

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087152.D
 Acq On : 18 May 2016 19:18
 Operator : UM/SJ
 Sample : H3137-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Quant Time: May 19 03:51:21 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	140505	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	577417	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	276507	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	525120	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	352640	20.00	ng	-0.05
86) Perylene-d12	15.07	264	344788	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	1047910	125.36	ng	-0.02
7) Phenol-d6	6.25	99	1392909	124.24	ng	-0.03
23) Nitrobenzene-d5	7.15	82	970329	83.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	384379	125.80	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1256399	75.25	ng	-0.03
78) Terphenyl-d14	12.67	244	1236094	79.29	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	139602	32.46	ng	# 67
3) Pyridine	2.73	79	84808	8.15	ng	# 60
4) n-Nitrosodimethylamine	2.65	42	304666	41.33	ng	# 52
6) Aniline	6.25	93	332499	23.35	ng	# 78
8) 2-Chlorophenol	6.38	128	416295	40.93	ng	98
9) Benzaldehyde	6.12	77	130584	18.55	ng	99
10) Phenol	6.27	94	454124	32.22	ng	95
11) bis(2-Chloroethyl)ether	6.33	93	451751	42.69	ng	91
12) 1,3-Dichlorobenzene	6.75	146	369619	34.19	ng	99
13) 1,4-Dichlorobenzene	6.75	146	372593	33.68	ng	97
14) 1,2-Dichlorobenzene	6.75	146	375877	38.81	ng	97
15) Benzyl Alcohol	6.74	79	379589	45.48	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	822814	37.82	ng	71
17) 2-Methylphenol	6.88	107	324608	38.86	ng	# 79
18) Hexachloroethane	7.08	117	164823	38.98	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	348391	40.88	ng	# 71
20) 3+4-Methylphenols	7.03	107	453483	41.16	ng	# 61
22) Acetophenone	7.00	105	591786	41.88	ng	# 99
24) Nitrobenzene	7.18	77	475269	37.57	ng	97
25) Isophorone	7.42	82	849691	40.06	ng	99
26) 2-Nitrophenol	7.50	139	230125	43.91	ng	# 88
27) 2,4-Dimethylphenol	7.55	122	384653	43.01	ng	89
28) bis(2-Chloroethoxy)methane	7.63	93	480425	41.26	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	342789	43.50	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	373152	42.67	ng	98
31) Naphthalene	7.88	128	1150135	40.77	ng	99
32) Benzoic acid	7.70	122	121859	22.86	ng	# 81
33) 4-Chloroaniline	7.95	127	301663	25.73	ng	# 90
34) Hexachlorobutadiene	8.01	225	204388	41.19	ng	99
35) Caprolactam	8.34	113	60590	23.09	ng	# 63
36) 4-Chloro-3-methylphenol	8.47	107	389623	40.99	ng	97
37) 2-Methylnaphthalene	8.58	142	754020	41.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	327499	40.55	ng	99
40) Hexachlorocyclopentadiene	8.73	237	222578	72.22	ng	96

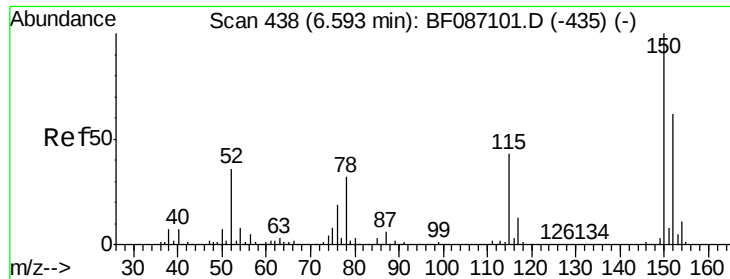
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	211401	40.36	ng	91
43) 2,4,5-Trichlorophenol	8.92	196	221186	40.65	ng	94
45) 1,1'-Biphenyl	9.05	154	981615	42.81	ng	99
46) 2-Chloronaphthalene	9.07	162	720675	40.94	ng	99
47) 2-Nitroaniline	9.18	65	273257	40.51	ng	# 72
48) Acenaphthylene	9.48	152	1089116	40.52	ng	99
49) Dimethylphthalate	9.36	163	1035647	49.10	ng	99
50) 2,6-Dinitrotoluene	9.43	165	207787	45.37	ng	91
51) Acenaphthene	9.64	154	654848	39.00	ng	98
52) 3-Nitroaniline	9.60	138	156346	31.53	ng	94
53) 2,4-Dinitrophenol	9.71	184	175618	67.69	ng	87
54) Dibenzofuran	9.83	168	983395	45.29	ng	100
55) 4-Nitrophenol	9.83	139	672206	128.47	ng	# 22
56) 2,4-Dinitrotoluene	9.83	165	220619	37.61	ng	# 67
57) Fluorene	10.16	166	697901	40.00	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	199906	47.17	ng	98
59) Diethylphthalate	10.06	149	822264	40.83	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	336146	40.65	ng	95
61) 4-Nitroaniline	10.22	138	200044	40.86	ng	86
62) Azobenzene	10.32	77	1010207	43.54	ng	88
64) 4,6-Dinitro-2-methylphenol	10.24	198	135315	39.13	ng	# 59
65) n-Nitrosodiphenylamine	10.28	169	678406	41.05	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	208979	38.70	ng	# 90
67) Hexachlorobenzene	10.71	284	248919	39.76	ng	# 83
68) Atrazine	10.82	200	243635	45.19	ng	96
69) Pentachlorophenol	10.91	266	217927	92.66	ng	98
70) Phenanthrene	11.12	178	1174370	41.23	ng	100
71) Anthracene	11.16	178	1103065	38.29	ng	100
72) Carbazole	11.34	167	1158069	44.01	ng	99
73) Di-n-butylphthalate	11.67	149	1265855	41.88	ng	# 99
74) Fluoranthene	12.30	202	1104649	38.71	ng	97
76) Benzidine	12.43	184	30594	3.25	ng	97
77) Pyrene	12.52	202	1211484	47.56	ng	100
79) Butylbenzylphthalate	13.15	149	550968	51.23	ng	# 82
80) Benzo(a)anthracene	13.70	228	856666	42.01	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	230417	17.76	ng	# 97
82) Chrysene	13.75	228	933532	47.32	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	667870	51.03	ng	98
84) Di-n-octyl phthalate	14.32	149	1089965	48.34	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.31	276	837167	48.35	ng	95
87) Benzo(b)fluoranthene	14.73	252	1551657	67.84	ng	98
88) Benzo(k)fluoranthene	14.73	252	1551657	91.12	ng	100
89) Benzo(a)pyrene	15.02	252	744787	38.95	ng	98
90) Dibenzo(a,h)anthracene	16.31	278	699754	43.47	ng	98
91) Benzo(g,h,i)perylene	16.67	276	715317	44.00	ng	# 92

(#) = 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

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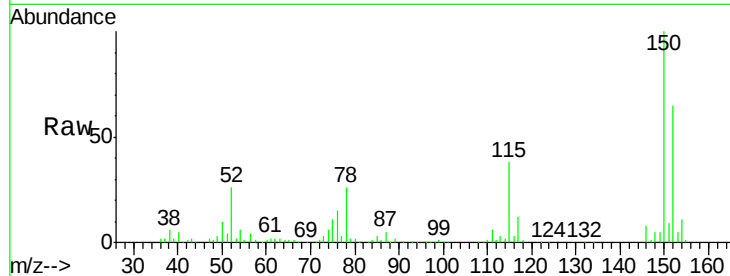
Tgt Ion: 152 Resp: 140505

Ion Ratio Lower Upper

152 100

150 153.1 125.8 188.6

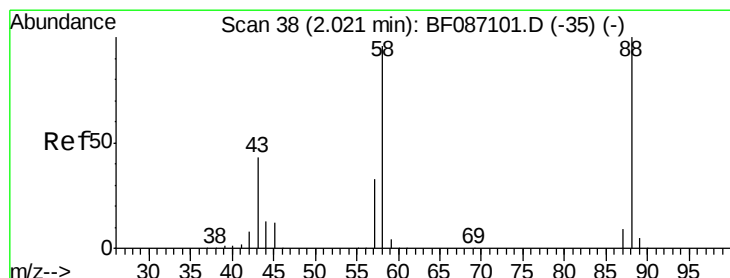
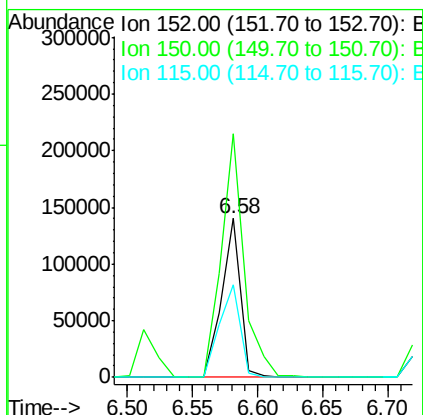
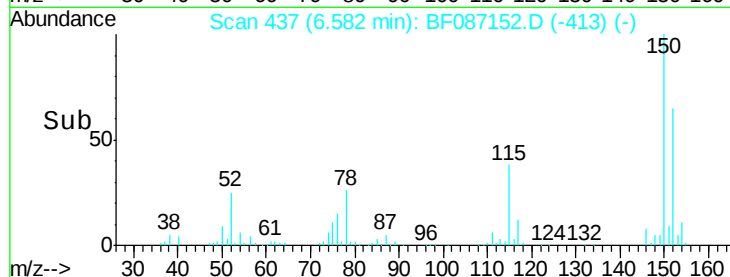
115 58.4 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.46 ng

RT: 2.06 min Scan# 41

Delta R.T. -0.00 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

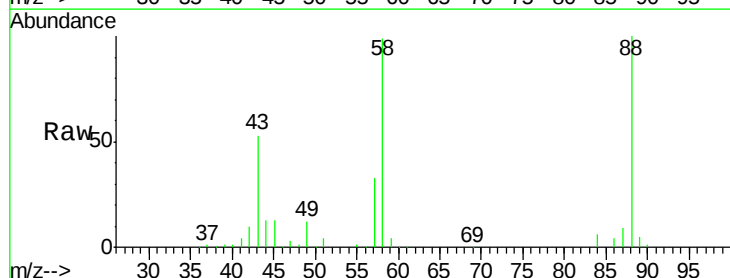
Tgt Ion: 88 Resp: 139602

Ion Ratio Lower Upper

88 100

58 97.9 59.6 89.4#

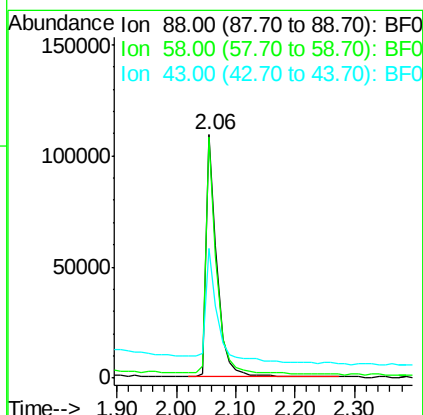
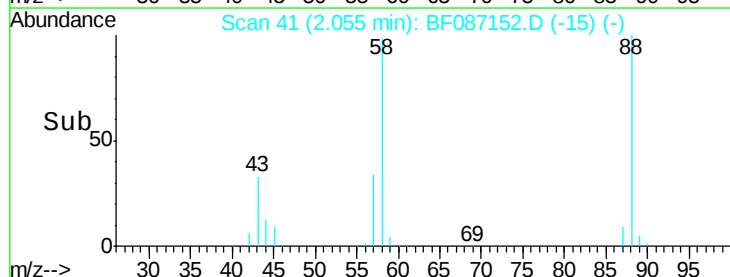
43 52.2 21.8 32.6#

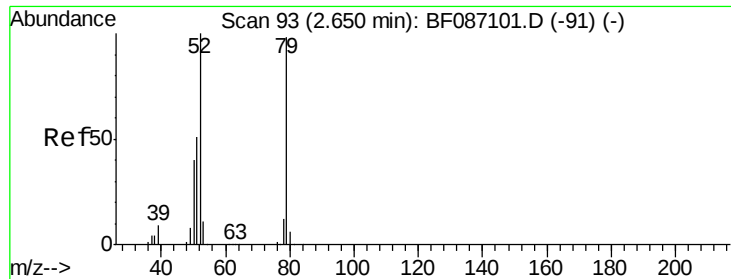


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 8.15 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

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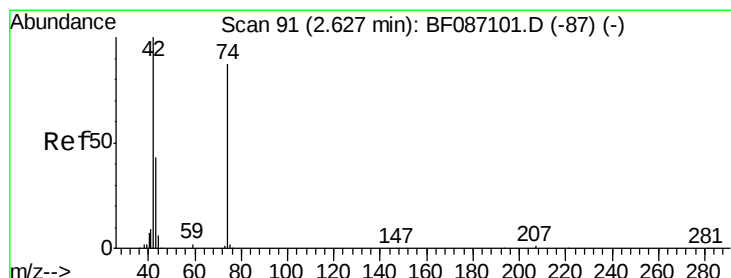
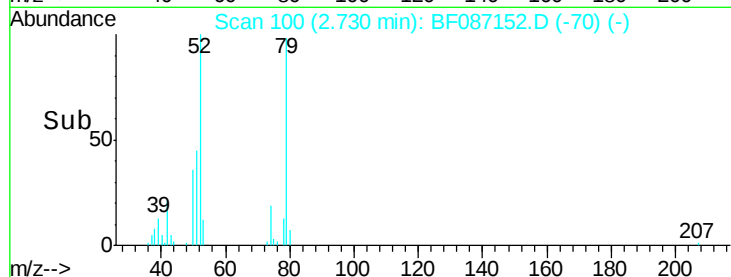
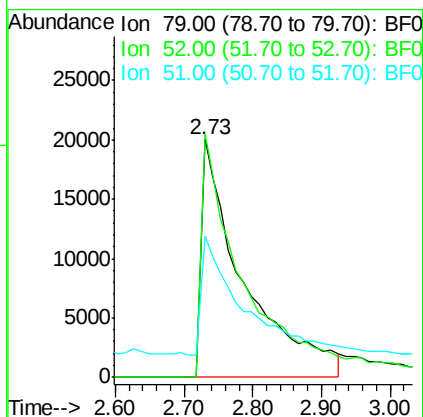
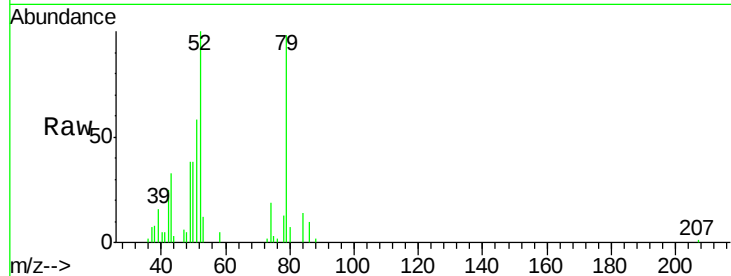
Tgt Ion: 79 Resp: 84808

Ion Ratio Lower Upper

79 100

52 102.3 55.9 83.9#

51 59.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 41.33 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

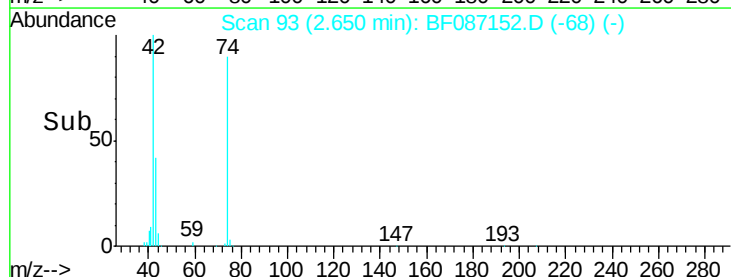
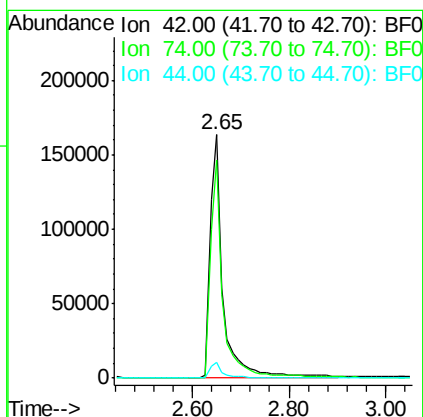
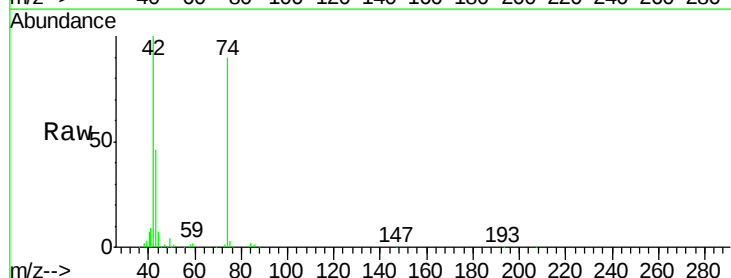
Tgt Ion: 42 Resp: 304666

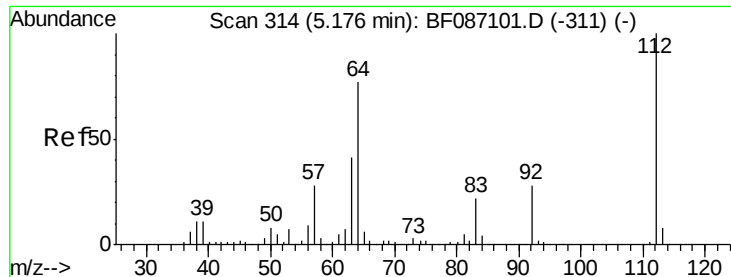
Ion Ratio Lower Upper

42 100

74 89.5 123.4 185.0#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 125.36 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087152.D

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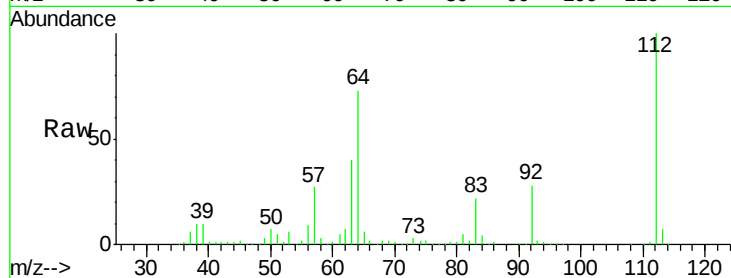
Tgt Ion: 112 Resp: 1047910

Ion Ratio Lower Upper

112 100

64 73.5 52.1 78.1

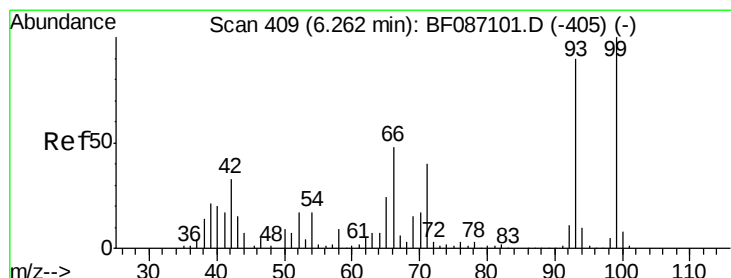
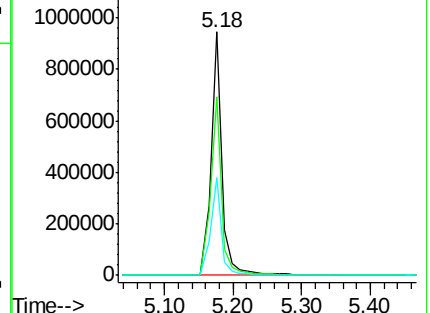
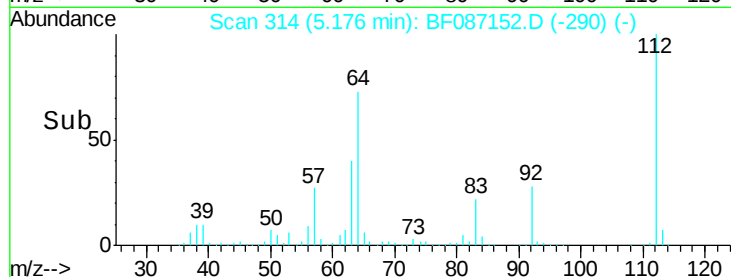
63 40.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.35 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

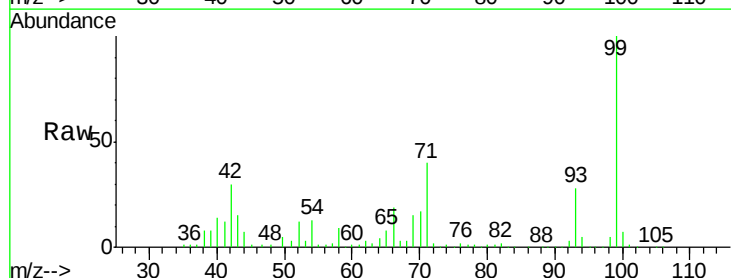
Tgt Ion: 93 Resp: 332499

Ion Ratio Lower Upper

93 100

66 68.8 39.0 58.6#

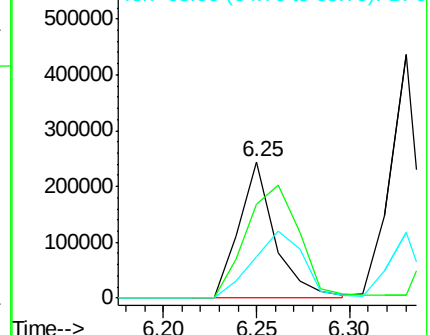
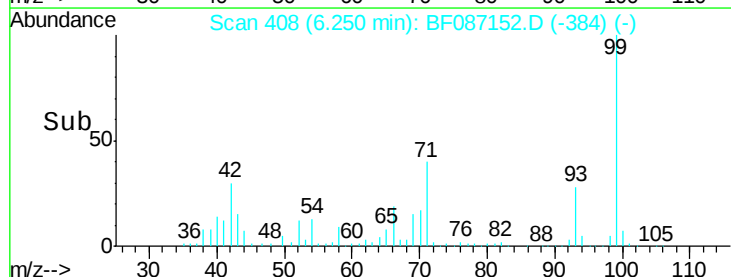
65 30.0 20.6 31.0

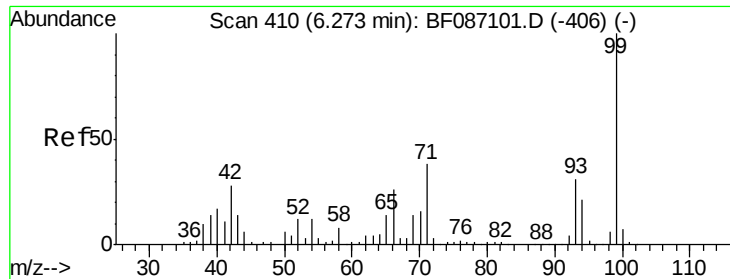


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.24 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087152.D

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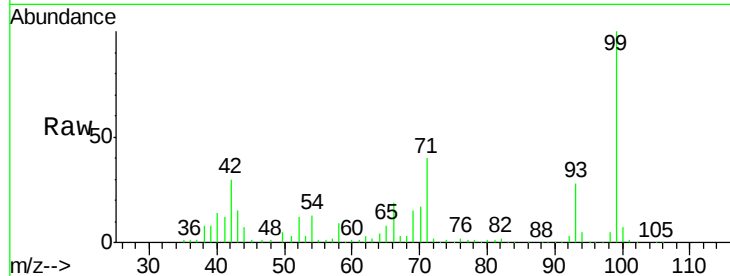
Tgt Ion: 99 Resp: 1392909

Ion Ratio Lower Upper

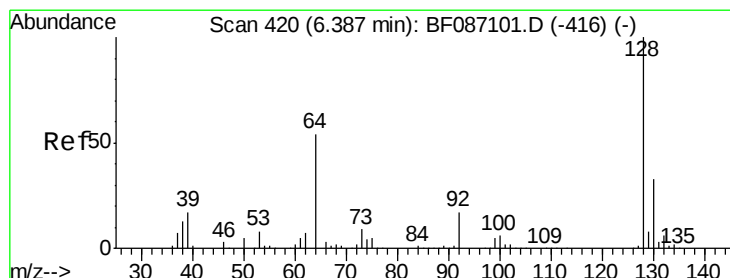
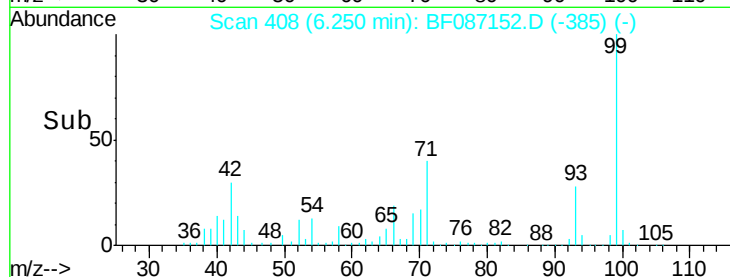
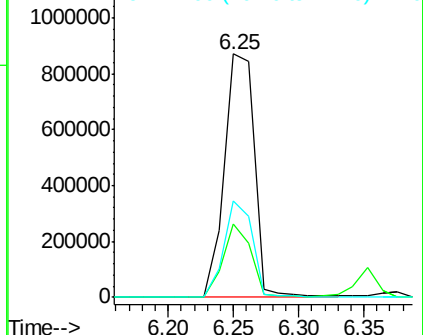
99 100

42 30.3 13.6 20.4#

71 39.7 24.6 36.8#



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



#8

2-Chlorophenol

Concen: 40.93 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

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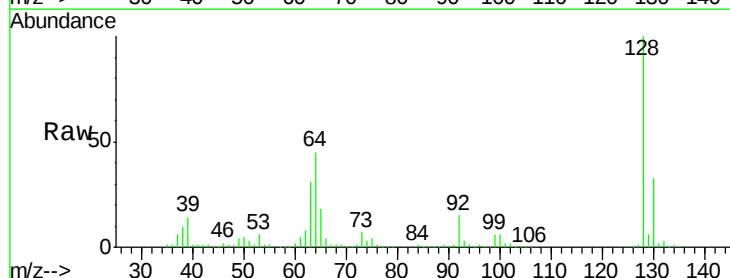
Tgt Ion: 128 Resp: 416295

Ion Ratio Lower Upper

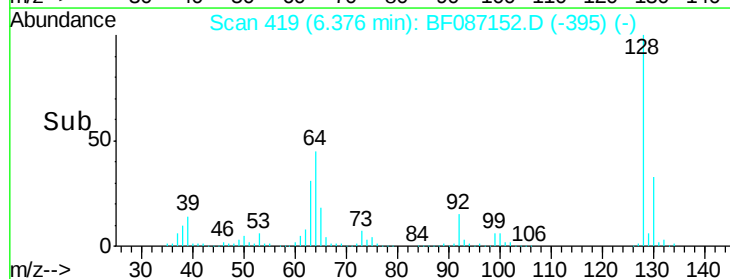
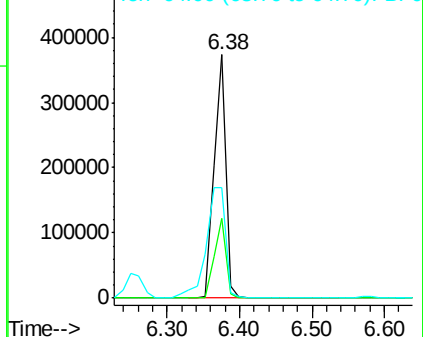
128 100

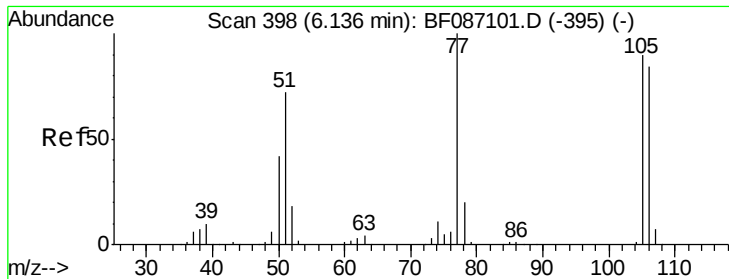
130 32.9 12.5 52.5

64 45.4 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: 18.55 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF087152.D

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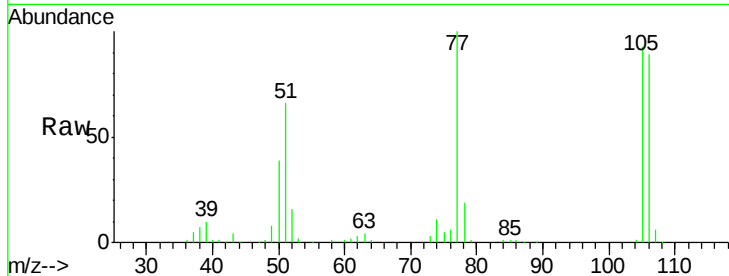
Tgt Ion: 77 Resp: 130584

Ion Ratio Lower Upper

77 100

105 93.3 72.7 112.7

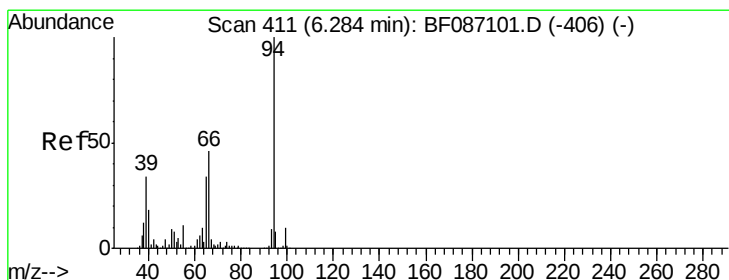
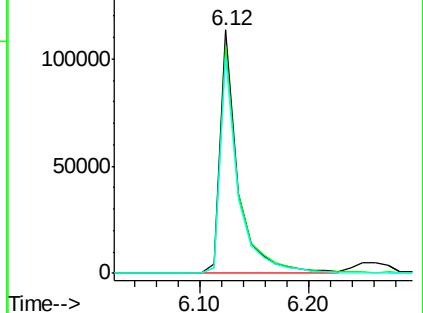
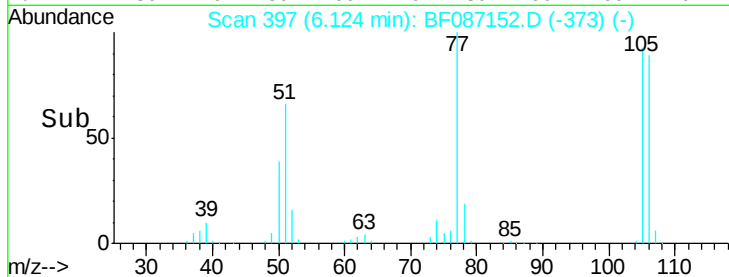
106 89.2 70.8 110.8



