

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092042.D
 Acq On : 30 Dec 2016 12:57
 Operator : UM/SJ
 Sample : PB95699BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Manual Integrations
 APPROVED

mohammad
 1/3/2017 9:14:10 AM

Quant Time: Dec 30 15:50:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	153552	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	562628	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	376305	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	601484	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	445340	20.00	ng	-0.03
86) Perylene-d12	15.21	264	368548	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1577362	171.52	ng	-0.02
7) Phenol-d6	6.35	99	1763790	157.09	ng	-0.03
23) Nitrobenzene-d5	7.25	82	934027	92.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	391201	125.62	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1850375	103.57	ng	-0.03
78) Terphenyl-d14	12.78	244	1596403	86.94	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	189377	41.83	ng	# 92
3) Pyridine	2.90	79	650944	41.20	ng	95
4) n-Nitrosodimethylamine	2.85	42	296224	49.70	ng	97
6) Aniline	6.35	93	309054	21.19	ng	# 84
8) 2-Chlorophenol	6.48	128	505566	48.33	ng	93
9) Benzaldehyde	6.22	77	73565	8.83	ng	97
10) Phenol	6.36	94	676937	52.91	ng	79
11) bis(2-Chloroethyl)ether	6.43	93	601093	59.05	ng	93
12) 1,3-Dichlorobenzene	6.62	146	522547	46.79	ng	97
13) 1,4-Dichlorobenzene	6.70	146	491617m	43.25	ng	
14) 1,2-Dichlorobenzene	6.85	146	491821	49.87	ng	99
15) Benzyl Alcohol	6.84	79	422717	48.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	674611	44.50	ng	# 2
17) 2-Methylphenol	6.97	107	390479	46.41	ng	# 89
18) Hexachloroethane	7.20	117	181939	43.18	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	351627	47.07	ng	100
20) 3+4-Methylphenols	7.13	107	479846	47.82	ng	# 74
22) Acetophenone	7.10	105	705636	50.85	ng	# 89
24) Nitrobenzene	7.28	77	553674	51.38	ng	# 87
25) Isophorone	7.52	82	986290	52.83	ng	98
26) 2-Nitrophenol	7.58	139	237978	44.78	ng	93
27) 2,4-Dimethylphenol	7.64	122	384915	43.67	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	590987	52.21	ng	99
29) 2,4-Dichlorophenol	7.85	162	378129	50.66	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	427677	52.29	ng	97
31) Naphthalene	7.98	128	1292867	50.21	ng	99
32) Benzoic acid	7.78	122	196346	30.03	ng	99
33) 4-Chloroaniline	8.05	127	136546	11.76	ng	96
34) Hexachlorobutadiene	8.11	225	223230	51.71	ng	100
35) Caprolactam	8.43	113	144275	58.82	ng	91
36) 4-Chloro-3-methylphenol	8.56	107	421303	49.05	ng	98
37) 2-Methylnaphthalene	8.68	142	791519	55.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	441565	46.44	ng	99
40) Hexachlorocyclopentadiene	8.84	237	374513	88.03	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	288857	43.44	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	311920	45.58	nq	# 86
45) 1,1'-Biphenyl	9.15	154	1291258	50.12	nq	99
46) 2-Chloronaphthalene	9.17	162	973231	47.70	nq	98
47) 2-Nitroaniline	9.28	65	318181	43.80	nq	96
48) Acenaphthylene	9.58	152	1452215	46.28	nq	99
49) Dimethylphthalate	9.46	163	1069458	44.44	nq	99
50) 2,6-Dinitrotoluene	9.52	165	218554	41.49	nq	# 63
51) Acenaphthene	9.76	154	916922	43.10	nq	99
52) 3-Nitroaniline	9.69	138	141072	21.64	nq	86
53) 2,4-Dinitrophenol	9.80	184	103477	35.30	nq	96
54) Dibenzofuran	9.93	168	1255374	43.69	nq	99
55) 4-Nitrophenol	9.88	139	336753	76.08	nq	# 76
56) 2,4-Dinitrotoluene	9.93	165	305642	46.23	nq	91
57) Fluorene	10.27	166	1010416	48.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	255159	47.15	nq	99
59) Diethylphthalate	10.16	149	1088159	46.55	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	437301	47.78	nq	95
61) 4-Nitroaniline	10.30	138	258964	38.33	nq	90
62) Azobenzene	10.42	77	1202234	46.72	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	104152	28.64	nq	# 56
65) n-Nitrosodiphenylamine	10.38	169	834492	46.76	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	284591	45.48	nq	97
67) Hexachlorobenzene	10.82	284	326196	48.77	nq	# 93
68) Atrazine	10.92	200	300482	52.19	nq	96
69) Pentachlorophenol	11.01	266	266015	81.06	nq	98
70) Phenanthrene	11.23	178	1510875	46.32	nq	98
71) Anthracene	11.28	178	1482979	55.88	nq	99
72) Carbazole	11.44	167	1237493	47.01	nq	99
73) Di-n-butylphthalate	11.78	149	1785271	59.05	nq	# 97
74) Fluoranthene	12.41	202	1452244	51.29	nq	97
76) Benzidine	12.53	184	89791	4.70	nq	97
77) Pyrene	12.64	202	1564336	47.88	nq	99
79) Butylbenzylphthalate	13.26	149	694171	46.71	nq	96
80) Benzo(a)anthracene	13.82	228	1176853	46.82	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	235500	24.70	nq	# 96
82) Chrysene	13.86	228	1114562	44.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	859049	49.09	nq	99
84) Di-n-octyl phthalate	14.44	149	1499497	46.25	nq	98
85) Indeno(1,2,3-cd)pyrene	16.51	276	1015422	46.48	nq	99
87) Benzo(b)fluoranthene	14.83	252	1072416m	46.74	nq	
88) Benzo(k)fluoranthene	14.85	252	935089m	47.79	nq	
89) Benzo(a)pyrene	15.16	252	969061	47.58	nq	# 94
90) Dibenzo(a,h)anthracene	16.52	278	832132	49.71	nq	99
91) Benzo(g,h,i)perylene	16.90	276	871620	50.08	nq	98

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

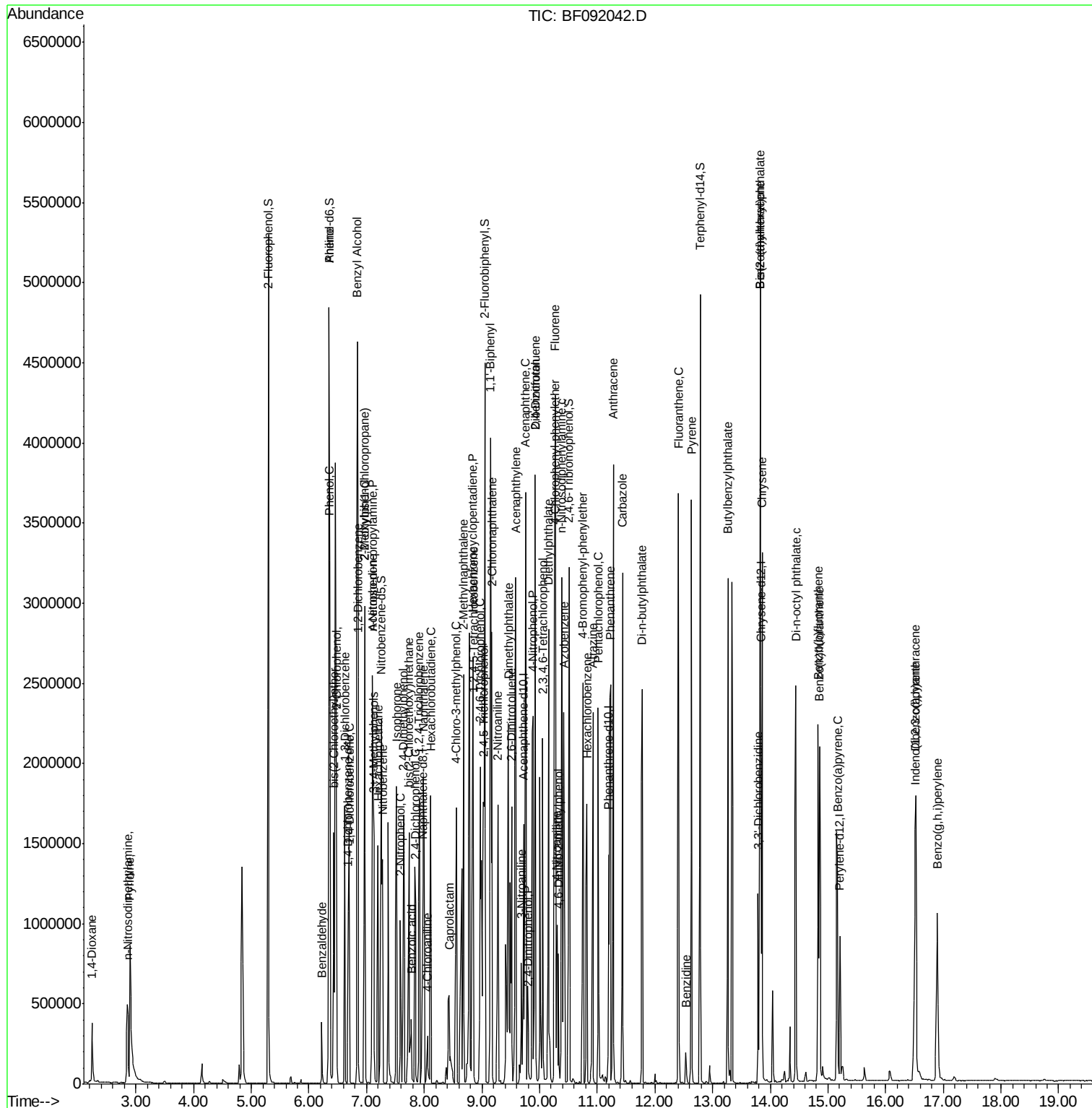
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Operator  : UM/SJ  
Sample    : PB95699BS  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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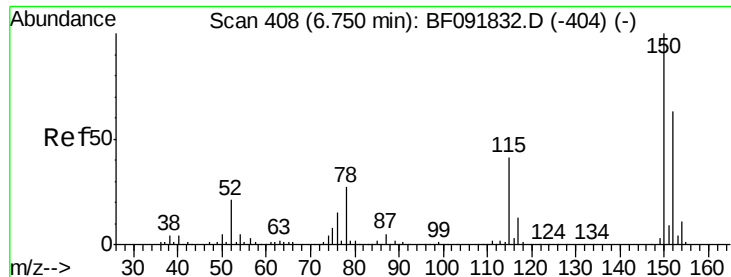
Instrument :
BNA_F
ClientSampleId :
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#1

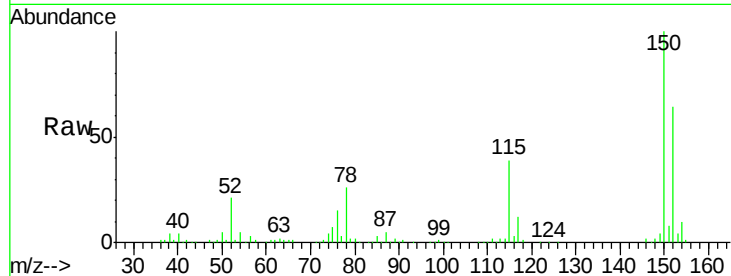
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

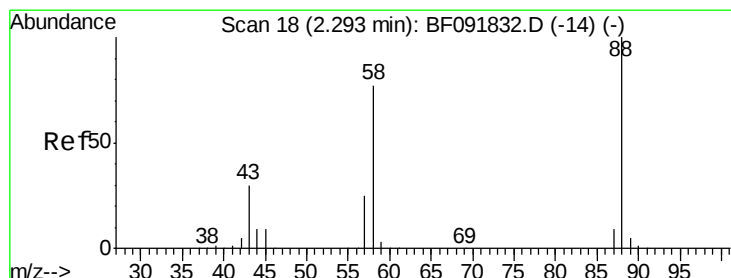
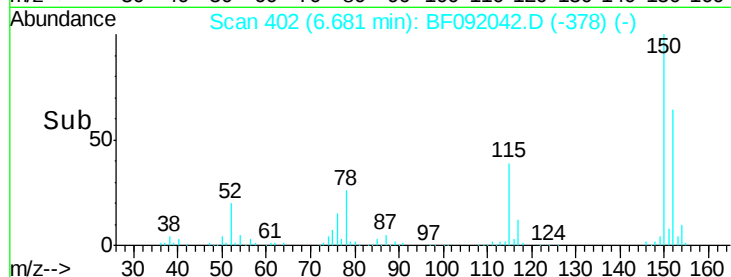
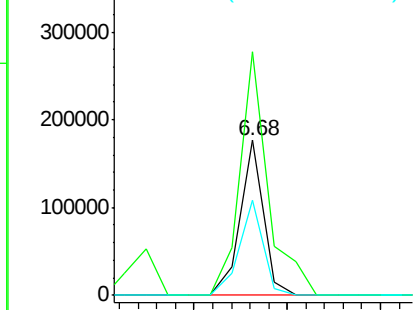
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	61.4	46.0	69.0

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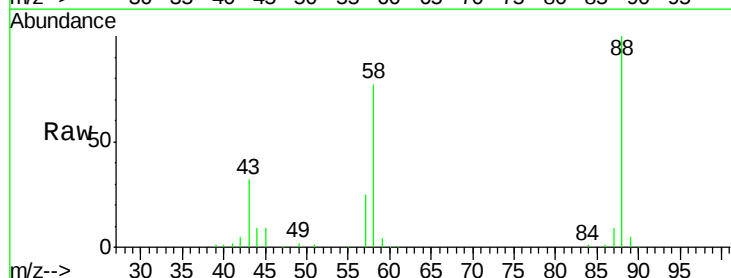
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



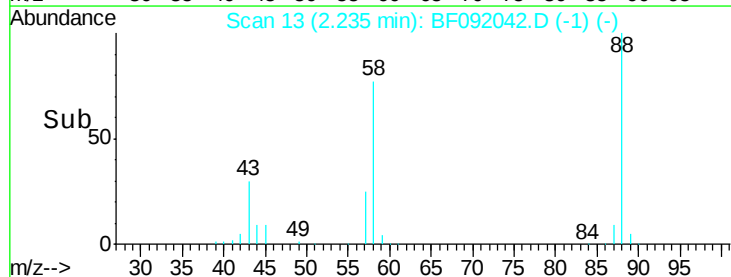
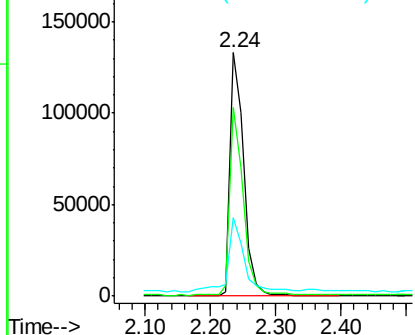
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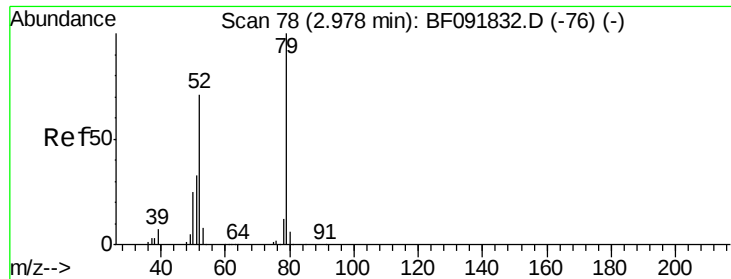
1,4-Dioxane
Concen: 41.83 ng
RT: 2.24 min Scan# 13
Delta R.T. 0.05 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.0	57.8	86.8
43	36.8	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.20 ng

RT: 2.90 min Scan# 71

Delta R.T. 0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

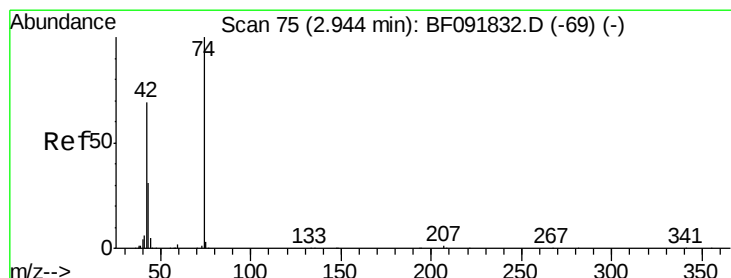
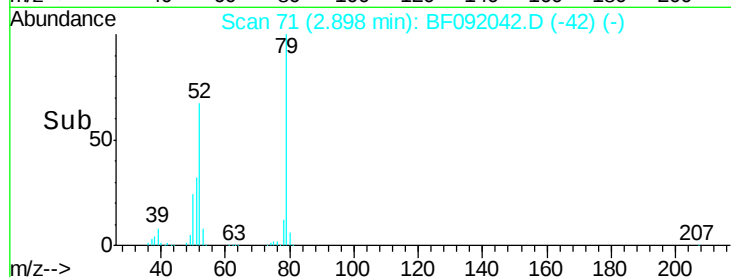
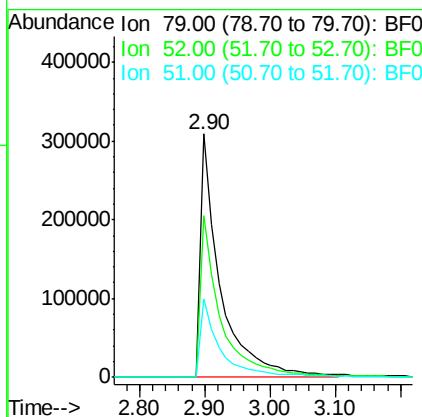
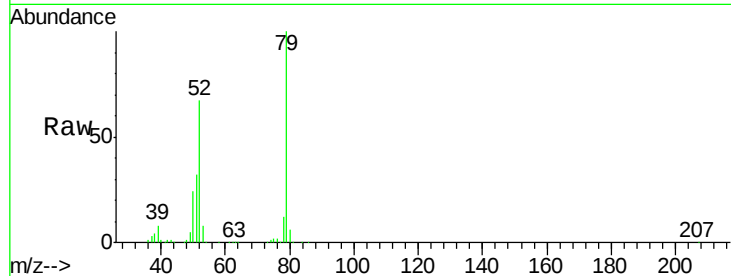
ClientSampleId :

PB95699BS

Tot Ion:	79	Resp:	650944
Ion Ratio	Lower	Upper	
79	100		
52	66.5	57.1	85.7
51	32.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 49.70 ng

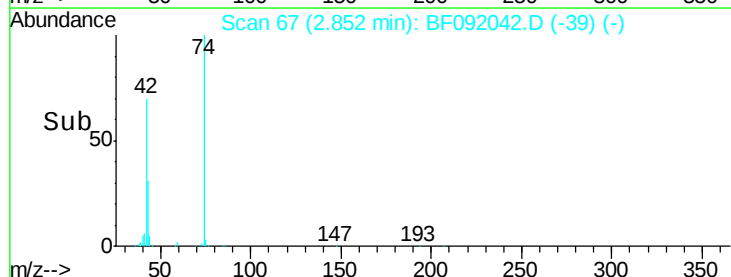
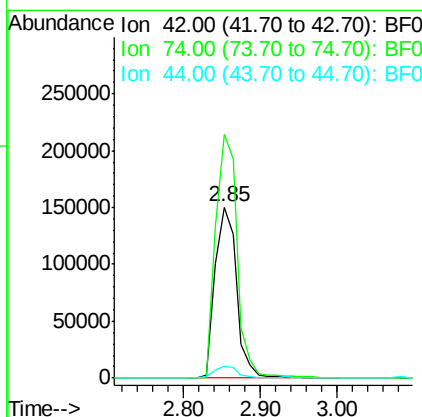
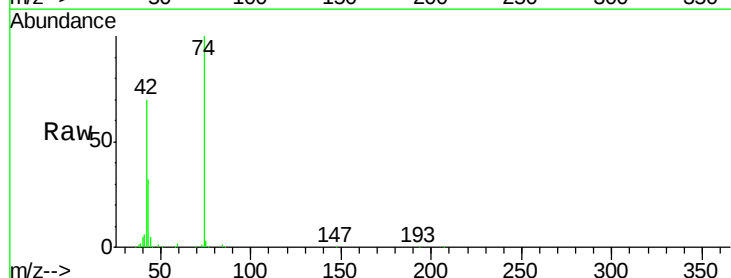
RT: 2.85 min Scan# 67

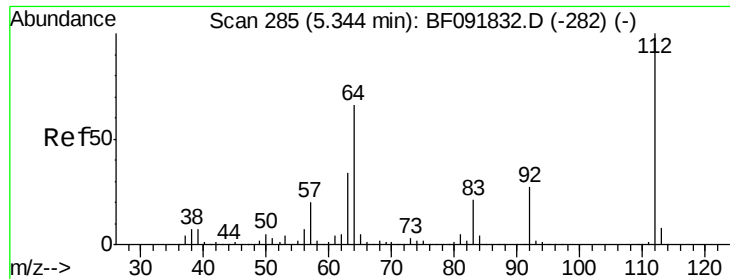
Delta R.T. 0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:	42	Resp:	296224
Ion Ratio	Lower	Upper	
42	100		
74	142.2	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 171.52 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

ClientSampleId :

PB95699BS

Tot Ion: 112 Resp: 1577362

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

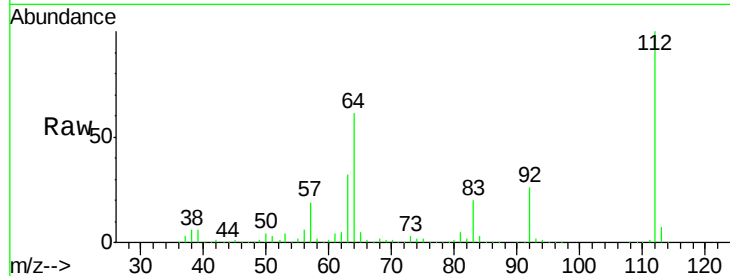
63 31.8 23.8 35.6

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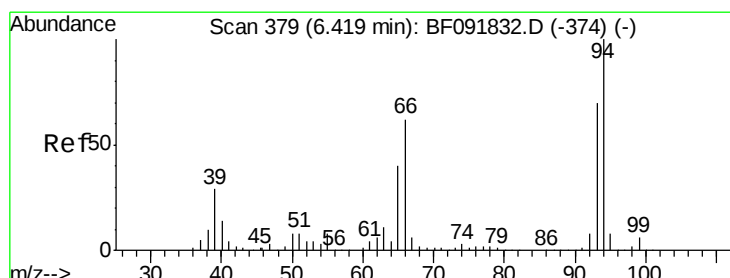
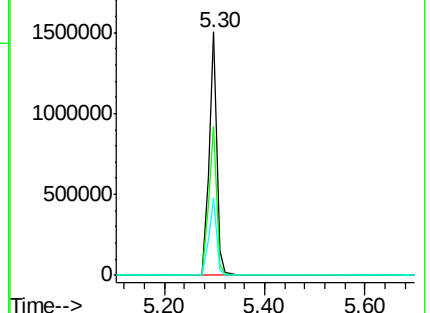
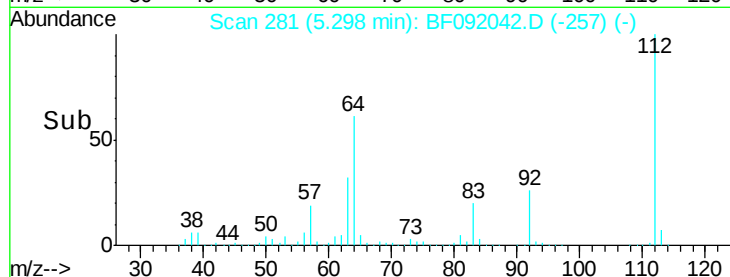
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.19 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

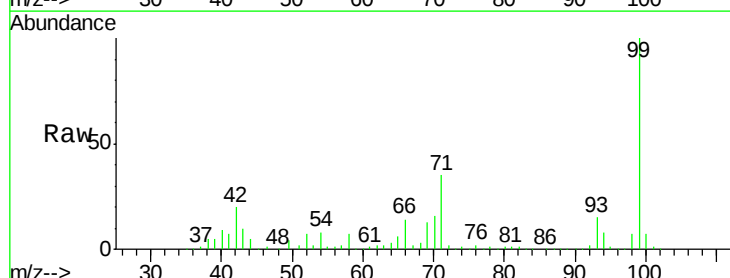
Tgt Ion: 93 Resp: 309054

Ion Ratio Lower Upper

93 100

66 88.0 76.2 114.2

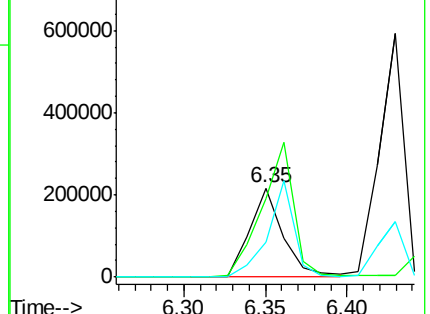
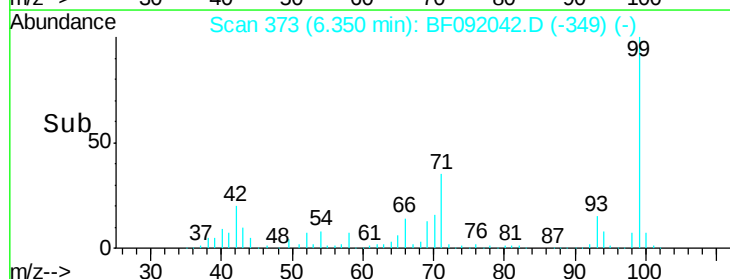
65 40.0 49.3 73.9#

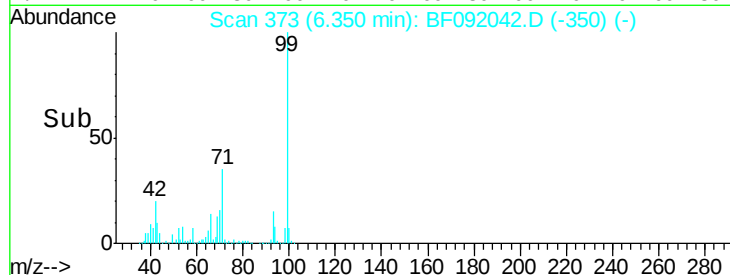
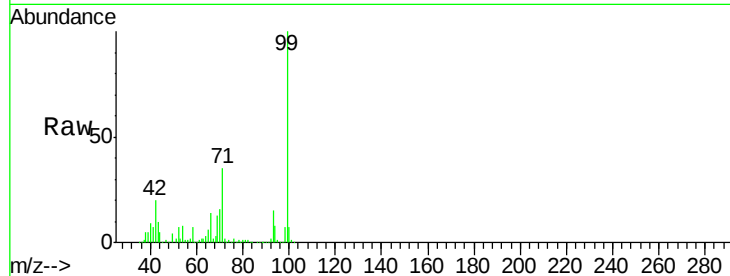


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 157.09 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tot Ion: 99 Resp: 1763790

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 34.8 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

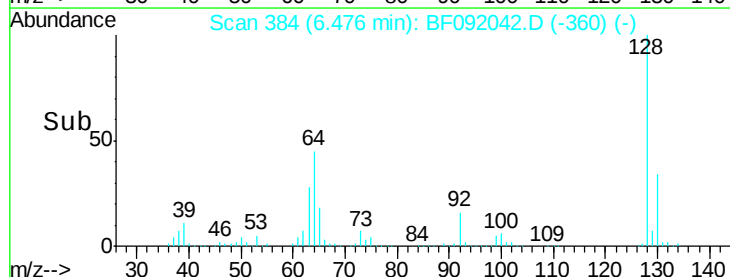
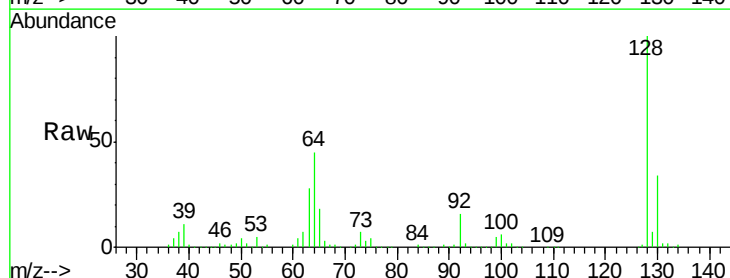
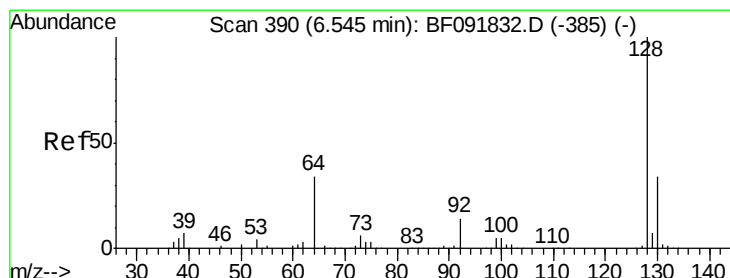
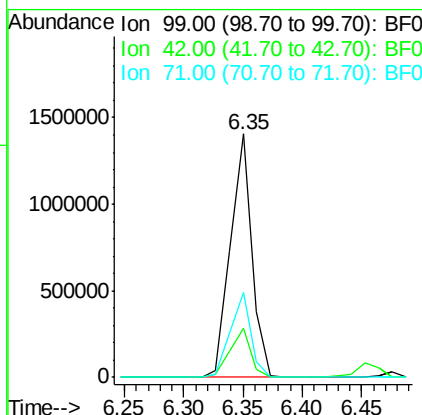
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#8

