

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087109.D
 Acq On : 17 May 2016 18:34
 Operator : UM/SJ
 Sample : H3074-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Quant Time: May 18 01:46:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	143991	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	587181	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	282356	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	524611	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	366148	20.00	ng	-0.02
86) Perylene-d12	15.10	264	385996	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1026248	119.80	ng	0.00
7) Phenol-d6	6.27	99	1324346	115.27	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1051899	89.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	441989	141.66	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1734174	101.72	ng	-0.01
78) Terphenyl-d14	12.70	244	1577952	97.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	141121	32.02	ng	# 66
3) Pyridine	2.86	79	158317	14.85	ng	# 67
4) n-Nitrosodimethylamine	2.75	42	300137	39.73	ng	# 50
6) Aniline	6.27	93	110874	7.60	ng	# 1
8) 2-Chlorophenol	6.39	128	411486	39.48	ng	90
9) Benzaldehyde	6.15	77	23388	2.75	ng	96
10) Phenol	6.28	94	479087	33.17	ng	85
11) bis(2-Chloroethyl)ether	6.34	93	405095	37.35	ng	86
12) 1,3-Dichlorobenzene	6.54	146	417137	37.65	ng	99
13) 1,4-Dichlorobenzene	6.62	146	421747	37.20	ng	99
14) 1,2-Dichlorobenzene	6.76	146	392743	39.57	ng	98
15) Benzyl Alcohol	6.76	79	397037	46.42	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.89	45	857493	38.46	ng	66
17) 2-Methylphenol	6.89	107	340995	39.84	ng	# 79
18) Hexachloroethane	7.10	117	163541	37.74	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	341181	39.06	ng	# 67
20) 3+4-Methylphenols	7.05	107	471763	41.78	ng	# 59
22) Acetophenone	7.02	105	610202	42.46	ng	# 97
24) Nitrobenzene	7.19	77	464627	36.12	ng	95
25) Isophorone	7.43	82	893086	41.41	ng	97
26) 2-Nitrophenol	7.51	139	224898	42.20	ng	# 78
27) 2,4-Dimethylphenol	7.56	122	369685	40.65	ng	87
28) bis(2-Chloroethoxy)methane	7.64	93	515995	43.58	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	358398	44.72	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	369691	41.57	ng	97
31) Naphthalene	7.91	128	1261728	43.98	ng	100
32) Benzoic acid	7.74	122	246300	45.44	ng	# 79
33) 4-Chloroaniline	7.98	127	81569	6.84	ng	# 91
34) Hexachlorobutadiene	8.02	225	206040	40.83	ng	98
35) Caprolactam	8.36	113	57983	21.73	ng	# 66
36) 4-Chloro-3-methylphenol	8.48	107	397896	41.16	ng	90
37) 2-Methylnaphthalene	8.70	142	780008	42.50	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	353529	42.87	ng	98
40) Hexachlorocyclopentadiene	8.75	237	261698	81.96	ng	93

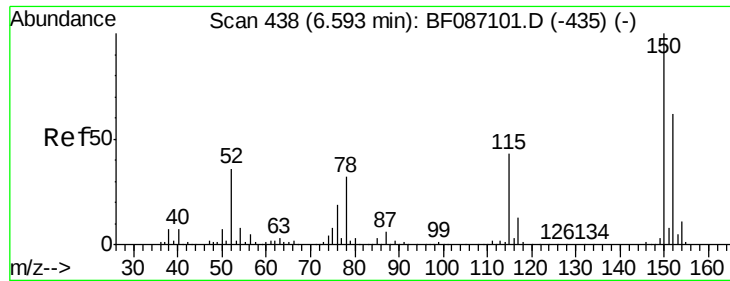
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	233927	43.74	ng	93
43) 2,4,5-Trichlorophenol	8.94	196	227360	40.92	ng #	74
45) 1,1'-Biphenyl	9.06	154	939744	40.14	ng	96
46) 2-Chloronaphthalene	9.08	162	734859	40.89	ng	94
47) 2-Nitroaniline	9.20	65	317181	46.05	ng	84
48) Acenaphthylene	9.50	152	1134452	41.33	ng	99
49) Dimethylphthalate	9.38	163	977650	45.39	ng	99
50) 2,6-Dinitrotoluene	9.44	165	180351	38.56	ng #	71
51) Acenaphthene	9.67	154	736850	42.97	ng	97
52) 3-Nitroaniline	9.61	138	36721	7.25	ng #	81
53) 2,4-Dinitrophenol	9.72	184	227001	84.43	ng #	78
54) Dibenzofuran	9.84	168	981924	44.29	ng	93
55) 4-Nitrophenol	9.84	139	675141	127.29	ng #	20
56) 2,4-Dinitrotoluene	9.85	165	288566	48.17	ng #	80
57) Fluorene	10.18	166	788803	44.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	202461	46.79	ng	98
59) Diethylphthalate	10.08	149	968362	47.09	ng	95
60) 4-Chlorophenyl-phenylether	10.18	204	385897	45.70	ng #	79
61) 4-Nitroaniline	10.23	138	187447	37.50	ng #	72
62) Azobenzene	10.34	77	1066305	45.00	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	151569	43.87	ng	90
65) n-Nitrosodiphenylamine	10.31	169	784036	47.49	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	224802	41.67	ng	96
67) Hexachlorobenzene	10.73	284	288877	46.19	ng	98
68) Atrazine	10.84	200	238891	44.36	ng	95
69) Pentachlorophenol	10.94	266	265616	113.04	ng	98
70) Phenanthrene	11.14	178	1275453	44.83	ng	99
71) Anthracene	11.19	178	1233138	42.85	ng	100
72) Carbazole	11.35	167	1120673	42.63	ng	98
73) Di-n-butylphthalate	11.69	149	1530035	50.67	ng	99
74) Fluoranthene	12.32	202	1351984	47.43	ng	95
76) Benzidine	12.46	184	44750	4.19	ng	97
77) Pyrene	12.55	202	1386659	52.42	ng	100
79) Butylbenzylphthalate	13.18	149	654384	58.60	ng	90
80) Benzo(a)anthracene	13.73	228	1073644	50.71	ng	100
81) 3,3'-Dichlorobenzidine	13.70	252	154679	11.48	ng #	96
82) Chrysene	13.77	228	1143160	55.81	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	794095	58.43	ng	98
84) Di-n-octyl phthalate	14.34	149	1350123	57.67	ng #	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	898512	49.97	ng	95
87) Benzo(b)fluoranthene	14.73	252	2021803	78.95	ng #	97
88) Benzo(k)fluoranthene	14.73	252	2021803	106.05	ng	100
89) Benzo(a)pyrene	15.05	252	969680	45.30	ng #	96
90) Dibenzo(a,h)anthracene	16.35	278	757308	42.02	ng #	92
91) Benzo(g,h,i)perylene	16.71	276	734703	40.36	ng	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

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HSR-WC-44-051216MS

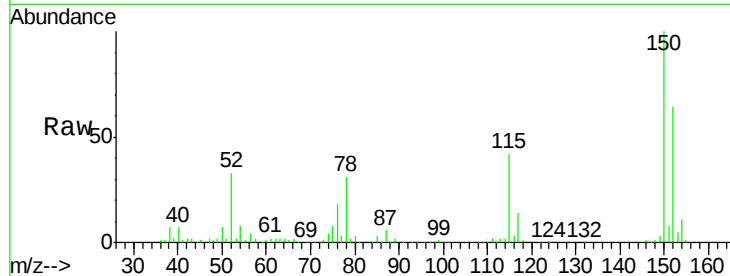
Tgt Ion:152 Resp: 143991

Ion Ratio Lower Upper

152 100

150 155.9 125.8 188.6

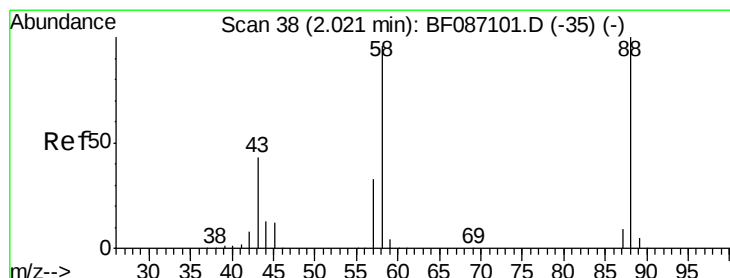
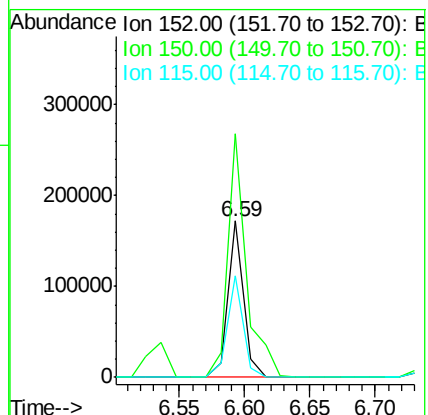
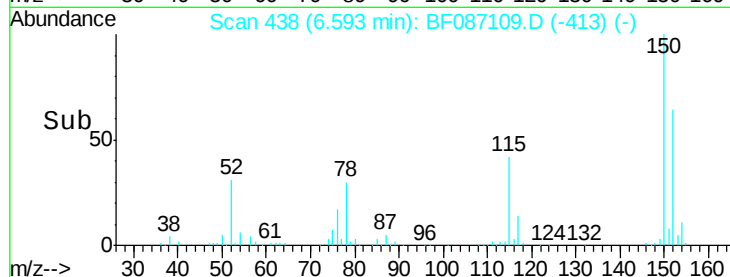
115 65.0 51.5 77.3



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: 32.02 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.16 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

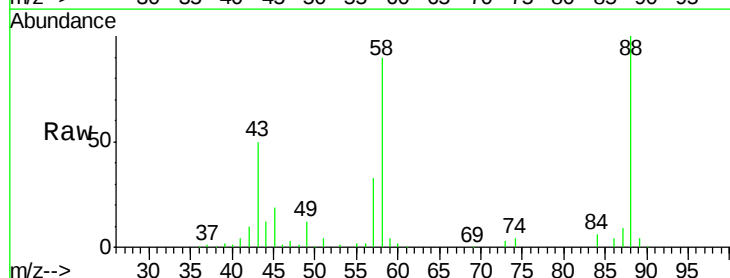
Tgt Ion: 88 Resp: 141121

Ion Ratio Lower Upper

88 100

58 97.9 59.6 89.4#

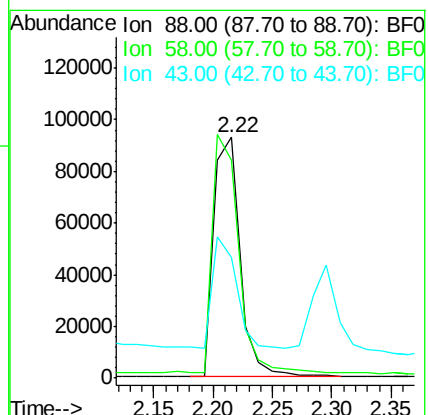
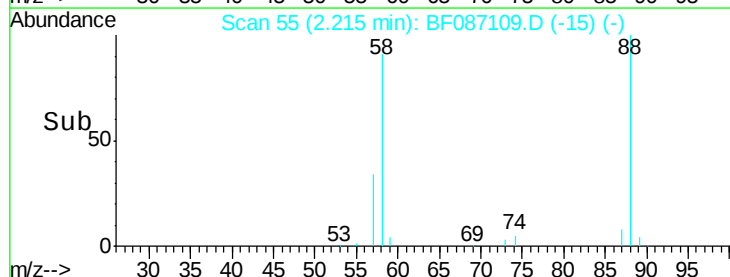
43 0.0 21.8 32.6#

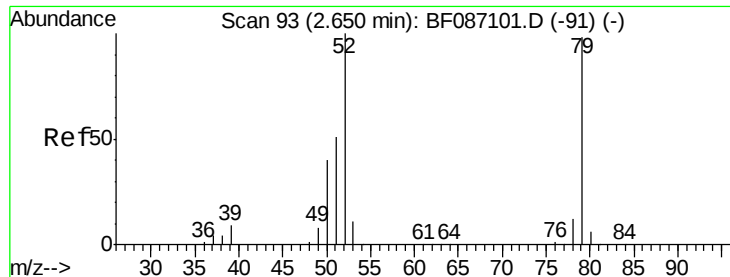


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 14.85 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.17 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

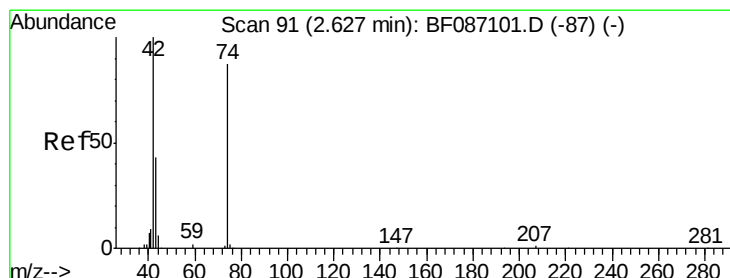
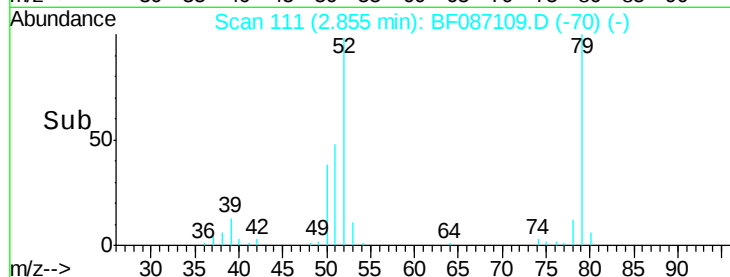
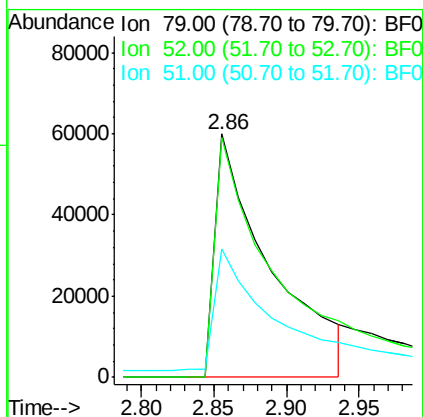
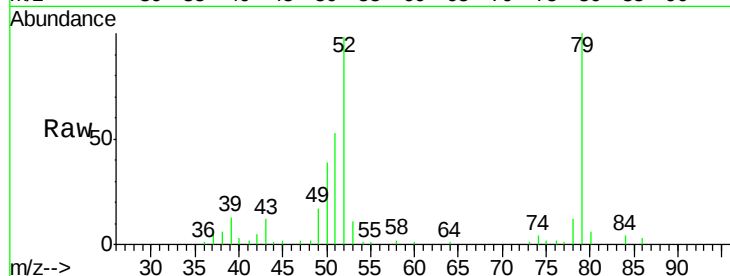
Tgt Ion: 79 Resp: 158317

Ion Ratio Lower Upper

79 100

52 98.3 55.9 83.9#

51 53.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.73 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

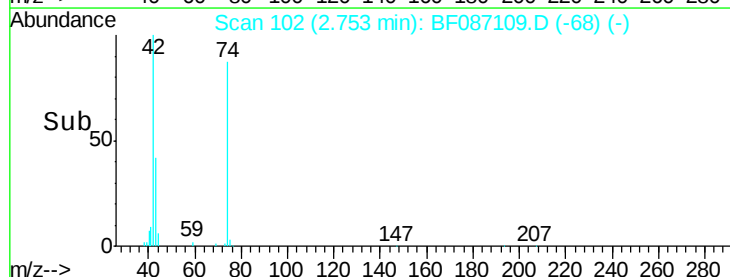
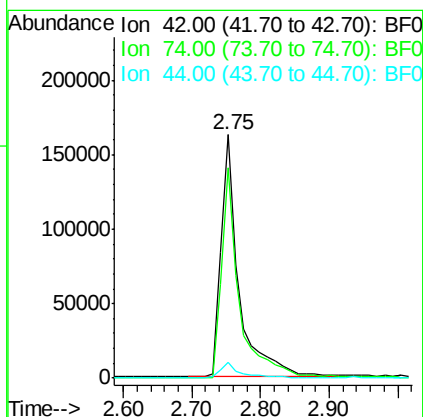
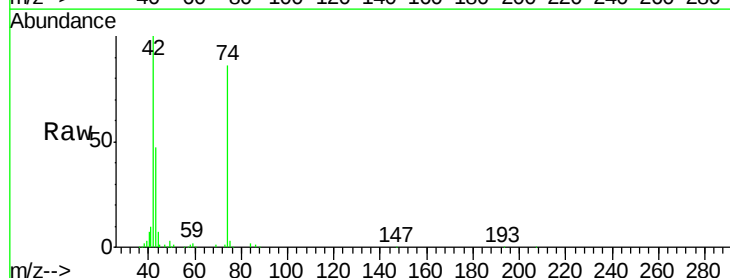
Tgt Ion: 42 Resp: 300137

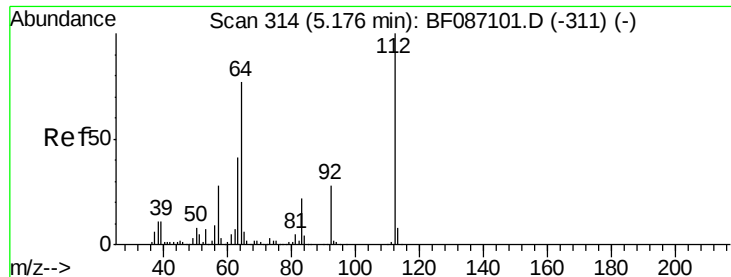
Ion Ratio Lower Upper

42 100

74 86.3 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 119.80 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087109.D

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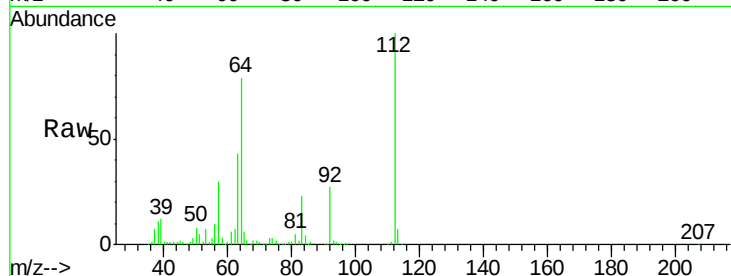
Tgt Ion:112 Resp: 1026248

Ion Ratio Lower Upper

112 100

64 79.2 52.1 78.1#

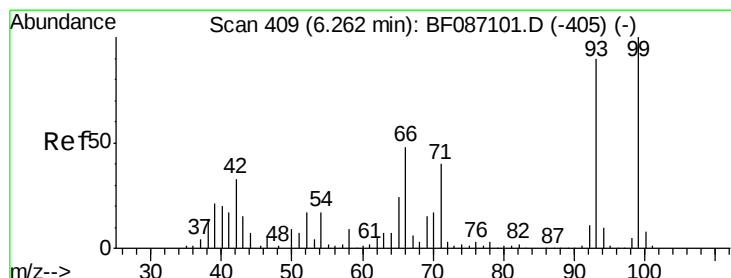
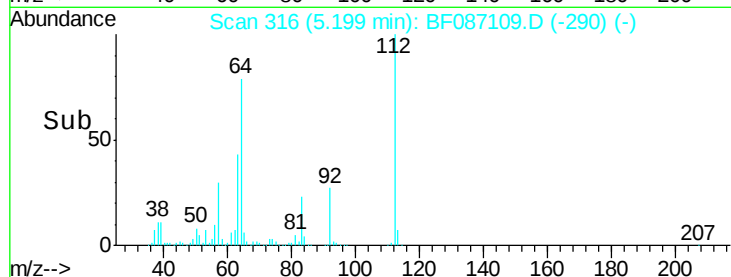
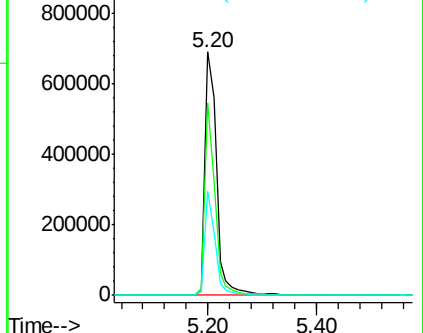
63 42.9 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.60 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

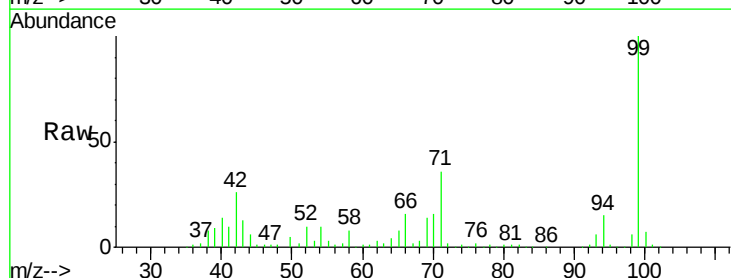
Tgt Ion: 93 Resp: 110874

Ion Ratio Lower Upper

93 100

66 241.2 39.0 58.6#

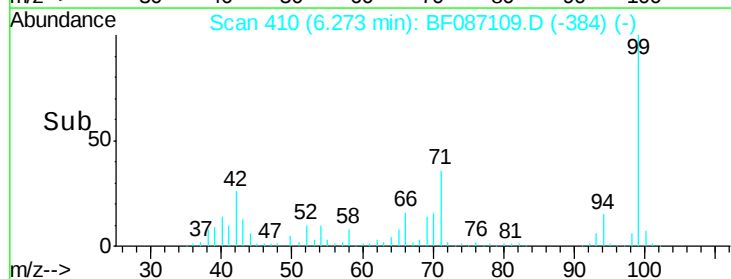
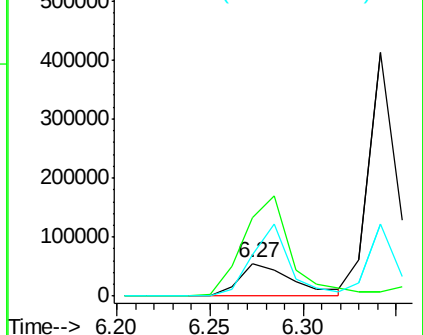
65 126.7 20.6 31.0#

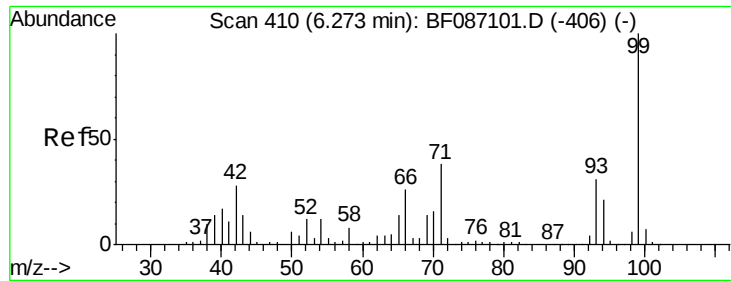


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.27 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

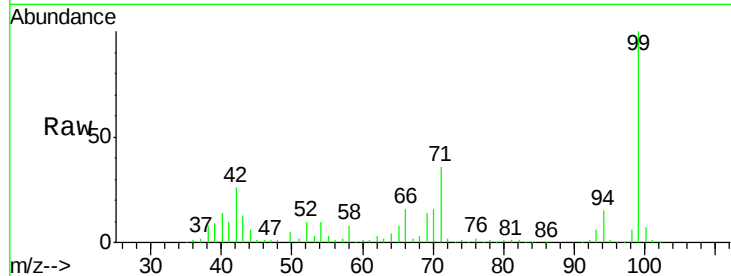
BNA_F

ClientSampleId :

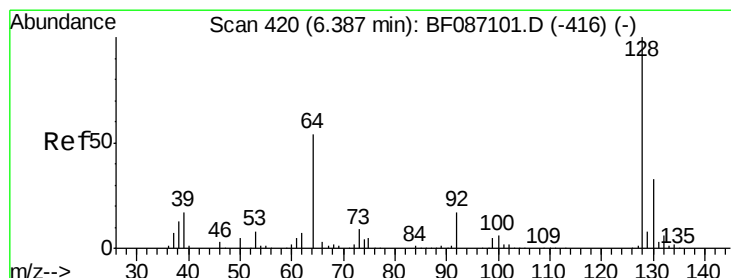
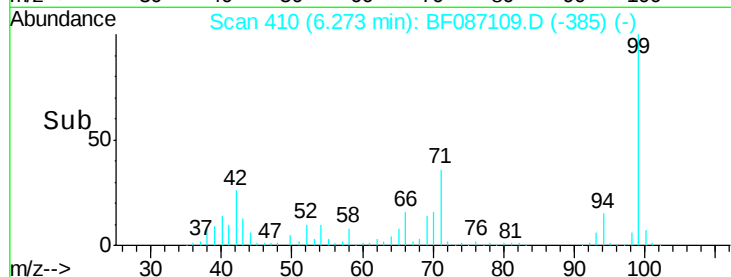
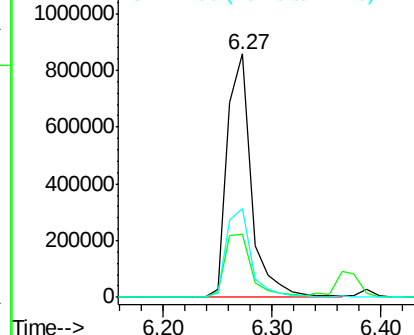
HSR-WC-44-051216MS

Tgt Ion: 99 Resp: 1324346

Ion	Ratio	Lower	Upper
99	100		
42	26.0	13.6	20.4#
71	36.3	24.6	36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.48 ng

RT: 6.39 min Scan# 420

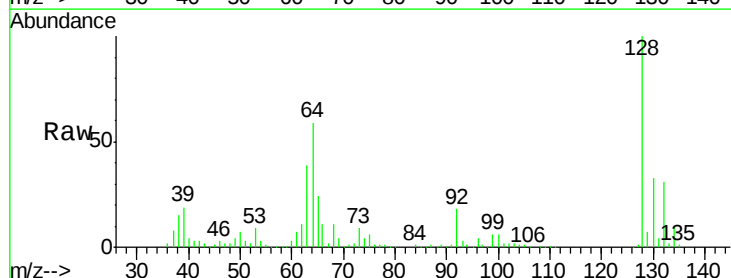
Delta R.T. -0.01 min

Lab File: BF087109.D

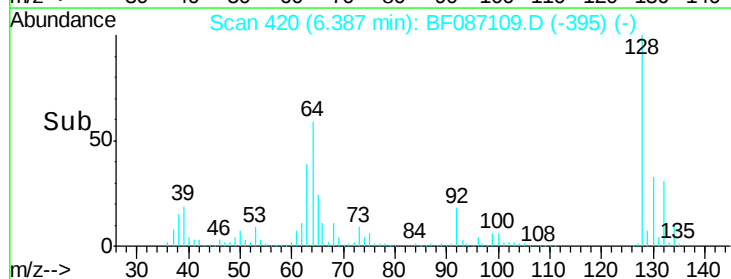
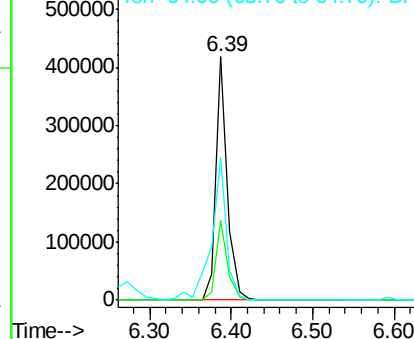
Acq: 17 May 2016 18:34

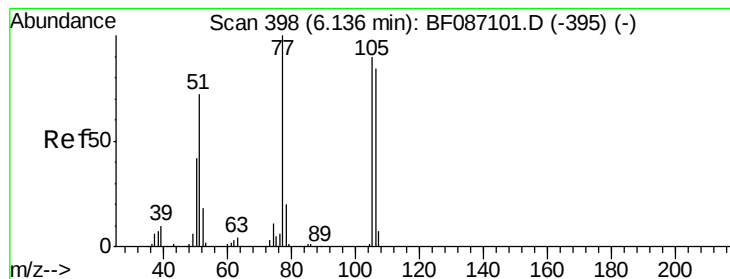
Tgt Ion: 128 Resp: 411486

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	58.6	27.3	67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF087109.D

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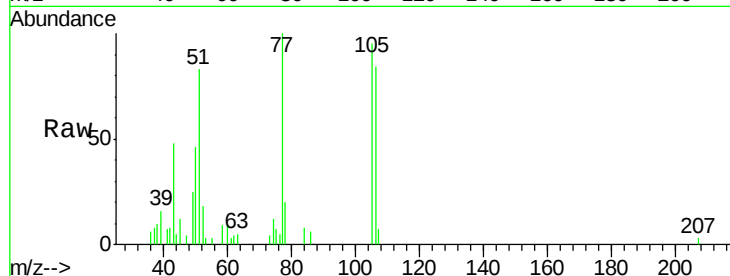
Tgt Ion: 77 Resp: 23388

Ion Ratio Lower Upper

77 100

105 94.7 72.7 112.7

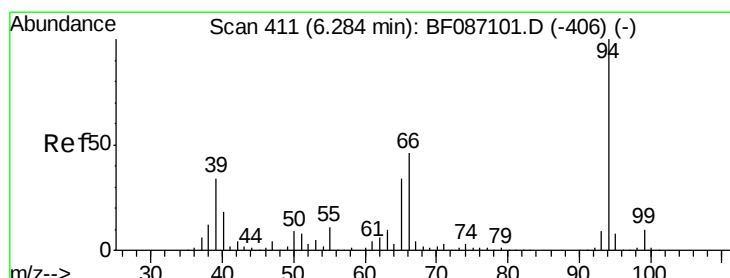
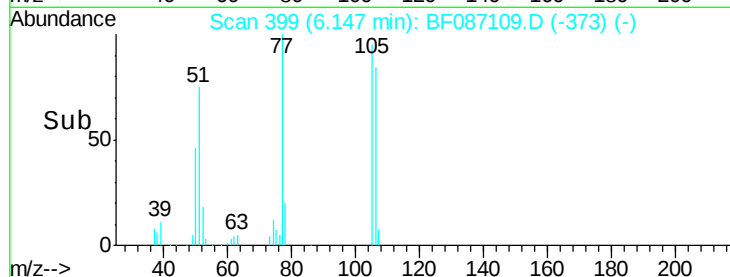
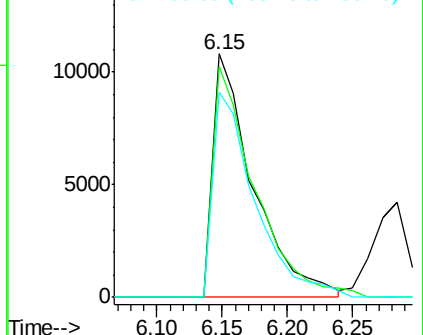
106 84.5 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.17 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

