

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

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Manual Integrations
 APPROVED

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 5/19/2016 7:06:08 PM

Quant Time: May 19 04:17:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	140505	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	577417	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	276507	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	525120	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	352640	20.00	ng	-0.05
86) Perylene-d12	15.07	264	344788	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1047910	125.36	ng	-0.02
7) Phenol-d6	6.25	99	1392909	124.24	ng	-0.03
23) Nitrobenzene-d5	7.15	82	970329	83.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	384379	125.80	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1256399	75.25	ng	-0.03
78) Terphenyl-d14	12.67	244	1236094	79.29	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	139602	32.46	ng	# 67
3) Pyridine	2.73	79	84808	8.15	ng	# 60
4) n-Nitrosodimethylamine	2.65	42	304666	41.33	ng	# 52
6) Aniline	6.25	93	332499	23.35	ng	# 78
8) 2-Chlorophenol	6.38	128	416295	40.93	ng	98
9) Benzaldehyde	6.12	77	130584	18.55	ng	99
10) Phenol	6.27	94	454124	32.22	ng	95
11) bis(2-Chloroethyl)ether	6.33	93	451751	42.69	ng	91
12) 1,3-Dichlorobenzene	6.51	146	409015m	37.83	ng	
13) 1,4-Dichlorobenzene	6.59	146	424400m	38.37	ng	
14) 1,2-Dichlorobenzene	6.75	146	375877	38.81	ng	97
15) Benzyl Alcohol	6.74	79	379589	45.48	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	822814	37.82	ng	71
17) 2-Methylphenol	6.88	107	324608	38.86	ng	# 79
18) Hexachloroethane	7.08	117	164823	38.98	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	348391	40.88	ng	# 71
20) 3+4-Methylphenols	7.03	107	453483	41.16	ng	# 61
22) Acetophenone	7.00	105	591786	41.88	ng	# 99
24) Nitrobenzene	7.18	77	475269	37.57	ng	97
25) Isophorone	7.42	82	849691	40.06	ng	99
26) 2-Nitrophenol	7.50	139	230125	43.91	ng	# 88
27) 2,4-Dimethylphenol	7.55	122	384653	43.01	ng	89
28) bis(2-Chloroethoxy)methane	7.63	93	480425	41.26	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	342789	43.50	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	373152	42.67	ng	98
31) Naphthalene	7.88	128	1150135	40.77	ng	99
32) Benzoic acid	7.70	122	121859	22.86	ng	# 81
33) 4-Chloroaniline	7.95	127	301663	25.73	ng	# 90
34) Hexachlorobutadiene	8.01	225	204388	41.19	ng	99
35) Caprolactam	8.34	113	105293m	40.13	ng	
36) 4-Chloro-3-methylphenol	8.47	107	389623	40.99	ng	97
37) 2-Methylnaphthalene	8.58	142	754020	41.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	327499	40.55	ng	99
40) Hexachlorocyclopentadiene	8.73	237	222578	72.22	ng	96

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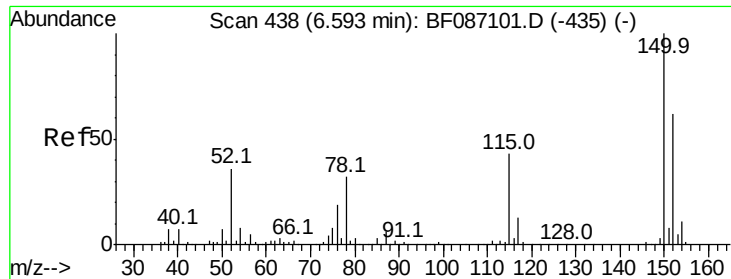
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	211401	40.36	nq	91
43) 2,4,5-Trichlorophenol	8.92	196	221186	40.65	nq	94
45) 1,1'-Biphenyl	9.05	154	981615	42.81	nq	99
46) 2-Chloronaphthalene	9.07	162	720675	40.94	nq	99
47) 2-Nitroaniline	9.18	65	273257	40.51	nq	# 72
48) Acenaphthylene	9.48	152	1089116	40.52	nq	99
49) Dimethylphthalate	9.36	163	1035647	49.10	nq	99
50) 2,6-Dinitrotoluene	9.43	165	207787	45.37	nq	91
51) Acenaphthene	9.64	154	654848	39.00	nq	98
52) 3-Nitroaniline	9.60	138	156346	31.53	nq	94
53) 2,4-Dinitrophenol	9.71	184	175618	67.69	nq	87
54) Dibenzofuran	9.83	168	983395	45.29	nq	100
55) 4-Nitrophenol	9.79	139	234664m	70.06	nq	
56) 2,4-Dinitrotoluene	9.83	165	220619	37.61	nq	# 67
57) Fluorene	10.16	166	697901	40.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	199906	47.17	nq	98
59) Diethylphthalate	10.06	149	822264	40.83	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	336146	40.65	nq	95
61) 4-Nitroaniline	10.22	138	200044	40.86	nq	86
62) Azobenzene	10.32	77	1010207	43.54	nq	88
64) 4,6-Dinitro-2-methylphenol	10.24	198	135315	39.13	nq	# 59
65) n-Nitrosodiphenylamine	10.28	169	678406	41.05	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	208979	38.70	nq	# 90
67) Hexachlorobenzene	10.71	284	248919	39.76	nq	# 83
68) Atrazine	10.82	200	243635	45.19	nq	96
69) Pentachlorophenol	10.91	266	217927	92.66	nq	98
70) Phenanthrene	11.12	178	1174370	41.23	nq	100
71) Anthracene	11.16	178	1103065	38.29	nq	100
72) Carbazole	11.34	167	1158069	44.01	nq	99
73) Di-n-butylphthalate	11.67	149	1265855	41.88	nq	# 99
74) Fluoranthene	12.30	202	1104649	38.71	nq	97
76) Benzidine	12.43	184	30594	3.25	nq	97
77) Pyrene	12.52	202	1211484	47.56	nq	100
79) Butylbenzylphthalate	13.15	149	550968	51.23	nq	# 82
80) Benzo(a)anthracene	13.70	228	856666	42.01	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	230417	17.76	nq	# 97
82) Chrysene	13.75	228	933532	47.32	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	667870	51.03	nq	98
84) Di-n-octyl phthalate	14.32	149	1089965	48.34	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.31	276	837167	48.35	nq	95
87) Benzo(b)fluoranthene	14.71	252	834166m	36.47	nq	
88) Benzo(k)fluoranthene	14.73	252	703888m	41.34	nq	
89) Benzo(a)pyrene	15.02	252	744787	38.95	nq	98
90) Dibenzo(a,h)anthracene	16.31	278	699754	43.47	nq	98
91) Benzo(g,h,i)perylene	16.67	276	715317	44.00	nq	# 92

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



#1

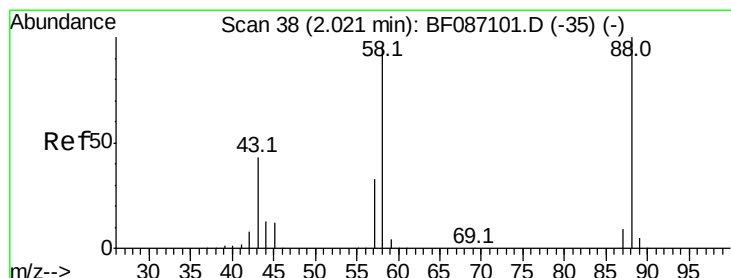
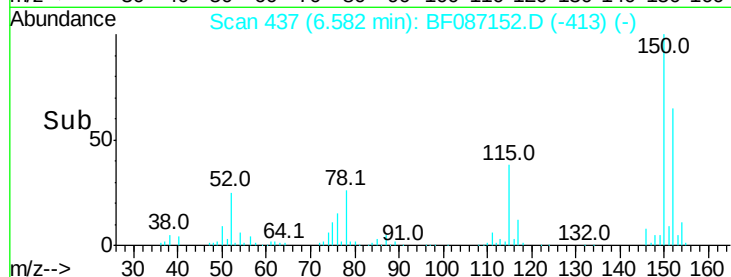
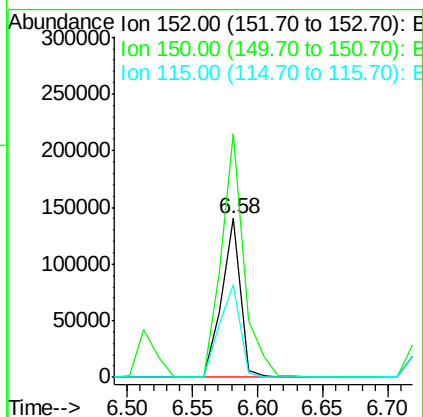
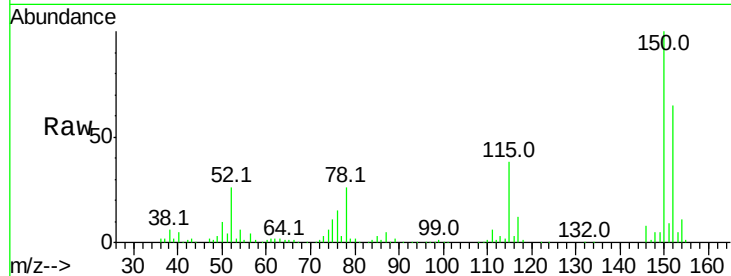
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	140505		
150	153.1	125.8	188.6	
115	58.4	51.5	77.3	

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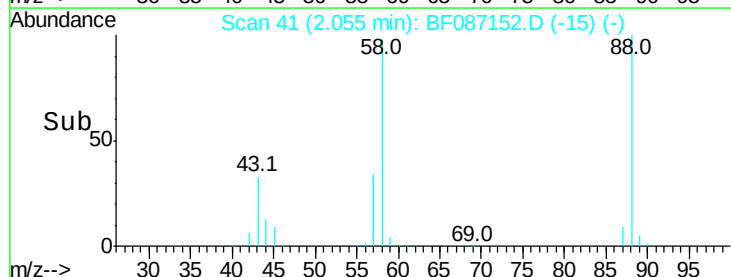
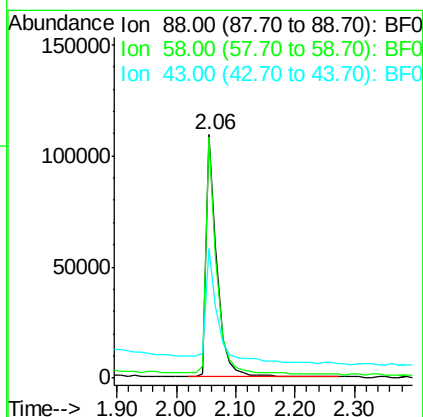
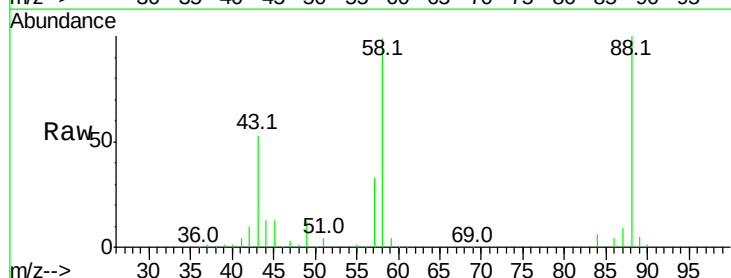
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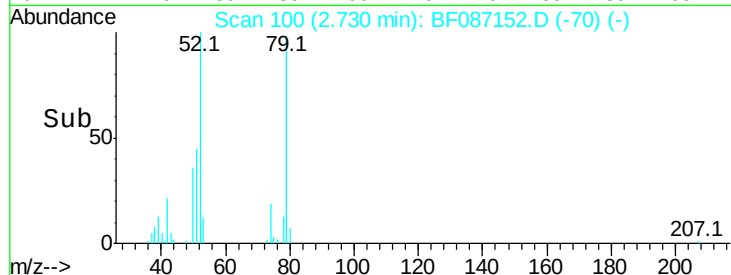
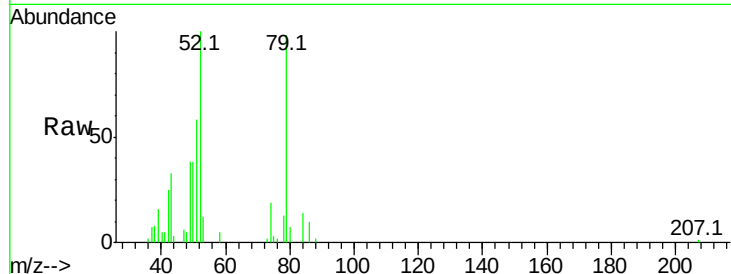
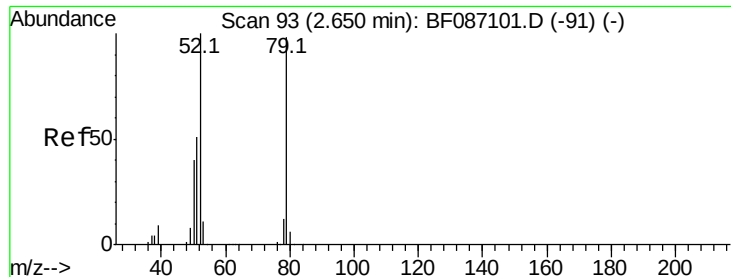


#2

1,4-Dioxane
Concen: 32.46 ng
RT: 2.06 min Scan# 41
Delta R.T. -0.00 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	139602		
58	97.9	59.6	89.4#	
43	52.2	21.8	32.6#	





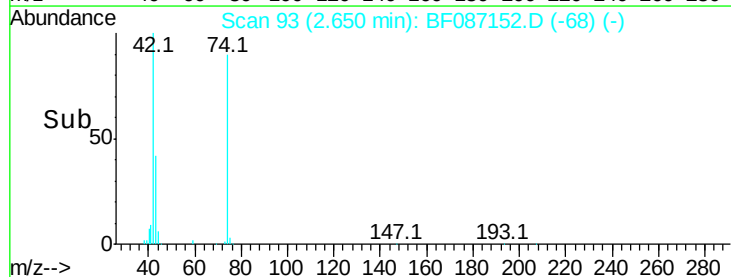
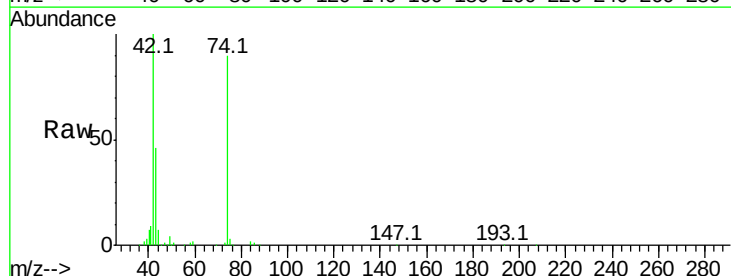
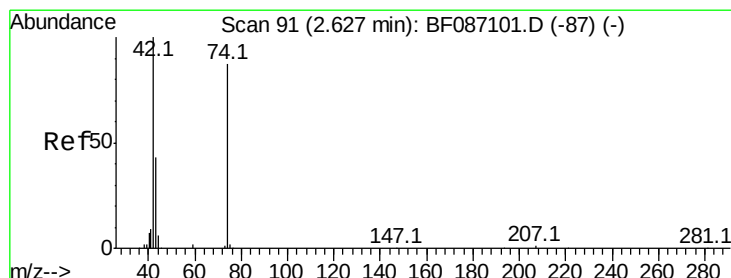
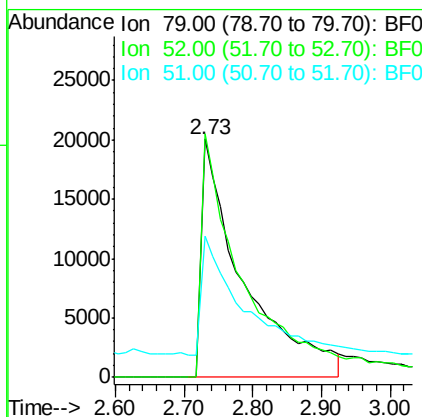
#3
 Pvridine
 Concen: 8.15 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.05 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	102.3	55.9	83.9#		
51	59.5	28.1	42.1#		

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

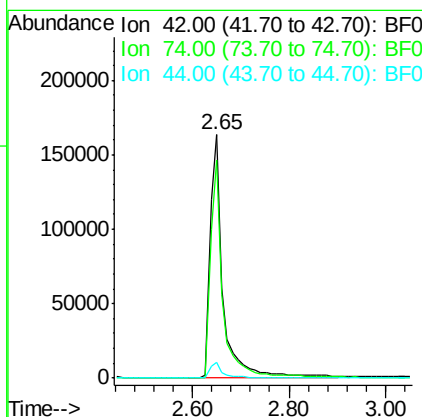
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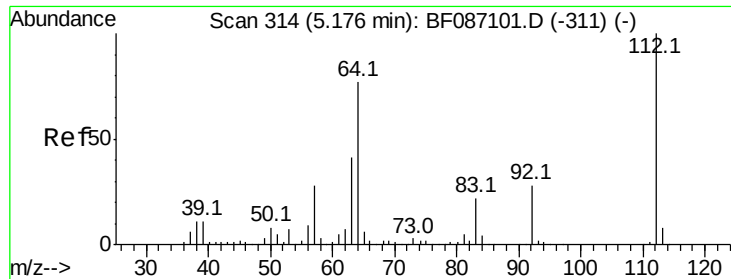
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#4
 n-Nitrosodimethylamine
 Concen: 41.33 ng
 RT: 2.65 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	89.5	123.4	185.0#		
44	6.5	5.8	8.6		





#5

2-Fluorophenol

Concen: 125.36 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

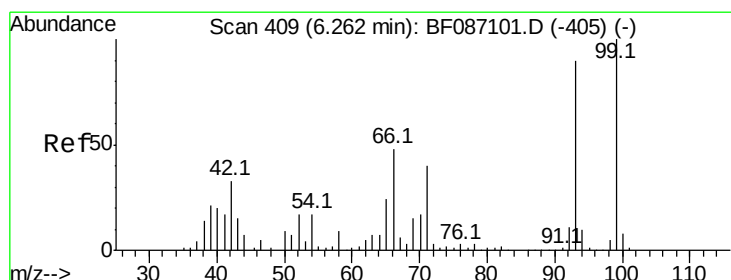
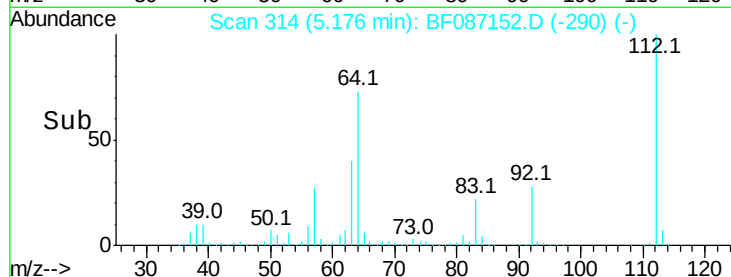
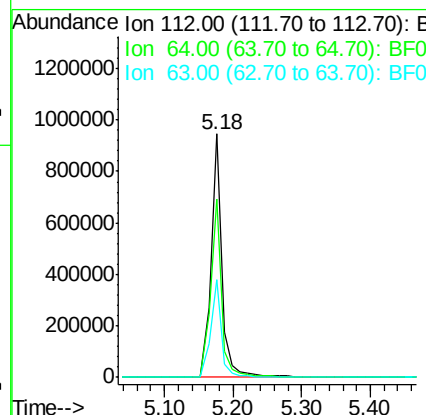
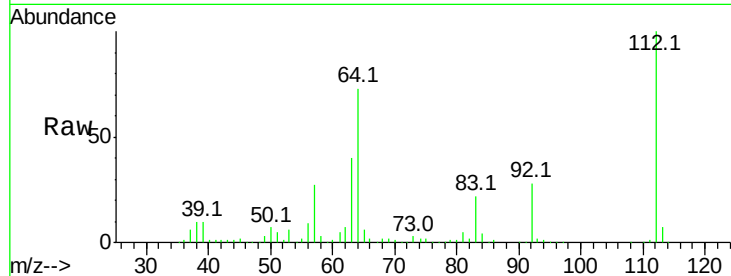
BERKSHIRE-HOMESMSD

Tot Ion:112 Resp: 1047910

Ion	Ratio	Lower	Upper
112	100		
64	73.5	52.1	78.1
63	40.0	25.7	38.5#

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#6

Aniline

Concen: 23.35 ng

RT: 6.25 min Scan# 408

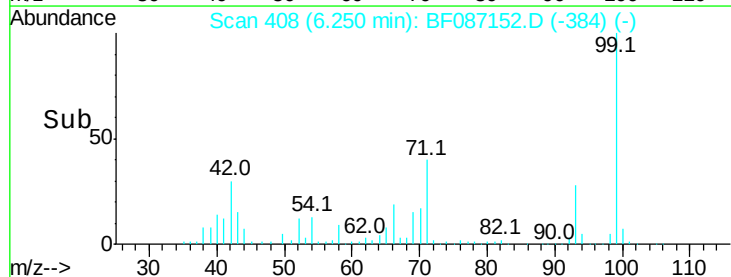
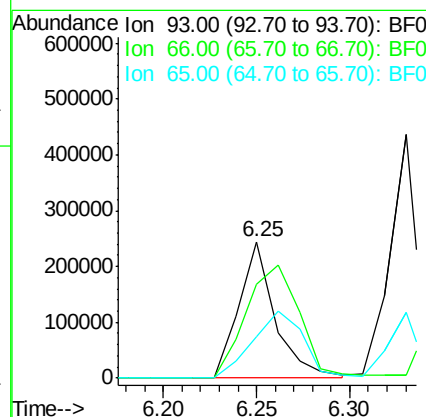
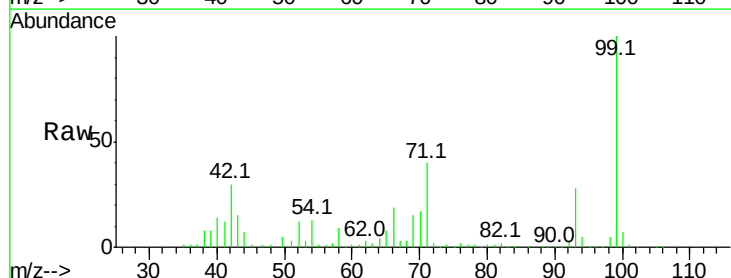
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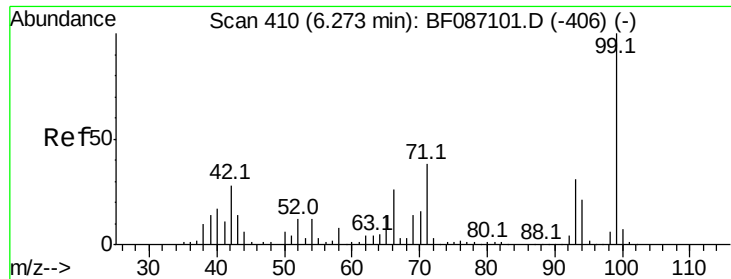
Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion: 93 Resp: 332499

Ion	Ratio	Lower	Upper
93	100		
66	68.8	39.0	58.6#
65	30.0	20.6	31.0





#7

Phenol-d6

Concen: 124.24 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion: 99 Resp: 1392909

Ion Ratio Lower Upper

99 100

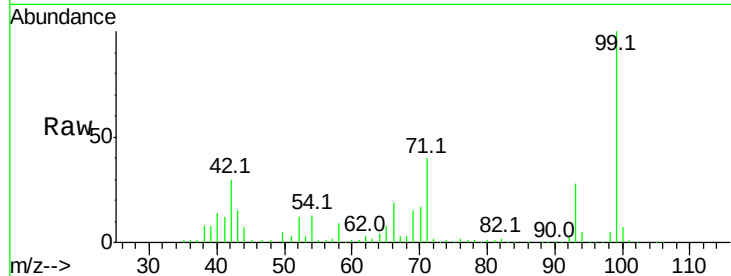
42 30.3 13.6 20.4#

71 39.7 24.6 36.8#

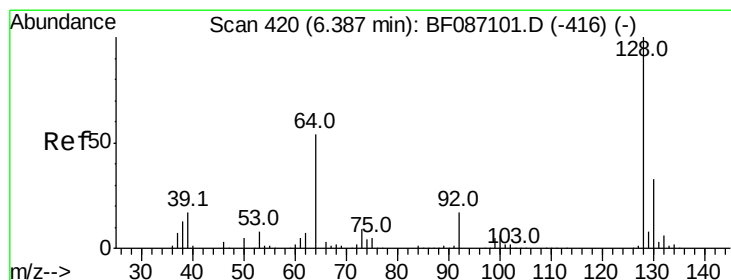
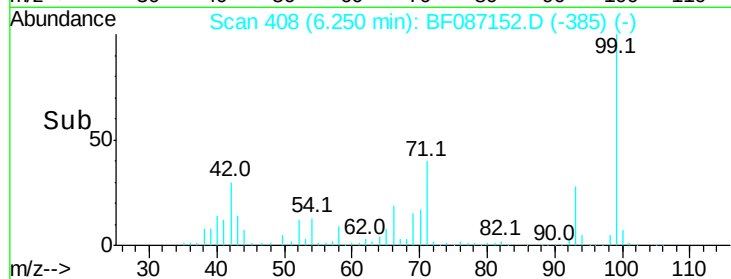
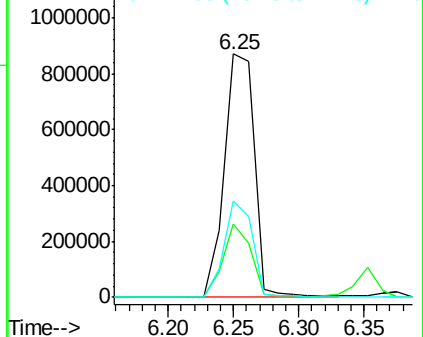
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.93 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

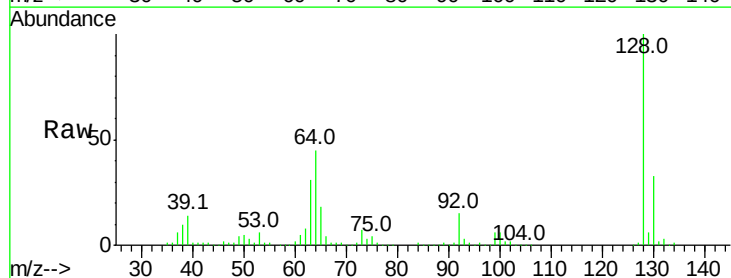
Tgt Ion:128 Resp: 416295

Ion Ratio Lower Upper

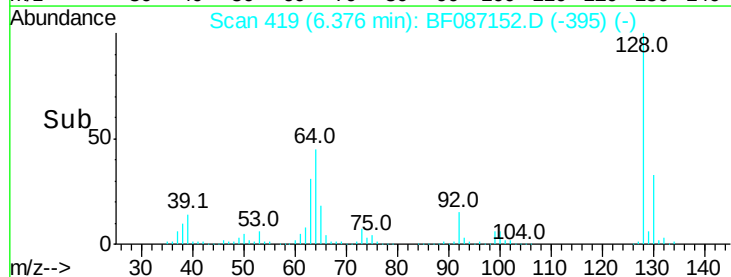
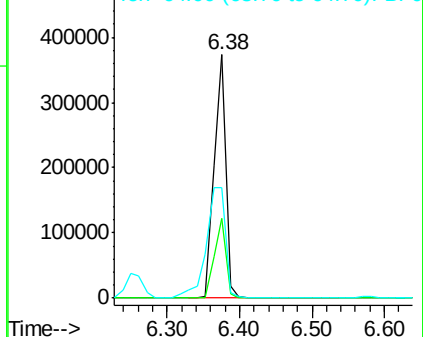
128 100

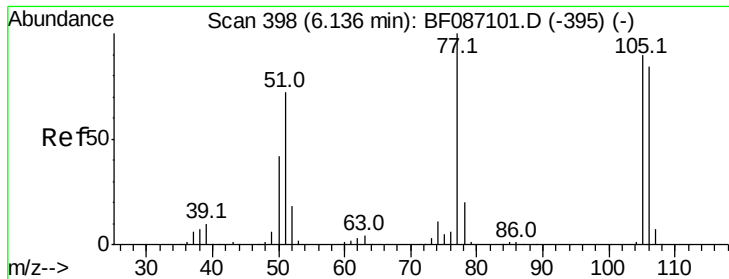
130 32.9 12.5 52.5

64 45.4 27.3 67.3



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





#9

Benzaldehyde

Concen: 18.55 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

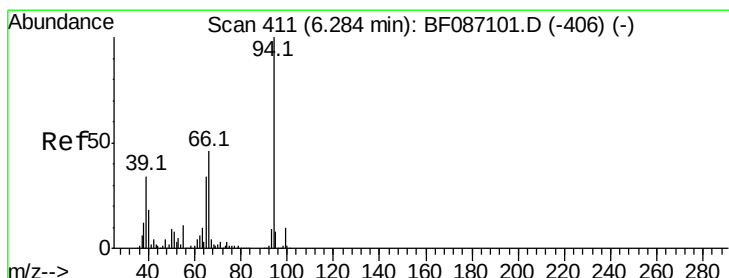
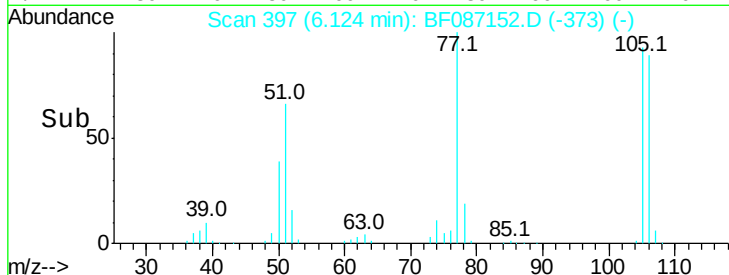
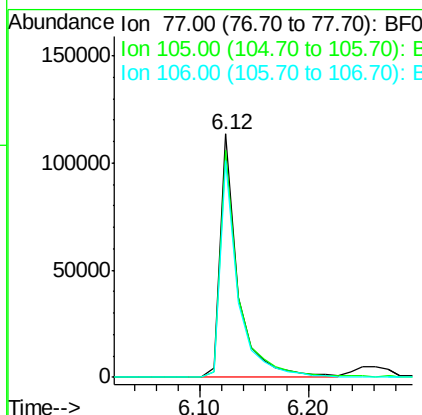
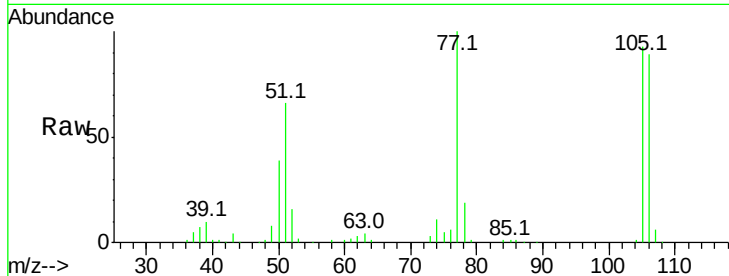
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion:	77	Resp:	130584
Ion	Ratio	Lower	Upper
77	100		
105	93.3	72.7	112.7
106	89.2	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 32.22 ng