2-Chlorophenol

Concen: 48.33 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

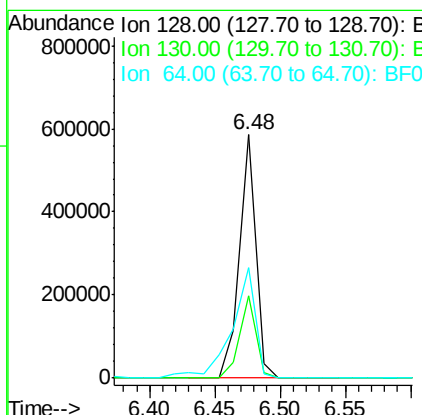
Tgt Ion:128 Resp: 505566

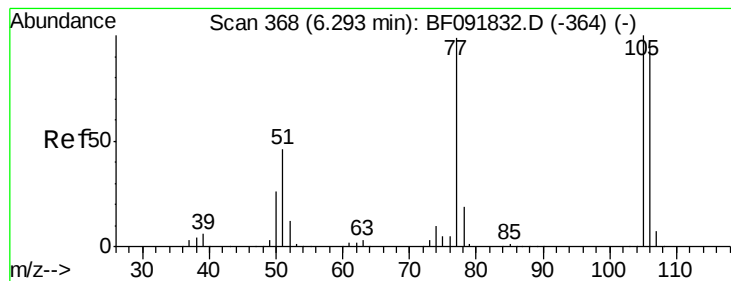
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 45.2 32.2 72.2





#9

Benzaldehyde

Concen: 8.83 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

ClientSampleId :

PB95699BS

Tot Ion: 77 Resp: 73565

Ion Ratio Lower Upper

77 100

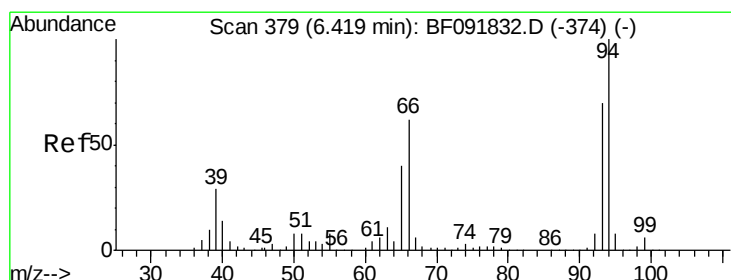
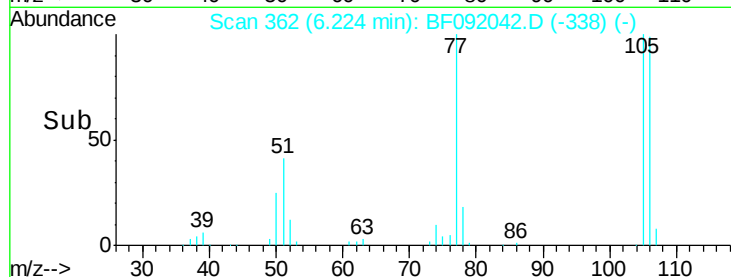
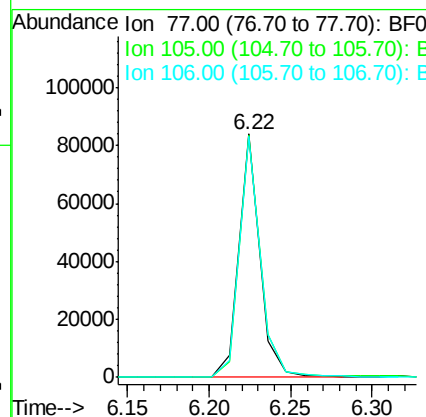
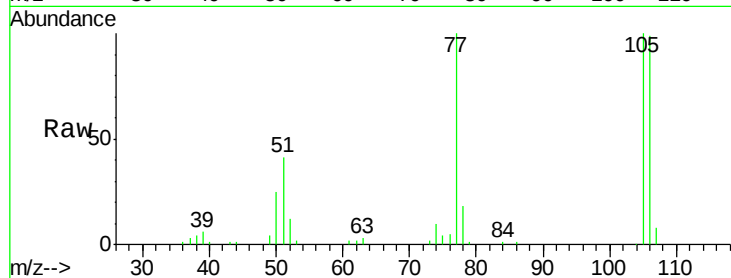
105 99.7 83.9 123.9

106 98.9 77.6 117.6

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#10

Phenol

Concen: 52.91 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

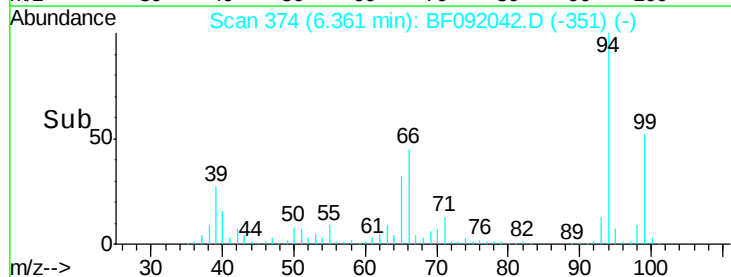
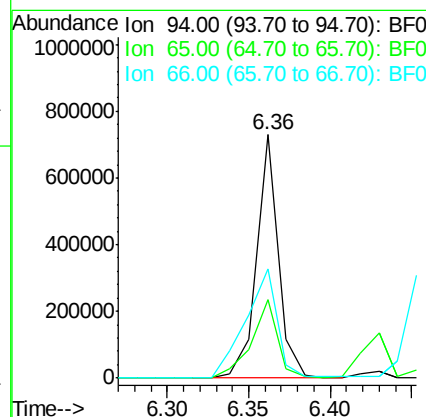
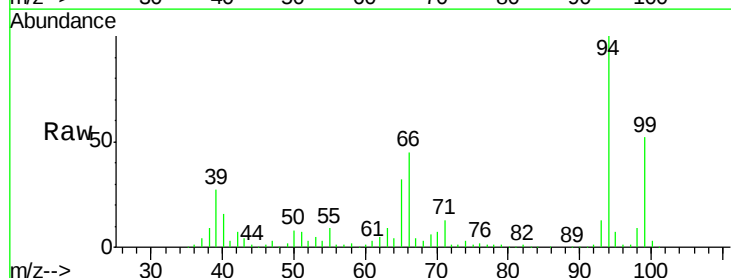
Tgt Ion: 94 Resp: 676937

Ion Ratio Lower Upper

94 100

65 32.3 21.4 61.4

66 44.9 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 59.05 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

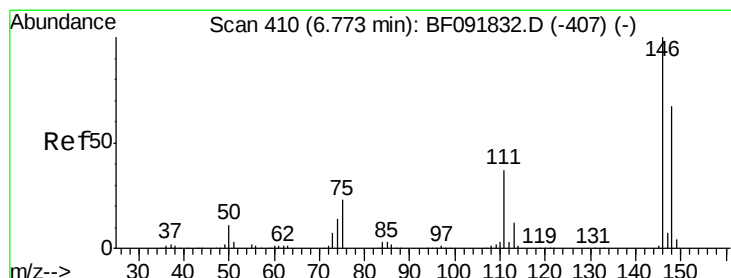
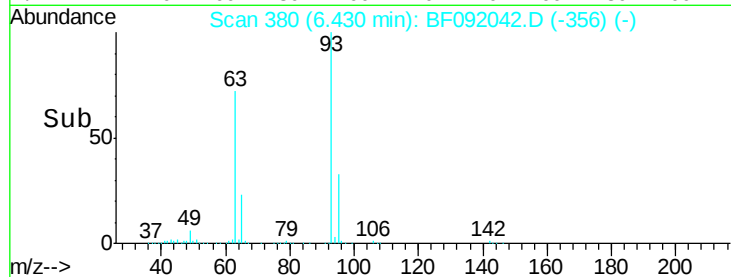
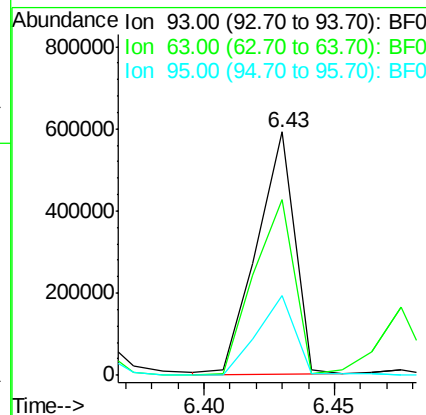
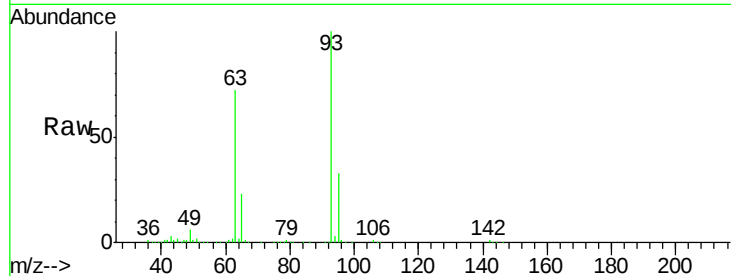
ClientSampleId :

PB95699BS

Tot Ion:	93	Resp:	601093
Ion	Ratio	Lower	Upper
93	100		
63	72.0	60.4	100.4
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 46.79 ng

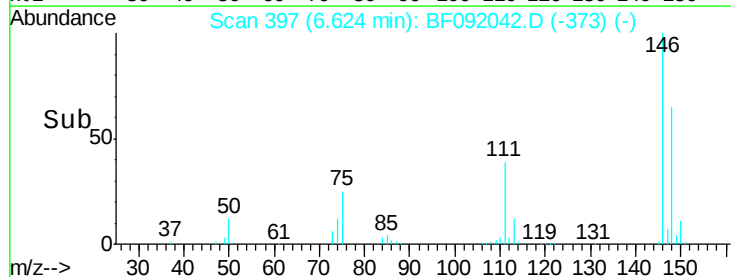
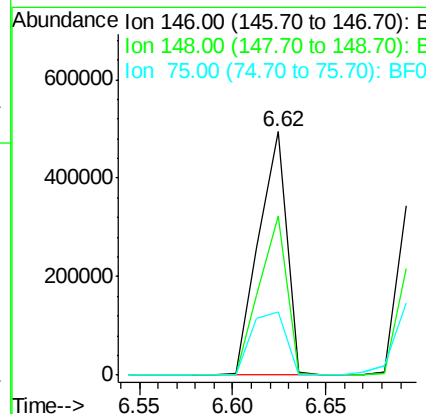
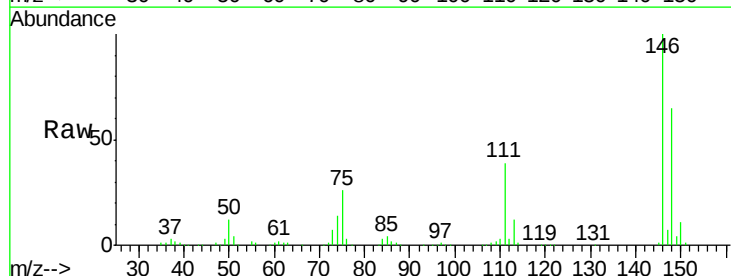
RT: 6.62 min Scan# 397

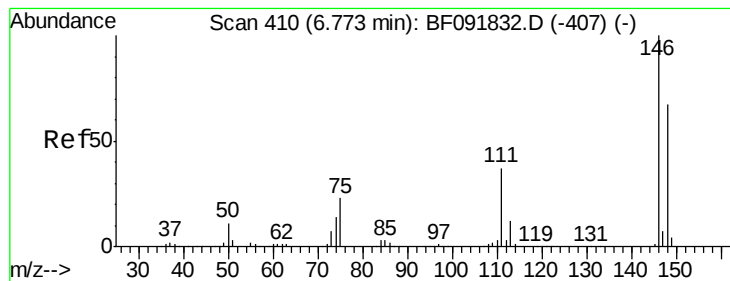
Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:	146	Resp:	522547
Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.4	80.0
75	25.9	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 43.25 ng/mL

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

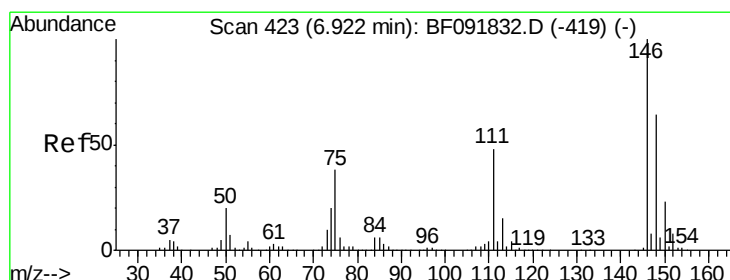
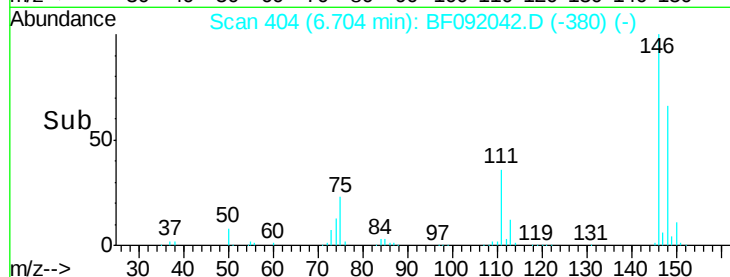
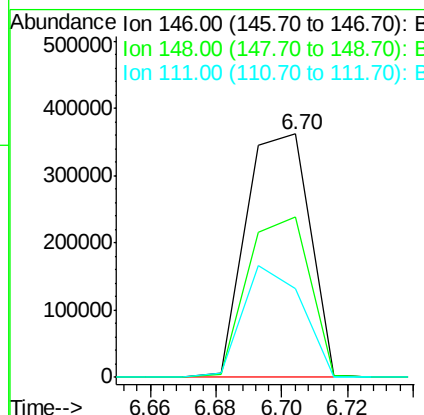
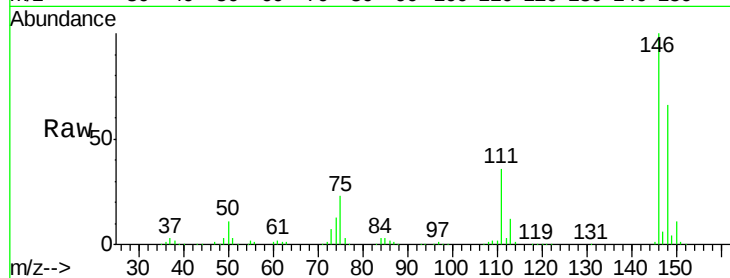
ClientSampleId :

PB95699BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.6	76.0
111	36.2	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 49.87 ng/mL

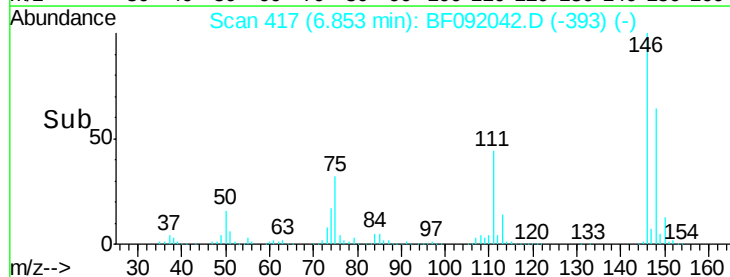
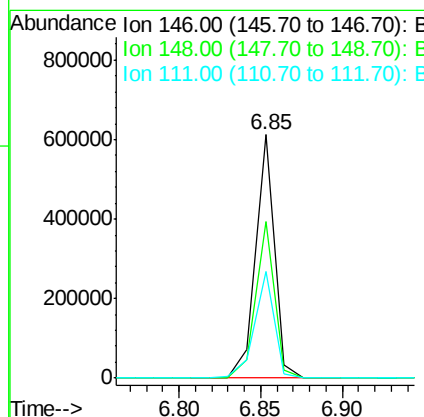
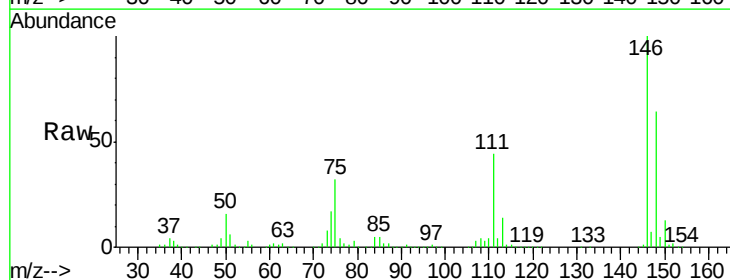
RT: 6.85 min Scan# 417

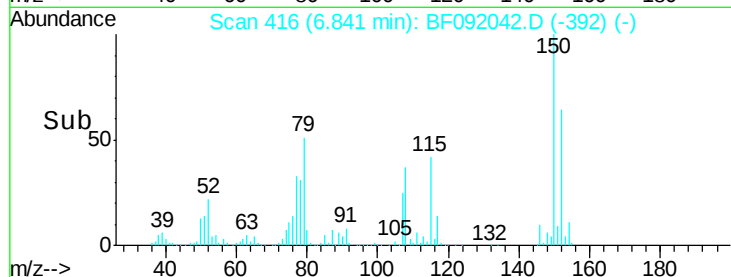
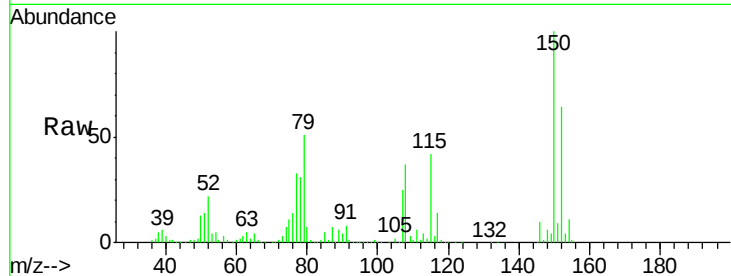
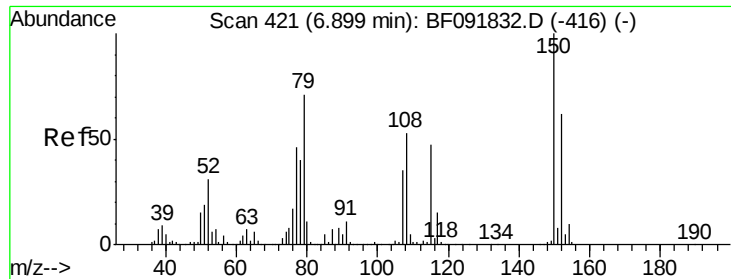
Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.9	36.2	54.2





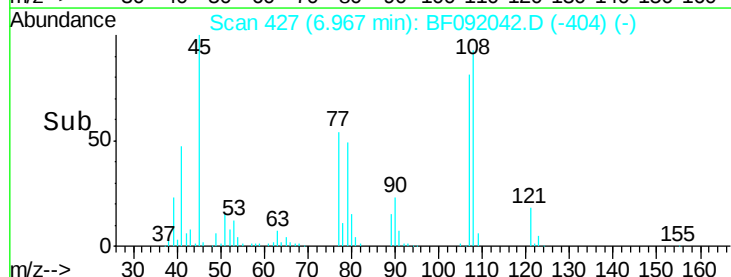
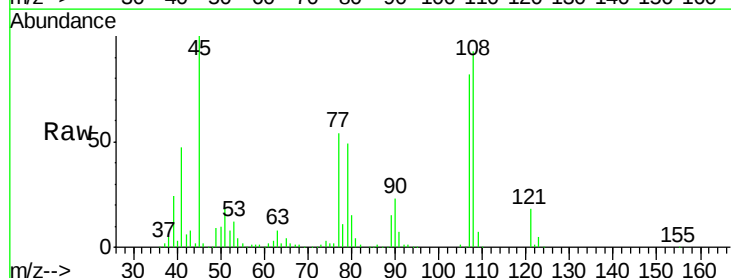
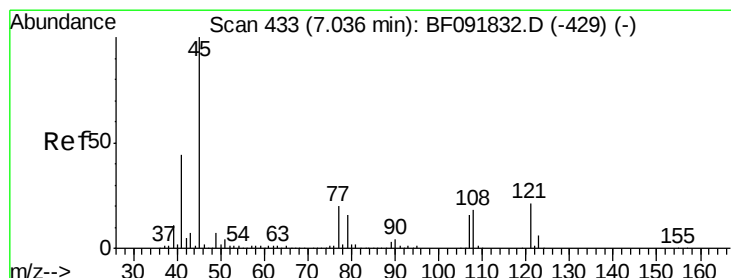
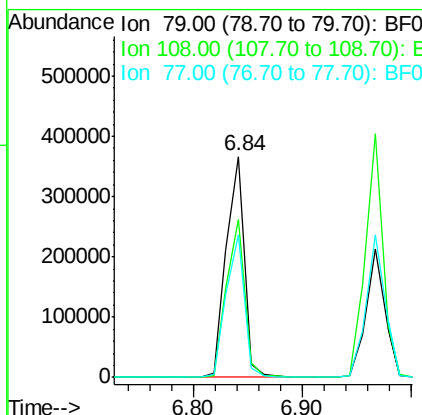
#15
Benzyl Alcohol
Concen: 48.45 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	71.7	61.4	92.0		
77	64.5	50.9	76.3		

Instrument :
BNA_F
ClientSampleID :
PB95699BS

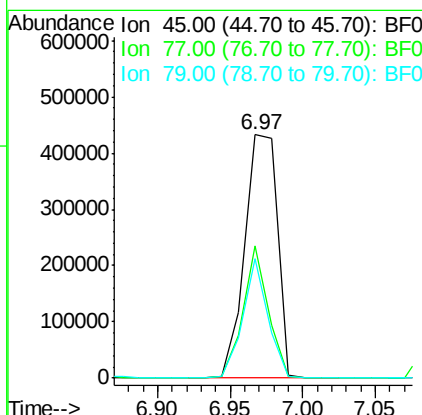
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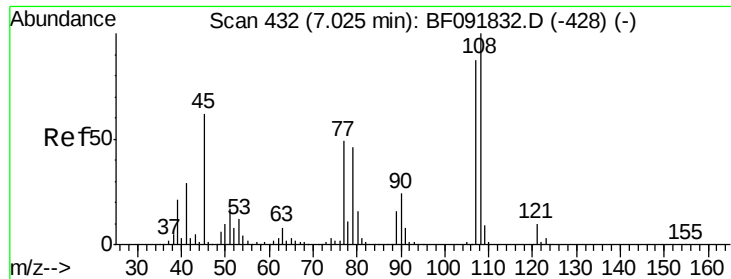
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.50 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	54.4	0.0	34.6#		
79	49.0	0.0	31.2#		





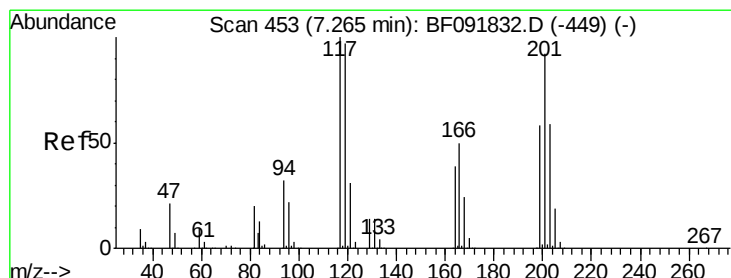
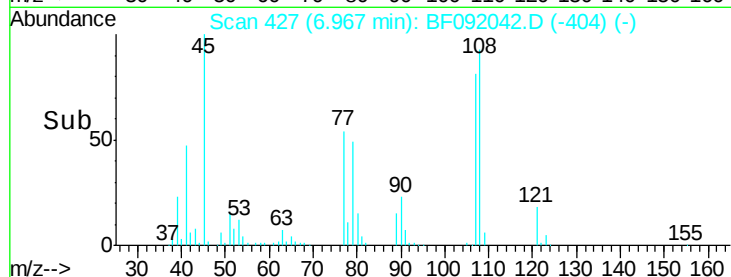
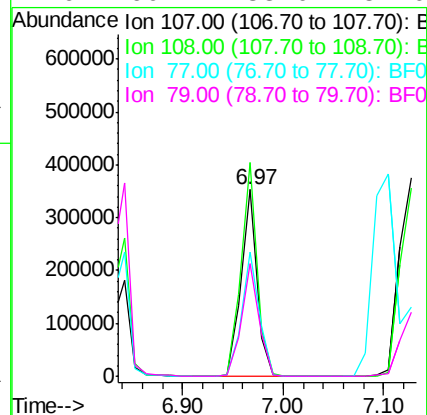
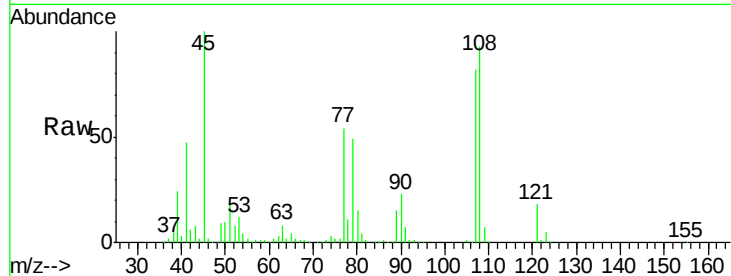
#17
2-Methylphenol
Concen: 46.41 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	93.0	139.6	
77	66.8	39.8	59.8	
79	60.1	38.0	57.0	

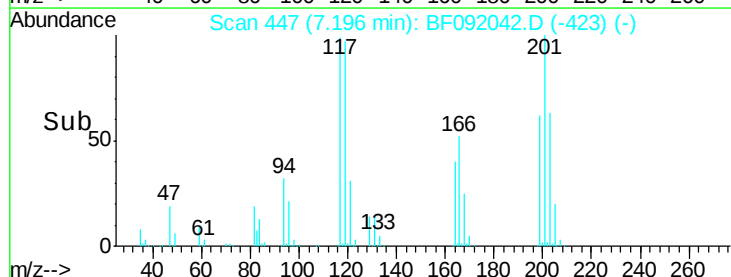
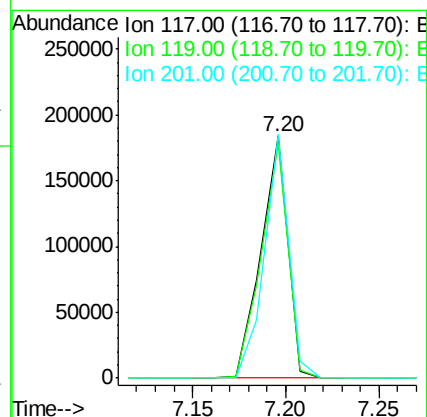
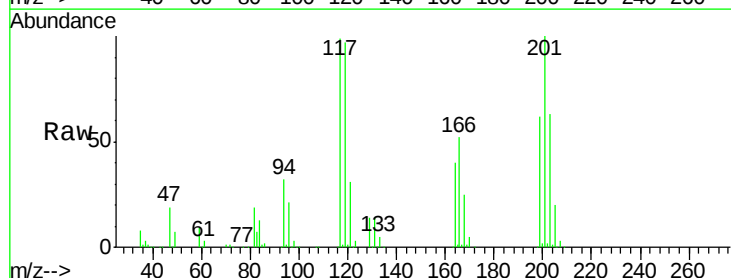
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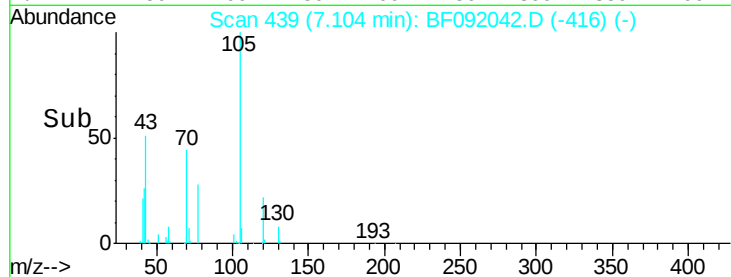
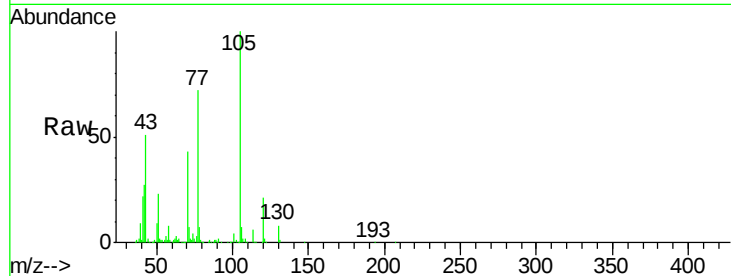
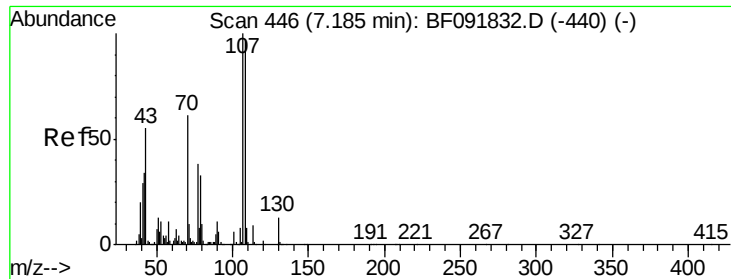
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#18
Hexachloroethane
Concen: 43.18 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	78.1	117.1	
201	100.5	78.6	117.8	