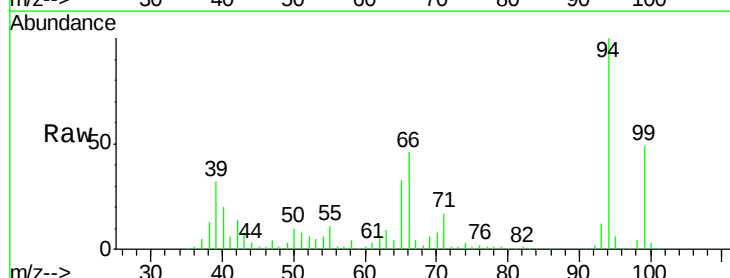
Tgt Ion: 94 Resp: 479087

Ion Ratio Lower Upper

94 100

65 32.6 7.2 47.2

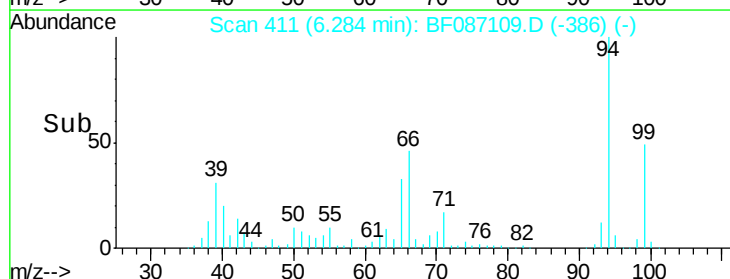
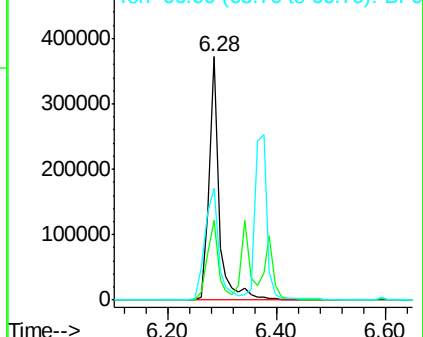
66 45.7 14.9 54.9

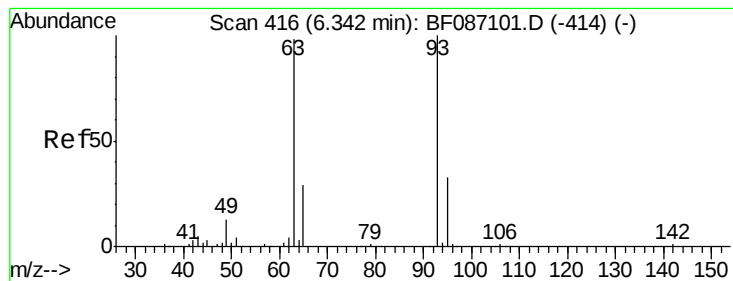


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.35 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

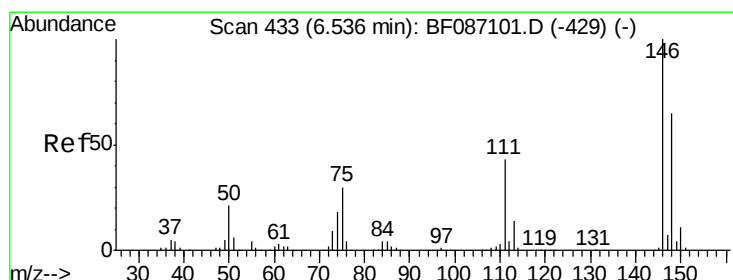
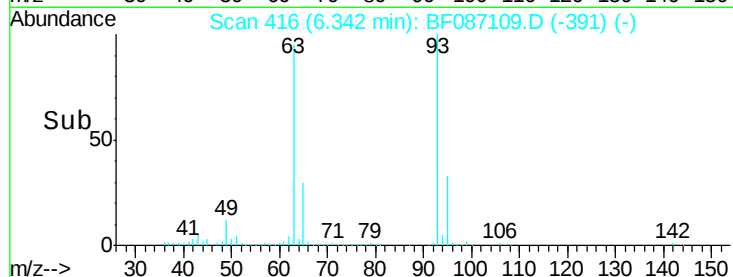
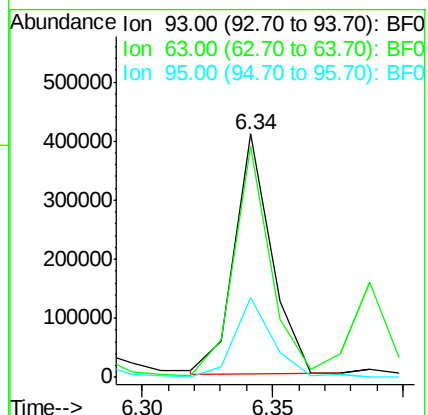
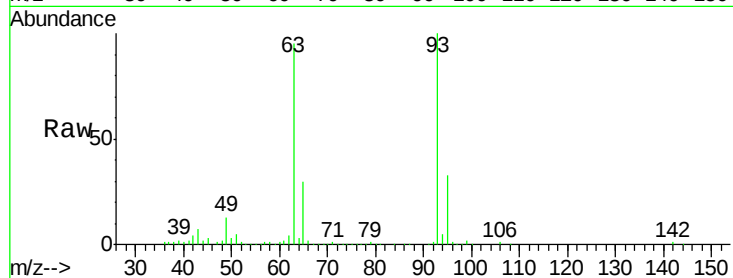
Tgt Ion: 93 Resp: 405095

Ion Ratio Lower Upper

93 100

63 94.7 58.0 98.0

95 32.6 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 37.65 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

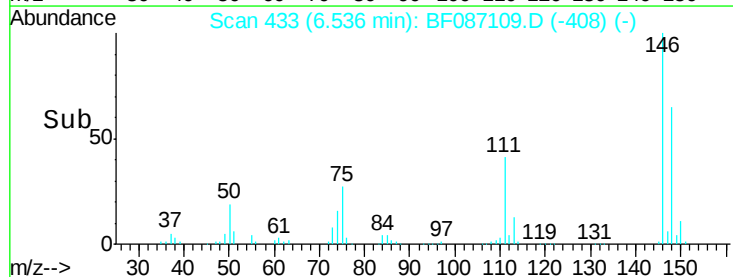
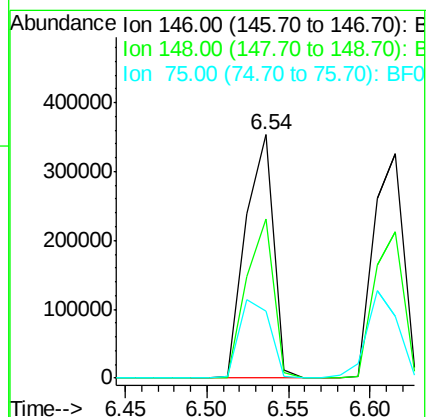
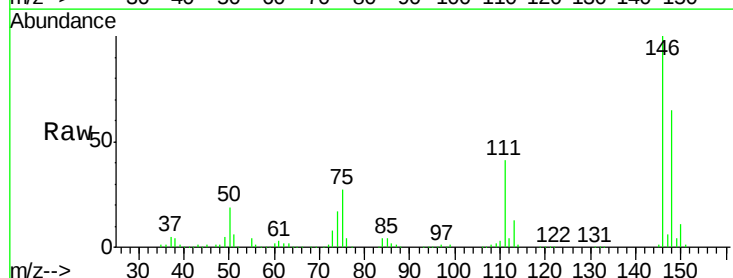
Tgt Ion: 146 Resp: 417137

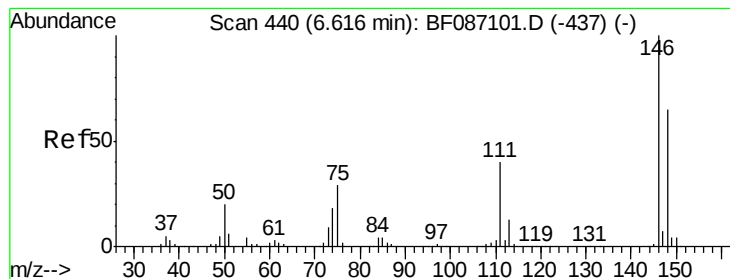
Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

75 27.4 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 37.20 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

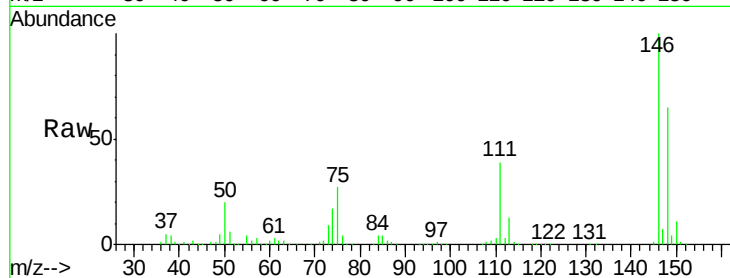
Tgt Ion:146 Resp: 421747

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

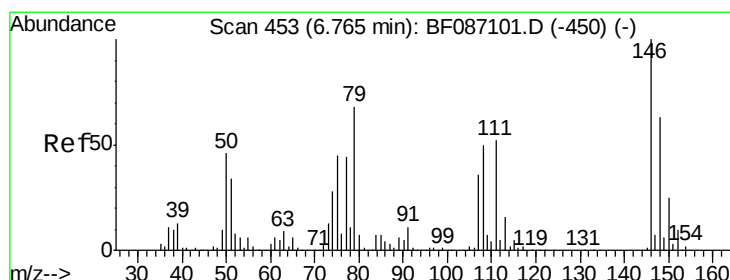
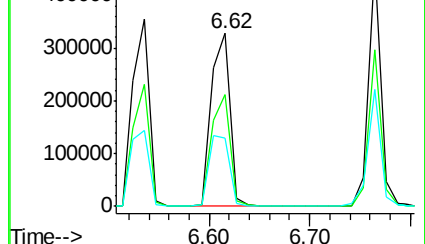
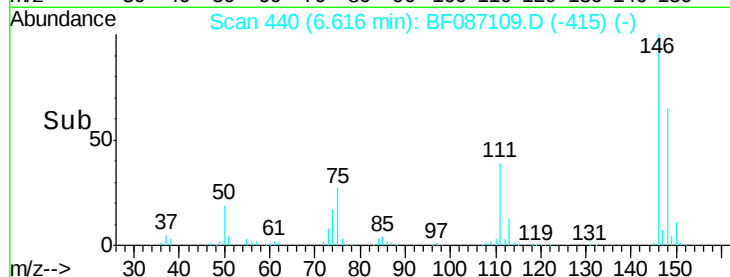
111 39.5 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.57 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

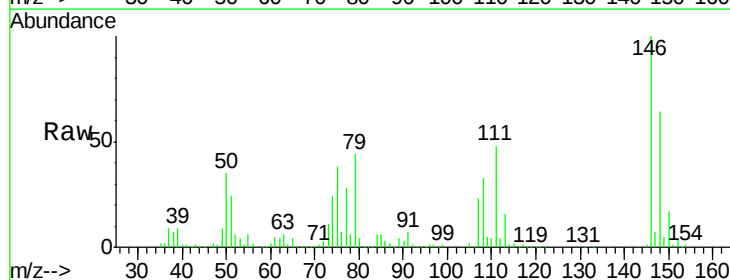
Tgt Ion:146 Resp: 392743

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

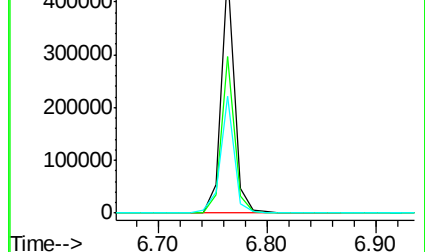
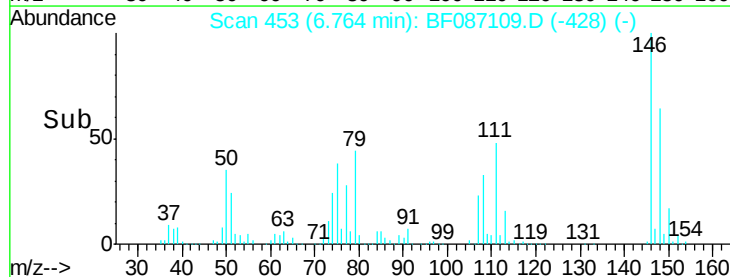
111 48.1 36.2 54.4

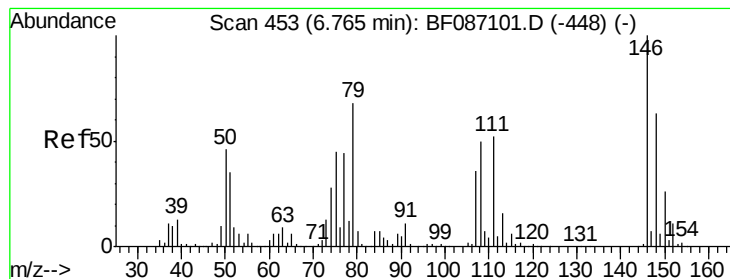


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.42 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

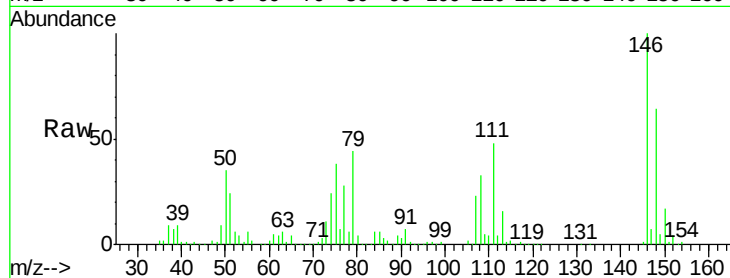
Tgt Ion: 79 Resp: 397037

Ion Ratio Lower Upper

79 100

108 75.6 68.4 102.6

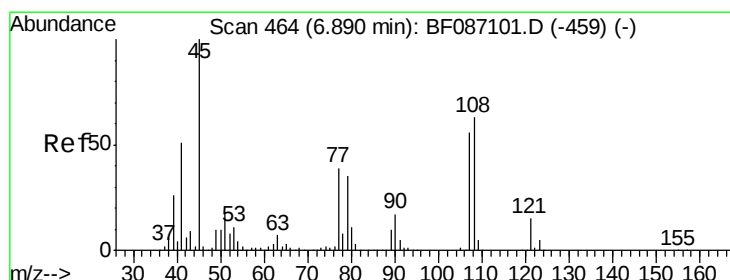
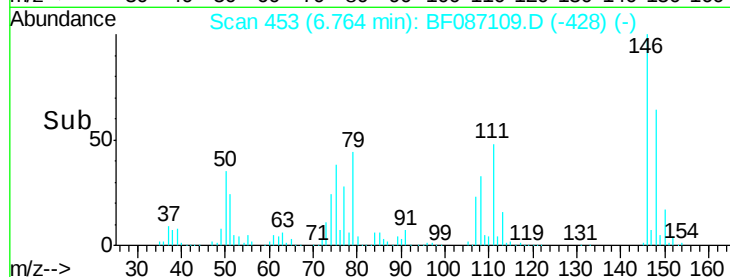
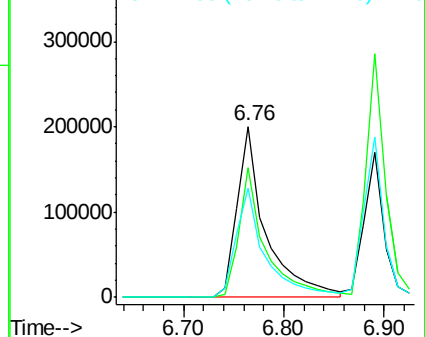
77 63.9 50.6 76.0



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: 38.46 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

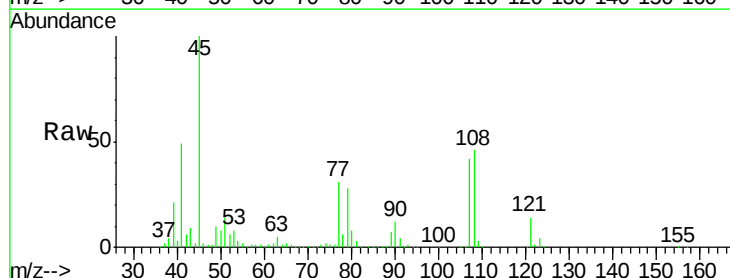
Tgt Ion: 45 Resp: 857493

Ion Ratio Lower Upper

45 100

77 30.7 0.0 36.4

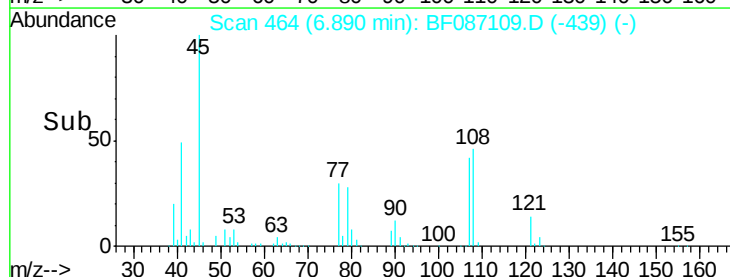
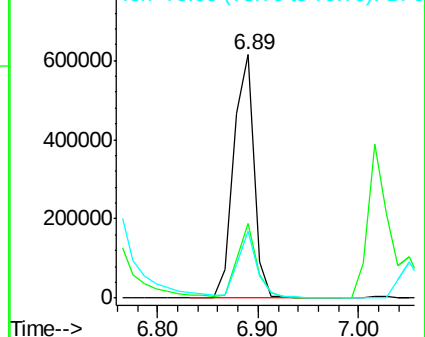
79 27.6 0.0 33.4

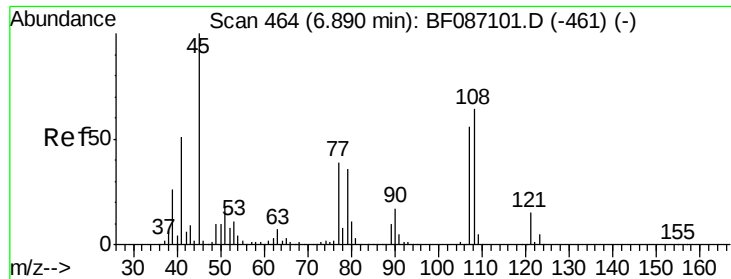


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

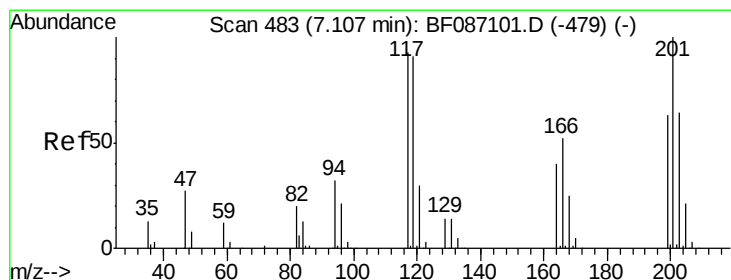
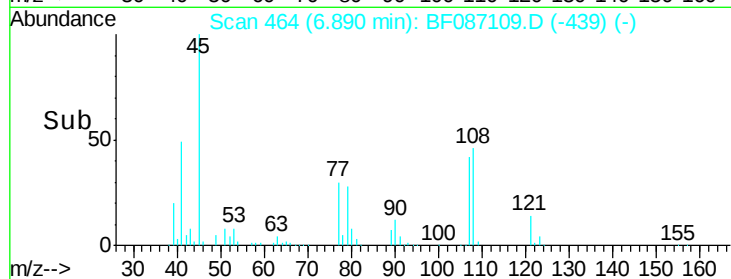
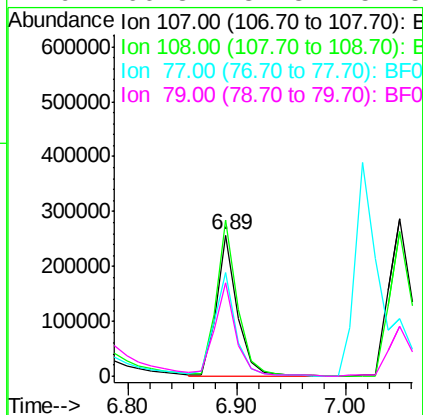
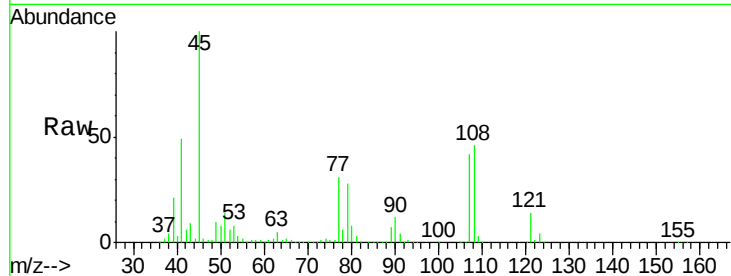




#17
2-Methylphenol
Concen: 39.84 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

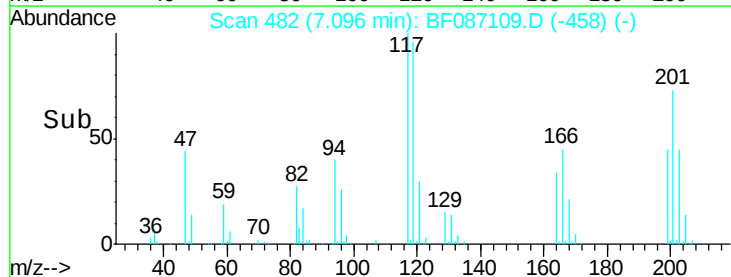
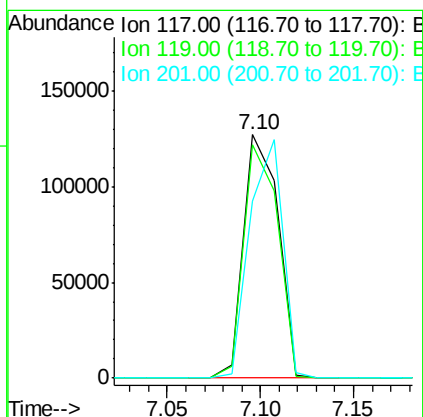
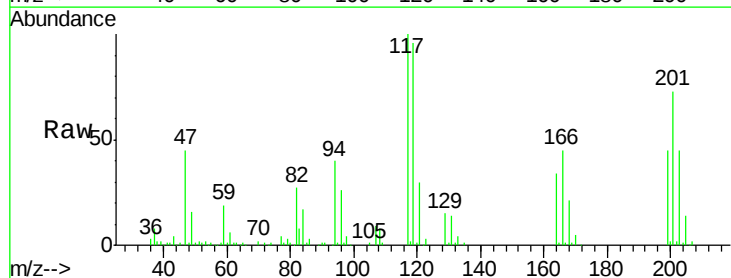
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

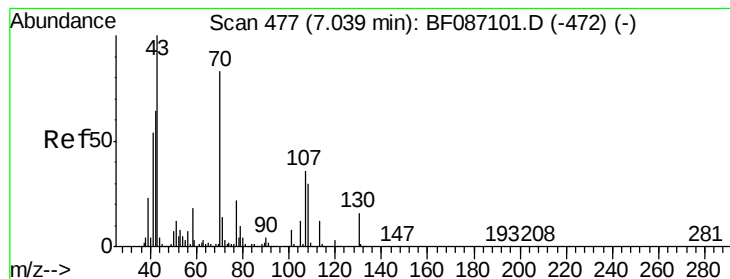
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.3	93.7	140.5
77	73.5	33.4	50.0#
79	66.3	34.3	51.5#



#18
Hexachloroethane
Concen: 37.74 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	72.5	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 39.06 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tgt Ion: 70 Resp: 341181

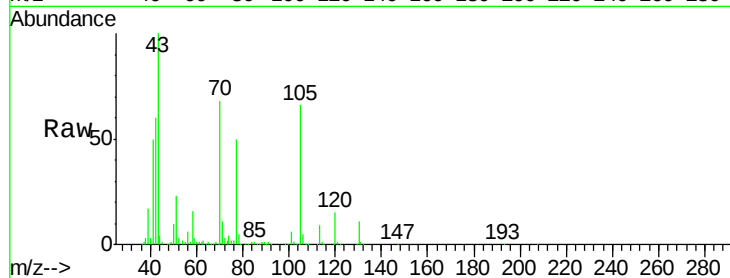
Ion Ratio Lower Upper

70 100

42 87.5 43.1 64.7#

101 8.5 8.1 12.1

130 16.7 18.6 28.0#

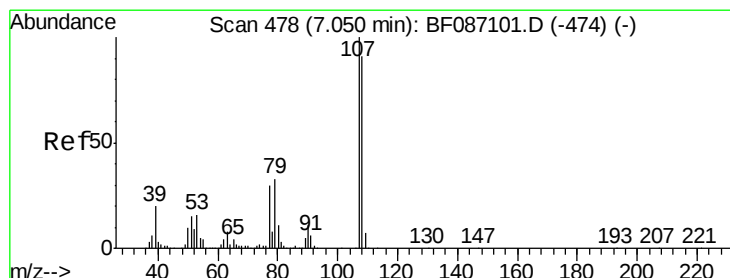
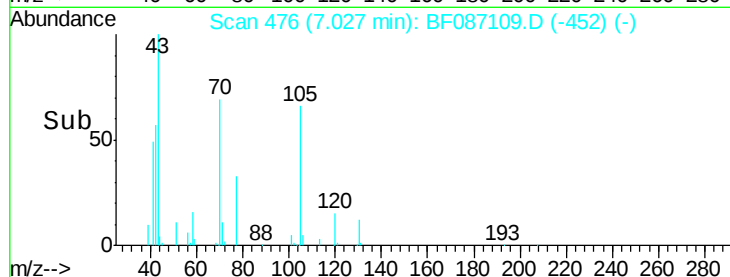
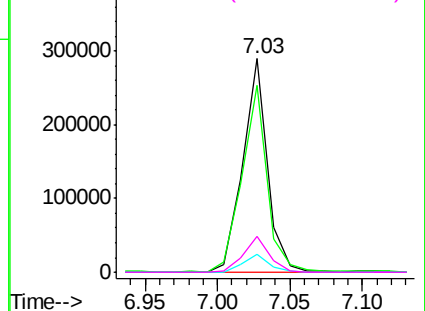


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 41.78 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Tgt Ion: 107 Resp: 471763

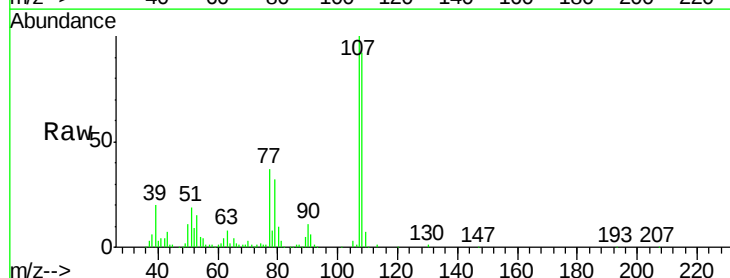
Ion Ratio Lower Upper

107 100

108 92.1 68.5 108.5

77 36.7 101.6 141.6#

79 31.9 7.4 47.4

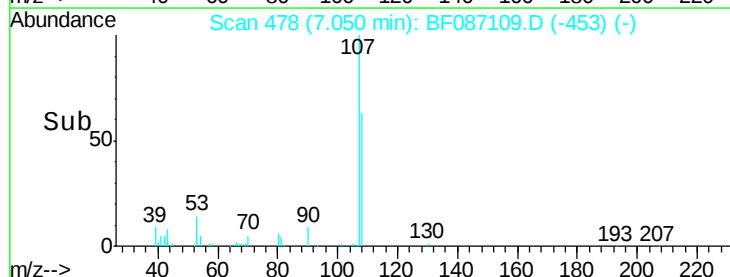
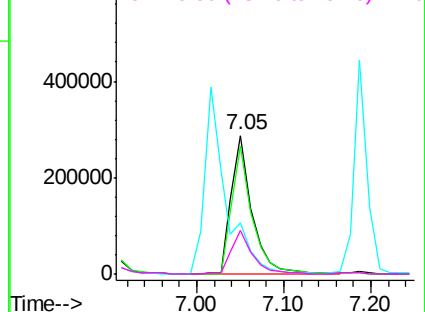


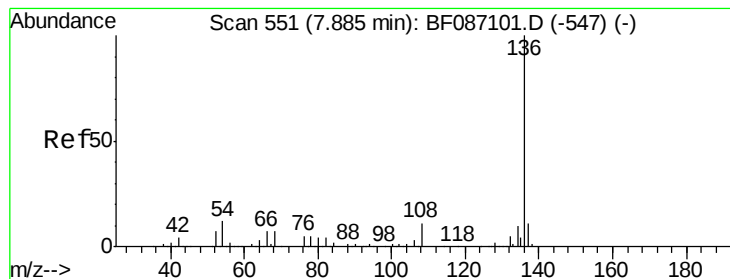
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tgt Ion:136 Resp: 587181

