

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087151.D
 Acq On : 18 May 2016 18:49
 Operator : UM/SJ
 Sample : H3137-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Quant Time: May 19 03:50:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	137303	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	561088	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	265812	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	516625	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	356198	20.00	ng	-0.03
86) Perylene-d12	15.06	264	314551	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	1037833	127.05	ng	-0.02
7) Phenol-d6	6.25	99	1405370	128.28	ng	-0.03
23) Nitrobenzene-d5	7.15	82	976950	86.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	389274	132.53	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1286992	80.19	ng	-0.03
78) Terphenyl-d14	12.67	244	1219355	77.44	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	147777	35.17	ng	# 62
3) Pyridine	2.72	79	122653	12.07	ng	# 65
4) n-Nitrosodimethylamine	2.65	42	314146	43.61	ng	# 49
6) Aniline	6.25	93	405131	29.11	ng	# 85
8) 2-Chlorophenol	6.38	128	420509	42.31	ng	97
9) Benzaldehyde	6.12	77	131285	19.17	ng	99
10) Phenol	6.27	94	463434	33.65	ng	96
11) bis(2-Chloroethyl)ether	6.33	93	466822	45.14	ng	90
12) 1,3-Dichlorobenzene	6.75	146	386946	36.63	ng	99
13) 1,4-Dichlorobenzene	6.75	146	389699	36.05	ng	97
14) 1,2-Dichlorobenzene	6.75	146	393305	41.56	ng	97
15) Benzyl Alcohol	6.74	79	380540	46.66	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	866423	40.75	ng	70
17) 2-Methylphenol	6.88	107	336459	41.22	ng	# 80
18) Hexachloroethane	7.08	117	172366	41.71	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	359860	43.21	ng	# 72
20) 3+4-Methylphenols	7.03	107	479424	44.53	ng	# 60
22) Acetophenone	7.00	105	616163	44.87	ng	# 99
24) Nitrobenzene	7.18	77	497088	40.44	ng	98
25) Isophorone	7.42	82	876985	42.55	ng	98
26) 2-Nitrophenol	7.50	139	241016	47.33	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	388462	44.70	ng	88
28) bis(2-Chloroethoxy)methane	7.63	93	515790	45.59	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	355551	46.43	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	380738	44.81	ng	98
31) Naphthalene	7.88	128	1182963	43.15	ng	99
32) Benzoic acid	7.70	122	129894	25.08	ng	# 80
33) 4-Chloroaniline	7.95	127	330898	29.04	ng	# 91
34) Hexachlorobutadiene	8.01	225	220578	45.74	ng	99
35) Caprolactam	8.34	113	63967	25.09	ng	# 61
36) 4-Chloro-3-methylphenol	8.47	107	407201	44.08	ng	99
37) 2-Methylnaphthalene	8.58	142	788099	44.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	341560	43.99	ng	99
40) Hexachlorocyclopentadiene	8.73	237	237390	79.26	ng	96

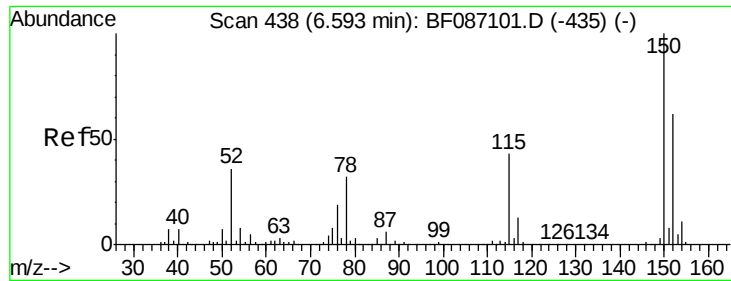
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	218502	43.40	ng	91
43) 2,4,5-Trichlorophenol	8.92	196	231800	44.32	ng	95
45) 1,1'-Biphenyl	9.05	154	1015178	46.06	ng	98
46) 2-Chloronaphthalene	9.07	162	757343	44.76	ng	100
47) 2-Nitroaniline	9.18	65	268705	41.44	ng	# 72
48) Acenaphthylene	9.48	152	1119278	43.32	ng	99
49) Dimethylphthalate	9.36	163	1044776	51.52	ng	99
50) 2,6-Dinitrotoluene	9.43	165	210427	47.79	ng	96
51) Acenaphthene	9.64	154	677238	41.96	ng	98
52) 3-Nitroaniline	9.60	138	168130	35.27	ng	96
53) 2,4-Dinitrophenol	9.71	184	170253	68.23	ng	87
54) Dibenzofuran	9.83	168	996480	47.74	ng	98
55) 4-Nitrophenol	9.83	139	674886	131.62	ng	# 23
56) 2,4-Dinitrotoluene	9.83	165	224619	39.83	ng	# 73
57) Fluorene	10.16	166	716000	42.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	207066	50.83	ng	97
59) Diethylphthalate	10.06	149	860958	44.48	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	354993	44.66	ng	93
61) 4-Nitroaniline	10.22	138	208053	44.21	ng	86
62) Azobenzene	10.32	77	1072235	48.07	ng	88
64) 4,6-Dinitro-2-methylphenol	10.24	198	138295	40.65	ng	# 62
65) n-Nitrosodiphenylamine	10.28	169	689865	42.43	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	222291	41.84	ng	# 87
67) Hexachlorobenzene	10.71	284	253412	41.14	ng	# 82
68) Atrazine	10.82	200	250237	47.18	ng	93
69) Pentachlorophenol	10.91	266	216681	93.64	ng	97
70) Phenanthrene	11.12	178	1212252	43.26	ng	100
71) Anthracene	11.16	178	1130509	39.89	ng	100
72) Carbazole	11.34	167	1159096	44.77	ng	99
73) Di-n-butylphthalate	11.67	149	1334054	44.86	ng	# 99
74) Fluoranthene	12.30	202	1129416	40.23	ng	98
76) Benzidine	12.43	184	62471	5.62	ng	96
77) Pyrene	12.53	202	1251702	48.64	ng	99
79) Butylbenzylphthalate	13.15	149	586213	53.96	ng	# 82
80) Benzo(a)anthracene	13.70	228	924702	44.90	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	241657	18.44	ng	# 96
82) Chrysene	13.75	228	990524	49.71	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	709923	53.70	ng	98
84) Di-n-octyl phthalate	14.32	149	1163083	51.07	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.31	276	774686	44.29	ng	95
87) Benzo(b)fluoranthene	14.73	252	1594037	76.39	ng	# 97
88) Benzo(k)fluoranthene	14.73	252	1594037	102.61	ng	100
89) Benzo(a)pyrene	15.02	252	738711	42.35	ng	99
90) Dibenzo(a,h)anthracene	16.31	278	648039	44.13	ng	97
91) Benzo(g,h,i)perylene	16.67	276	667757	45.02	ng	# 89

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

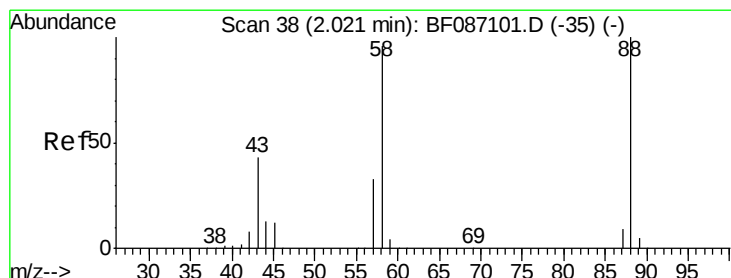
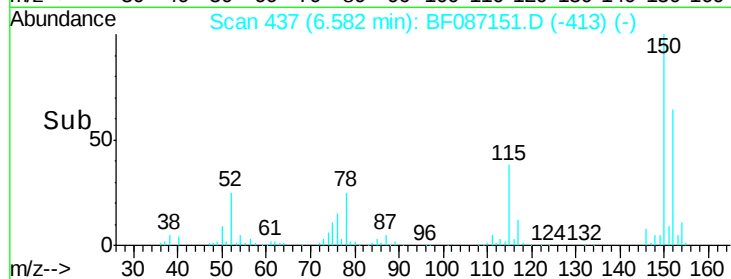
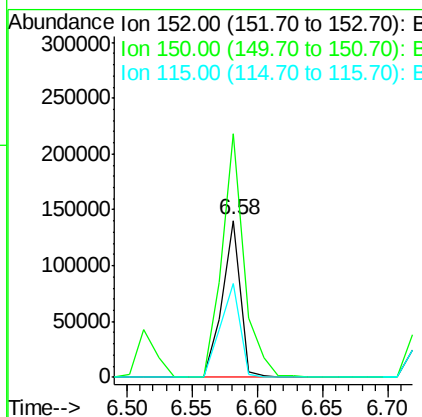
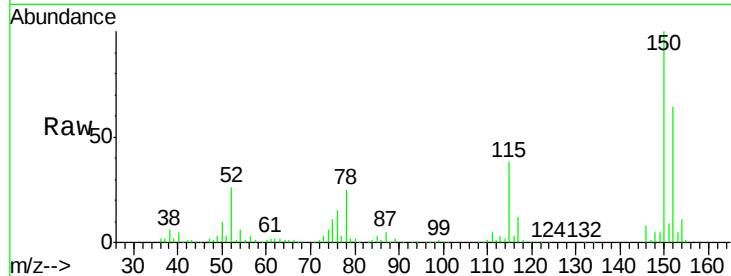


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

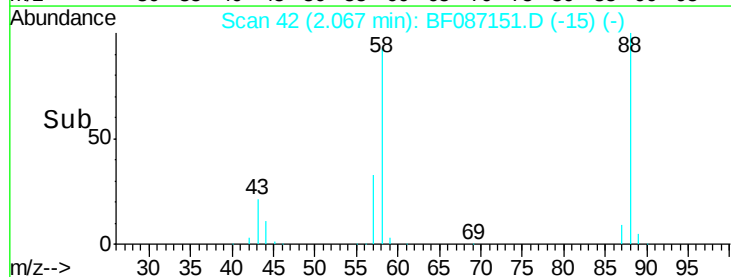
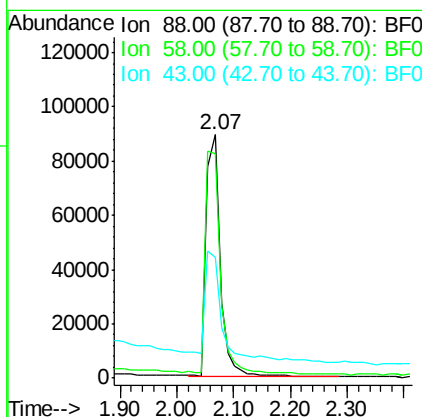
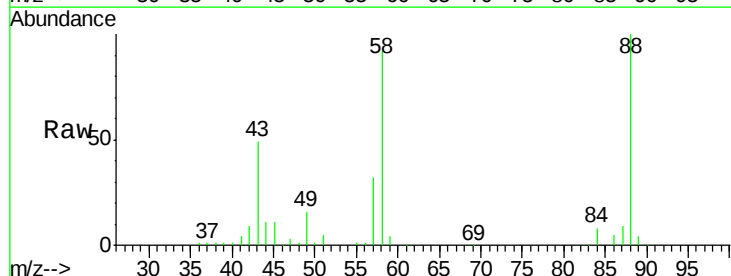
Tgt Ion:152 Resp: 137303
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 59.7 51.5 77.3

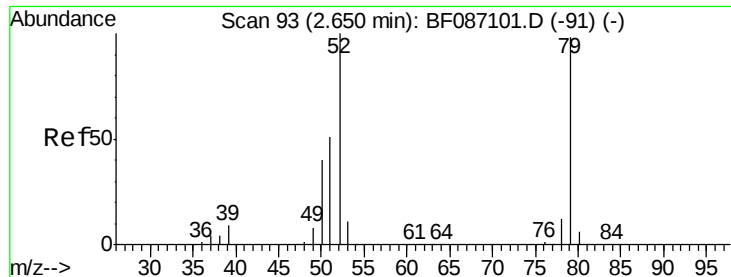


#2

1,4-Dioxane
Concen: 35.17 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion: 88 Resp: 147777
Ion Ratio Lower Upper
88 100
58 100.1 59.6 89.4#
43 58.1 21.8 32.6#





#3

Pyridine

Concen: 12.07 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

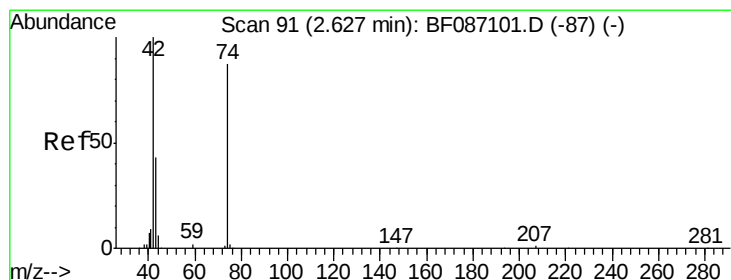
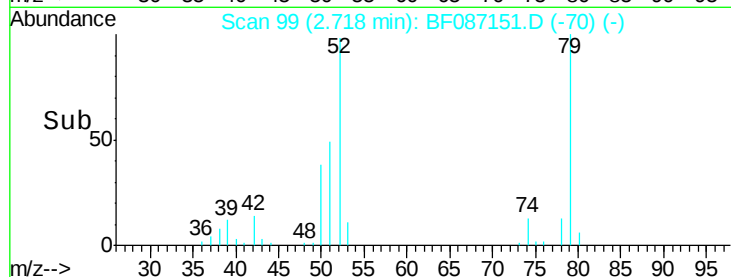
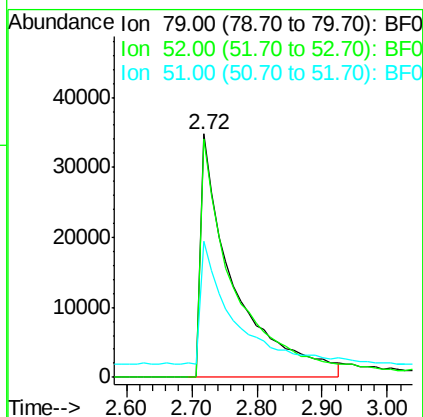
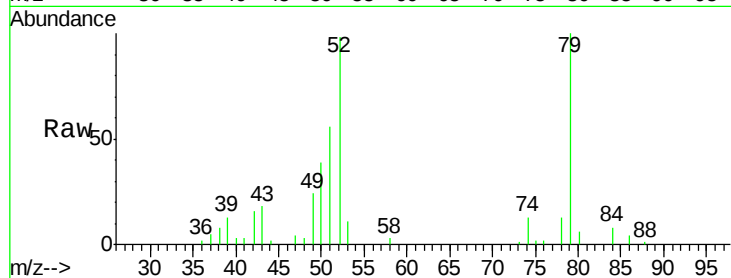
Tgt Ion: 79 Resp: 122653

Ion Ratio Lower Upper

79 100

52 98.0 55.9 83.9#

51 56.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 43.61 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

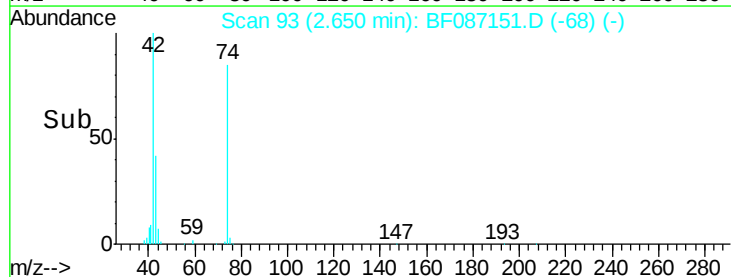
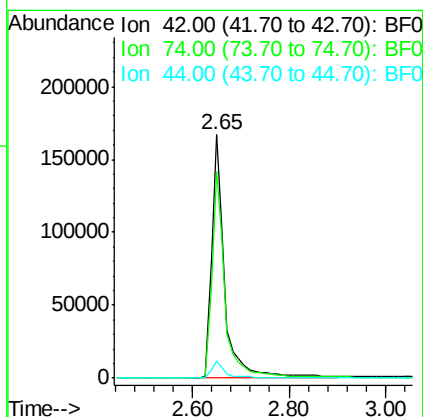
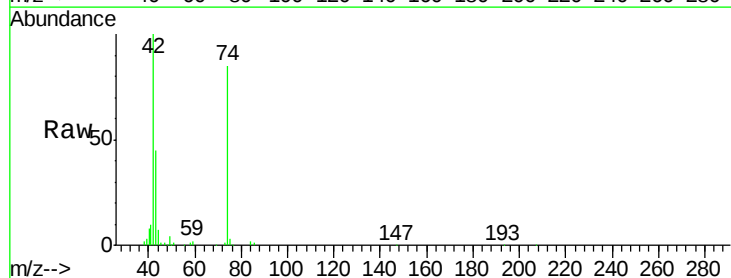
Tgt Ion: 42 Resp: 314146

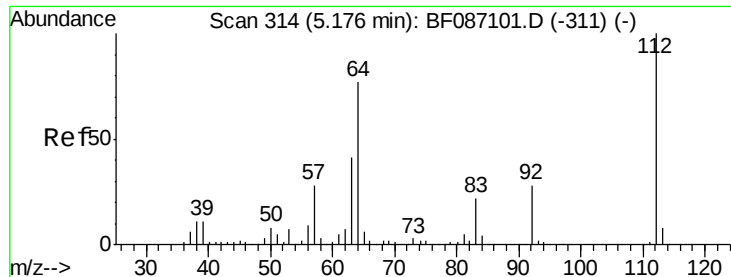
Ion Ratio Lower Upper

42 100

74 84.7 123.4 185.0#

44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 127.05 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

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BERKSHIRE-HOMESMS

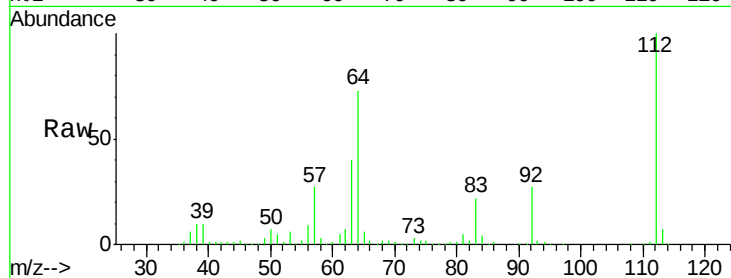
Tgt Ion: 112 Resp: 1037833

Ion Ratio Lower Upper

112 100

64 73.0 52.1 78.1

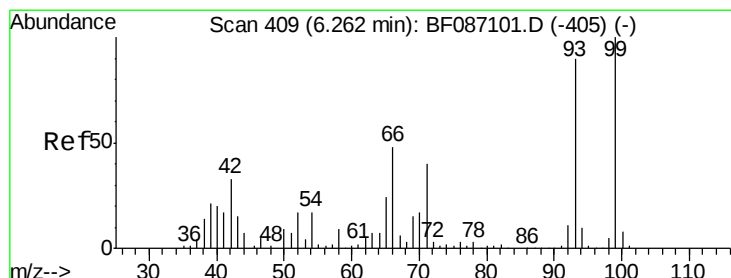
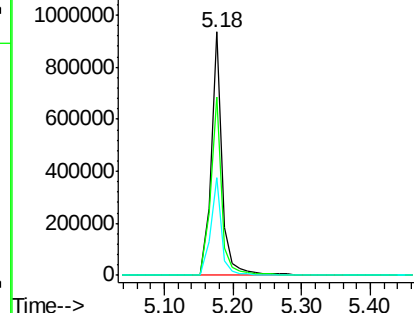
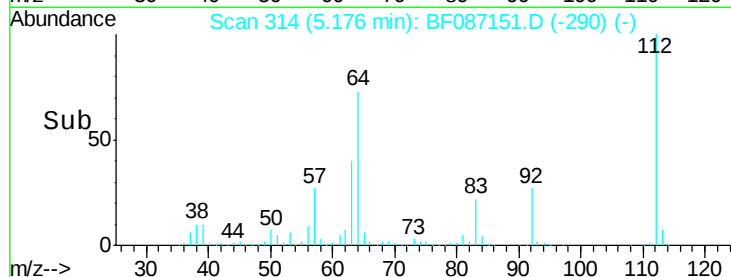
63 39.9 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

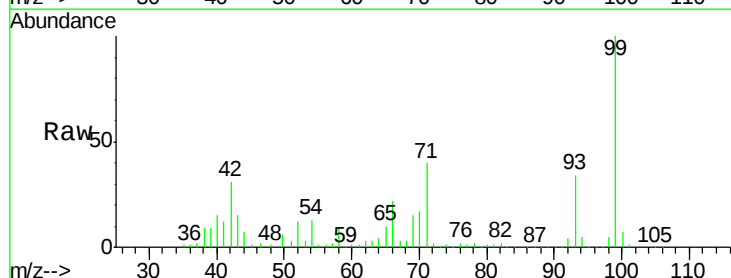
Tgt Ion: 93 Resp: 405131

Ion Ratio Lower Upper

93 100

66 63.2 39.0 58.6#

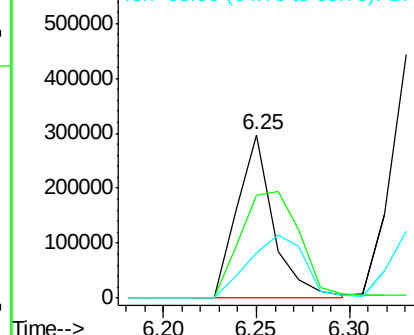
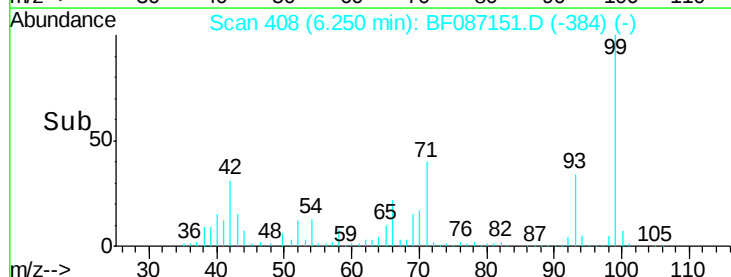
65 27.6 20.6 31.0

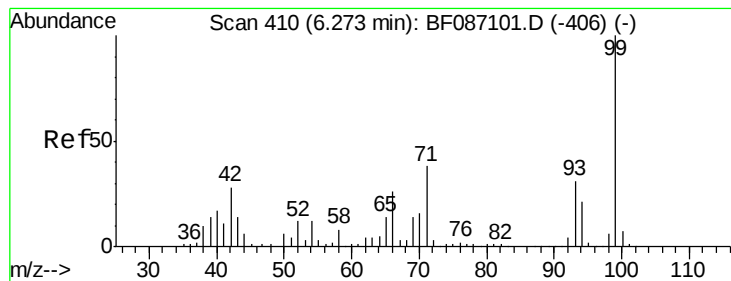


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.28 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

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BERKSHIRE-HOMESMS

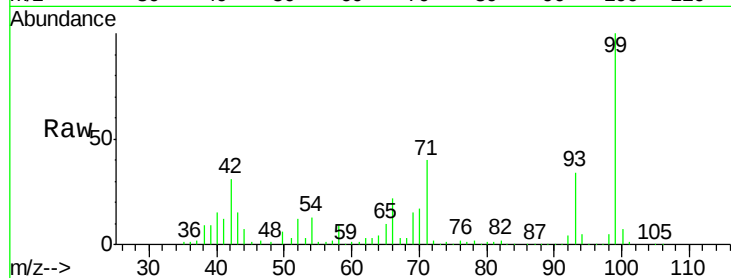
Tgt Ion: 99 Resp: 1405370

Ion Ratio Lower Upper

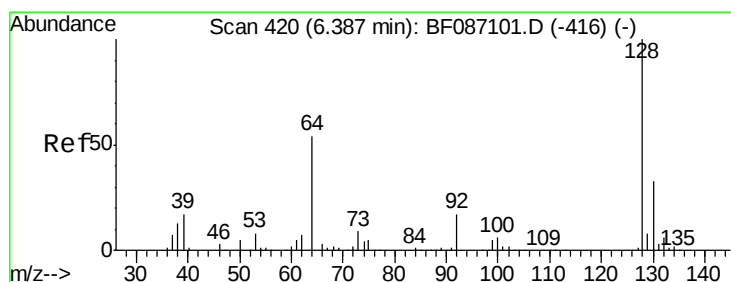
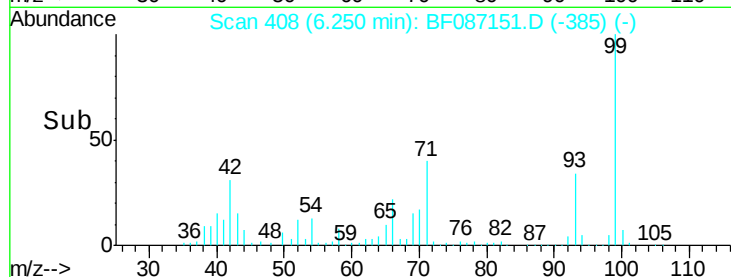
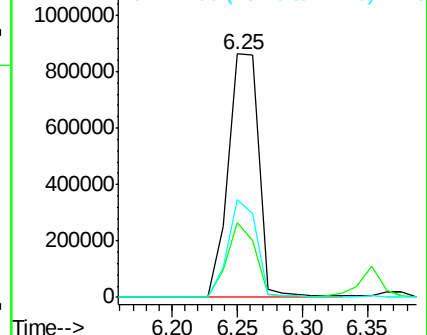
99 100

42 30.9 13.6 20.4#

71 39.9 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: 42.31 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

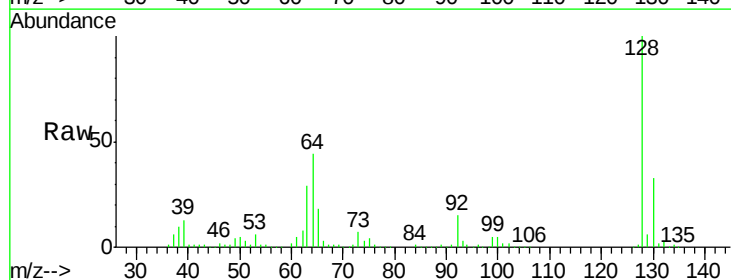
Tgt Ion: 128 Resp: 420509

Ion Ratio Lower Upper

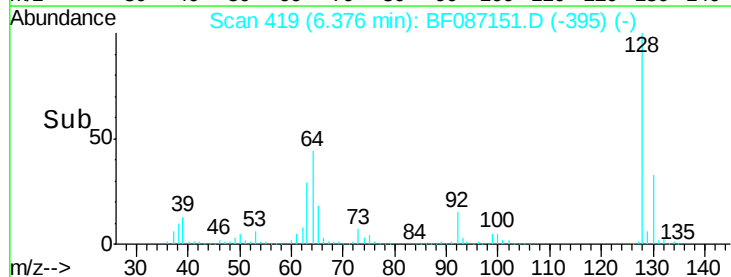
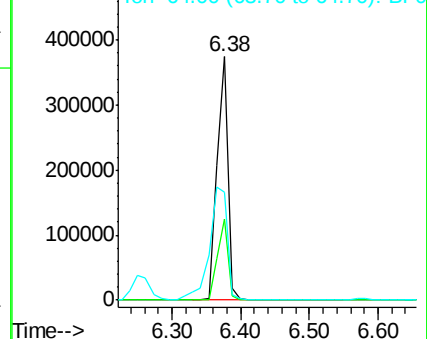
128 100

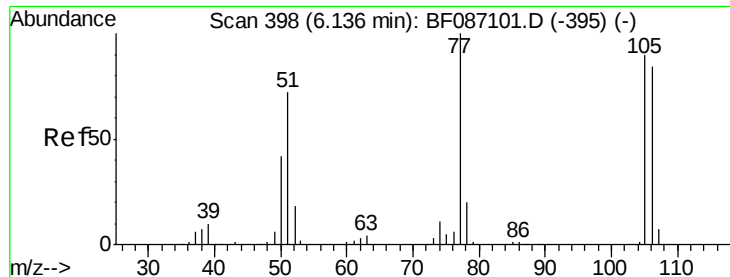
130 33.4 12.5 52.5

64 44.5 27.3 67.3



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





#9

Benzaldehyde

Concen: 19.17 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

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ClientSampleId :

BERKSHIRE-HOMESMS

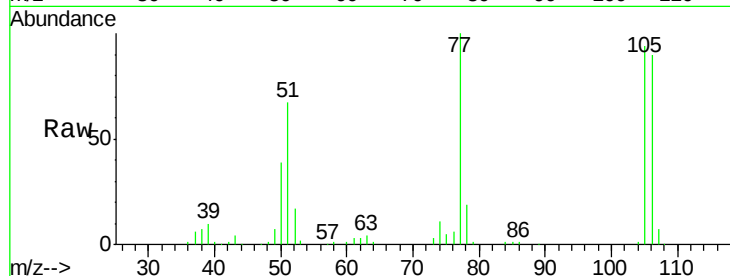
Tgt Ion: 77 Resp: 131285

Ion Ratio Lower Upper

77 100

105 94.4 72.7 112.7

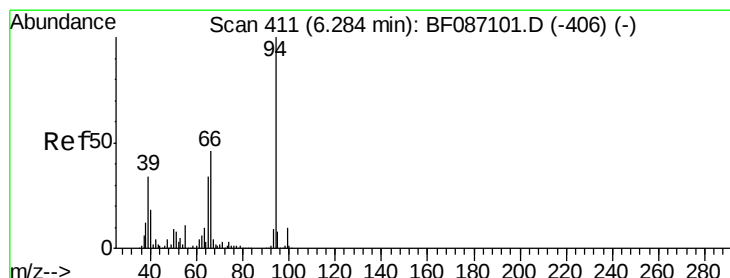
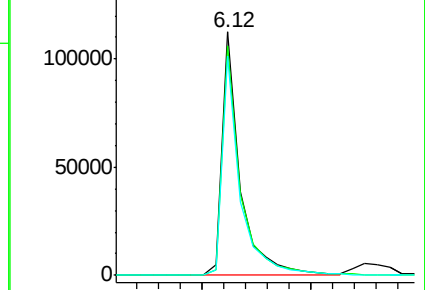
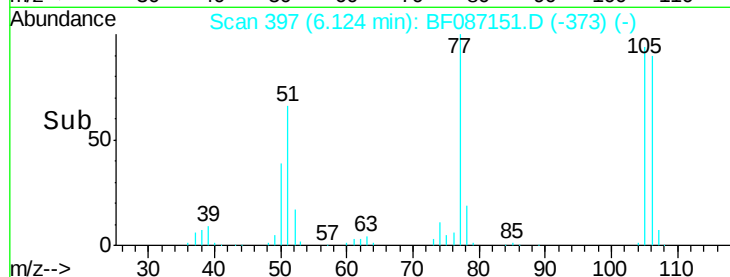
106 90.0 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.65 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

