

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

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Manual Integrations
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 5/19/2016 7:06:01 PM

Quant Time: May 19 04:15:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

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

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

Target Compounds						Qvalue
2) 1,4-Dioxane	2.07	88	147777	35.17	ng	# 62
3) Pyridine	2.72	79	122653	12.07	ng	# 65
4) n-Nitrosodimethylamine	2.65	42	314146	43.61	ng	# 49
6) Aniline	6.25	93	405131	29.11	ng	# 85
8) 2-Chlorophenol	6.38	128	420509	42.31	ng	97
9) Benzaldehyde	6.12	77	131285	19.17	ng	99
10) Phenol	6.27	94	463434	33.65	ng	96
11) bis(2-Chloroethyl)ether	6.33	93	466822	45.14	ng	90
12) 1,3-Dichlorobenzene	6.51	146	419130m	39.67	ng	
13) 1,4-Dichlorobenzene	6.59	146	437547m	40.48	ng	
14) 1,2-Dichlorobenzene	6.75	146	393305	41.56	ng	97
15) Benzyl Alcohol	6.74	79	380540	46.66	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	866423	40.75	ng	70
17) 2-Methylphenol	6.88	107	336459	41.22	ng	# 80
18) Hexachloroethane	7.08	117	172366	41.71	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	359860	43.21	ng	# 72
20) 3+4-Methylphenols	7.03	107	479424	44.53	ng	# 60
22) Acetophenone	7.00	105	616163	44.87	ng	# 99
24) Nitrobenzene	7.18	77	497088	40.44	ng	98
25) Isophorone	7.42	82	876985	42.55	ng	98
26) 2-Nitrophenol	7.50	139	241016	47.33	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	388462	44.70	ng	88
28) bis(2-Chloroethoxy)methane	7.63	93	515790	45.59	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	355551	46.43	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	380738	44.81	ng	98
31) Naphthalene	7.88	128	1182963	43.15	ng	99
32) Benzoic acid	7.70	122	129894	25.08	ng	# 80
33) 4-Chloroaniline	7.95	127	330898	29.04	ng	# 91
34) Hexachlorobutadiene	8.01	225	220578	45.74	ng	99
35) Caprolactam	8.34	113	112209m	44.01	ng	
36) 4-Chloro-3-methylphenol	8.47	107	407201	44.08	ng	99
37) 2-Methylnaphthalene	8.58	142	788099	44.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	341560	43.99	ng	99
40) Hexachlorocyclopentadiene	8.73	237	237390	79.26	ng	96

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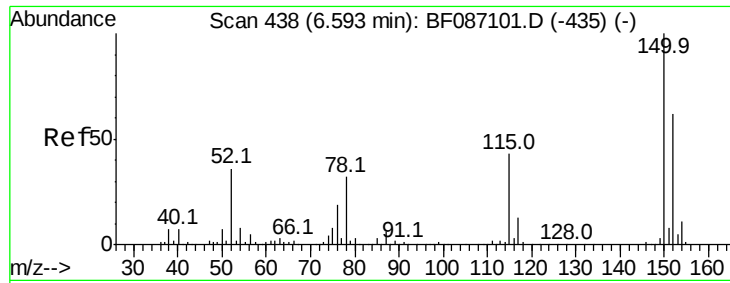
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	218502	43.40	nq	91
43) 2,4,5-Trichlorophenol	8.92	196	231800	44.32	nq	95
45) 1,1'-Biphenyl	9.05	154	1015178	46.06	nq	98
46) 2-Chloronaphthalene	9.07	162	757343	44.76	nq	100
47) 2-Nitroaniline	9.18	65	268705	41.44	nq	# 72
48) Acenaphthylene	9.48	152	1119278	43.32	nq	99
49) Dimethylphthalate	9.36	163	1044776	51.52	nq	99
50) 2,6-Dinitrotoluene	9.43	165	210427	47.79	nq	96
51) Acenaphthene	9.64	154	677238	41.96	nq	98
52) 3-Nitroaniline	9.60	138	168130	35.27	nq	96
53) 2,4-Dinitrophenol	9.71	184	170253	68.23	nq	87
54) Dibenzofuran	9.83	168	996480	47.74	nq	98
55) 4-Nitrophenol	9.79	139	240073m	72.71	nq	
56) 2,4-Dinitrotoluene	9.83	165	224619	39.83	nq	# 73
57) Fluorene	10.16	166	716000	42.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	207066	50.83	nq	97
59) Diethylphthalate	10.06	149	860958	44.48	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	354993	44.66	nq	93
61) 4-Nitroaniline	10.22	138	208053	44.21	nq	86
62) Azobenzene	10.32	77	1072235	48.07	nq	88
64) 4,6-Dinitro-2-methylphenol	10.24	198	138295	40.65	nq	# 62
65) n-Nitrosodiphenylamine	10.28	169	689865	42.43	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	222291	41.84	nq	# 87
67) Hexachlorobenzene	10.71	284	253412	41.14	nq	# 82
68) Atrazine	10.82	200	250237	47.18	nq	93
69) Pentachlorophenol	10.91	266	216681	93.64	nq	97
70) Phenanthrene	11.12	178	1212252	43.26	nq	100
71) Anthracene	11.16	178	1130509	39.89	nq	100
72) Carbazole	11.34	167	1159096	44.77	nq	99
73) Di-n-butylphthalate	11.67	149	1334054	44.86	nq	# 99
74) Fluoranthene	12.30	202	1129416	40.23	nq	98
76) Benzidine	12.43	184	62471	5.62	nq	96
77) Pyrene	12.53	202	1251702	48.64	nq	99
79) Butylbenzylphthalate	13.15	149	586213	53.96	nq	# 82
80) Benzo(a)anthracene	13.70	228	924702	44.90	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	241657	18.44	nq	# 96
82) Chrysene	13.75	228	990524	49.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	709923	53.70	nq	98
84) Di-n-octyl phthalate	14.32	149	1163083	51.07	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.31	276	774686	44.29	nq	95
87) Benzo(b)fluoranthene	14.71	252	862909m	41.35	nq	
88) Benzo(k)fluoranthene	14.73	252	709419m	45.66	nq	
89) Benzo(a)pyrene	15.02	252	738711	42.35	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	648039	44.13	nq	97
91) Benzo(g,h,i)perylene	16.67	276	667757	45.02	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:152 Resp: 137303

Ion Ratio Lower Upper

152 100

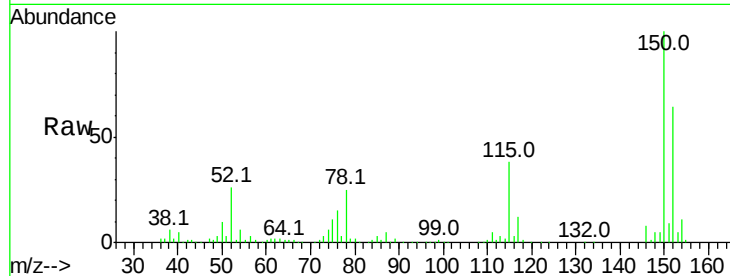
150 155.1 125.8 188.6

115 59.7 51.5 77.3

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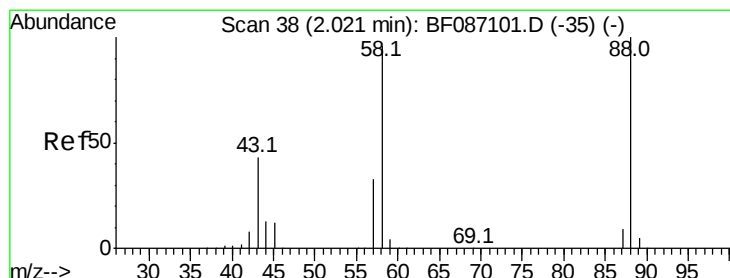
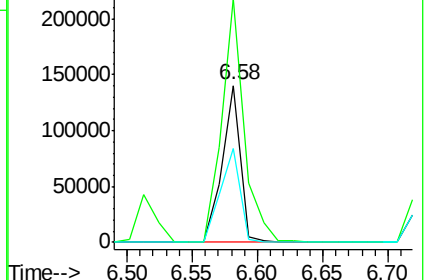
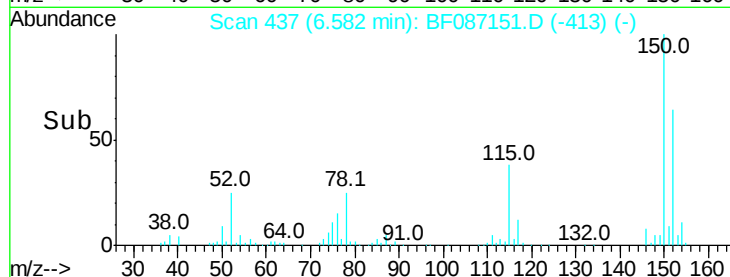
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.17 ng

RT: 2.07 min Scan# 42

Delta R.T. 0.01 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

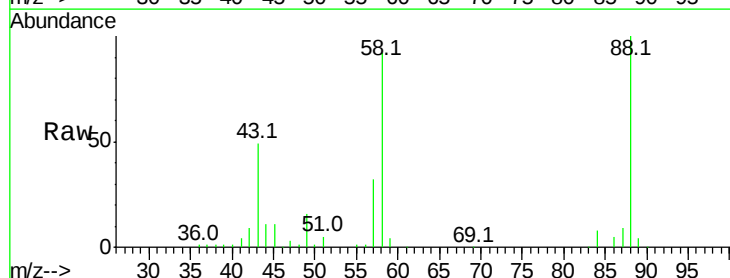
Tgt Ion: 88 Resp: 147777

Ion Ratio Lower Upper

88 100

58 100.1 59.6 89.4#

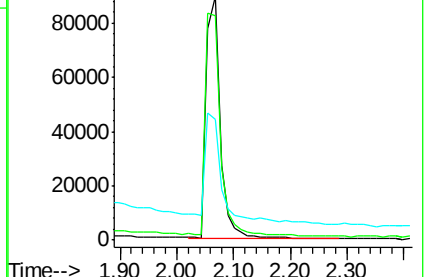
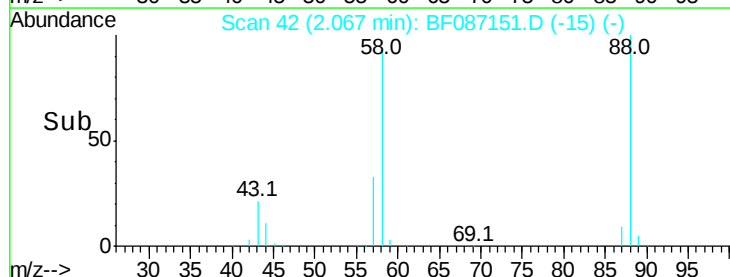
43 58.1 21.8 32.6#

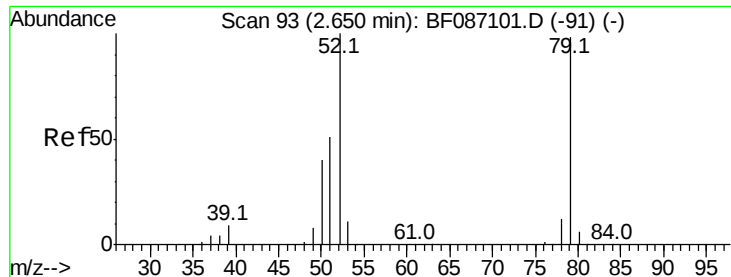


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





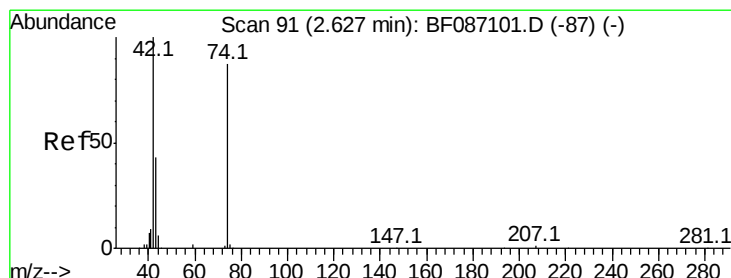
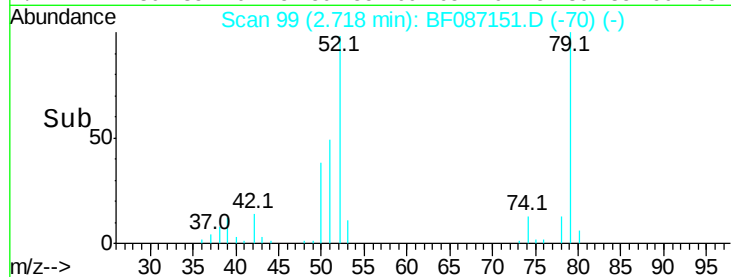
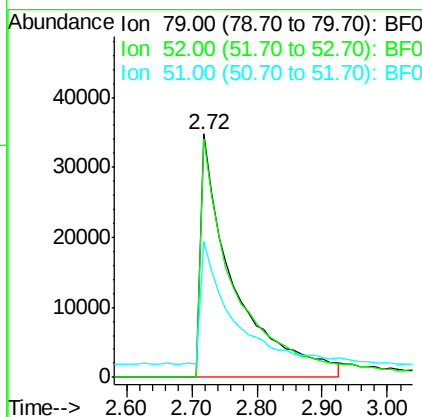
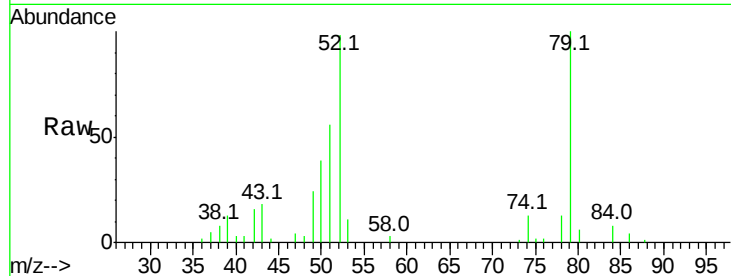
#3
 Pvridine
 Concen: 12.07 ng
 RT: 2.72 min Scan# 99
 Delta R.T. 0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
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 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.0	55.9	83.9#
51	56.1	28.1	42.1#

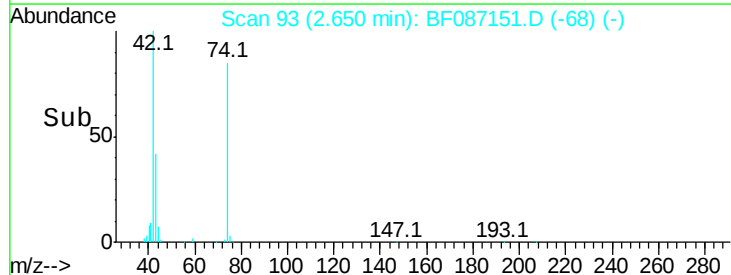
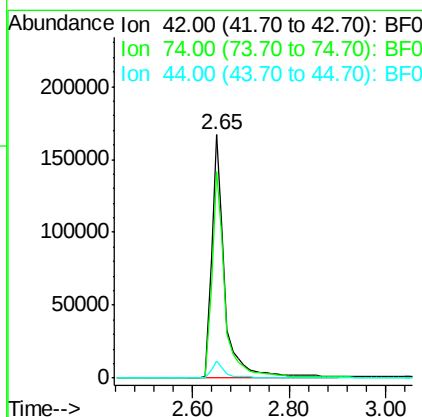
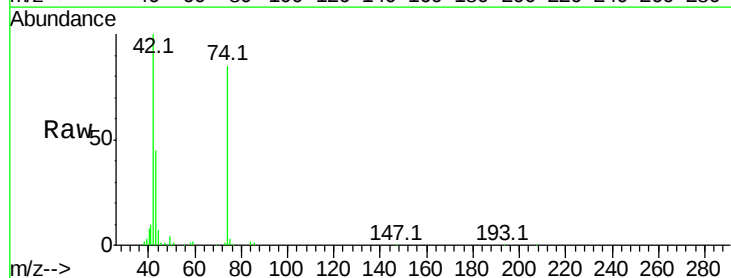
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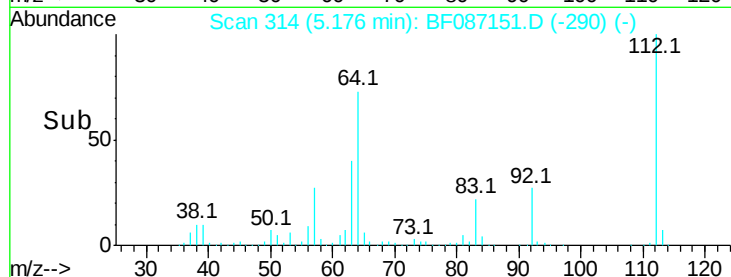
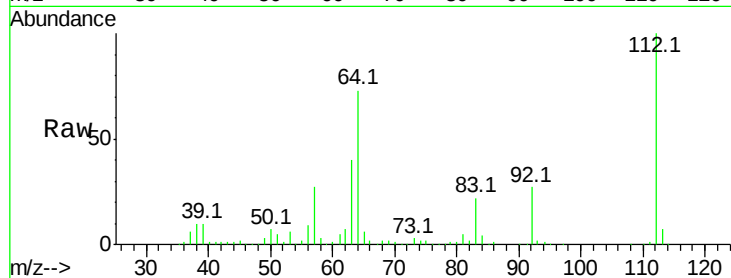
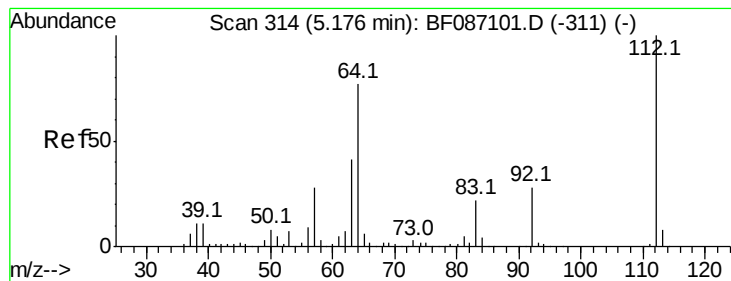
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#4
 n-Nitrosodimethylamine
 Concen: 43.61 ng
 RT: 2.65 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.7	123.4	185.0#
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 127.05 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087151.D

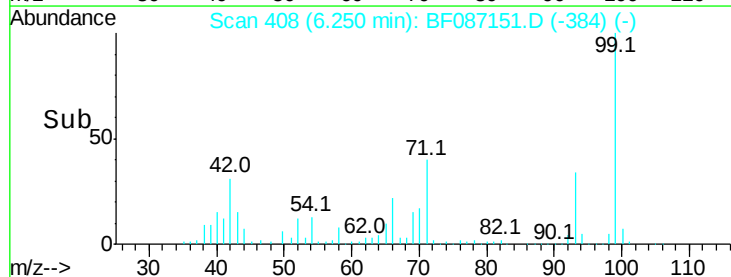
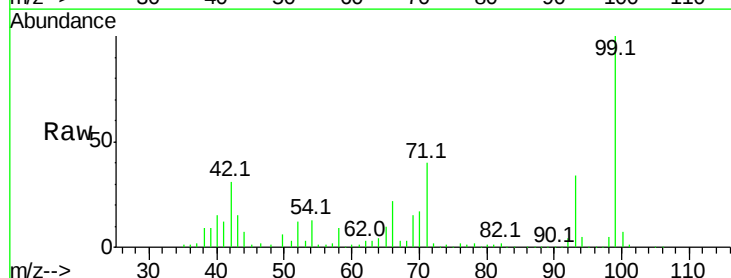
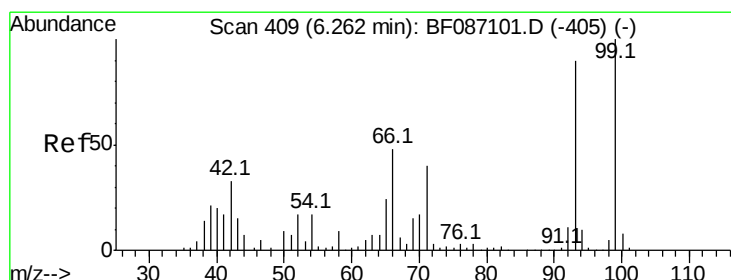
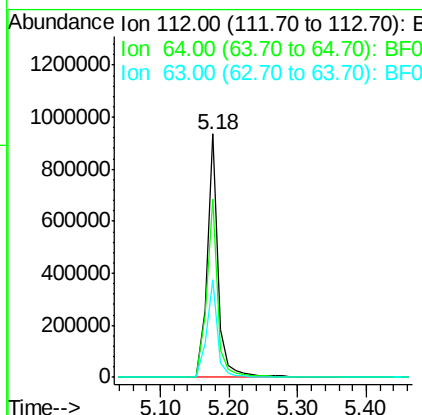
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Tot Ion	Ratio	Lower	Upper
112	100		
64	73.0	52.1	78.1
63	39.9	25.7	38.5

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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#6

Aniline

Concen: 29.11 ng

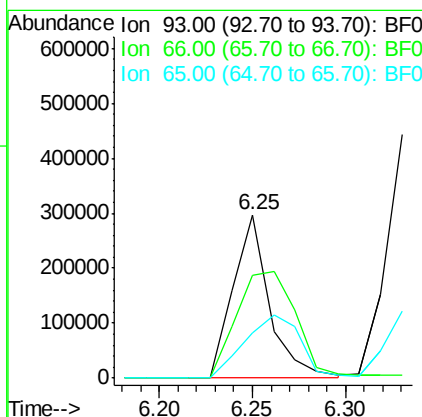
RT: 6.25 min Scan# 408

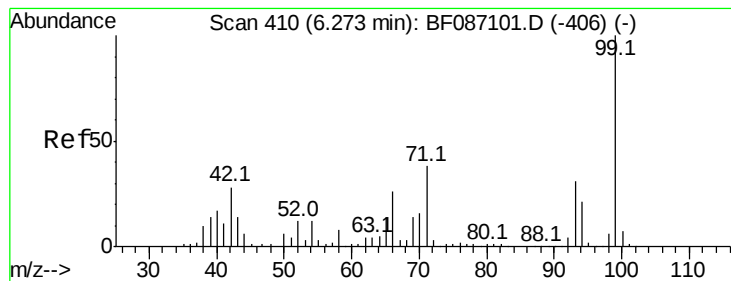
Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Lower	Upper
93	100		
66	63.2	39.0	58.6
65	27.6	20.6	31.0





#7

Phenol-d6

Concen: 128.28 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion: 99 Resp: 1405370

Ion Ratio Lower Upper

99 100

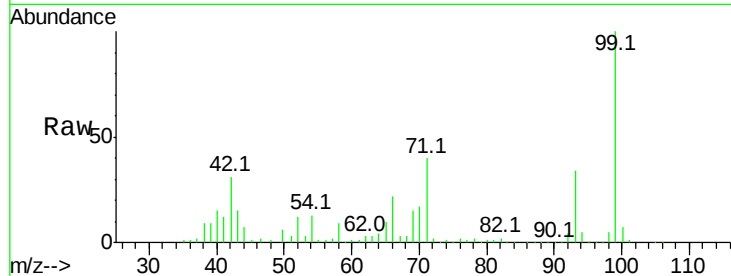
42 30.9 13.6 20.4#

71 39.9 24.6 36.8#

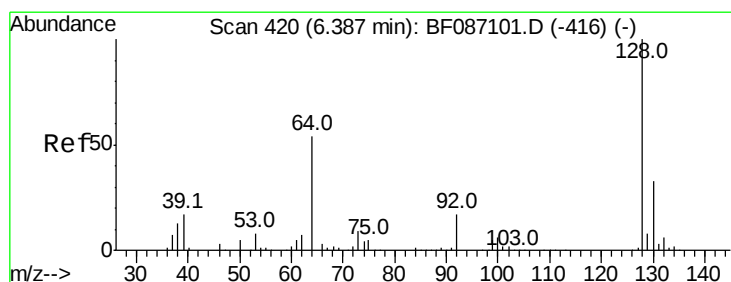
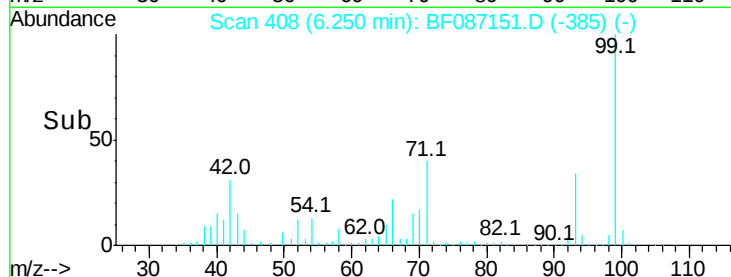
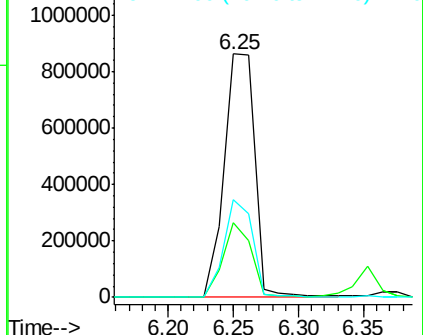
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.31 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

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Acq: 18 May 2016 18:49

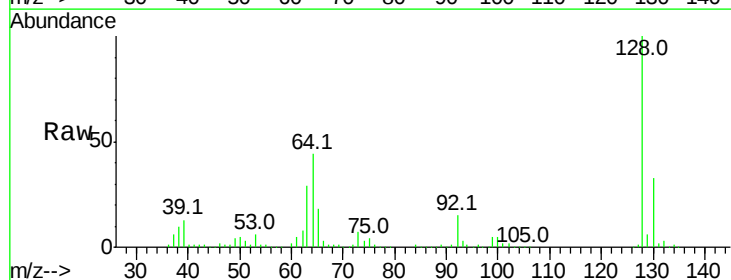
Tgt Ion: 128 Resp: 420509

Ion Ratio Lower Upper

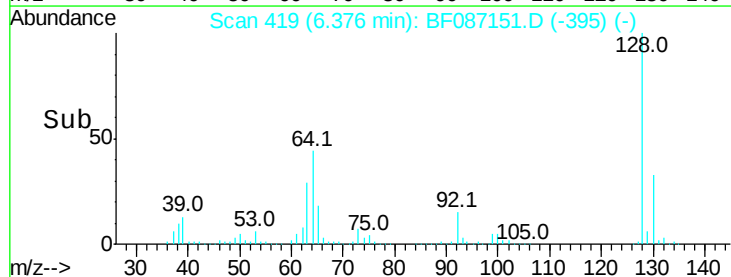
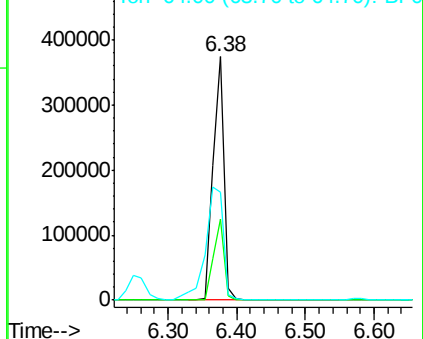
128 100

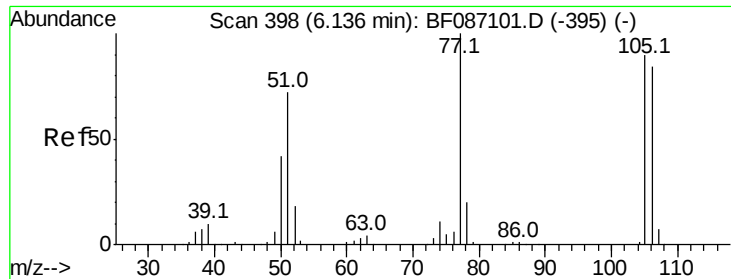
130 33.4 12.5 52.5

64 44.5 27.3 67.3



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





#9

Benzaldehyde

Concen: 19.17 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion: 77 Resp: 131285

Ion Ratio Lower Upper

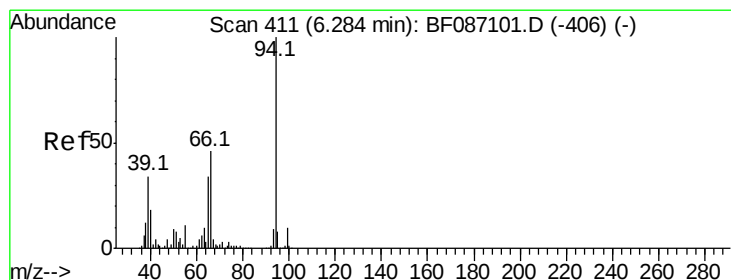
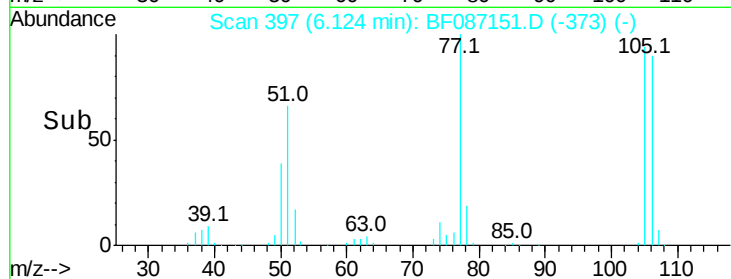
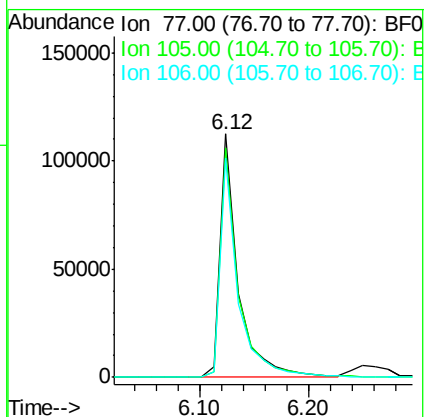
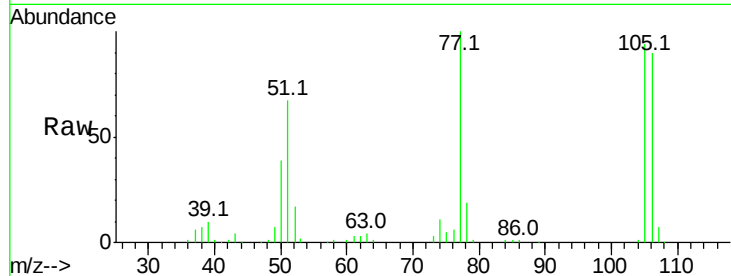
77 100

