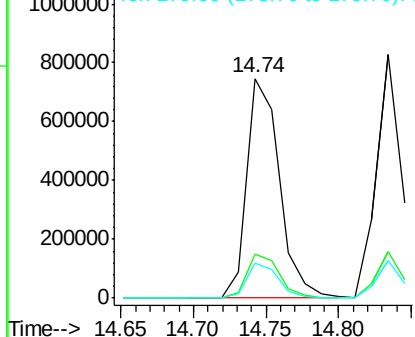


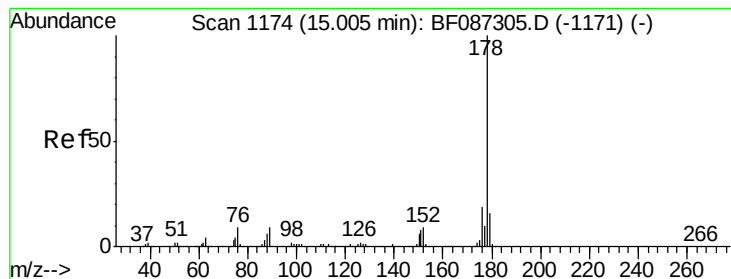
#70
 Phenanthrene
 Concen: 54.20 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.08 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion:178 Resp: 1164648
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.8 12.6 18.8



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





#71

Anthracene

Concen: 55.03 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

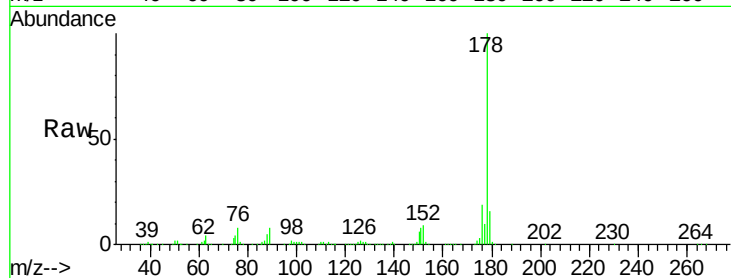
Tgt Ion:178 Resp: 1194638

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

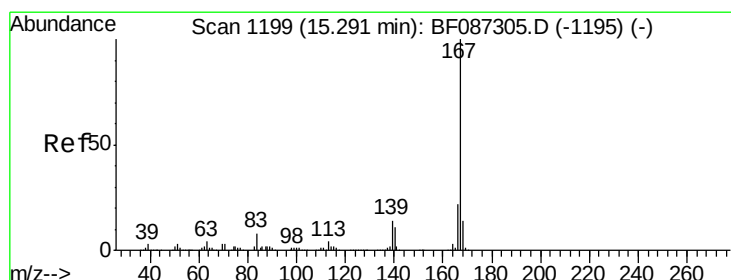
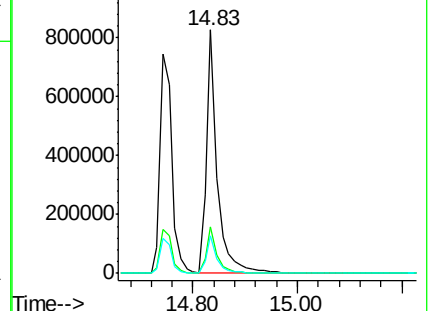
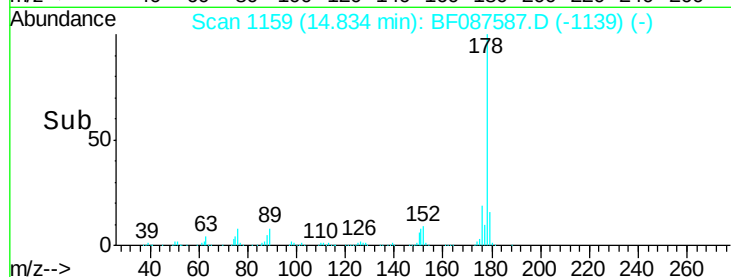
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 56.75 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

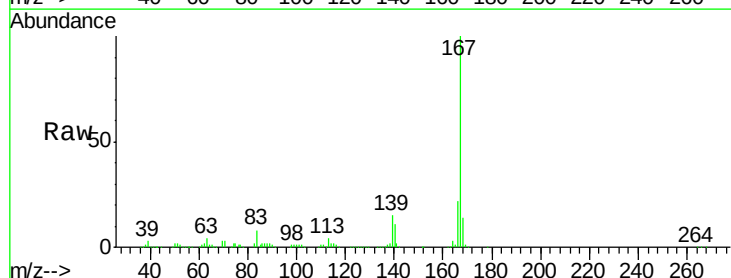
Tgt Ion:167 Resp: 1050638

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

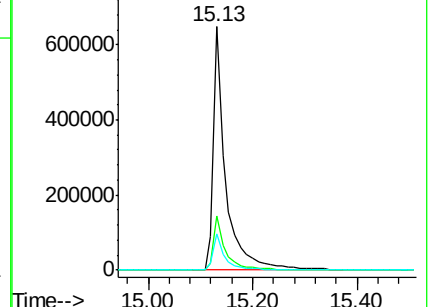
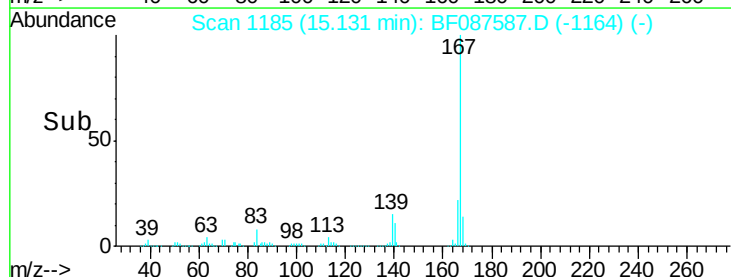
139 14.8 10.8 16.2

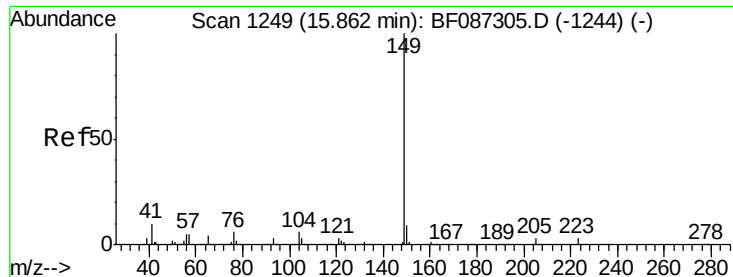


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.90 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