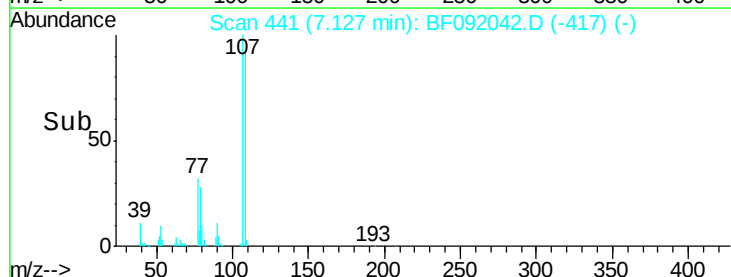
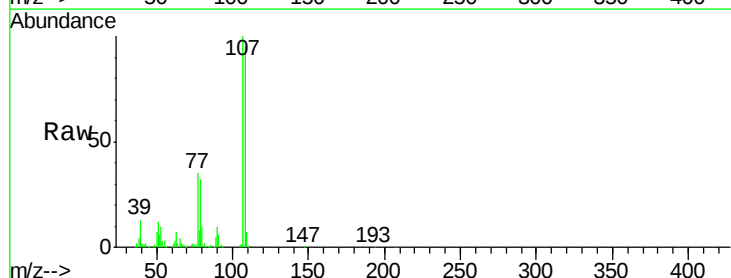
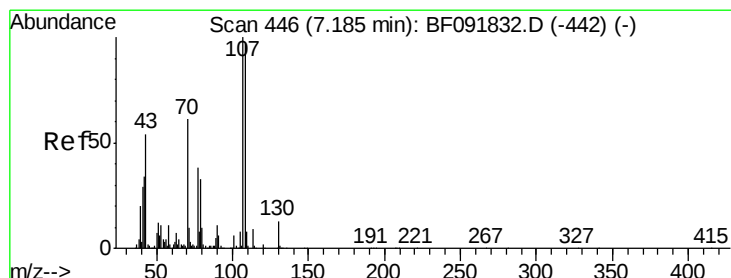
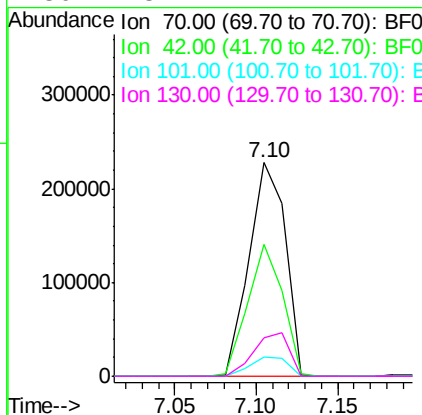
#19
n-Nitroso-di-n-propylamine
Concen: 47.07 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.9	49.4	74.0		
101	8.9	7.4	11.2		
130	18.1	14.2	21.4		

Instrument :
BNA_F
ClientSampleId :
PB95699BS

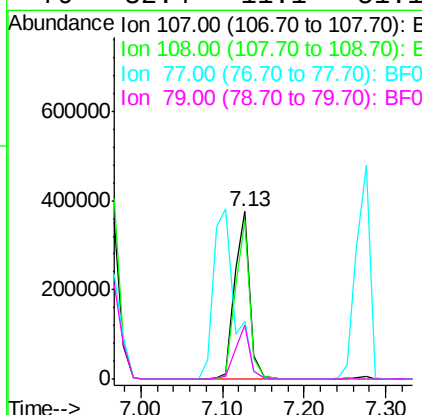
Manual Integrations
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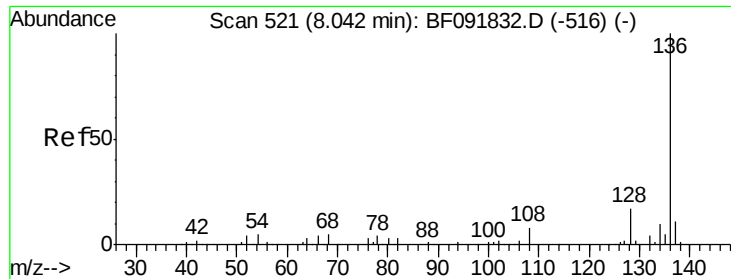
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#20
3+4-Methylphenols
Concen: 47.82 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.9	73.0	113.0		
77	34.8	71.3	111.3#		
79	32.4	11.1	51.1		





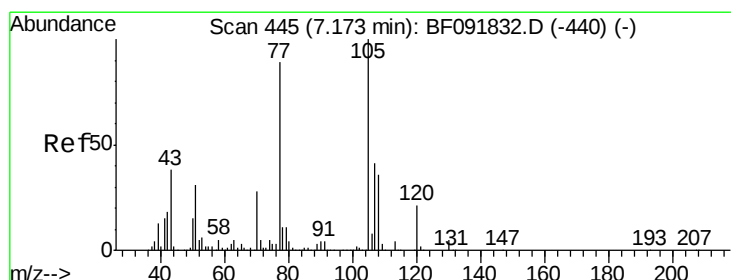
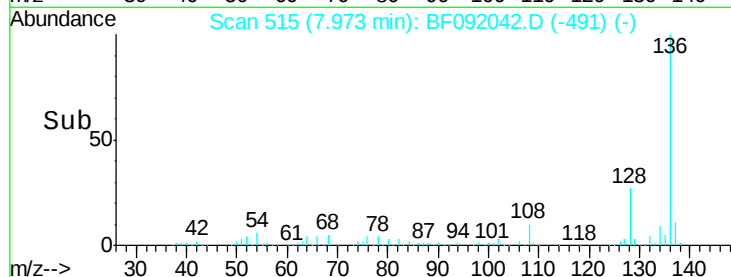
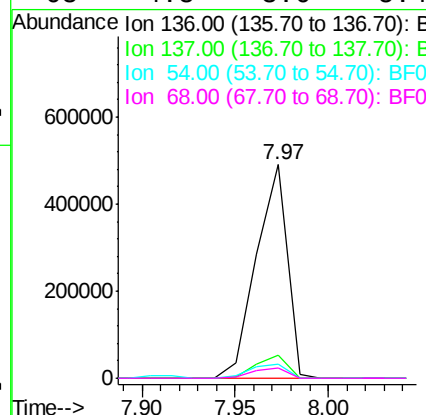
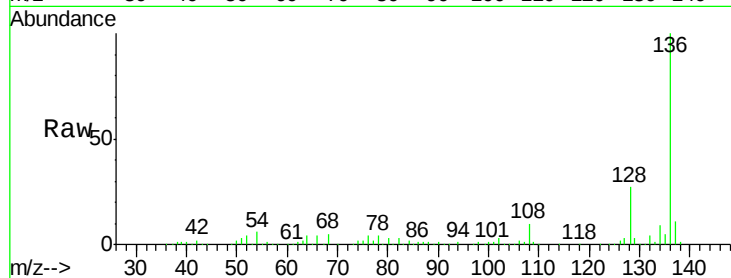
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.4	4.5	6.7
68	4.8	3.6	5.4

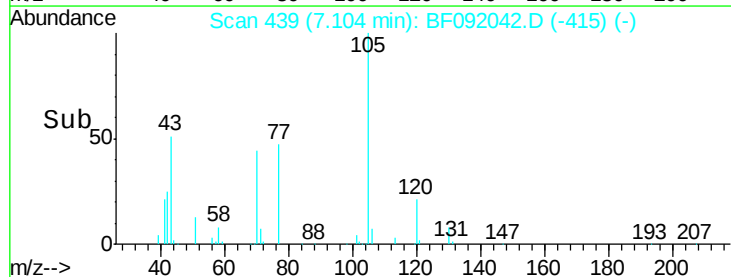
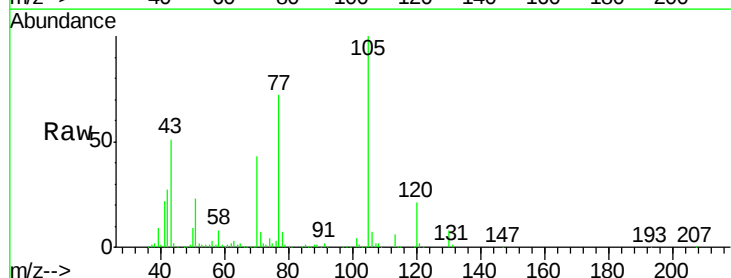
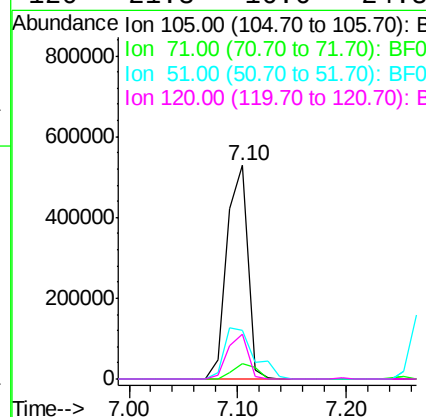
Manual Integrations
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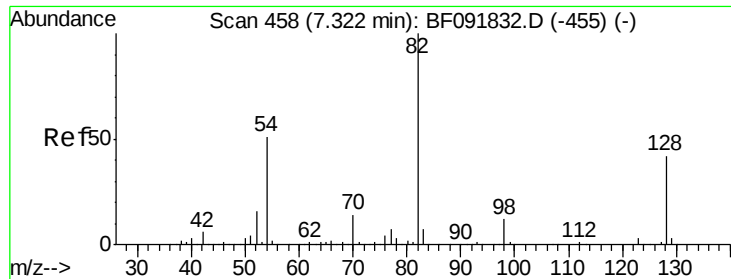
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#22
Acetophenone
Concen: 50.85 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.1	3.2	4.8#
51	23.1	26.2	39.4#
120	21.3	16.6	24.8





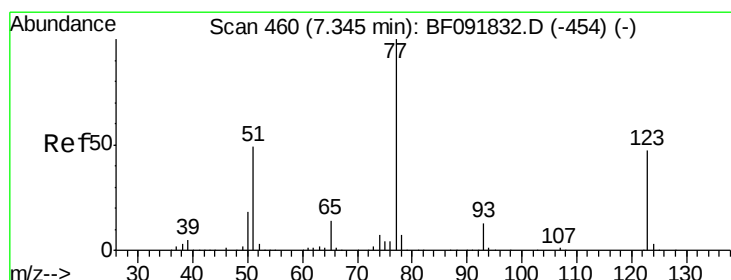
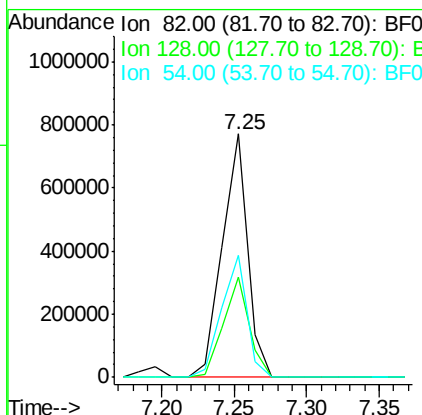
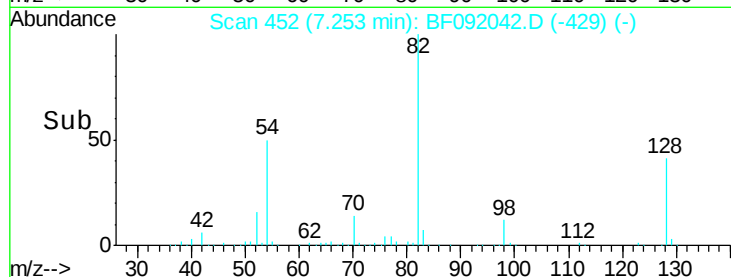
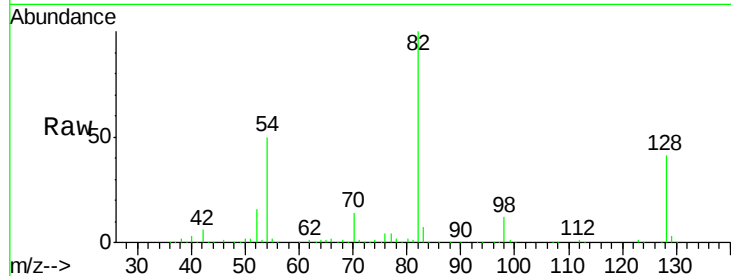
#23
 Nitrobenzene-d5
 Concen: 92.31 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleID :
 PB95699BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	50.3	39.5	59.3

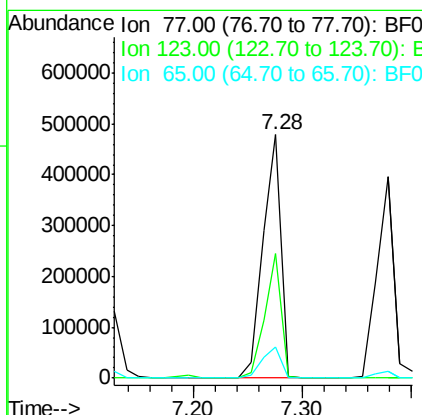
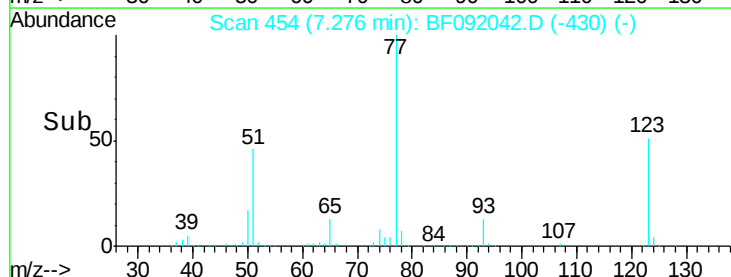
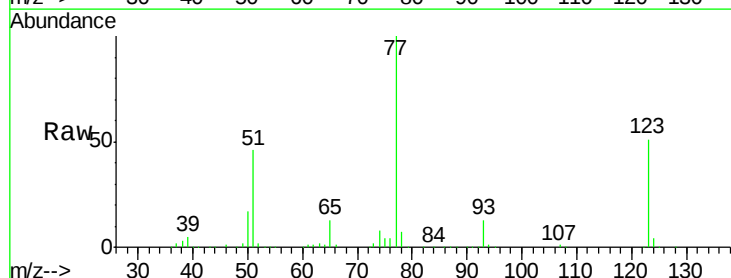
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#24
 Nitrobenzene
 Concen: 51.38 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	33.0	49.4#
65	12.6	11.2	16.8





#25

Isophorone

Concen: 52.83 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

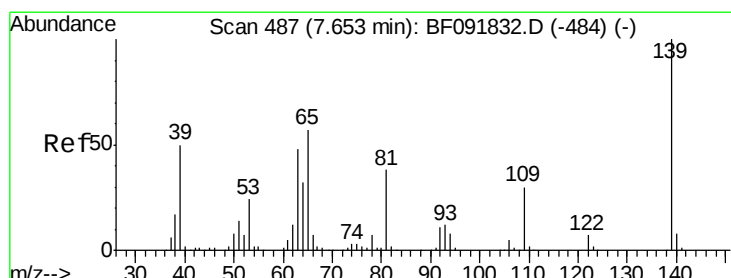
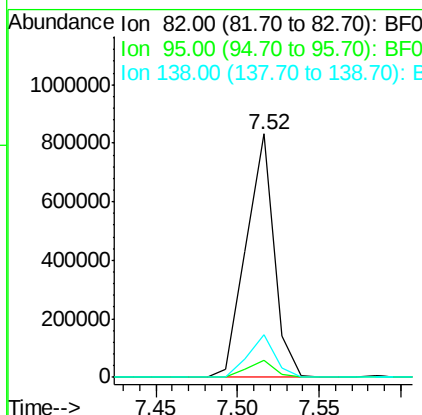
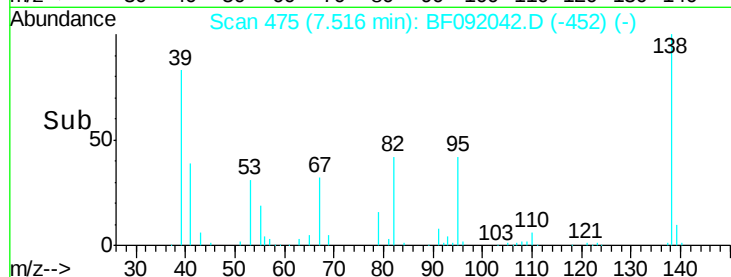
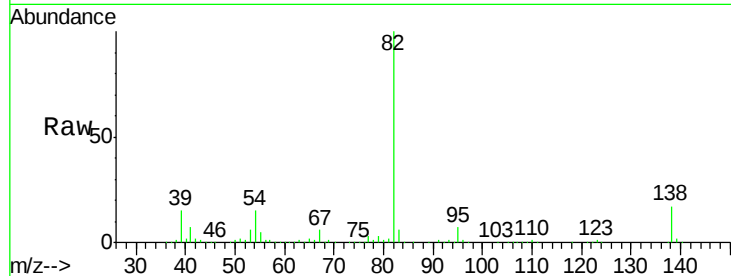
ClientSampleId :

PB95699BS

Tot Ion:	82	Resp:	986290
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.6	8.4
138	17.5	14.6	22.0

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#26

2-Nitrophenol

Concen: 44.78 ng

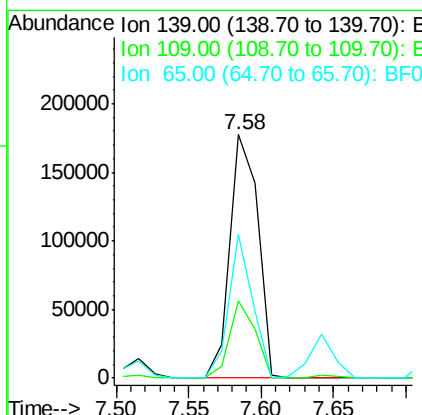
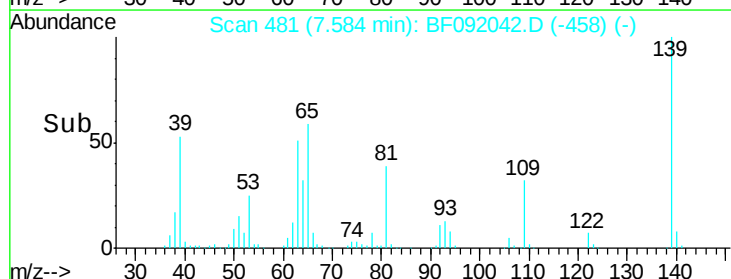
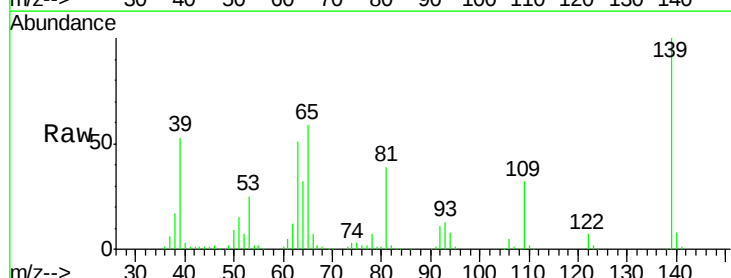
RT: 7.58 min Scan# 481

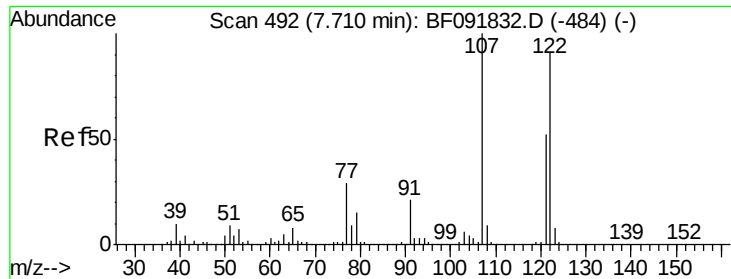
Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:	139	Resp:	237978
Ion Ratio		Lower	Upper
139	100		
109	31.6	23.3	34.9
65	59.2	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 43.67 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

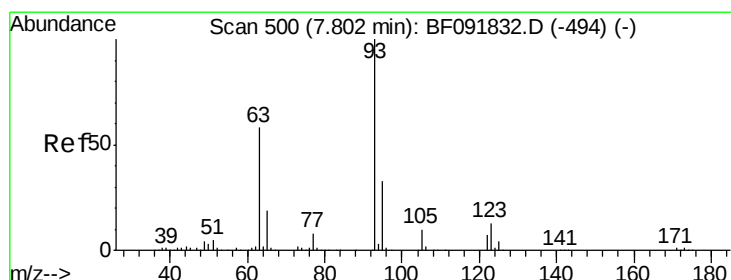
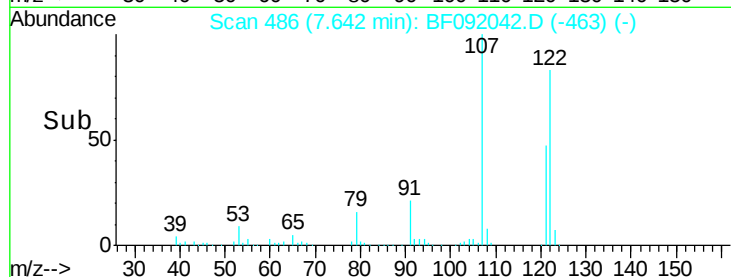
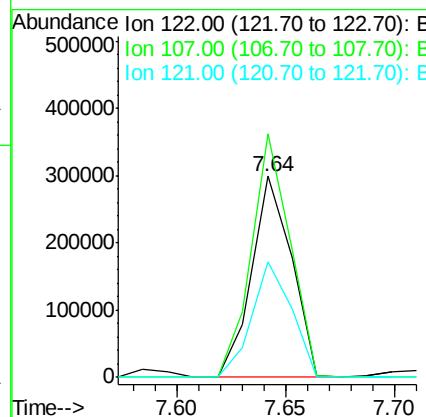
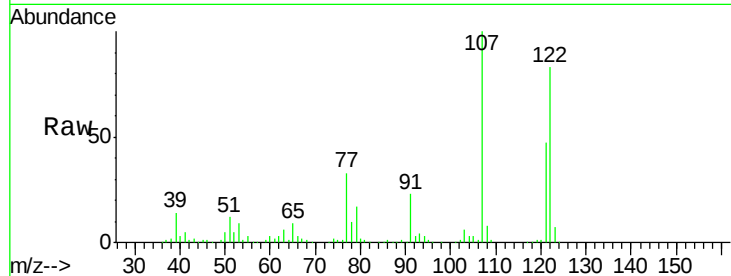
ClientSampleId :

PB95699BS

Tot Ion:	122	Resp:	384915
Ion Ratio	Lower	Upper	
122	100		
107	121.1	94.1	141.1
121	57.3	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 52.21 ng

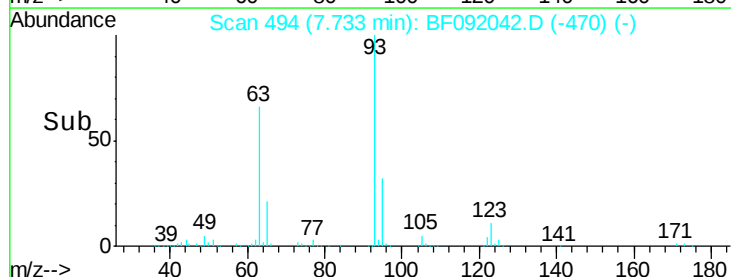
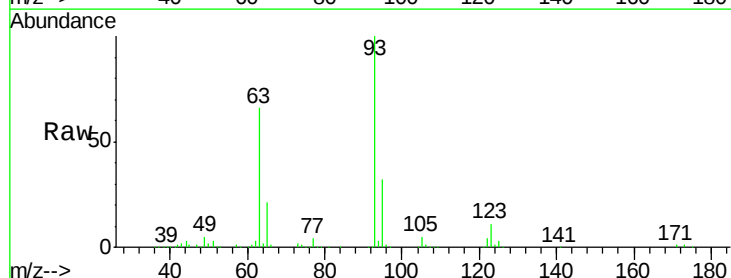
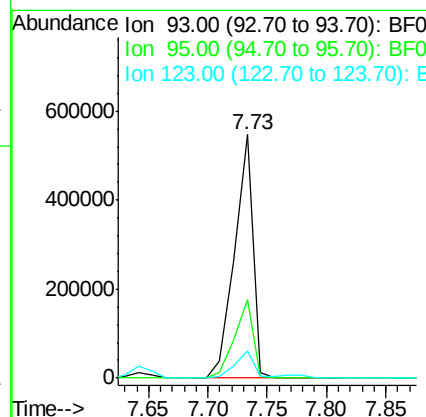
RT: 7.73 min Scan# 494

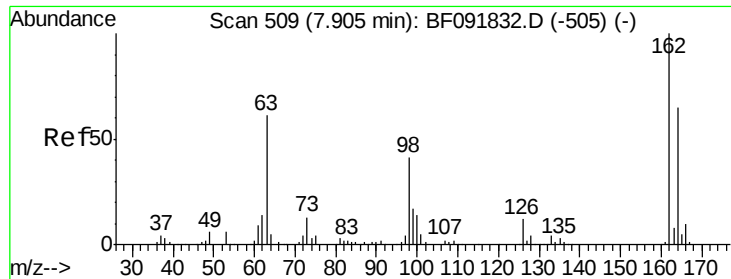
Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:	93	Resp:	590987
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	11.0	8.6	13.0





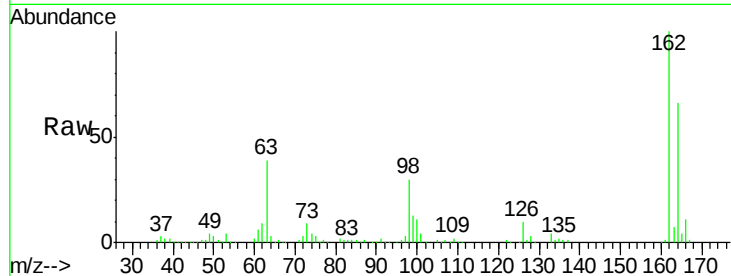
#29
 2,4-Dichlorophenol
 Concen: 50.66 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

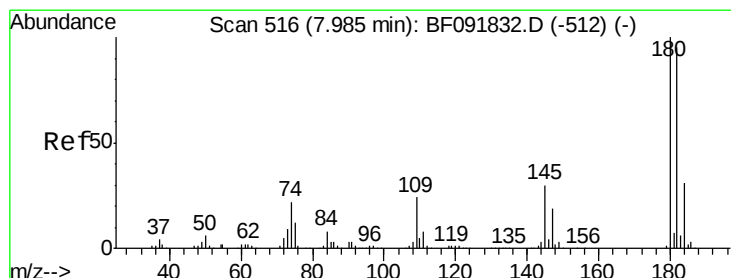
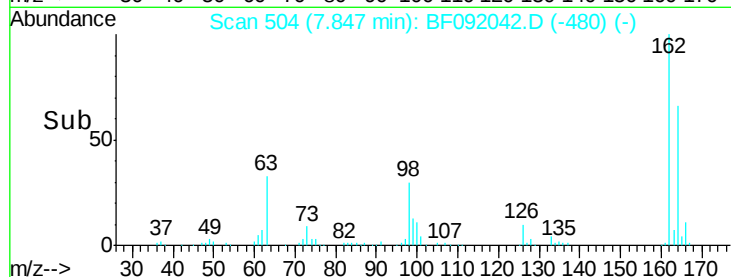
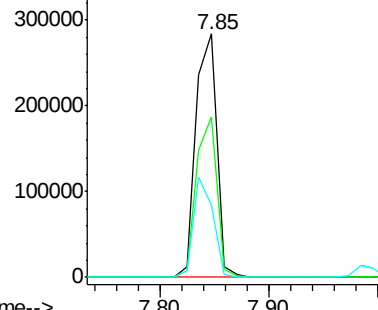
Tot Ion	Ratio	Resp	Lower	Upper
162	100	378129		
164	66.0	46.8	86.8	
98	29.8	9.1	49.1	

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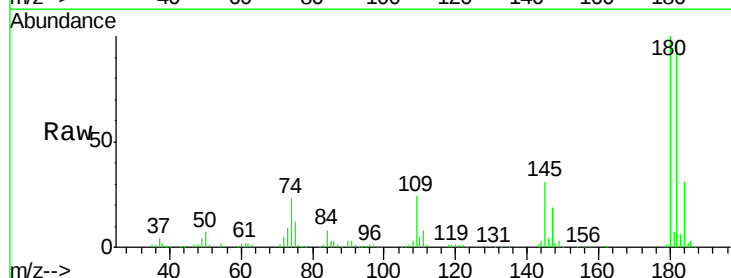


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

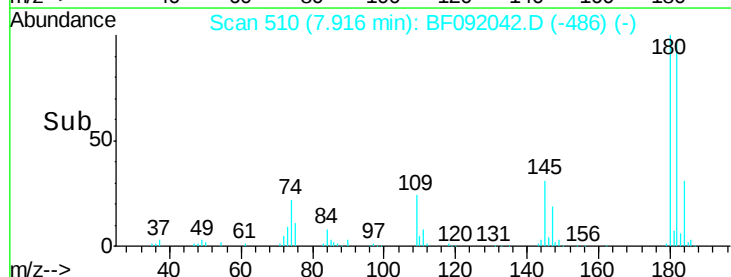
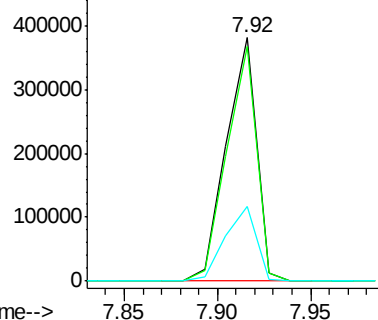