105 94.4 72.7 112.7

106 90.0 70.8 110.8

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#10

Phenol

Concen: 33.65 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

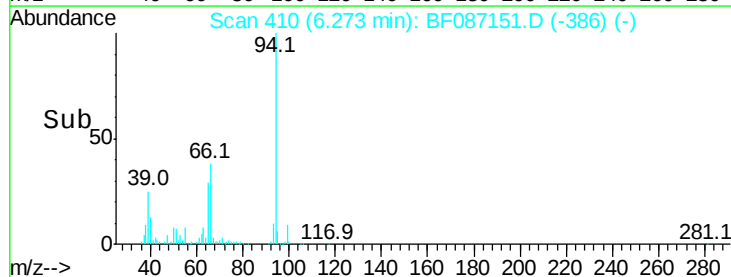
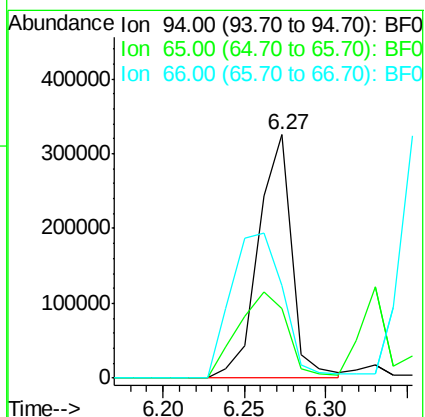
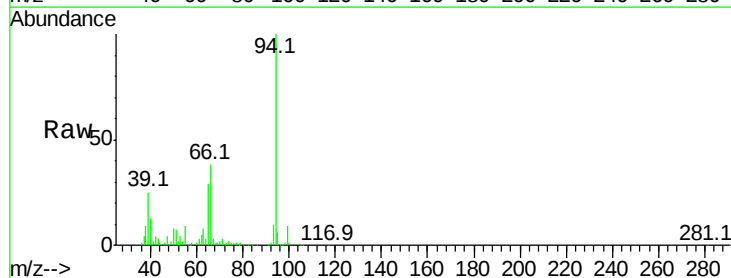
Tgt Ion: 94 Resp: 463434

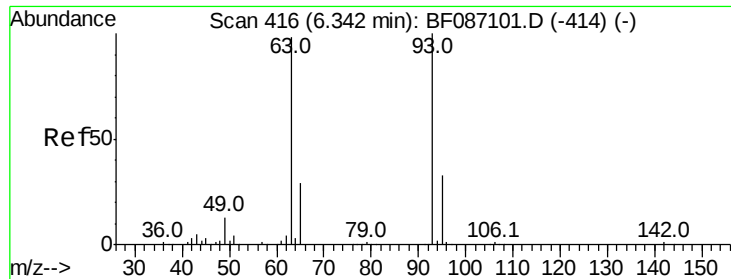
Ion Ratio Lower Upper

94 100

65 28.8 7.2 47.2

66 38.0 14.9 54.9





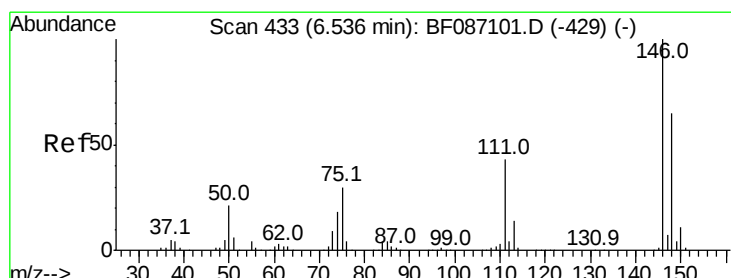
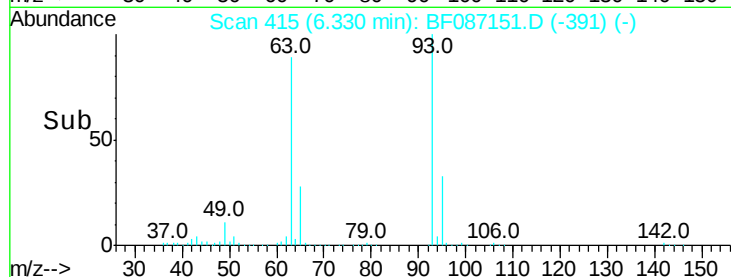
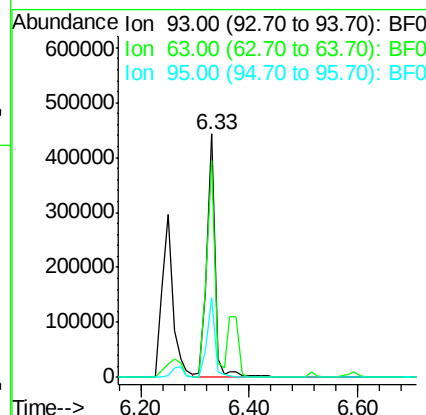
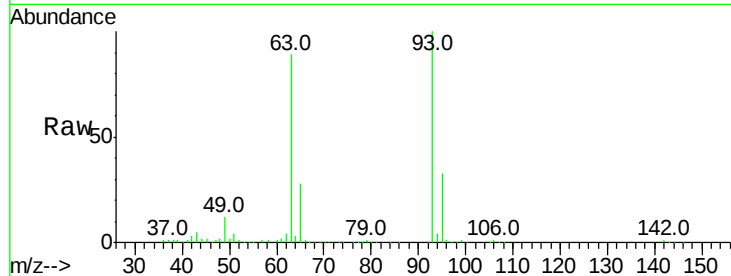
#11
bis(2-Chloroethyl)ether
Concen: 45.14 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	466822		
63	89.3	58.0	98.0	
95	32.8	11.9	51.9	

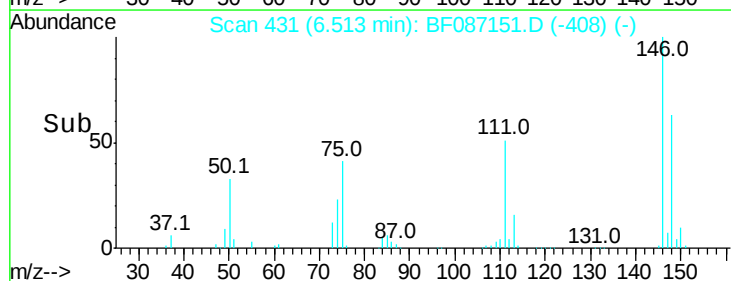
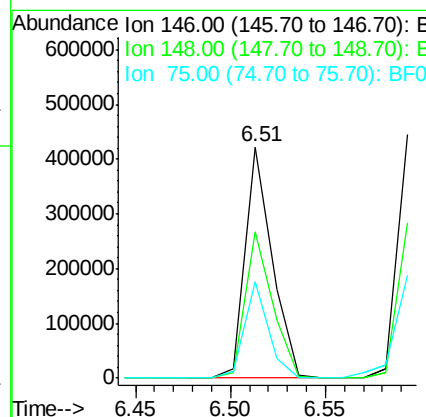
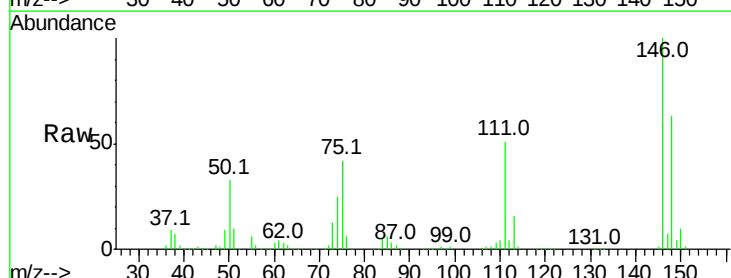
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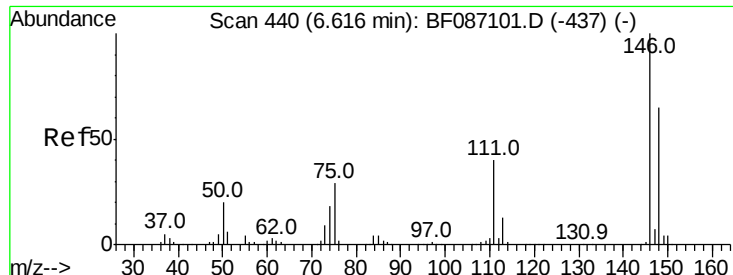
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#12
1,3-Dichlorobenzene
Concen: 39.67 ng m
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	419130		
148	63.3	52.4	78.6	
75	41.8	22.8	34.2	





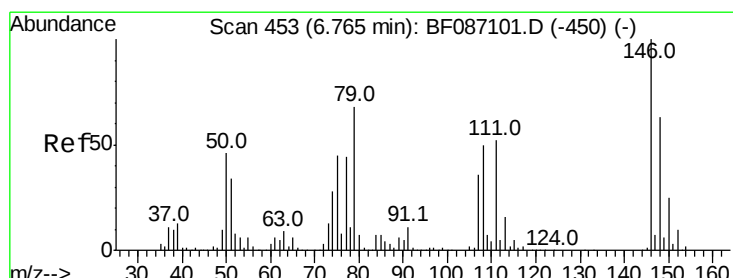
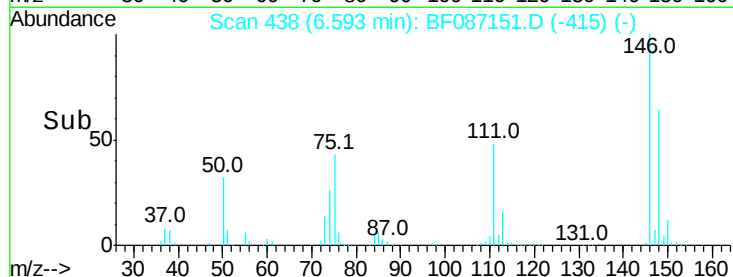
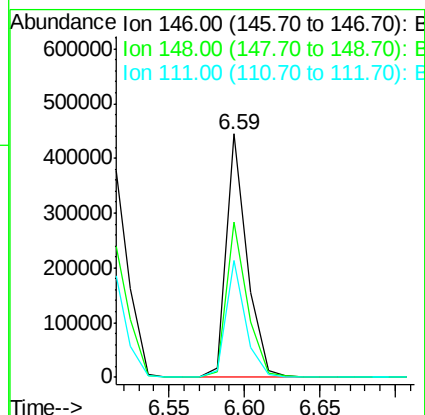
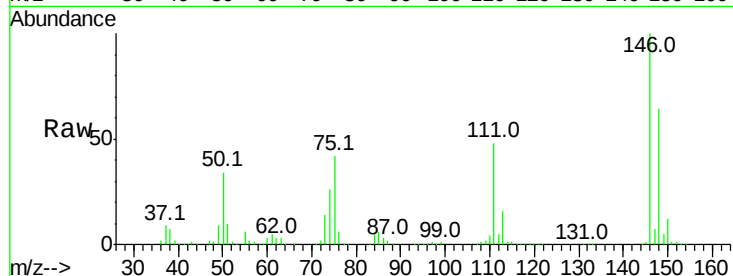
#13
 1,4-Dichlorobenzene
 Concen: 40.48 ng/ml
 RT: 6.59 min Scan# 438
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
111	48.3	30.7	46.1

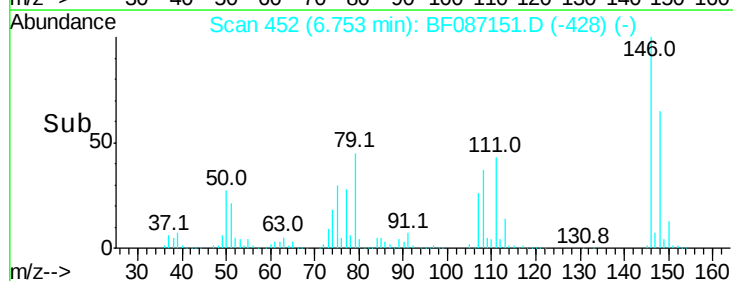
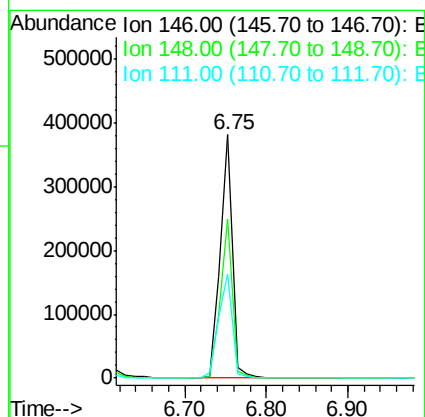
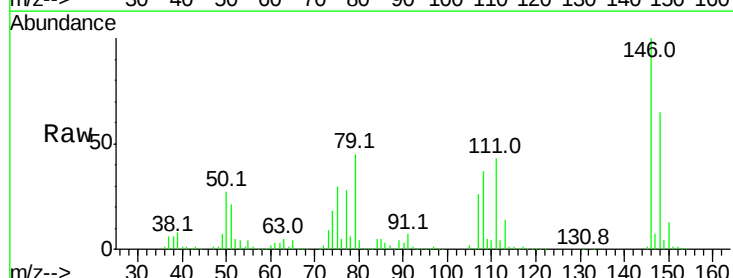
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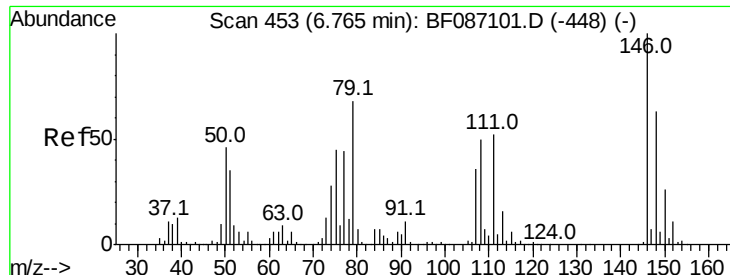
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#14
 1,2-Dichlorobenzene
 Concen: 41.56 ng/ml
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





#15

Benzyl Alcohol

Concen: 46.66 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion: 79 Resp: 380540

Ion Ratio Lower Upper

79 100

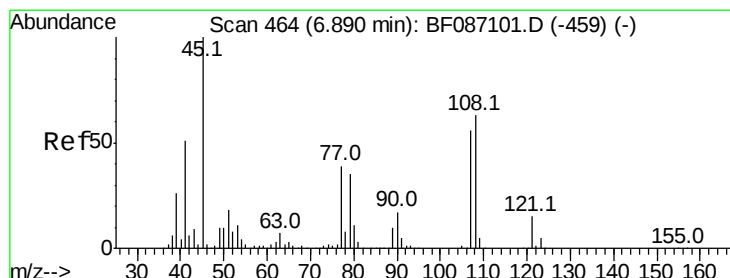
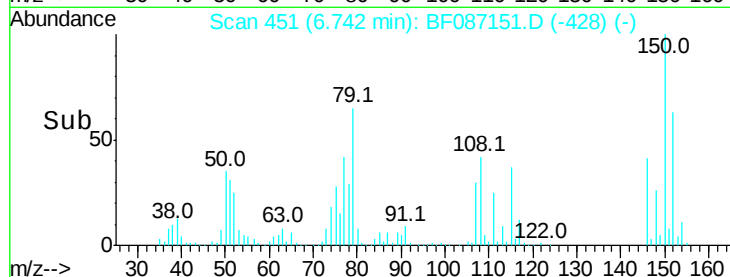
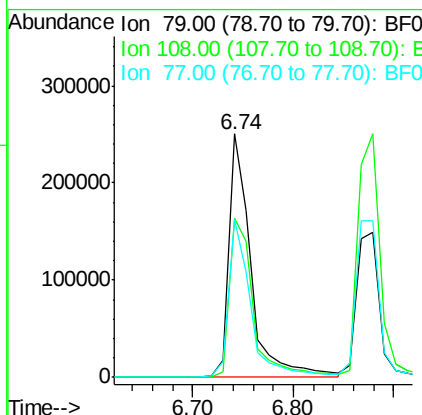
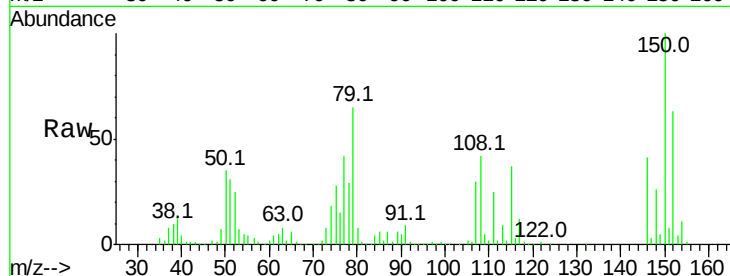
108 65.3 68.4 102.6#

77 64.9 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.75 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

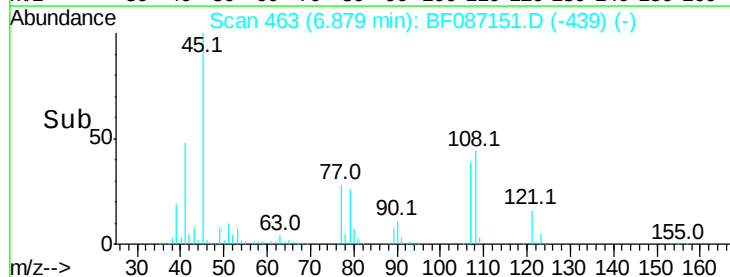
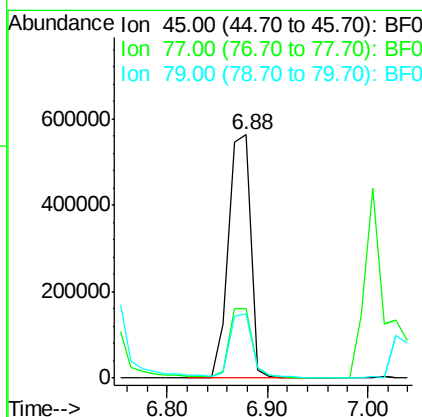
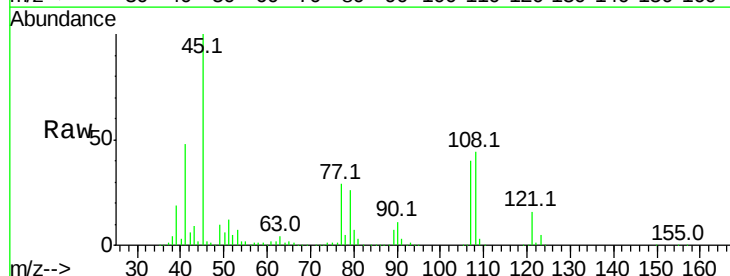
Tgt Ion: 45 Resp: 866423

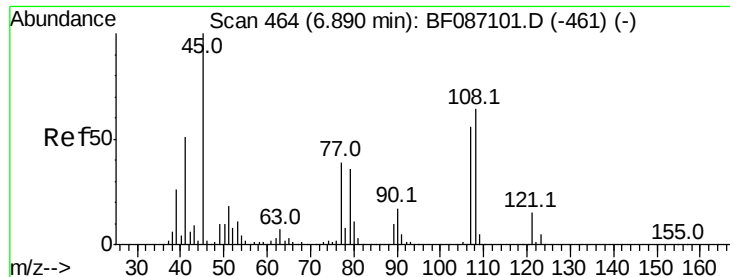
Ion Ratio Lower Upper

45 100

77 28.5 0.0 36.4

79 26.4 0.0 33.4





#17

2-Methylphenol

Concen: 41.22 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

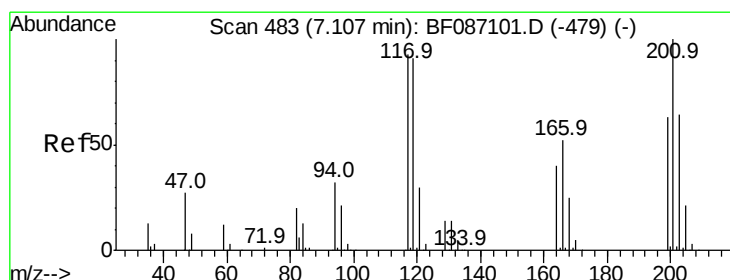
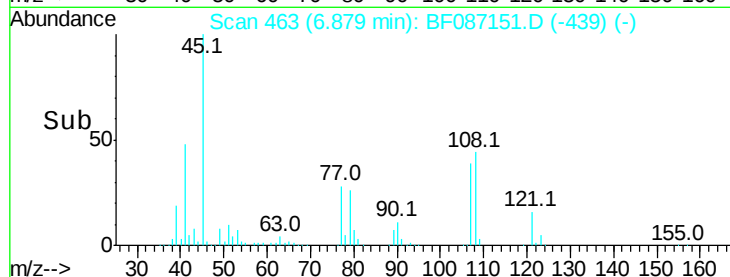
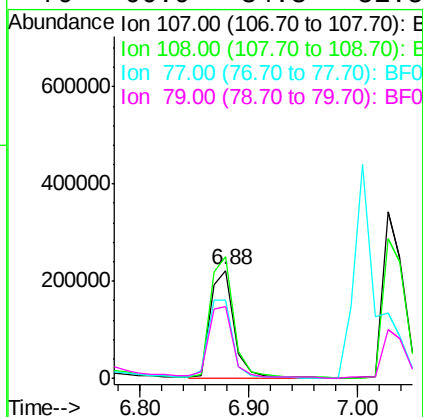
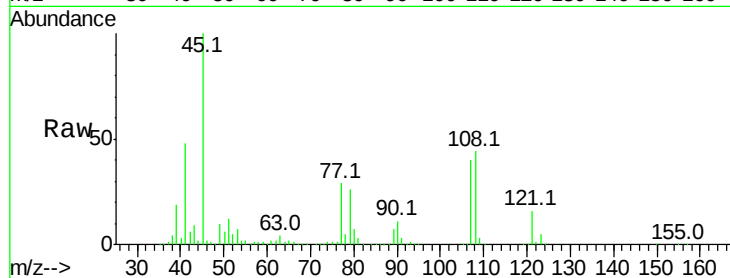
ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:	107	Resp:	336459
Ion Ratio	Lower	Upper	
107	100		
108	112.4	93.7	140.5
77	72.2	33.4	50.0#
79	66.9	34.3	51.5#

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#18

Hexachloroethane

Concen: 41.71 ng

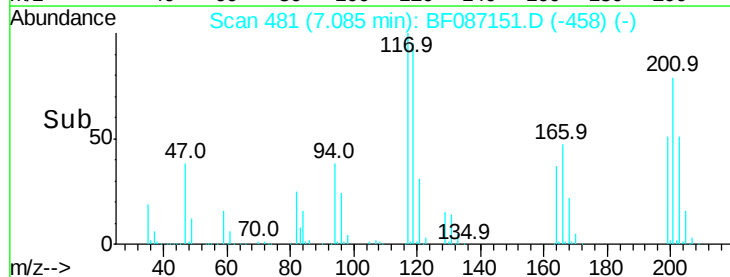
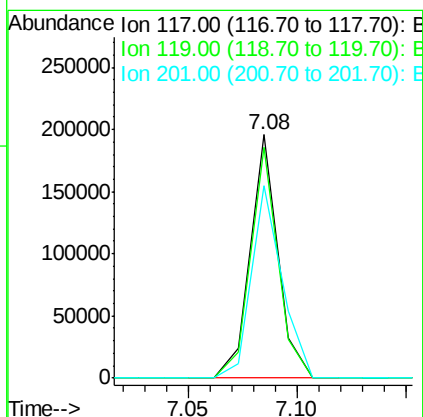
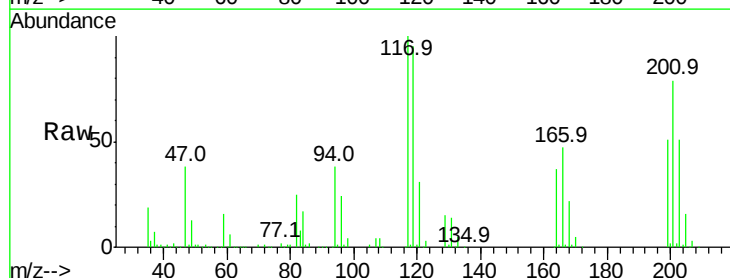
RT: 7.08 min Scan# 481

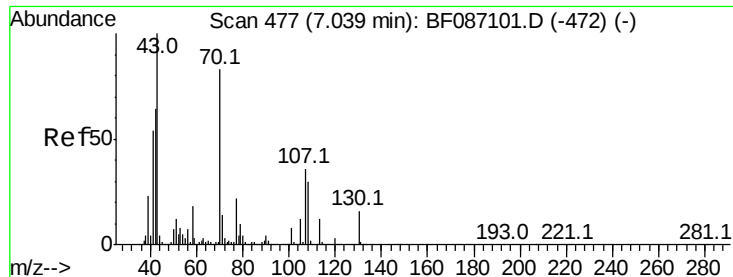
Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	117	Resp:	172366
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.5	114.7
201	79.1	63.0	94.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.21 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion: 70 Resp: 359860
Ion Ratio Lower Upper

70 100

42 82.5 43.1 64.7#

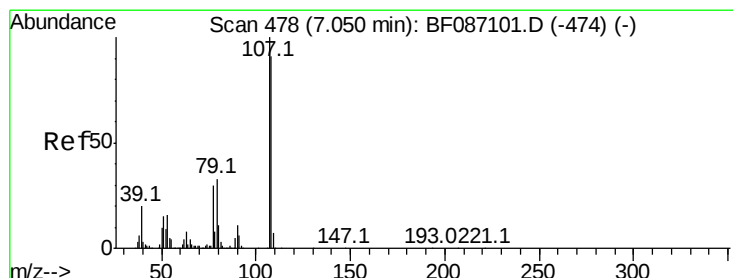
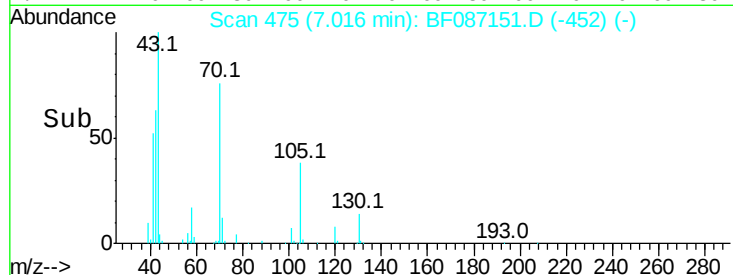
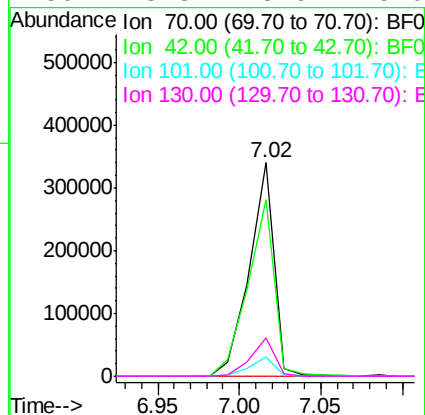
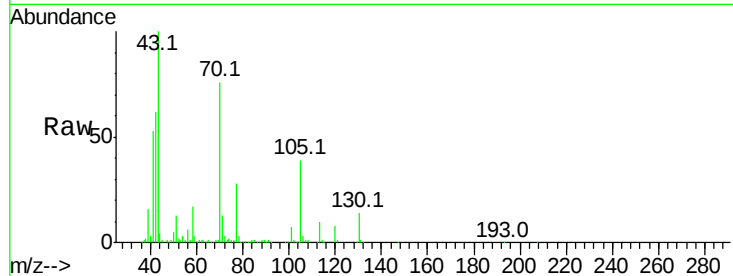
101 8.9 8.1 12.1

130 18.3 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 44.53 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

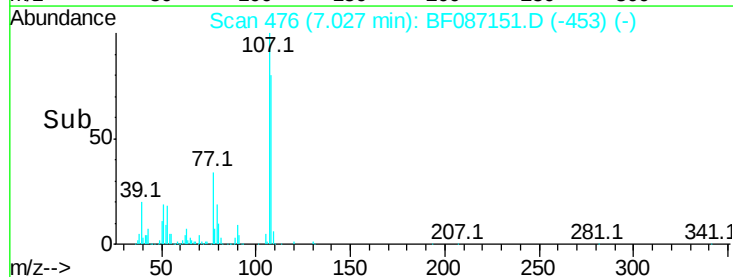
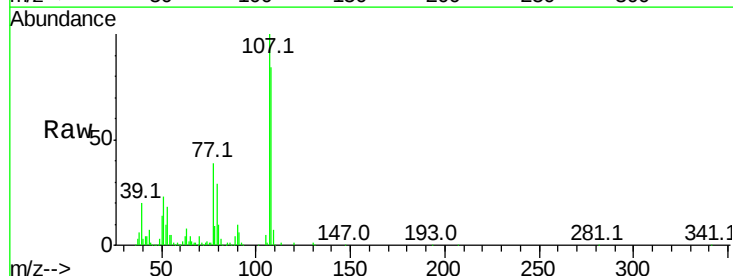
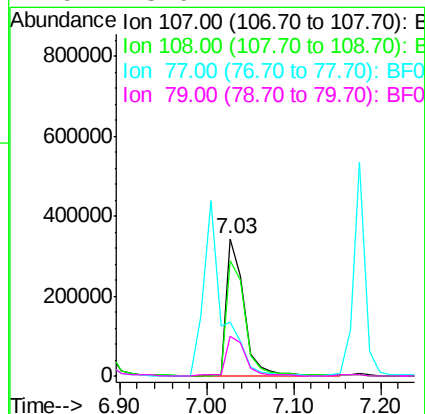
Tgt Ion: 107 Resp: 479424
Ion Ratio Lower Upper

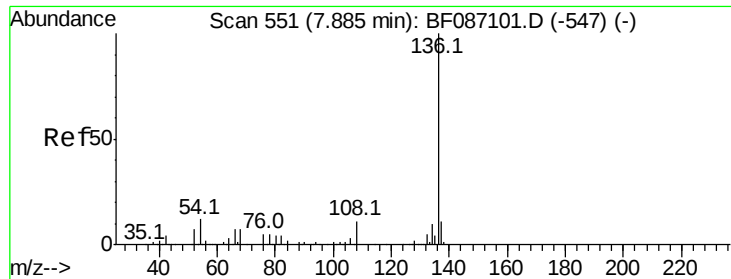
107 100

108 83.9 68.5 108.5

77 39.5 101.6 141.6#

79 28.9 7.4 47.4





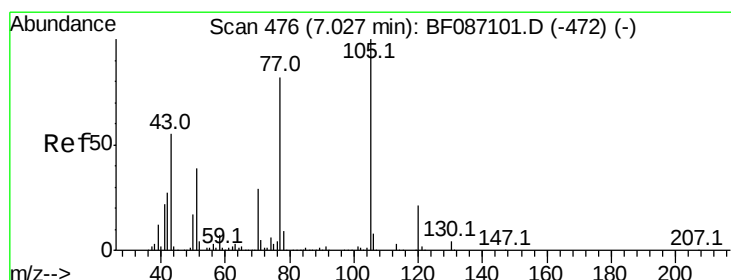
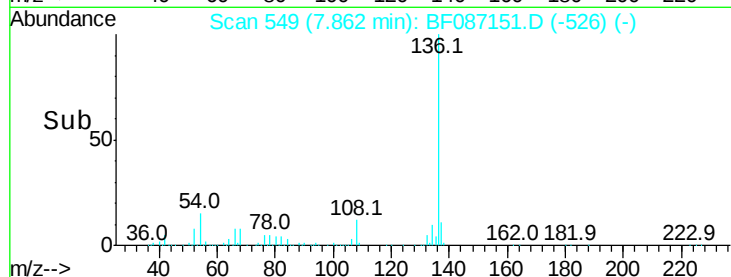
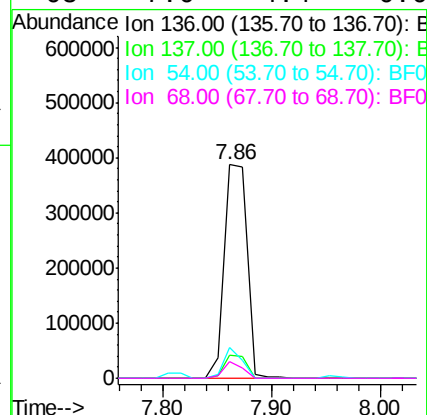
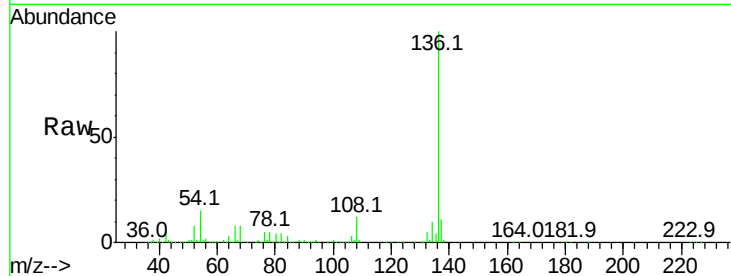
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	14.7	5.0	7.4	
68	7.6	4.4	6.6	