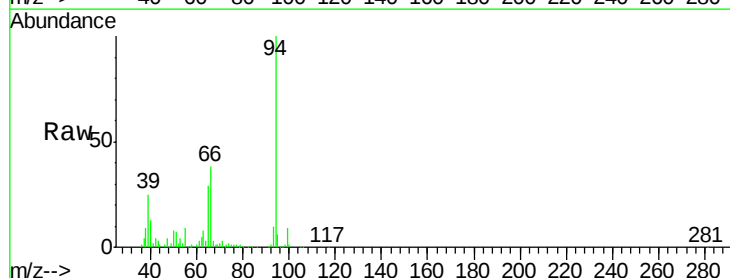
Tgt Ion: 94 Resp: 463434

Ion Ratio Lower Upper

94 100

65 28.8 7.2 47.2

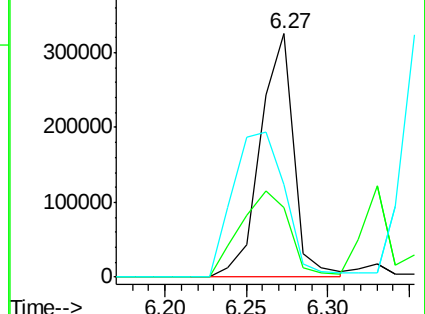
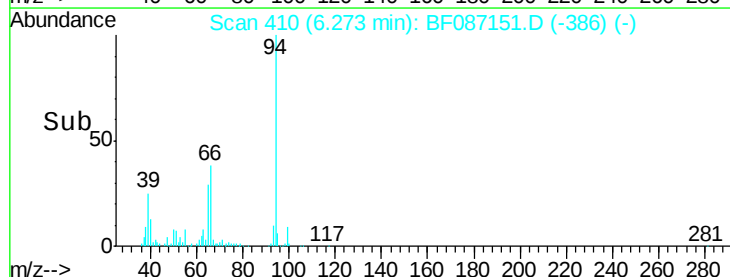
66 38.0 14.9 54.9

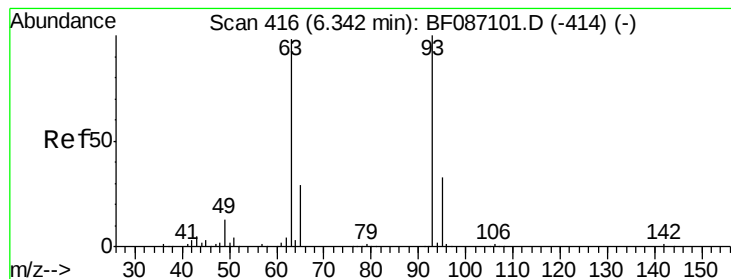


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.14 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

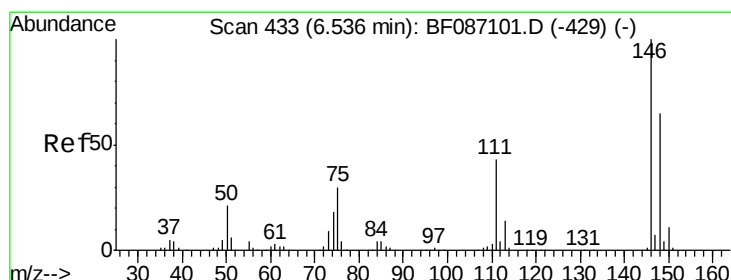
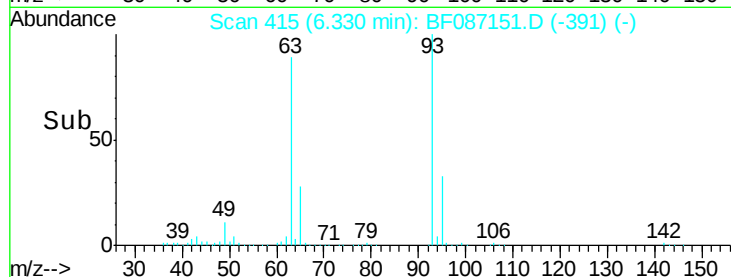
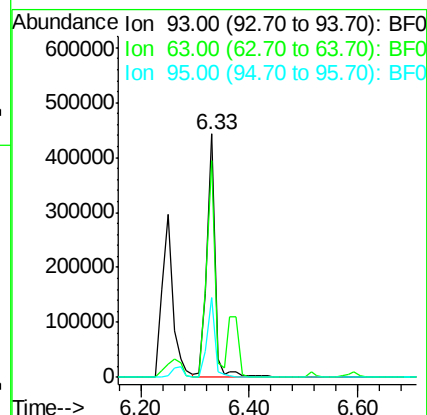
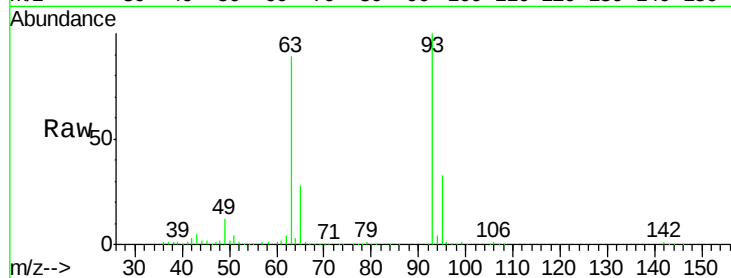
Tgt Ion: 93 Resp: 466822

Ion Ratio Lower Upper

93 100

63 89.3 58.0 98.0

95 32.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 36.63 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.21 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

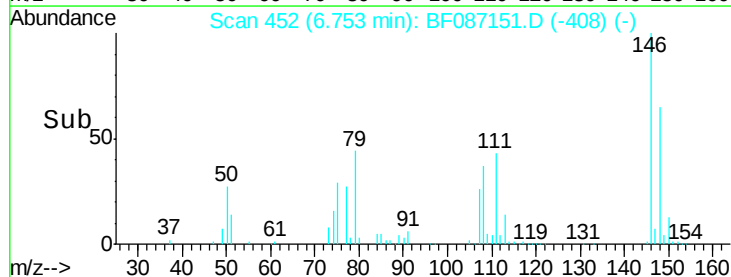
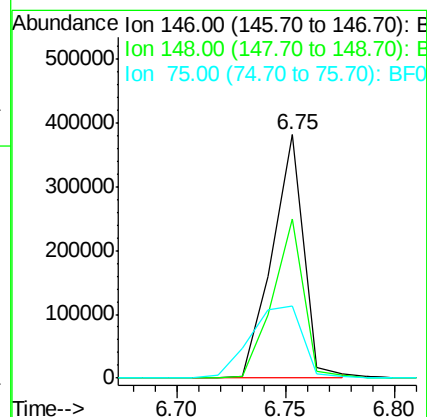
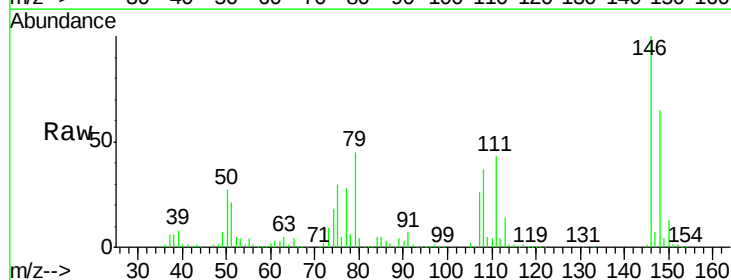
Tgt Ion: 146 Resp: 386946

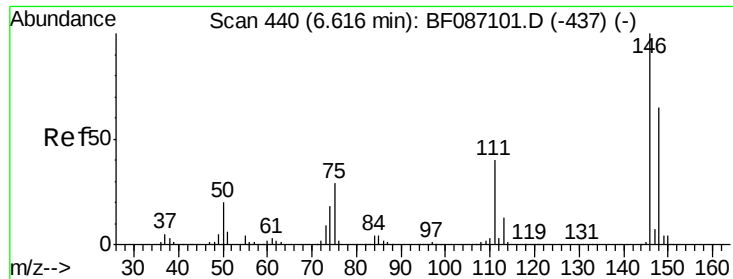
Ion Ratio Lower Upper

146 100

148 65.4 52.4 78.6

75 29.9 22.8 34.2

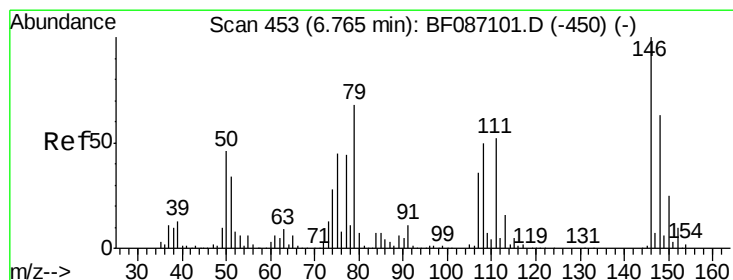
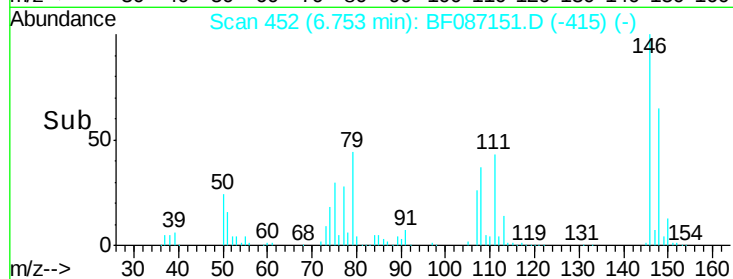
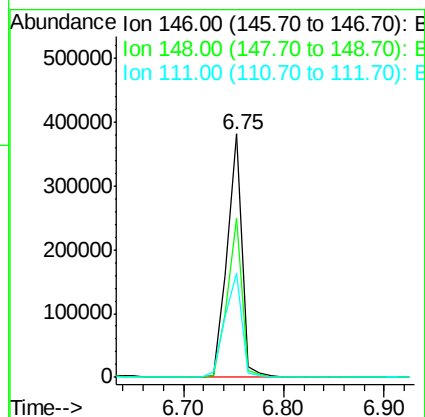
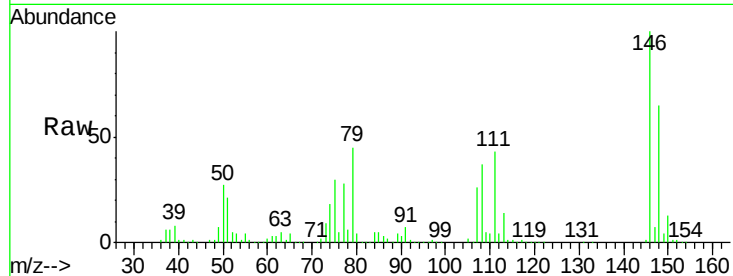




#13
 1,4-Dichlorobenzene
 Concen: 36.05 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.13 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

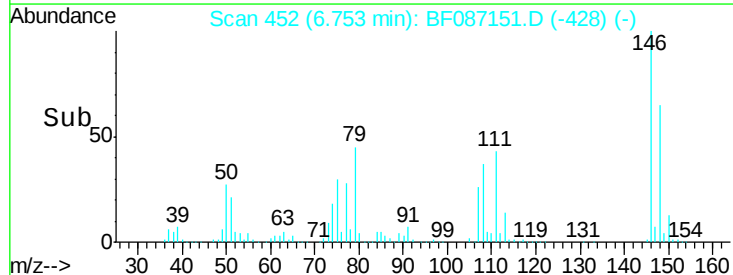
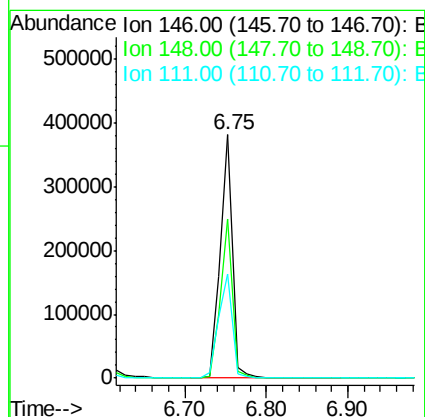
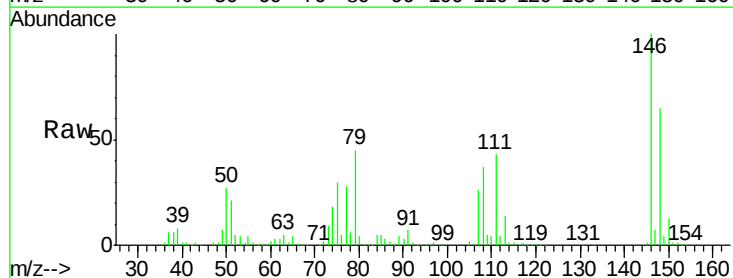
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

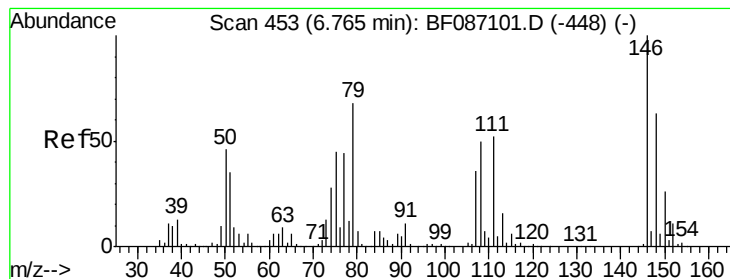
Tgt Ion:146 Resp: 389699
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.4
 111 42.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 41.56 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:146 Resp: 393305
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 42.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 46.66 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

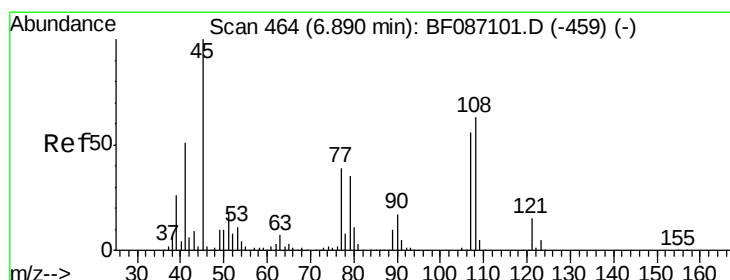
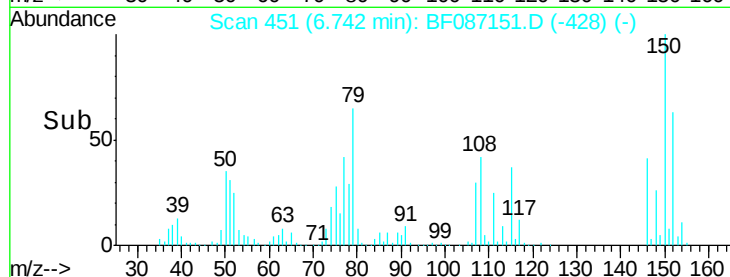
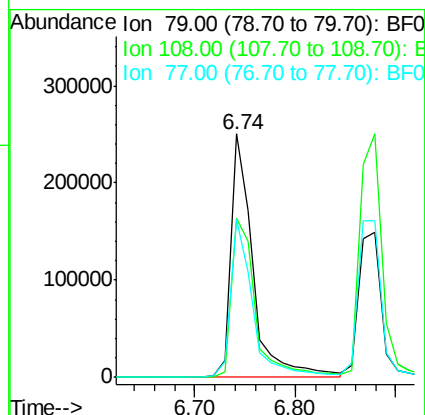
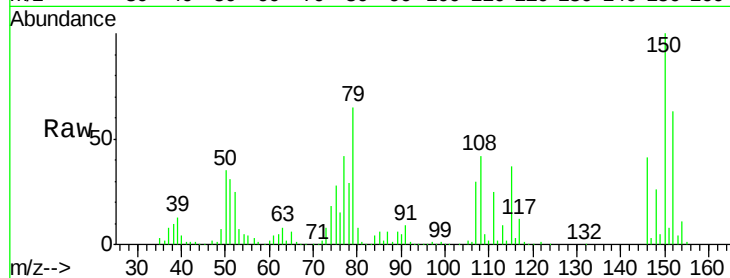
Tgt Ion: 79 Resp: 380540

Ion Ratio Lower Upper

79 100

108 65.3 68.4 102.6#

77 64.9 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.75 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

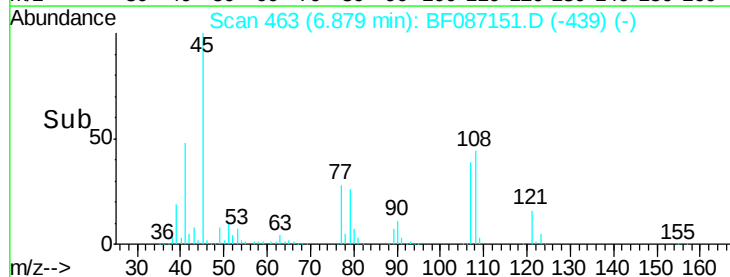
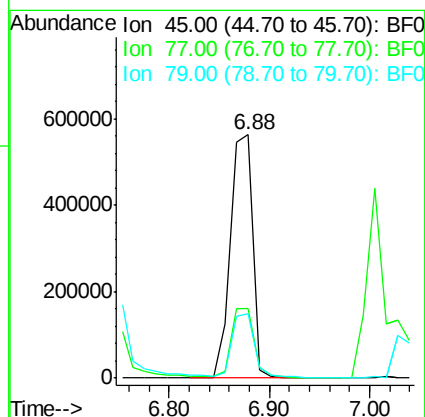
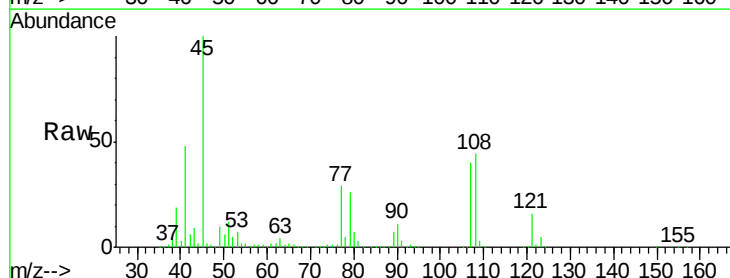
Tgt Ion: 45 Resp: 866423

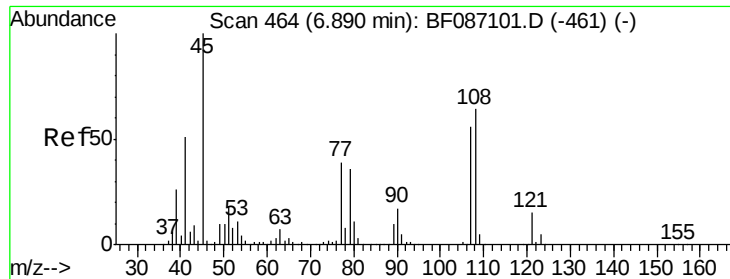
Ion Ratio Lower Upper

45 100

77 28.5 0.0 36.4

79 26.4 0.0 33.4

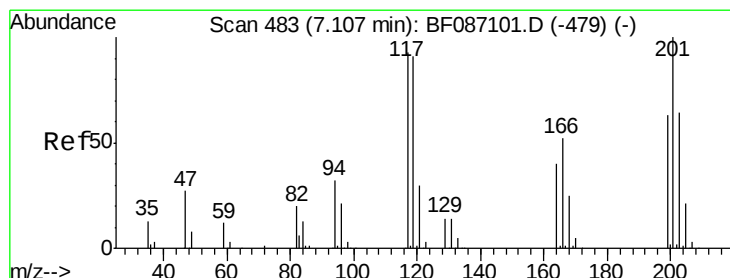
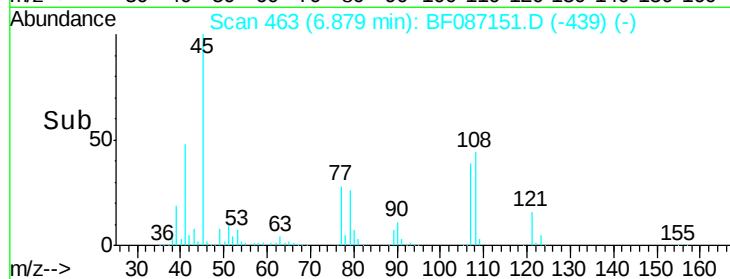
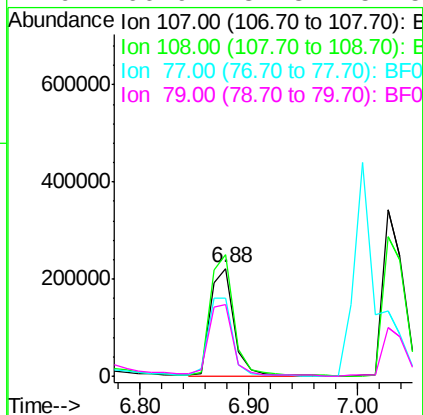
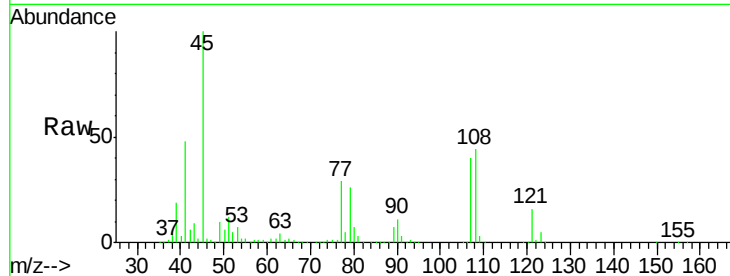




#17
2-Methylphenol
Concen: 41.22 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

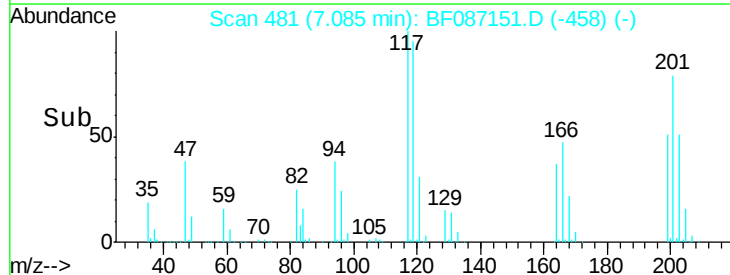
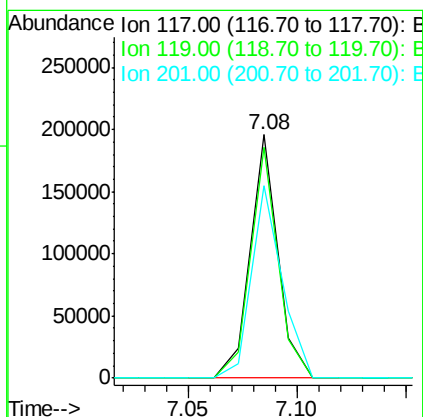
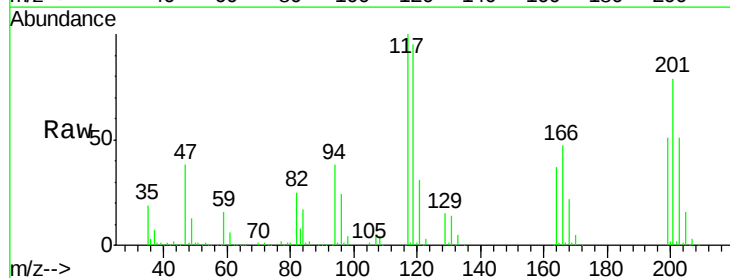
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

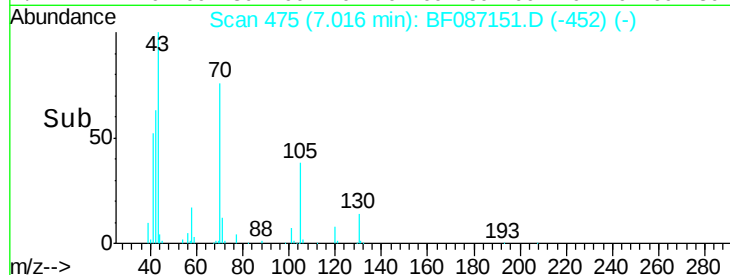
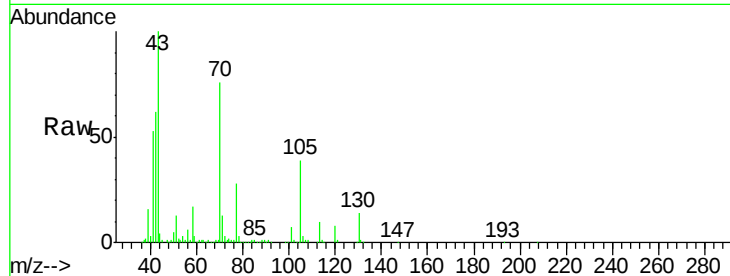
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.7	140.5
77	72.2	33.4	50.0#
79	66.9	34.3	51.5#



#18
Hexachloroethane
Concen: 41.71 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.5	114.7
201	79.1	63.0	94.6

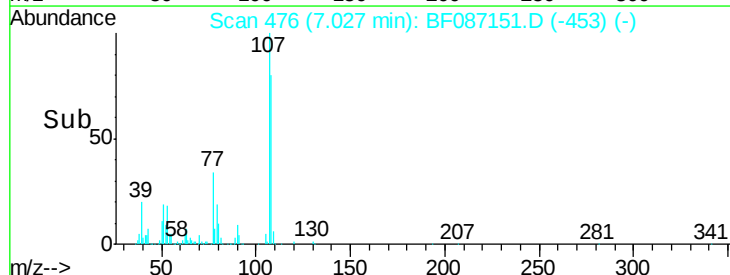
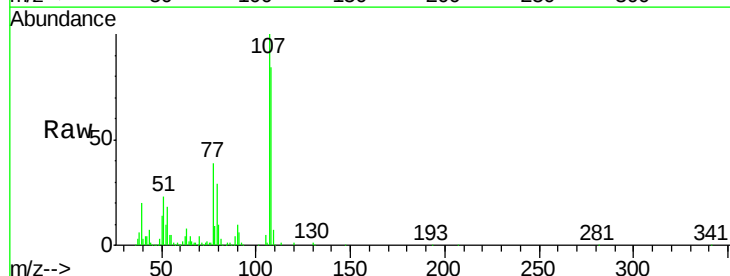
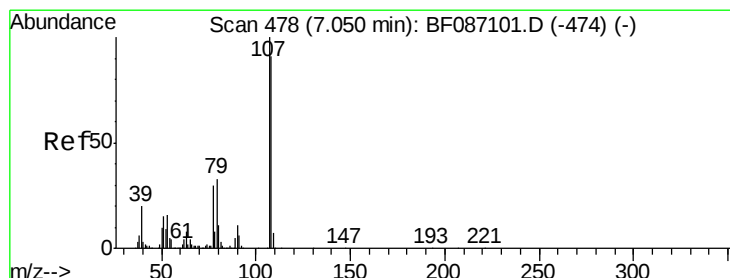
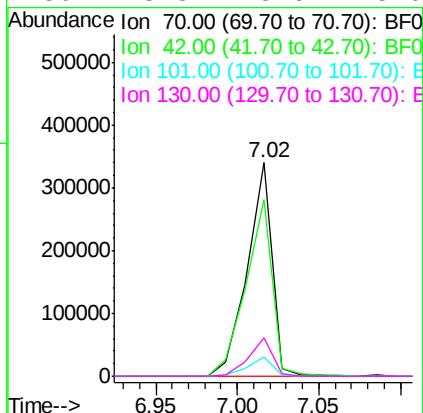




#19
n-Nitroso-di-n-propylamine
Concen: 43.21 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

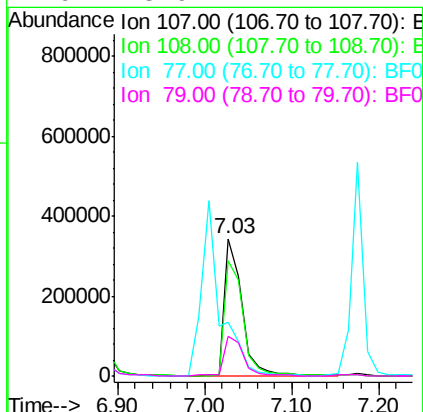
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

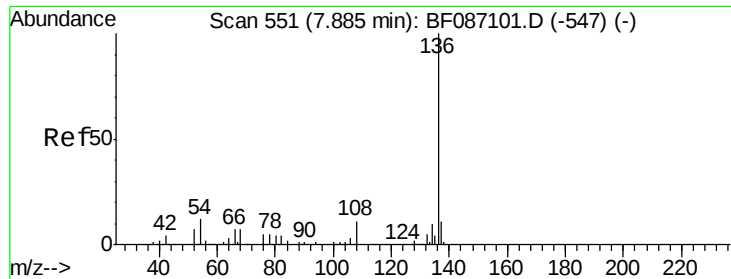
Tgt Ion	Ratio	Lower	Upper
70	100		
42	82.5	43.1	64.7#
101	8.9	8.1	12.1
130	18.3	18.6	28.0#



#20
3+4-Methylphenols
Concen: 44.53 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	68.5	108.5
77	39.5	101.6	141.6#
79	28.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tgt Ion:136 Resp: 561088

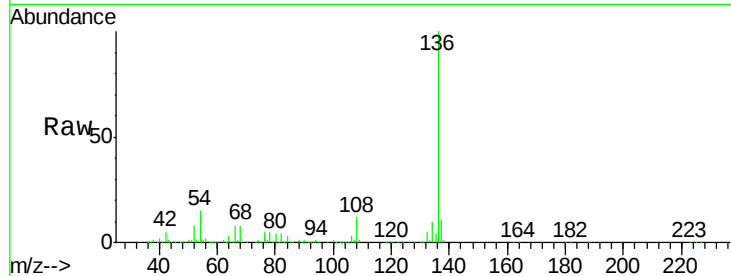
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.7 5.0 7.4#

