

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
 Data File : BF087089.D
 Acq On : 16 May 2016 18:55
 Operator : UM/SJ
 Sample : H3074-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 17 00:55:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	443544	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	501058	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	201505	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	321408	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	223730	20.00	ng	-0.09
86) Perylene-d12	15.11	264	209749	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	976386	37.28	ng	-0.07
7) Phenol-d6	6.40	99	34021	0.97	ng	0.04
23) Nitrobenzene-d5	7.19	82	919665	92.16	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	250075	117.23	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1368548	114.14	ng	-0.08
78) Terphenyl-d14	12.71	244	1003652	95.18	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	126605	9.85	ng	# 65
3) Pyridine	2.88	79	226431	7.20	ng	# 66
4) n-Nitrosodimethylamine	2.78	42	290053	12.72	ng	# 47
8) 2-Chlorophenol	6.40	128	364833	11.54	ng	# 78
10) Phenol	6.30	94	438454	10.54	ng	75
11) bis(2-Chloroethyl)ether	6.35	93	376647	11.61	ng	84
12) 1,3-Dichlorobenzene	6.63	146	399200	11.67	ng	97
13) 1,4-Dichlorobenzene	6.63	146	399200	11.45	ng	98
14) 1,2-Dichlorobenzene	6.78	146	341787	11.24	ng	95
15) Benzyl Alcohol	6.78	79	342455	14.17	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.90	45	800826	11.35	ng	70
17) 2-Methylphenol	7.06	107	410989	16.34	ng	# 78
19) n-Nitroso-di-n-propylamine	7.19	70	131824	5.39	ng	# 74
20) 3+4-Methylphenols	7.06	107	410297	12.49	ng	# 60
22) Acetophenone	7.03	105	536769	45.35	ng	# 94
24) Nitrobenzene	7.20	77	407409	39.69	ng	92
25) Isophorone	7.45	82	784018	42.35	ng	94
26) 2-Nitrophenol	7.52	139	161451	35.78	ng	# 72
27) 2,4-Dimethylphenol	7.58	122	317490	41.31	ng	# 85
28) bis(2-Chloroethoxy)methane	7.67	93	461969	46.26	ng	98
29) 2,4-Dichlorophenol	7.78	162	287783	42.54	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	300643	39.75	ng	95
31) Naphthalene	7.92	128	1075309	42.85	ng	99
32) Benzoic acid	7.74	122	171425	37.97	ng	# 80
33) 4-Chloroaniline	7.99	127	75903	7.78	ng	# 92
34) Hexachlorobutadiene	8.03	225	170866	38.93	ng	99
35) Caprolactam	8.36	113	72028	31.29	ng	# 46
36) 4-Chloro-3-methylphenol	8.49	107	322213	39.27	ng	88
37) 2-Methylnaphthalene	8.60	142	645104	43.97	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	274495	46.85	ng	99
40) Hexachlorocyclopentadiene	8.75	237	37398	13.45	ng	93
42) 2,4,6-Trichlorophenol	8.90	196	182541	46.59	ng	96
43) 2,4,5-Trichlorophenol	8.96	196	167614	41.37	ng	95
45) 1,1'-Biphenyl	9.07	154	740668	46.21	ng	96

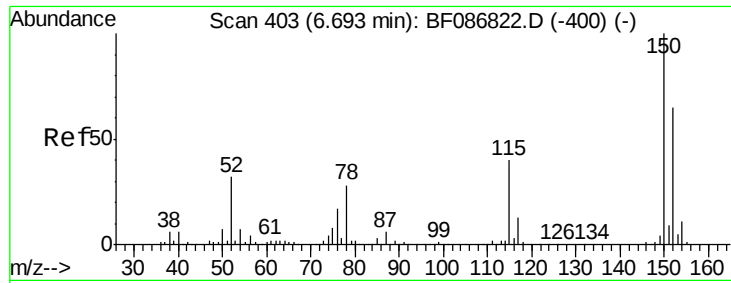
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.10	162	549592	43.77	ng	93
47) 2-Nitroaniline	9.21	65	261307	56.94	ng #	83
48) Acenaphthylene	9.51	152	844037	45.70	ng	99
49) Dimethylphthalate	9.38	163	685443	44.59	ng	99
50) 2,6-Dinitrotoluene	9.45	165	140308	43.37	ng	95
51) Acenaphthene	9.68	154	548413	47.73	ng	98
52) 3-Nitroaniline	9.62	138	78273	22.98	ng	97
53) 2,4-Dinitrophenol	9.74	184	21788	19.60	ng #	74
54) Dibenzofuran	9.85	168	740885	50.23	ng	95
55) 4-Nitrophenol	9.85	139	481686	204.56	ng #	21
56) 2,4-Dinitrotoluene	9.85	165	138058	34.48	ng #	37
57) Fluorene	10.19	166	611390	48.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	133771	43.86	ng	97
59) Diethylphthalate	10.08	149	643193	42.93	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	264572	49.58	ng #	76
61) 4-Nitroaniline	10.24	138	149267	45.63	ng	89
62) Azobenzene	10.34	77	702781	43.48	ng	82
64) 4,6-Dinitro-2-methylphenol	10.26	198	18624	9.33	ng #	23
65) n-Nitrosodiphenylamine	10.31	169	486685	49.29	ng	100
66) 4-Bromophenyl-phenylether	10.67	248	159668	49.00	ng	97
67) Hexachlorobenzene	10.74	284	172759	45.36	ng	99
68) Atrazine	10.84	200	131145	39.76	ng	95
69) Pentachlorophenol	10.95	266	147689	83.91	ng	98
70) Phenanthrene	11.14	178	753921	43.95	ng	100
71) Anthracene	11.20	178	817774	46.62	ng	99
72) Carbazole	11.36	167	669040	44.37	ng	98
73) Di-n-butylphthalate	11.70	149	952514	51.72	ng	98
74) Fluoranthene	12.33	202	808325	45.82	ng	94
76) Benzidine	12.47	184	225692	39.57	ng	96
77) Pyrene	12.56	202	789961	46.12	ng	99
79) Butylbenzylphthalate	13.19	149	364430	50.30	ng	90
80) Benzo(a)anthracene	13.74	228	622918	49.60	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	201171	25.21	ng #	97
82) Chrysene	13.78	228	632448	49.50	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	490722	56.31	ng	98
84) Di-n-octyl phthalate	14.35	149	829382	57.45	ng #	83
85) Indeno(1,2,3-cd)pyrene	16.37	276	522441	49.15	ng	96
87) Benzo(b)fluoranthene	14.74	252	1122870	82.37	ng	98
88) Benzo(k)fluoranthene	14.74	252	1123742	100.68	ng	100
89) Benzo(a)pyrene	15.06	252	544432	46.30	ng	97
90) Dibenzo(a,h)anthracene	16.38	278	450196	45.43	ng #	93
91) Benzo(g,h,i)perylene	16.73	276	420021	41.71	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

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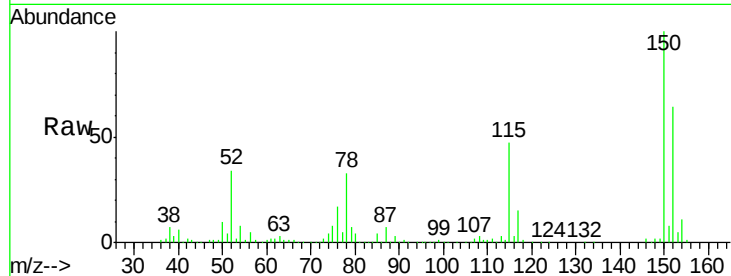
Tgt Ion:152 Resp: 443544

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

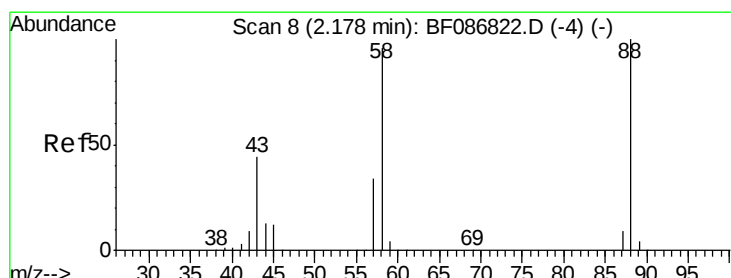
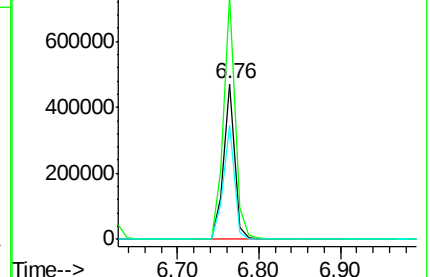
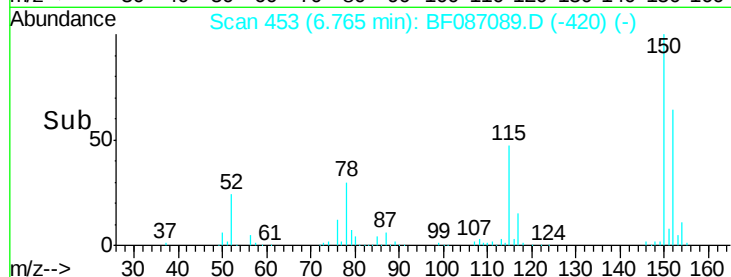
115 73.8 51.5 77.3



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: 9.85 ng

RT: 2.23 min Scan# 56

Delta R.T. 0.05 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

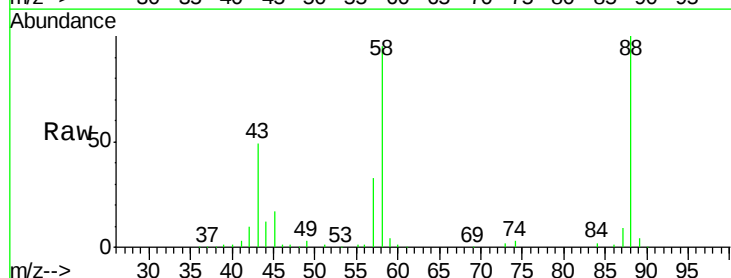
Tgt Ion: 88 Resp: 126605

Ion Ratio Lower Upper

88 100

58 98.6 59.6 89.4#

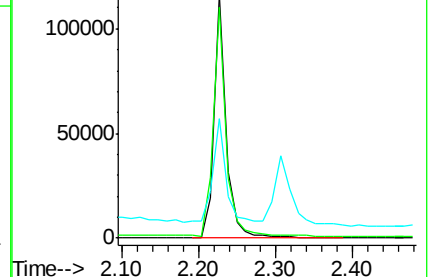
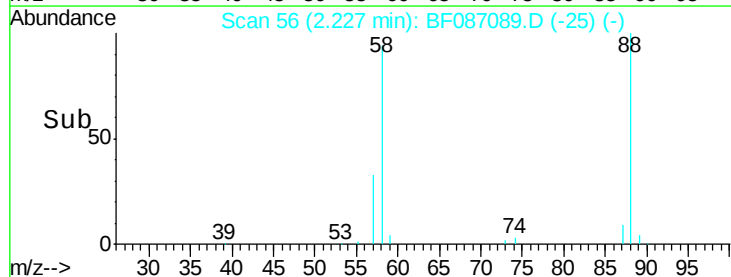
43 0.0 21.8 32.6#

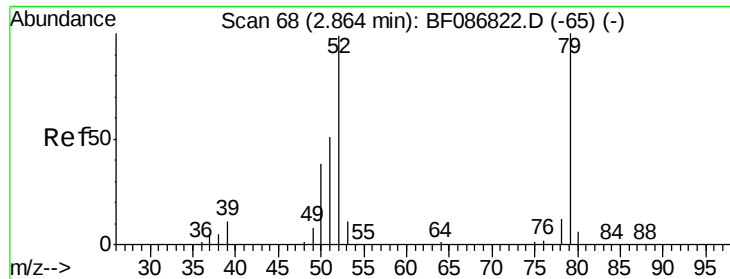


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 7.20 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

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ClientSampleId :

HSR-WC-44-051216MS

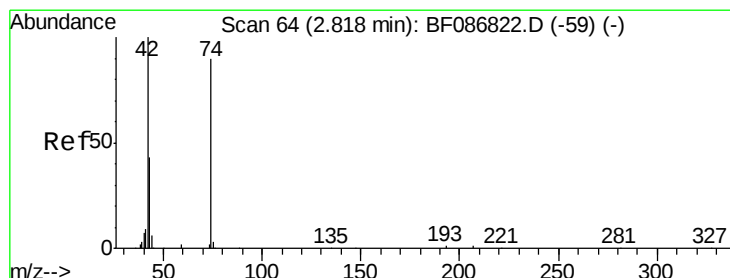
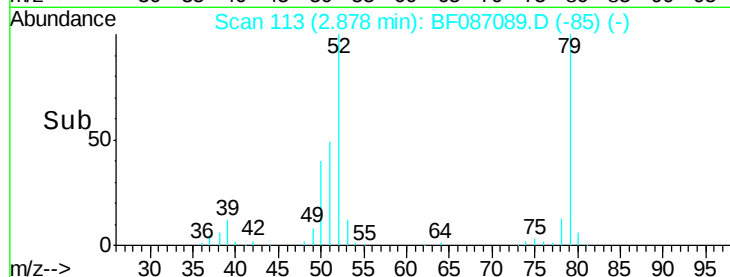
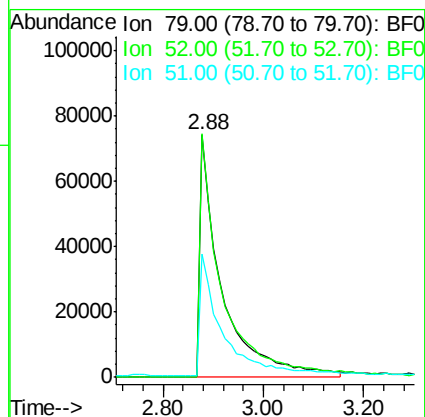
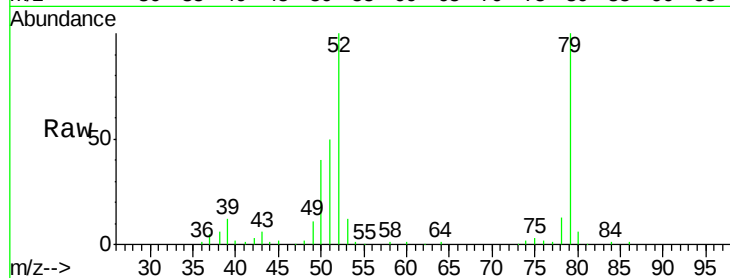
Tgt Ion: 79 Resp: 226431

Ion Ratio Lower Upper

79 100

52 100.3 55.9 83.9#

51 50.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.72 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.04 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

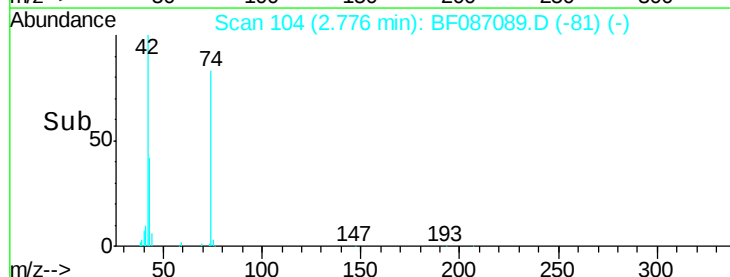
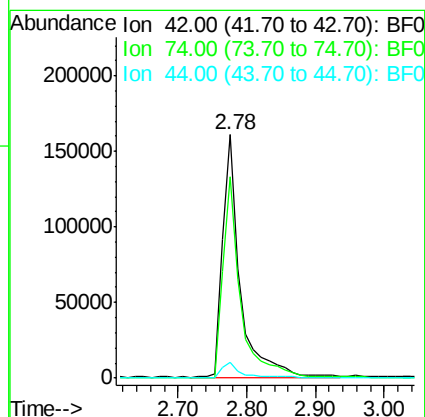
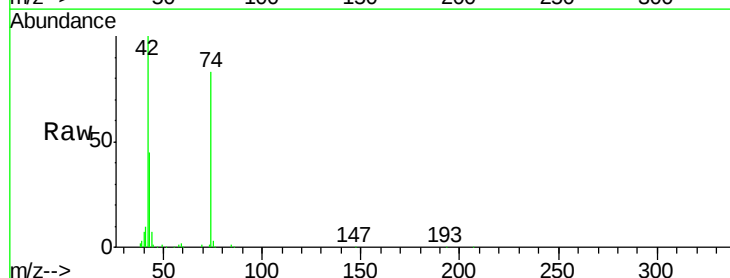
Tgt Ion: 42 Resp: 290053

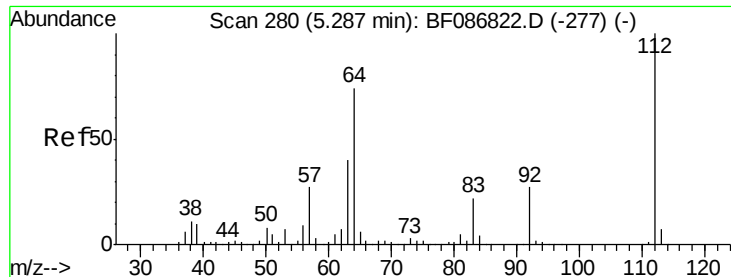
Ion Ratio Lower Upper

42 100

74 83.0 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 37.28 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

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HSR-WC-44-051216MS

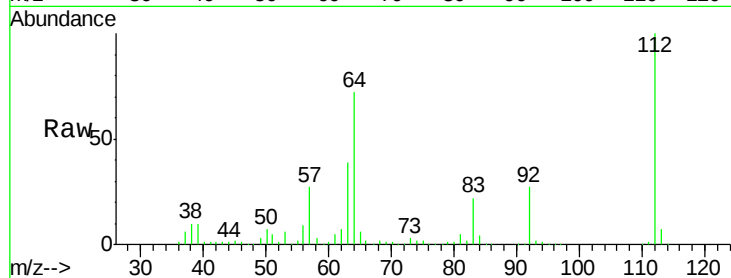
Tgt Ion: 112 Resp: 976386

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

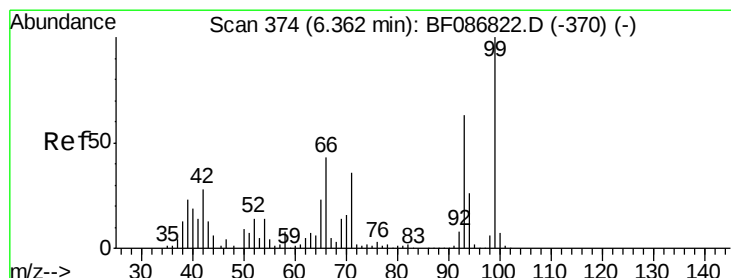
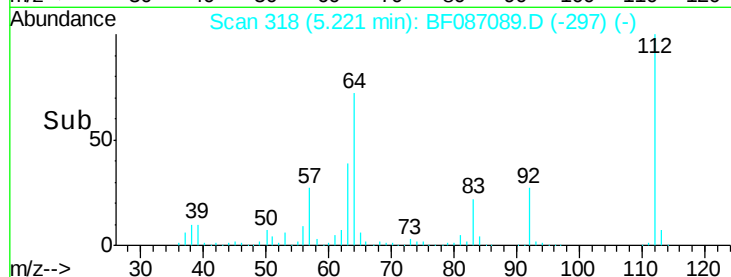
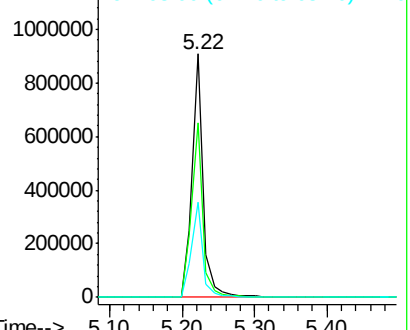
63 39.0 25.7 38.5#



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



#7

Phenol-d6

Concen: 0.97 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

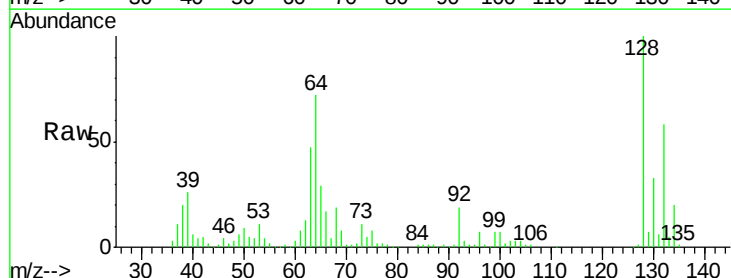
Tgt Ion: 99 Resp: 34021

Ion Ratio Lower Upper

99 100

42 69.3 13.6 20.4#

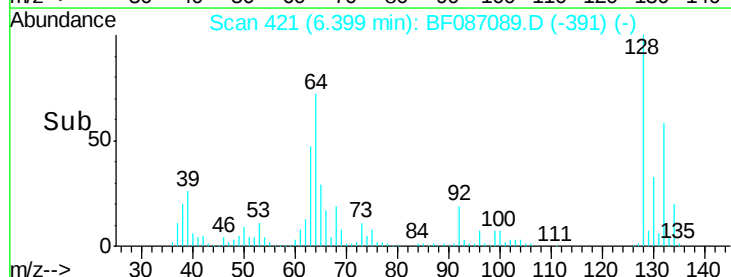
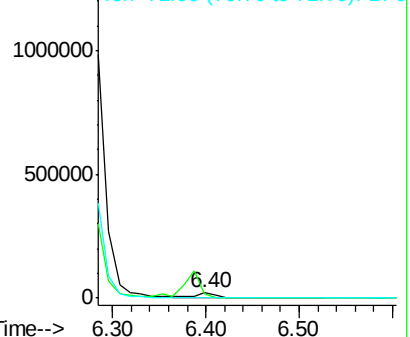
71 9.7 24.6 36.8#

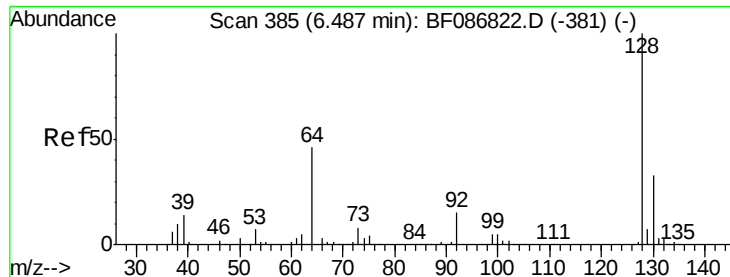


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 11.54 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087089.D

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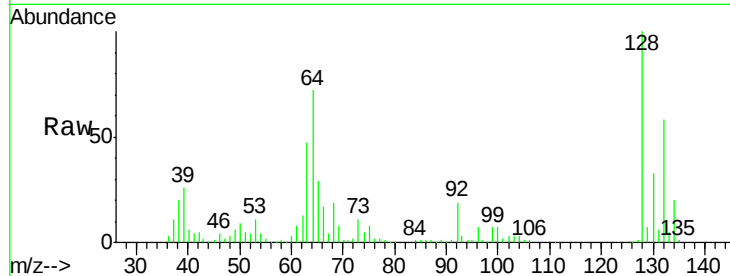
Tgt Ion:128 Resp: 364833

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

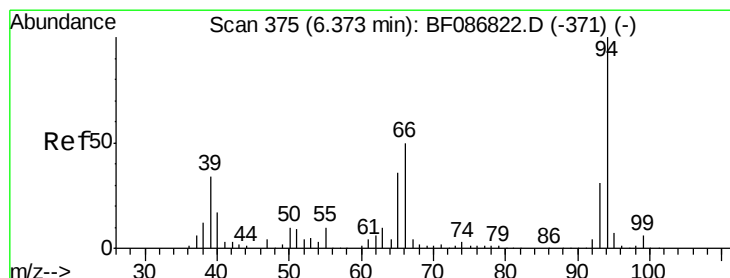
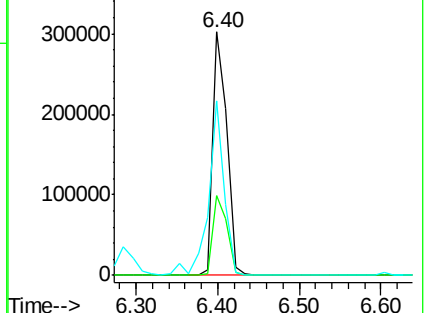
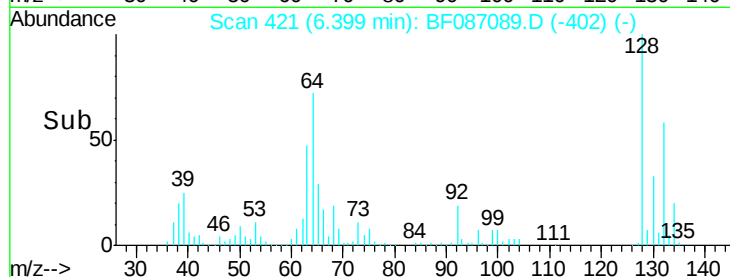
64 71.6 27.3 67.3#



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



#10

Phenol

Concen: 10.54 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

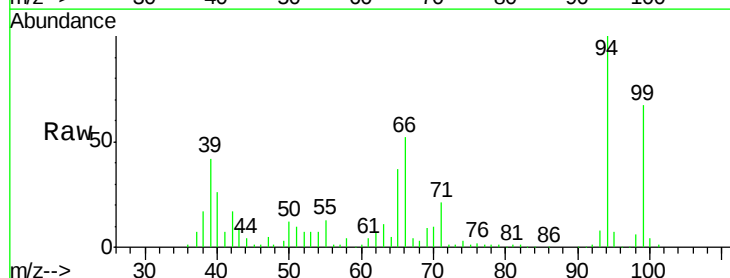
Tgt Ion: 94 Resp: 438454

Ion Ratio Lower Upper

94 100

65 37.4 7.2 47.2

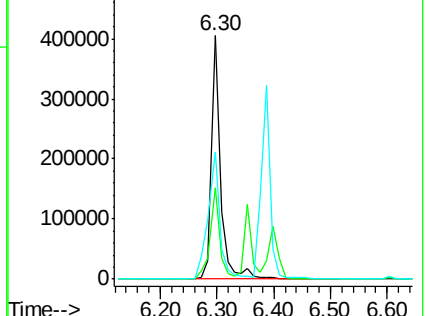
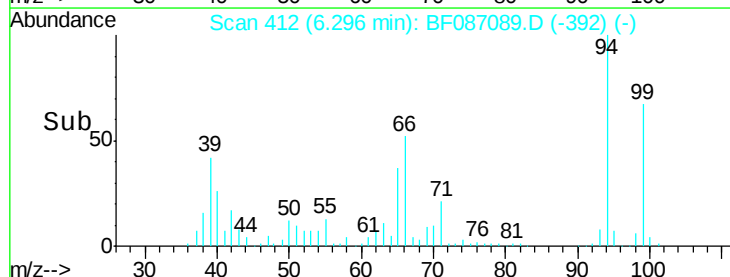
66 52.1 14.9 54.9

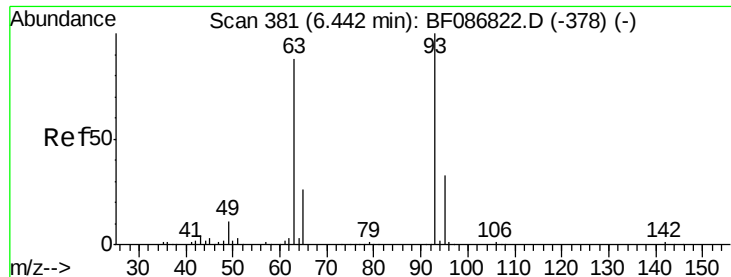


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

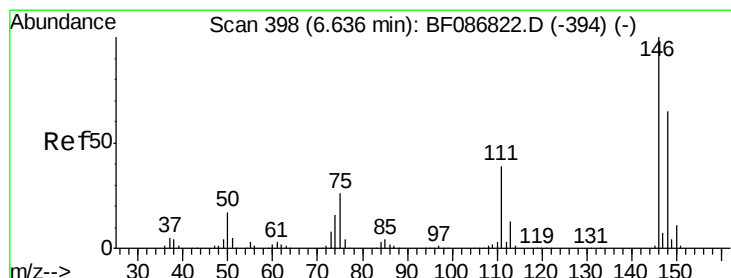
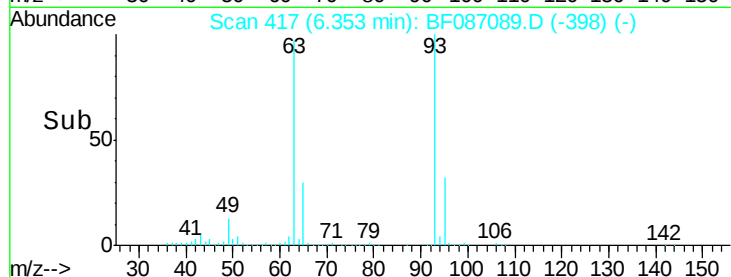
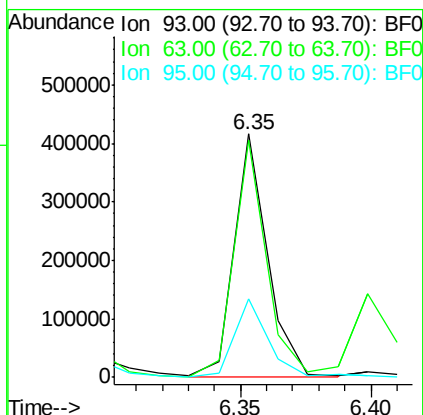
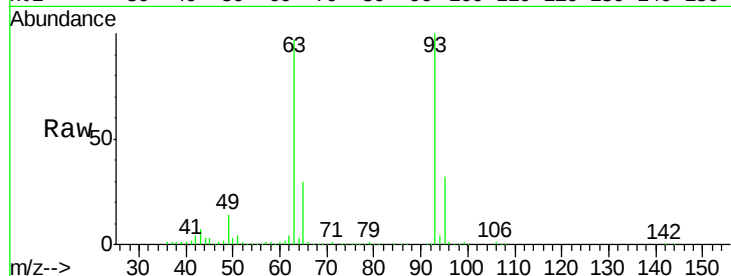