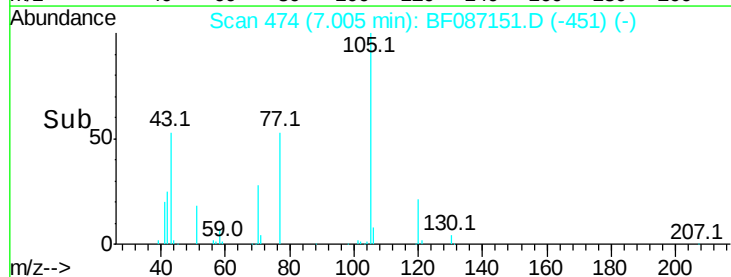
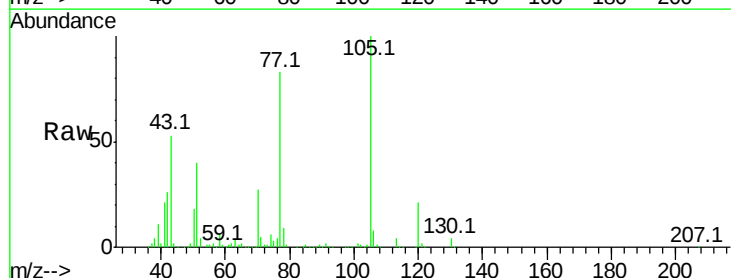
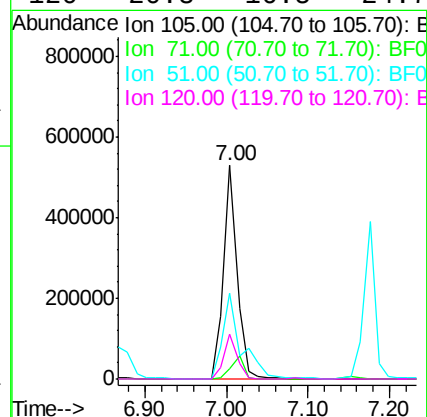
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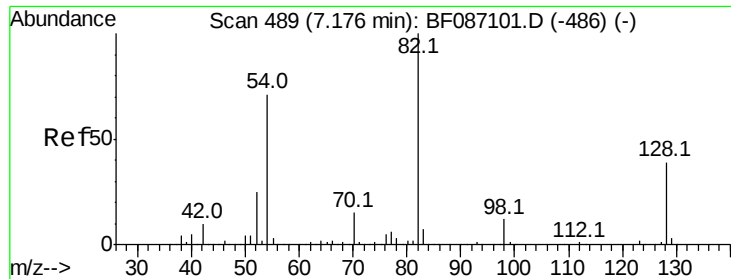
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#22
Acetophenone
Concen: 44.87 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.8	7.2	
51	40.3	32.6	49.0	
120	20.8	16.5	24.7	





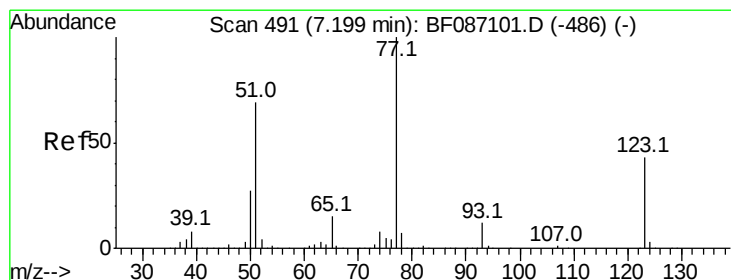
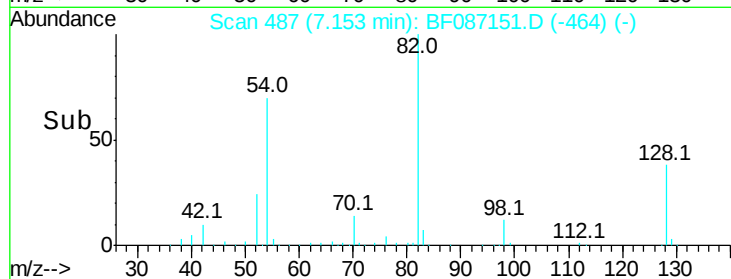
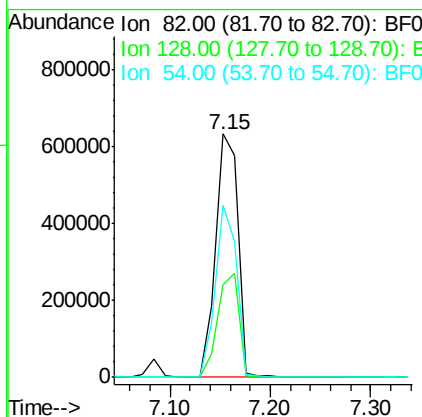
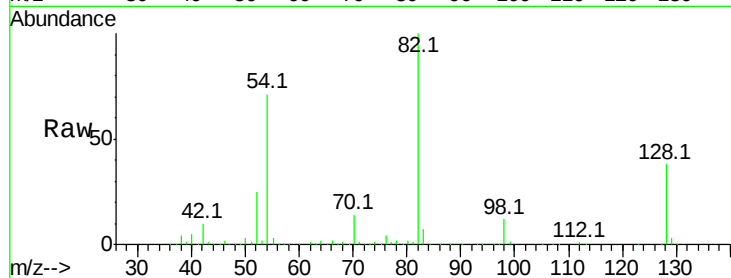
#23
 Nitrobenzene-d5
 Concen: 86.78 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

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

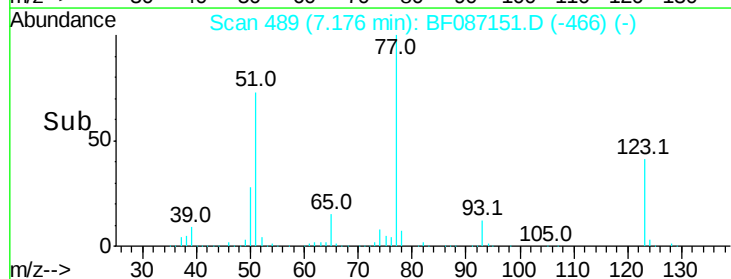
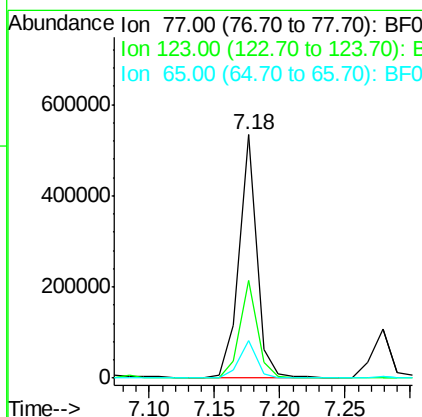
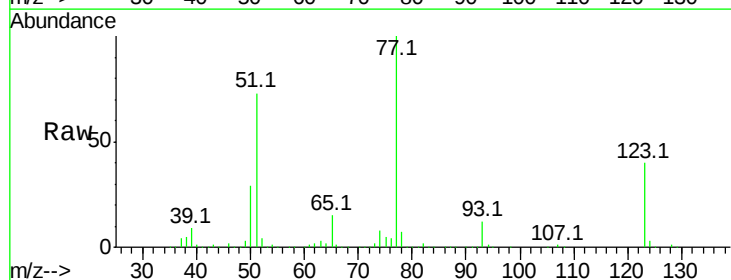
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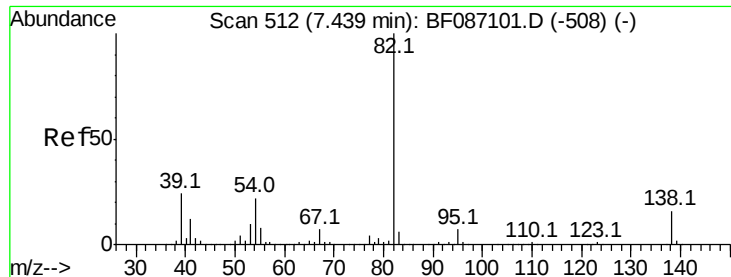
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#24
 Nitrobenzene
 Concen: 40.44 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





#25

Isophorone

Concen: 42.55 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

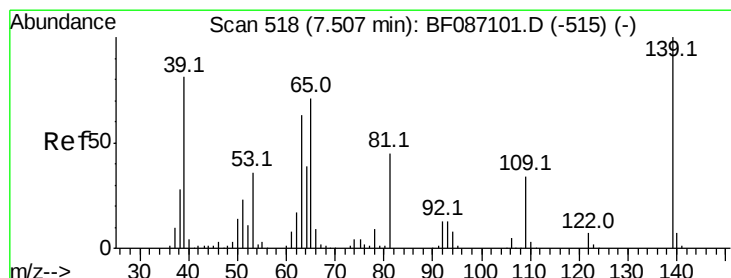
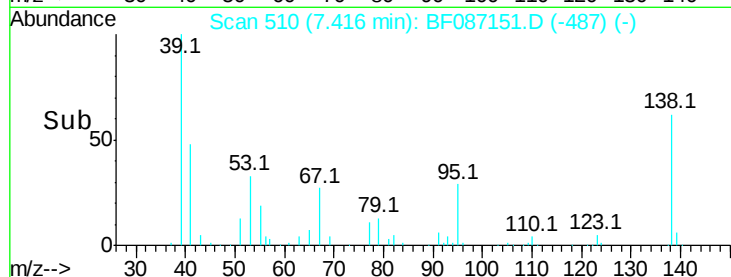
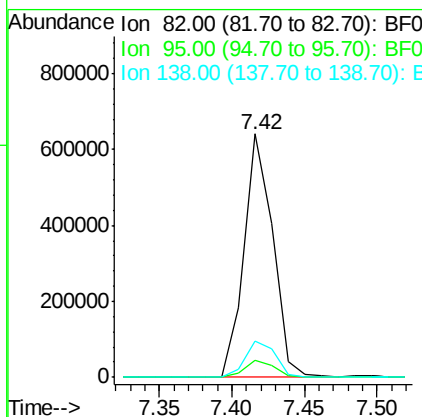
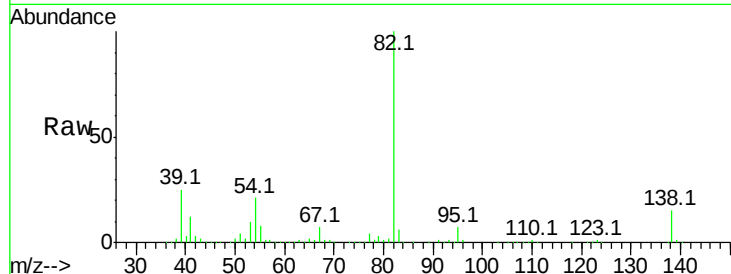
ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:	82	Resp:	876985
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	14.9	12.4	18.6

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#26

2-Nitrophenol

Concen: 47.33 ng

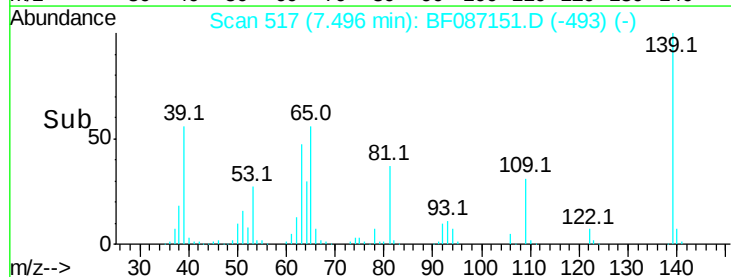
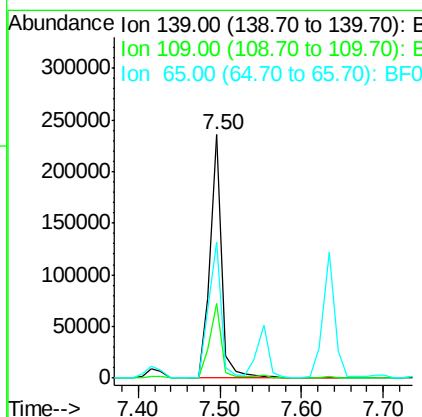
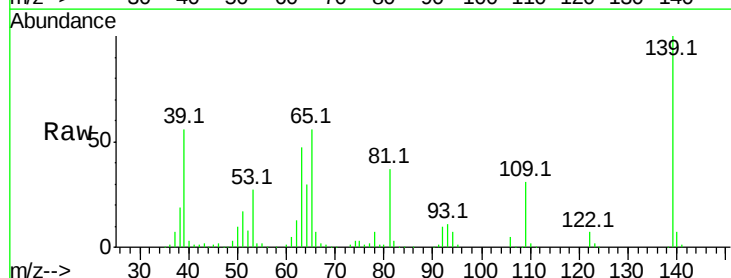
RT: 7.50 min Scan# 517

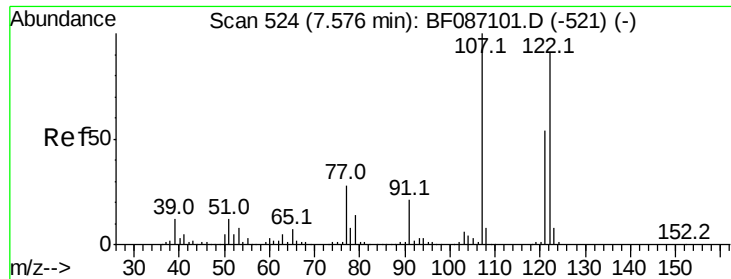
Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	139	Resp:	241016
Ion Ratio	Lower	Upper	
139	100		
109	30.8	19.5	29.3#
65	56.0	37.5	56.3





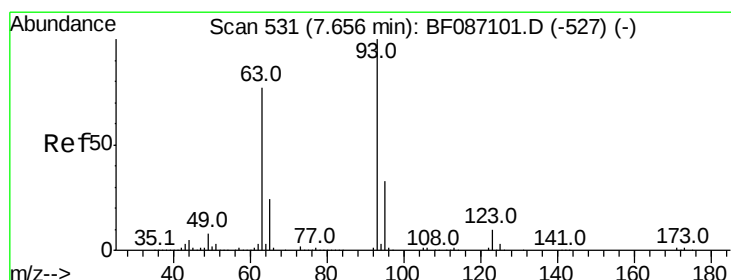
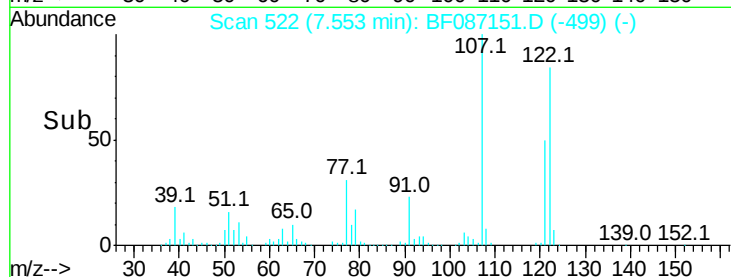
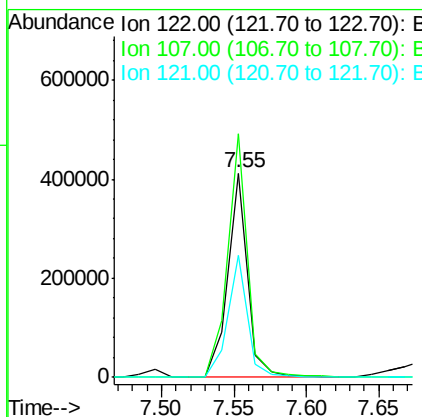
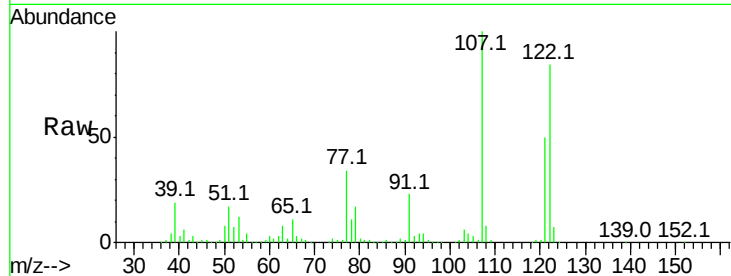
#27
 2,4-Dimethylphenol
 Concen: 44.70 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.2	82.0	123.0	
121	59.6	46.1	69.1	

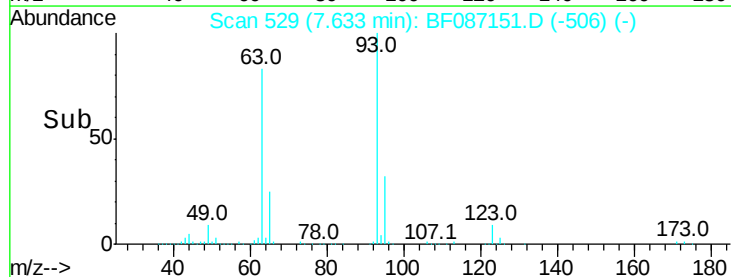
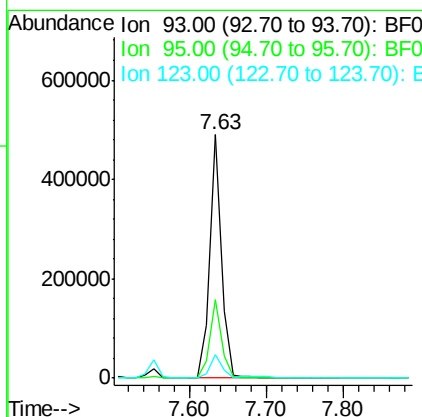
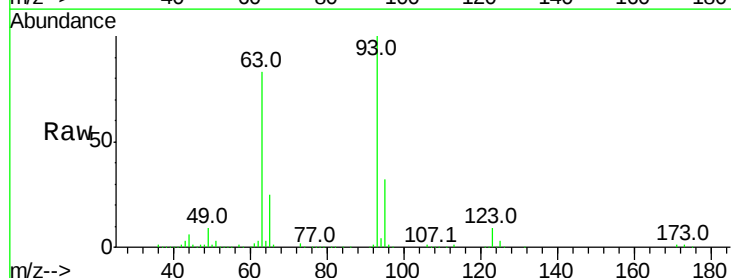
Manual Integrations
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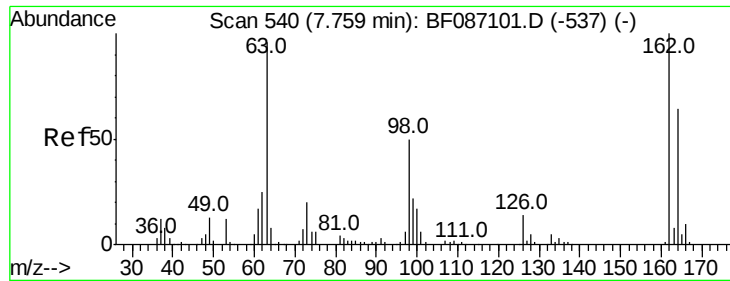
sohil
 5/19/2016 7:06:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.59 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.1	26.0	39.0	
123	9.5	9.5	14.3#	





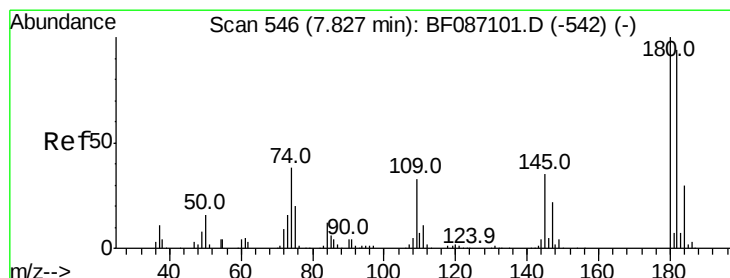
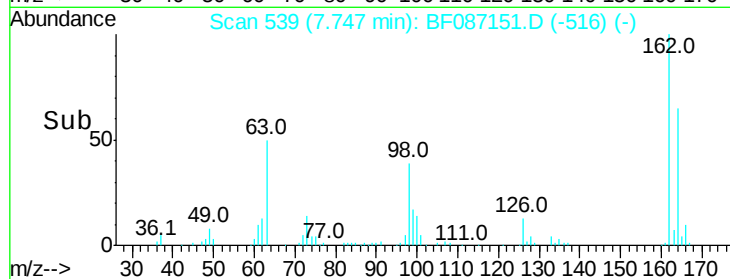
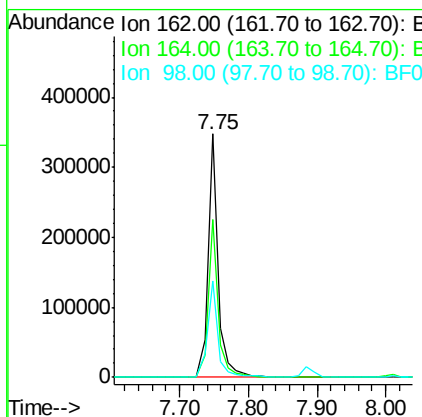
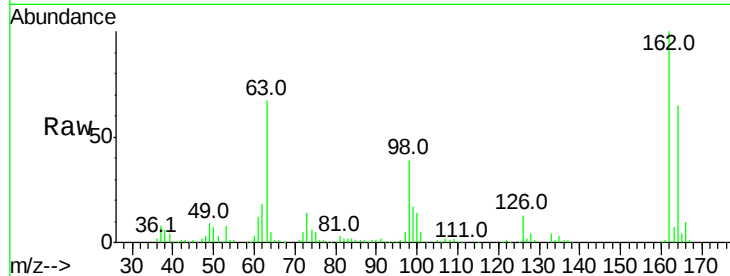
#29
2,4-Dichlorophenol
Concen: 46.43 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tot Ion:	162	Resp:	355551
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.2	82.2
98	39.4	19.0	59.0

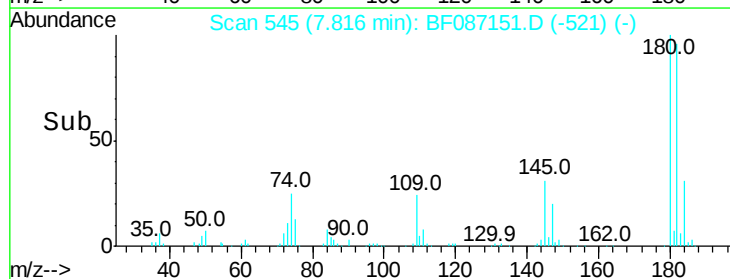
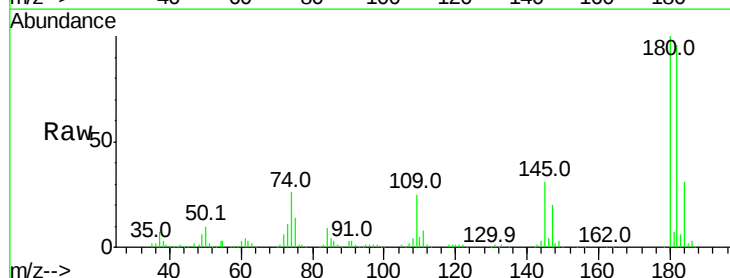
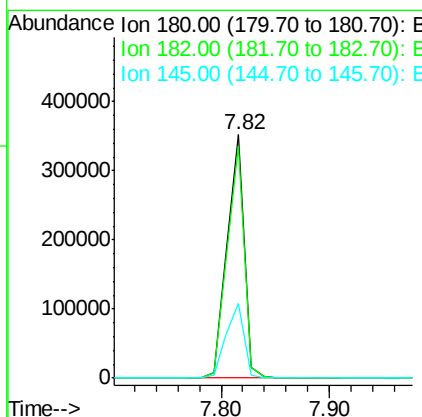
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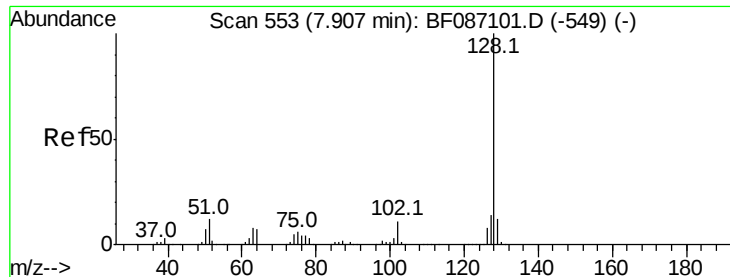
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#30
1,2,4-Trichlorobenzene
Concen: 44.81 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:	180	Resp:	380738
Ion Ratio	Lower	Upper	
180	100		
182	95.5	78.0	117.0
145	30.8	24.2	36.2





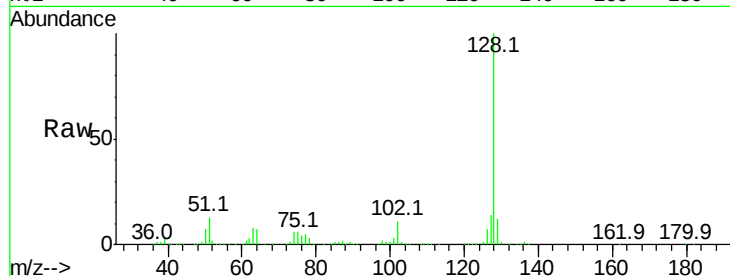
#31
Naphthalene
Concen: 43.15 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.6	10.8	16.2

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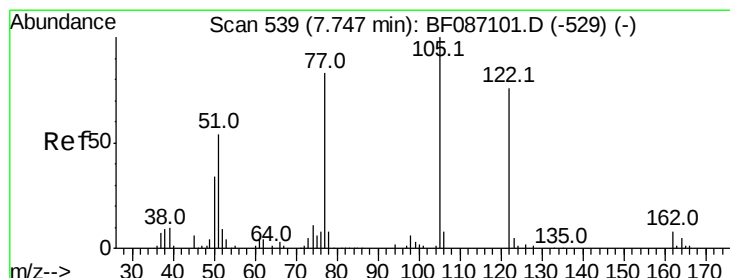
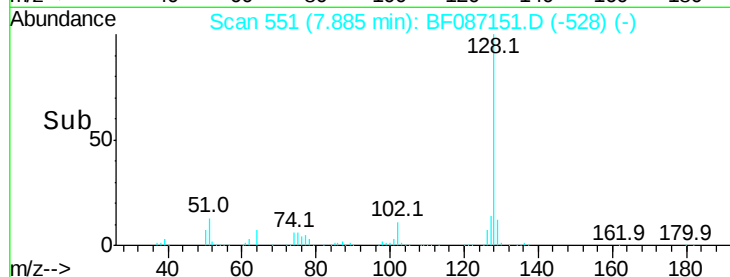
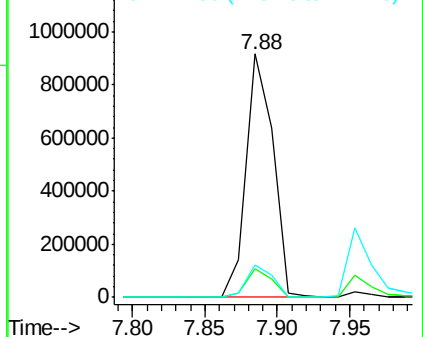


Abundance

Ion 128.00 (127.70 to 128.70): E

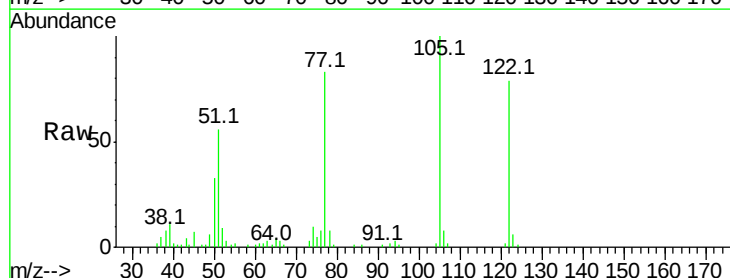
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 25.08 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	92.6	132.6
77	105.7	60.0	100.0

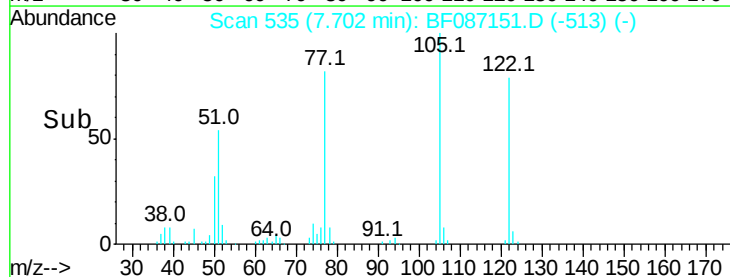
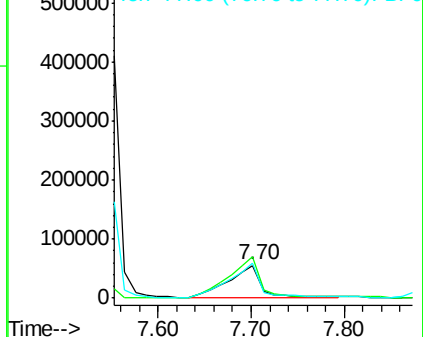


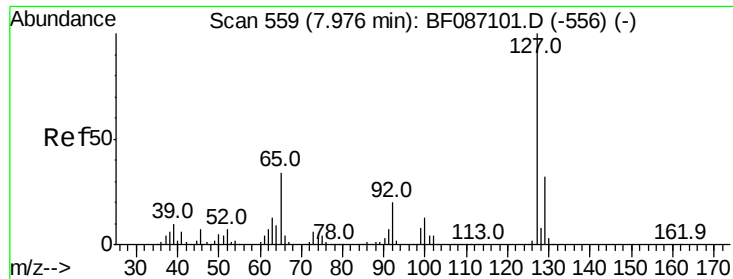
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