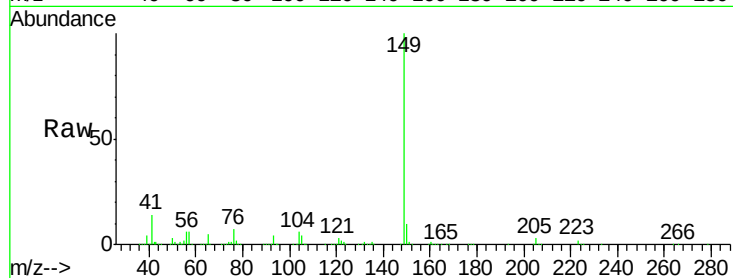
Tgt Ion:149 Resp: 1290533

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

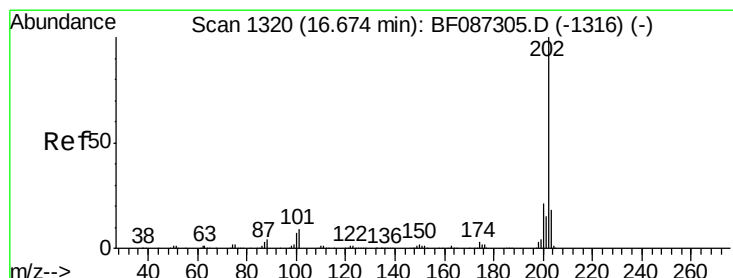
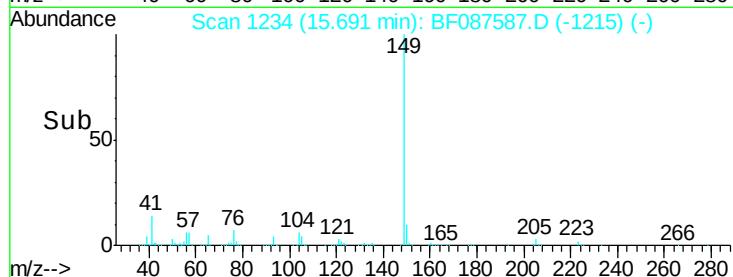
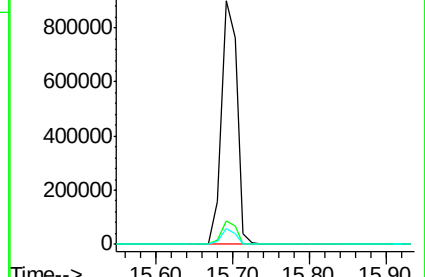
104 6.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 57.29 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

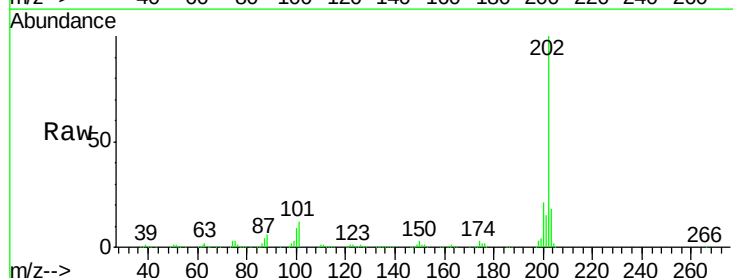
Tgt Ion:202 Resp: 1234604

Ion Ratio Lower Upper

202 100

101 12.1 0.0 35.4

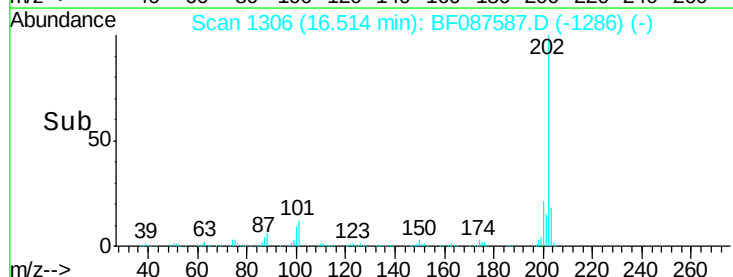
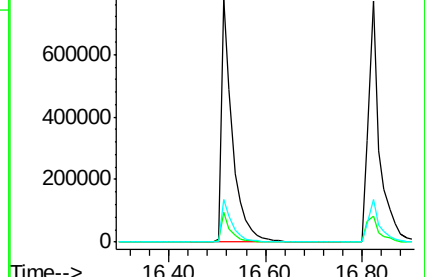
203 17.8 0.0 38.1

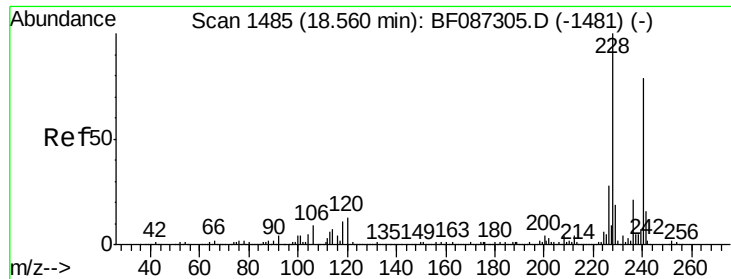


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.42 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

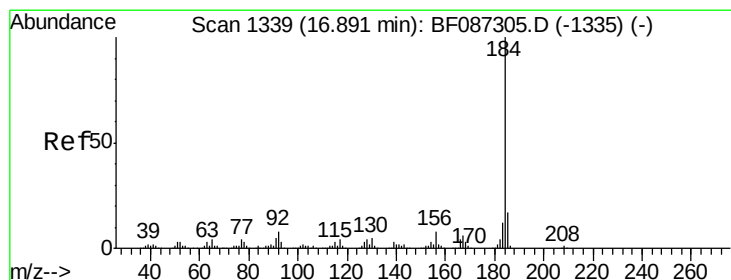
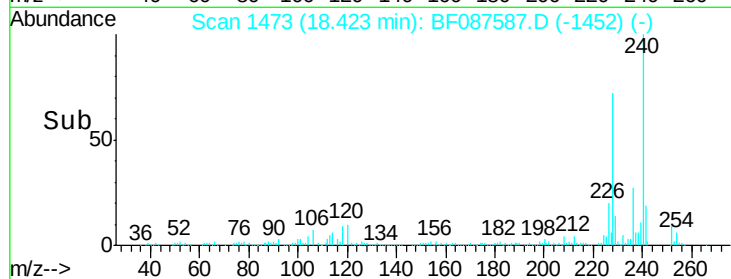
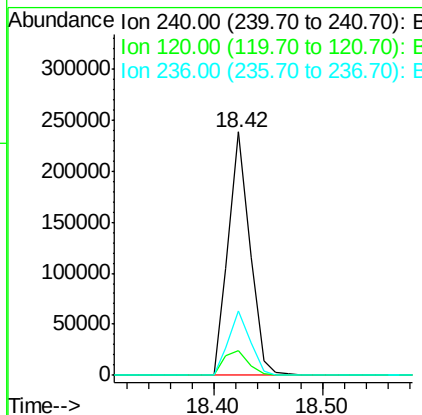
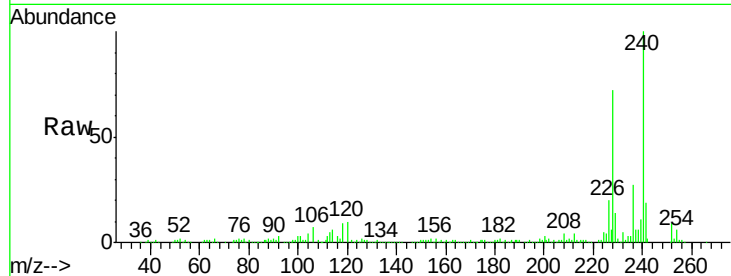
Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