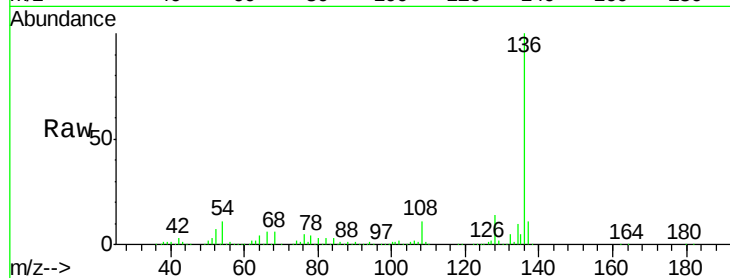
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.5 5.0 7.4#

68 5.7 4.4 6.6

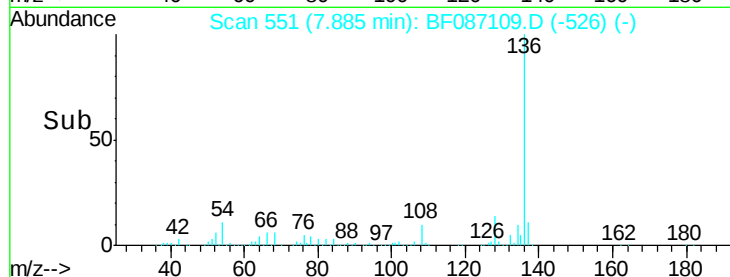


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

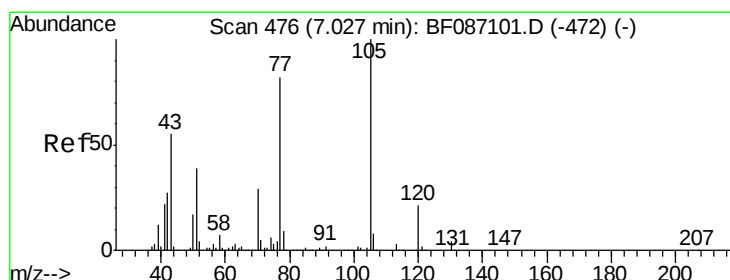
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.88



#22

Acetophenone

Concen: 42.46 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Tgt Ion:105 Resp: 610202

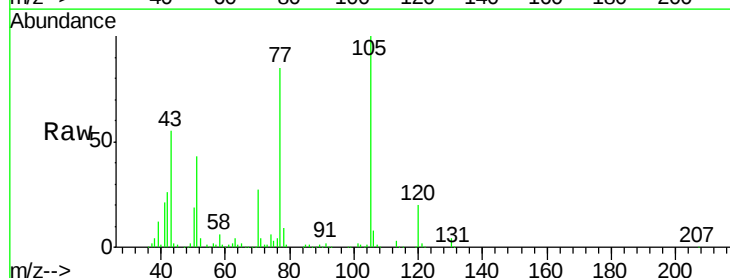
Ion Ratio Lower Upper

105 100

71 4.5 4.8 7.2#

51 43.4 32.6 49.0

120 20.0 16.5 24.7

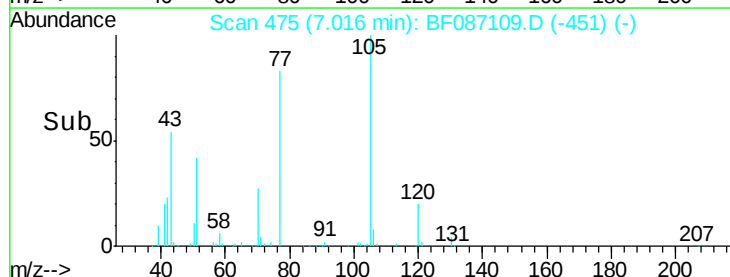


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

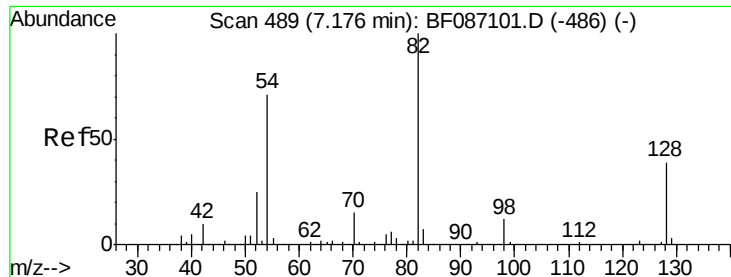
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

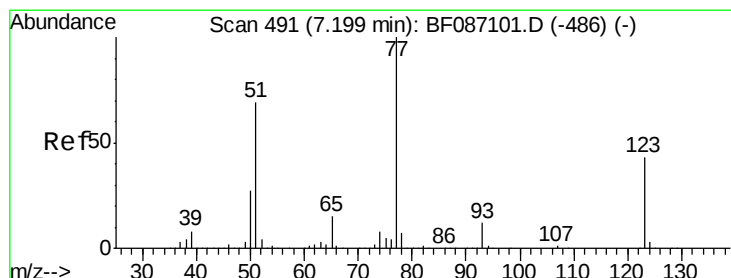
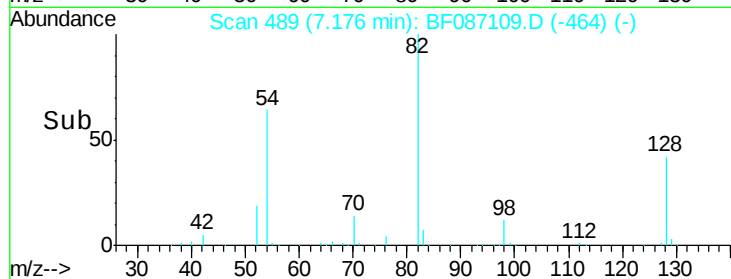
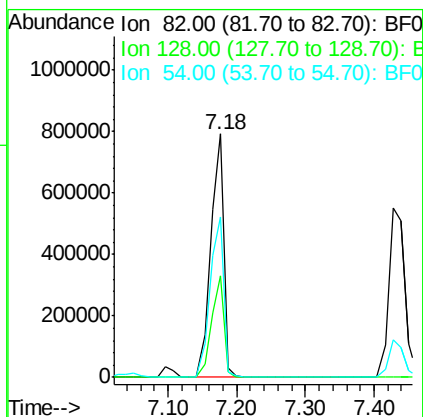
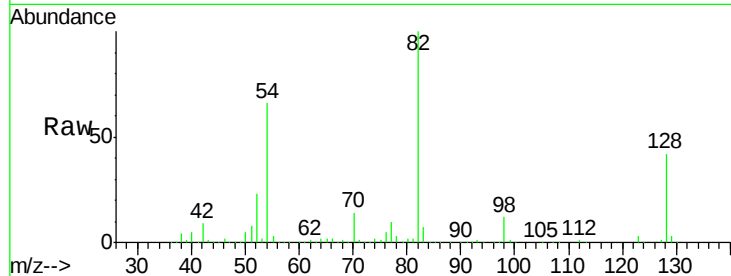
7.02



#23
Nitrobenzene-d5
Concen: 89.28 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

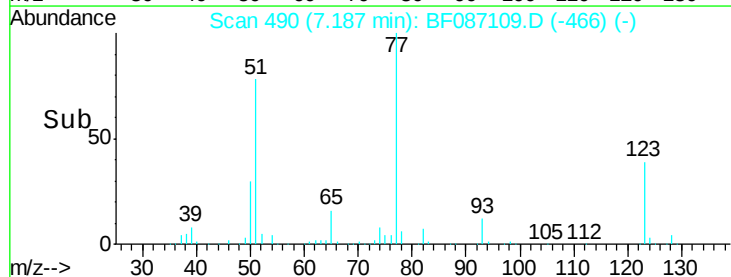
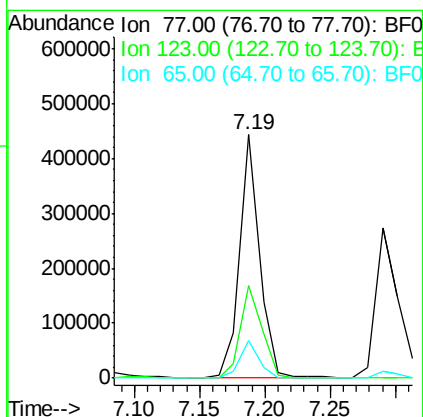
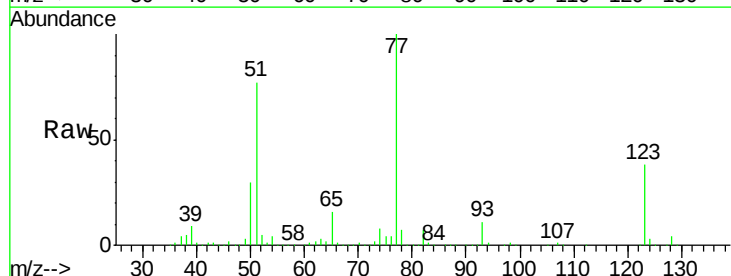
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

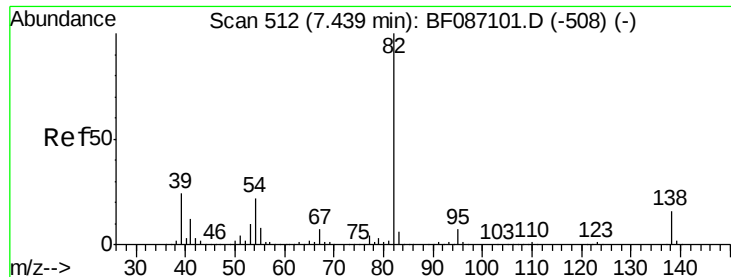
Tgt Ion: 82 Resp: 1051899
Ion Ratio Lower Upper
82 100
128 41.8 40.6 61.0
54 66.1 38.1 57.1#



#24
Nitrobenzene
Concen: 36.12 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion: 77 Resp: 464627
Ion Ratio Lower Upper
77 100
123 38.1 33.0 49.4
65 15.6 10.8 16.2





#25

Isophorone

Concen: 41.41 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

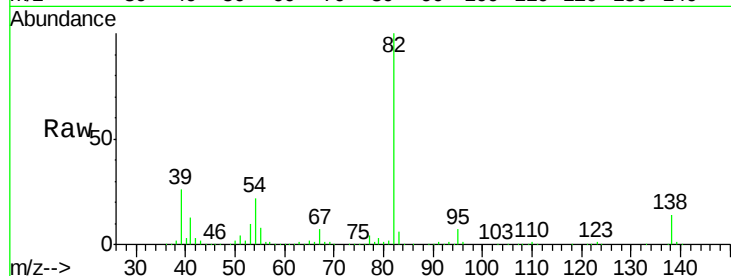
Tgt Ion: 82 Resp: 893086

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

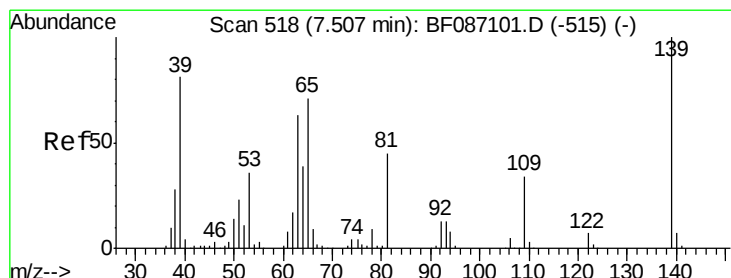
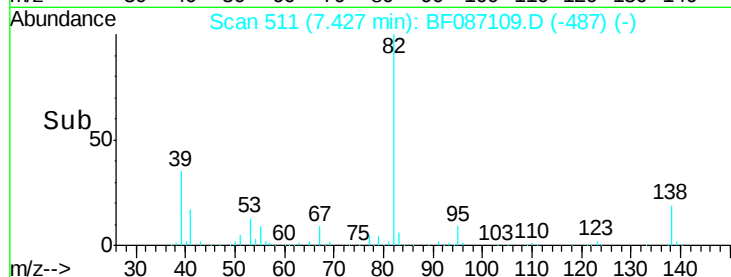
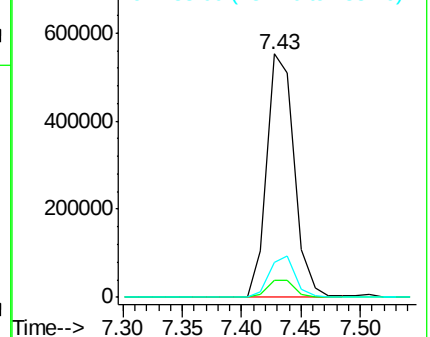
138 14.3 12.4 18.6



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: 42.20 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

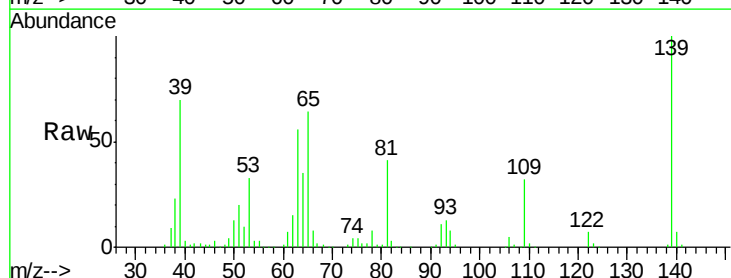
Tgt Ion: 139 Resp: 224898

Ion Ratio Lower Upper

139 100

109 32.4 19.5 29.3#

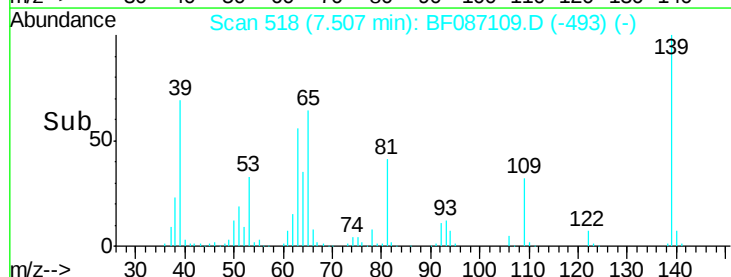
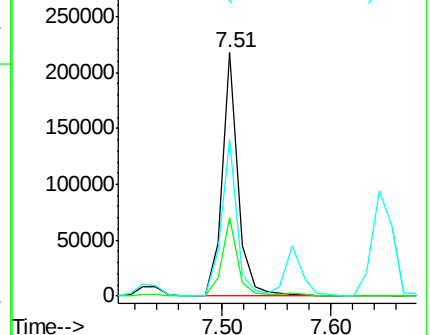
65 64.1 37.5 56.3#

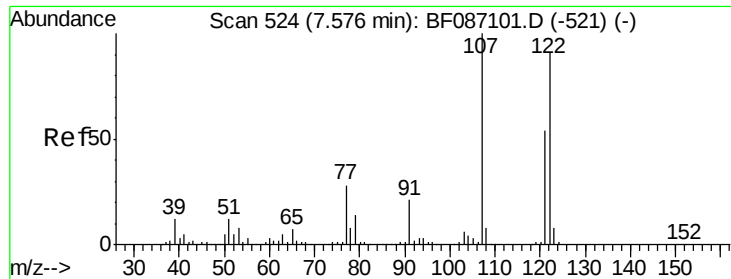


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

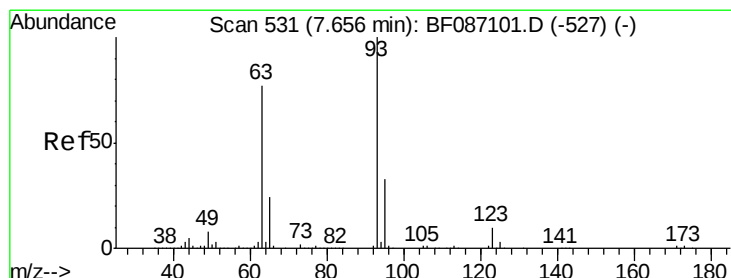
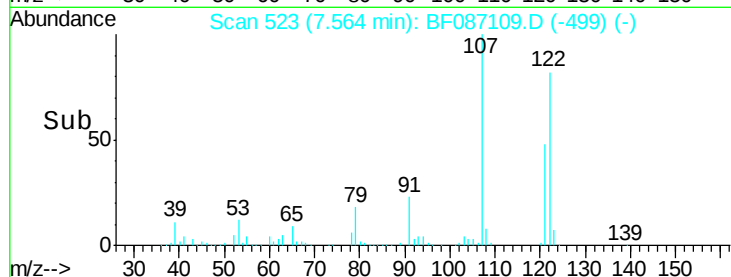
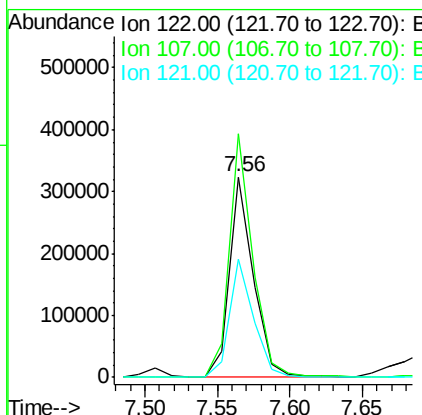
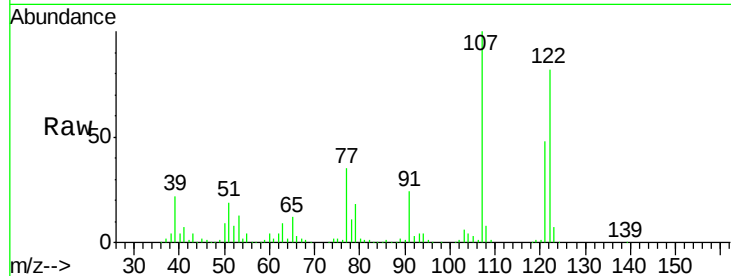




#27
2,4-Dimethylphenol
Concen: 40.65 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

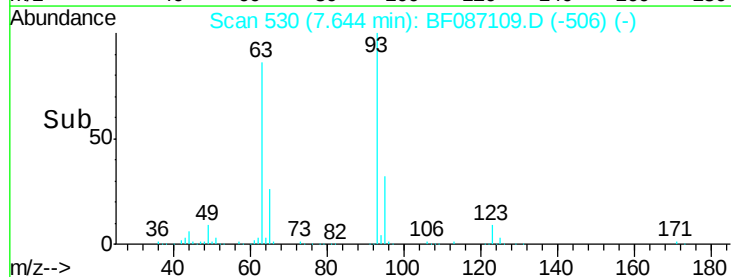
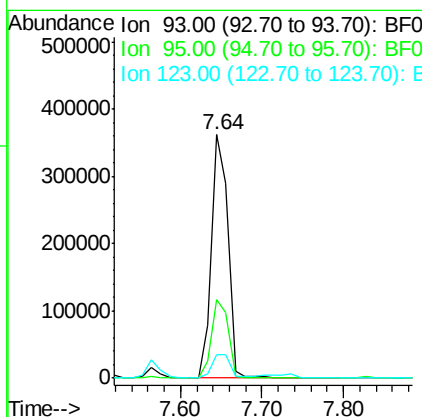
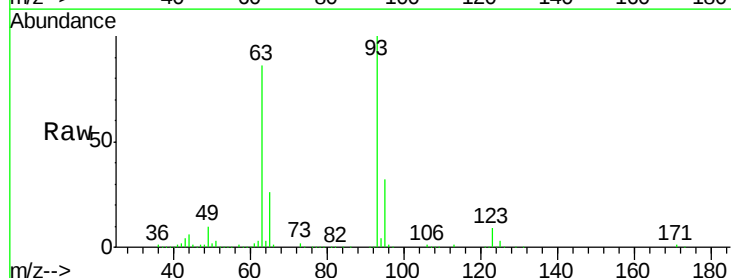
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

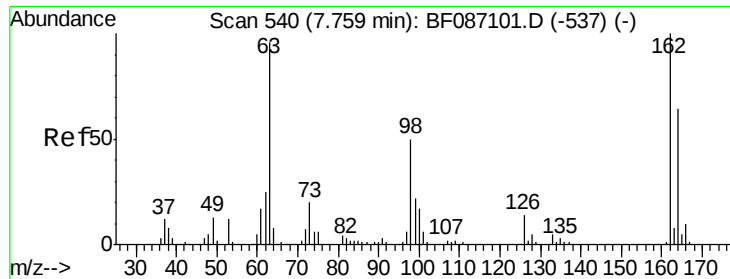
Tgt Ion:122 Resp: 369685
Ion Ratio Lower Upper
122 100
107 121.5 82.0 123.0
121 58.8 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.58 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion: 93 Resp: 515995
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 9.4 9.5 14.3#

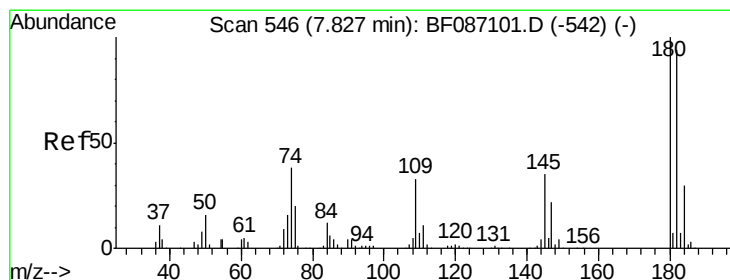
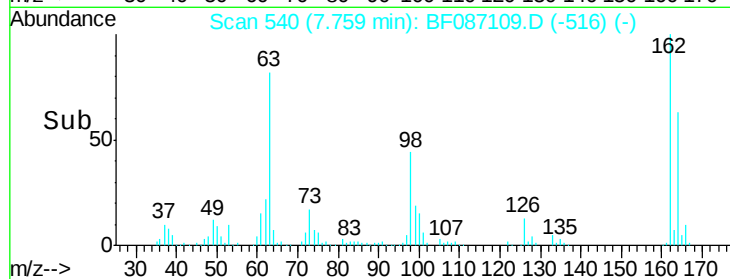
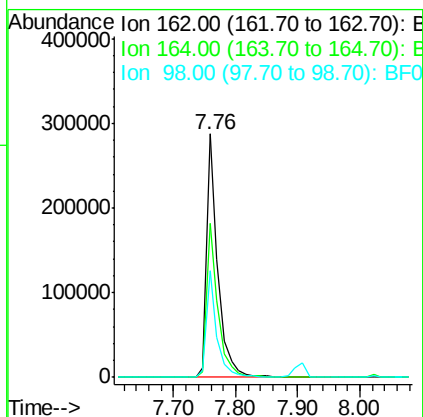
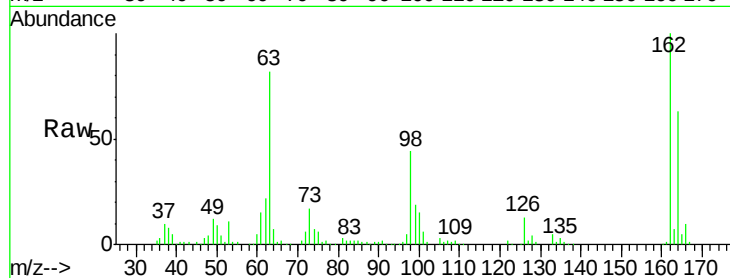




#29
 2,4-Dichlorophenol
 Concen: 44.72 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

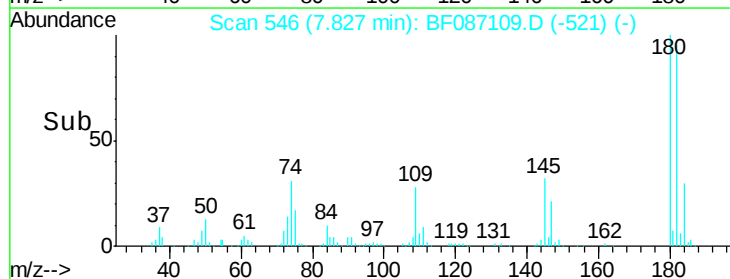
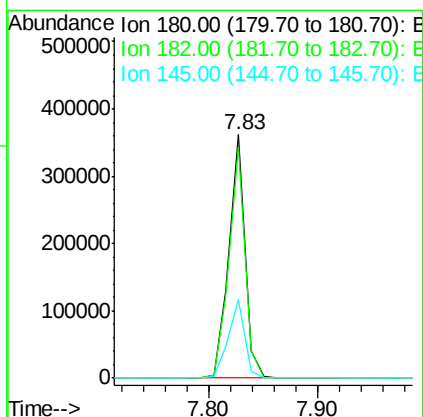
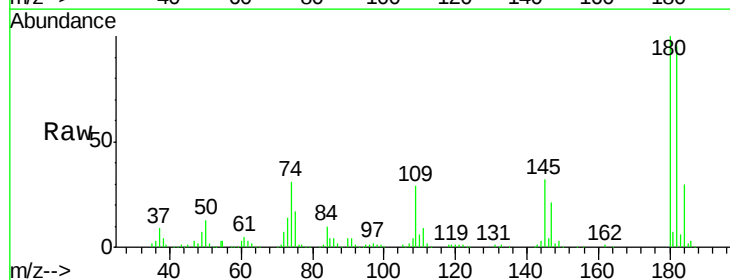
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

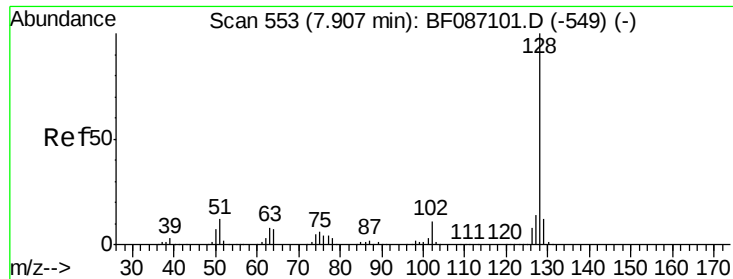
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.2	82.2
98	44.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.57 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.0	117.0
145	32.4	24.2	36.2

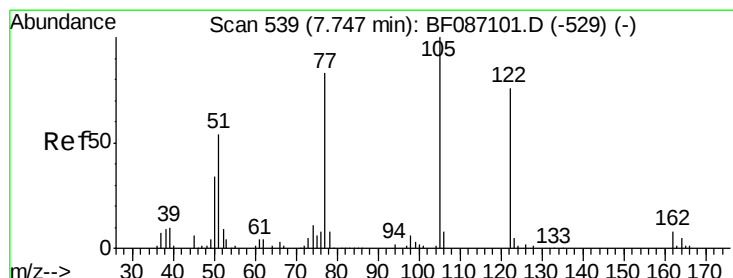
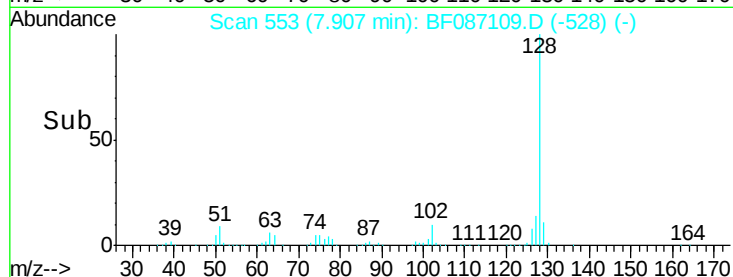
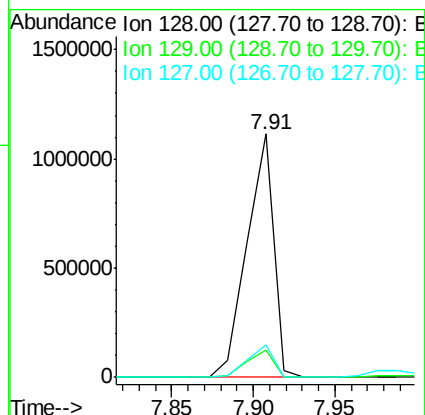
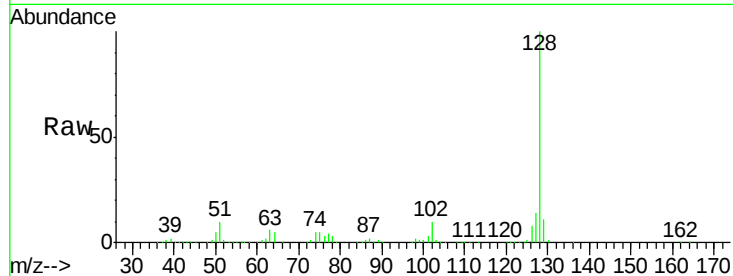




#31
Naphthalene
Concen: 43.98 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

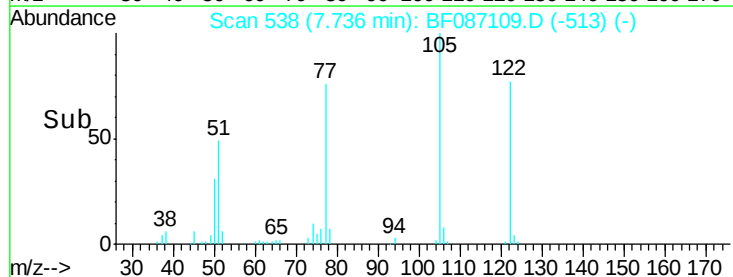
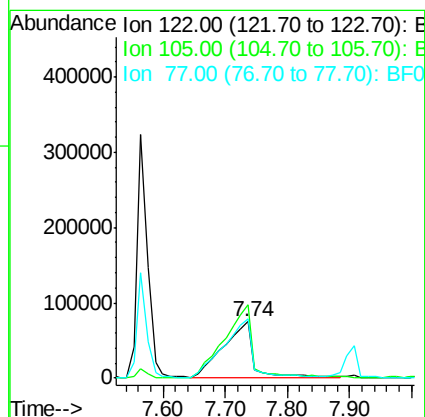
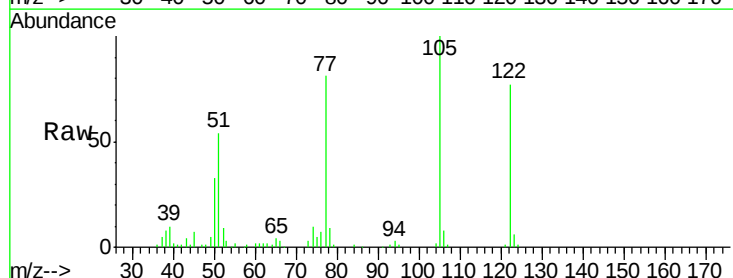
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