68 7.6 4.4 6.6#

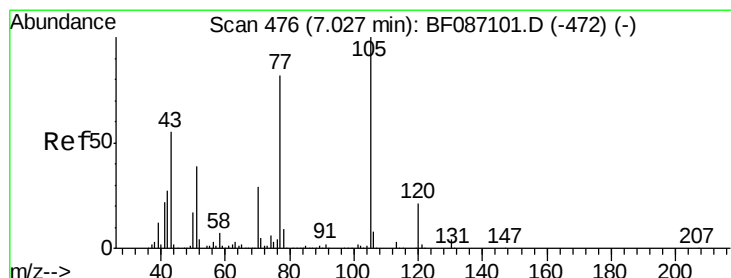
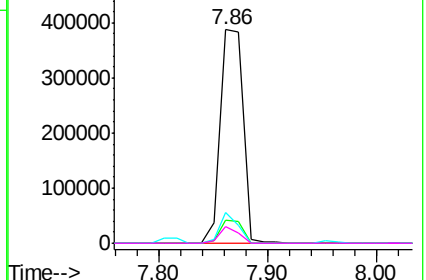
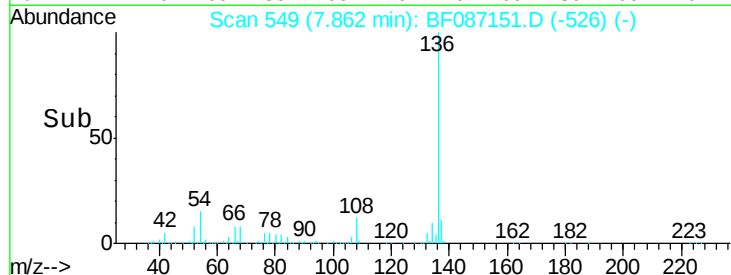


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.87 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:105 Resp: 616163

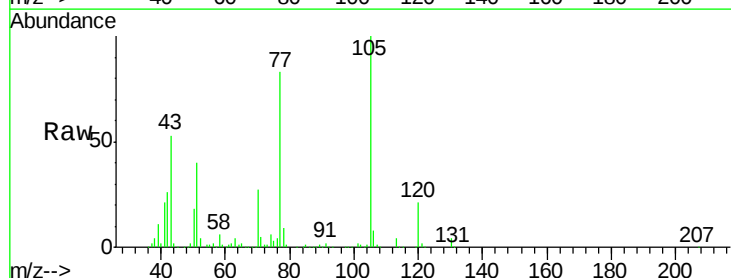
Ion Ratio Lower Upper

105 100

71 4.7 4.8 7.2#

51 40.3 32.6 49.0

120 20.8 16.5 24.7

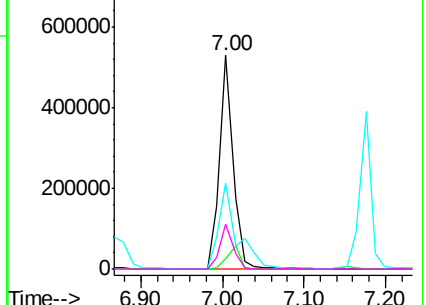
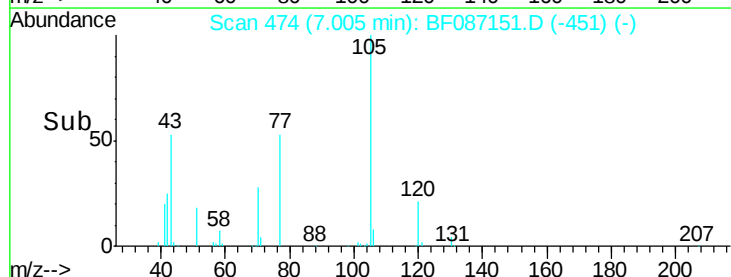


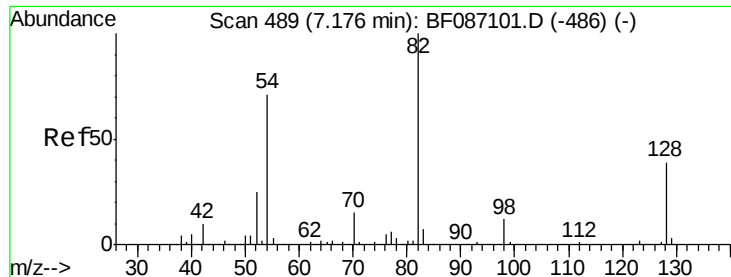
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

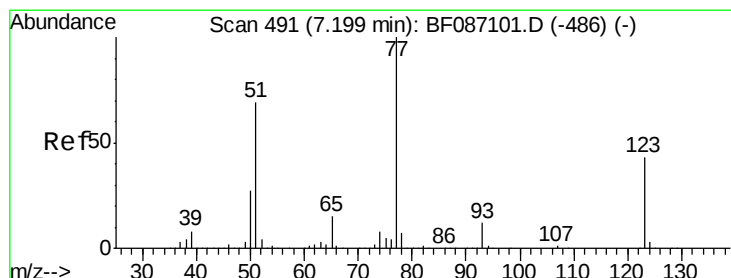
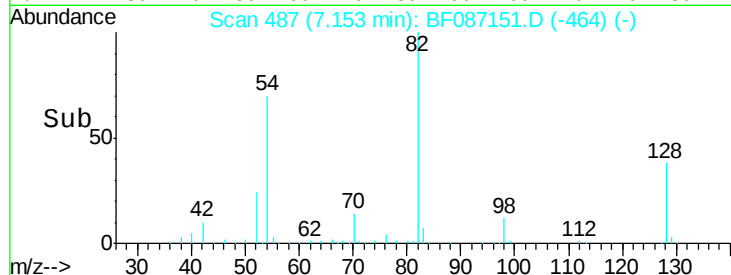
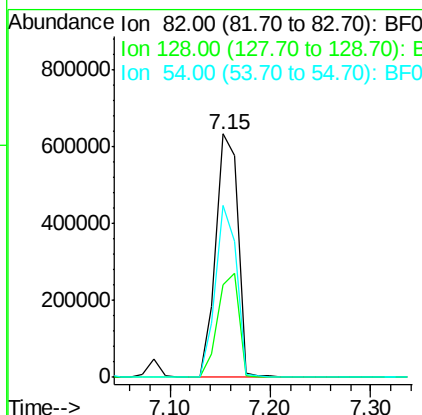
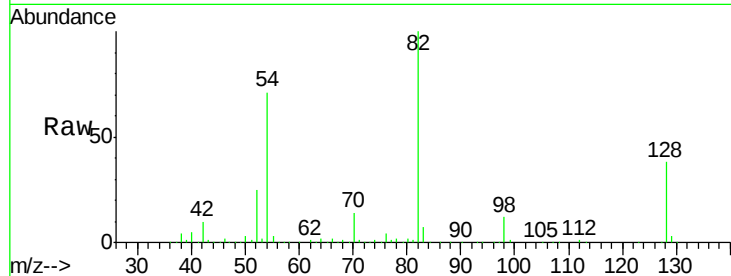




#23
 Nitrobenzene-d5
 Concen: 86.78 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

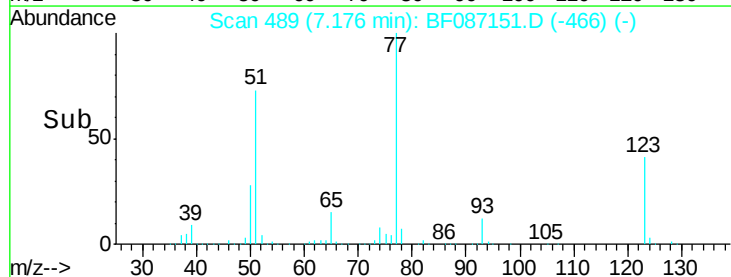
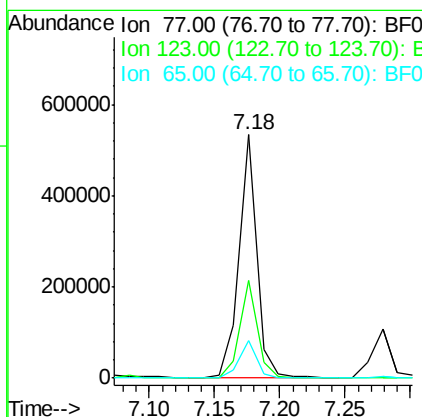
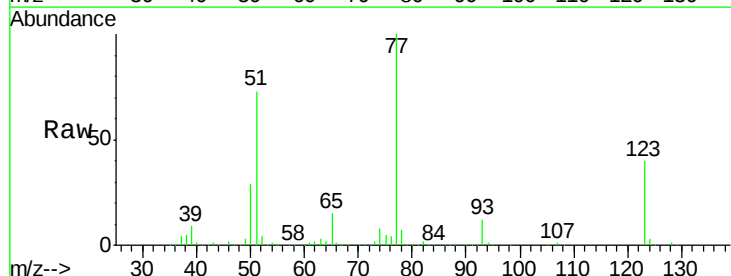
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

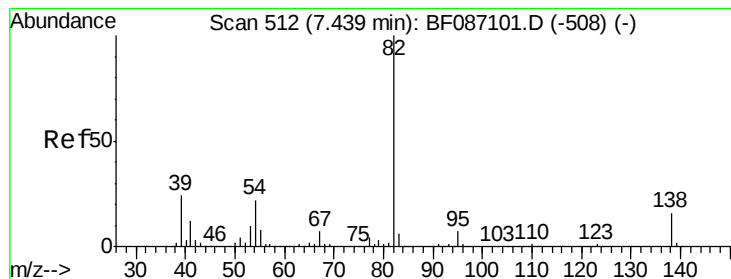
Tgt Ion: 82 Resp: 976950
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 70.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.44 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion: 77 Resp: 497088
 Ion Ratio Lower Upper
 77 100
 123 40.2 33.0 49.4
 65 15.3 10.8 16.2





#25

Isophorone

Concen: 42.55 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

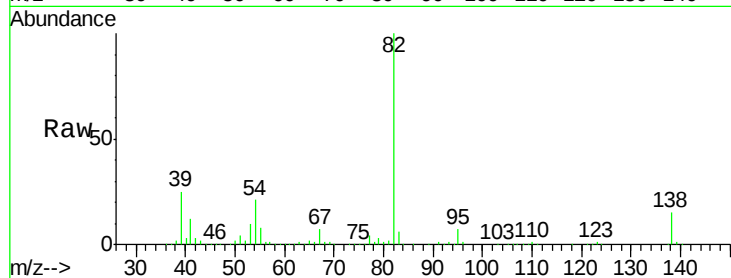
Tgt Ion: 82 Resp: 876985

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

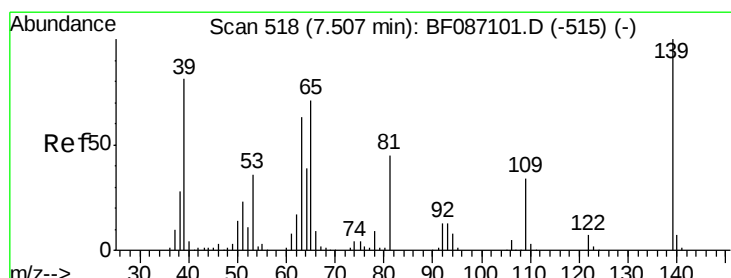
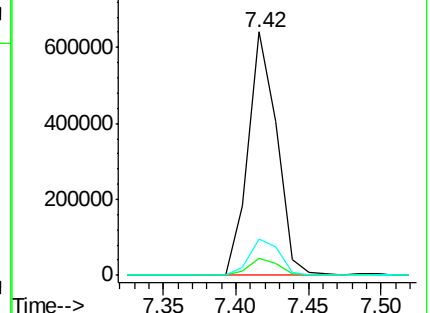
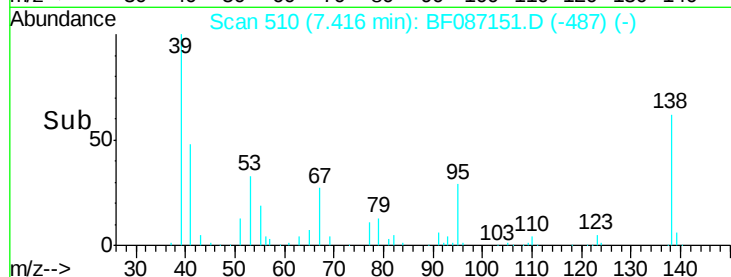
138 14.9 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.33 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

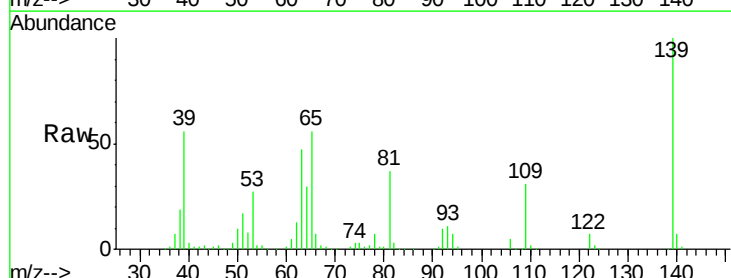
Tgt Ion: 139 Resp: 241016

Ion Ratio Lower Upper

139 100

109 30.8 19.5 29.3#

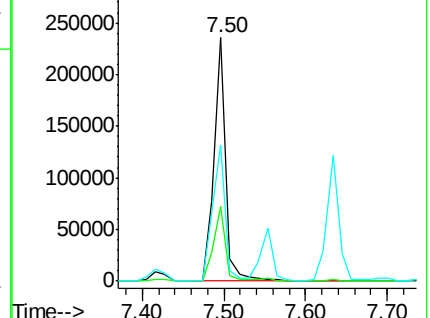
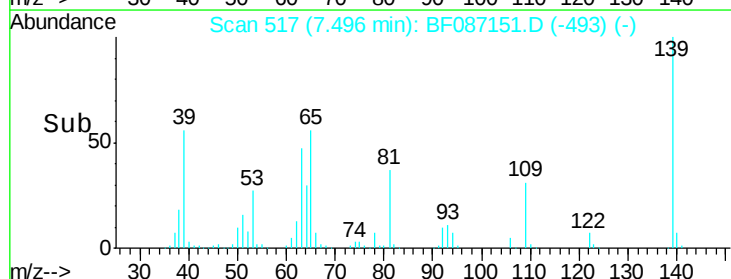
65 56.0 37.5 56.3

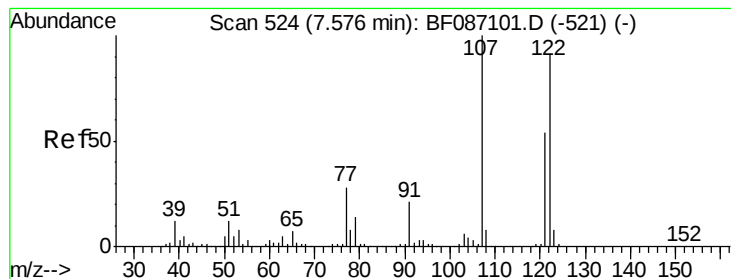


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.70 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

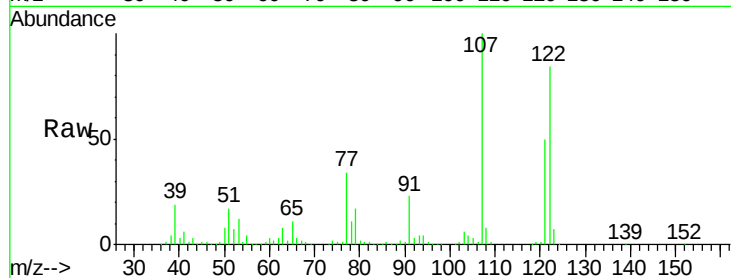
Tgt Ion:122 Resp: 388462

Ion Ratio Lower Upper

122 100

107 119.2 82.0 123.0

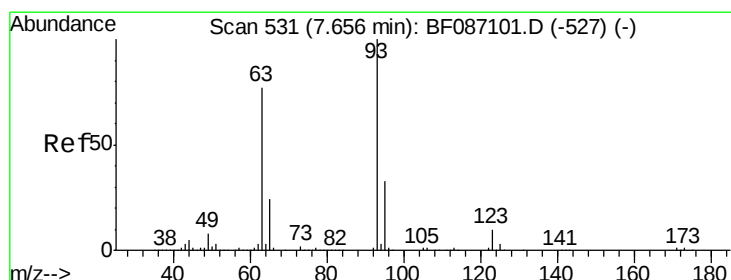
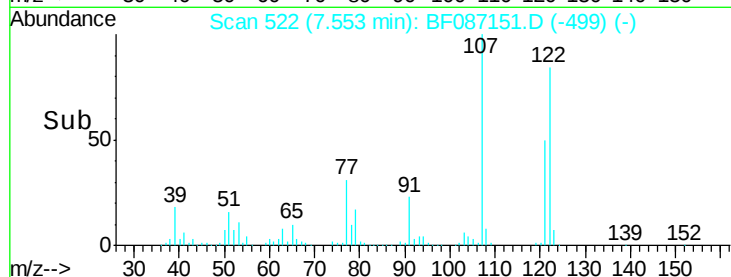
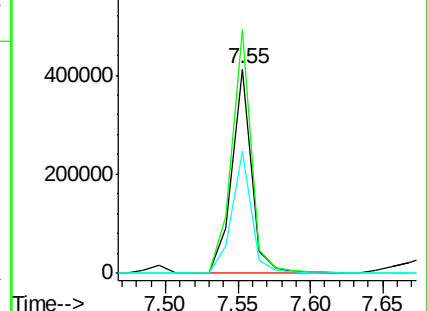
121 59.6 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.59 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

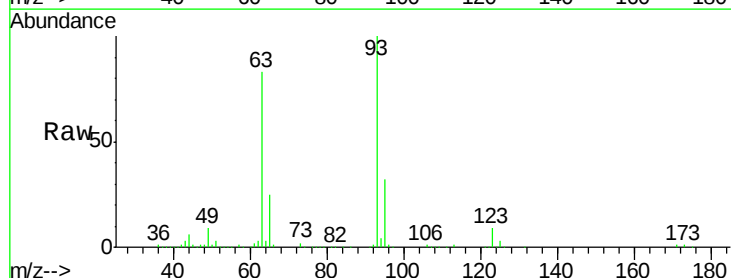
Tgt Ion: 93 Resp: 515790

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

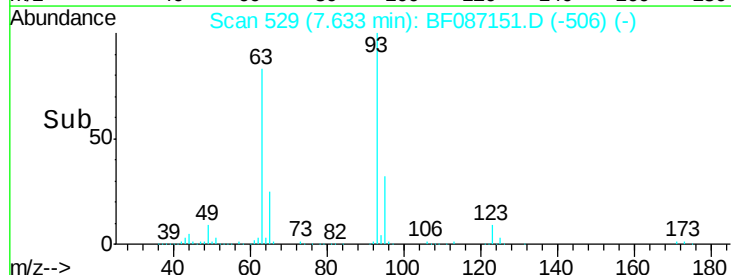
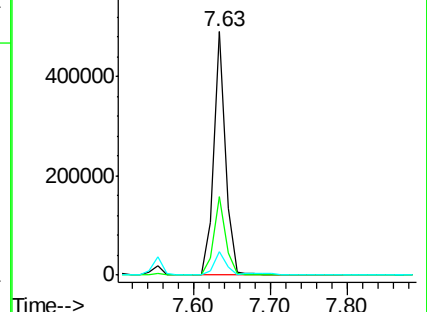
123 9.5 9.5 14.3#

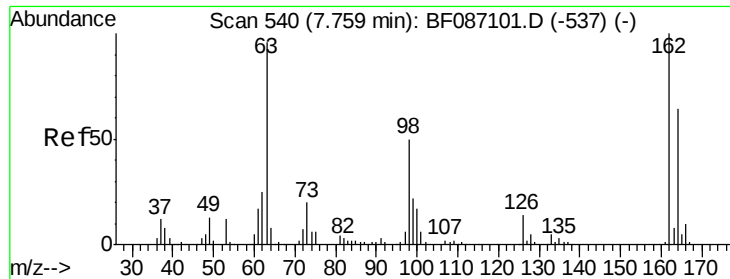


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

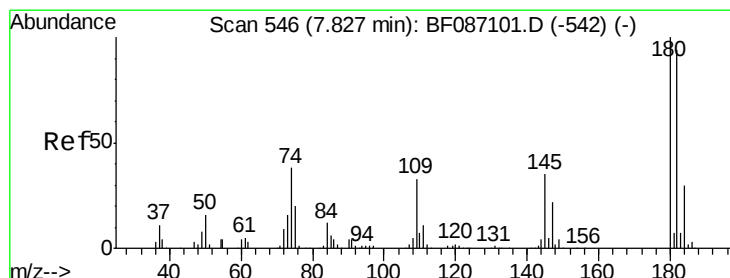
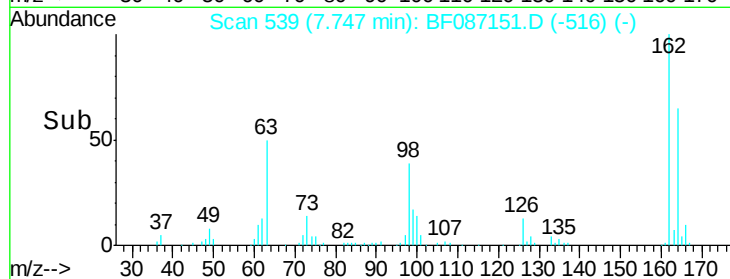
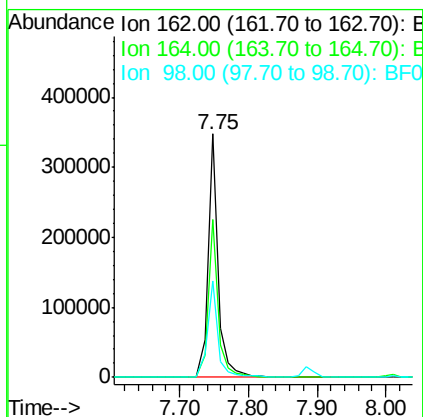
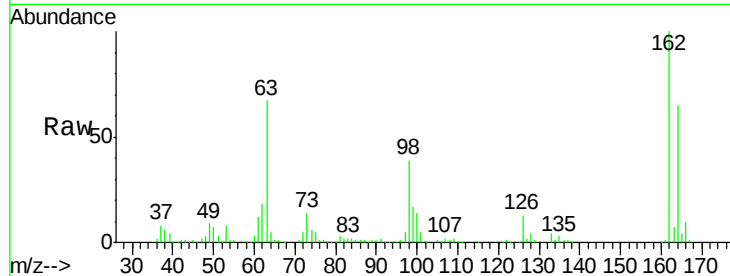




#29
 2,4-Dichlorophenol
 Concen: 46.43 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

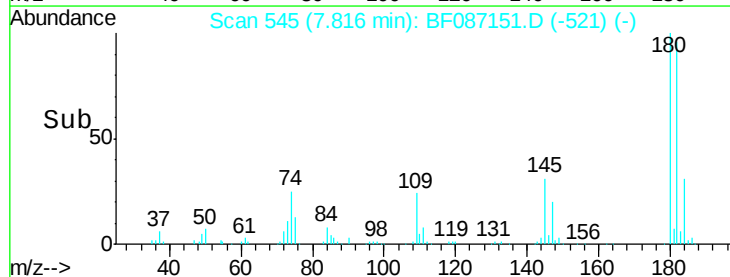
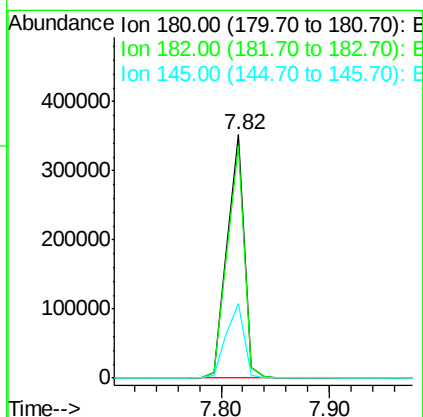
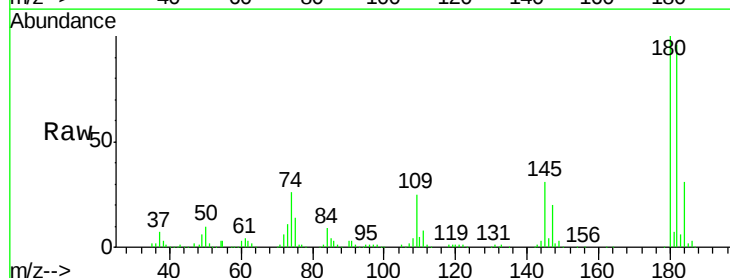
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

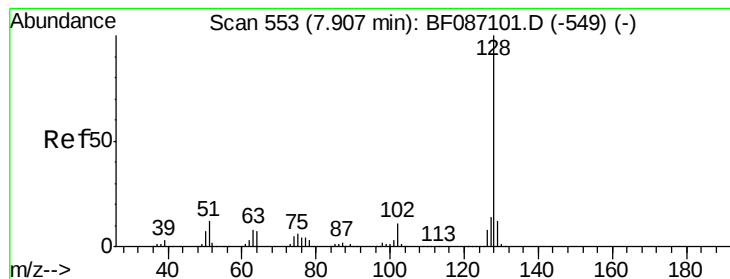
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.2	82.2
98	39.4	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.81 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.0	117.0
145	30.8	24.2	36.2





#31

Naphthalene

Concen: 43.15 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

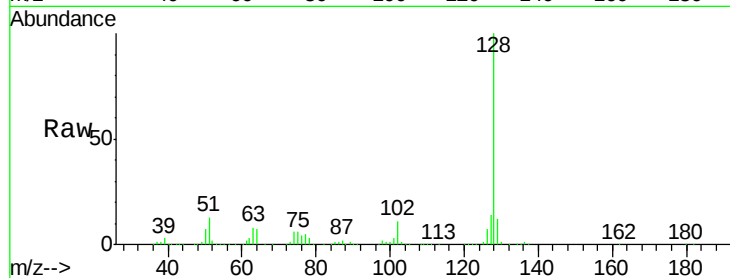
Tgt Ion:128 Resp: 1182963

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

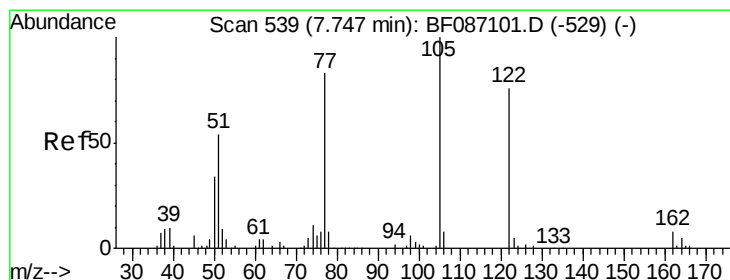
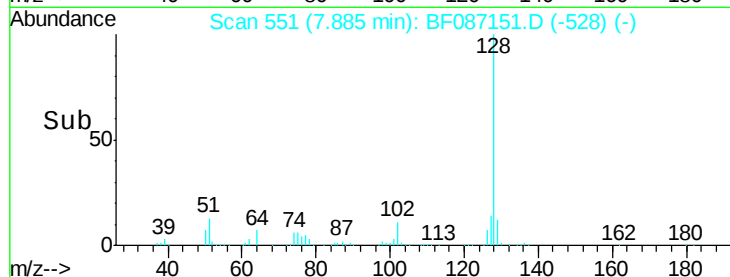
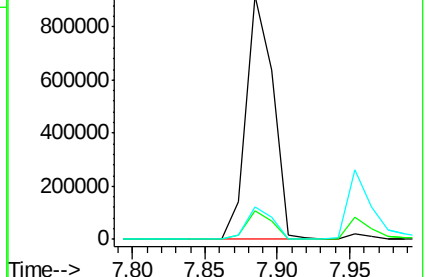
127 13.6 10.8 16.2



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: 25.08 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

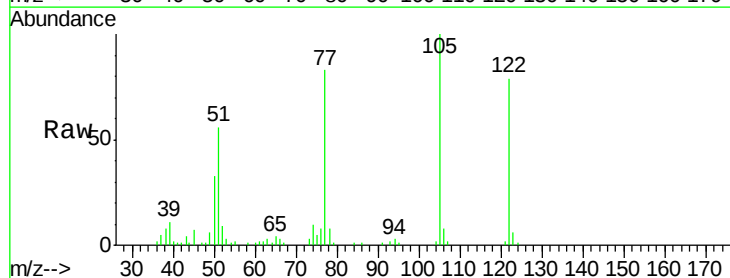
Tgt Ion:122 Resp: 129894

Ion Ratio Lower Upper

122 100

105 126.6 92.6 132.6

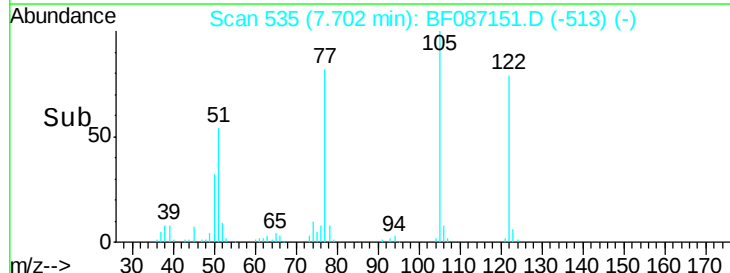
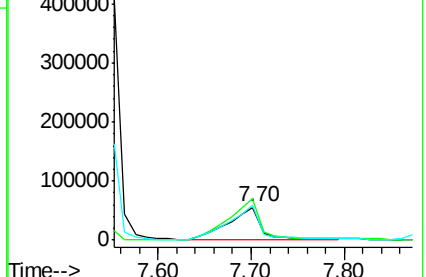
77 105.7 60.0 100.0#