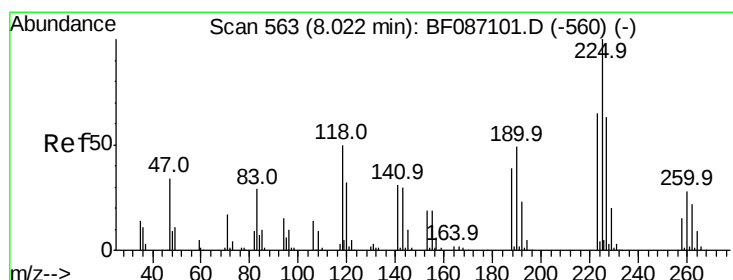
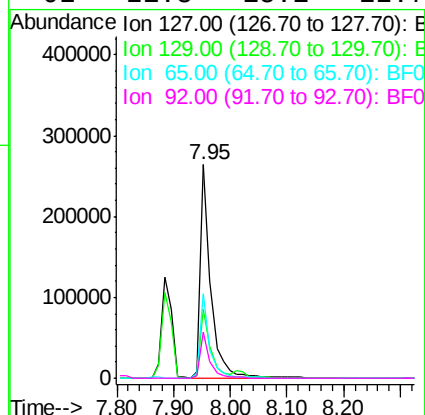
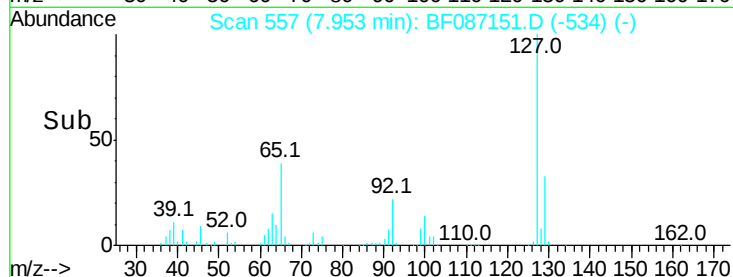
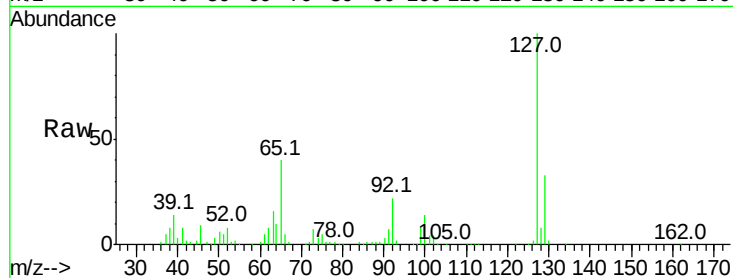
#33
4-Chloroaniline
Concen: 29.04 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

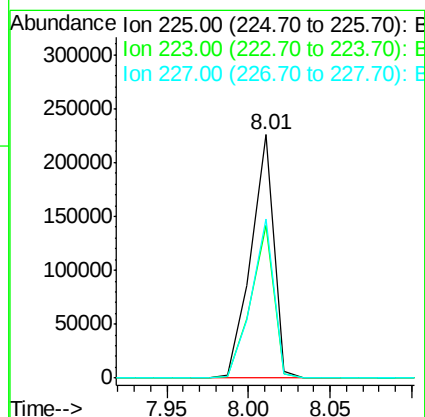
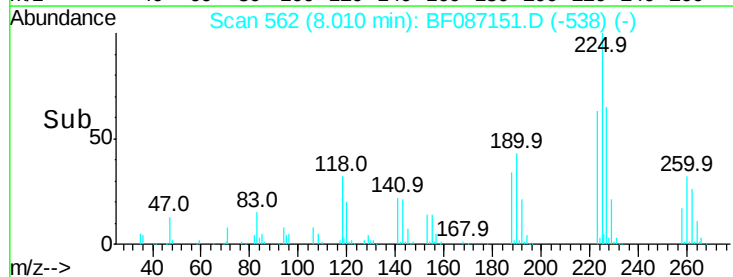
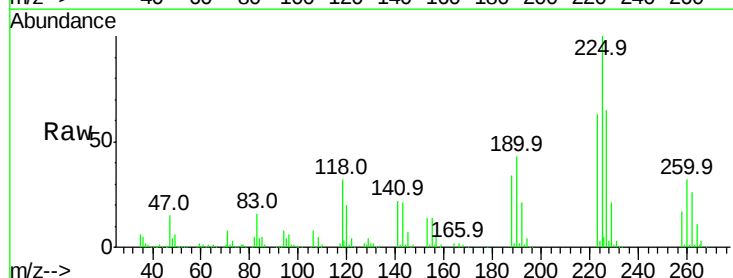
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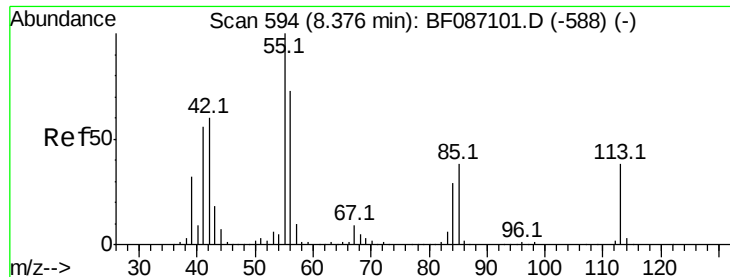
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#34
Hexachlorobutadiene
Concen: 45.74 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





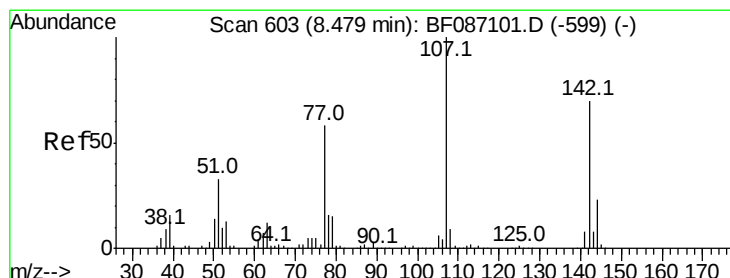
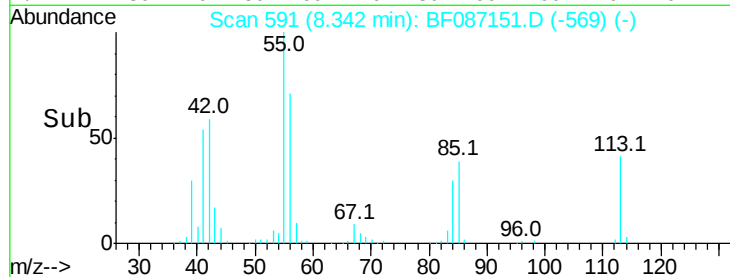
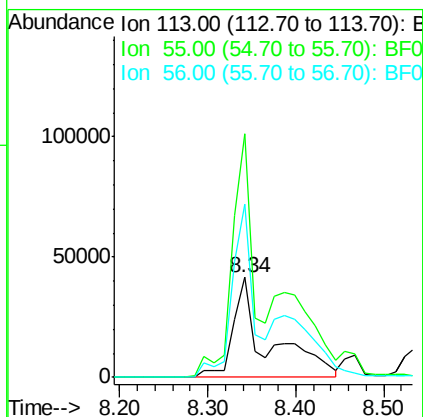
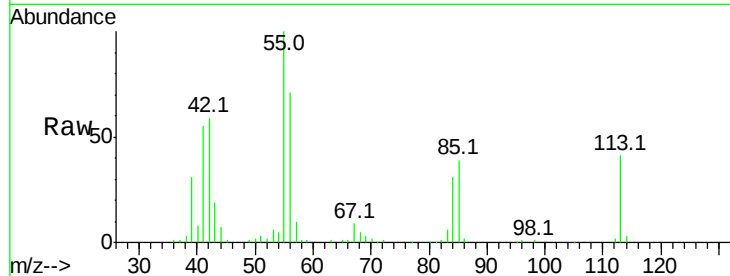
#35
 Caprolactam
 Concen: 44.01 ng/ml
 RT: 8.34 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	243.9	162.0	202.0#
56	174.0	115.3	155.3#

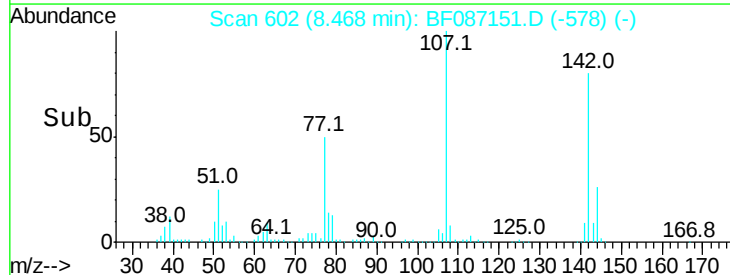
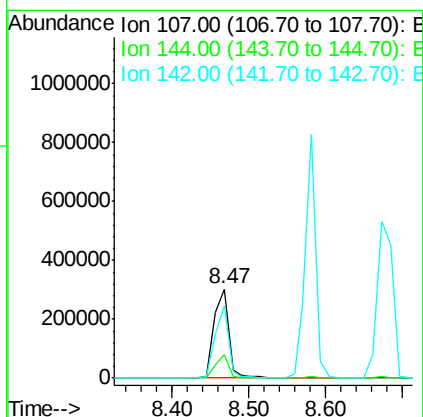
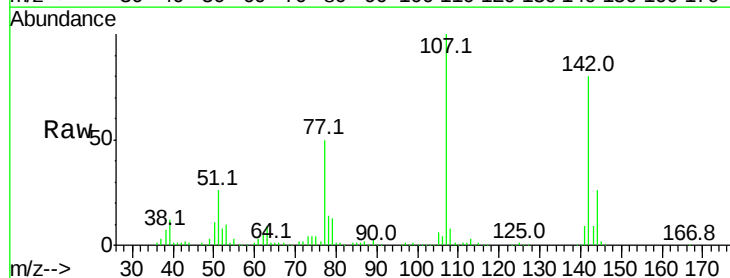
Manual Integrations
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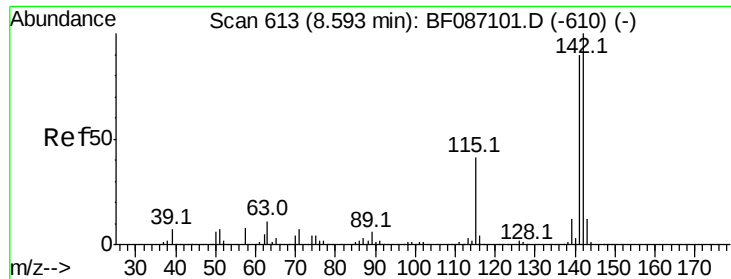
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#36
 4-Chloro-3-methylphenol
 Concen: 44.08 ng/ml
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





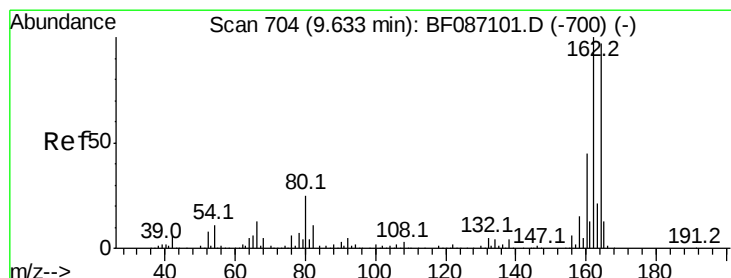
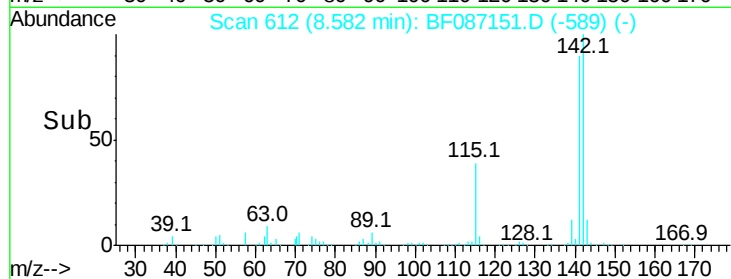
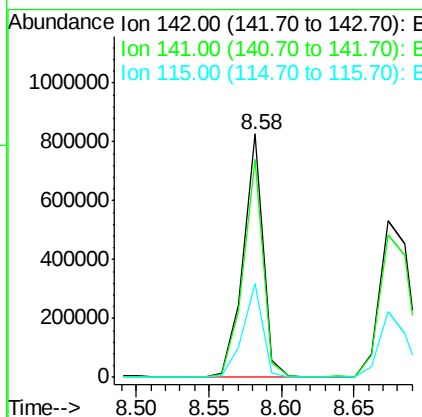
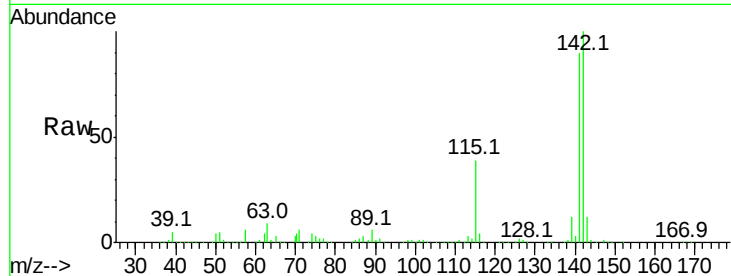
#37
2-Methylnaphthalene
Concen: 44.94 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

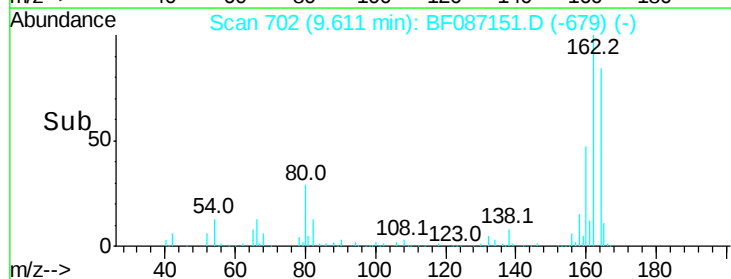
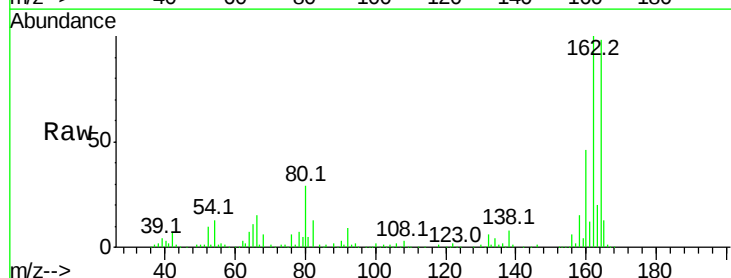
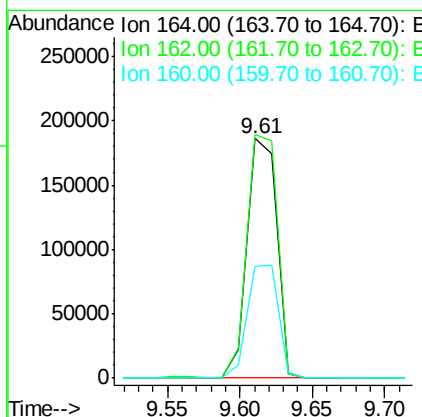
Manual Integrations
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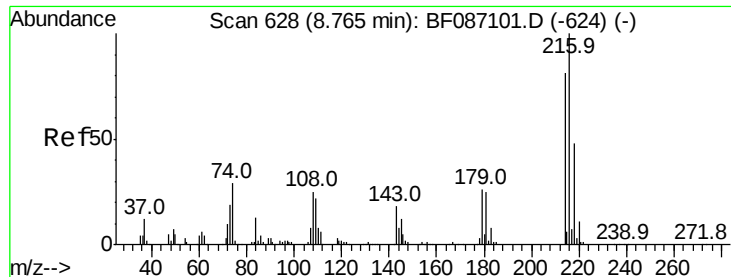
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.99 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

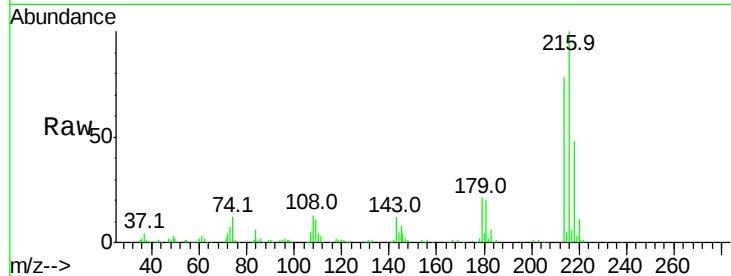
ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	341560		
214	78.5	62.6	93.8	
179	23.0	18.2	27.4	
108	22.9	17.5	26.3	

Manual Integrations
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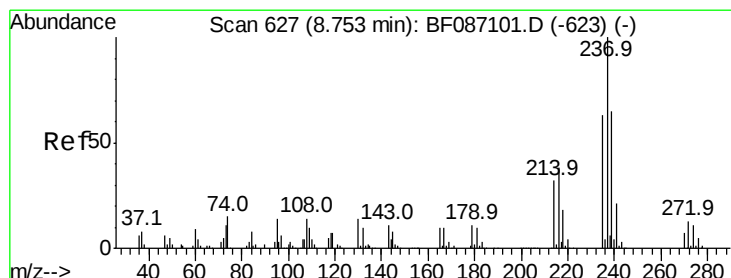
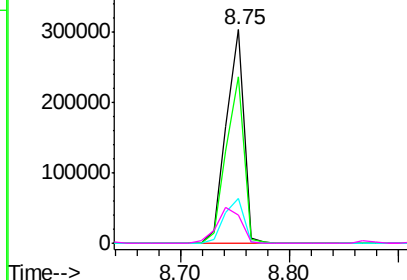
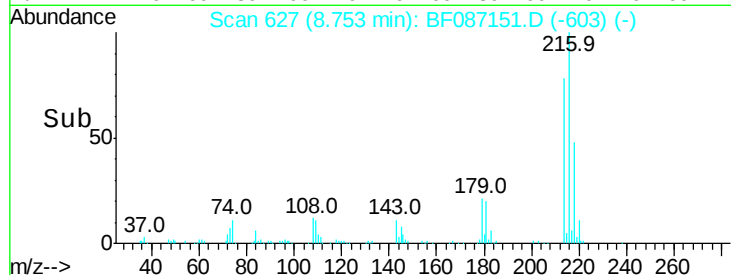


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.26 ng

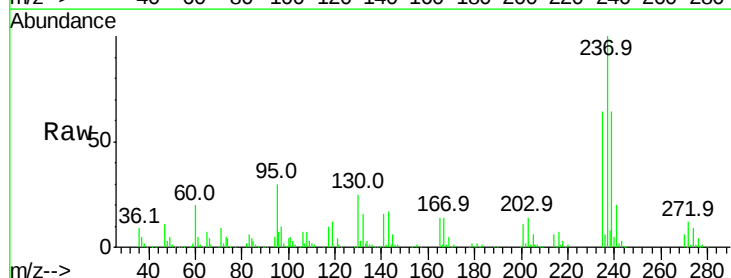
RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

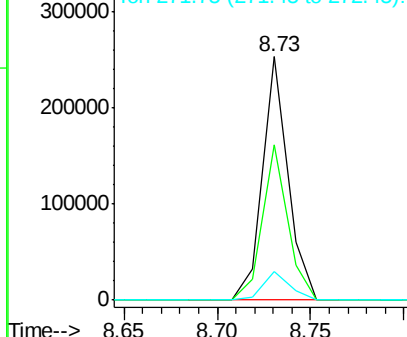
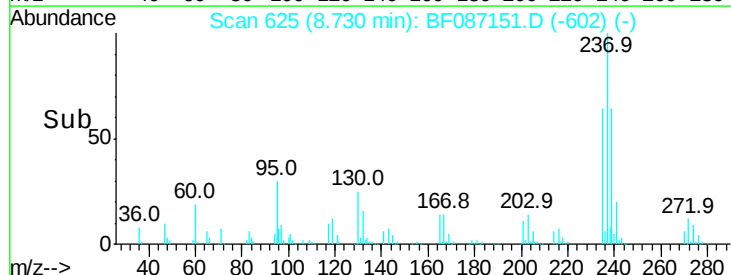
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	237390		
235	63.6	47.2	87.2	
272	11.6	0.0	31.1	

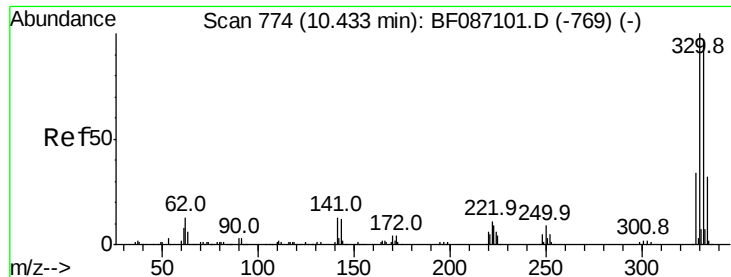


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





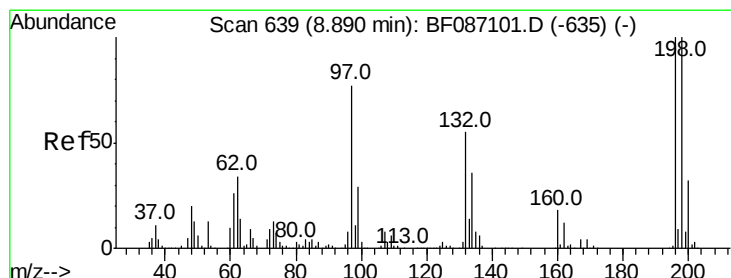
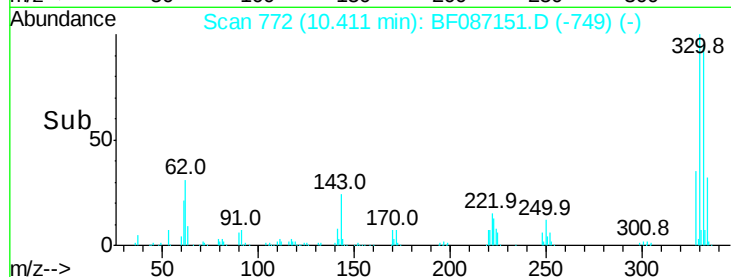
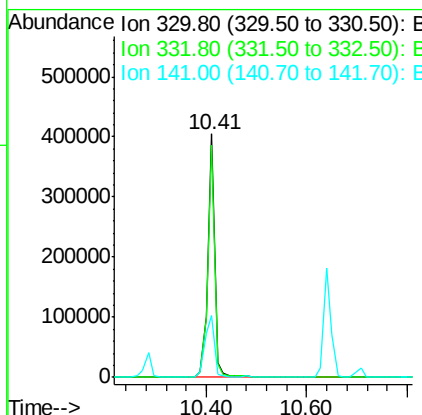
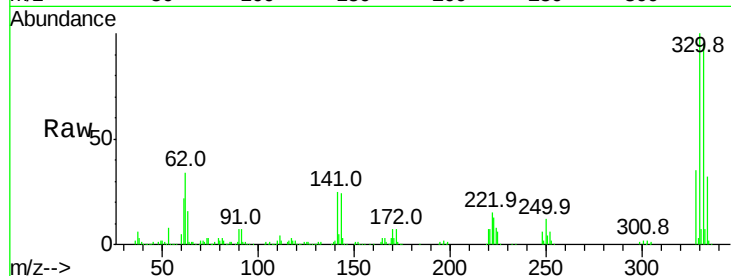
#41
 2,4,6-Tribromophenol
 Concen: 132.53 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

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

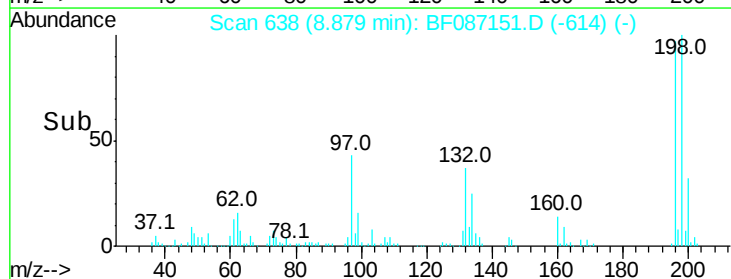
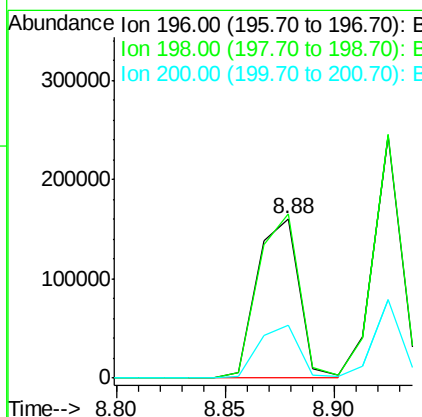
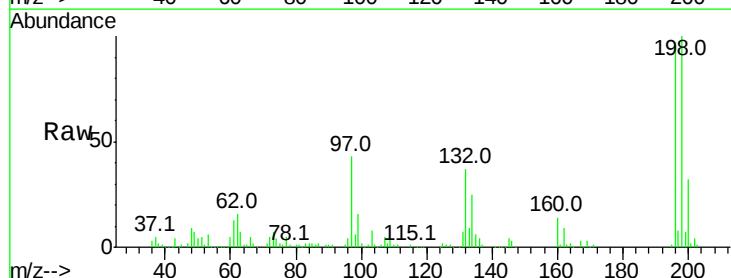
Manual Integrations
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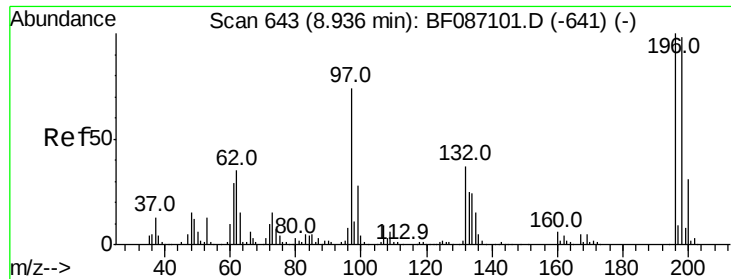
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#42
 2,4,6-Trichlorophenol
 Concen: 43.40 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





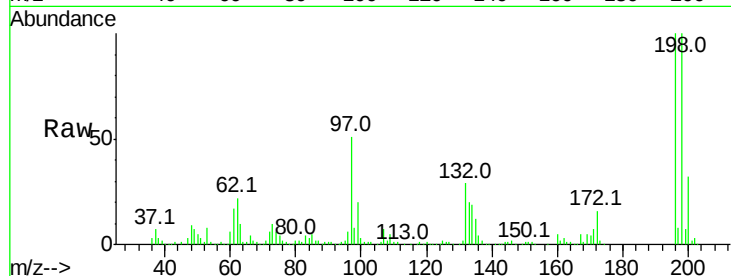
#43
 2,4,5-Trichlorophenol
 Concen: 44.32 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

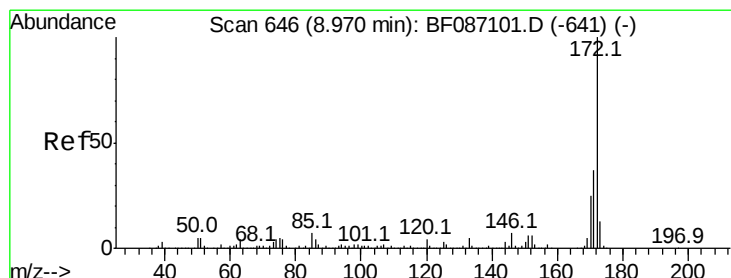
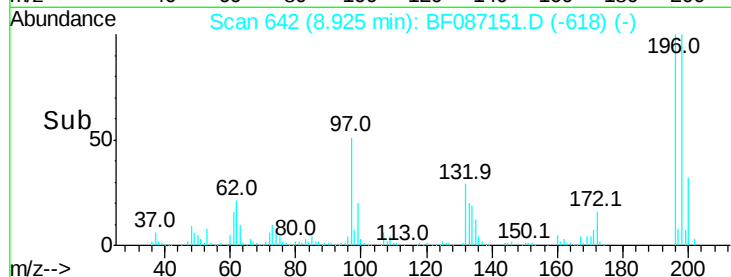
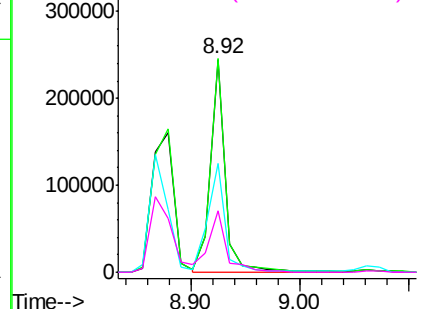
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		231800		
198	100.5	77.5	116.3		
97	51.1	34.8	52.2		
132	29.2	23.0	34.4		

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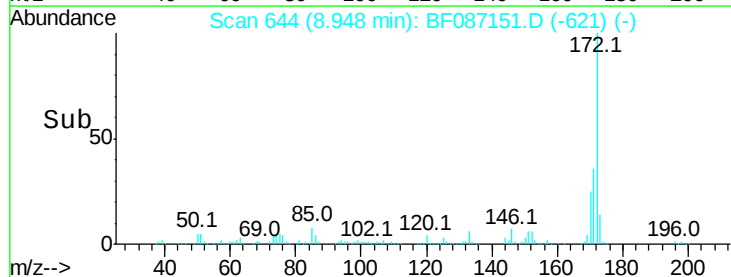
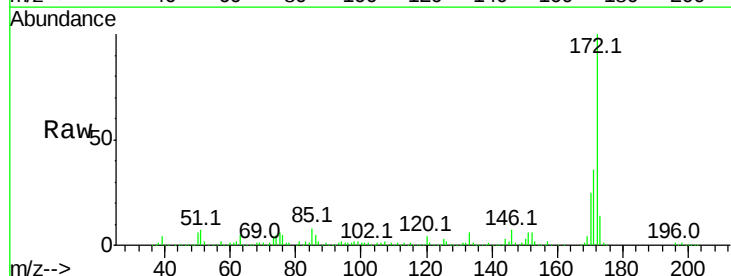
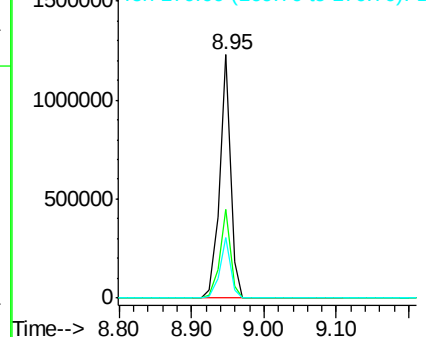
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