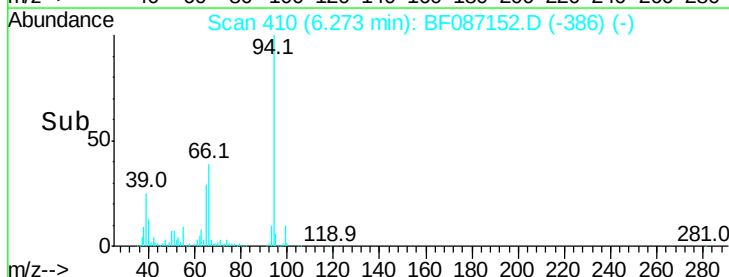
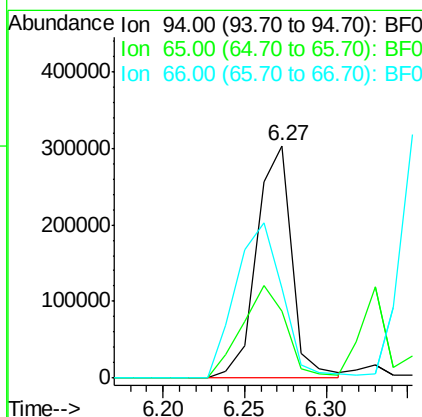
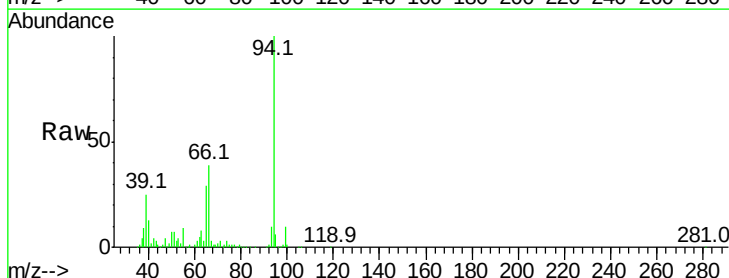
RT: 6.27 min Scan# 410

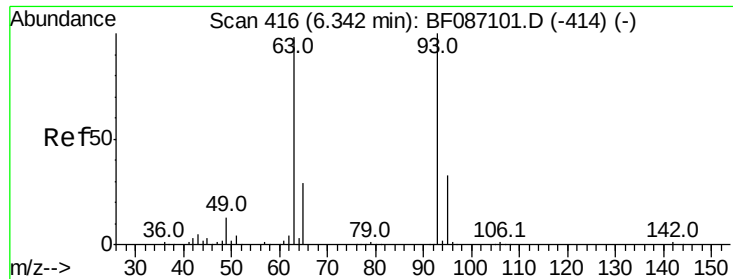
Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	94	Resp:	454124
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.2	47.2
66	38.9	14.9	54.9





#11

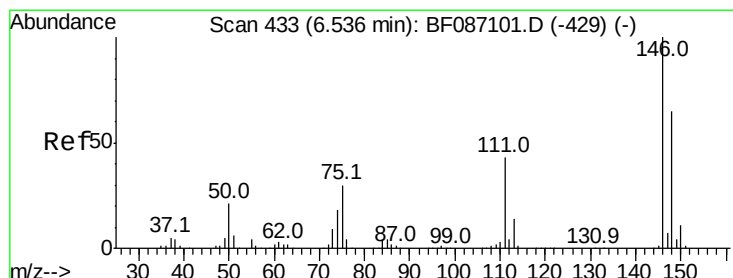
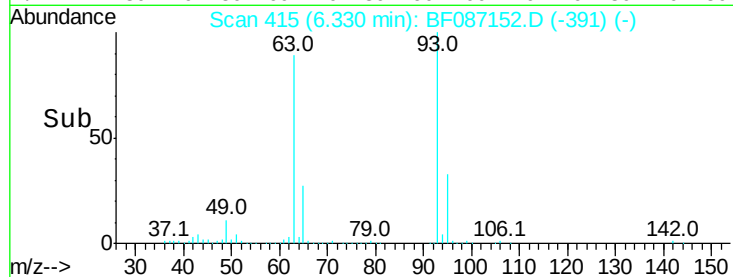
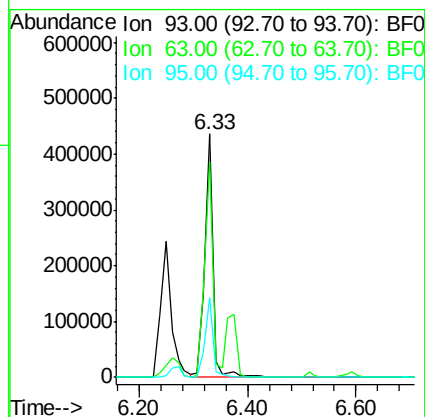
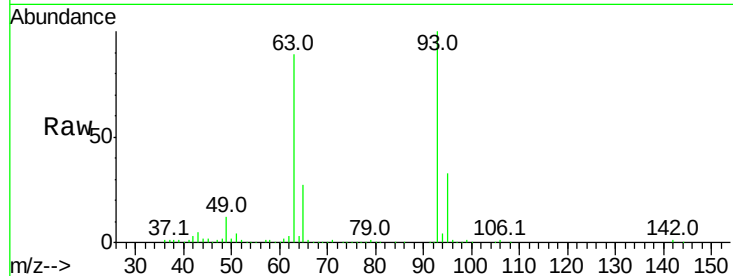
bis(2-Chloroethyl)ether
Concen: 42.69 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion:	93	Resp:	451751
Ion Ratio	Lower	Upper	
93	100		
63	88.7	58.0	98.0
95	33.0	11.9	51.9

Manual Integrations
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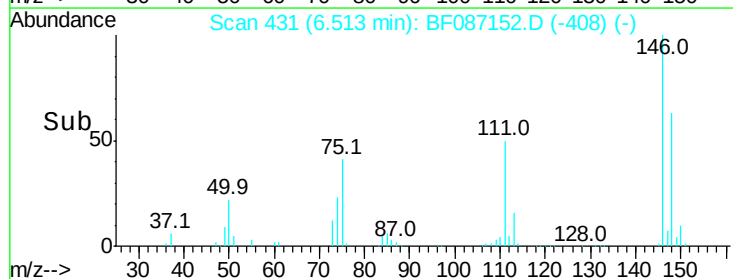
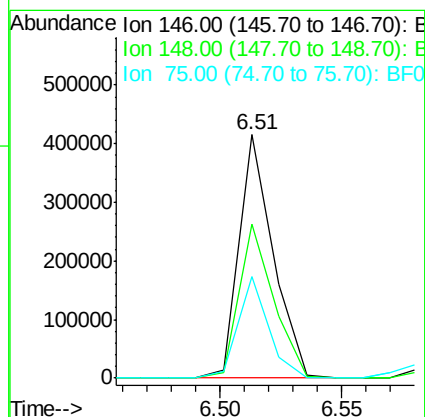
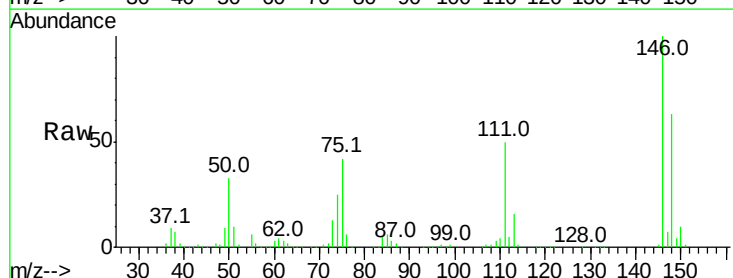
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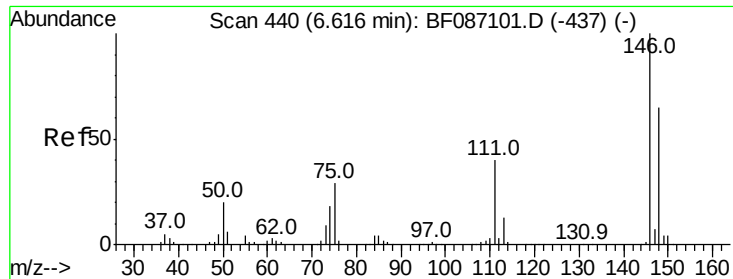


#12

1,3-Dichlorobenzene
Concen: 37.83 ng m
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:	146	Resp:	409015
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.4	78.6
75	41.9	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 38.37 ng m

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

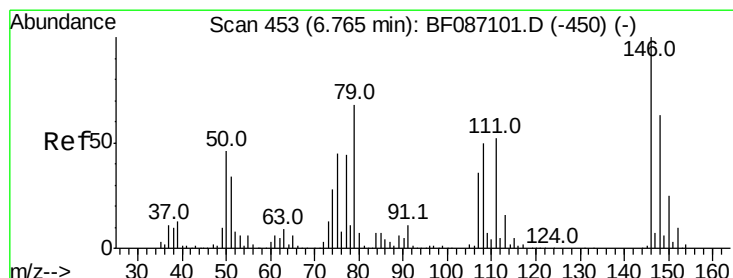
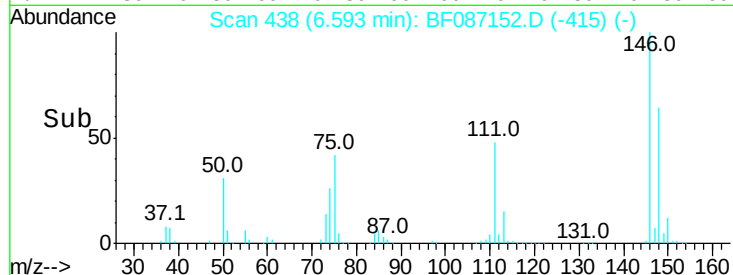
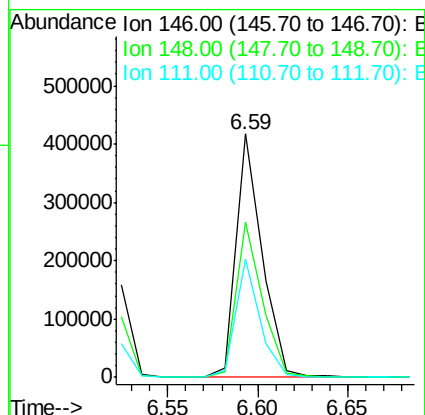
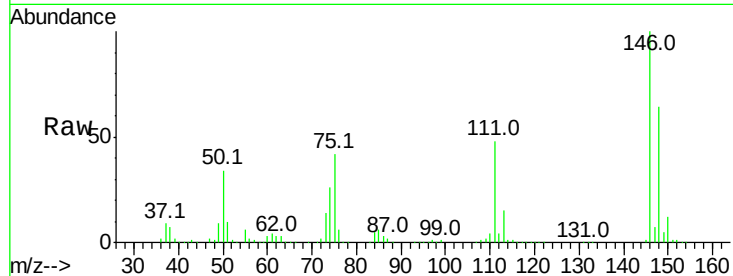
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion:	146	Resp:	424400
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
111	48.3	30.7	46.1#

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#14

1,2-Dichlorobenzene

Concen: 38.81 ng

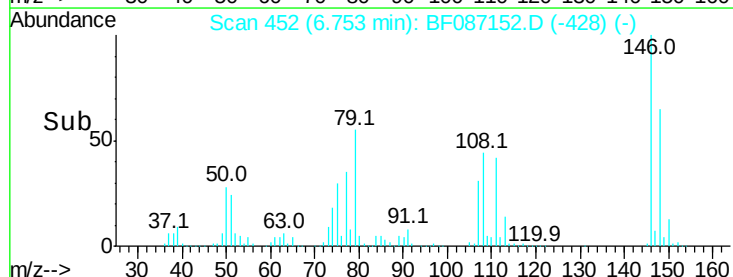
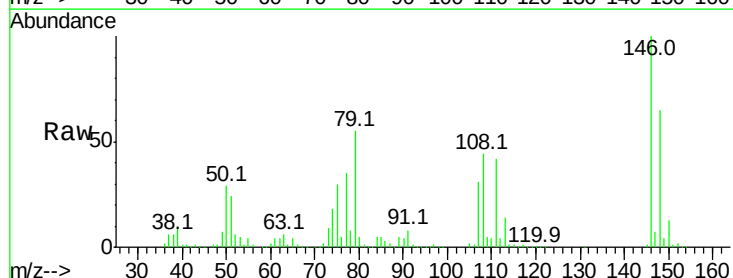
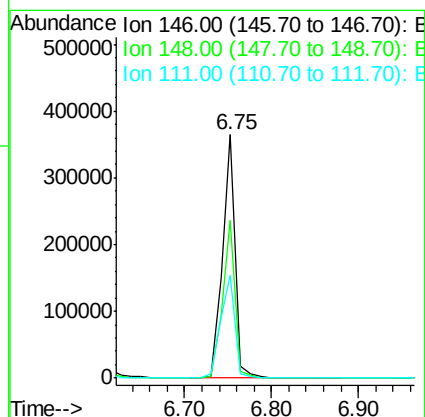
RT: 6.75 min Scan# 452

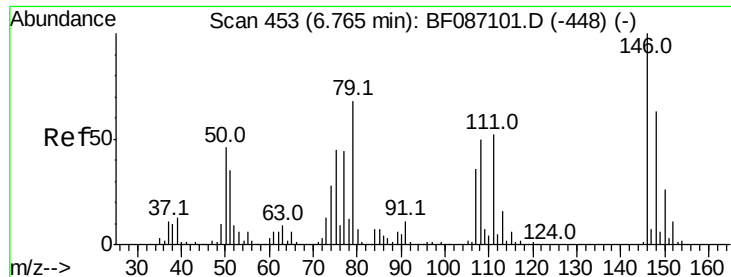
Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

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





#15

Benzyl Alcohol

Concen: 45.48 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion: 79 Resp: 379589

Ion Ratio Lower Upper

79 100

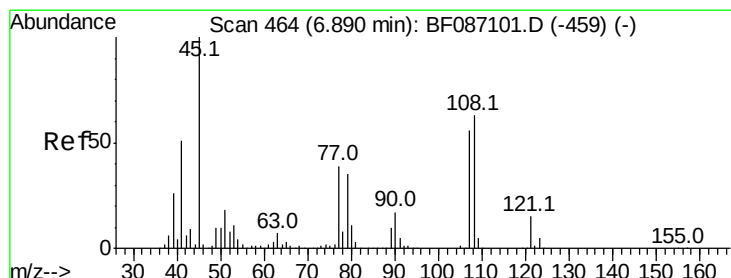
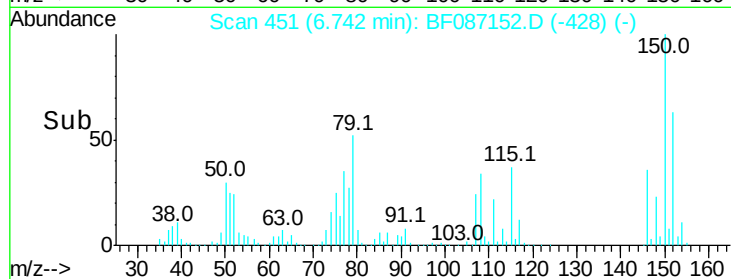
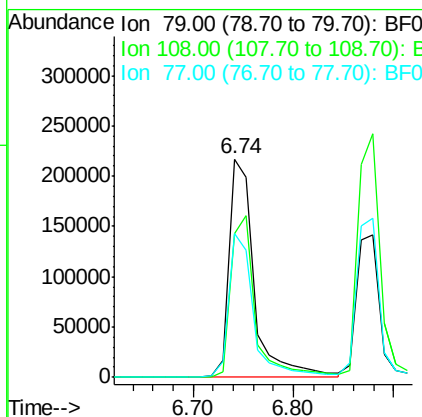
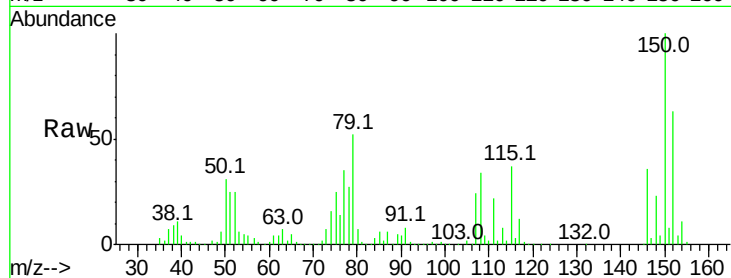
108 65.8 68.4 102.6#

77 66.2 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.82 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

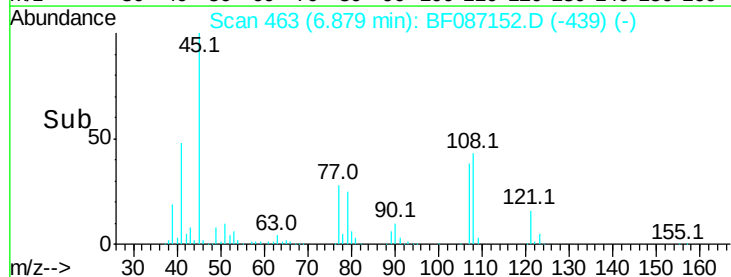
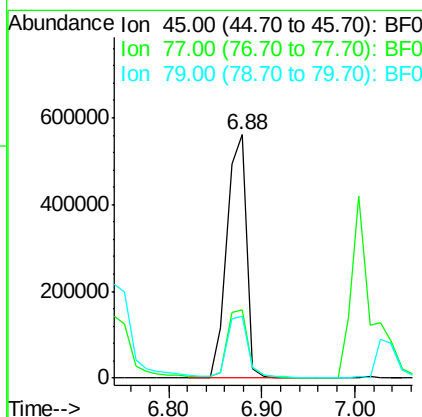
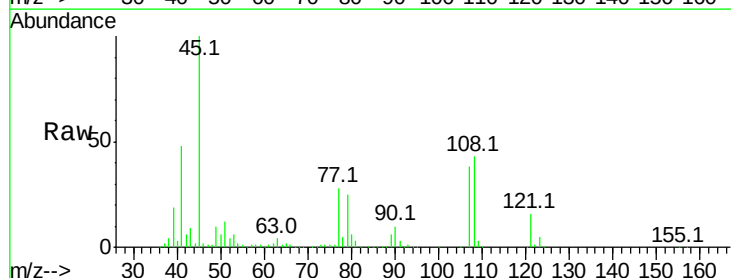
Tgt Ion: 45 Resp: 822814

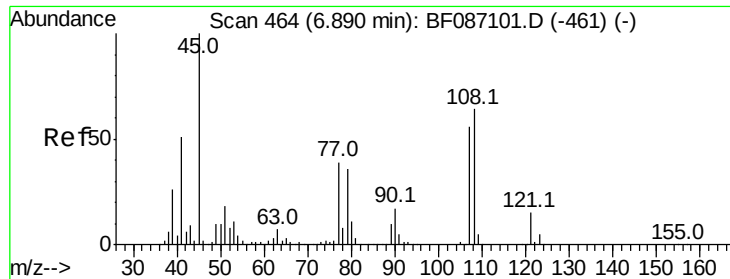
Ion Ratio Lower Upper

45 100

77 28.2 0.0 36.4

79 25.3 0.0 33.4





#17

2-Methylphenol

Concen: 38.86 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087152.D

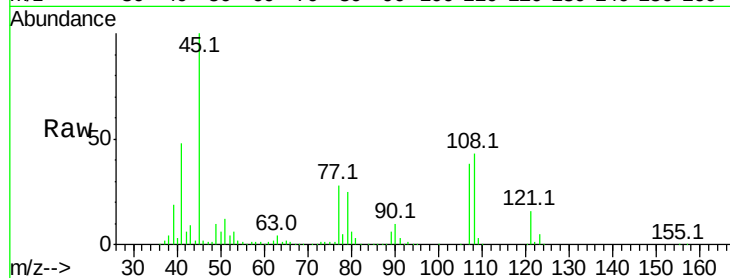
Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

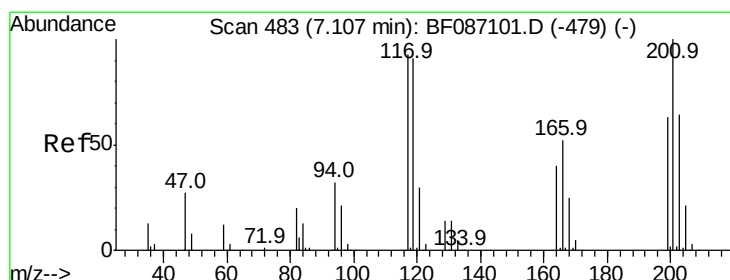
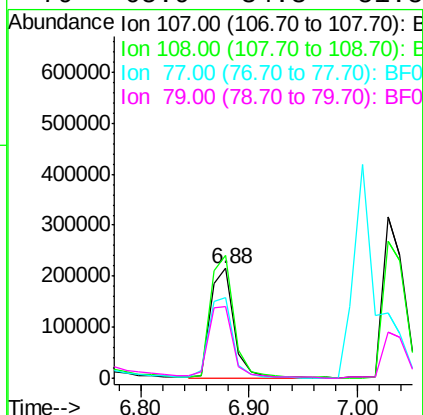
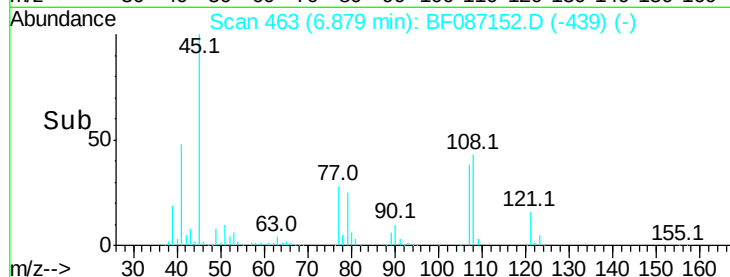
BERKSHIRE-HOMESMSD



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

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#18

Hexachloroethane

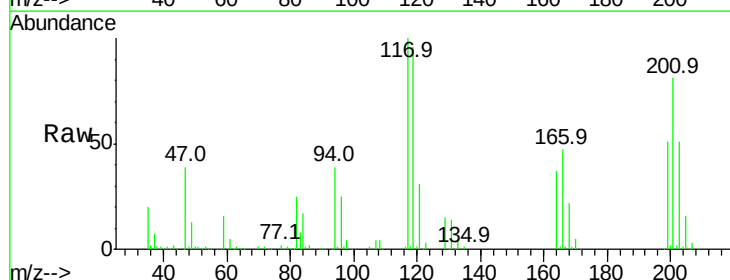
Concen: 38.98 ng

RT: 7.08 min Scan# 481

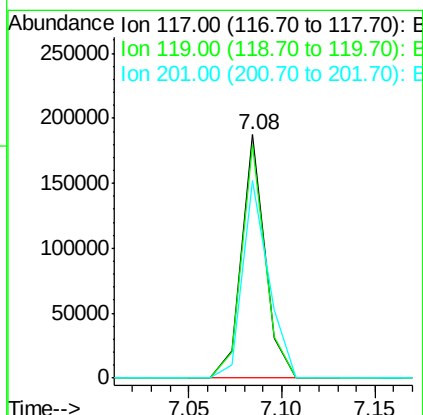
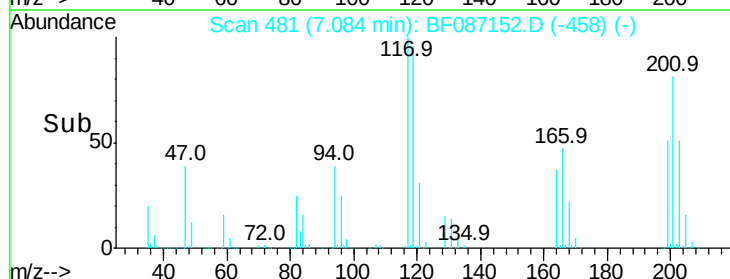
Delta R.T. -0.03 min

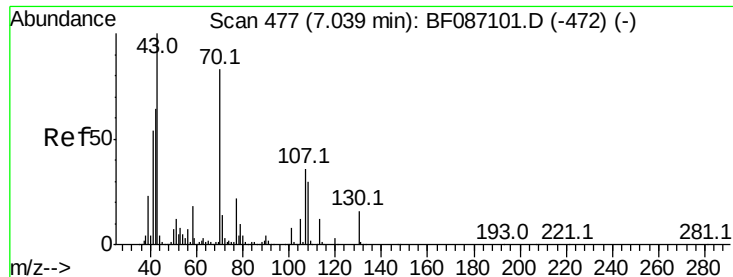
Lab File: BF087152.D

Acq: 18 May 2016 19:18



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.88 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

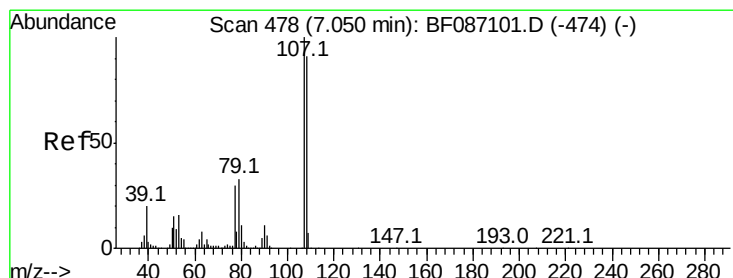
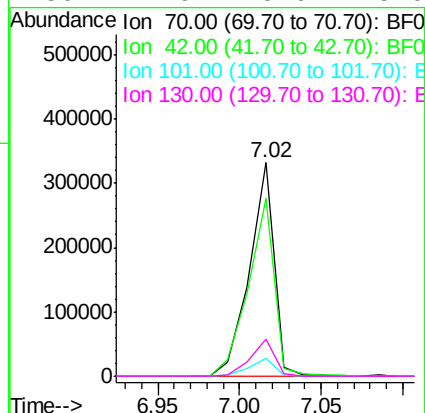
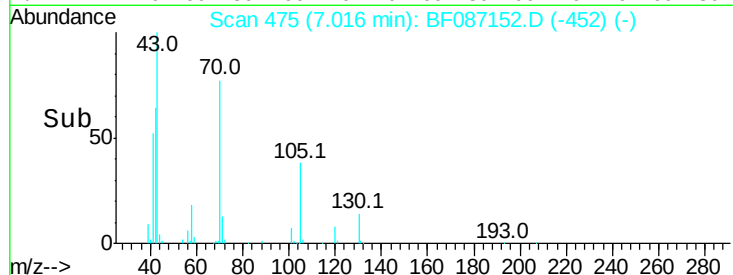
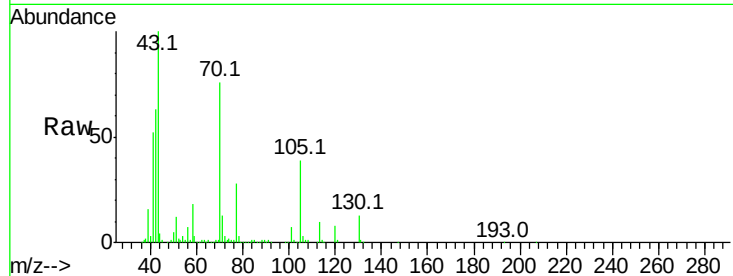
ClientSampleId :

BERKSHIRE-HOMESMSD

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

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#20

3+4-Methylphenols

Concen: 41.16 ng

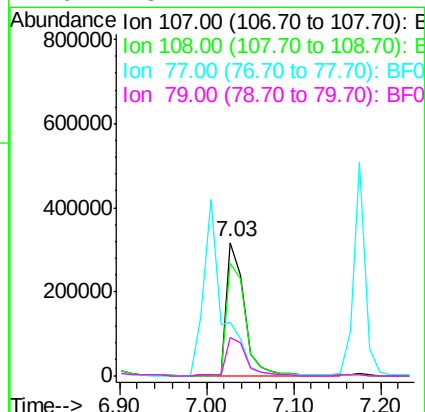
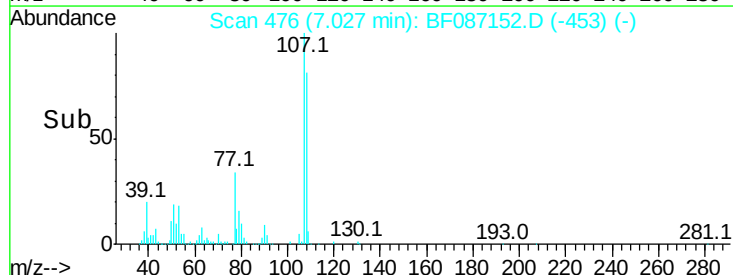
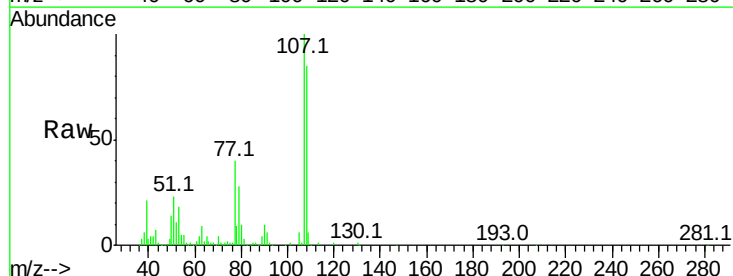
RT: 7.03 min Scan# 476

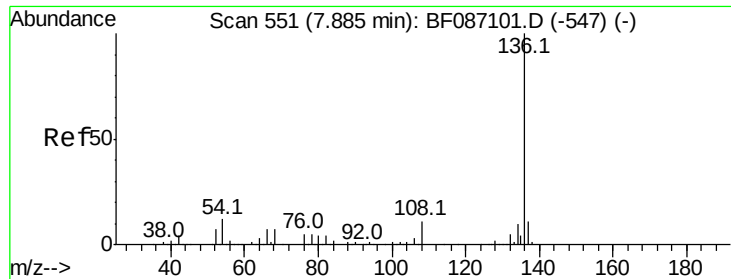
Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

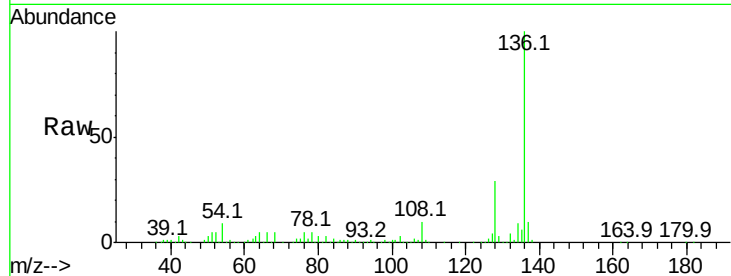
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	577417		
137	10.5	8.8	13.2	
54	8.5	5.0	7.4	
68	4.7	4.4	6.6	