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: 32.22 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

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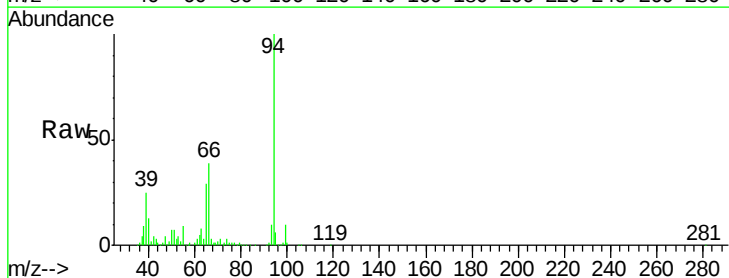
Tgt Ion: 94 Resp: 454124

Ion Ratio Lower Upper

94 100

65 28.8 7.2 47.2

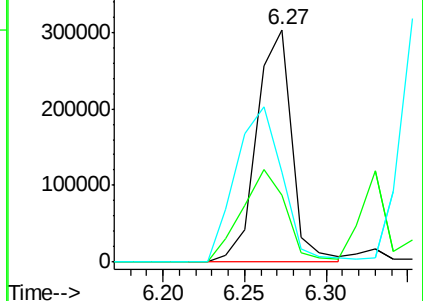
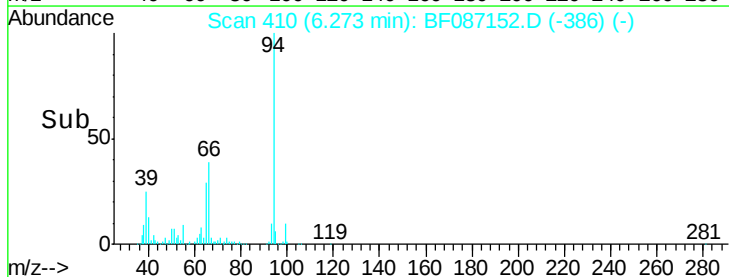
66 38.9 14.9 54.9

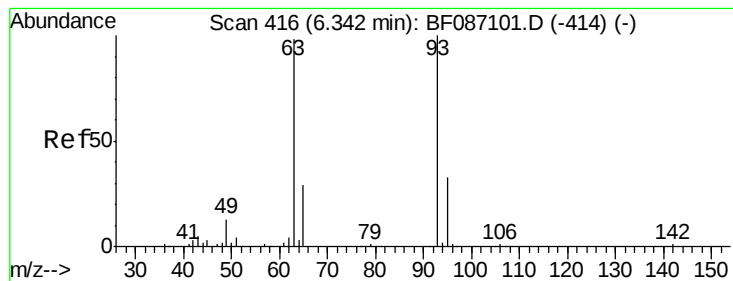


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.69 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

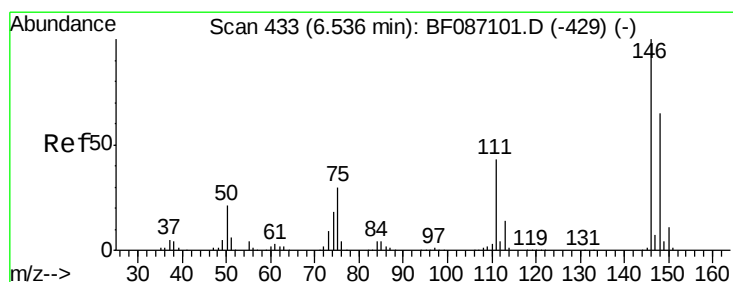
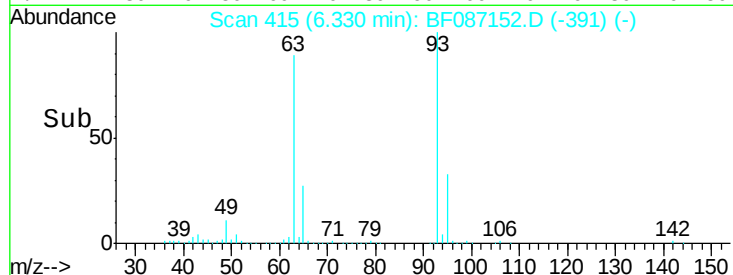
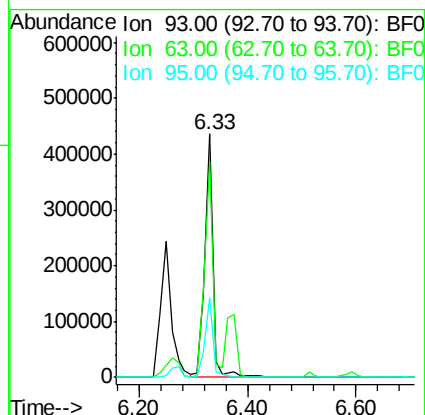
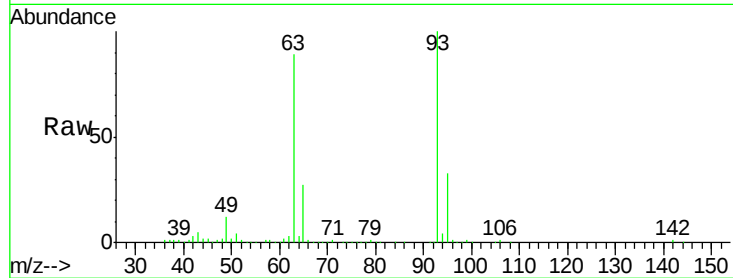
Tgt Ion: 93 Resp: 451751

Ion Ratio Lower Upper

93 100

63 88.7 58.0 98.0

95 33.0 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 34.19 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.21 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

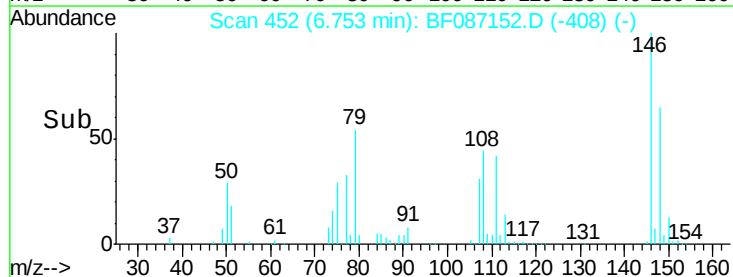
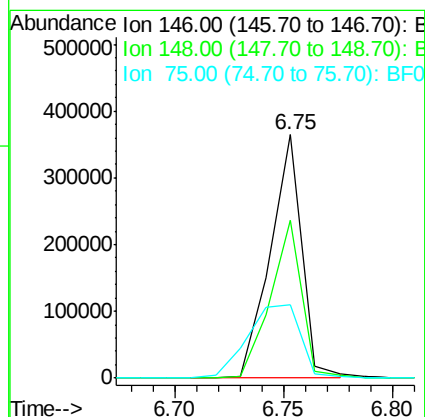
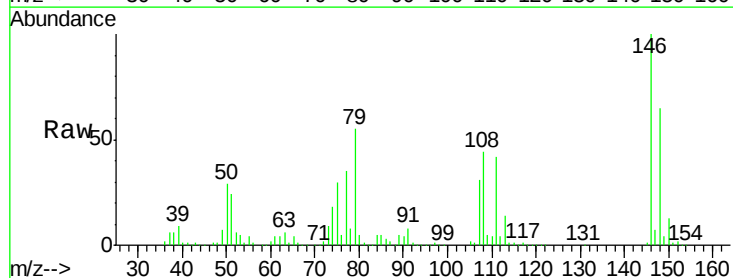
Tgt Ion: 146 Resp: 369619

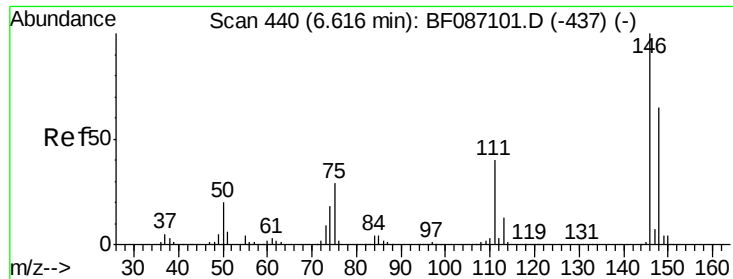
Ion Ratio Lower Upper

146 100

148 64.9 52.4 78.6

75 30.0 22.8 34.2

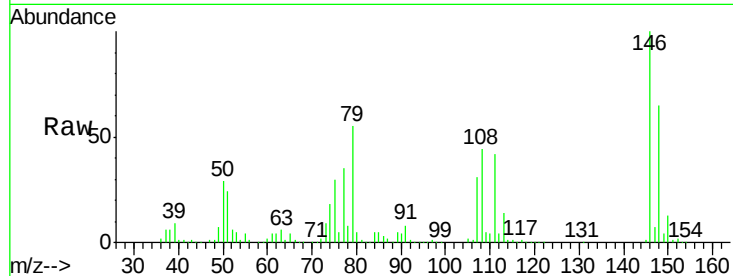




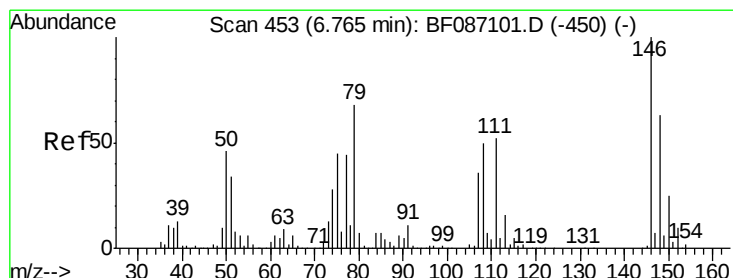
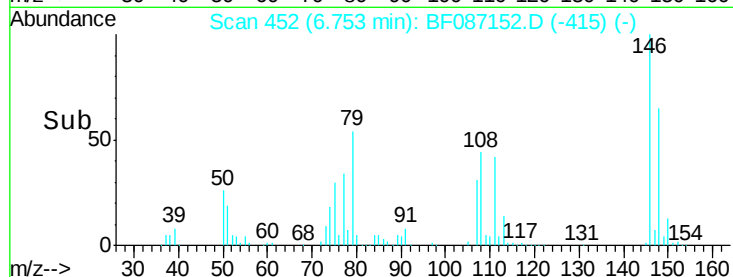
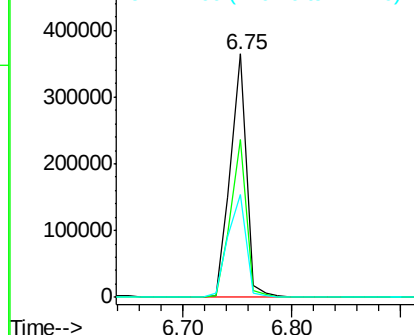
#13
 1,4-Dichlorobenzene
 Concen: 33.68 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.13 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion:146 Resp: 372593
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 42.3 30.7 46.1

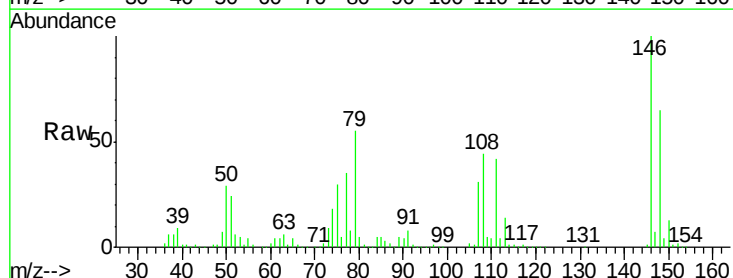


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

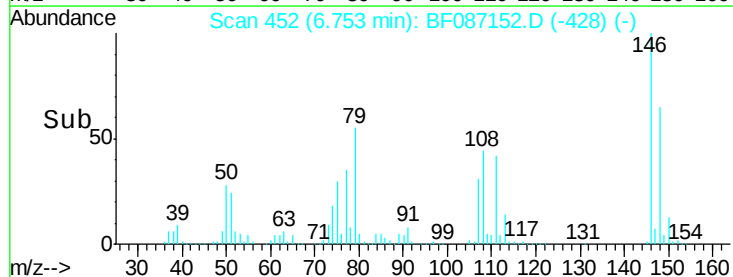
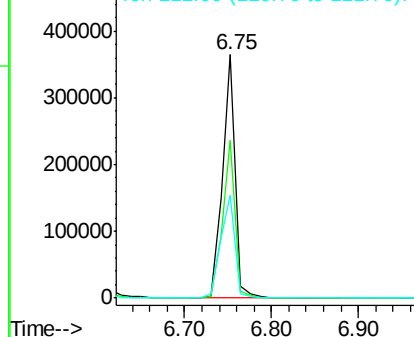


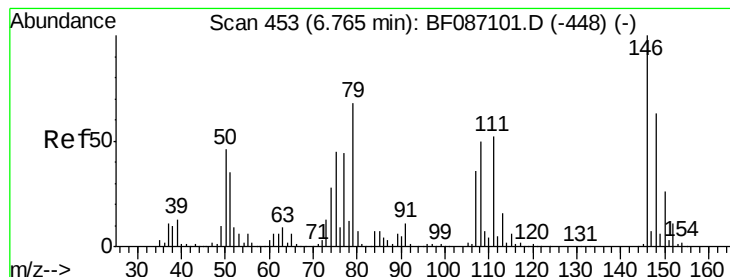
#14
 1,2-Dichlorobenzene
 Concen: 38.81 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:146 Resp: 375877
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 42.3 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 45.48 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

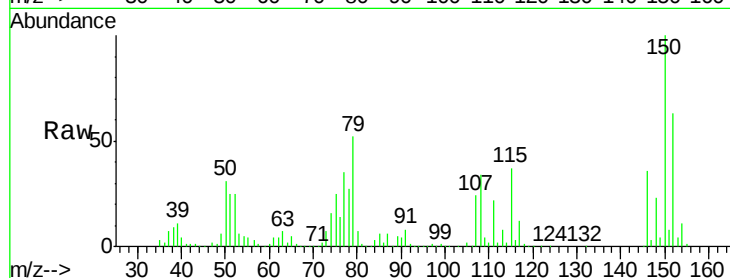
Tgt Ion: 79 Resp: 379589

Ion Ratio Lower Upper

79 100

108 65.8 68.4 102.6#

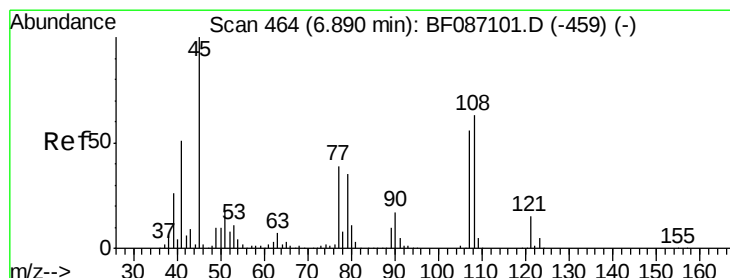
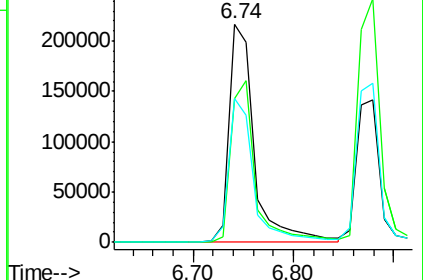
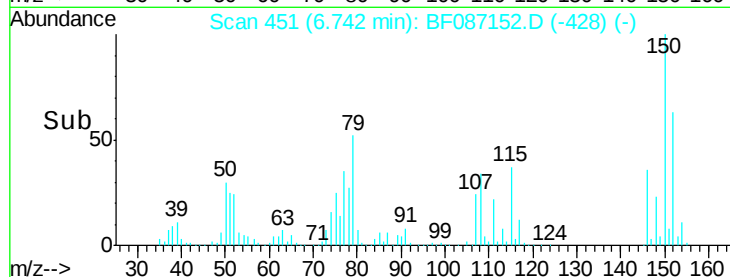
77 66.2 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.82 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

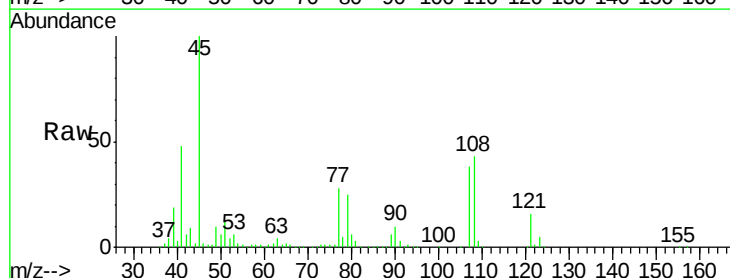
Tgt Ion: 45 Resp: 822814

Ion Ratio Lower Upper

45 100

77 28.2 0.0 36.4

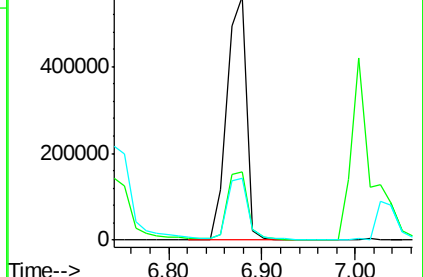
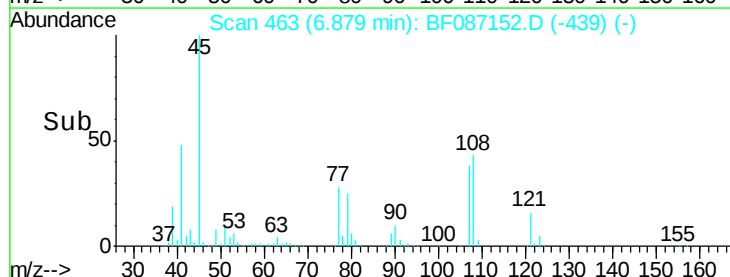
79 25.3 0.0 33.4

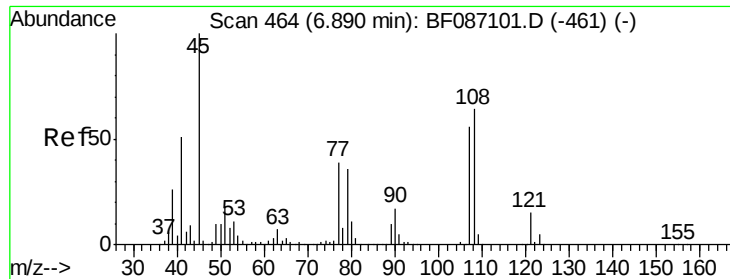


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

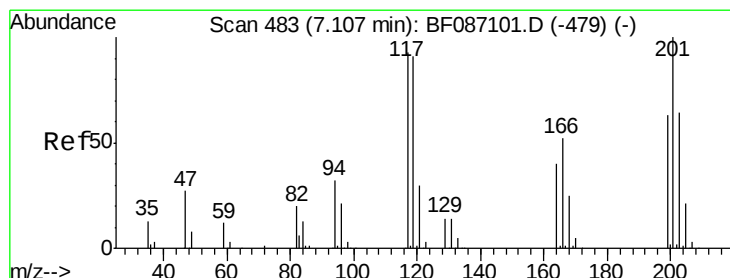
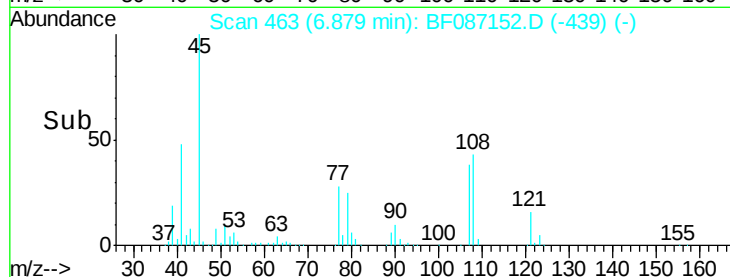
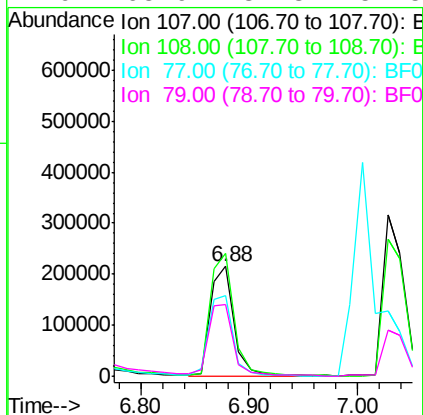
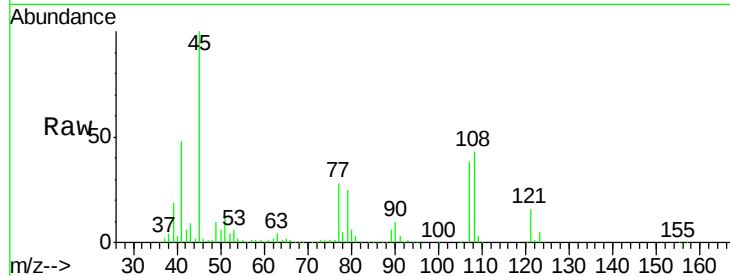




#17
2-Methylphenol
Concen: 38.86 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

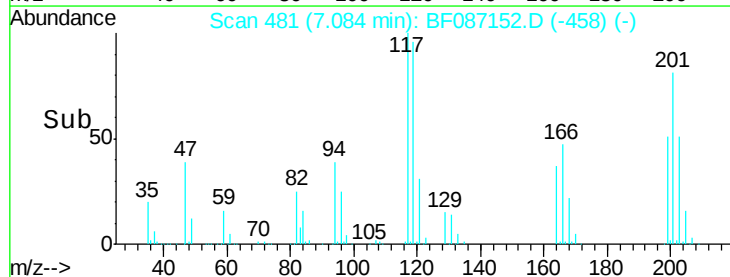
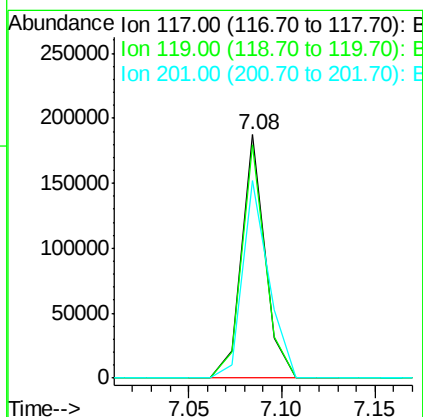
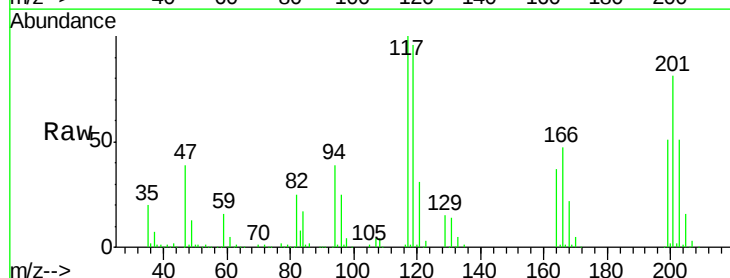
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

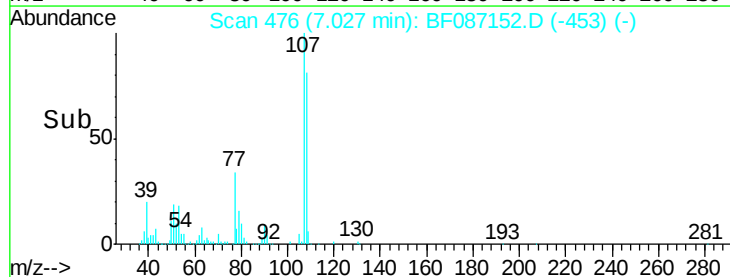
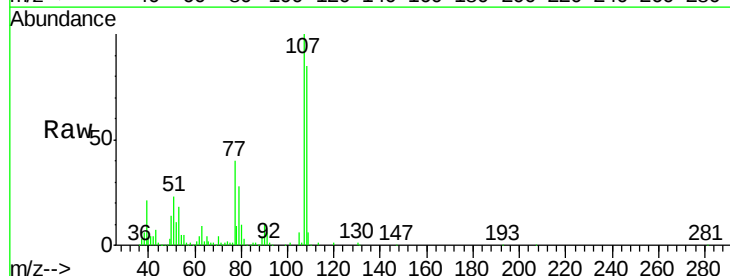
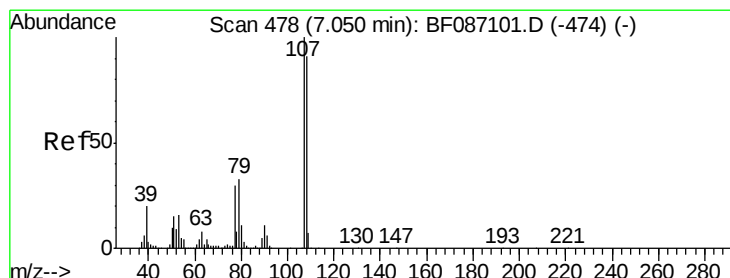
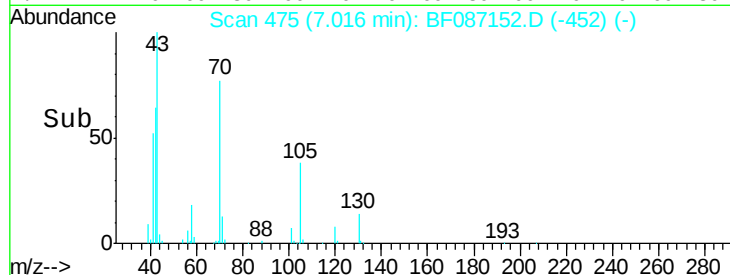
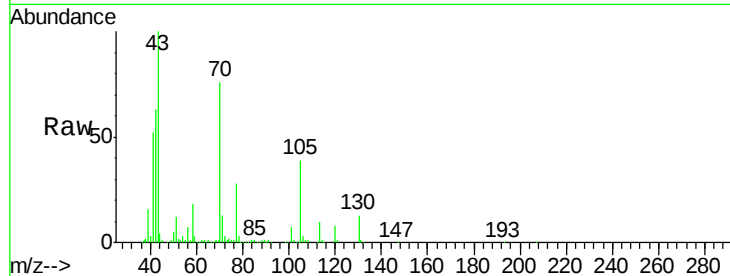
Tgt Ion:107 Resp: 324608
Ion Ratio Lower Upper
107 100
108 112.6 93.7 140.5
77 73.7 33.4 50.0#
79 65.9 34.3 51.5#



#18
Hexachloroethane
Concen: 38.98 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:117 Resp: 164823
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
201 81.2 63.0 94.6

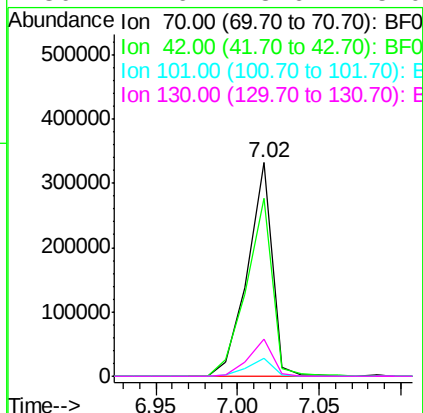




#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

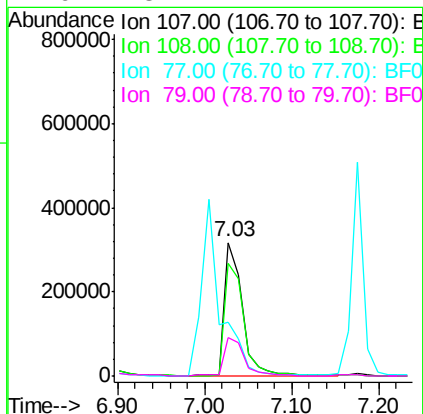
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

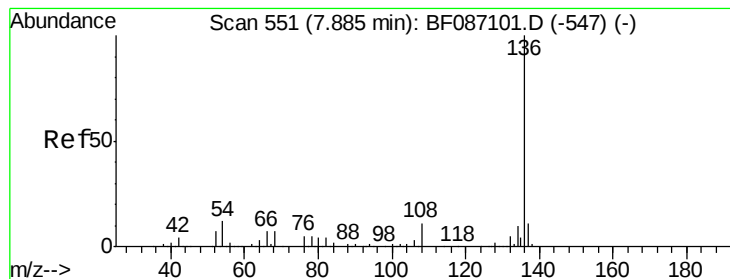
Tgt Ion	Ratio	Lower	Upper
70	100		
42	83.3	43.1	64.7#
101	8.6	8.1	12.1
130	17.6	18.6	28.0#



#20
3+4-Methylphenols
Concen: 41.16 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.5	108.5
77	40.3	101.6	141.6#
79	28.4	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

Tgt Ion:136 Resp: 577417

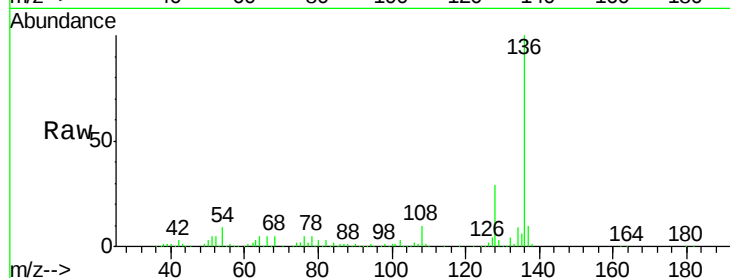
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.5 5.0 7.4#