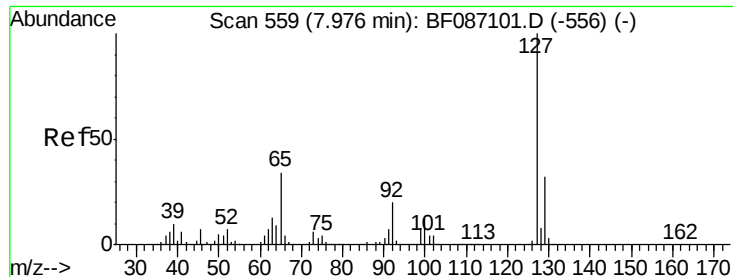


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

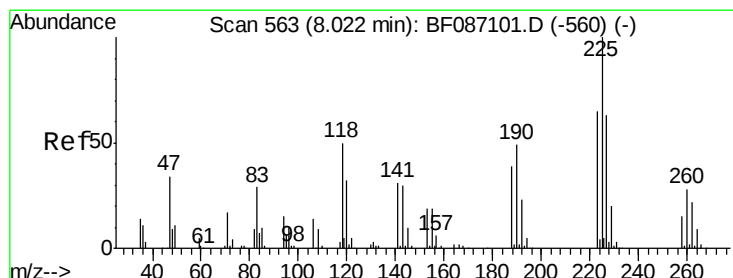
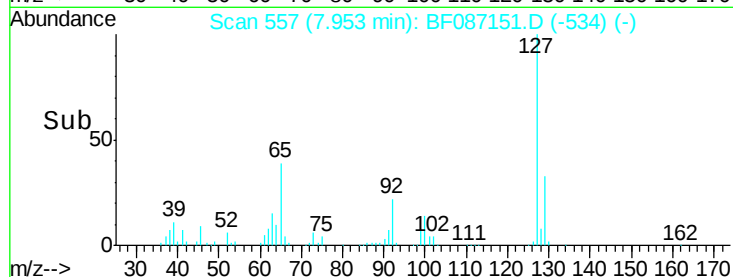
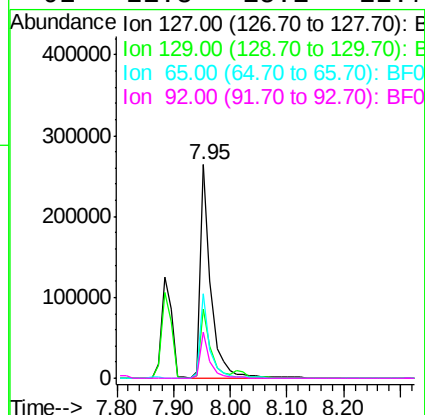
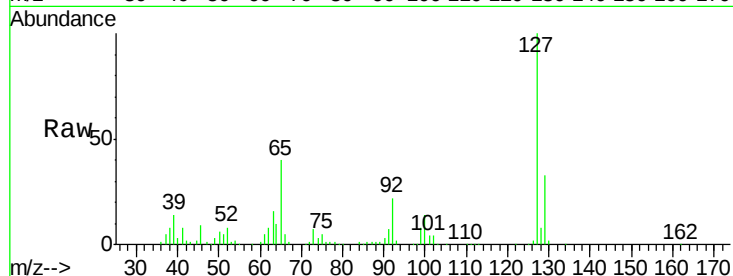




#33
4-Chloroaniline
Concen: 29.04 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

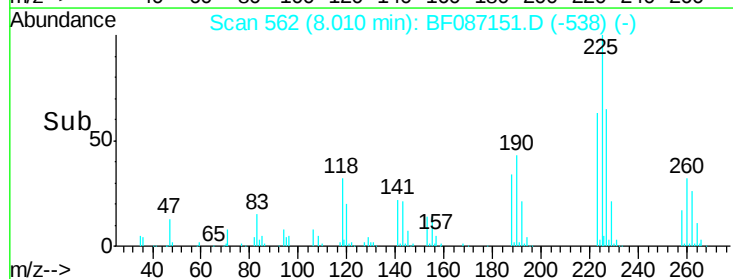
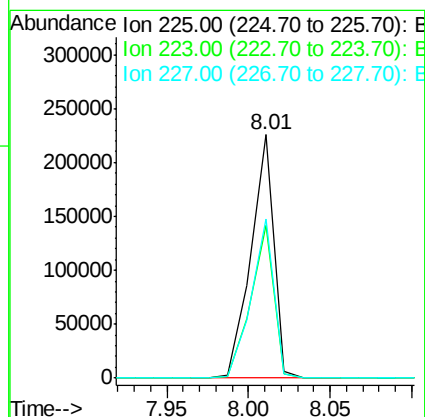
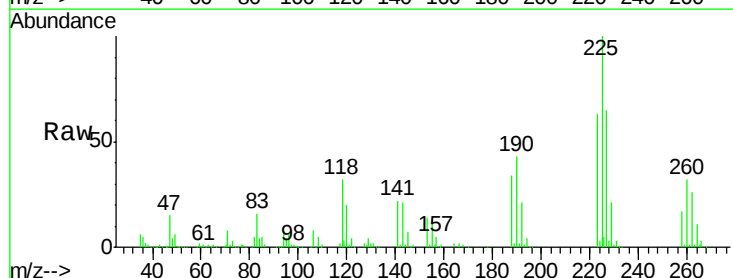
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

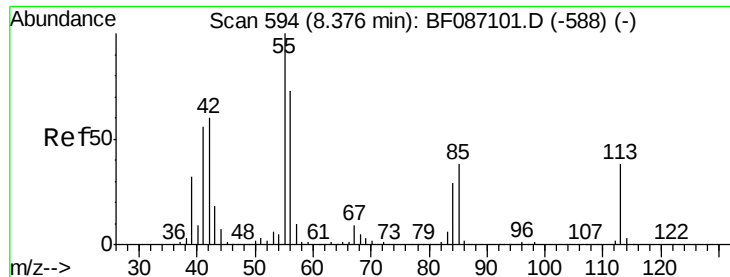
Tgt Ion:	127	Resp:	330898
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	39.8	23.0	34.4
92	21.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 45.74 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:	225	Resp:	220578
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.5	77.3
227	65.4	52.2	78.2

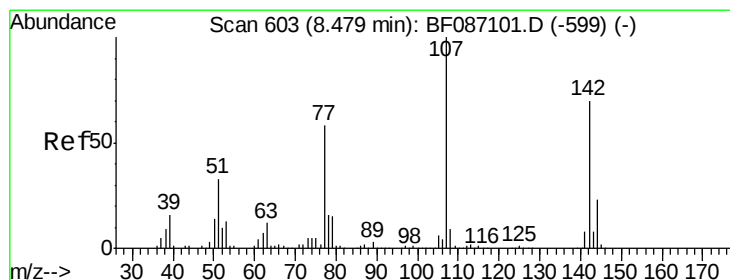
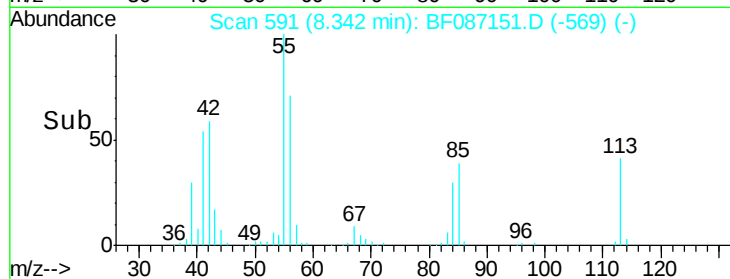
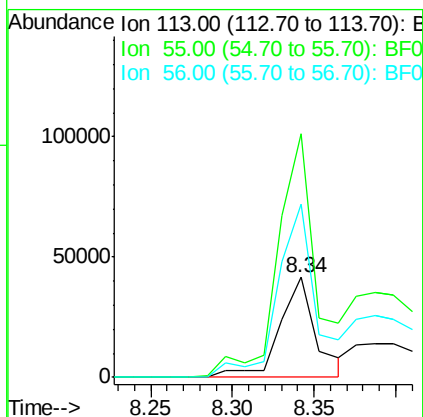
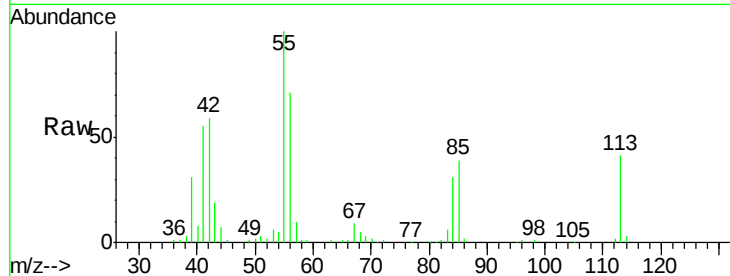




#35
 Caprolactam
 Concen: 25.09 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

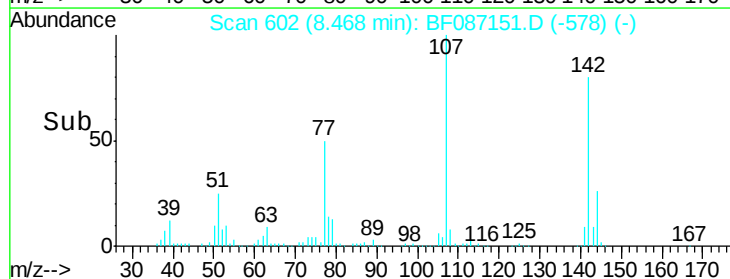
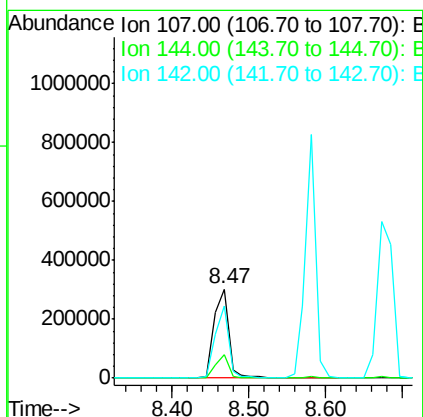
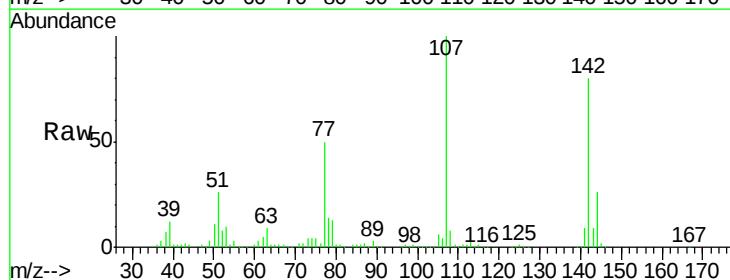
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

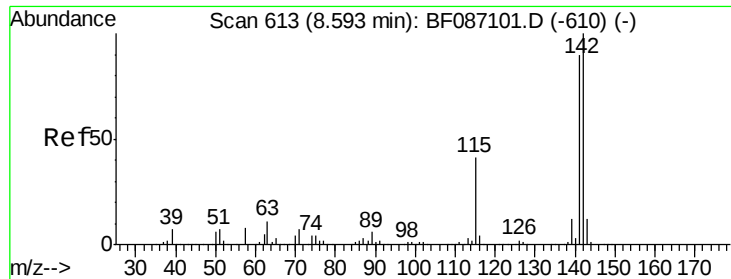
Tgt Ion:113 Resp: 63967
 Ion Ratio Lower Upper
 113 100
 55 243.9 162.0 202.0#
 56 174.0 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 44.08 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:107 Resp: 407201
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.7 31.1
 142 80.4 63.2 94.8

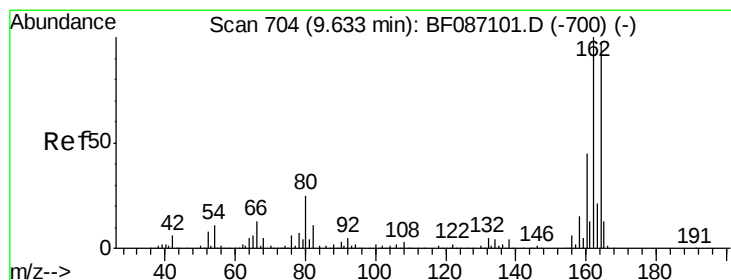
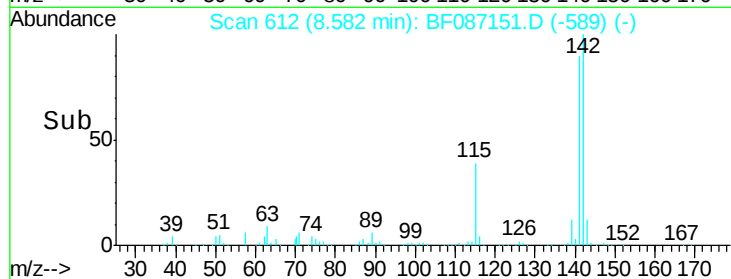
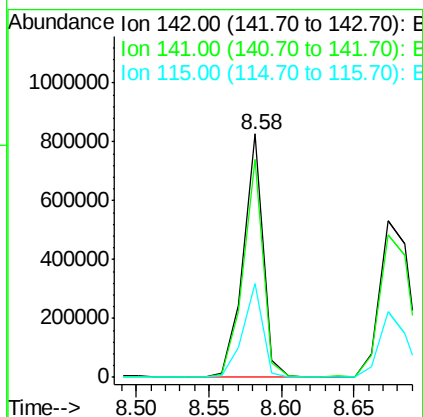
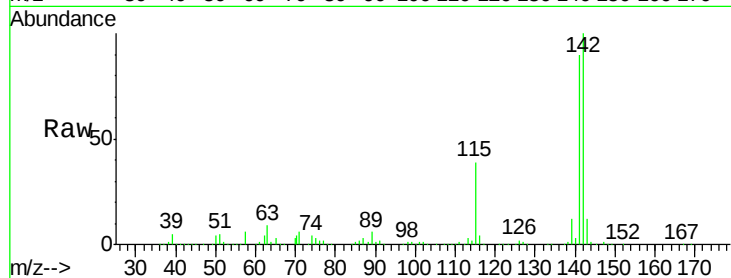




#37
 2-Methylnaphthalene
 Concen: 44.94 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

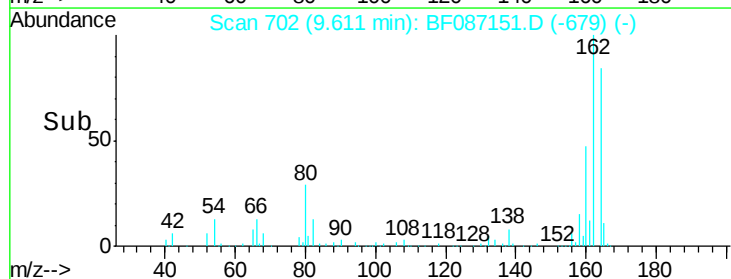
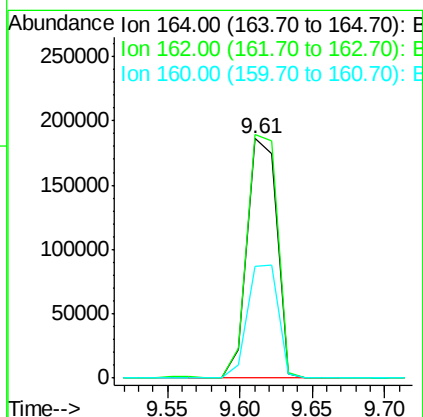
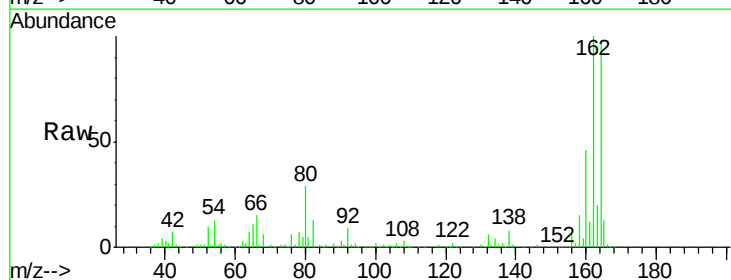
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

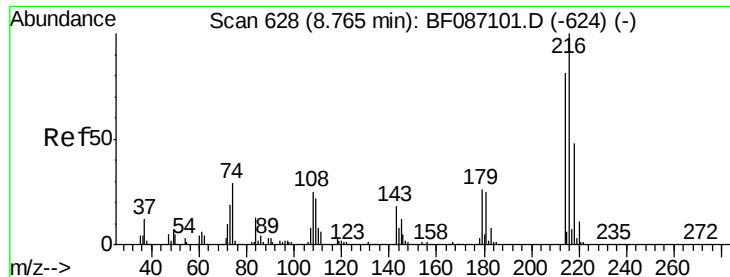
Tgt Ion:142 Resp: 788099
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 38.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:164 Resp: 265812
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.8 124.2
 160 46.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.99 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tgt Ion:216 Resp: 341560

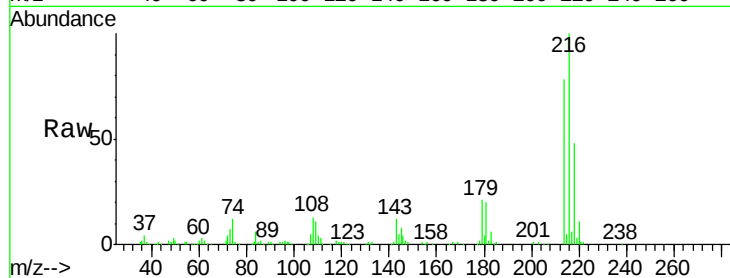
Ion Ratio Lower Upper

216 100

214 78.5 62.6 93.8

179 23.0 18.2 27.4

108 22.9 17.5 26.3

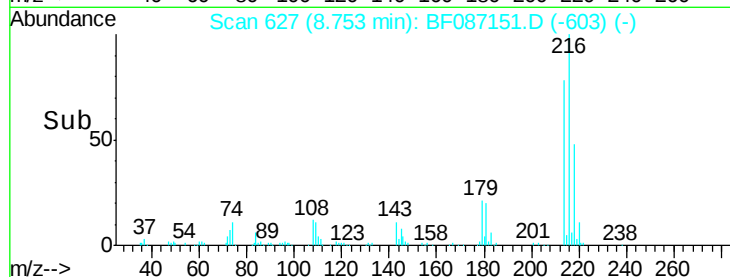


Abundance Ion 216.00 (215.70 to 216.70): E

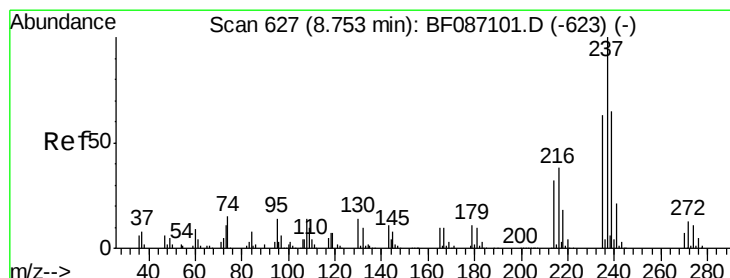
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.26 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

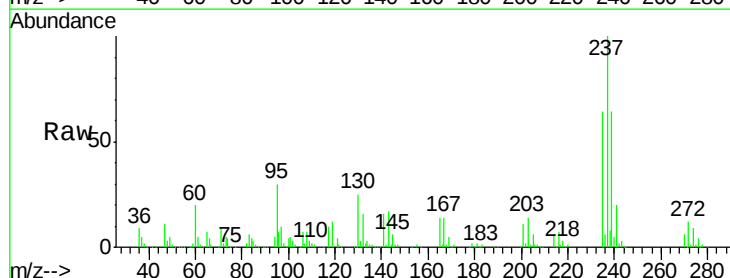
Tgt Ion:237 Resp: 237390

Ion Ratio Lower Upper

237 100

235 63.6 47.2 87.2

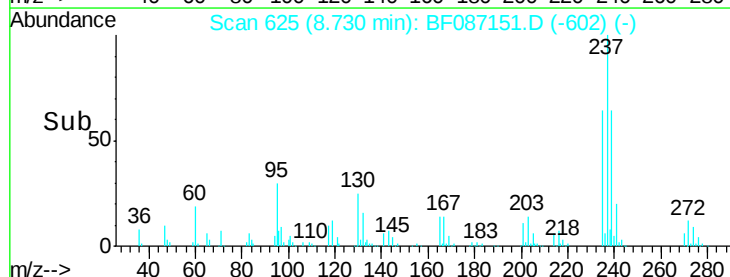
272 11.6 0.0 31.1



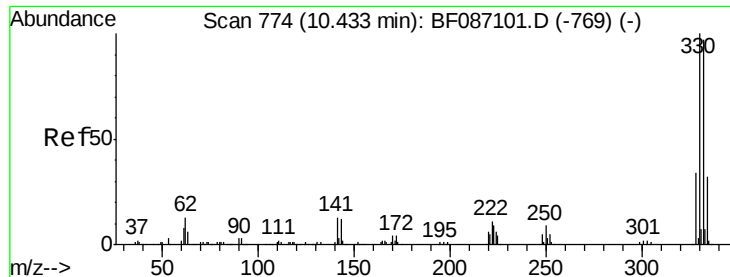
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



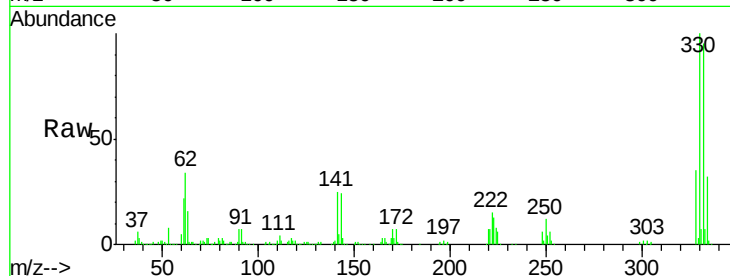
Time-->



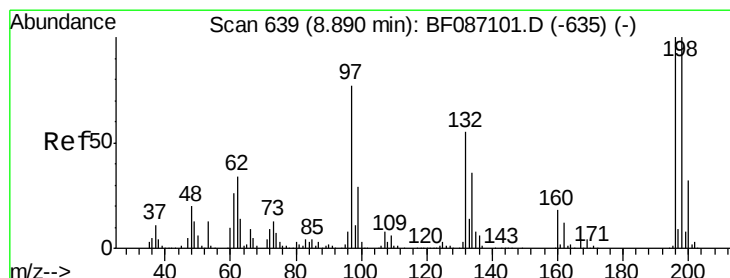
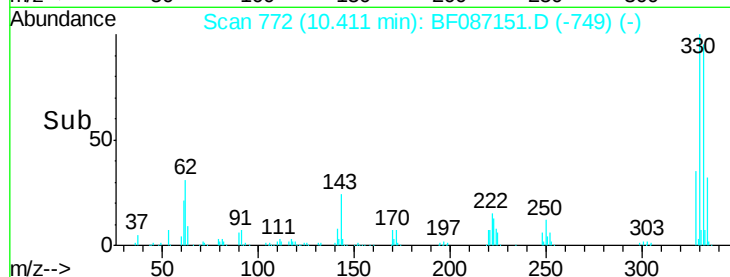
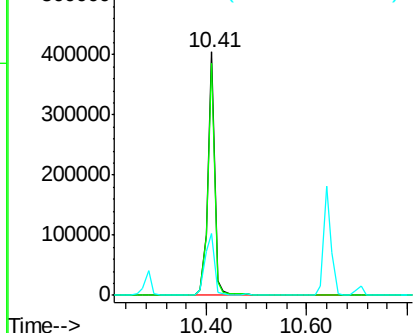
#41
 2,4,6-Tribromophenol
 Concen: 132.53 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tgt Ion:330 Resp: 389274
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 34.3 31.2 46.8

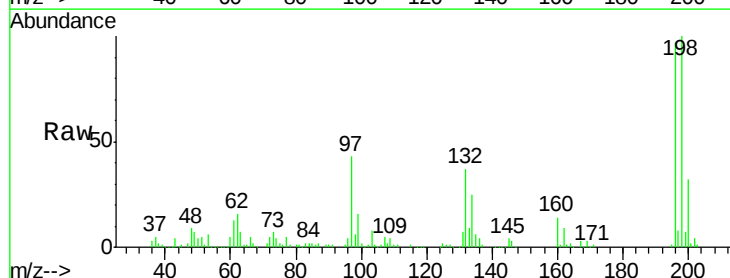


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

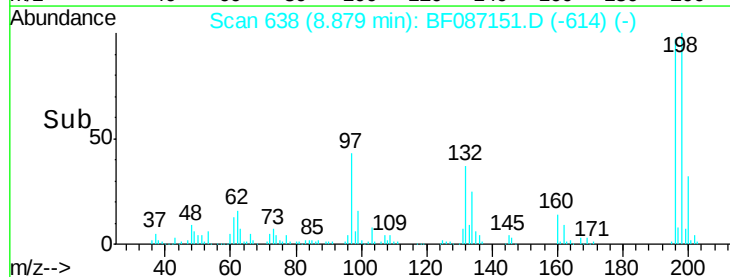
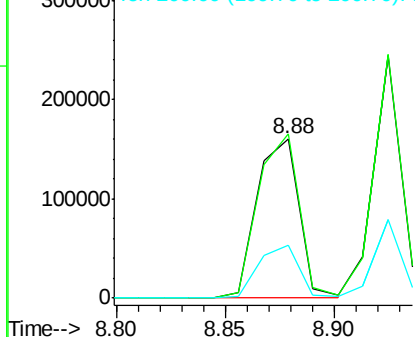


#42
 2,4,6-Trichlorophenol
 Concen: 43.40 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:196 Resp: 218502
 Ion Ratio Lower Upper
 196 100
 198 102.7 74.7 112.1
 200 32.9 23.8 35.6



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

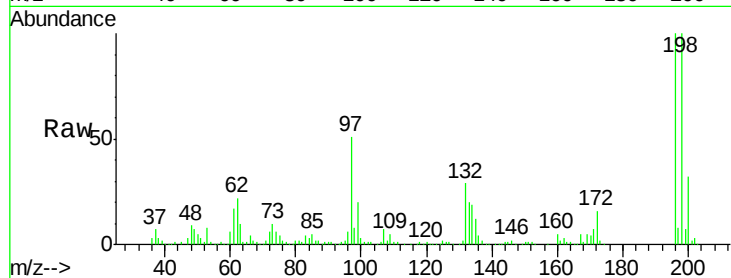




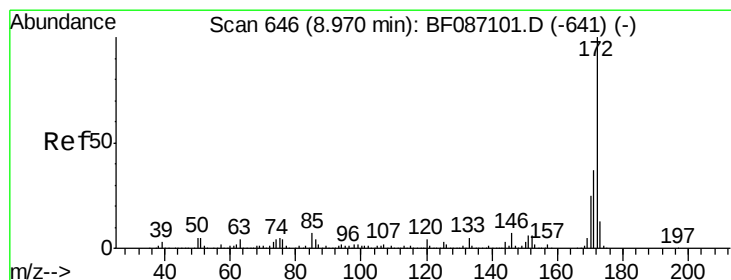
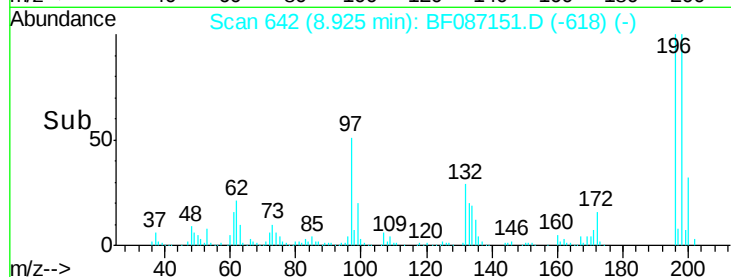
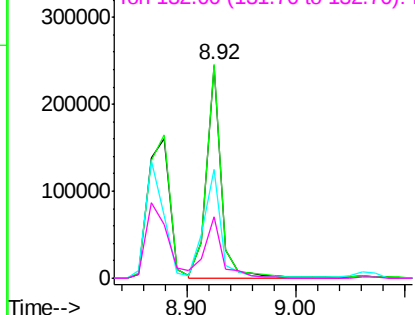
#43
 2,4,5-Trichlorophenol
 Concen: 44.32 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tgt Ion	Resp	Lower	Upper
196	231800		
196	100		
198	100.5	77.5	116.3
97	51.1	34.8	52.2
132	29.2	23.0	34.4

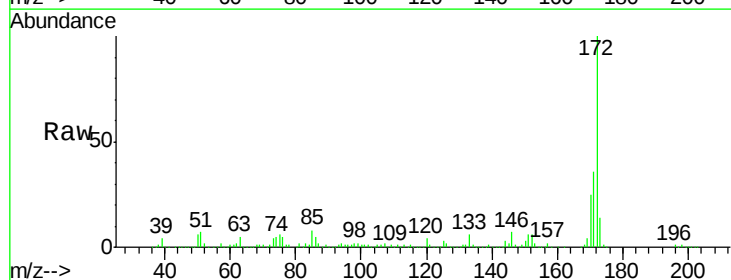


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

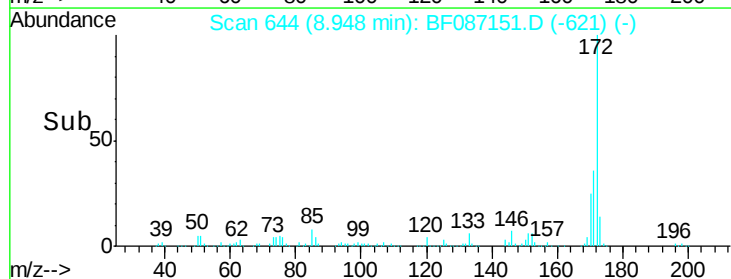
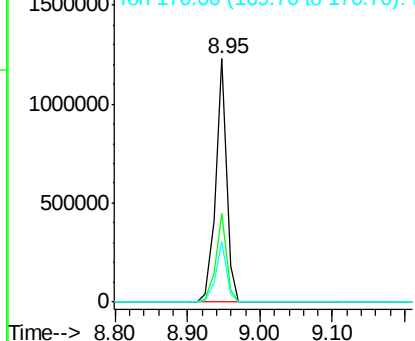