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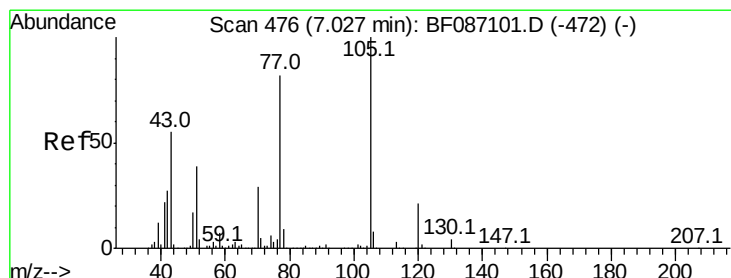
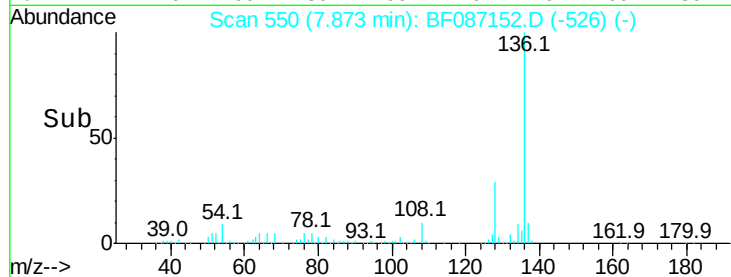
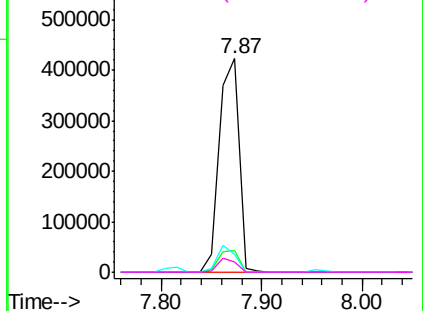
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.88 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	591786		
71	4.5	4.8	7.2	
51	41.1	32.6	49.0	
120	20.9	16.5	24.7	

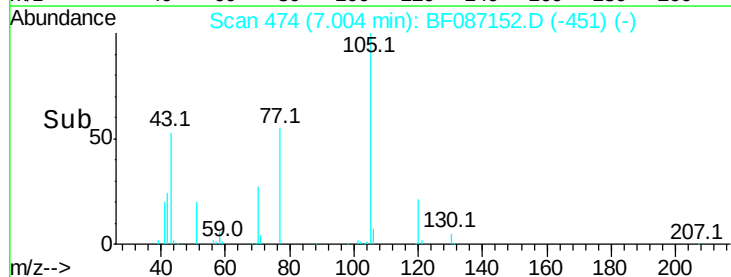
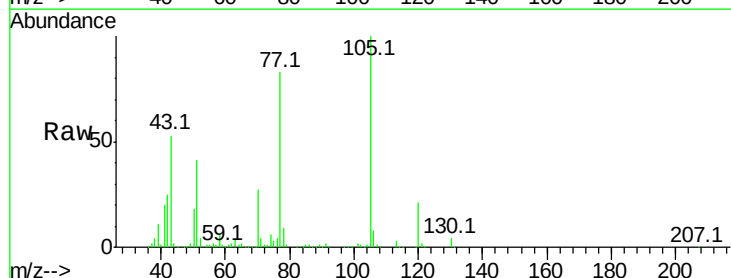
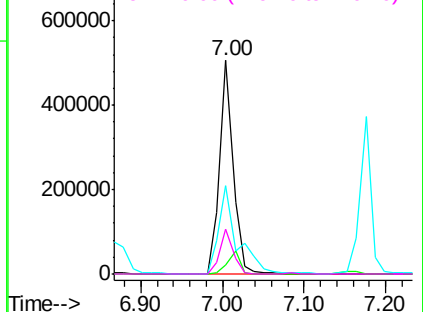
Abundance

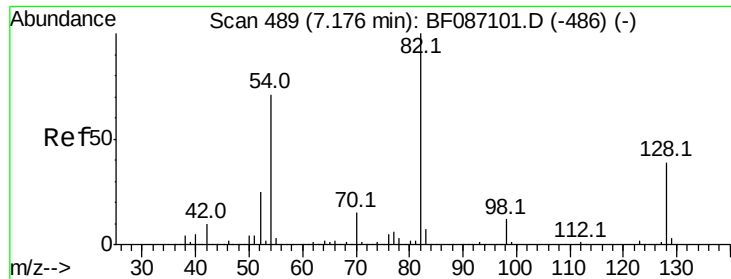
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





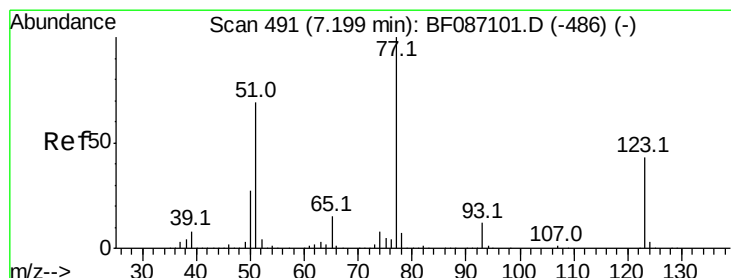
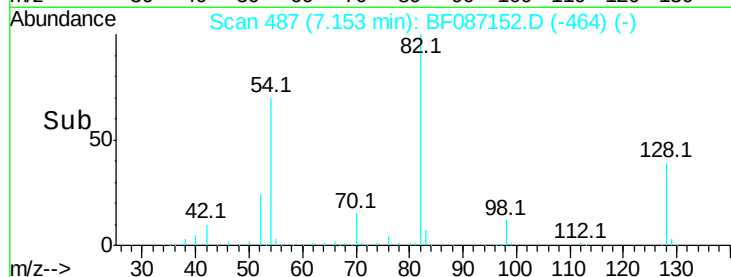
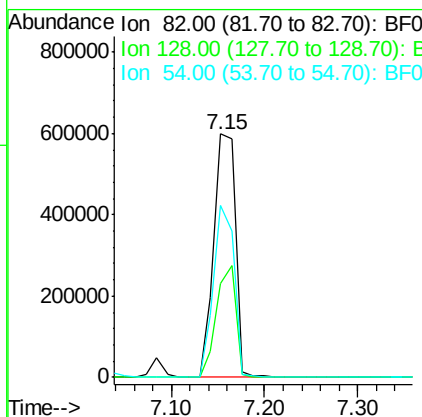
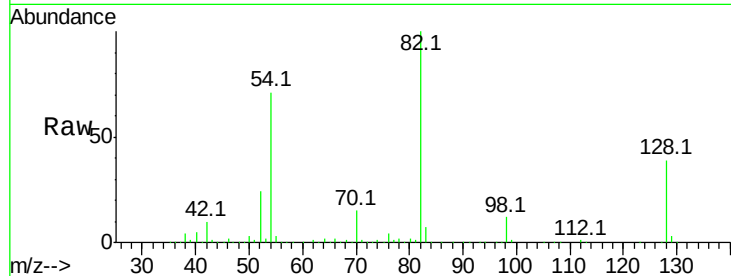
#23
 Nitrobenzene-d5
 Concen: 83.75 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

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

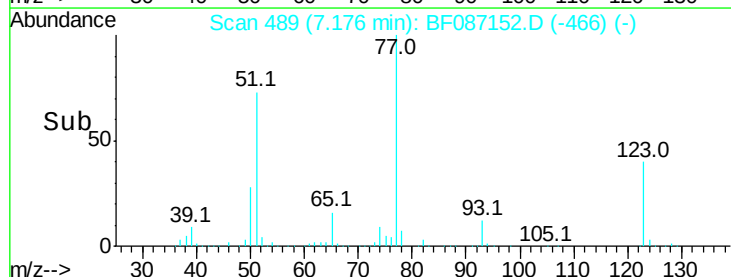
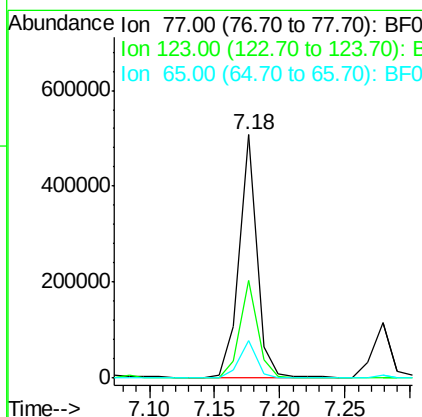
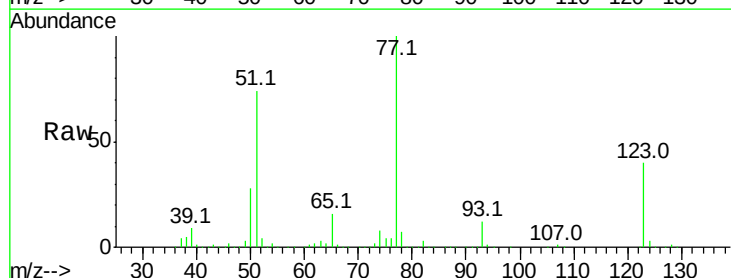
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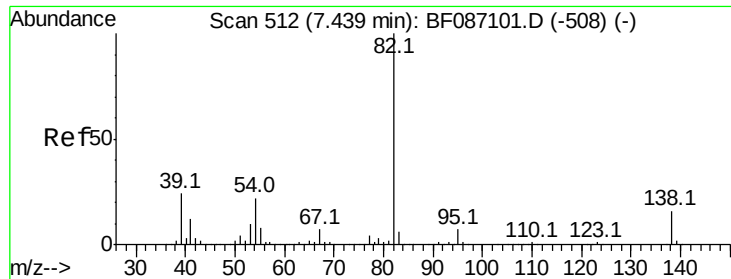
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#24
 Nitrobenzene
 Concen: 37.57 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





#25

Isophorone

Concen: 40.06 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

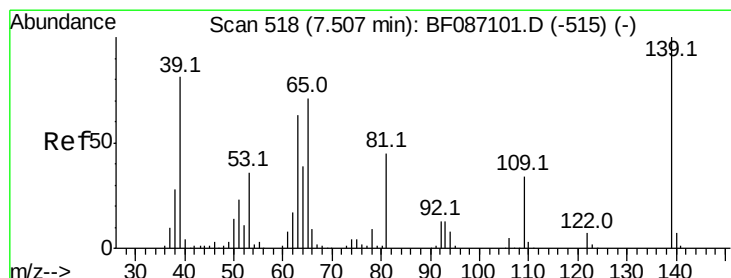
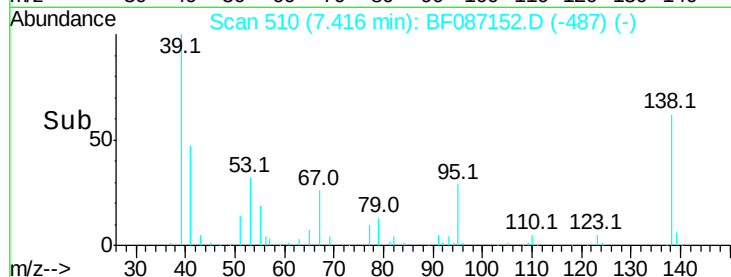
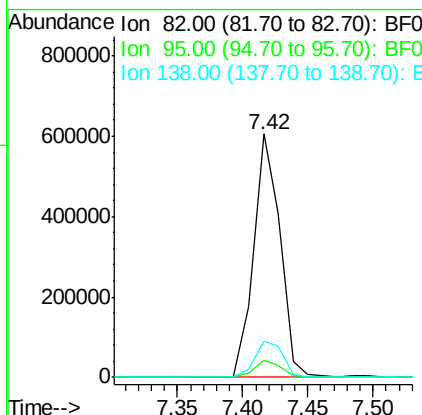
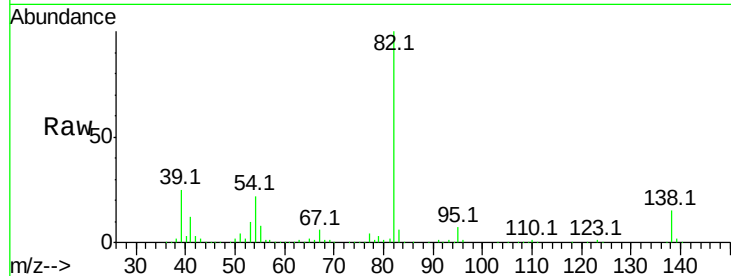
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion:	82	Resp:	849691
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	15.1	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.91 ng

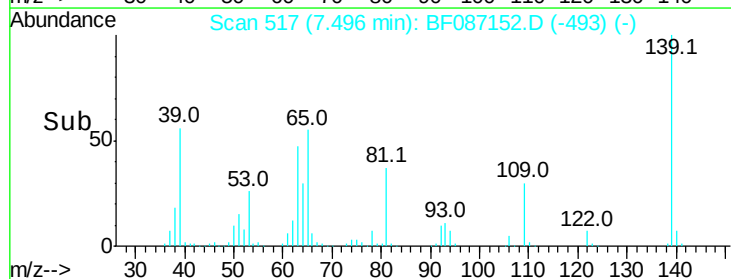
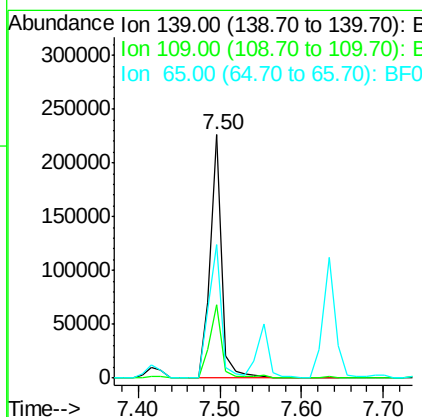
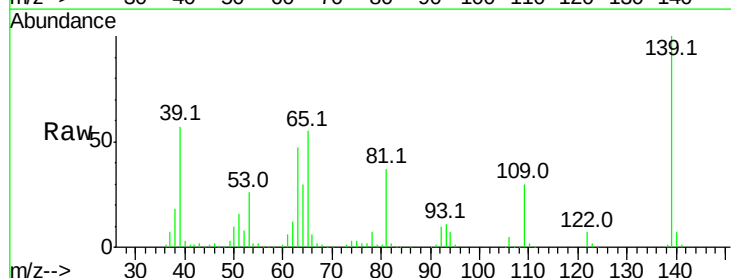
RT: 7.50 min Scan# 517

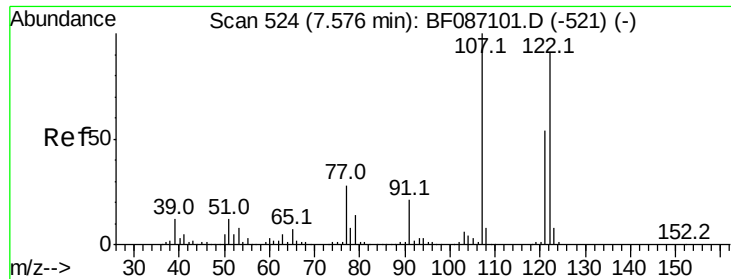
Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	139	Resp:	230125
Ion Ratio	Lower	Upper	
139	100		
109	30.0	19.5	29.3#
65	54.7	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 43.01 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

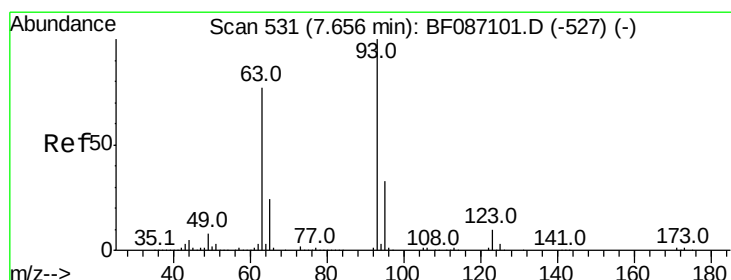
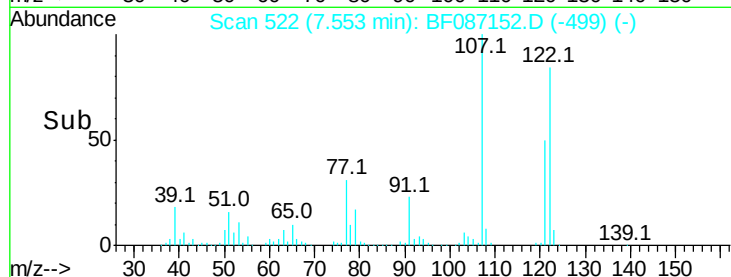
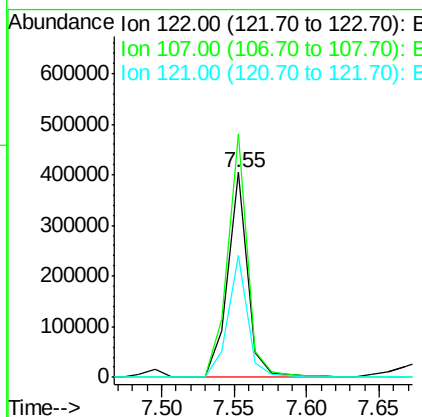
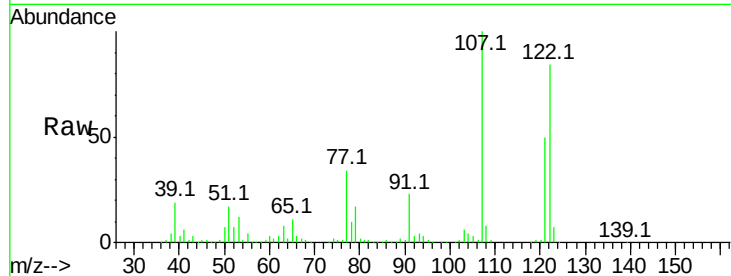
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion:	122	Resp:	384653
Ion Ratio	Lower	Upper	
122	100		
107	118.8	82.0	123.0
121	59.3	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 41.26 ng

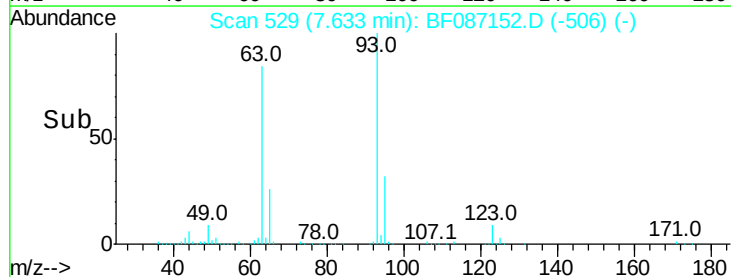
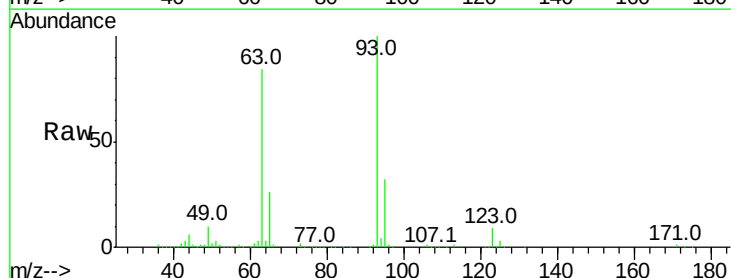
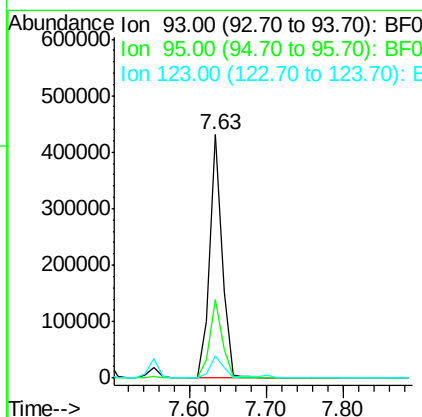
RT: 7.63 min Scan# 529

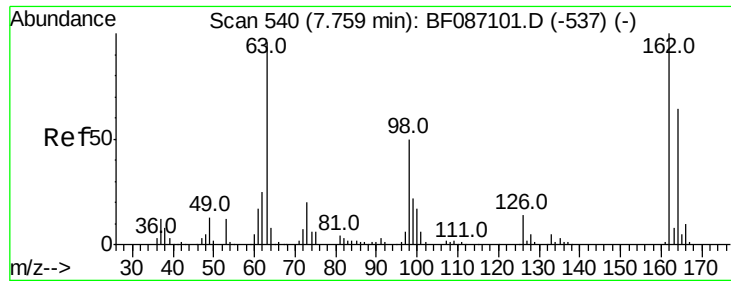
Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	93	Resp:	480425
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.0	39.0
123	9.2	9.5	14.3#





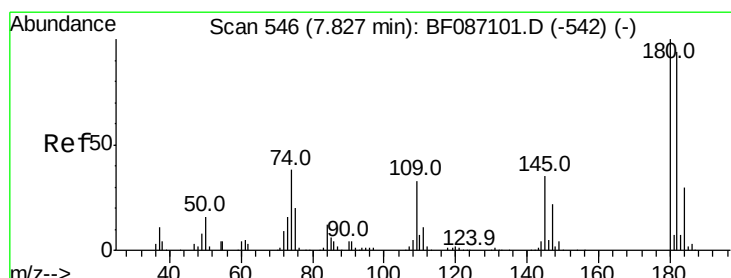
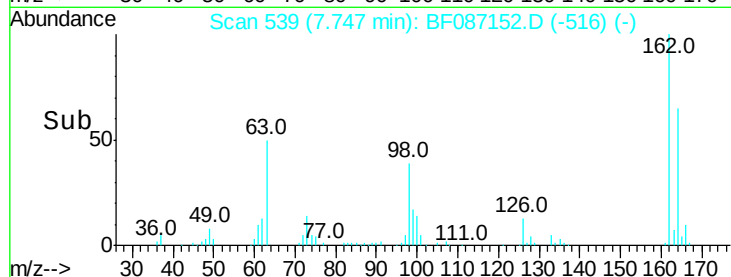
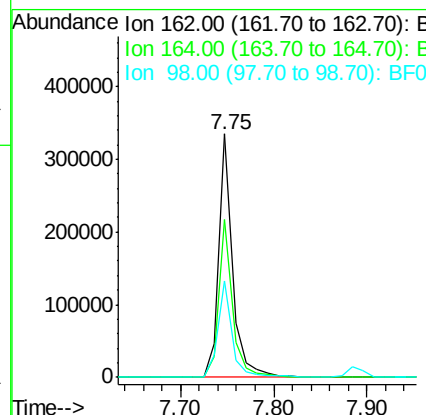
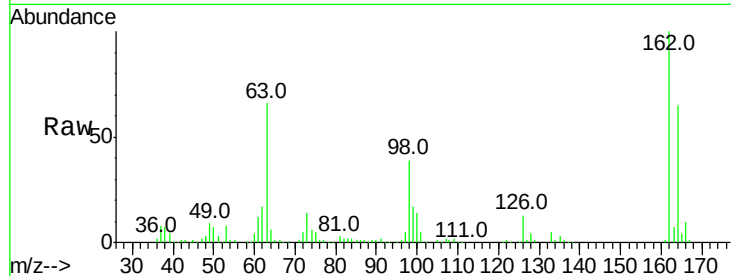
#29
 2,4-Dichlorophenol
 Concen: 43.50 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tot Ion:	162	Resp:	342789
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.2	82.2
98	39.4	19.0	59.0

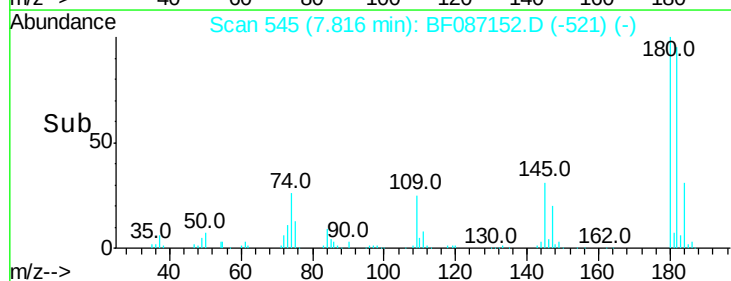
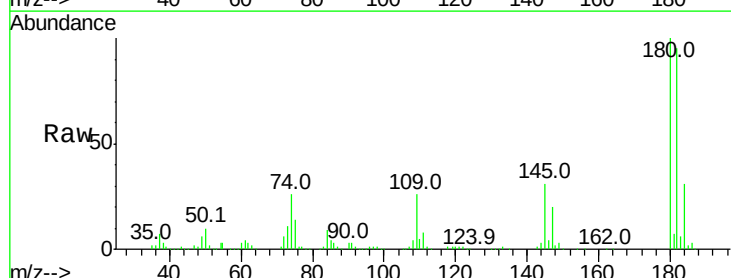
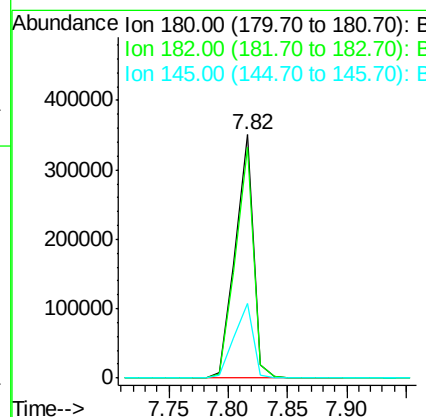
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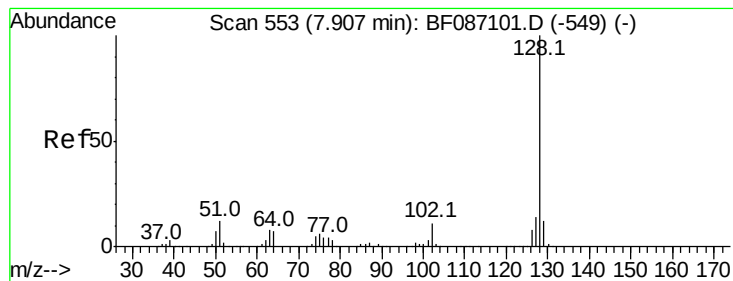
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.67 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:	180	Resp:	373152
Ion Ratio	Lower	Upper	
180	100		
182	94.5	78.0	117.0
145	30.6	24.2	36.2





#31

Naphthalene

Concen: 40.77 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

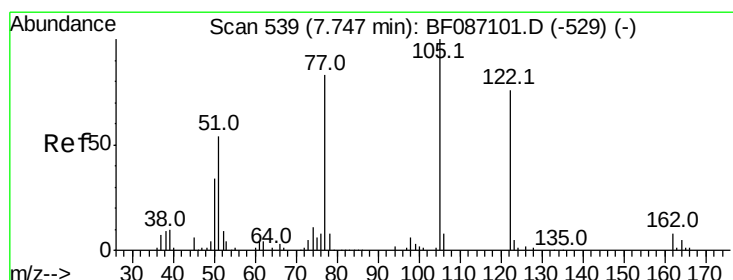
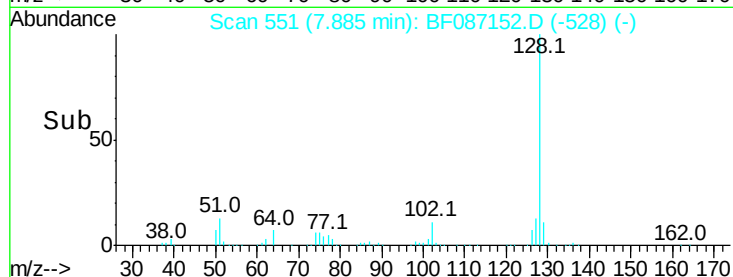
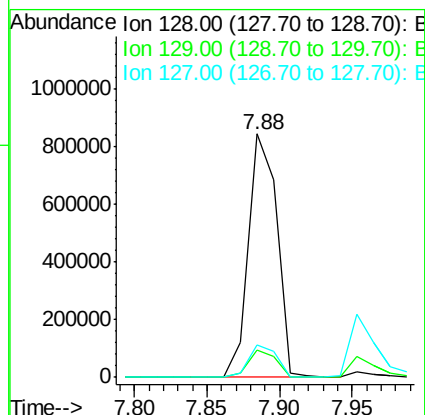
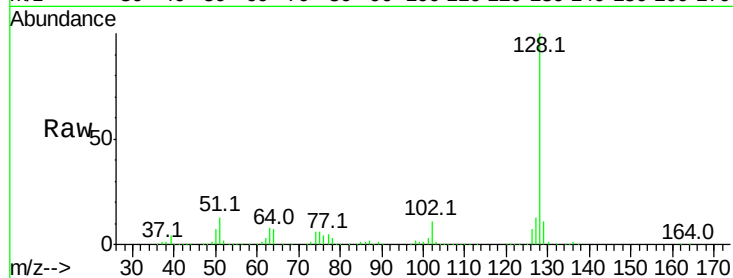
ClientSampleId :

BERKSHIRE-HOMESMSD

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

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#32

Benzoic acid

Concen: 22.86 ng

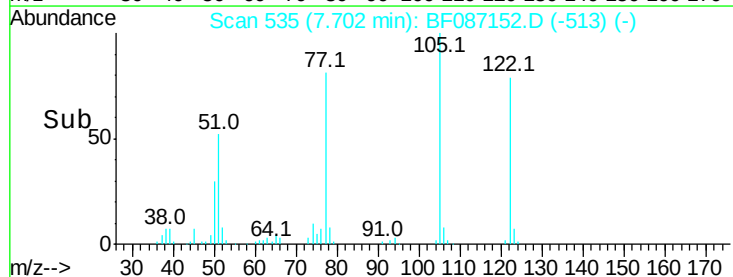
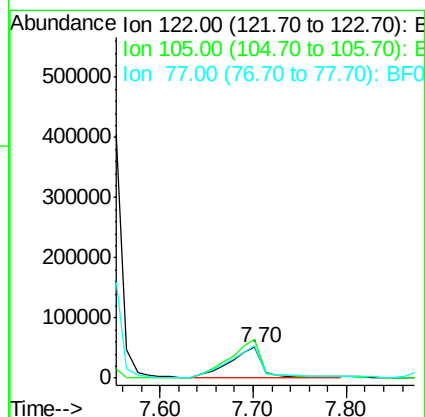
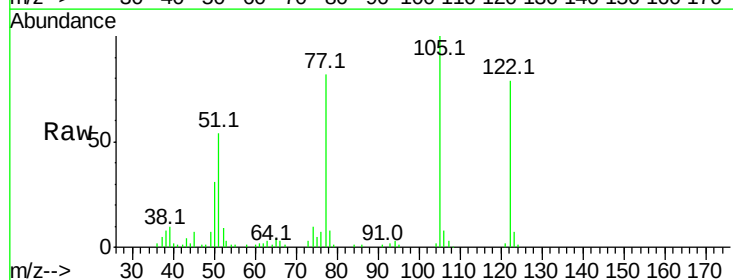
RT: 7.70 min Scan# 535

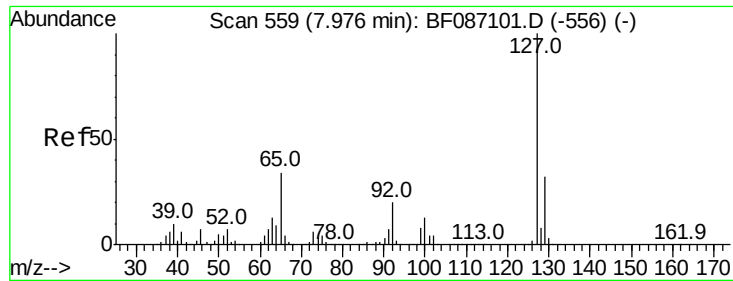
Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