Tgt Ion:	240	Resp:	329382
Ion	Ratio	Lower	Upper
240	100		
120	10.1	11.2	16.8#
236	26.6	21.2	31.8



#76

Benzidine

Concen: 13.80 ng

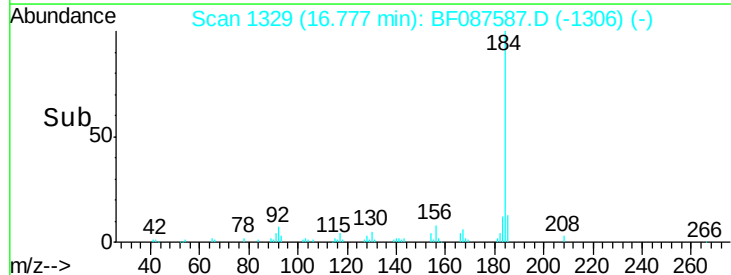
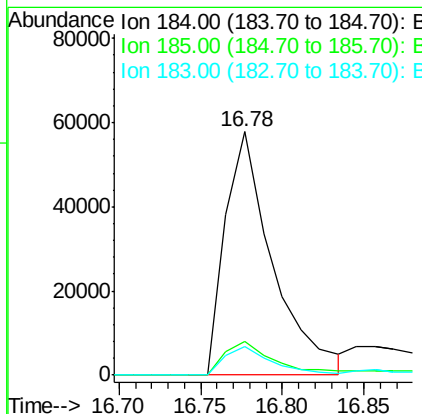
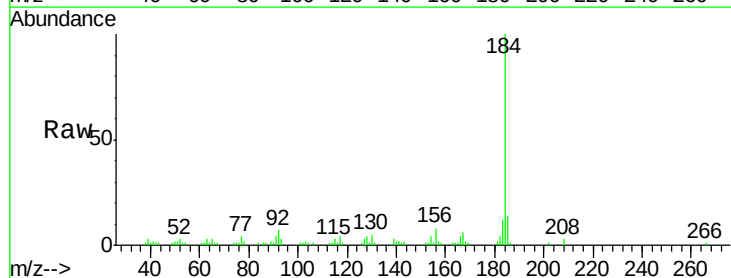
RT: 16.78 min Scan# 1329

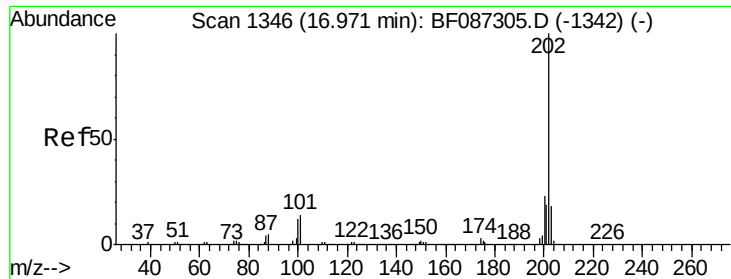
Delta R.T. -0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:	184	Resp:	116929
Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.6	20.4
183	11.9	9.8	14.6





#77

Pyrene

Concen: 51.61 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

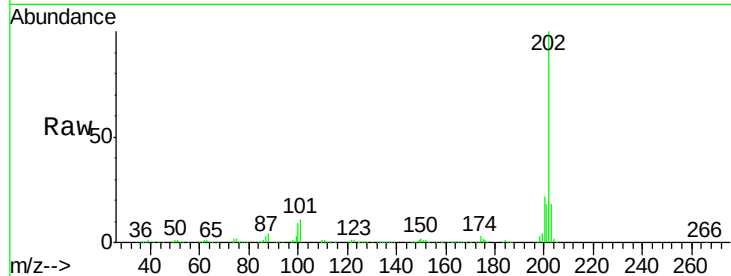
Tgt Ion:202 Resp: 1223680

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

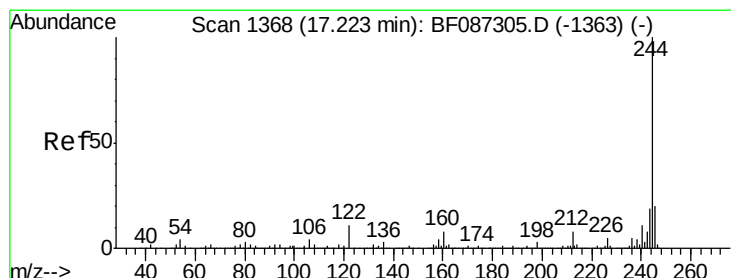
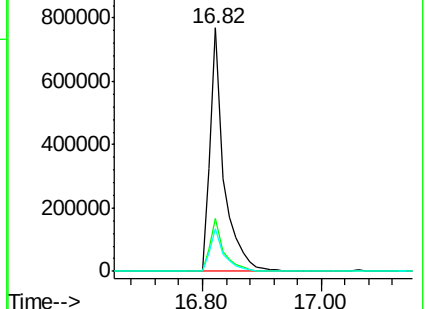
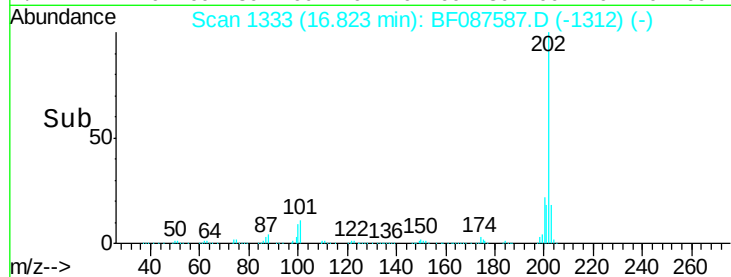
203 17.6 14.2 21.4



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: 89.72 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

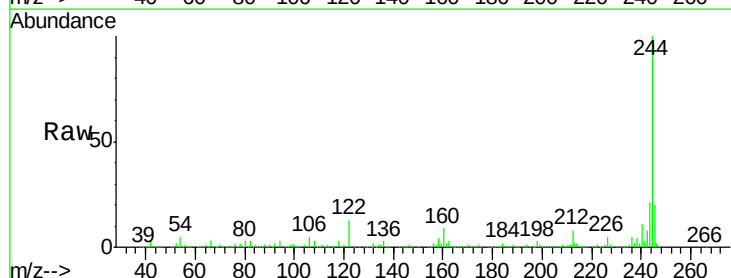
Tgt Ion:244 Resp: 1390078

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

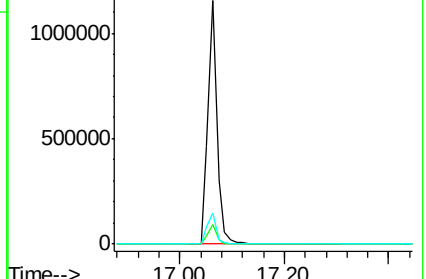
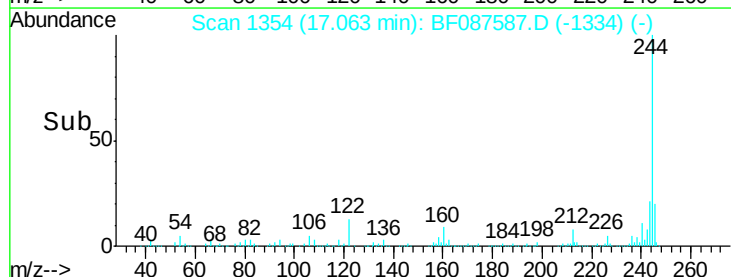
122 12.8 12.0 18.0