#11
bis(2-Chloroethyl)ether
Concen: 11.61 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

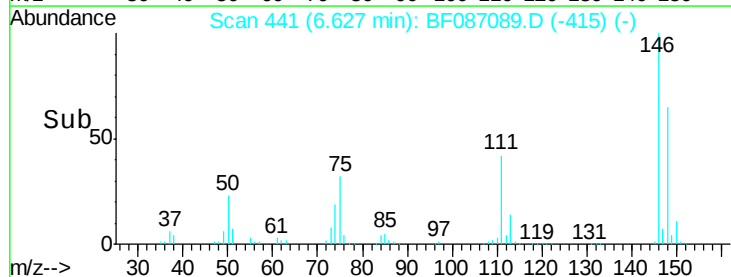
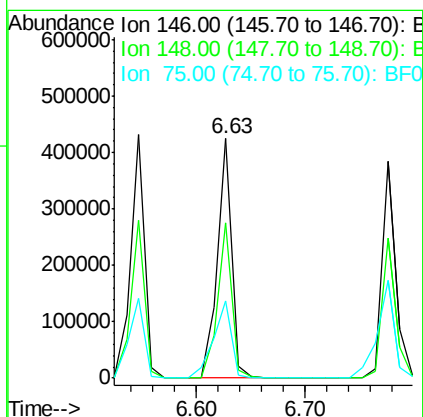
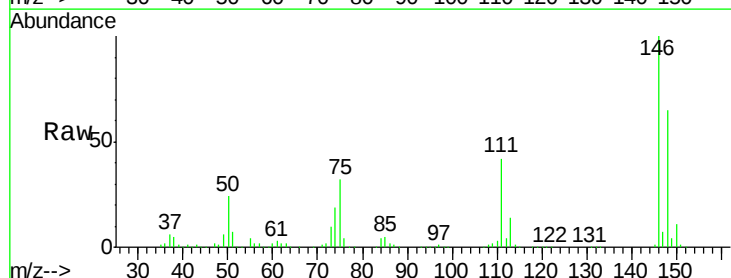
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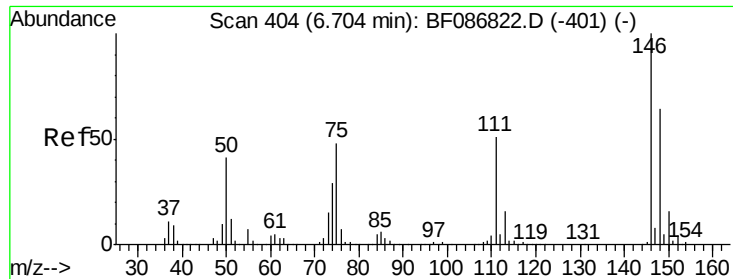
Tgt Ion: 93 Resp: 376647
Ion Ratio Lower Upper
93 100
63 97.5 58.0 98.0
95 32.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 11.67 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion: 146 Resp: 399200
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
75 32.1 22.8 34.2

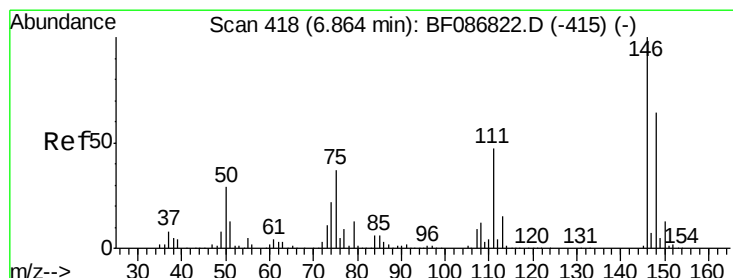
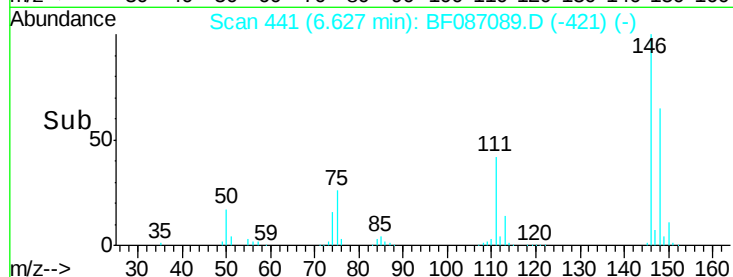
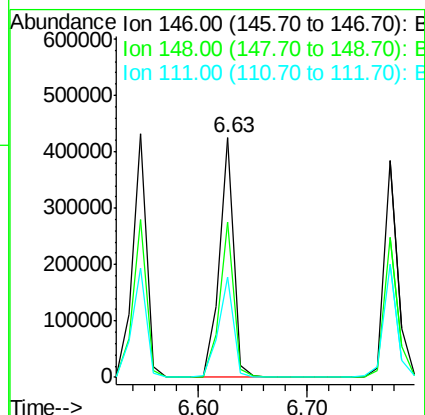
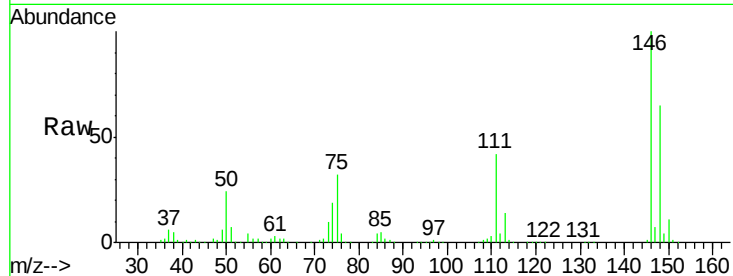




#13
 1,4-Dichlorobenzene
 Concen: 11.45 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

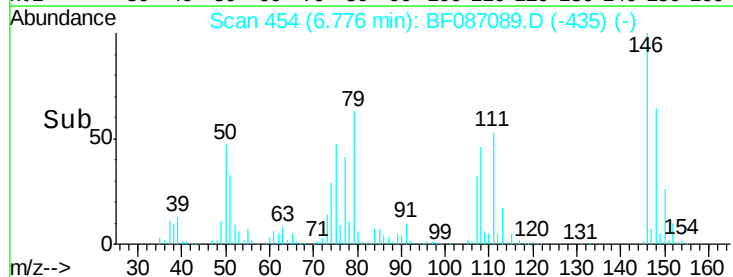
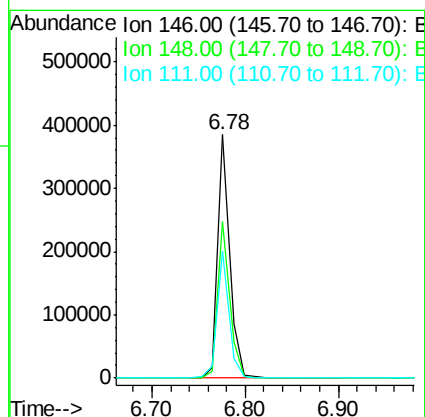
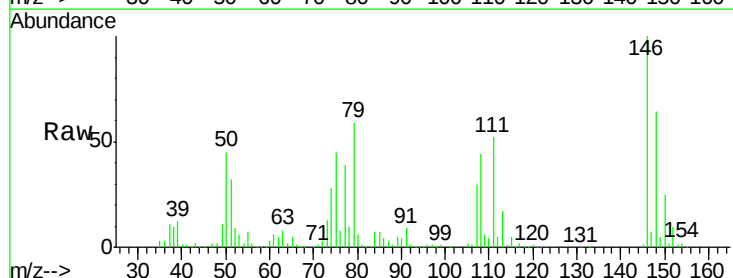
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

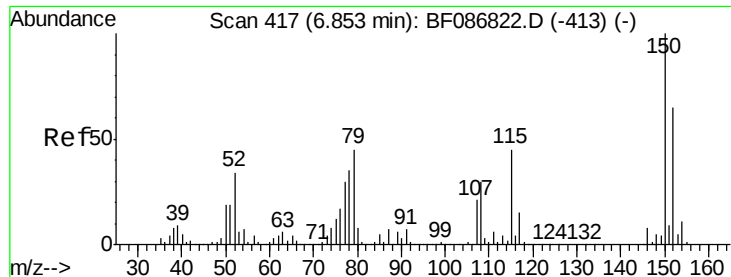
Tgt Ion:146 Resp: 399200
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 41.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 11.24 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:146 Resp: 341787
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 111 52.1 36.2 54.4

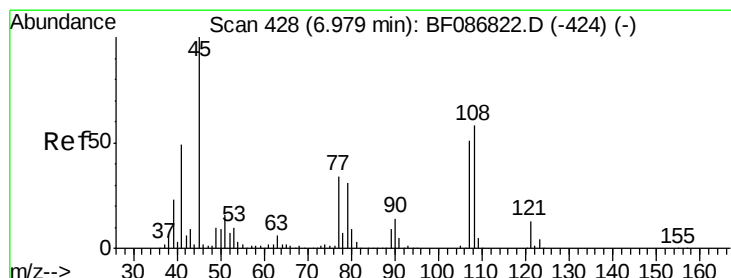
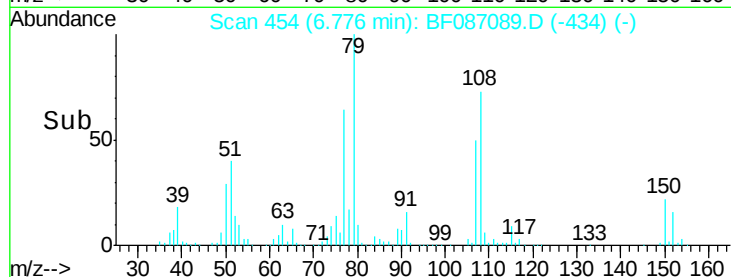
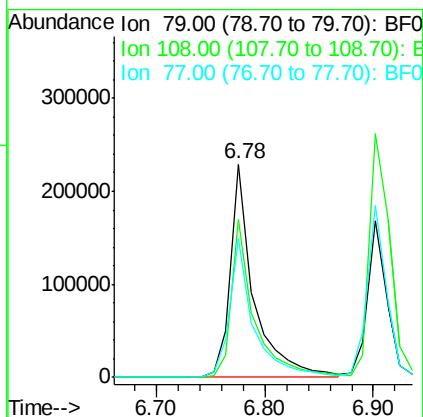
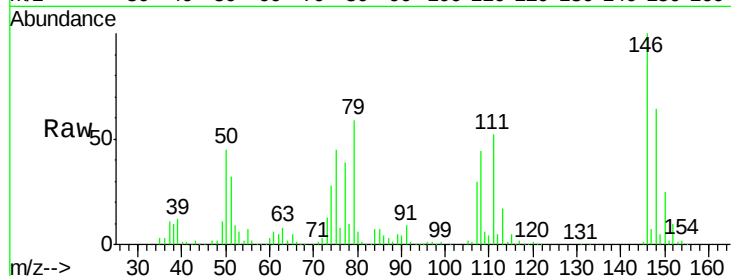




#15
Benzyl Alcohol
Concen: 14.17 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

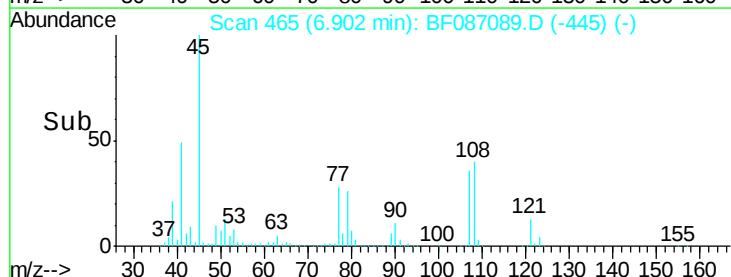
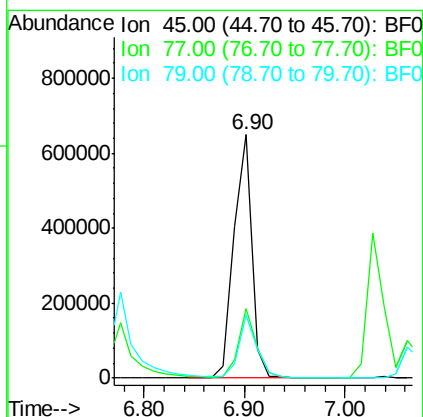
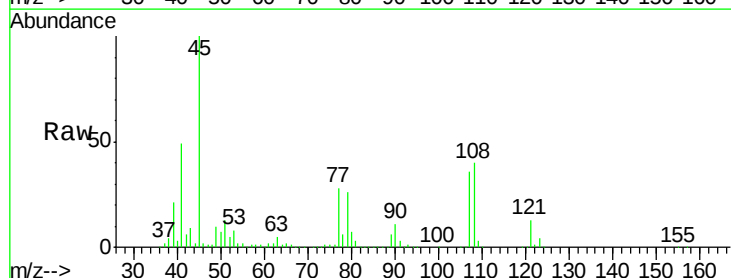
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

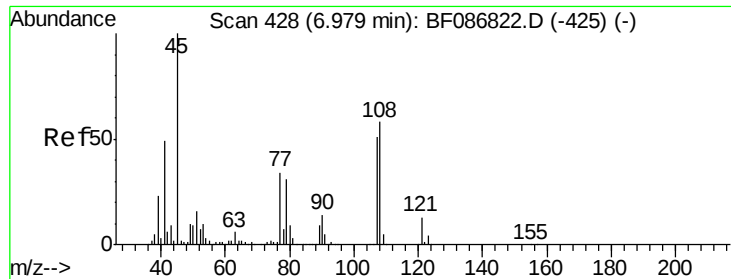
Tgt Ion: 79 Resp: 342455
Ion Ratio Lower Upper
79 100
108 74.3 68.4 102.6
77 65.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.35 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion: 45 Resp: 800826
Ion Ratio Lower Upper
45 100
77 28.4 0.0 36.4
79 26.0 0.0 33.4

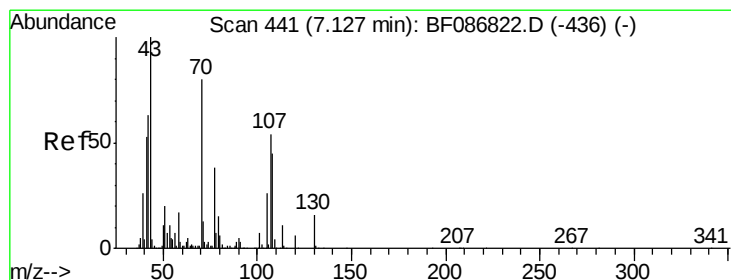
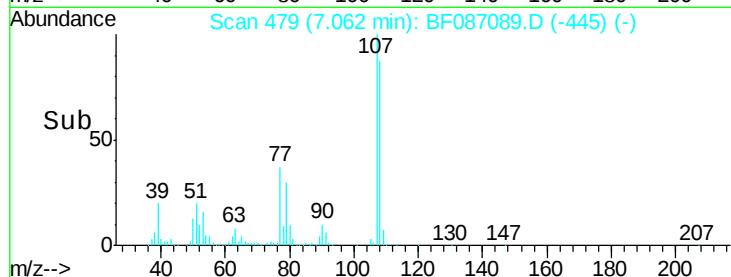
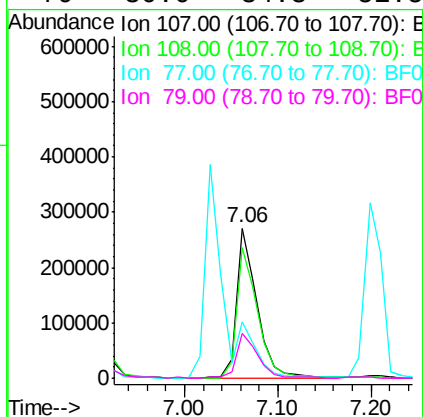
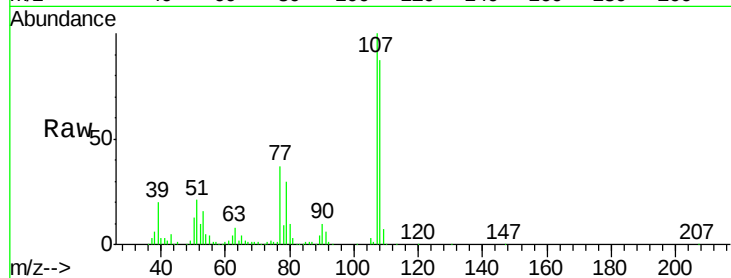




#17
 2-Methylphenol
 Concen: 16.34 ng
 RT: 7.06 min Scan# 479
 Delta R.T. 0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

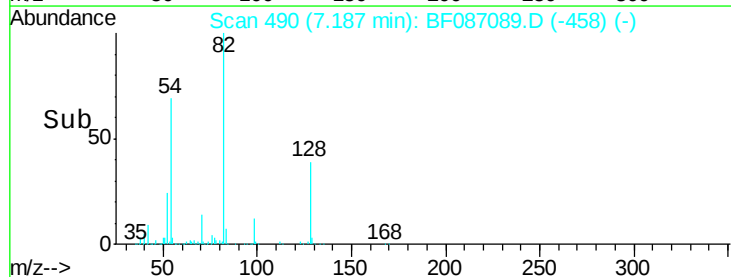
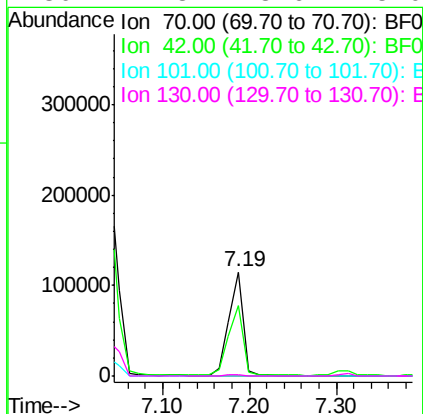
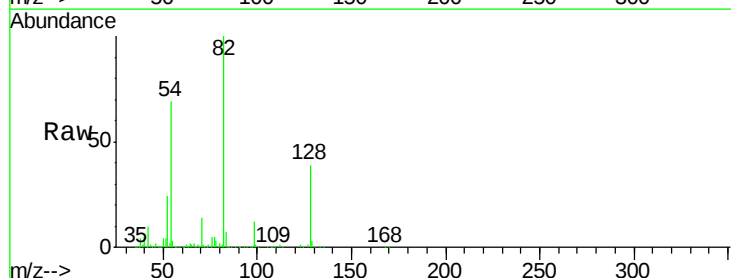
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

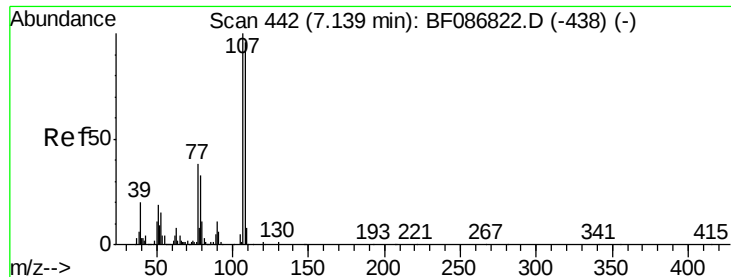
Tgt Ion: 107 Resp: 410989
 Ion Ratio Lower Upper
 107 100
 108 87.0 93.7 140.5#
 77 37.2 33.4 50.0
 79 30.0 34.3 51.5#



#19
 n-Nitroso-di-n-propylamine
 Concen: 5.39 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.06 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion: 70 Resp: 131824
 Ion Ratio Lower Upper
 70 100
 42 67.2 43.1 64.7#
 101 0.0 8.1 12.1#
 130 1.8 18.6 28.0#





#20

3+4-Methylphenols

Concen: 12.49 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

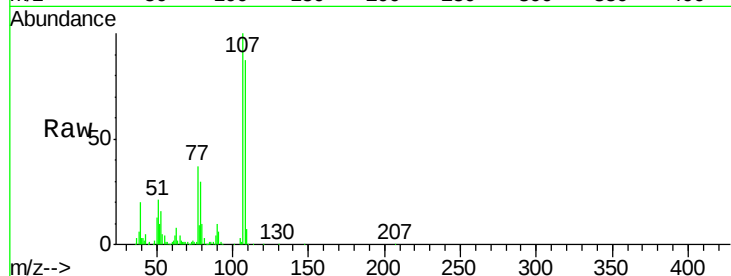
Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tgt Ion:	107	Resp:	410297
Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.5	108.5
77	37.2	101.6	141.6#
79	30.0	7.4	47.4

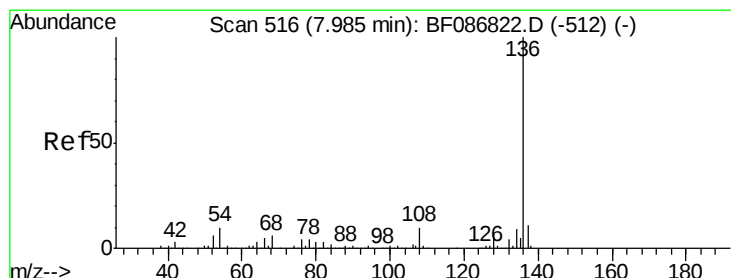
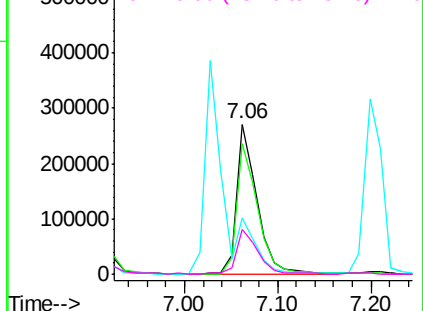
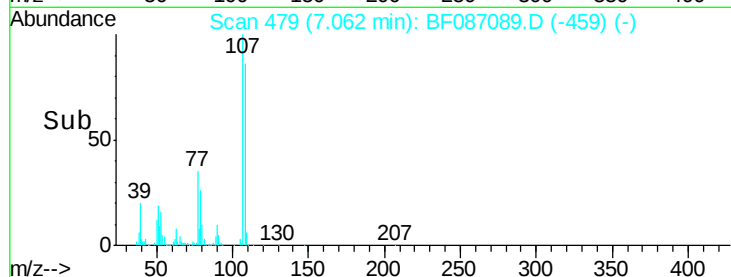


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

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

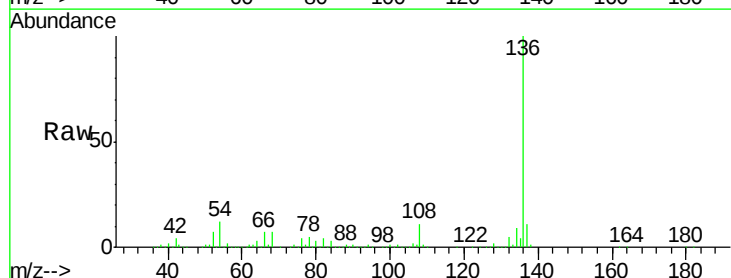
RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:	136	Resp:	501058
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	12.3	5.0	7.4#
68	6.5	4.4	6.6

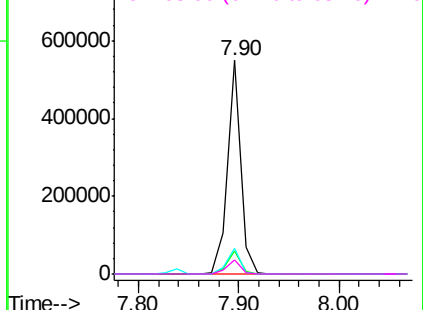
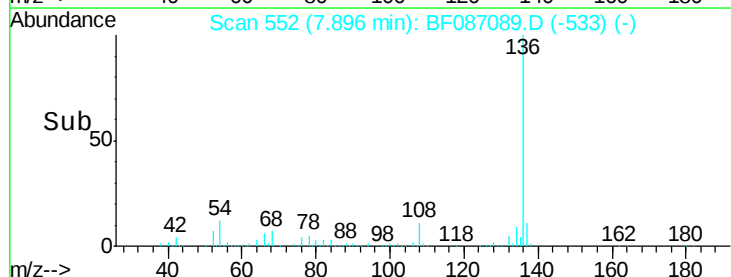


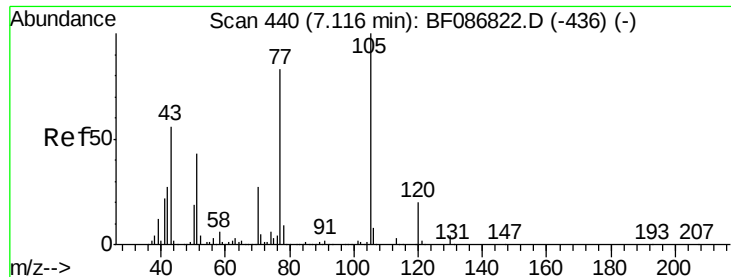
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 45.35 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tgt Ion: 105 Resp: 536769

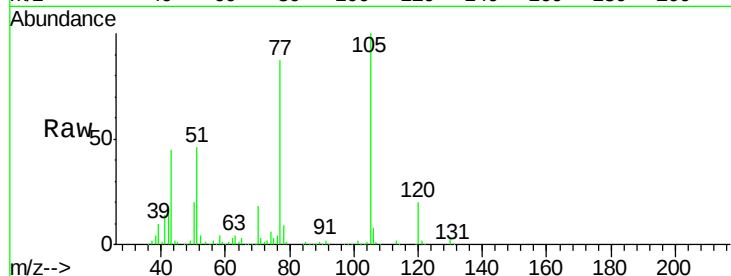
Ion Ratio Lower Upper

105 100

71 3.1 4.8 7.2#

51 45.6 32.6 49.0

120 20.0 16.5 24.7

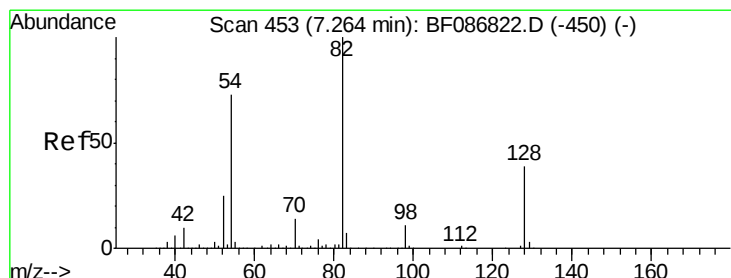
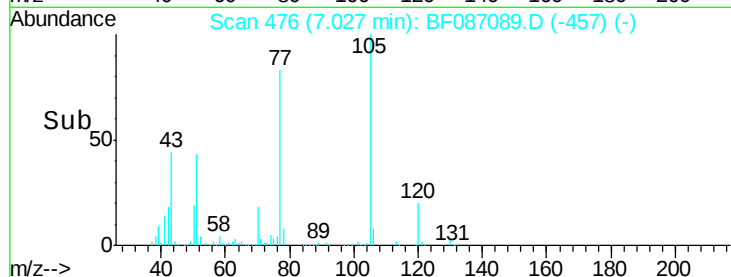
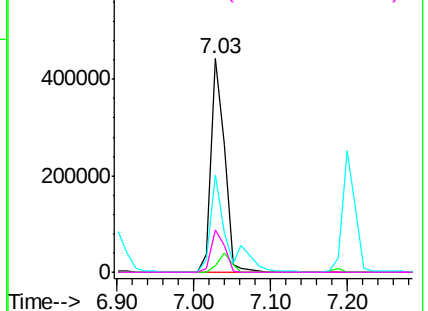


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 92.16 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

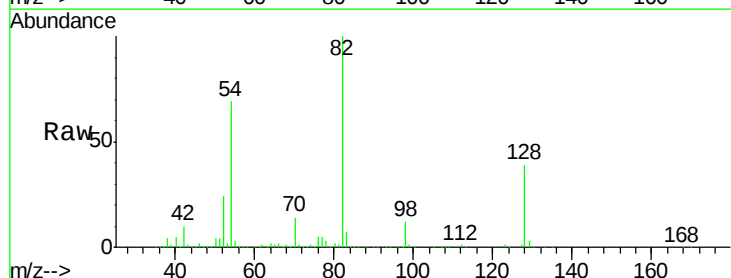
Tgt Ion: 82 Resp: 919665

Ion Ratio Lower Upper

82 100

128 39.5 40.6 61.0#

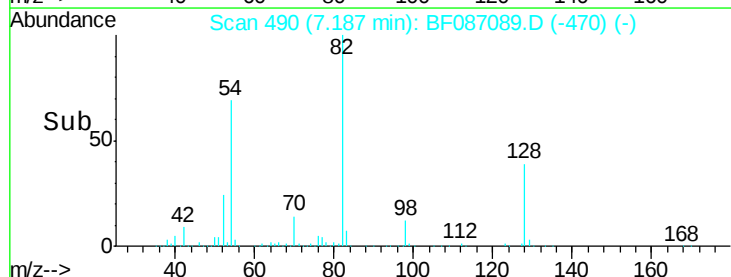
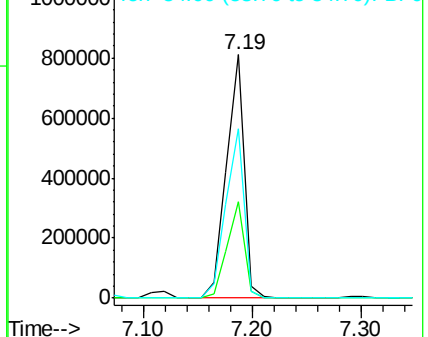
54 69.4 38.1 57.1#