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





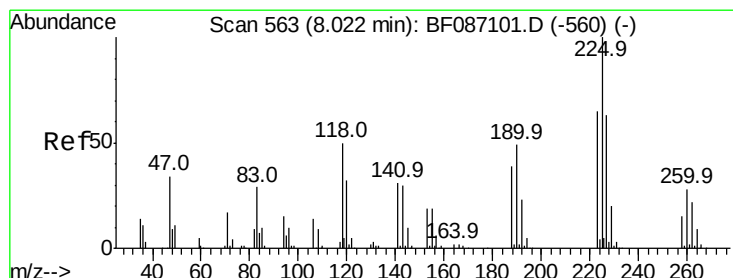
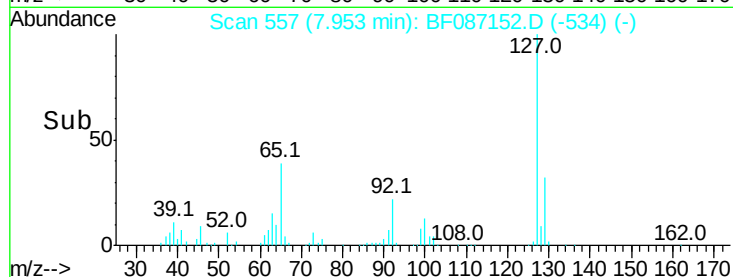
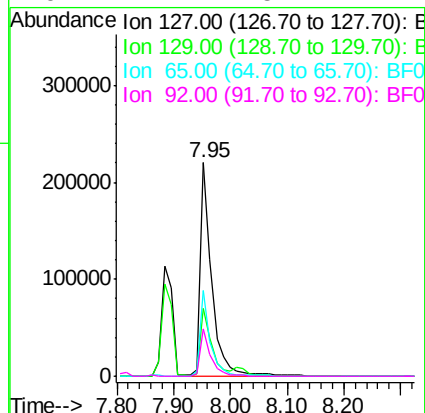
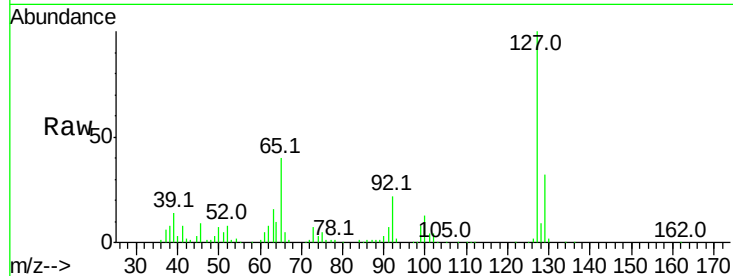
#33
 4-Chloroaniline
 Concen: 25.73 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

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

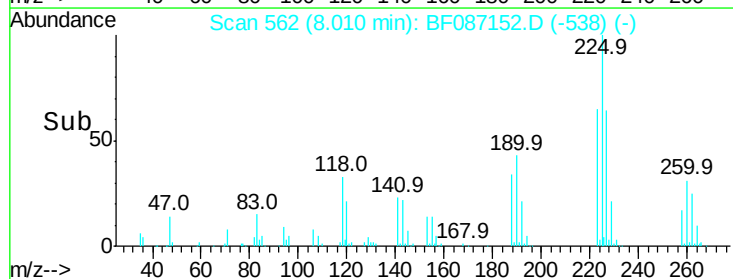
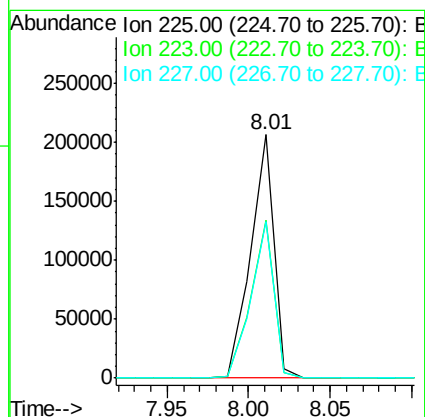
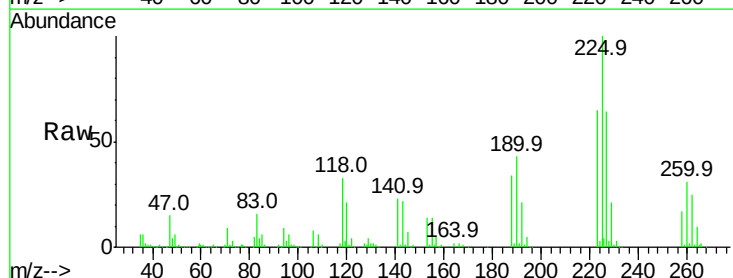
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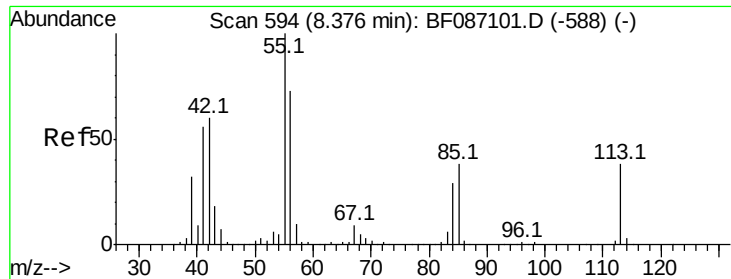
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#34
 Hexachlorobutadiene
 Concen: 41.19 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





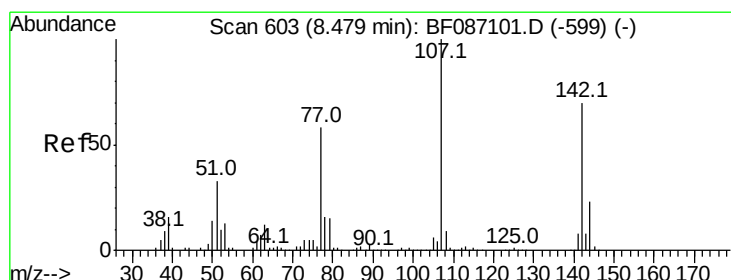
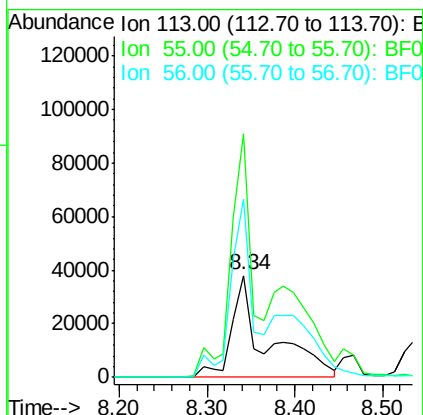
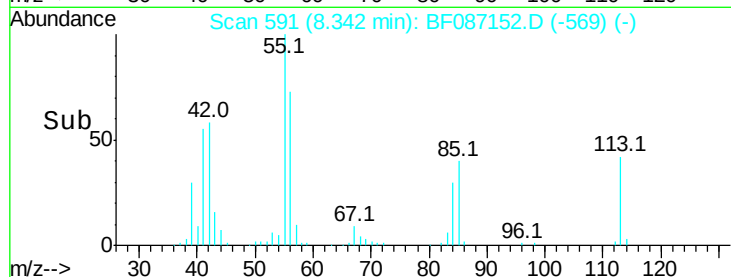
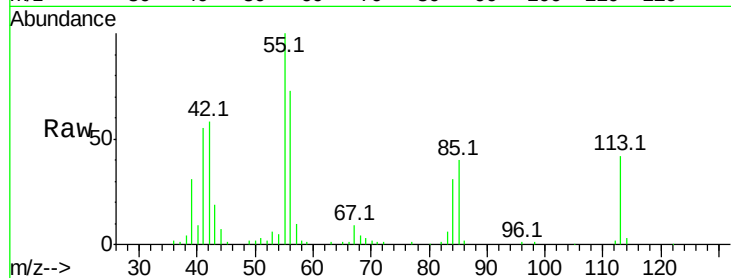
#35
 Caprolactam
 Concen: 40.13 ng/ml
 RT: 8.34 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.3	162.0	202.0#
56	174.9	115.3	155.3#

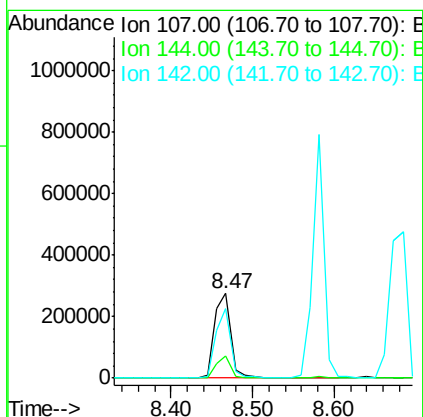
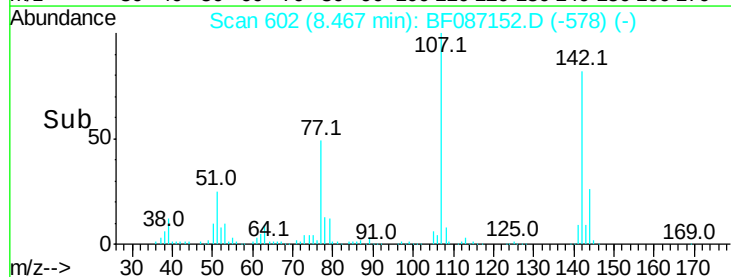
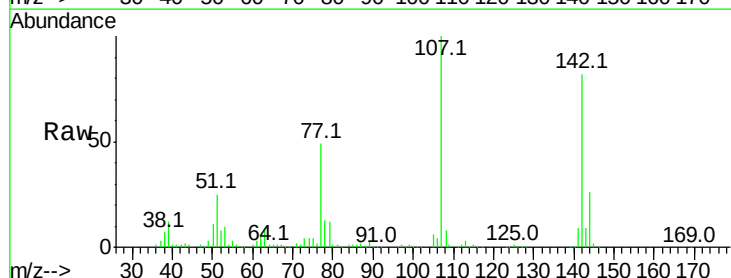
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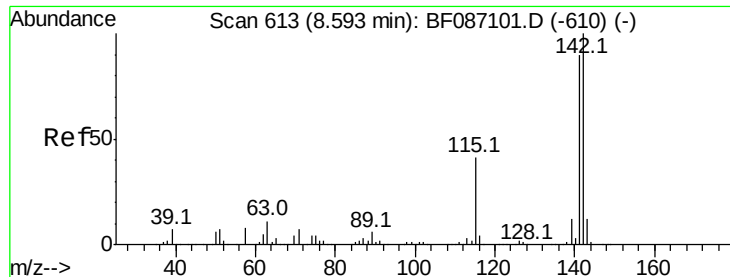
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#36
 4-Chloro-3-methylphenol
 Concen: 40.99 ng/ml
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.7	31.1
142	81.7	63.2	94.8





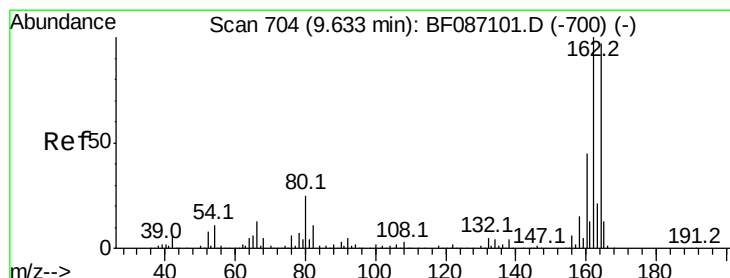
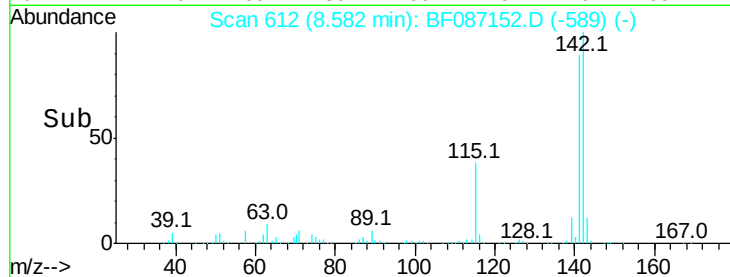
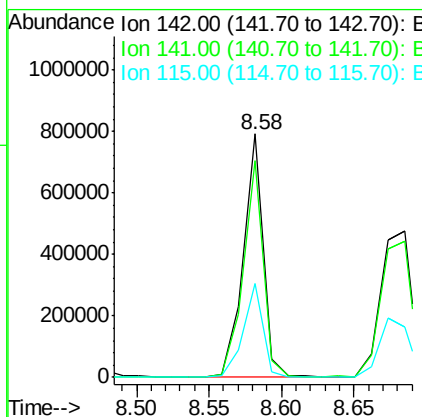
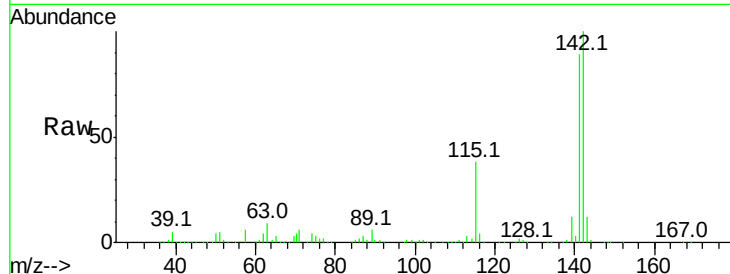
#37
2-Methylnaphthalene
Concen: 41.78 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	38.4	26.6	39.8

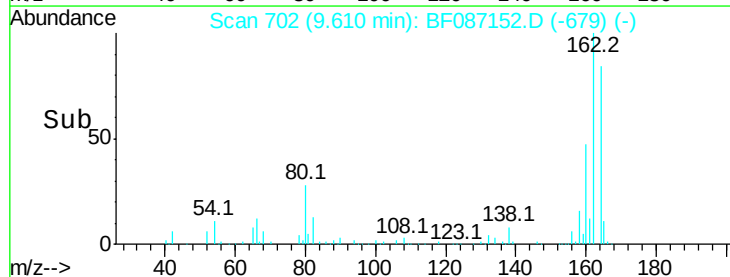
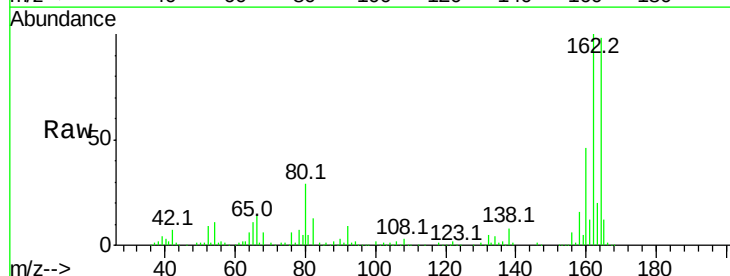
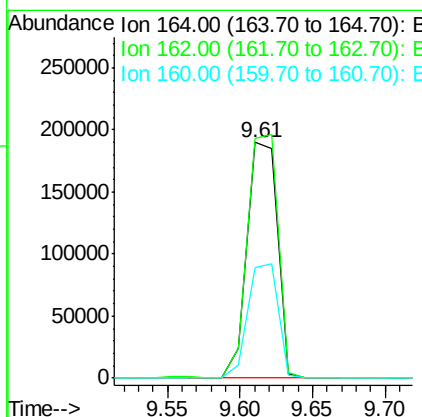
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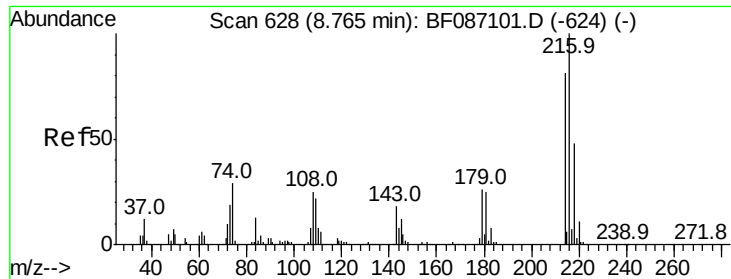
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

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





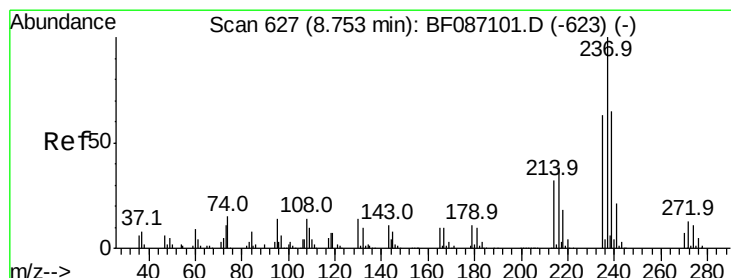
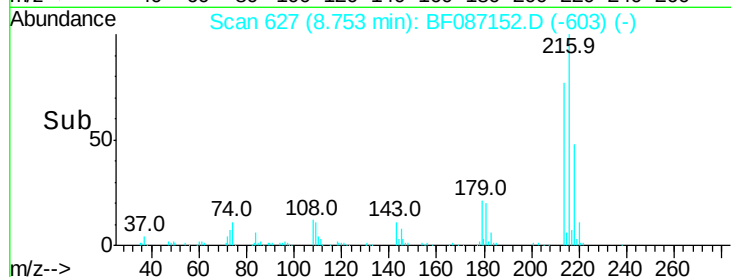
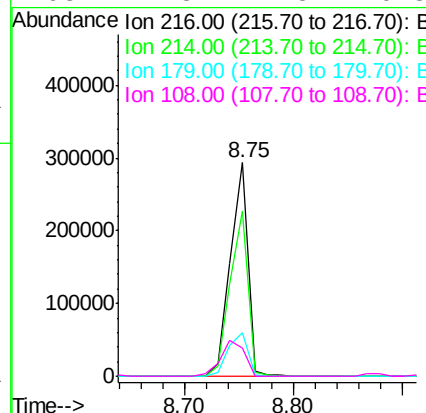
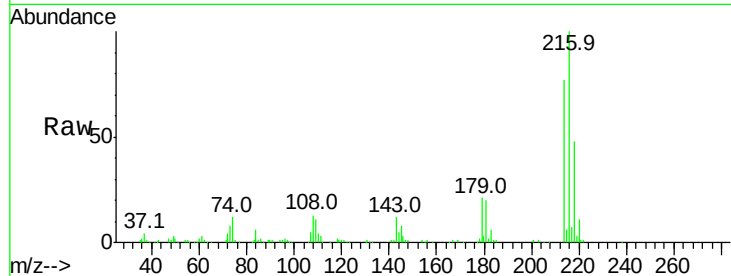
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.55 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	327499		
214	78.8	62.6	93.8	
179	23.1	18.2	27.4	
108	22.8	17.5	26.3	

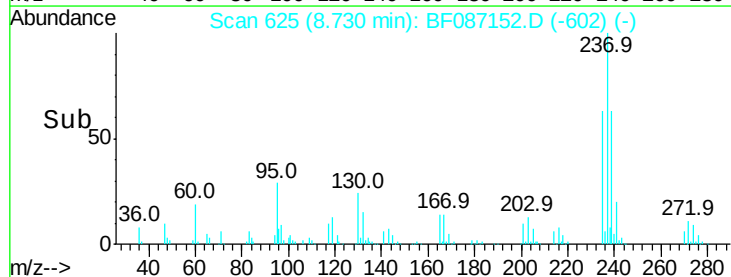
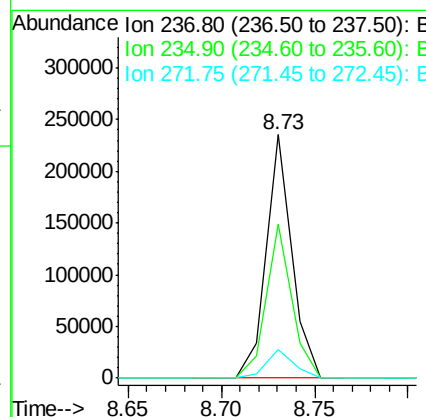
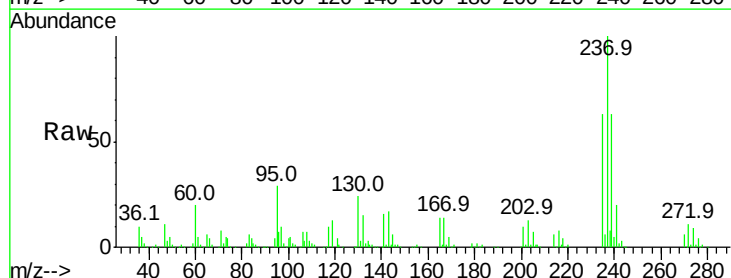
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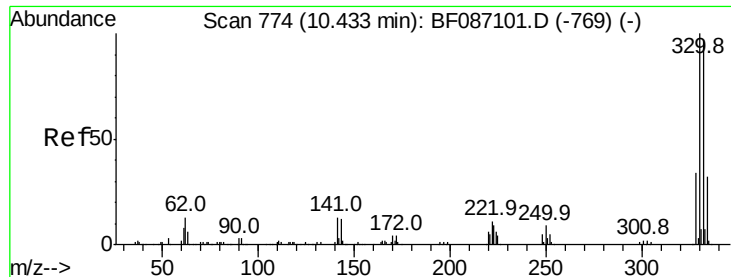
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#40
 Hexachlorocyclopentadiene
 Concen: 72.22 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	222578		
235	63.5	47.2	87.2	
272	11.5	0.0	31.1	





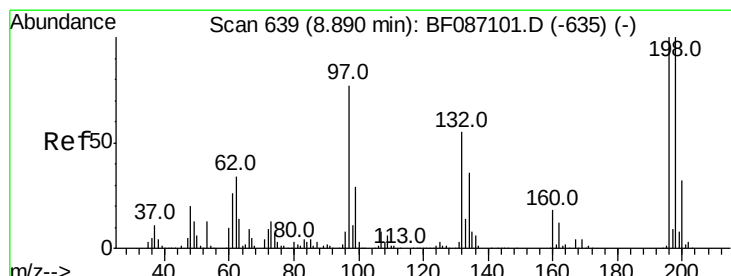
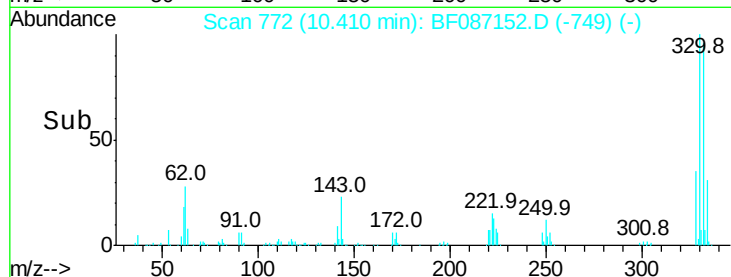
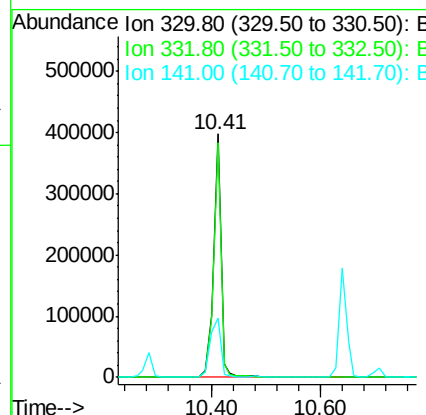
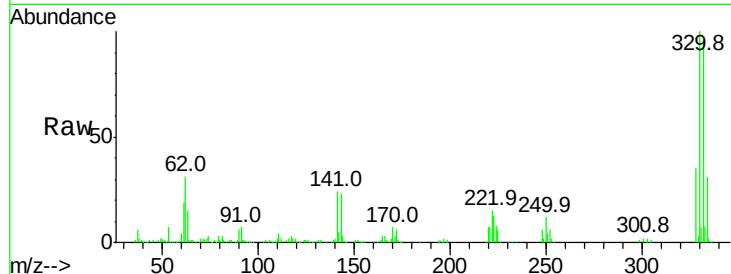
#41
 2,4,6-Tribromophenol
 Concen: 125.80 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	79.0	118.4	
141	33.8	31.2	46.8	

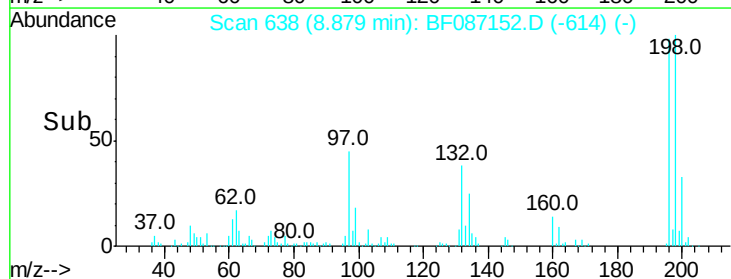
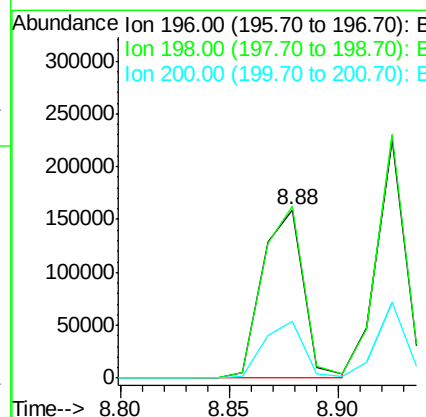
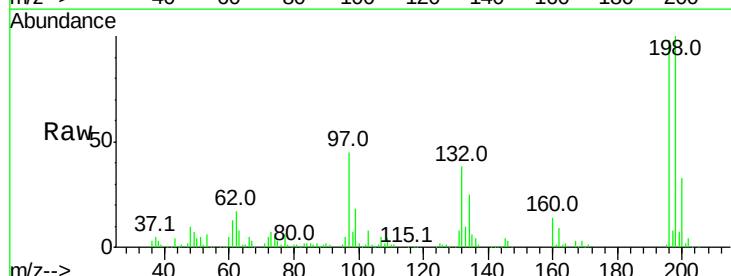
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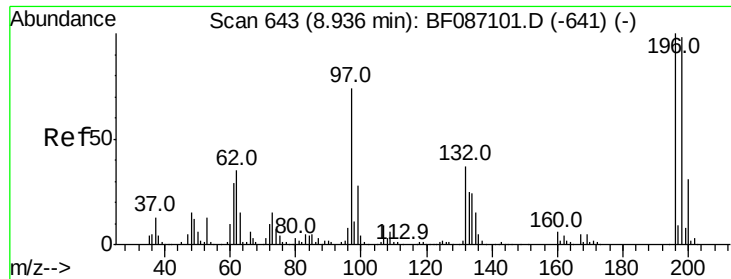
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#42
 2,4,6-Trichlorophenol
 Concen: 40.36 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





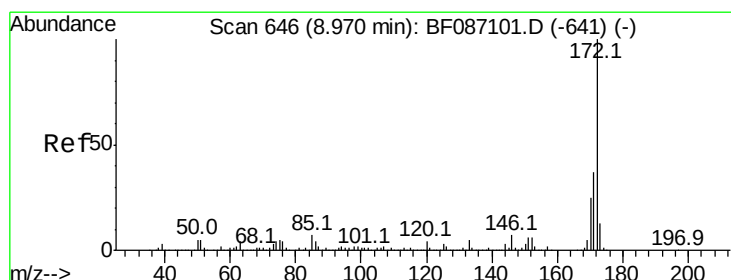
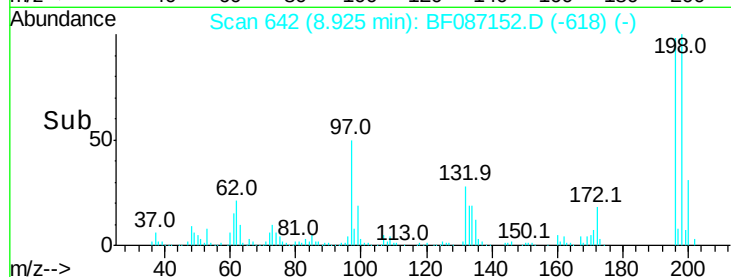
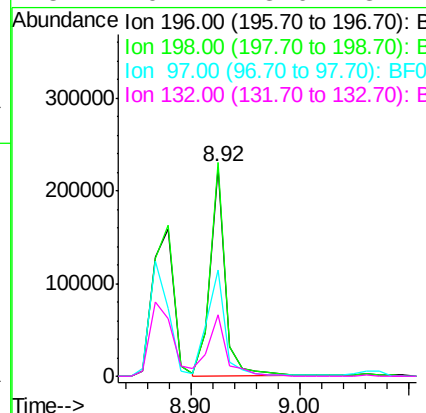
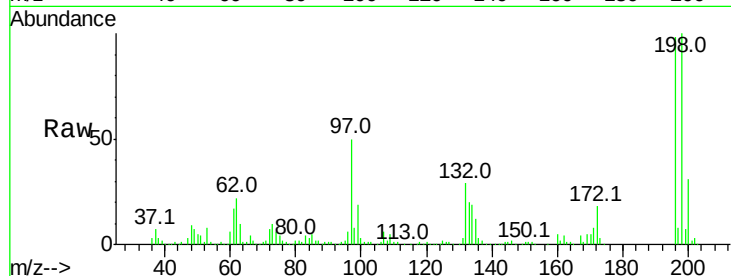
#43
 2,4,5-Trichlorophenol
 Concen: 40.65 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		221186		
198	102.2	77.5	116.3		
97	50.9	34.8	52.2		
132	29.1	23.0	34.4		

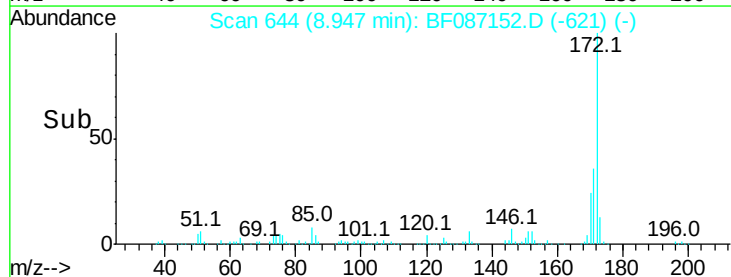
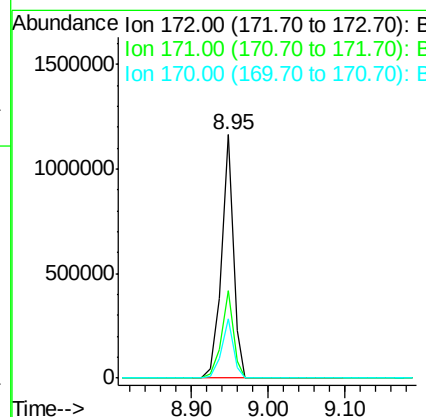
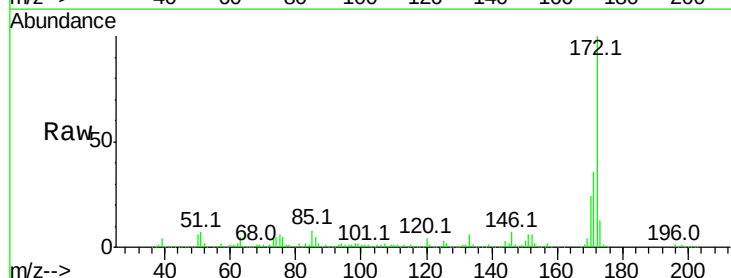
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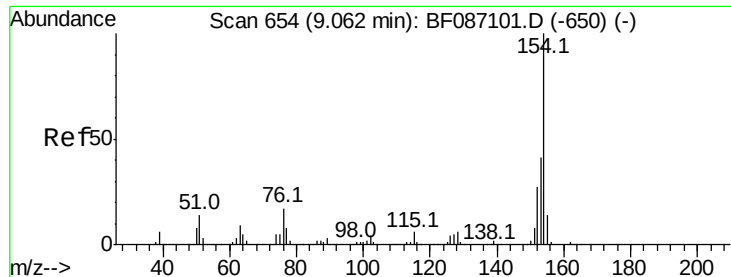
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#44
 2-Fluorobiphenyl
 Concen: 75.25 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1256399		
171	36.1	29.0	43.6		
170	24.2	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 42.81 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