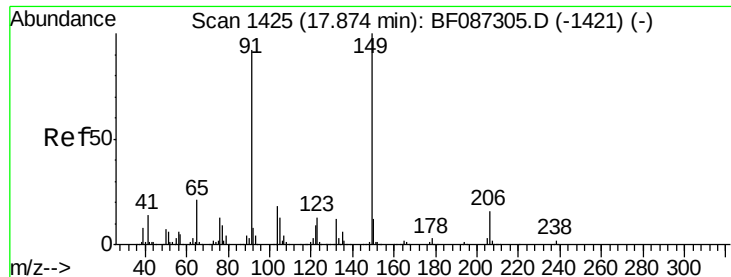


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.39 ng

RT: 17.73 min Scan# 1412

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

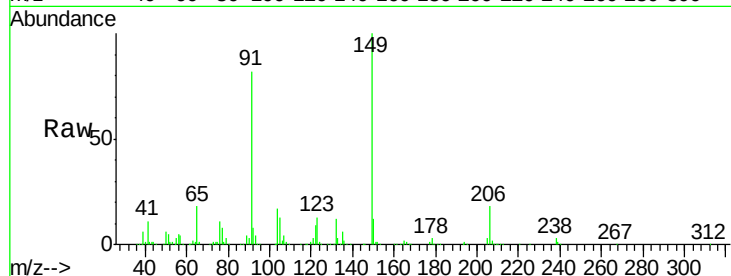
Tgt Ion:149 Resp: 540372

Ion Ratio Lower Upper

149 100

91 82.1 48.0 72.0#

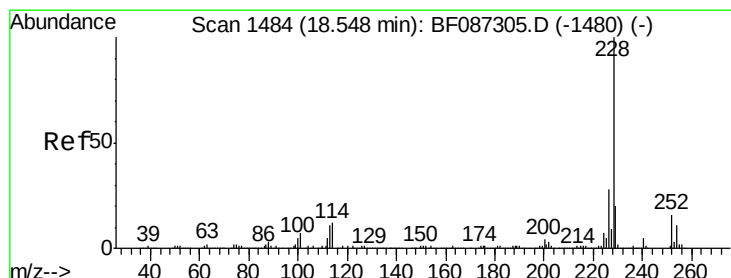
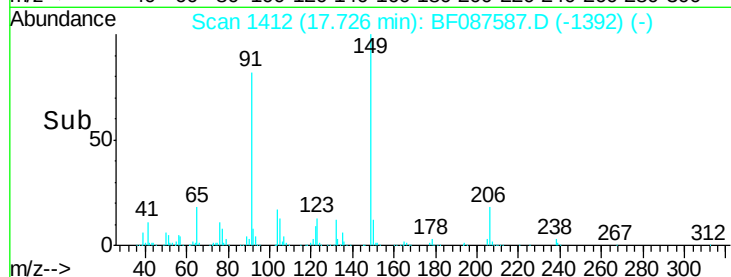
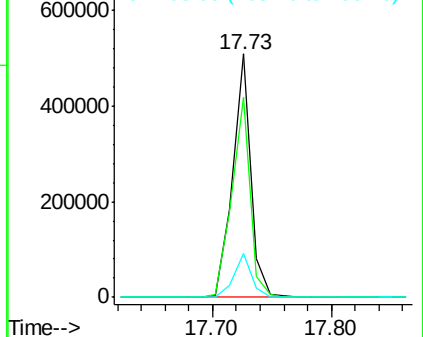
206 18.0 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.36 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.05 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

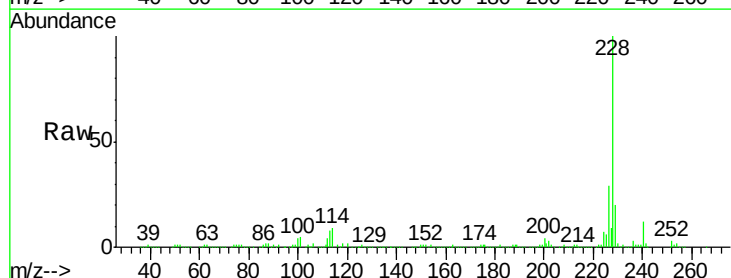
Tgt Ion:228 Resp: 1018539

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

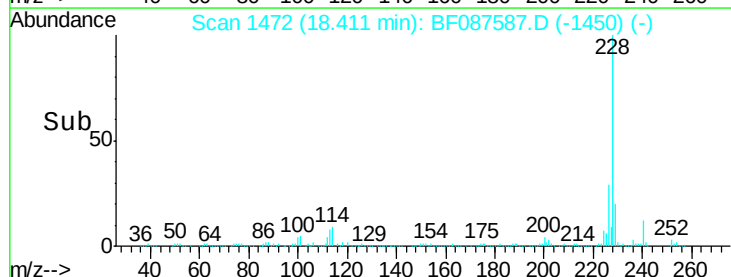
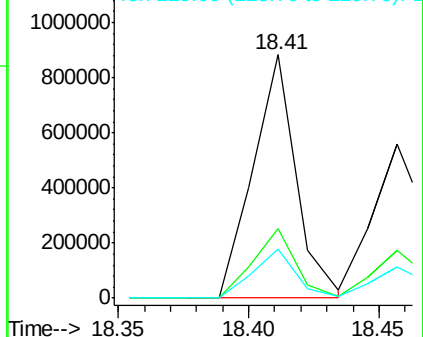
229 20.2 16.6 25.0