Tgt Ion:128 Resp: 1261728
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 45.44 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion:122 Resp: 246300
Ion Ratio Lower Upper
122 100
105 130.1 92.6 132.6
77 105.0 60.0 100.0#

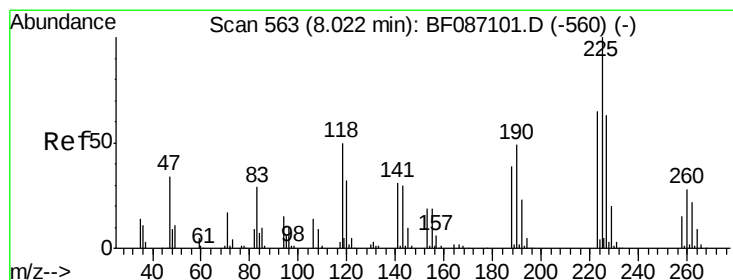
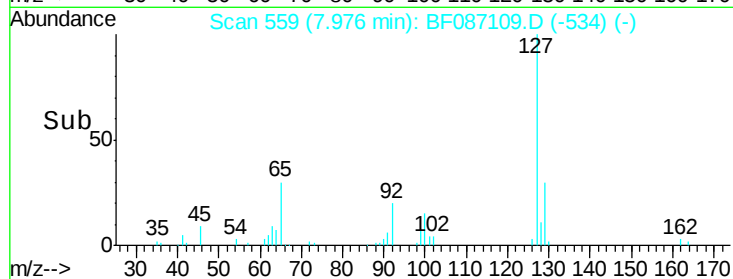
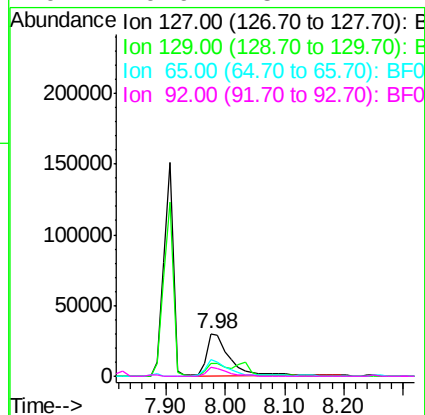
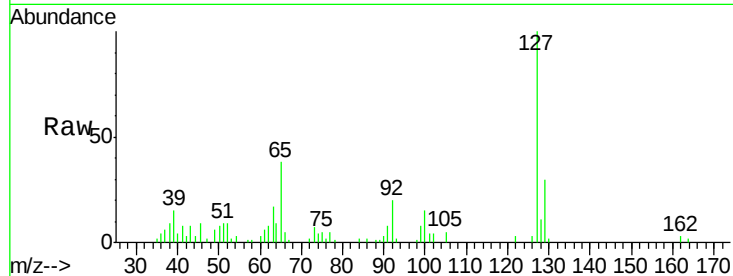




#33
 4-Chloroaniline
 Concen: 6.84 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

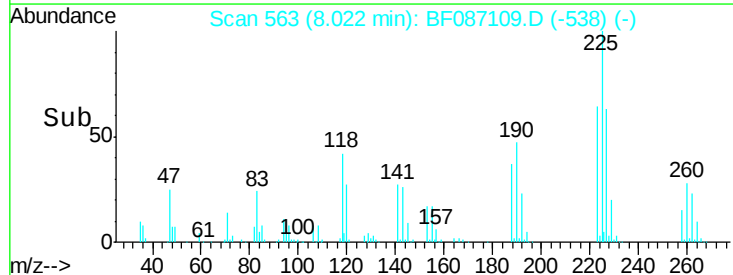
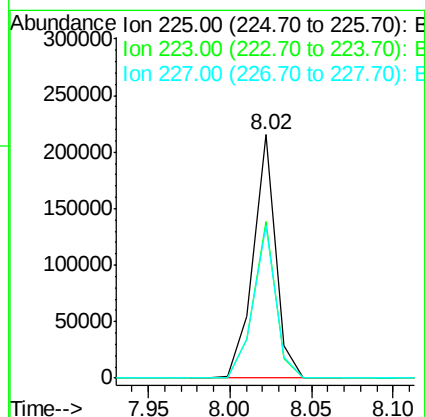
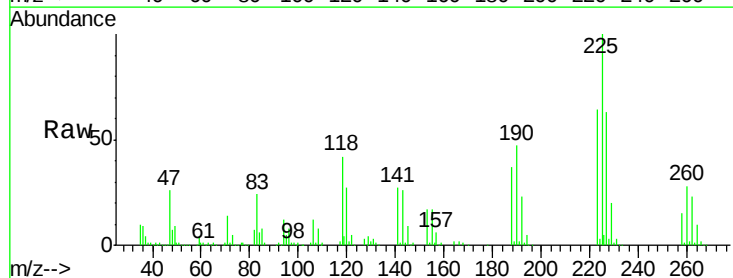
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

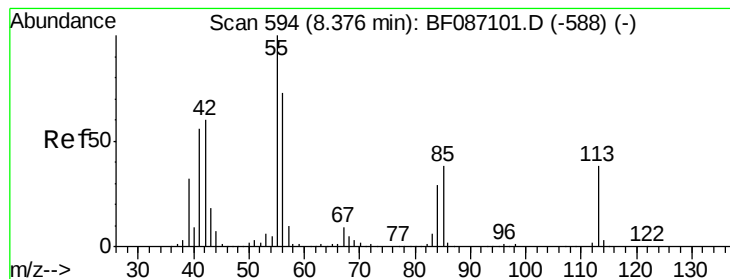
Tgt Ion:	127	Resp:	81569
Ion	Ratio	Lower	Upper
127	100		
129	29.6	26.2	39.4
65	38.1	23.0	34.4
92	19.9	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 40.83 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion:	225	Resp:	206040
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.5	77.3
227	62.9	52.2	78.2





#35

Caprolactam

Concen: 21.73 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

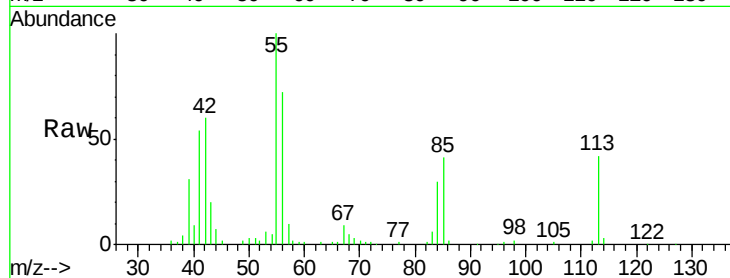
Tgt Ion:113 Resp: 57983

Ion Ratio Lower Upper

113 100

55 235.9 162.0 202.0#

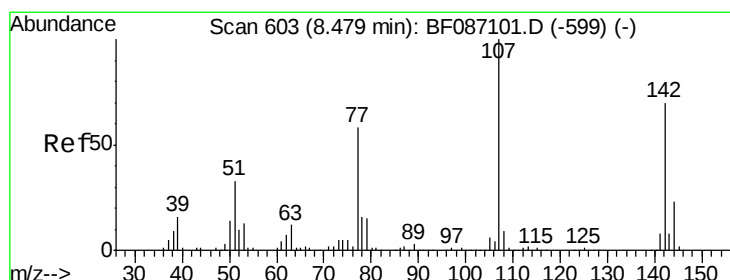
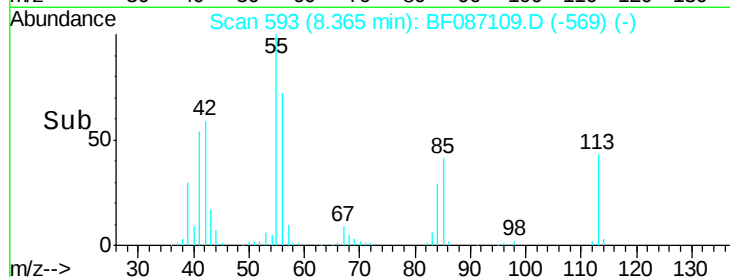
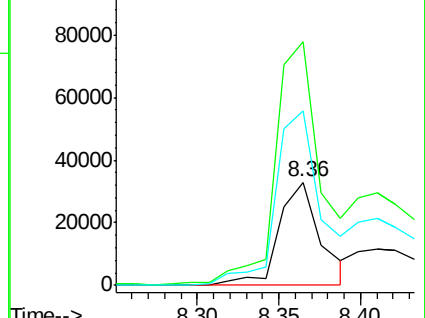
56 169.0 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.16 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

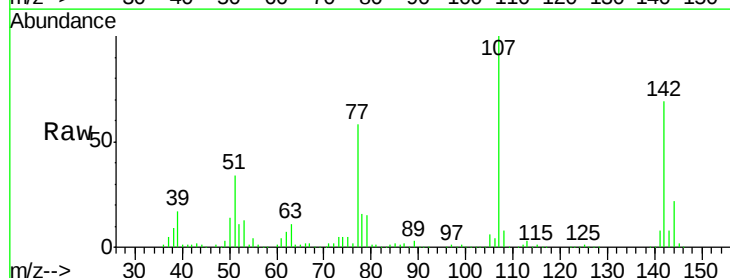
Tgt Ion:107 Resp: 397896

Ion Ratio Lower Upper

107 100

144 22.2 20.7 31.1

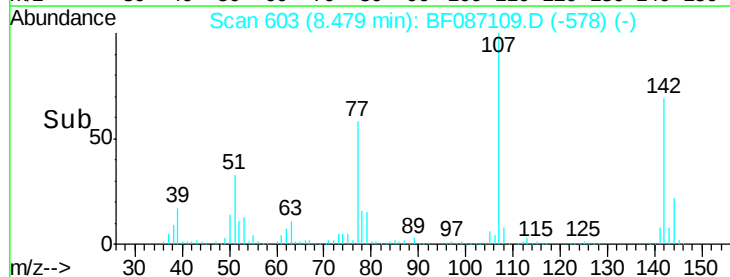
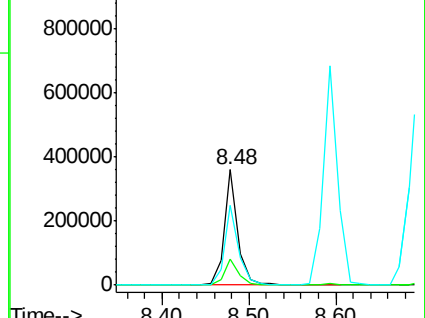
142 69.5 63.2 94.8

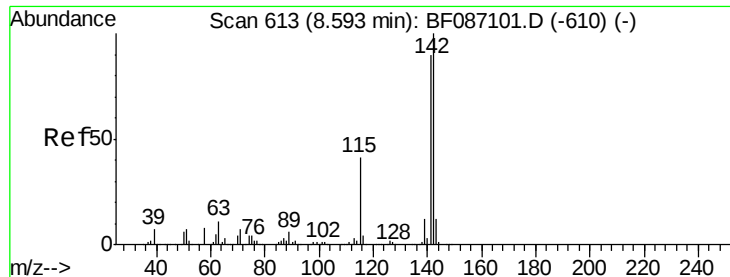


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

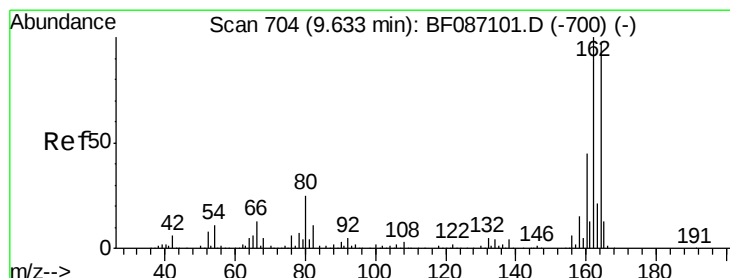
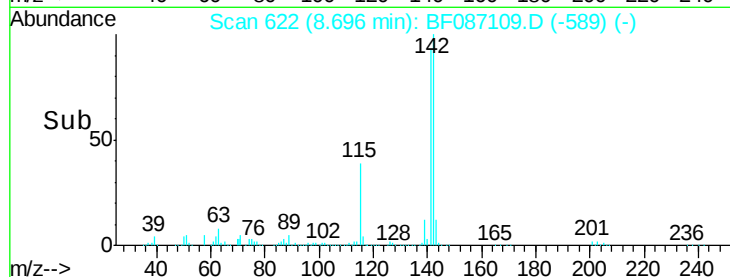
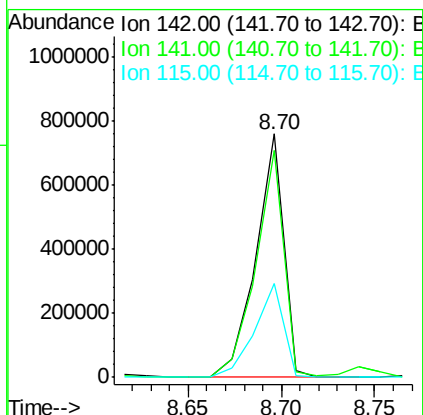
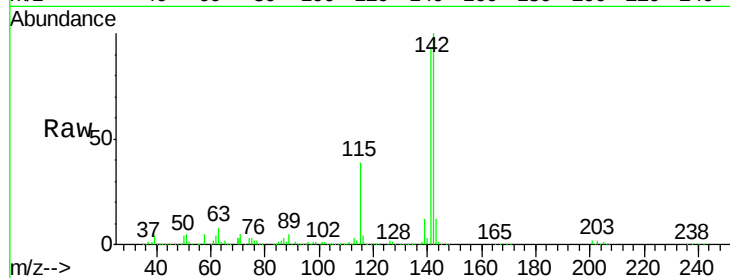




#37
 2-Methylnaphthalene
 Concen: 42.50 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.08 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

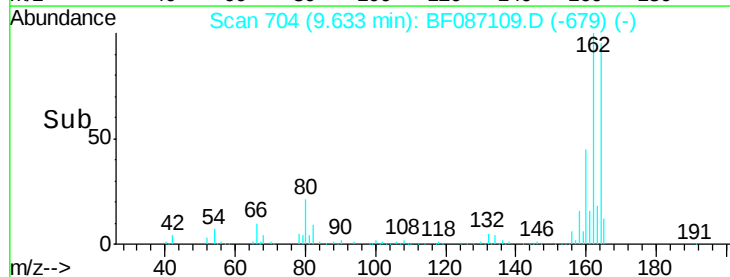
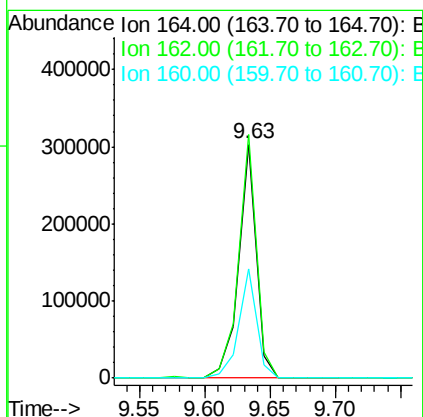
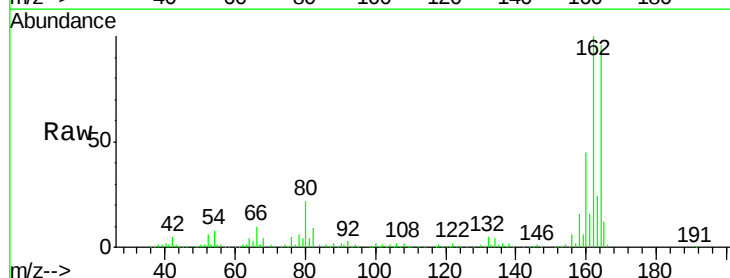
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Tgt Ion:142 Resp: 780008
 Ion Ratio Lower Upper
 142 100
 141 93.0 71.0 106.6
 115 38.7 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion:164 Resp: 282356
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.8 36.9 55.3

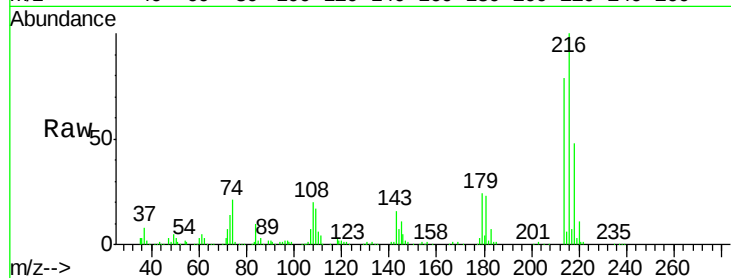




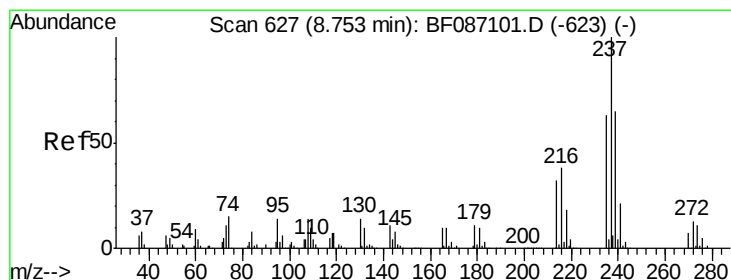
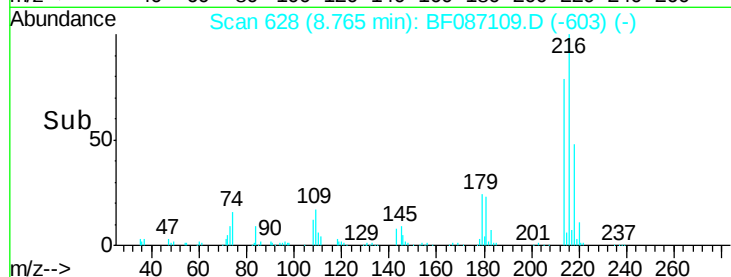
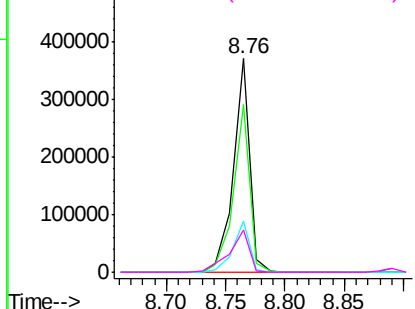
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.87 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Tgt Ion:	216	Resp:	353529
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	24.0	18.2	27.4
108	25.0	17.5	26.3

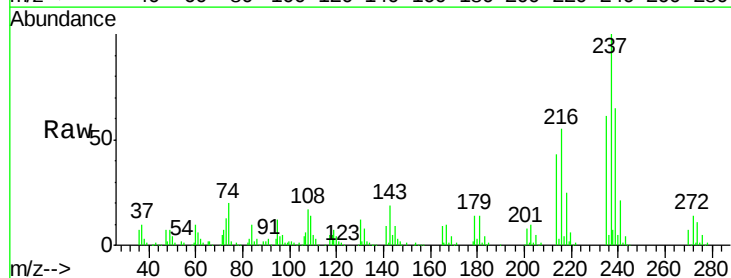


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

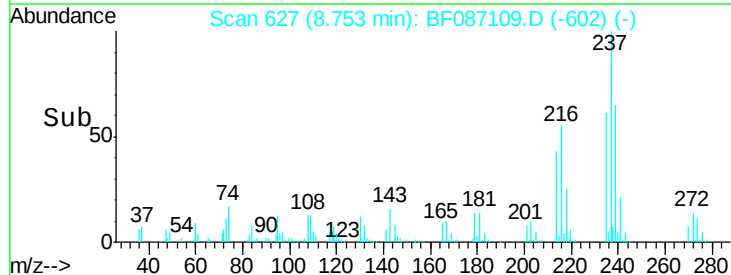
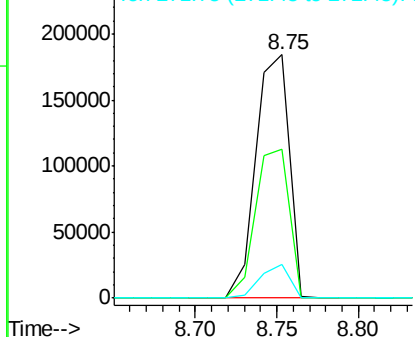


#40
 Hexachlorocyclopentadiene
 Concen: 81.96 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion:	237	Resp:	261698
Ion	Ratio	Lower	Upper
237	100		
235	61.3	47.2	87.2
272	13.9	0.0	31.1



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

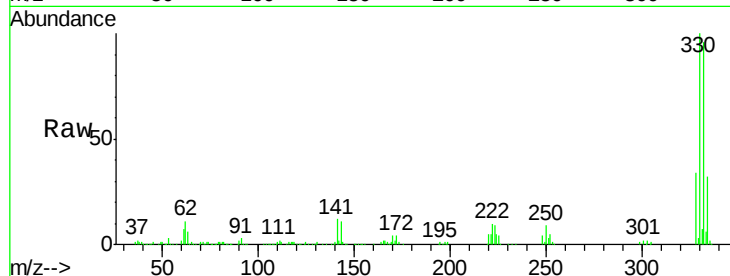




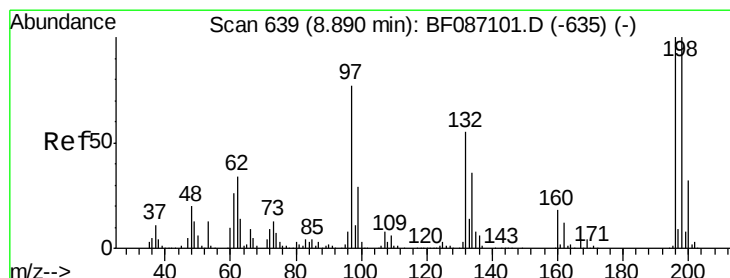
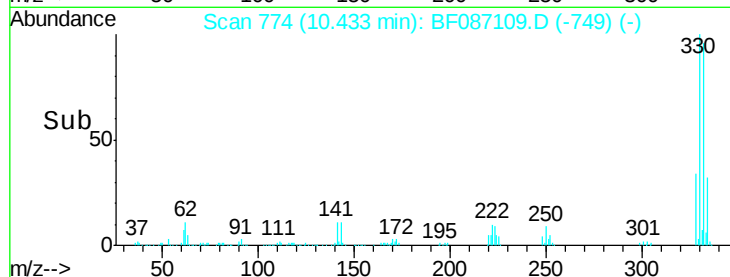
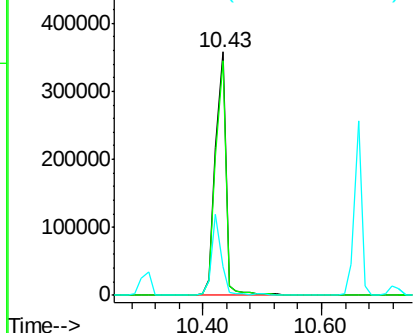
#41
 2,4,6-Tribromophenol
 Concen: 141.66 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	30.0	31.2	46.8#

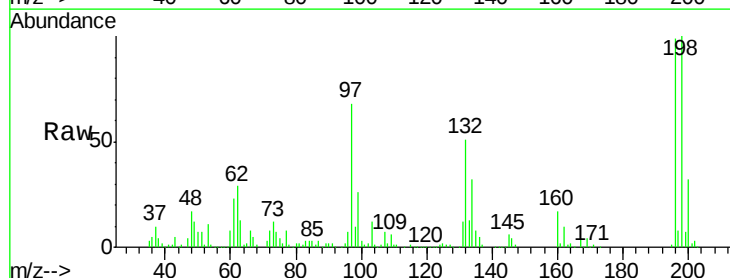


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

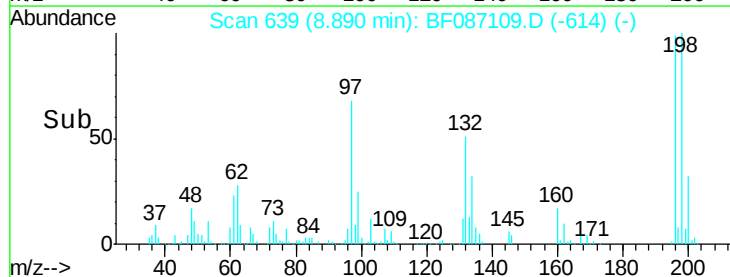
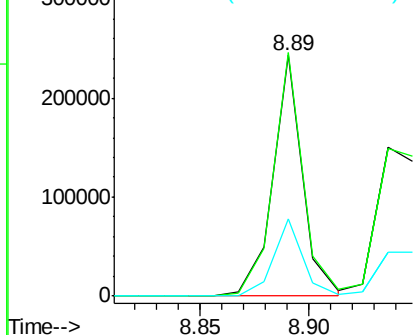


#42
 2,4,6-Trichlorophenol
 Concen: 43.74 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	74.7	112.1
200	32.0	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

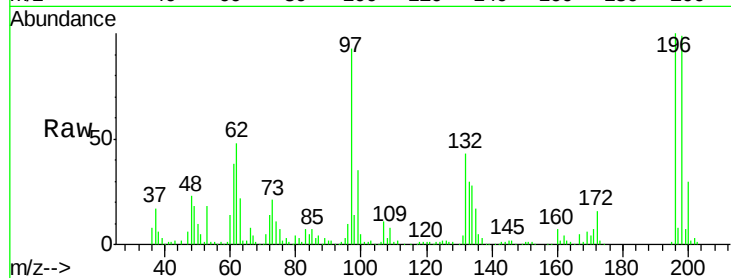




#43
 2,4,5-Trichlorophenol
 Concen: 40.92 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Tgt Ion	Resp	Ratio	Lower	Upper
196	227360	100		
198	99.2	77.5	116.3	
97	92.9	34.8	52.2	
132	43.1	23.0	34.4	



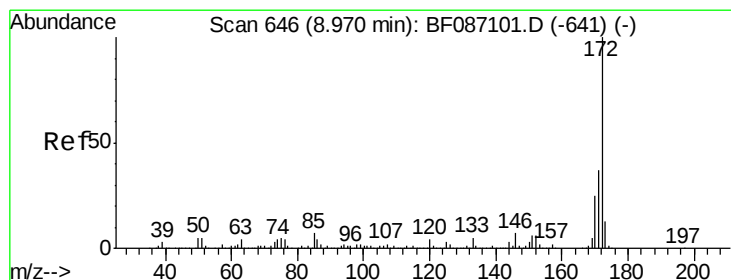
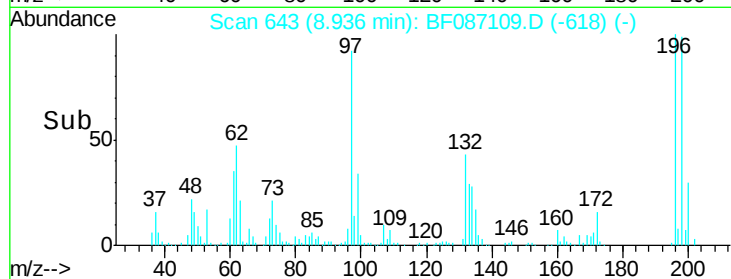
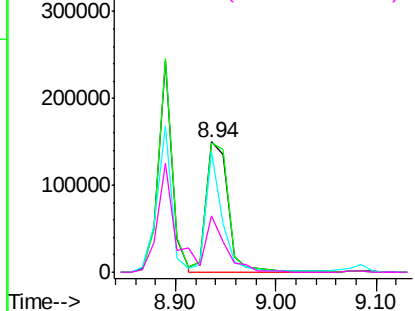
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

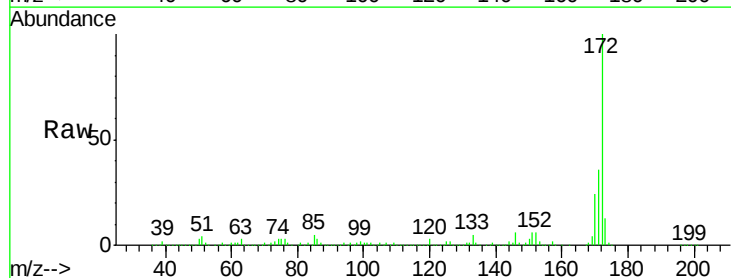
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.72 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion	Resp	Ratio	Lower	Upper
172	1734174	100		
171	36.3	29.0	43.6	
170	24.5	19.8	29.8	

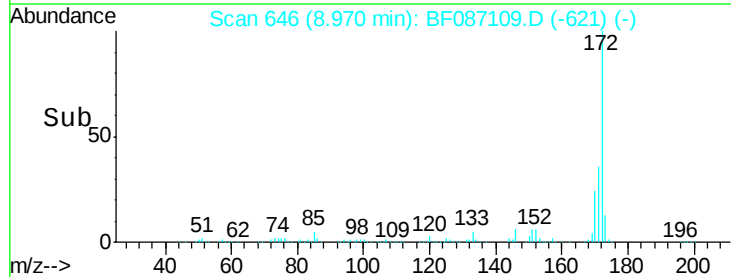
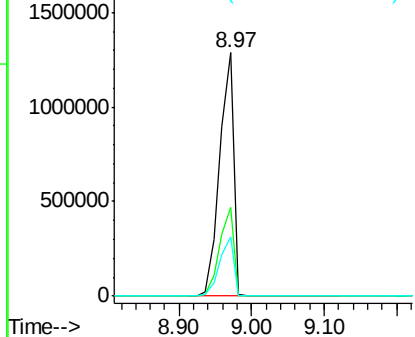


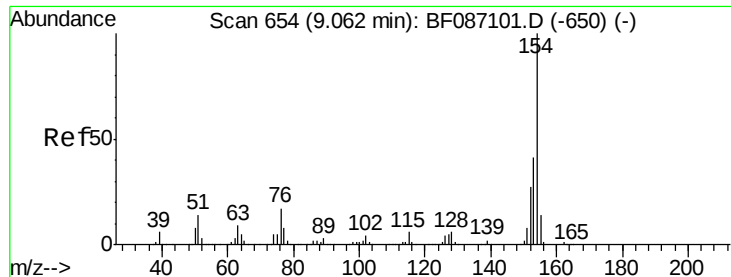
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.14 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