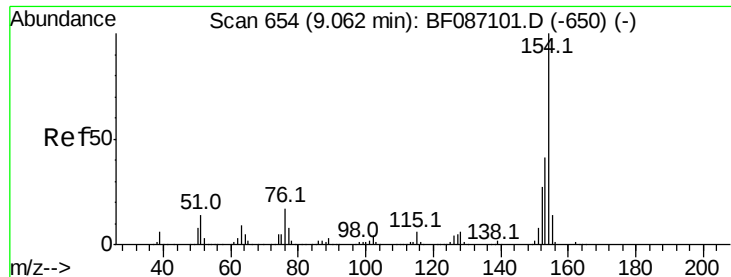


#44
 2-Fluorobiphenyl
 Concen: 80.19 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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

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





#45

1,1'-Biphenyl

Concen: 46.06 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:154 Resp: 1015178

Ion Ratio Lower Upper

154 100

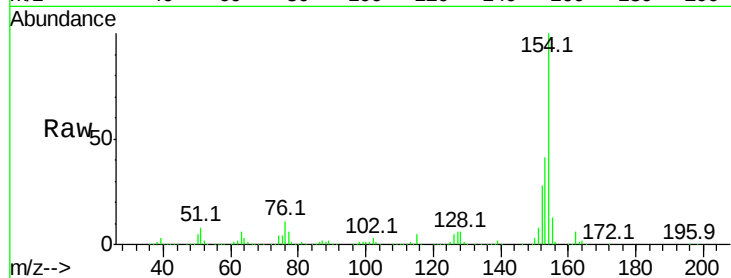
153 41.4 20.3 60.3

76 11.2 0.0 30.2

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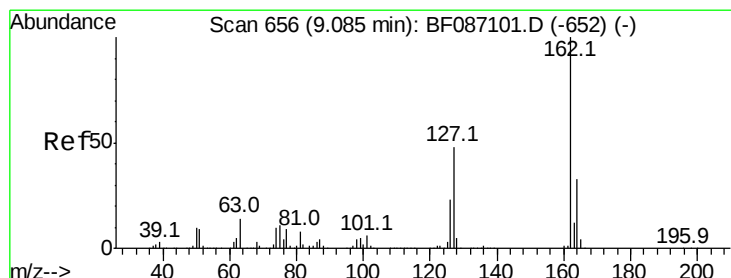
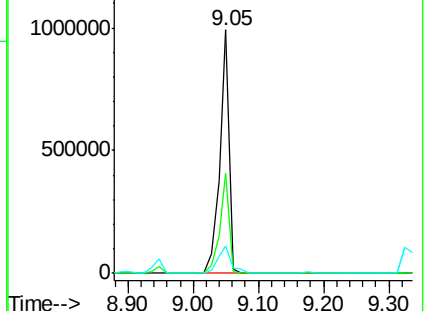
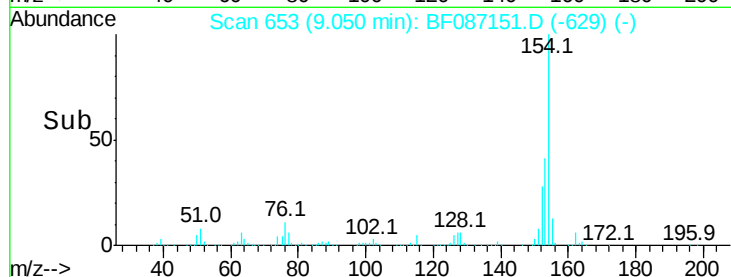
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.76 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

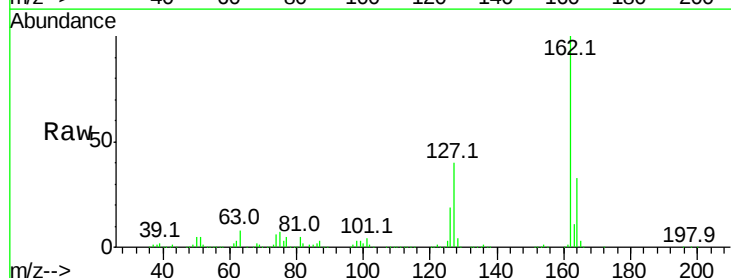
Tgt Ion:162 Resp: 757343

Ion Ratio Lower Upper

162 100

127 39.7 31.8 47.6

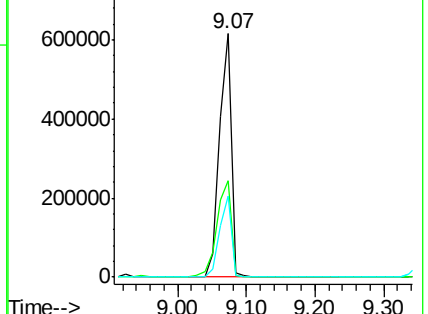
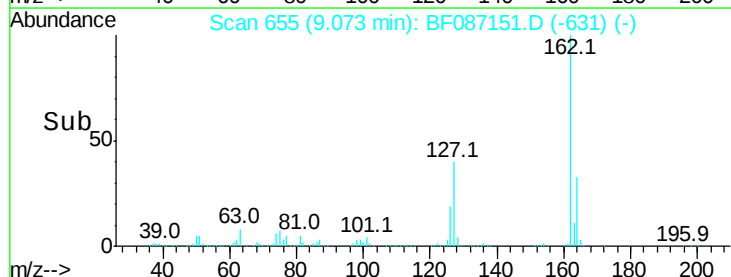
164 33.4 27.0 40.6

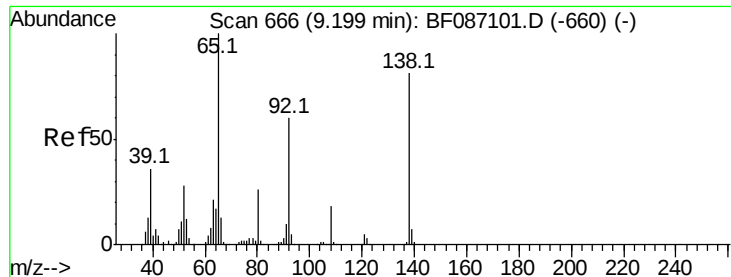


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





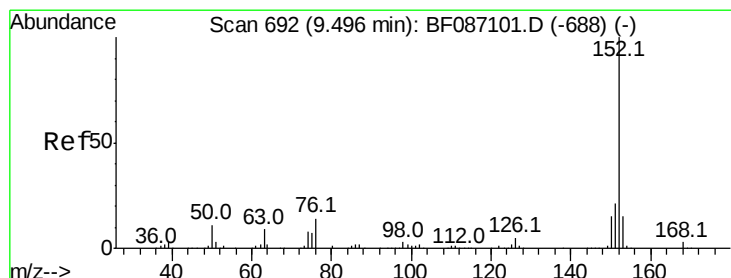
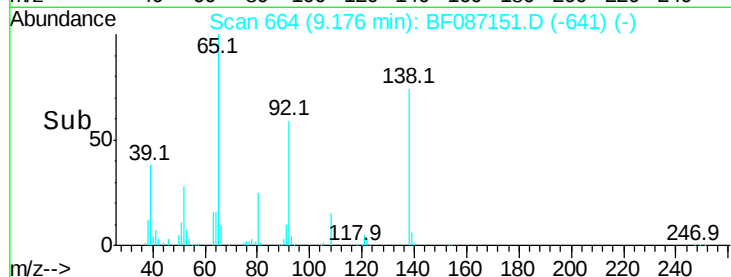
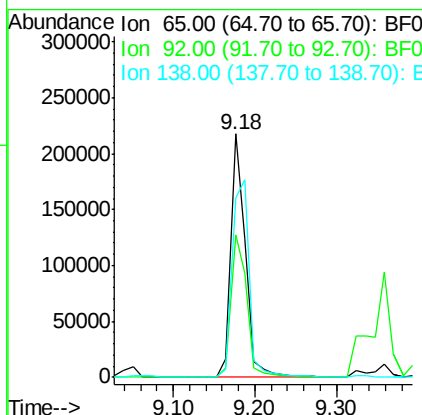
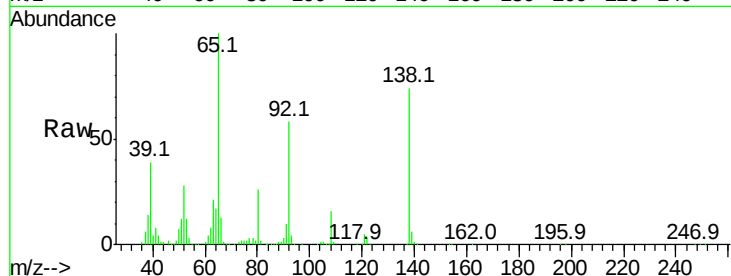
#47
2-Nitroaniline
Concen: 41.44 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

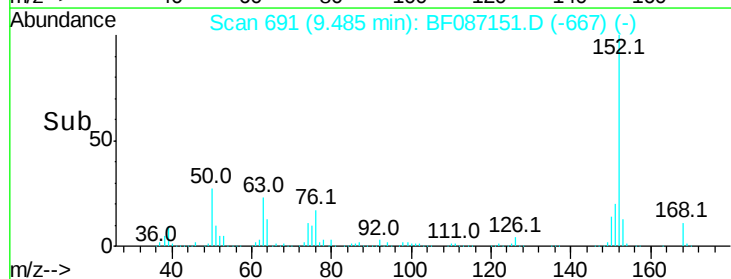
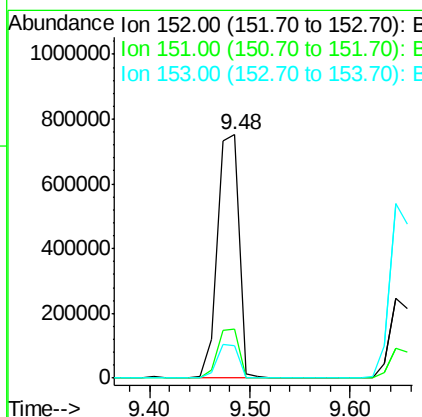
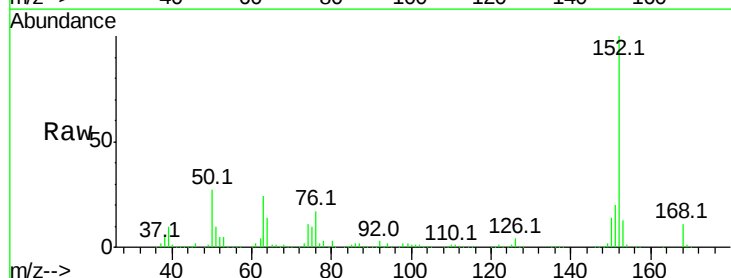
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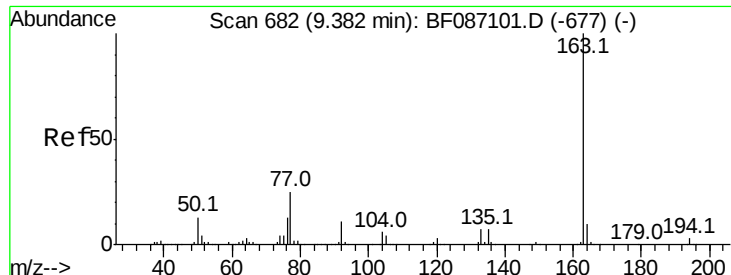
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#48
Acenaphthylene
Concen: 43.32 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





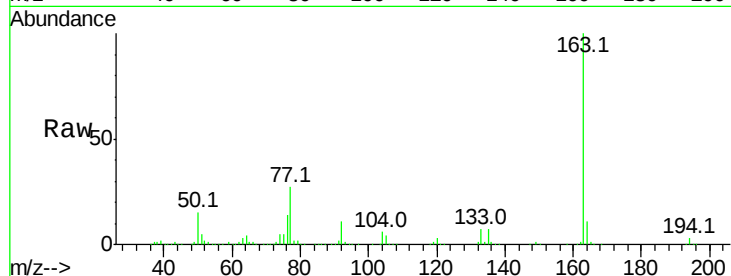
#49
Dimethylphthalate
Concen: 51.52 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

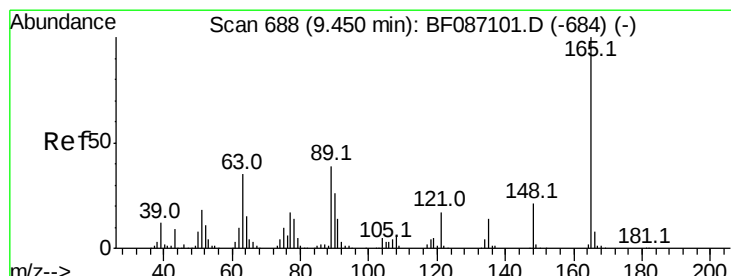
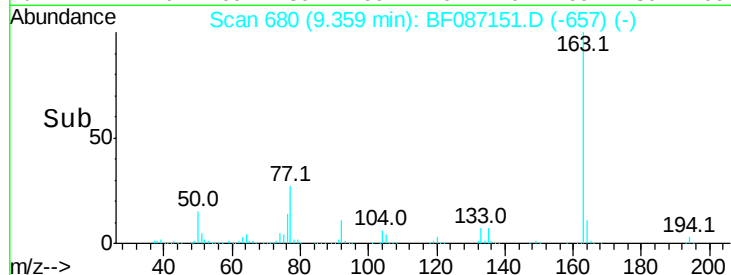
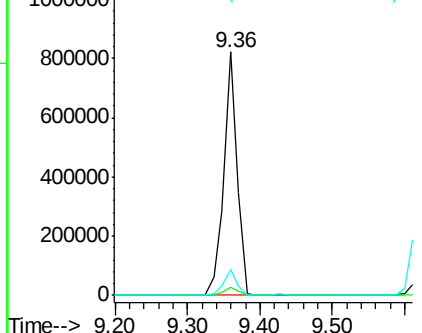
Tot Ion:163 Resp: 1044776
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4

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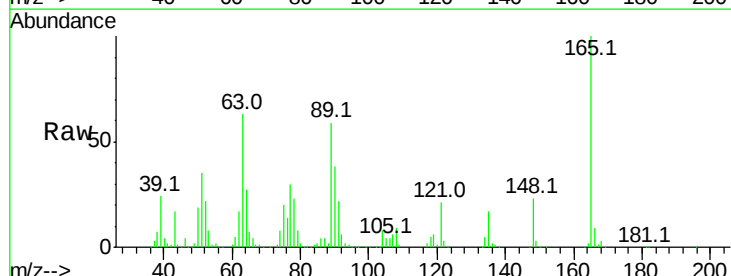


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

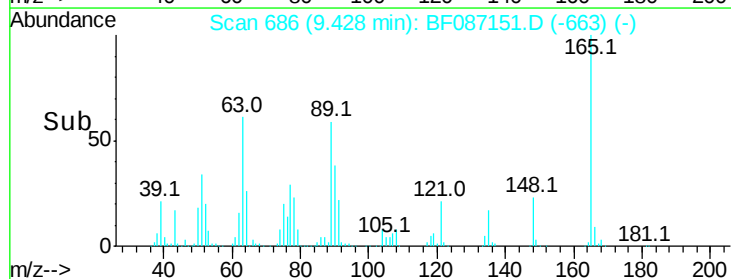
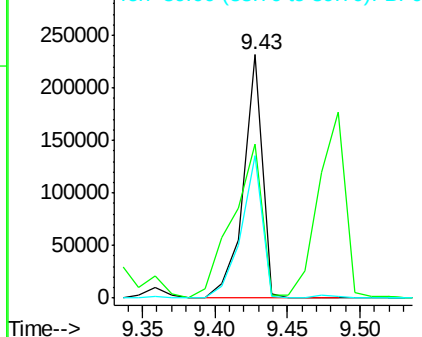


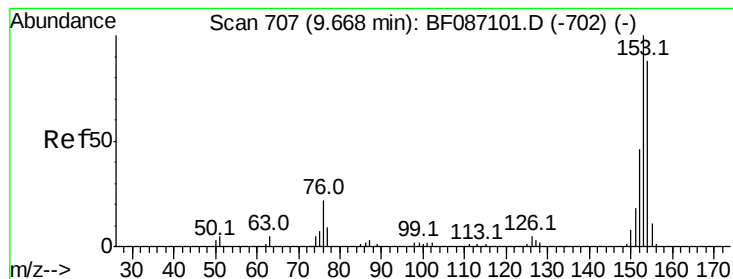
#50
2,6-Dinitrotoluene
Concen: 47.79 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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



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





#51

Acenaphthene

Concen: 41.96 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

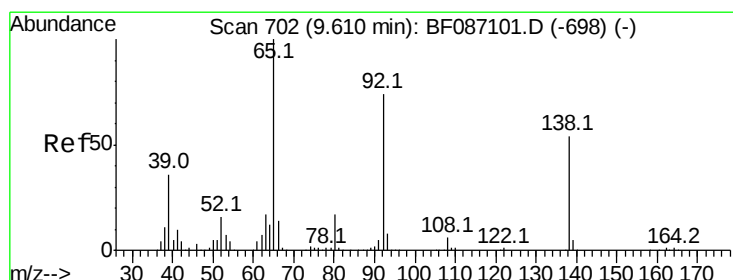
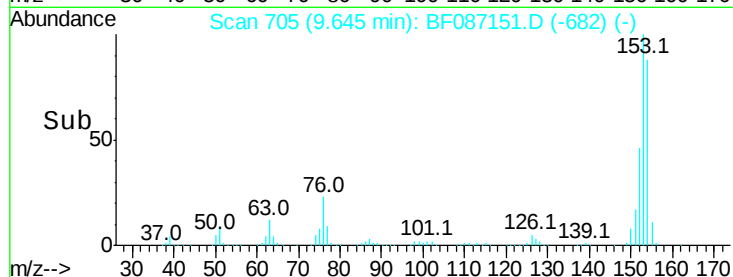
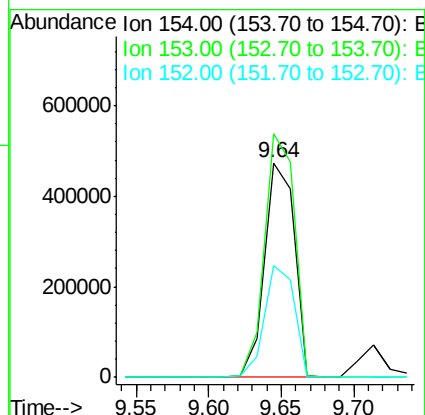
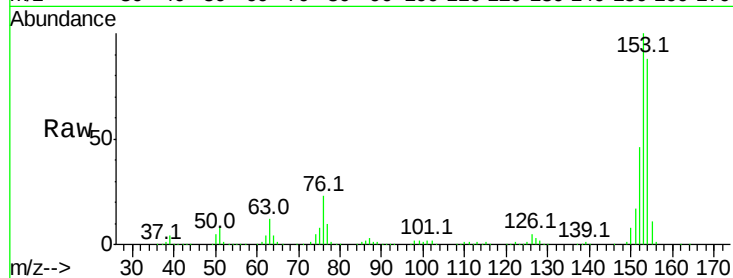
ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:	154	Resp:	677238
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	52.4	43.4	65.0

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#52

3-Nitroaniline

Concen: 35.27 ng

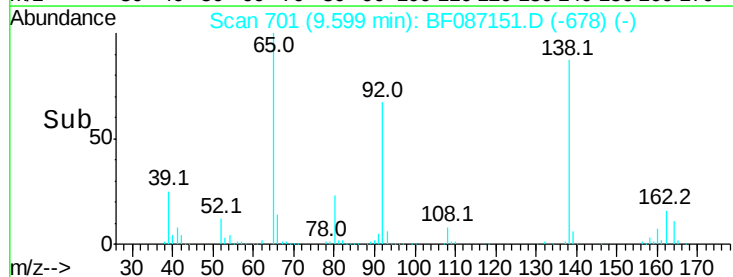
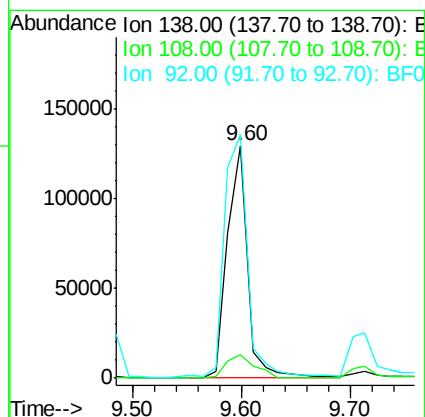
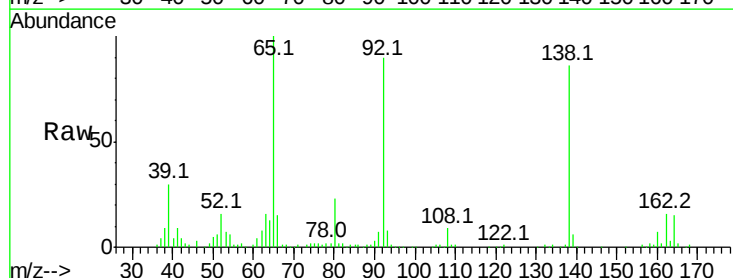
RT: 9.60 min Scan# 701

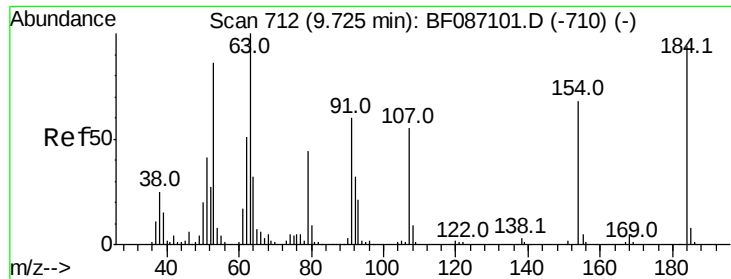
Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	138	Resp:	168130
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.8	11.6
92	104.9	87.8	131.8





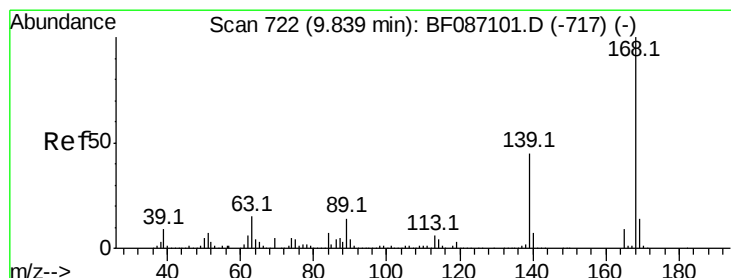
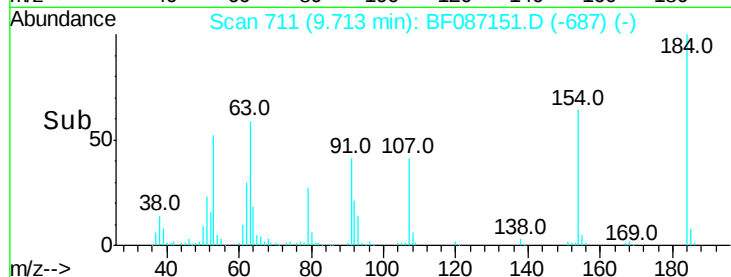
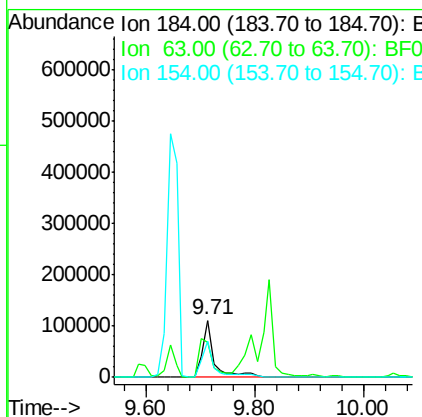
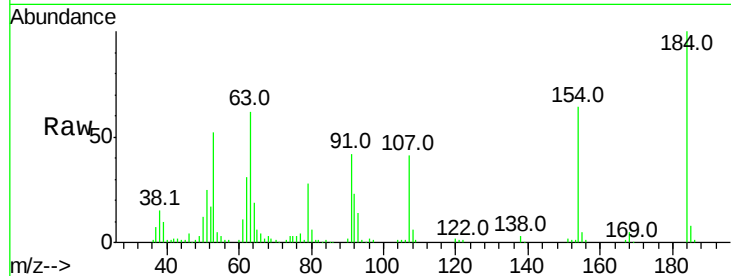
#53
2,4-Dinitrophenol
Concen: 68.23 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

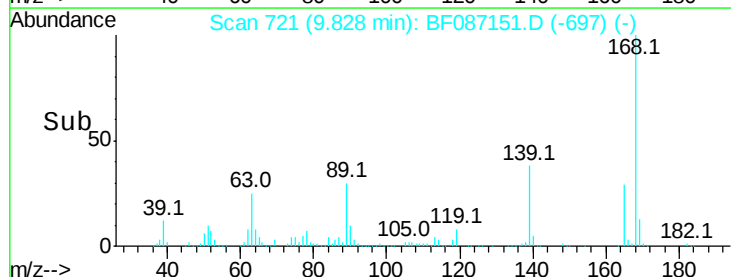
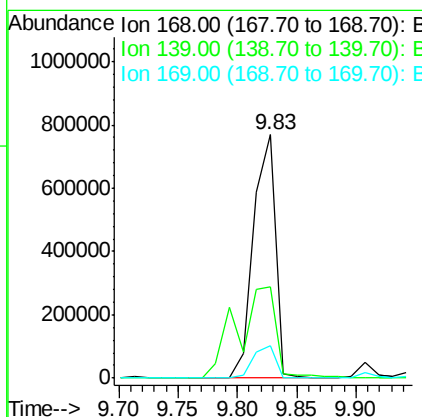
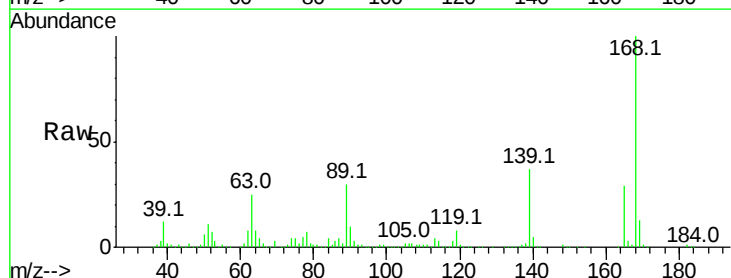
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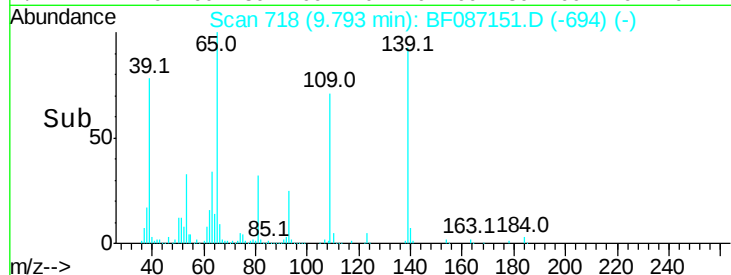
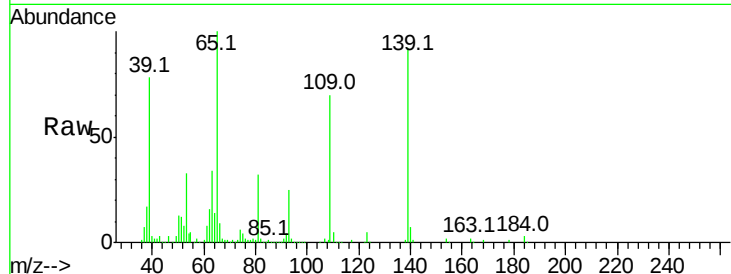
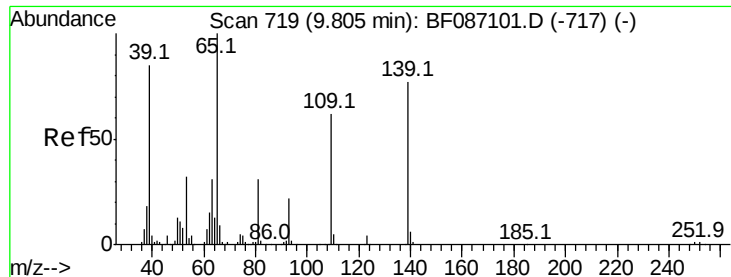
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#54
Dibenzofuran
Concen: 47.74 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





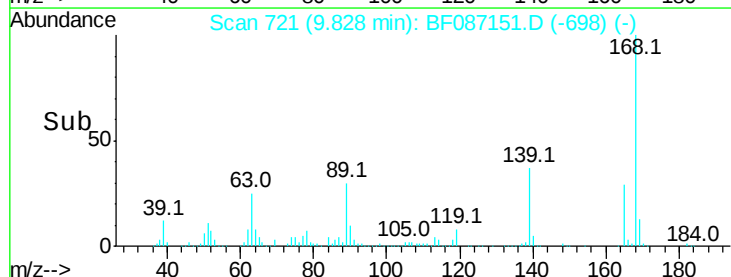
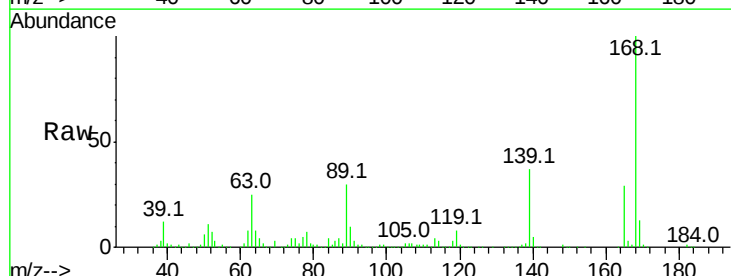
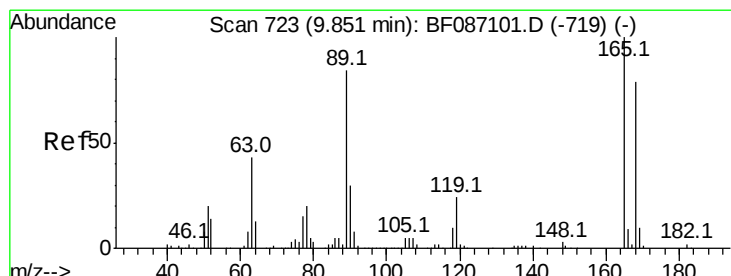
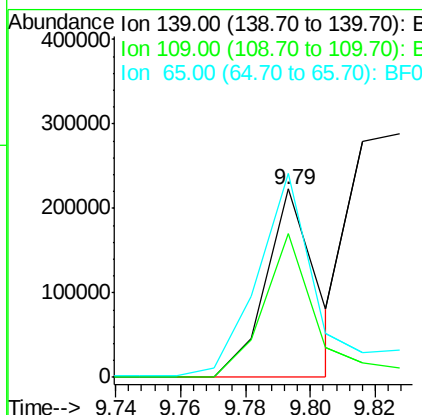
#55
4-Nitrophenol
Concen: 72.71 ng/mL
RT: 9.79 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.2	36.9	76.9	
65	108.3	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