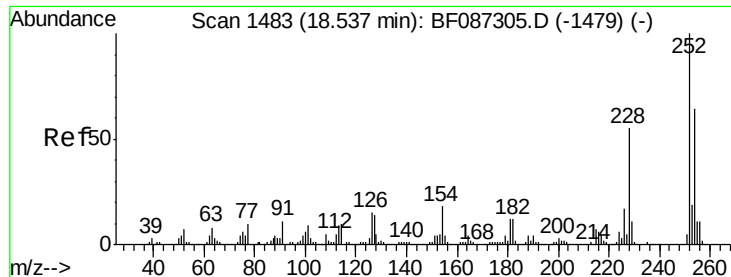


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

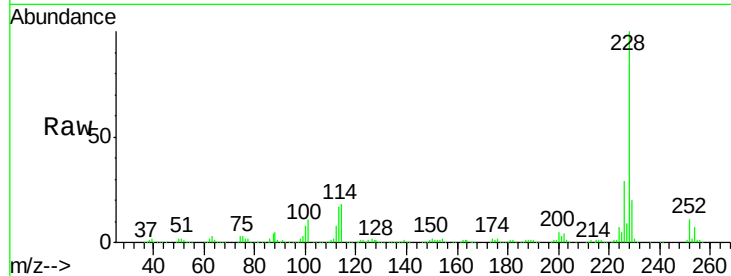




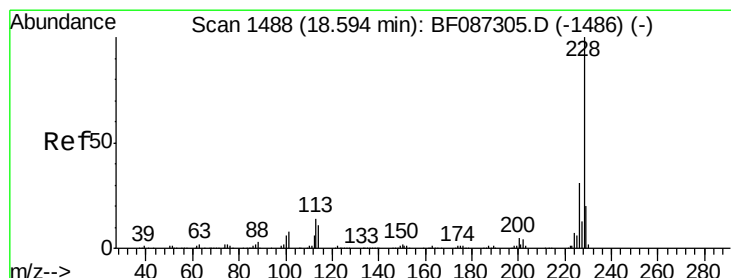
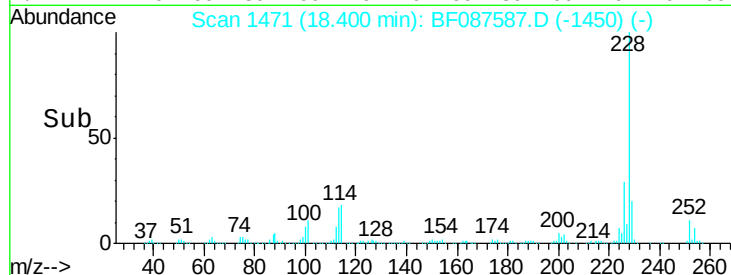
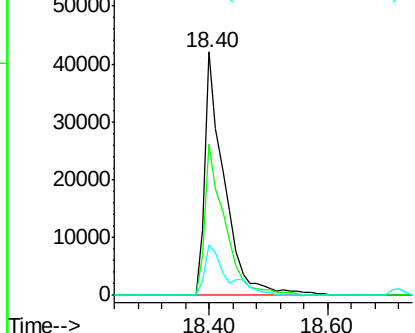
#81
 3,3'-Dichlorobenzidine
 Concen: 9.35 ng
 RT: 18.40 min Scan# 1471
 Delta R.T. -0.06 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

Tgt Ion:252 Resp: 96758
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.7 76.1
 126 20.5 12.7 19.1#

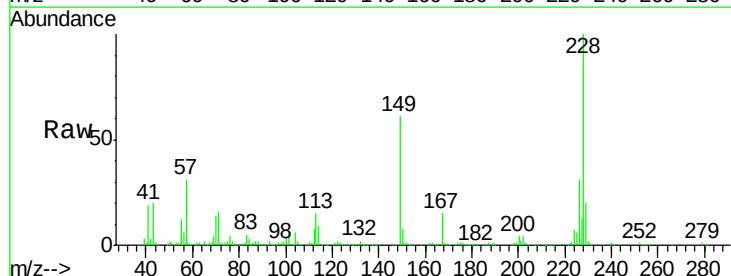


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

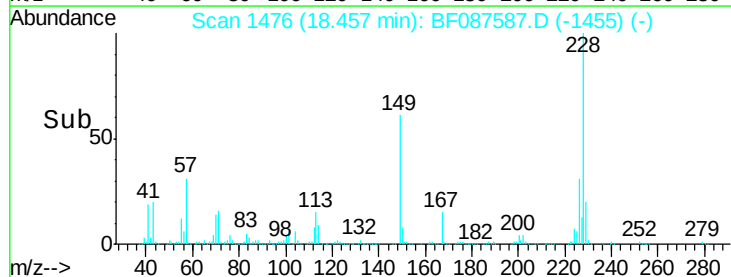
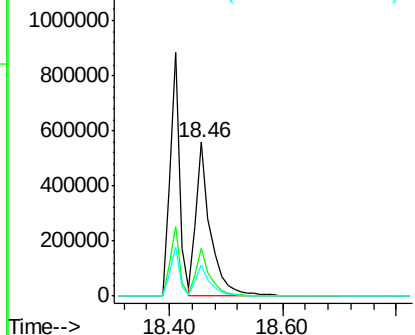


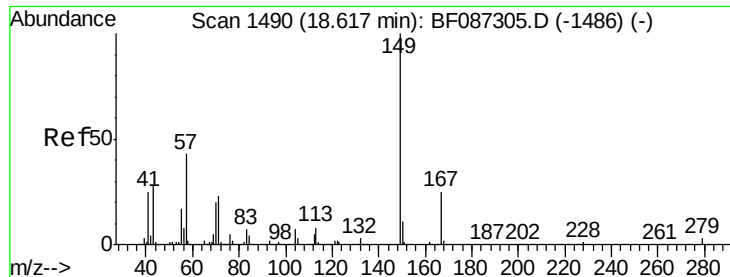
#82
 Chrysene
 Concen: 53.03 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.06 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion:228 Resp: 986126
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.08 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.07 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

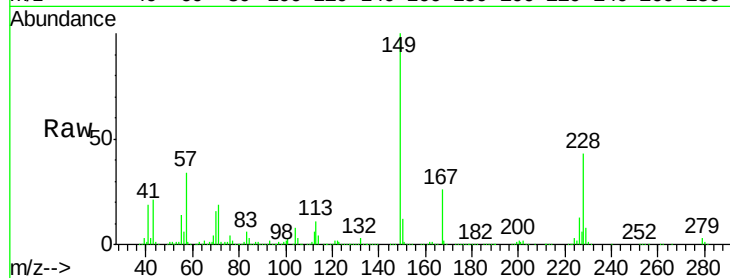
Tgt Ion:149 Resp: 737613

Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.6

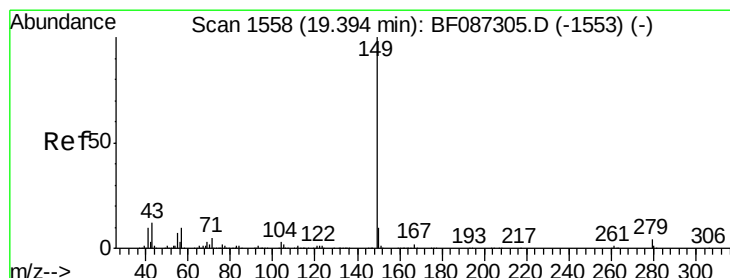
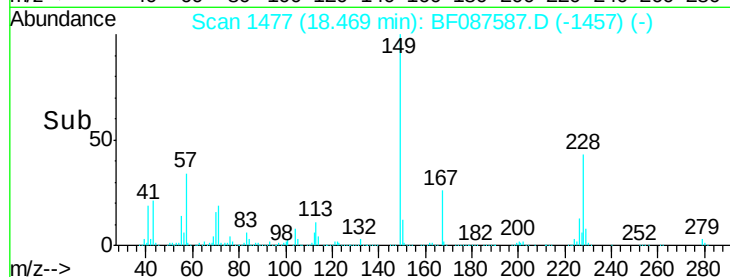
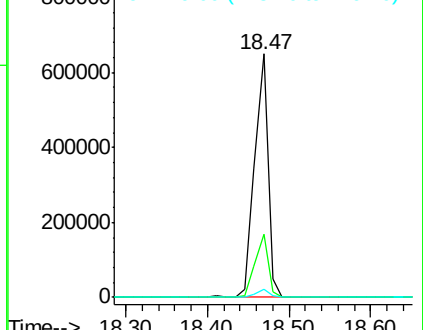
279 3.3 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.77 ng