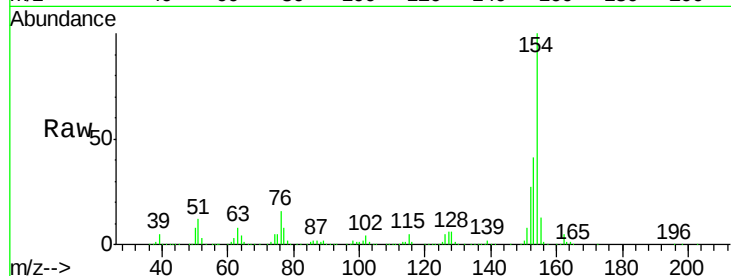
Tgt Ion:154 Resp: 939744

Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

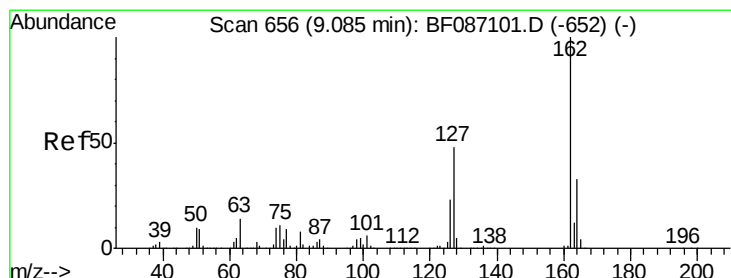
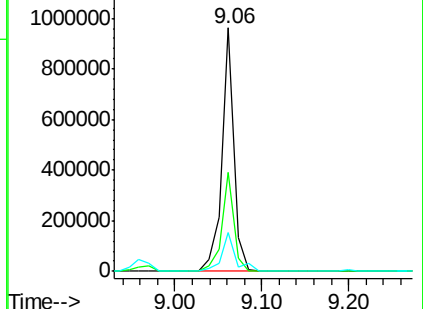
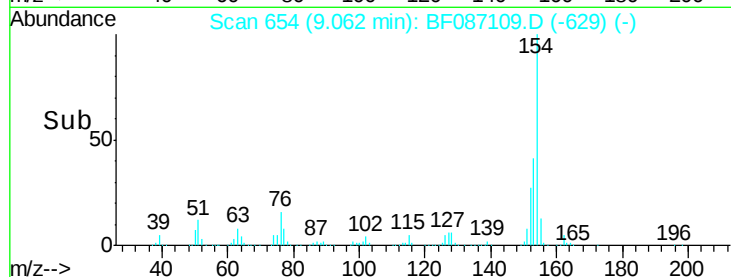
76 15.7 0.0 30.2



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: 40.89 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

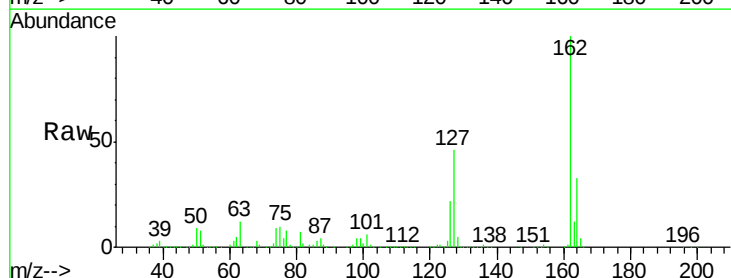
Tgt Ion:162 Resp: 734859

Ion Ratio Lower Upper

162 100

127 46.1 31.8 47.6

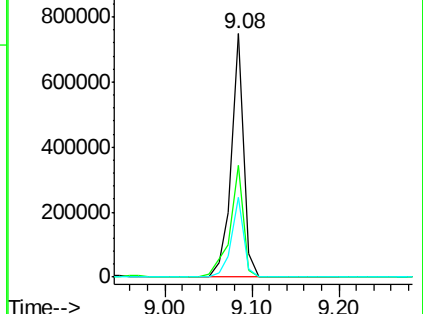
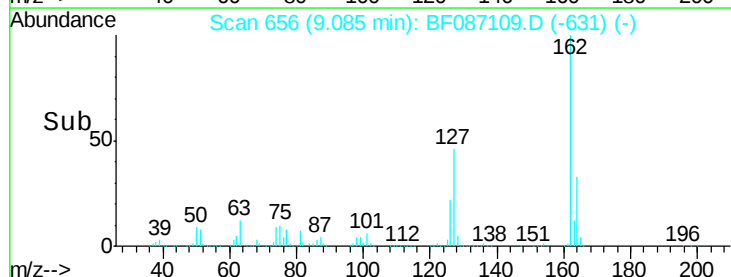
164 32.9 27.0 40.6

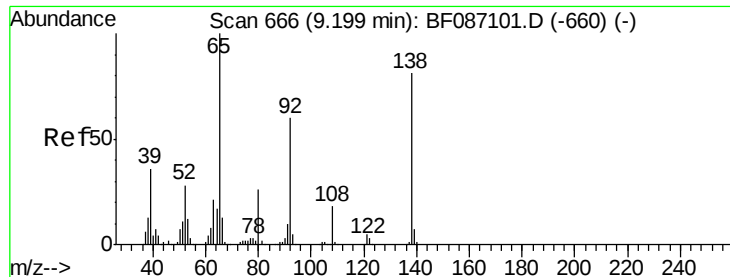


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

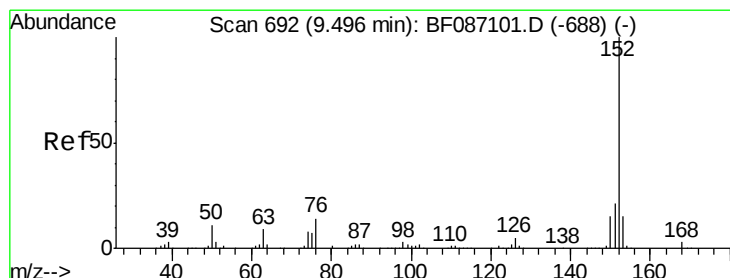
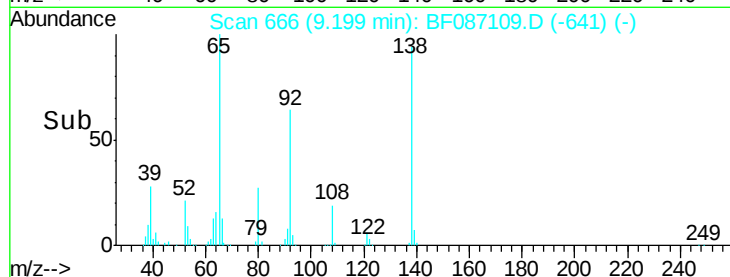
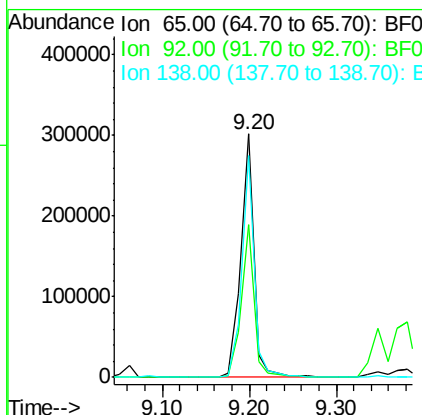
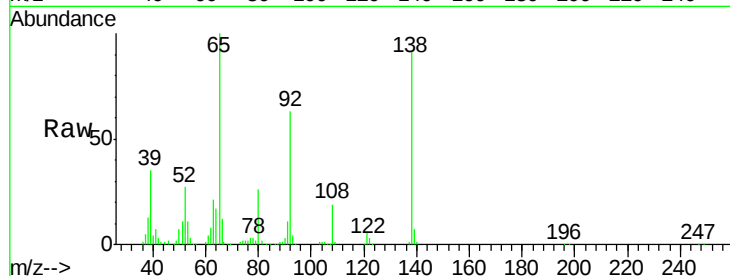




#47
2-Nitroaniline
Concen: 46.05 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

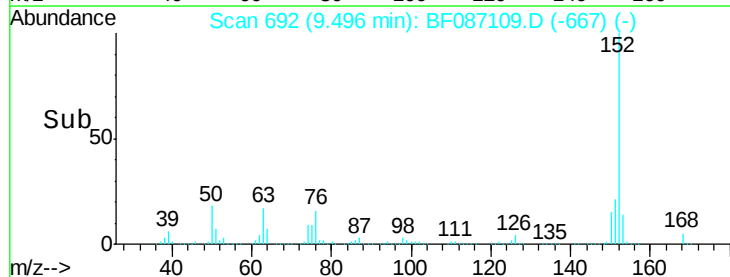
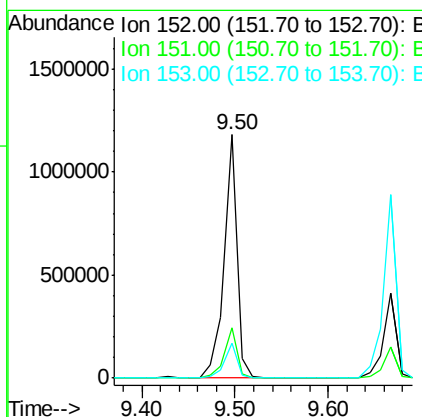
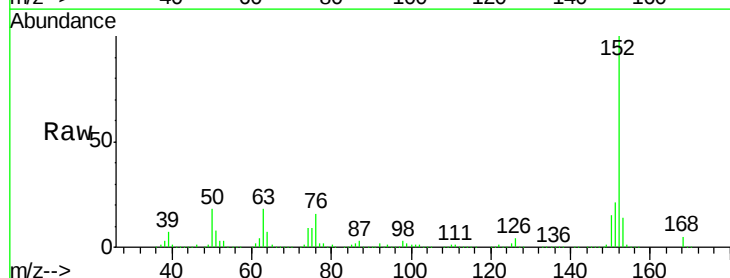
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

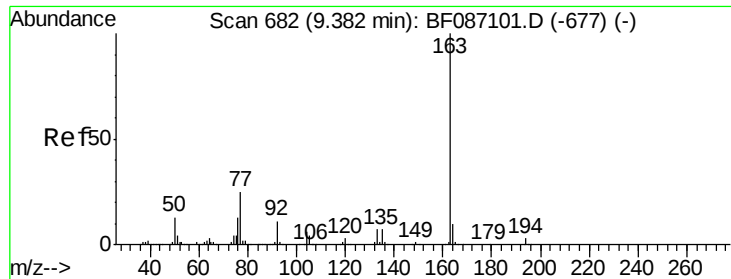
Tgt Ion: 65 Resp: 317181
Ion Ratio Lower Upper
65 100
92 63.0 57.4 86.2
138 91.3 90.1 135.1



#48
Acenaphthylene
Concen: 41.33 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion: 152 Resp: 1134452
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.3 10.9 16.3

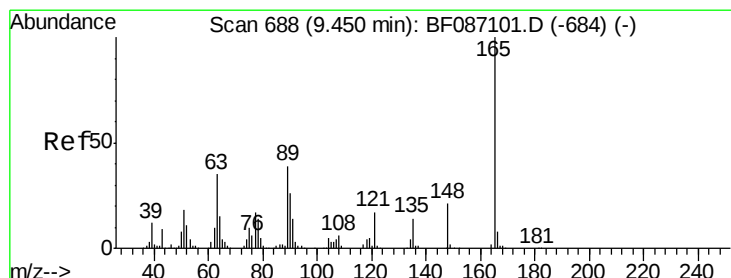
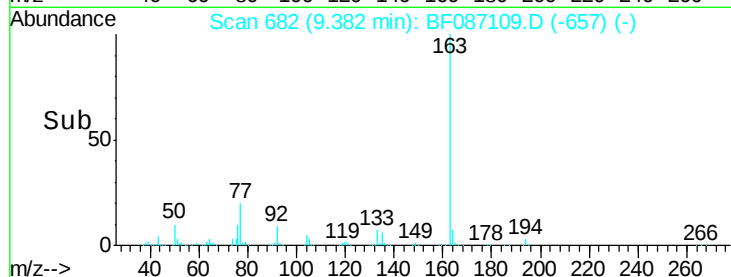
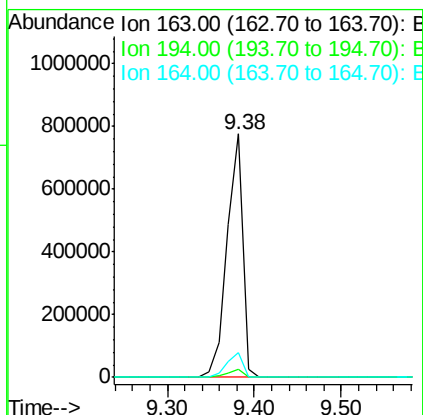
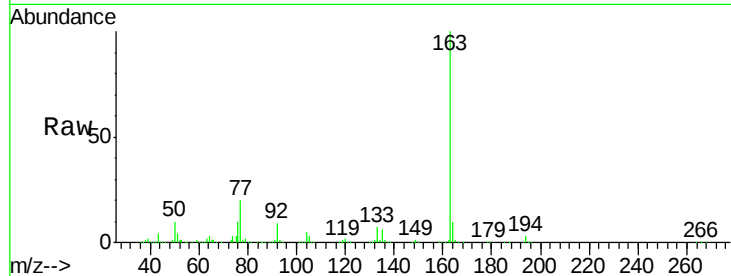




#49
Dimethylphthalate
Concen: 45.39 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

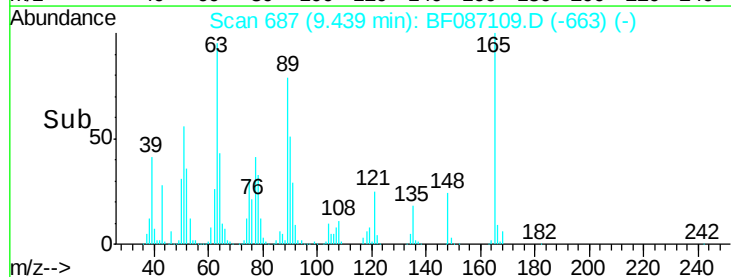
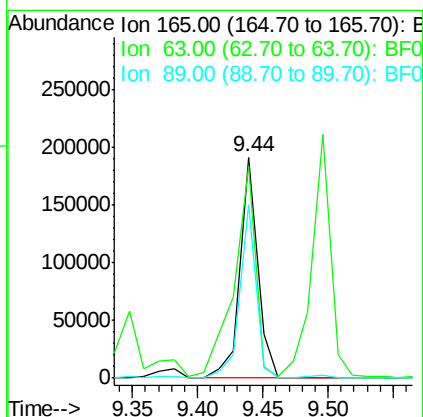
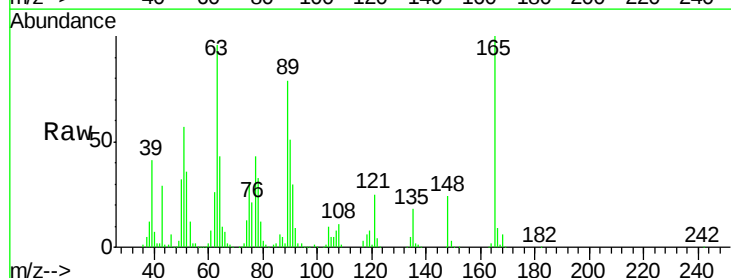
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

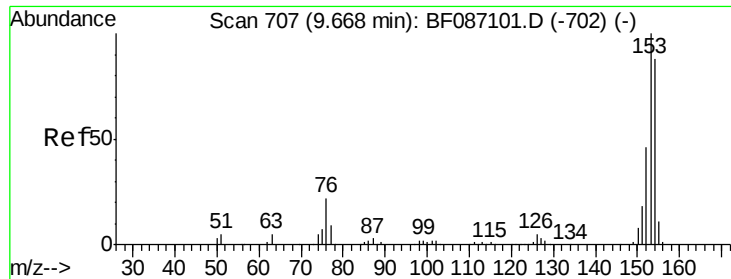
Tgt Ion:163 Resp: 977650
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 38.56 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion:165 Resp: 180351
Ion Ratio Lower Upper
165 100
63 95.6 51.8 77.8#
89 78.6 50.7 76.1#





#51

Acenaphthene

Concen: 42.97 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

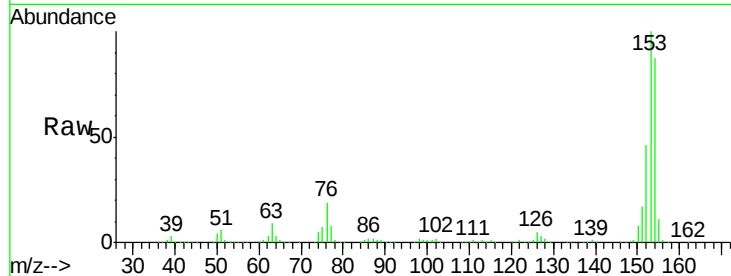
Tgt Ion:154 Resp: 736850

Ion Ratio Lower Upper

154 100

153 115.5 89.8 134.6

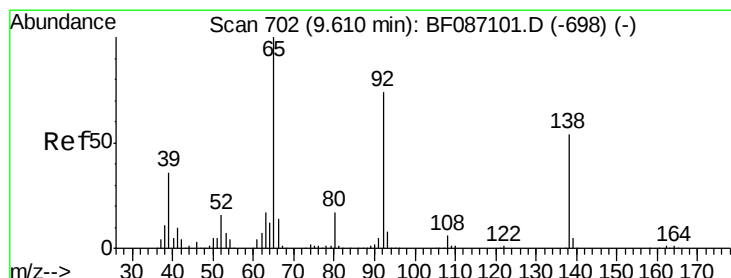
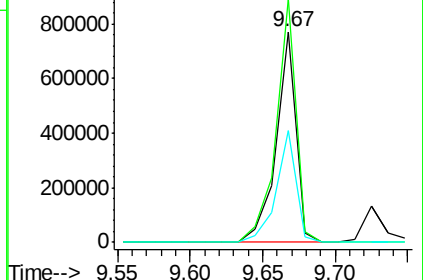
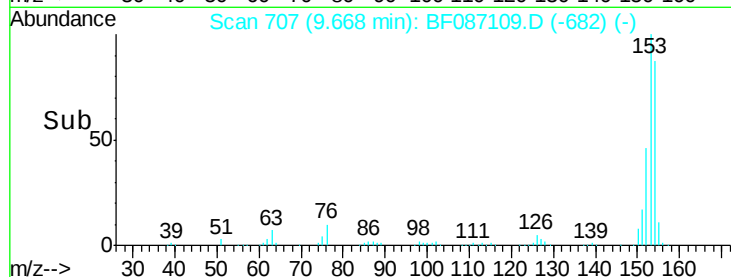
152 53.2 43.4 65.0



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: 7.25 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

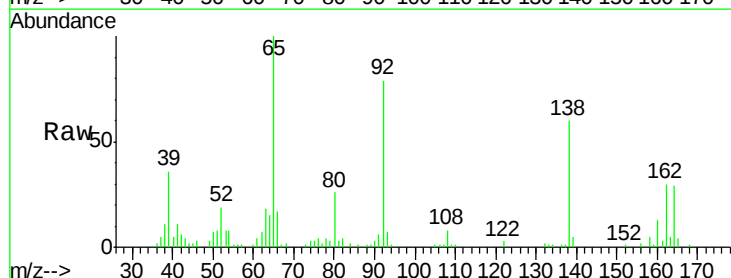
Tgt Ion:138 Resp: 36721

Ion Ratio Lower Upper

138 100

108 12.9 7.8 11.6#

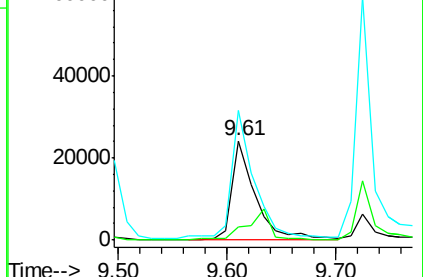
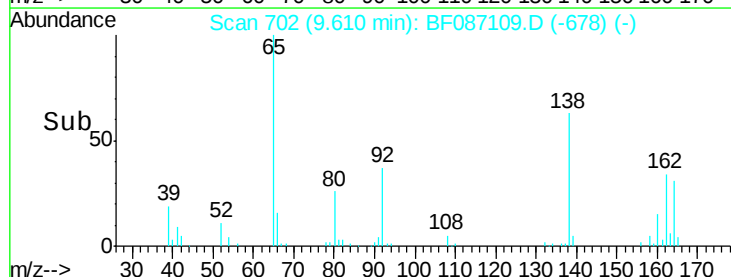
92 130.9 87.8 131.8

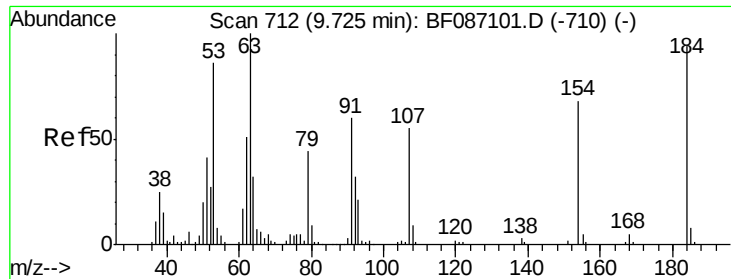


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

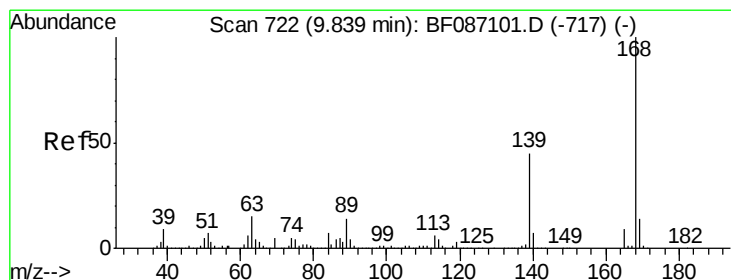
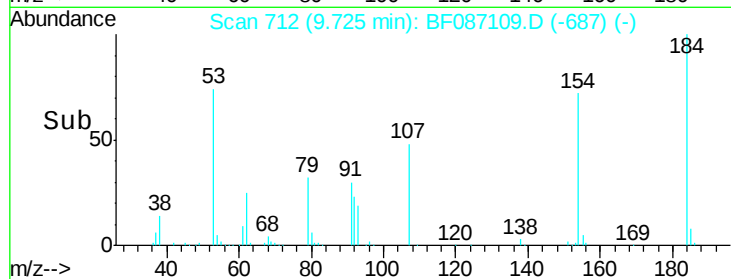
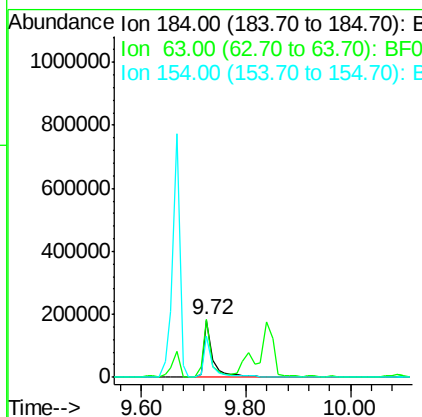
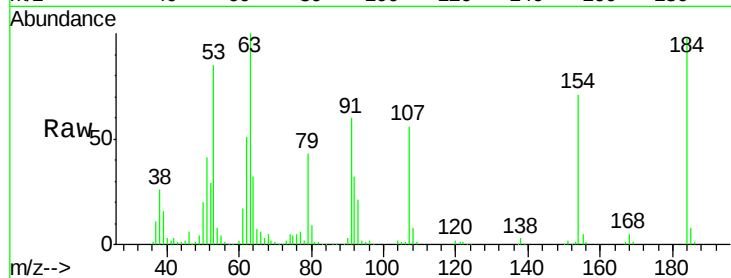




#53
2,4-Dinitrophenol
Concen: 84.43 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

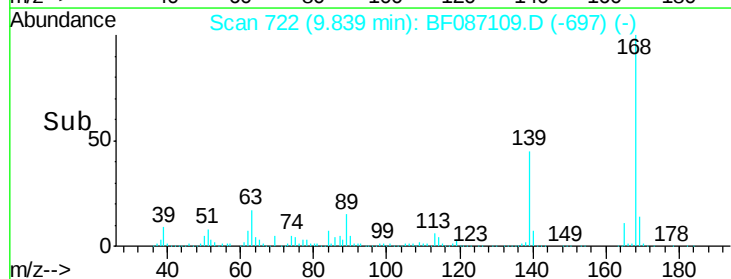
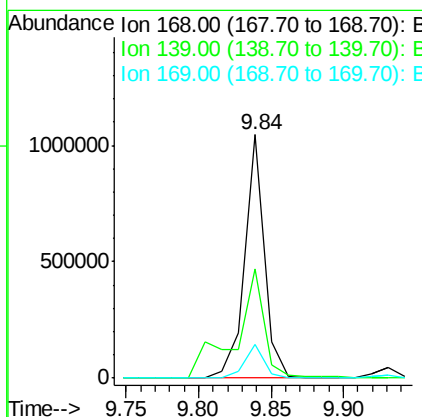
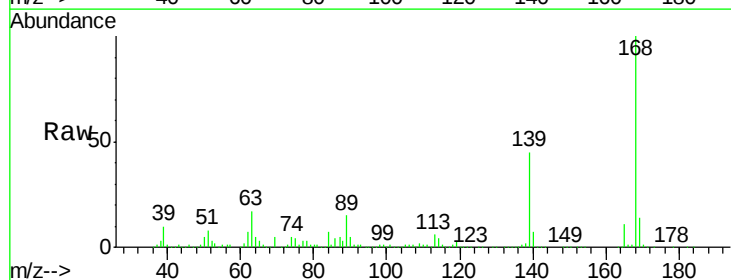
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

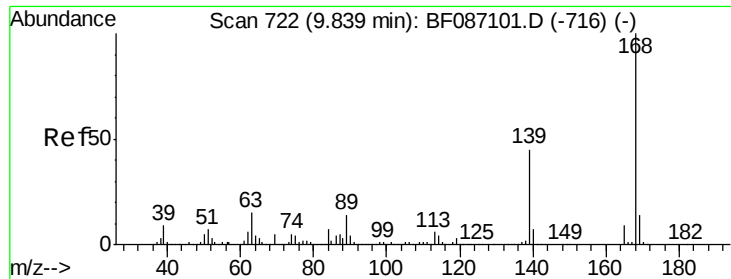
Tgt Ion:184 Resp: 227001
Ion Ratio Lower Upper
184 100
63 101.9 55.8 83.8#
154 72.4 62.4 93.6



#54
Dibenzofuran
Concen: 44.29 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion:168 Resp: 981924
Ion Ratio Lower Upper
168 100
139 44.7 31.4 47.0
169 14.0 10.7 16.1





#55

4-Nitrophenol

Concen: 127.29 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

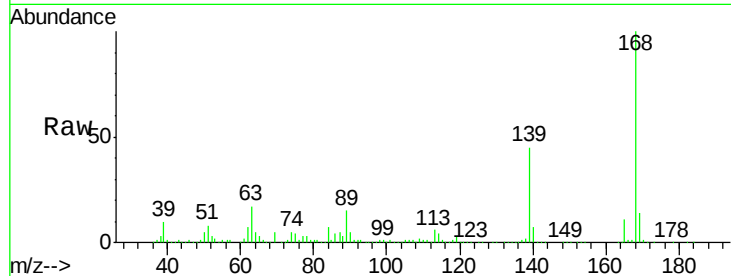
Tgt Ion:139 Resp: 675141

Ion Ratio Lower Upper

139 100

109 3.4 36.9 76.9#

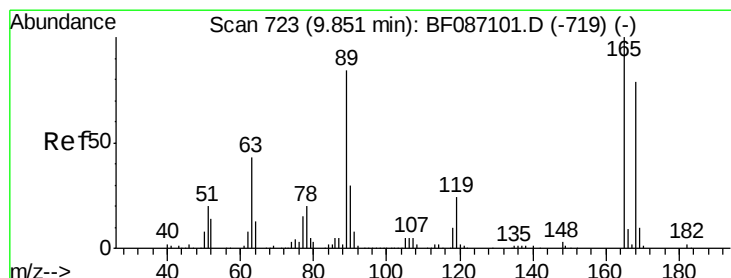
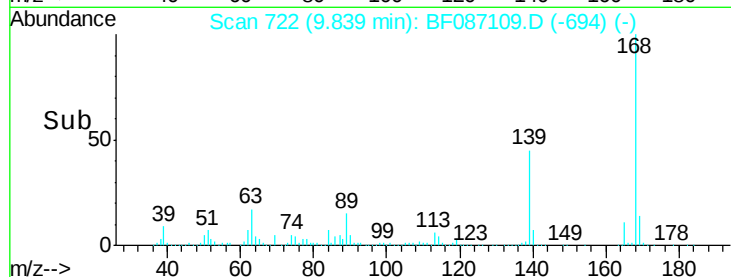
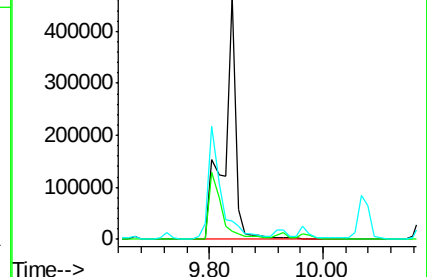
65 7.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 48.17 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Tgt Ion:165 Resp: 288566