68 4.7 4.4 6.6

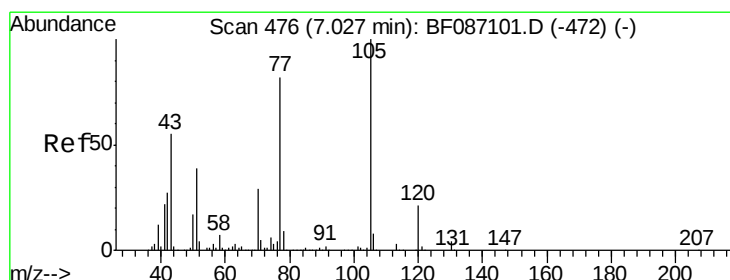
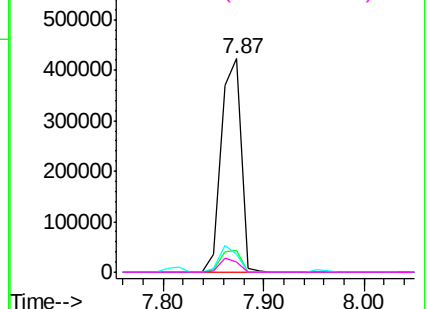
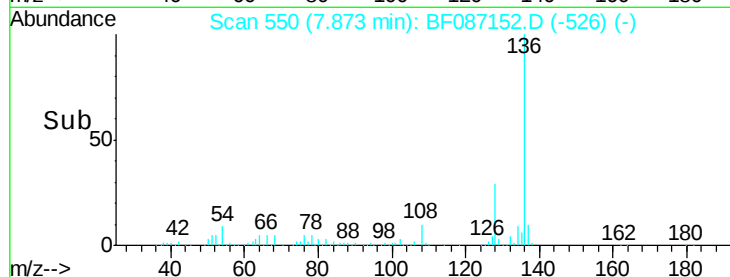


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.88 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:105 Resp: 591786

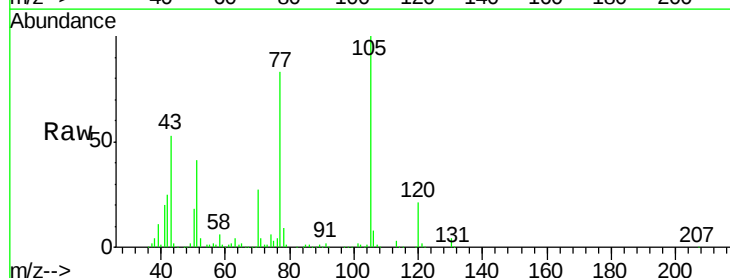
Ion Ratio Lower Upper

105 100

71 4.5 4.8 7.2#

51 41.1 32.6 49.0

120 20.9 16.5 24.7

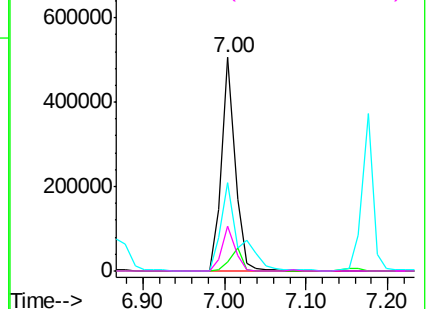
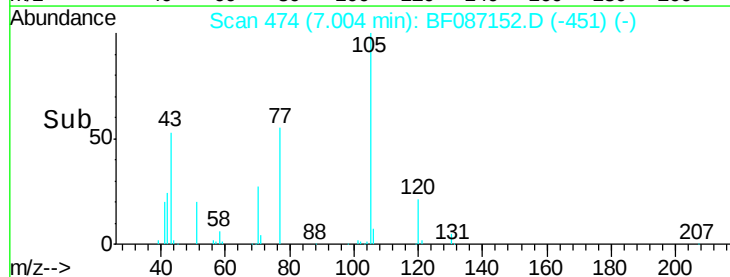


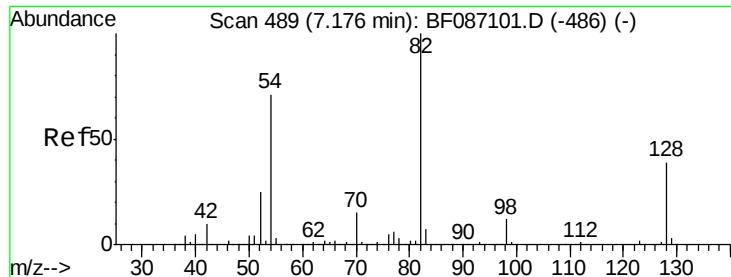
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

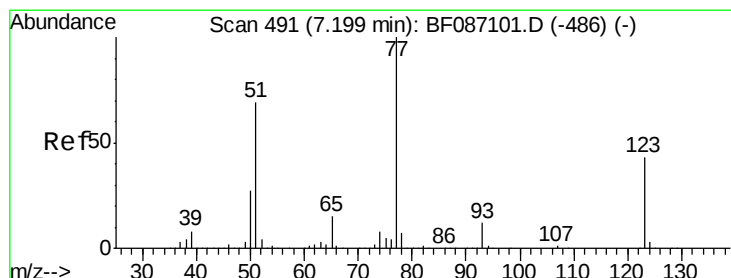
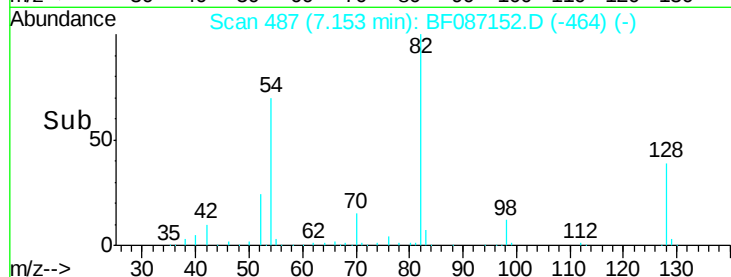
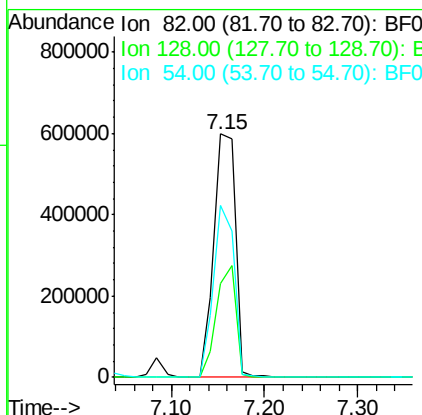
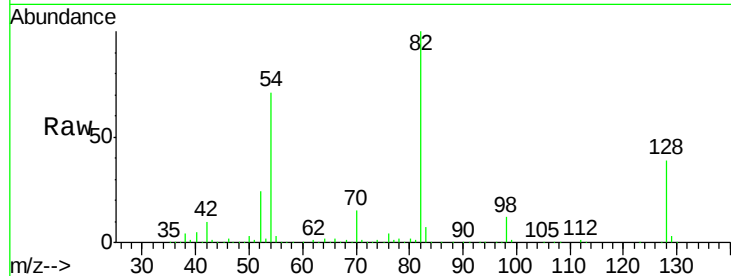




#23
 Nitrobenzene-d5
 Concen: 83.75 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

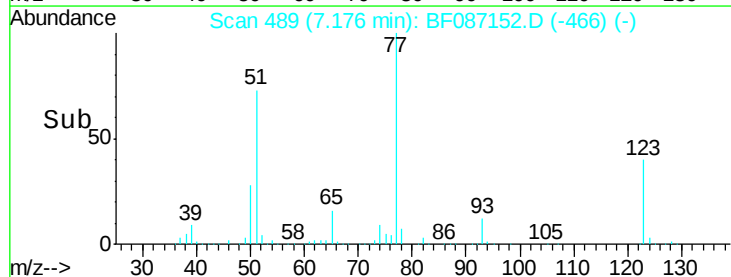
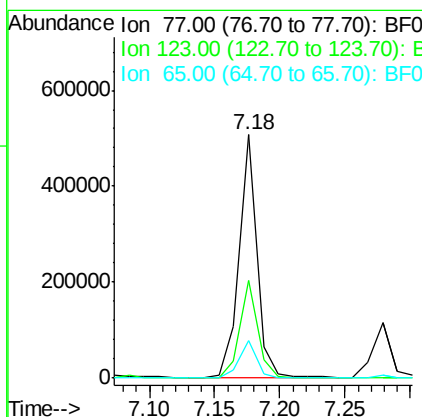
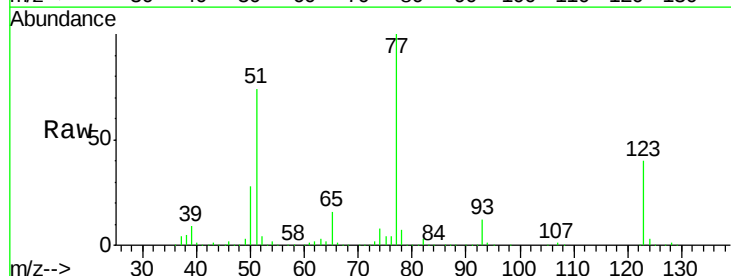
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

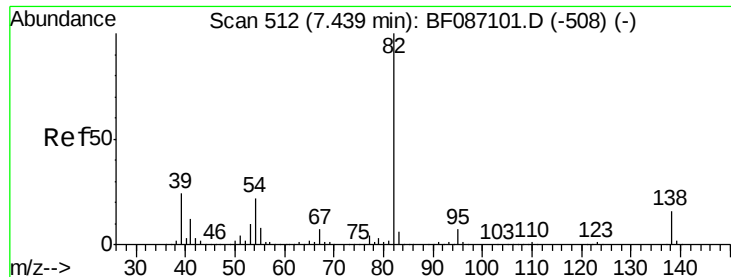
Tgt Ion: 82 Resp: 970329
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 70.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 37.57 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion: 77 Resp: 475269
 Ion Ratio Lower Upper
 77 100
 123 40.1 33.0 49.4
 65 15.5 10.8 16.2





#25

Isophorone

Concen: 40.06 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

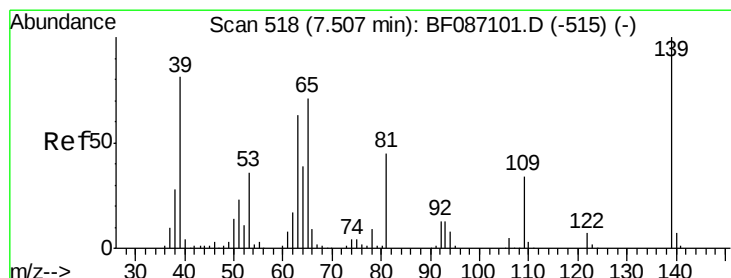
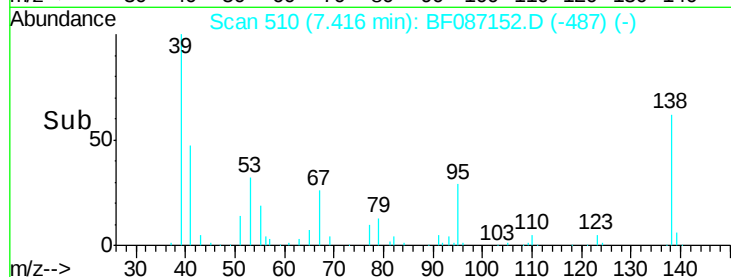
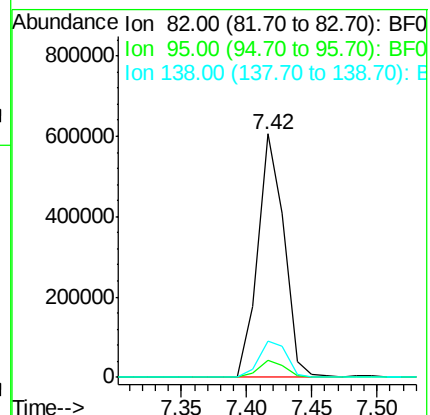
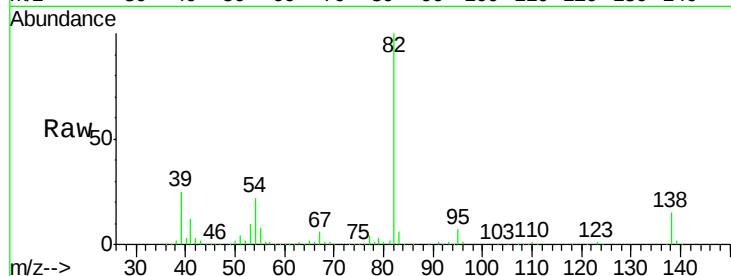
Tgt Ion: 82 Resp: 849691

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 15.1 12.4 18.6



#26

2-Nitrophenol

Concen: 43.91 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

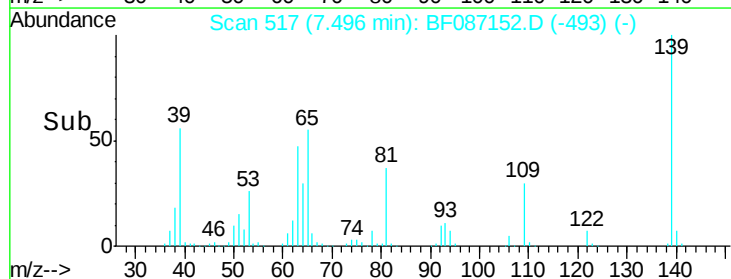
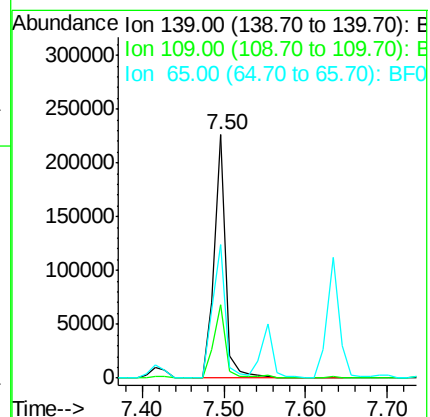
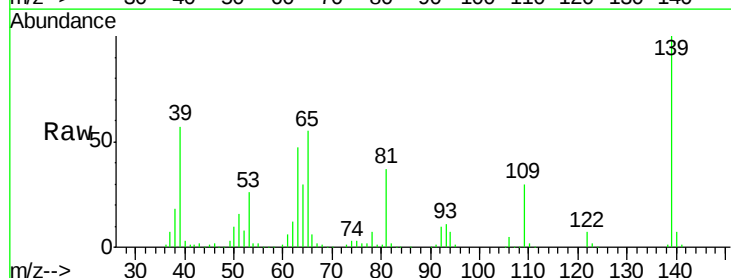
Tgt Ion: 139 Resp: 230125

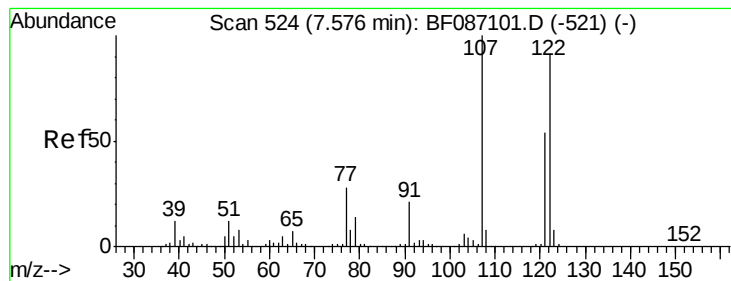
Ion Ratio Lower Upper

139 100

109 30.0 19.5 29.3#

65 54.7 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 43.01 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

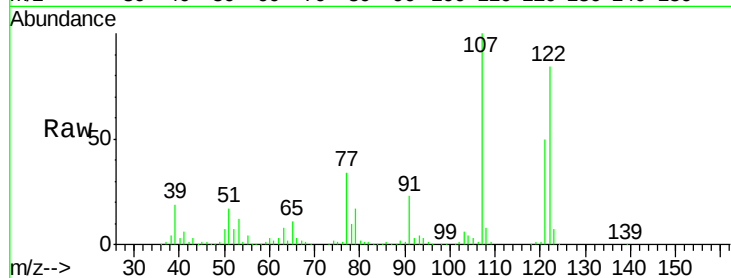
Tgt Ion:122 Resp: 384653

Ion Ratio Lower Upper

122 100

107 118.8 82.0 123.0

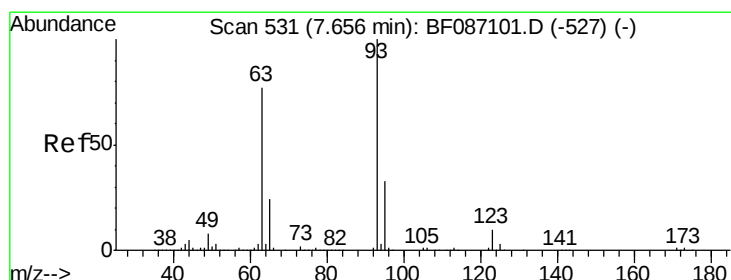
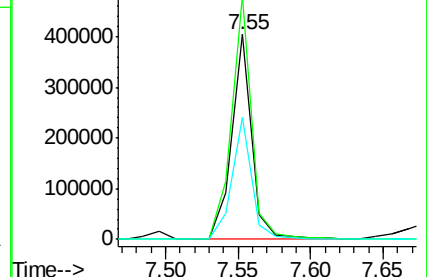
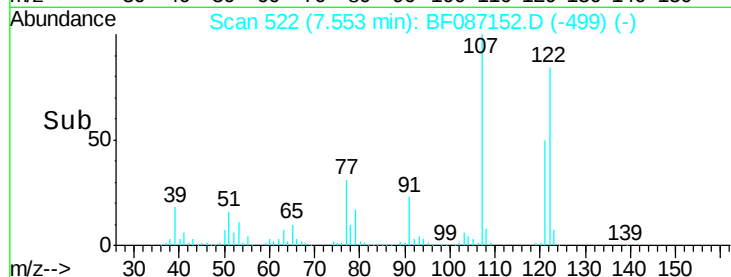
121 59.3 46.1 69.1



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: 41.26 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

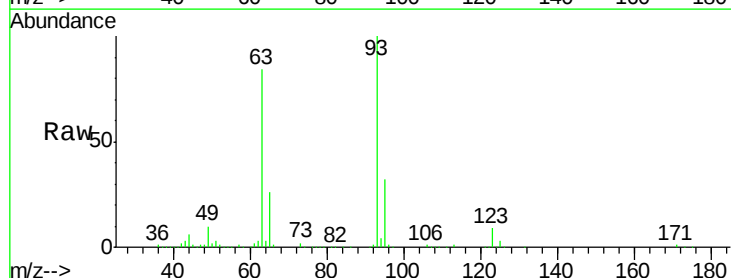
Tgt Ion: 93 Resp: 480425

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

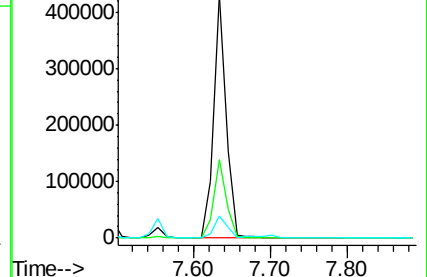
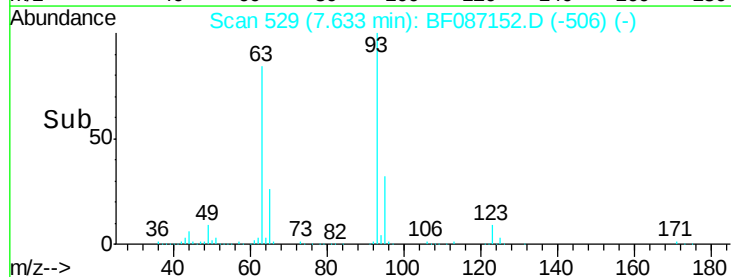
123 9.2 9.5 14.3#

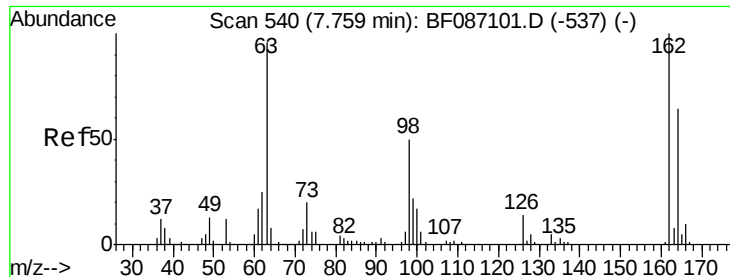


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

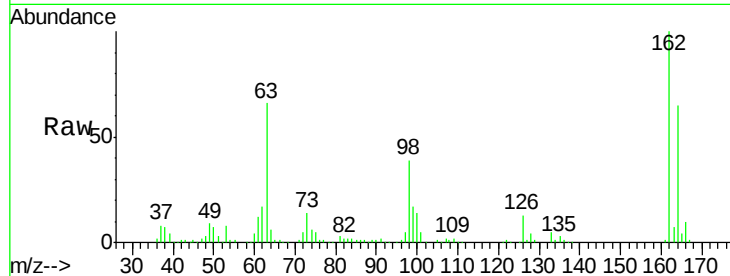




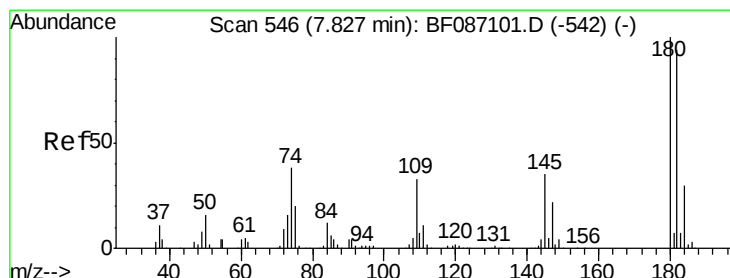
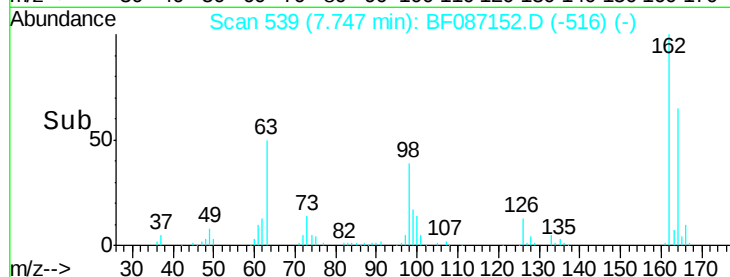
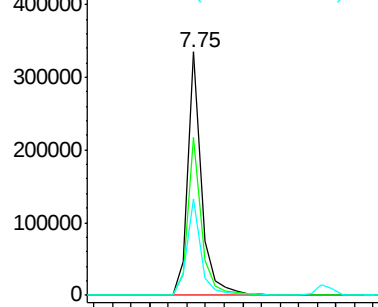
#29
2,4-Dichlorophenol
Concen: 43.50 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

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

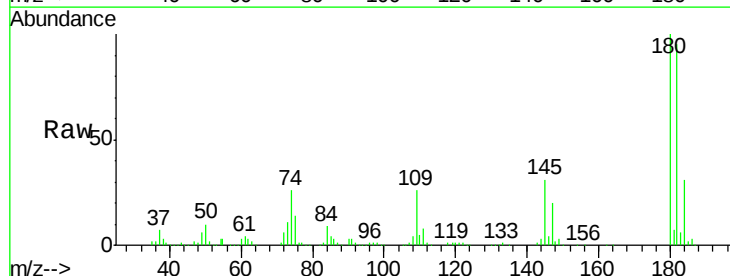


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

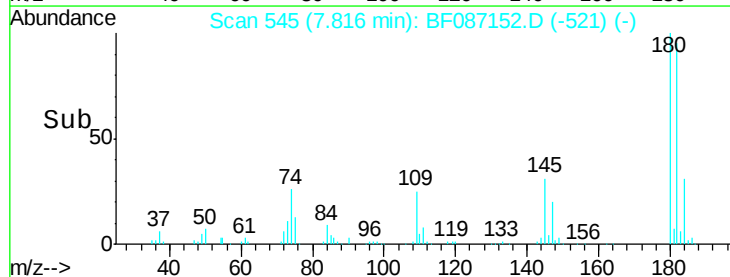
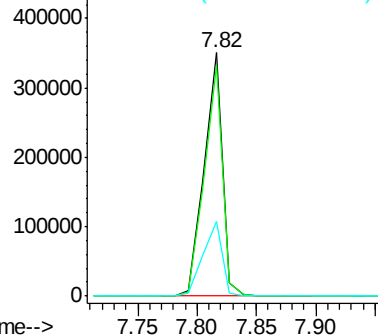


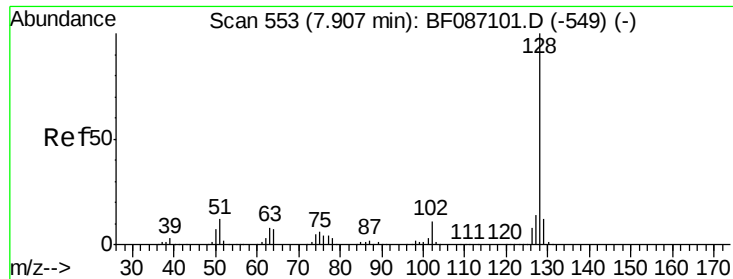
#30
1,2,4-Trichlorobenzene
Concen: 42.67 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.0	117.0
145	30.6	24.2	36.2



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

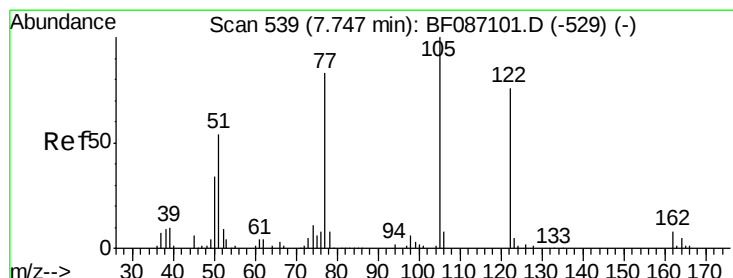
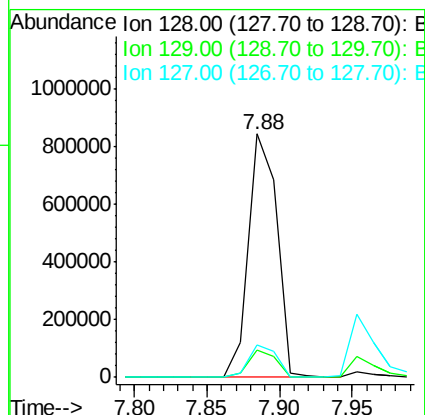
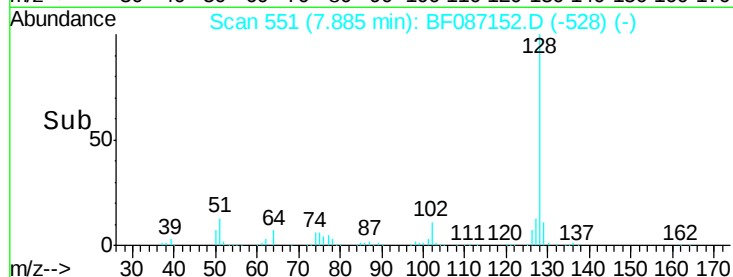
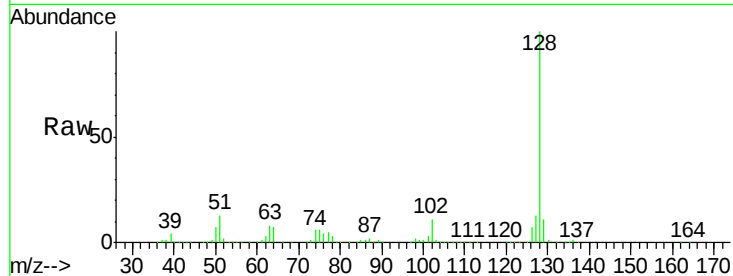




#31
Naphthalene
Concen: 40.77 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

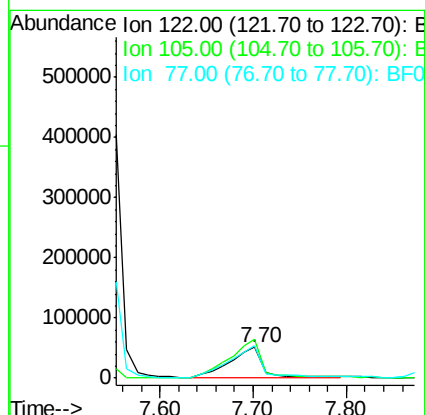
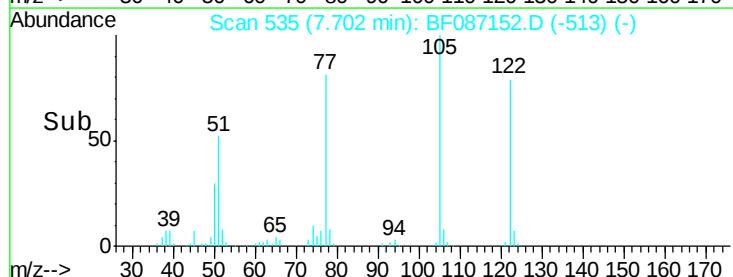
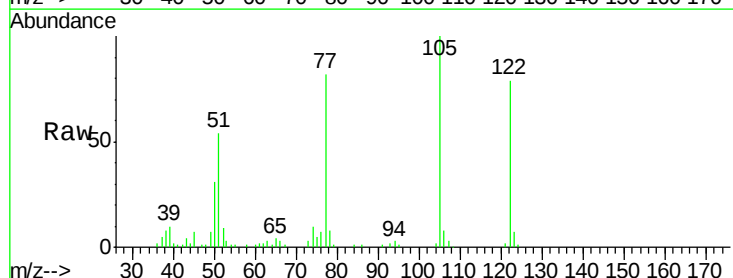
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tgt Ion:128 Resp: 1150135
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 22.86 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:122 Resp: 121859
Ion Ratio Lower Upper
122 100
105 126.2 92.6 132.6
77 104.0 60.0 100.0#