RT: 19.23 min Scan# 1544

Delta R.T. -0.08 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

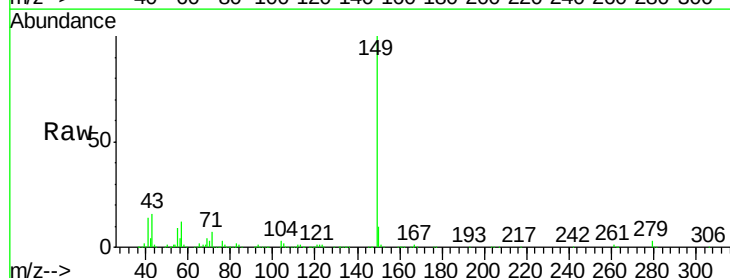
Tgt Ion:149 Resp: 1211257

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

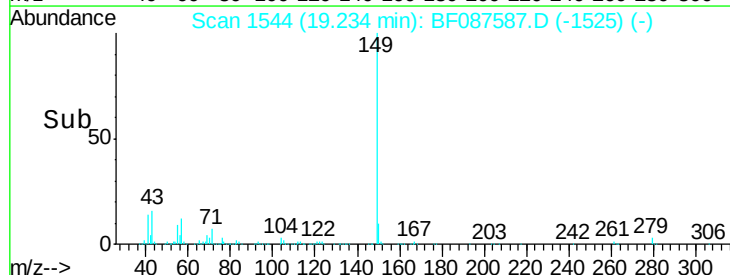
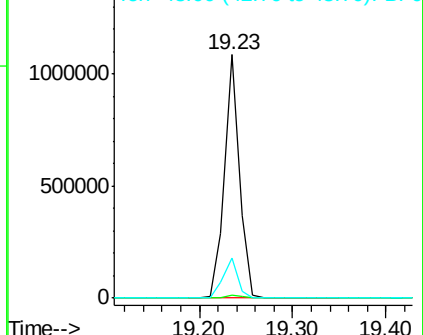
43 16.3 8.2 12.4#

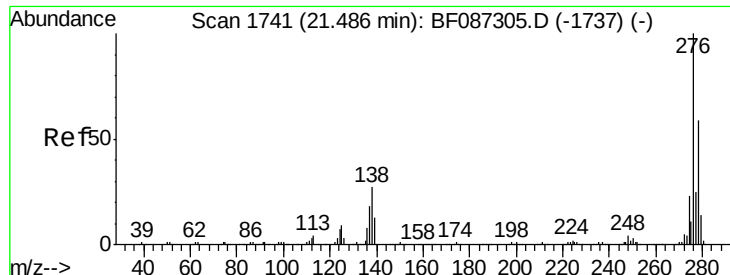


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

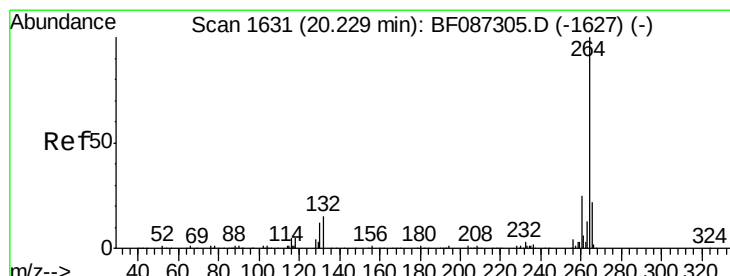
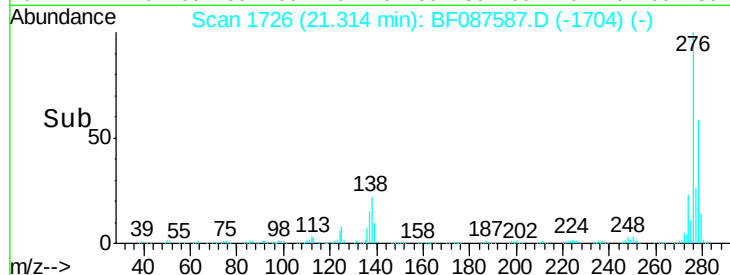
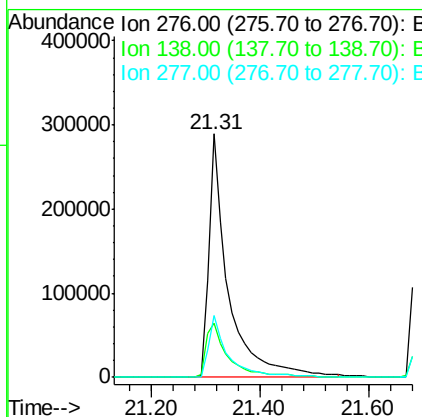
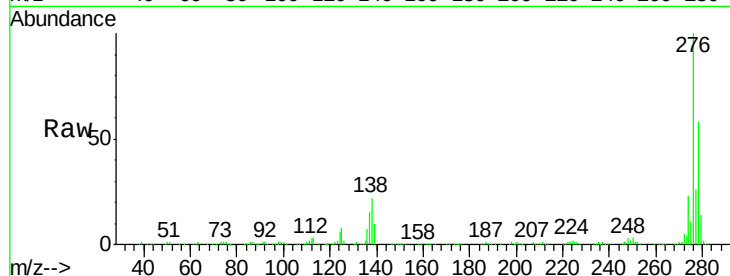




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.33 ng
 RT: 21.31 min Scan# 1726
 Delta R.T. -0.05 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