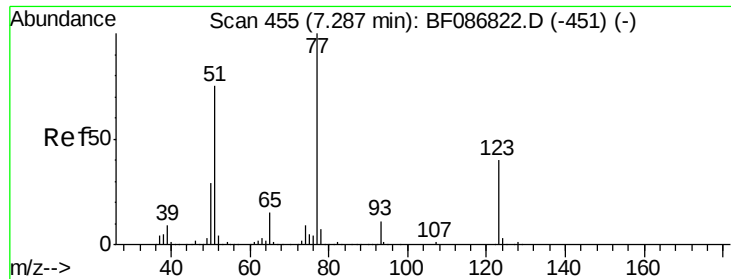


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

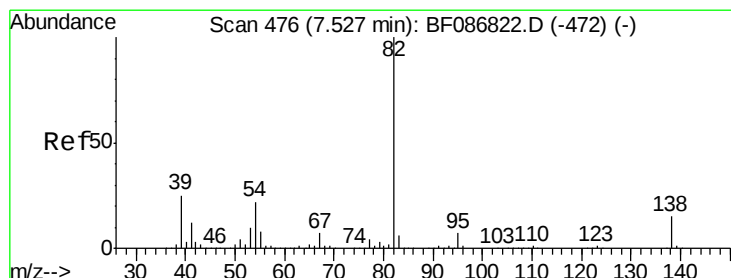
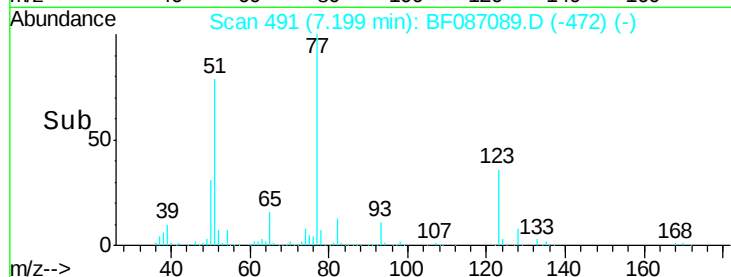
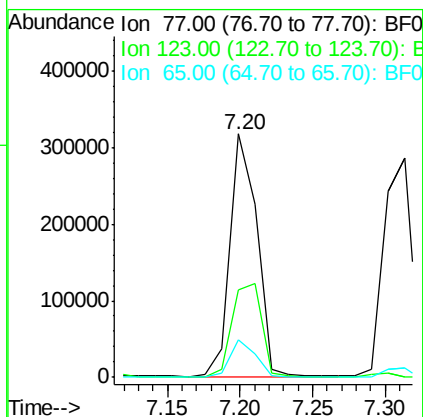
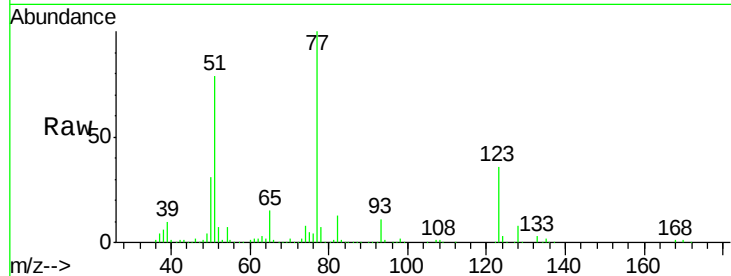




#24
Nitrobenzene
Concen: 39.69 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

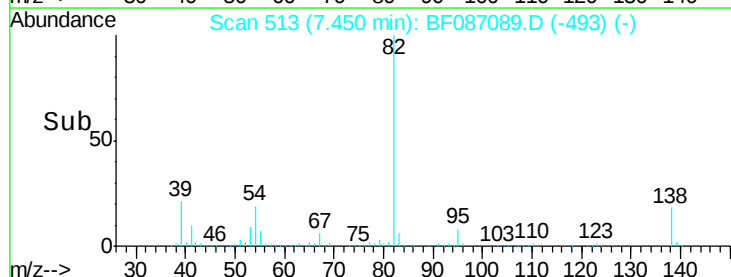
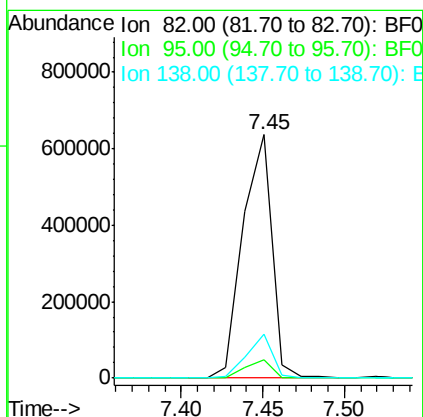
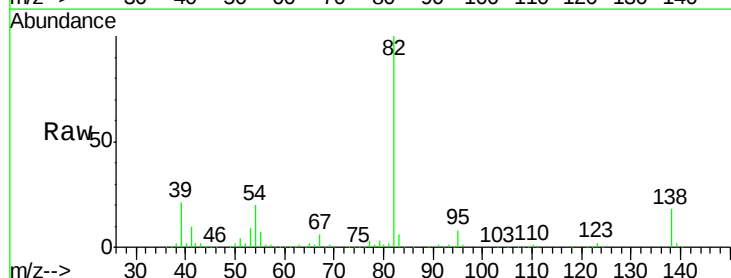
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

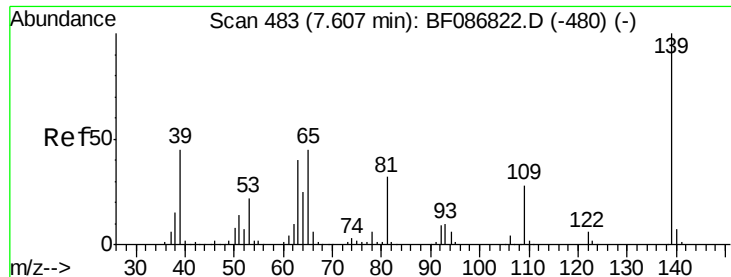
Tgt Ion: 77 Resp: 407409
Ion Ratio Lower Upper
77 100
123 35.9 33.0 49.4
65 15.5 10.8 16.2



#25
Isophorone
Concen: 42.35 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion: 82 Resp: 784018
Ion Ratio Lower Upper
82 100
95 7.5 5.1 7.7
138 18.2 12.4 18.6

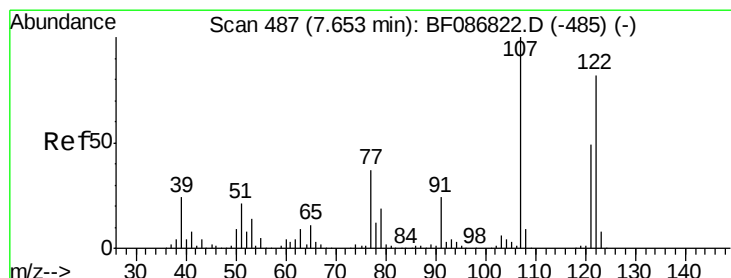
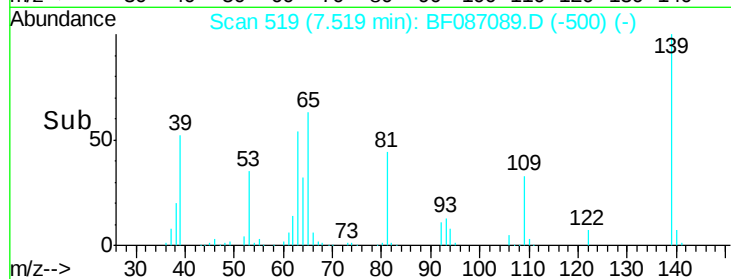
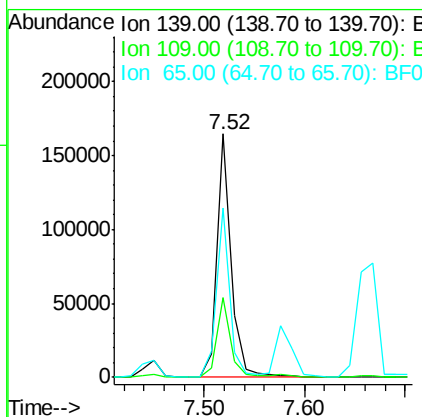
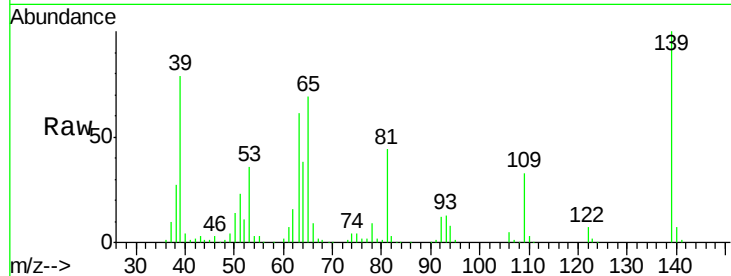




#26
 2-Nitrophenol
 Concen: 35.78 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

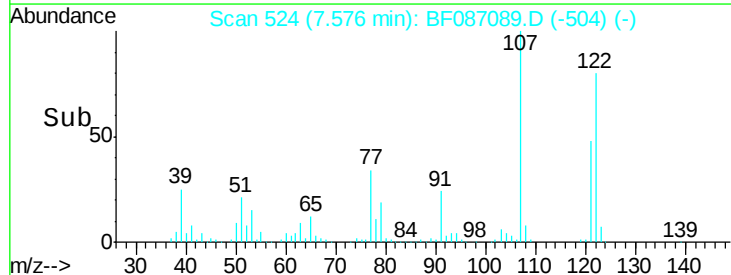
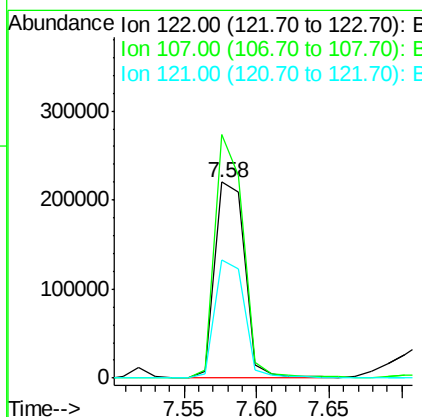
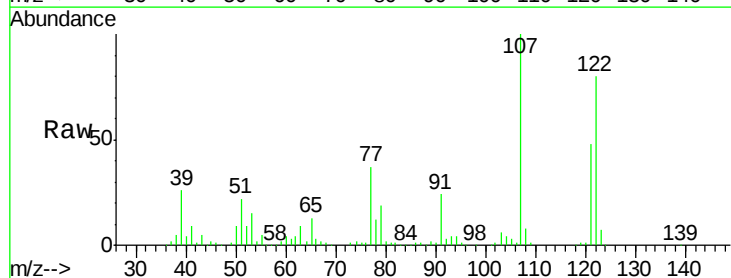
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

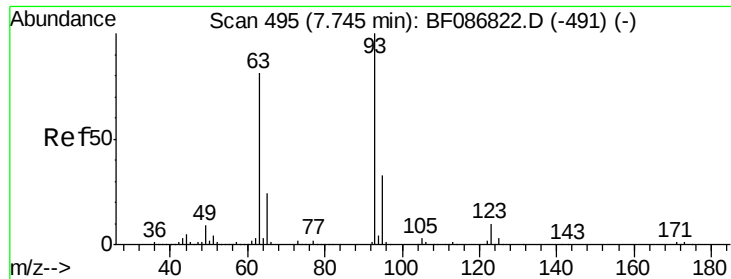
Tgt Ion:139 Resp: 161451
 Ion Ratio Lower Upper
 139 100
 109 32.9 19.5 29.3#
 65 69.3 37.5 56.3#



#27
 2,4-Dimethylphenol
 Concen: 41.31 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:122 Resp: 317490
 Ion Ratio Lower Upper
 122 100
 107 124.4 82.0 123.0#
 121 60.1 46.1 69.1



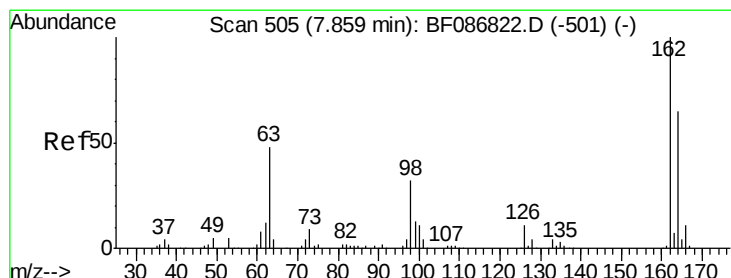
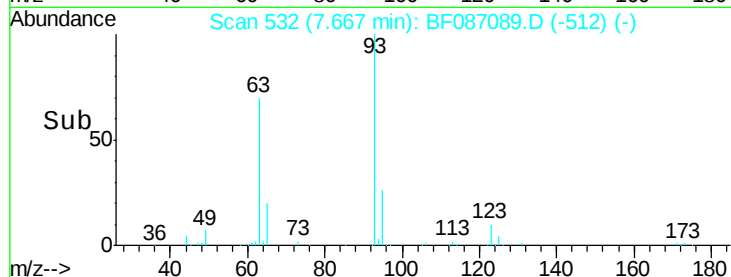
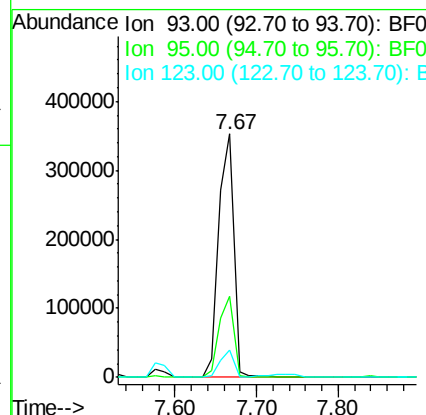
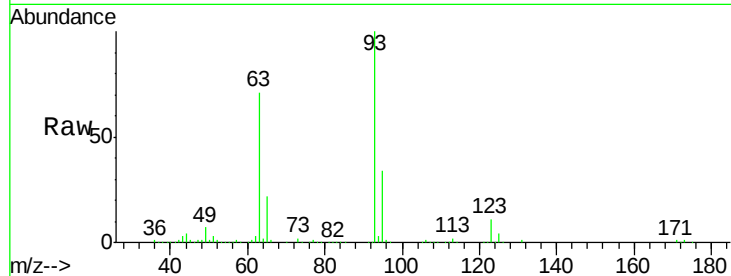


#28
bis(2-Chloroethoxy)methane
Concen: 46.26 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tgt Ion: 93 Resp: 461969

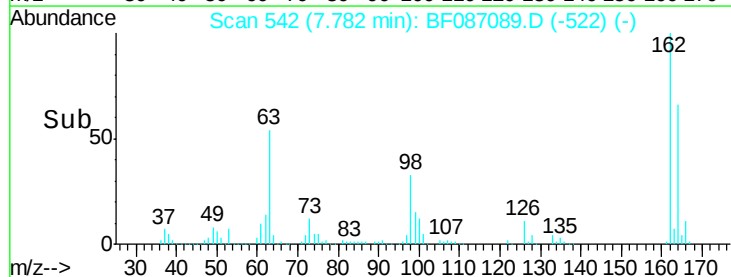
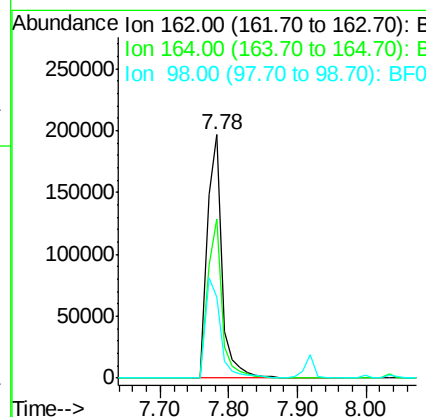
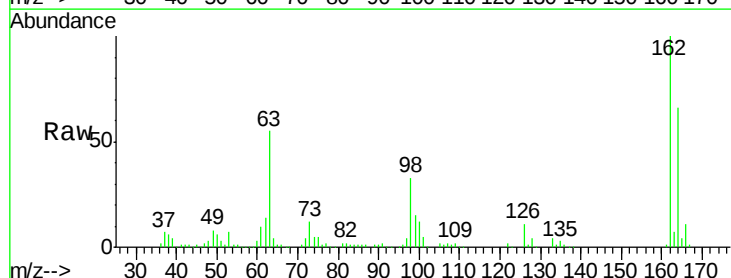
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.0	39.0
123	11.1	9.5	14.3

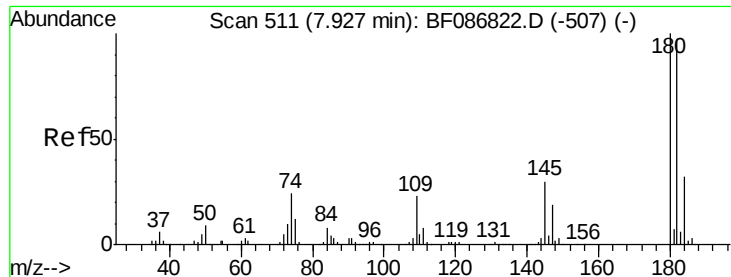


#29
2,4-Dichlorophenol
Concen: 42.54 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion: 162 Resp: 287783

Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.2	82.2
98	33.4	19.0	59.0

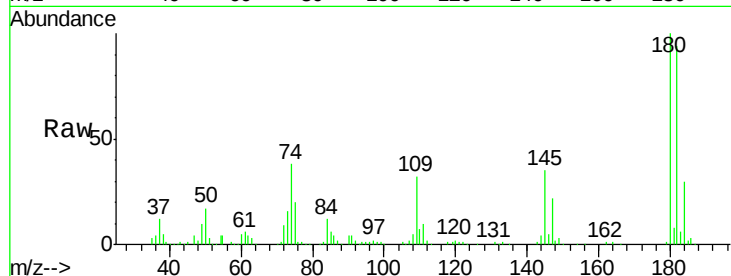




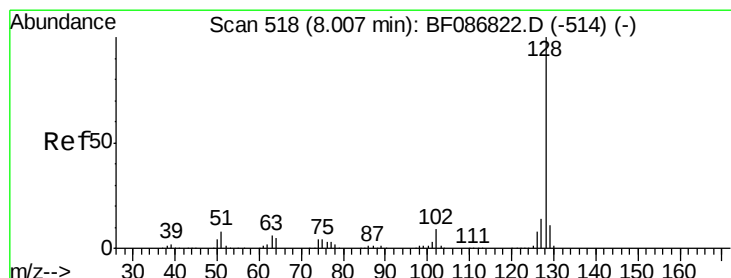
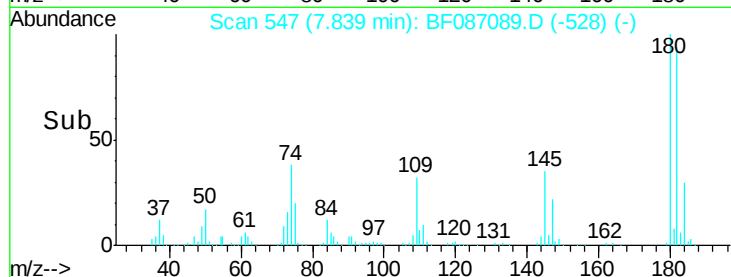
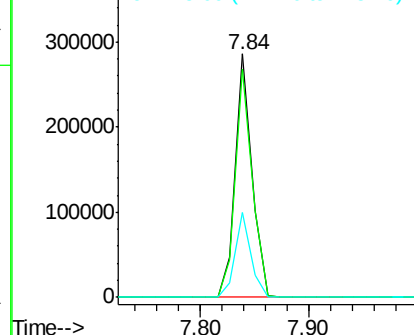
#30
 1,2,4-Trichlorobenzene
 Concen: 39.75 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.0	117.0
145	34.9	24.2	36.2

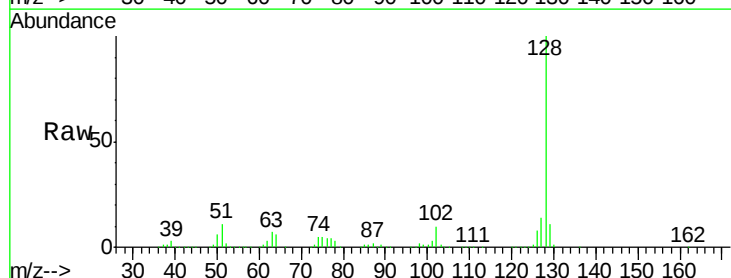


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

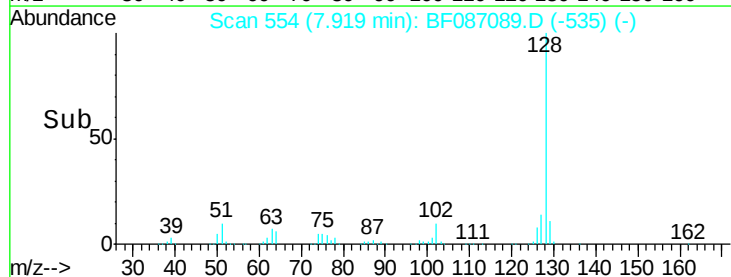
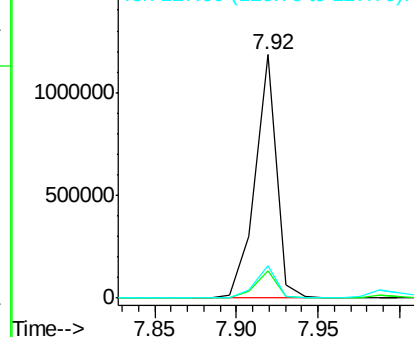


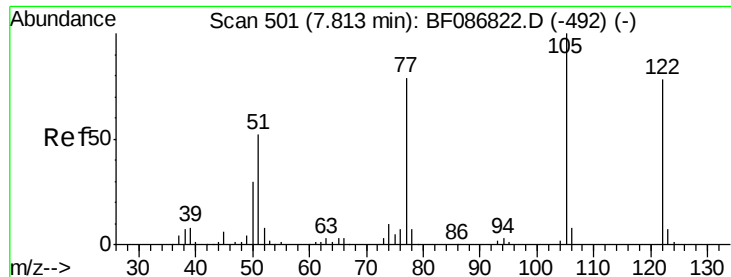
#31
 Naphthalene
 Concen: 42.85 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.6	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 37.97 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

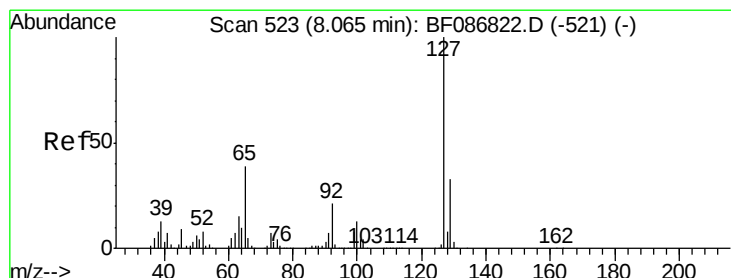
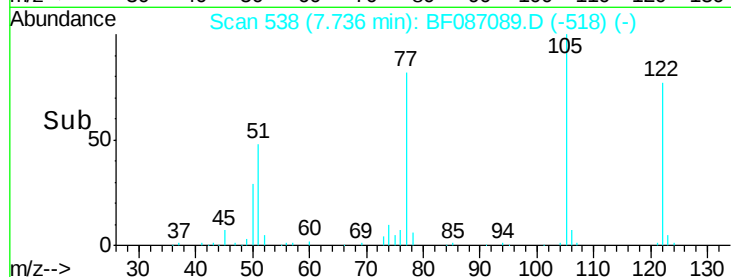
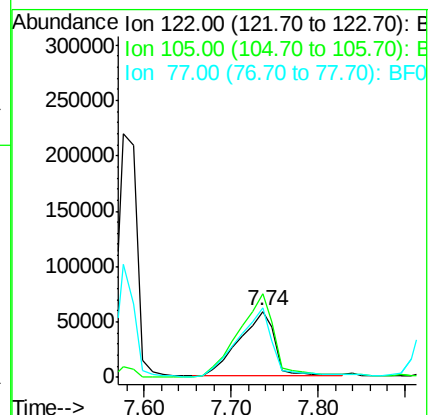
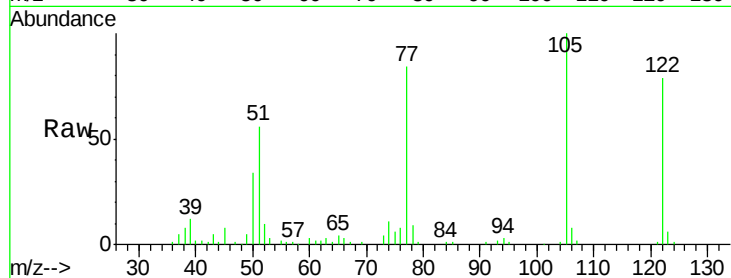
Tgt Ion:122 Resp: 171425

Ion Ratio Lower Upper

122 100

105 126.8 92.6 132.6

77 105.9 60.0 100.0#



#33

4-Chloroaniline

Concen: 7.78 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:127 Resp: 75903

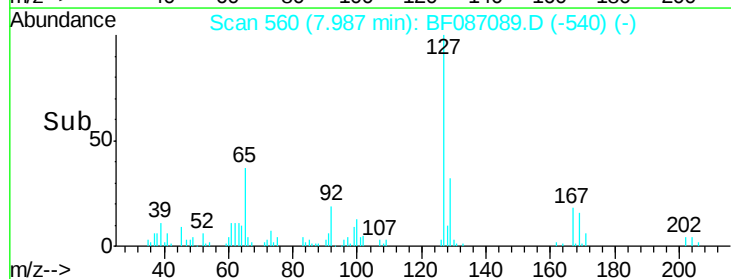
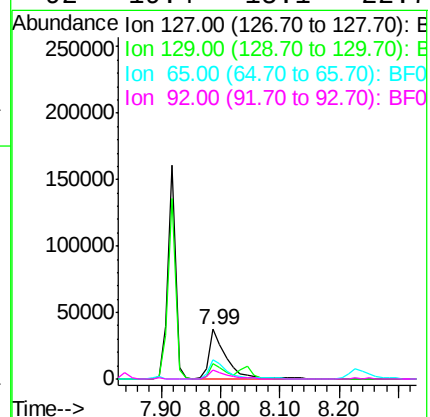
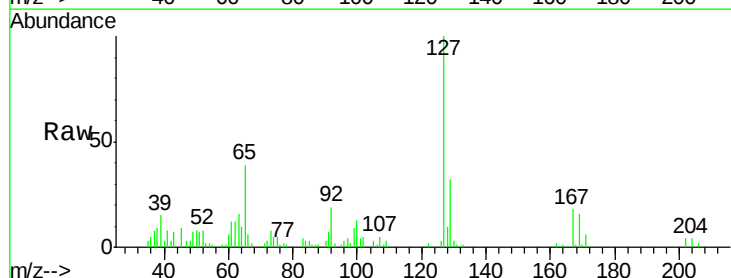
Ion Ratio Lower Upper

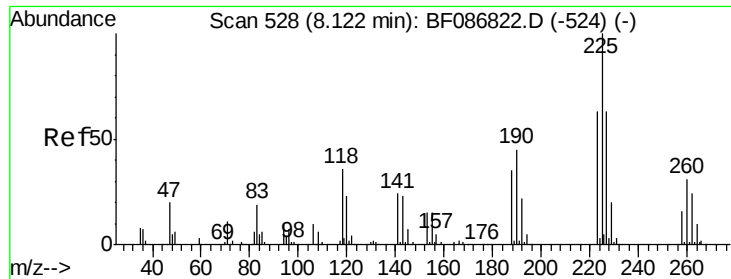
127 100

129 31.7 26.2 39.4

65 38.7 23.0 34.4#

92 19.4 15.1 22.7

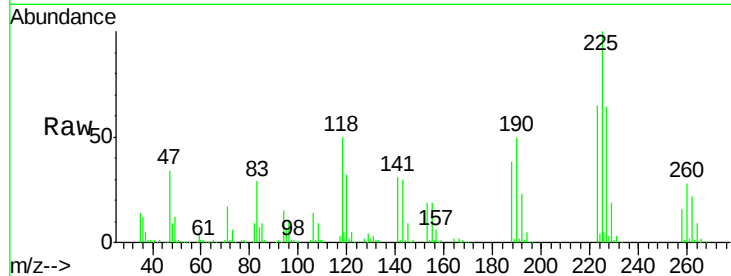




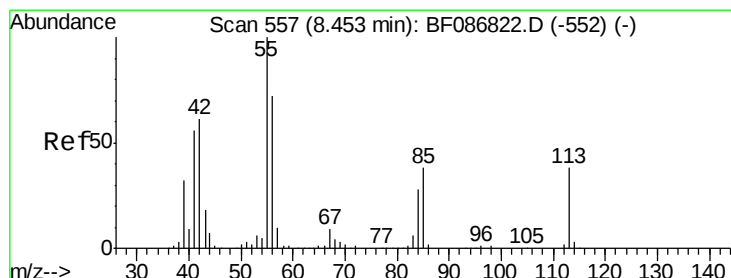
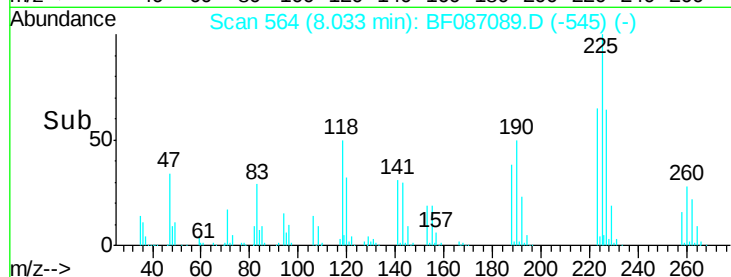
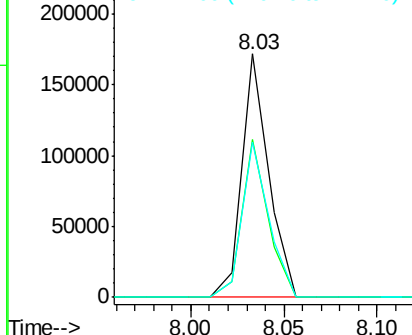
#34
Hexachlorobutadiene
Concen: 38.93 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tgt Ion: 225 Resp: 170866
Ion Ratio Lower Upper
225 100
223 65.0 51.5 77.3
227 63.6 52.2 78.2