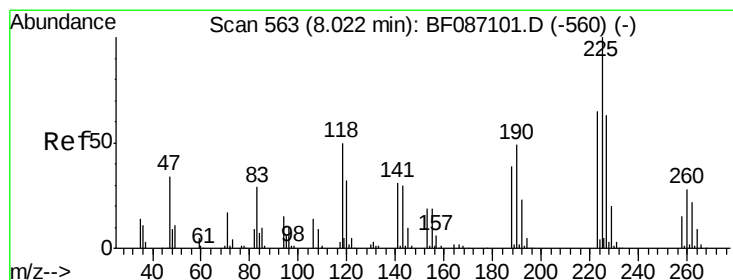
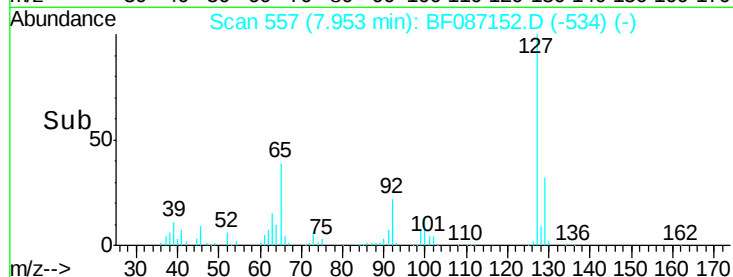
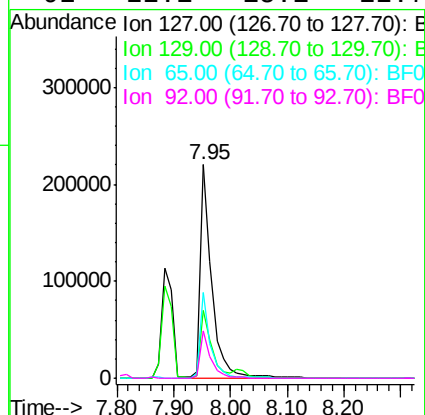
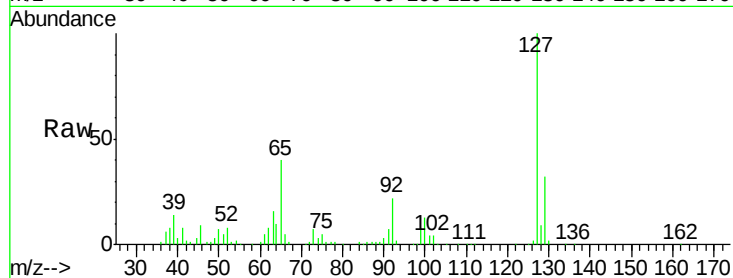




#33
 4-Chloroaniline
 Concen: 25.73 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

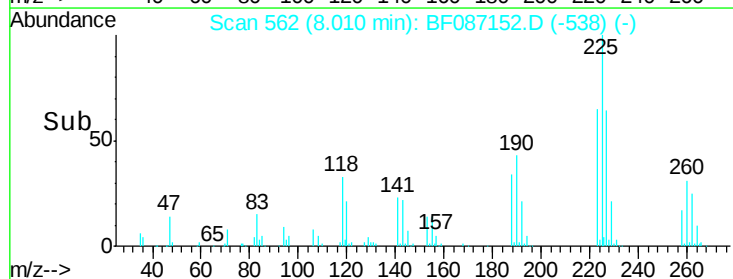
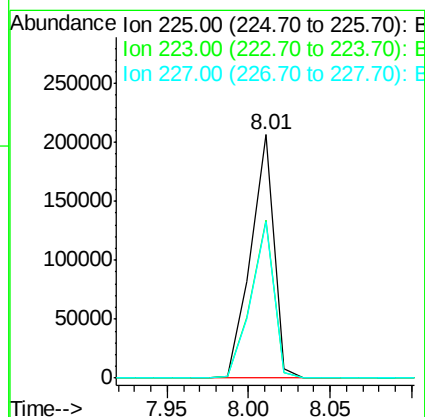
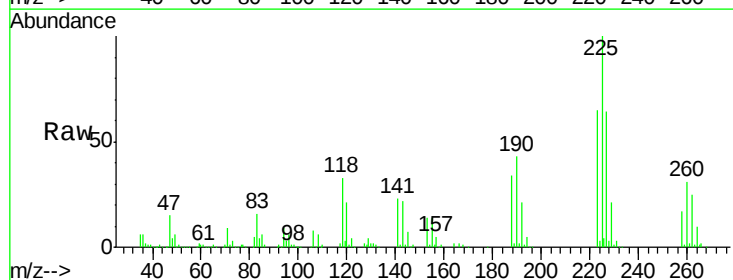
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

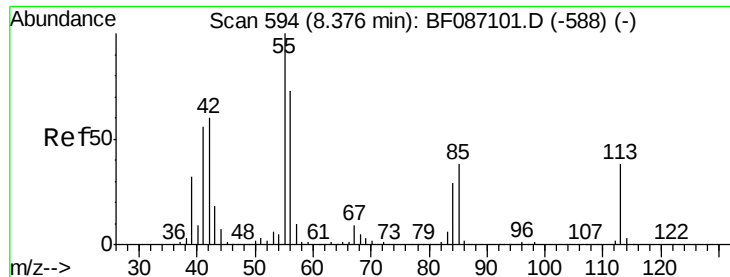
Tgt Ion:	127	Resp:	301663
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	40.0	23.0	34.4
92	22.1	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 41.19 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:	225	Resp:	204388
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.5	77.3
227	64.5	52.2	78.2





#35

Caprolactam

Concen: 23.09 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

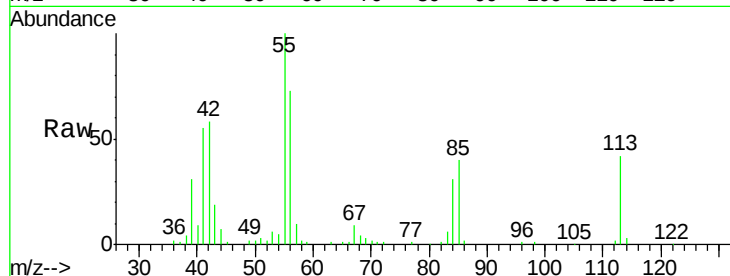
Tgt Ion:113 Resp: 60590

Ion Ratio Lower Upper

113 100

55 238.3 162.0 202.0#

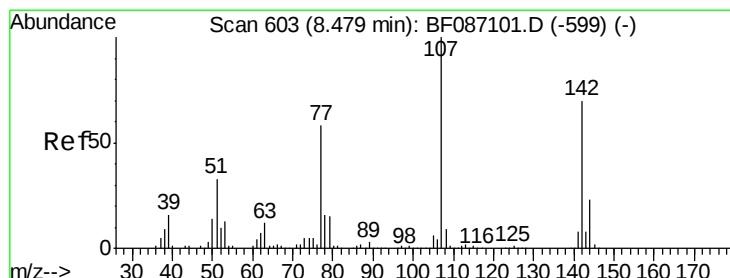
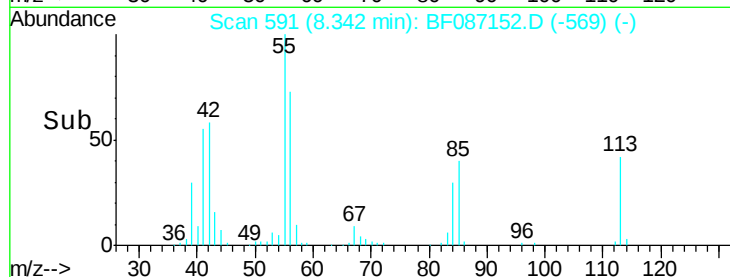
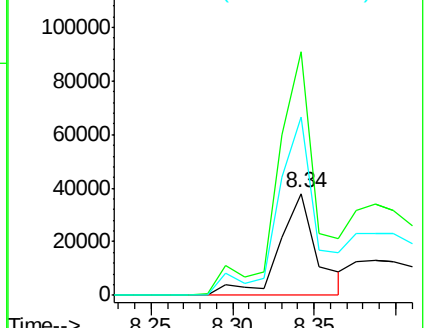
56 174.9 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.99 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

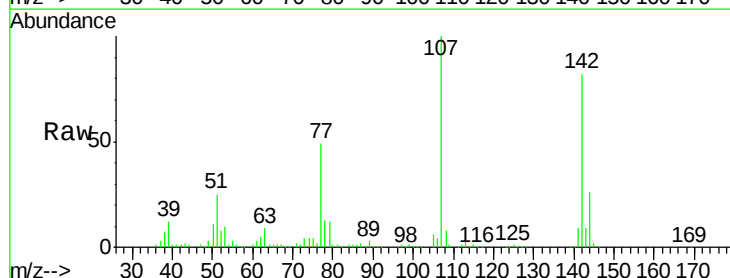
Tgt Ion:107 Resp: 389623

Ion Ratio Lower Upper

107 100

144 26.5 20.7 31.1

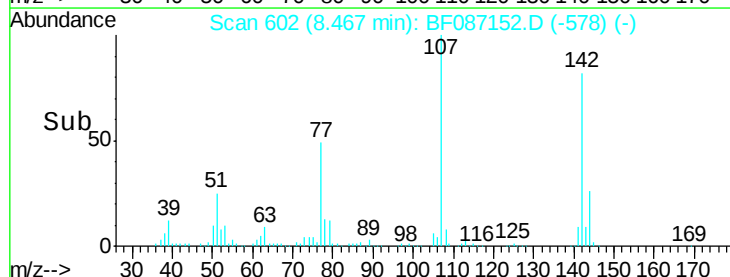
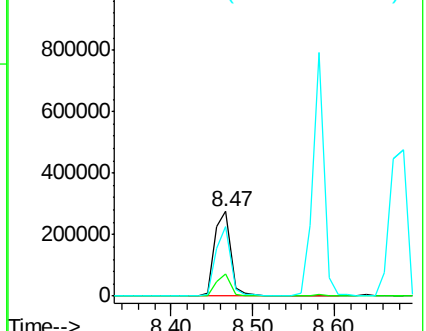
142 81.7 63.2 94.8

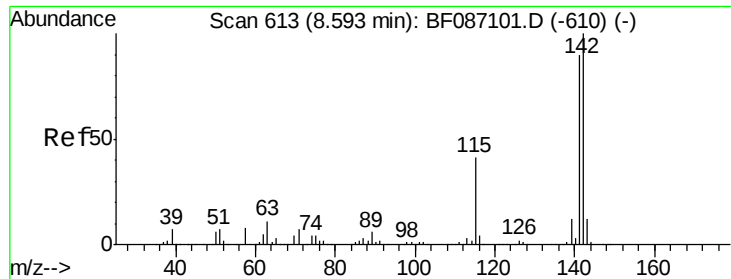


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

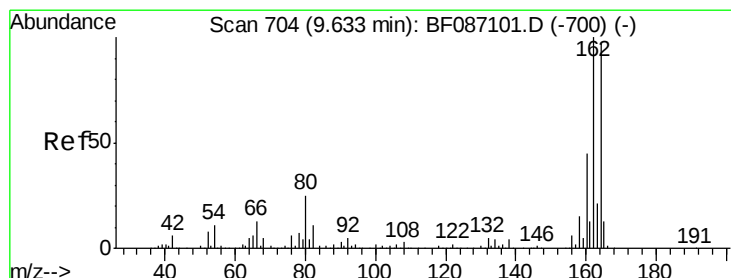
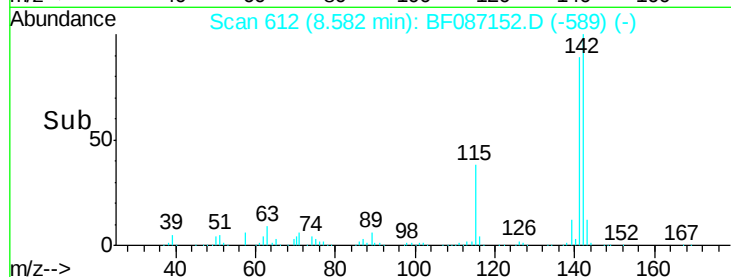
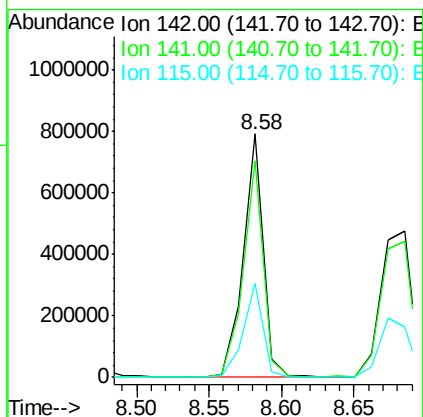
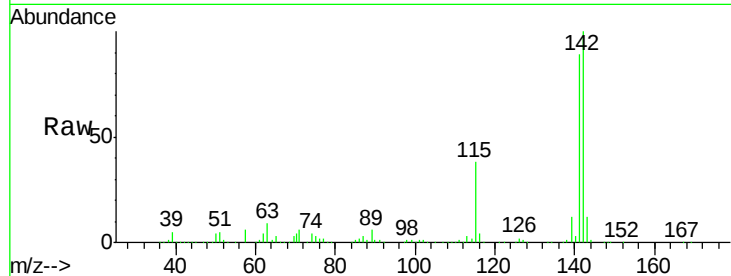




#37
2-Methylnaphthalene
Concen: 41.78 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

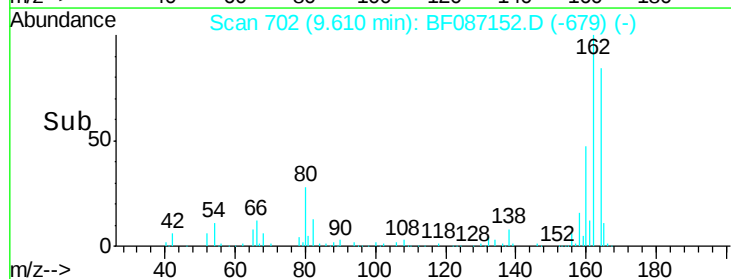
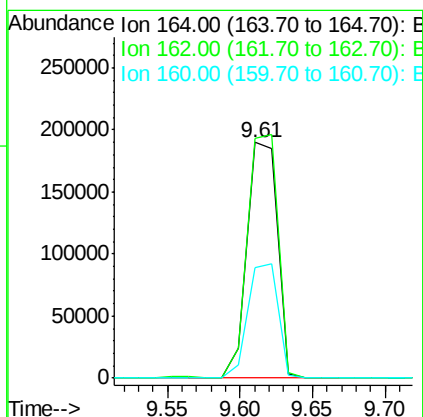
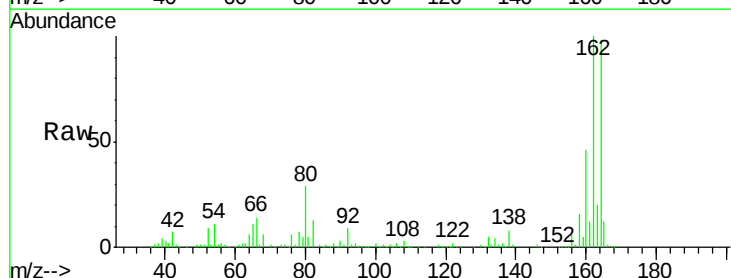
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

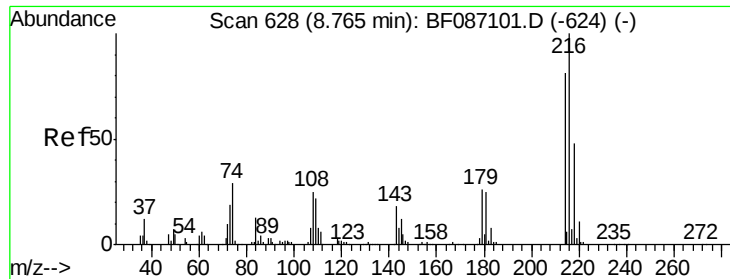
Tgt Ion:142 Resp: 754020
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 38.4 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:164 Resp: 276507
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 46.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.55 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

Tgt Ion:216 Resp: 327499

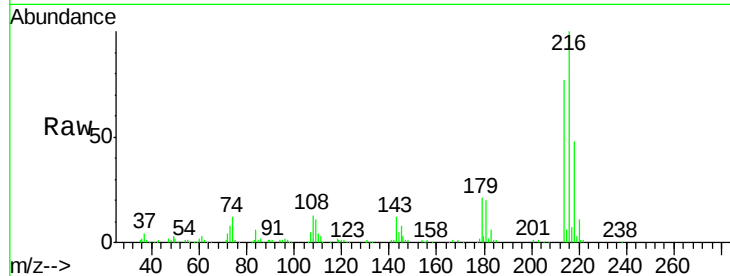
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 23.1 18.2 27.4

108 22.8 17.5 26.3

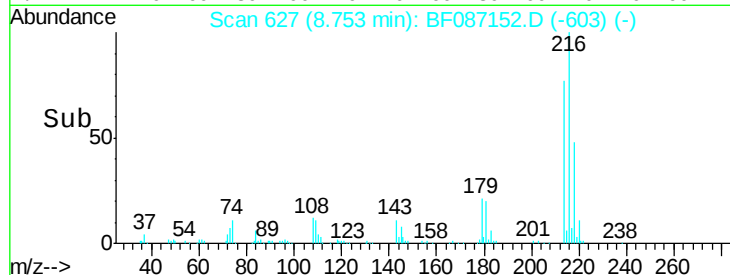


Abundance Ion 216.00 (215.70 to 216.70): E

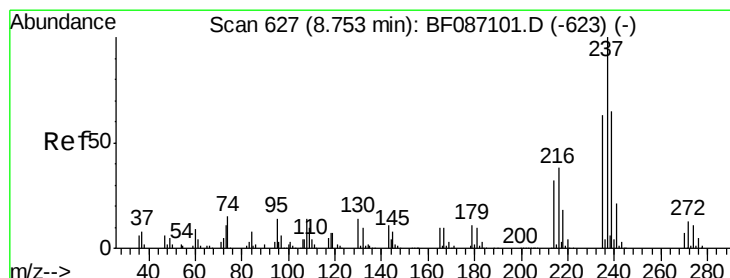
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.22 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

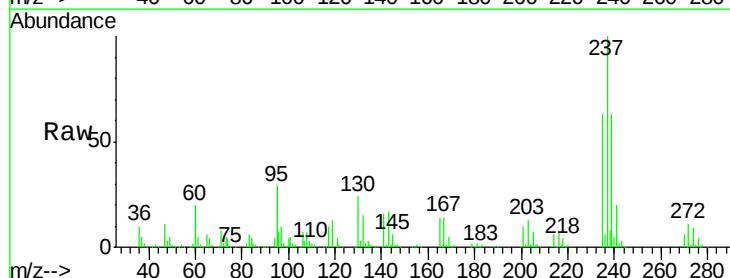
Tgt Ion:237 Resp: 222578

Ion Ratio Lower Upper

237 100

235 63.5 47.2 87.2

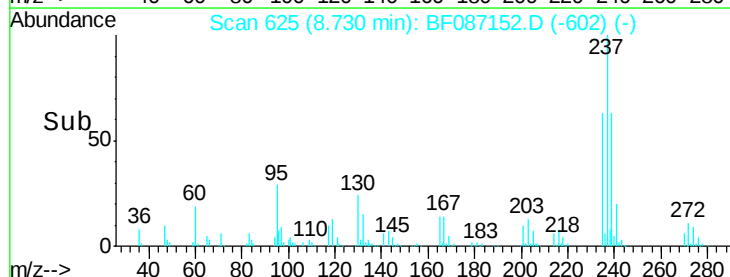
272 11.5 0.0 31.1



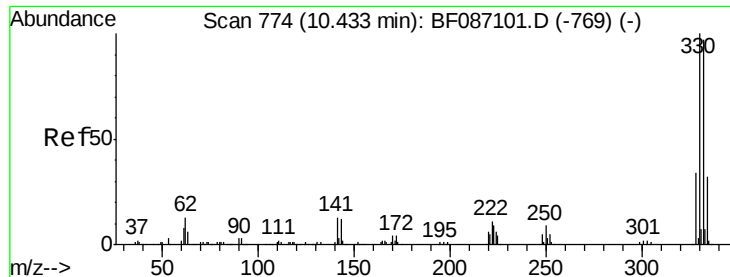
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



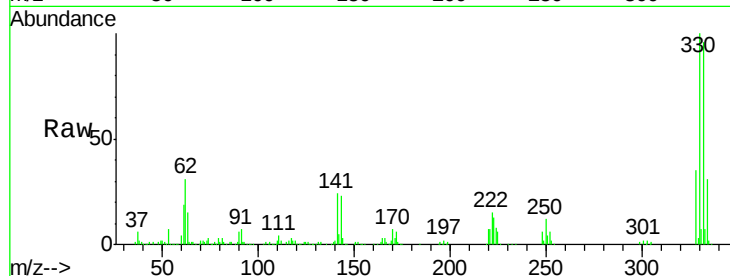
Time-->



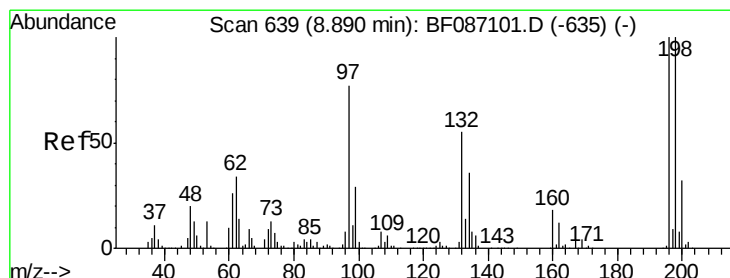
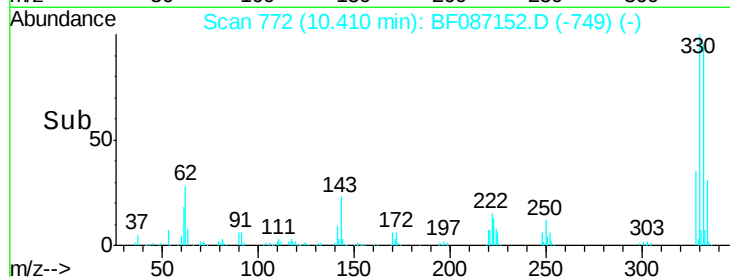
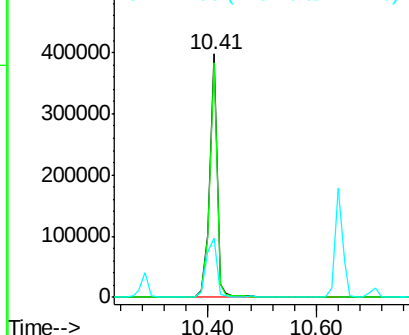
#41
 2,4,6-Tribromophenol
 Concen: 125.80 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion:330 Resp: 384379
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 33.8 31.2 46.8

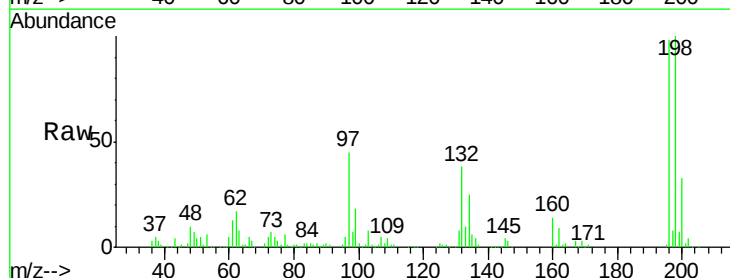


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

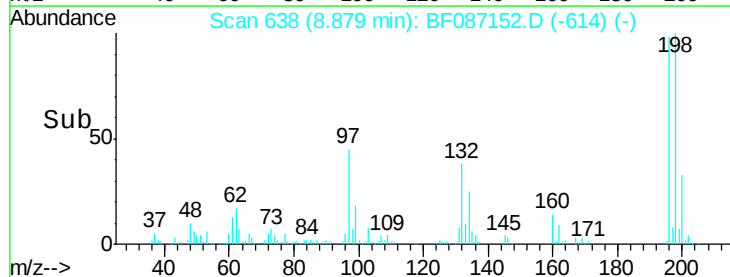
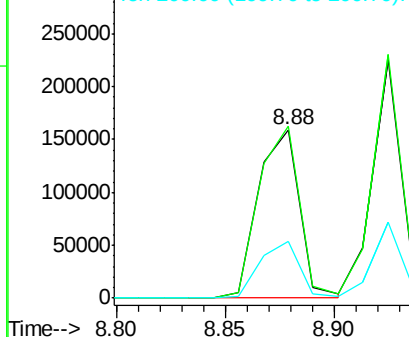


#42
 2,4,6-Trichlorophenol
 Concen: 40.36 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:196 Resp: 211401
 Ion Ratio Lower Upper
 196 100
 198 102.0 74.7 112.1
 200 33.7 23.8 35.6



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

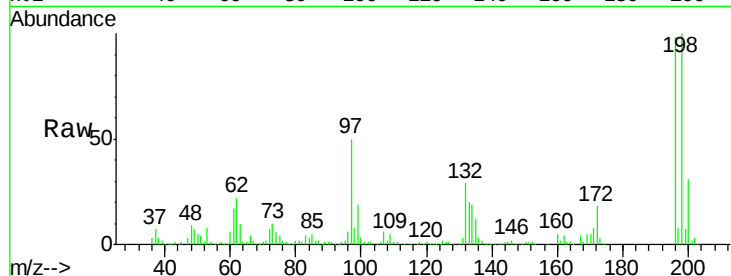




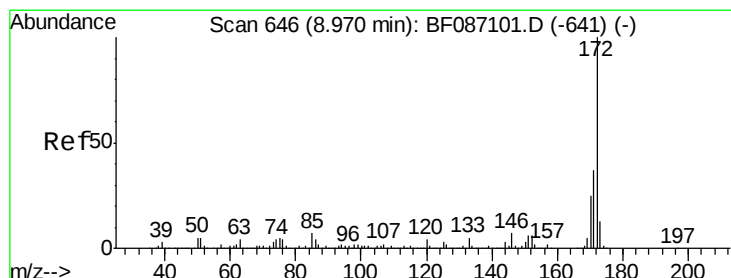
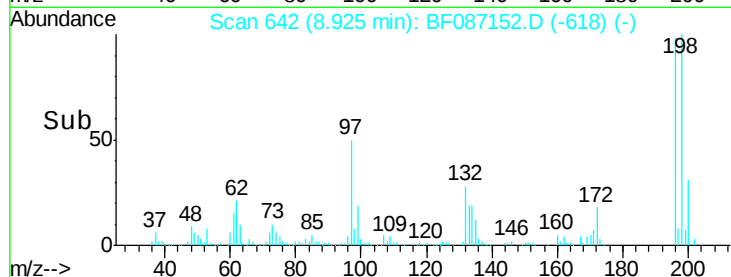
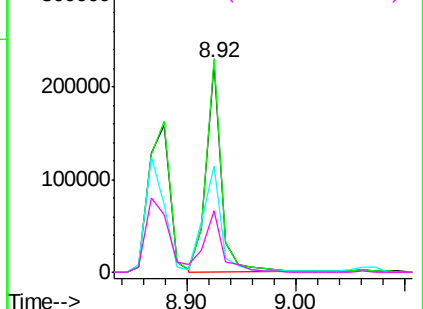
#43
 2,4,5-Trichlorophenol
 Concen: 40.65 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	77.5	116.3
97	50.9	34.8	52.2
132	29.1	23.0	34.4

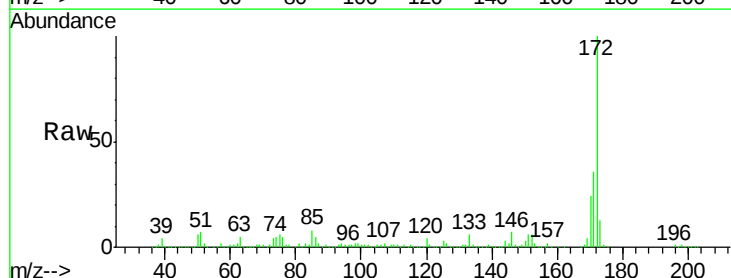


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

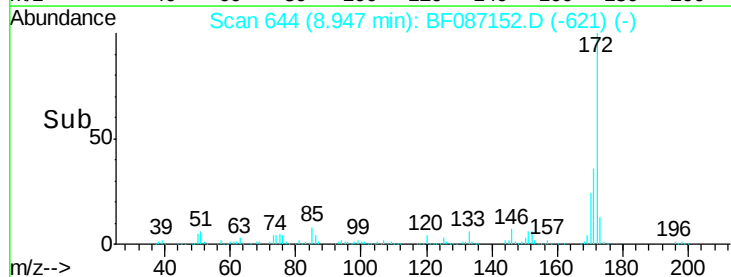
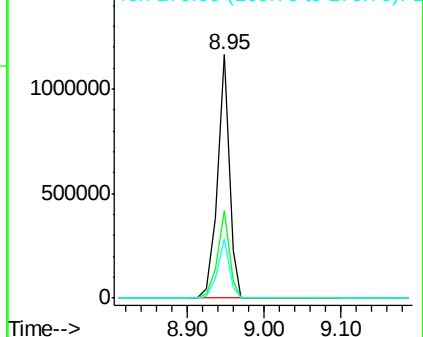


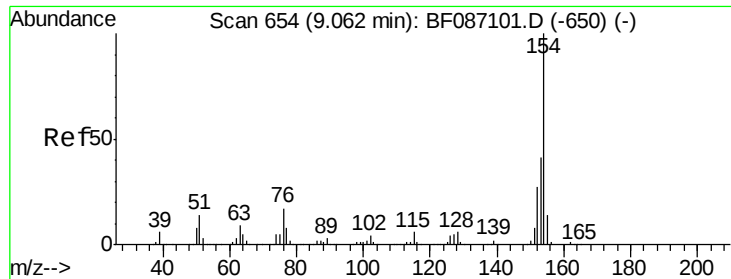
#44
 2-Fluorobiphenyl
 Concen: 75.25 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	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