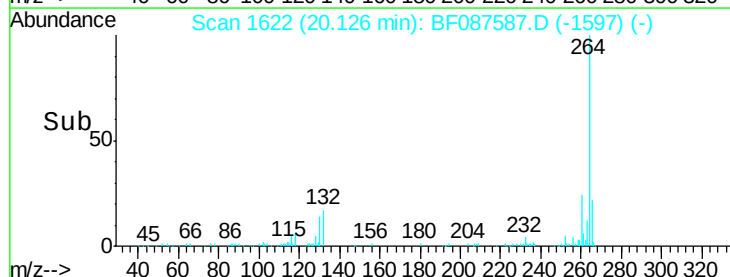
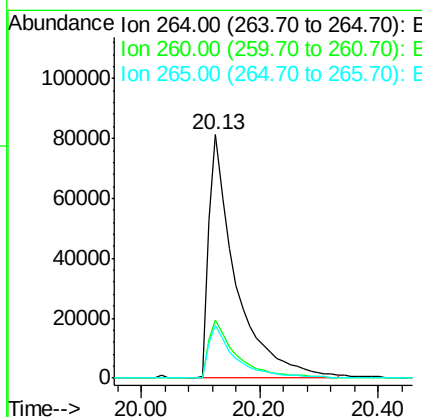
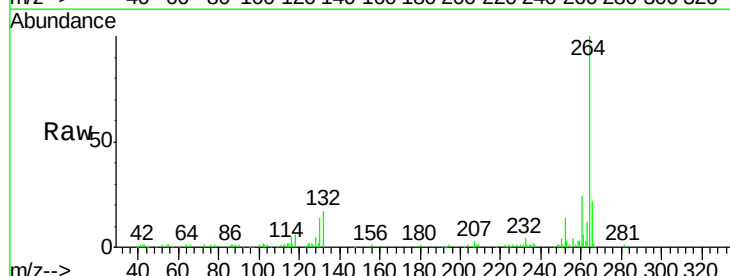
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-48-052616MS

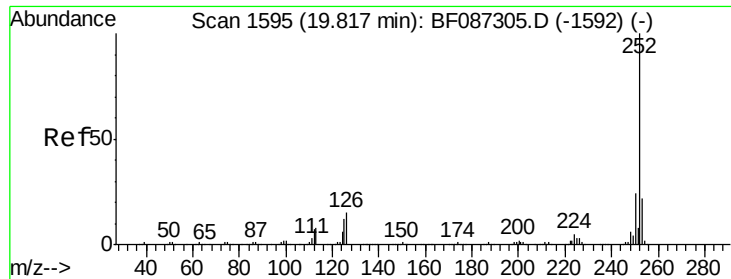
Tgt Ion:	276	Resp:	720396
Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.6	38.4
277	25.8	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF087587.D
 Acq: 31 May 2016 18:29

Tgt Ion:	264	Resp:	255837
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 107.84 ng

RT: 19.69 min Scan# 1584

Delta R.T. -0.03 min

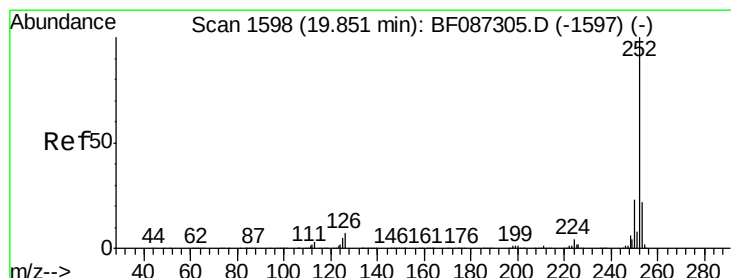
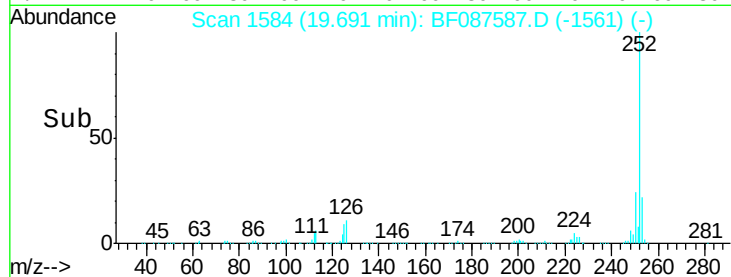
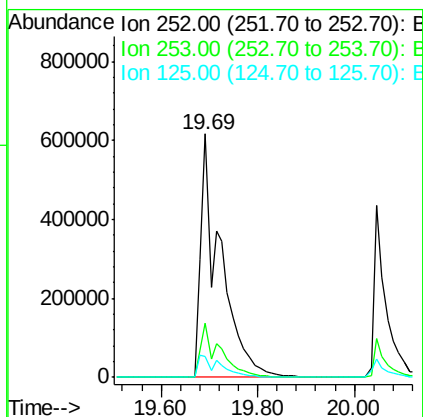
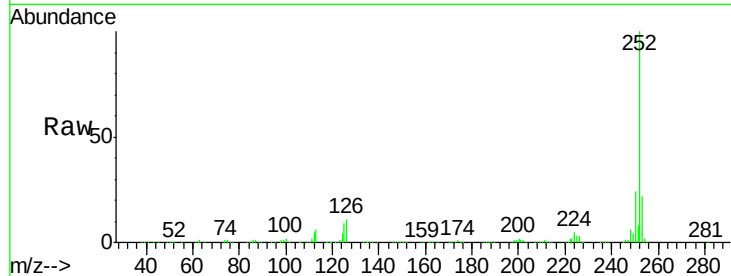
Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616MS

Tgt Ion:252 Resp: 1757443

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.7	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 125.38 ng

RT: 19.69 min Scan# 1584

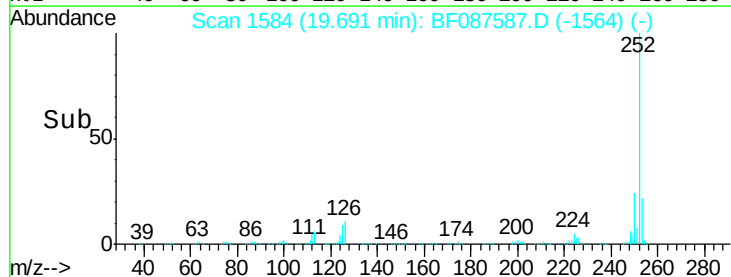
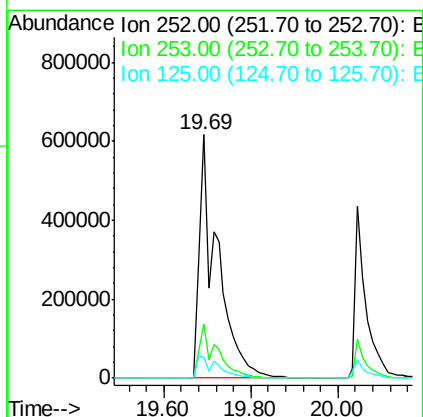
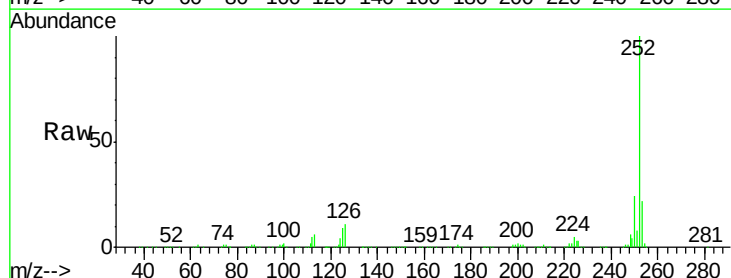
Delta R.T. -0.07 min