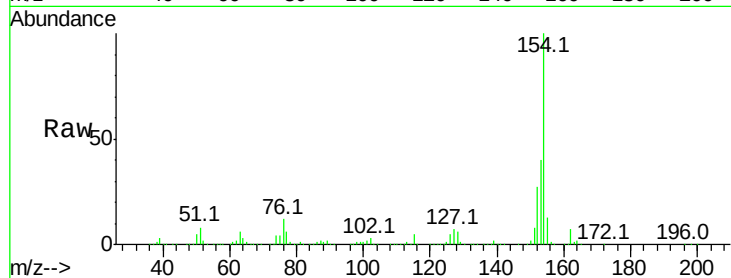
ClientSampleId :

BERKSHIRE-HOMESMSD

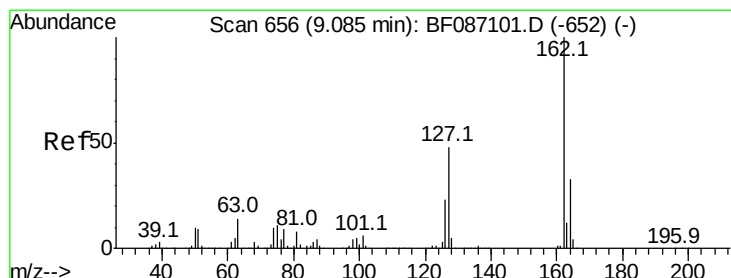
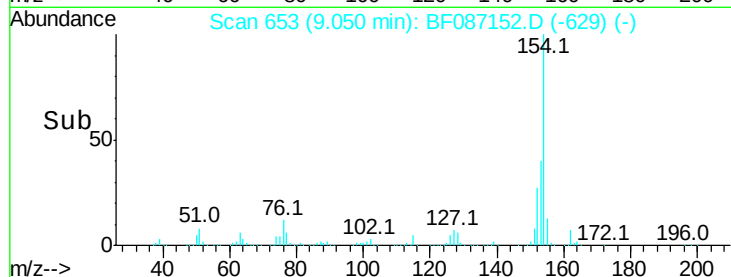
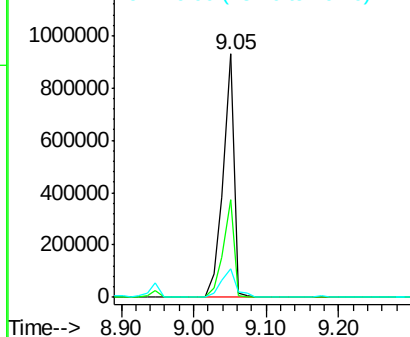
Tot Ion:	154	Resp:	981615
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.3	60.3
76	11.6	0.0	30.2

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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: 40.94 ng

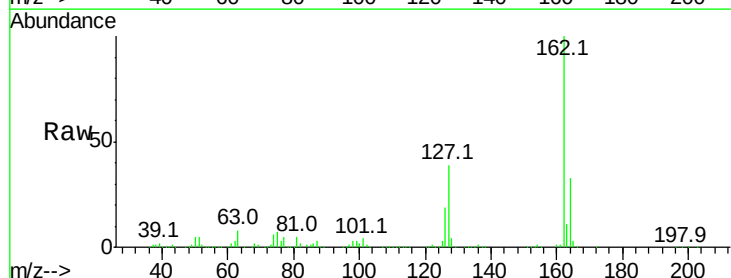
RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

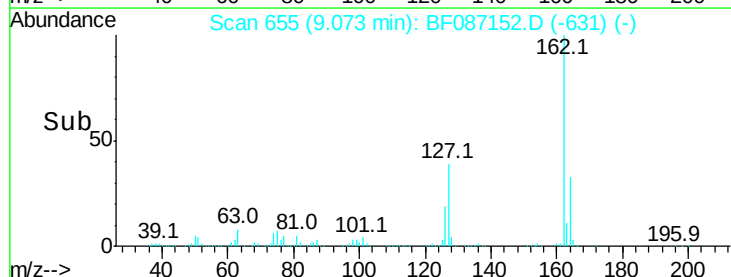
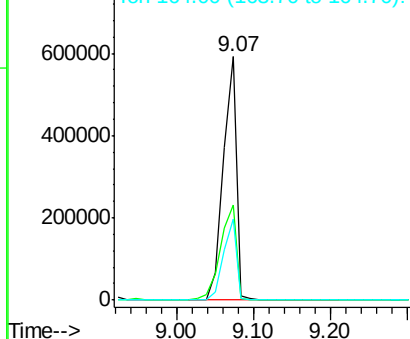
Lab File: BF087152.D

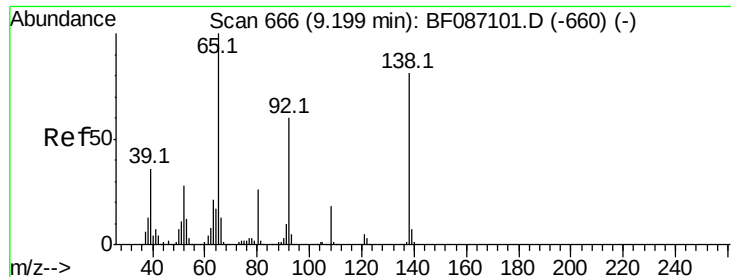
Acq: 18 May 2016 19:18

Tgt Ion:	162	Resp:	720675
Ion Ratio	Lower	Upper	
162	100		
127	39.3	31.8	47.6
164	33.4	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





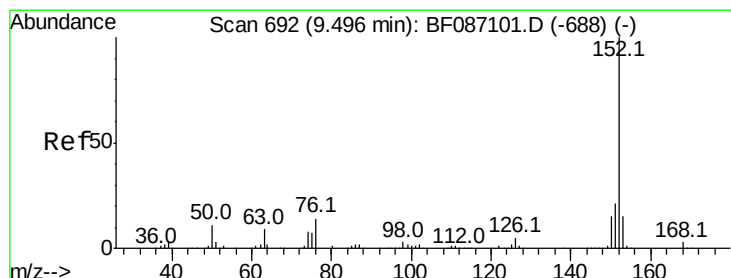
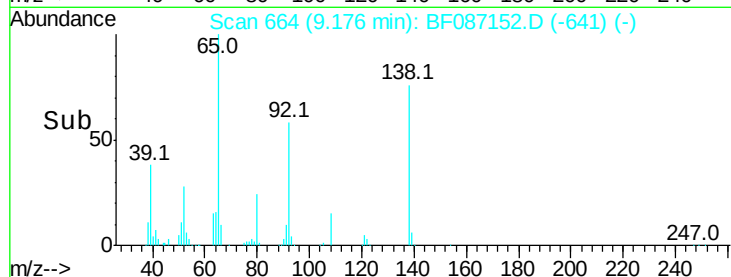
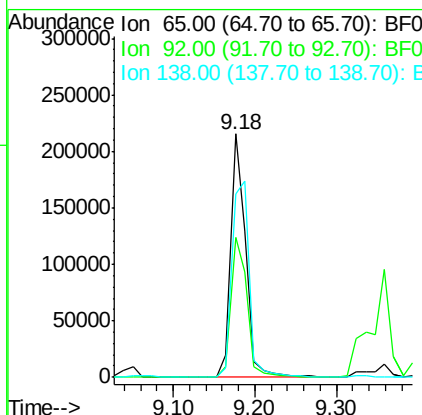
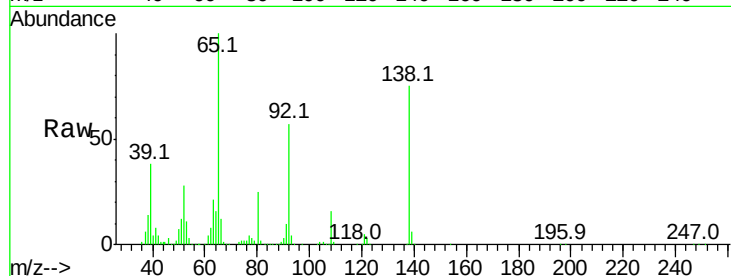
#47
2-Nitroaniline
Concen: 40.51 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
65	100		
92	57.3	57.4	86.2#
138	75.3	90.1	135.1#

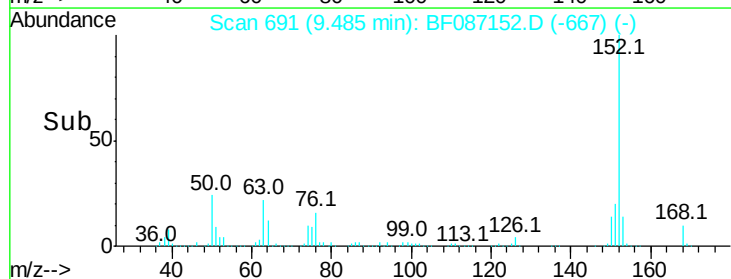
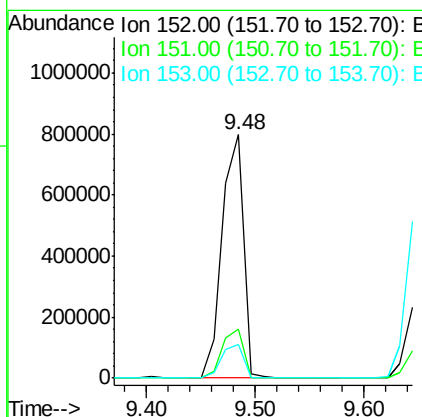
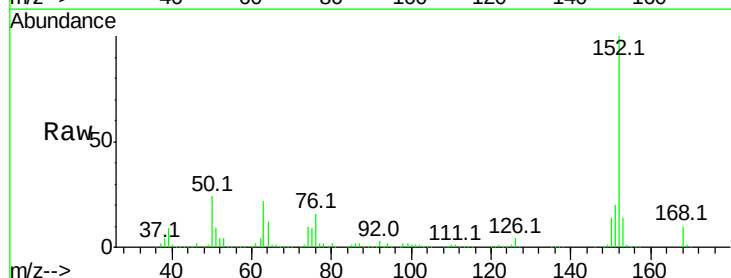
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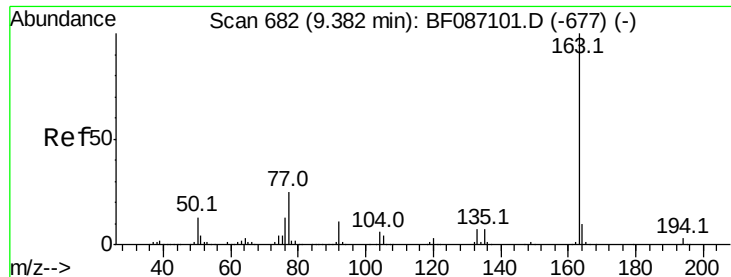
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#48
Acenaphthylene
Concen: 40.52 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.6	10.9	16.3





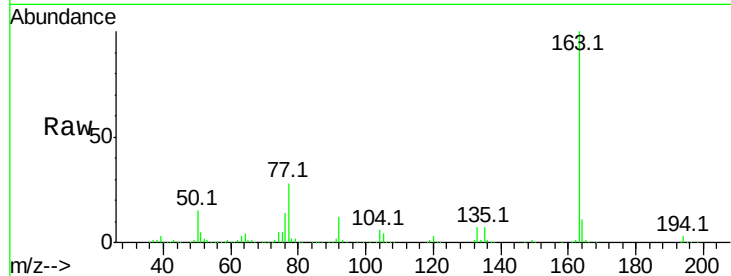
#49
Dimethylphthalate
Concen: 49.10 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

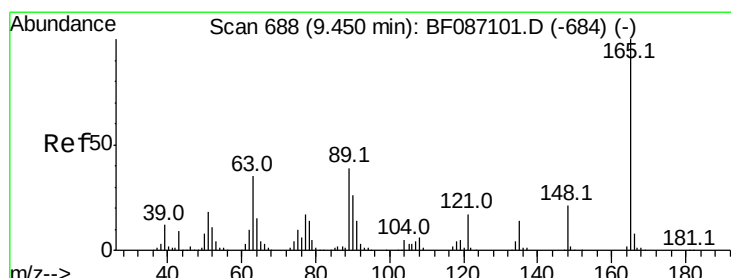
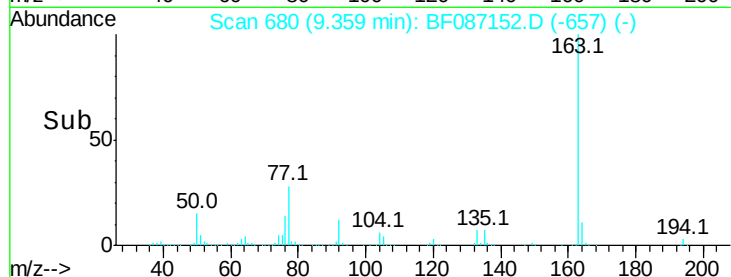
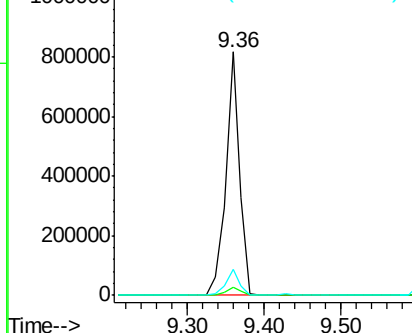
Tot Ion:163 Resp: 1035647
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.8 8.2 12.4

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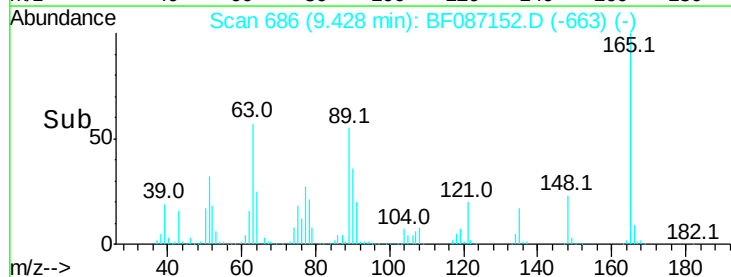
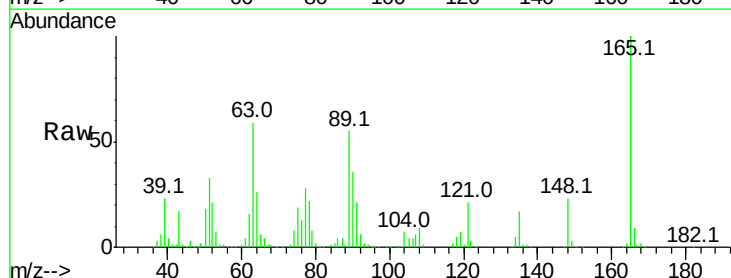
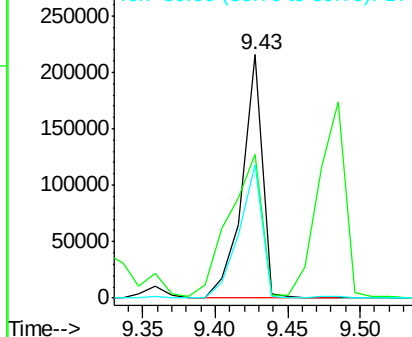
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

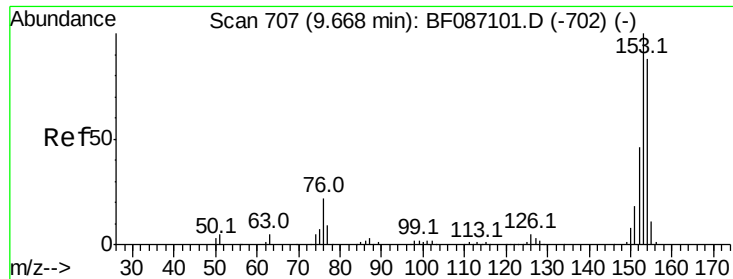


#50
2,6-Dinitrotoluene
Concen: 45.37 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

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

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: 39.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

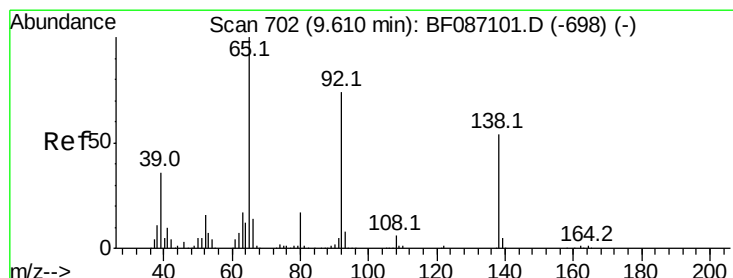
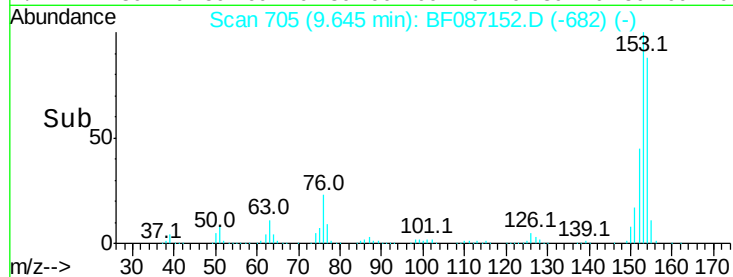
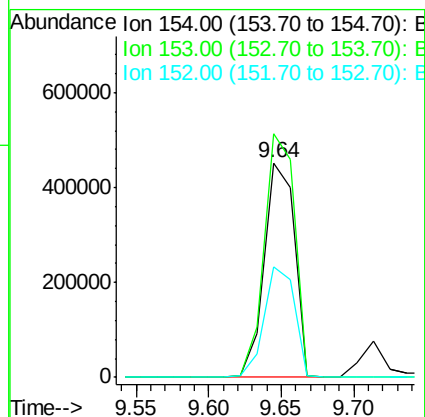
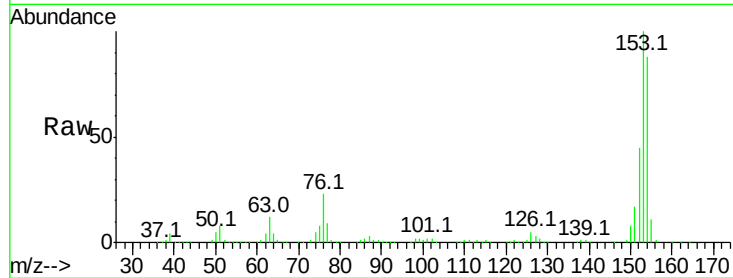
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion:	154	Resp:	654848
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.8	134.6
152	51.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 31.53 ng

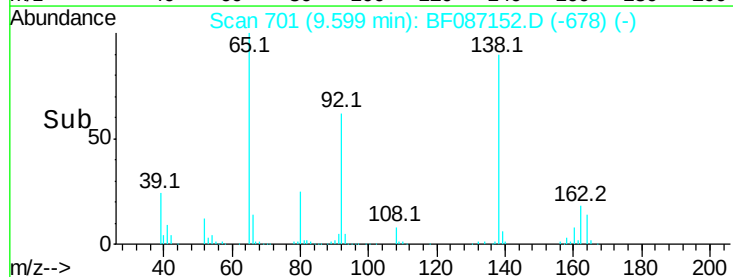
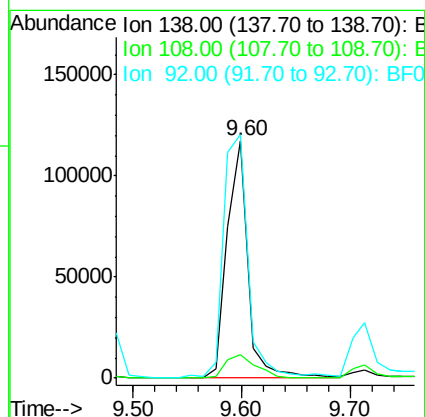
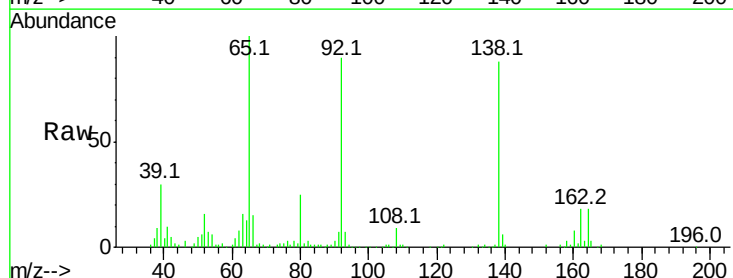
RT: 9.60 min Scan# 701

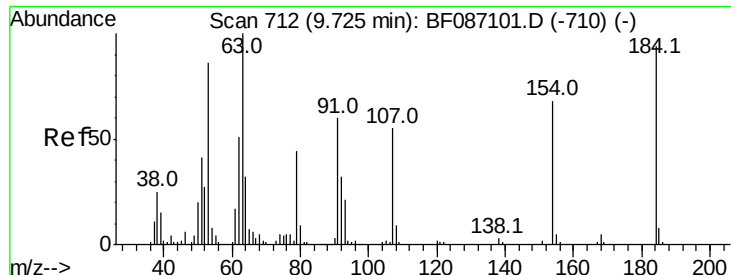
Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	138	Resp:	156346
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.6
92	102.6	87.8	131.8





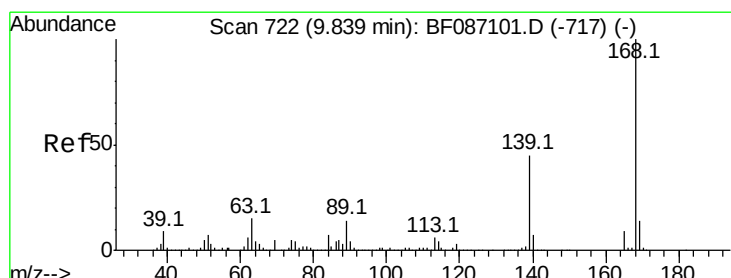
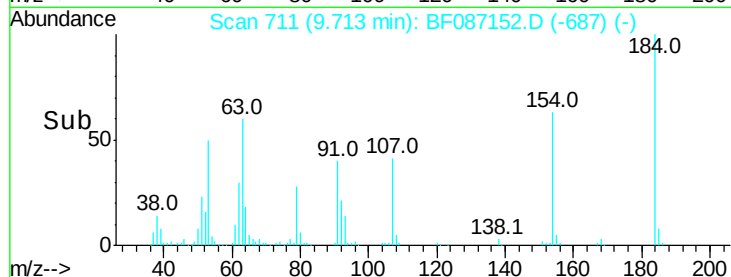
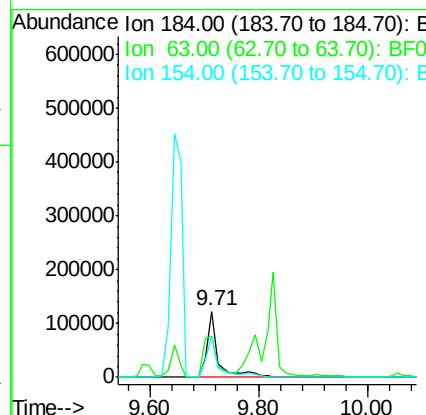
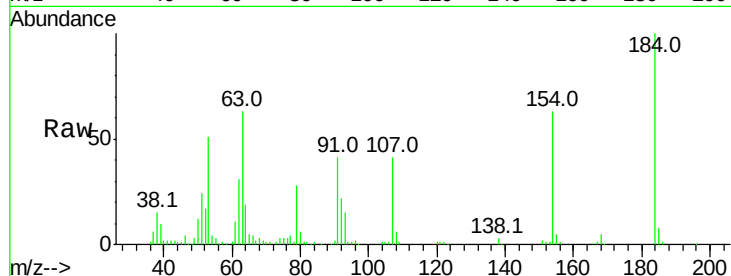
#53
2,4-Dinitrophenol
Concen: 67.69 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

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

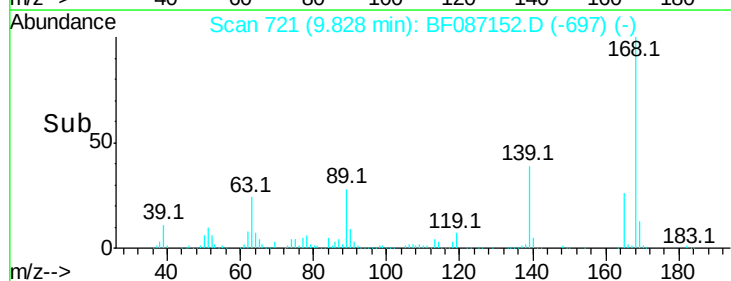
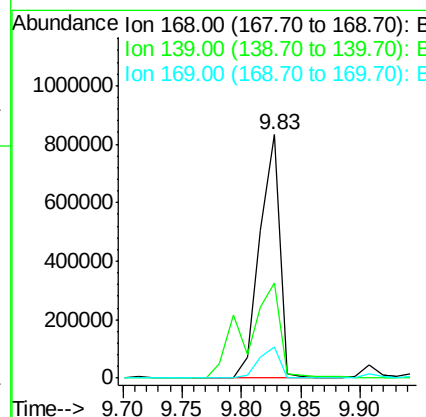
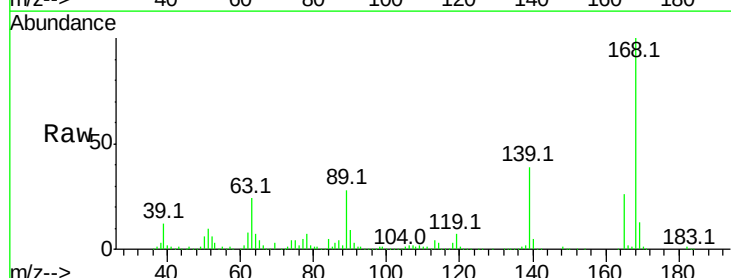
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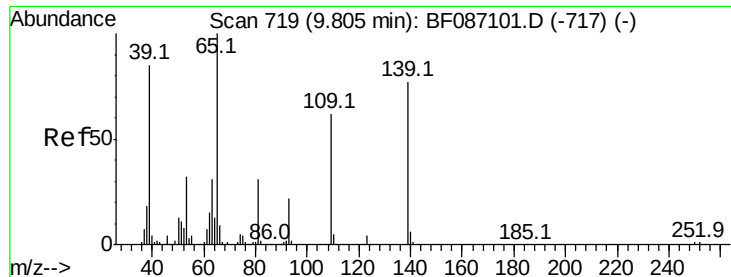
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#54
Dibenzofuran
Concen: 45.29 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	983395		
139	39.2	31.4	47.0	
169	12.9	10.7	16.1	





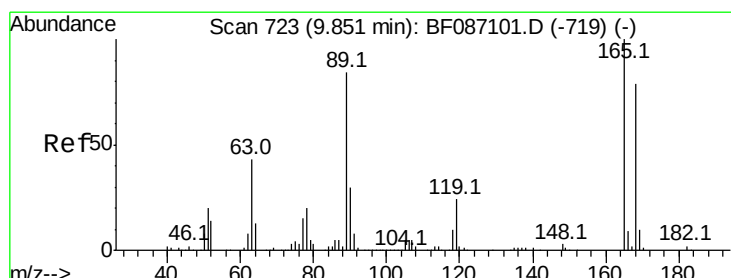
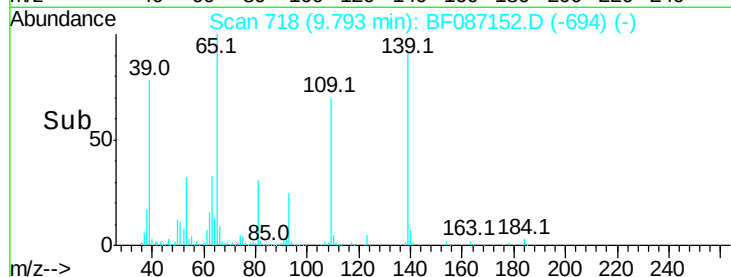
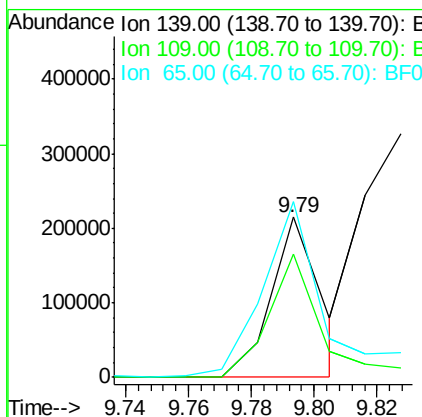
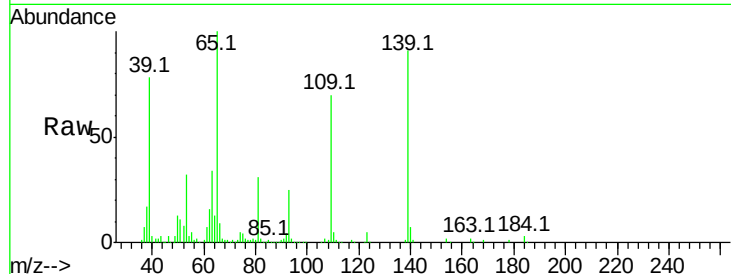
#55
4-Nitrophenol
Concen: 70.06 ng/mL
RT: 9.79 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.2	36.9	76.9#	
65	110.2	64.0	104.0#	