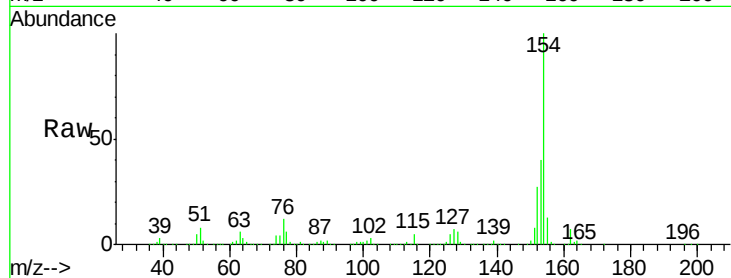




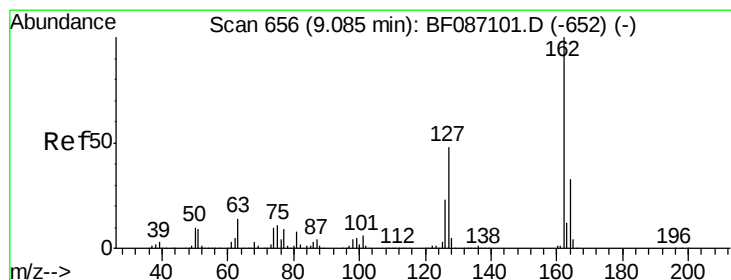
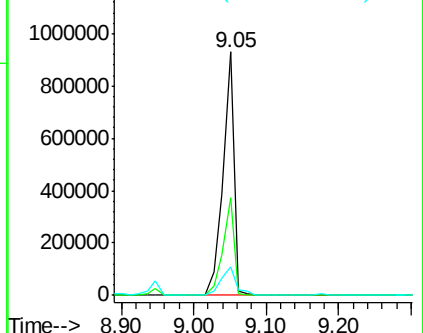
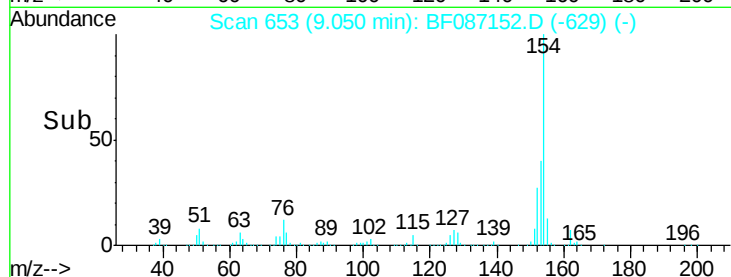
#45
 1,1'-Biphenyl
 Concen: 42.81 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion:154 Resp: 981615
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.3 60.3
 76 11.6 0.0 30.2

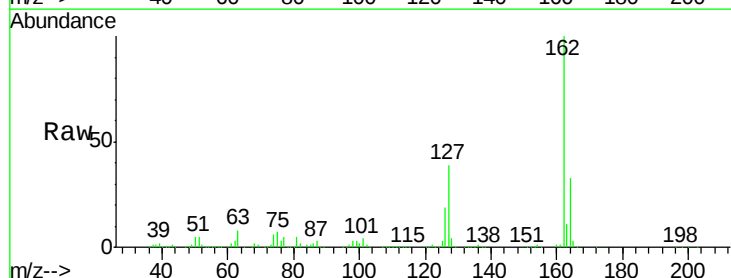


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

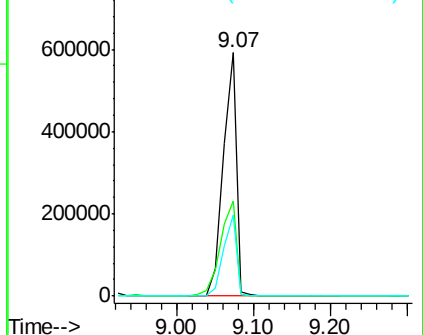
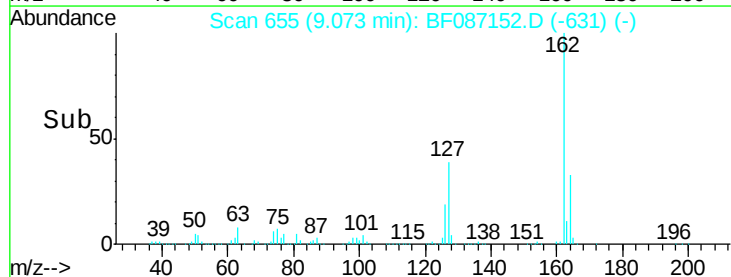


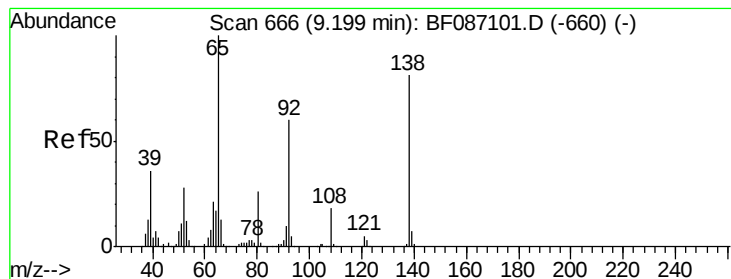
#46
 2-Chloronaphthalene
 Concen: 40.94 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:162 Resp: 720675
 Ion Ratio Lower Upper
 162 100
 127 39.3 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: 40.51 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

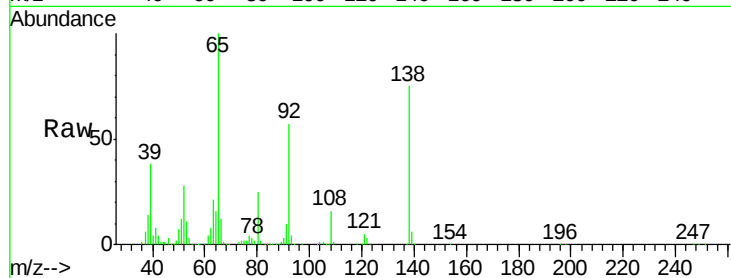
Tgt Ion: 65 Resp: 273257

Ion Ratio Lower Upper

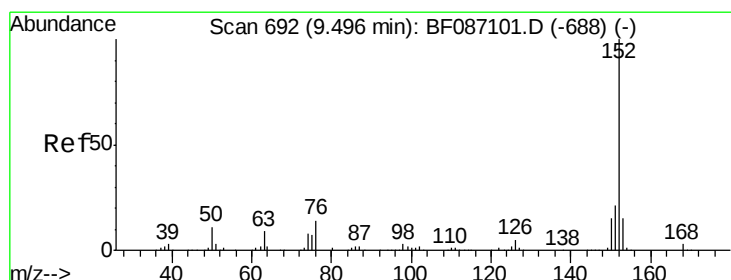
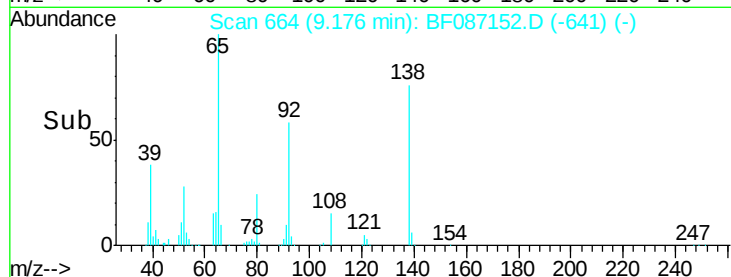
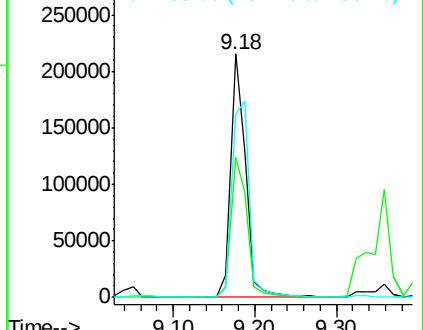
65 100

92 57.3 57.4 86.2#

138 75.3 90.1 135.1#



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



#48

Acenaphthylene

Concen: 40.52 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

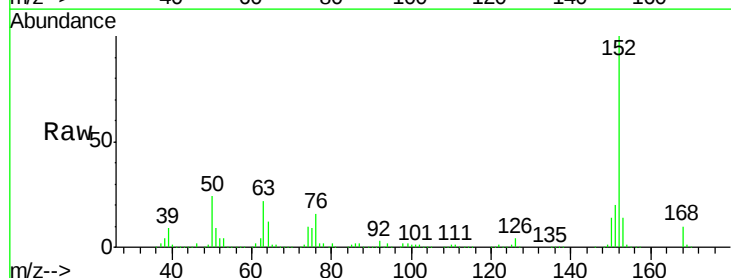
Tgt Ion: 152 Resp: 1089116

Ion Ratio Lower Upper

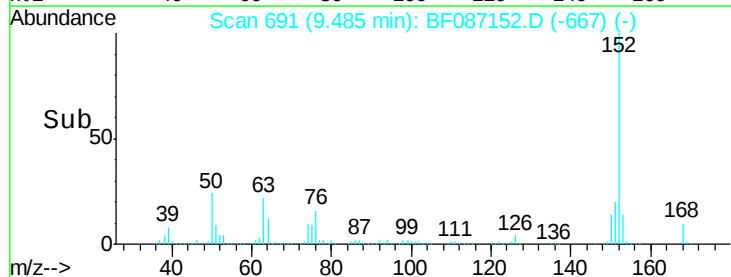
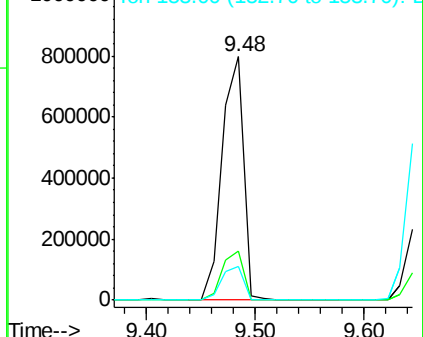
152 100

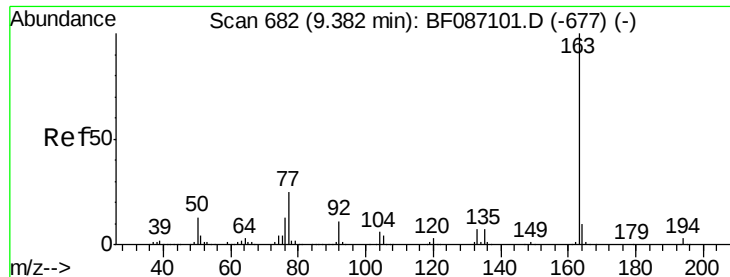
151 20.0 16.8 25.2

153 13.6 10.9 16.3



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

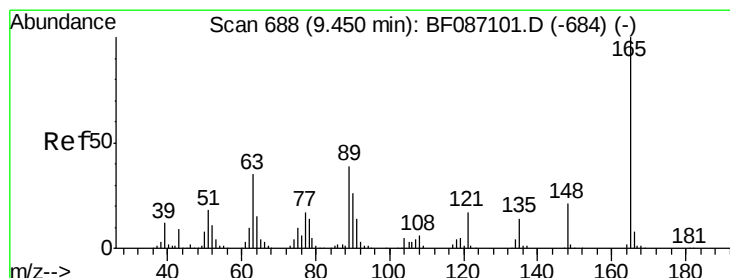
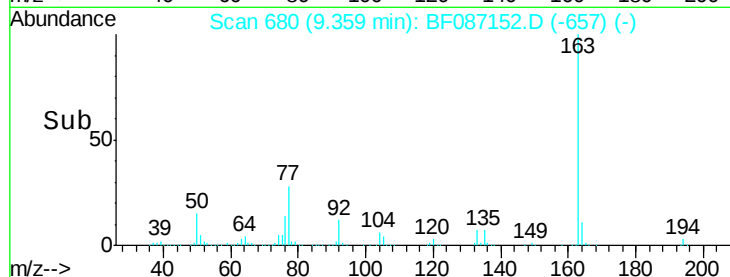
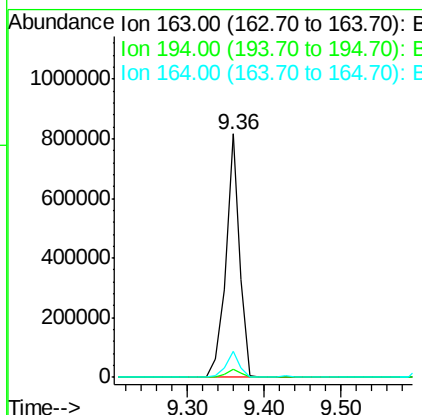
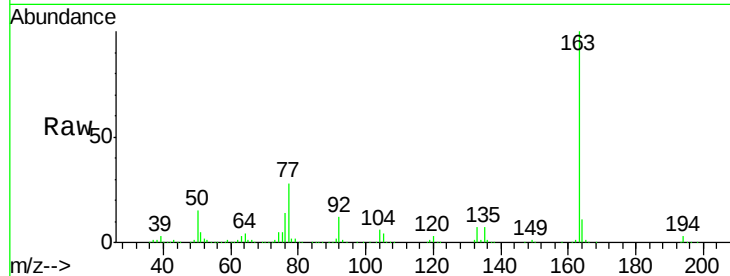




#49
Dimethylphthalate
Concen: 49.10 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

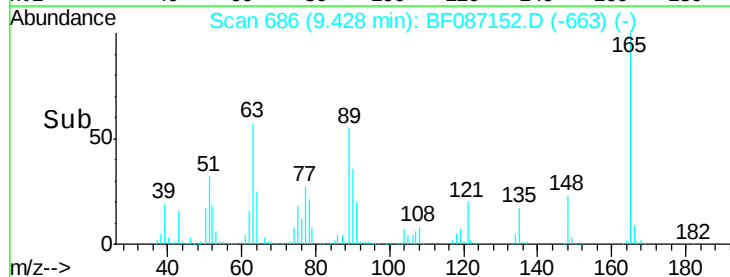
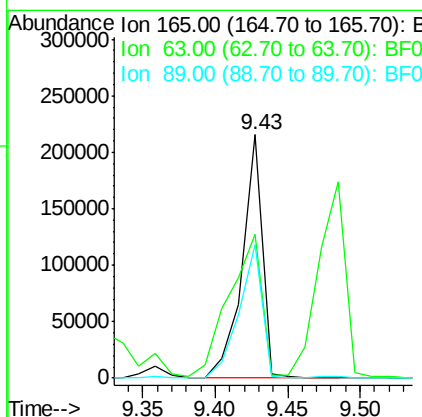
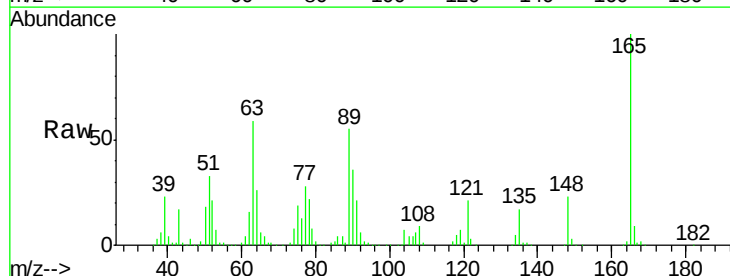
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

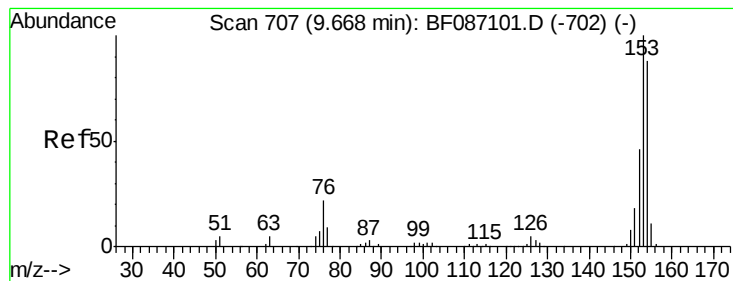
Tgt Ion:163 Resp: 1035647
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 45.37 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:165 Resp: 207787
Ion Ratio Lower Upper
165 100
63 59.3 51.8 77.8
89 55.1 50.7 76.1





#51

Acenaphthene

Concen: 39.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

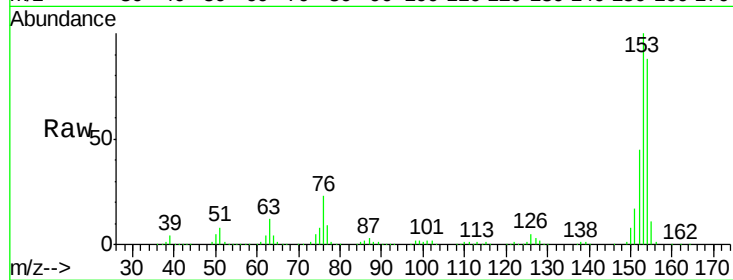
Tgt Ion:154 Resp: 654848

Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

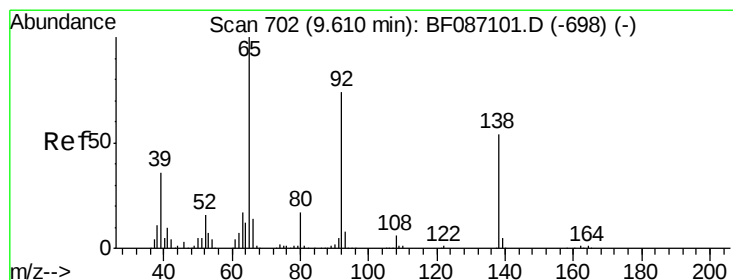
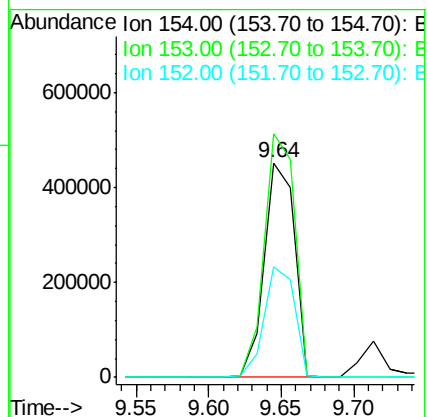
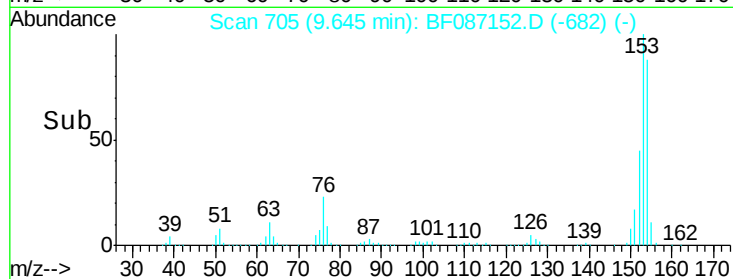
152 51.3 43.4 65.0



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: 31.53 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

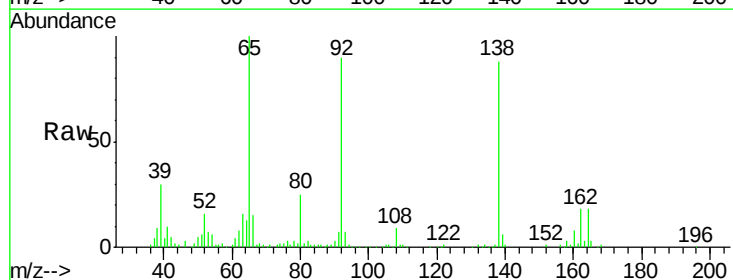
Tgt Ion:138 Resp: 156346

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

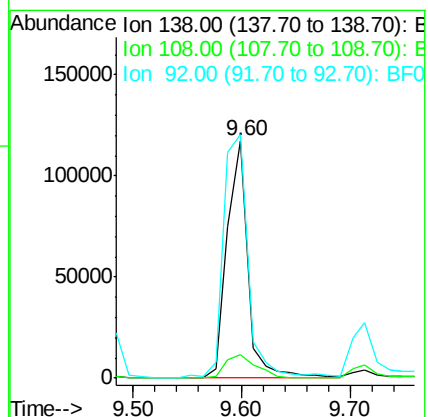
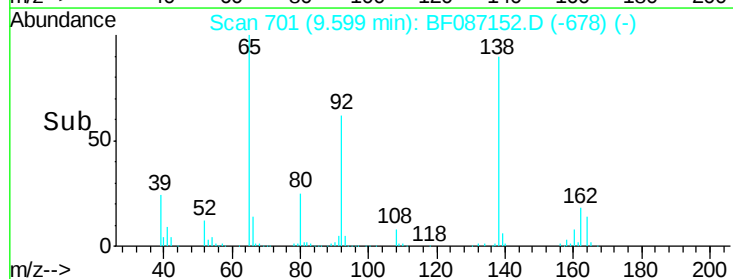
92 102.6 87.8 131.8

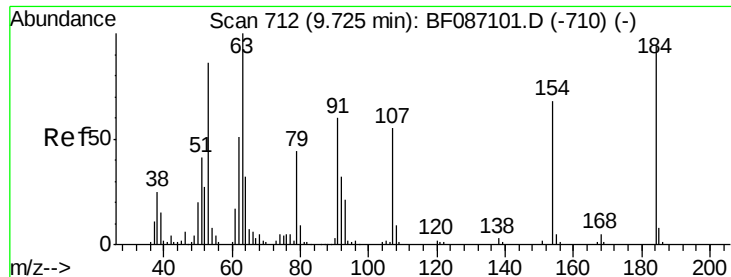


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

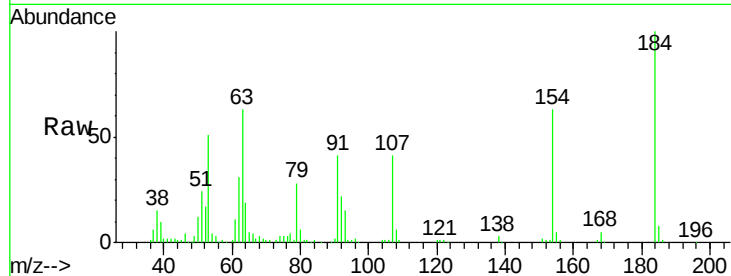




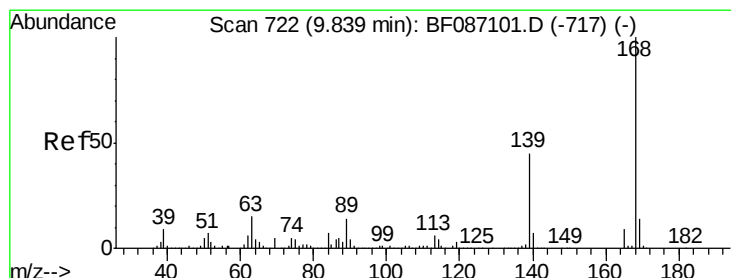
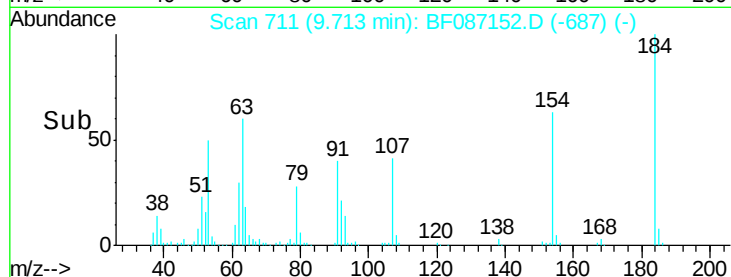
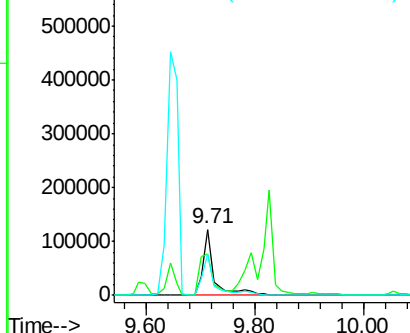
#53
2,4-Dinitrophenol
Concen: 67.69 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tgt Ion:184 Resp: 175618
Ion Ratio Lower Upper
184 100
63 62.6 55.8 83.8
154 63.3 62.4 93.6

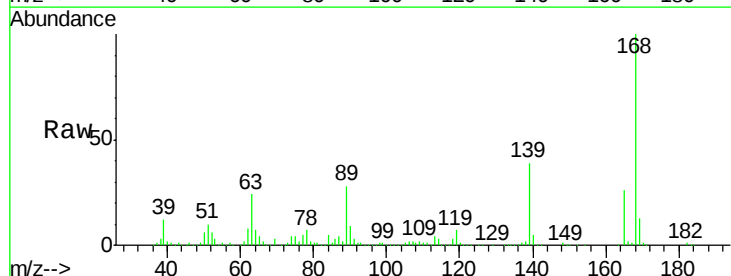


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

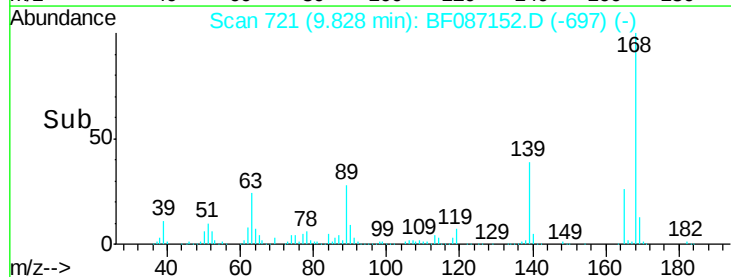
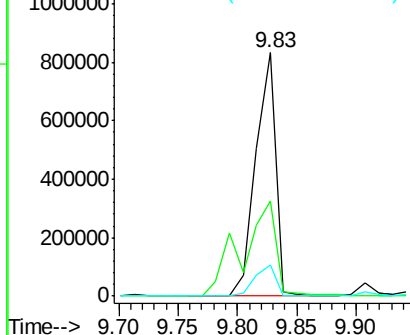


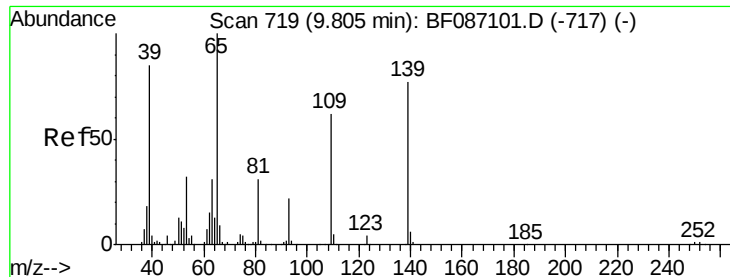
#54
Dibenzofuran
Concen: 45.29 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:168 Resp: 983395
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.0
169 12.9 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

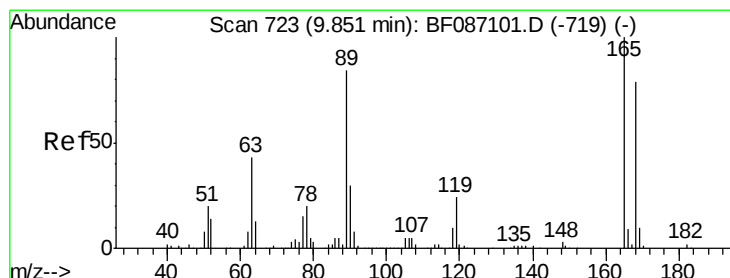
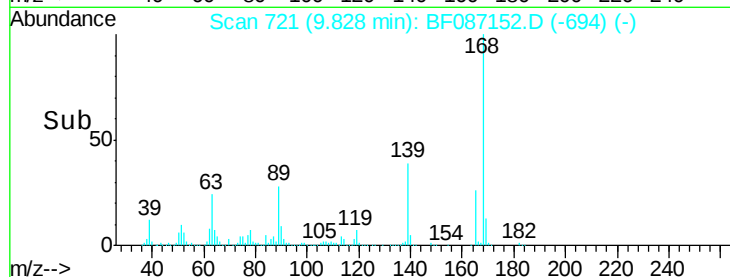
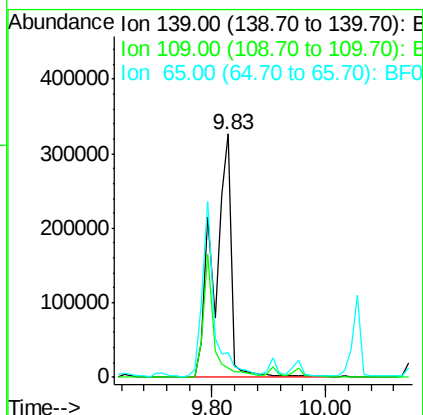
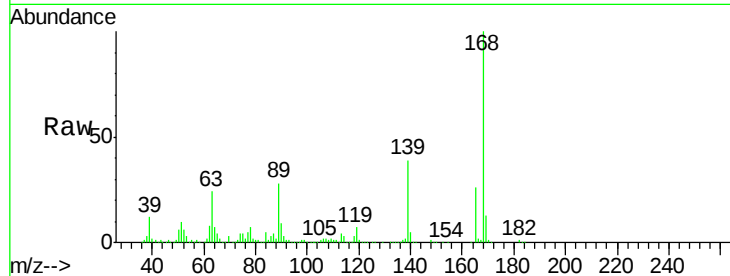




#55
4-Nitrophenol
Concen: 128.47 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