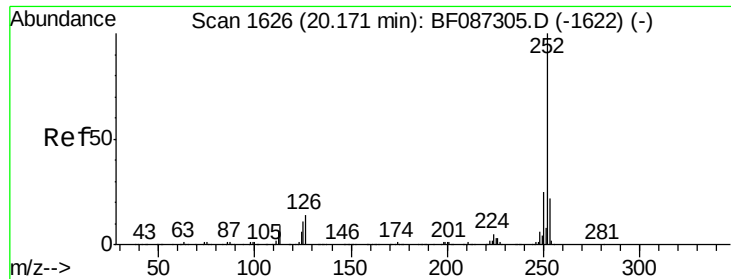
Lab File: BF087587.D

Acq: 31 May 2016 18:29

Tgt Ion:252 Resp: 1758759

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.7	9.1	13.7





#89

Benzo(a)pyrene

Concen: 54.20 ng

RT: 20.05 min Scan# 1615

Delta R.T. -0.03 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS

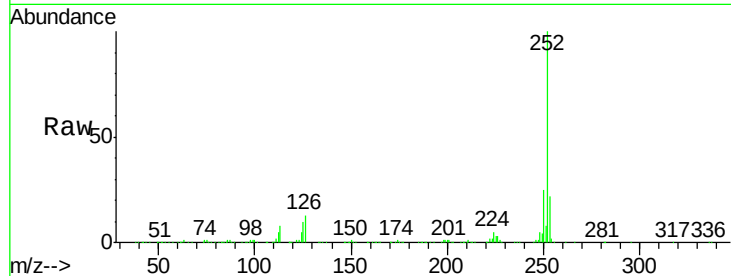
Tgt Ion:252 Resp: 763867

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

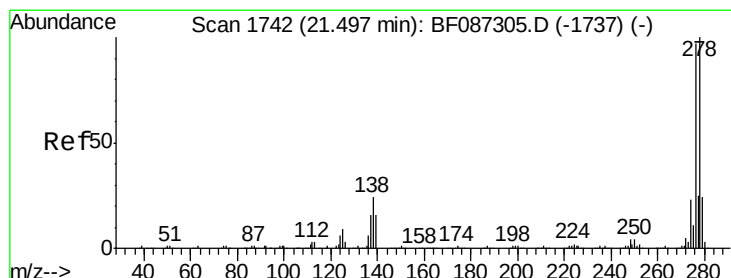
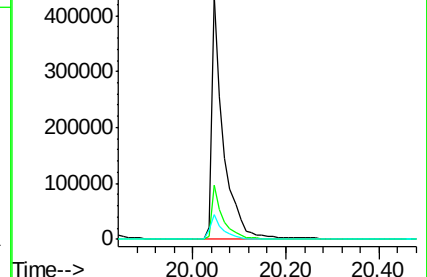
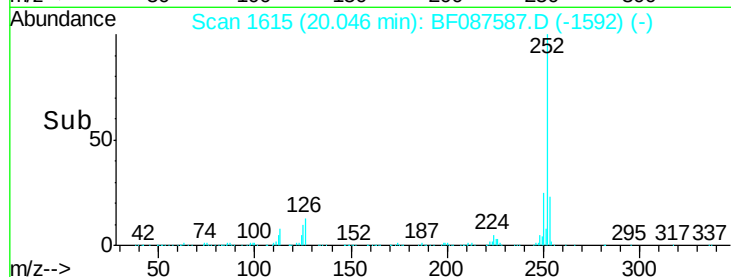
125 10.3 9.0 13.6



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: 51.80 ng

RT: 21.30 min Scan# 1725

Delta R.T. -0.06 min

Lab File: BF087587.D

Acq: 31 May 2016 18:29

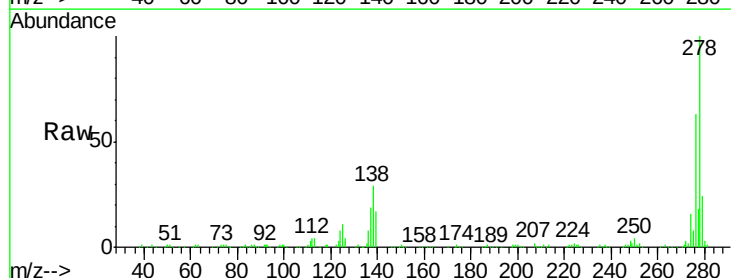
Tgt Ion:278 Resp: 622710

Ion Ratio Lower Upper

278 100

139 17.1 16.6 24.8

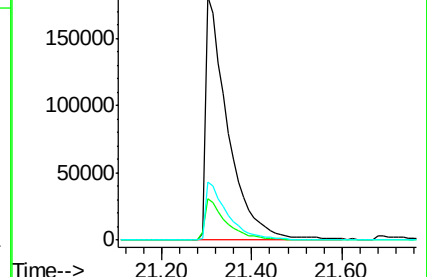
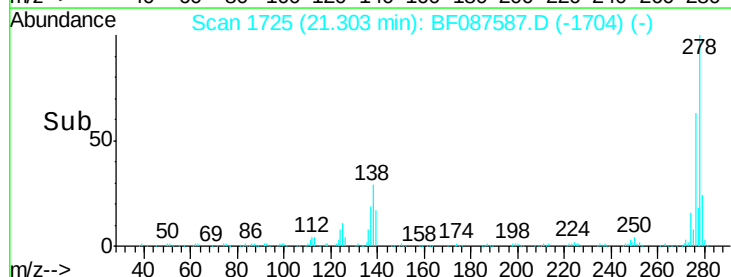
279 23.6 19.6 29.4

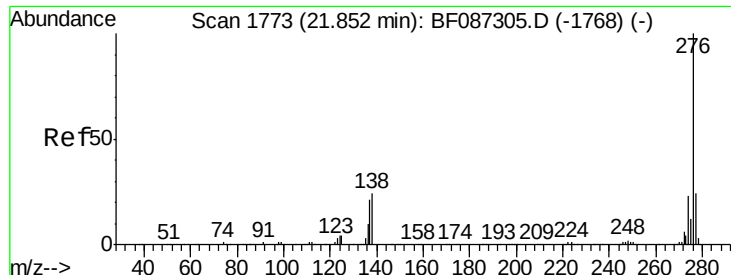


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.33 ng

RT: 21.69 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF087587.D

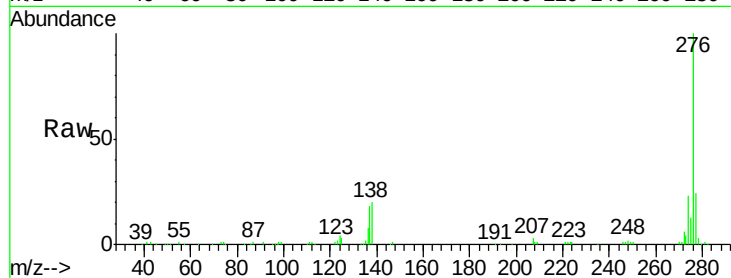
Acq: 31 May 2016 18:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-48-052616MS



Tgt Ion:	276	Resp:	561399
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	20.5	23.6	35.4#