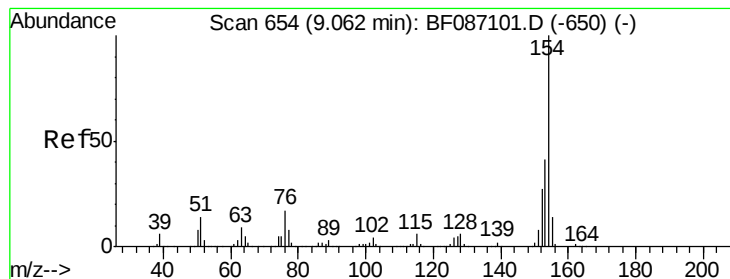
#44
 2-Fluorobiphenyl
 Concen: 80.19 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion	Resp	Lower	Upper
172	1286992		
172	100		
171	36.3	29.0	43.6
170	24.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.06 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

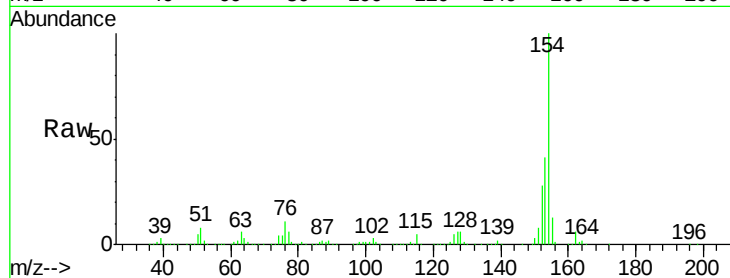
Tgt Ion:154 Resp: 1015178

Ion Ratio Lower Upper

154 100

153 41.4 20.3 60.3

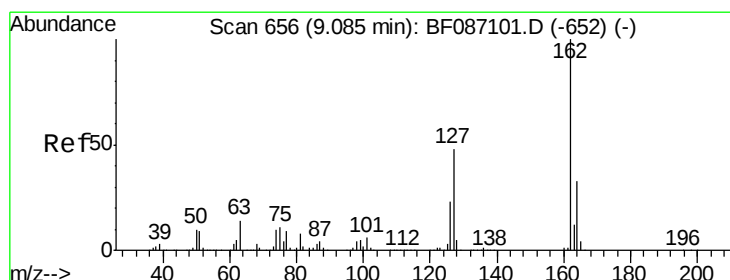
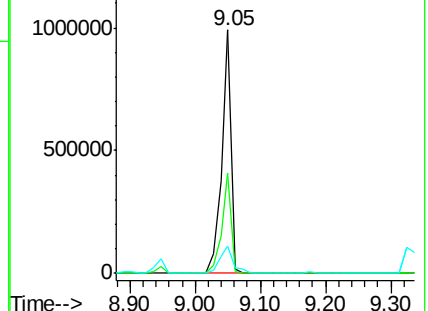
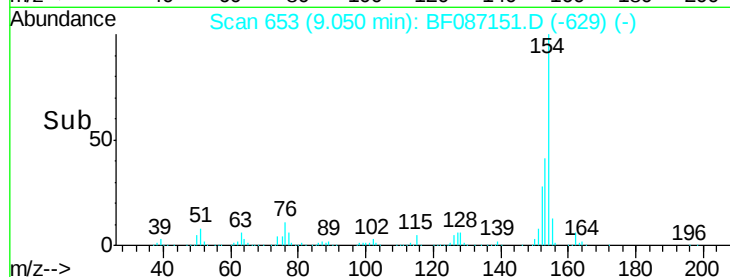
76 11.2 0.0 30.2



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: 44.76 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

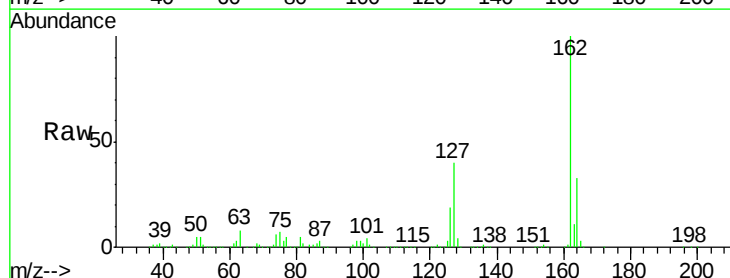
Tgt Ion:162 Resp: 757343

Ion Ratio Lower Upper

162 100

127 39.7 31.8 47.6

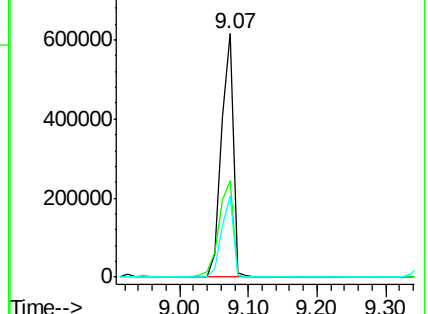
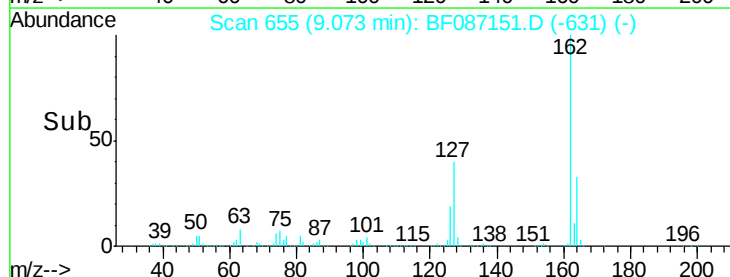
164 33.4 27.0 40.6

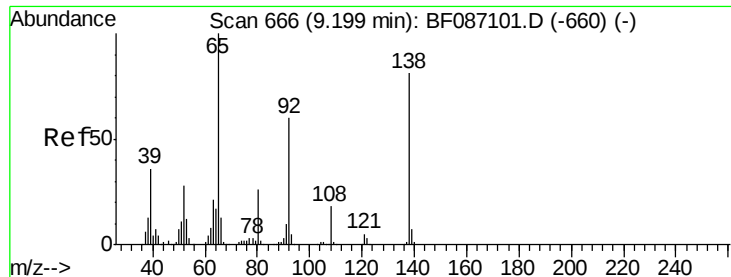


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

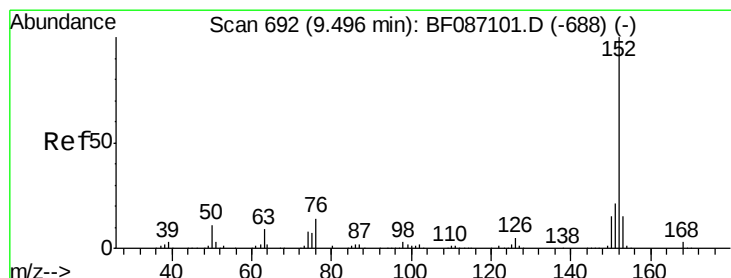
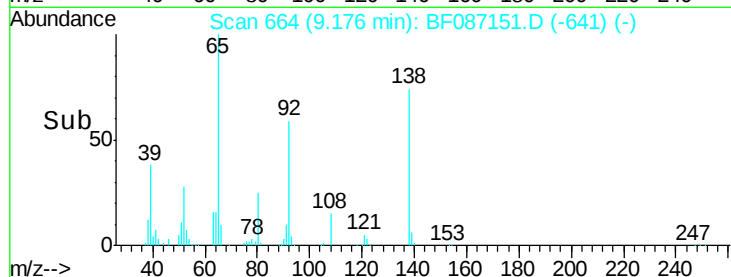
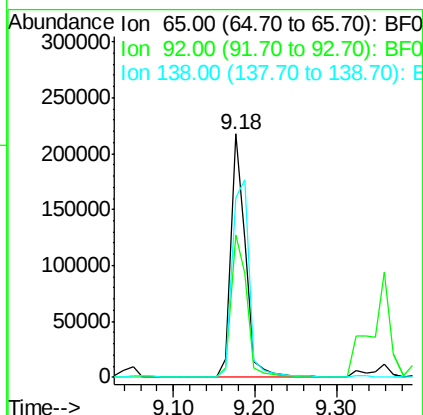
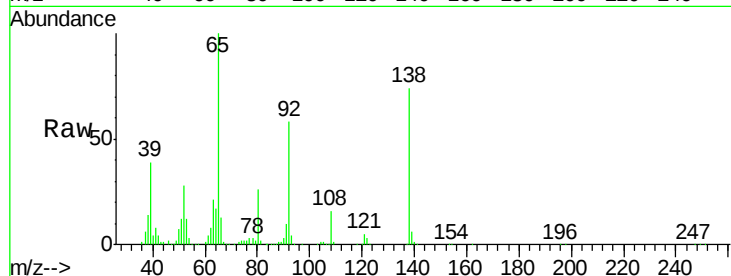




#47
2-Nitroaniline
Concen: 41.44 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

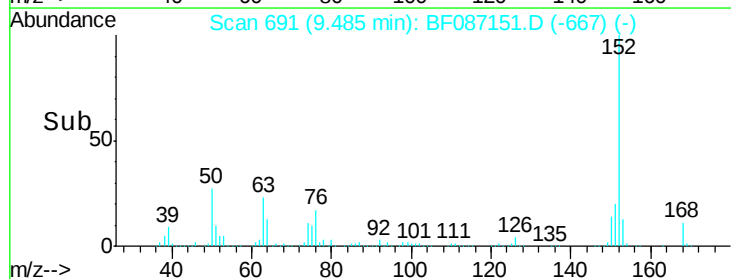
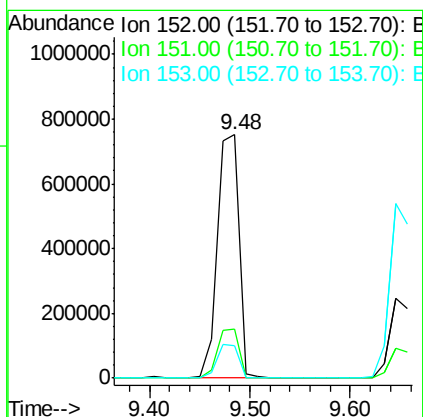
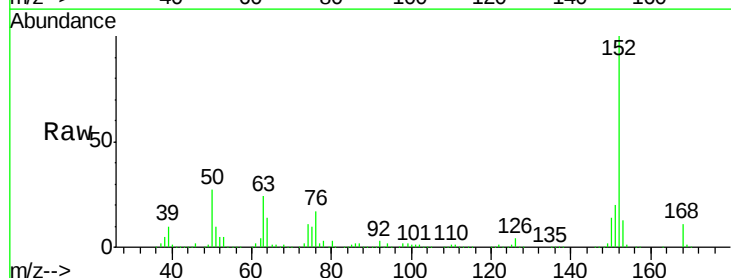
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

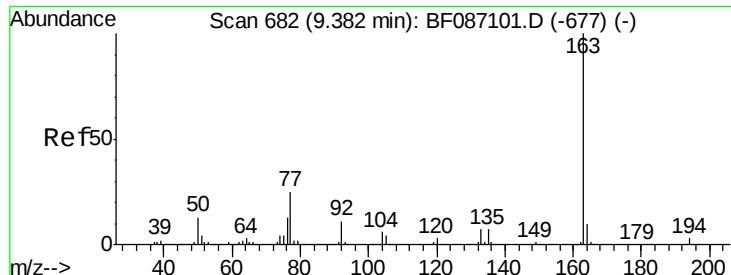
Tgt Ion: 65 Resp: 268705
Ion Ratio Lower Upper
65 100
92 58.4 57.4 86.2
138 74.0 90.1 135.1#



#48
Acenaphthylene
Concen: 43.32 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion: 152 Resp: 1119278
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.3 10.9 16.3

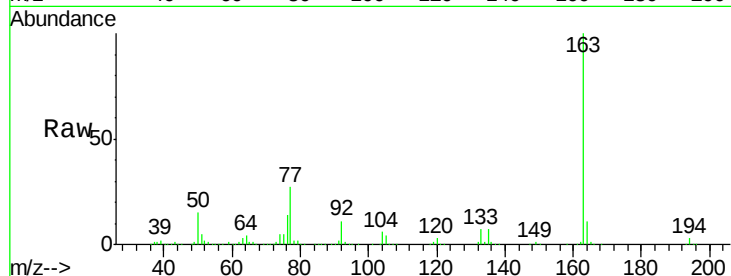




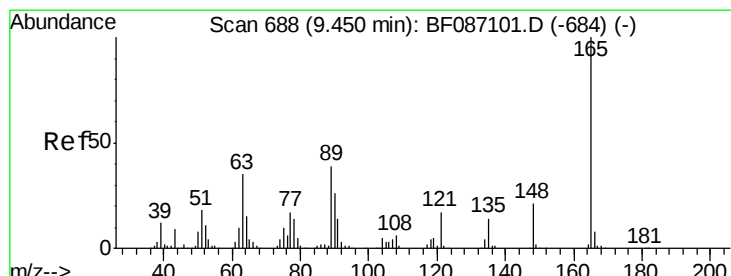
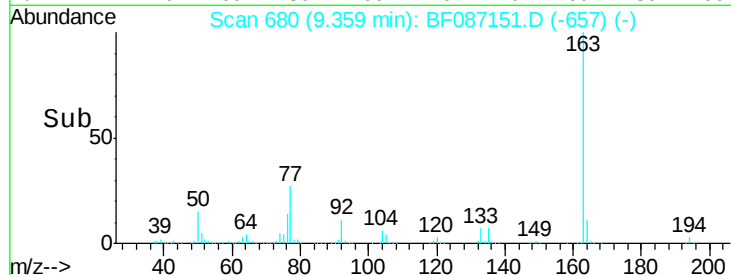
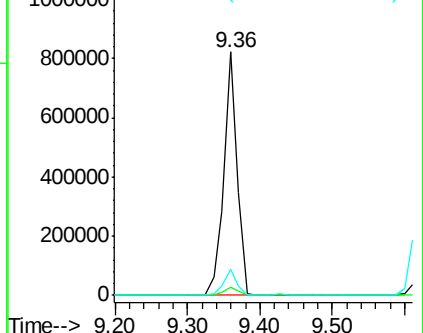
#49
Dimethylphthalate
Concen: 51.52 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tgt Ion:163 Resp: 1044776
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4

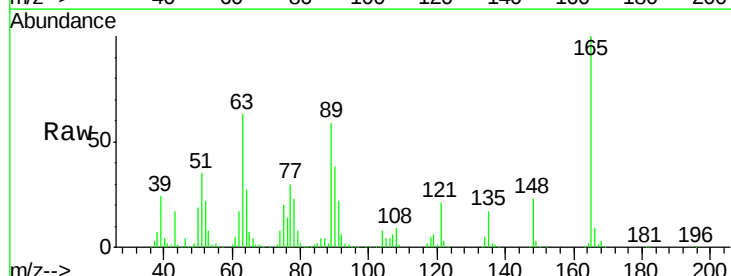


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

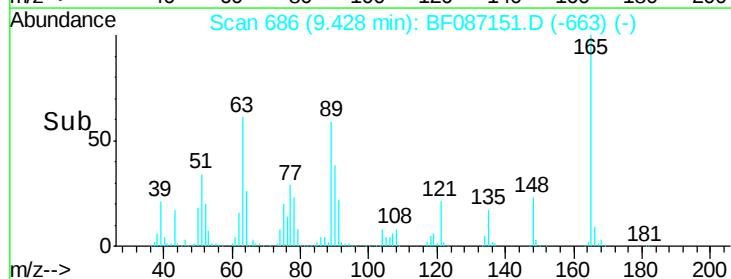
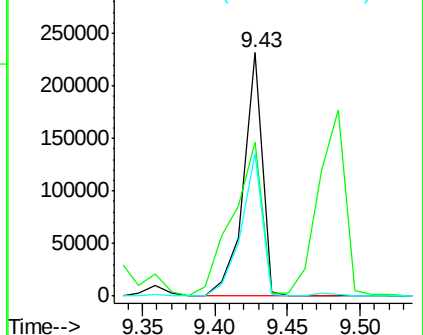


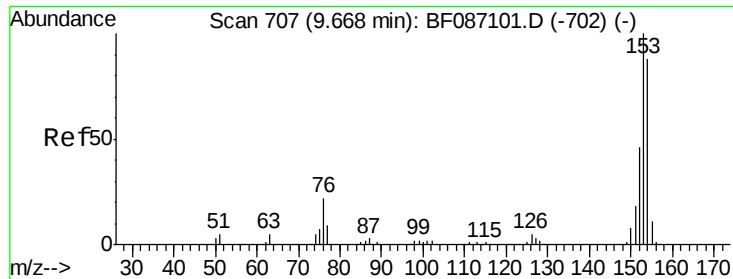
#50
2,6-Dinitrotoluene
Concen: 47.79 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:165 Resp: 210427
Ion Ratio Lower Upper
165 100
63 63.0 51.8 77.8
89 58.6 50.7 76.1



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





#51

Acenaphthene

Concen: 41.96 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

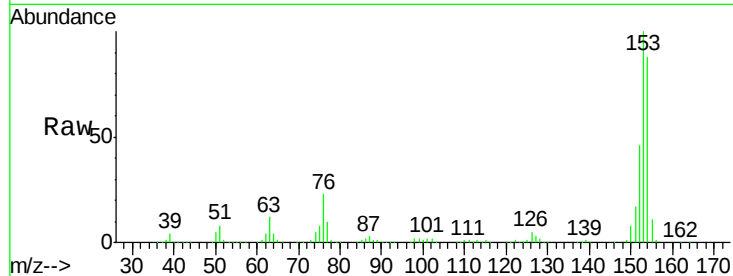
Tgt Ion:154 Resp: 677238

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

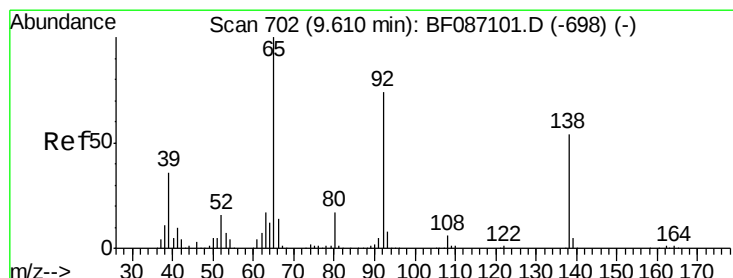
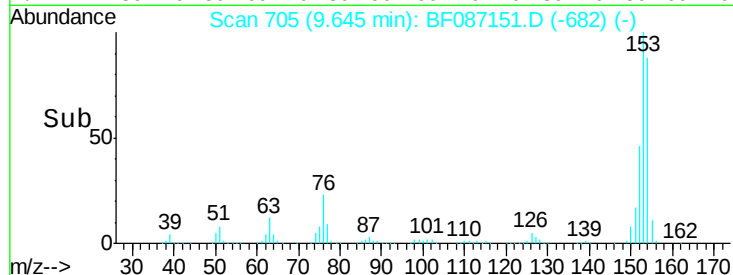
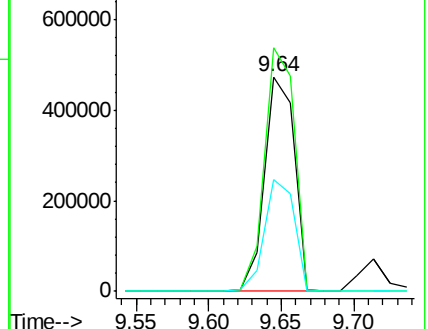
152 52.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.27 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

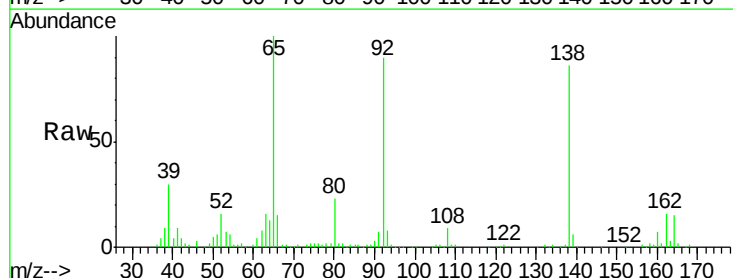
Tgt Ion:138 Resp: 168130

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

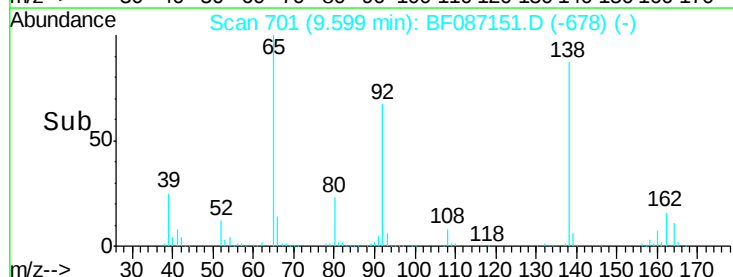
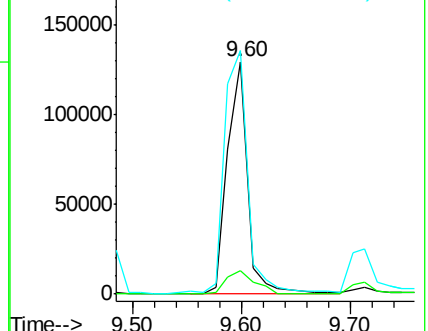
92 104.9 87.8 131.8

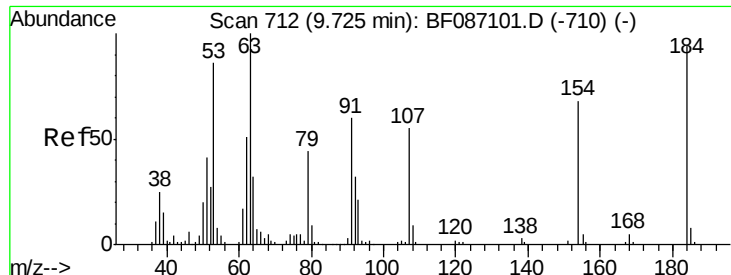


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

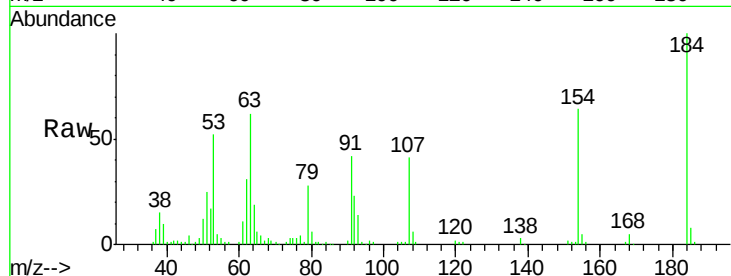




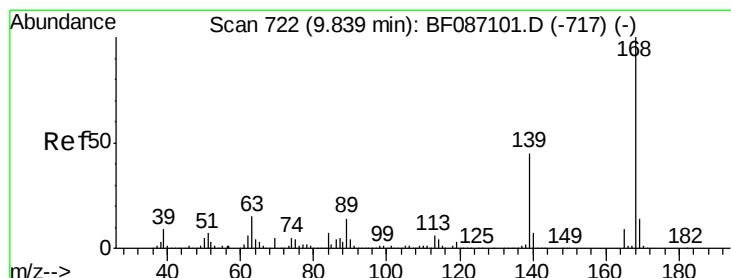
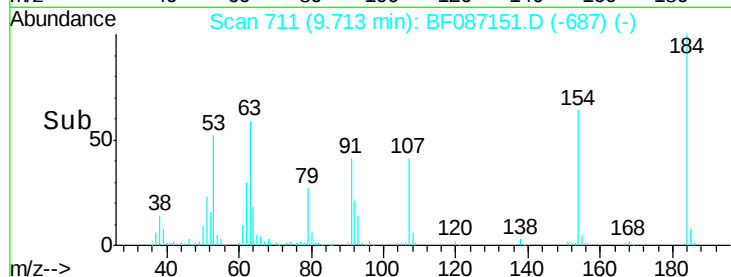
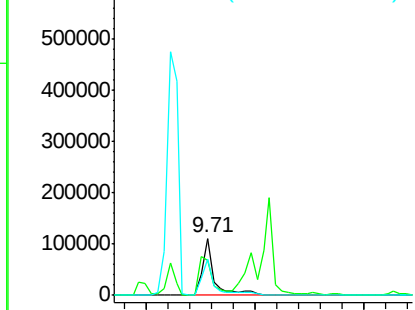
#53
2,4-Dinitrophenol
Concen: 68.23 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tgt Ion:184 Resp: 170253
Ion Ratio Lower Upper
184 100
63 61.5 55.8 83.8
154 64.4 62.4 93.6

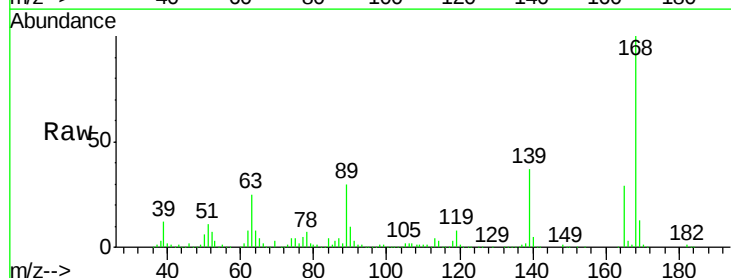


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

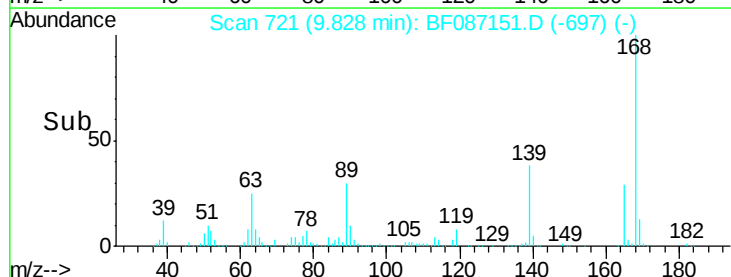
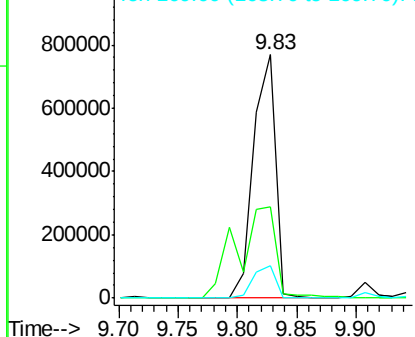


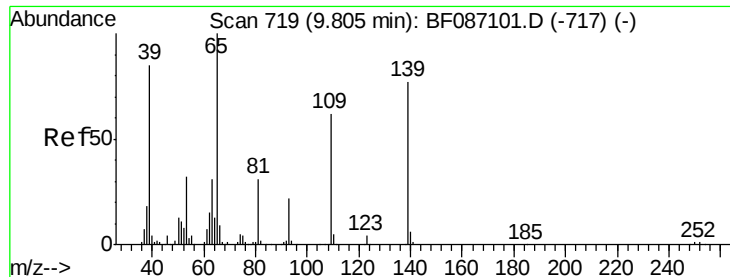
#54
Dibenzofuran
Concen: 47.74 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:168 Resp: 996480
Ion Ratio Lower Upper
168 100
139 37.5 31.4 47.0
169 13.1 10.7 16.1



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





#55

4-Nitrophenol

Concen: 131.62 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

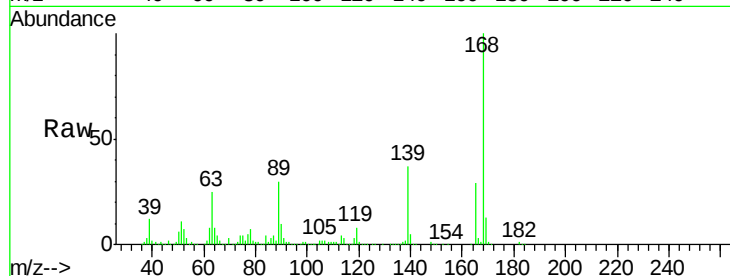
Tgt Ion:139 Resp: 674886

Ion Ratio Lower Upper

139 100

109 3.9 36.9 76.9#

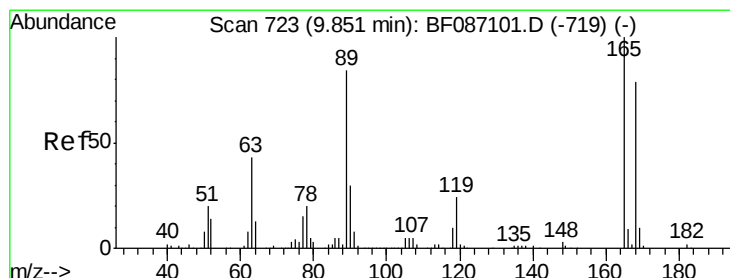
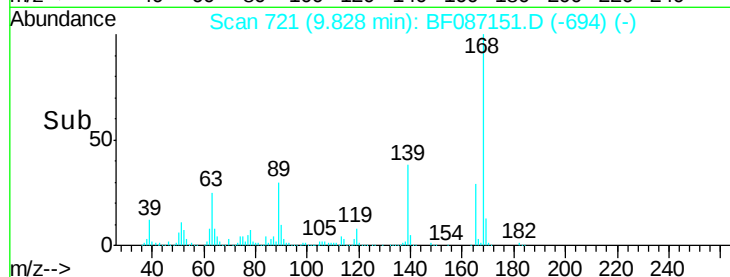
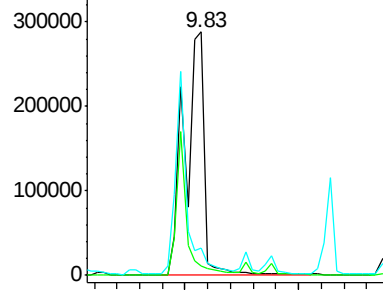
65 11.4 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.83 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:165 Resp: 224619