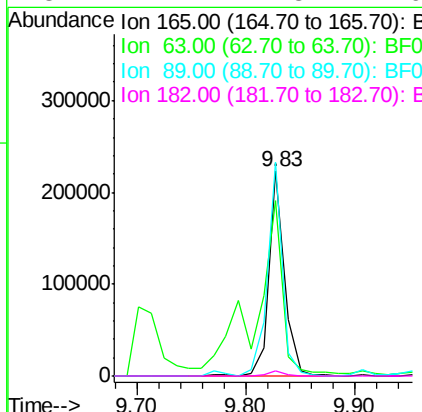
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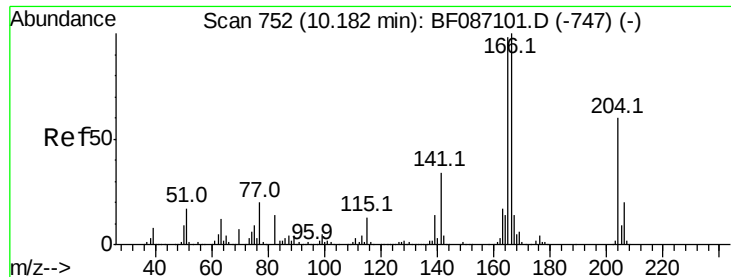
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#56
2,4-Dinitrotoluene
Concen: 39.83 ng/mL
RT: 9.83 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	85.7	44.3	66.5	
89	104.6	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 42.69 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

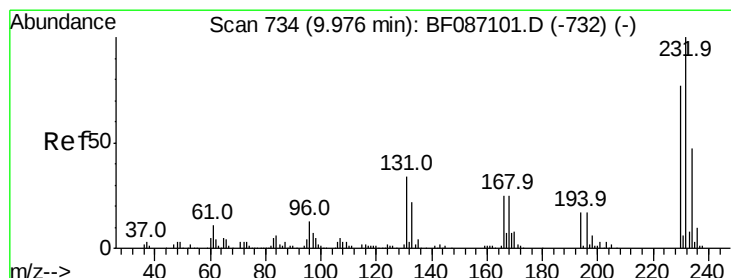
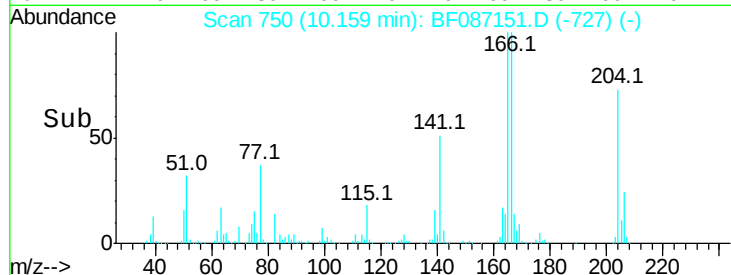
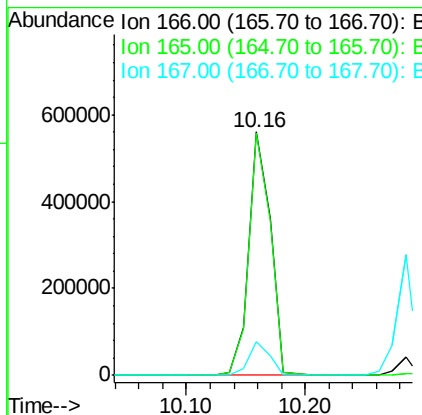
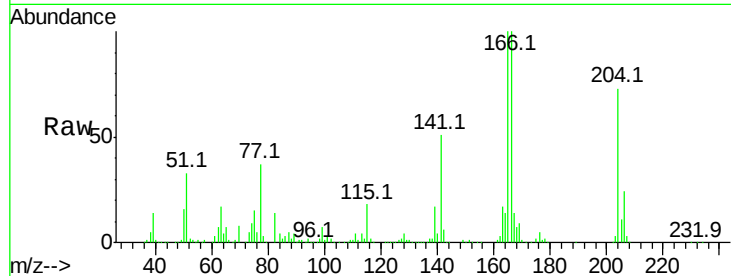
BERKSHIRE-HOMESMS

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Tot Ion:	166	Resp:	716000
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.6
167	14.0	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.83 ng

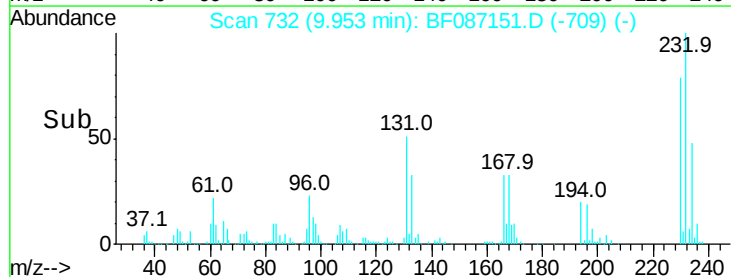
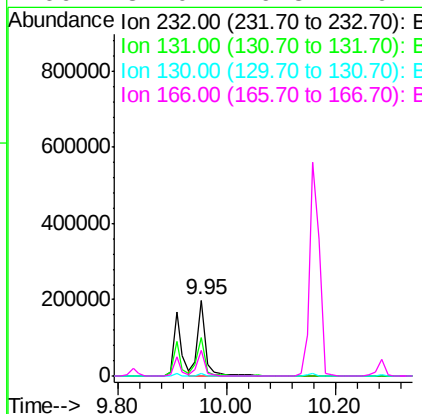
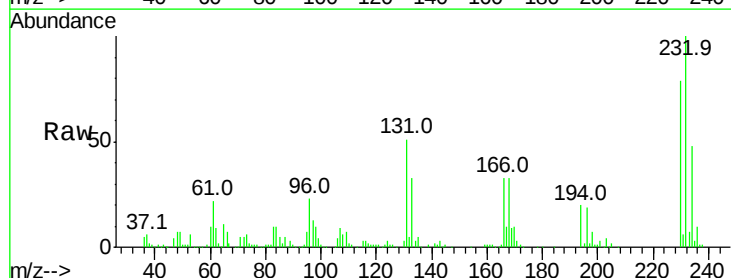
RT: 9.95 min Scan# 732

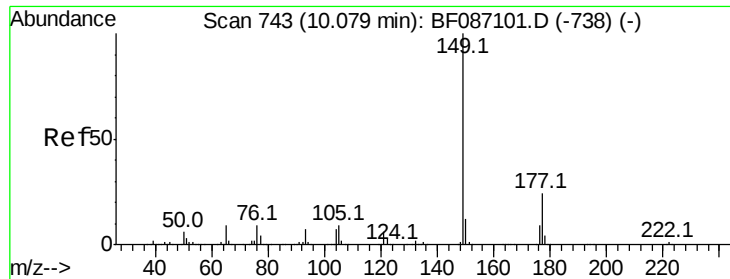
Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	232	Resp:	207066
Ion Ratio	Lower	Upper	
232	100		
131	51.4	41.9	62.9
130	2.7	2.2	3.4
166	31.0	26.8	40.2





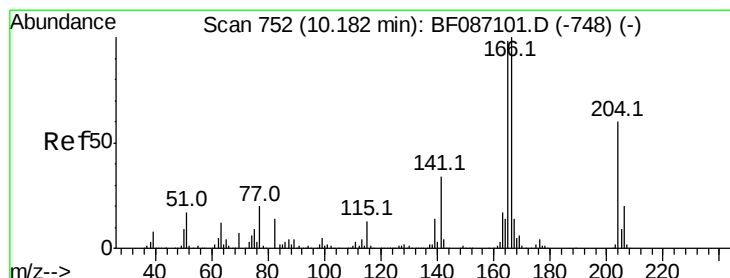
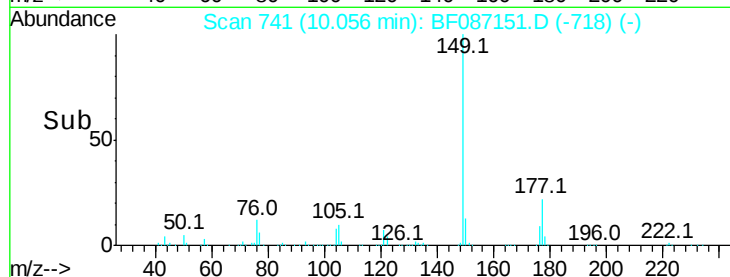
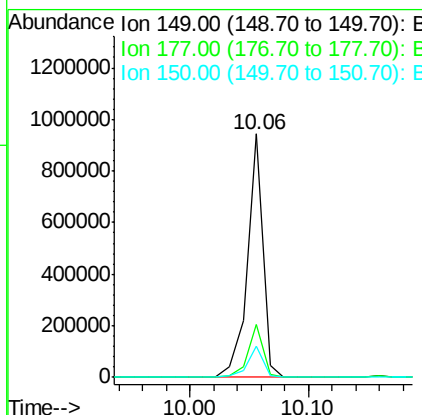
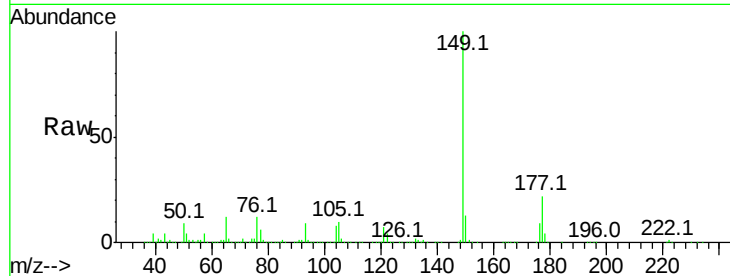
#59
Diethylphthalate
Concen: 44.48 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

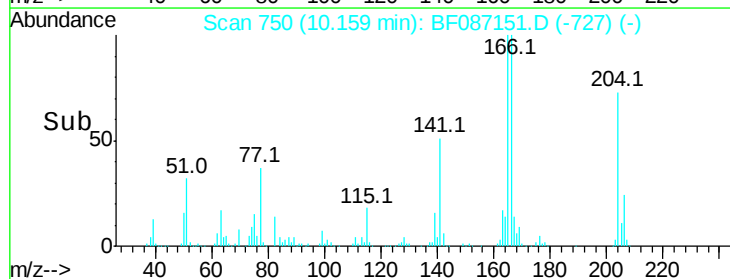
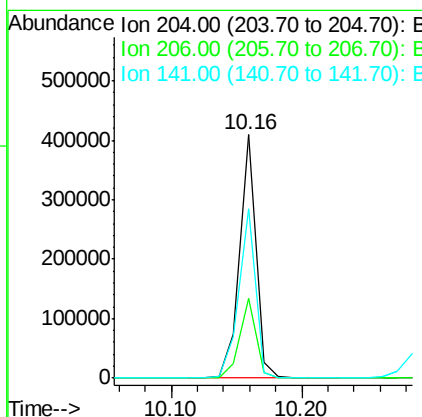
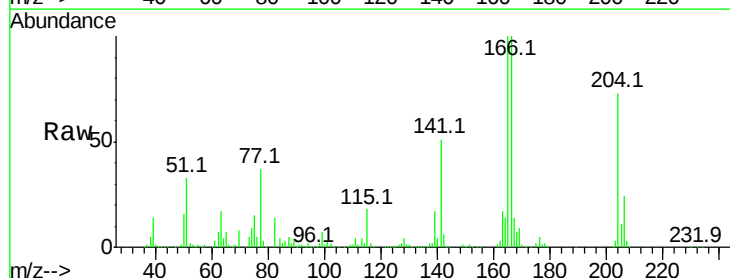
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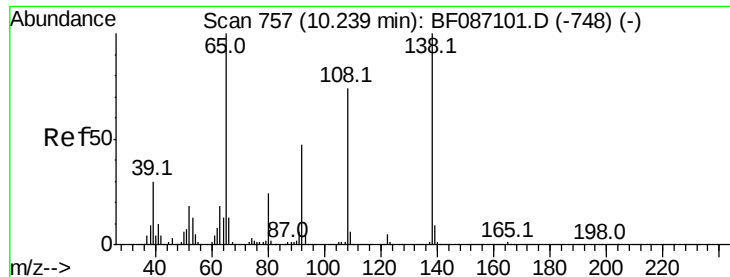
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#60
4-Chlorophenyl-phenylether
Concen: 44.66 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





#61

4-Nitroaniline

Concen: 44.21 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

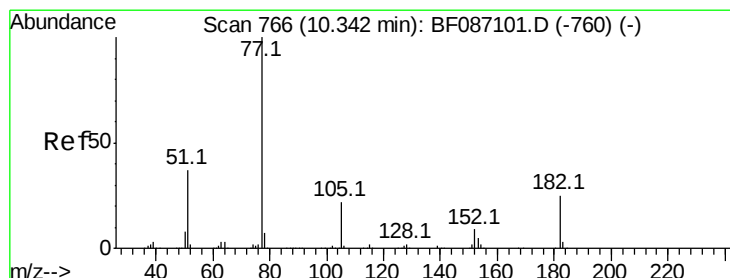
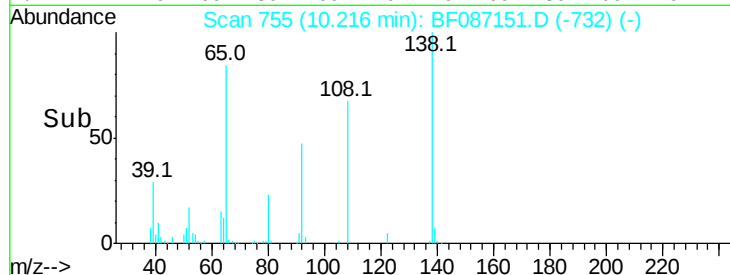
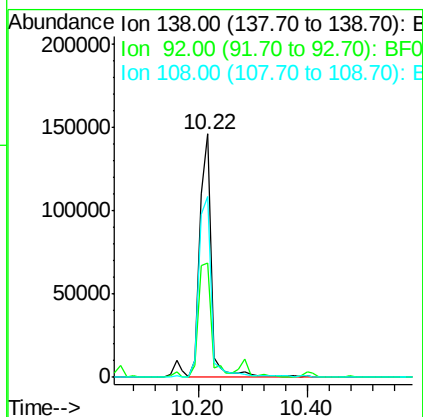
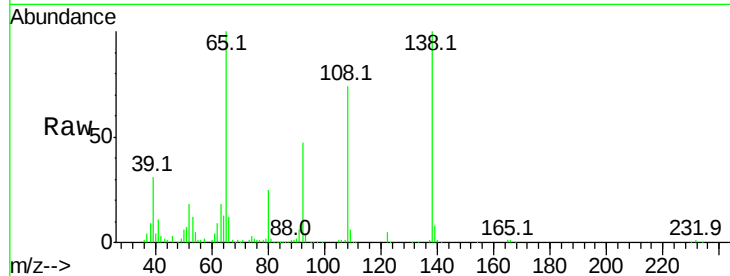
ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:	138	Resp:	208053
Ion Ratio	Lower	Upper	
138	100		
92	47.1	24.7	64.7
108	74.1	37.4	77.4

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#62

Azobenzene

Concen: 48.07 ng

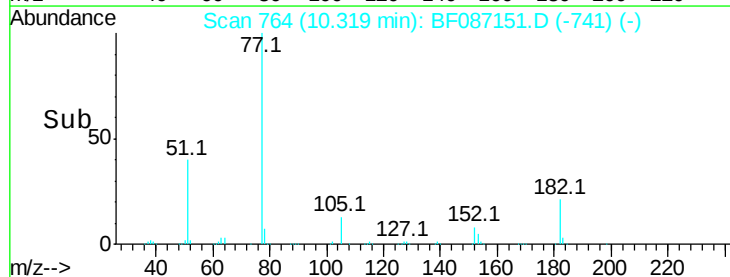
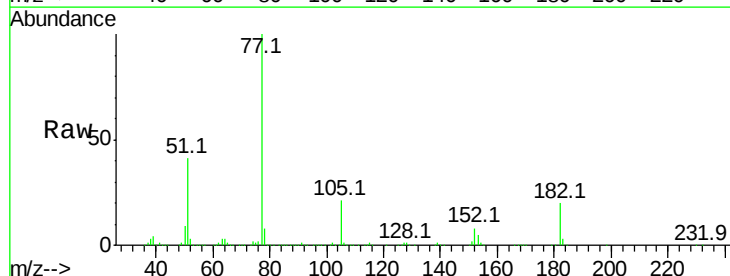
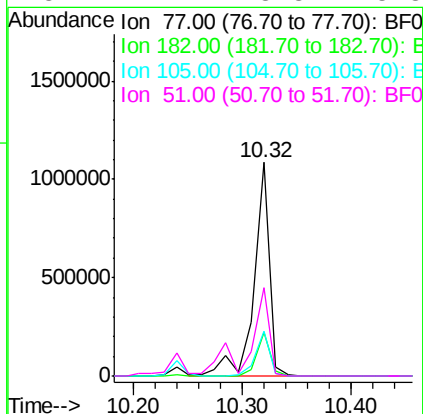
RT: 10.32 min Scan# 764

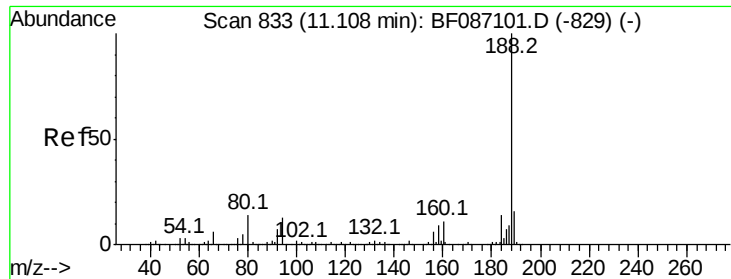
Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	77	Resp:	1072235
Ion Ratio	Lower	Upper	
77	100		
182	20.2	0.0	38.8
105	21.1	3.2	43.2
51	41.1	8.8	48.8





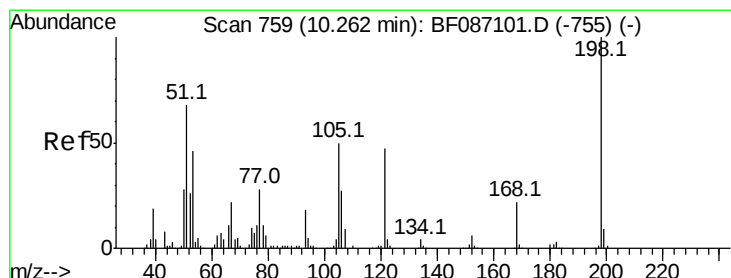
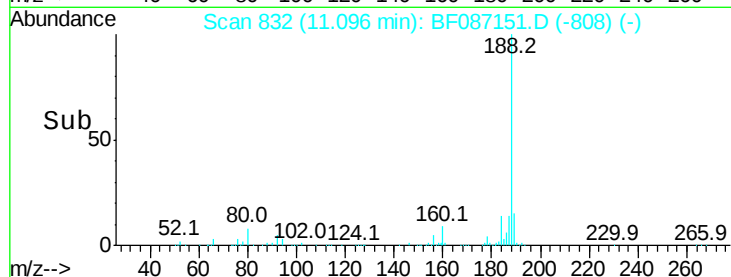
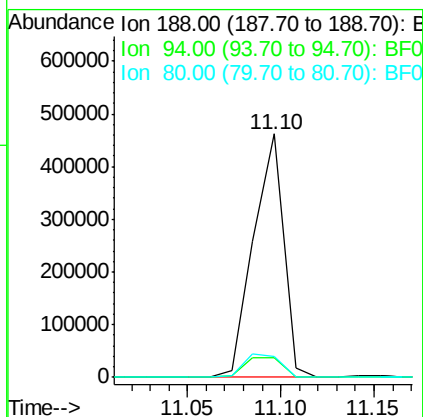
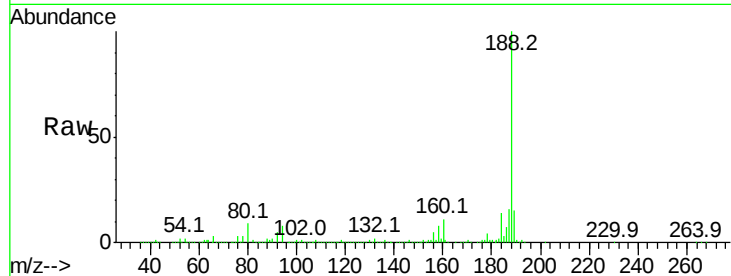
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

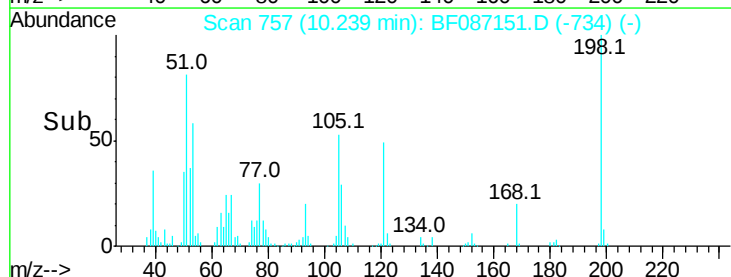
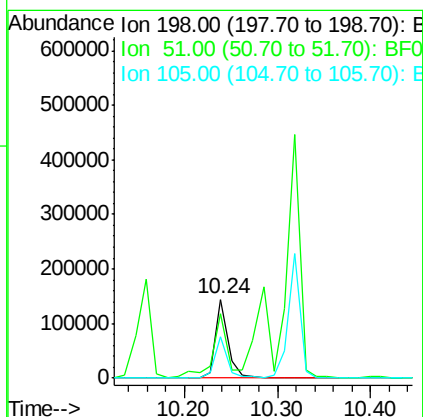
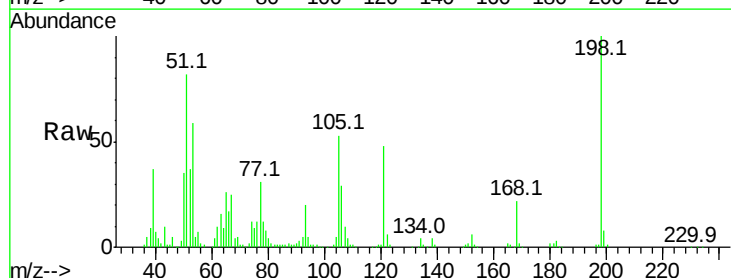
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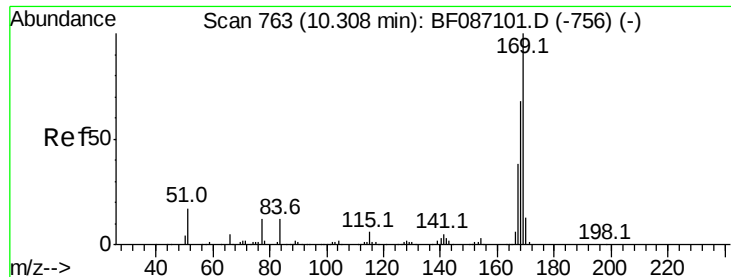
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.65 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





#65

n-Nitrosodiphenylamine

Concen: 42.43 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

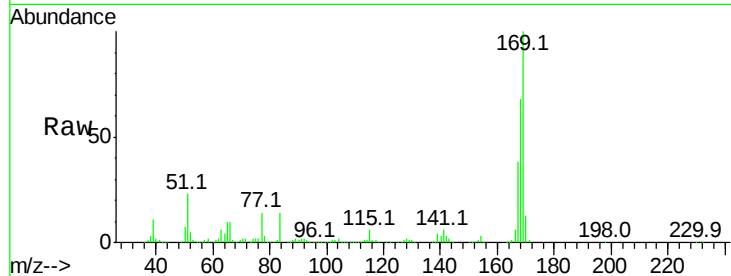
ClientSampleId :

BERKSHIRE-HOMESMS

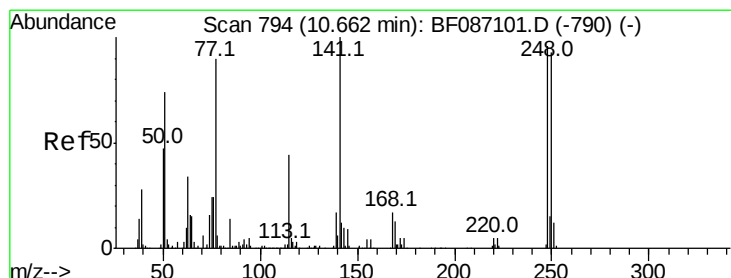
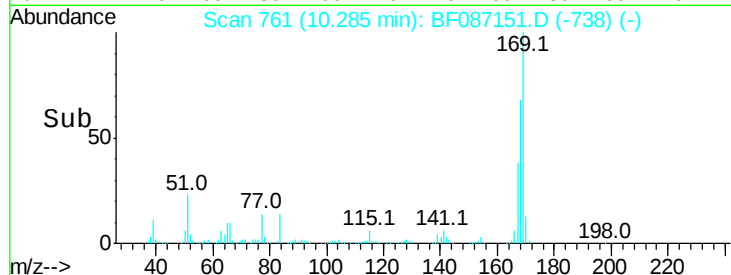
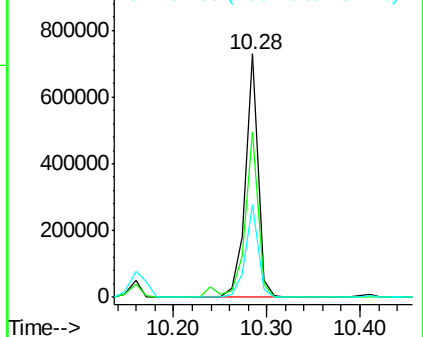
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		689865		
168	68.1	53.8	80.6		
167	38.1	29.5	44.3		

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.84 ng

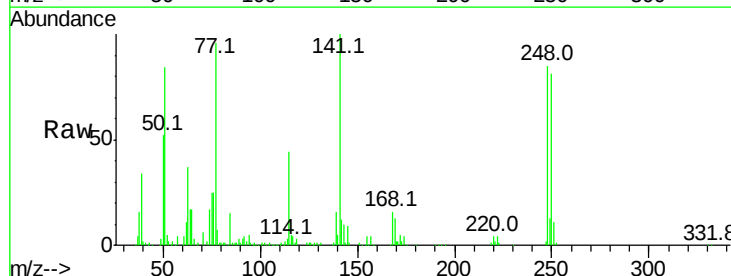
RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

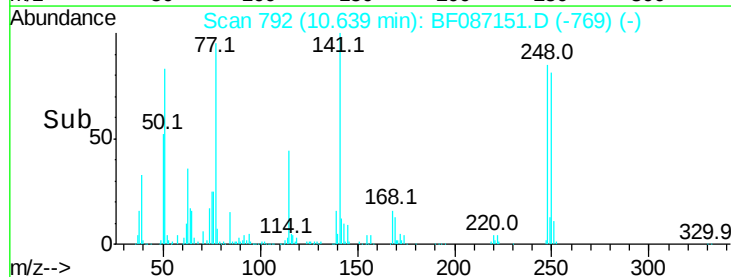
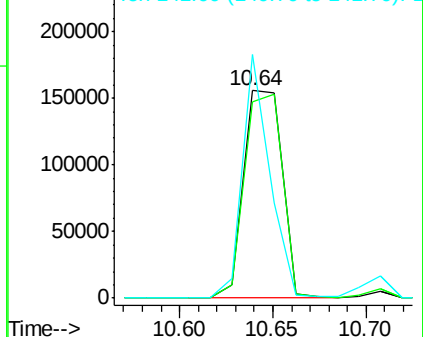
Lab File: BF087151.D

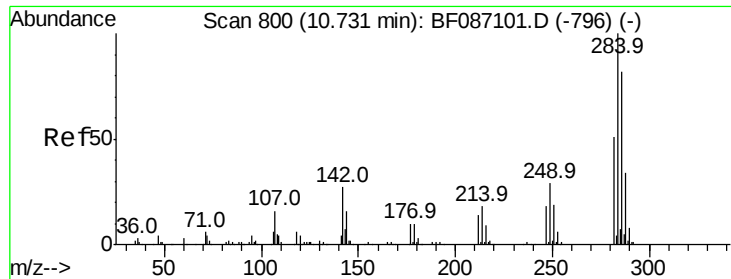
Acq: 18 May 2016 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		222291		
250	94.6	78.6	117.8		
141	117.2	76.0	114.0#		



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





#67

Hexachlorobenzene

Concen: 41.14 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

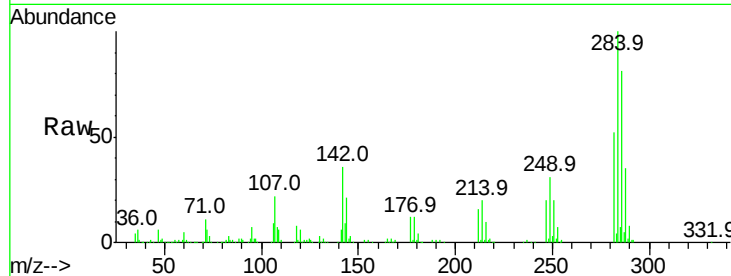
ClientSampleId :

BERKSHIRE-HOMESMS

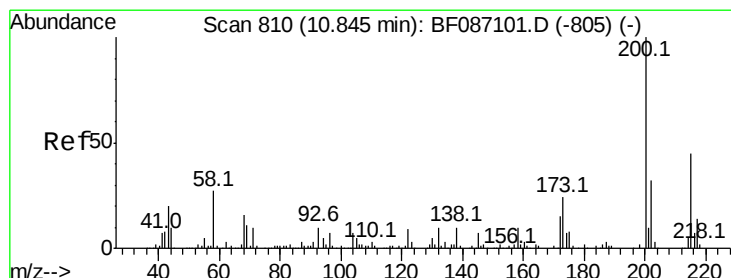
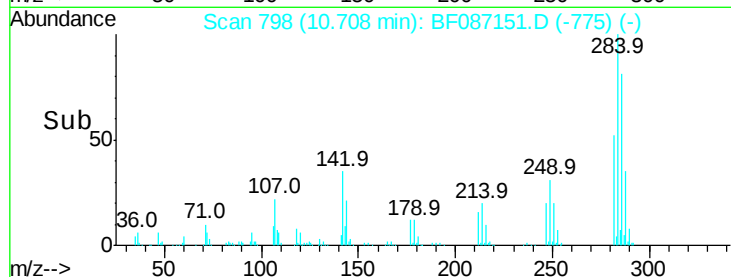
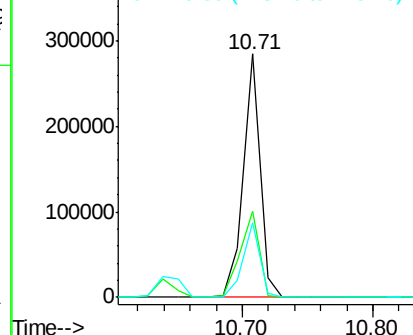
Tot Ion:	284	Resp:	253412
Ion Ratio	Lower	Upper	
284	100		
142	35.5	16.7	25.1#
249	30.7	21.3	31.9