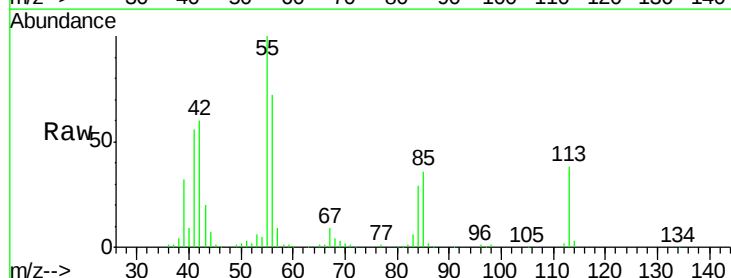


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

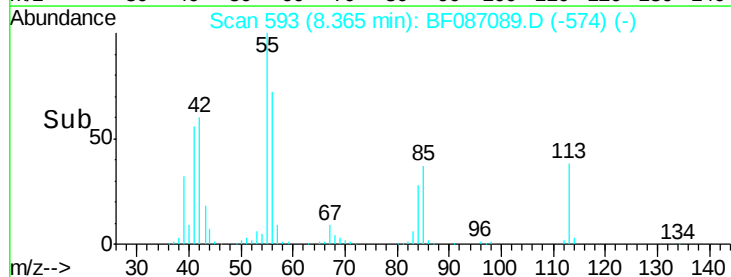
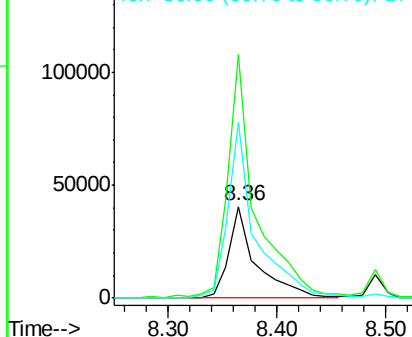


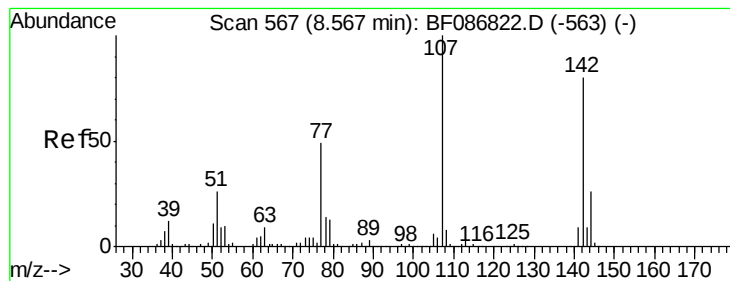
#35
Caprolactam
Concen: 31.29 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion: 113 Resp: 72028
Ion Ratio Lower Upper
113 100
55 265.6 162.0 202.0#
56 191.6 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 39.27 ng

RT: 8.49 min Scan# 604

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

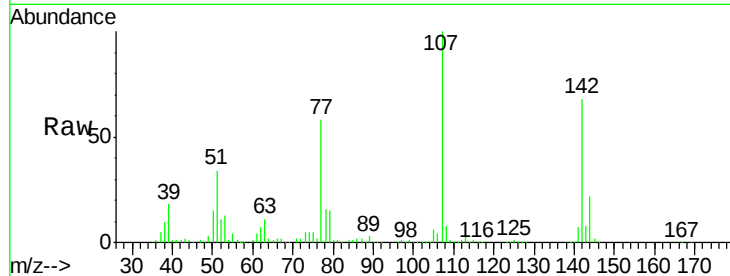
Tgt Ion:107 Resp: 322213

Ion Ratio Lower Upper

107 100

144 22.0 20.7 31.1

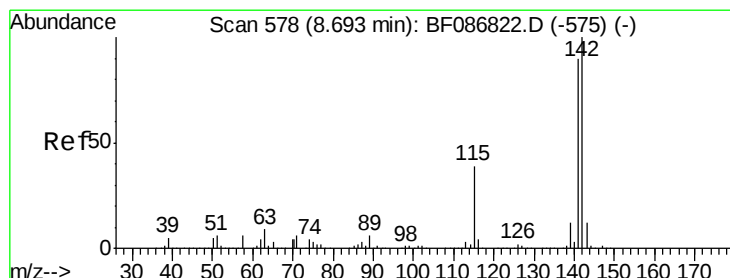
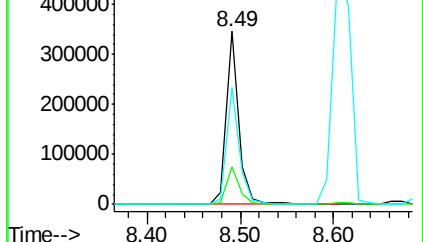
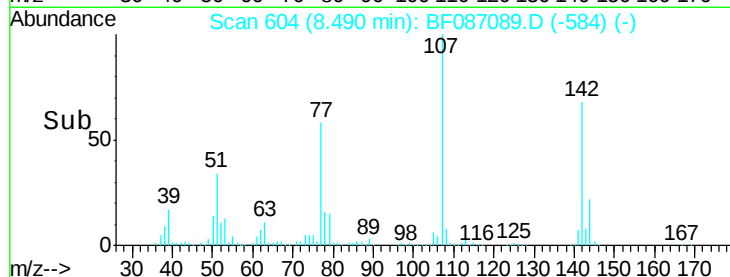
142 67.7 63.2 94.8



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: 43.97 ng

RT: 8.60 min Scan# 614

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

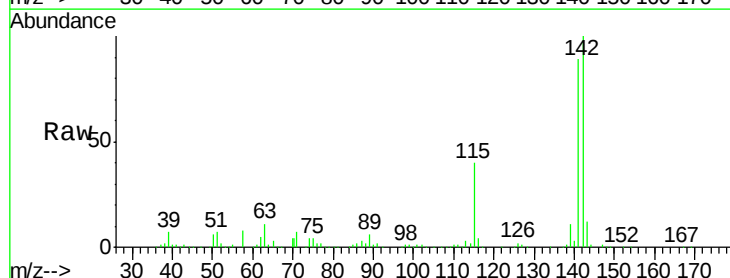
Tgt Ion:142 Resp: 645104

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

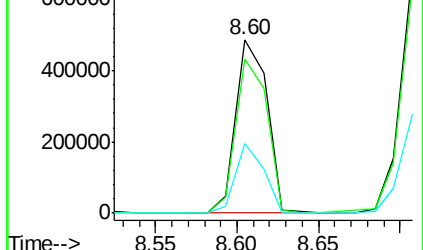
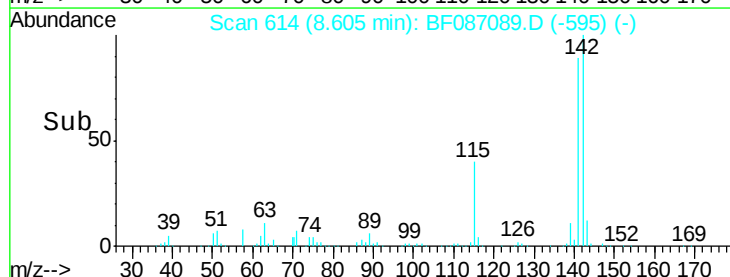
115 39.9 26.6 39.8#

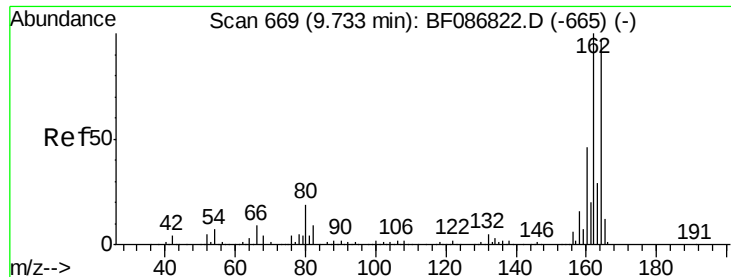


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

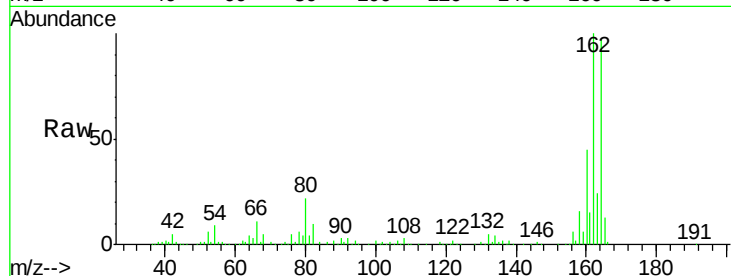
Tgt Ion:164 Resp: 201505

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

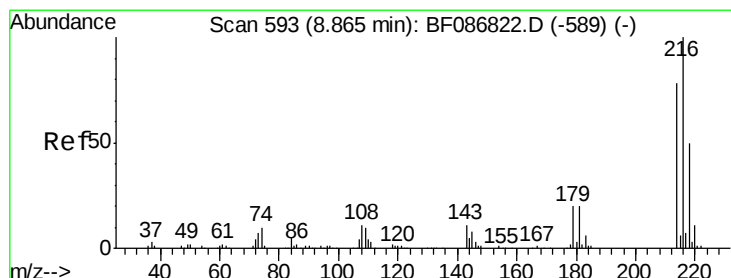
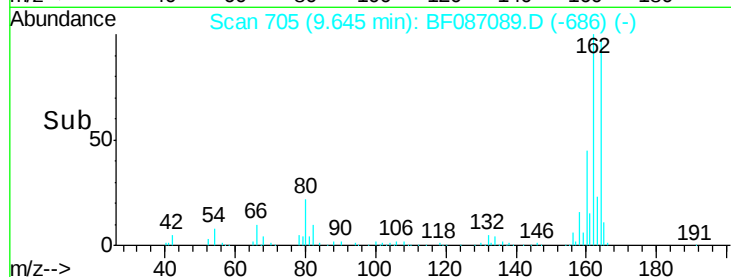
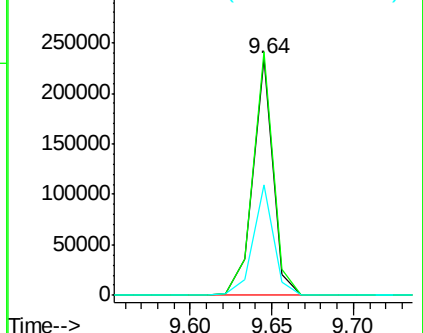
160 46.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.85 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:216 Resp: 274495

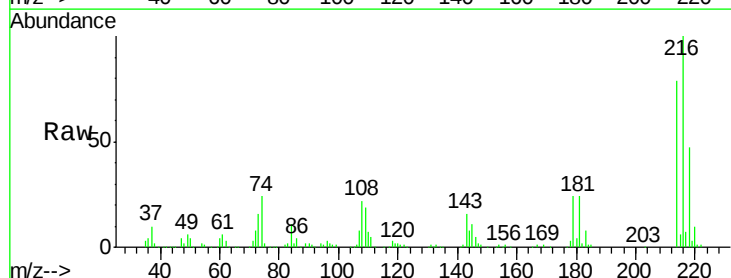
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 24.3 18.2 27.4

108 23.3 17.5 26.3

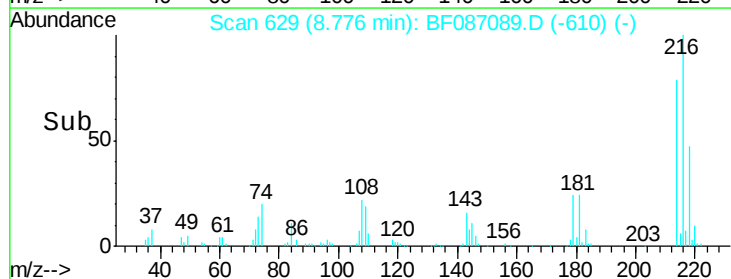
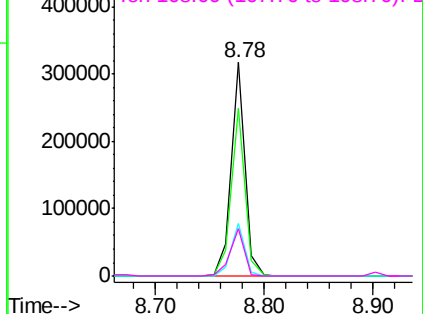


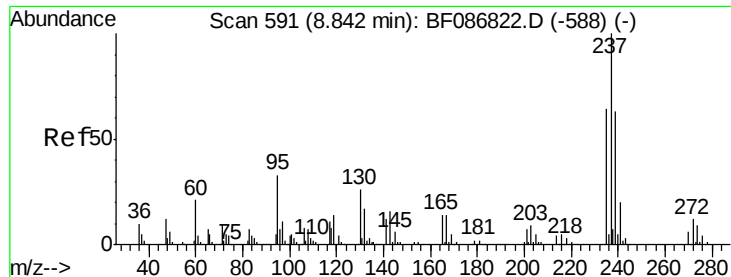
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 13.45 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

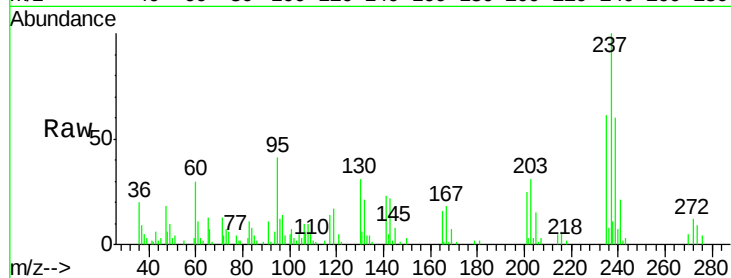
Tgt Ion:237 Resp: 37398

Ion Ratio Lower Upper

237 100

235 61.2 47.2 87.2

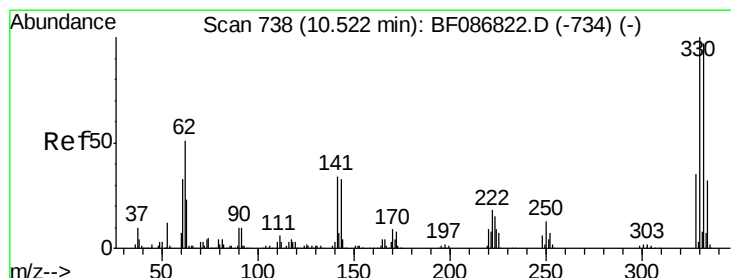
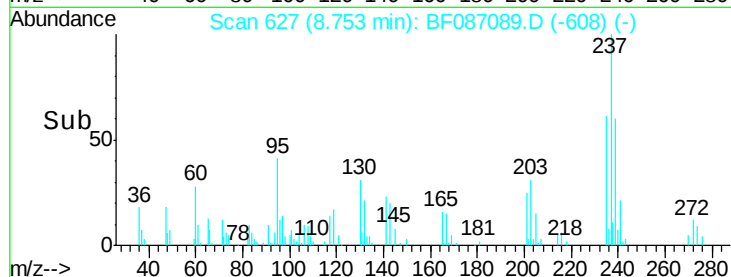
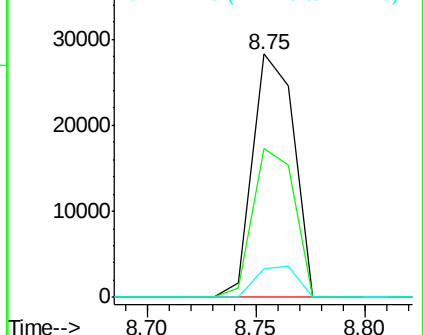
272 11.8 0.0 31.1



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: 117.23 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

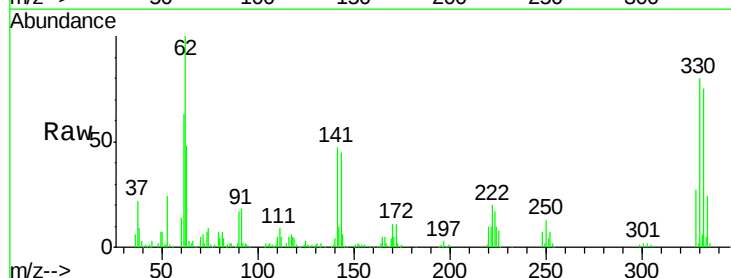
Tgt Ion:330 Resp: 250075

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

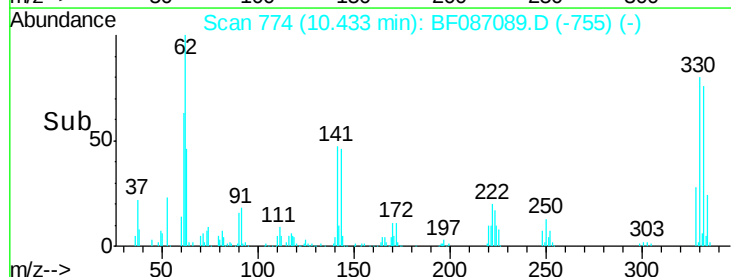
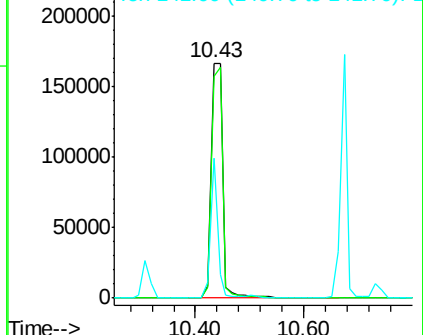
141 36.2 31.2 46.8

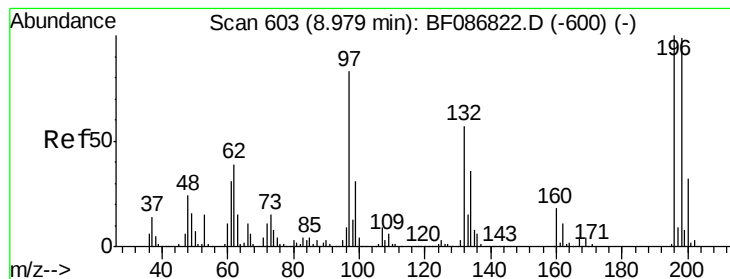


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 46.59 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

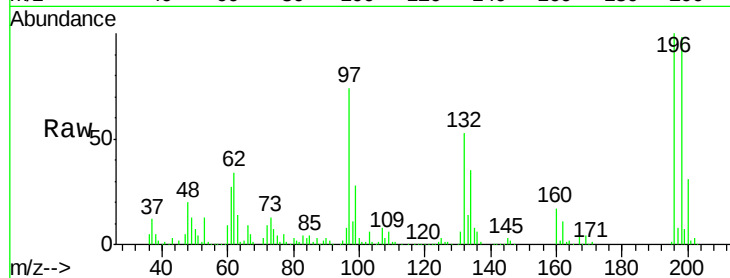
Tgt Ion:196 Resp: 182541

Ion Ratio Lower Upper

196 100

198 97.9 74.7 112.1

200 31.2 23.8 35.6

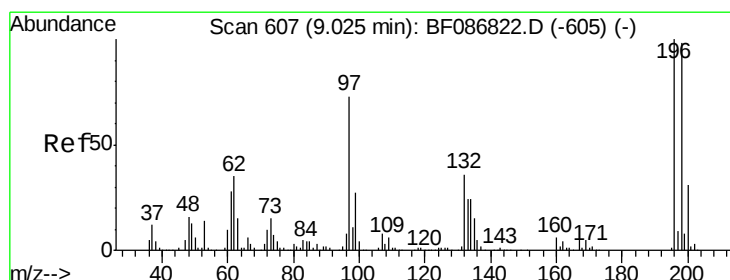
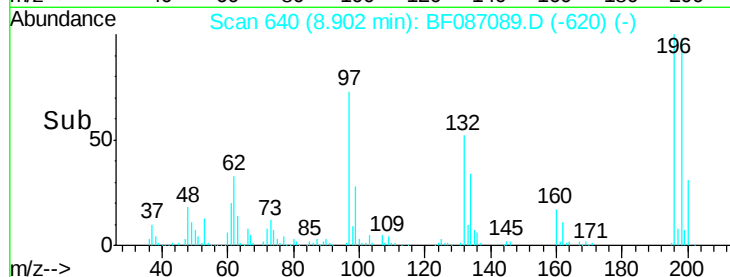
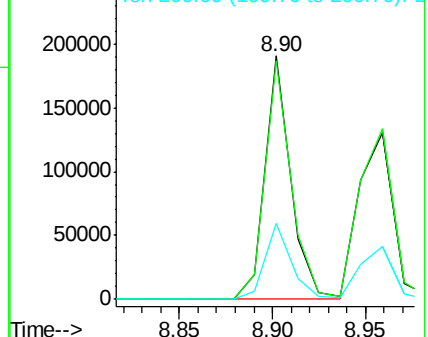


Abundance

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: 41.37 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.07 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Tgt Ion:196 Resp: 167614

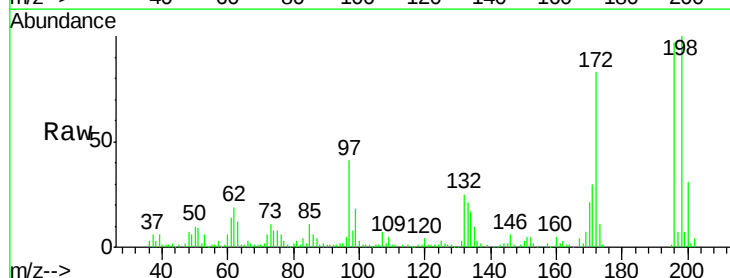
Ion Ratio Lower Upper

196 100

198 102.6 77.5 116.3

97 42.1 34.8 52.2

132 25.3 23.0 34.4



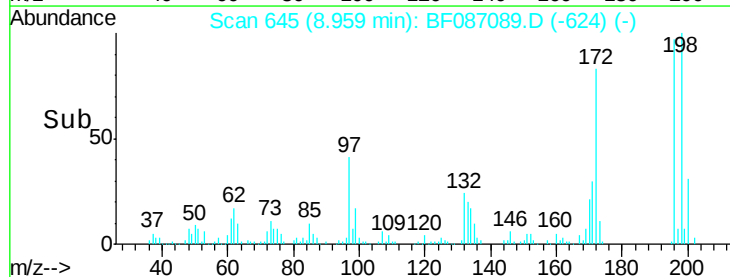
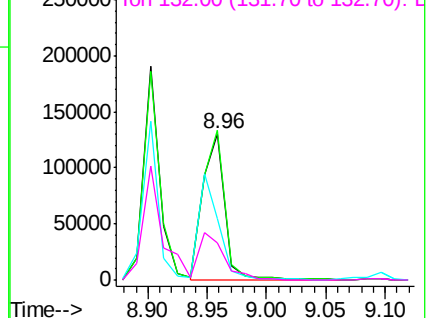
Abundance

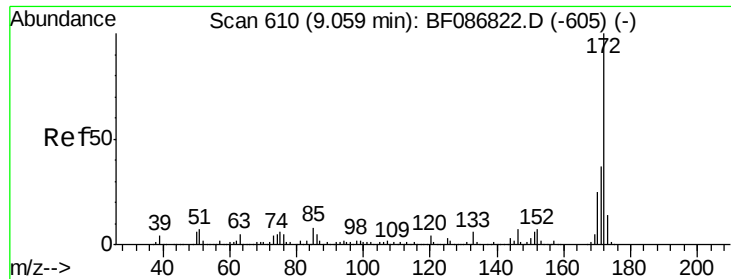
Ion 196.00 (195.70 to 196.70): E

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: 114.14 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

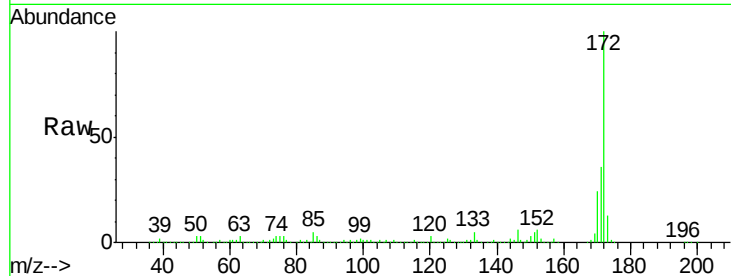
Tgt Ion:172 Resp: 1368548

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

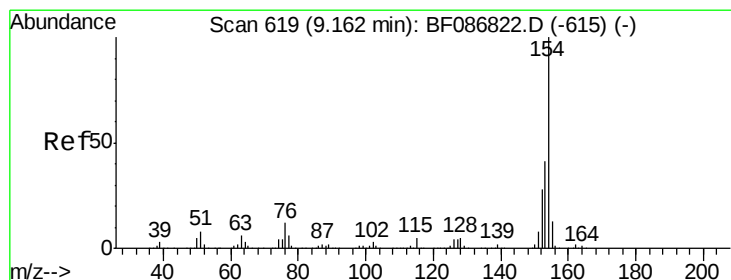
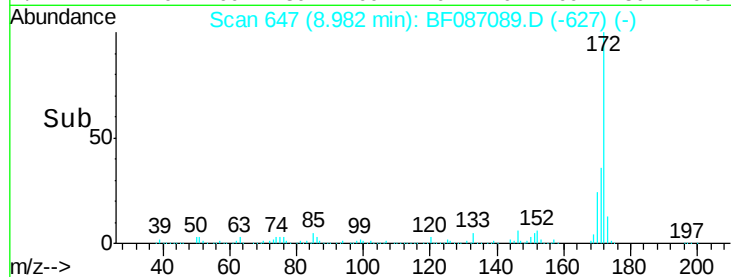
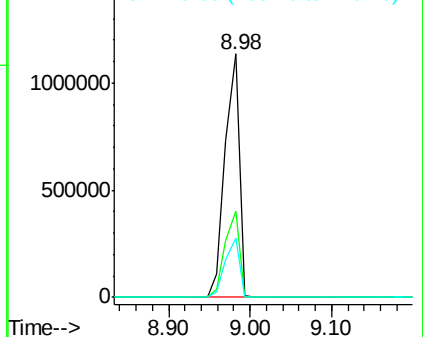
170 24.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.21 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

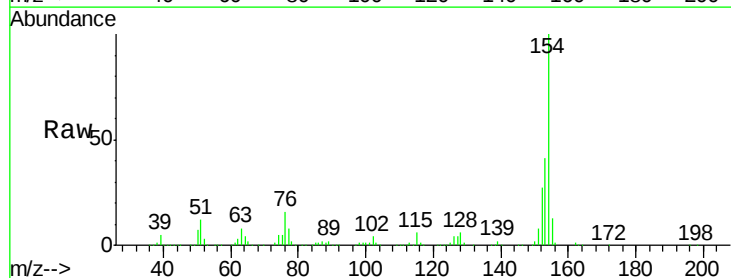
Tgt Ion:154 Resp: 740668

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

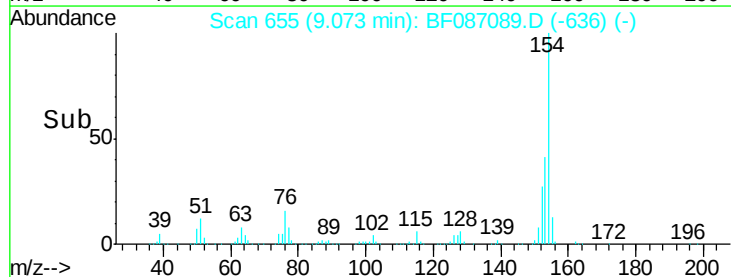
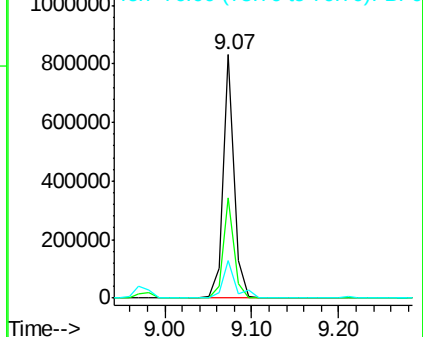
76 15.5 0.0 30.2

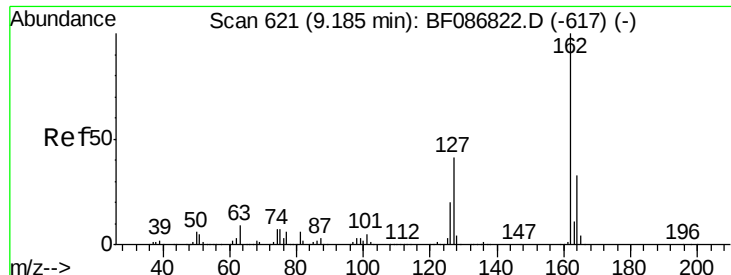


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

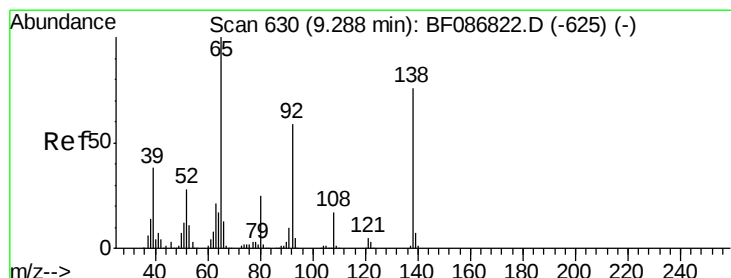
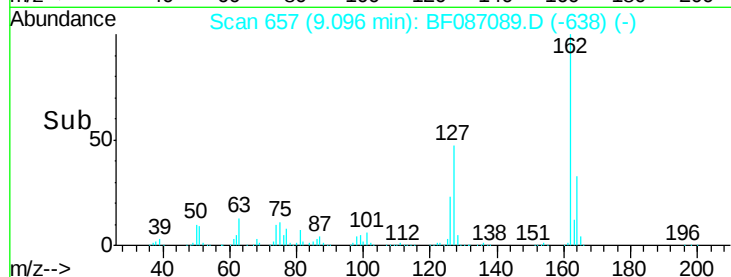
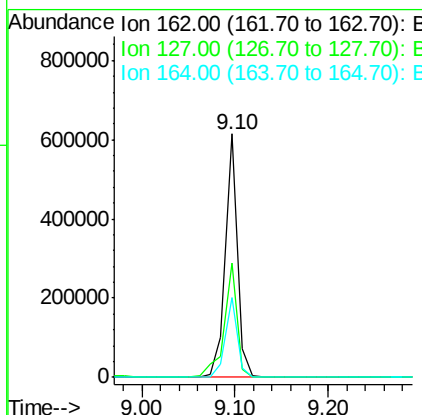
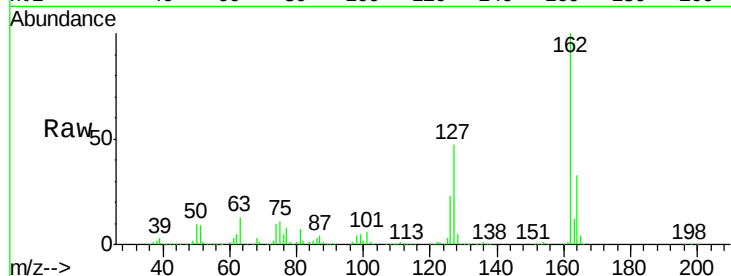