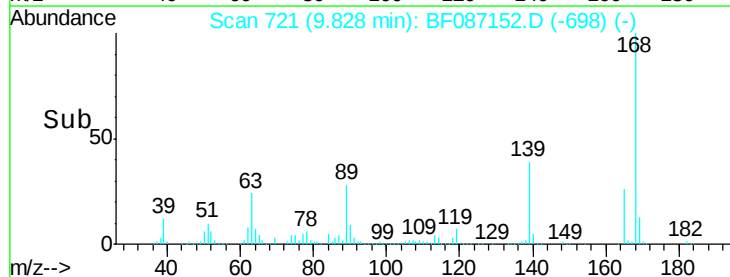
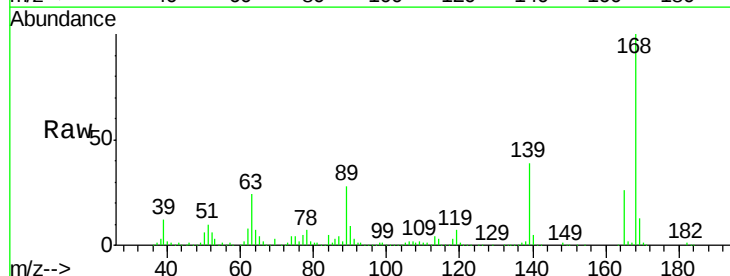
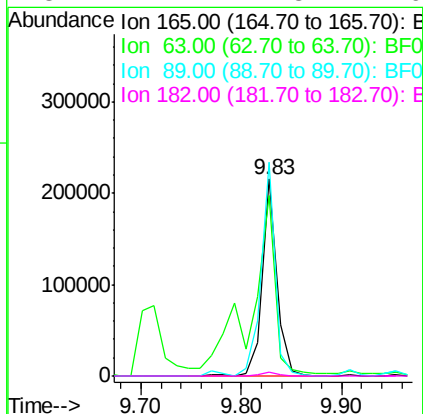
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

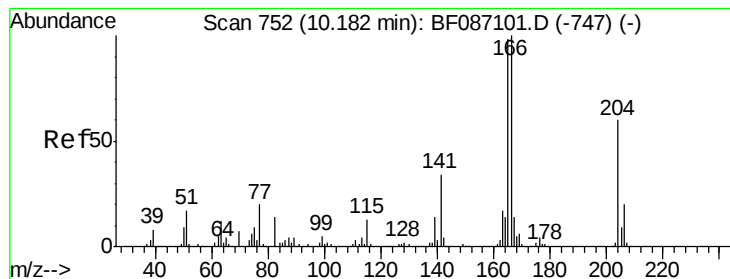
Tgt Ion:139 Resp: 672206
Ion Ratio Lower Upper
139 100
109 3.9 36.9 76.9#
65 10.2 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 37.61 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:165 Resp: 220619
Ion Ratio Lower Upper
165 100
63 91.5 44.3 66.5#
89 108.6 70.0 105.0#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 40.00 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

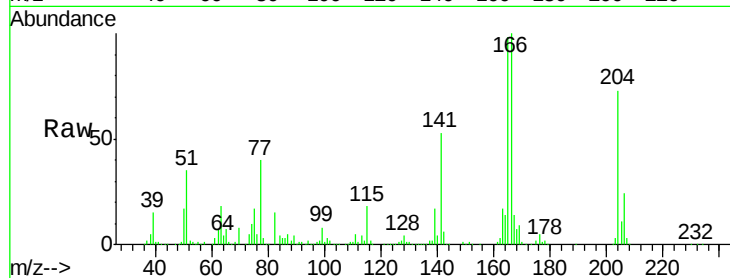
Tgt Ion:166 Resp: 697901

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

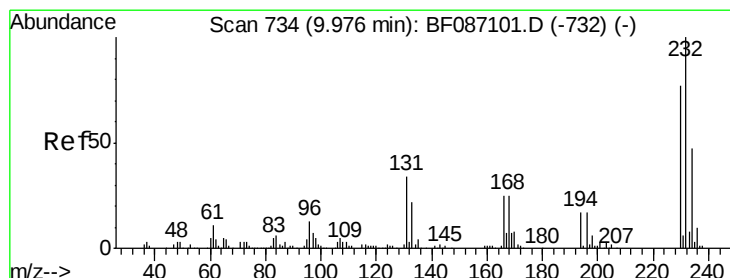
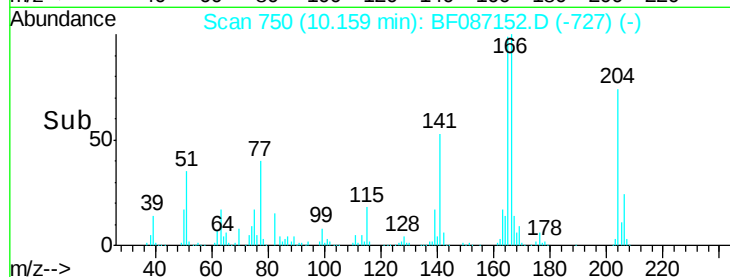
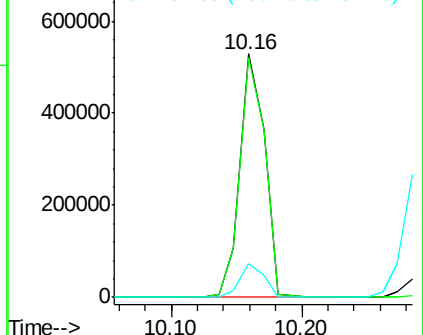
167 13.9 10.6 15.8



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: 47.17 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:232 Resp: 199906

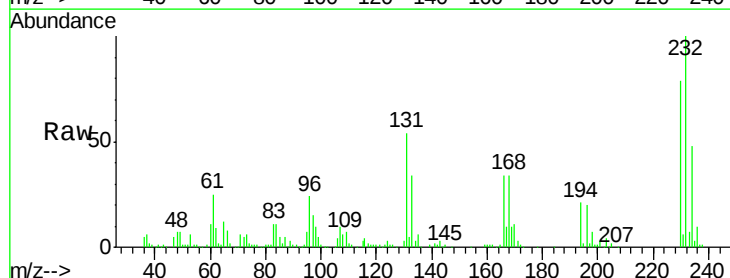
Ion Ratio Lower Upper

232 100

131 52.7 41.9 62.9

130 2.5 2.2 3.4

166 31.5 26.8 40.2

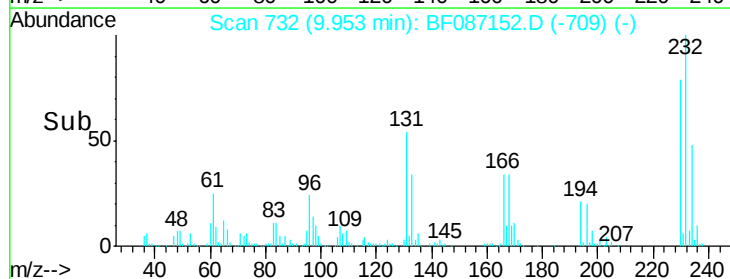
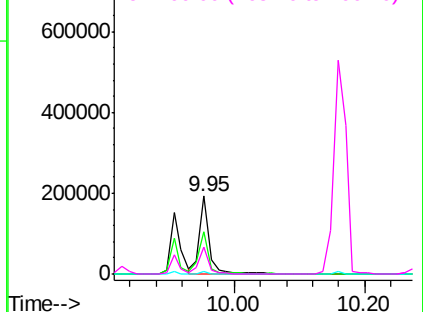


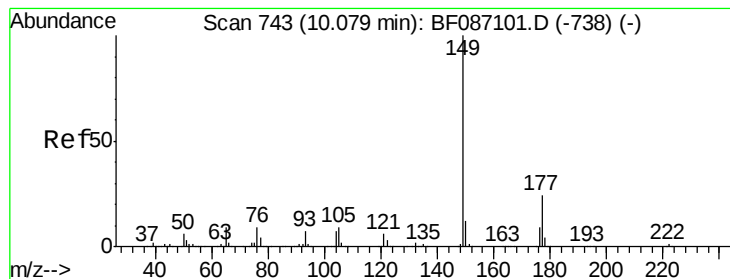
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.83 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

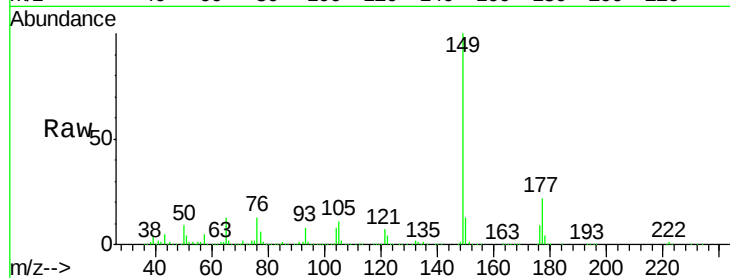
Tgt Ion:149 Resp: 822264

Ion Ratio Lower Upper

149 100

177 22.1 16.6 24.8

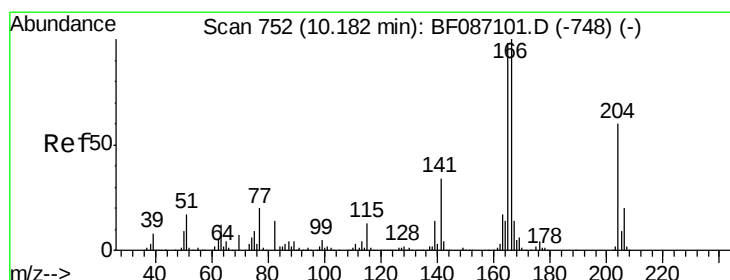
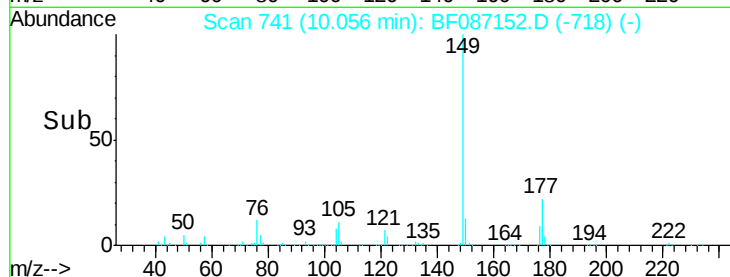
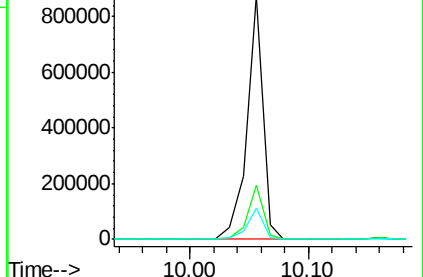
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.65 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

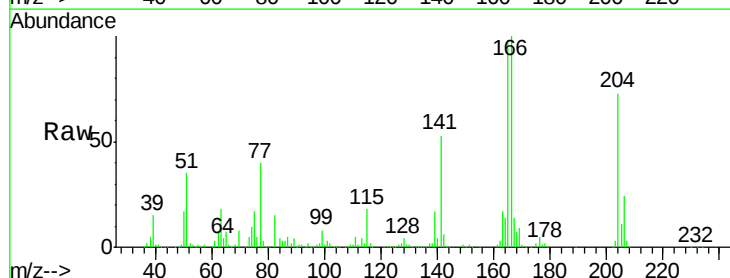
Tgt Ion:204 Resp: 336146

Ion Ratio Lower Upper

204 100

206 32.4 25.4 38.0

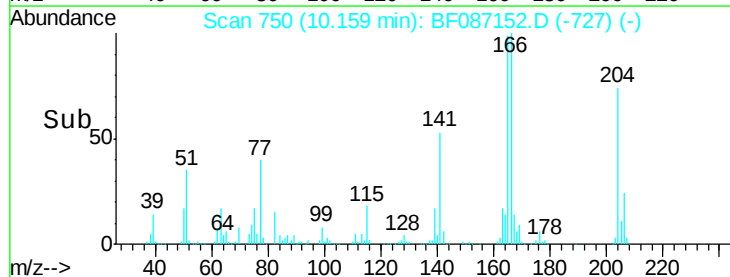
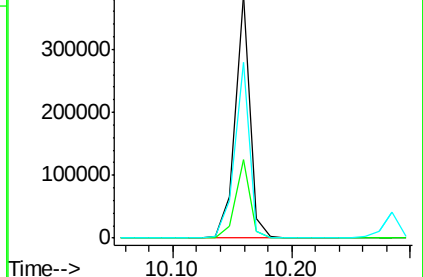
141 72.0 61.6 92.4

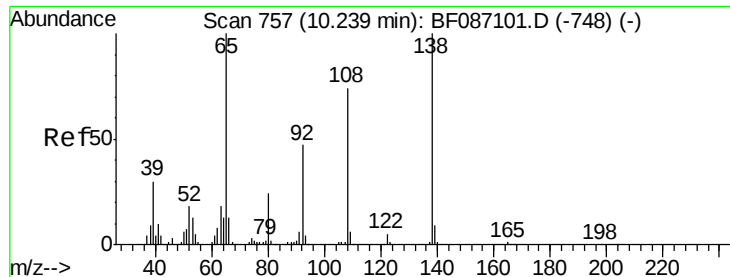


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

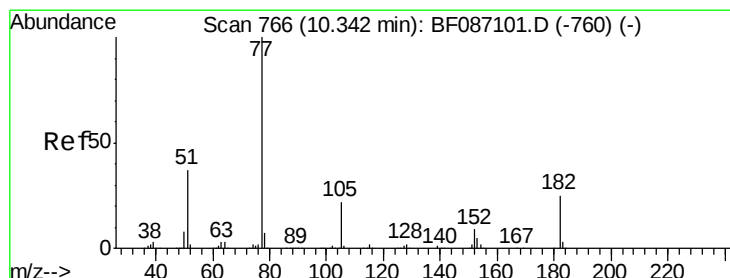
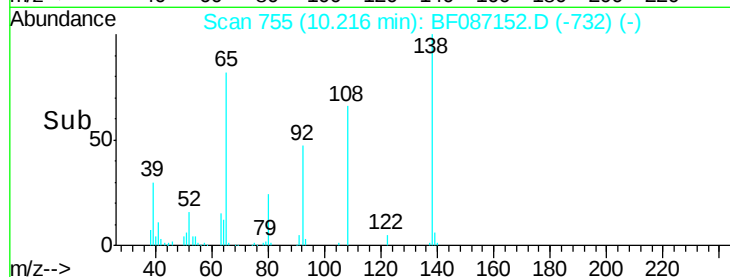
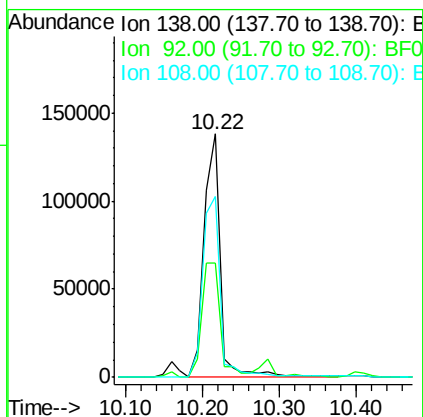
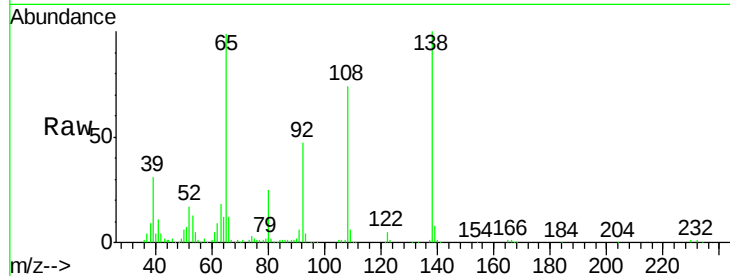




#61
4-Nitroaniline
Concen: 40.86 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

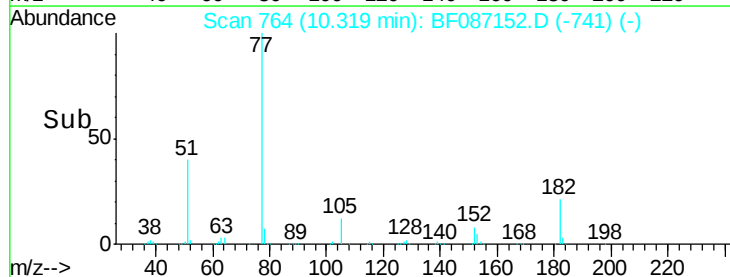
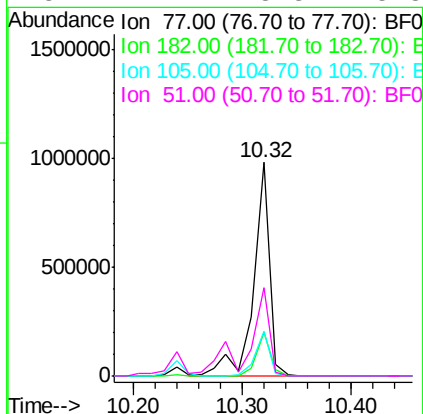
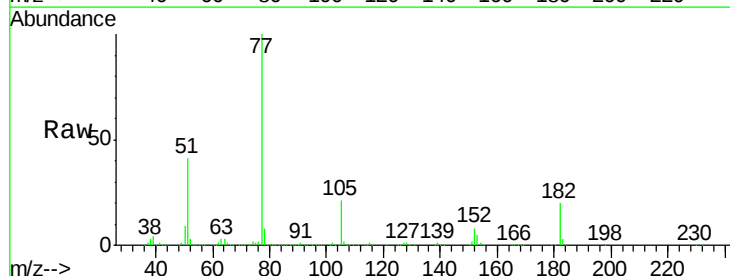
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

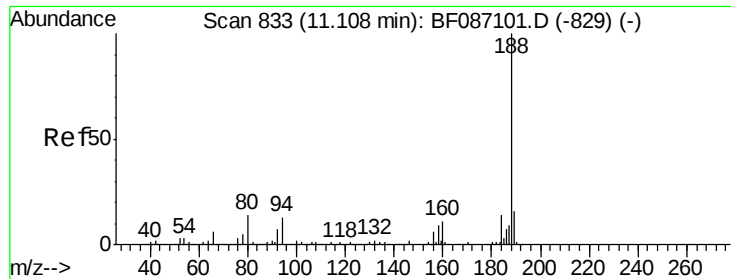
Tgt Ion: 138 Resp: 200044
Ion Ratio Lower Upper
138 100
92 47.0 24.7 64.7
108 74.3 37.4 77.4



#62
Azobenzene
Concen: 43.54 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion: 77 Resp: 1010207
Ion Ratio Lower Upper
77 100
182 20.3 0.0 38.8
105 20.9 3.2 43.2
51 41.2 8.8 48.8

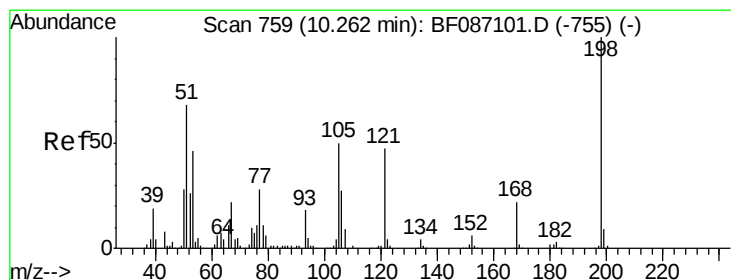
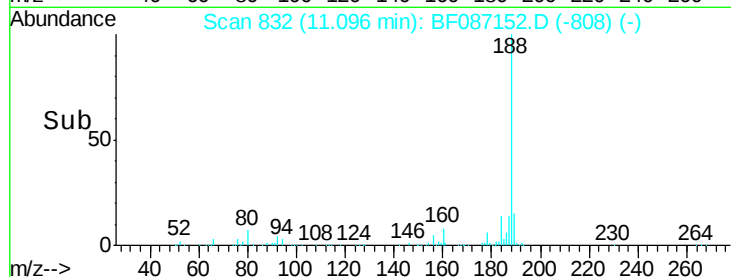
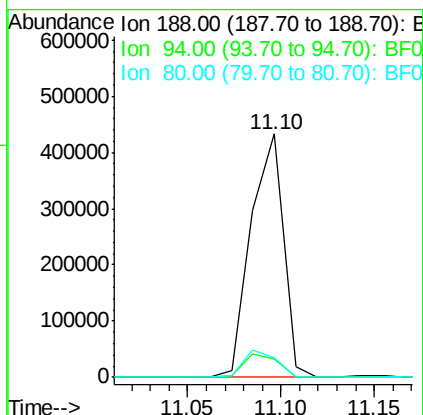
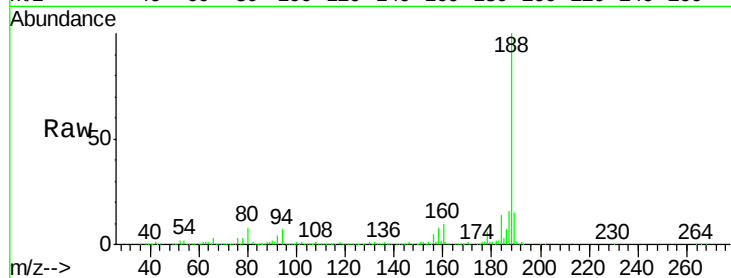




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

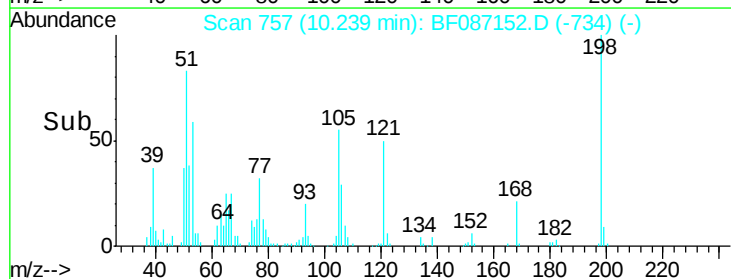
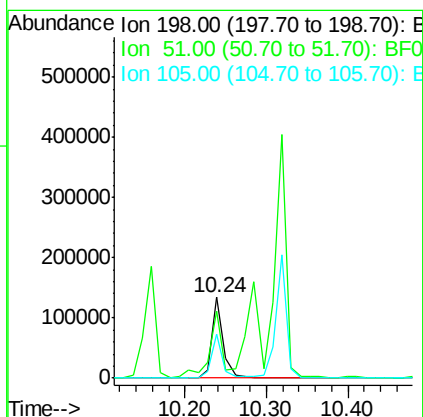
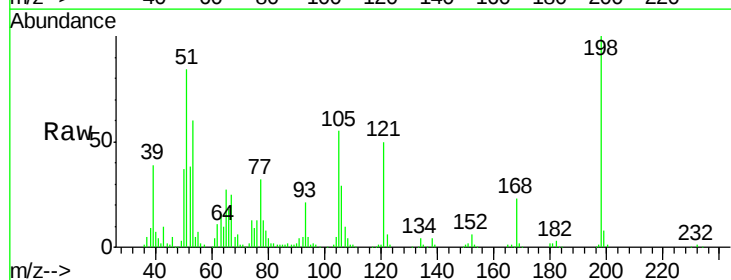
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

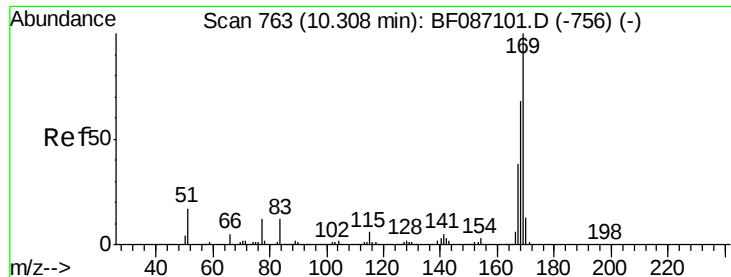
Tgt Ion:188 Resp: 525120
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.0 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 39.13 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:198 Resp: 135315
Ion Ratio Lower Upper
198 100
51 83.5 20.5 60.5#
105 54.6 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.05 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

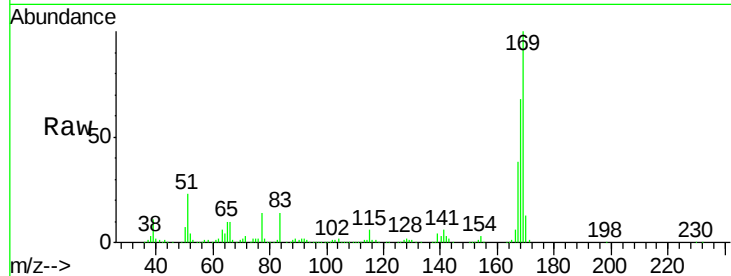
Tgt Ion:169 Resp: 678406

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

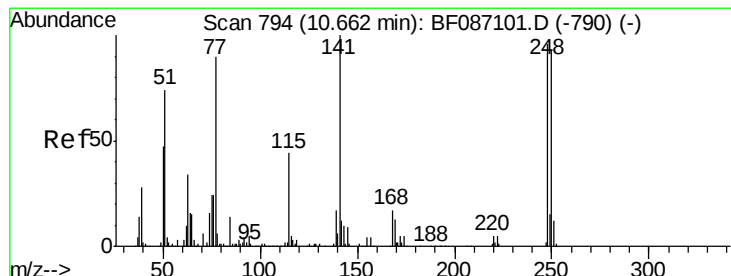
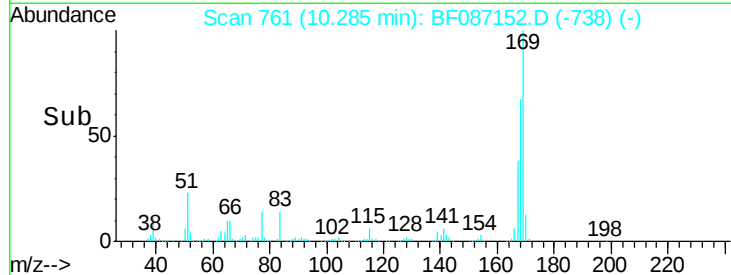
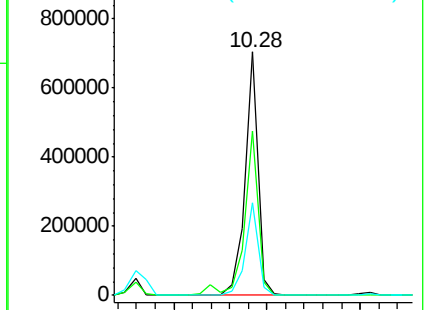
167 38.0 29.5 44.3



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: 38.70 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

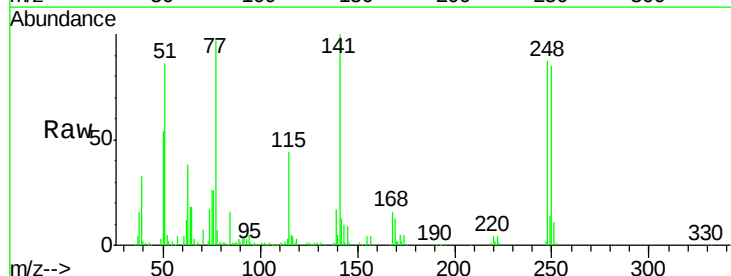
Tgt Ion:248 Resp: 208979

Ion Ratio Lower Upper

248 100

250 98.2 78.6 117.8

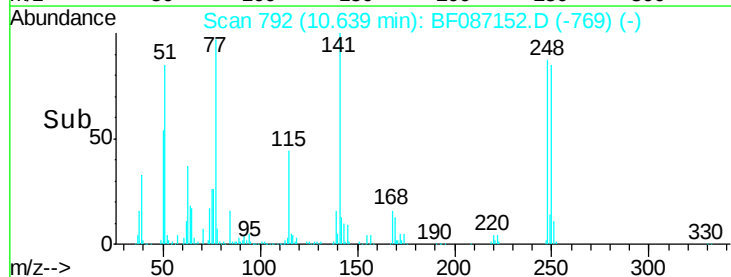
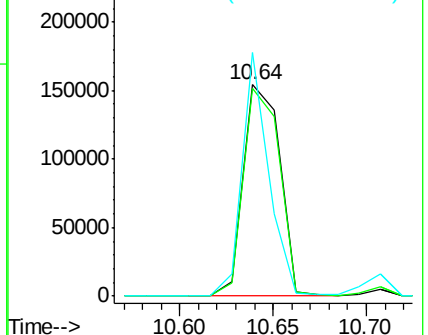
141 115.2 76.0 114.0#

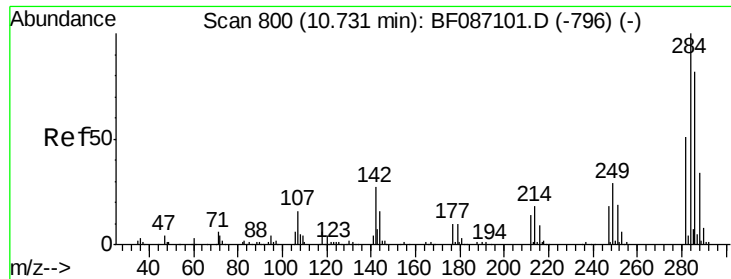


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

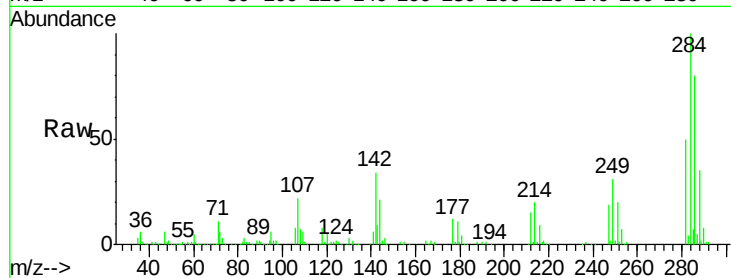




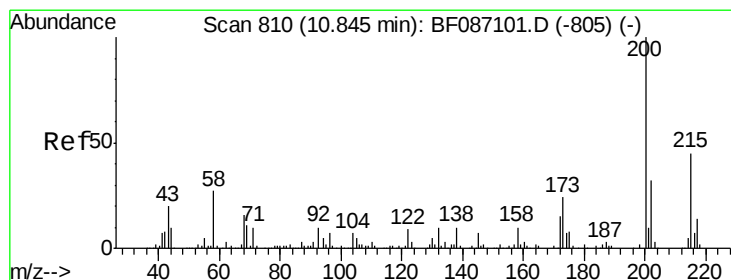
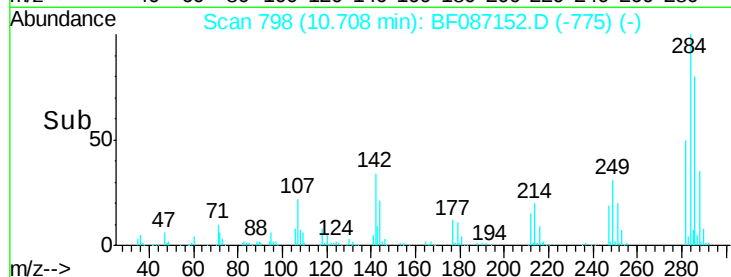
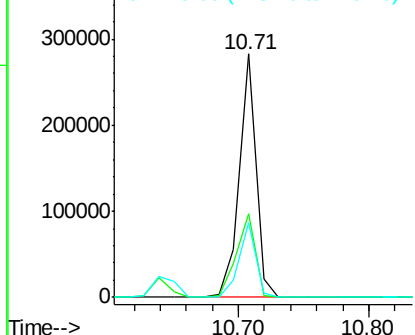
#67
Hexachlorobenzene
Concen: 39.76 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tgt Ion: 284 Resp: 248919
Ion Ratio Lower Upper
284 100
142 34.4 16.7 25.1#
249 30.8 21.3 31.9