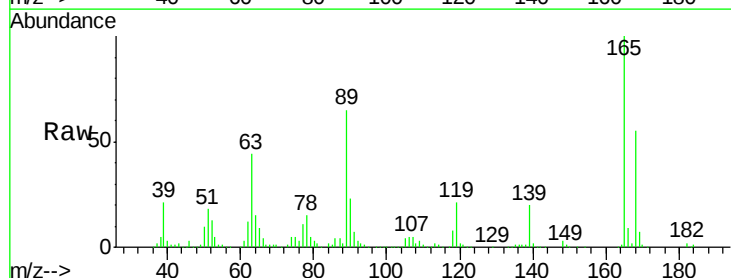
Ion Ratio Lower Upper

165 100

63 44.5 44.3 66.5

89 64.9 70.0 105.0#

182 2.4 1.8 2.6

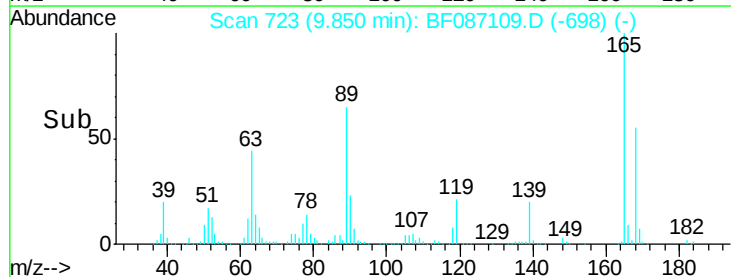
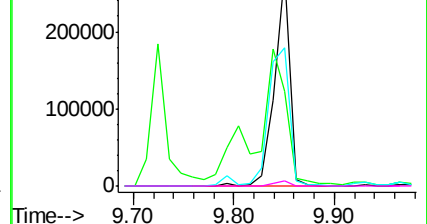


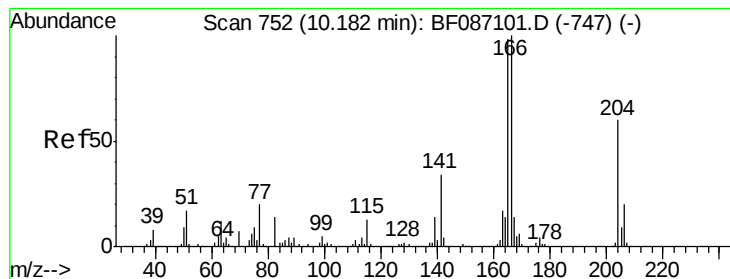
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.28 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

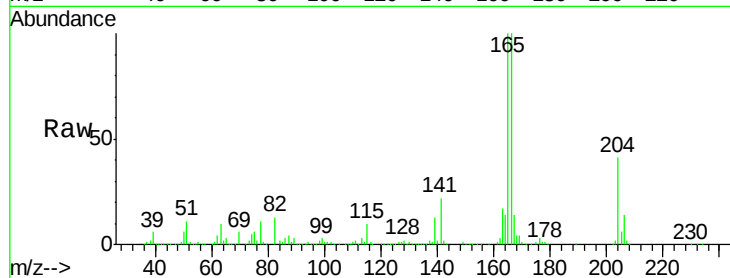
Tgt Ion:166 Resp: 788803

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

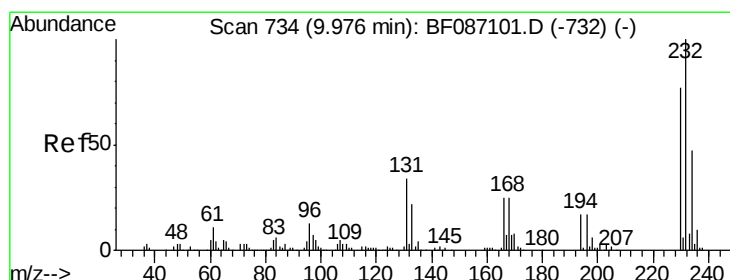
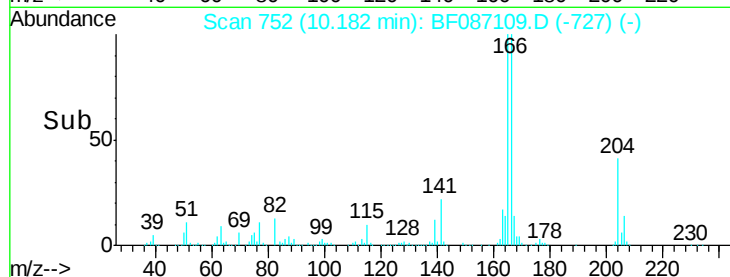
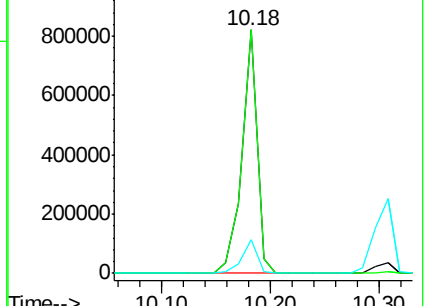
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.79 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Tgt Ion:232 Resp: 202461

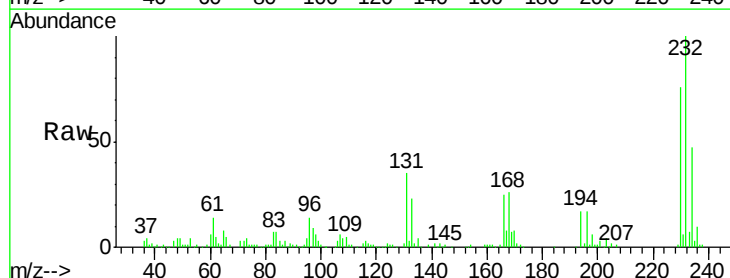
Ion Ratio Lower Upper

232 100

131 51.8 41.9 62.9

130 2.8 2.2 3.4

166 30.9 26.8 40.2

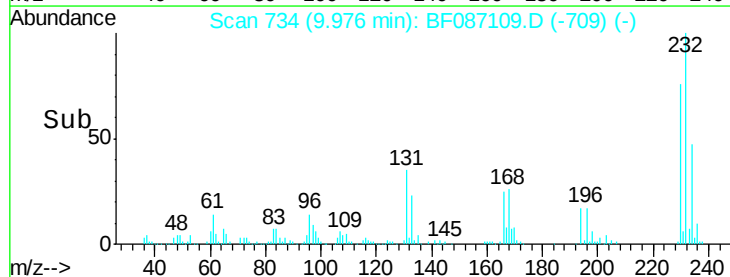
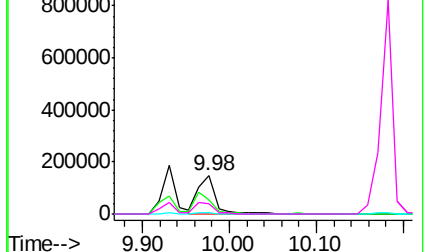


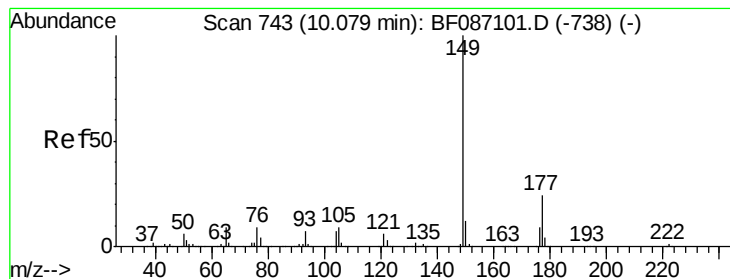
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.09 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

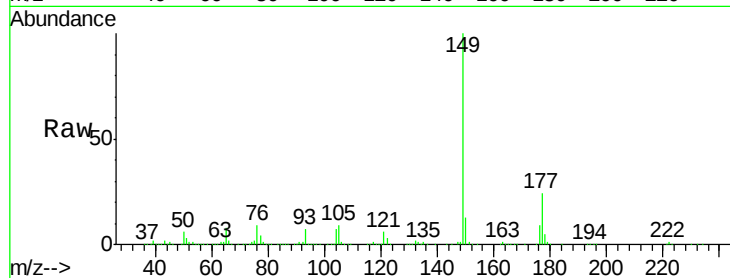
Tgt Ion:149 Resp: 968362

Ion Ratio Lower Upper

149 100

177 24.1 16.6 24.8

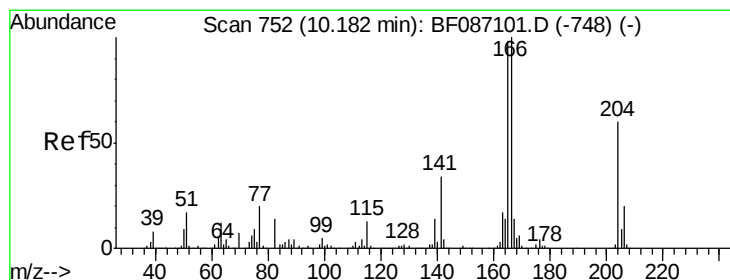
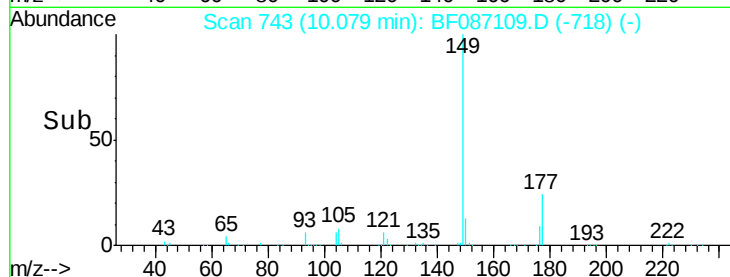
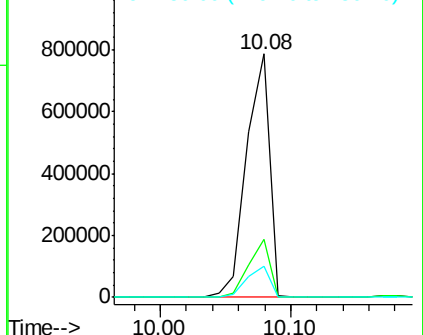
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.70 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

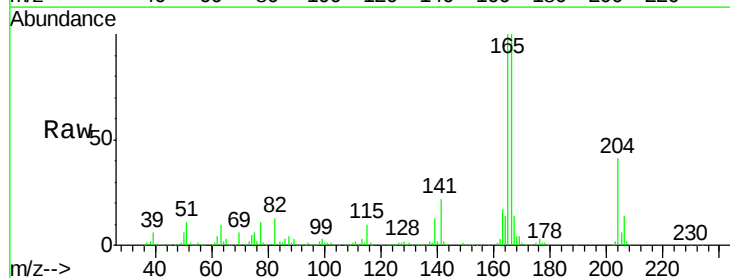
Tgt Ion:204 Resp: 385897

Ion Ratio Lower Upper

204 100

206 33.3 25.4 38.0

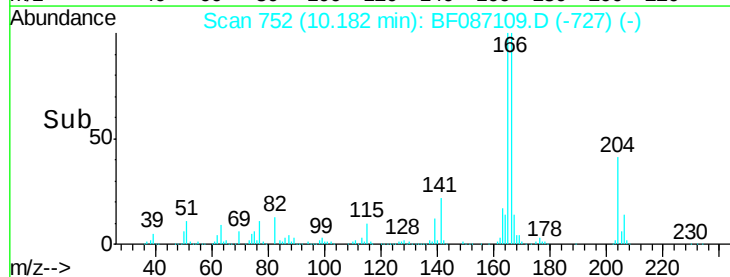
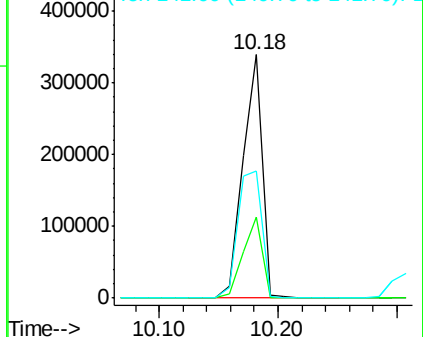
141 52.2 61.6 92.4#

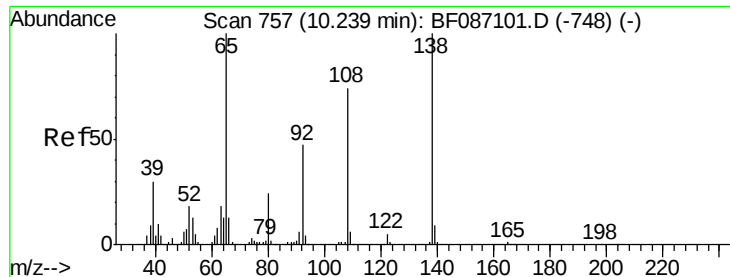


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.50 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

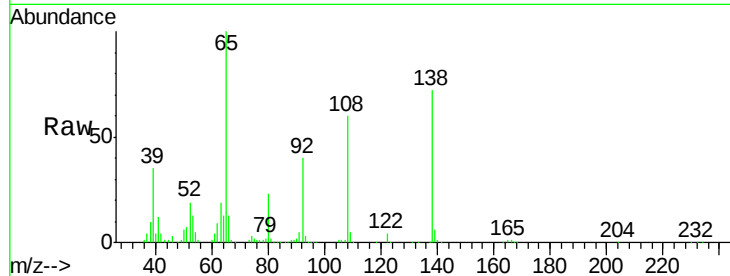
Tgt Ion:138 Resp: 187447

Ion Ratio Lower Upper

138 100

92 55.7 24.7 64.7

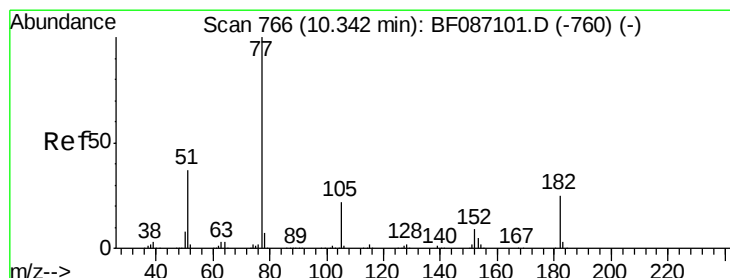
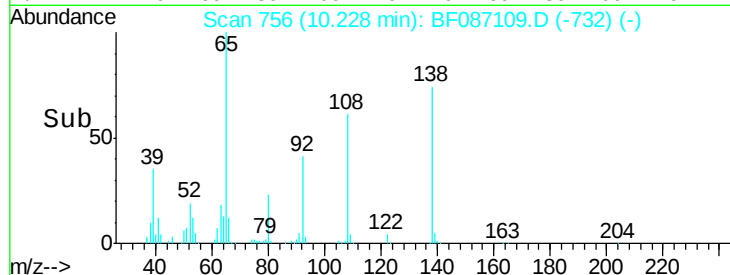
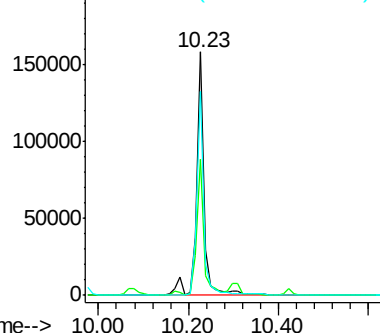
108 83.8 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.00 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Tgt Ion: 77 Resp: 1066305

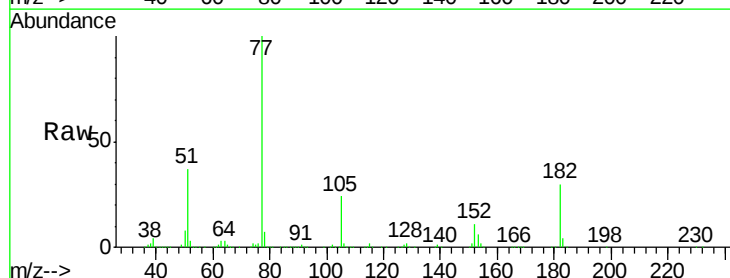
Ion Ratio Lower Upper

77 100

182 30.3 0.0 38.8

105 23.6 3.2 43.2

51 36.6 8.8 48.8

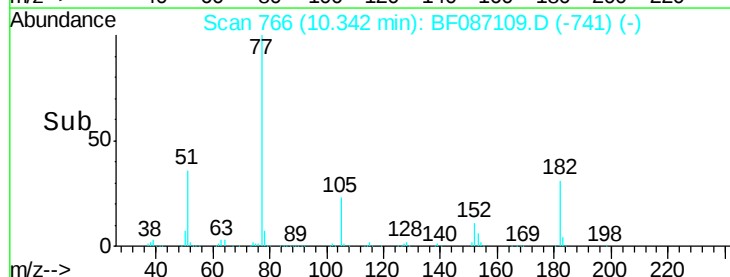
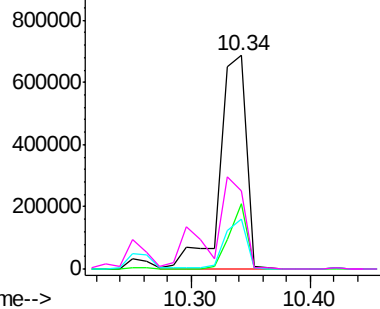


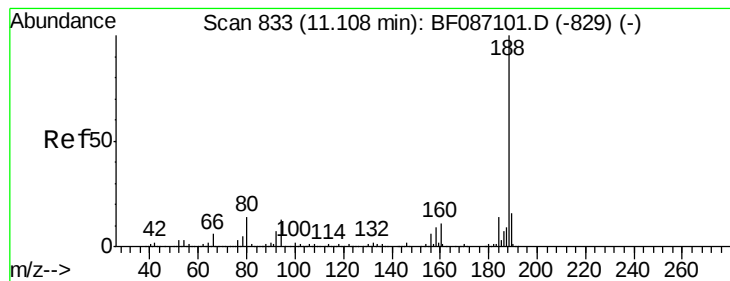
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

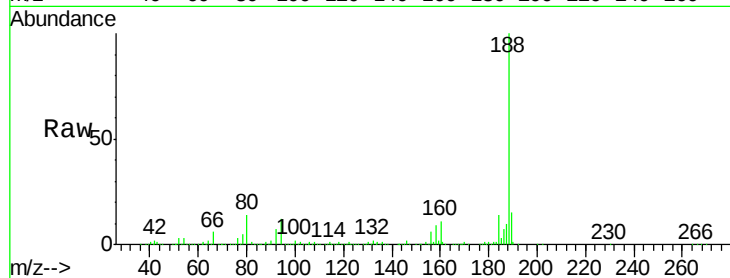
Tgt Ion:188 Resp: 524611

Ion Ratio Lower Upper

188 100

94 12.0 6.8 10.2#

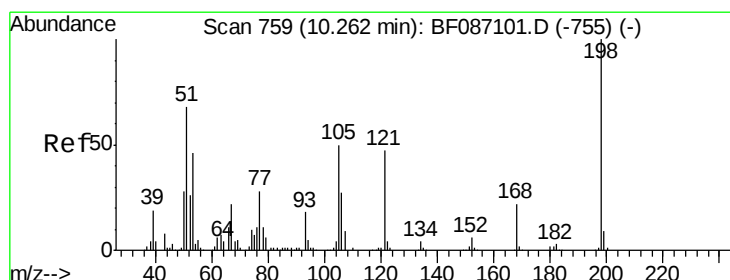
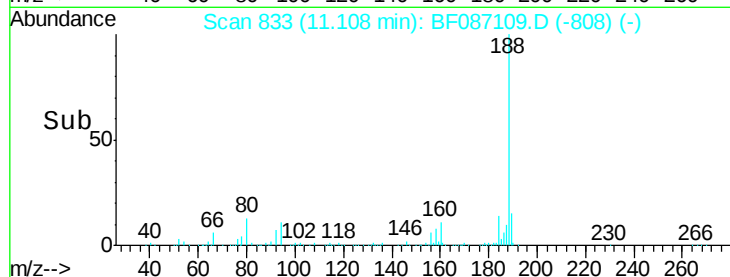
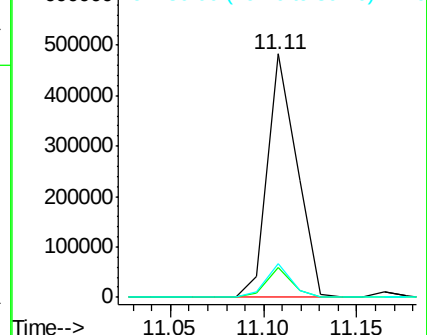
80 13.6 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.87 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

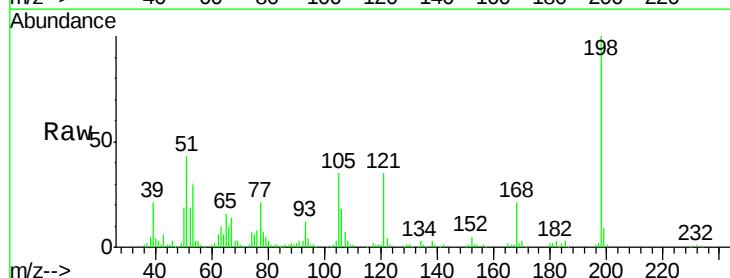
Tgt Ion:198 Resp: 151569

Ion Ratio Lower Upper

198 100

51 43.4 20.5 60.5

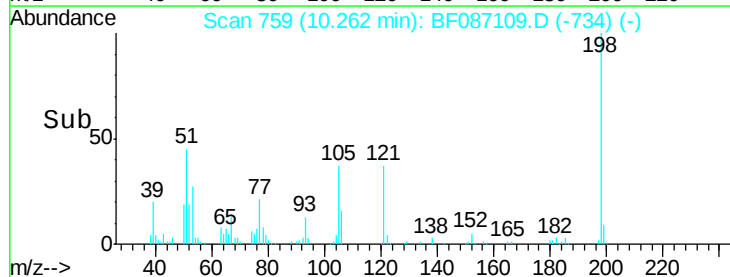
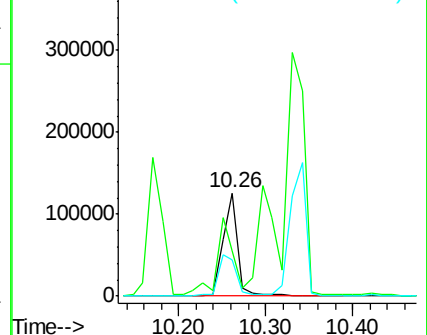
105 35.0 24.5 64.5

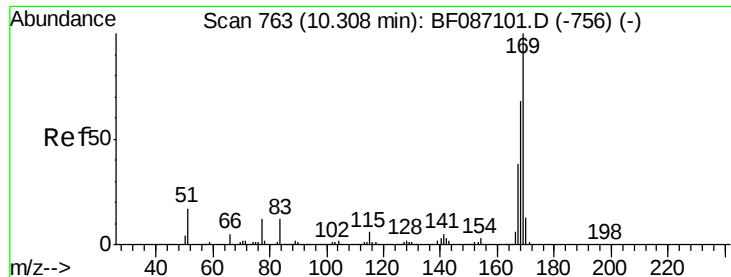


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.49 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

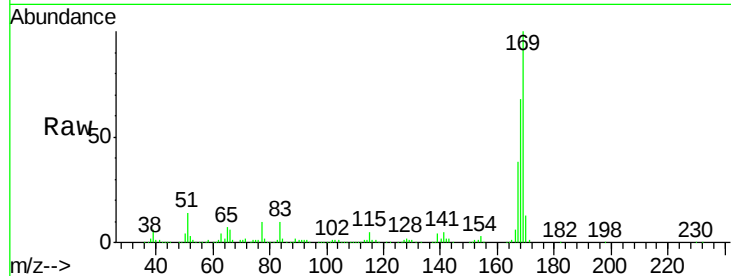
Tgt Ion:169 Resp: 784036

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

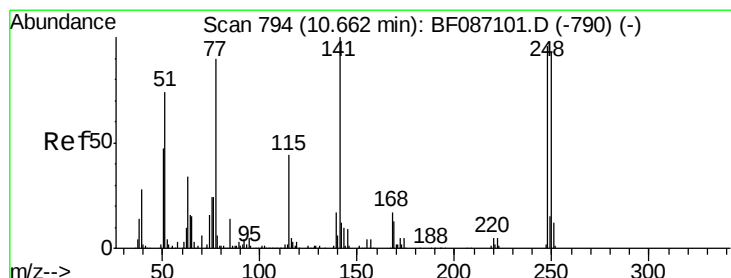
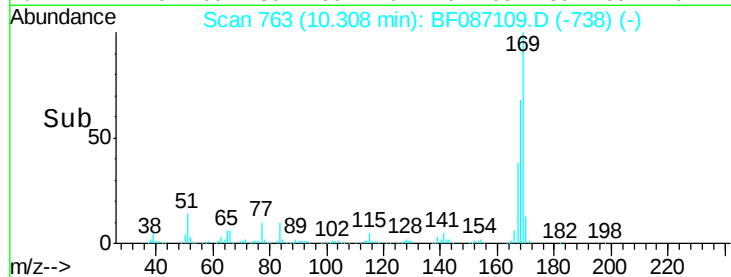
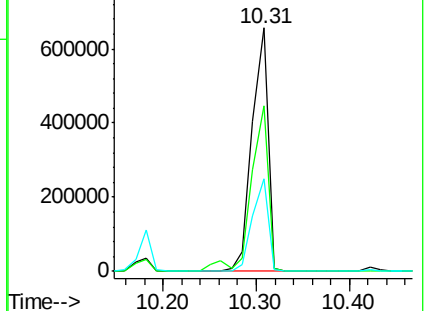
167 38.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.67 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

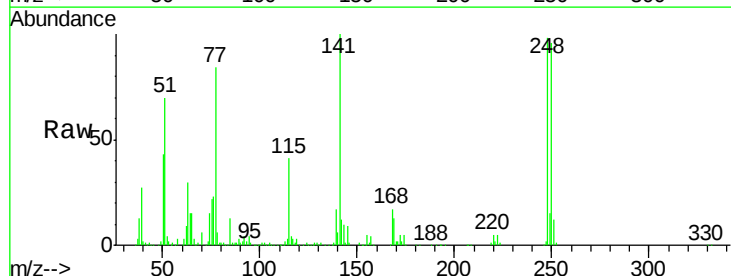
Tgt Ion:248 Resp: 224802

Ion Ratio Lower Upper

248 100

250 97.4 78.6 117.8

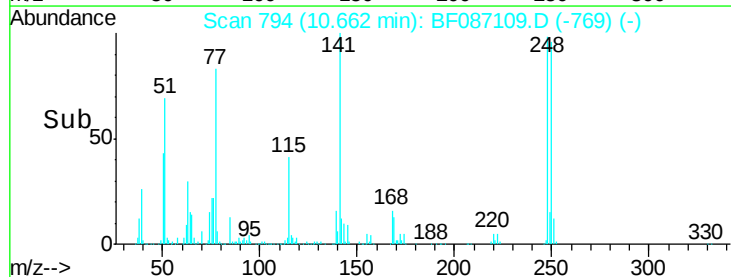
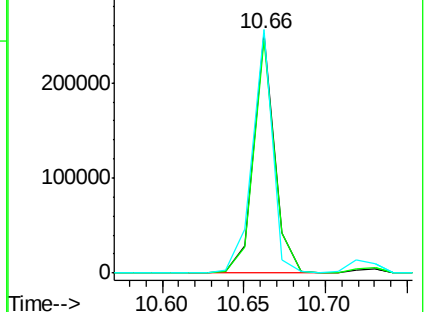
141 101.6 76.0 114.0

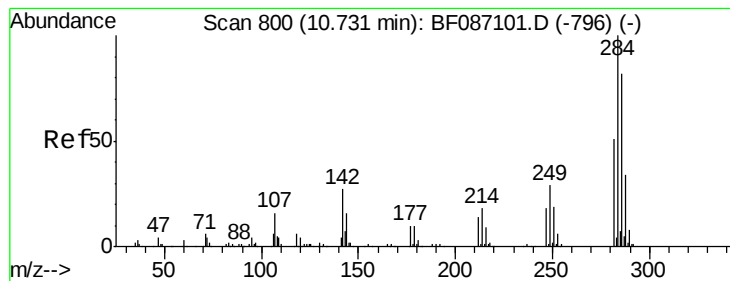


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.19 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

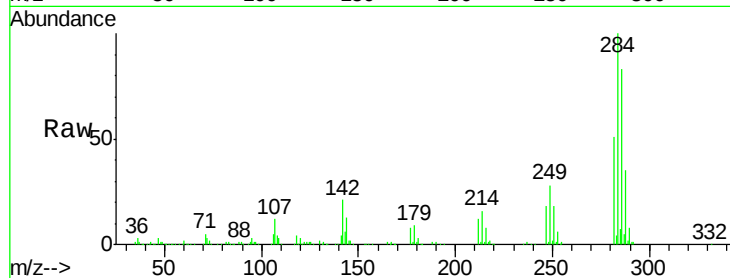
Tgt Ion:284 Resp: 288877

Ion Ratio Lower Upper

284 100

142 21.3 16.7 25.1

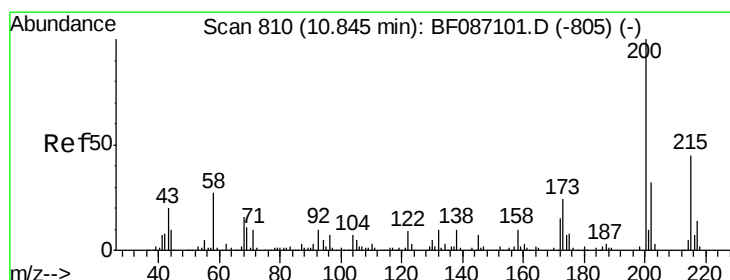
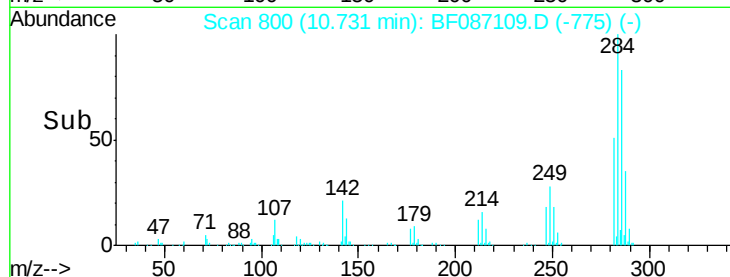
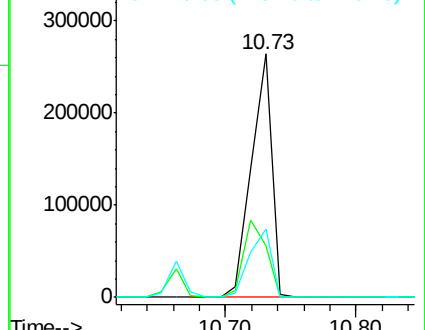
249 27.8 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.36 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