#46
 2-Chloronaphthalene
 Concen: 43.77 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

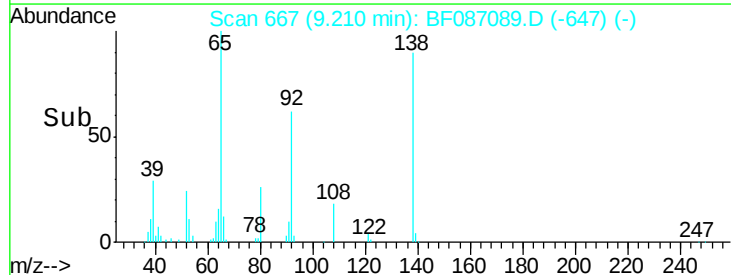
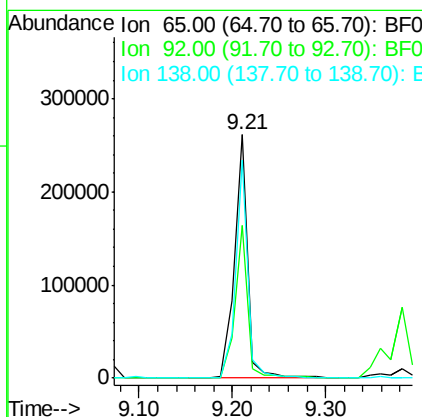
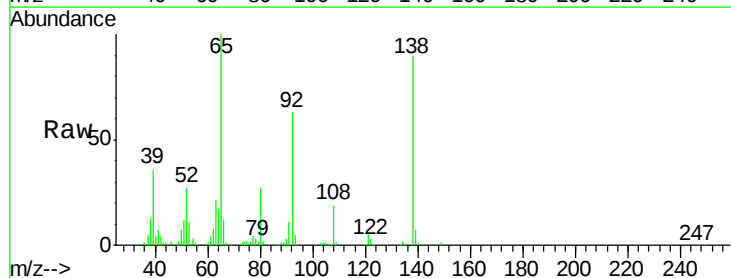
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

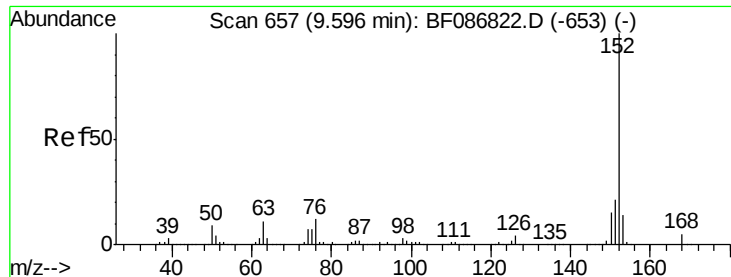
Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.8	31.8	47.6
164	32.8	27.0	40.6



#47
 2-Nitroaniline
 Concen: 56.94 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	57.4	86.2
138	89.6	90.1	135.1#





#48

Acenaphthylene

Concen: 45.70 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

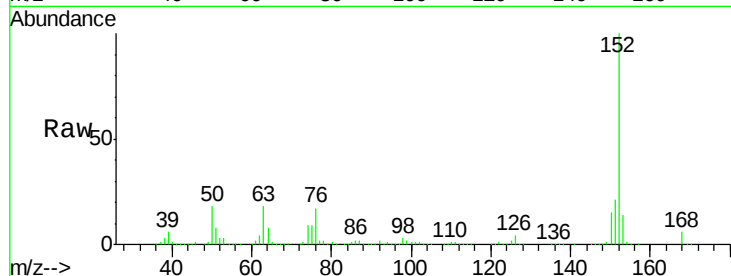
Tgt Ion:152 Resp: 844037

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

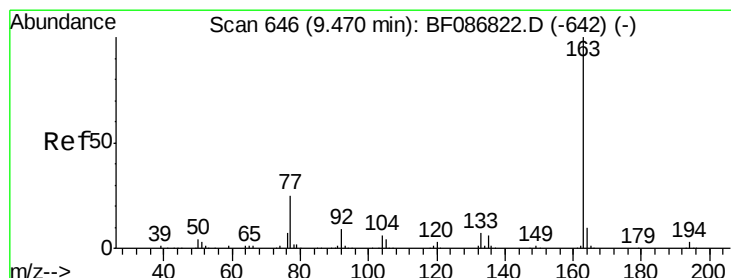
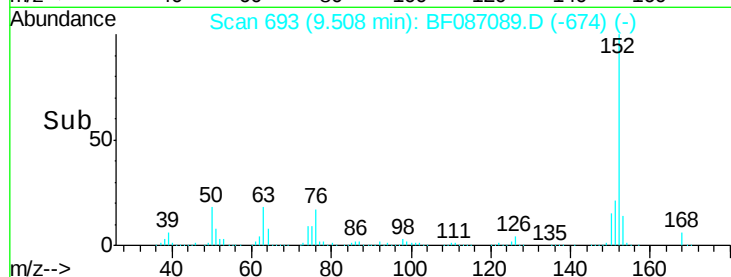
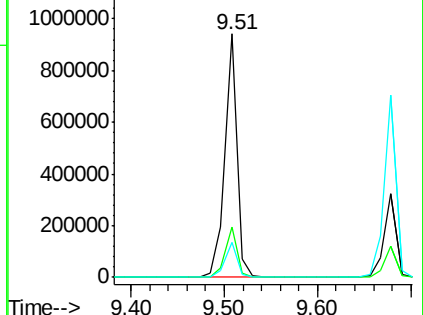
153 14.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.59 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

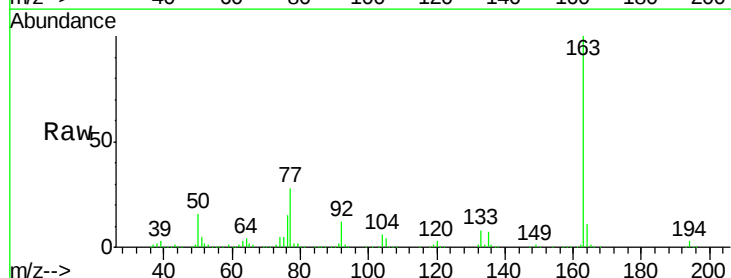
Tgt Ion:163 Resp: 685443

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

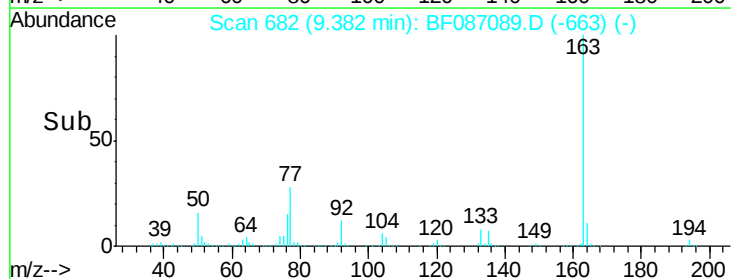
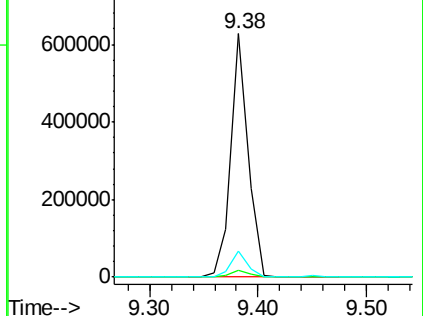
164 10.6 8.2 12.4

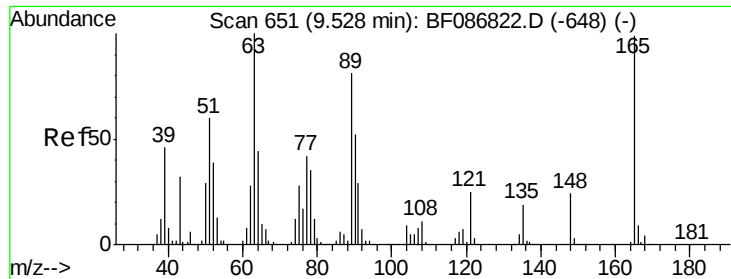


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

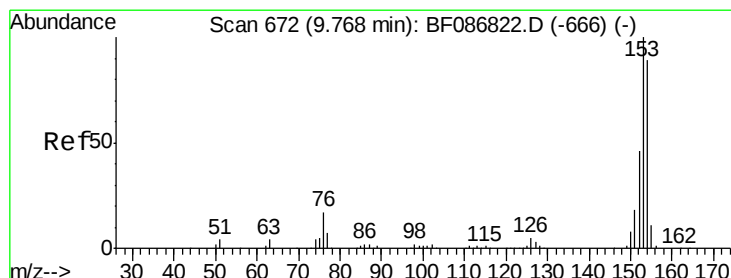
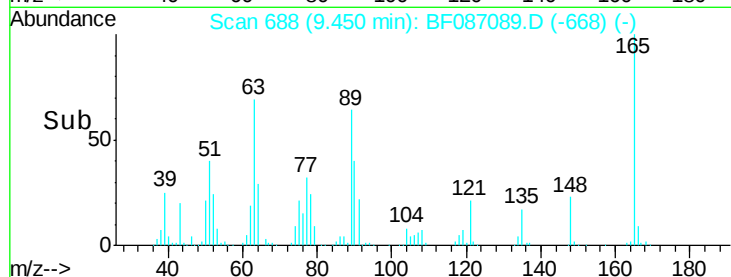
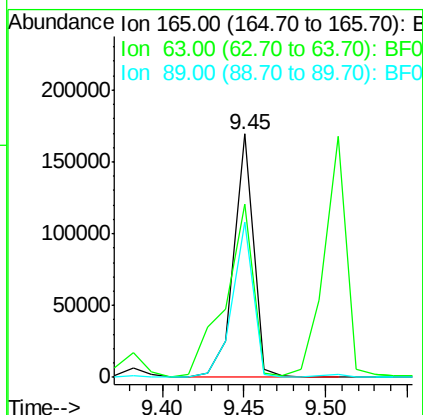
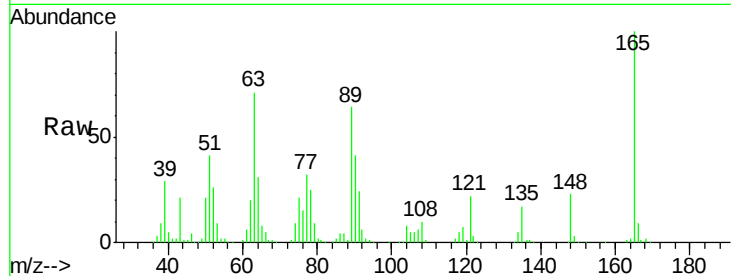




#50
 2,6-Dinitrotoluene
 Concen: 43.37 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

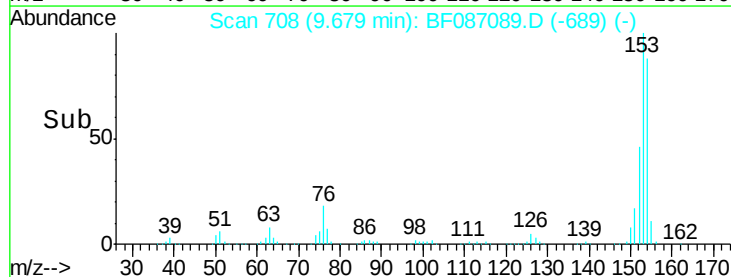
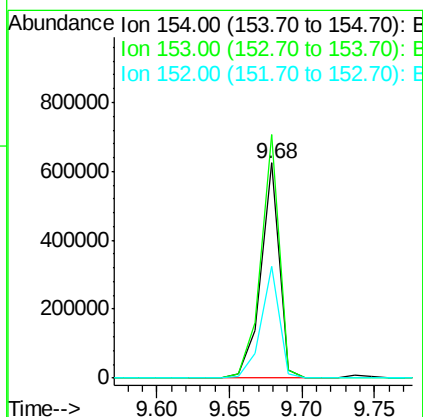
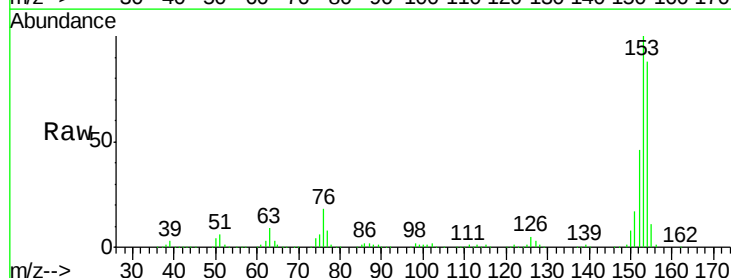
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

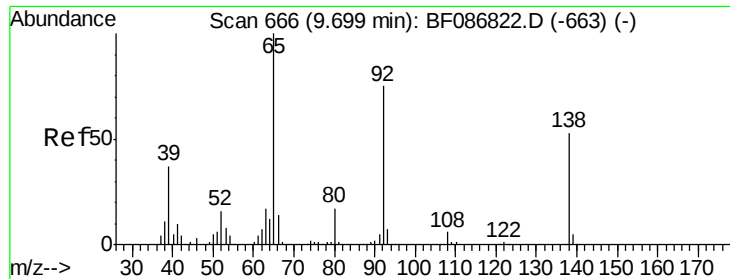
Tgt Ion:165 Resp: 140308
 Ion Ratio Lower Upper
 165 100
 63 71.4 51.8 77.8
 89 64.0 50.7 76.1



#51
 Acenaphthene
 Concen: 47.73 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:154 Resp: 548413
 Ion Ratio Lower Upper
 154 100
 153 113.2 89.8 134.6
 152 51.8 43.4 65.0

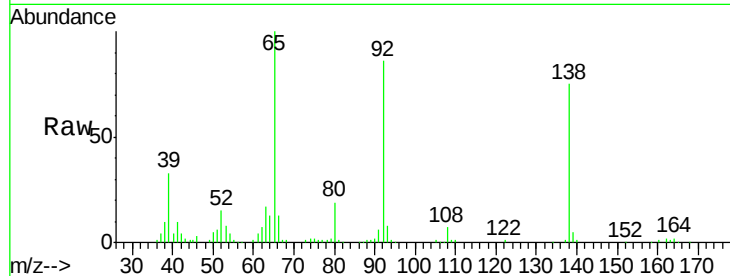




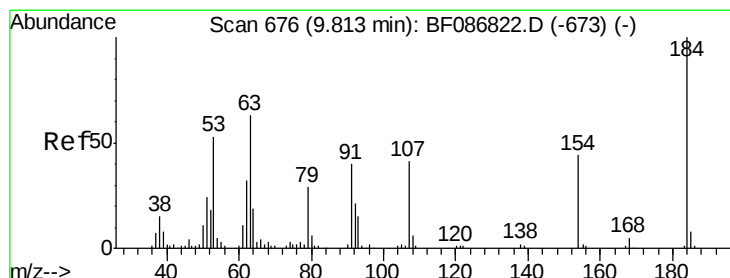
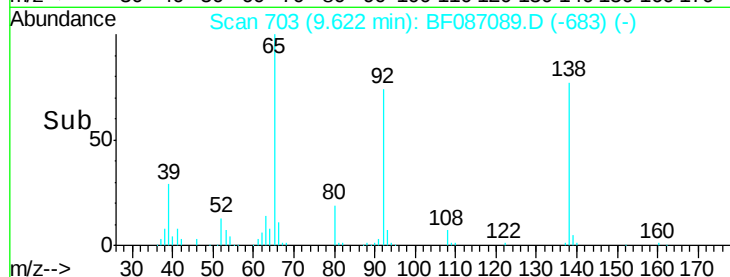
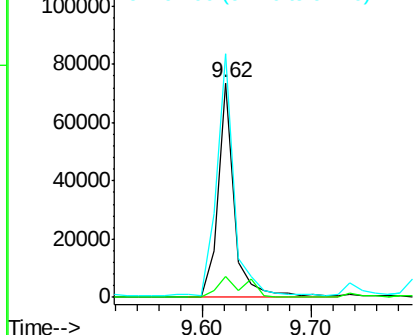
#52
 3-Nitroaniline
 Concen: 22.98 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tgt Ion:138 Resp: 78273
 Ion Ratio Lower Upper
 138 100
 108 9.8 7.8 11.6
 92 113.6 87.8 131.8

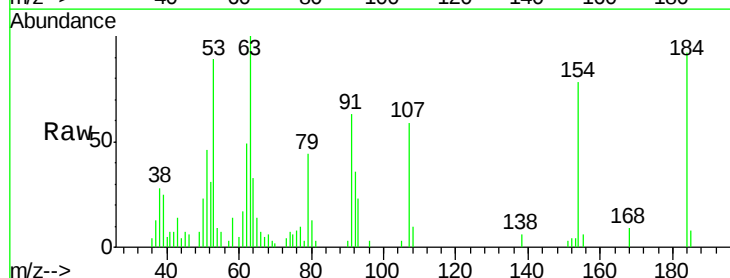


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

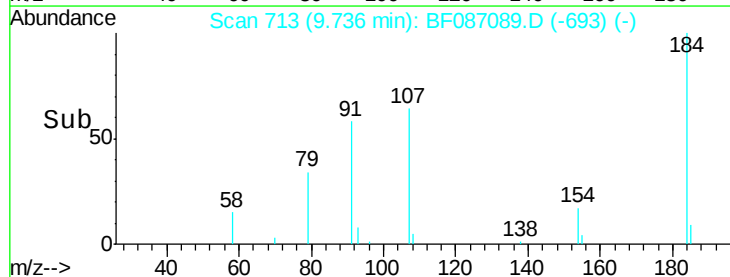
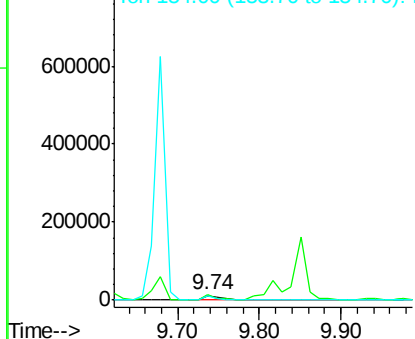


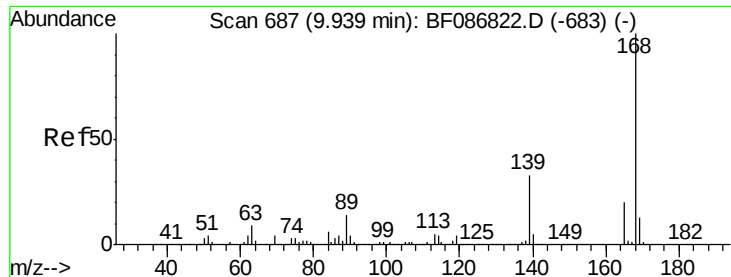
#53
 2,4-Dinitrophenol
 Concen: 19.60 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:184 Resp: 21788
 Ion Ratio Lower Upper
 184 100
 63 108.3 55.8 83.8#
 154 84.6 62.4 93.6



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

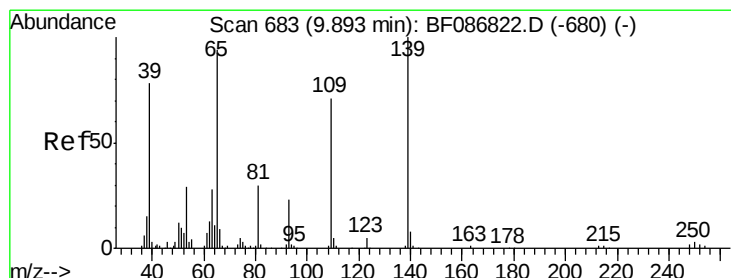
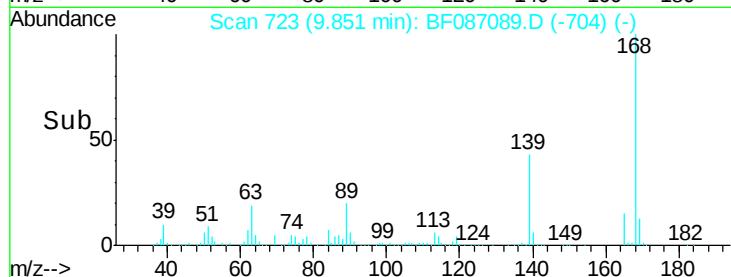
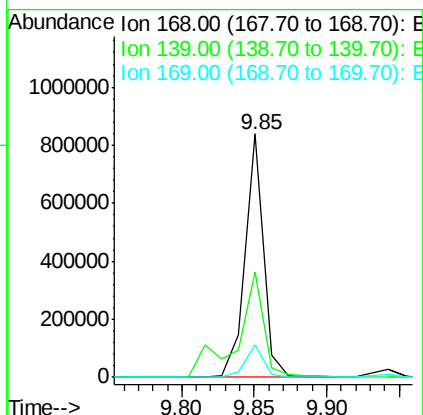
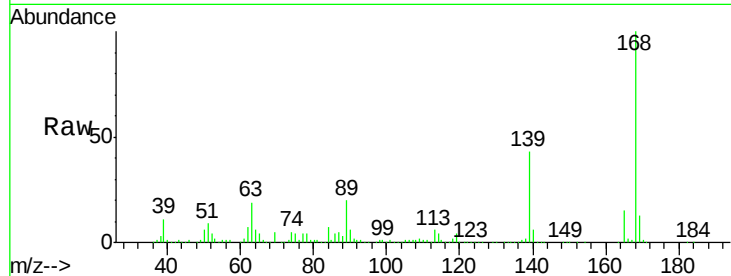




#54
Dibenzofuran
Concen: 50.23 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

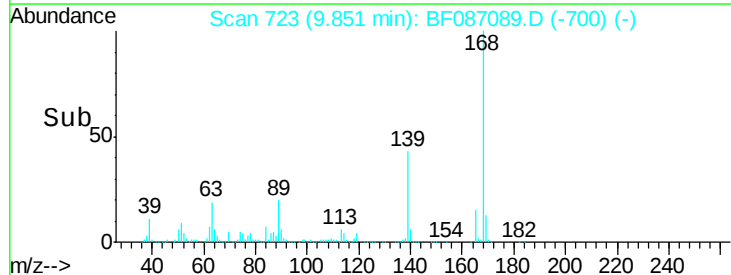
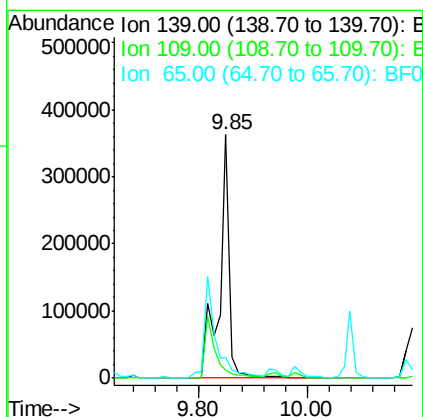
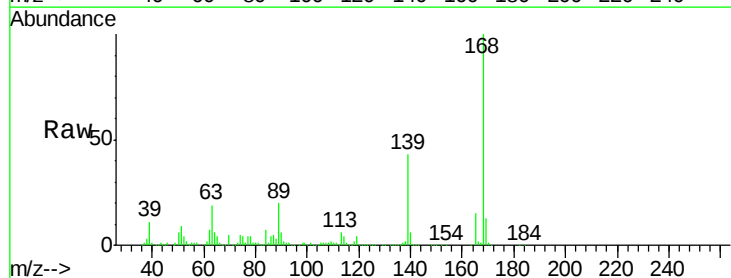
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

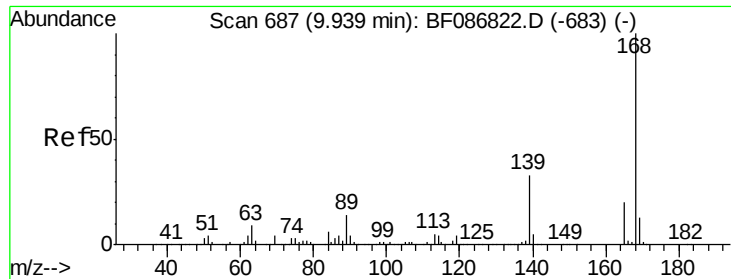
Tgt Ion:168 Resp: 740885
Ion Ratio Lower Upper
168 100
139 43.2 31.4 47.0
169 13.5 10.7 16.1



#55
4-Nitrophenol
Concen: 204.56 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion:139 Resp: 481686
Ion Ratio Lower Upper
139 100
109 3.5 36.9 76.9#
65 8.3 64.0 104.0#

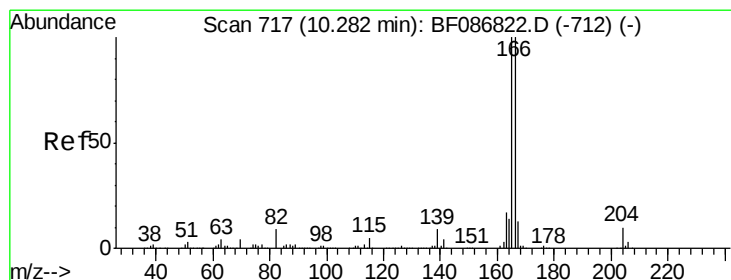
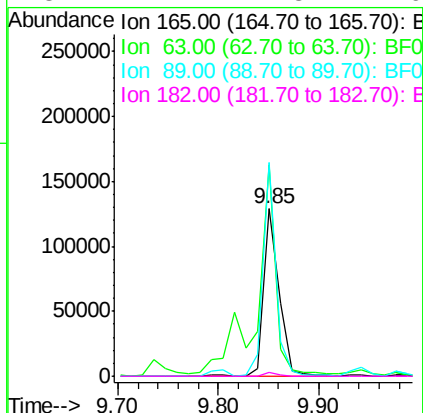
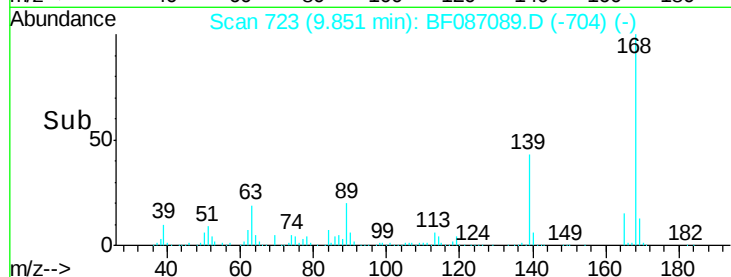
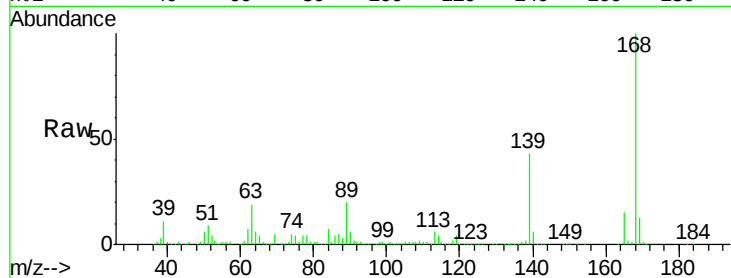




#56
2,4-Dinitrotoluene
Concen: 34.48 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

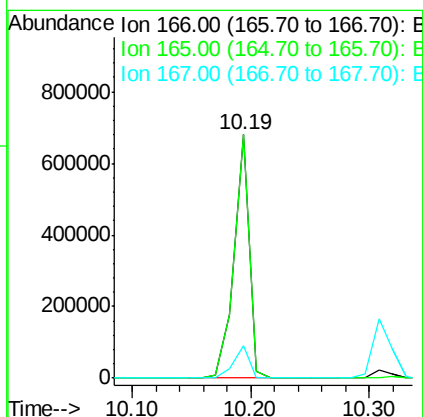
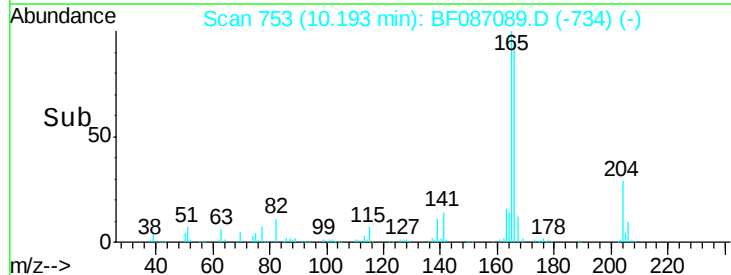
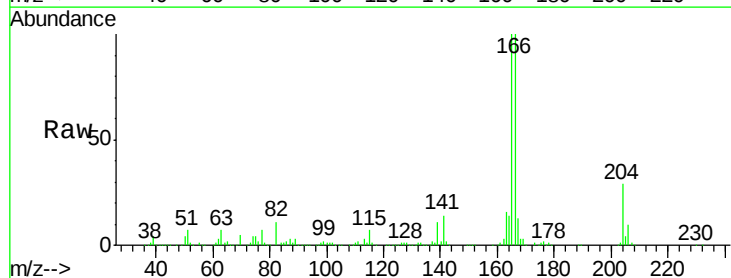
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