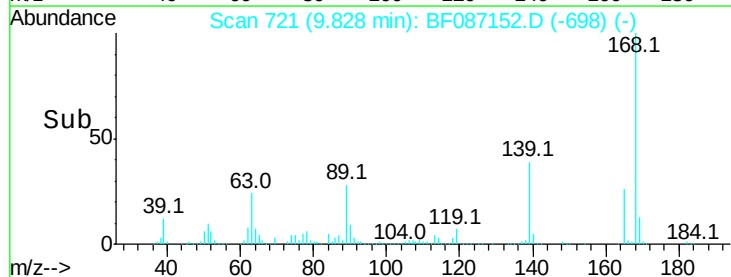
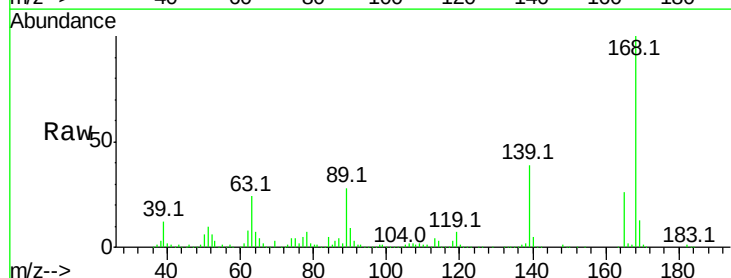
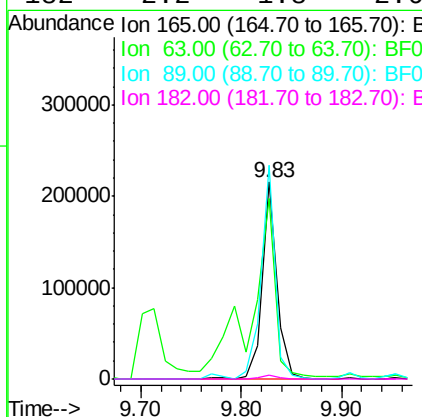
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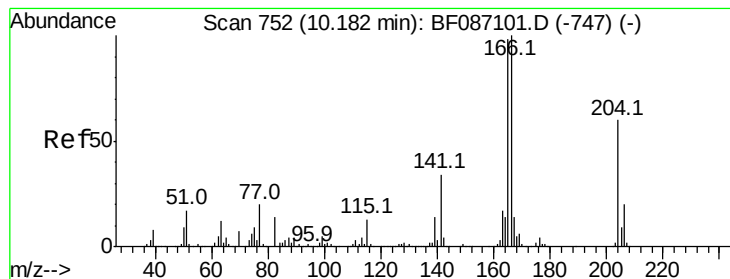
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#56
2,4-Dinitrotoluene
Concen: 37.61 ng/mL
RT: 9.83 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

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





#57

Fluorene

Concen: 40.00 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

ClientSampleId :

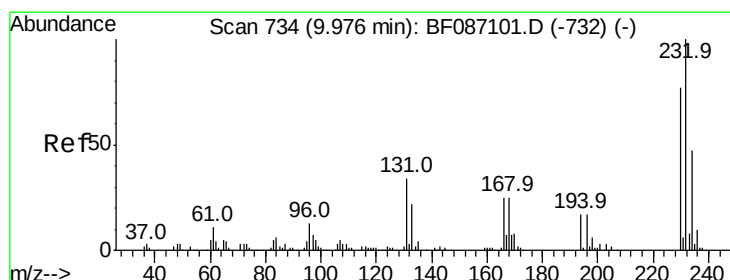
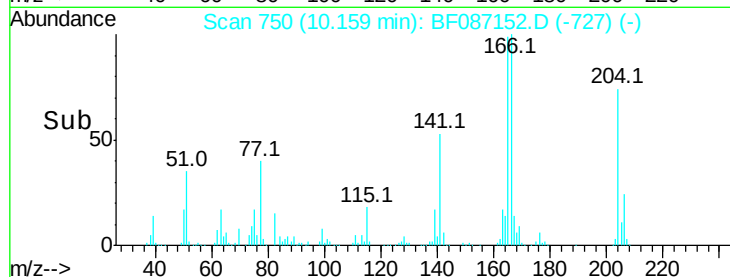
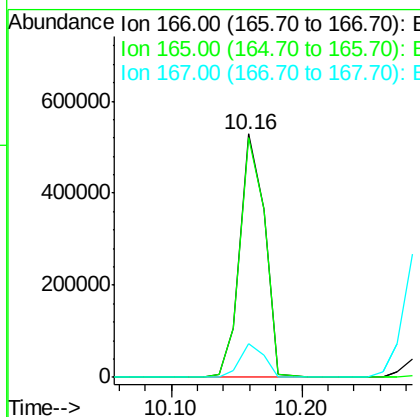
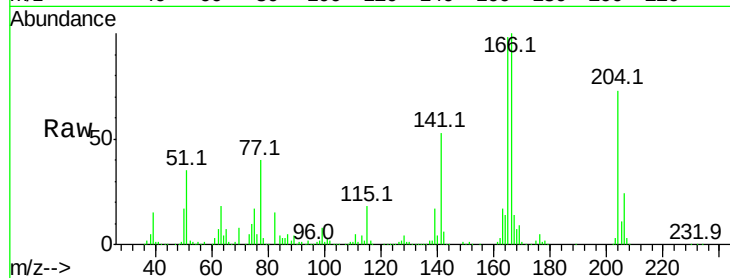
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Tot Ion	166	Resp	697901
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.0	118.6
167	13.9	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.17 ng

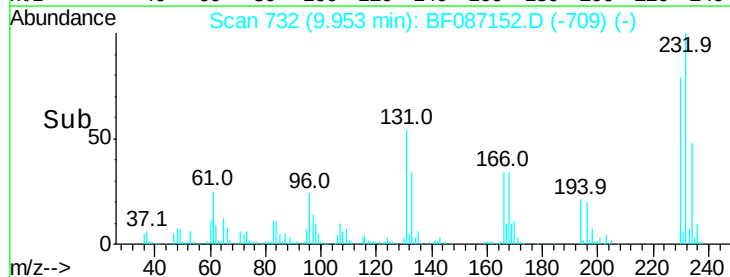
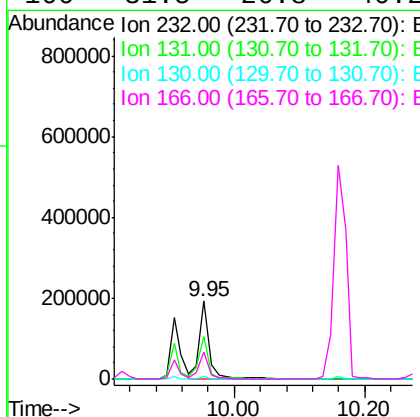
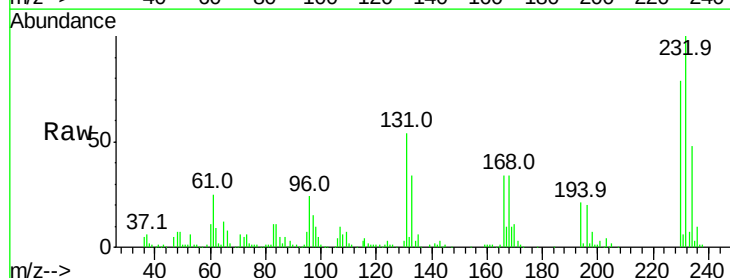
RT: 9.95 min Scan# 732

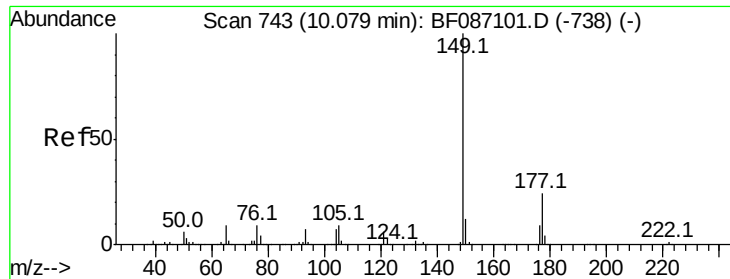
Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion	232	Resp	199906
Ion Ratio	Lower	Upper	
232	100		
131	52.7	41.9	62.9
130	2.5	2.2	3.4
166	31.5	26.8	40.2





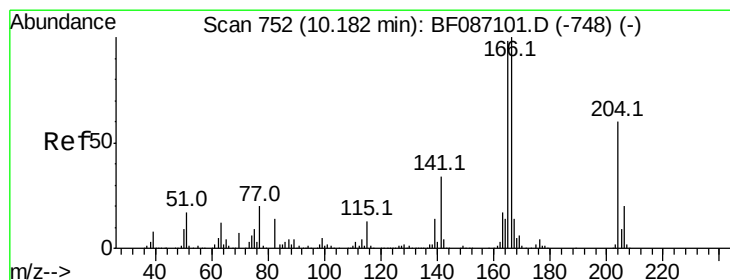
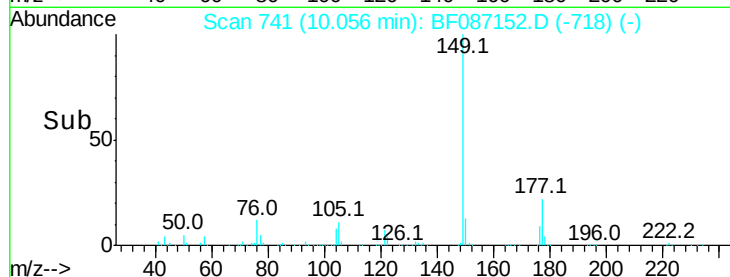
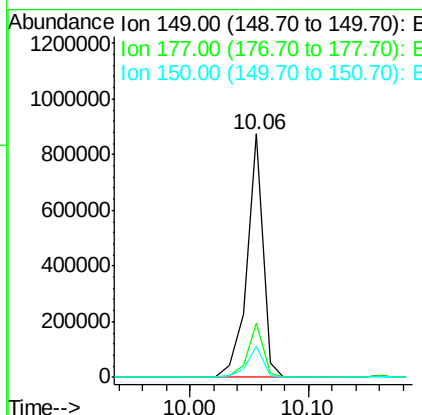
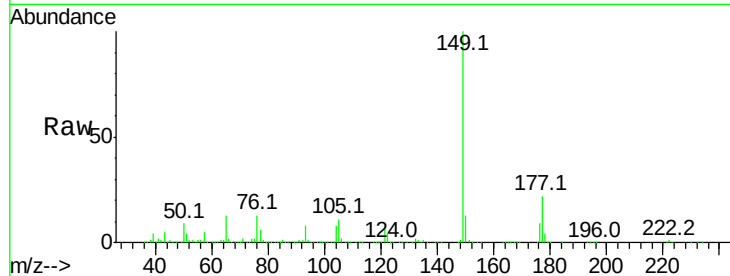
#59
Diethylphthalate
Concen: 40.83 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	822264		
177	22.1	16.6	24.8	
150	12.6	10.0	15.0	

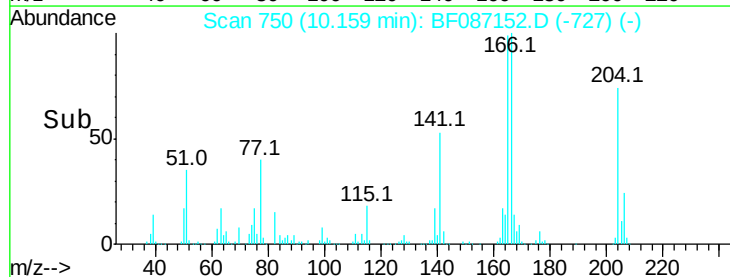
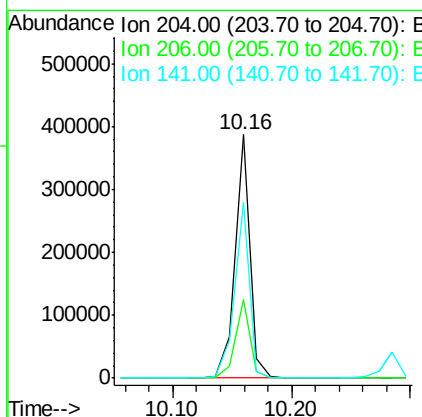
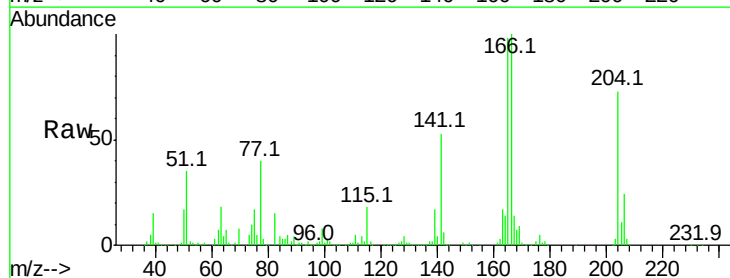
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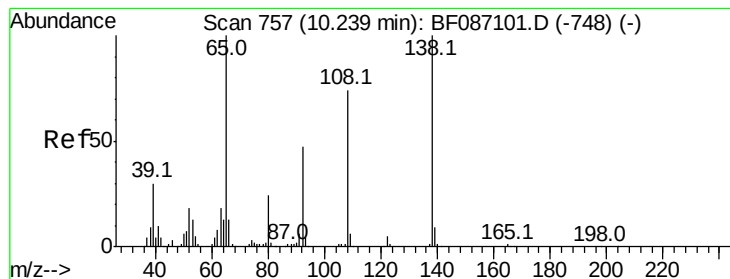
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#60
4-Chlorophenyl-phenylether
Concen: 40.65 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	336146		
206	32.4	25.4	38.0	
141	72.0	61.6	92.4	





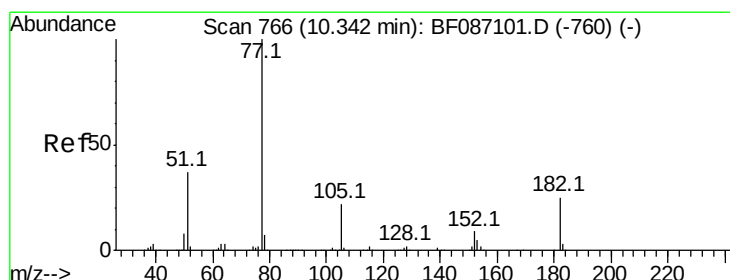
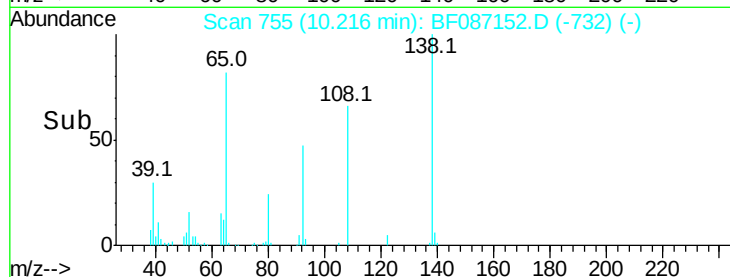
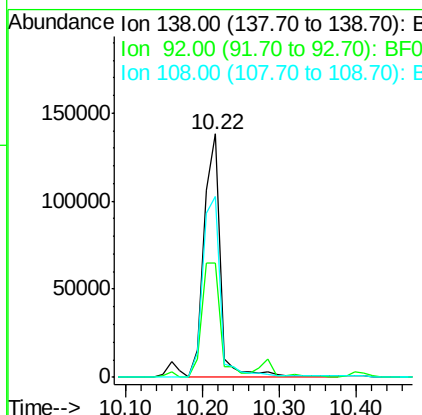
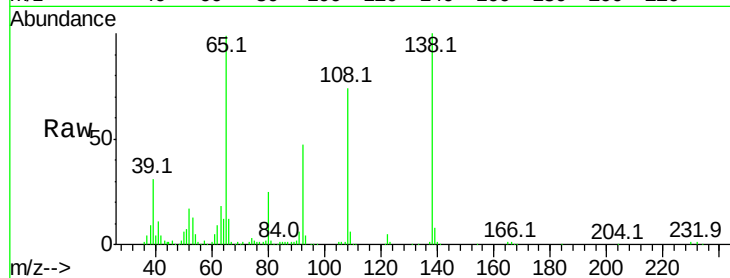
#61
4-Nitroaniline
Concen: 40.86 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.0	24.7	64.7
108	74.3	37.4	77.4

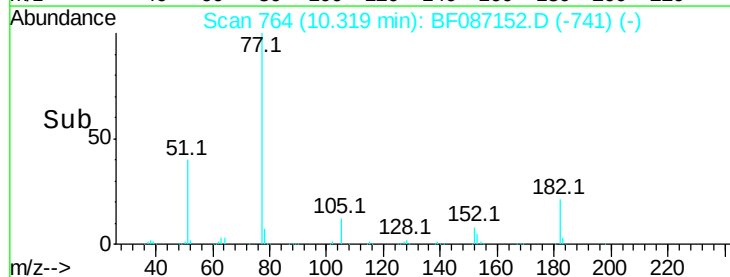
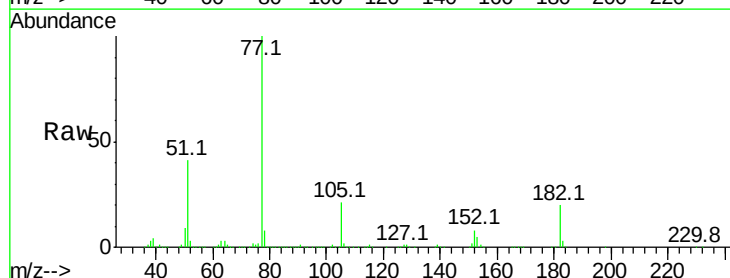
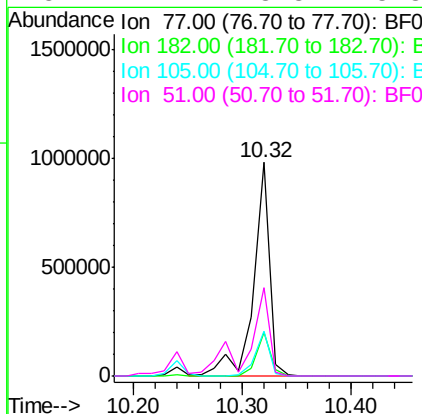
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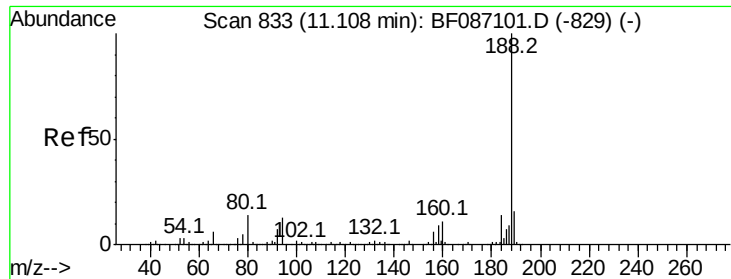
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#62
Azobenzene
Concen: 43.54 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

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





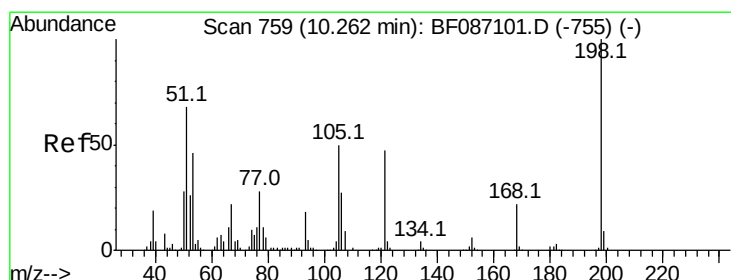
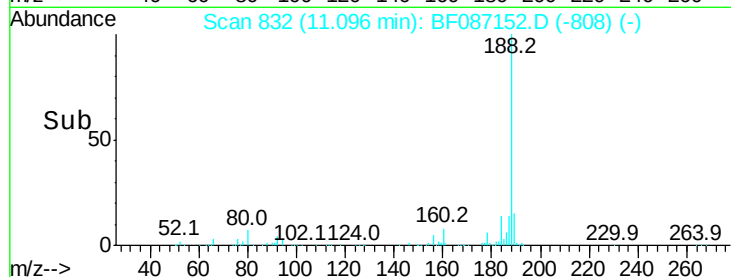
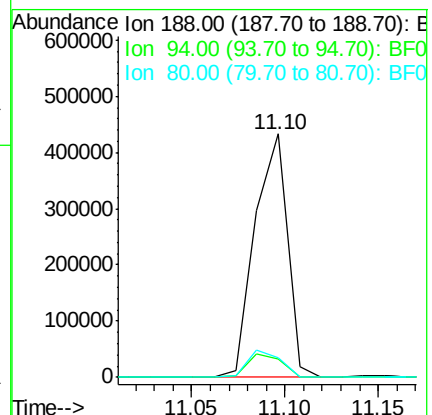
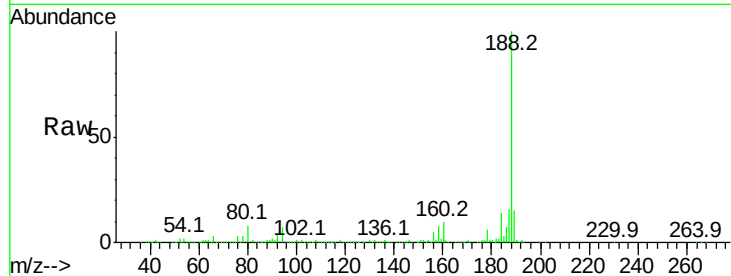
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	6.8	10.2
80	8.0	7.1	10.7

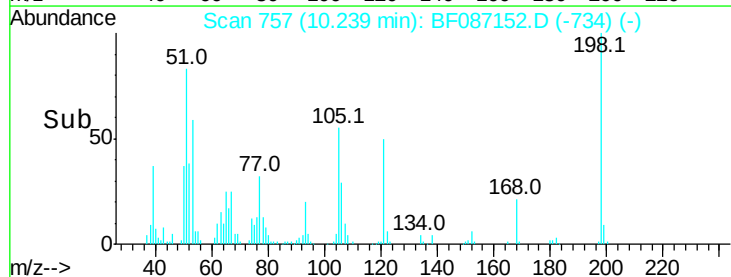
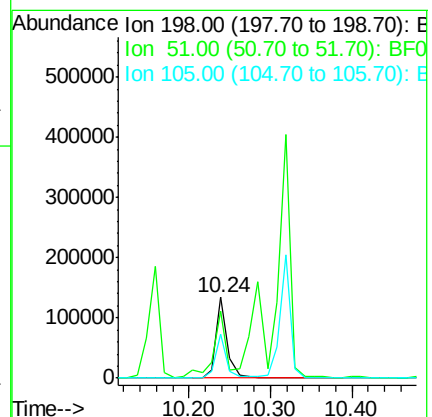
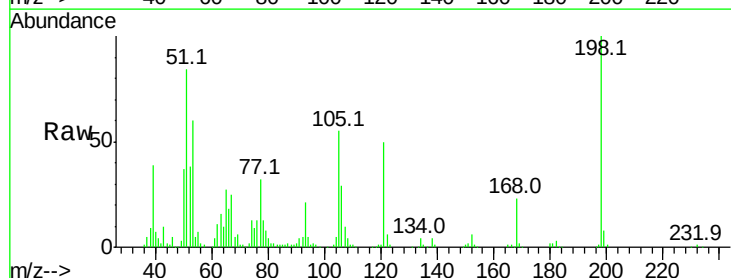
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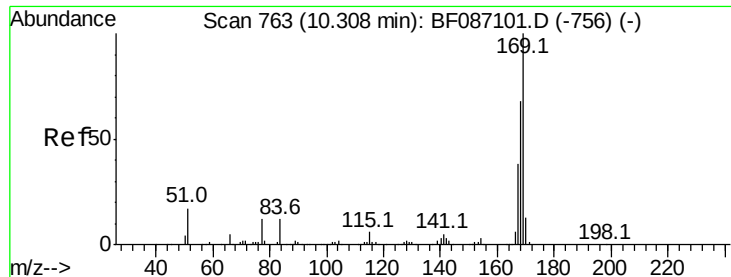
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.13 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

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





#65

n-Nitrosodiphenylamine

Concen: 41.05 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

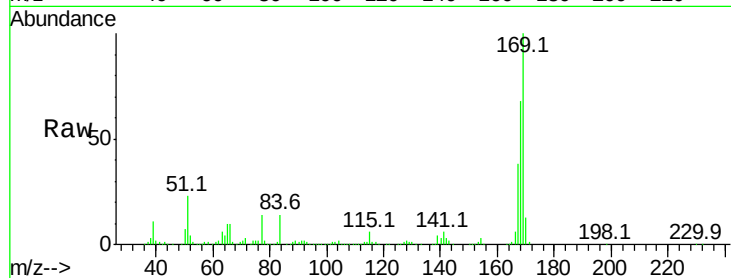
ClientSampleId :

BERKSHIRE-HOMESMSD

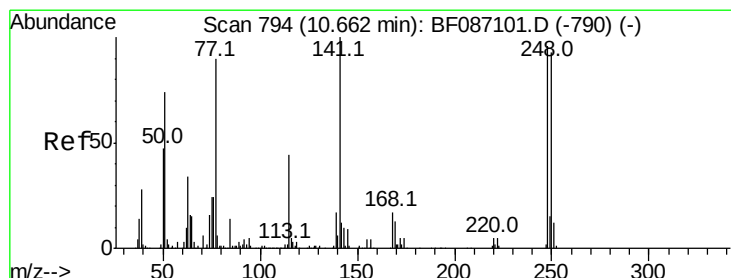
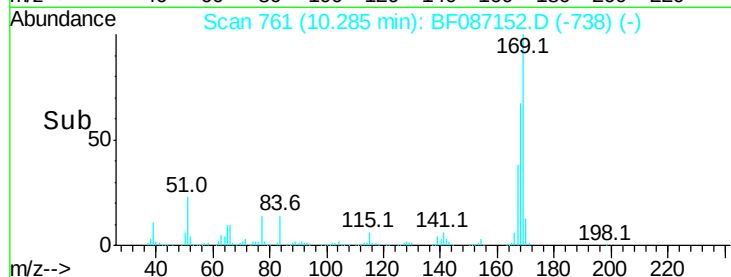
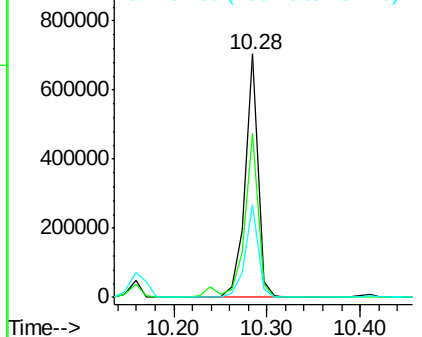
Tot Ion:	169	Resp:	678406
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.8	80.6
167	38.0	29.5	44.3

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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: 38.70 ng

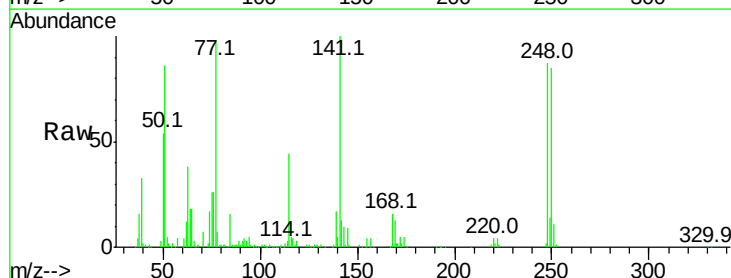
RT: 10.64 min Scan# 792

Delta R.T. -0.03 min

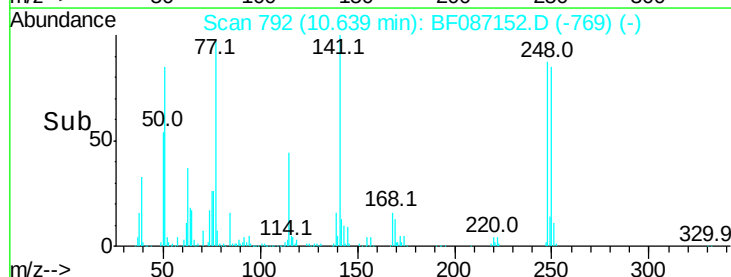
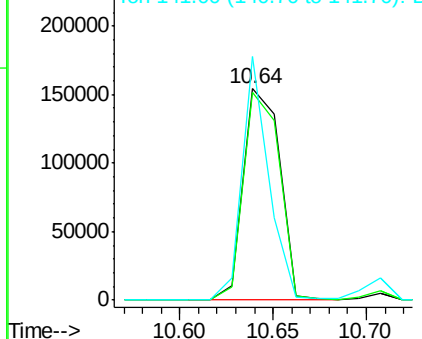
Lab File: BF087152.D

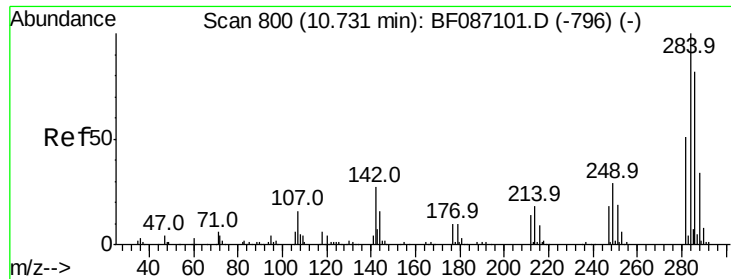
Acq: 18 May 2016 19:18

Tgt Ion:	248	Resp:	208979
Ion Ratio	Lower	Upper	
248	100		
250	98.2	78.6	117.8
141	115.2	76.0	114.0#



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





#67

Hexachlorobenzene

Concen: 39.76 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

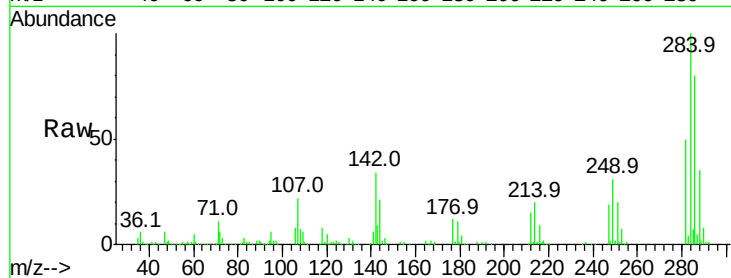
ClientSampleId :

BERKSHIRE-HOMESMSD

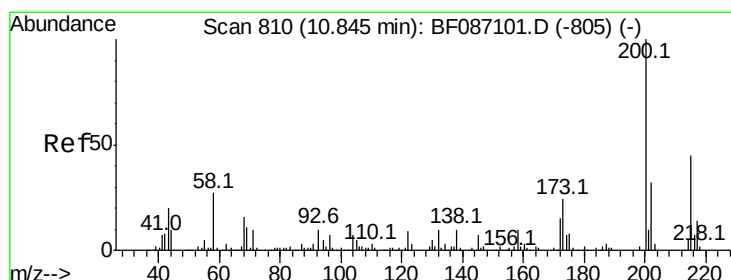
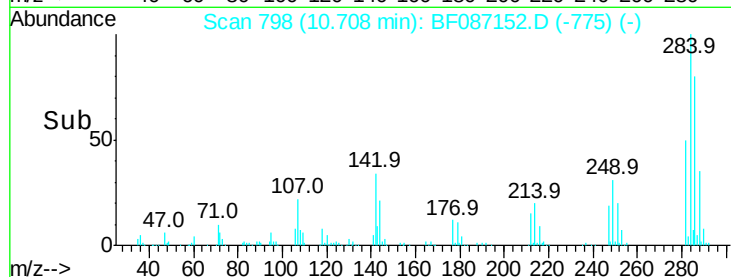
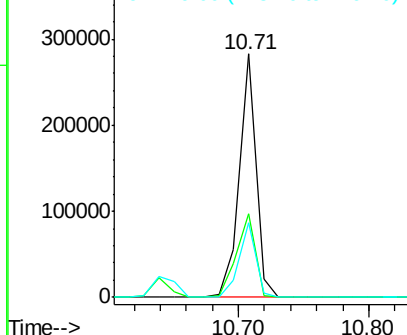
Tot Ion:	284	Resp:	248919
Ion Ratio		Lower	Upper
284	100		
142	34.4	16.7	25.1#
249	30.8	21.3	31.9