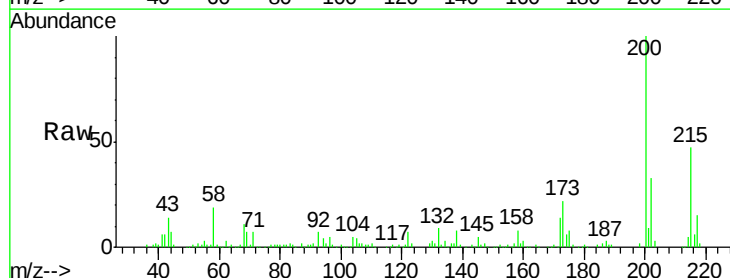
Tgt Ion:200 Resp: 238891

Ion Ratio Lower Upper

200 100

173 22.1 8.5 48.5

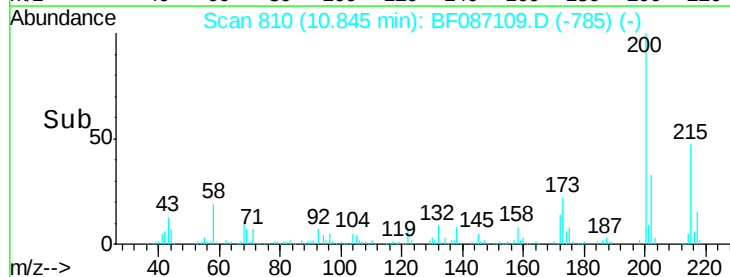
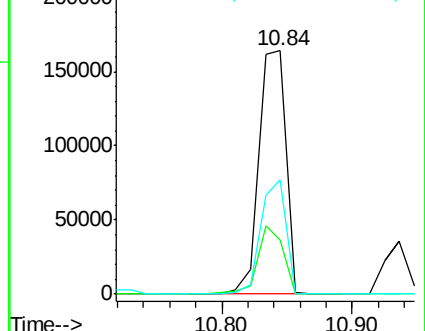
215 46.7 27.2 67.2

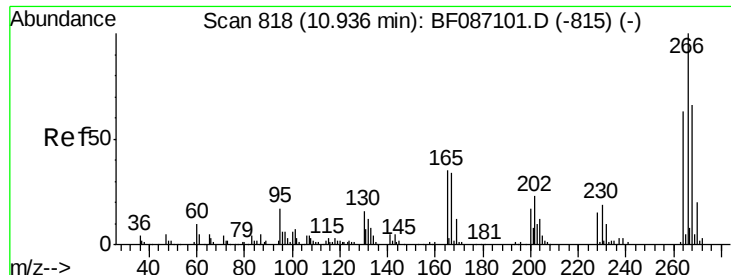


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

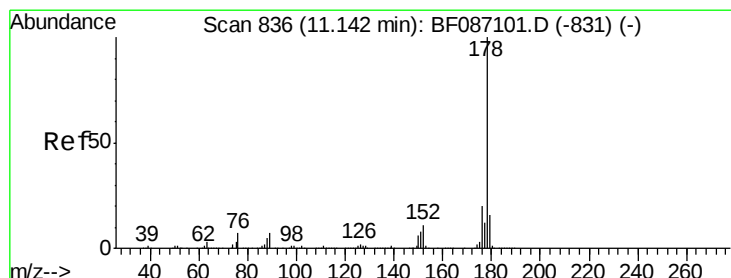
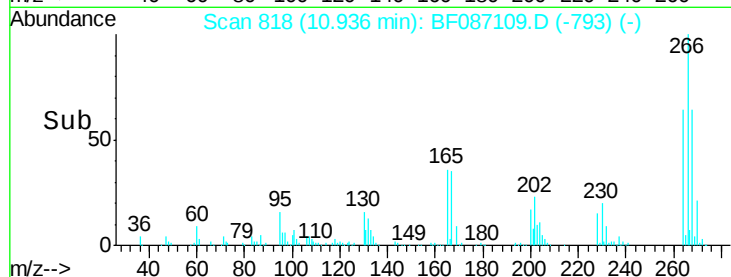
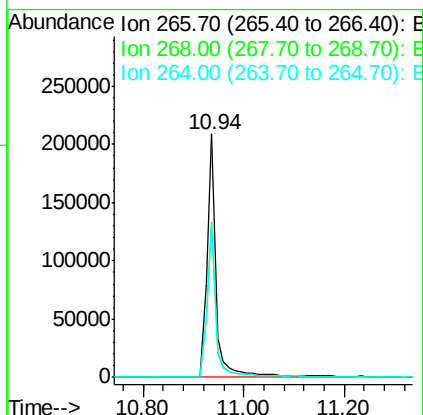
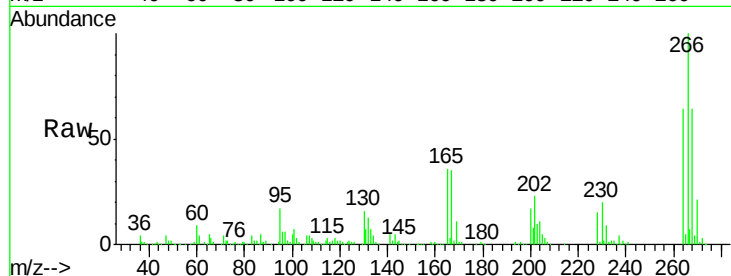




#69
 Pentachlorophenol
 Concen: 113.04 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

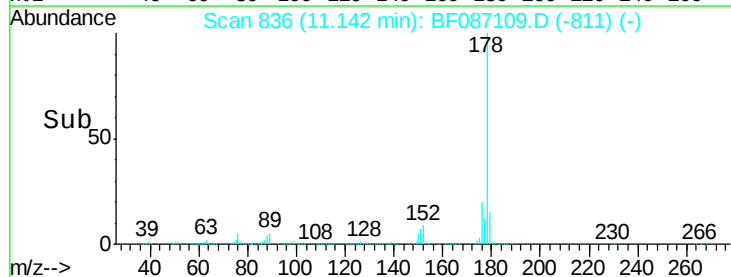
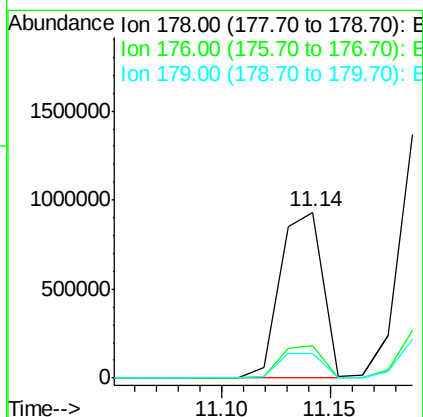
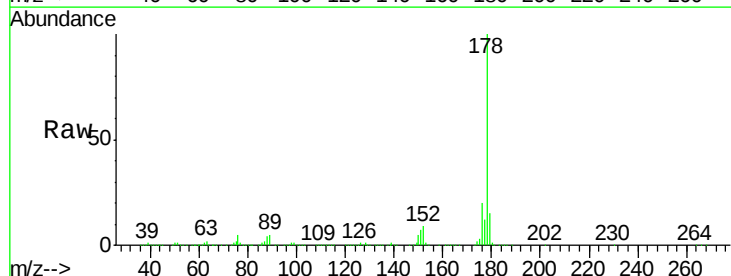
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

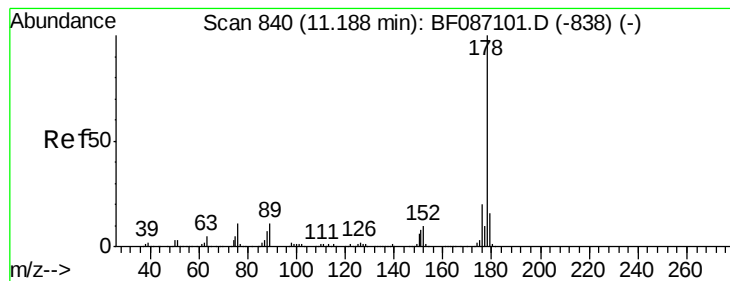
Tgt Ion:266 Resp: 265616
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 63.5 52.9 79.3



#70
 Phenanthrene
 Concen: 44.83 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion:178 Resp: 1275453
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.3 12.6 18.8





#71

Anthracene

Concen: 42.85 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

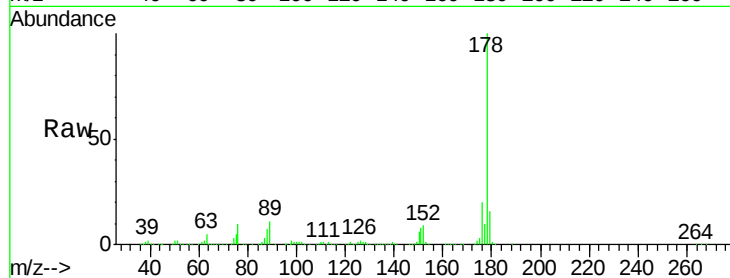
Tgt Ion:178 Resp: 1233138

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

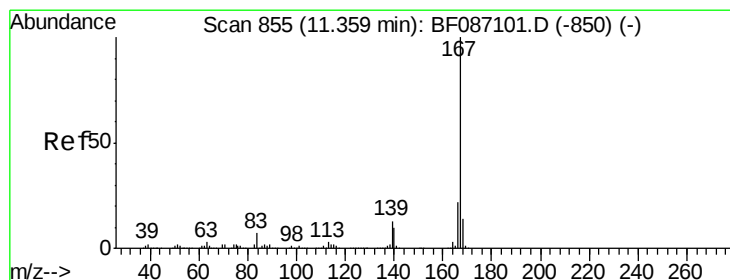
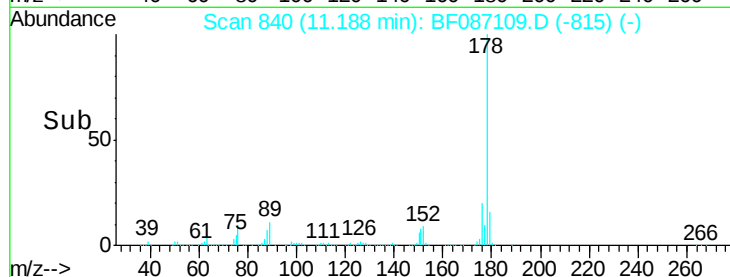
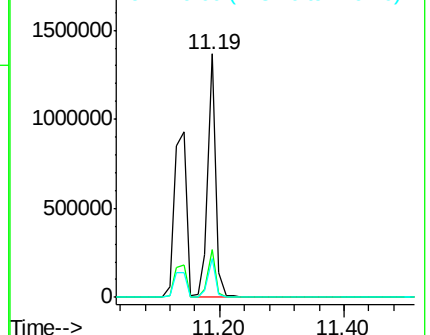
179 16.1 12.7 19.1



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: 42.63 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

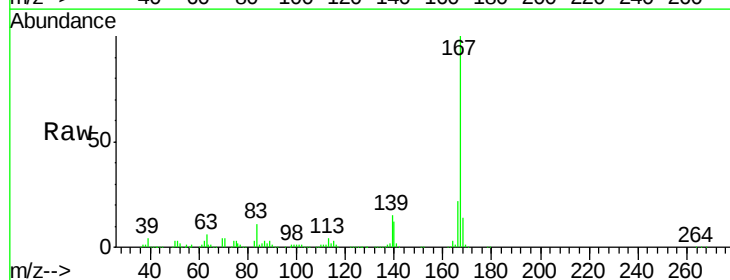
Tgt Ion:167 Resp: 1120673

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

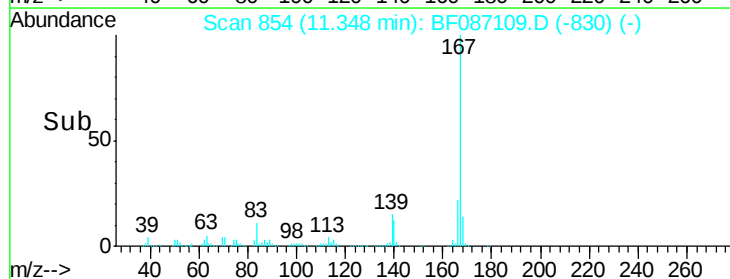
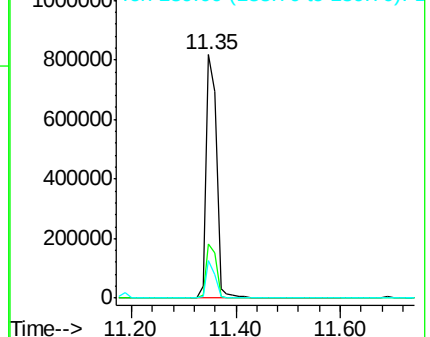
139 15.4 10.8 16.2

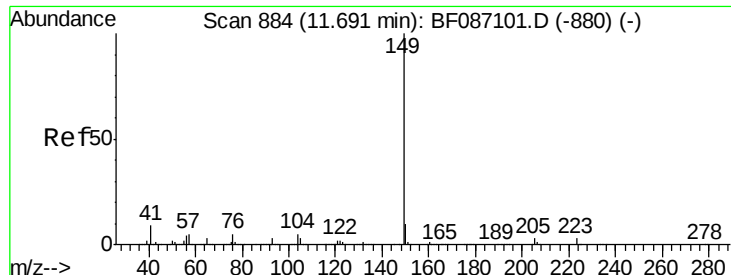


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.67 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

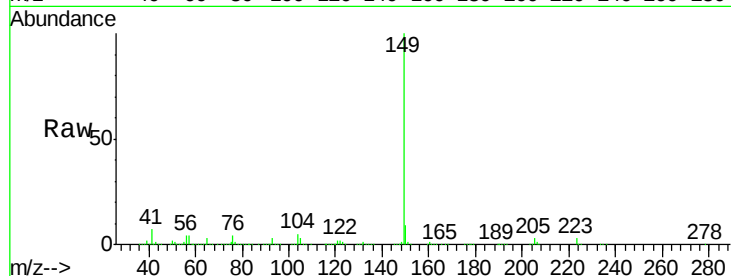
Tgt Ion:149 Resp: 1530035

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

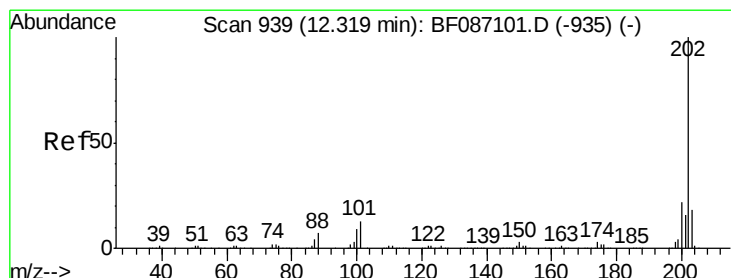
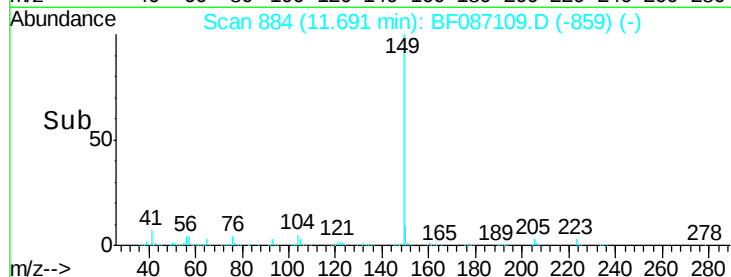
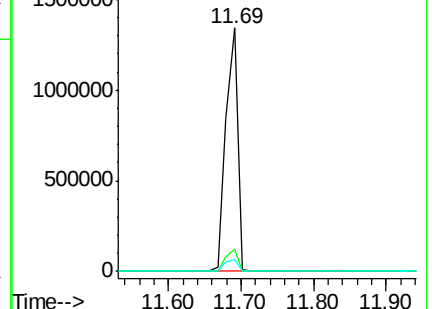
104 4.8 3.8 5.6



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: 47.43 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

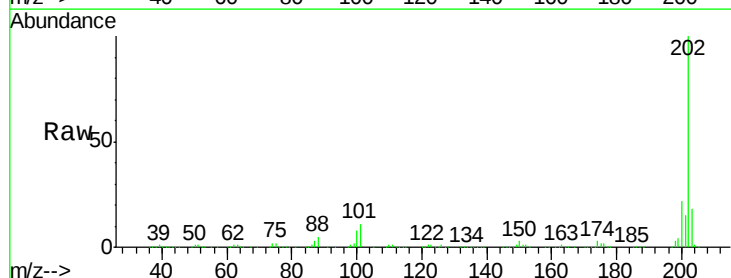
Tgt Ion:202 Resp: 1351984

Ion Ratio Lower Upper

202 100

101 10.8 0.0 35.4

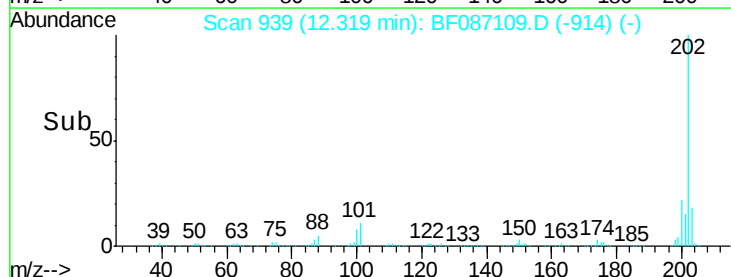
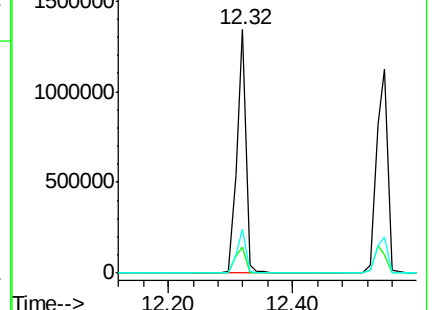
203 18.2 0.0 38.1

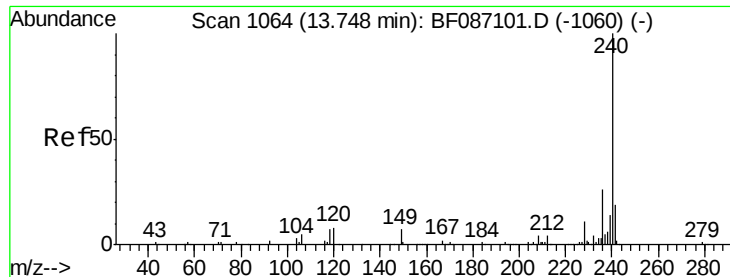


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

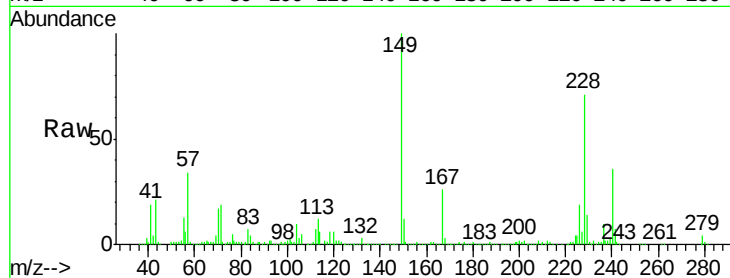
Tgt Ion:240 Resp: 366148

Ion Ratio Lower Upper

240 100

120 17.7 11.2 16.8#

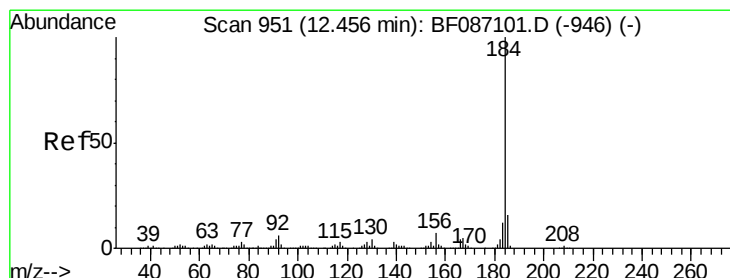
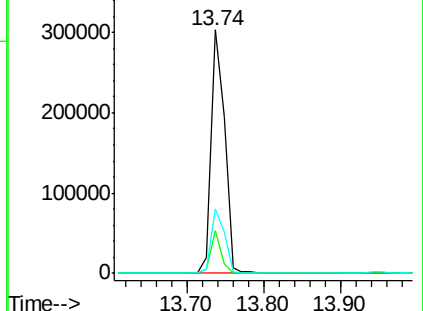
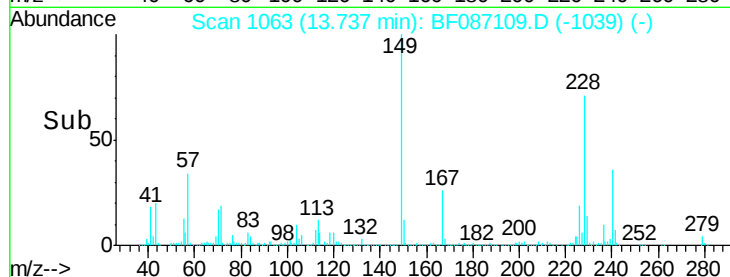
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.19 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

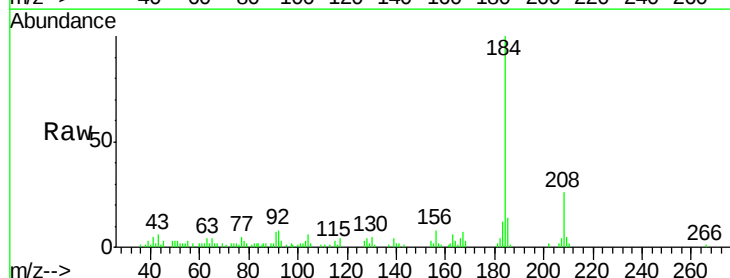
Tgt Ion:184 Resp: 44750

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

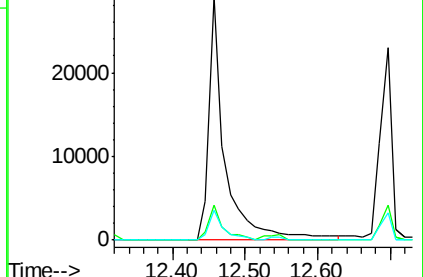
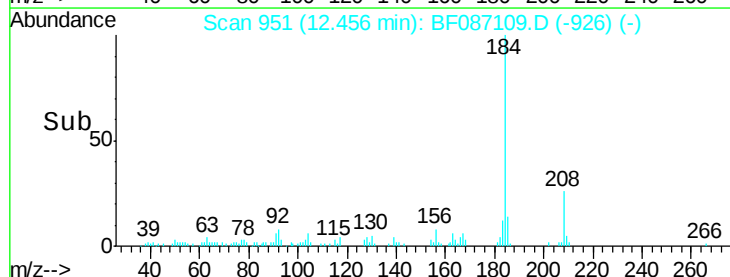
183 12.1 9.8 14.6

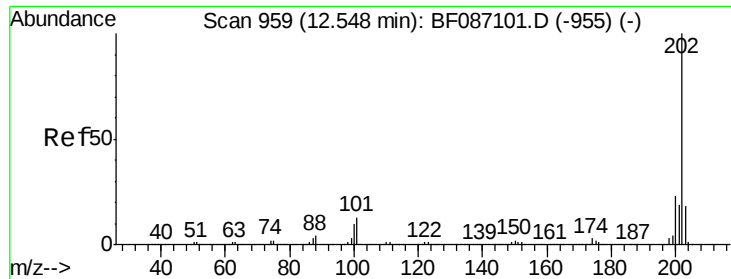


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

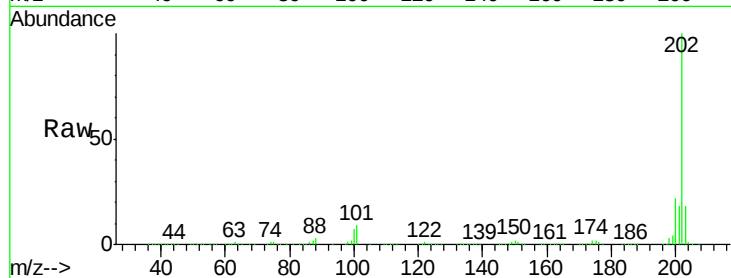




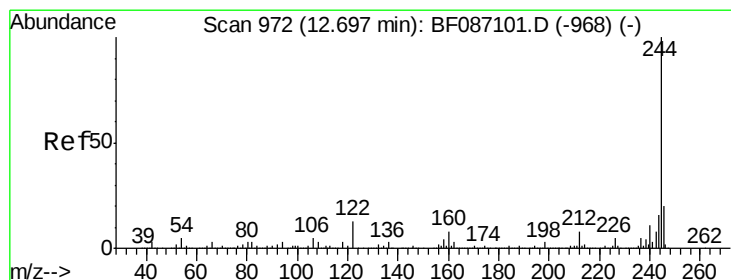
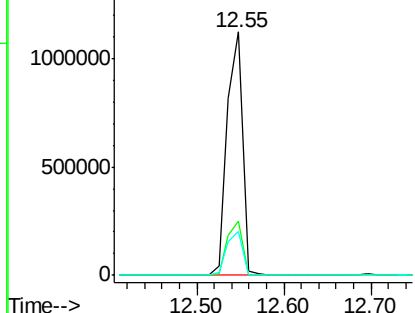
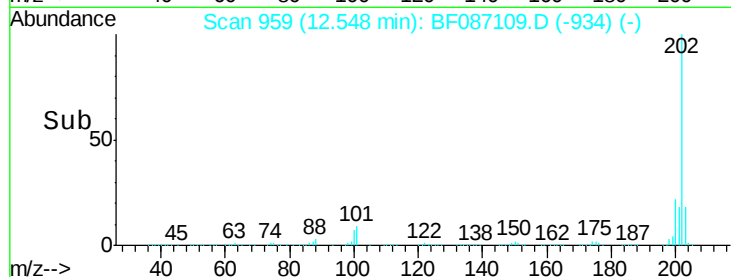
#77
 Pyrene
 Concen: 52.42 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Tgt Ion: 202 Resp: 1386659
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 17.8 14.2 21.4

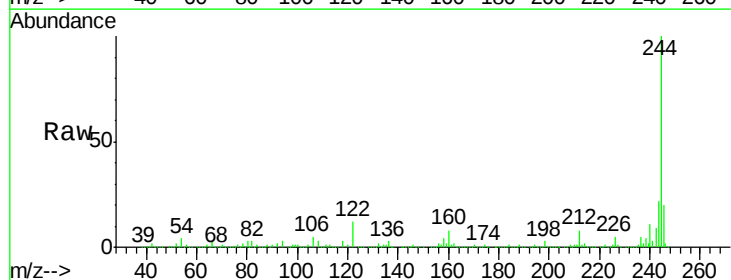


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

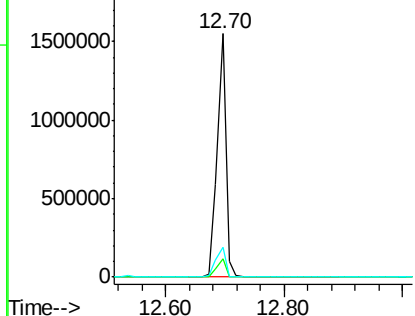
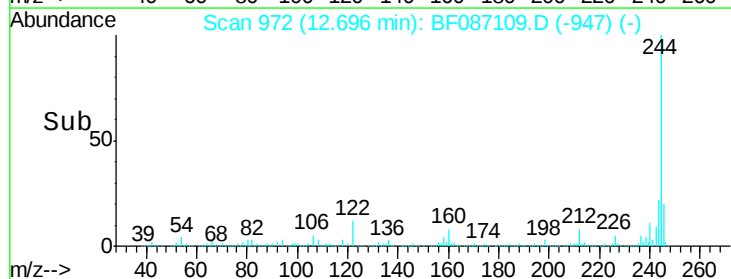


#78
 Terphenyl-d14
 Concen: 97.49 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion: 244 Resp: 1577952
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.4 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

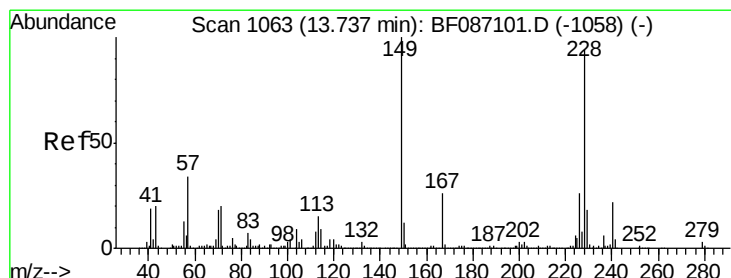
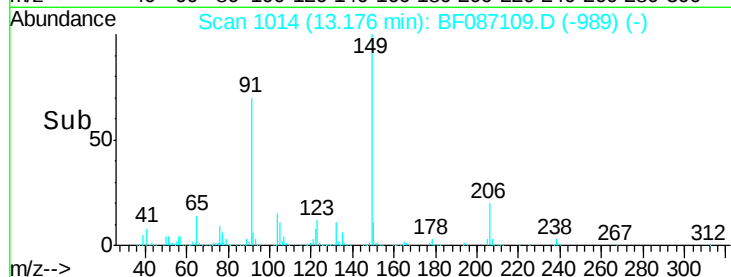
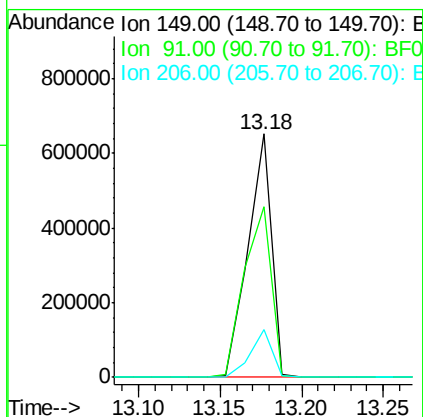
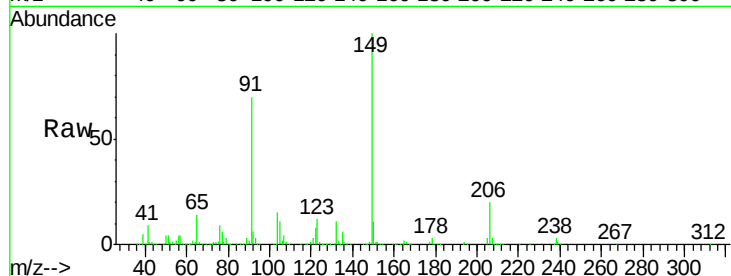