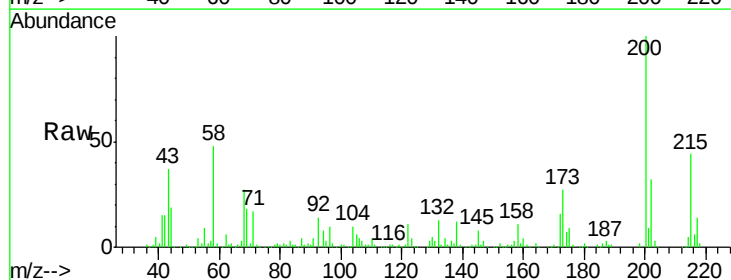


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

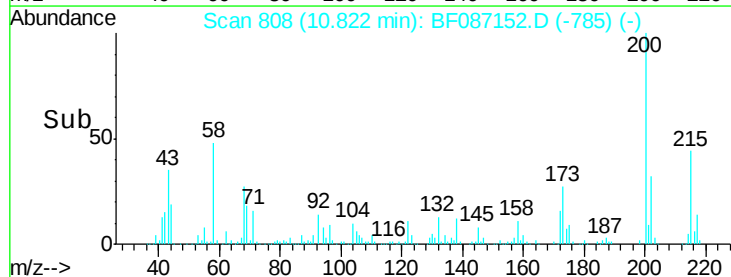
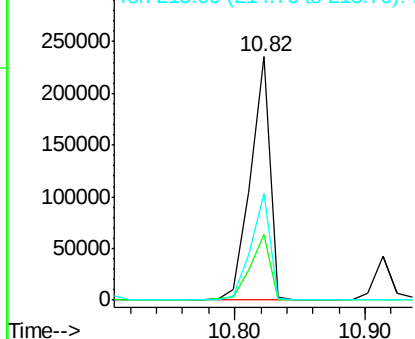


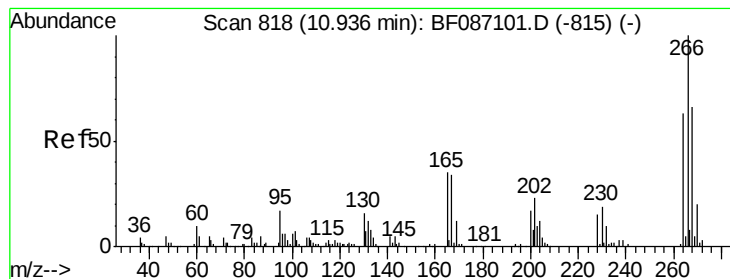
#68
Atrazine
Concen: 45.19 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion: 200 Resp: 243635
Ion Ratio Lower Upper
200 100
173 26.8 8.5 48.5
215 44.1 27.2 67.2



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

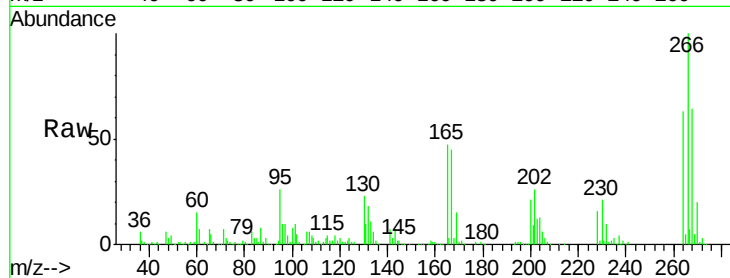




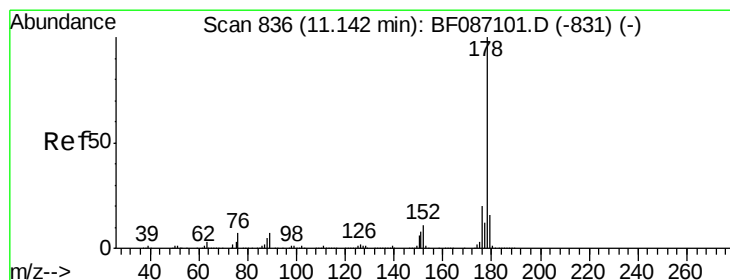
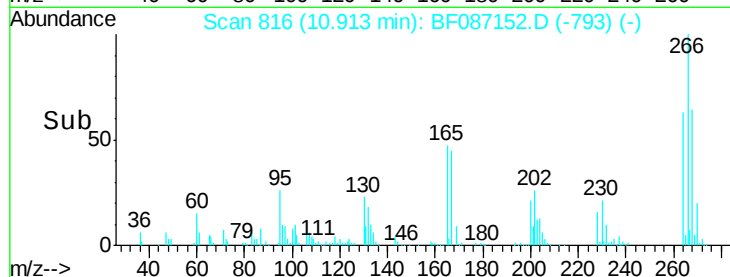
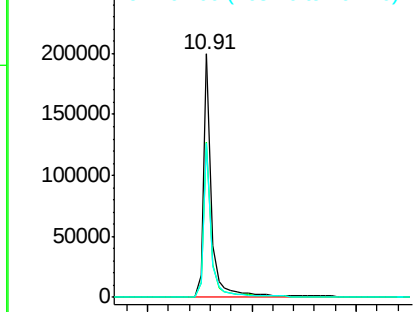
#69
 Pentachlorophenol
 Concen: 92.66 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion: 266 Resp: 217927
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.5 77.3
 264 63.3 52.9 79.3

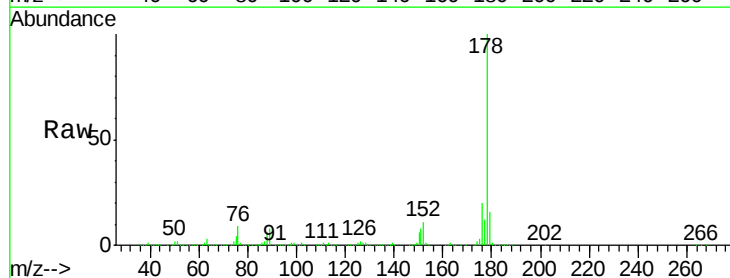


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

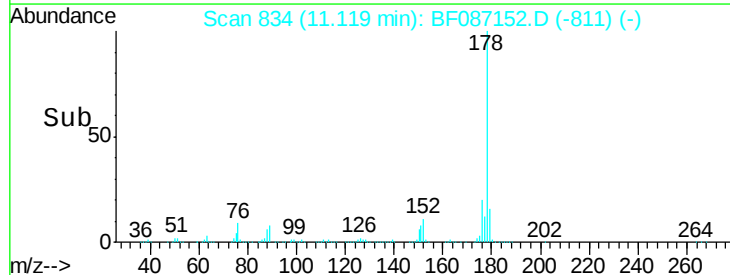
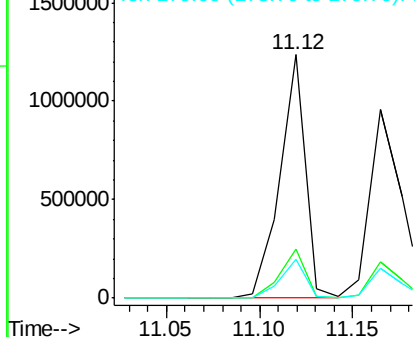


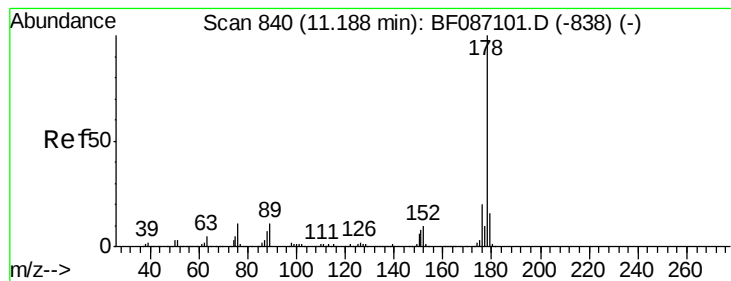
#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion: 178 Resp: 1174370
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.8 12.6 18.8



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





#71

Anthracene

Concen: 38.29 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

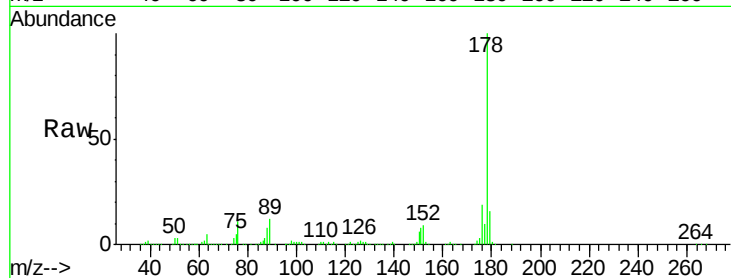
Tgt Ion:178 Resp: 1103065

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

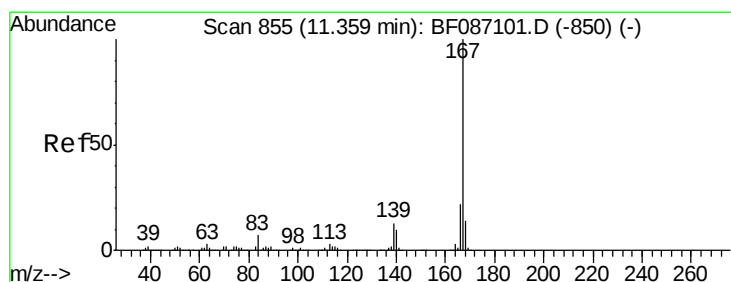
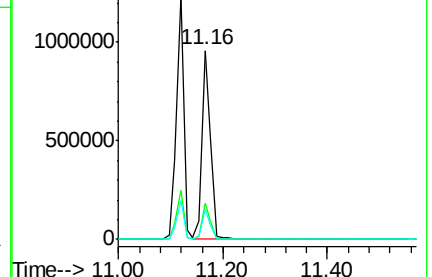
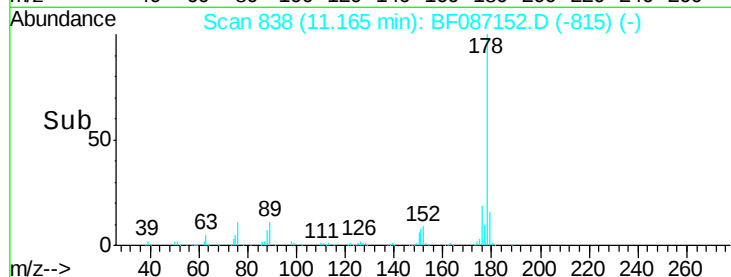
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.01 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

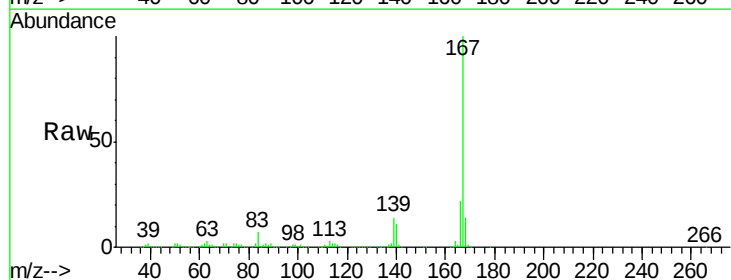
Tgt Ion:167 Resp: 1158069

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

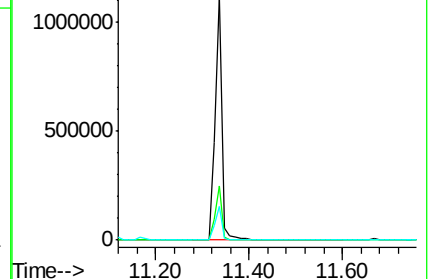
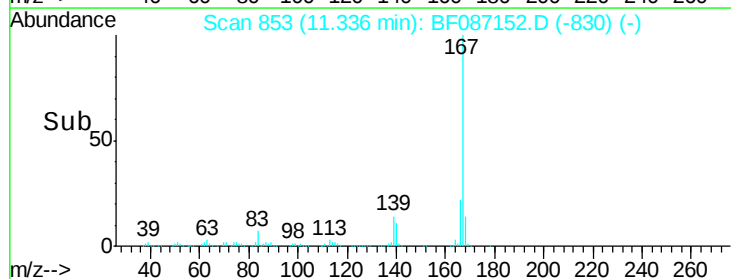
139 13.8 10.8 16.2

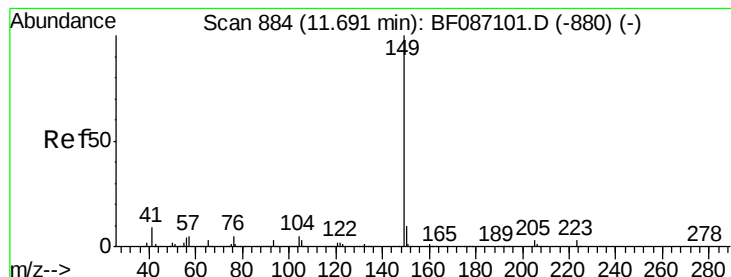


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.88 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

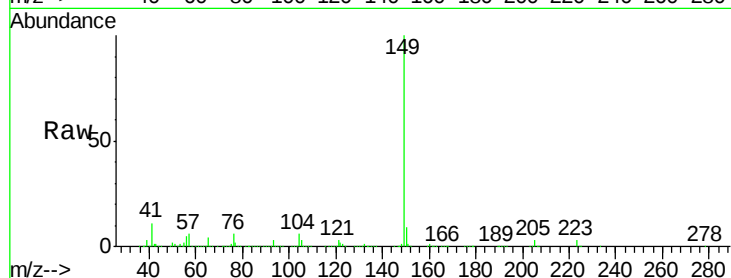
Tgt Ion:149 Resp: 1265855

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

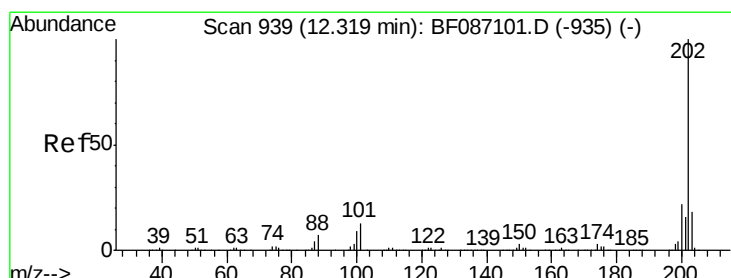
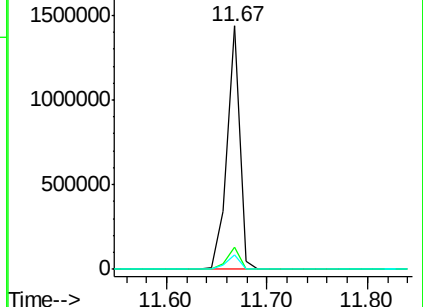
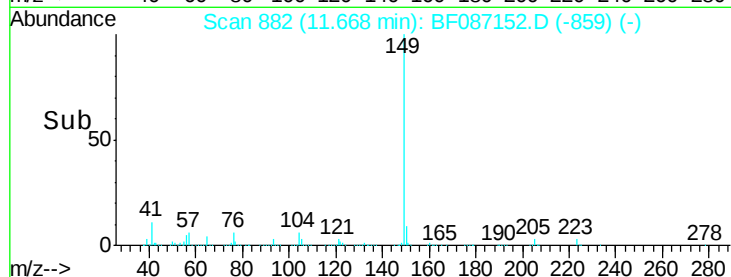
104 5.8 3.8 5.6#



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: 38.71 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

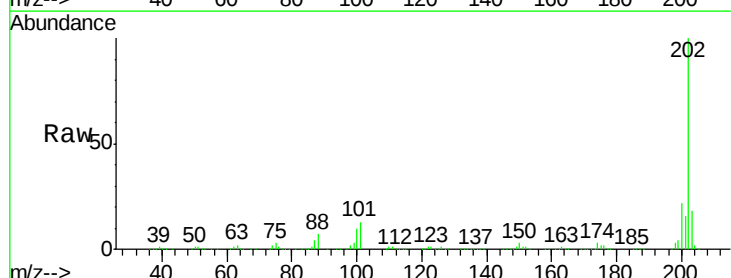
Tgt Ion:202 Resp: 1104649

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

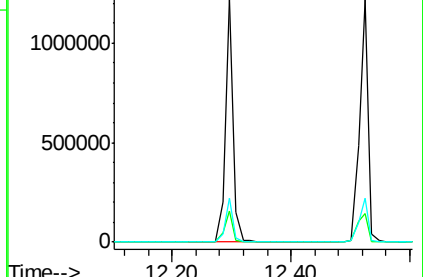
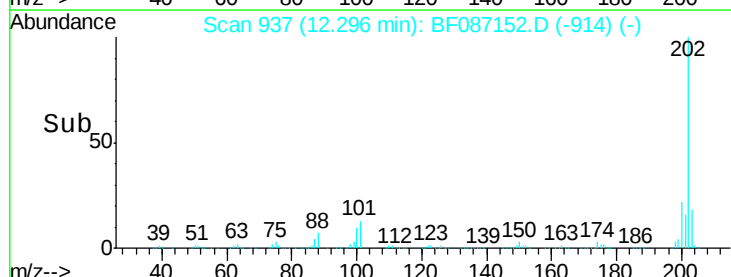
203 18.0 0.0 38.1

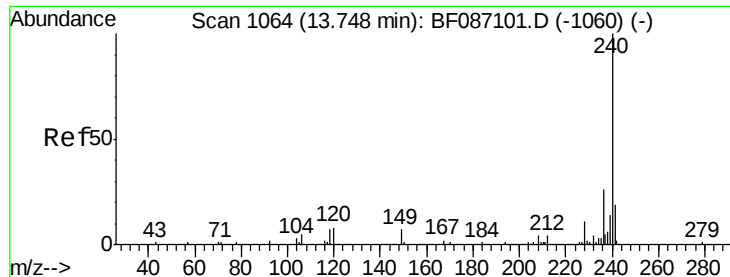


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

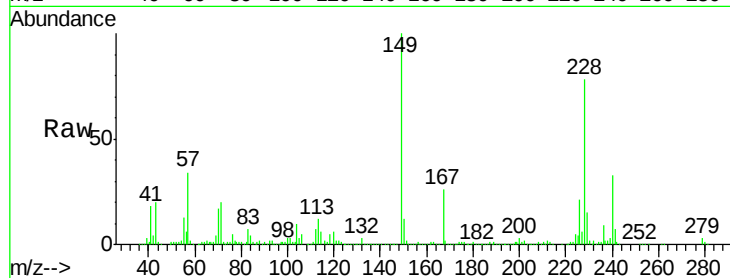
Tgt Ion:240 Resp: 352640

Ion Ratio Lower Upper

240 100

120 17.7 11.2 16.8#

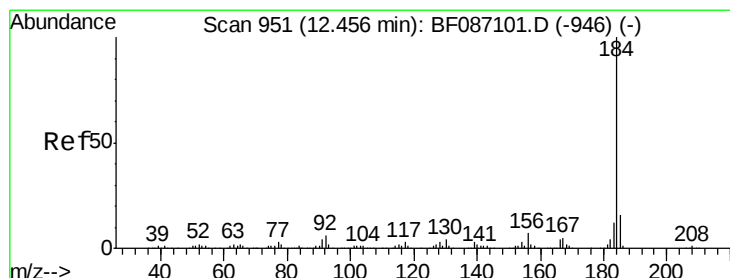
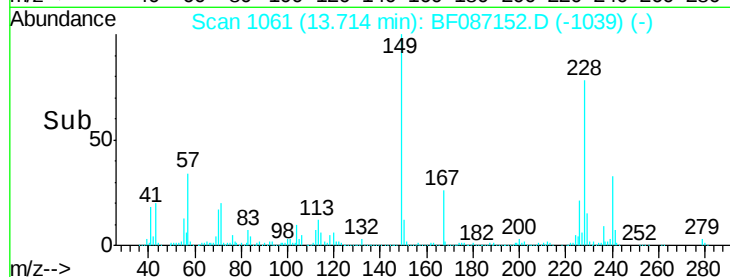
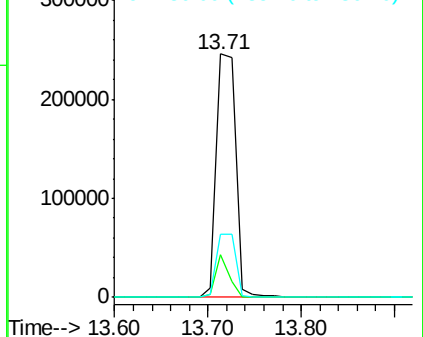
236 25.8 21.2 31.8



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: 3.25 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

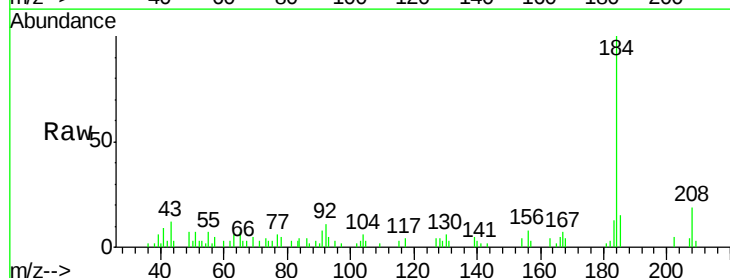
Tgt Ion:184 Resp: 30594

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

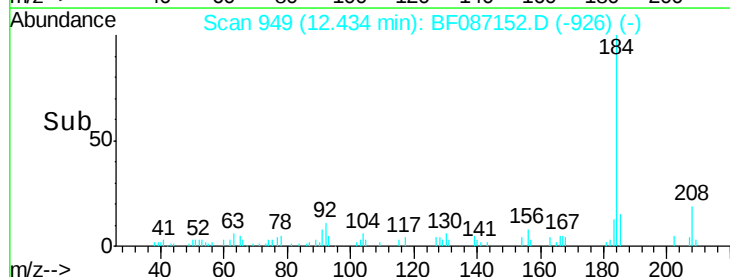
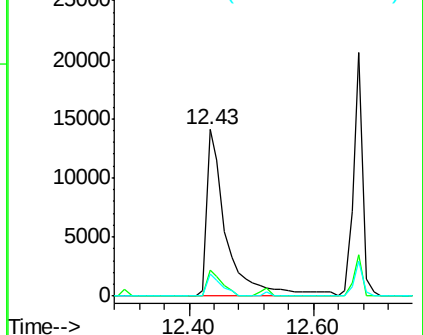
183 13.2 9.8 14.6

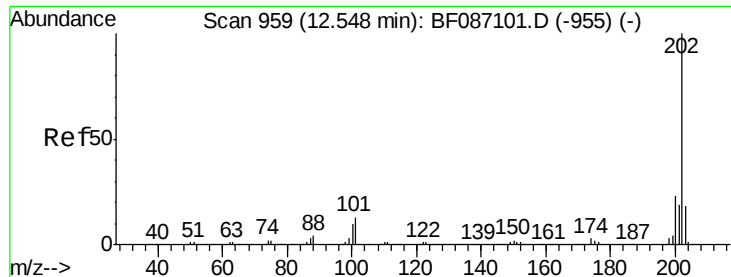


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

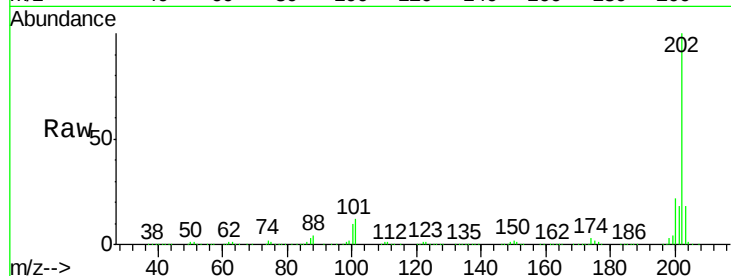




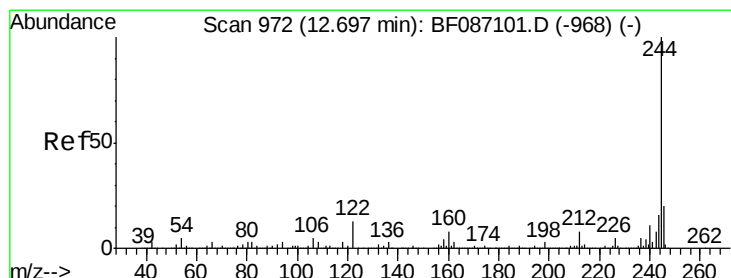
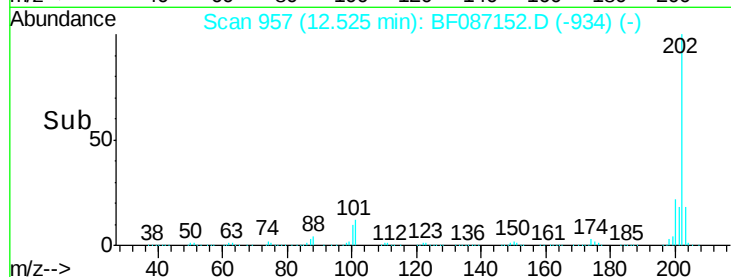
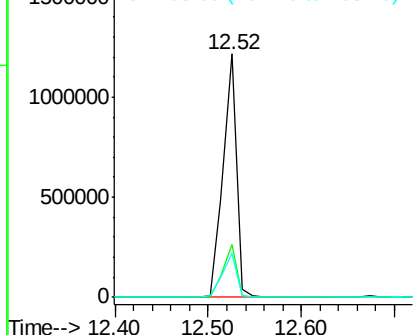
#77
 Pyrene
 Concen: 47.56 ng
 RT: 12.52 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion: 202 Resp: 1211484
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 17.9 14.2 21.4

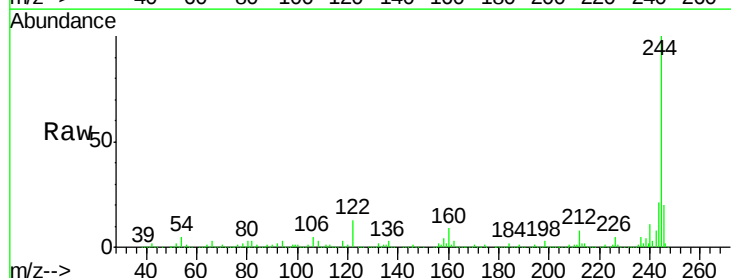


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

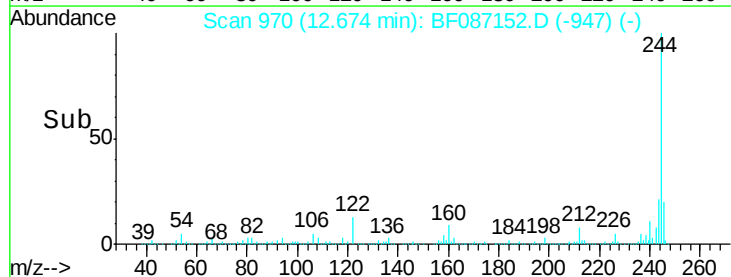
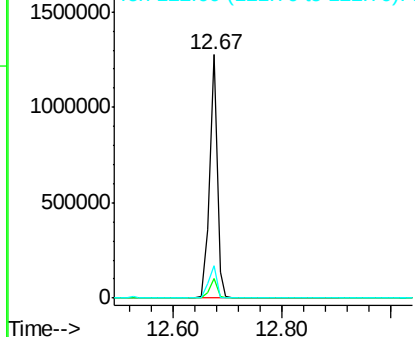


#78
 Terphenyl-d14
 Concen: 79.29 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion: 244 Resp: 1236094
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.1 12.0 18.0