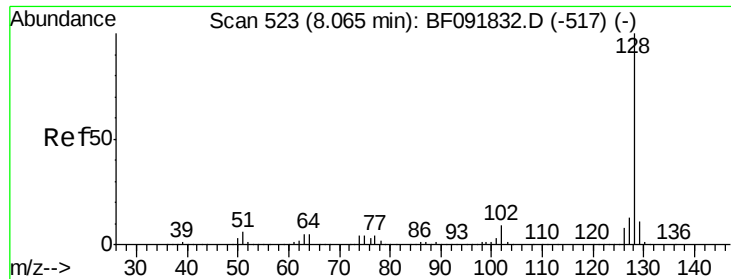
#30
 1,2,4-Trichlorobenzene
 Concen: 52.29 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	427677		
182	96.6	78.2	117.4	
145	30.7	21.6	32.4	



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





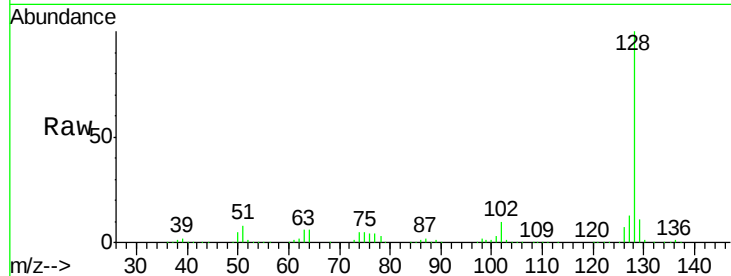
#31
Naphthalene
Concen: 50.21 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

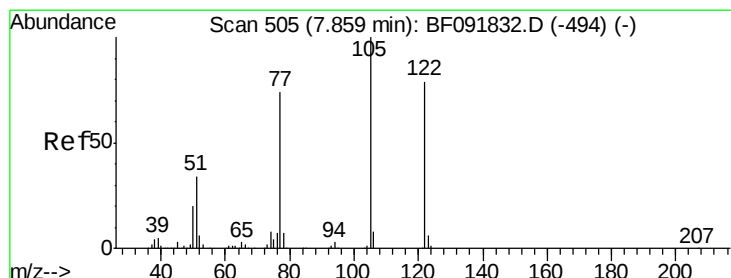
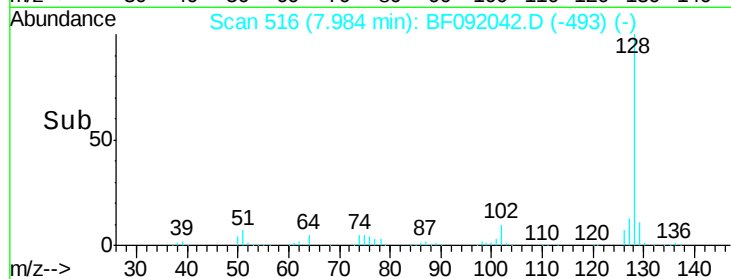
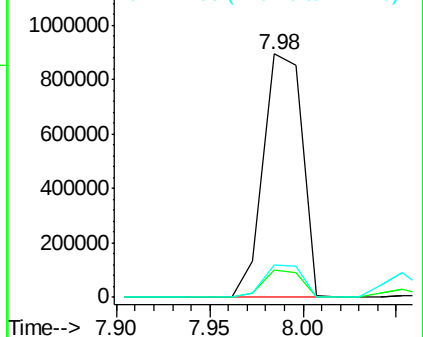
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.2	10.8	16.2

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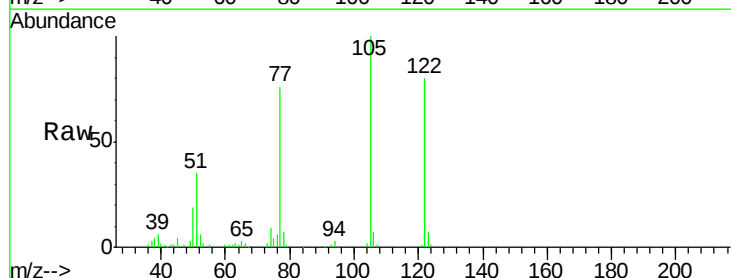


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

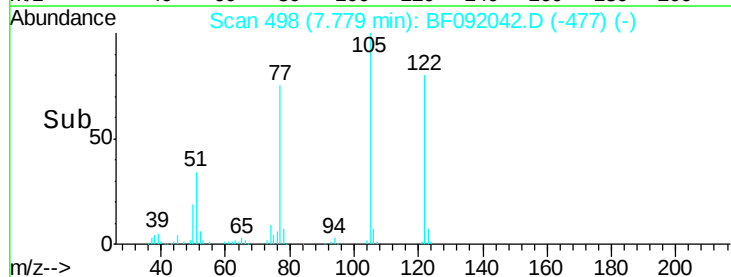
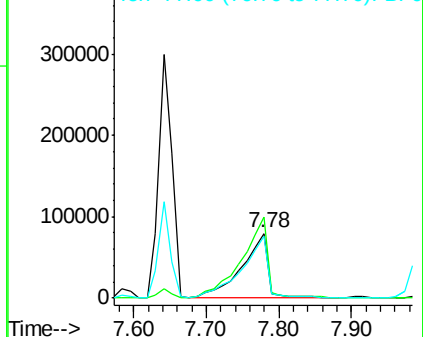


#32
Benzoic acid
Concen: 30.03 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.06 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	107.2	147.2
77	94.8	74.5	114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





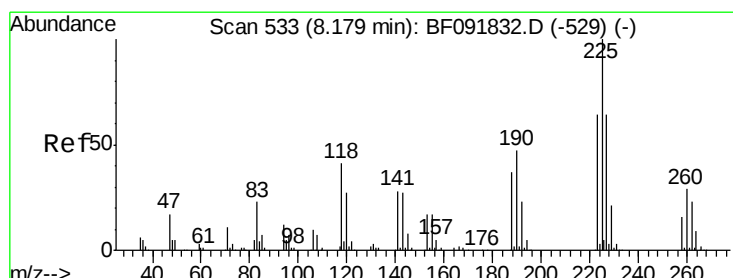
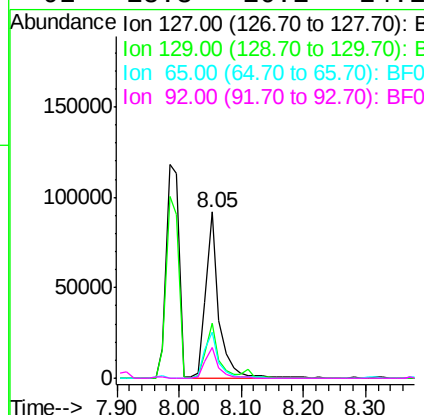
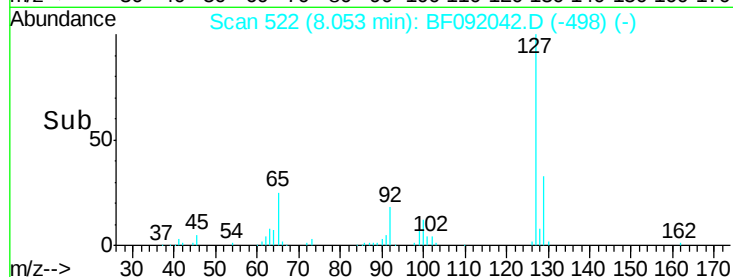
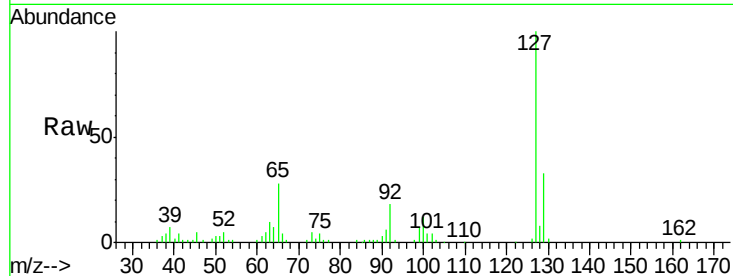
#33
4-Chloroaniline
Concen: 11.76 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.3	39.5		
65	28.1	25.8	38.8		
92	18.3	16.1	24.1		

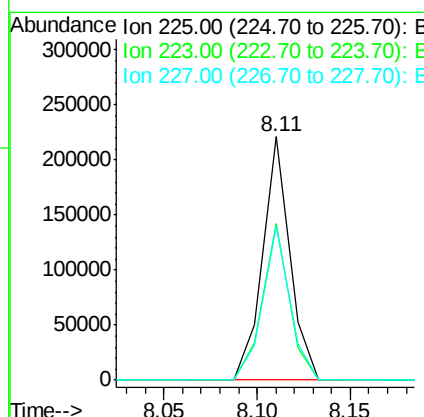
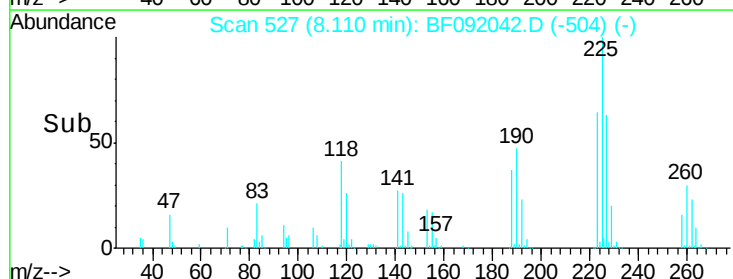
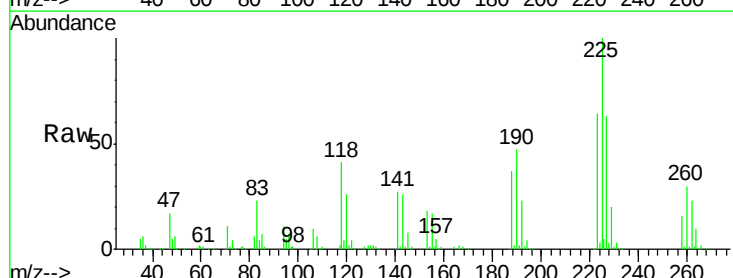
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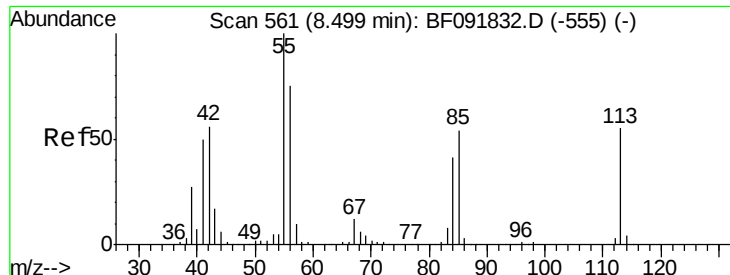
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#34
Hexachlorobutadiene
Concen: 51.71 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	51.0	76.6		
227	63.3	50.6	76.0		





#35

Caprolactam

Concen: 58.82 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

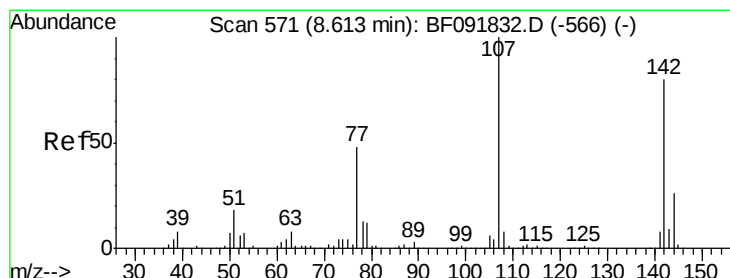
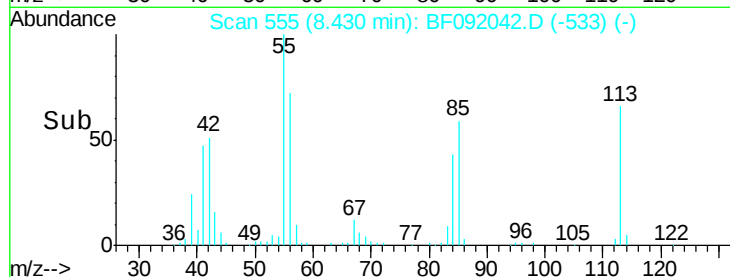
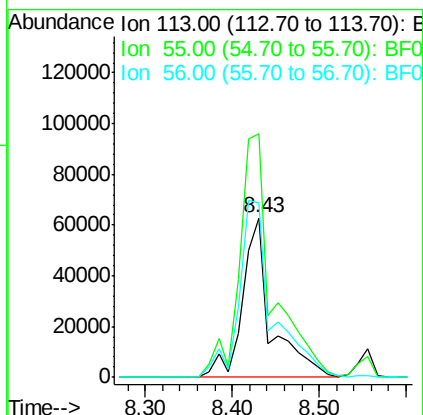
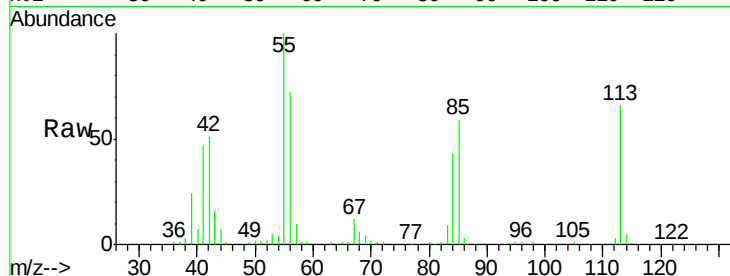
ClientSampleId :

PB95699BS

Tot Ion:	113	Resp:	144275
Ion Ratio	Lower	Upper	
113	100		
55	152.5	119.2	159.2
56	109.4	83.8	123.8

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#36

4-Chloro-3-methylphenol

Concen: 49.05 ng

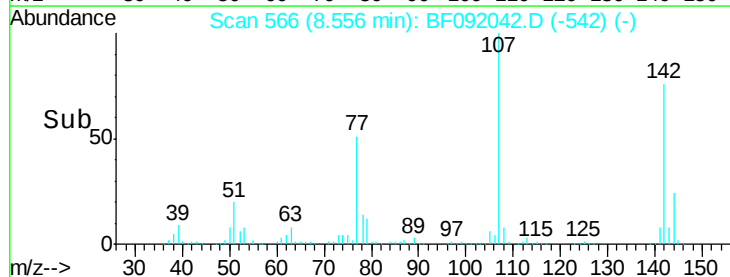
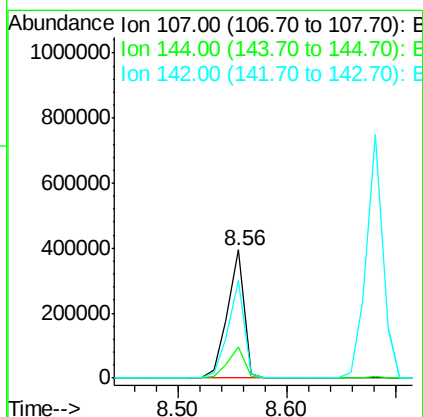
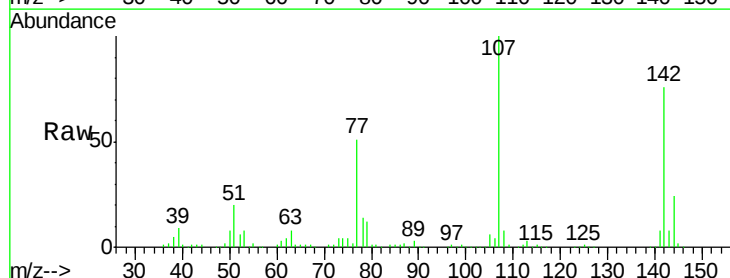
RT: 8.56 min Scan# 566

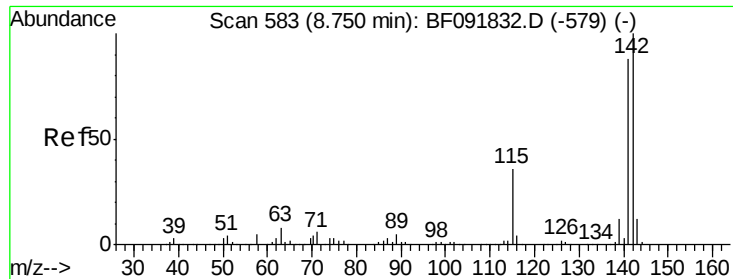
Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:	107	Resp:	421303
Ion Ratio	Lower	Upper	
107	100		
144	24.2	19.3	28.9
142	75.9	59.0	88.6





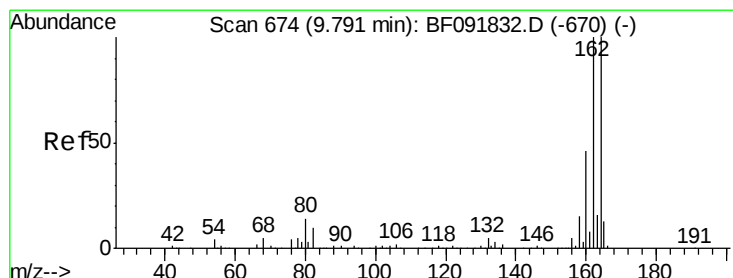
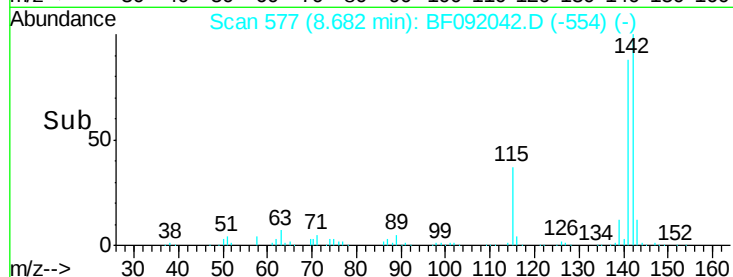
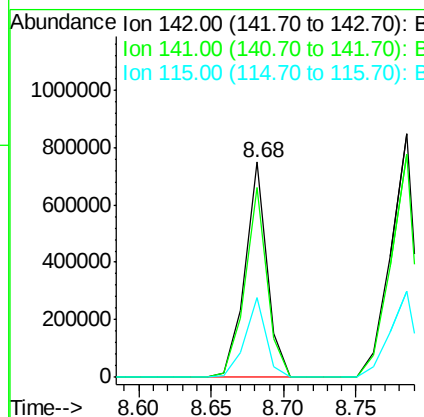
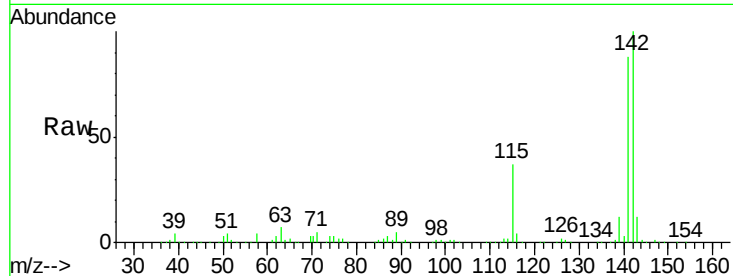
#37
2-Methylnaphthalene
Concen: 55.23 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	37.1	28.3	42.5

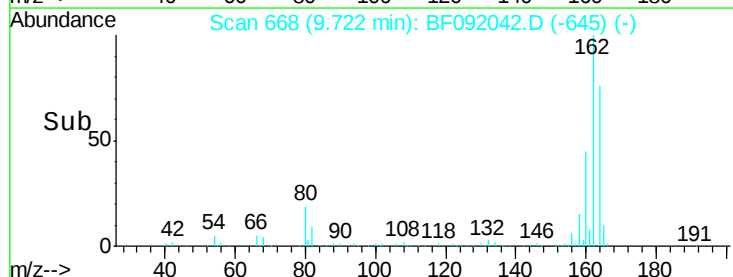
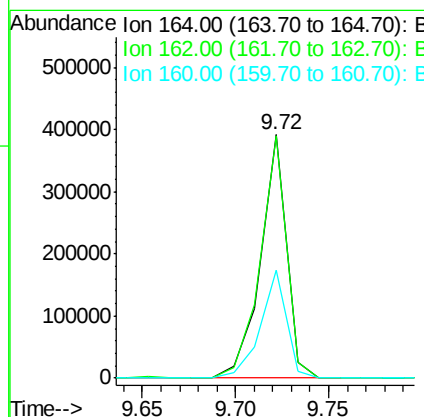
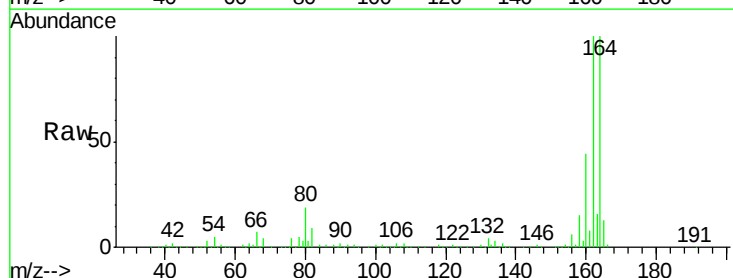
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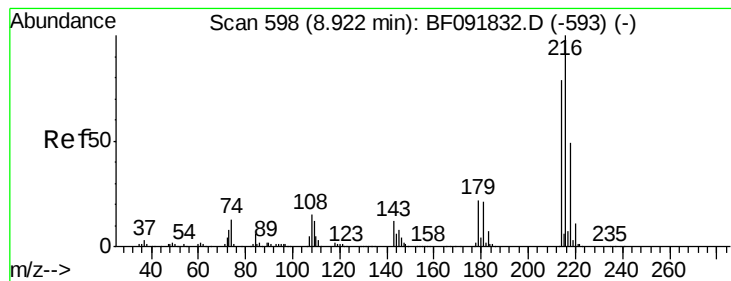
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.2
160	44.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.44 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

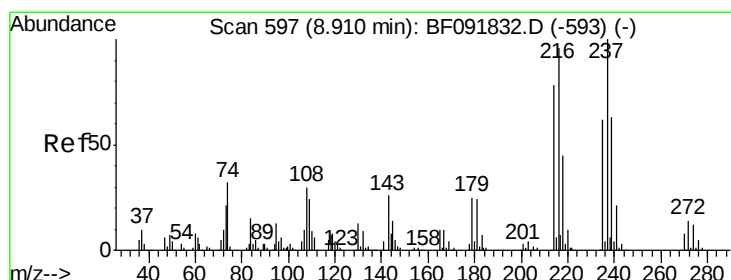
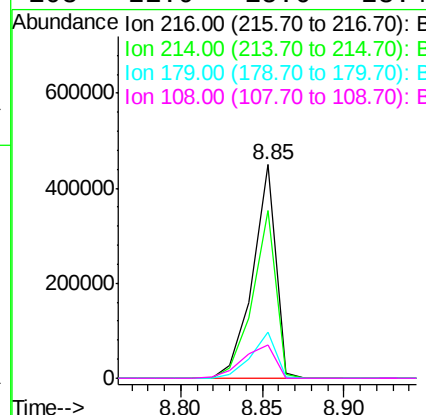
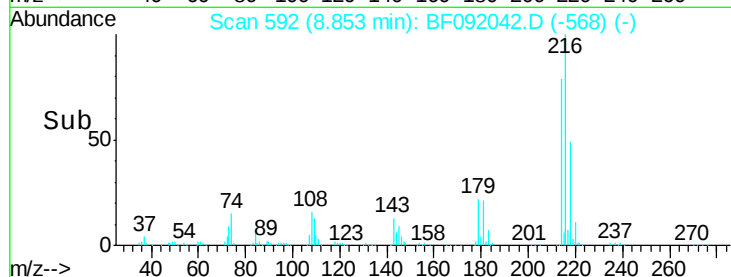
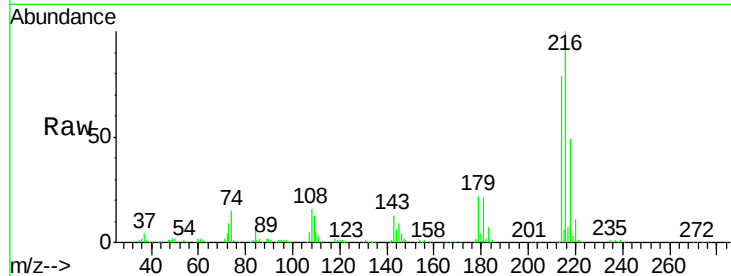
ClientSampleId :

PB95699BS

Tot Ion:	216	Resp:	441565
Ion Ratio		Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.7	17.4	26.2
108	21.9	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 88.03 ng

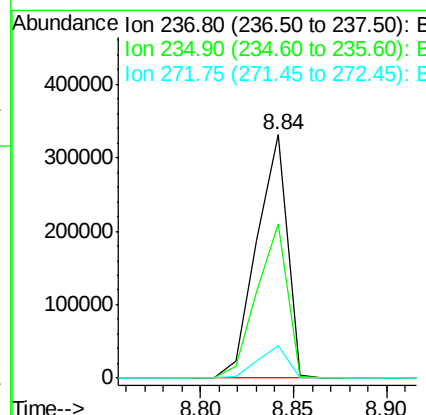
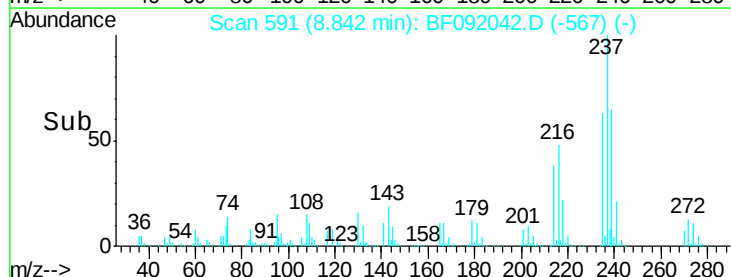
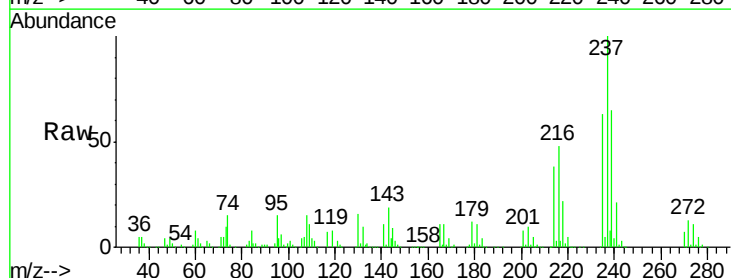
RT: 8.84 min Scan# 591

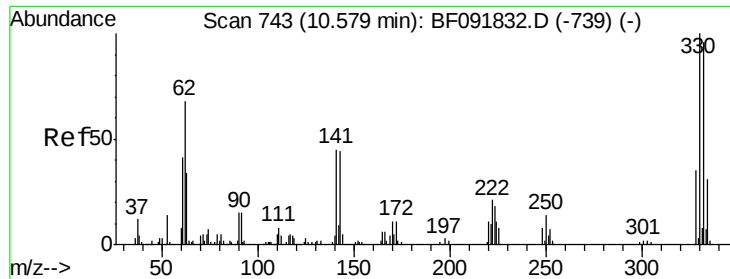
Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:	237	Resp:	374513
Ion Ratio		Lower	Upper
237	100		
235	63.1	41.2	81.2
272	13.4	0.0	35.4





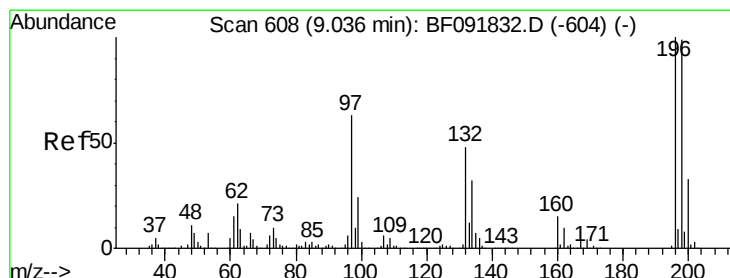
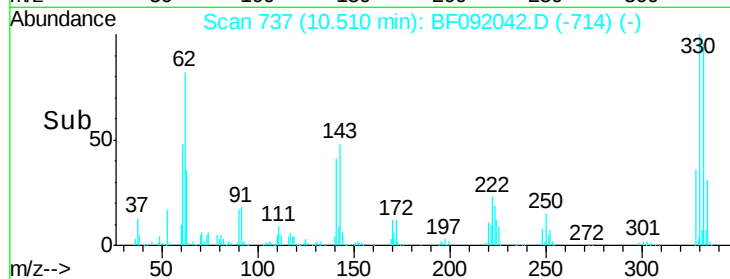
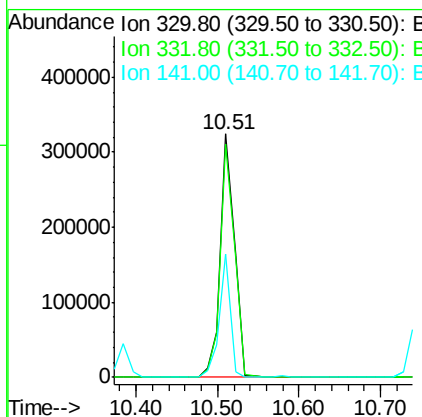
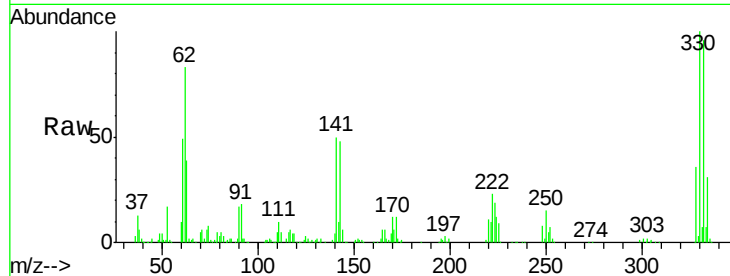
#41
 2,4,6-Tribromophenol
 Concen: 125.62 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	391201		
332	95.7	77.4	116.2	
141	39.8	34.1	51.1	