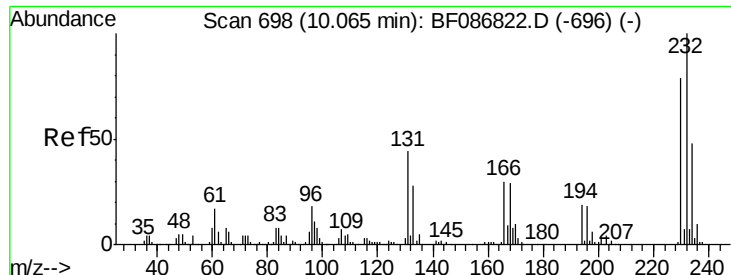
Tgt Ion:165 Resp: 138058
Ion Ratio Lower Upper
165 100
63 125.6 44.3 66.5#
89 127.4 70.0 105.0#
182 2.2 1.8 2.6



#57
Fluorene
Concen: 48.61 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion:166 Resp: 611390
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.6
167 13.4 10.6 15.8

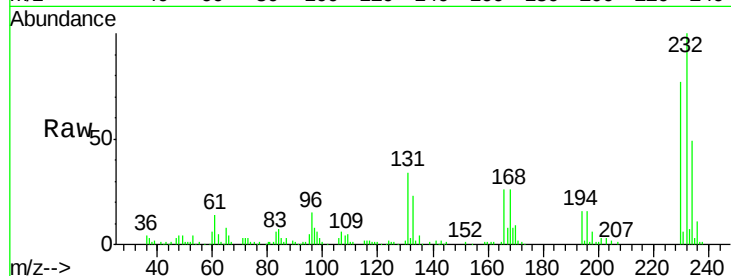




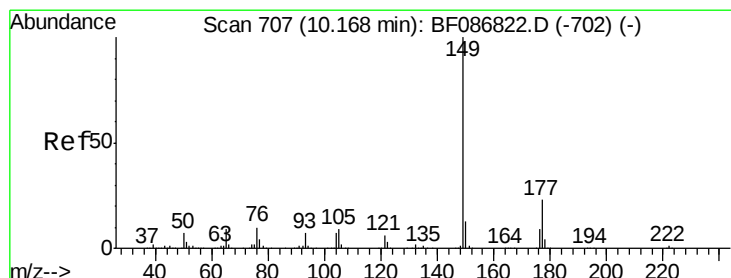
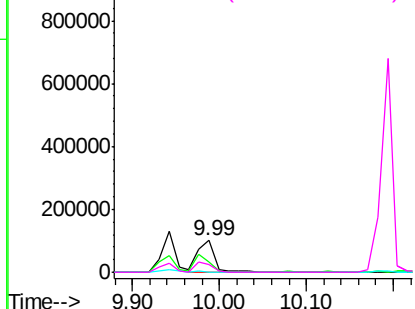
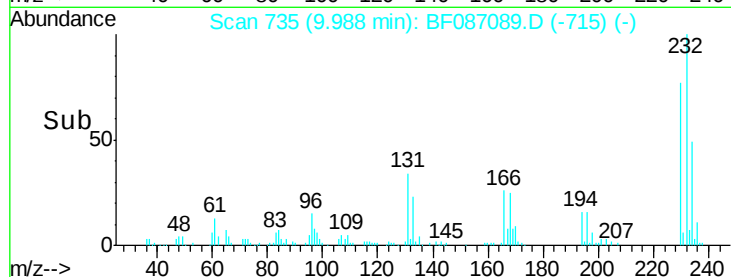
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

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

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.7	41.9	62.9
130	2.8	2.2	3.4
166	32.0	26.8	40.2

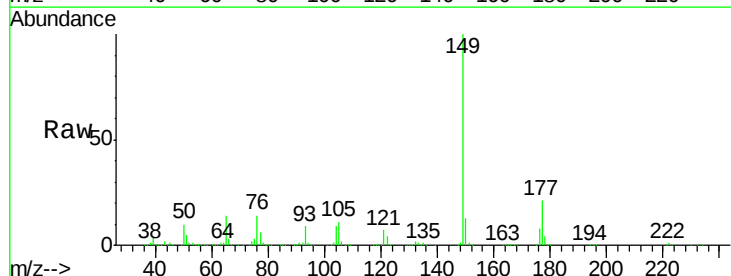


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

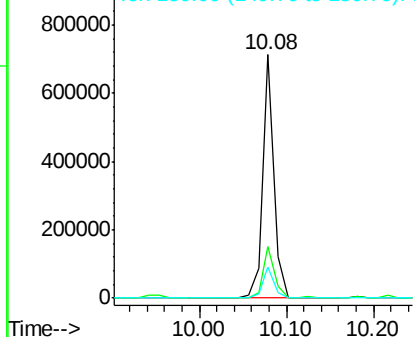
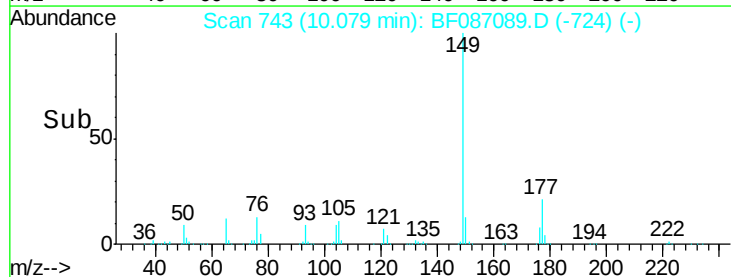


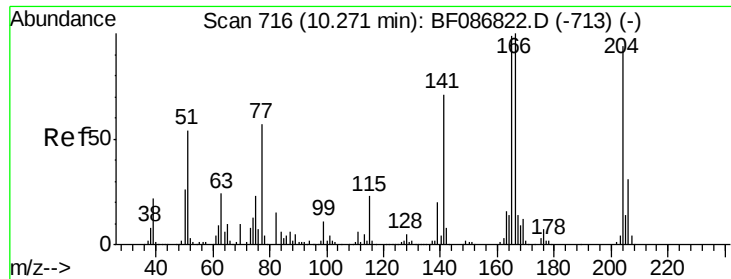
#59
 Diethylphthalate
 Concen: 42.93 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	24.8
150	13.0	10.0	15.0



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





#60

4-Chlorophenyl-phenylether

Concen: 49.58 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

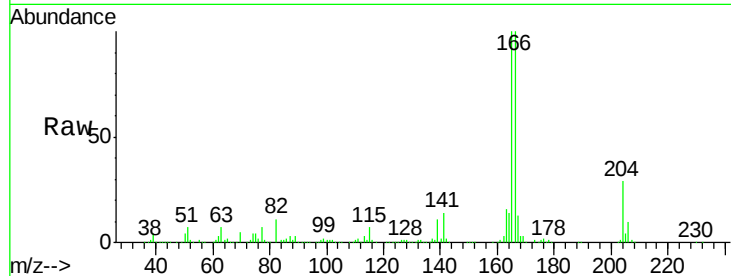
Tgt Ion:204 Resp: 264572

Ion Ratio Lower Upper

204 100

206 33.2 25.4 38.0

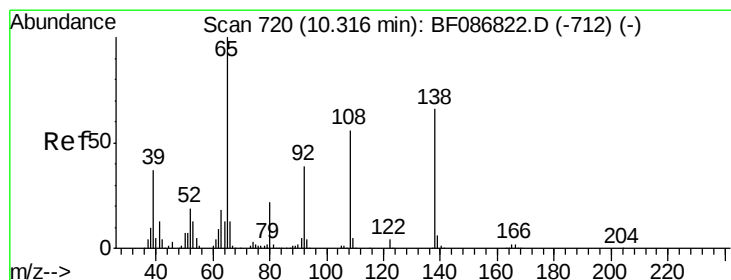
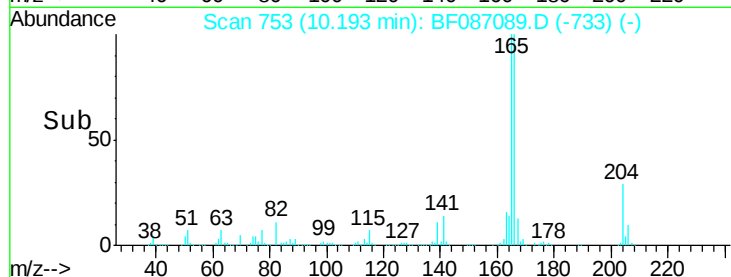
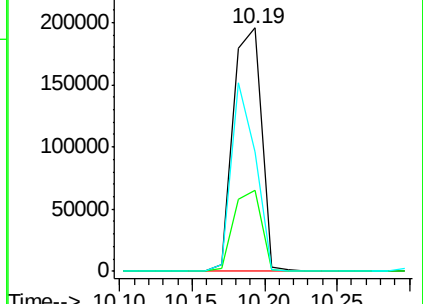
141 49.2 61.6 92.4#



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: 45.63 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

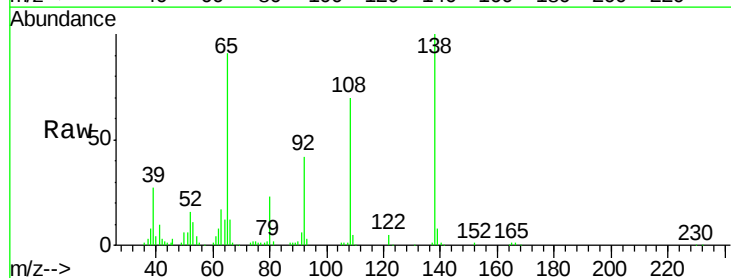
Tgt Ion:138 Resp: 149267

Ion Ratio Lower Upper

138 100

92 42.4 24.7 64.7

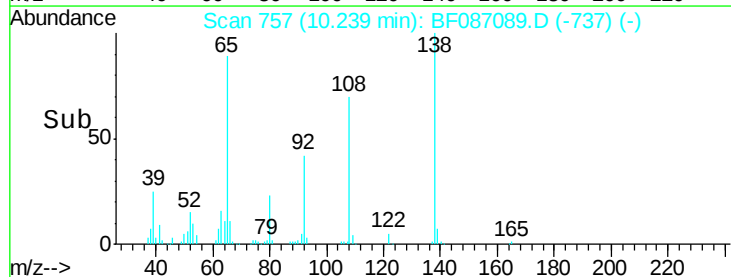
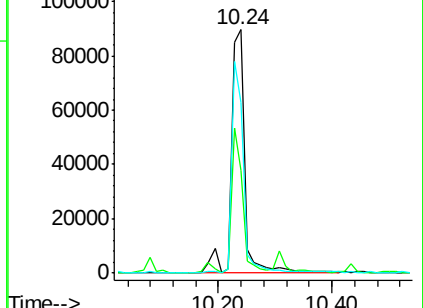
108 70.2 37.4 77.4

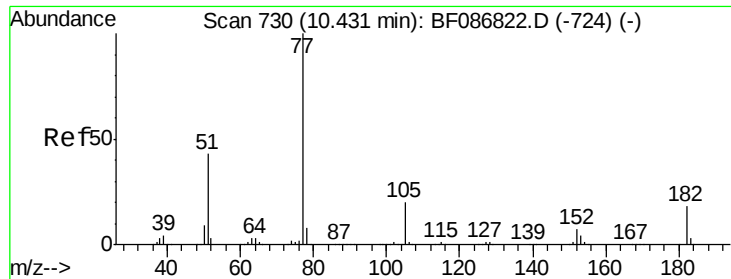


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.48 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

Tgt Ion: 77 Resp: 702781

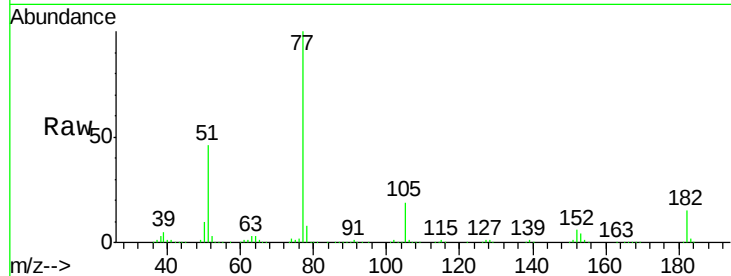
Ion Ratio Lower Upper

77 100

182 14.7 0.0 38.8

105 19.1 3.2 43.2

51 45.8 8.8 48.8

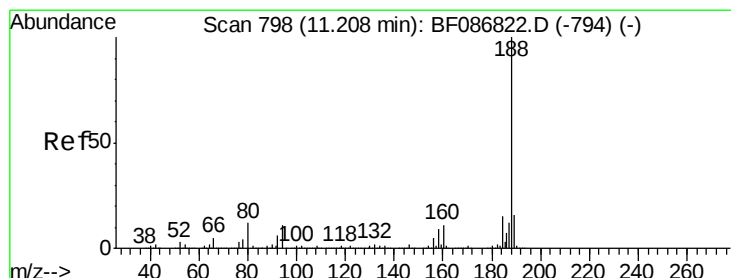
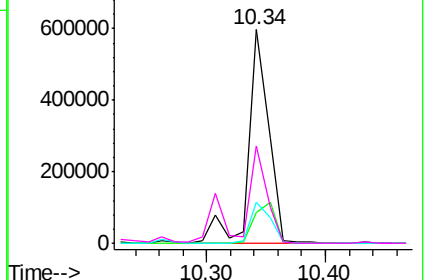
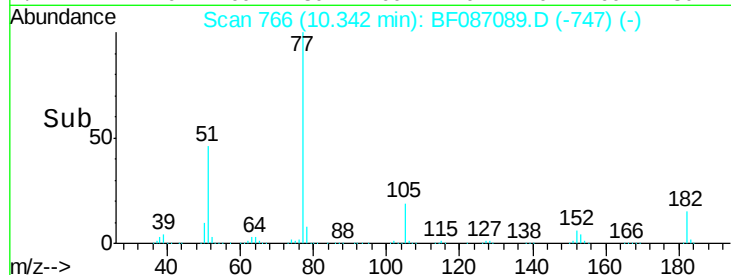


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

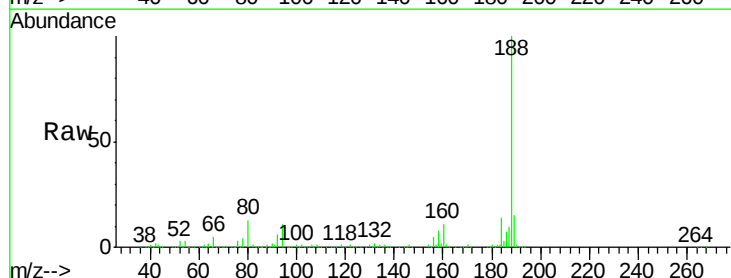
Tgt Ion: 188 Resp: 321408

Ion Ratio Lower Upper

188 100

94 11.5 6.8 10.2#

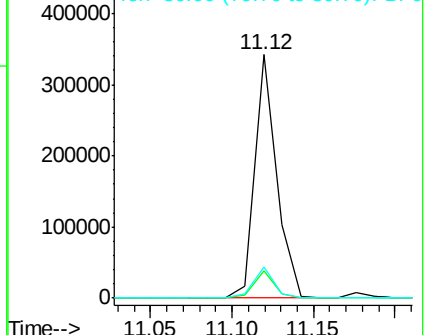
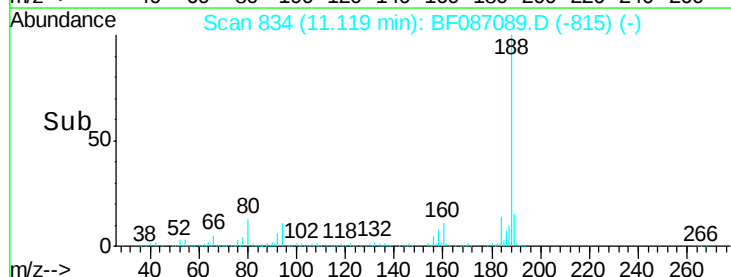
80 12.9 7.1 10.7#

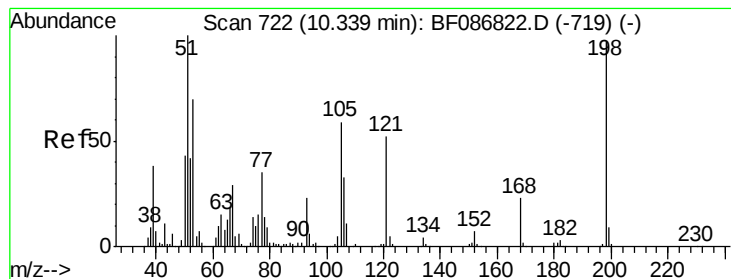


Abundance Ion 188.00 (187.70 to 188.70): E

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: 9.33 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

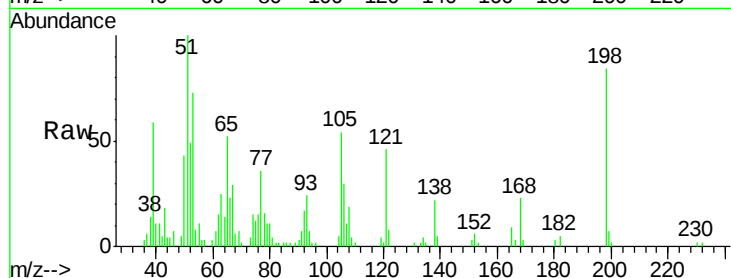
Tgt Ion:198 Resp: 18624

Ion Ratio Lower Upper

198 100

51 119.7 20.5 60.5#

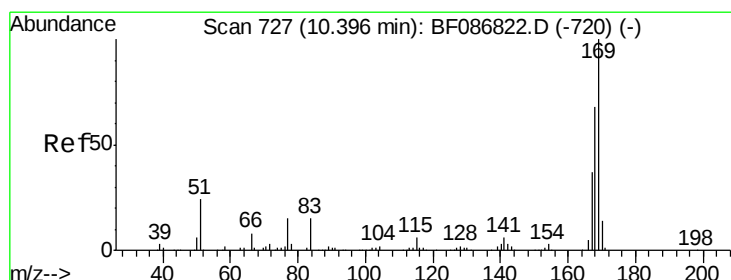
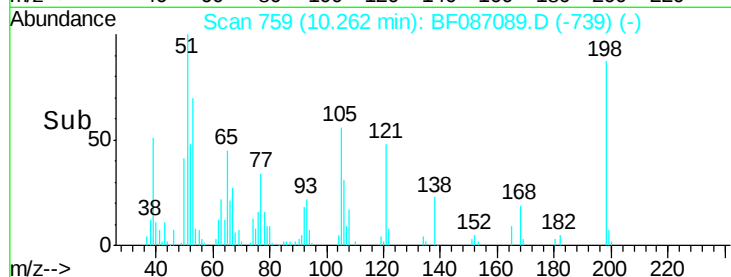
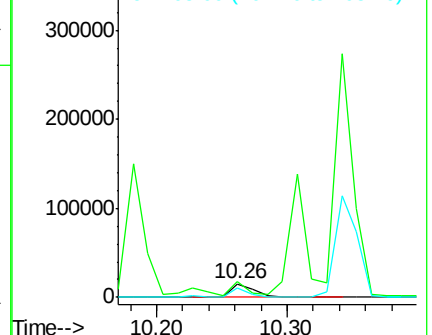
105 64.6 24.5 64.5#



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: 49.29 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

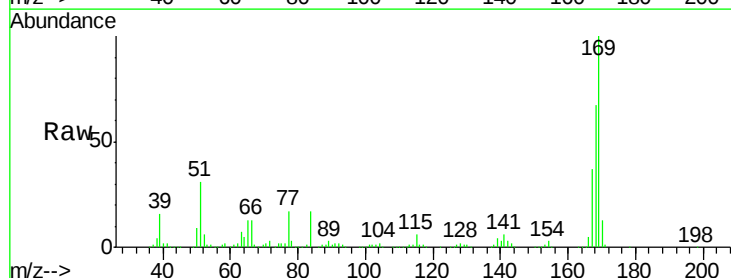
Tgt Ion:169 Resp: 486685

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

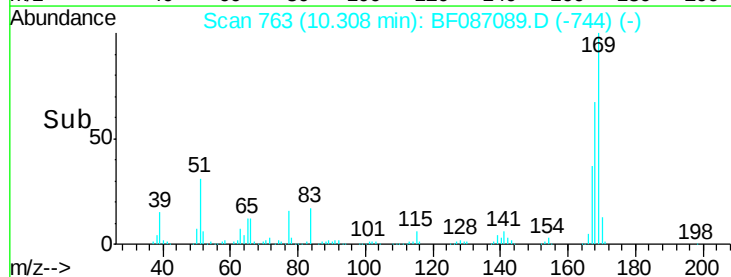
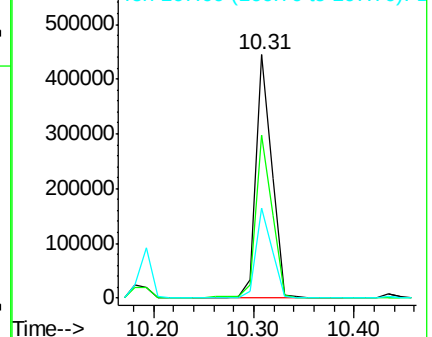
167 37.2 29.5 44.3

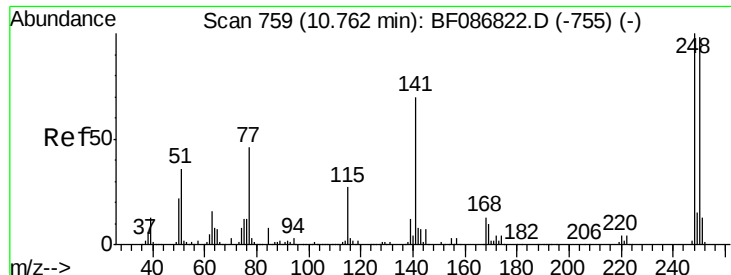


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

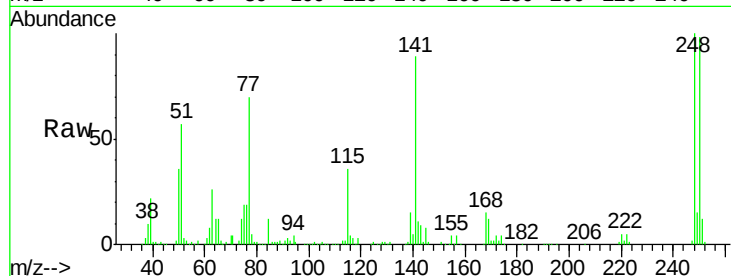




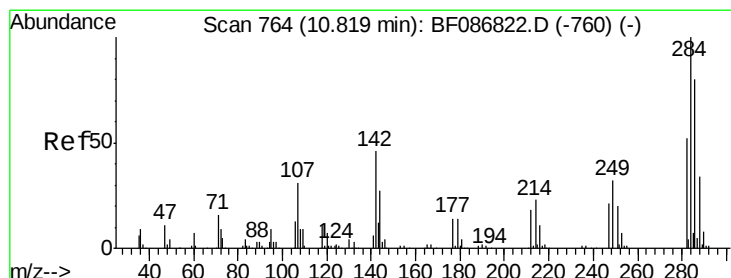
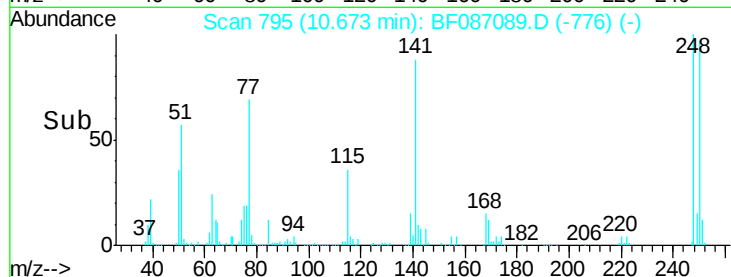
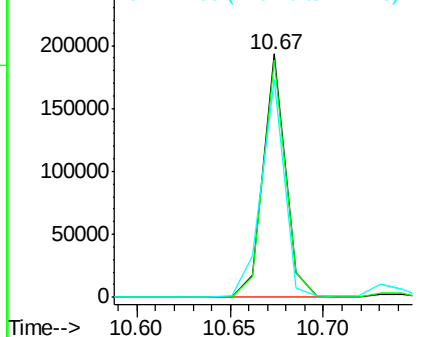
#66
4-Bromophenyl-phenylether
Concen: 49.00 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tgt Ion:248 Resp: 159668
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 89.3 76.0 114.0

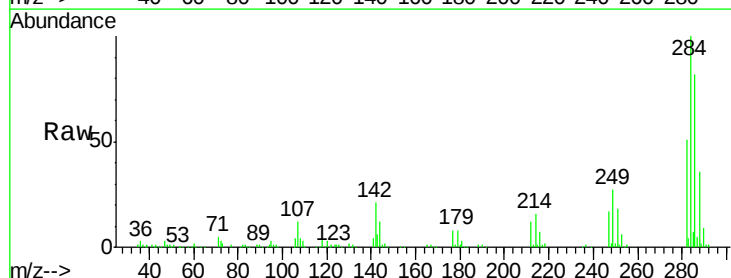


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

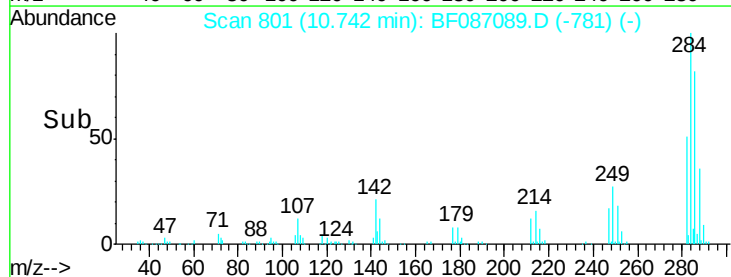
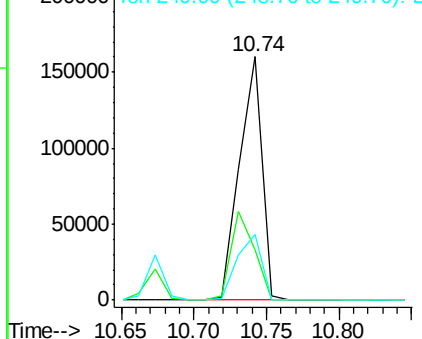


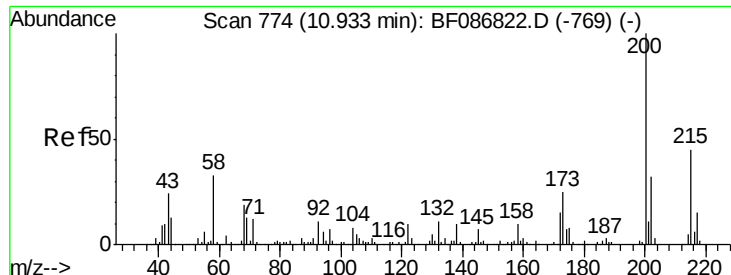
#67
Hexachlorobenzene
Concen: 45.36 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion:284 Resp: 172759
Ion Ratio Lower Upper
284 100
142 20.9 16.7 25.1
249 27.1 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

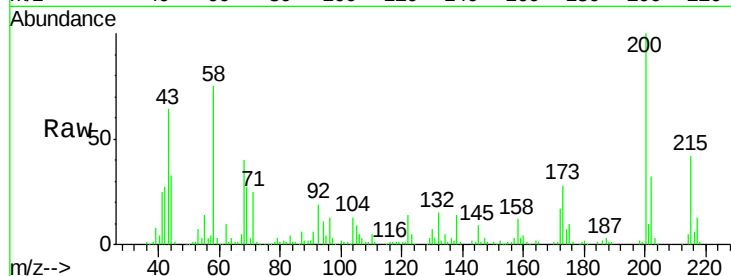




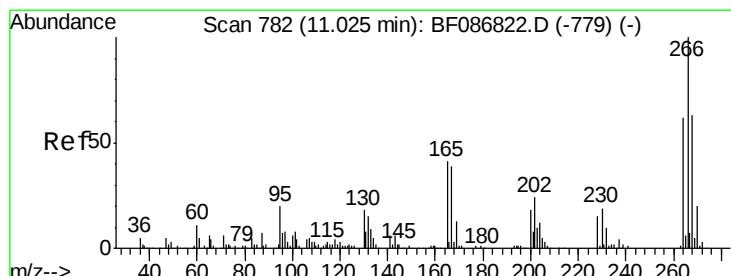
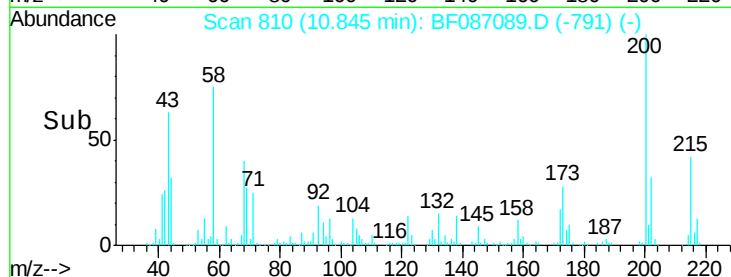
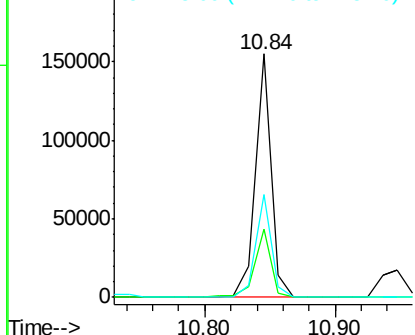
#68
Atrazine
Concen: 39.76 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tgt Ion:200 Resp: 131145
Ion Ratio Lower Upper
200 100
173 28.1 8.5 48.5
215 42.3 27.2 67.2