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



#68

Atrazine

Concen: 47.18 ng

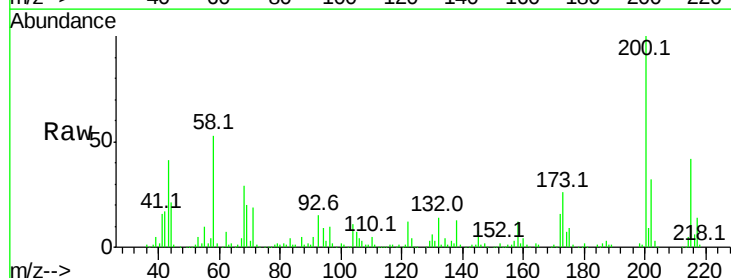
RT: 10.82 min Scan# 808

Delta R.T. -0.03 min

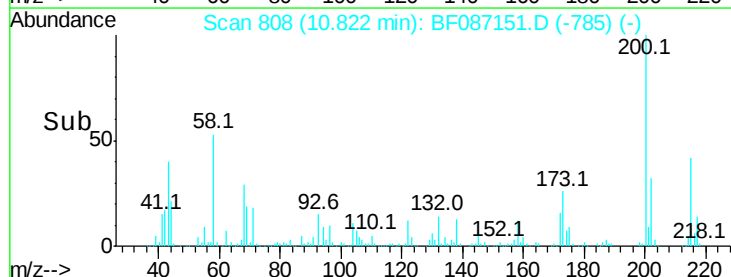
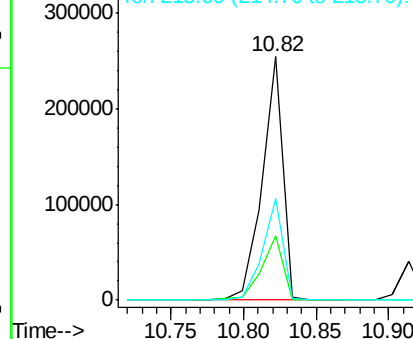
Lab File: BF087151.D

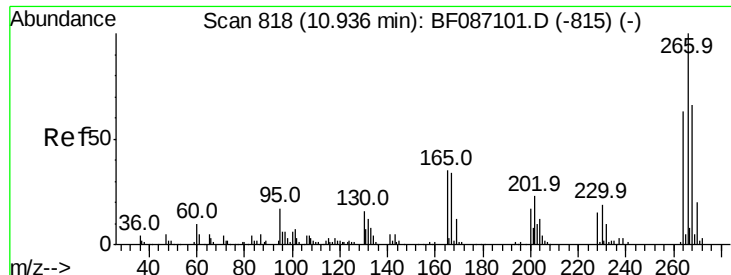
Acq: 18 May 2016 18:49

Tgt Ion:	200	Resp:	250237
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.5	48.5
215	41.9	27.2	67.2



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





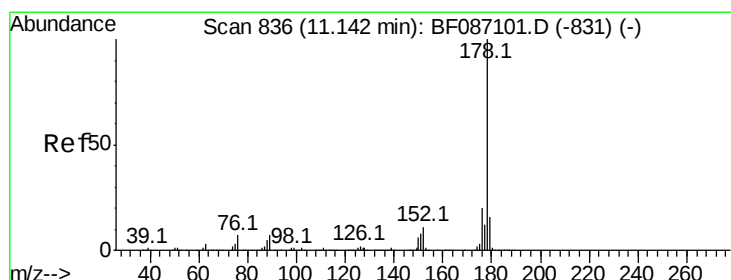
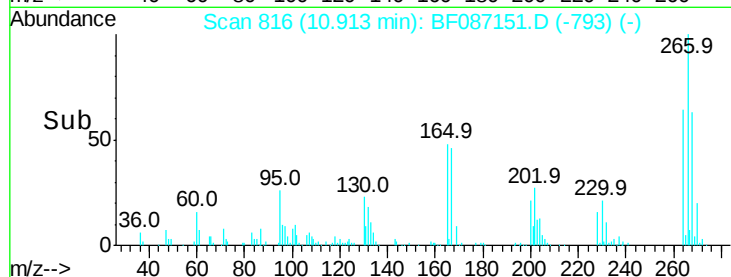
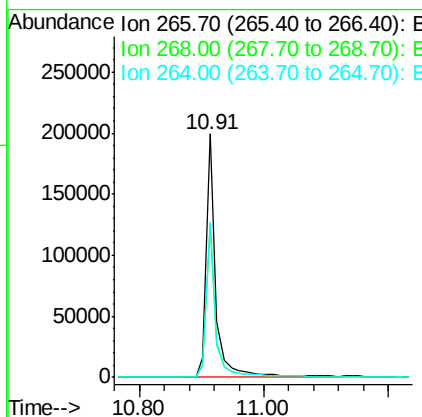
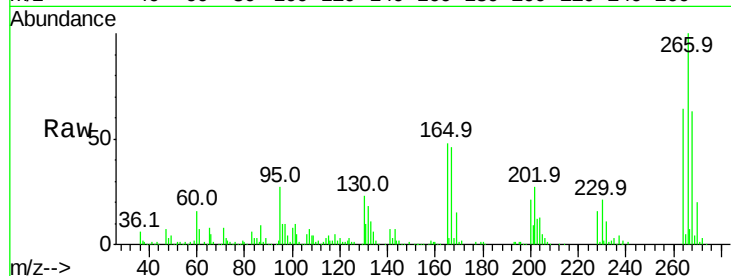
#69
 Pentachlorophenol
 Concen: 93.64 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

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

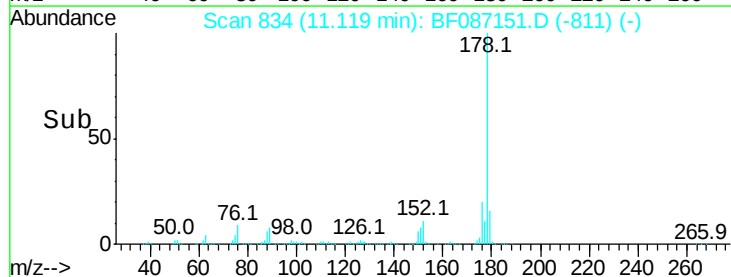
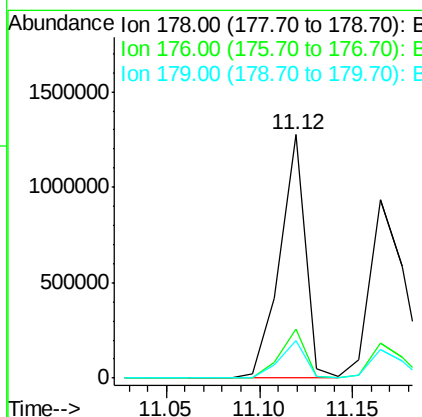
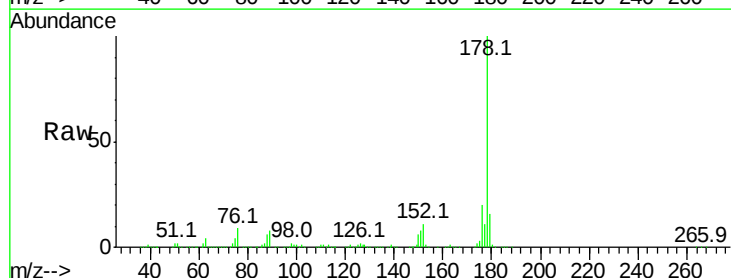
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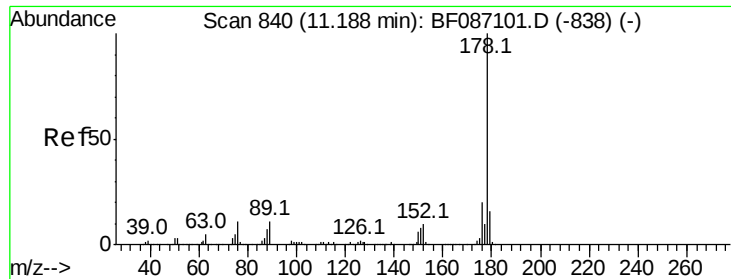
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#70
 Phenanthrene
 Concen: 43.26 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





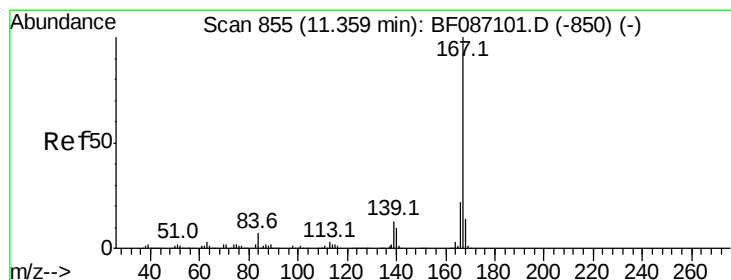
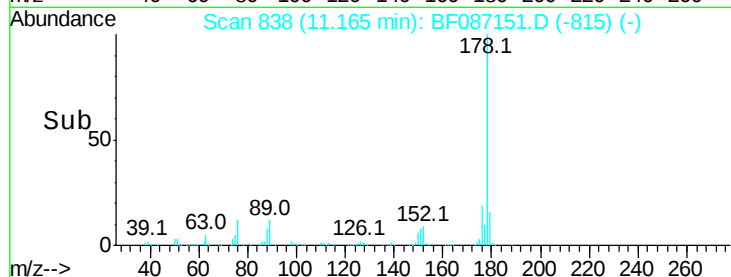
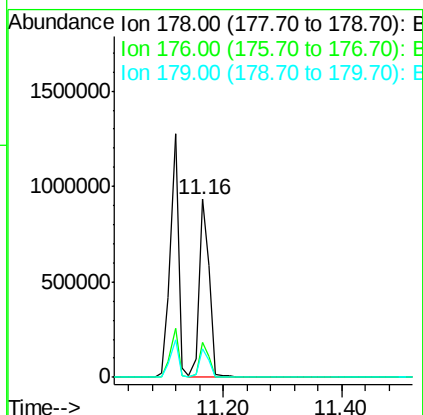
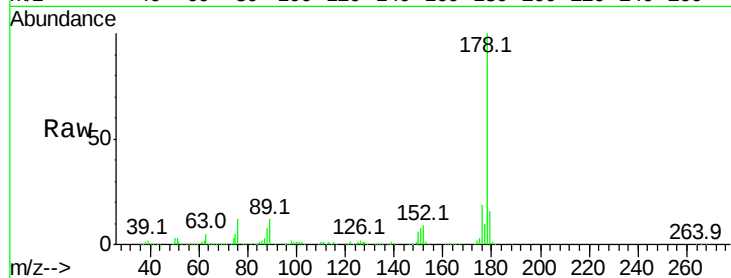
#71
 Anthracene
 Concen: 39.89 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

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

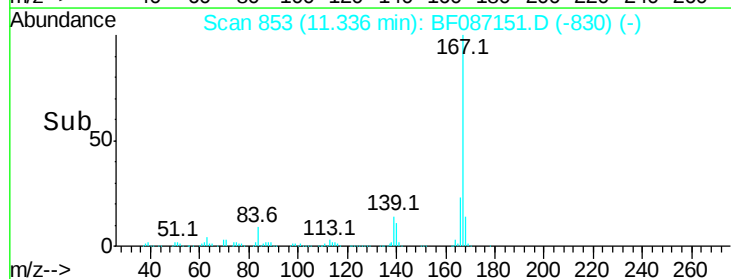
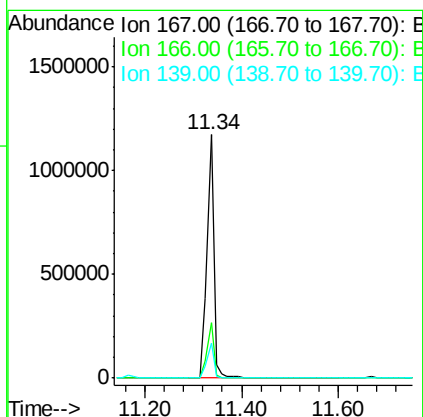
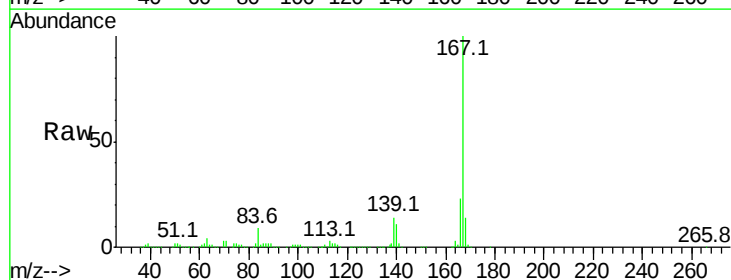
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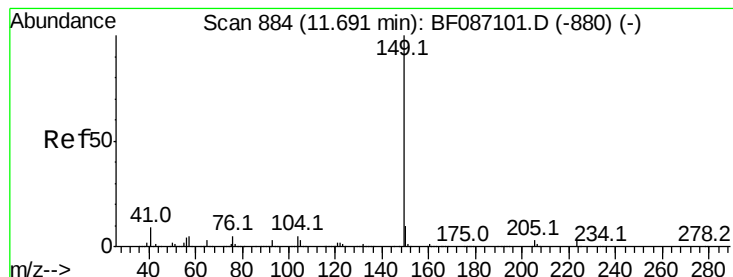
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#72
 Carbazole
 Concen: 44.77 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





#73

Di-n-butylphthalate

Concen: 44.86 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

ClientSampleId :

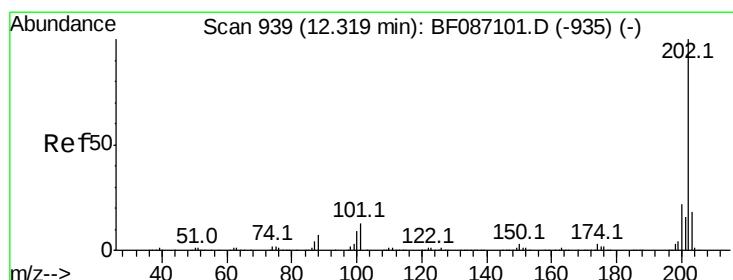
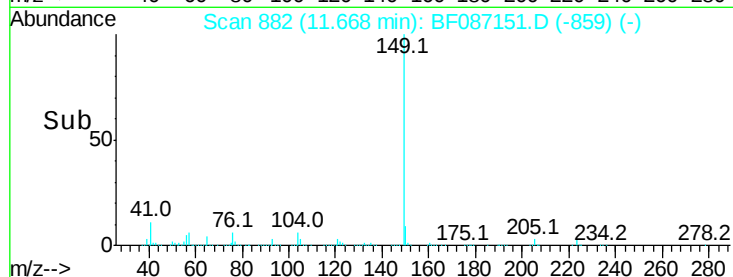
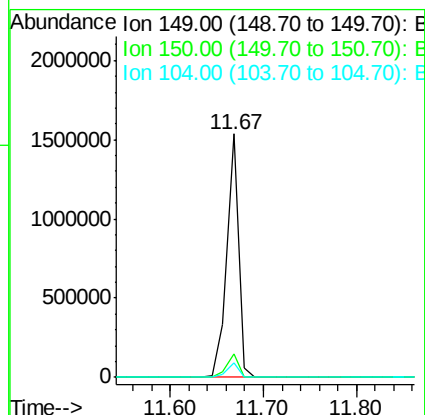
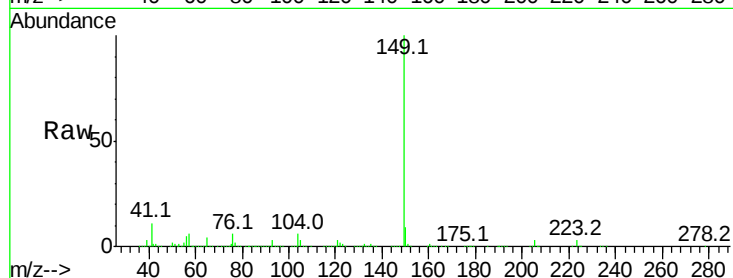
BERKSHIRE-HOMESMS

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Tot Ion:	149	Resp:	1334054
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.8	3.8	5.6



#74

Fluoranthene

Concen: 40.23 ng

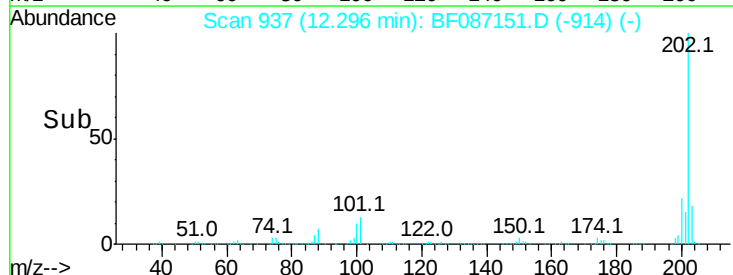
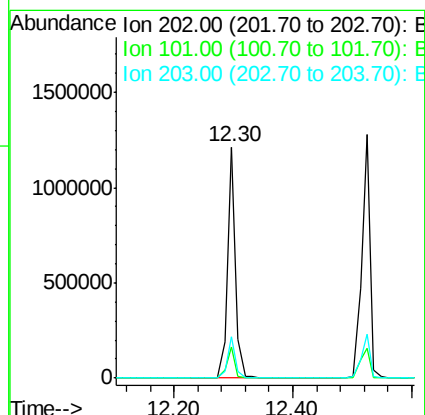
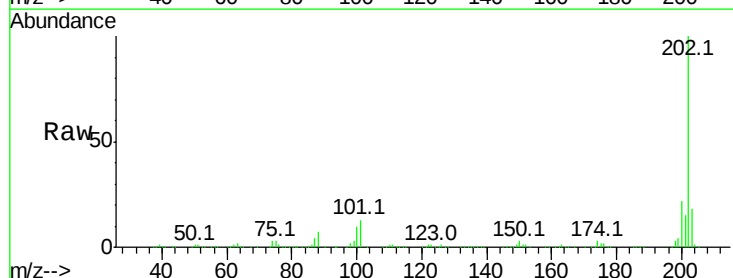
RT: 12.30 min Scan# 937

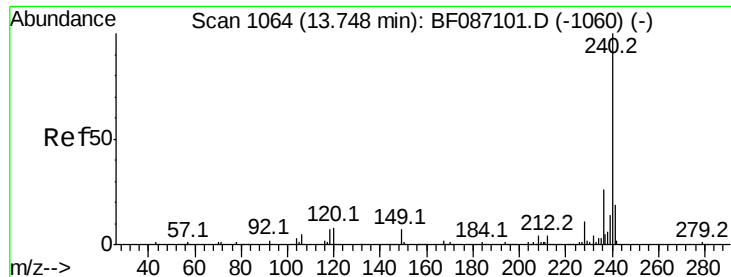
Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	202	Resp:	1129416
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

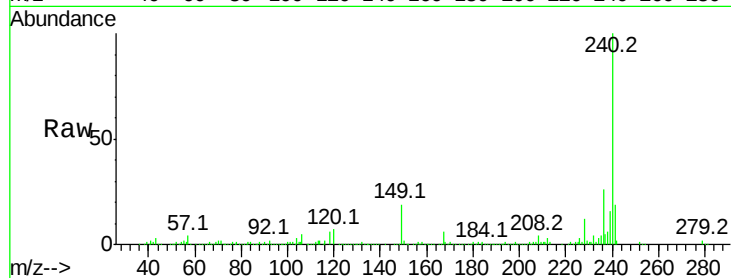
ClientSampleId :

BERKSHIRE-HOMESMS

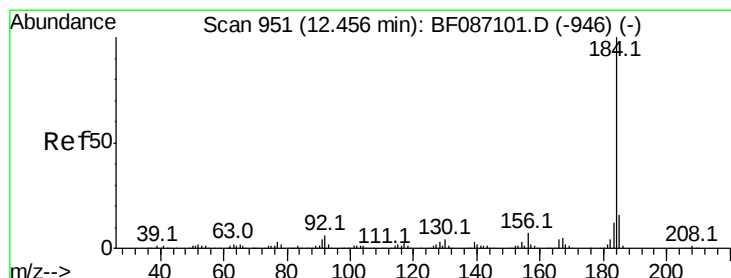
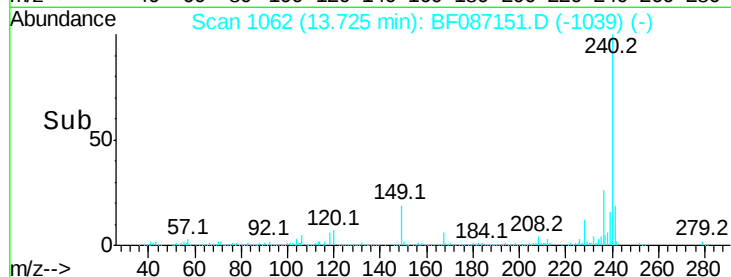
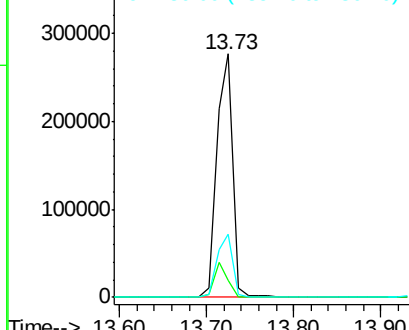
Tot Ion:	240	Resp:	356198
Ion Ratio		Lower	Upper
240	100		
120	6.8	11.2	16.8#
236	25.9	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.62 ng

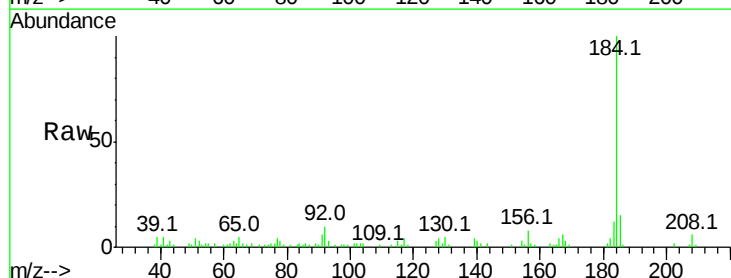
RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

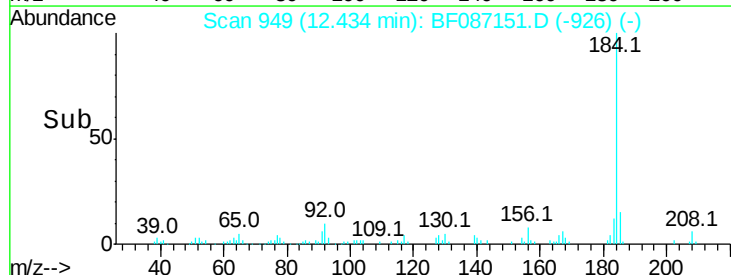
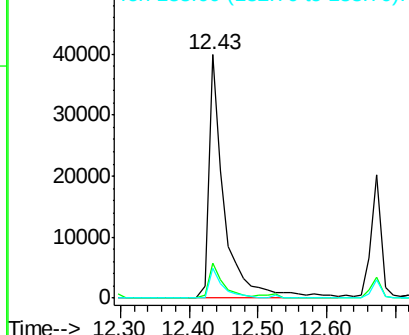
Lab File: BF087151.D

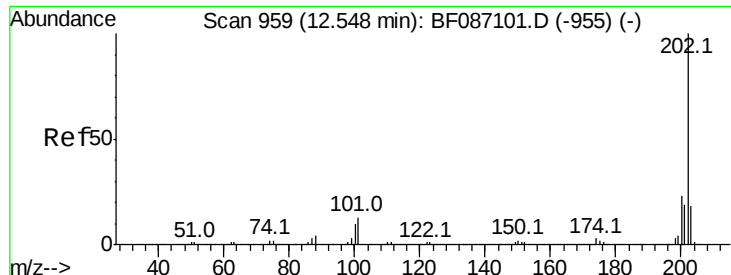
Acq: 18 May 2016 18:49

Tgt Ion:	184	Resp:	62471
Ion Ratio		Lower	Upper
184	100		
185	14.5	13.6	20.4
183	12.0	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





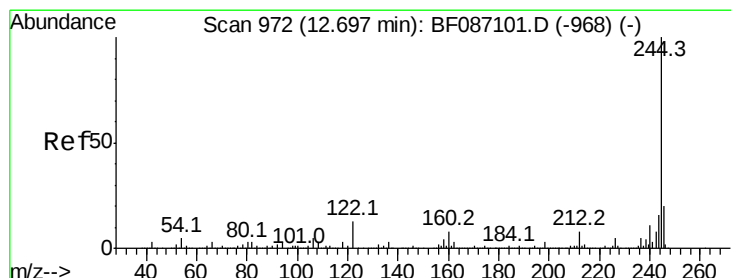
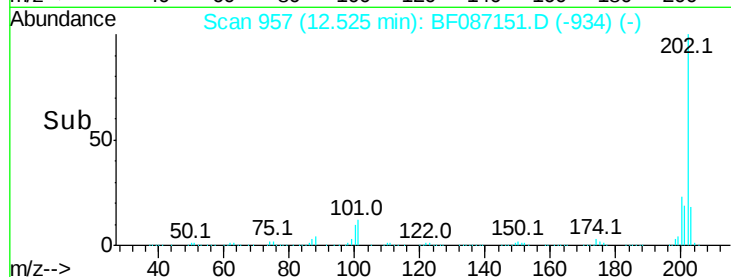
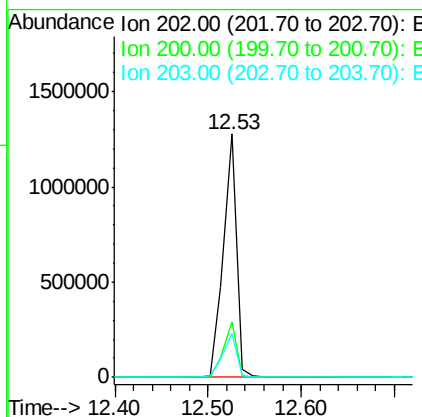
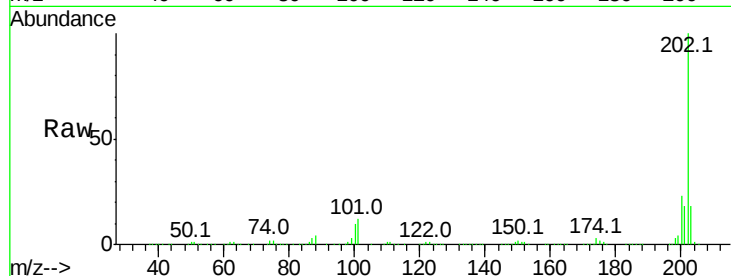
#77
 Pvrene
 Concen: 48.64 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.7	26.5
203	17.9	14.2	21.4

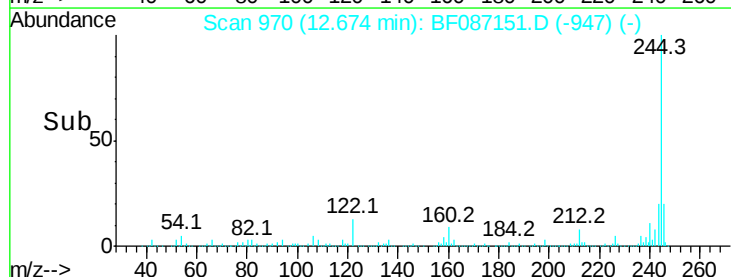
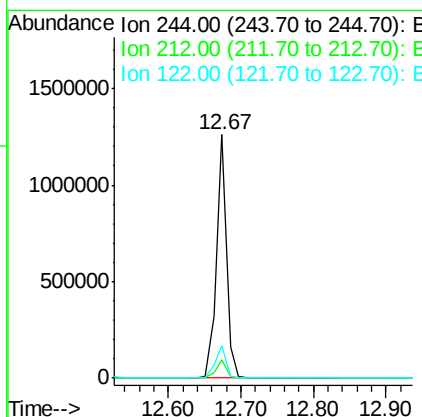
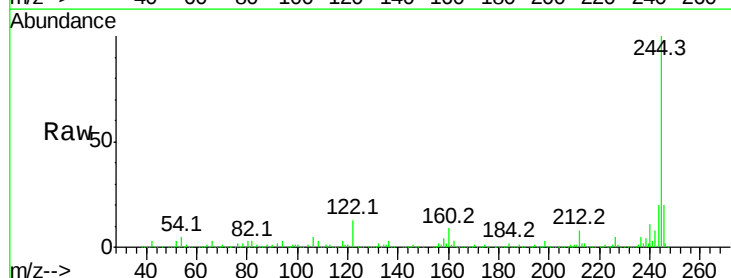
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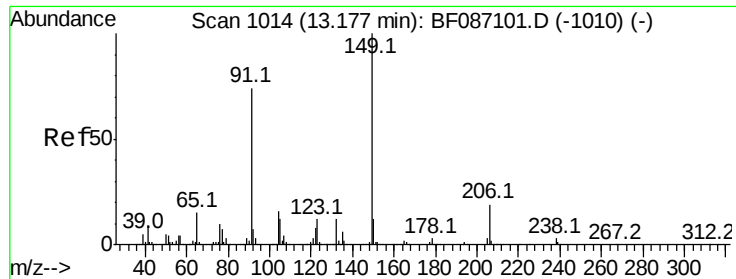
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#78
 Terphenyl-d14
 Concen: 77.44 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





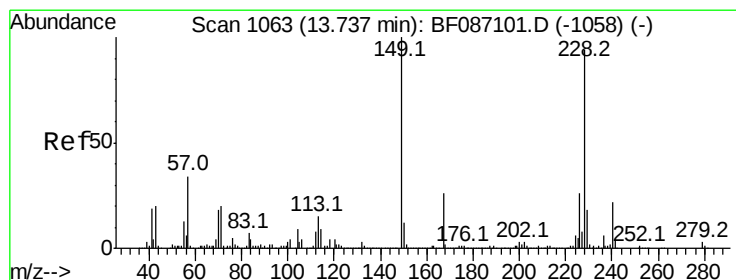
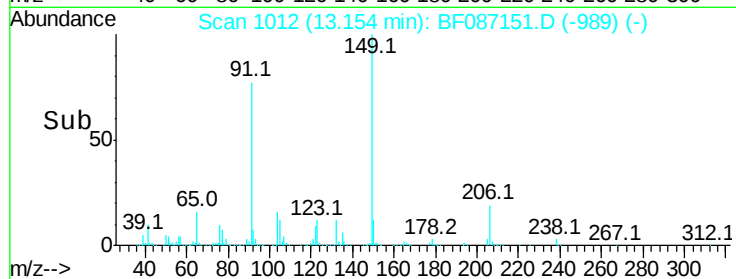
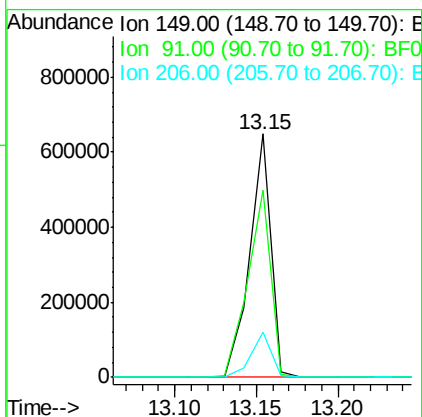
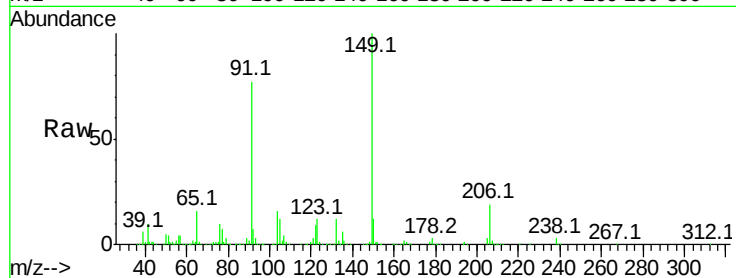
#79
Butylbenzylphthalate
Concen: 53.96 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