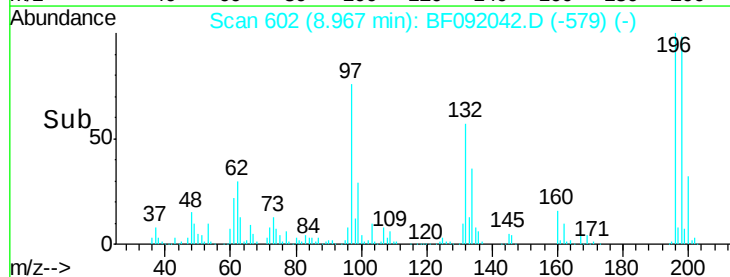
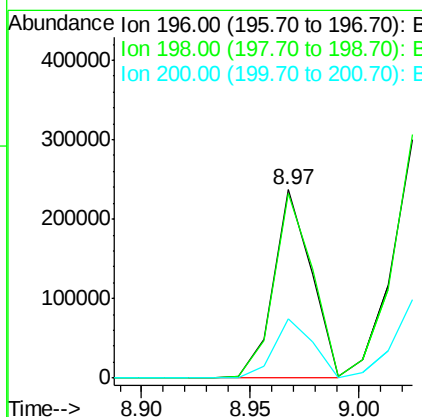
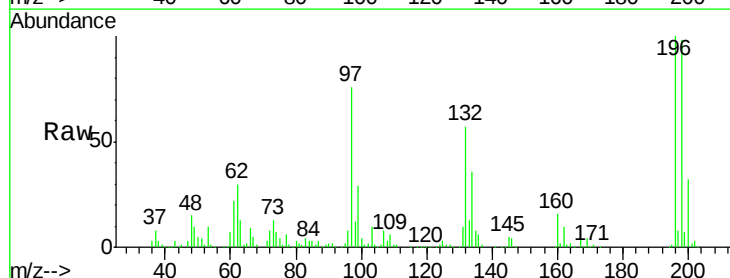
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#42
 2,4,6-Trichlorophenol
 Concen: 43.44 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288857		
198	98.3	82.1	123.1	
200	31.8	27.0	40.4	





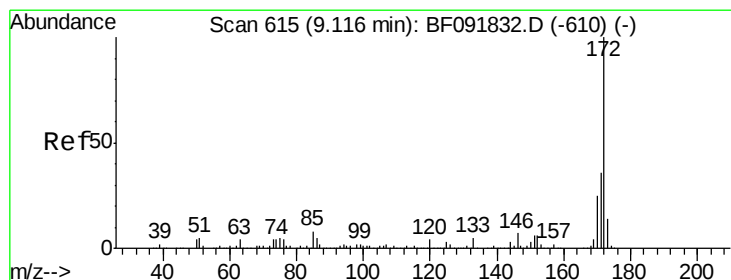
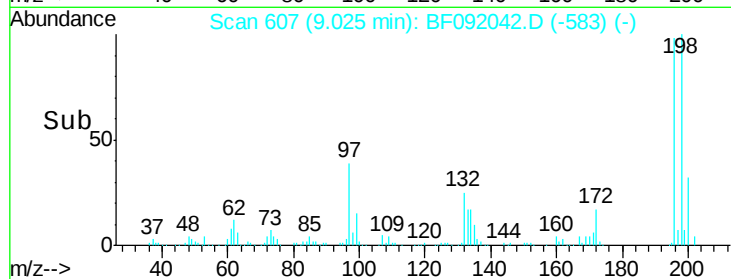
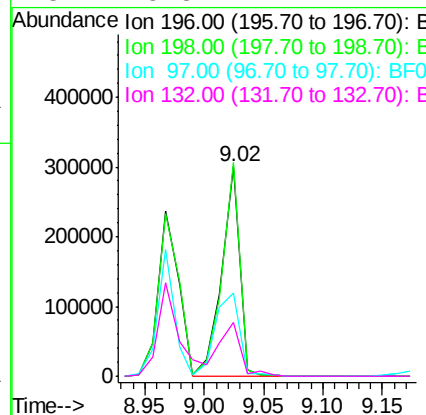
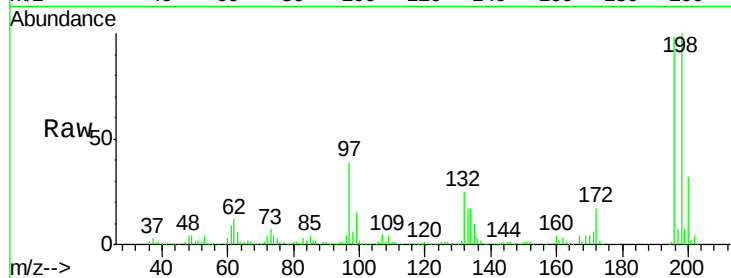
#43
 2,4,5-Trichlorophenol
 Concen: 45.58 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	311920		
198	102.0	79.4	119.2	
97	39.7	51.5	77.3	
132	25.8	27.4	41.2	

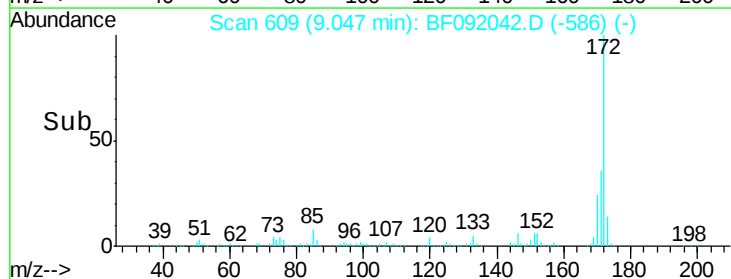
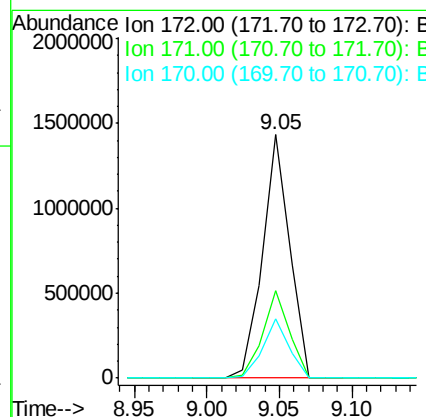
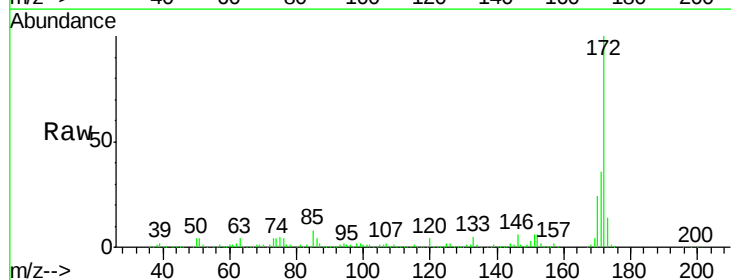
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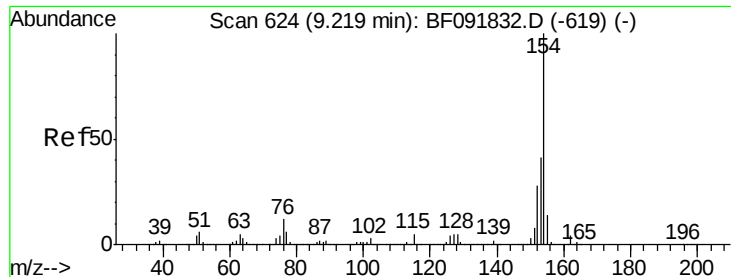
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 103.57 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1850375		
171	36.1	29.4	44.0	
170	24.3	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 50.12 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

ClientSampleId :

PB95699BS

Tot Ion:154 Resp: 1291258

Ion Ratio Lower Upper

154 100

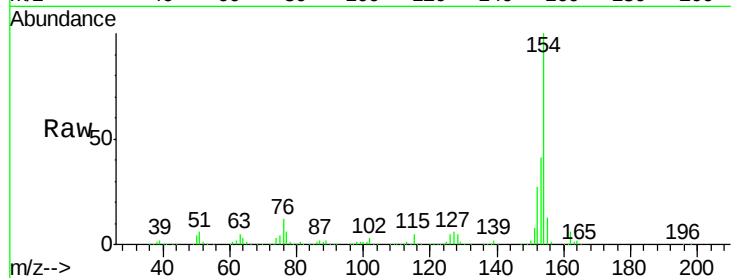
153 40.6 20.9 60.9

76 11.9 0.0 30.5

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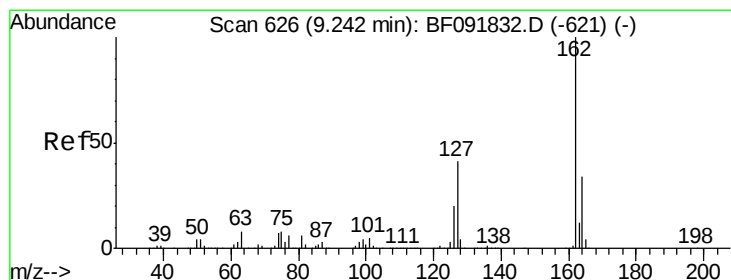
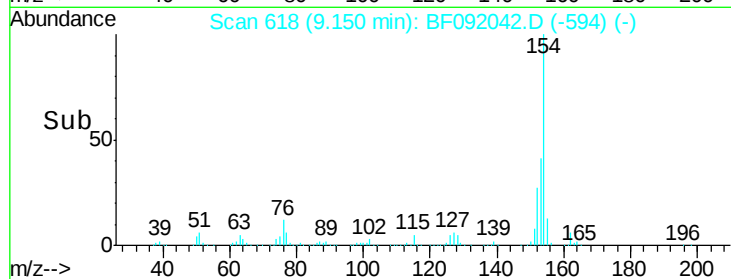
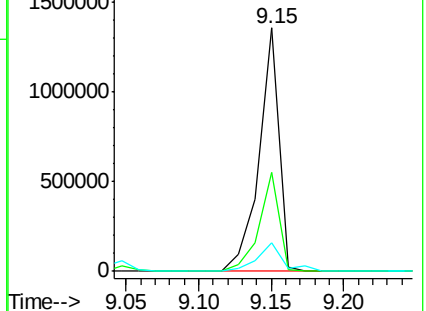
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.70 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

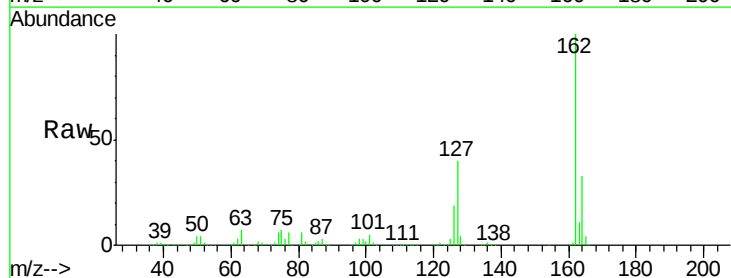
Tgt Ion:162 Resp: 973231

Ion Ratio Lower Upper

162 100

127 39.9 30.7 46.1

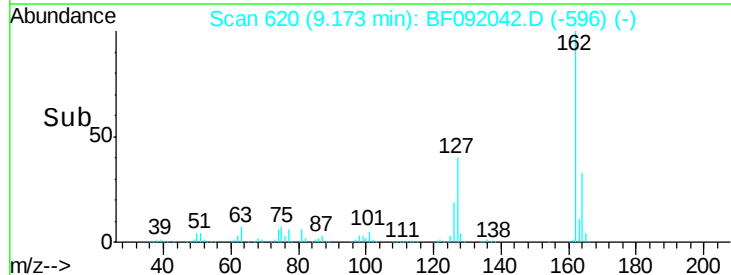
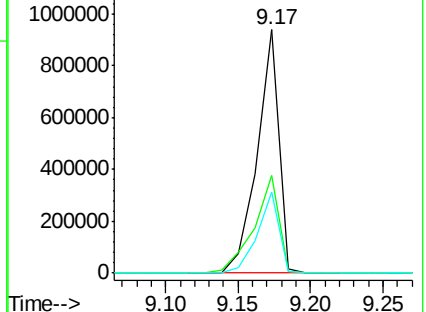
164 33.3 27.6 41.4



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





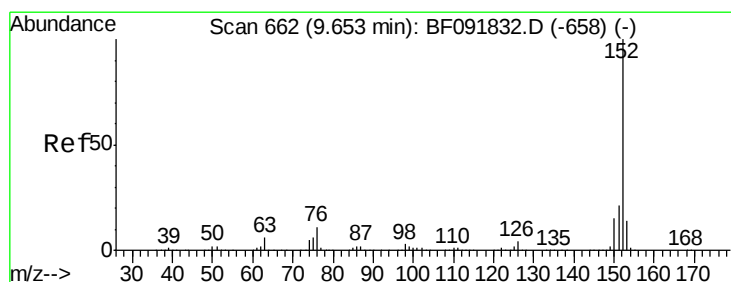
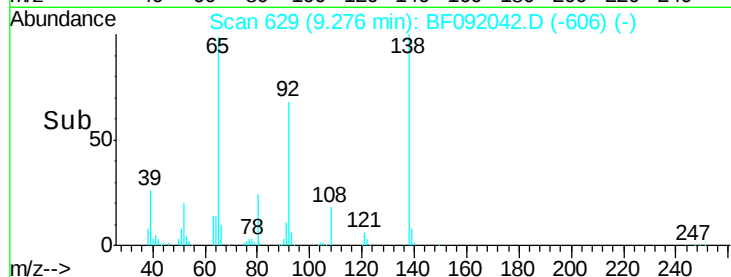
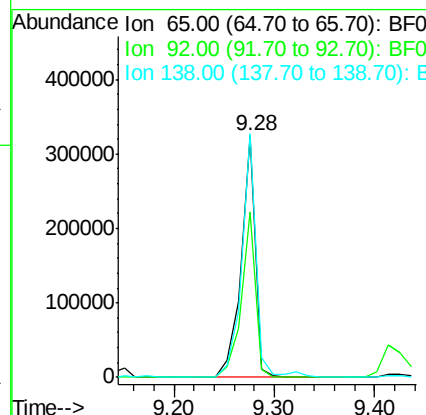
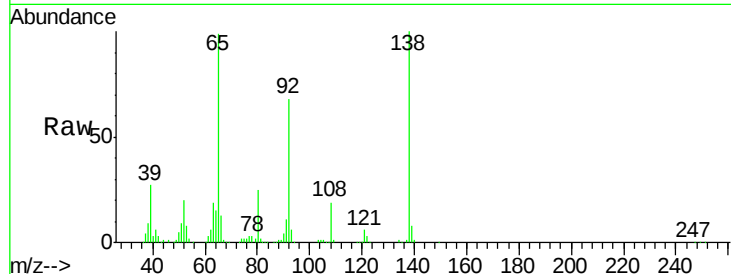
#47
2-Nitroaniline
Concen: 43.80 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.9	80.9
138	100.8	76.8	115.2

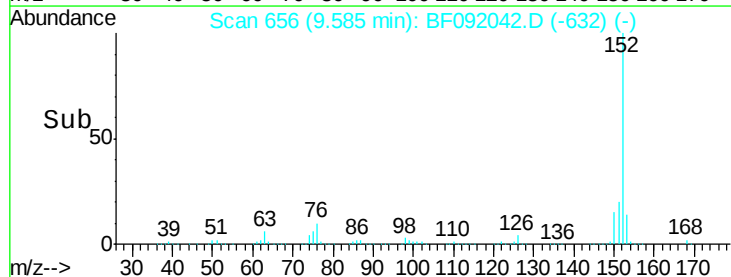
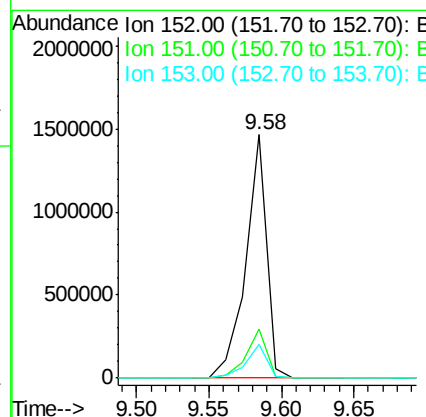
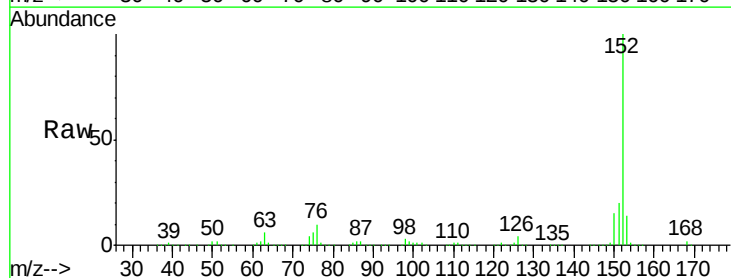
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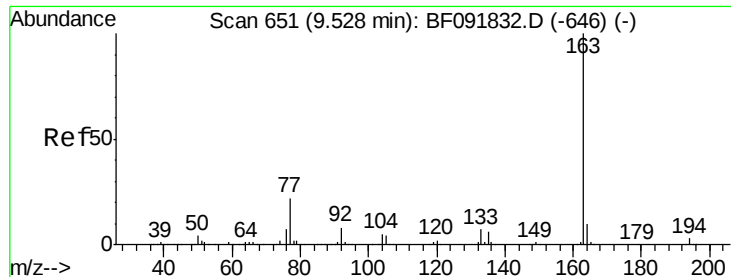
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#48
Acenaphthylene
Concen: 46.28 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	14.0	11.4	17.2





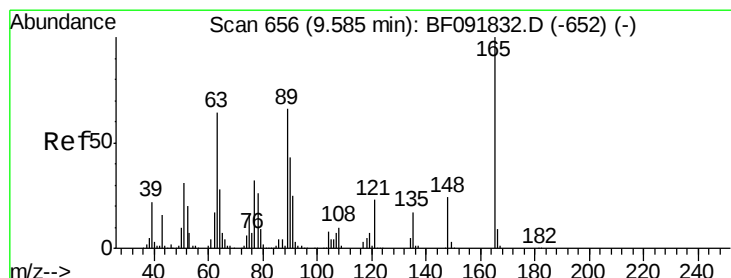
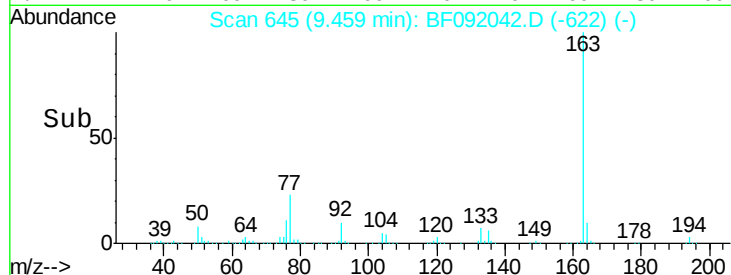
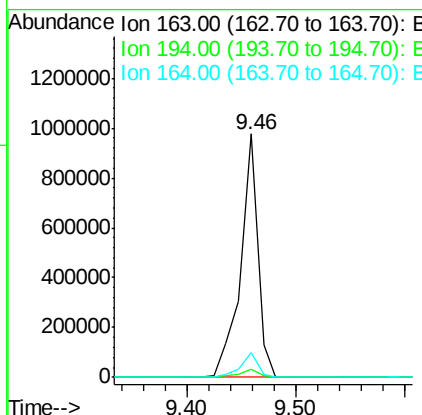
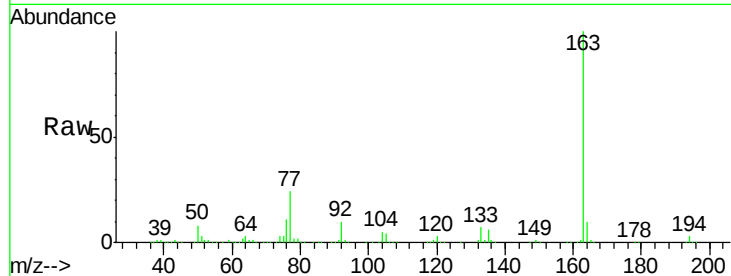
#49
Dimethylphthalate
Concen: 44.44 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion:163 Resp: 1069458
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.4 8.0 12.0

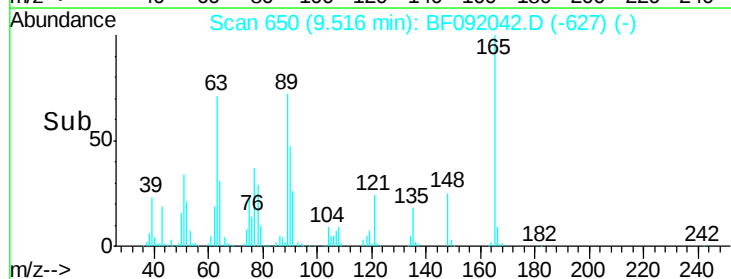
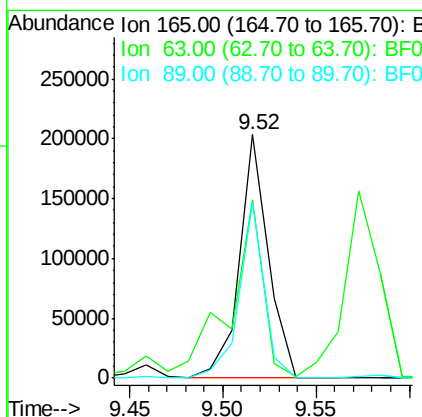
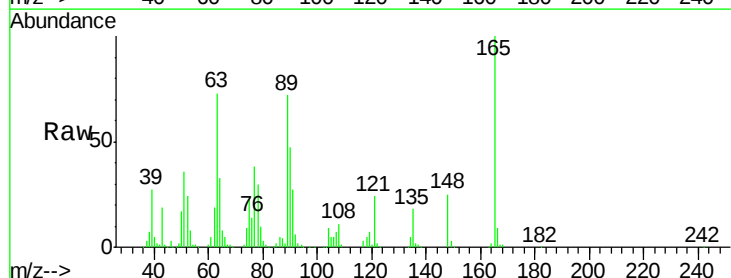
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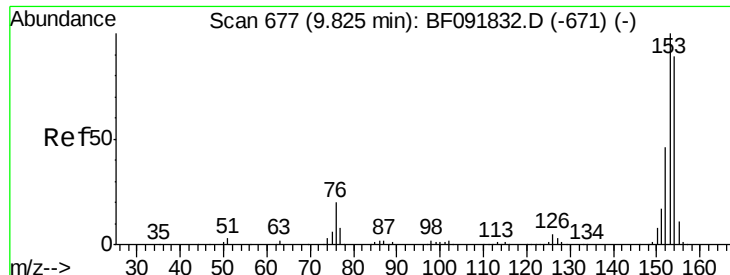
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#50
2,6-Dinitrotoluene
Concen: 41.49 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion:165 Resp: 218554
Ion Ratio Lower Upper
165 100
63 73.4 36.2 54.4#
89 72.1 40.2 60.4#





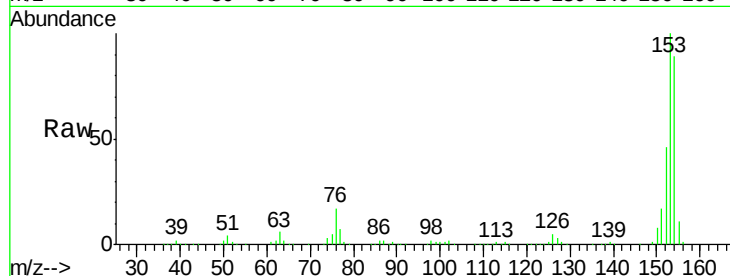
#51
Acenaphthene
Concen: 43.10 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampled :
PB95699BS

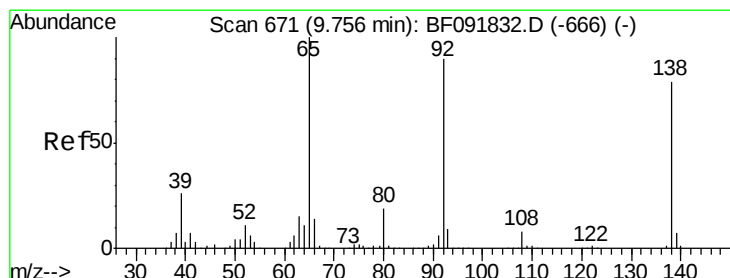
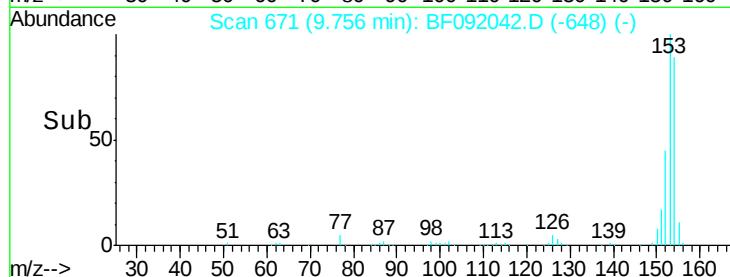
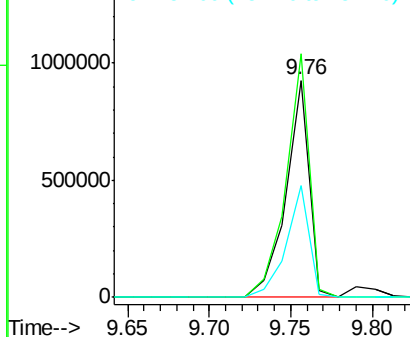
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.6	133.0
152	51.3	41.6	62.4

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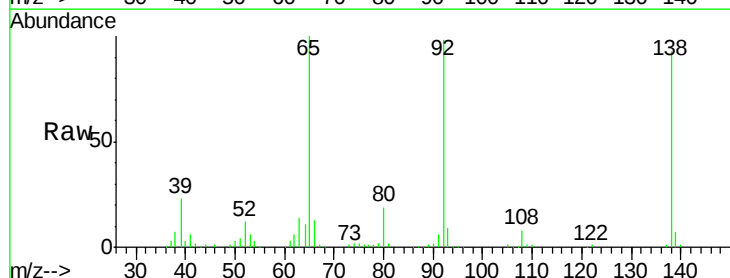


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

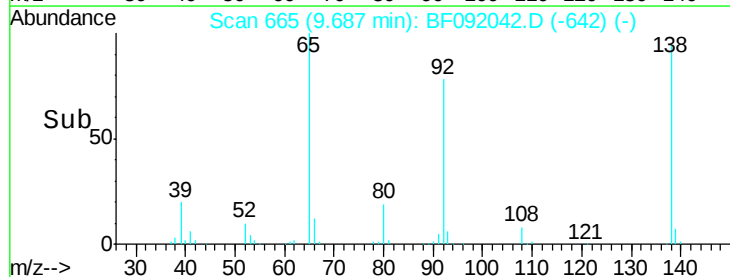
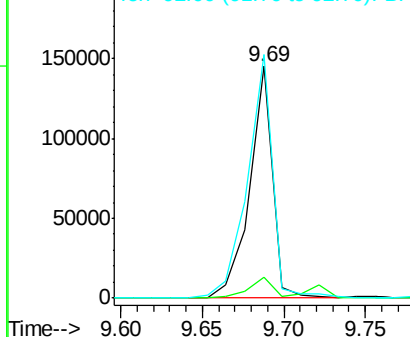


#52
3-Nitroaniline
Concen: 21.64 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.5	12.7
92	105.1	97.8	146.8



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





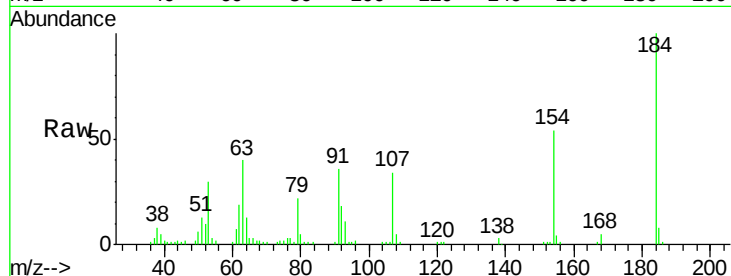
#53
2,4-Dinitrophenol
Concen: 35.30 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