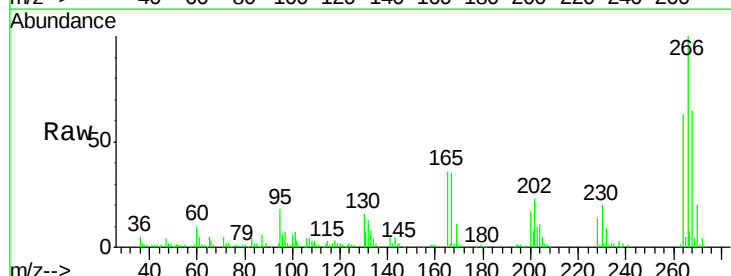


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

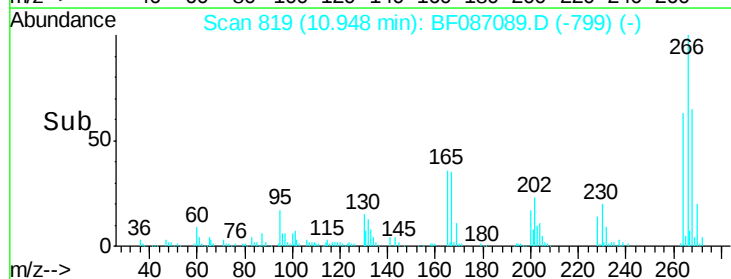
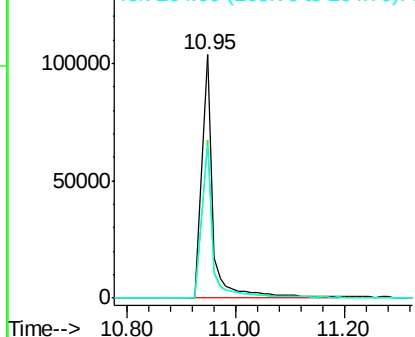


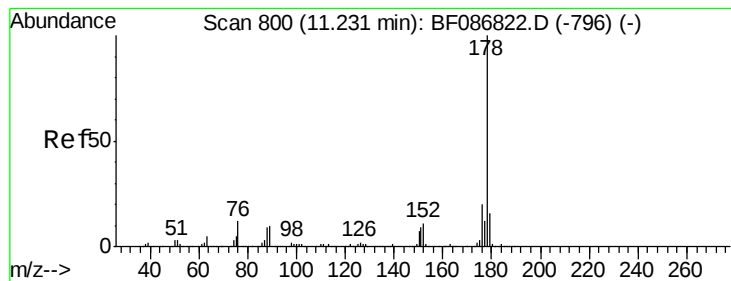
#69
Pentachlorophenol
Concen: 83.91 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion:266 Resp: 147689
Ion Ratio Lower Upper
266 100
268 64.9 51.5 77.3
264 62.9 52.9 79.3



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





#70

Phenanthrene

Concen: 43.95 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

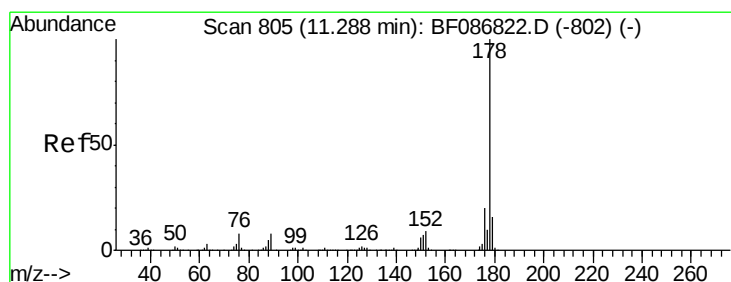
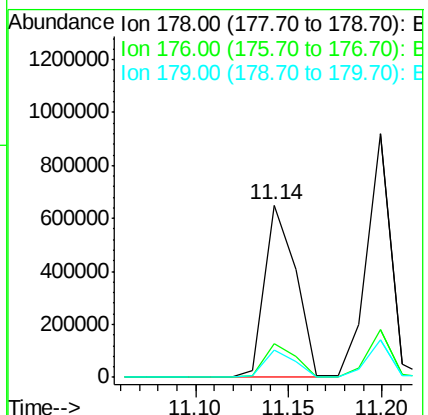
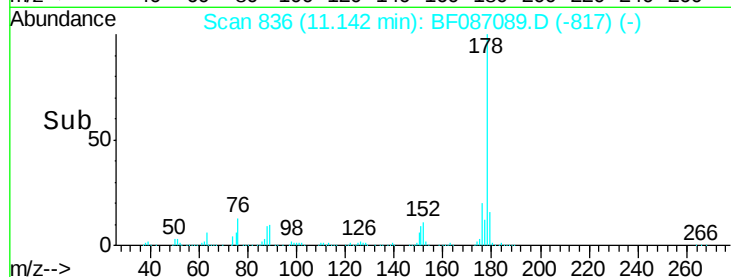
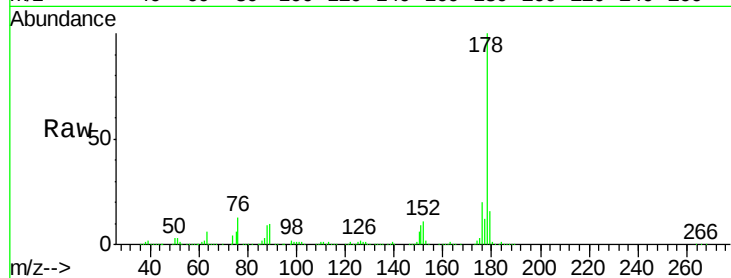
Tgt Ion:178 Resp: 753921

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.8 12.6 18.8



#71

Anthracene

Concen: 46.62 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

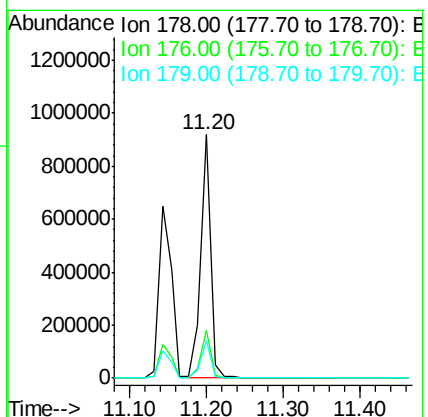
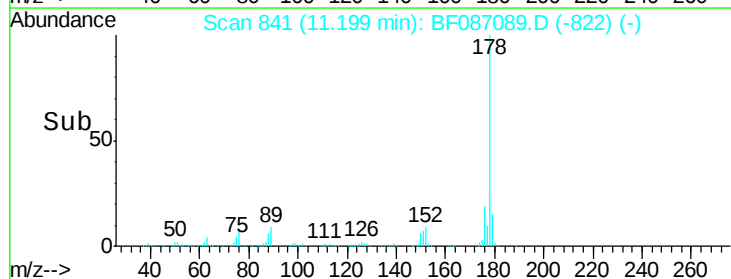
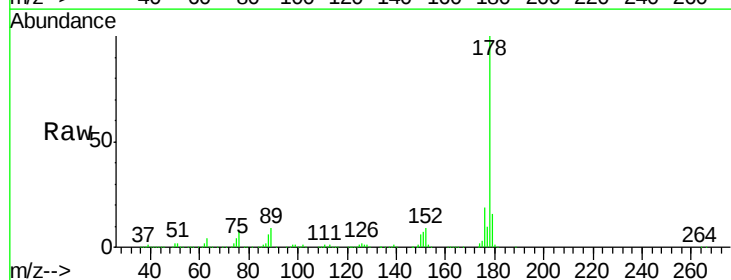
Tgt Ion:178 Resp: 817774

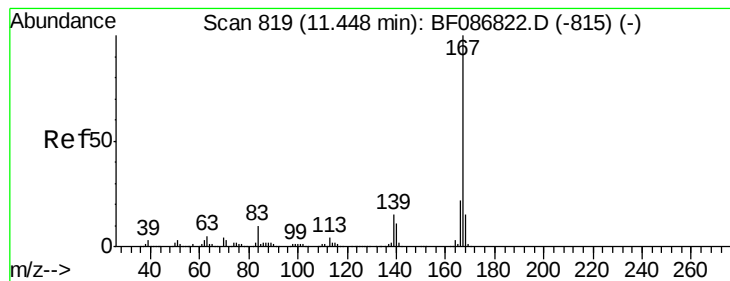
Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.5 12.7 19.1





#72

Carbazole

Concen: 44.37 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

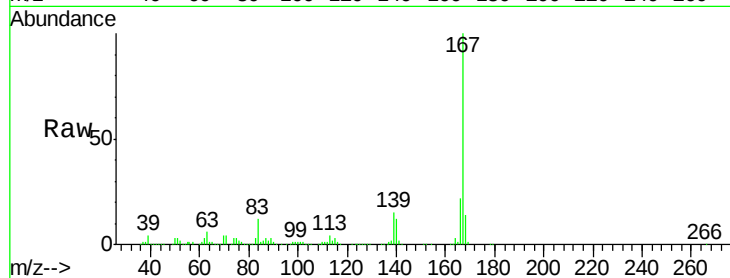
Tgt Ion:167 Resp: 669040

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

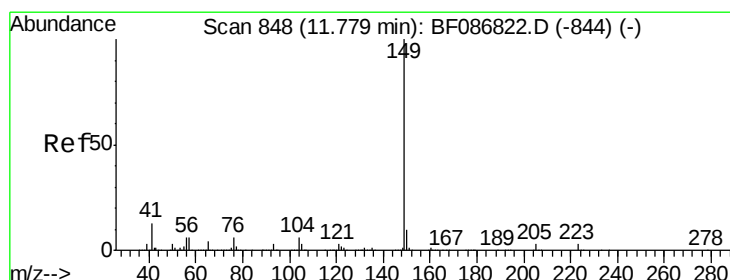
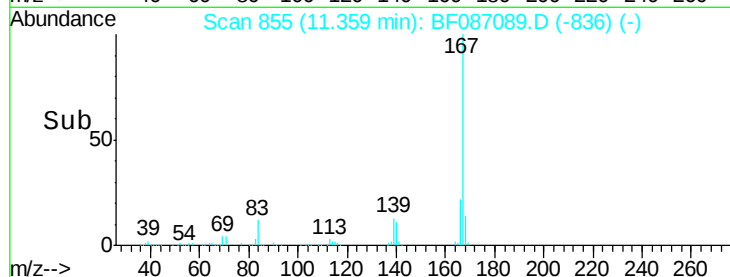
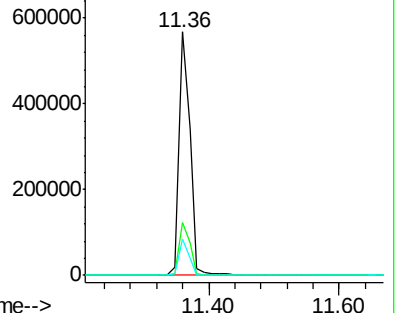
139 15.1 10.8 16.2



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: 51.72 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

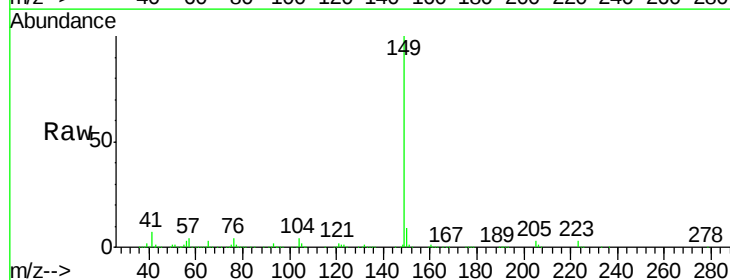
Tgt Ion:149 Resp: 952514

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

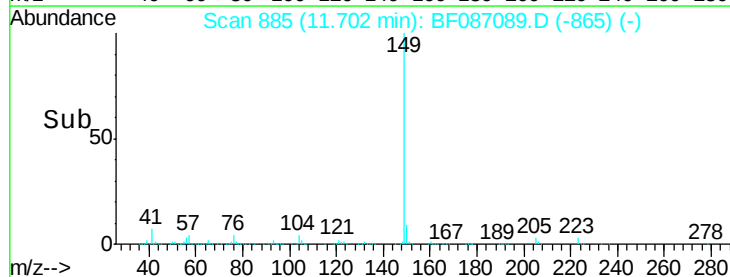
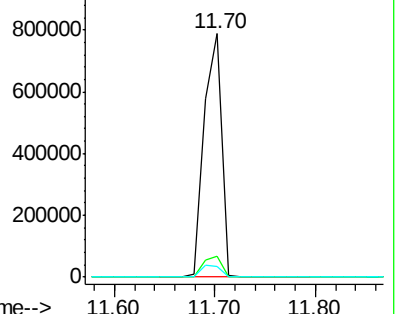
104 4.4 3.8 5.6

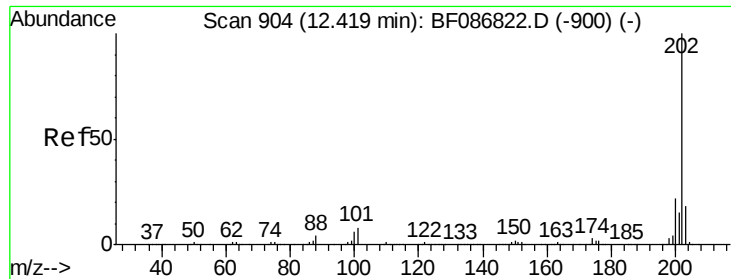


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

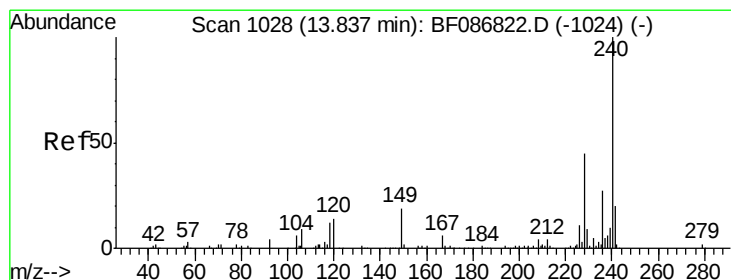
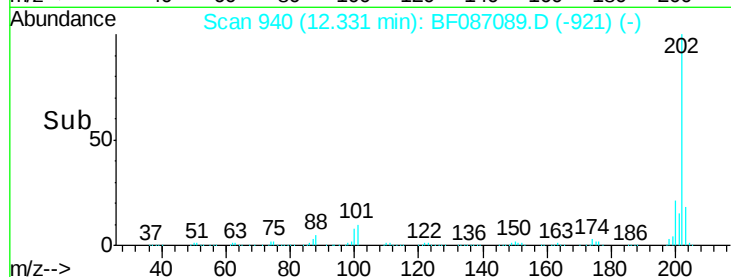
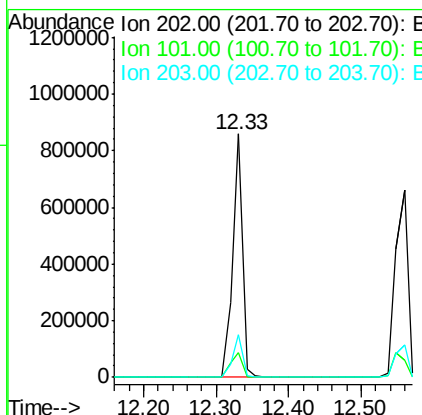
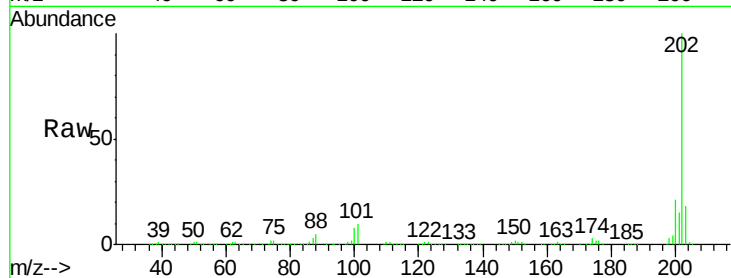




#74
 Fluoranthene
 Concen: 45.82 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

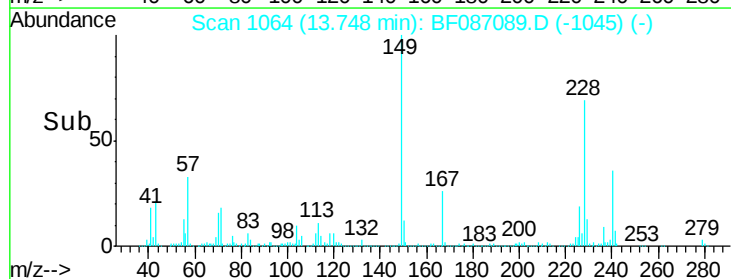
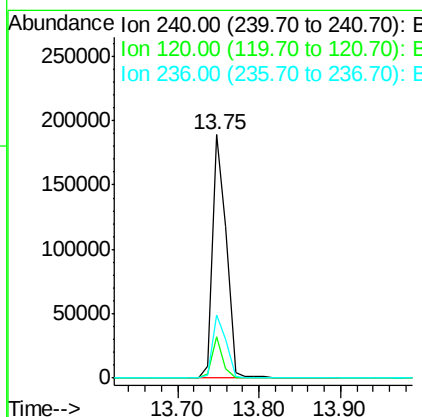
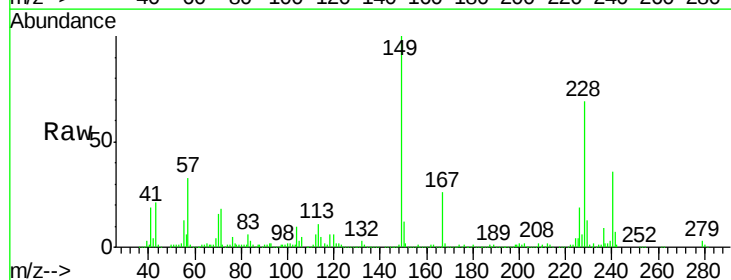
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

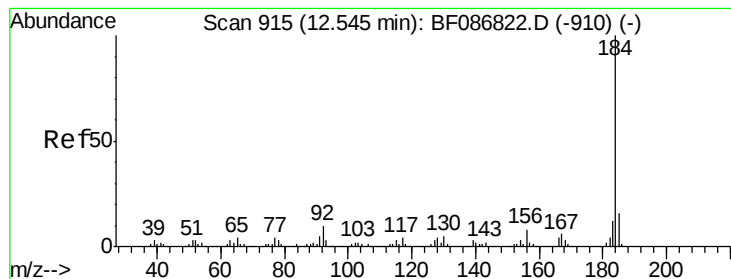
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	808325		
101	10.1		0.0	35.4
203	17.6		0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	223730		
120	16.8		11.2	16.8#
236	25.8		21.2	31.8





#76

Benzidine

Concen: 39.57 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

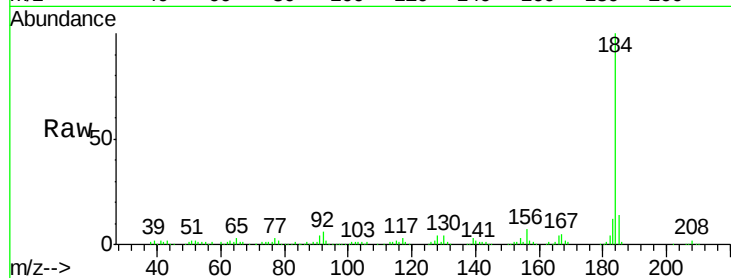
Tgt Ion:184 Resp: 225692

Ion Ratio Lower Upper

184 100

185 14.3 13.6 20.4

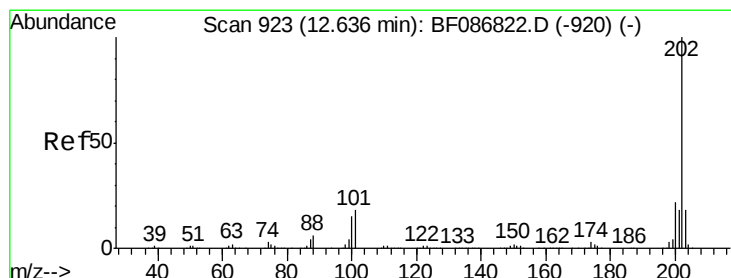
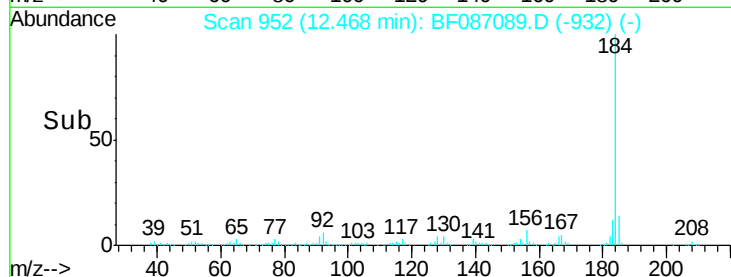
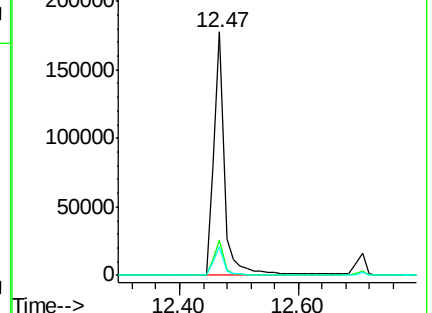
183 11.9 9.8 14.6



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: 46.12 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

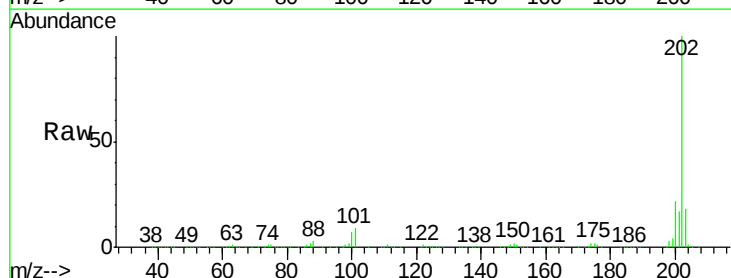
Tgt Ion:202 Resp: 789961

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

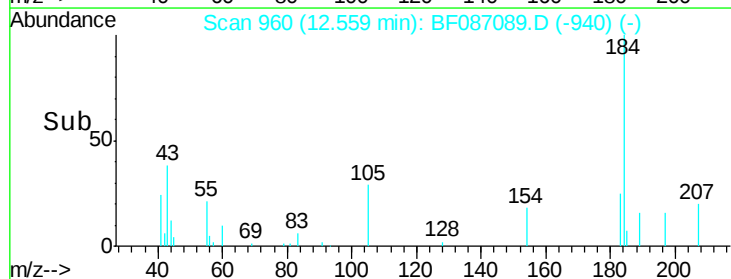
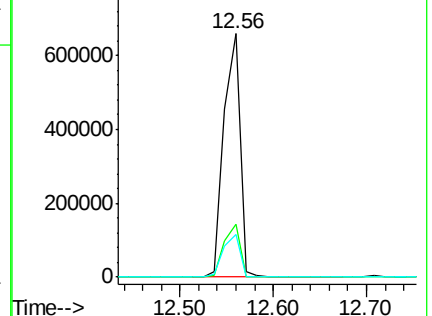
203 17.6 14.2 21.4

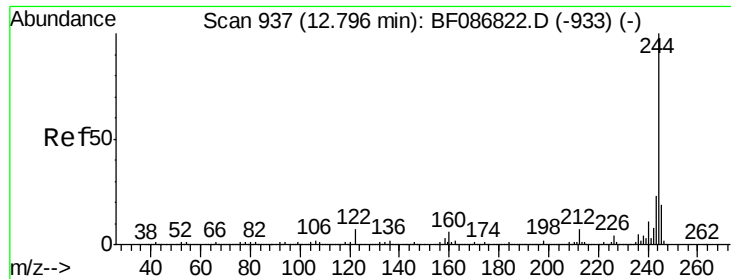


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

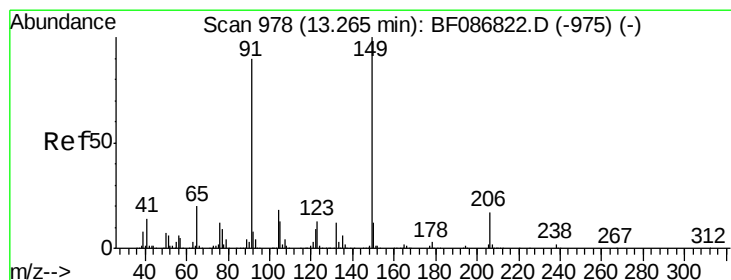
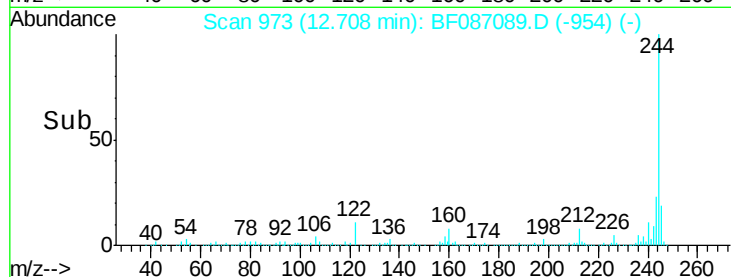
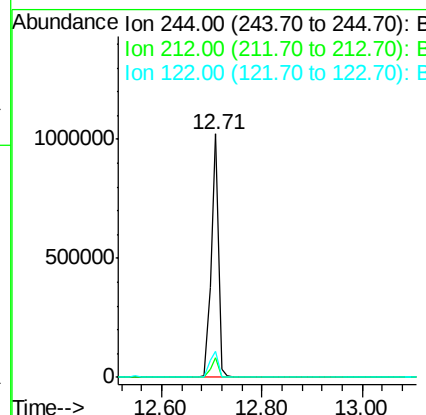
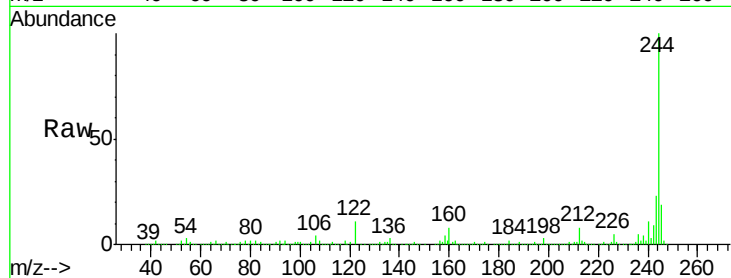




#78
 Terphenyl-d14
 Concen: 95.18 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.09 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

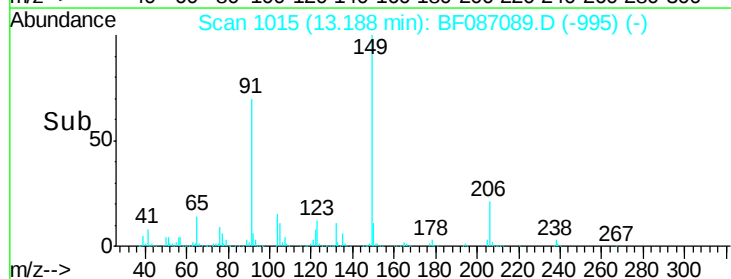
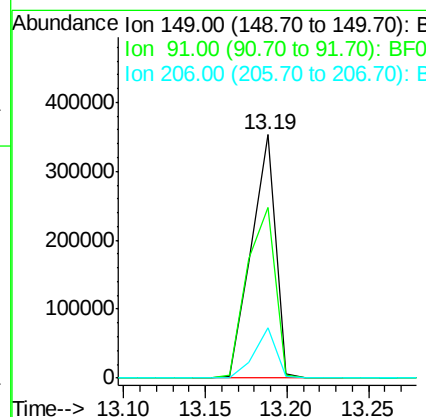
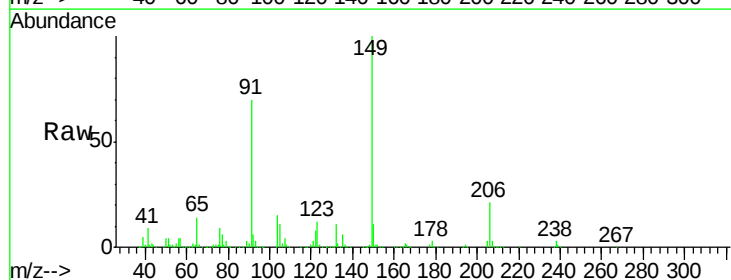
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MS

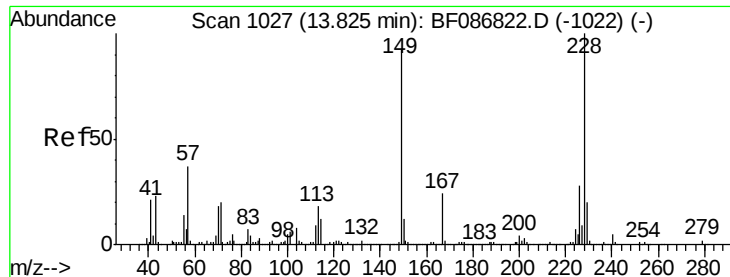
Tgt Ion:244 Resp: 1003652
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.9 12.0 18.0#



#79
 Butylbenzylphthalate
 Concen: 50.30 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. -0.08 min
 Lab File: BF087089.D
 Acq: 16 May 2016 18:55

Tgt Ion:149 Resp: 364430
 Ion Ratio Lower Upper
 149 100
 91 69.9 48.0 72.0
 206 20.6 15.8 23.6