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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: 45.19 ng

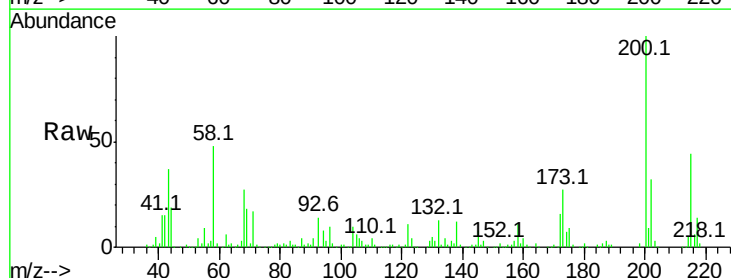
RT: 10.82 min Scan# 808

Delta R.T. -0.03 min

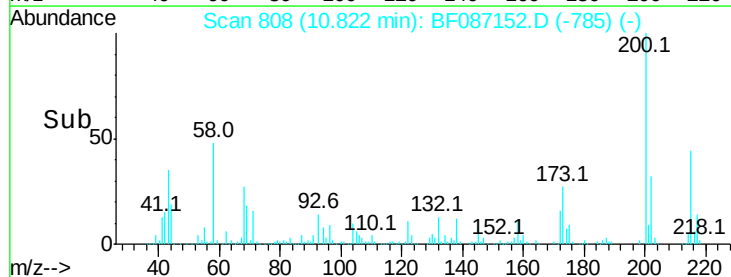
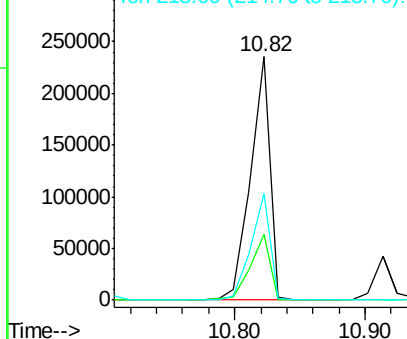
Lab File: BF087152.D

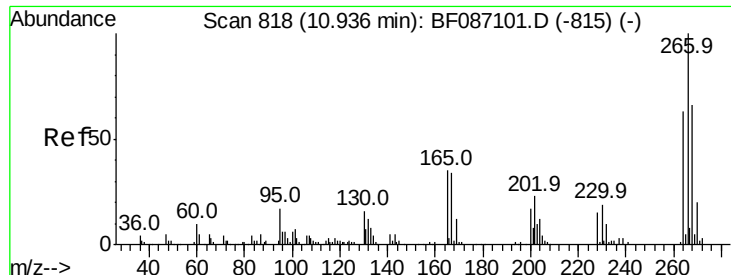
Acq: 18 May 2016 19:18

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



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





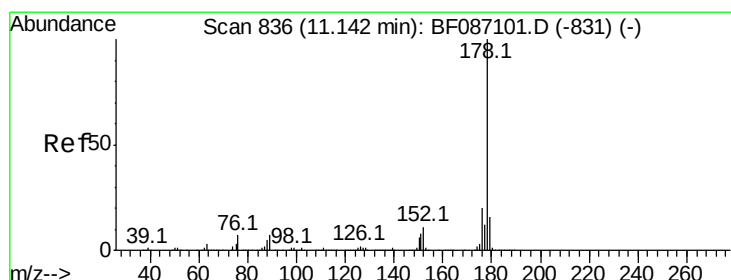
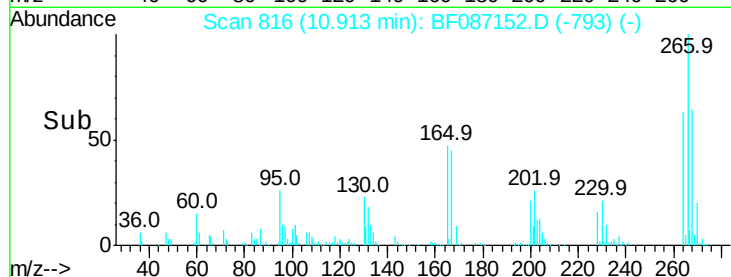
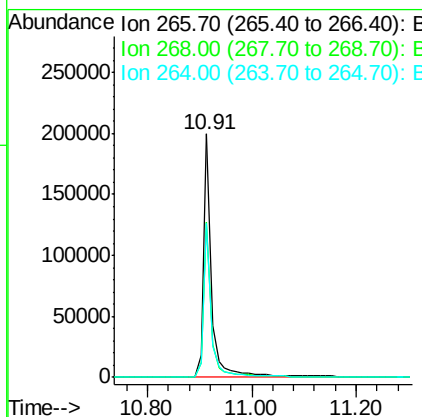
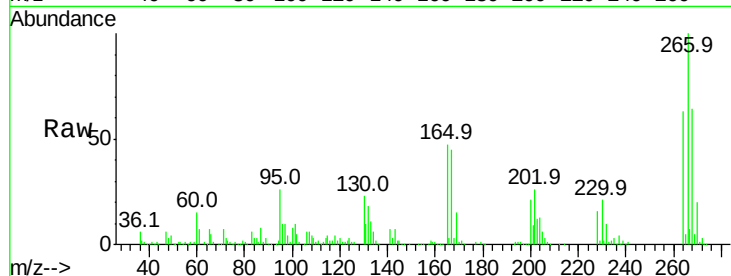
#69
 Pentachlorophenol
 Concen: 92.66 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

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

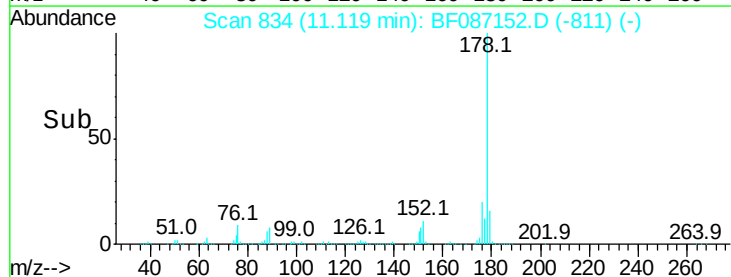
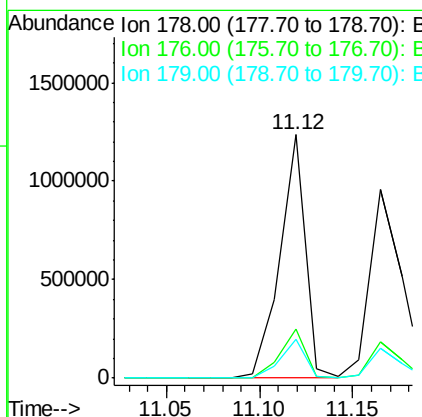
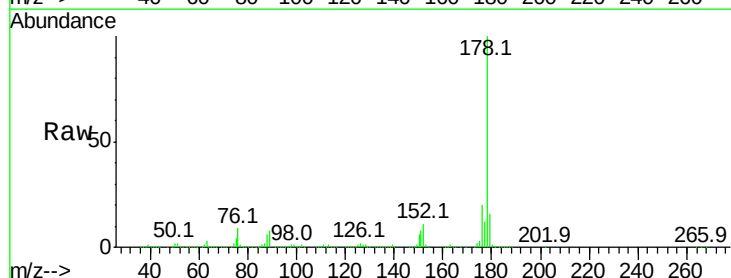
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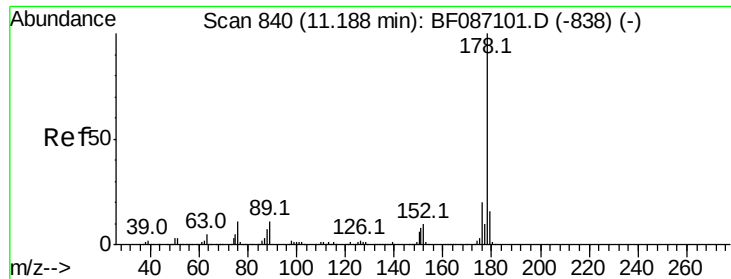
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#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





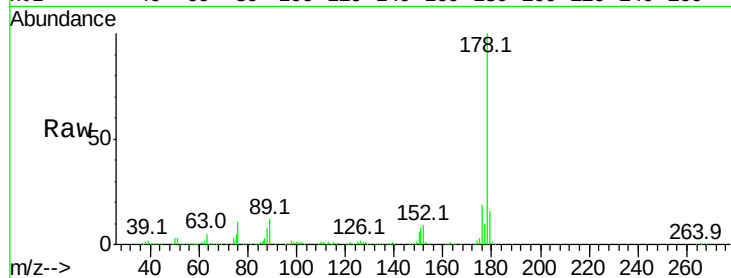
#71
 Anthracene
 Concen: 38.29 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

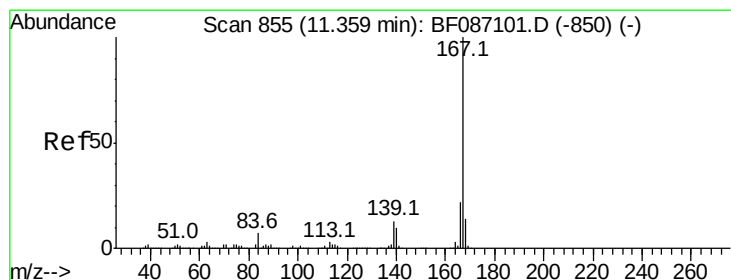
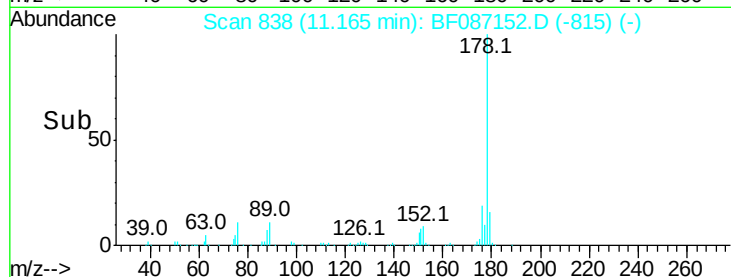
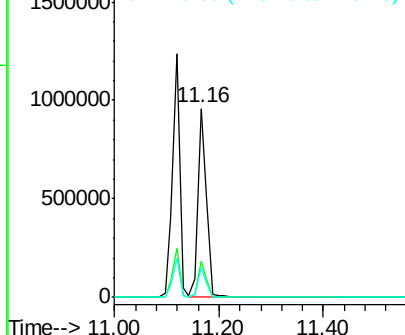
Tot Ion:178 Resp: 1103065
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.9 12.7 19.1

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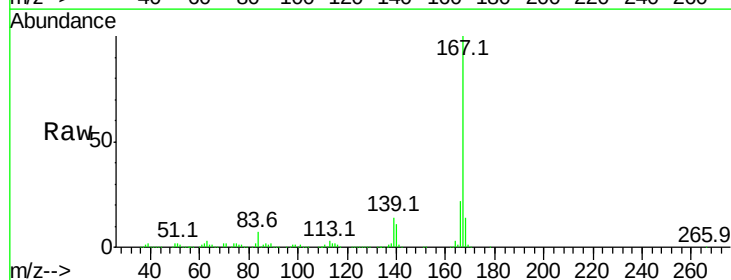


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

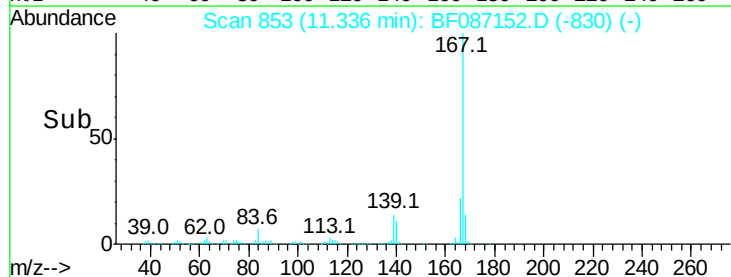
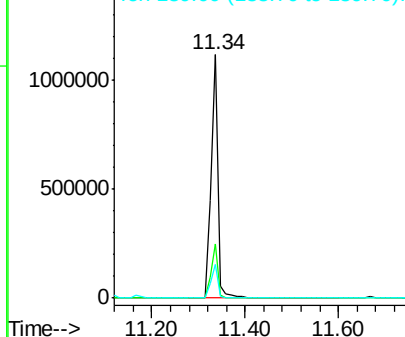


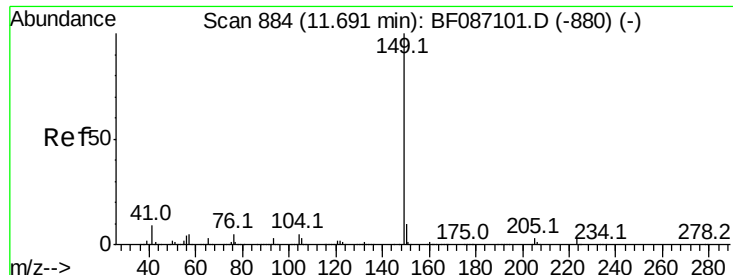
#72
 Carbazole
 Concen: 44.01 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Tgt Ion:167 Resp: 1158069
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.88 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

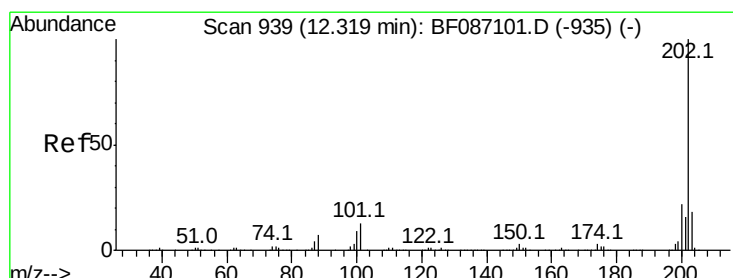
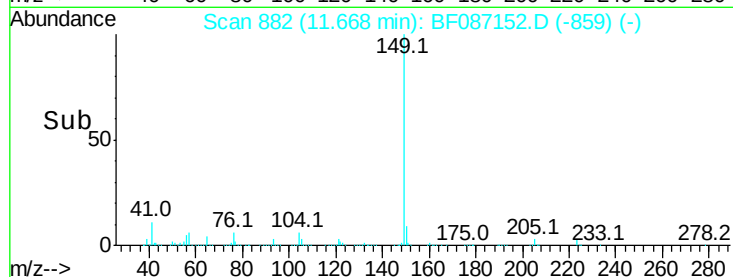
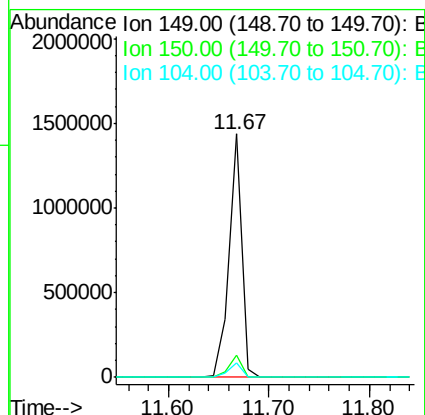
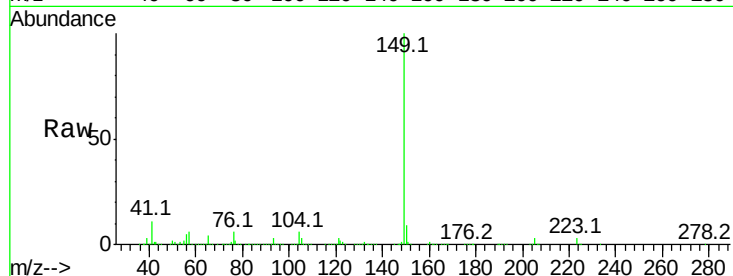
ClientSampleId :

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Tot Ion:	149	Resp:	1265855
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	5.8	3.8	5.6



#74

Fluoranthene

Concen: 38.71 ng

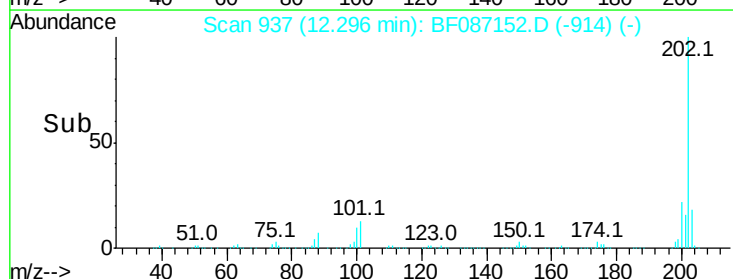
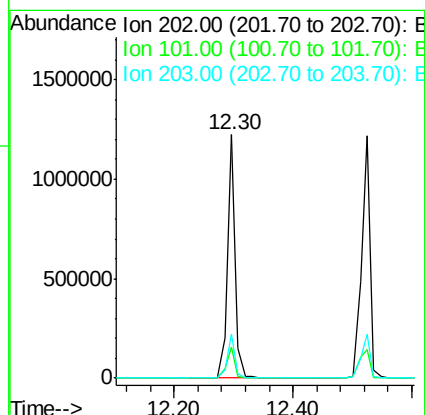
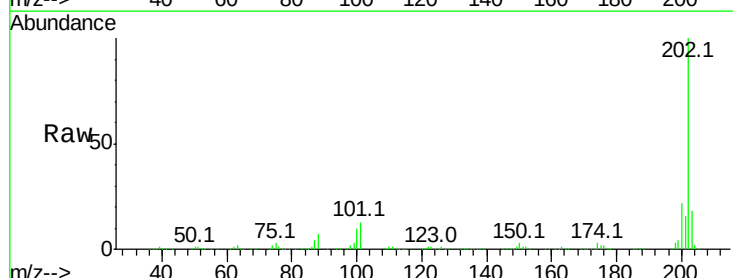
RT: 12.30 min Scan# 937

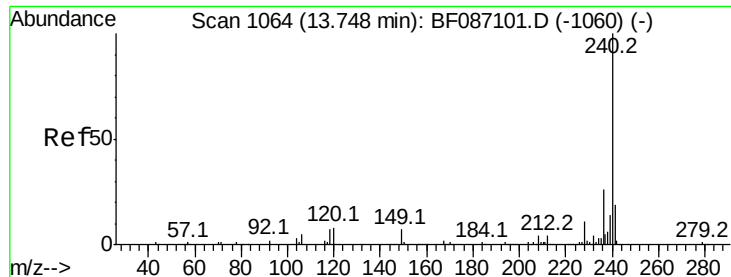
Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	202	Resp:	1104649
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

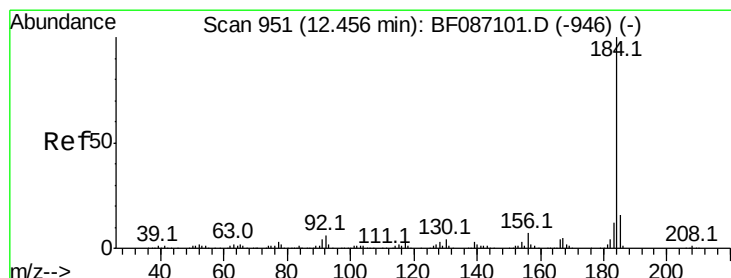
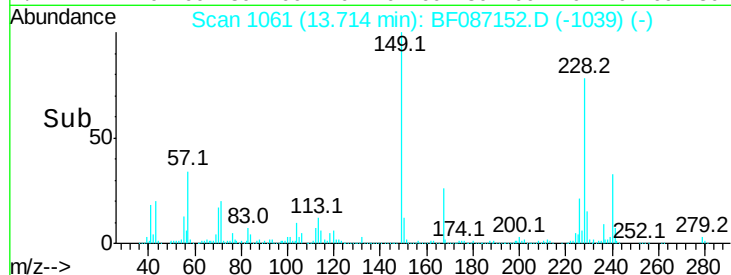
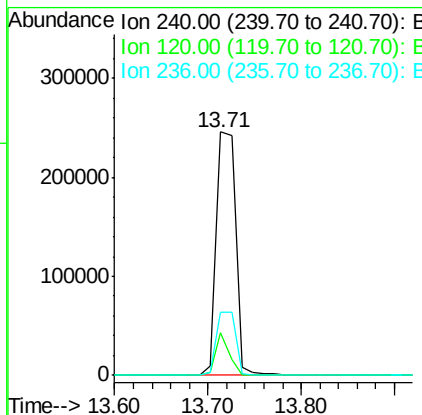
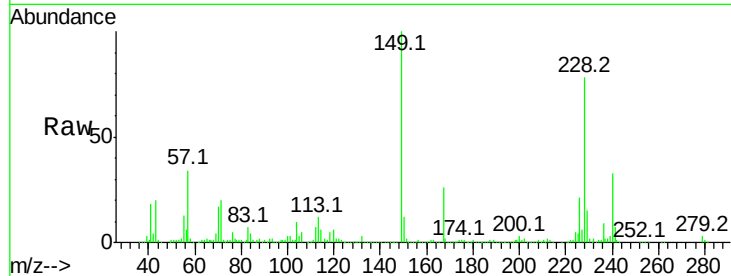
ClientSampleId :

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Tot Ion:	240	Resp:	352640
Ion Ratio	Lower	Upper	
240	100		
120	17.7	11.2	16.8#
236	25.8	21.2	31.8

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#76

Benzidine

Concen: 3.25 ng

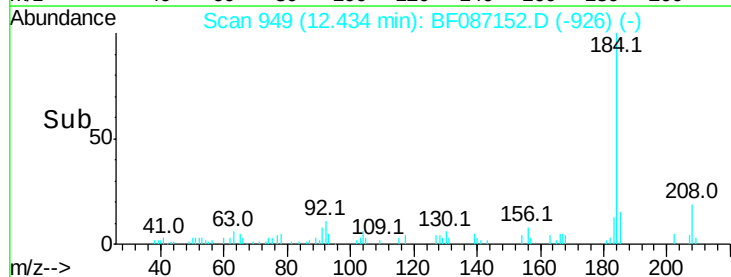
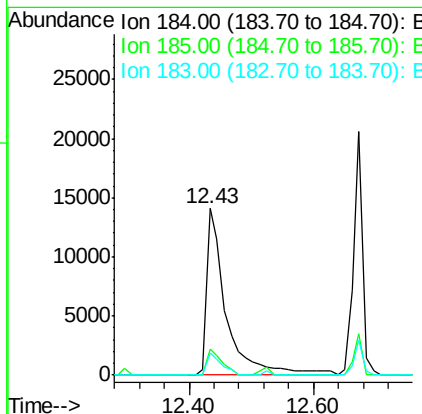
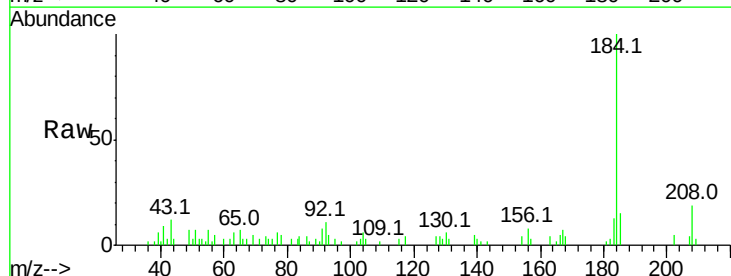
RT: 12.43 min Scan# 949

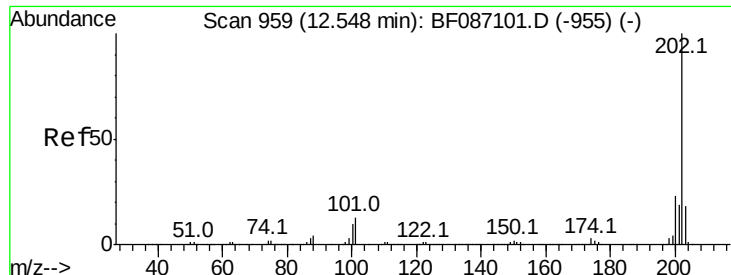
Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	184	Resp:	30594
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	13.2	9.8	14.6





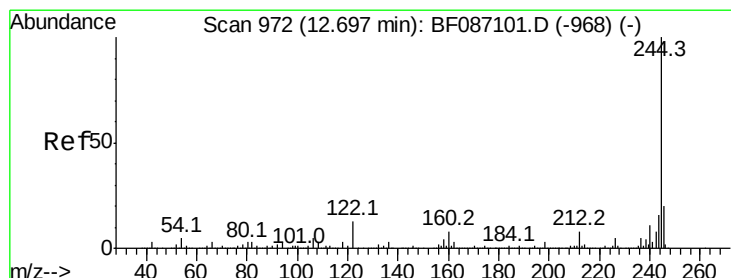
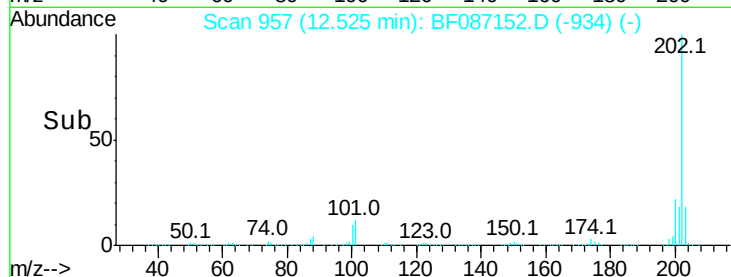
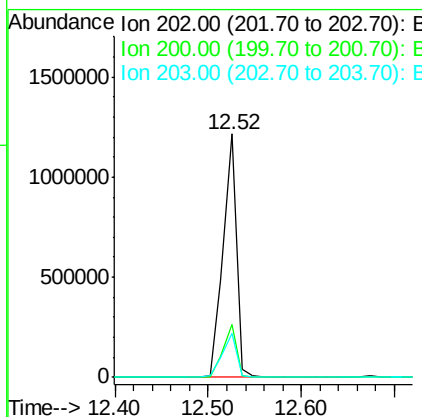
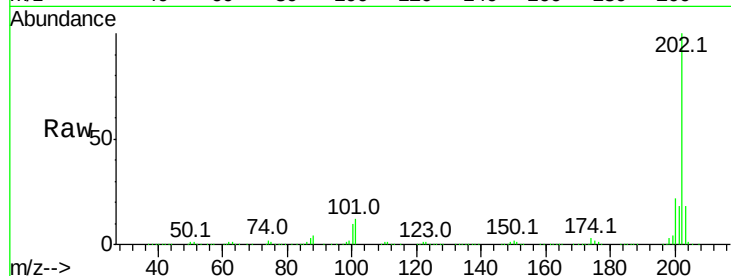
#77
Pvrene
Concen: 47.56 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.9	14.2	21.4

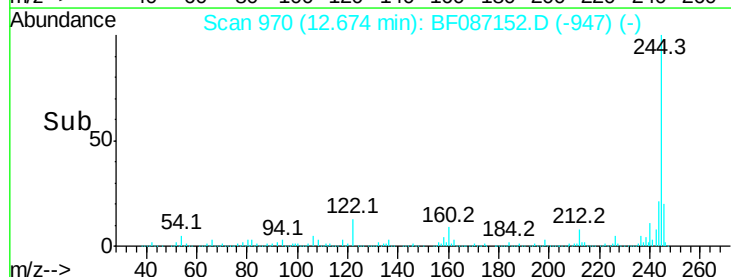
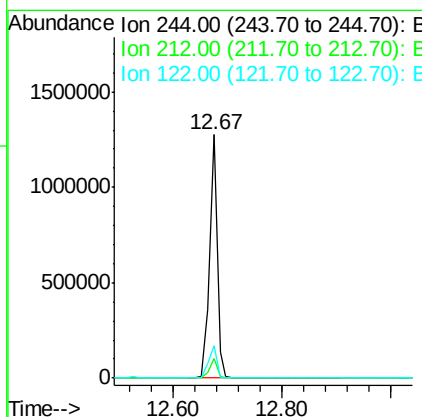
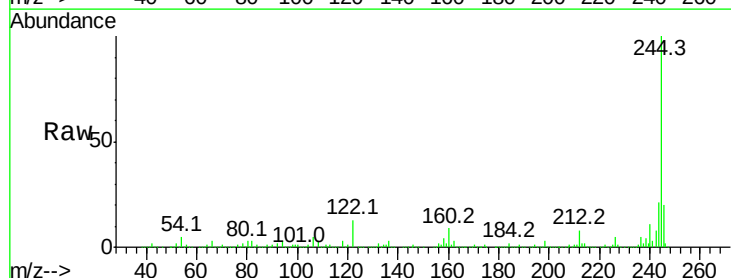
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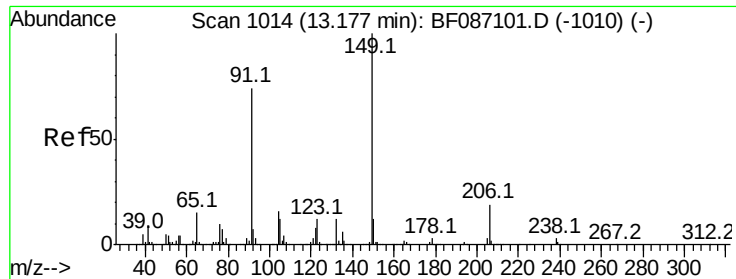
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#78
Terphenyl-d14
Concen: 79.29 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

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





#79

Butylbenzylphthalate

Concen: 51.23 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

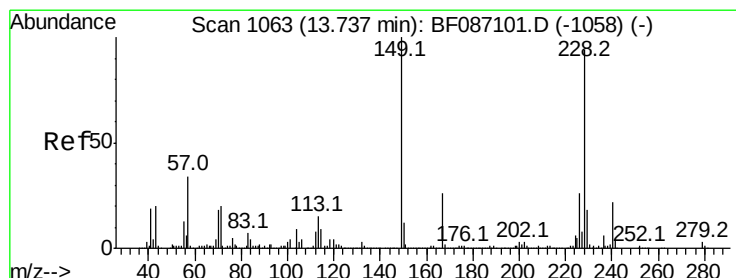
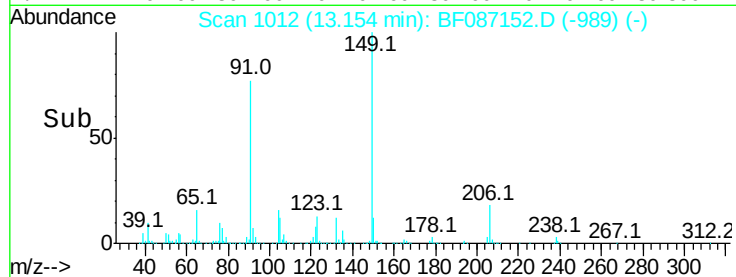
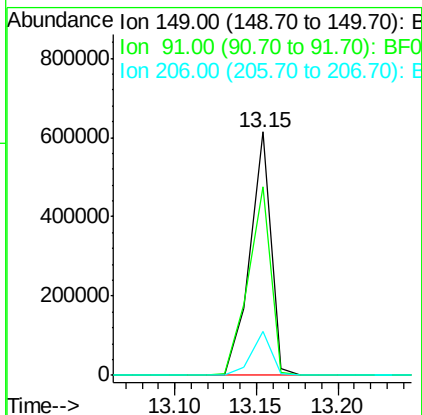
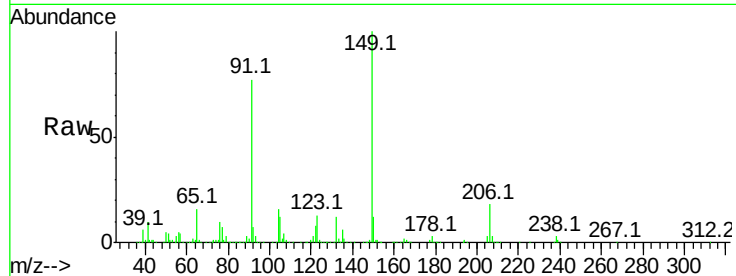
ClientSampleId :