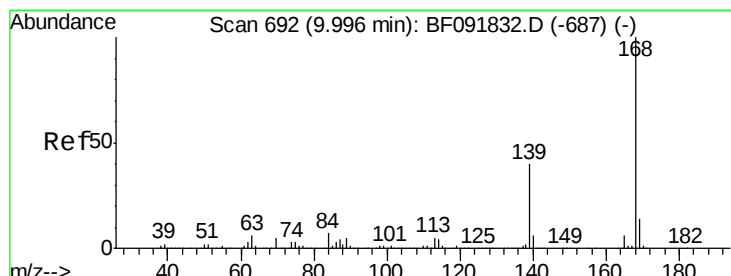
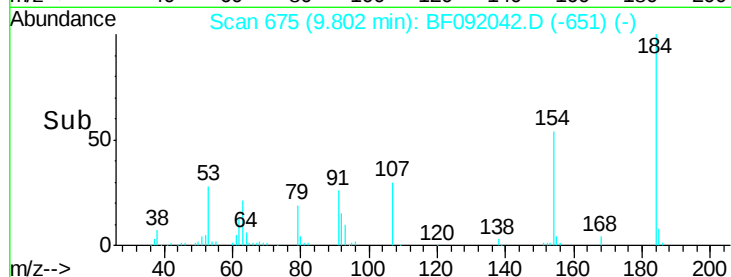
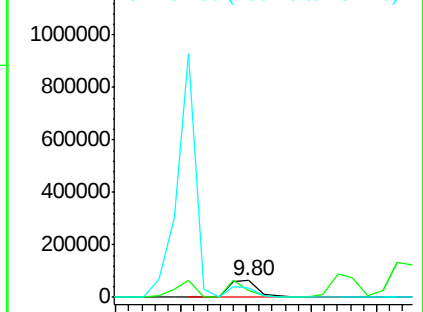
Tot Ion	Ratio	Lower	Upper
184	100		
63	40.3	28.4	42.6
154	54.1	44.3	66.5

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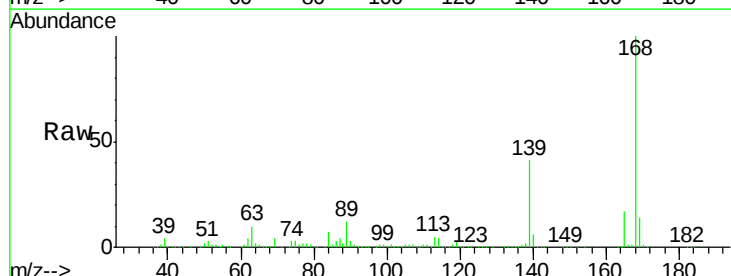


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

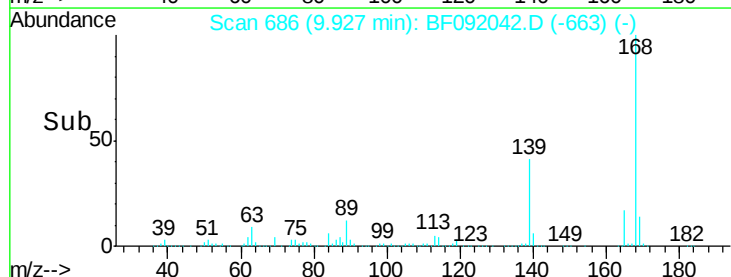
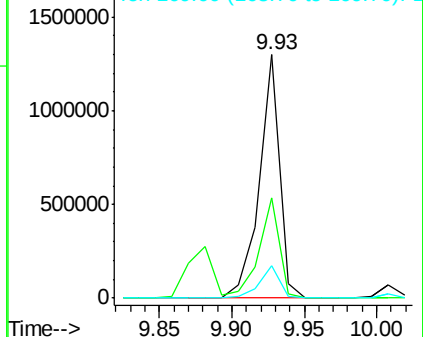


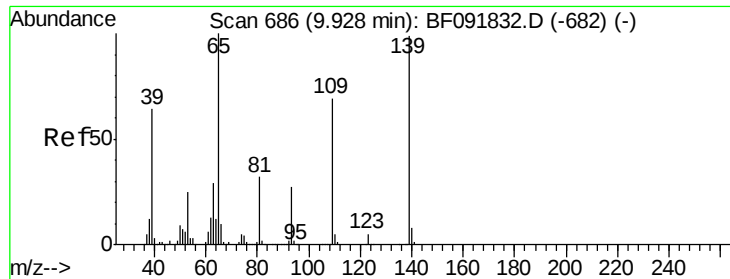
#54
Dibenzofuran
Concen: 43.69 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	32.6	49.0
169	13.5	11.3	16.9



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





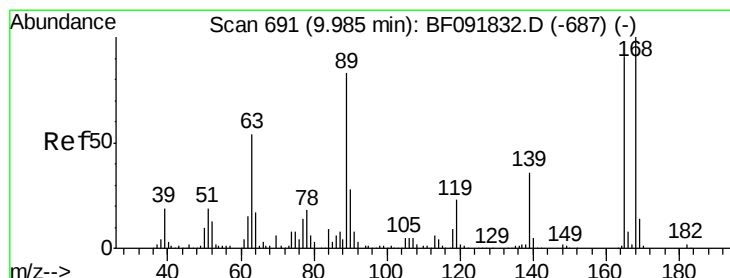
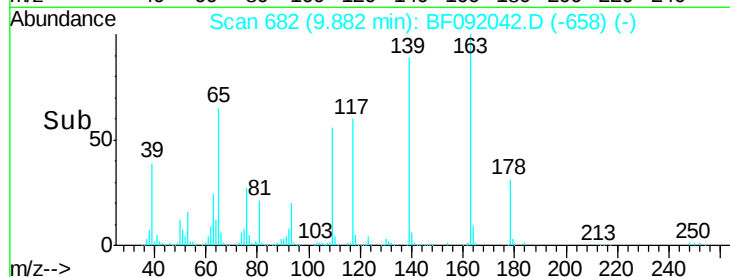
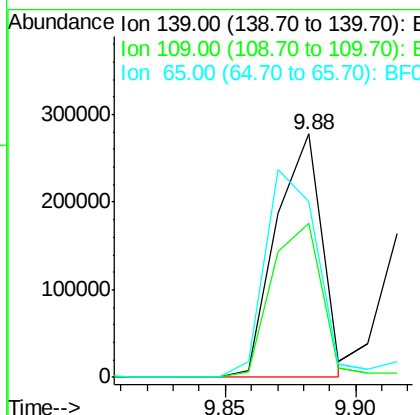
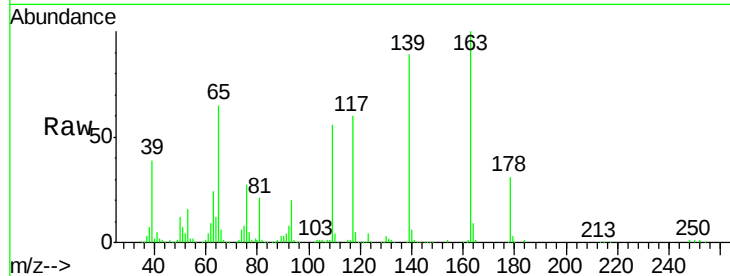
#55
4-Nitrophenol
Concen: 76.08 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.2	52.2	92.2
65	72.4	85.8	125.8

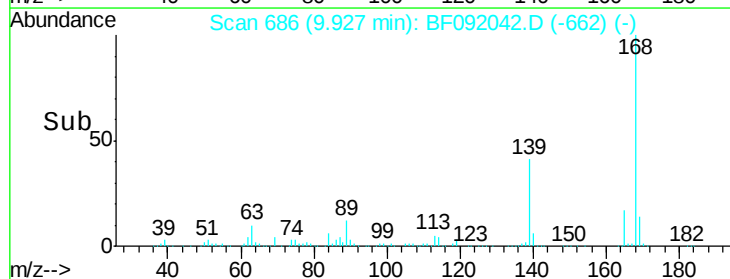
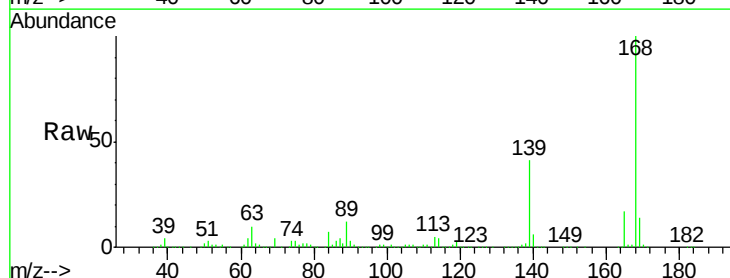
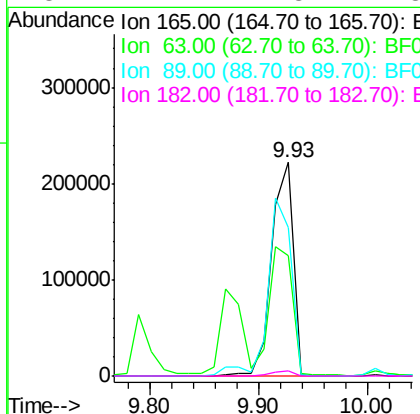
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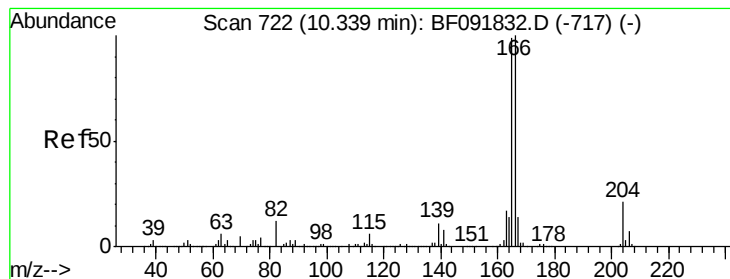
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.23 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.3	40.2	60.4
89	69.8	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 48.34 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

ClientSampleId :

PB95699BS

Tot Ion:166 Resp: 1010416

Ion Ratio Lower Upper

166 100

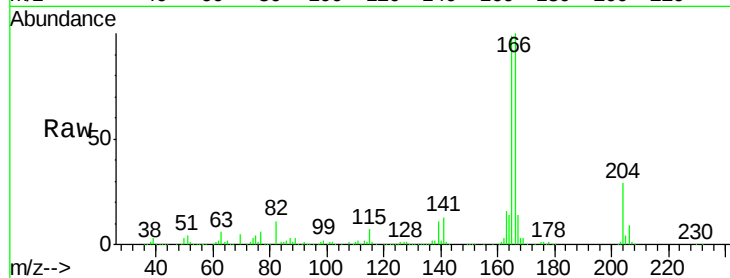
165 99.5 77.8 116.8

167 13.7 10.8 16.2

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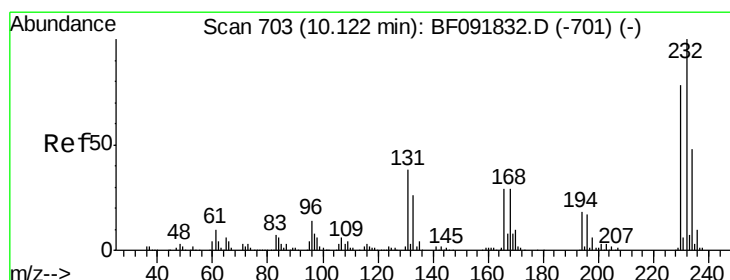
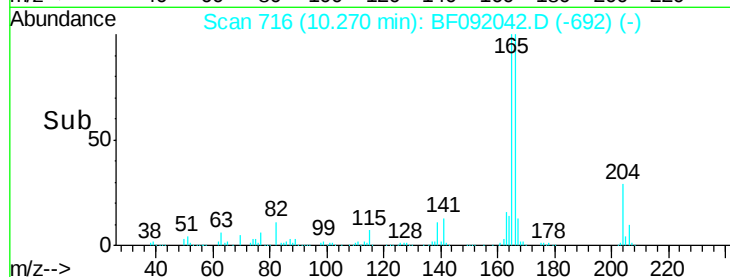
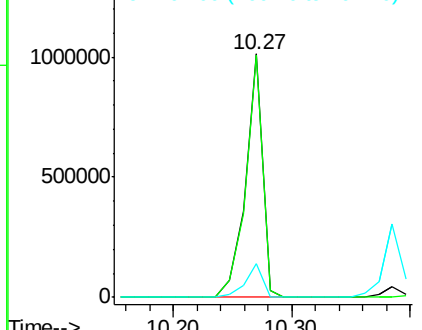
1/3/2017 9:14:10 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.15 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion:232 Resp: 255159

Ion Ratio Lower Upper

232 100

131 51.5 40.1 60.1

130 2.5 1.8 2.8

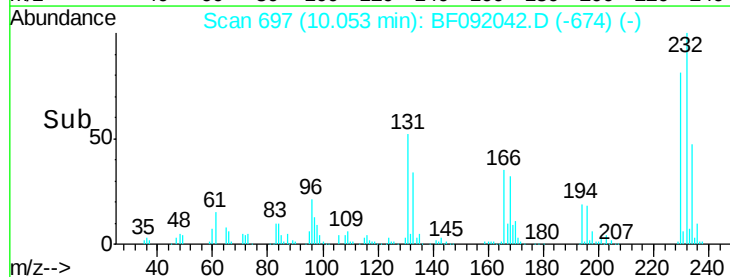
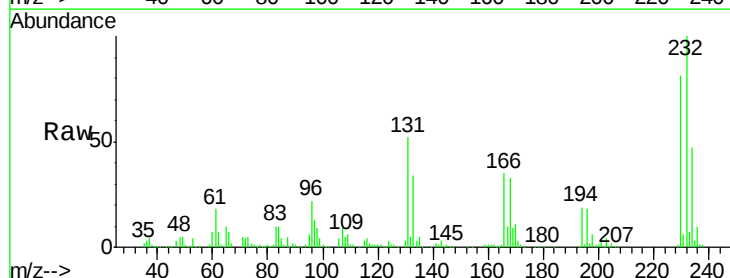
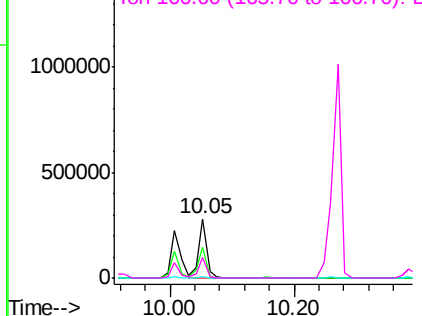
166 33.5 26.6 39.8

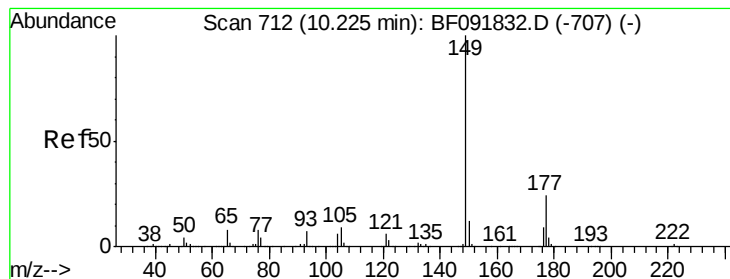
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.55 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

ClientSampleId :

PB95699BS

Tot Ion:149 Resp: 1088159

Ion Ratio Lower Upper

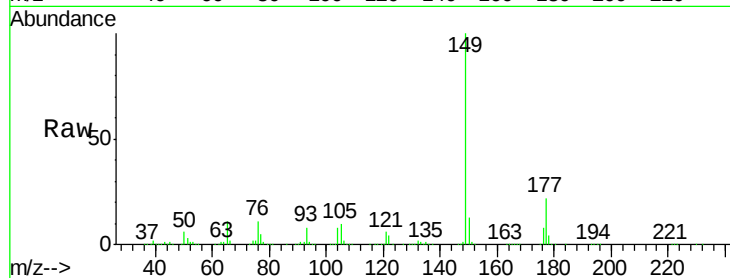
149 100

177 21.5 16.6 25.0

150 12.8 10.4 15.6

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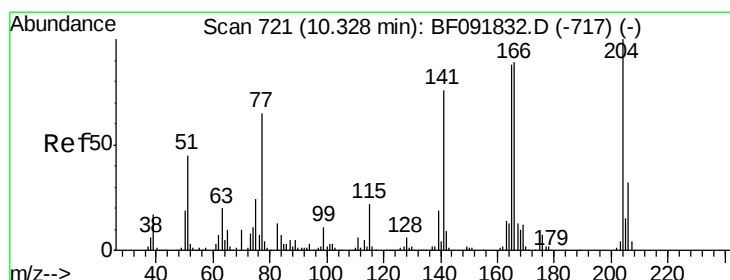
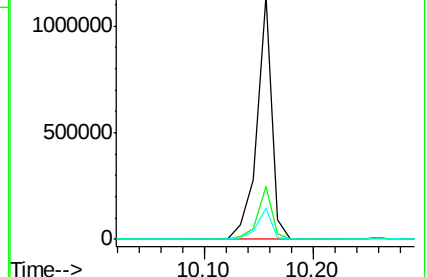
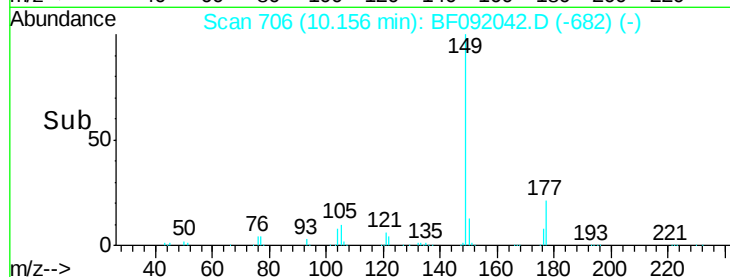
mohammad
1/3/2017 9:14:10 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.78 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

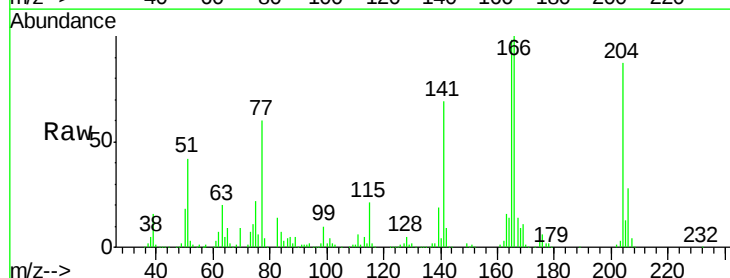
Tgt Ion:204 Resp: 437301

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

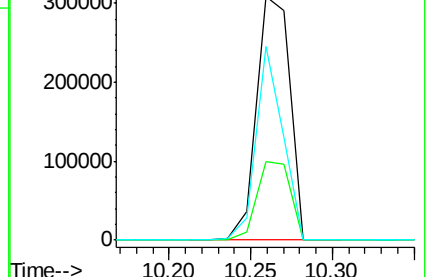
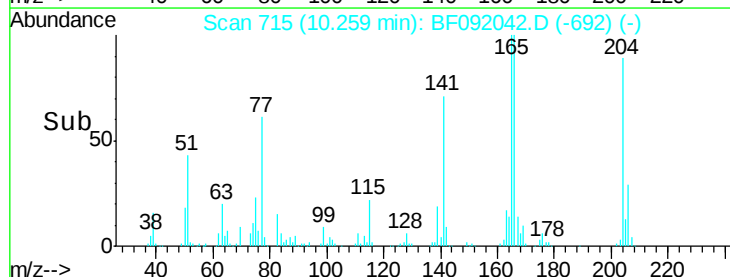
141 79.7 59.4 89.0

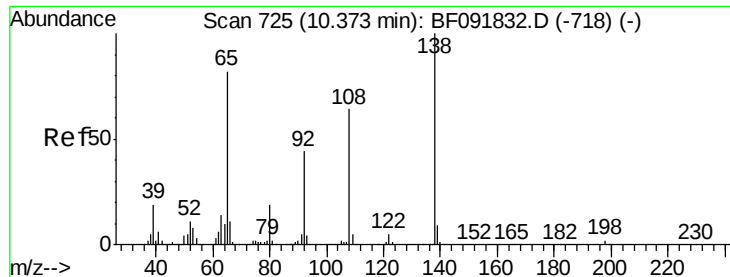


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





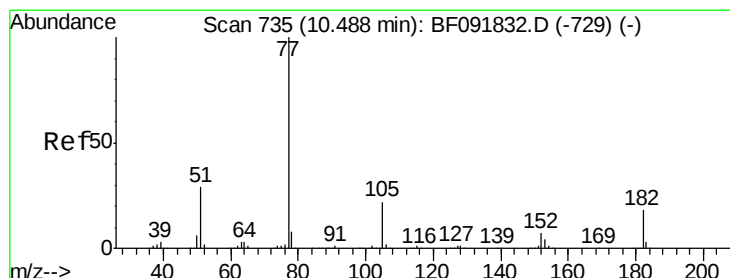
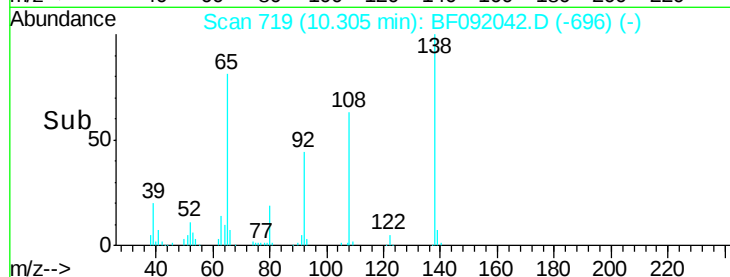
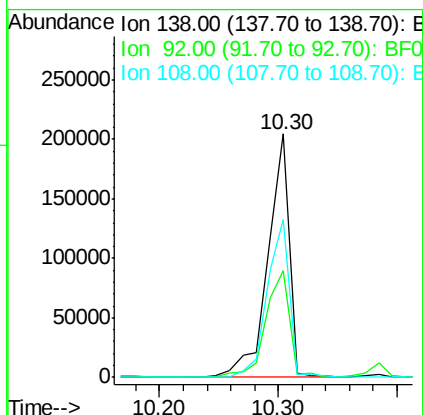
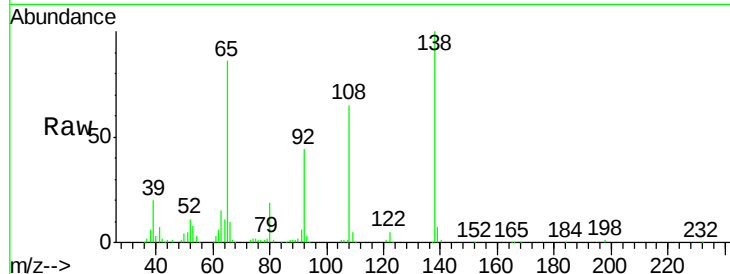
#61
4-Nitroaniline
Concen: 38.33 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.0	31.7	71.7
108	64.7	52.6	92.6

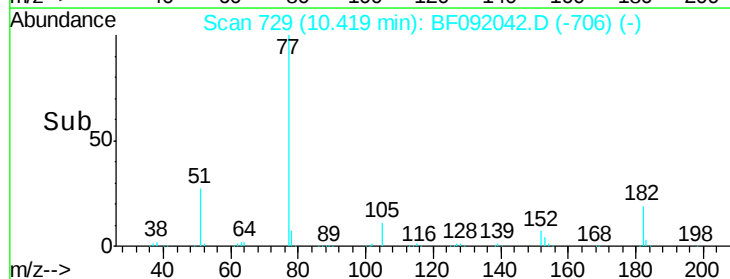
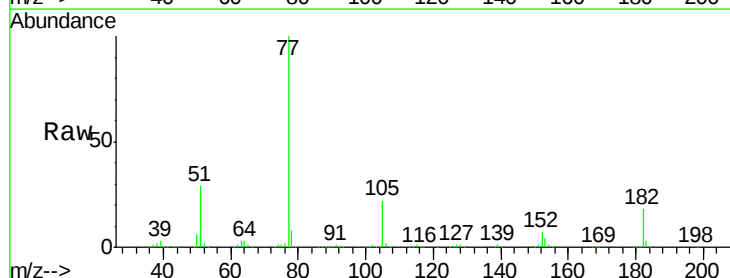
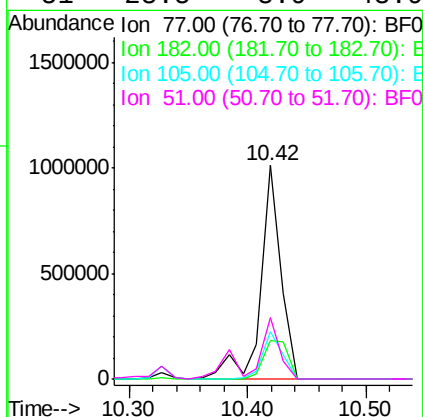
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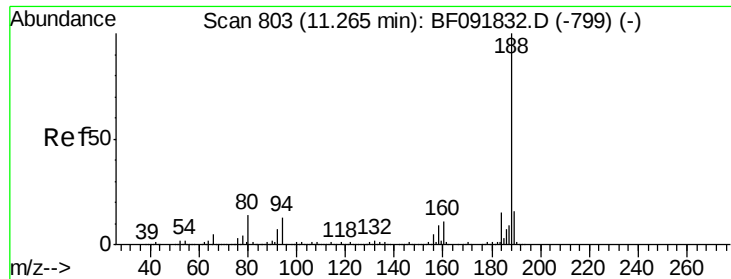
mohammad
1/3/2017 9:14:10 AM



#62
Azobenzene
Concen: 46.72 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.0	39.3
105	22.0	2.3	42.3
51	28.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

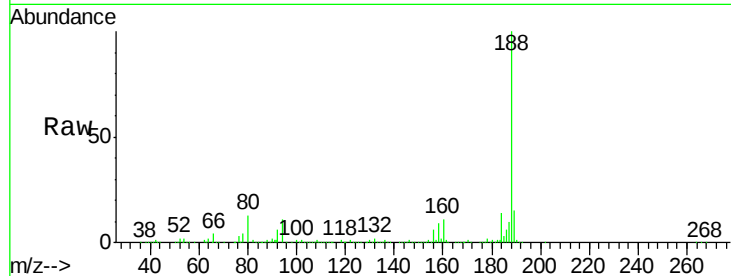
ClientSampleId :

PB95699BS

Tot Ion:	188	Resp:	601484
Ion Ratio		Lower	Upper
188	100		
94	11.5	10.0	15.0
80	12.6	11.2	16.8

Manual Integrations
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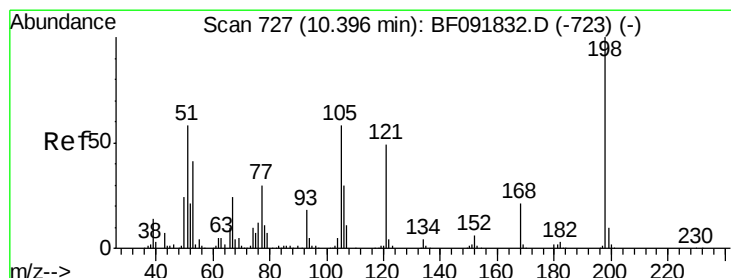
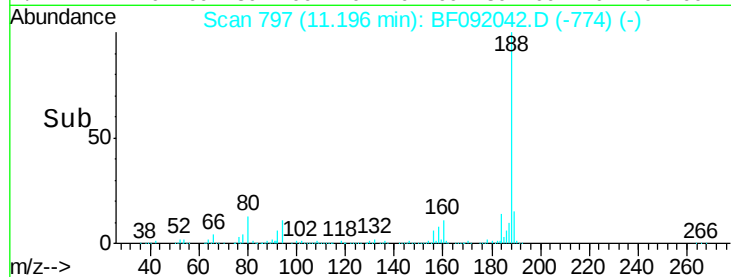
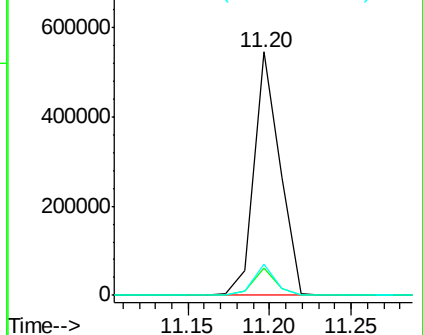
mohammad
1/3/2017 9:14:10 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.64 ng

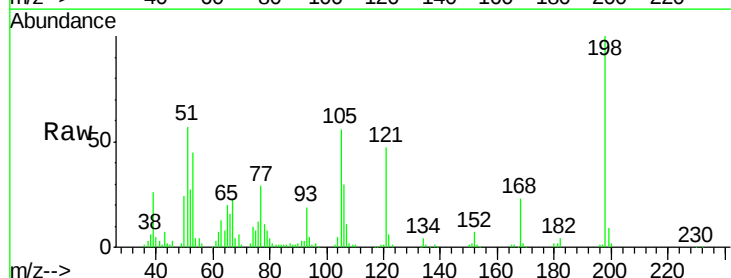
RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

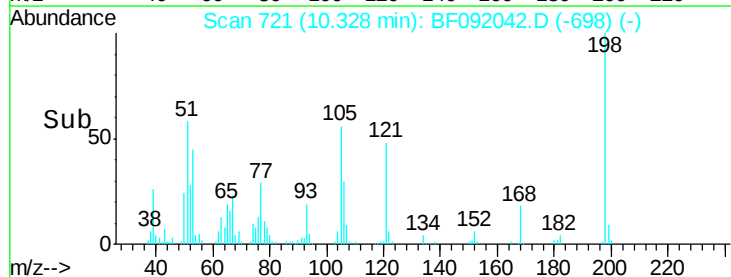
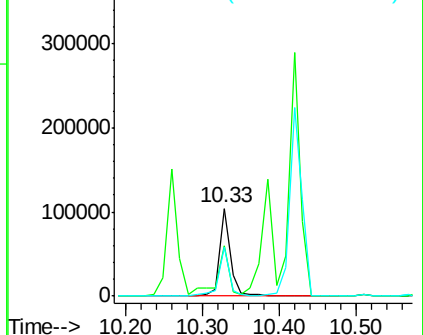
Tgt Ion:	198	Resp:	104152
Ion Ratio		Lower	Upper
198	100		
51	57.5	6.7	46.7#
105	55.5	16.6	56.6