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

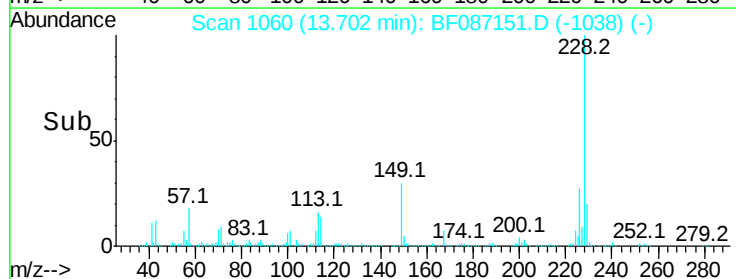
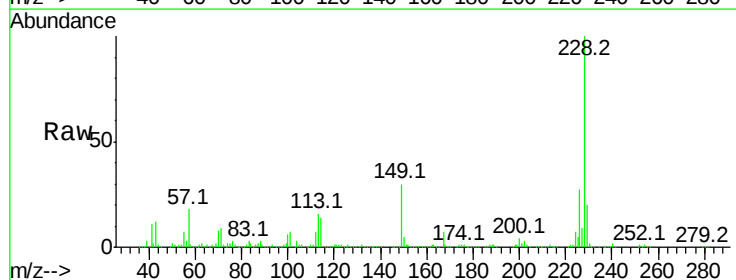
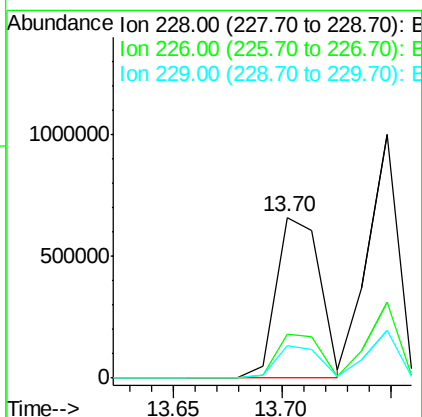
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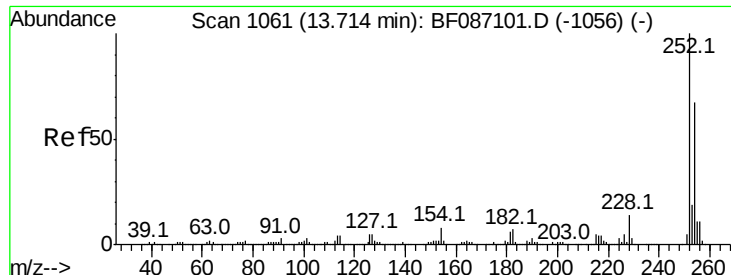
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#80
Benzo(a)anthracene
Concen: 44.90 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.05 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

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





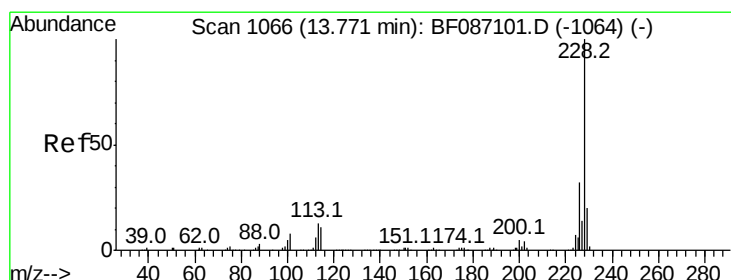
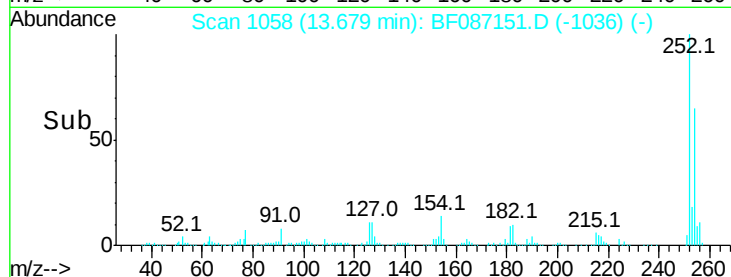
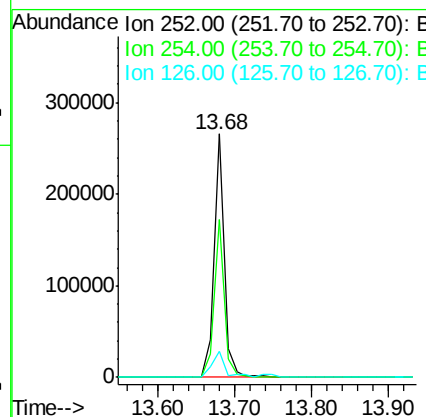
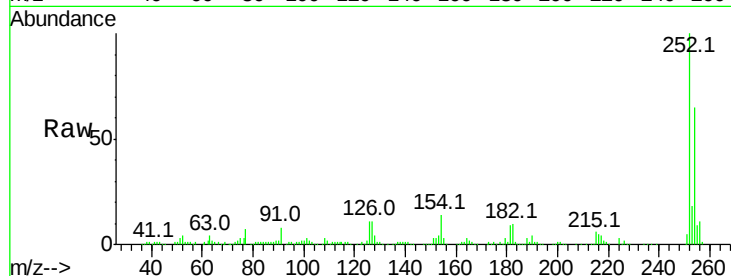
#81
 3,3'-Dichlorobenzidine
 Concen: 18.44 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

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

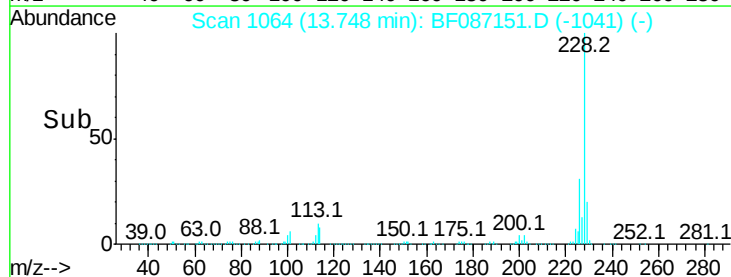
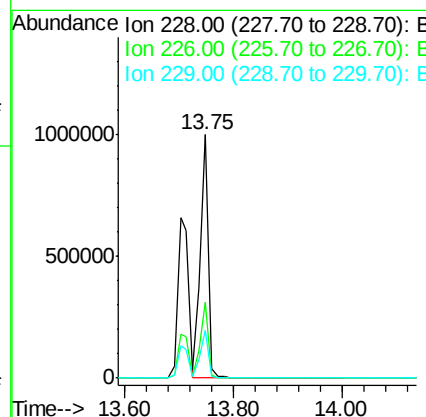
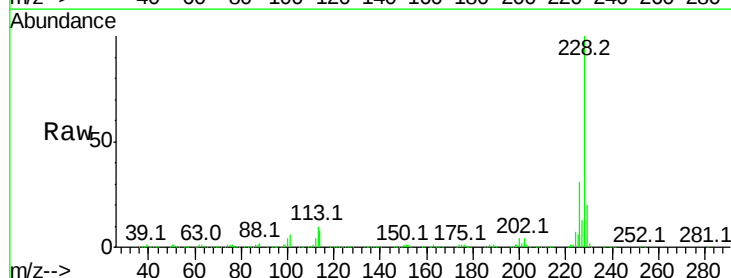
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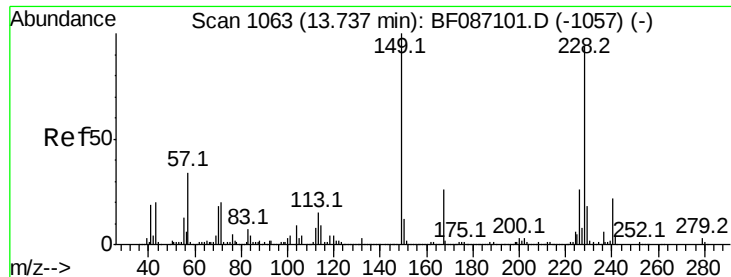
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#82
 Chrysene
 Concen: 49.71 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





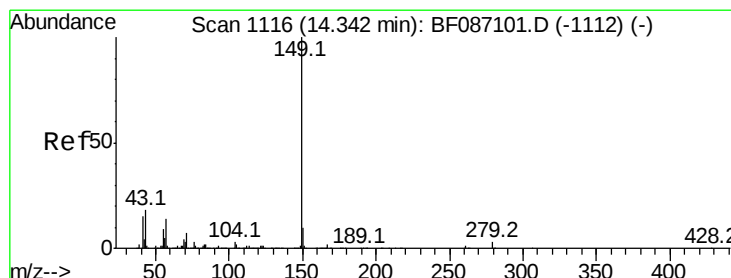
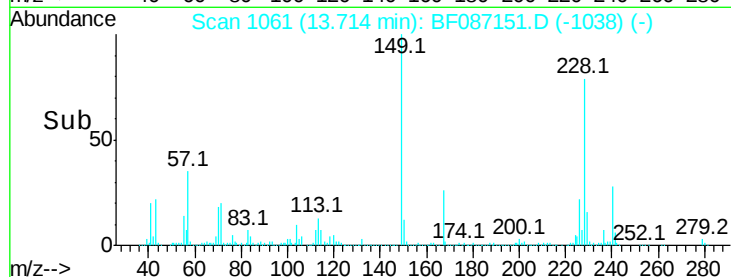
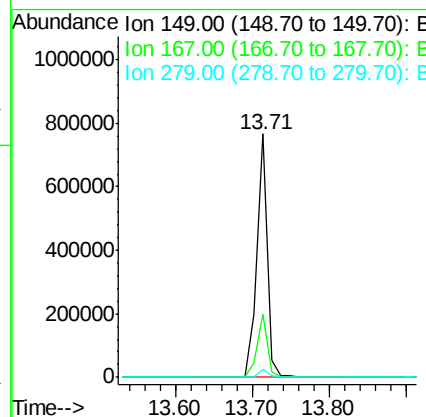
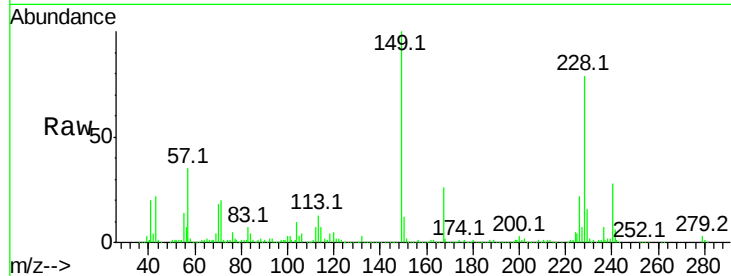
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.70 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.9	21.8	32.6	
279	3.2	2.6	4.0	

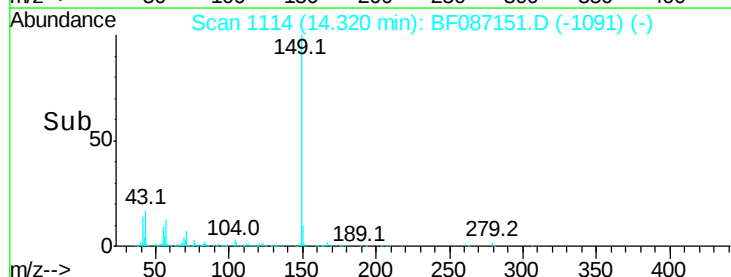
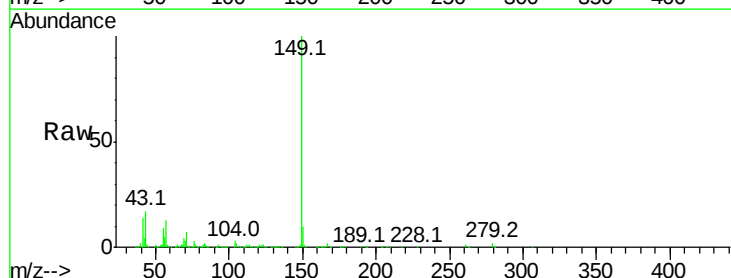
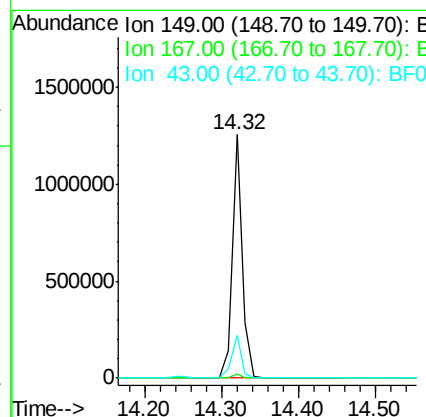
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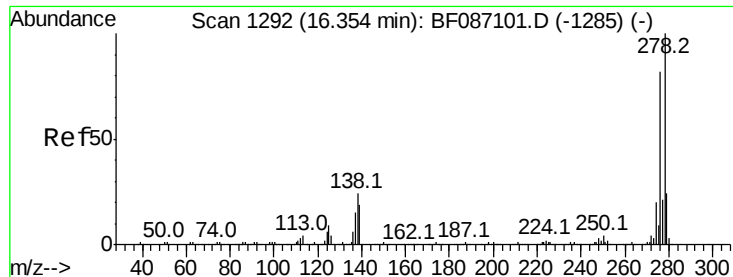
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#84
 Di-n-octyl phthalate
 Concen: 51.07 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.03 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





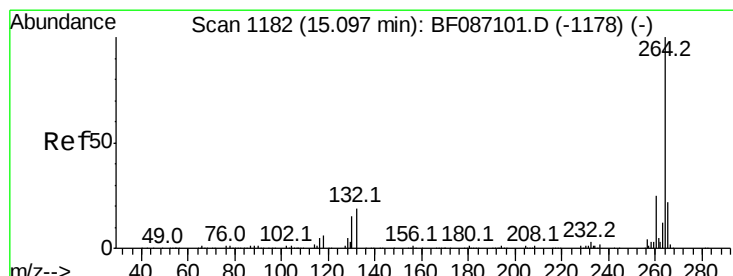
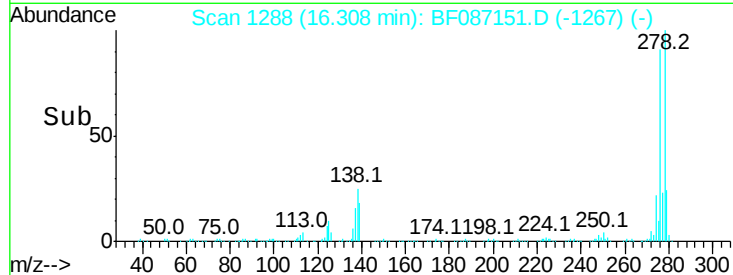
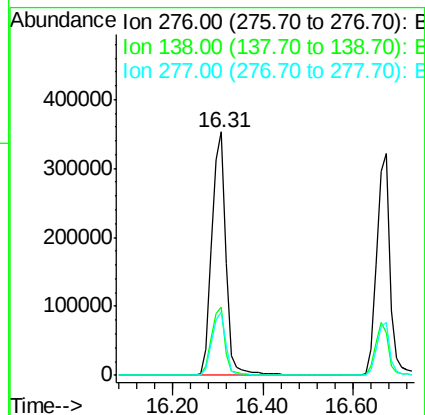
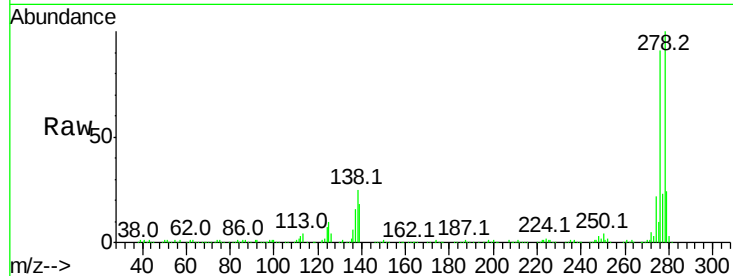
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.29 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

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

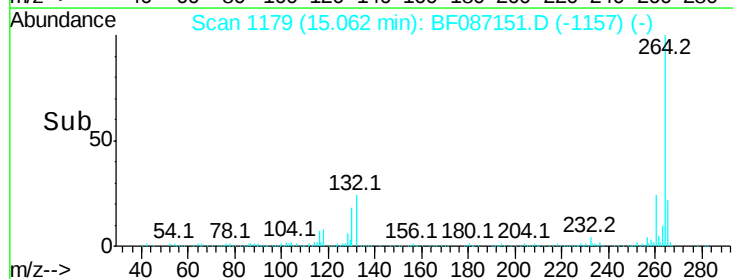
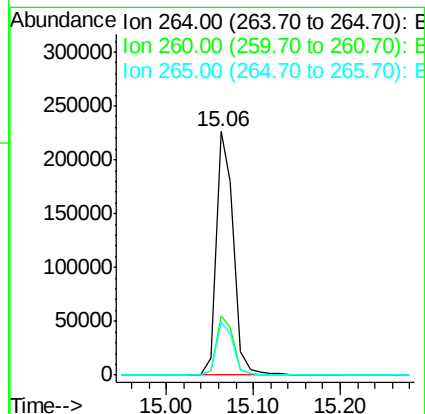
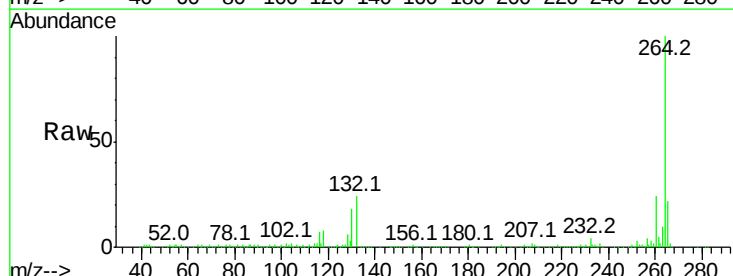
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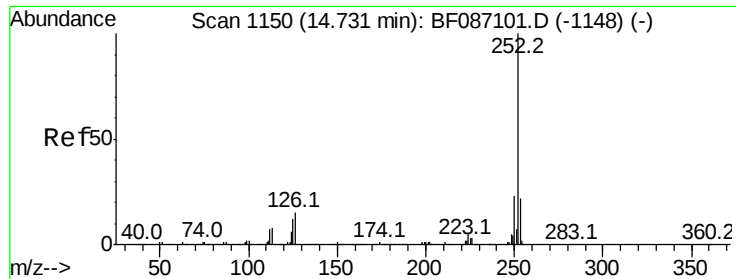
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

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





#87

Benzo(b)fluoranthene

Concen: 41.35 ng m

RT: 14.71 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Instrument :

BNA_F

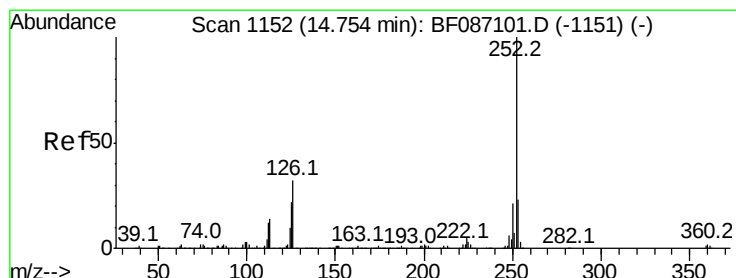
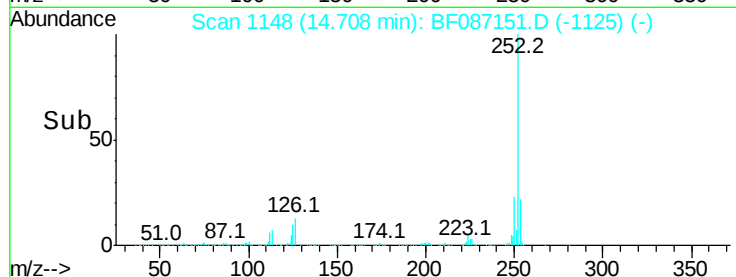
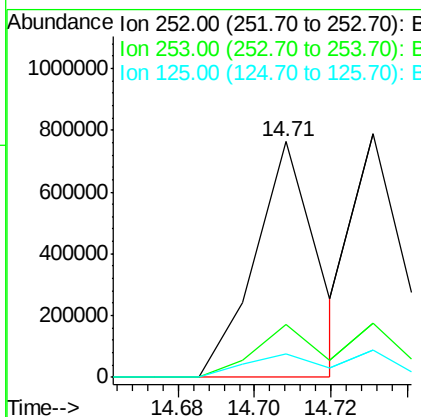
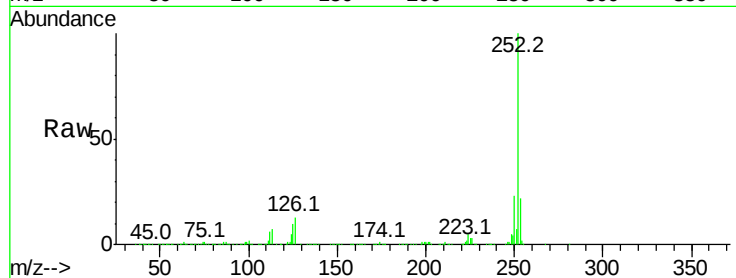
ClientSampleId :

BERKSHIRE-HOMESMS

Tot Ion:	252	Resp:	862909
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	9.8	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 45.66 ng m

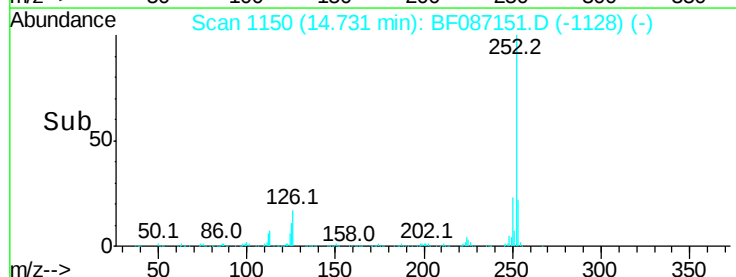
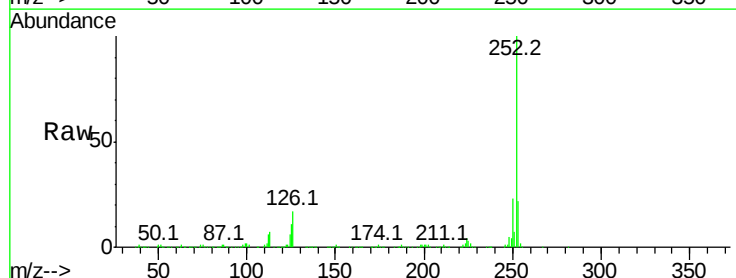
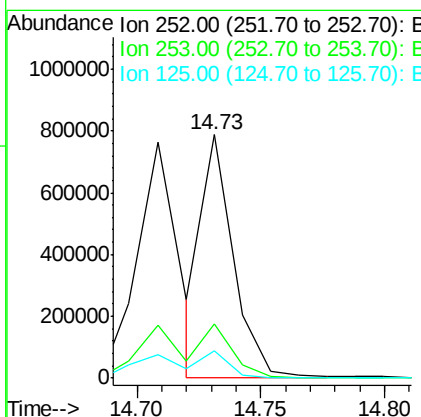
RT: 14.73 min Scan# 1150

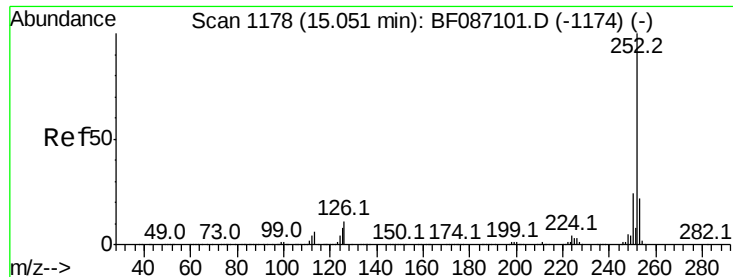
Delta R.T. -0.05 min

Lab File: BF087151.D

Acq: 18 May 2016 18:49

Tgt Ion:	252	Resp:	709419
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	11.3	9.1	13.7





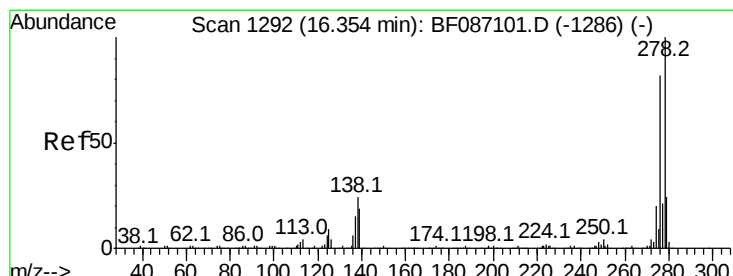
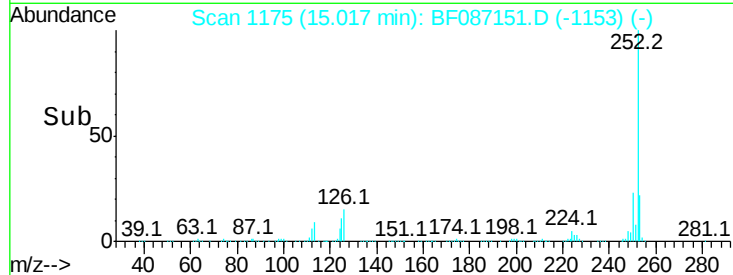
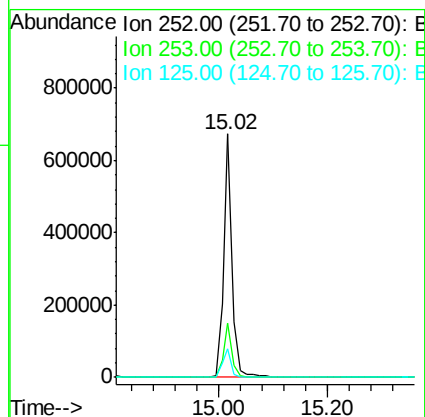
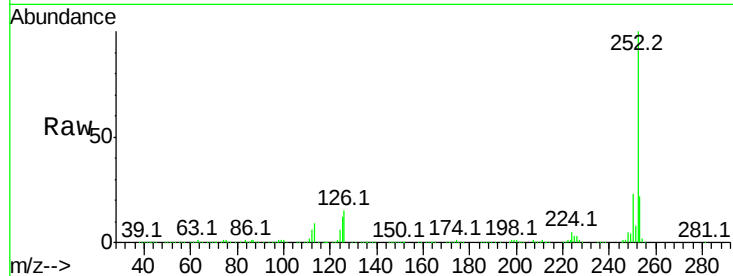
#89
Benzo(a)pyrene
Concen: 42.35 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Tot Ion:	252	Resp:	738711
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	11.5	9.0	13.6

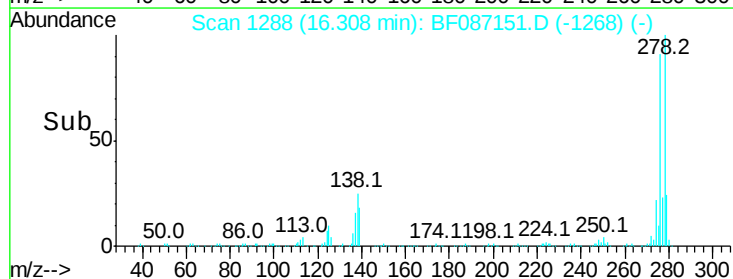
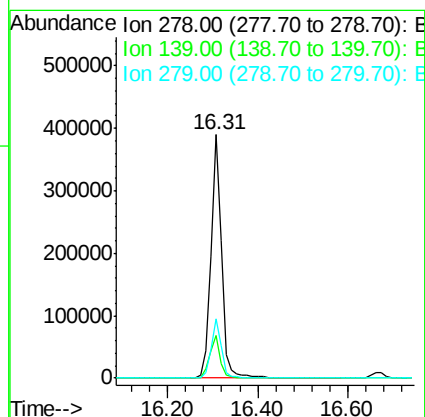
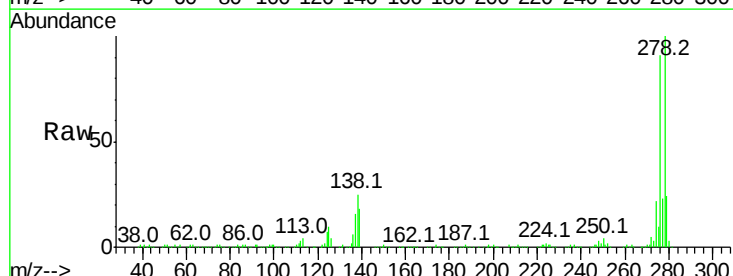
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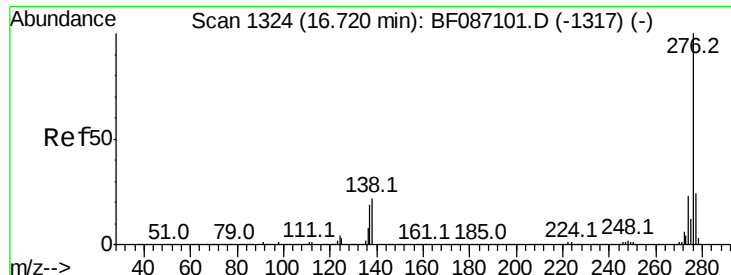
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#90
Dibenzo(a,h)anthracene
Concen: 44.13 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF087151.D
Acq: 18 May 2016 18:49

Tgt Ion:	278	Resp:	648039
Ion Ratio	Lower	Upper	
278	100		
139	17.8	16.6	24.8
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.02 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. -0.07 min
 Lab File: BF087151.D
 Acq: 18 May 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.6	29.4
138	19.1	23.6	35.4

Manual Integrations
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