#80

Benzo(a)anthracene

Concen: 49.60 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

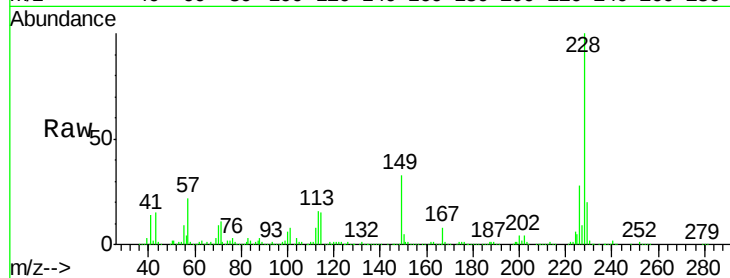
Tgt Ion:228 Resp: 622918

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

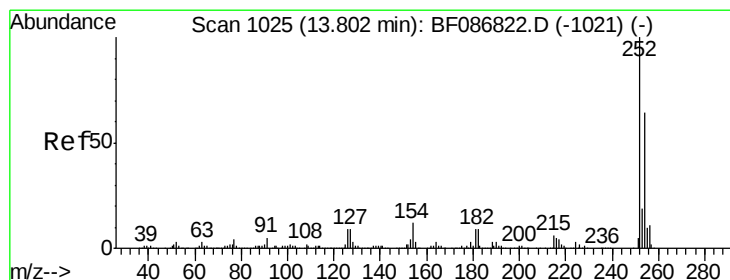
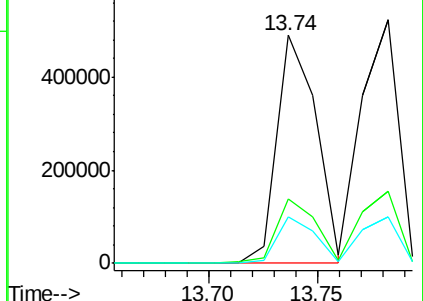
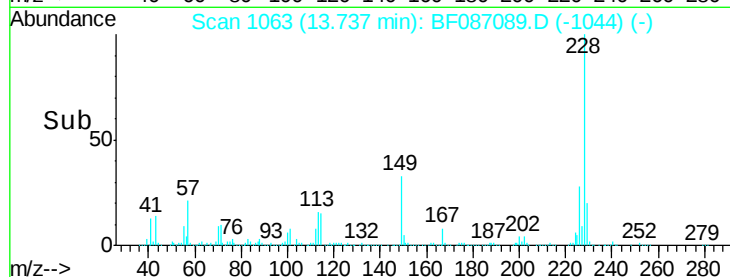
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.21 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

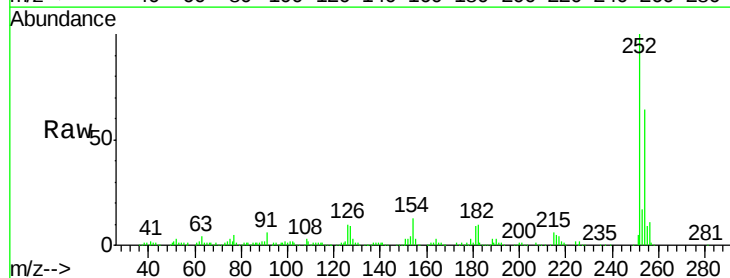
Tgt Ion:252 Resp: 201171

Ion Ratio Lower Upper

252 100

254 63.6 50.7 76.1

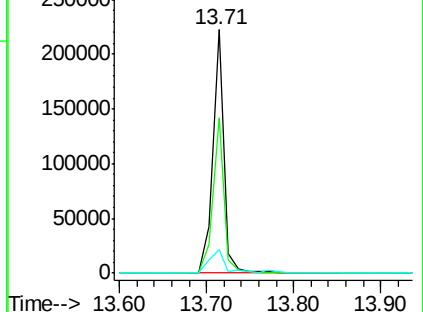
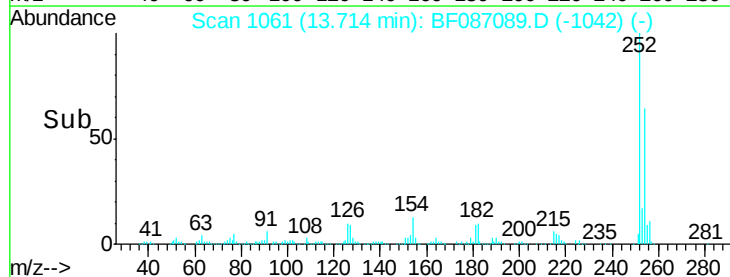
126 9.7 12.7 19.1#

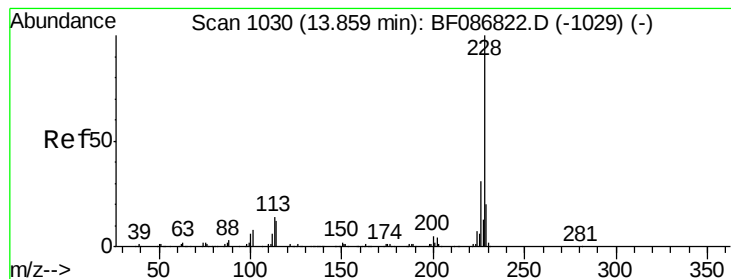


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 49.50 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

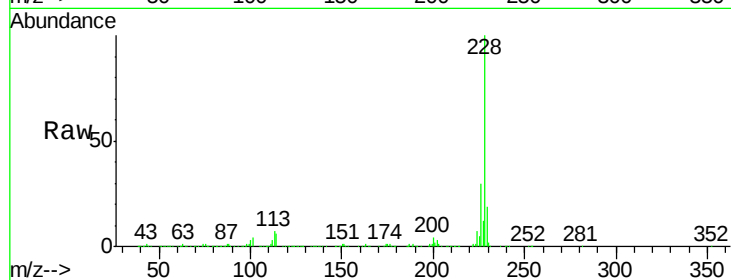
Tgt Ion:228 Resp: 632448

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

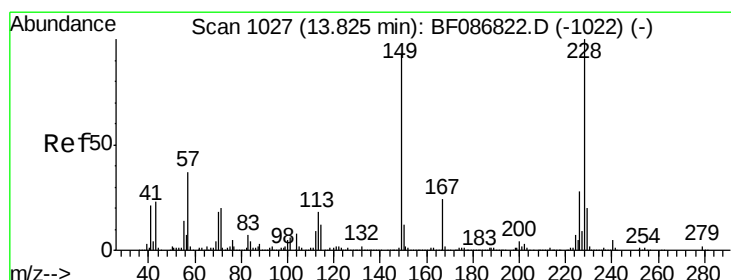
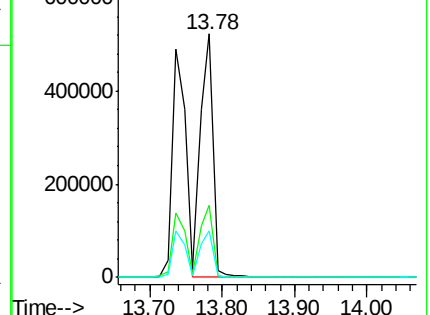
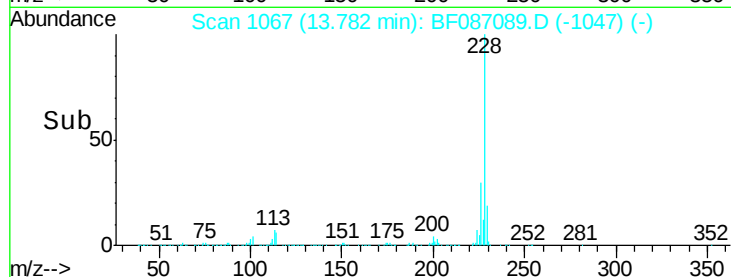
229 19.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.31 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

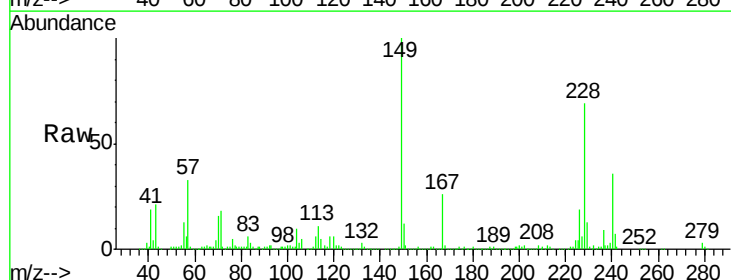
Tgt Ion:149 Resp: 490722

Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.6

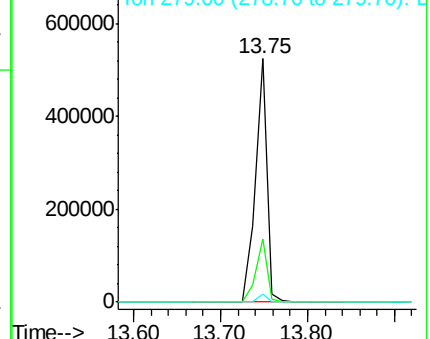
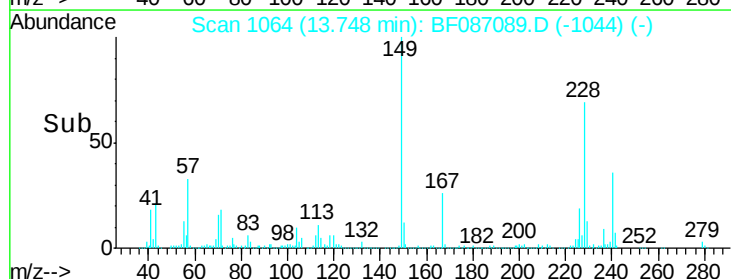
279 3.2 2.6 4.0

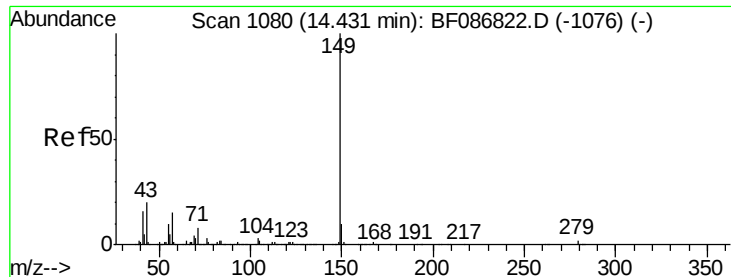


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

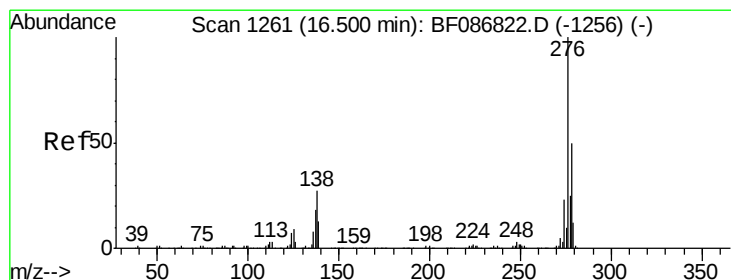
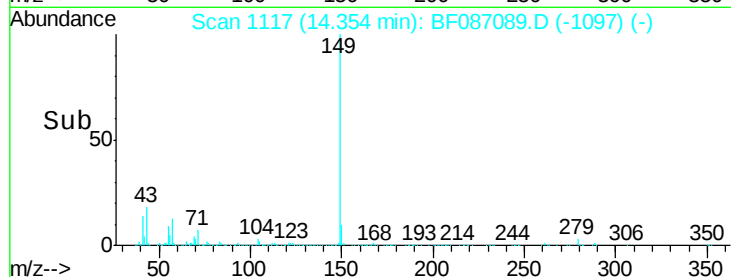
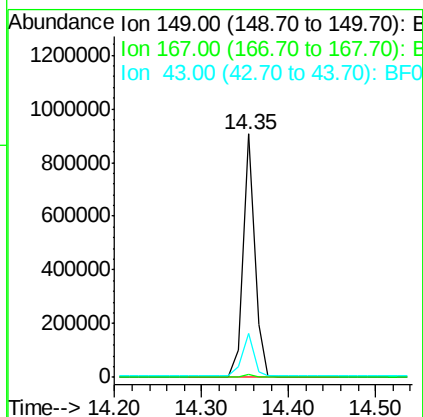
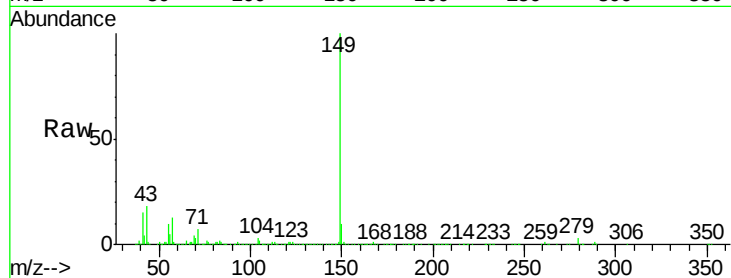




#84
Di-n-octyl phthalate
Concen: 57.45 ng
RT: 14.35 min Scan# 1117
Delta R.T. -0.08 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

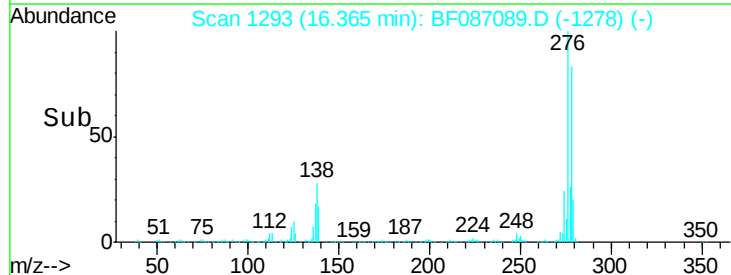
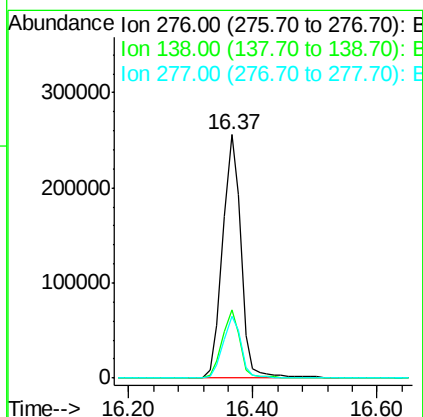
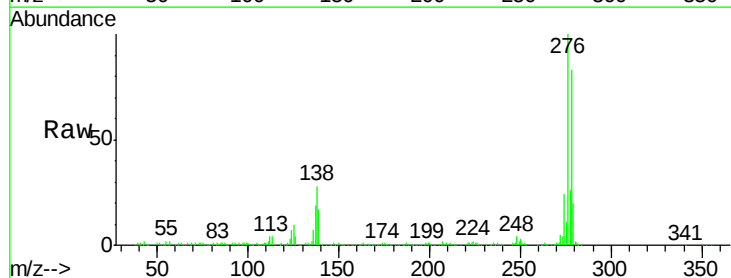
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

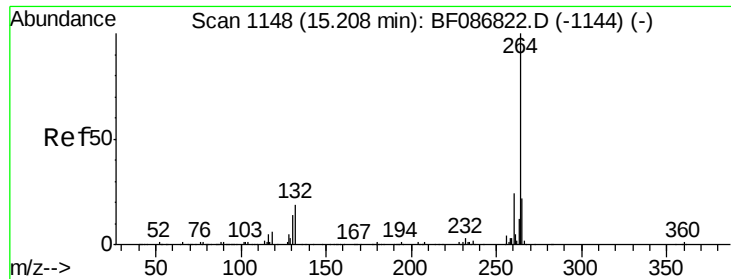
Tgt Ion:149 Resp: 829382
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8#
43 17.5 8.2 12.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.15 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.13 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion:276 Resp: 522441
Ion Ratio Lower Upper
276 100
138 27.9 25.6 38.4
277 25.6 20.5 30.7



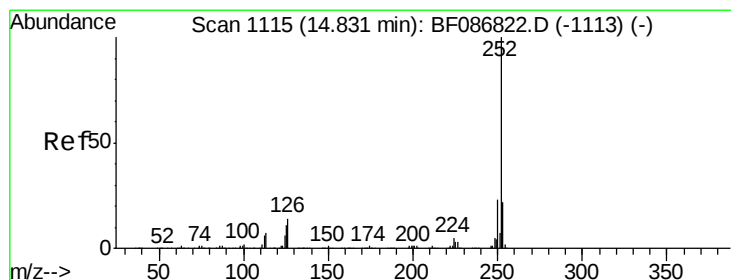
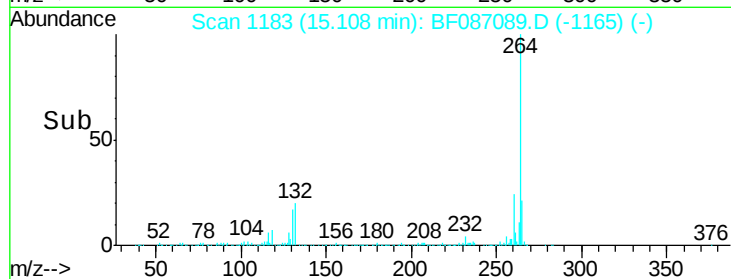
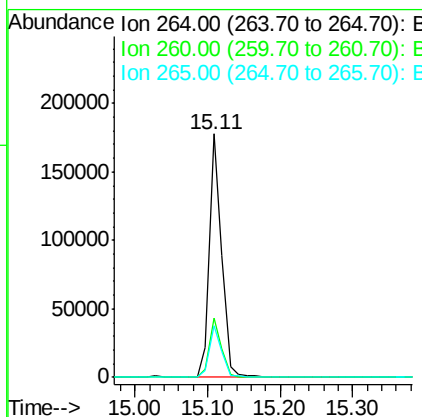
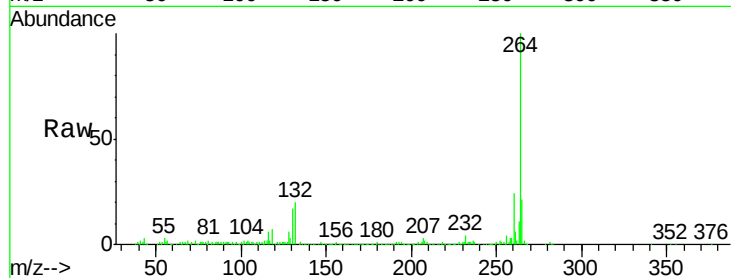


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

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

Tgt Ion: 264 Resp: 209749

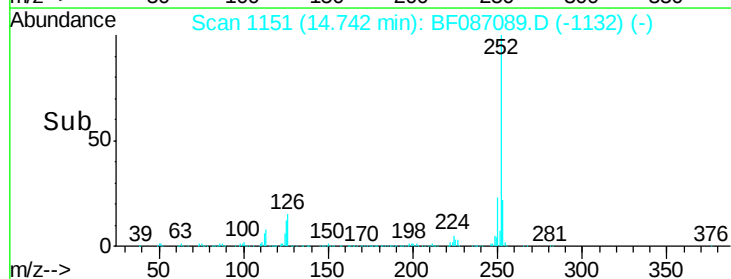
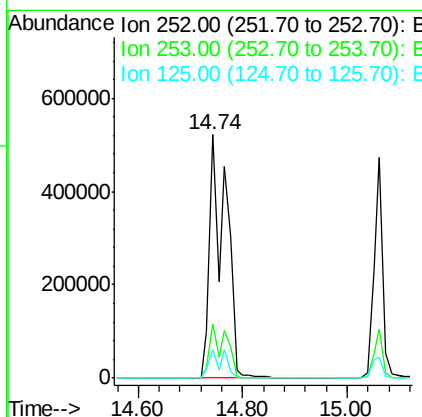
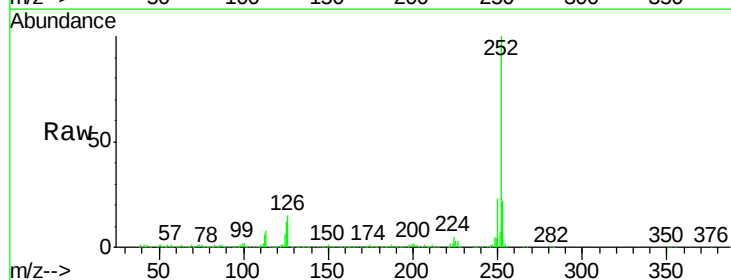
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9

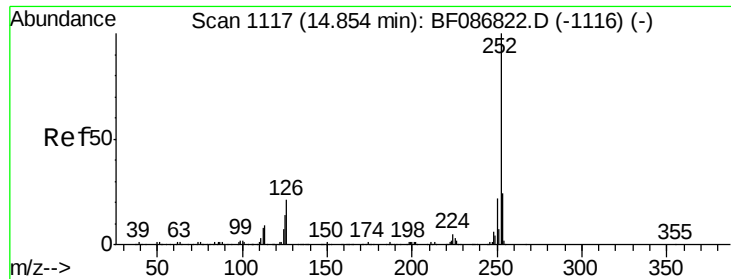


#87
Benzo(b)fluoranthene
Concen: 82.37 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion: 252 Resp: 1122870

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.7	11.4	17.0

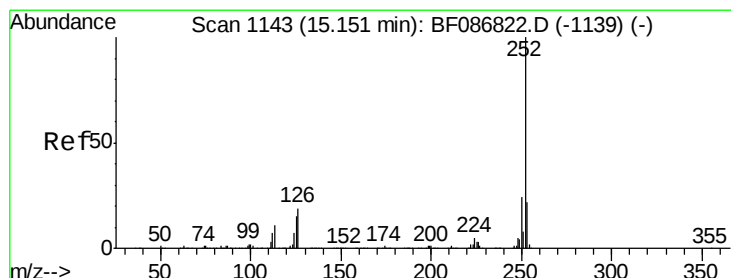
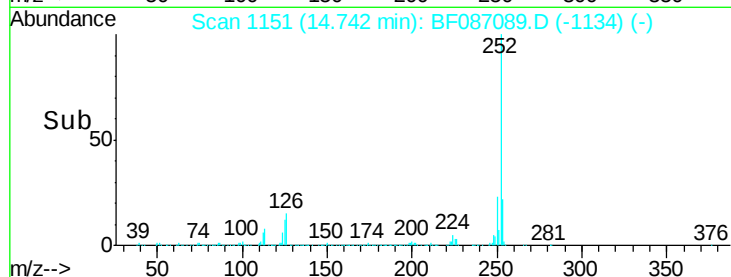
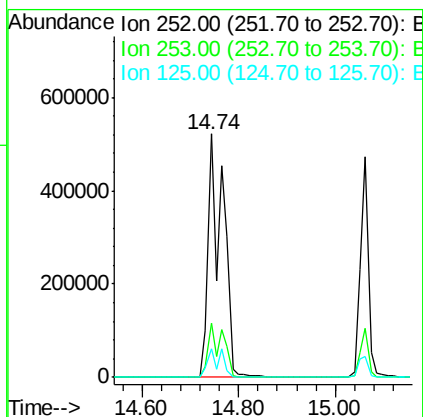
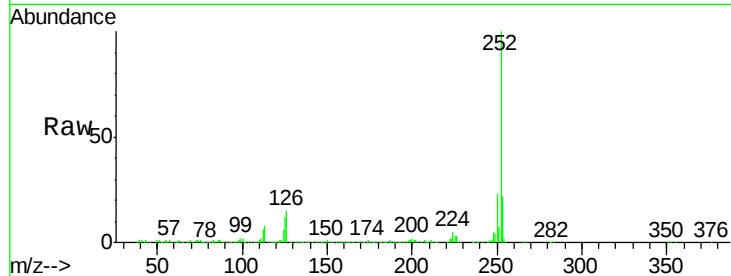




#88
Benzo(k)fluoranthene
Concen: 100.68 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

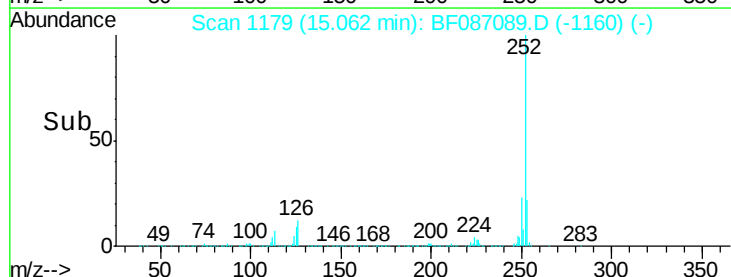
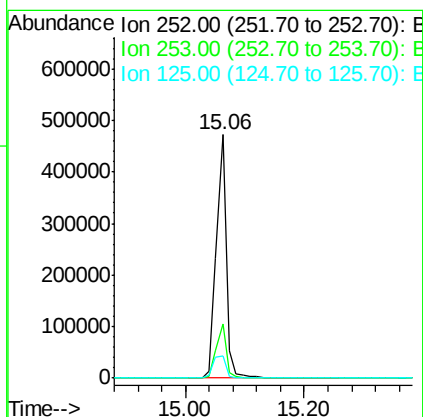
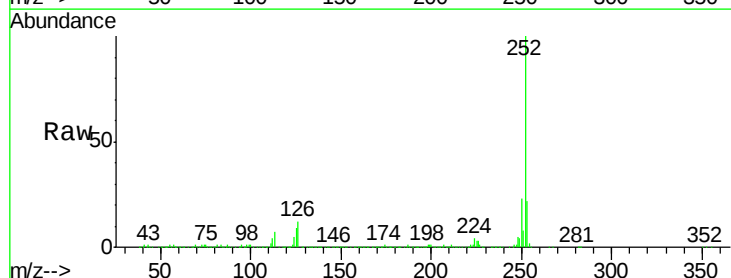
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MS

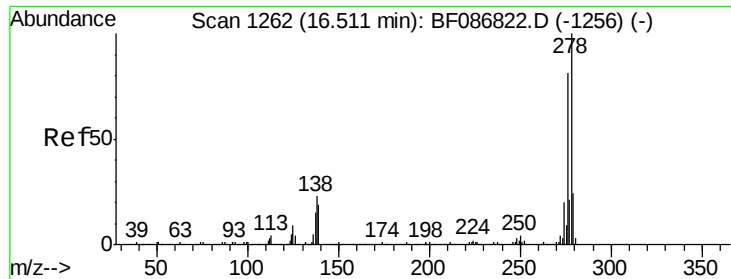
Tgt Ion:252 Resp: 1123742
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.7 9.1 13.7



#89
Benzo(a)pyrene
Concen: 46.30 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087089.D
Acq: 16 May 2016 18:55

Tgt Ion:252 Resp: 544432
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 45.43 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.13 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MS

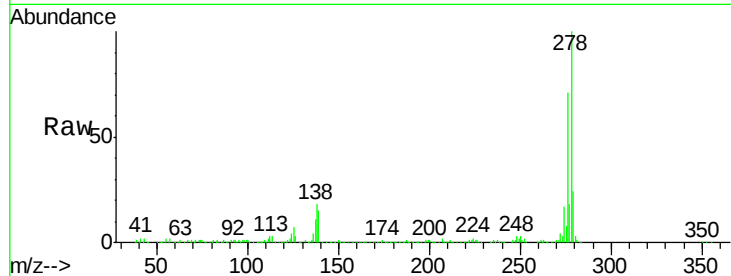
Tgt Ion:278 Resp: 450196

Ion Ratio Lower Upper

278 100

139 14.8 16.6 24.8#

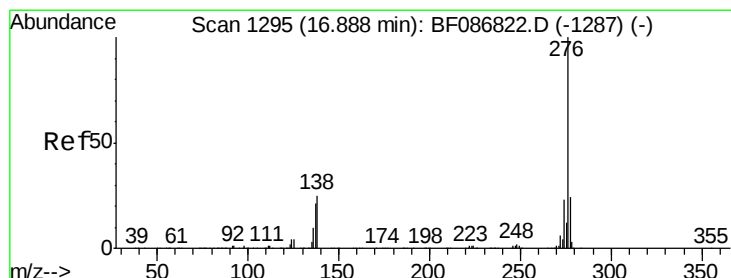
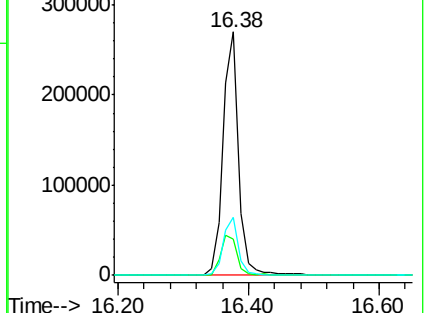
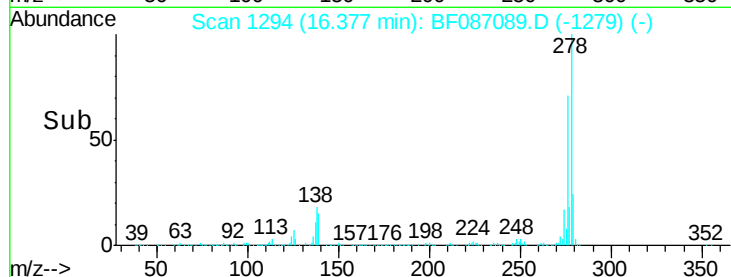
279 23.6 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.71 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF087089.D

Acq: 16 May 2016 18:55

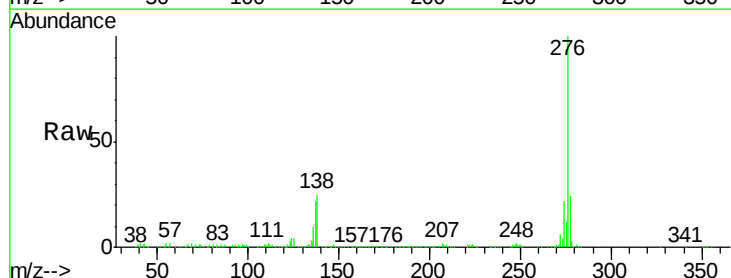
Tgt Ion:276 Resp: 420021

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 25.4 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