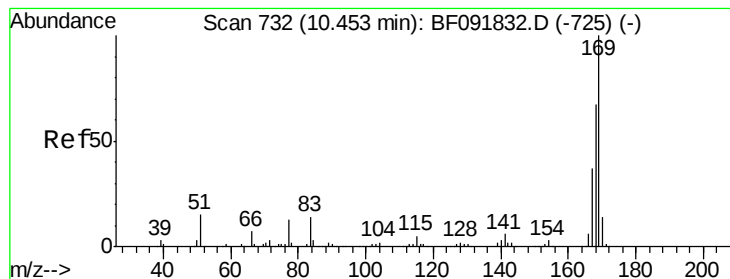


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





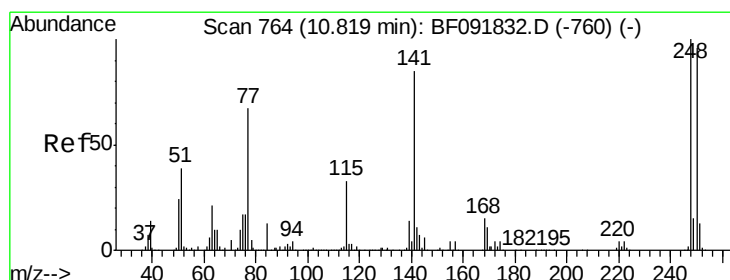
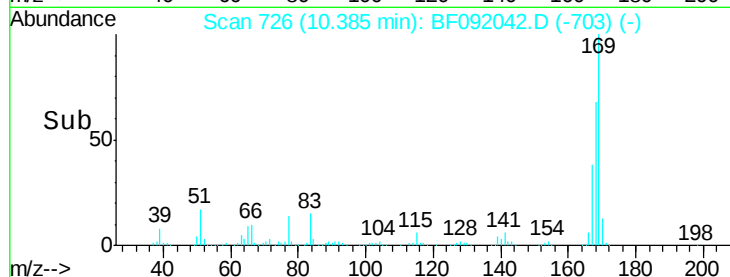
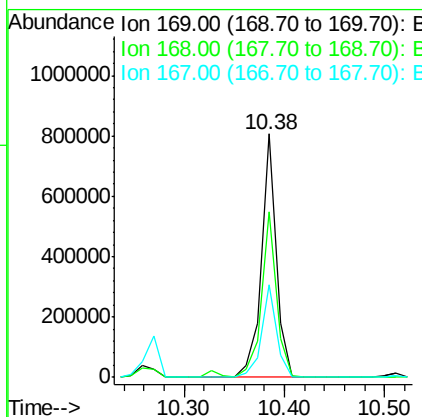
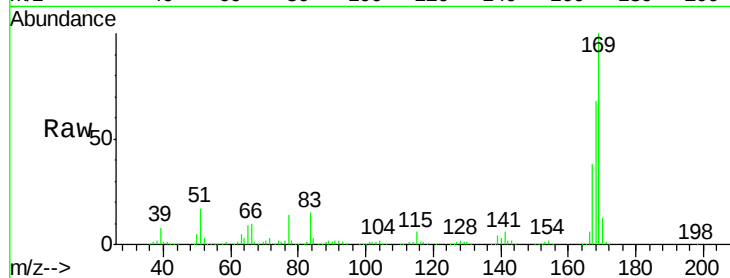
#65
n-Nitrosodiphenylamine
Concen: 46.76 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampled :
PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	834492		
168	68.0		54.2	81.2
167	38.0		30.2	45.4

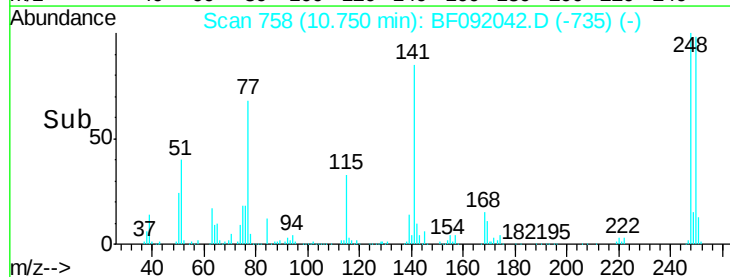
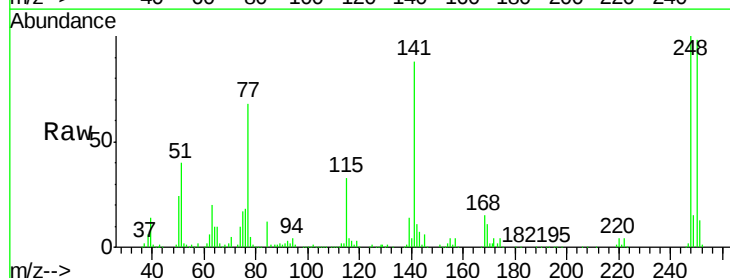
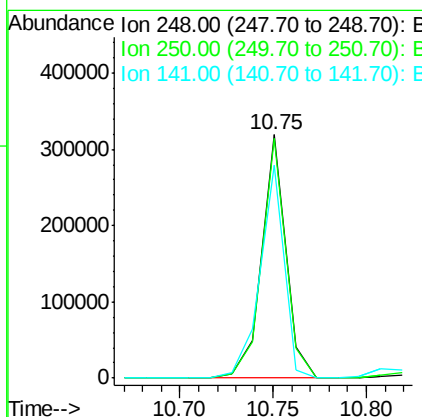
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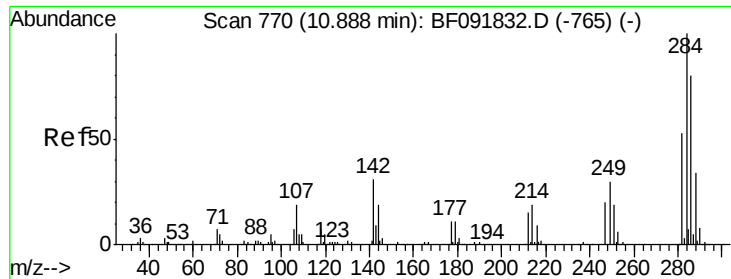
mohammad
1/3/2017 9:14:10 AM



#66
4-Bromophenyl-phenylether
Concen: 45.48 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	284591		
250	98.5		76.9	115.3
141	87.7		68.2	102.4





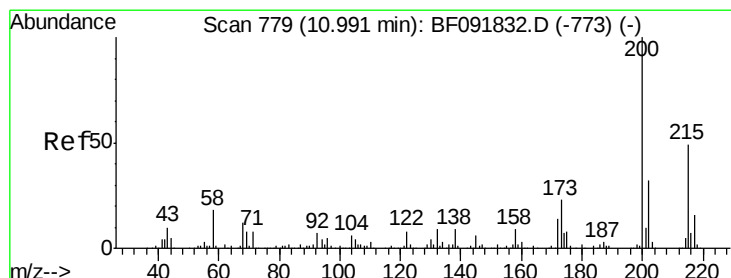
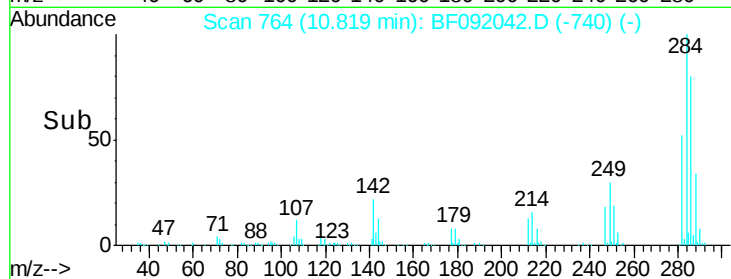
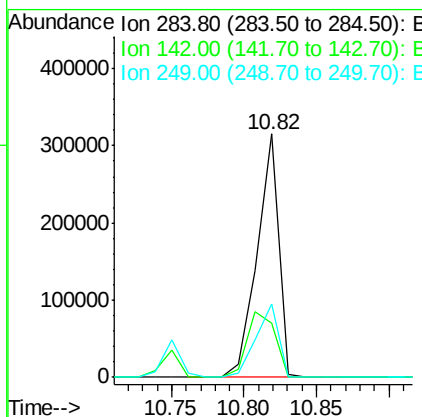
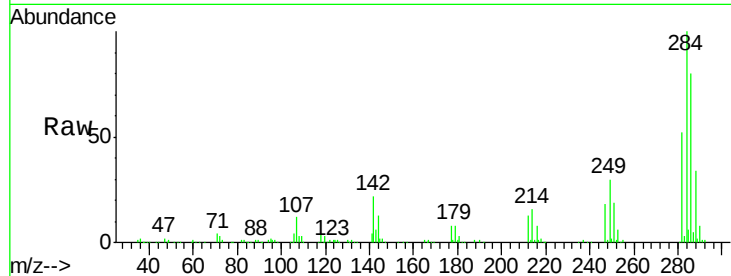
#67
Hexachlorobenzene
Concen: 48.77 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	326196		
142	22.4		22.6	33.8#
249	30.3		25.4	38.0

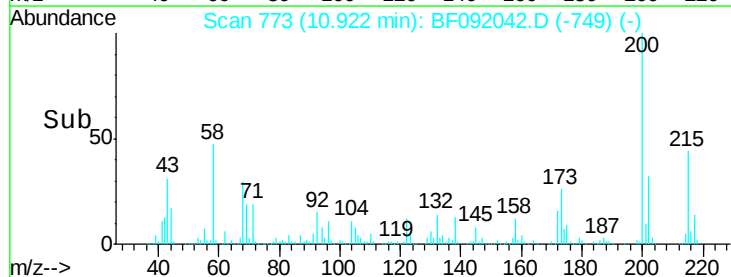
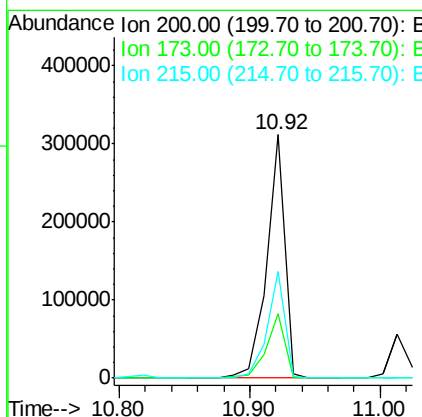
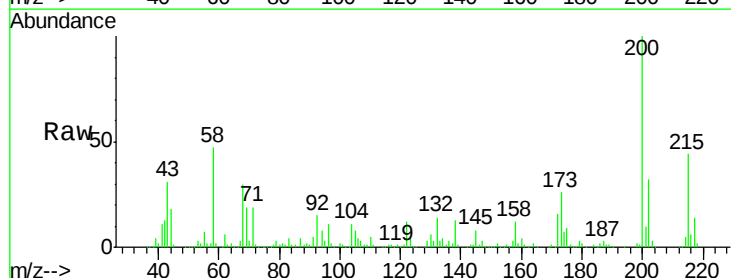
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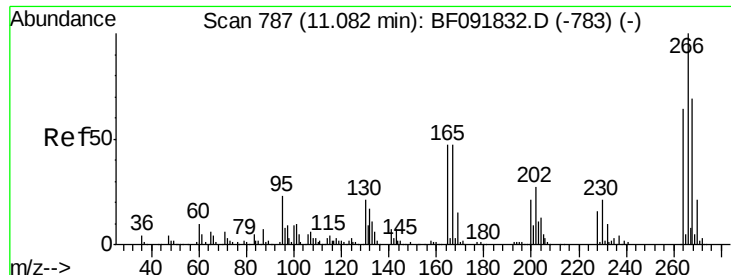
mohammad
1/3/2017 9:14:10 AM



#68
Atrazine
Concen: 52.19 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	300482		
173	26.4		9.6	49.6
215	43.9		25.7	65.7





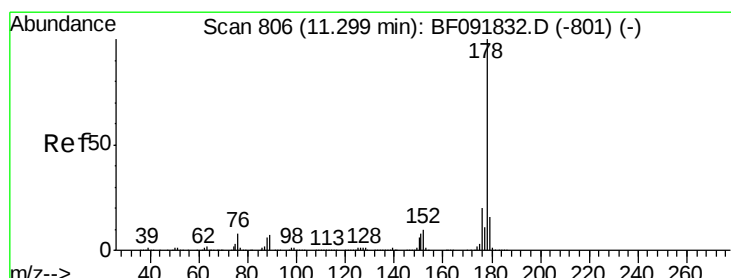
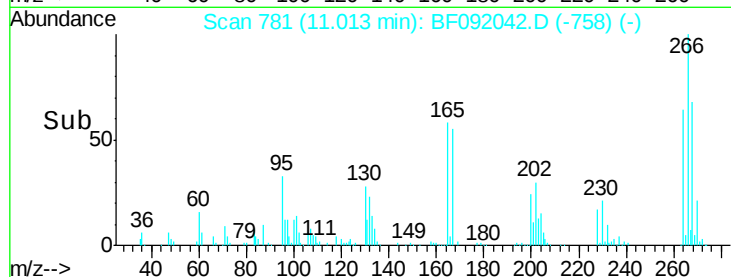
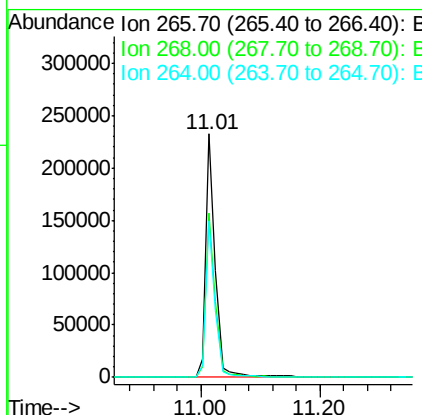
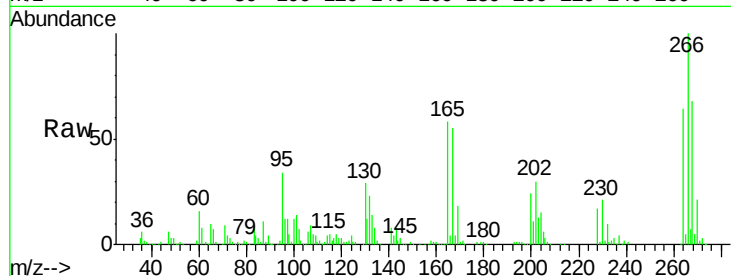
#69
 Pentachlorophenol
 Concen: 81.06 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.3	79.9
264	64.4	50.3	75.5

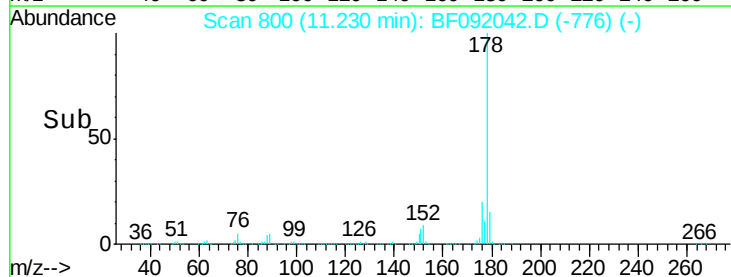
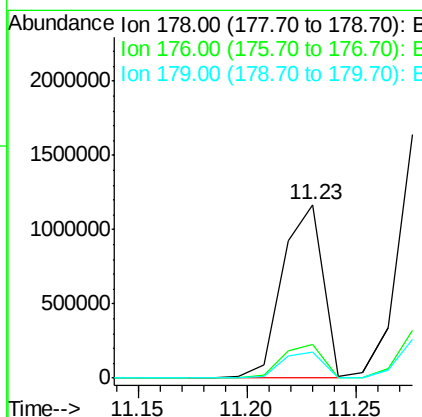
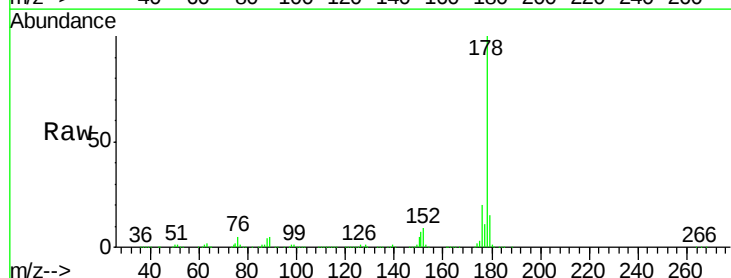
Manual Integrations
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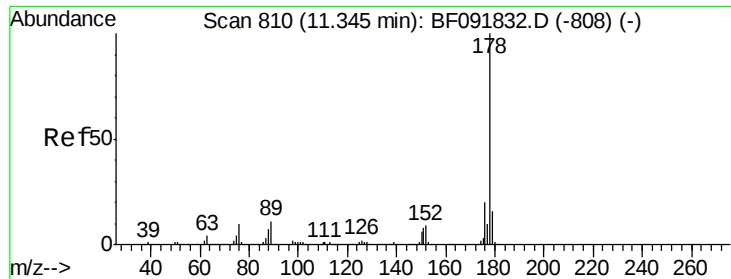
mohammad
 1/3/2017 9:14:10 AM



#70
 Phenanthrene
 Concen: 46.32 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.4	12.8	19.2





#71
 Anthracene
 Concen: 55.88 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

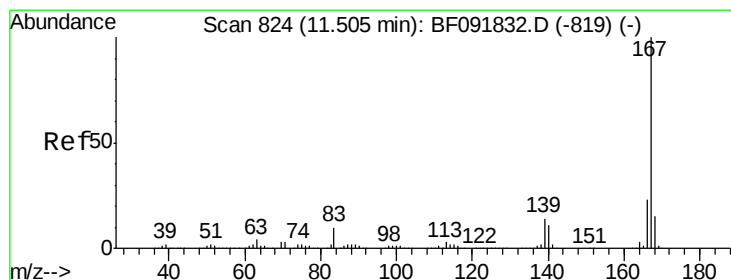
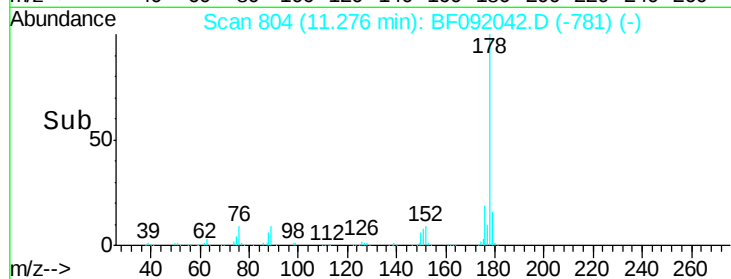
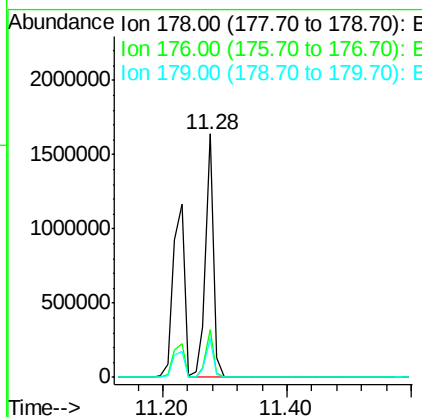
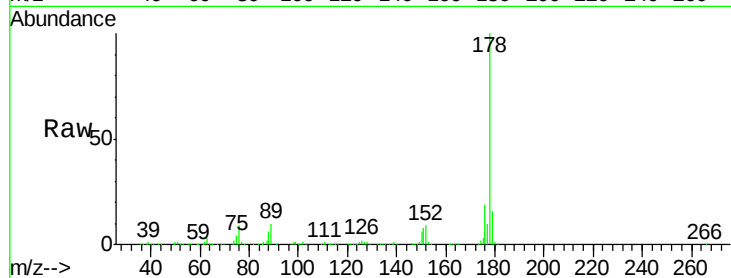
Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Tot Ion:178 Resp: 1482979

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.2	19.8

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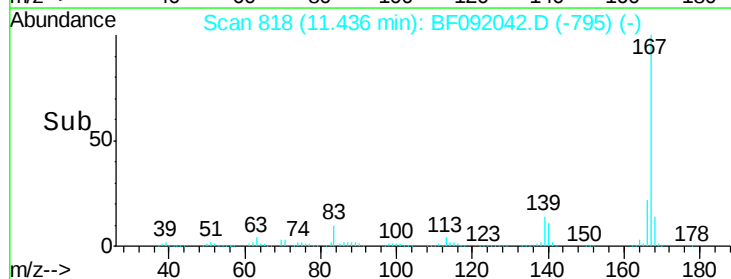
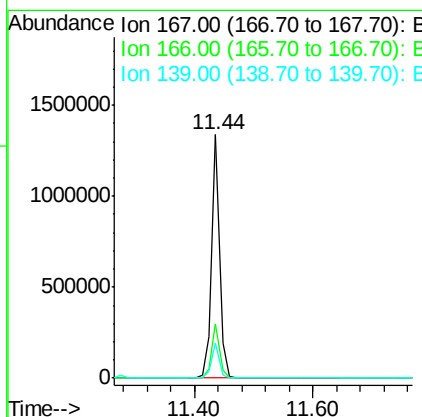
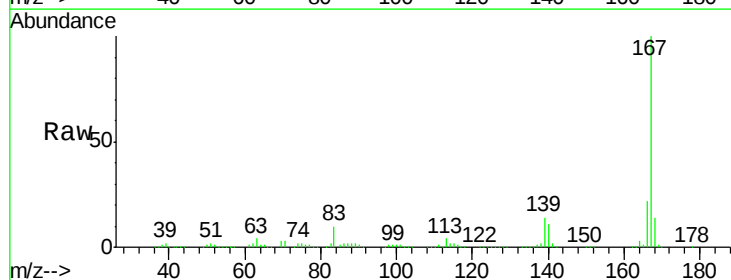
mohammad
 1/3/2017 9:14:10 AM



#72
 Carbazole
 Concen: 47.01 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion:167 Resp: 1237493

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	14.3	11.4	17.2





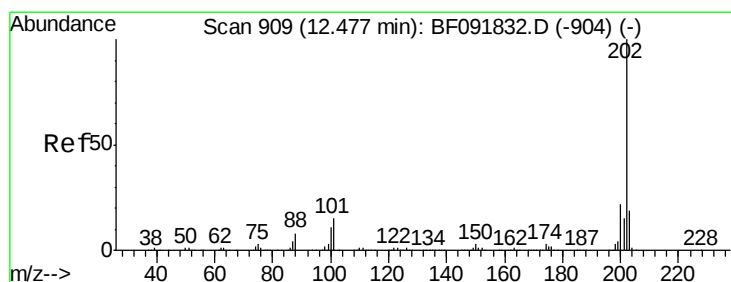
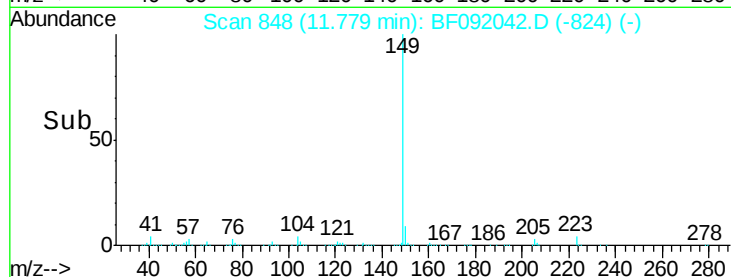
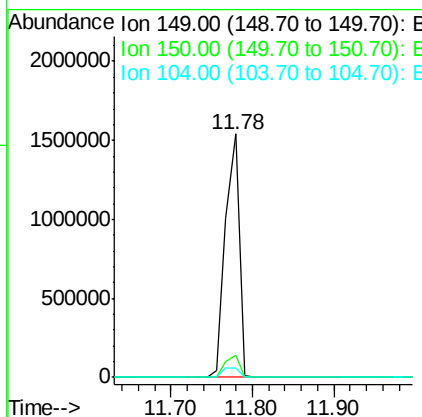
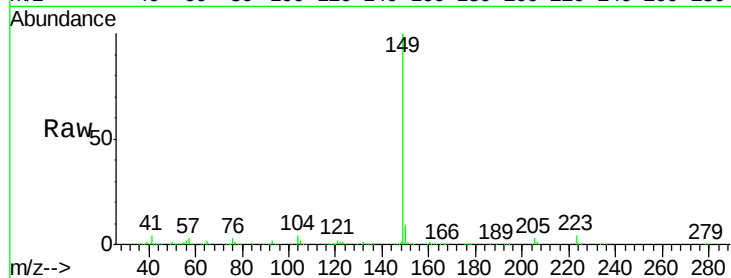
#73
Di-n-butylphthalate
Concen: 59.05 ng
RT: 11.78 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.1	4.6	7.0

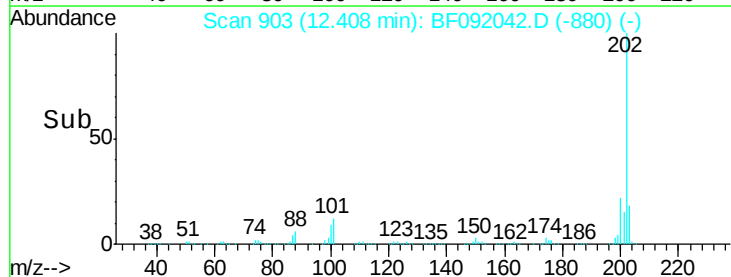
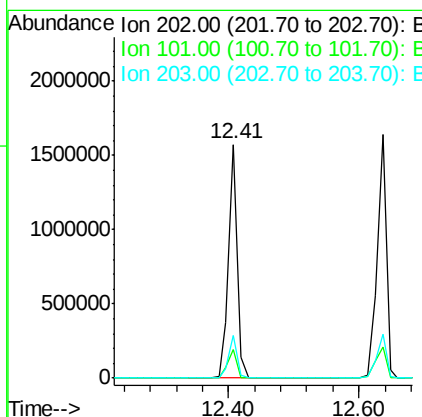
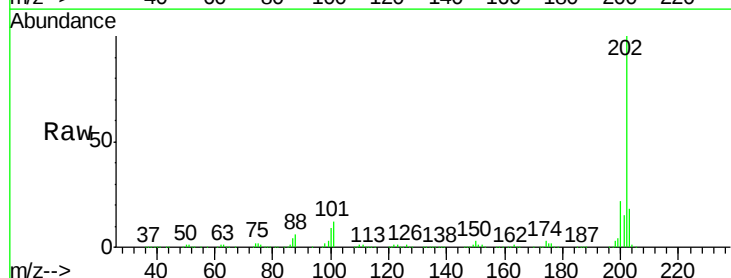
Manual Integrations
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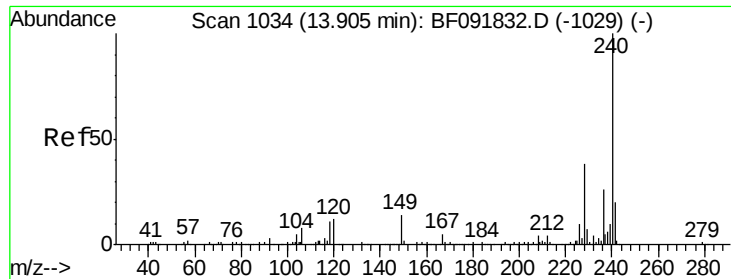
mohammad
1/3/2017 9:14:10 AM



#74
Fluoranthene
Concen: 51.29 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.6
203	18.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

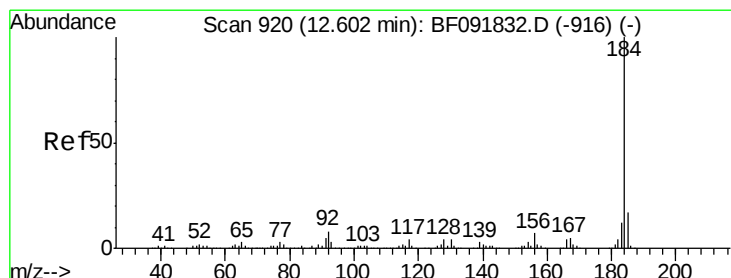
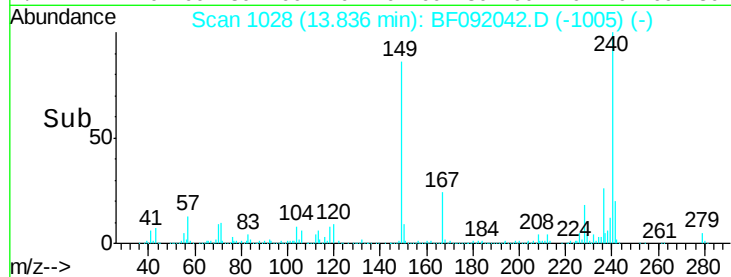
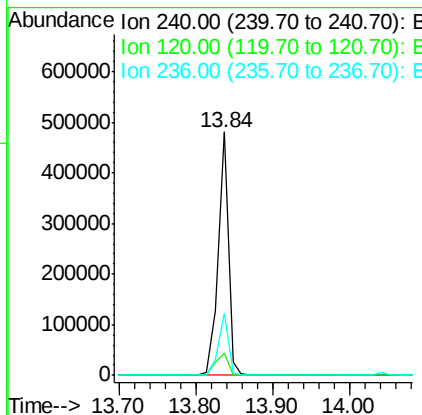
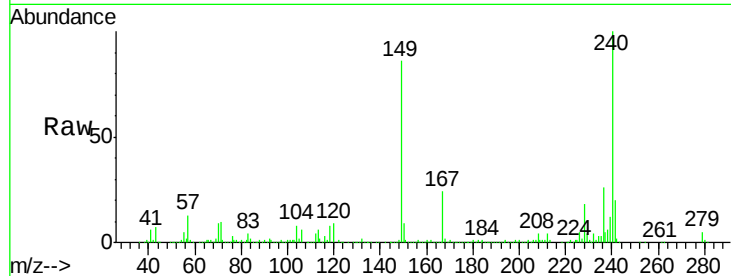
ClientSampleId :