BERKSHIRE-HOMESMSD

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

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#80

Benzo(a)anthracene

Concen: 42.01 ng

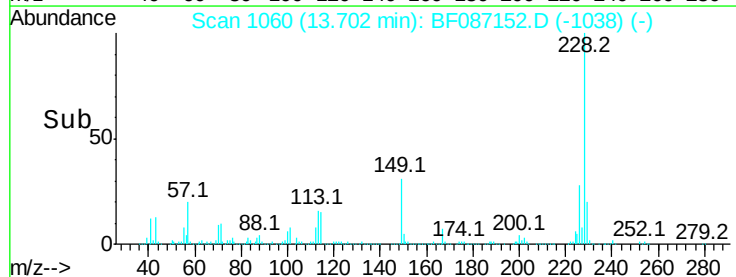
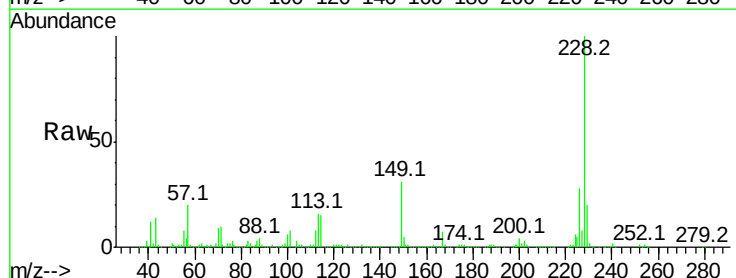
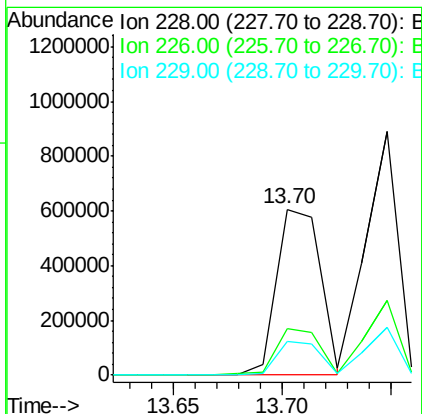
RT: 13.70 min Scan# 1060

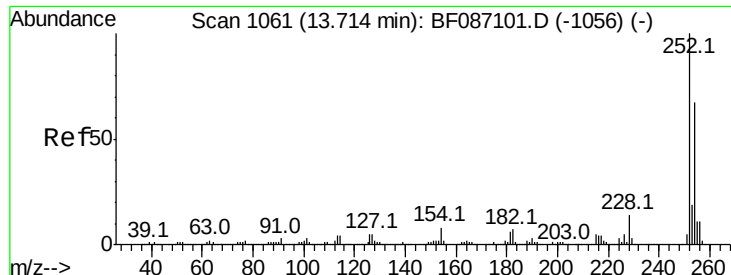
Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

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





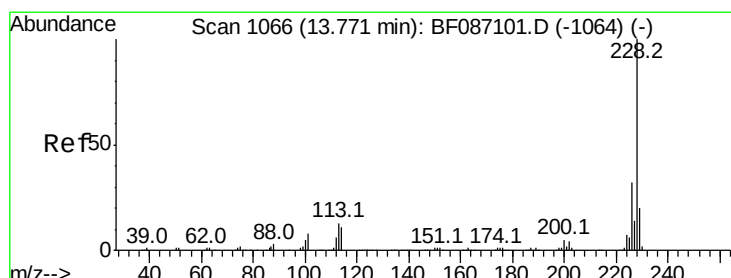
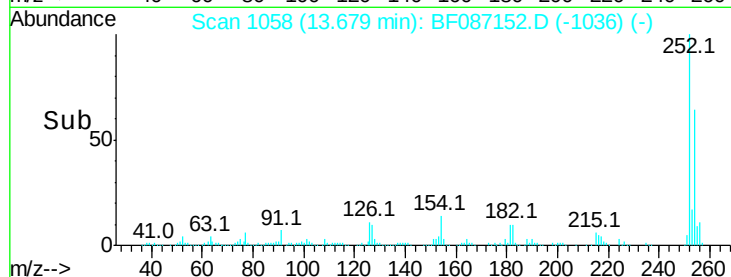
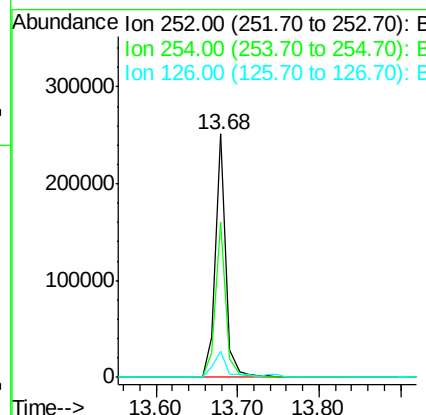
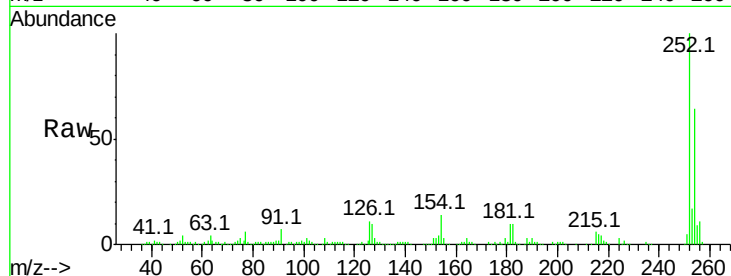
#81
 3,3'-Dichlorobenzidine
 Concen: 17.76 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

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

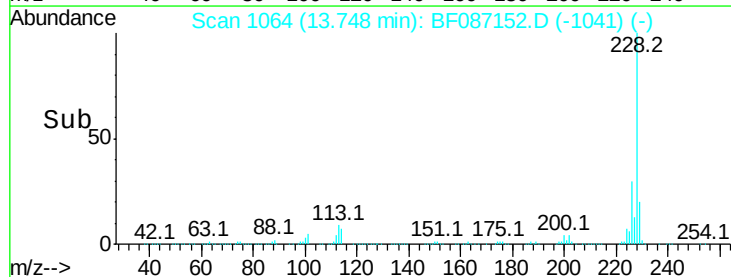
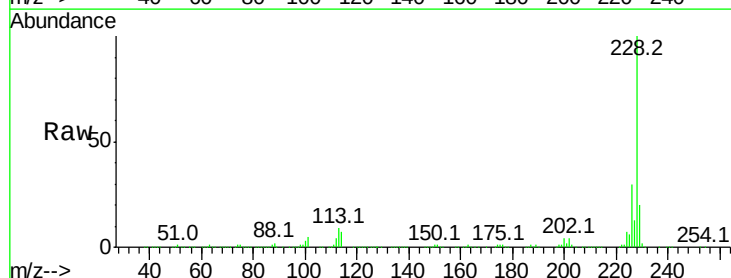
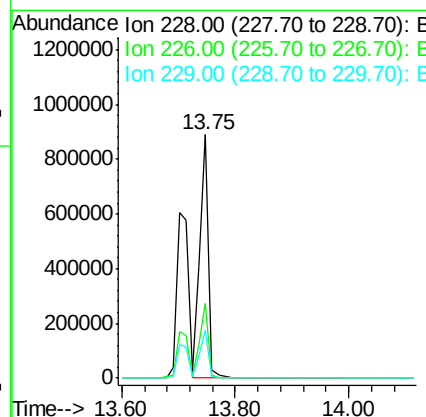
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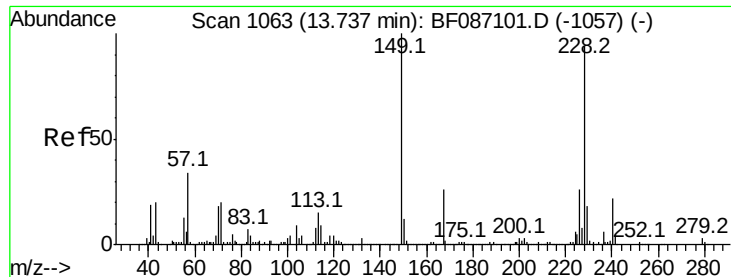
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#82
 Chrysene
 Concen: 47.32 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





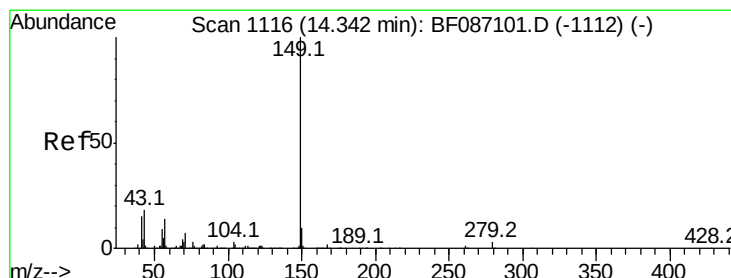
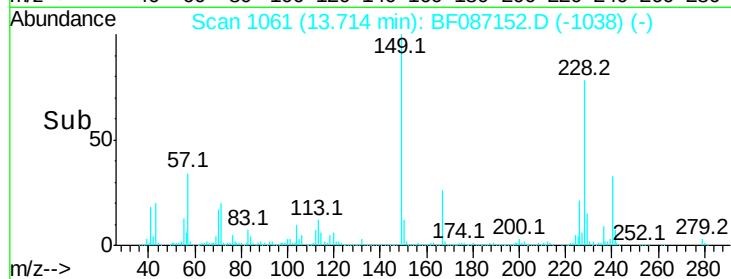
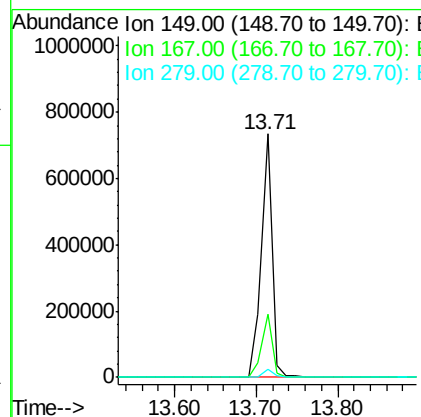
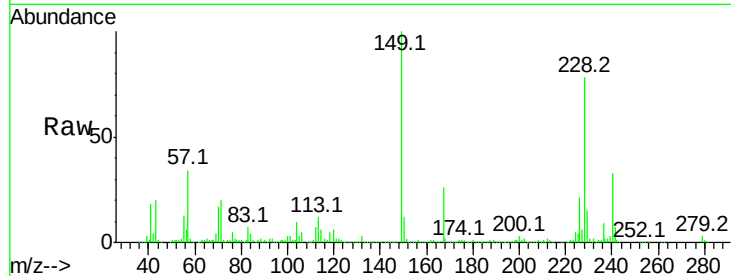
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.03 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

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

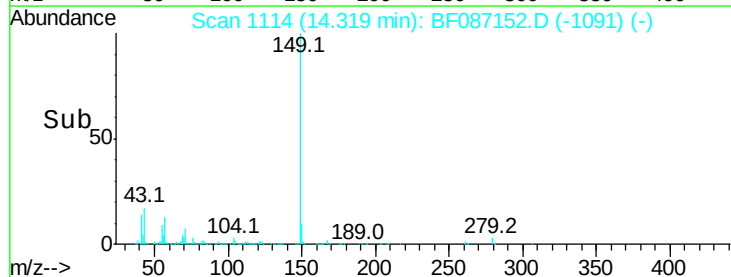
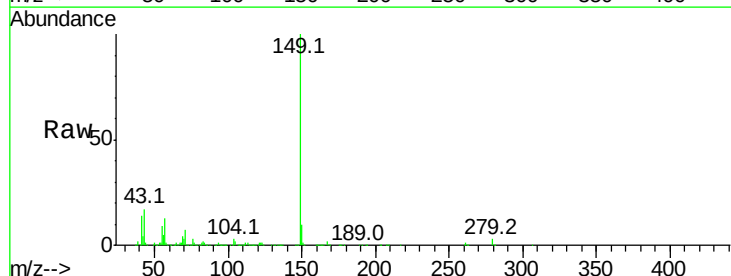
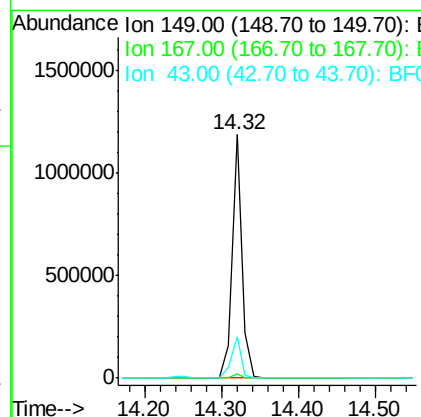
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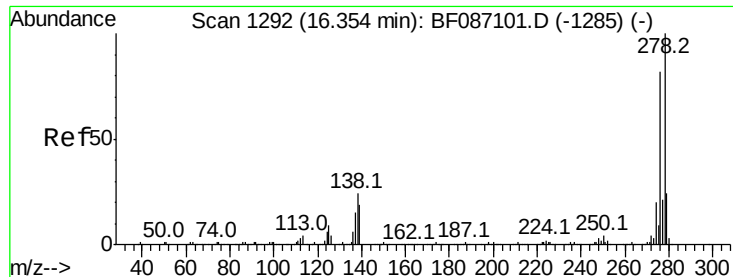
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#84
 Di-n-octyl phthalate
 Concen: 48.34 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





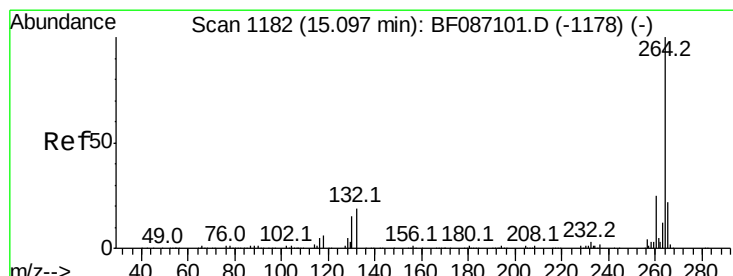
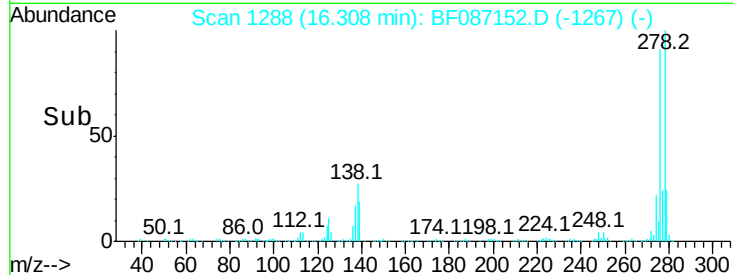
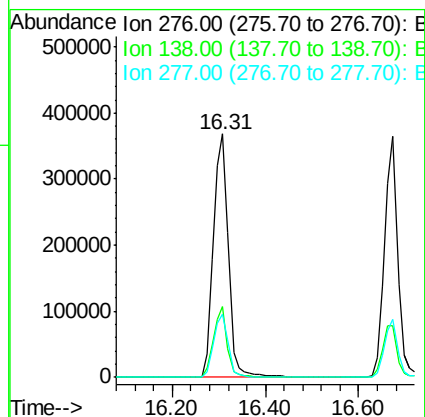
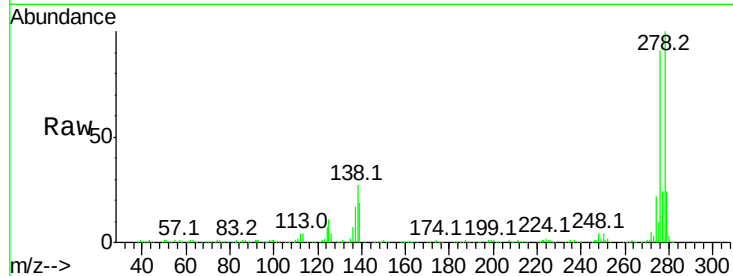
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.35 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

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

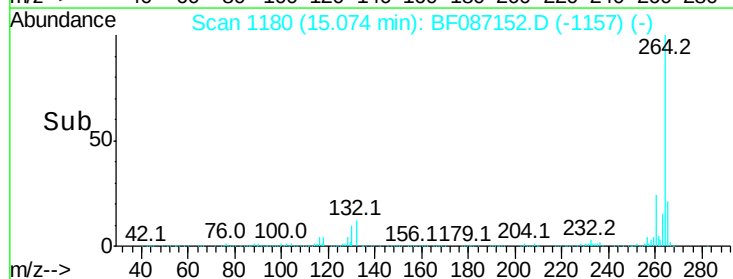
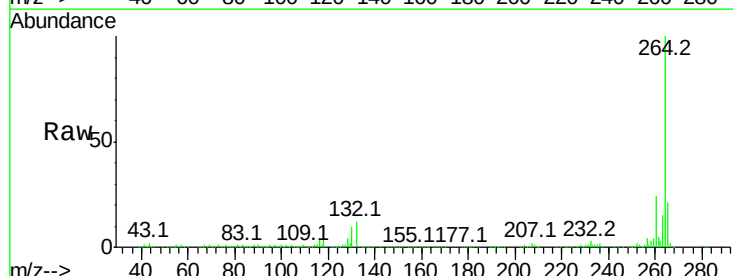
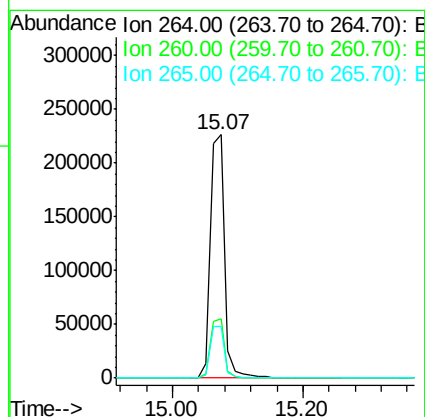
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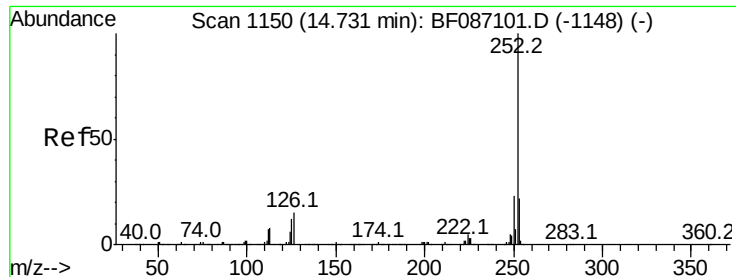
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

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





#87

Benzo(b)fluoranthene

Concen: 36.47 ng m

RT: 14.71 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Instrument :

BNA_F

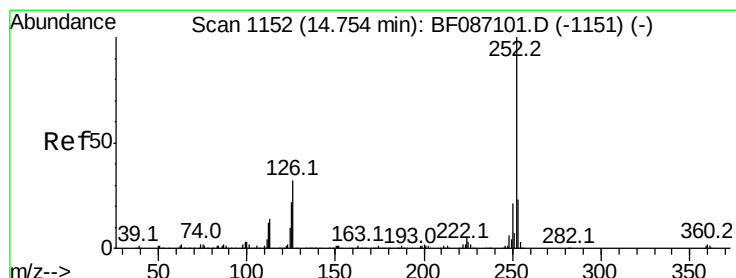
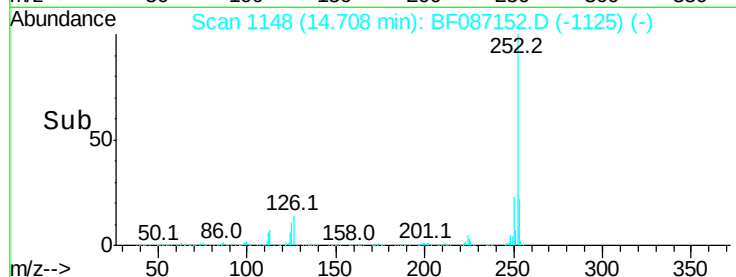
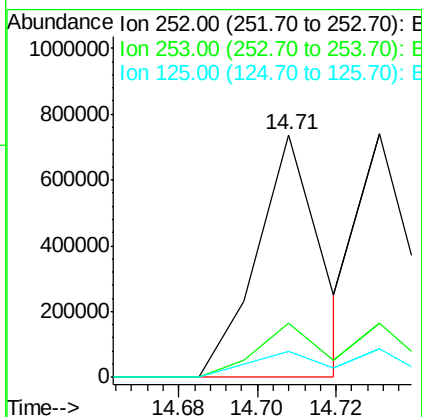
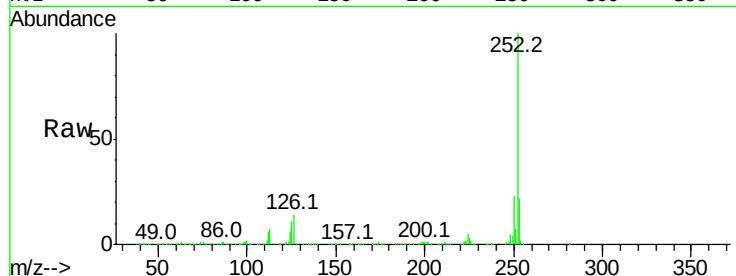
ClientSampleId :

BERKSHIRE-HOMESMSD

Tot Ion:	252	Resp:	834166
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	10.6	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 41.34 ng m

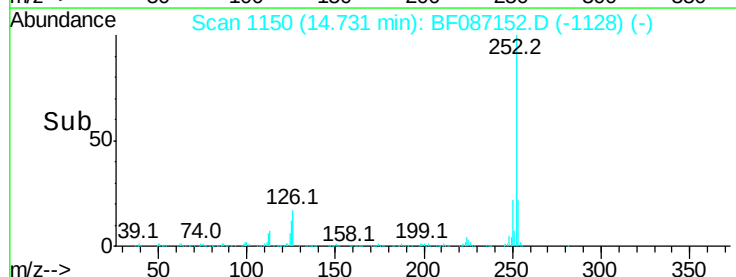
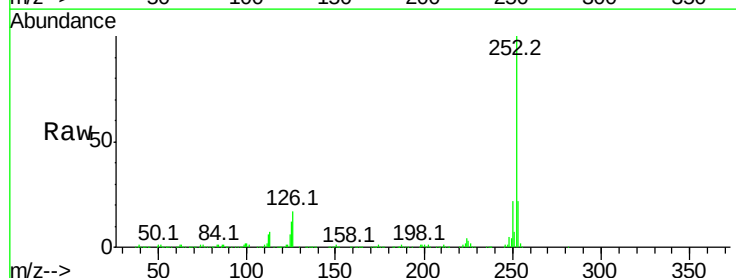
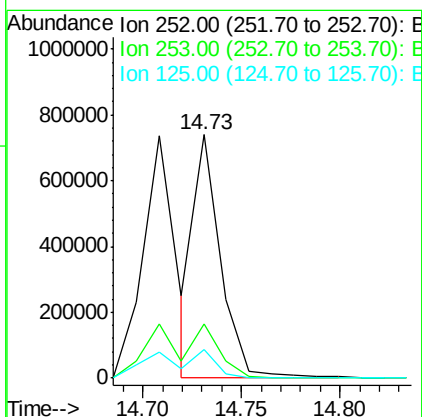
RT: 14.73 min Scan# 1150

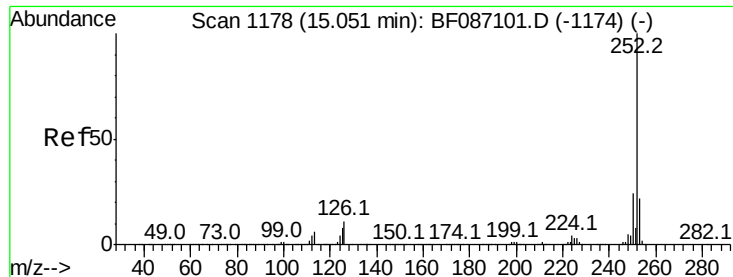
Delta R.T. -0.05 min

Lab File: BF087152.D

Acq: 18 May 2016 19:18

Tgt Ion:	252	Resp:	703888
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	11.8	9.1	13.7





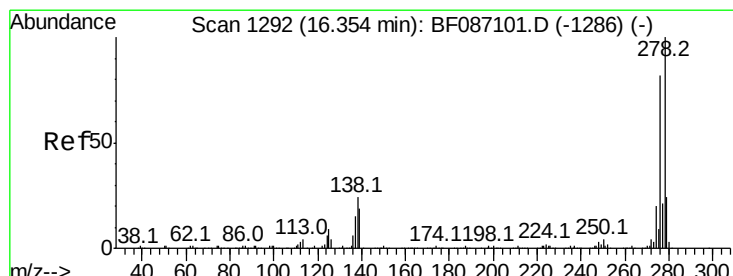
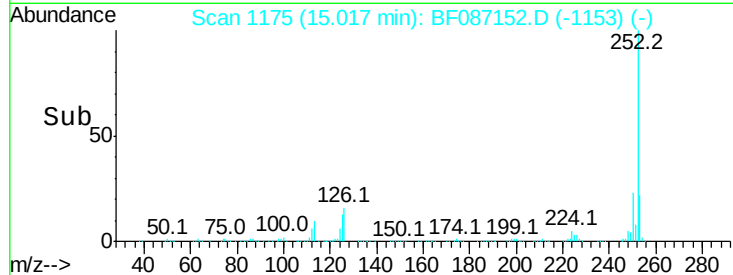
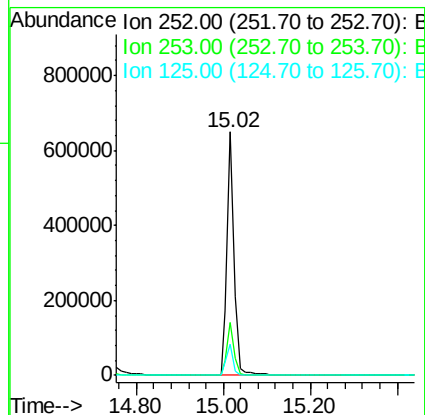
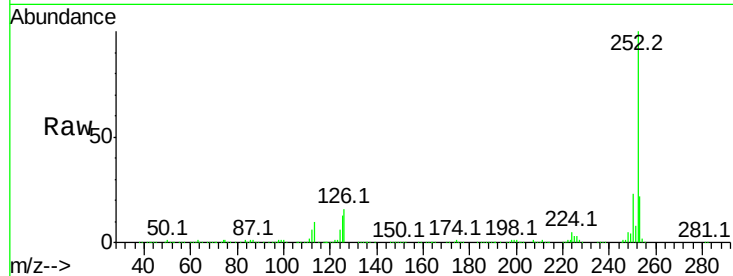
#89
Benzo(a)pyrene
Concen: 38.95 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMSD

Tot Ion:	252	Resp:	744787
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	12.6	9.0	13.6

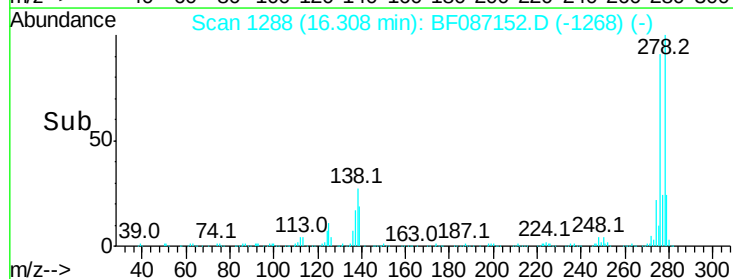
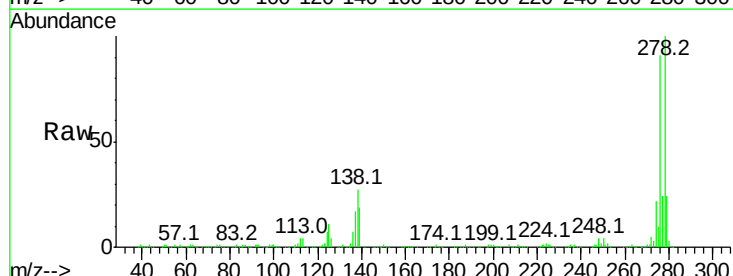
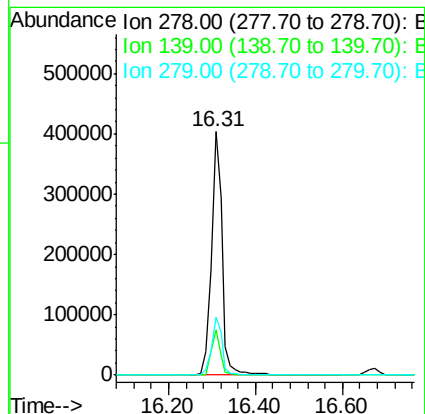
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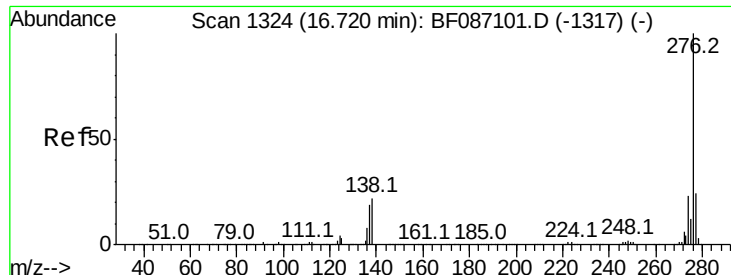
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#90
Dibenzo(a,h)anthracene
Concen: 43.47 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF087152.D
Acq: 18 May 2016 19:18

Tgt Ion:	278	Resp:	699754
Ion Ratio	Lower	Upper	
278	100		
139	18.8	16.6	24.8
279	24.0	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.00 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. -0.07 min
 Lab File: BF087152.D
 Acq: 18 May 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESMSD

Tot Ion:	276	Resp:	715317
Ion Ratio		Lower	Upper
276	100		
277	24.3	19.6	29.4
138	21.5	23.6	35.4

Manual Integrations
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