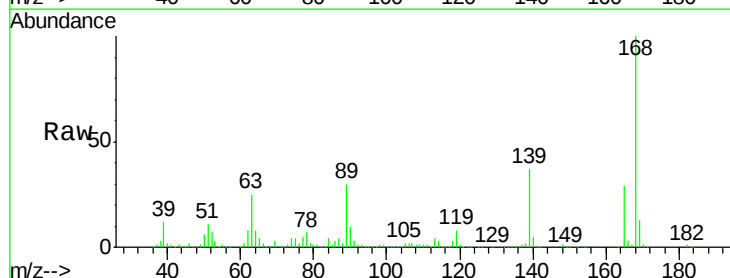
Ion Ratio Lower Upper

165 100

63 85.7 44.3 66.5#

89 104.6 70.0 105.0

182 2.2 1.8 2.6

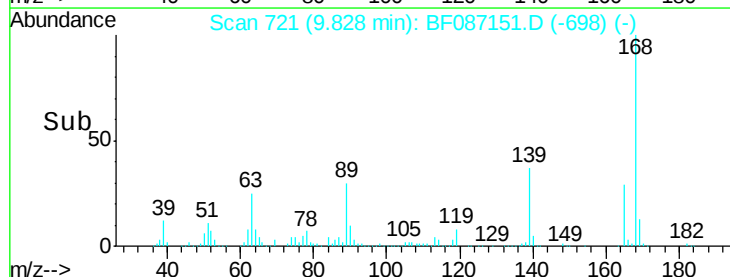
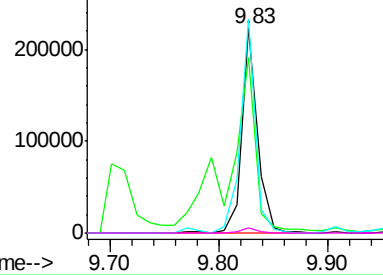


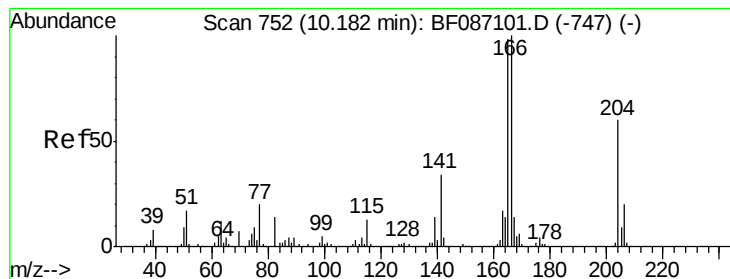
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.69 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

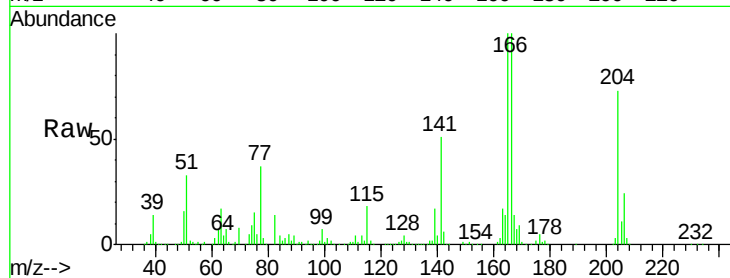
Tgt Ion:166 Resp: 716000

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

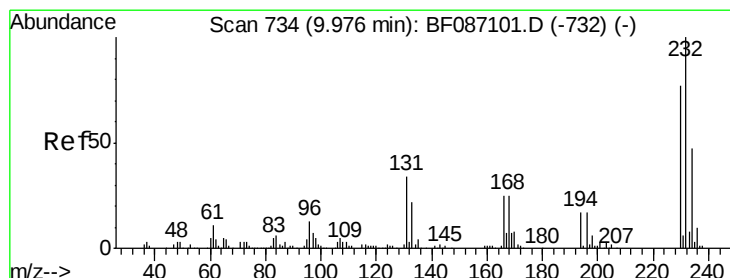
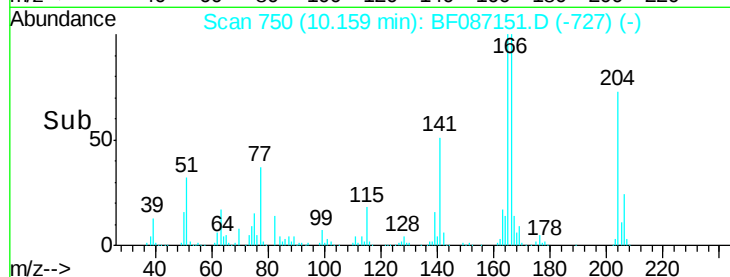
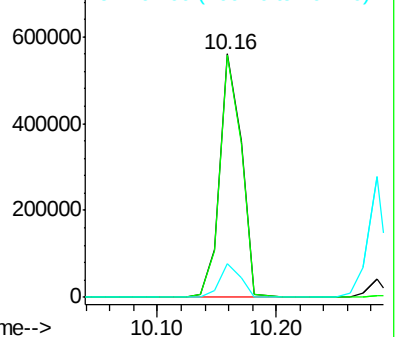
167 14.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.83 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:232 Resp: 207066

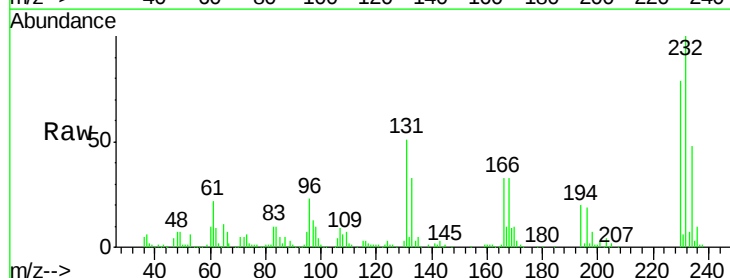
Ion Ratio Lower Upper

232 100

131 51.4 41.9 62.9

130 2.7 2.2 3.4

166 31.0 26.8 40.2

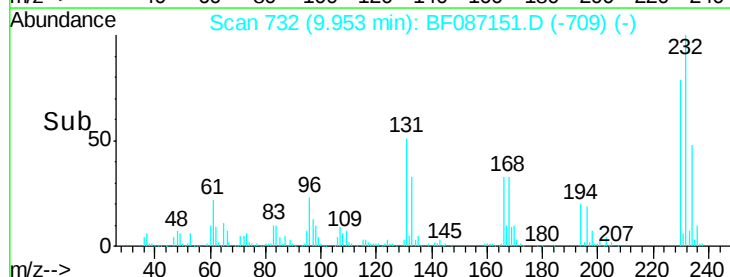
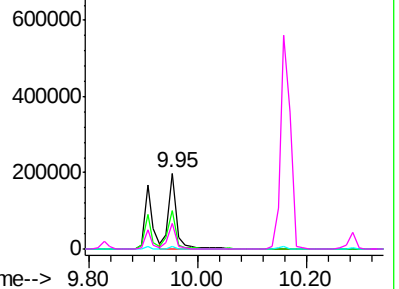


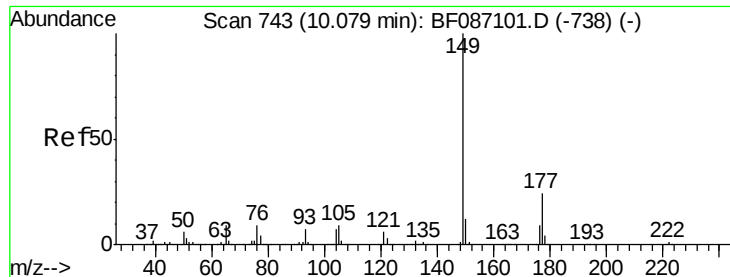
Abundance Ion 232.00 (231.70 to 232.70): E

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

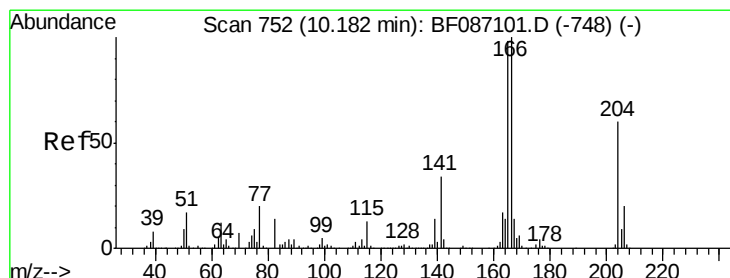
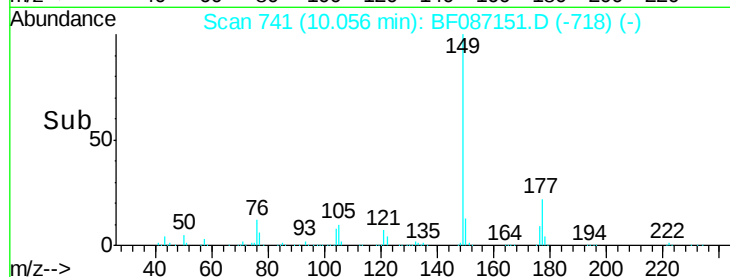
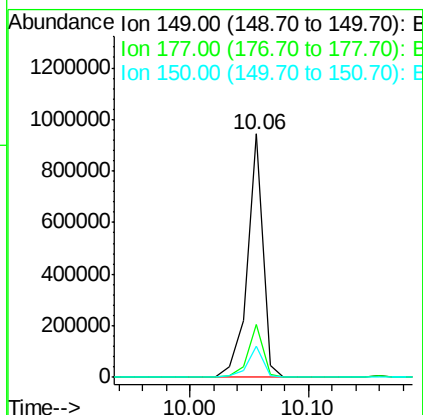
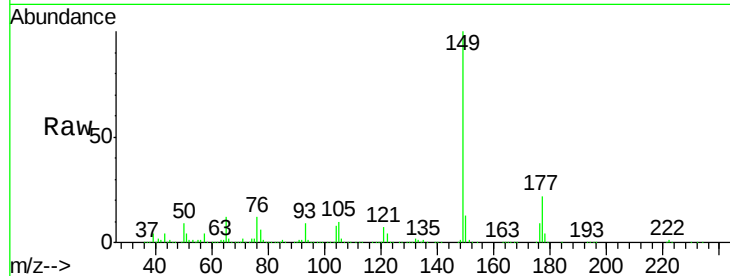




#59
Diethylphthalate
Concen: 44.48 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

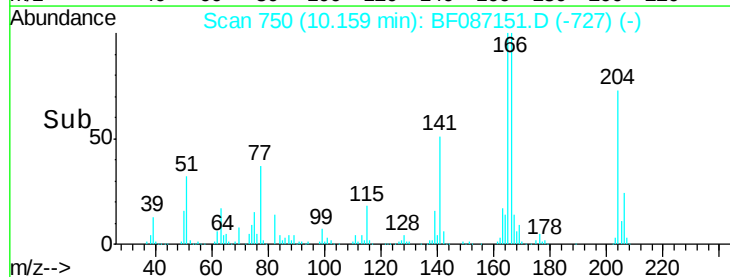
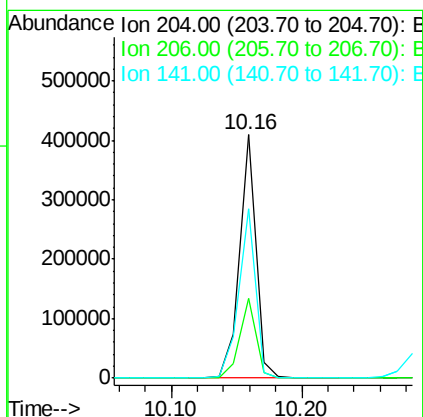
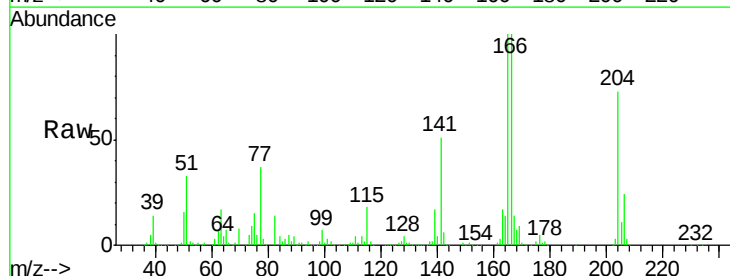
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

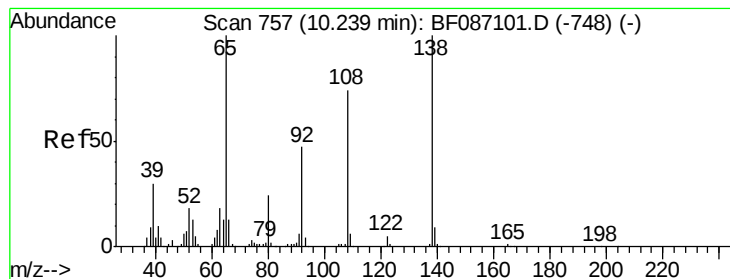
Tgt Ion:149 Resp: 860958
Ion Ratio Lower Upper
149 100
177 21.7 16.6 24.8
150 13.0 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 44.66 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:204 Resp: 354993
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 69.7 61.6 92.4





#61

4-Nitroaniline

Concen: 44.21 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

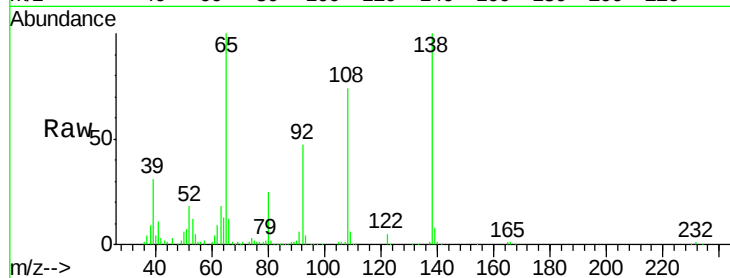
Tgt Ion:138 Resp: 208053

Ion Ratio Lower Upper

138 100

92 47.1 24.7 64.7

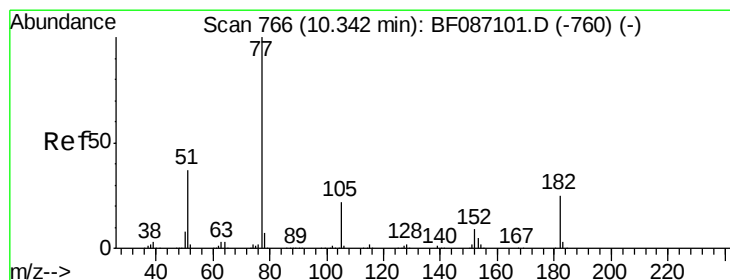
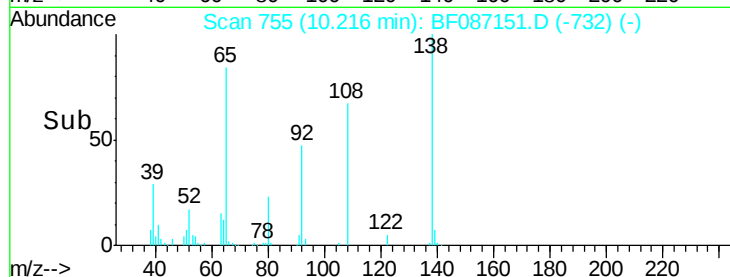
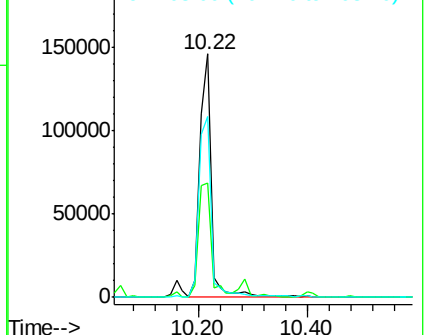
108 74.1 37.4 77.4



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: 48.07 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion: 77 Resp: 1072235

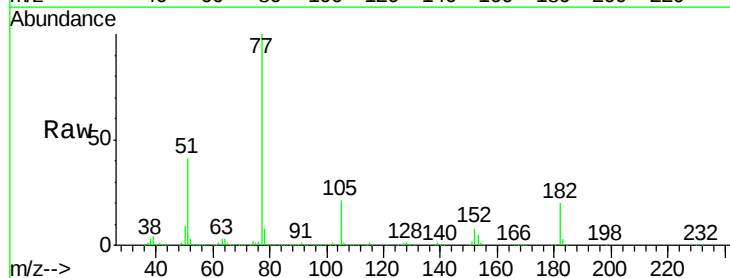
Ion Ratio Lower Upper

77 100

182 20.2 0.0 38.8

105 21.1 3.2 43.2

51 41.1 8.8 48.8

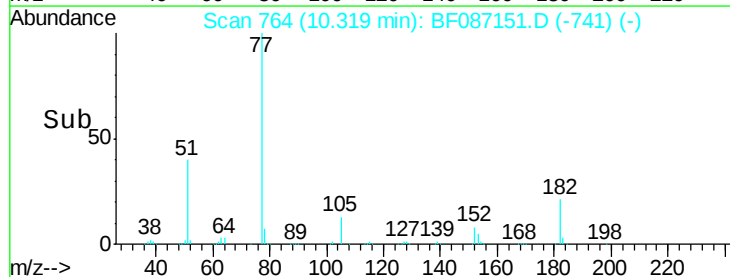
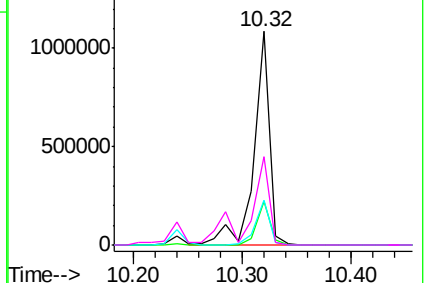


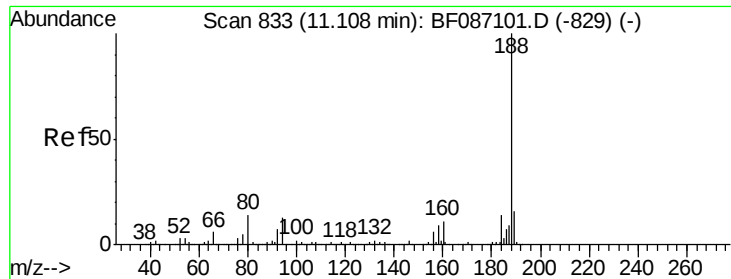
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

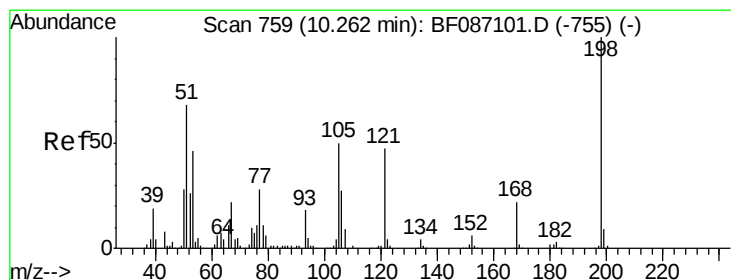
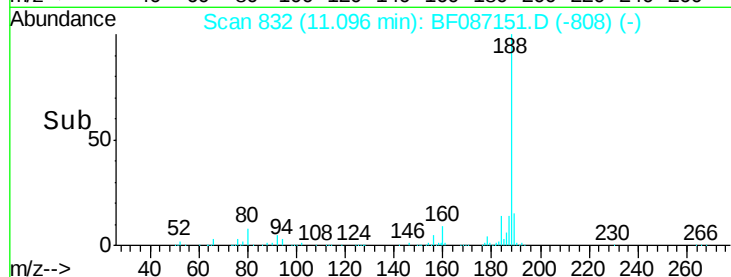
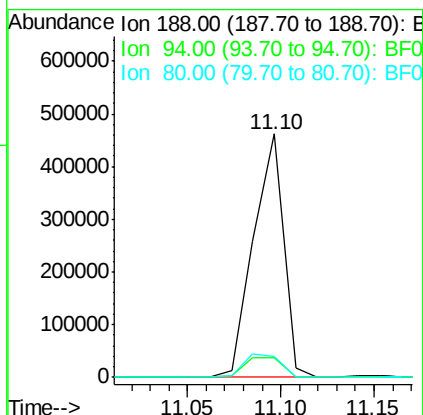
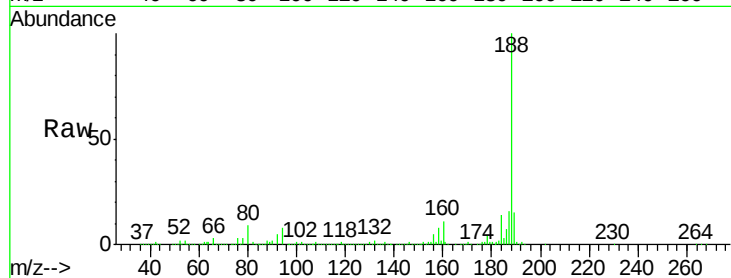




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

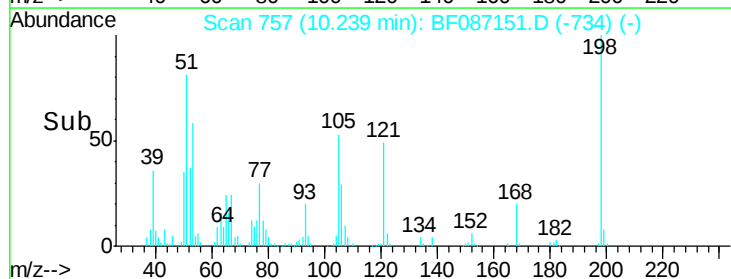
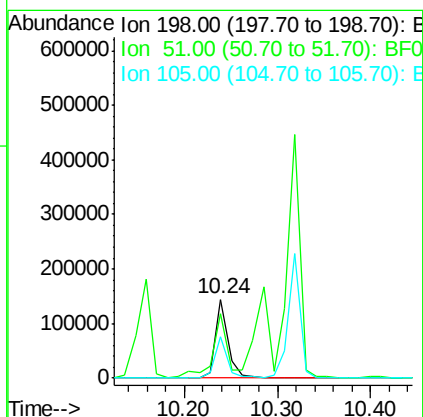
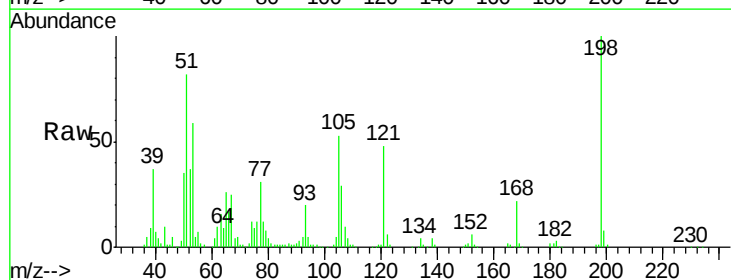
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

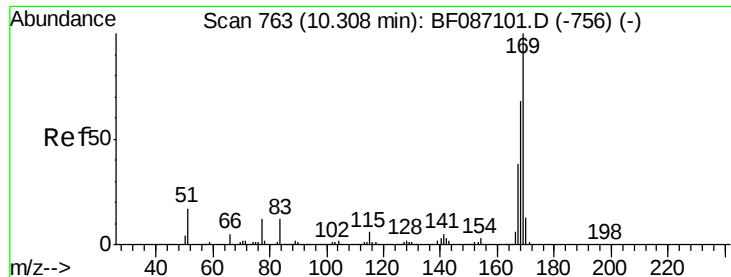
Tgt Ion:188 Resp: 516625
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.6 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 40.65 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:198 Resp: 138295
Ion Ratio Lower Upper
198 100
51 81.6 20.5 60.5#
105 52.9 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 42.43 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

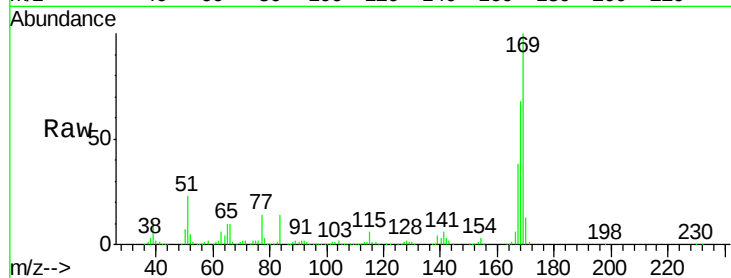
Tgt Ion:169 Resp: 689865

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.6

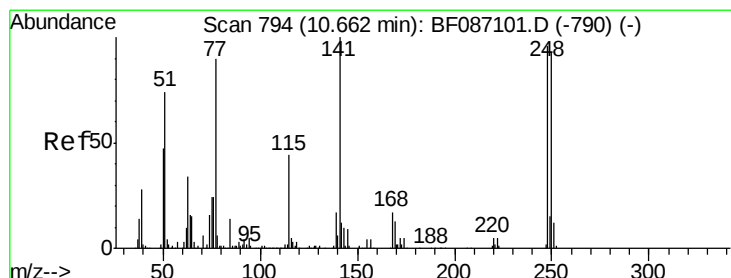
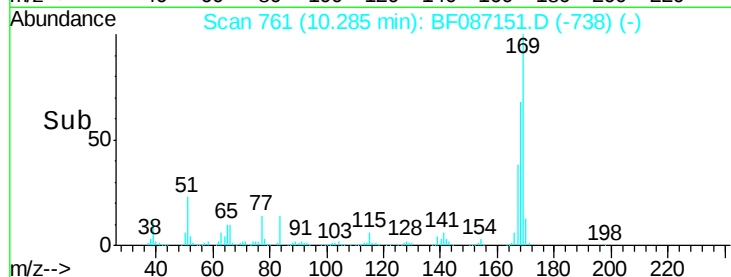
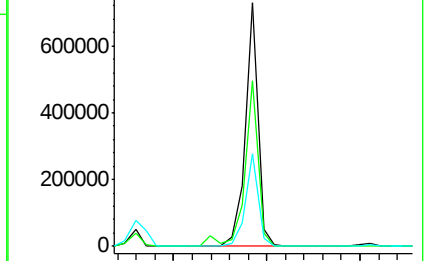
167 38.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.84 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

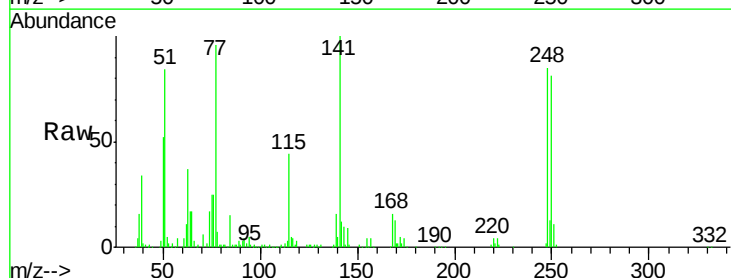
Tgt Ion:248 Resp: 222291

Ion Ratio Lower Upper

248 100

250 94.6 78.6 117.8

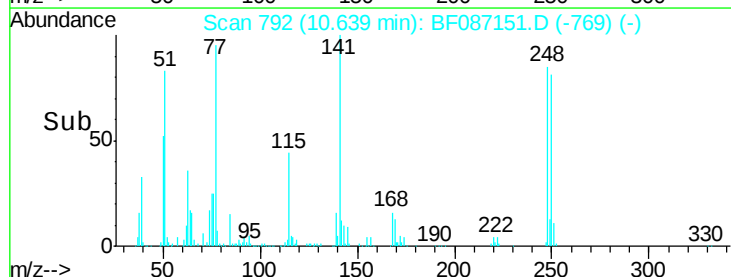
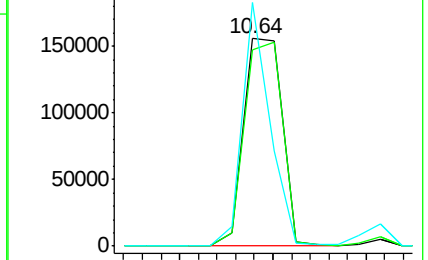
141 117.2 76.0 114.0#

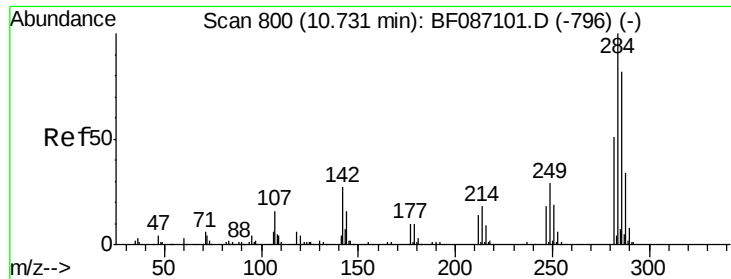


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.14 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

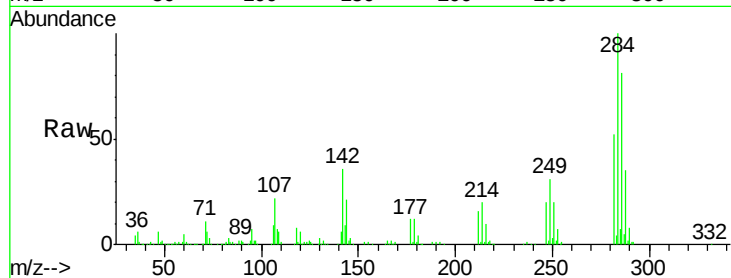
Tgt Ion:284 Resp: 253412

Ion Ratio Lower Upper

284 100

142 35.5 16.7 25.1#

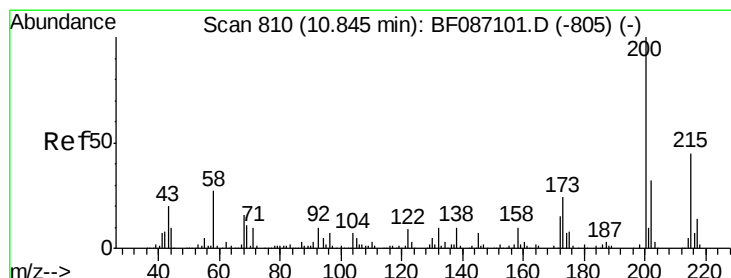
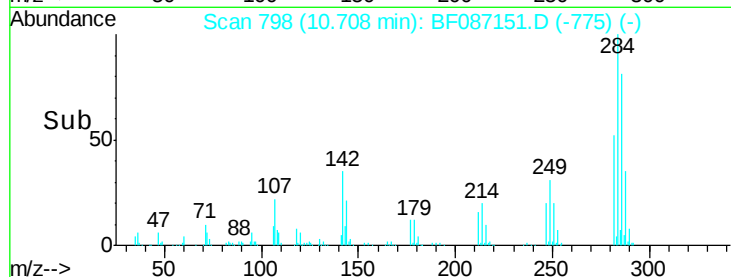
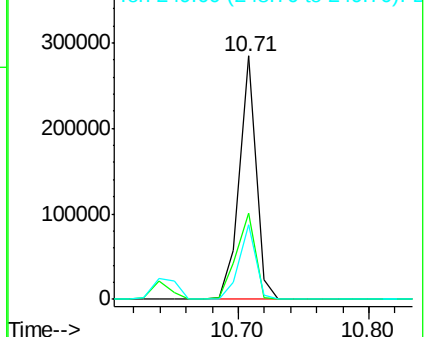
249 30.7 21.3 31.9