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

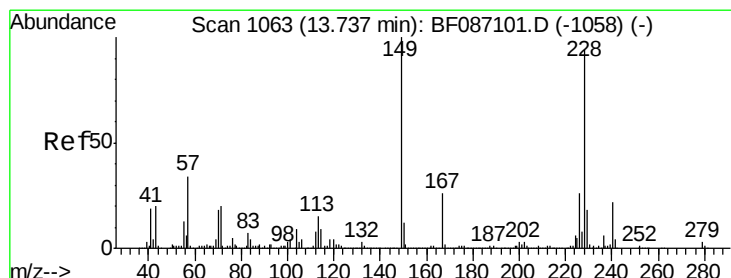
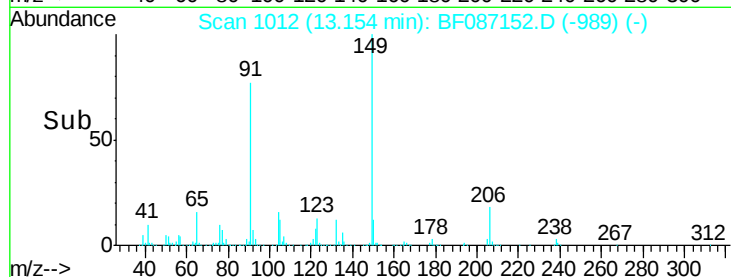
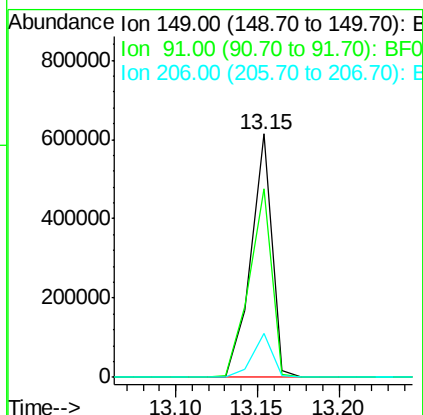
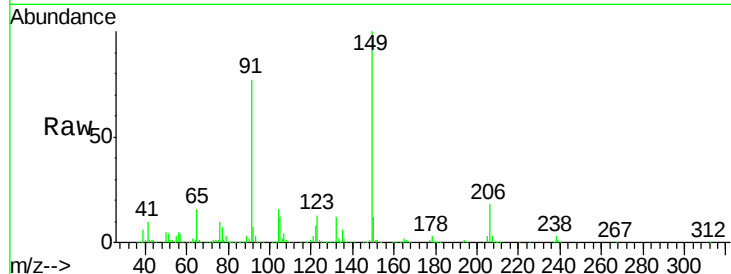




#79
Butylbenzylphthalate
Concen: 51.23 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

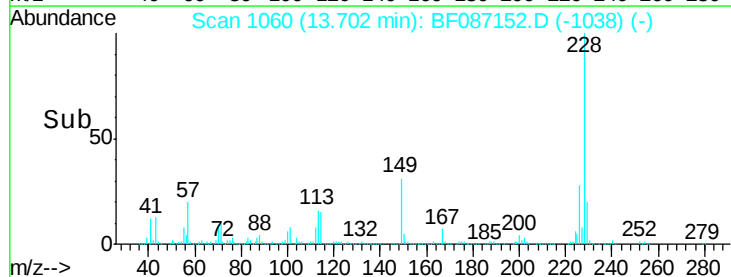
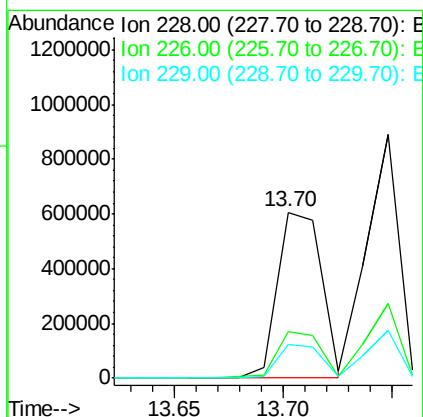
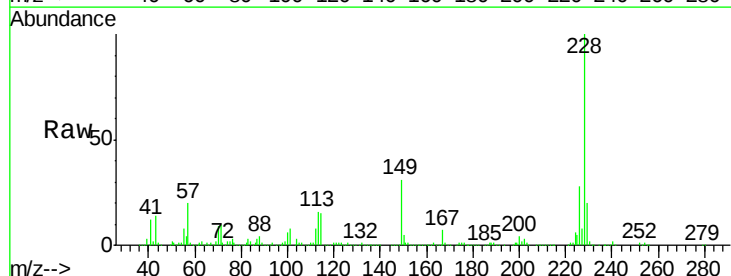
Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

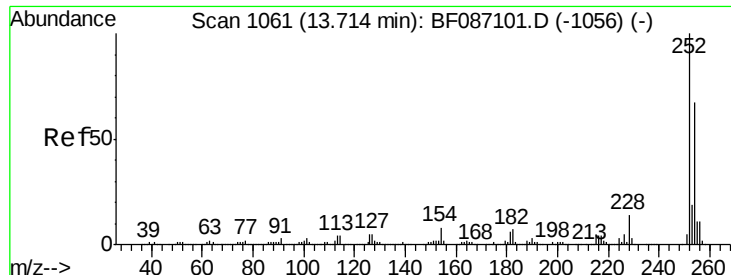
Tgt Ion:	149	Resp:	550968
Ion Ratio	Lower	Upper	
149	100		
91	77.5	48.0	72.0#
206	18.1	15.8	23.6



#80
Benzo(a)anthracene
Concen: 42.01 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.05 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:	228	Resp:	856666
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.5	33.7
229	20.1	16.6	25.0

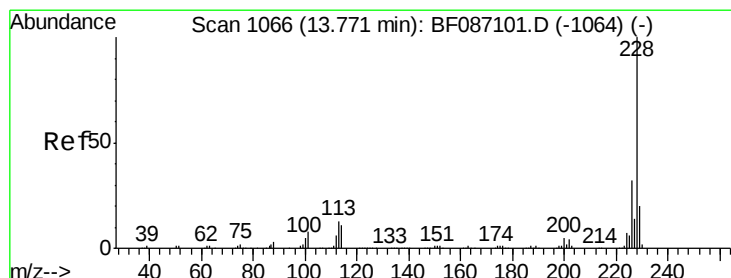
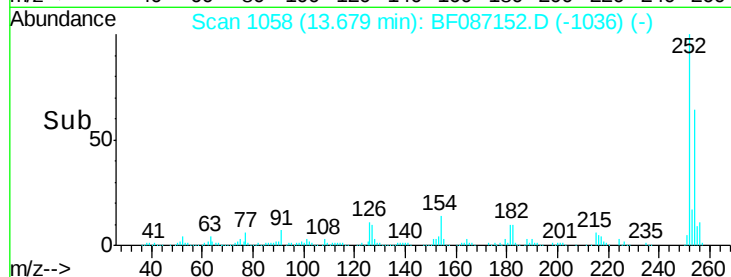
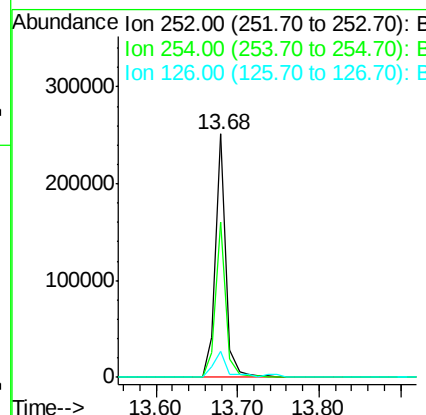
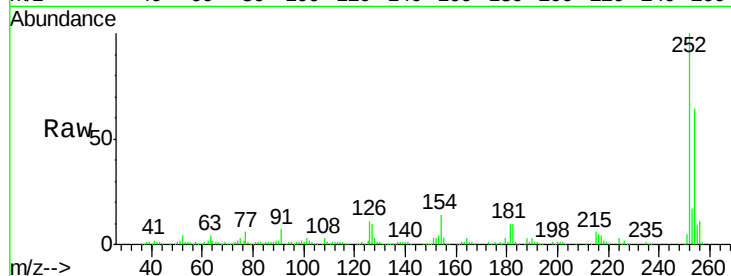




#81
 3,3'-Dichlorobenzidine
 Concen: 17.76 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

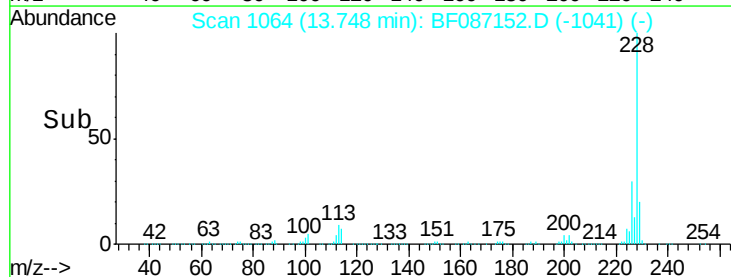
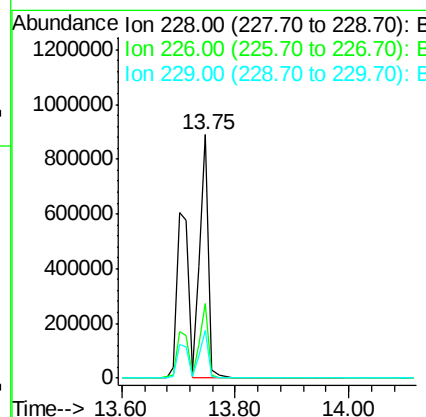
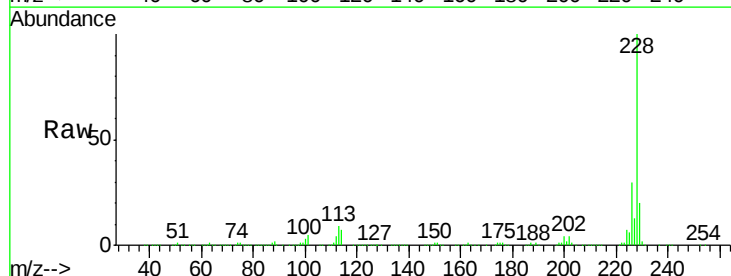
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tgt Ion: 252 Resp: 230417
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 10.6 12.7 19.1#



#82
 Chrysene
 Concen: 47.32 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion: 228 Resp: 933532
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.5 15.8 23.8

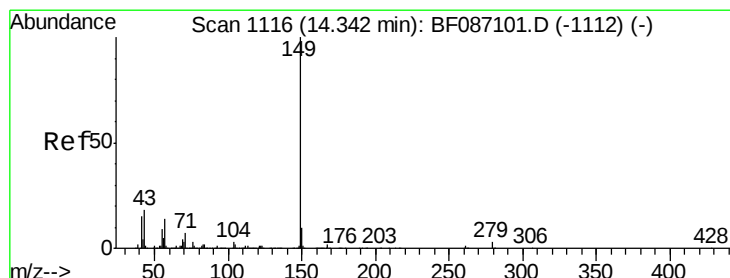
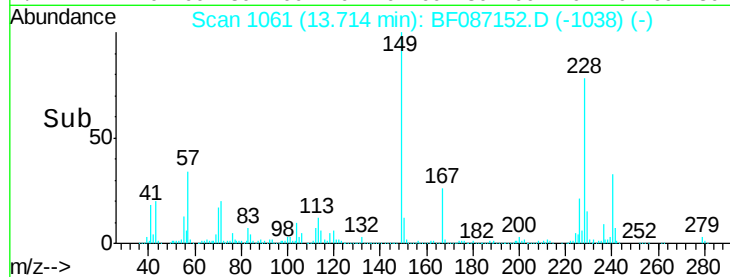
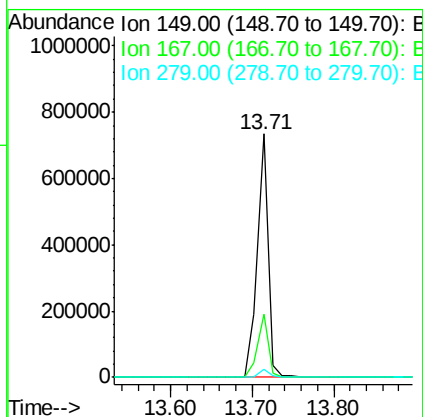
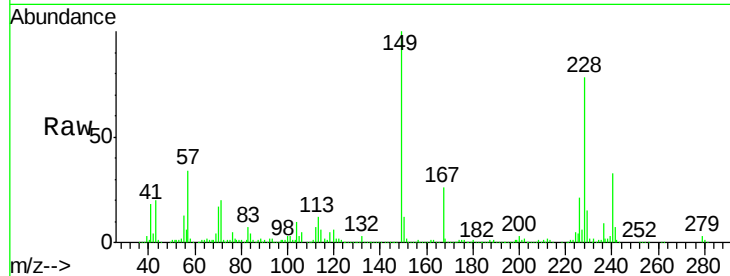




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.03 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

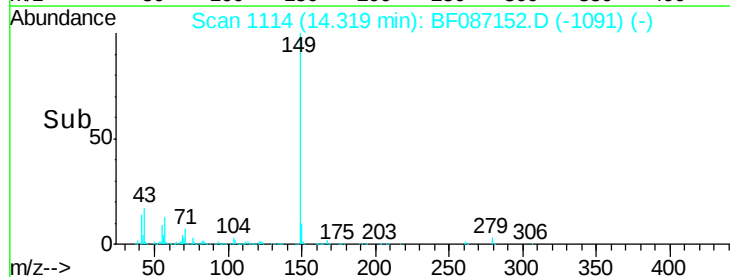
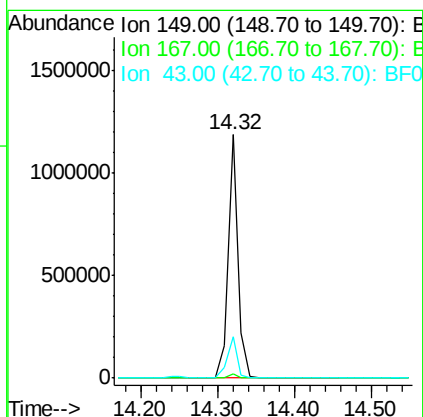
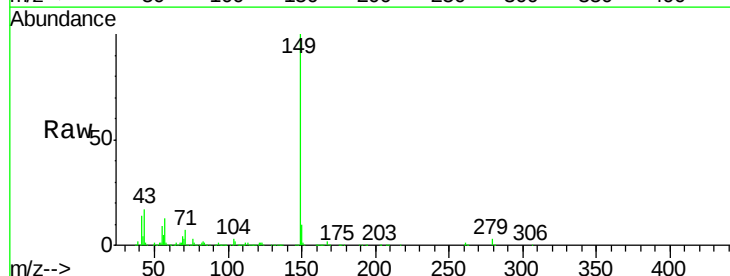
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

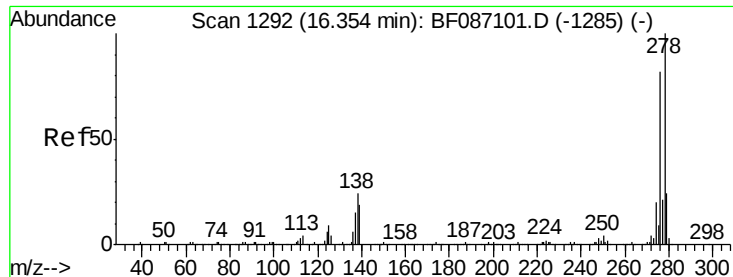
Tgt Ion:149 Resp: 667870
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.8 32.6
 279 3.3 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 48.34 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:149 Resp: 1089965
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 16.9 8.2 12.4#

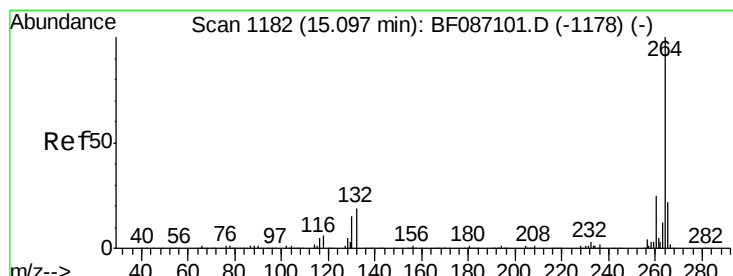
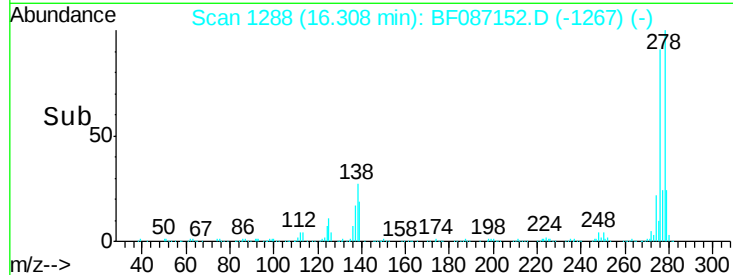
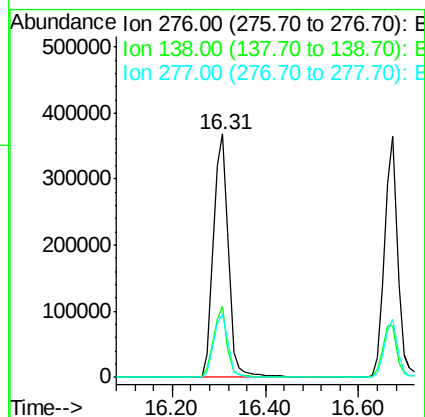
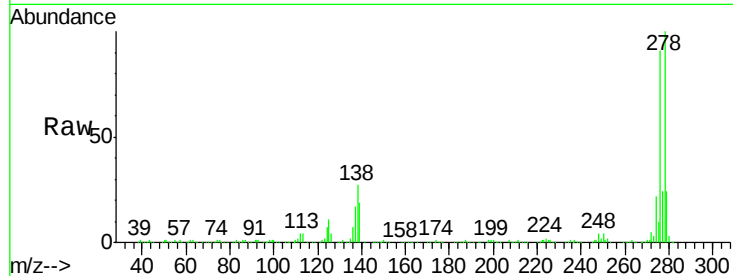




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.35 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

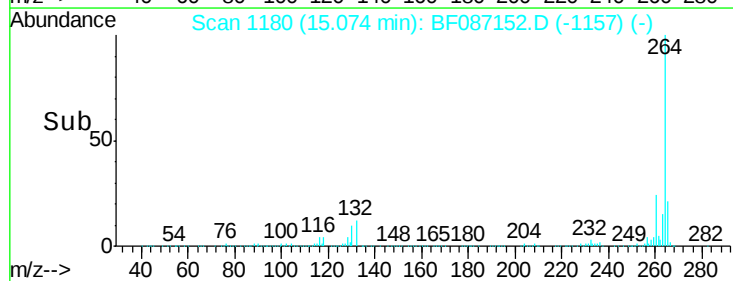
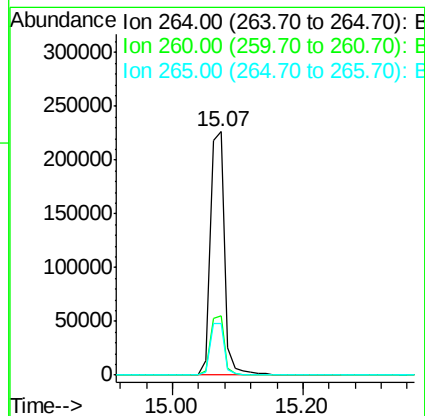
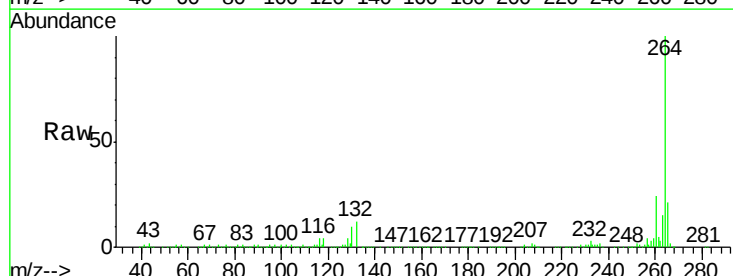
Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

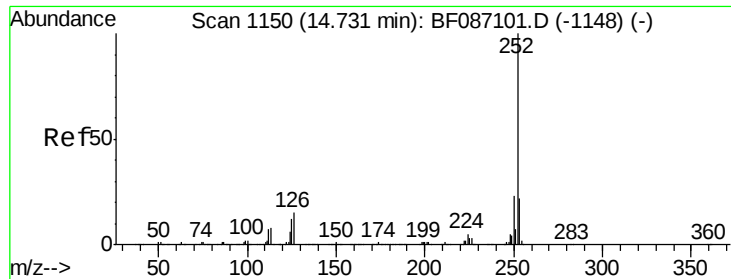
Tgt Ion:	276	Resp:	837167
Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:	264	Resp:	344788
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.1	17.3	25.9

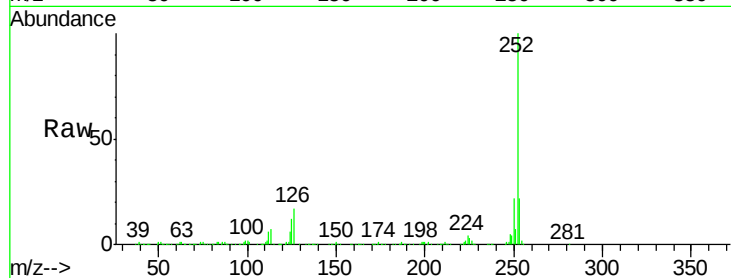




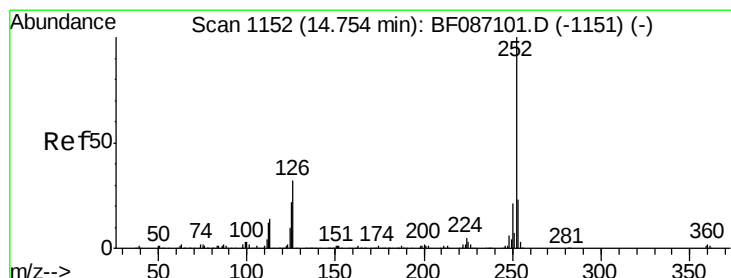
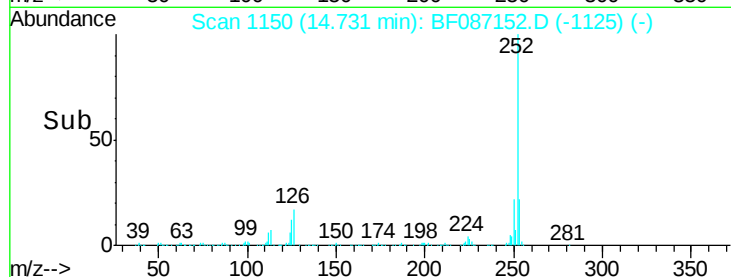
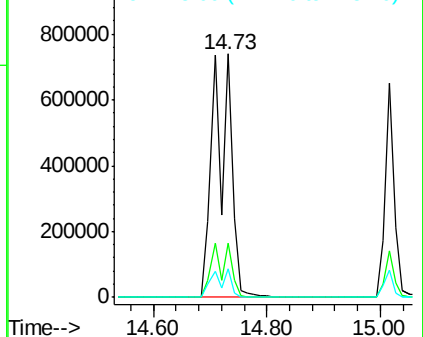
#87
Benzo(b)fluoranthene
Concen: 67.84 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tgt Ion:252 Resp: 1551657
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.8 11.4 17.0

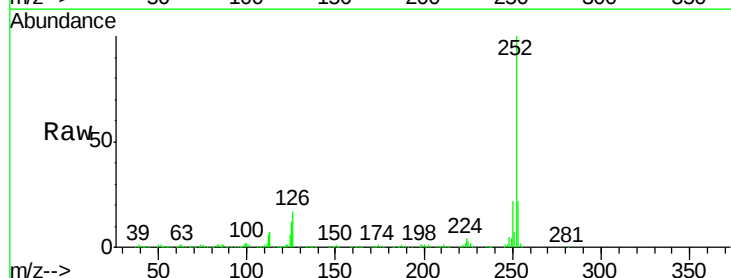


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

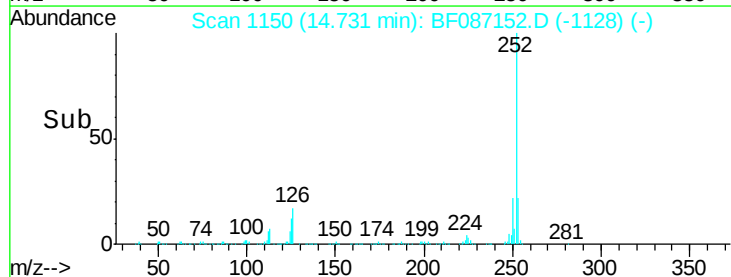
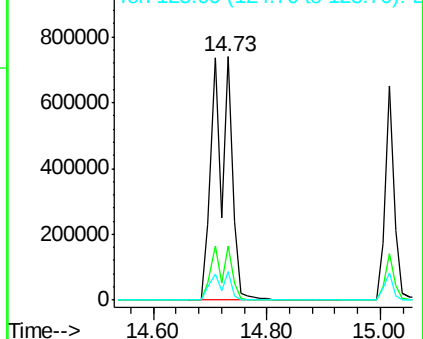


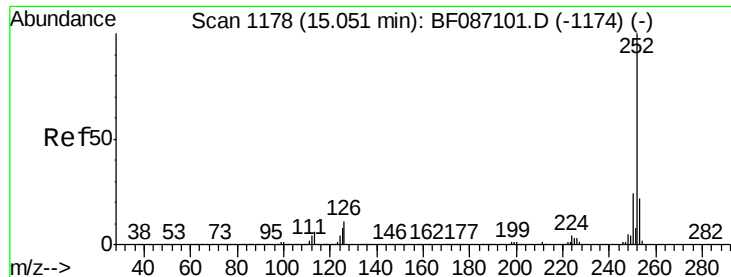
#88
Benzo(k)fluoranthene
Concen: 91.12 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:252 Resp: 1551657
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.8 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: 38.95 ng

RT: 15.02 min Scan# 1175

Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

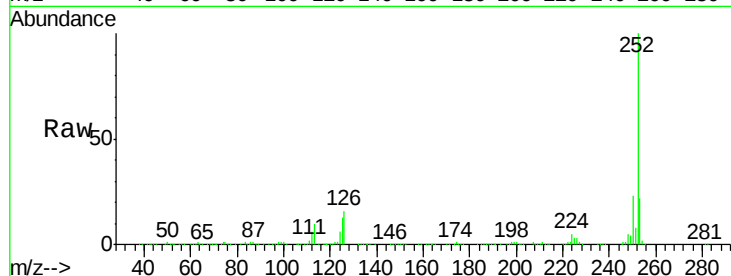
Tgt Ion:252 Resp: 744787

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

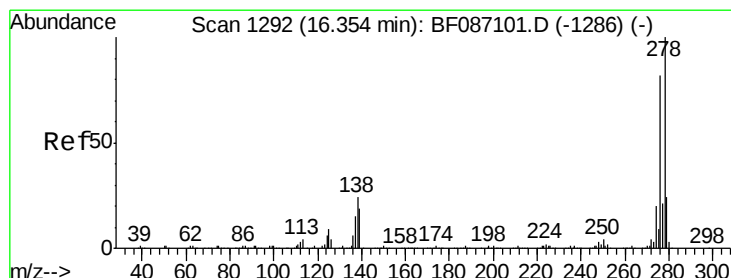
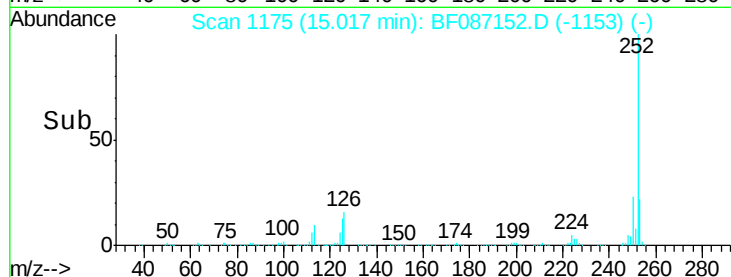
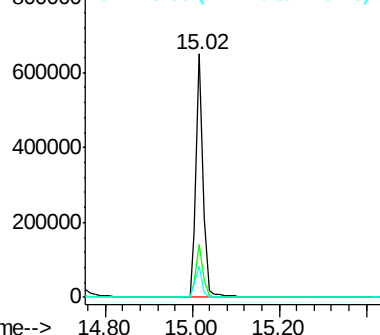
125 12.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.47 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.07 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

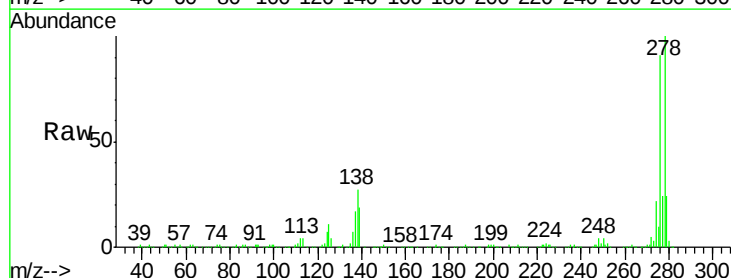
Tgt Ion:278 Resp: 699754

Ion Ratio Lower Upper

278 100

139 18.8 16.6 24.8

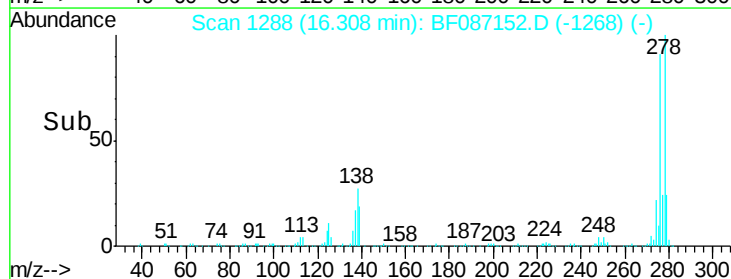
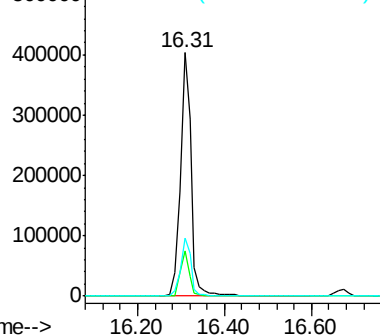
279 24.0 19.6 29.4

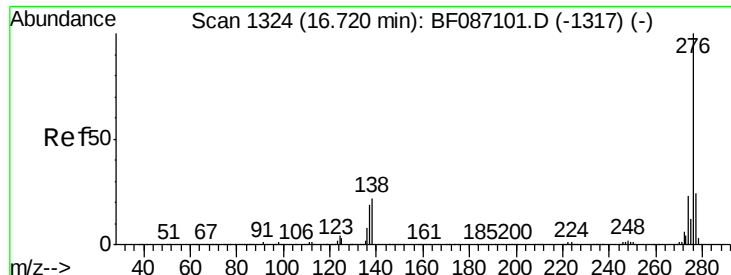


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.00 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.07 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

Tgt Ion: 276 Resp: 715317

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 21.5 23.6 35.4#