#79
Butylbenzylphthalate
Concen: 58.60 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

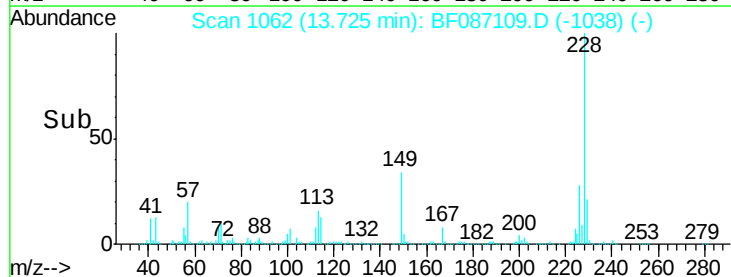
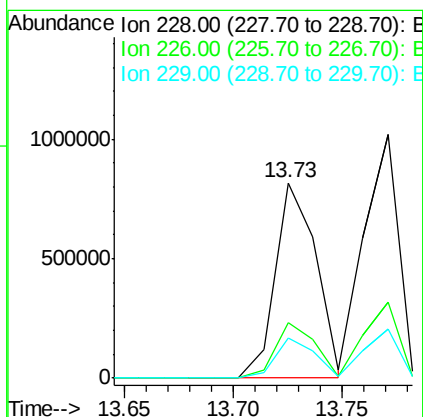
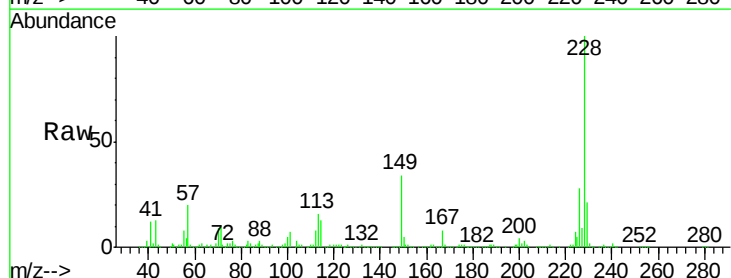
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

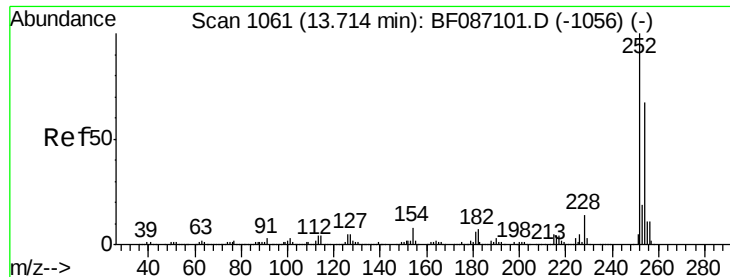
Tgt Ion:149 Resp: 654384
Ion Ratio Lower Upper
149 100
91 70.1 48.0 72.0
206 19.8 15.8 23.6



#80
Benzo(a)anthracene
Concen: 50.71 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion:228 Resp: 1073644
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.6 16.6 25.0

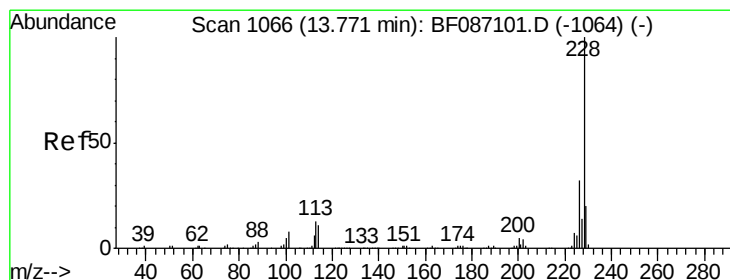
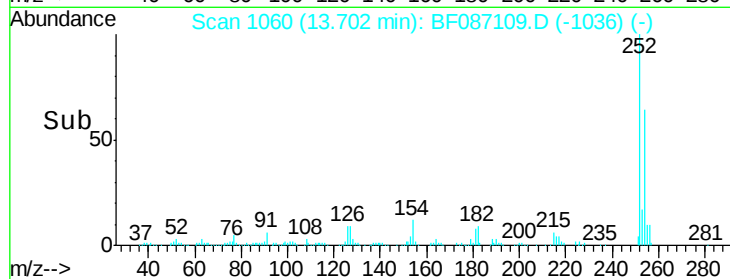
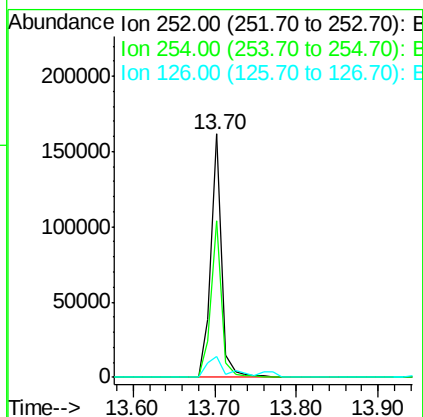
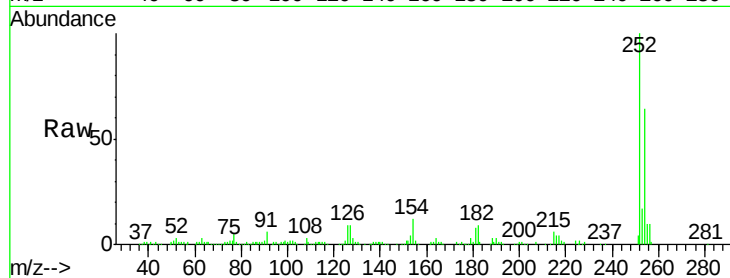




#81
 3,3'-Dichlorobenzidine
 Concen: 11.48 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

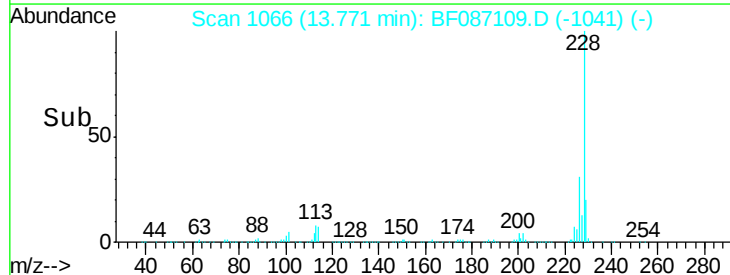
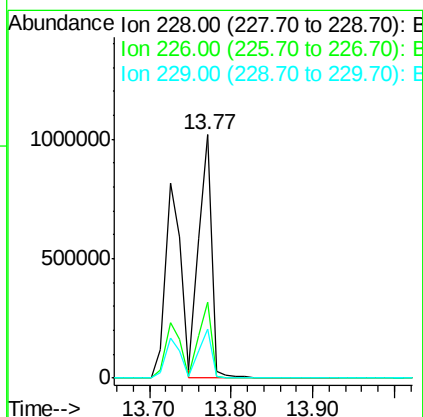
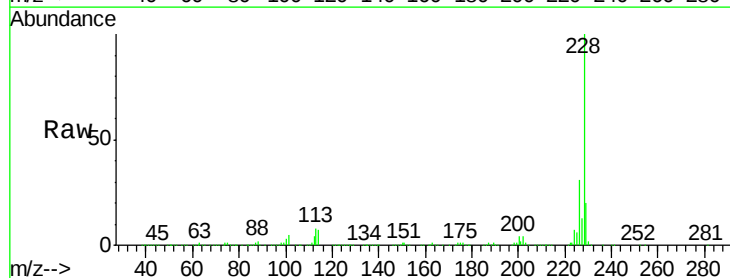
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

Tgt Ion:252 Resp: 154679
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 8.8 12.7 19.1#



#82
 Chrysene
 Concen: 55.81 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion:228 Resp: 1143160
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.4 36.6
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.43 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

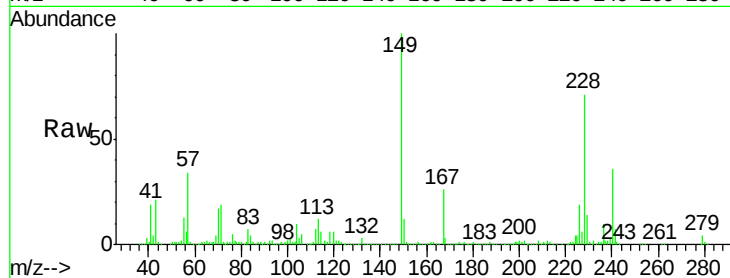
Tgt Ion:149 Resp: 794095

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

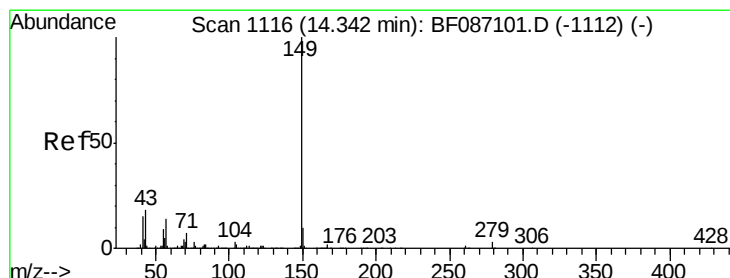
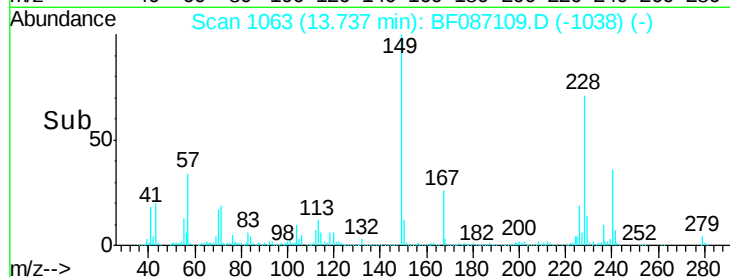
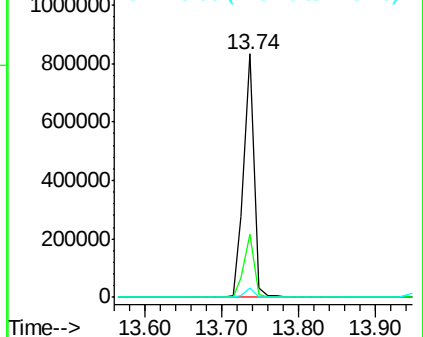
279 3.6 2.6 4.0



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: 57.67 ng

RT: 14.34 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

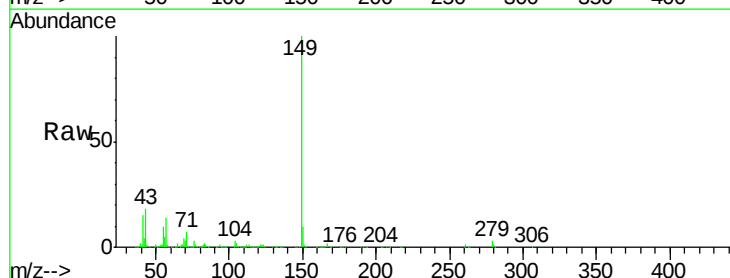
Tgt Ion:149 Resp: 1350123

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

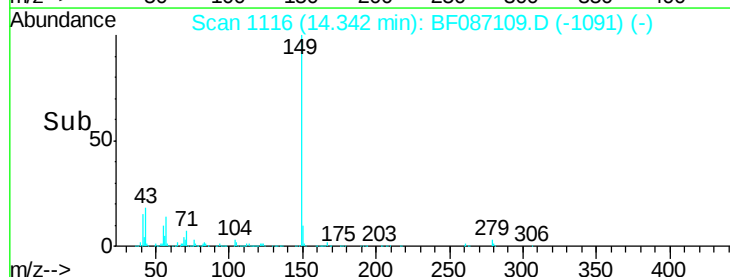
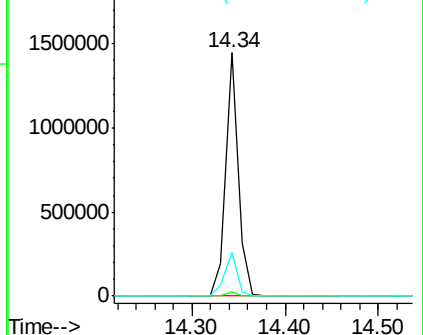
43 17.7 8.2 12.4#

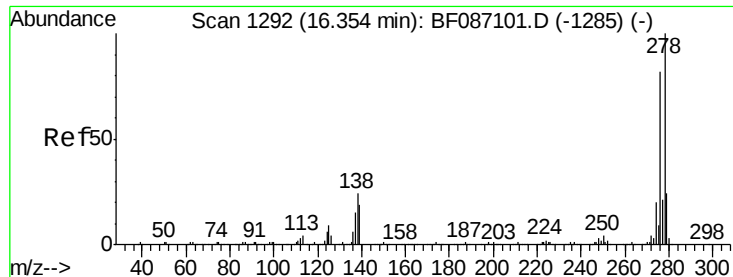


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

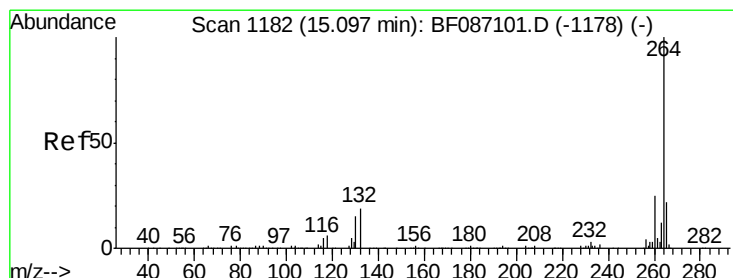
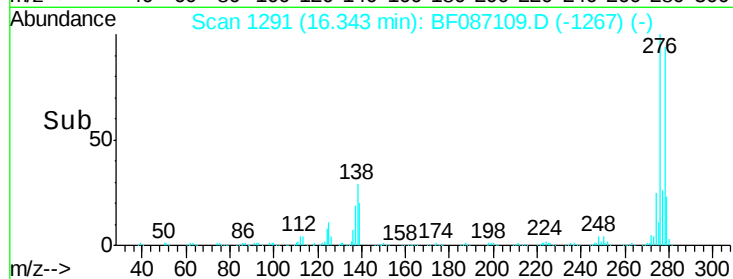
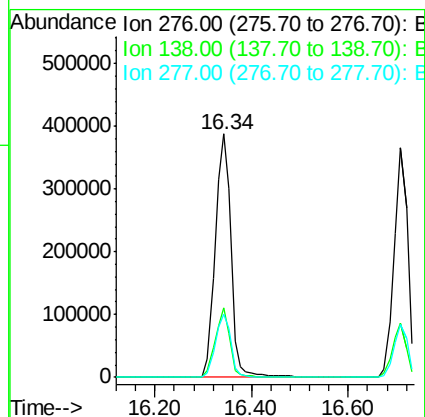
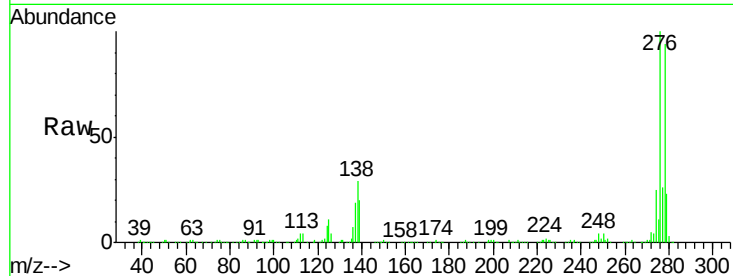




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.97 ng
 RT: 16.34 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

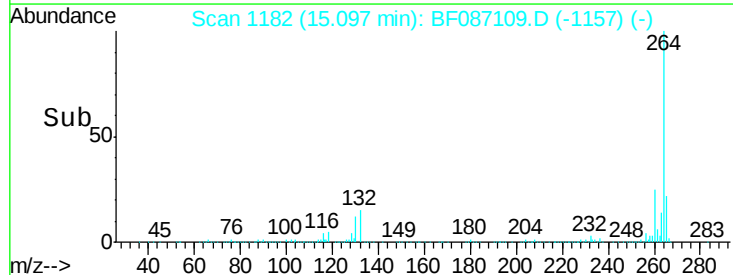
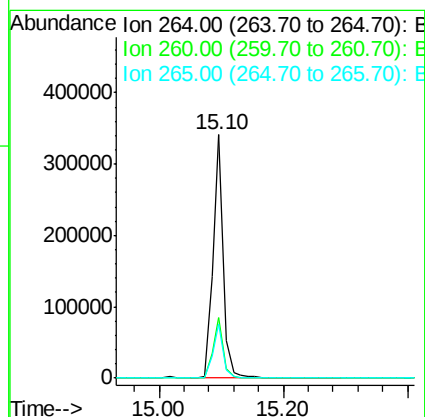
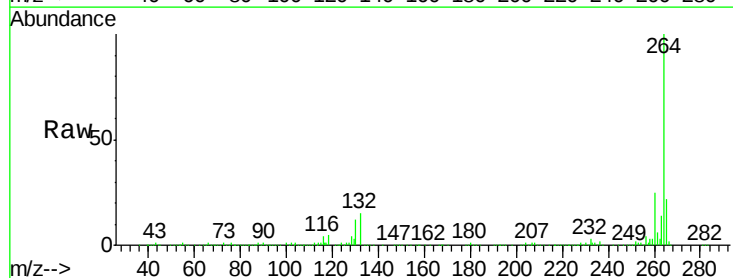
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

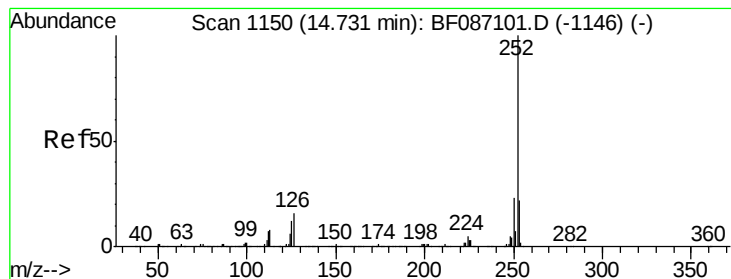
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF087109.D
 Acq: 17 May 2016 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 78.95 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

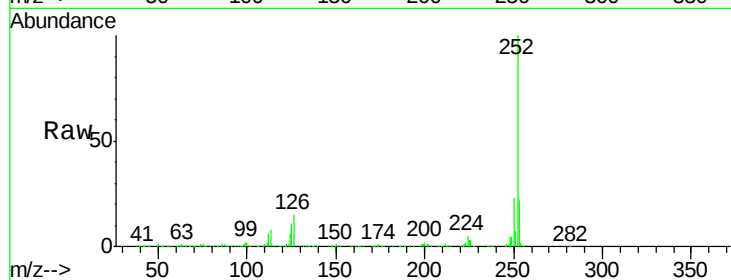
Tgt Ion:252 Resp: 2021803

Ion Ratio Lower Upper

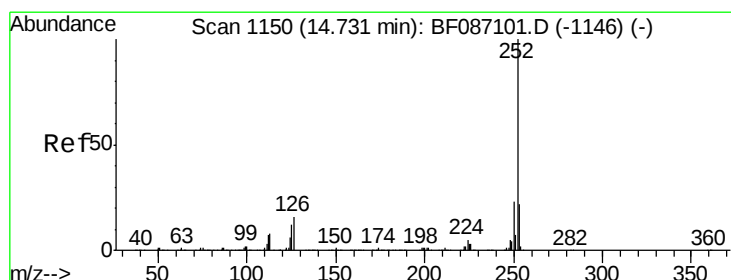
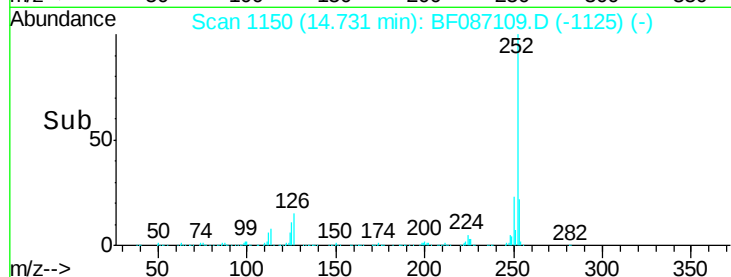
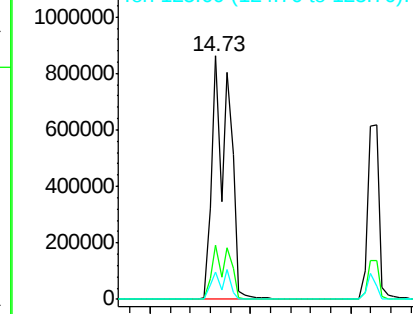
252 100

253 22.3 17.8 26.6

125 11.0 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 106.05 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

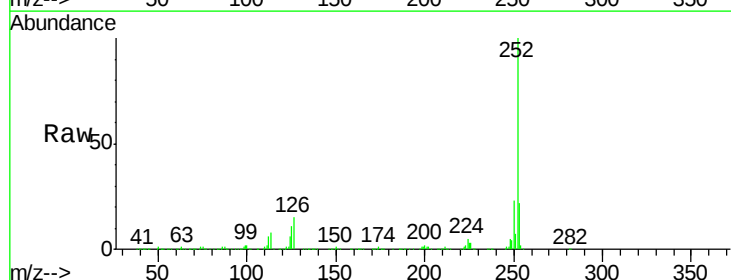
Tgt Ion:252 Resp: 2021803

Ion Ratio Lower Upper

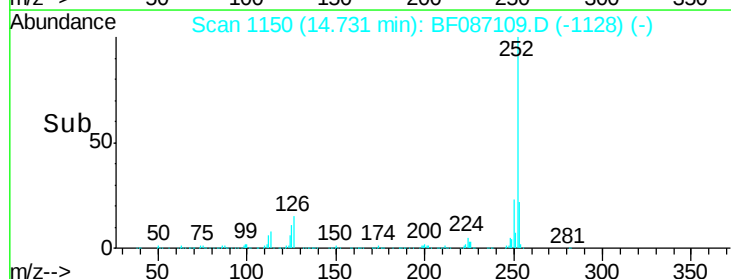
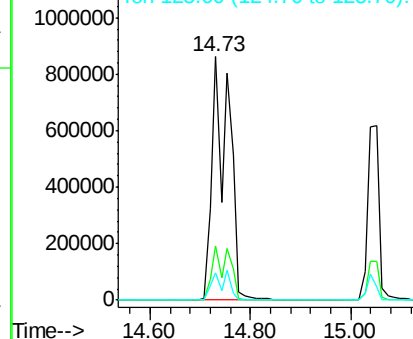
252 100

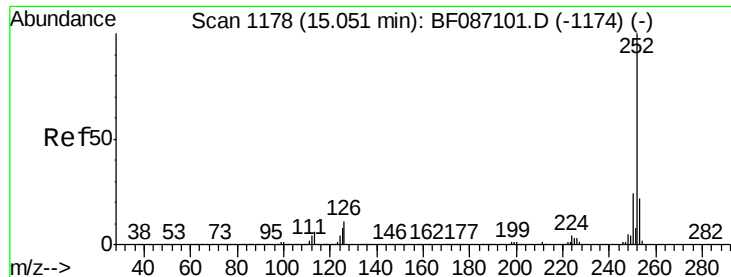
253 22.3 17.8 26.6

125 11.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

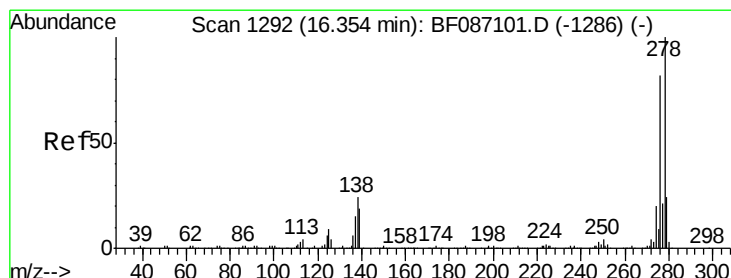
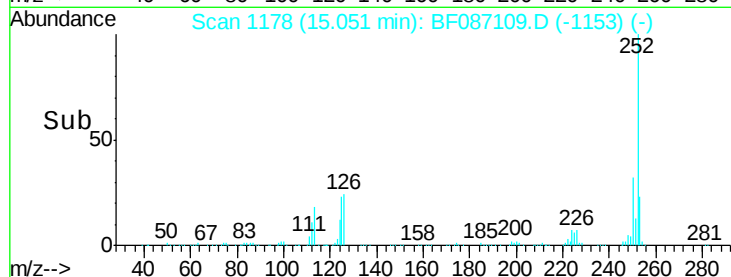
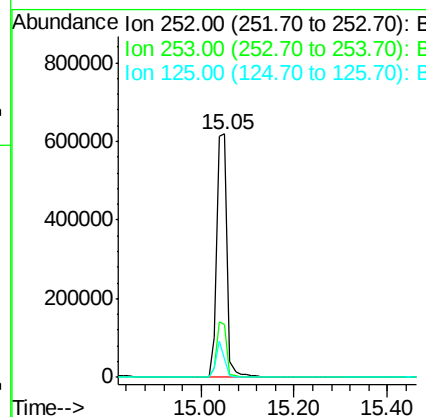
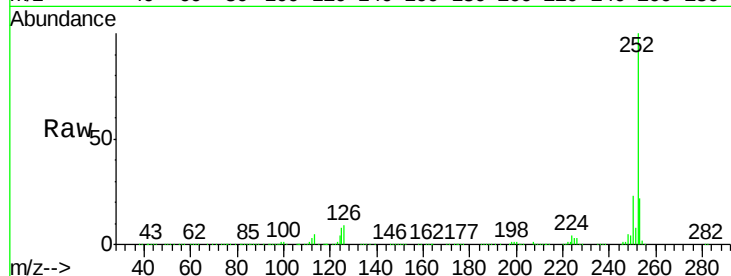




#89
Benzo(a)pyrene
Concen: 45.30 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

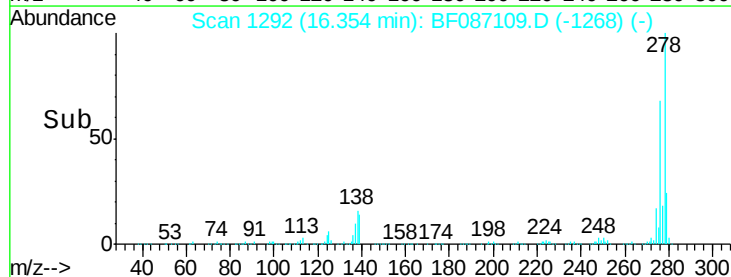
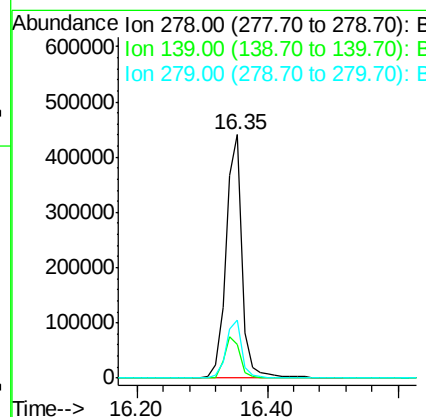
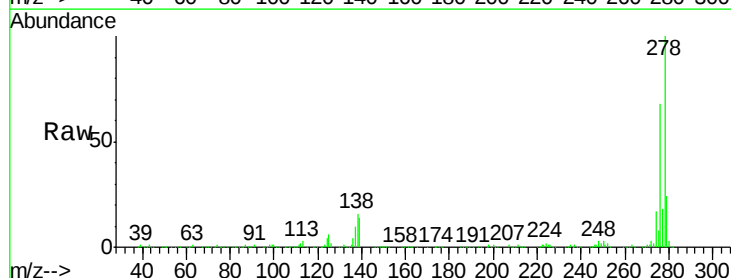
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

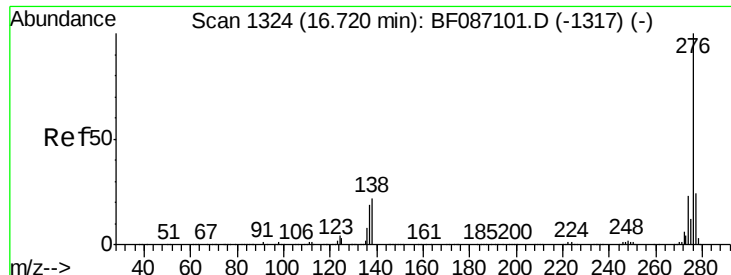
Tgt Ion: 252 Resp: 969680
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 7.6 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.02 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF087109.D
Acq: 17 May 2016 18:34

Tgt Ion: 278 Resp: 757308
Ion Ratio Lower Upper
278 100
139 13.6 16.6 24.8#
279 23.9 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 40.36 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.03 min

Lab File: BF087109.D

Acq: 17 May 2016 18:34

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tgt Ion: 276 Resp: 734703

Ion Ratio Lower Upper

276 100

277 23.1 19.6 29.4

138 23.7 23.6 35.4