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: 47.18 ng

RT: 10.82 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

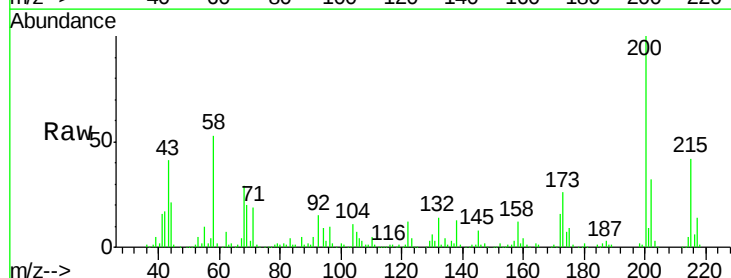
Tgt Ion:200 Resp: 250237

Ion Ratio Lower Upper

200 100

173 26.3 8.5 48.5

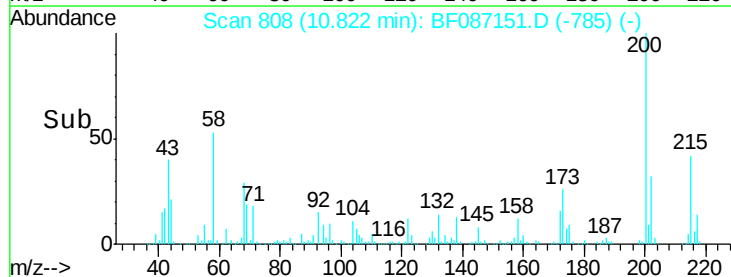
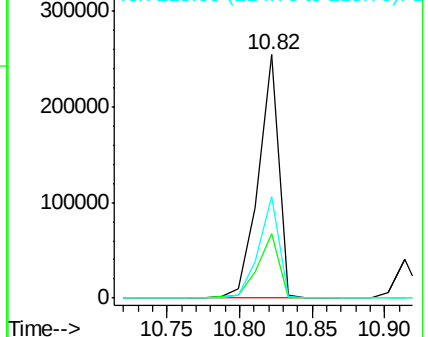
215 41.9 27.2 67.2

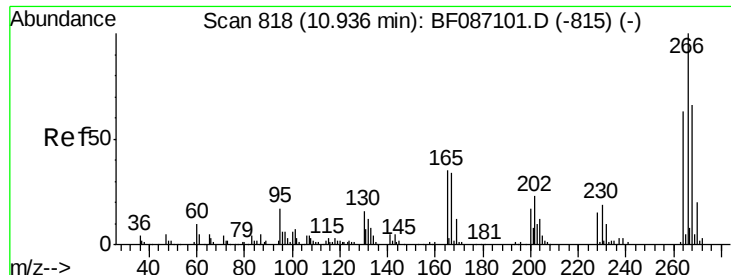


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

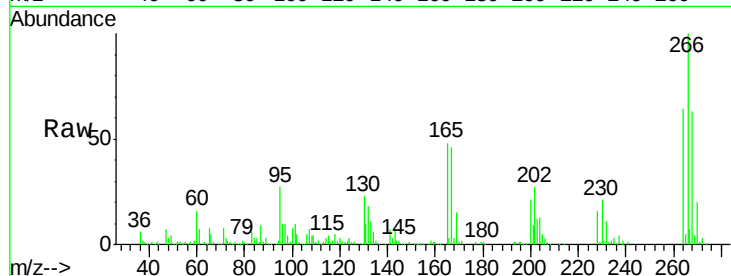




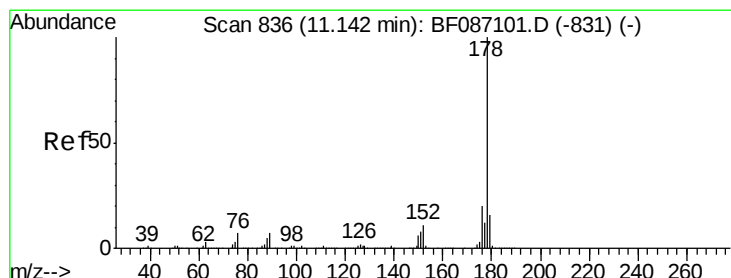
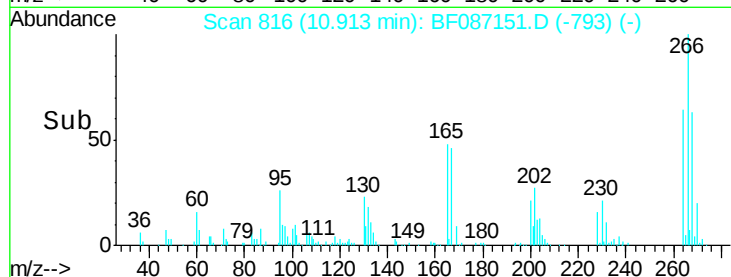
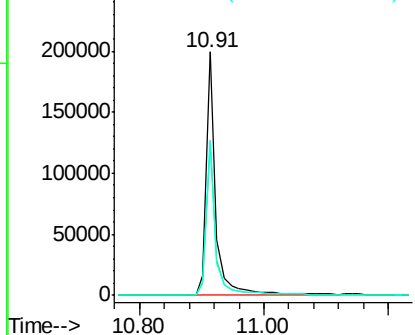
#69
 Pentachlorophenol
 Concen: 93.64 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tgt Ion:266 Resp: 216681
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.5 77.3
 264 63.5 52.9 79.3

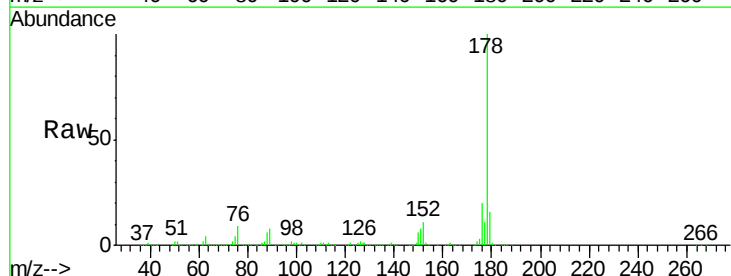


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

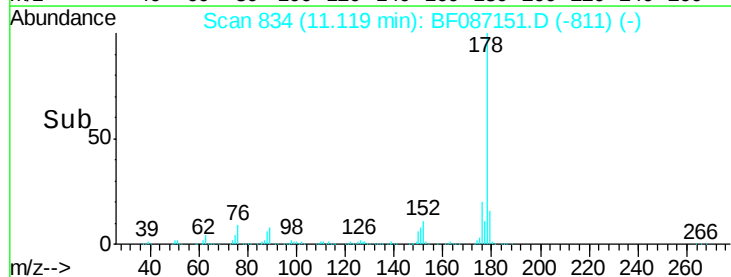
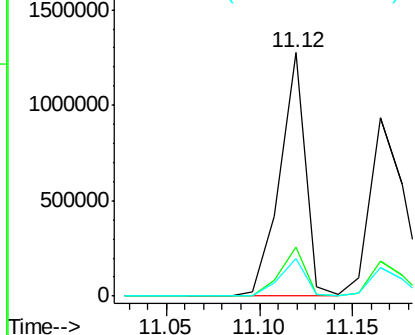


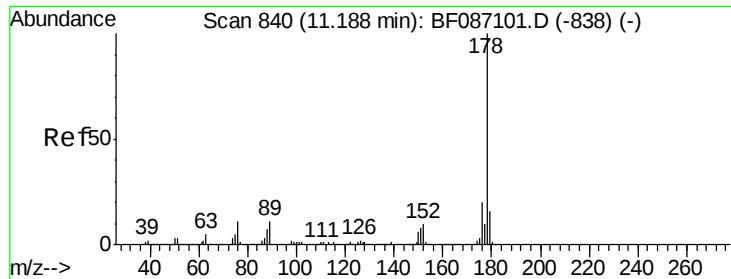
#70
 Phenanthrene
 Concen: 43.26 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:178 Resp: 1212252
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.6 12.6 18.8



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

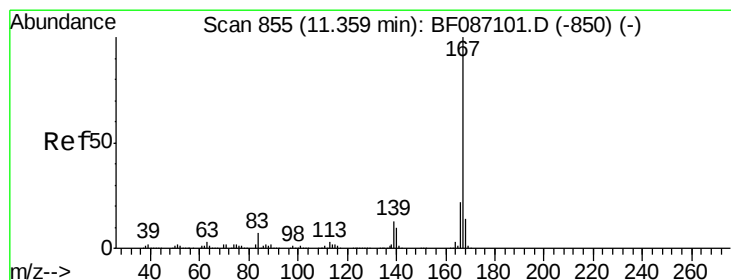
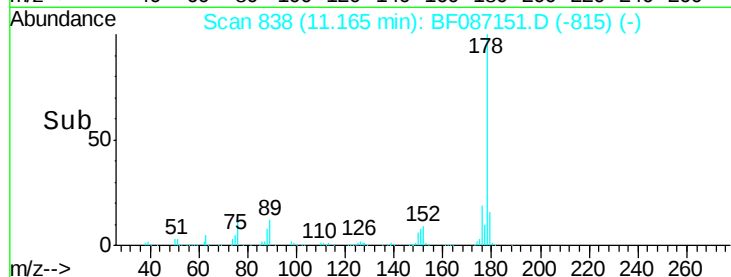
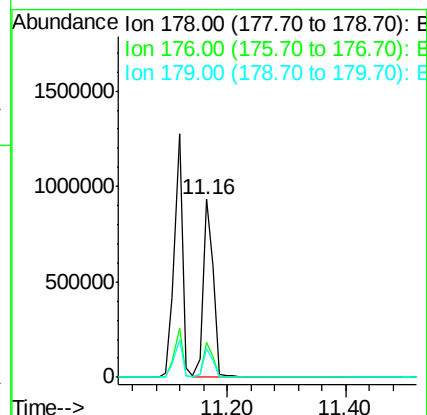
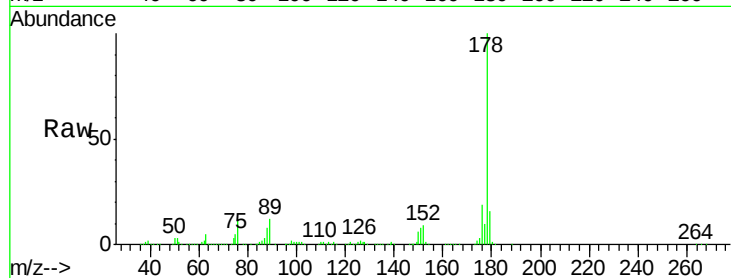




#71
 Anthracene
 Concen: 39.89 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

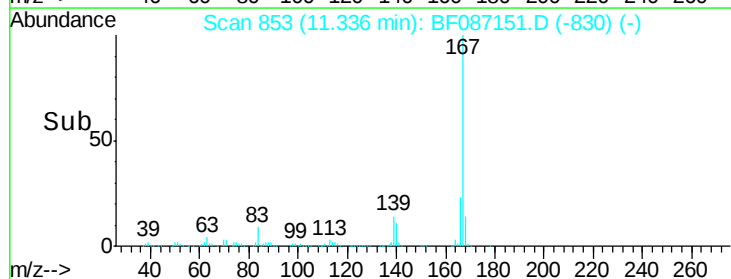
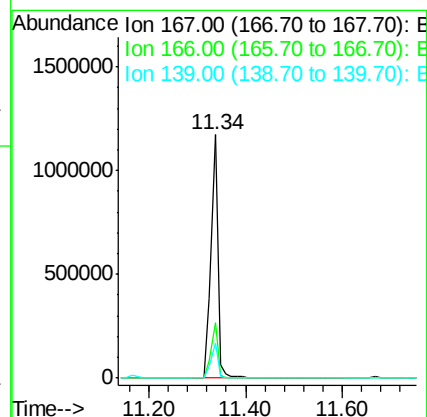
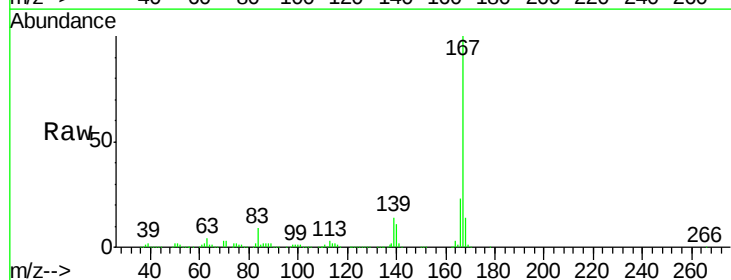
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

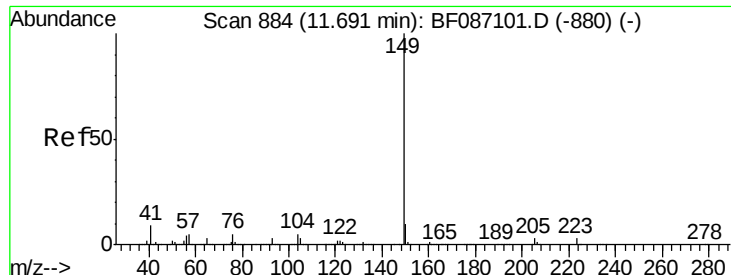
Tgt Ion:178 Resp: 1130509
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 44.77 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:167 Resp: 1159096
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 14.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 44.86 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

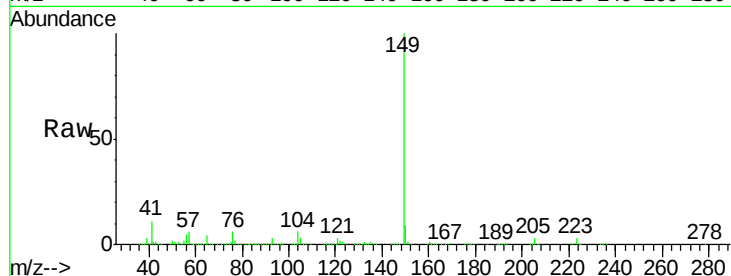
Tgt Ion:149 Resp: 1334054

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

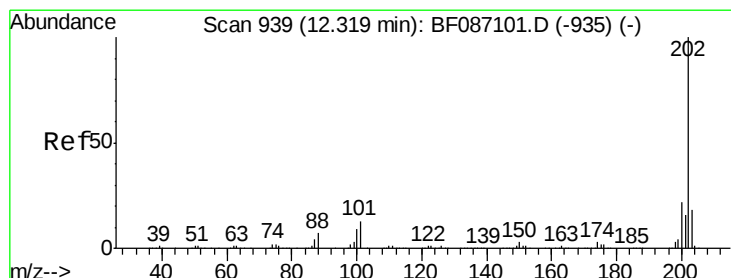
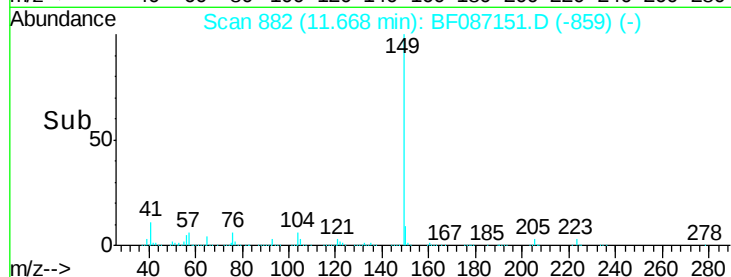
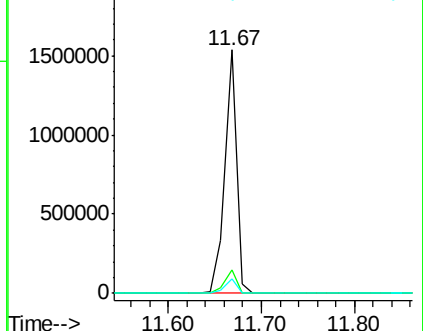
104 5.8 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.23 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

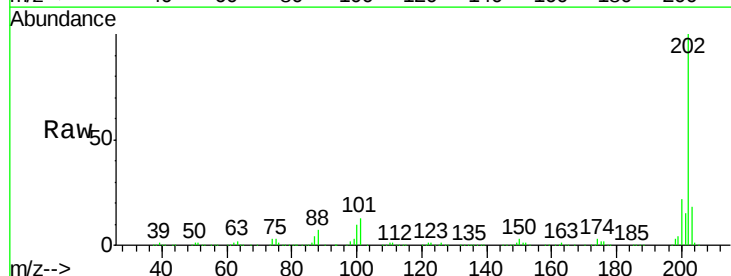
Tgt Ion:202 Resp: 1129416

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.4

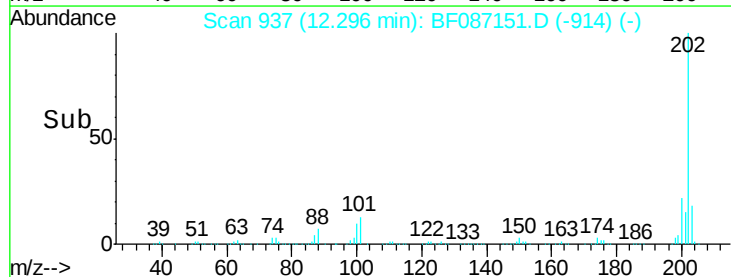
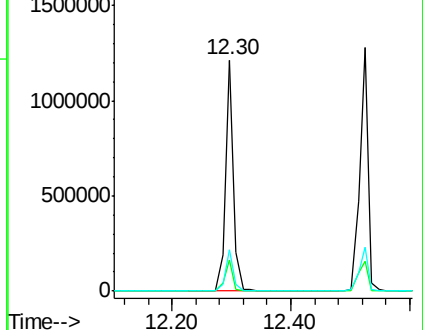
203 18.0 0.0 38.1

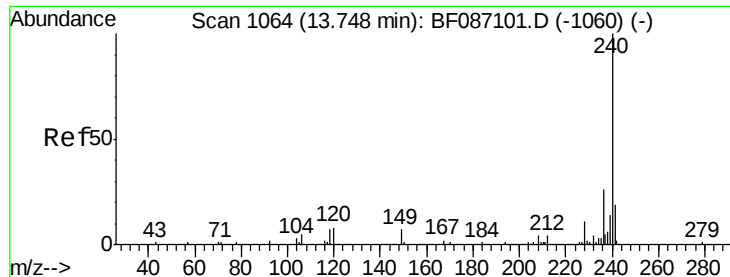


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

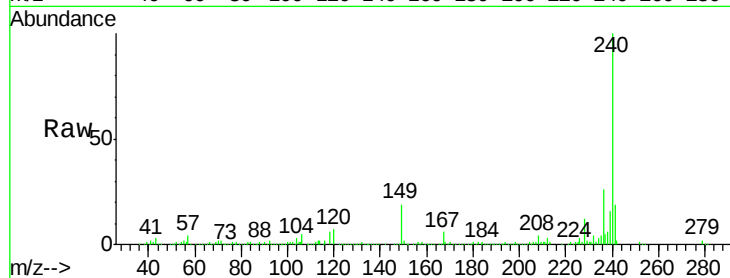
Tgt Ion:240 Resp: 356198

Ion Ratio Lower Upper

240 100

120 6.8 11.2 16.8#

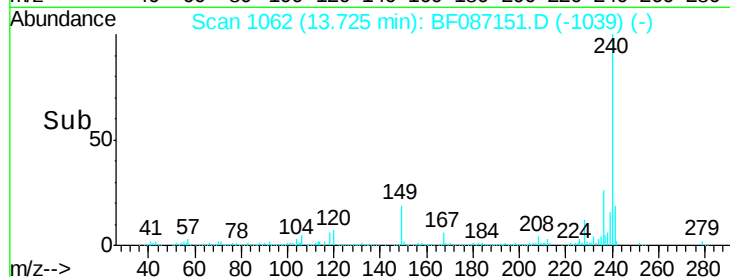
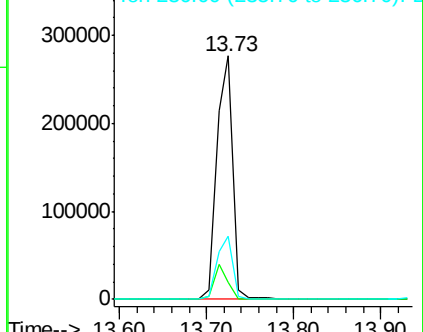
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.62 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

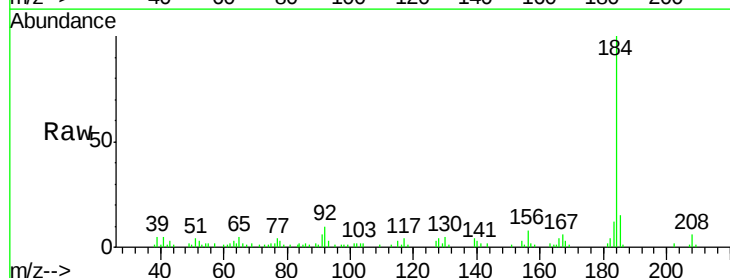
Tgt Ion:184 Resp: 62471

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

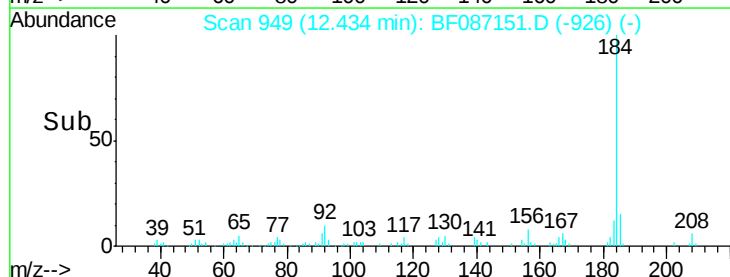
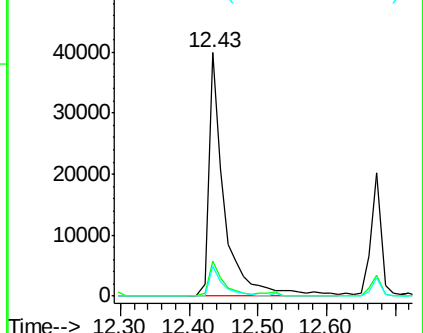
183 12.0 9.8 14.6

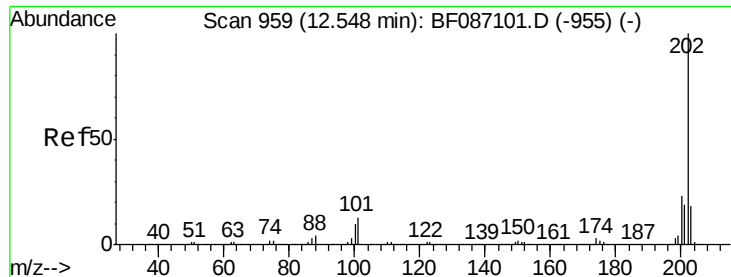


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

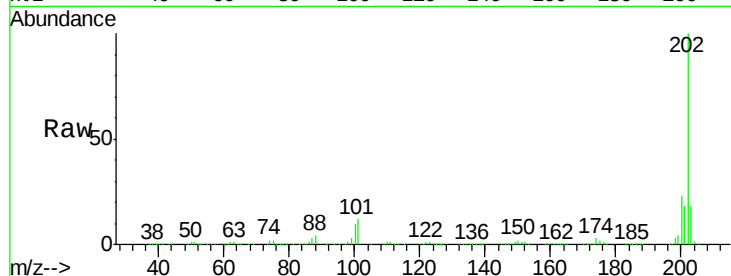




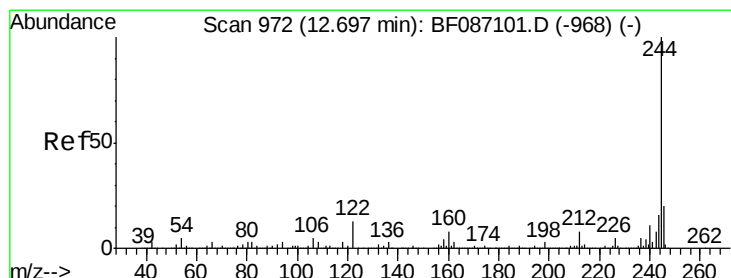
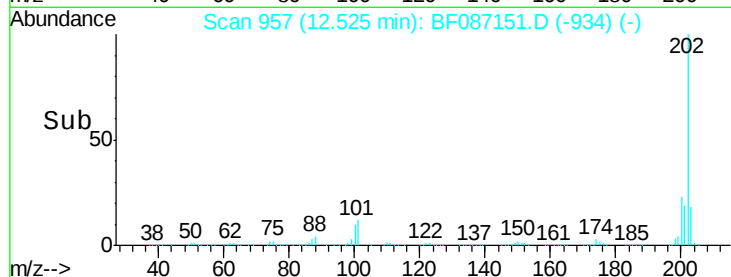
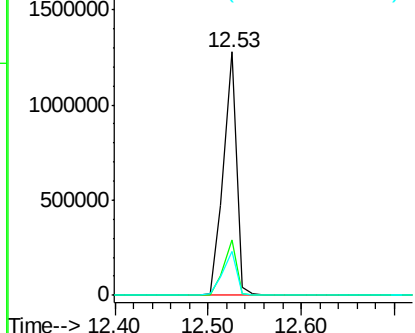
#77
 Pyrene
 Concen: 48.64 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tgt Ion:202 Resp: 1251702
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.7 26.5
 203 17.9 14.2 21.4

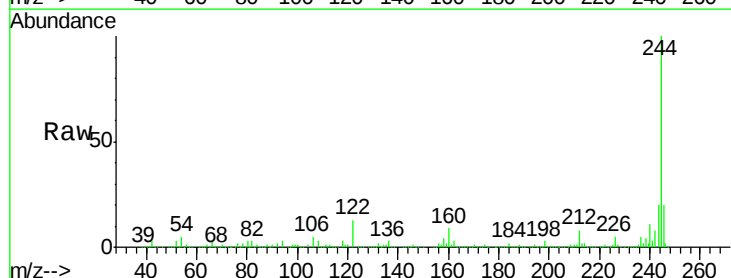


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

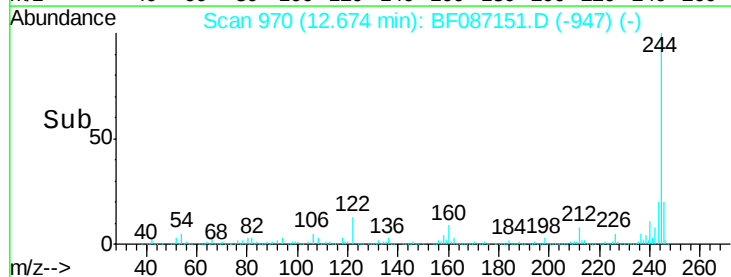
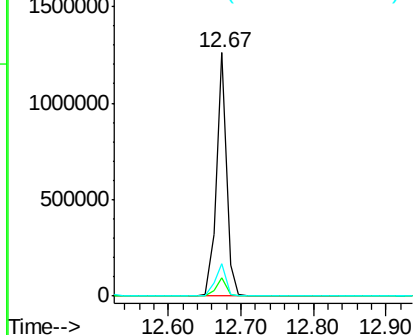


#78
 Terphenyl-d14
 Concen: 77.44 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:244 Resp: 1219355
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.5 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.96 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

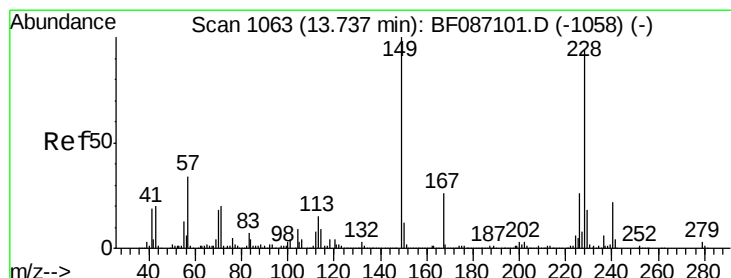
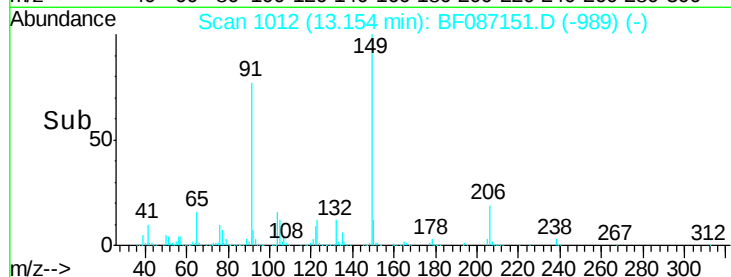
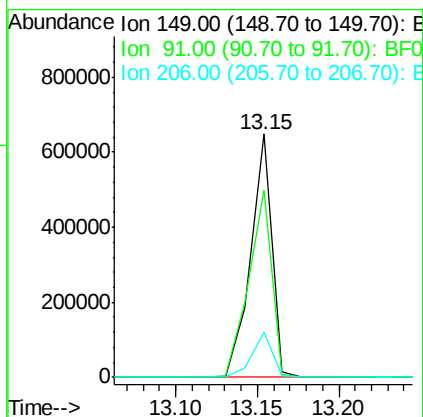
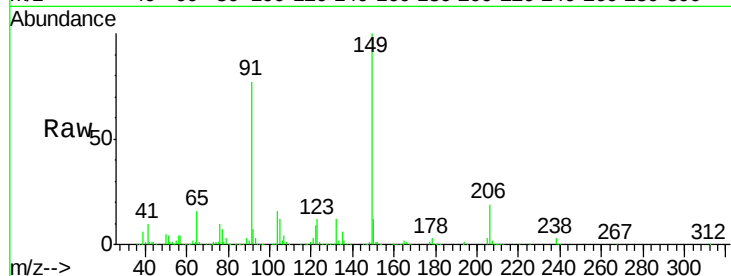
Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tgt Ion:	149	Resp:	586213
Ion Ratio	Lower	Upper	
149	100		
91	77.1	48.0	72.0#
206	18.8	15.8	23.6



#80

Benzo(a)anthracene

Concen: 44.90 ng

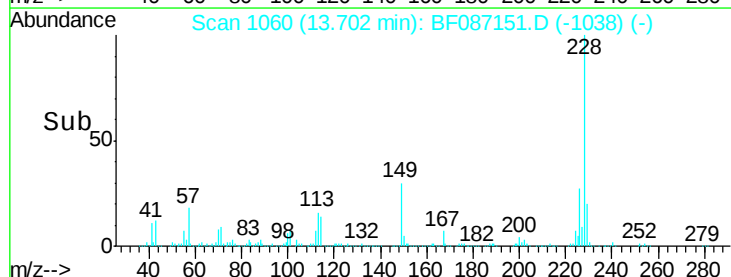
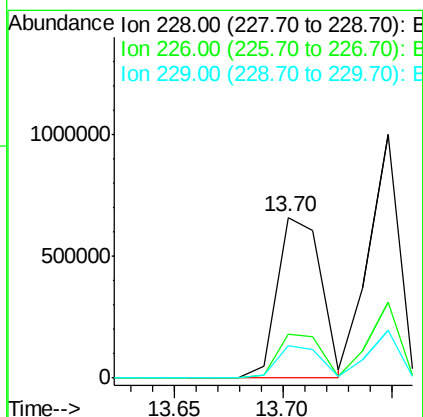
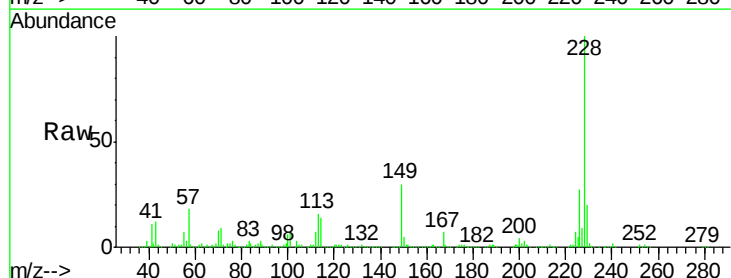
RT: 13.70 min Scan# 1060

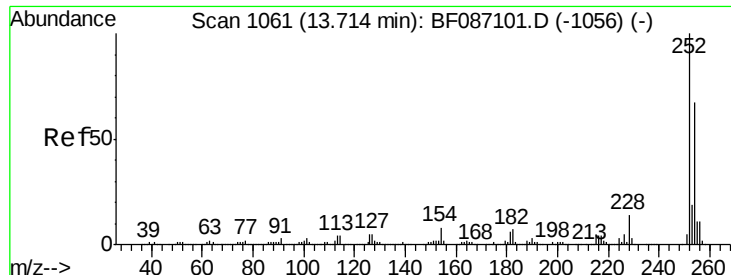
Delta R.T. -0.05 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	228	Resp:	924702
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.5	33.7
229	20.2	16.6	25.0

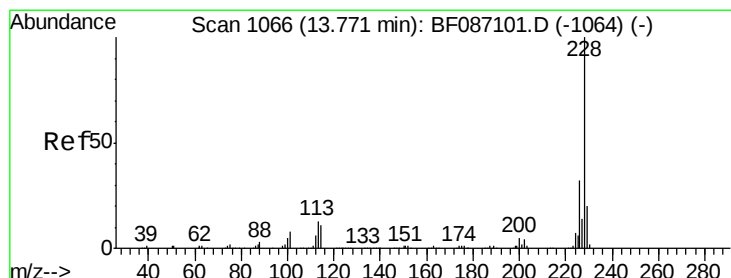
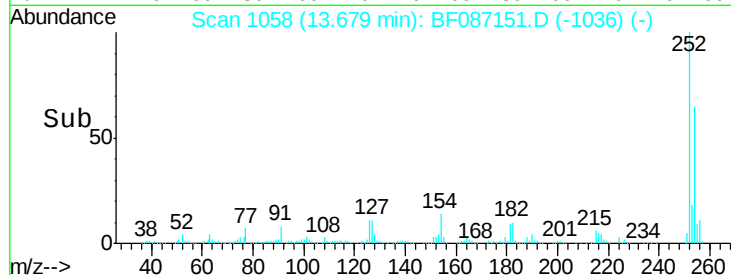
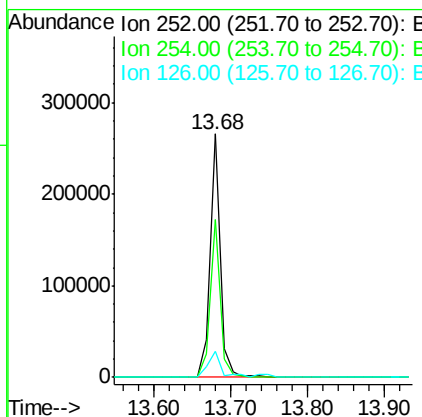
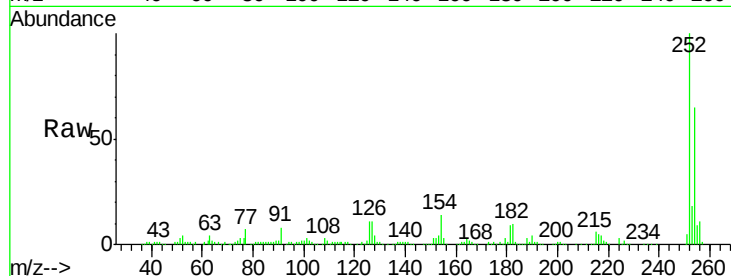




#81
 3,3'-Dichlorobenzidine
 Concen: 18.44 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

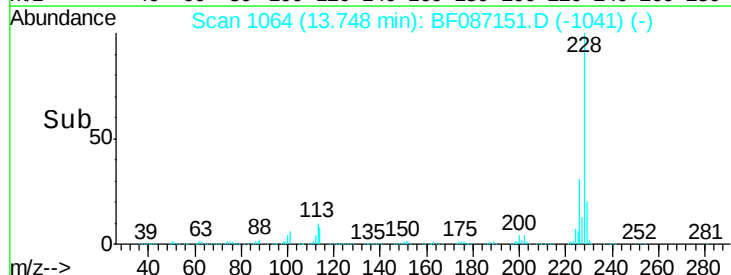
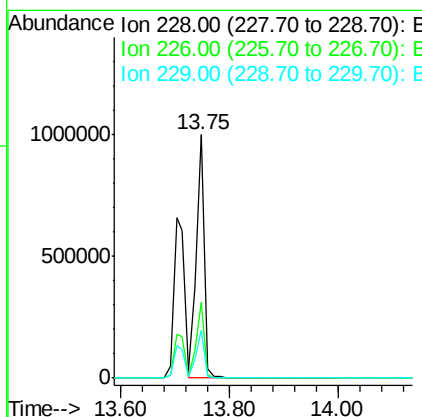
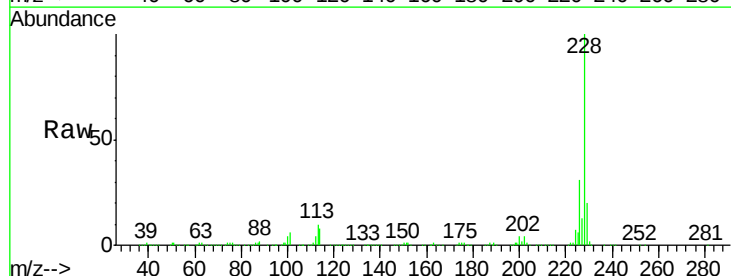
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

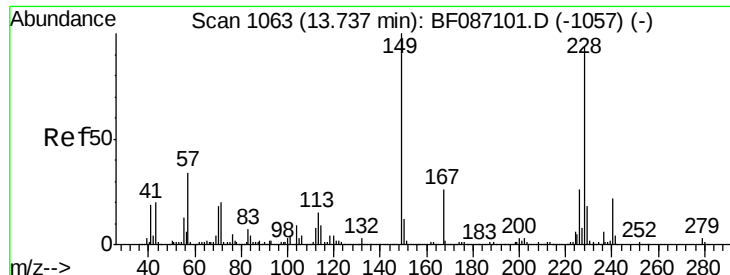
Tgt Ion: 252 Resp: 241657
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.7 76.1
 126 10.9 12.7 19.1#



#82
 Chrysene
 Concen: 49.71 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion: 228 Resp: 990524
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.70 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

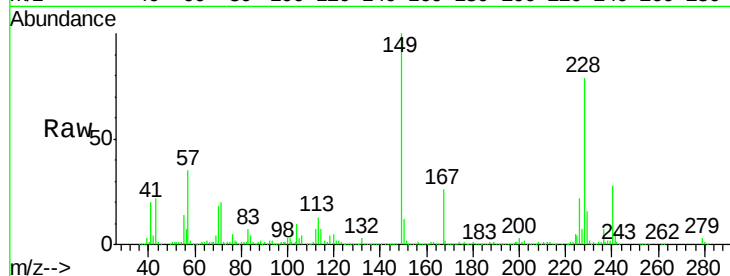
Tgt Ion:149 Resp: 709923

Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.6

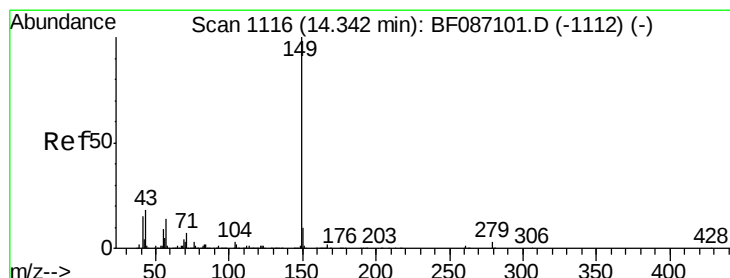
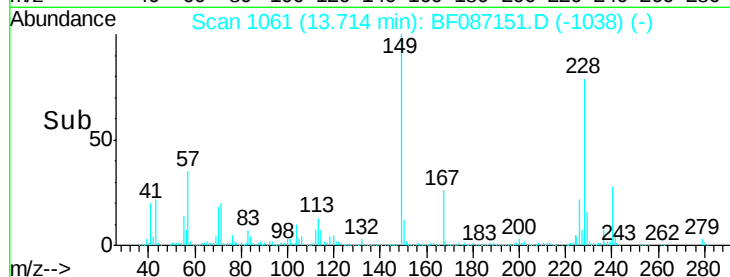
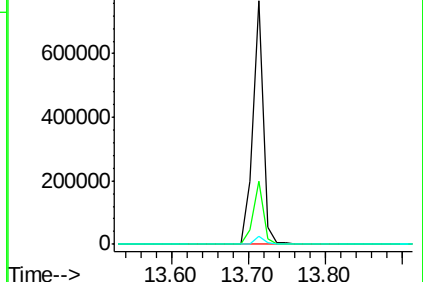
279 3.2 2.6 4.0



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: 51.07 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

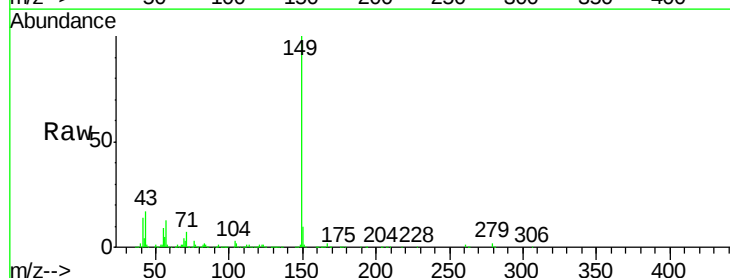
Tgt Ion:149 Resp: 1163083

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

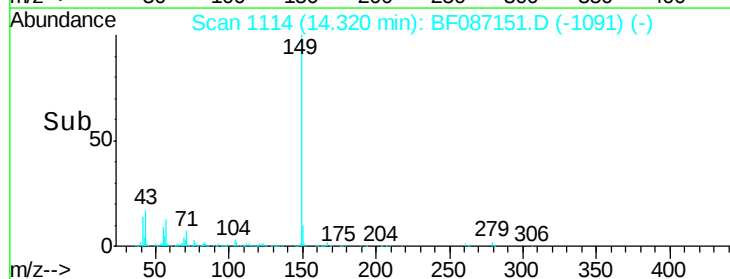
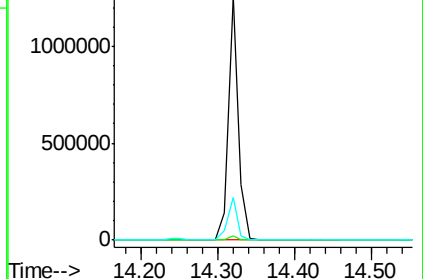
43 16.9 8.2 12.4#

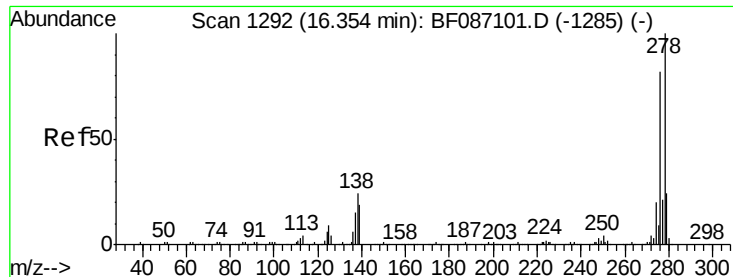


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

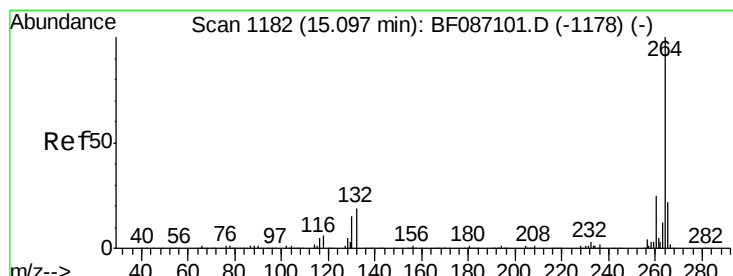
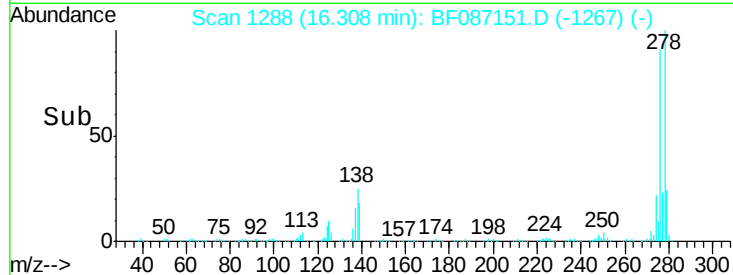
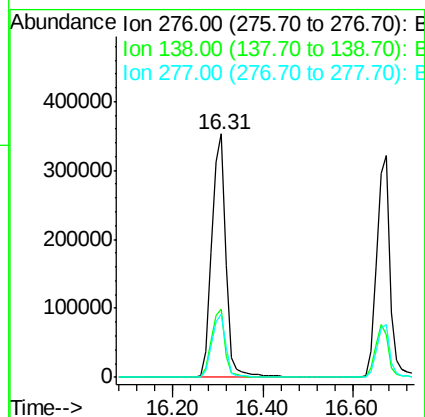
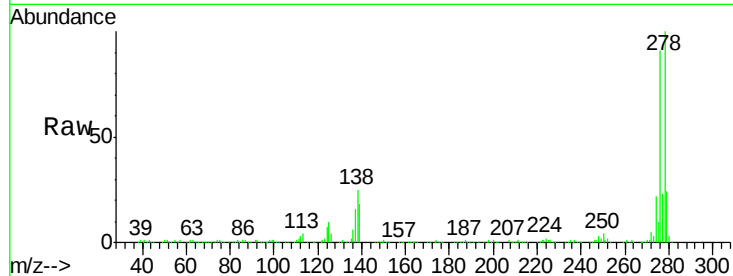




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.29 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

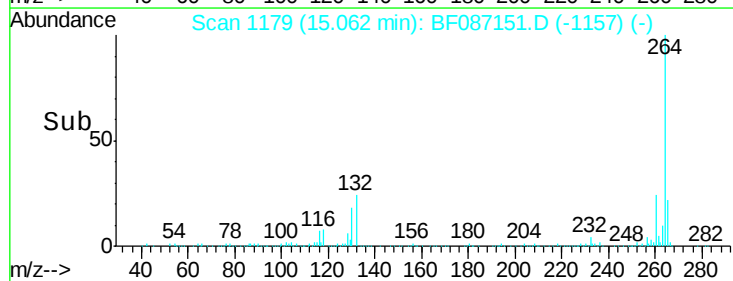
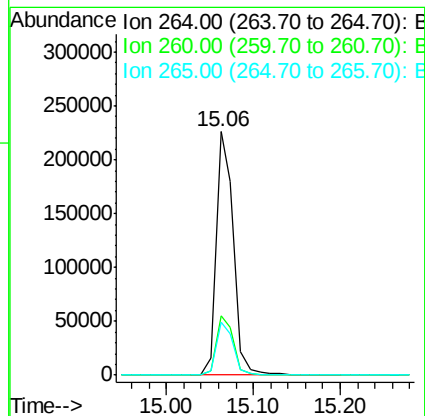
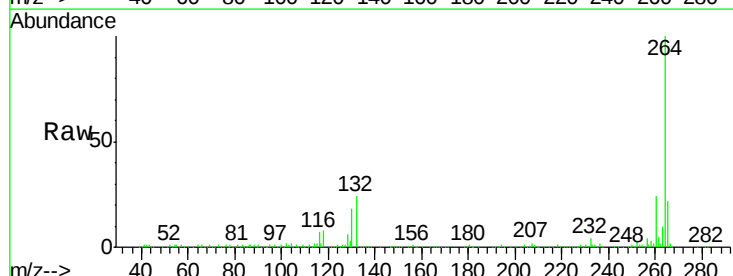
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

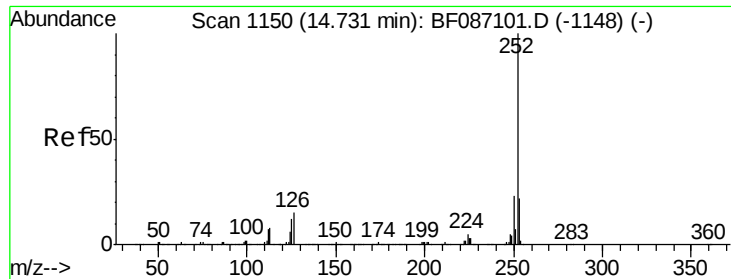
Tgt Ion:	276	Resp:	774686
Ion Ratio	Lower	Upper	
276	100		
138	27.1	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion:	264	Resp:	314551
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 76.39 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

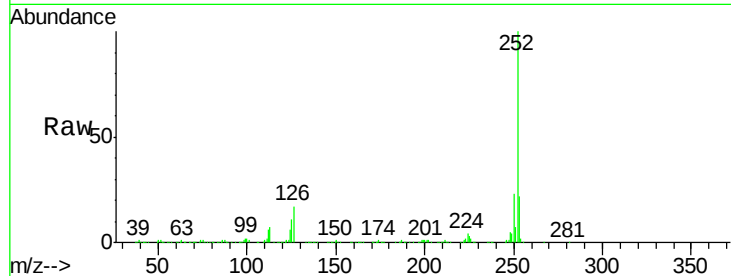
Tgt Ion:252 Resp: 1594037

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

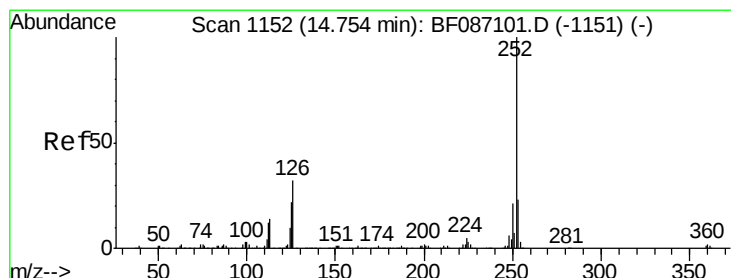
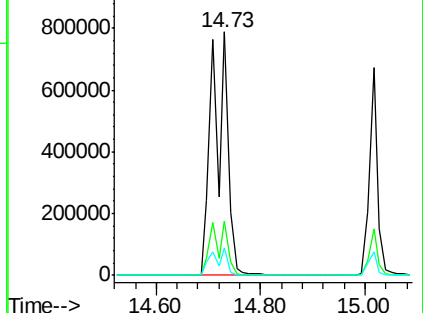
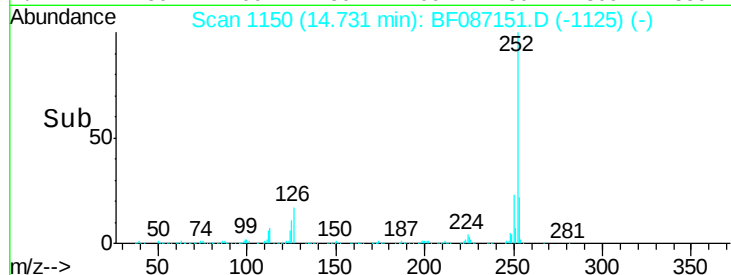
125 11.3 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 102.61 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

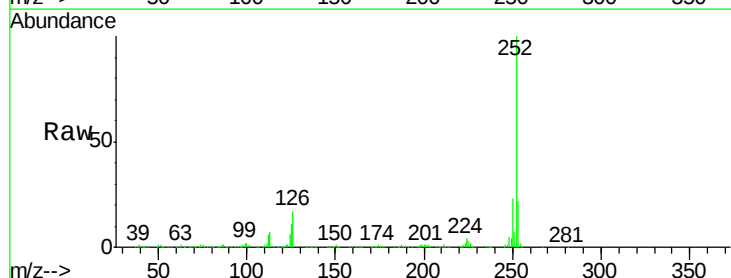
Tgt Ion:252 Resp: 1594037

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

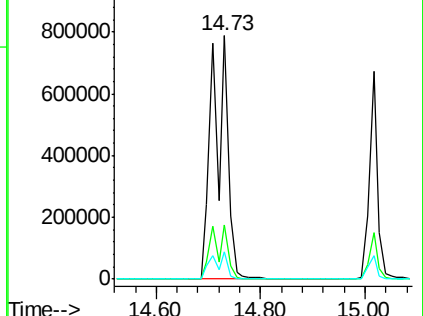
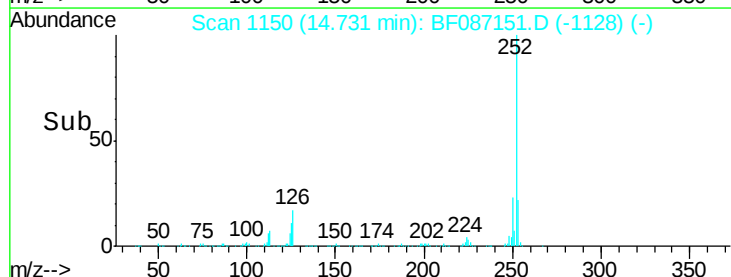
125 11.3 9.1 13.7

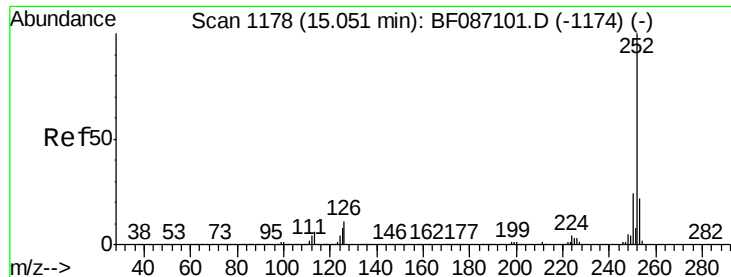


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.35 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.05 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

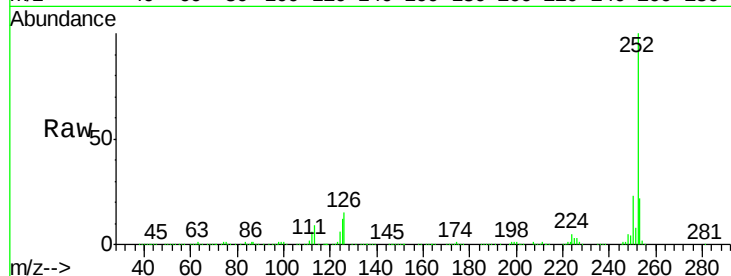
Tgt Ion:252 Resp: 738711

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

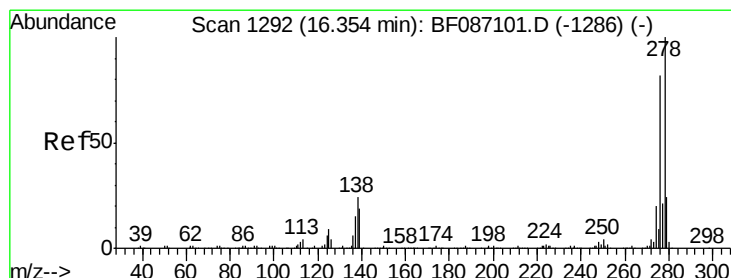
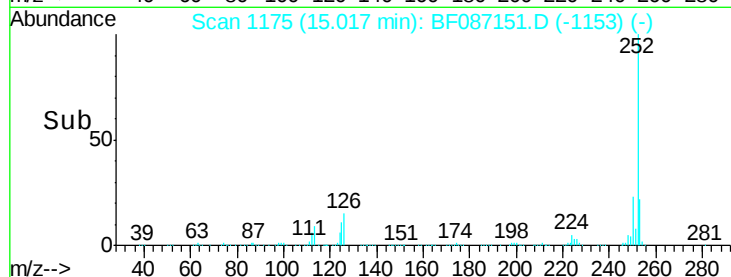
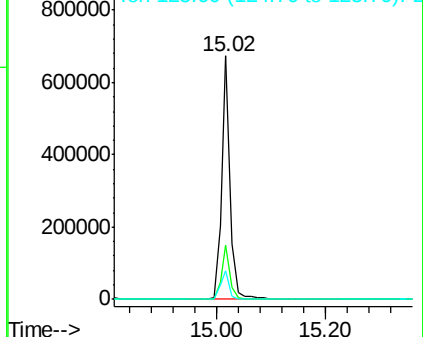
125 11.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.13 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.07 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

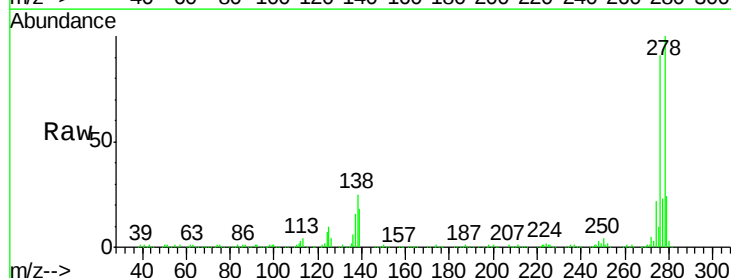
Tgt Ion:278 Resp: 648039

Ion Ratio Lower Upper

278 100

139 17.8 16.6 24.8

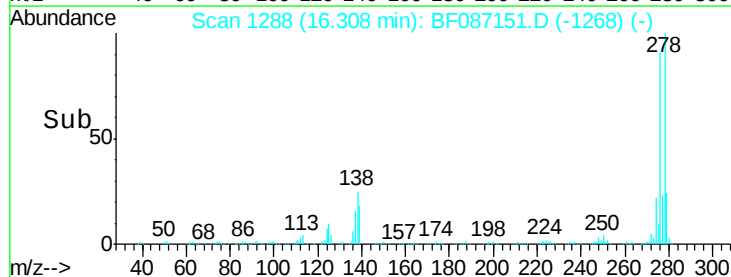
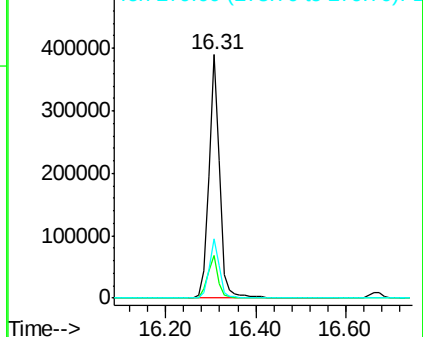
279 24.4 19.6 29.4

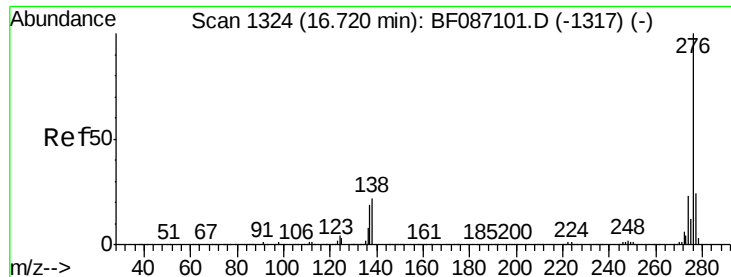


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.02 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.07 min

Lab File: BF087151.D

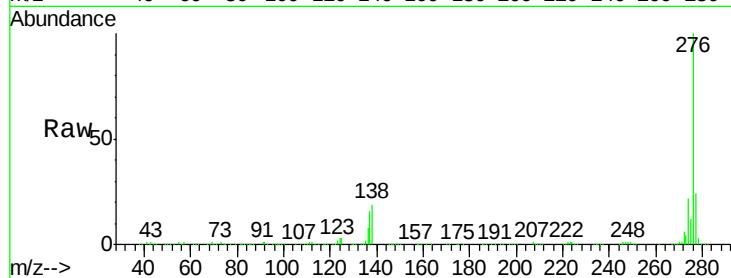
Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS



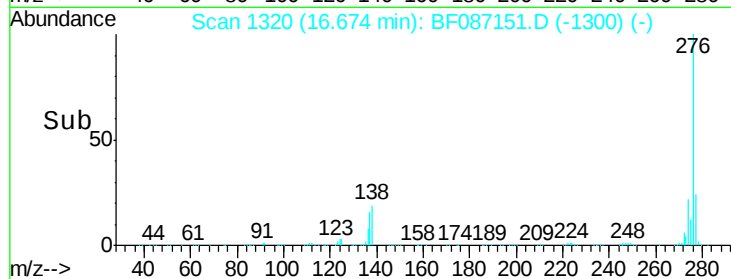
Tgt Ion: 276 Resp: 667757

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 19.1 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