PB95699BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	12.9	19.3#
236	25.5	20.9	31.3

Manual Integrations
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mohammad
1/3/2017 9:14:10 AM



#76

Benzidine

Concen: 4.70 ng

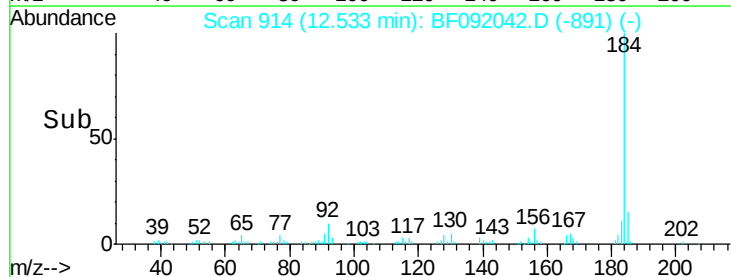
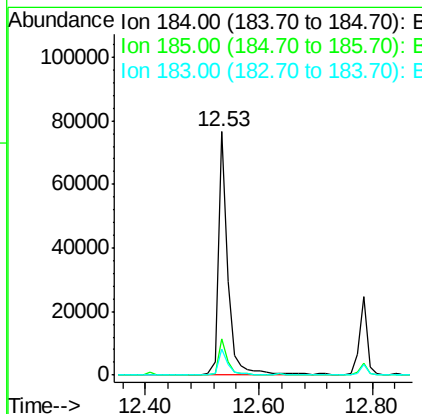
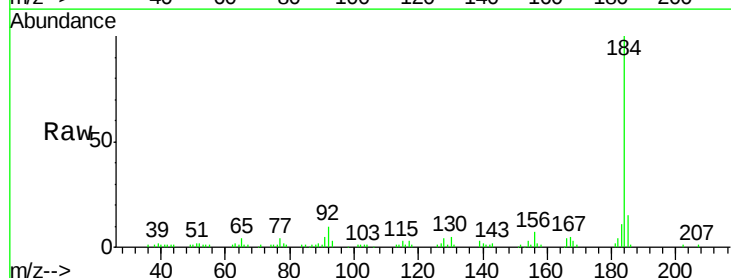
RT: 12.53 min Scan# 914

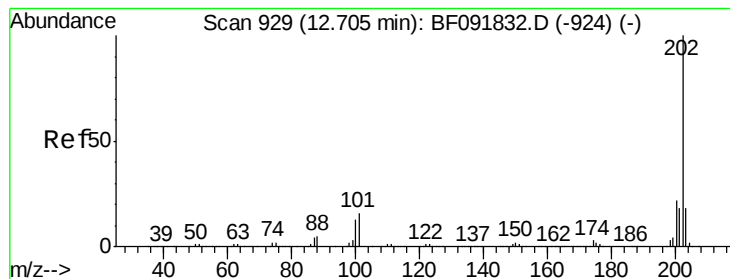
Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.0
183	10.6	9.2	13.8





#77

Pvrene

Concen: 47.88 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

Instrument :

BNA_F

ClientSampleId :

PB95699BS

Tot Ion:202 Resp: 1564336

Ion Ratio Lower Upper

202 100

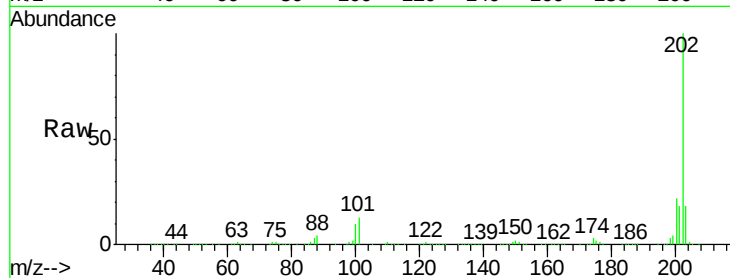
200 21.8 17.7 26.5

203 18.1 14.7 22.1

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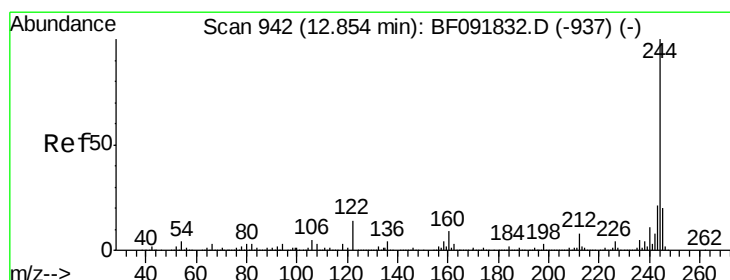
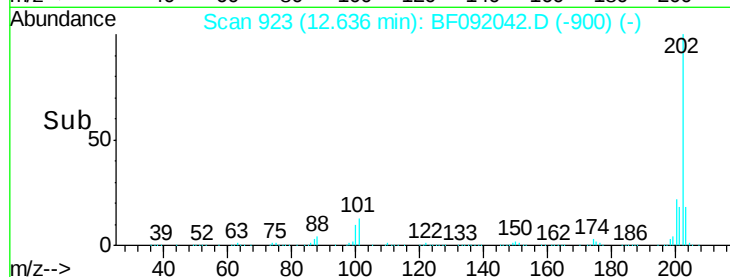
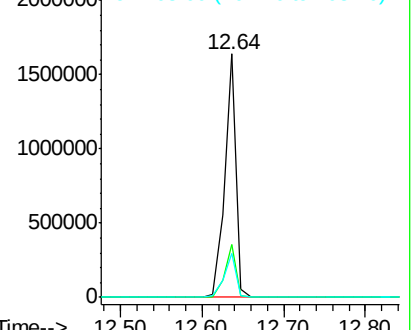
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.94 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092042.D

Acq: 30 Dec 2016 12:57

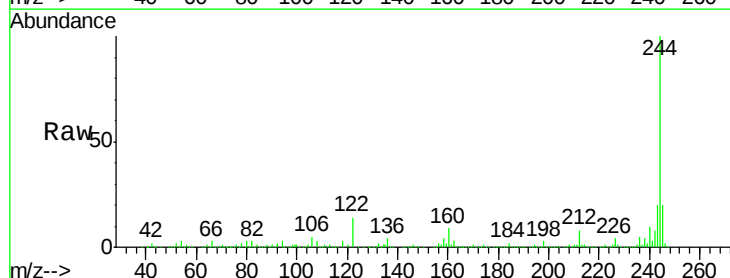
Tgt Ion:244 Resp: 1596403

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

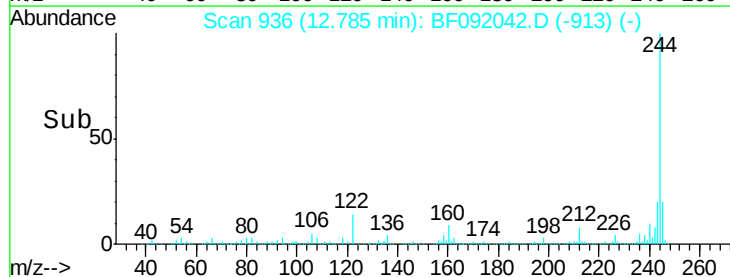
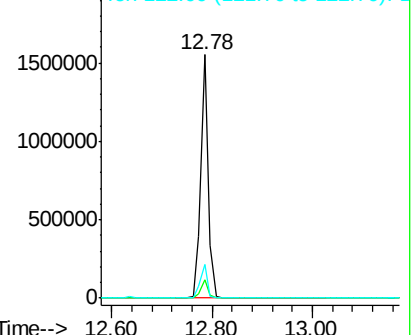
122 14.0 11.4 17.2

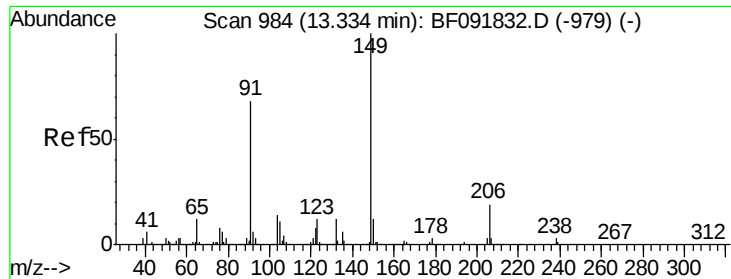


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





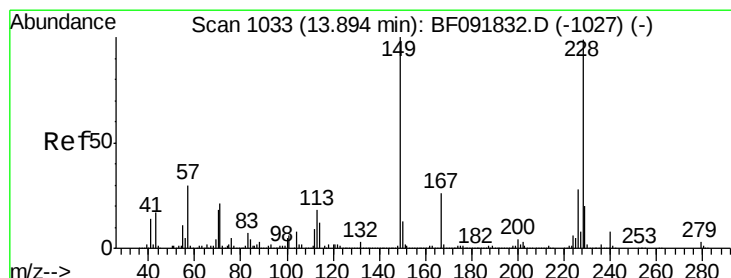
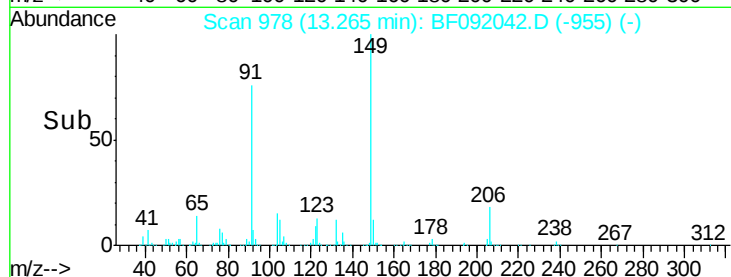
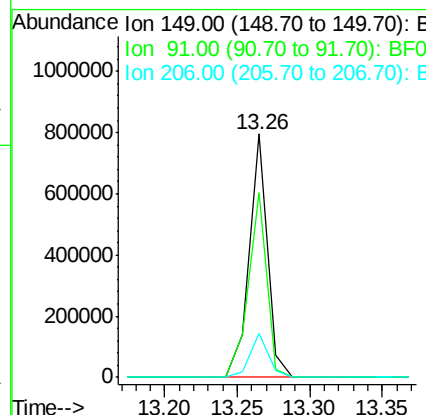
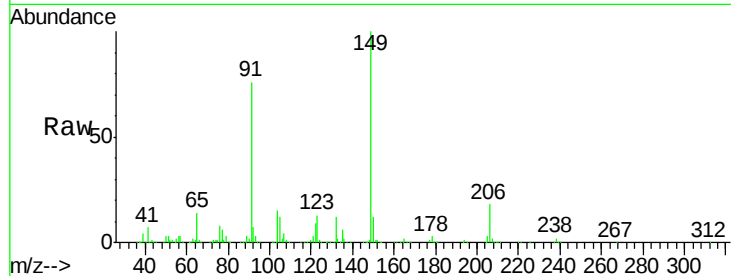
#79
Butylbenzylphthalate
Concen: 46.71 ng
RT: 13.26 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampled :
PB95699BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.1	63.9	95.9
206	17.9	14.6	21.8

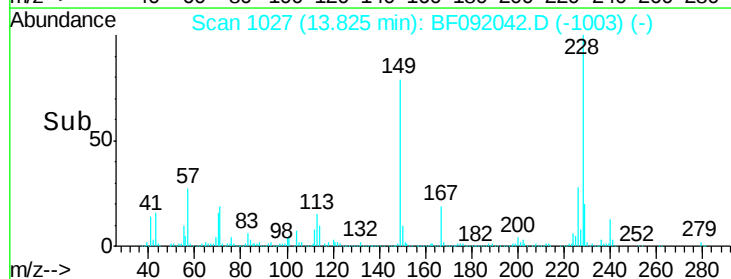
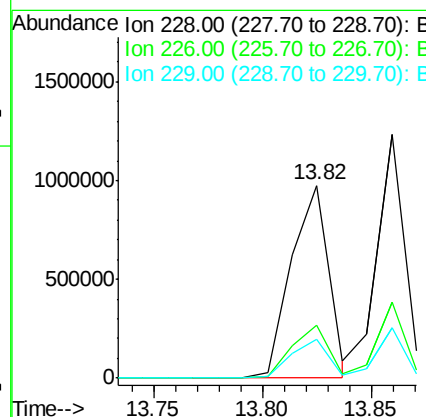
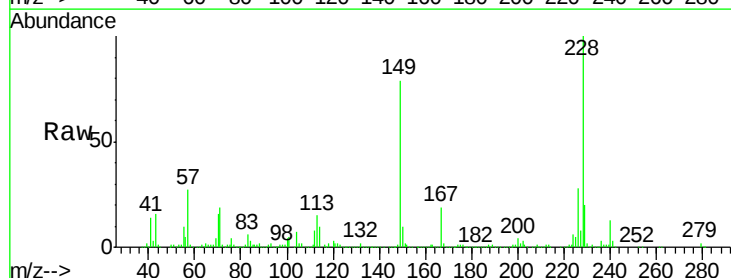
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#80
Benzo(a)anthracene
Concen: 46.82 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.1	16.2	24.4





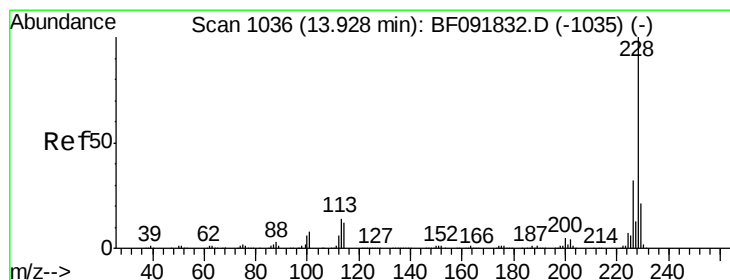
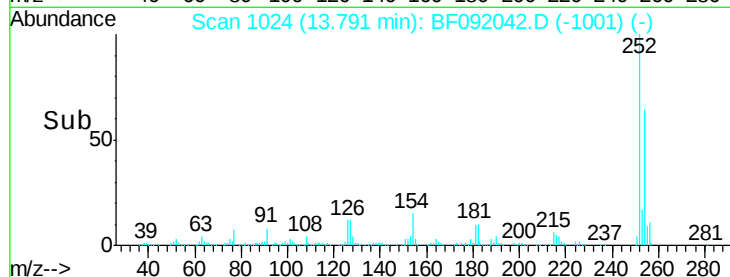
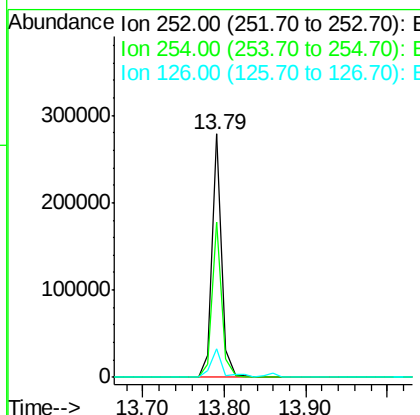
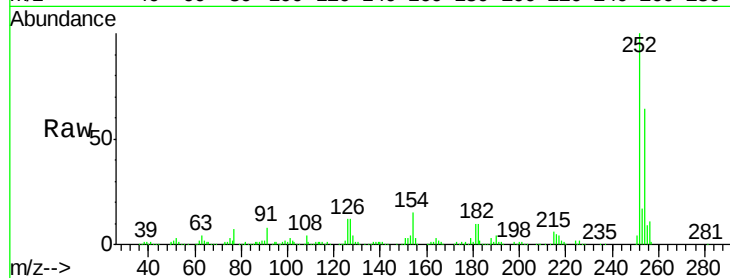
#81
 3,3'-Dichlorobenzidine
 Concen: 24.70 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	235500		
254	63.6	52.3	78.5	
126	11.7	13.6	20.4	

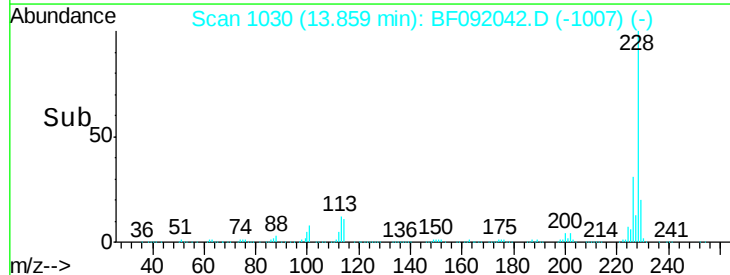
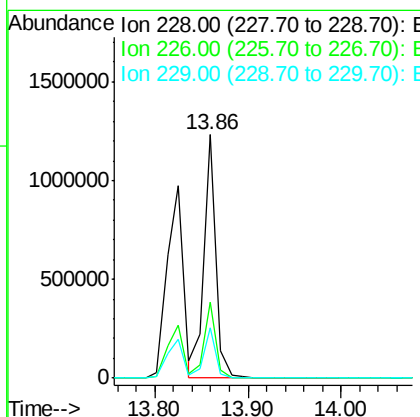
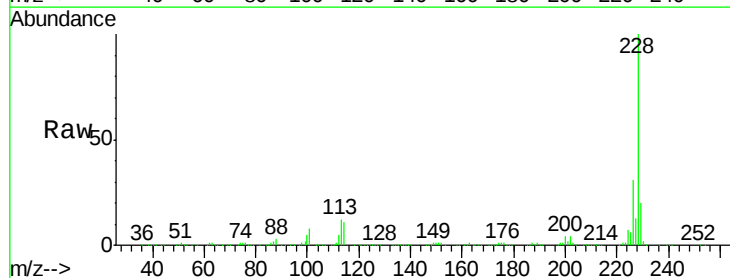
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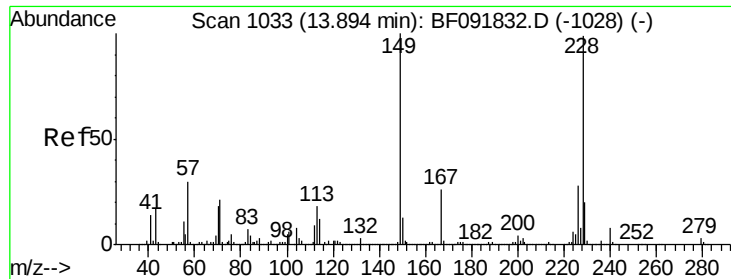
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#82
 Chrysene
 Concen: 44.20 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1114562		
226	31.3	25.4	38.0	
229	20.4	16.2	24.2	





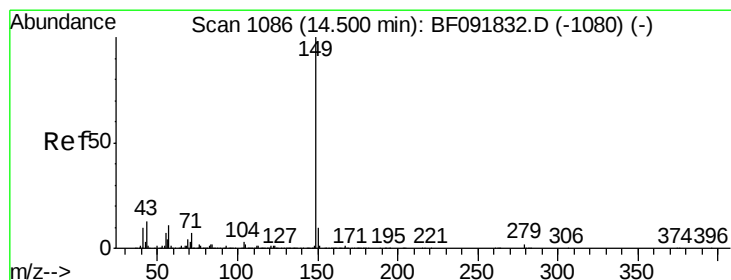
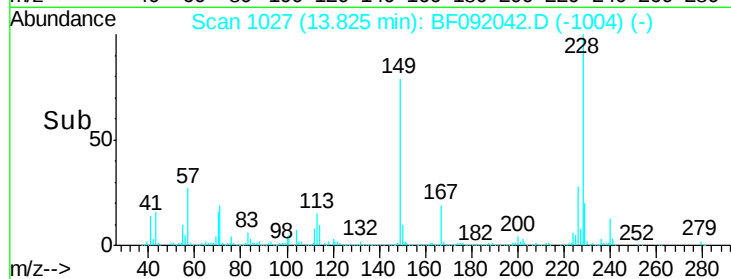
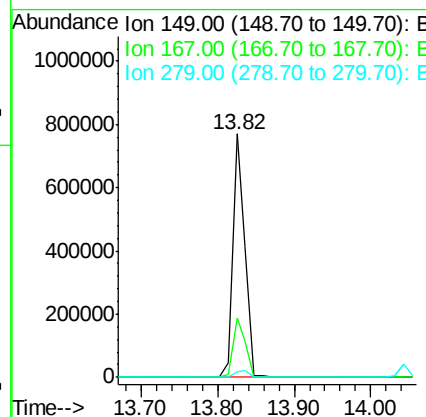
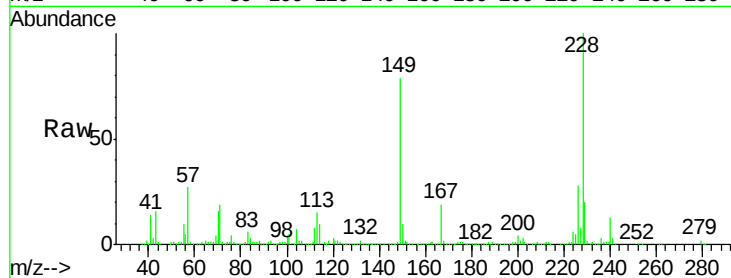
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.09 ng
 RT: 13.82 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleID :
 PB95699BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.2	30.4
279	2.2	1.8	2.8

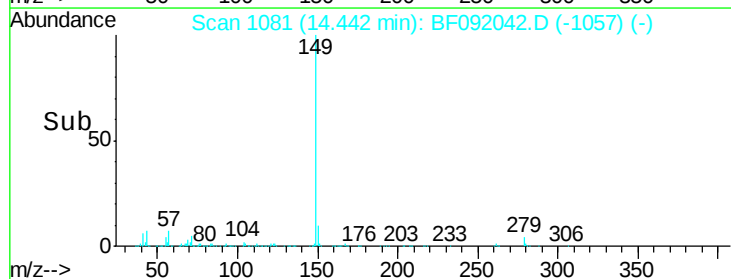
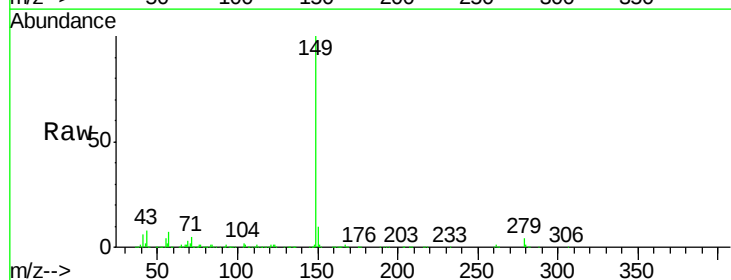
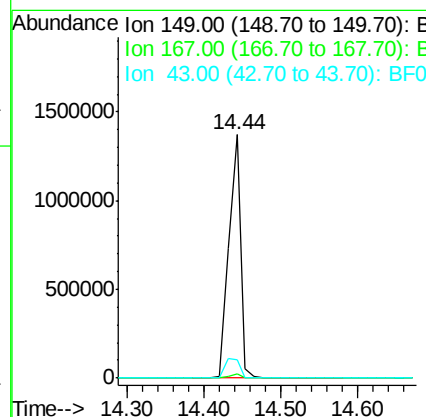
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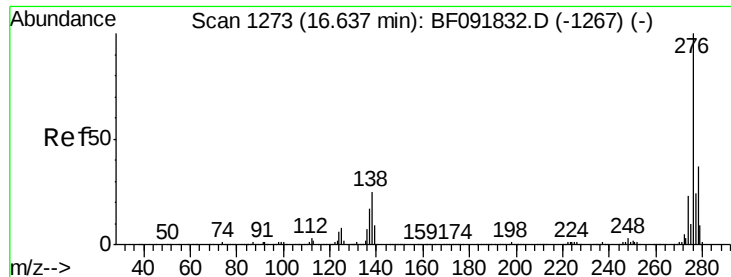
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 46.25 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.4	8.9	13.3





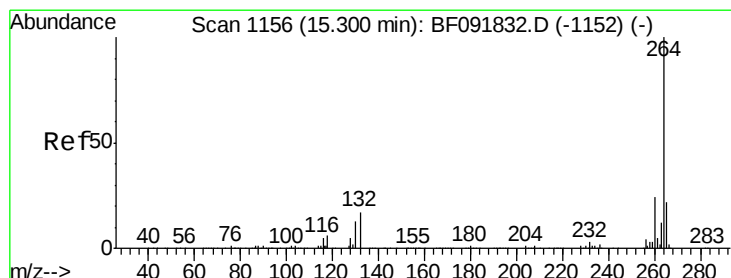
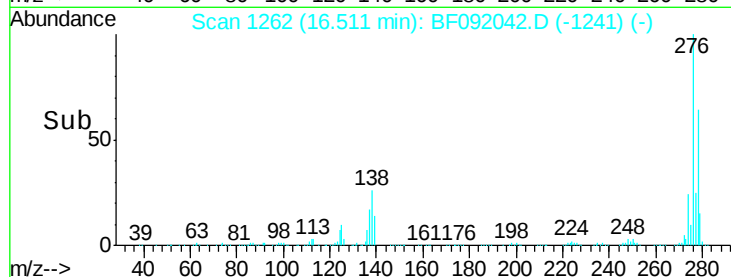
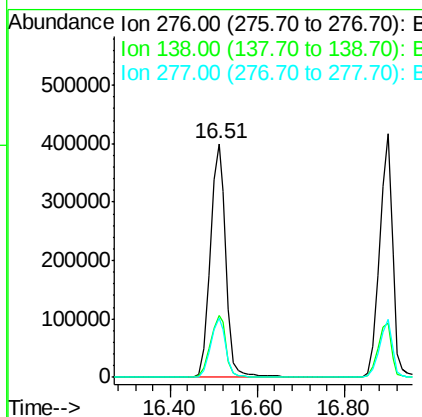
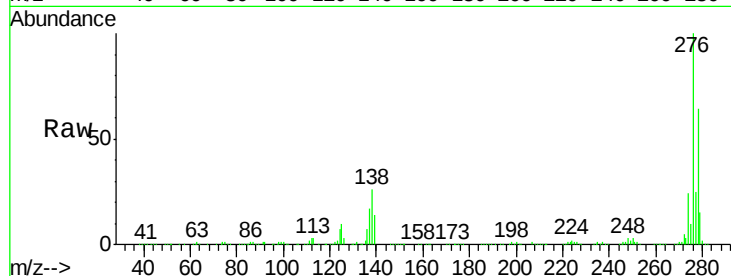
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.48 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.06 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion:276 Resp: 1015422
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 25.1 20.2 30.4

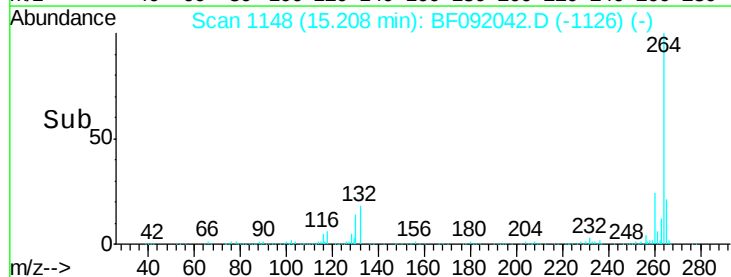
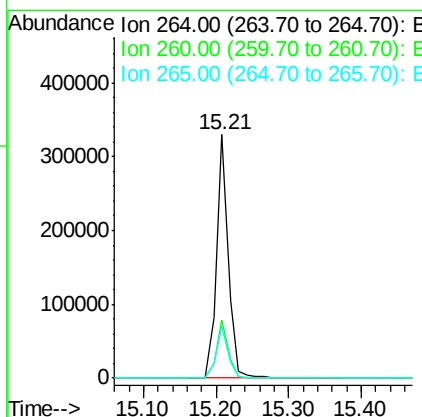
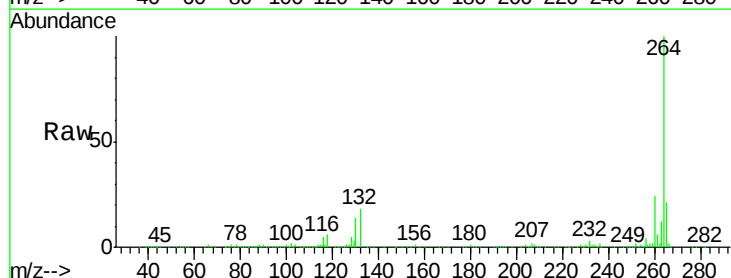
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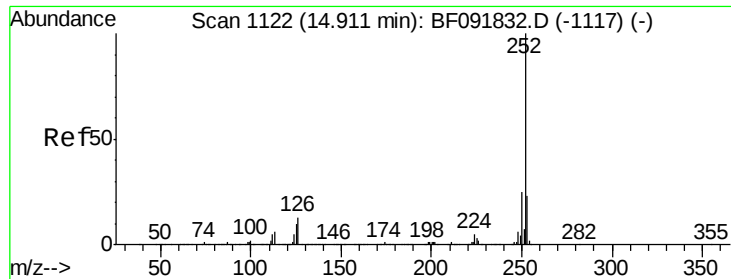
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion:264 Resp: 368548
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.0 17.4 26.0





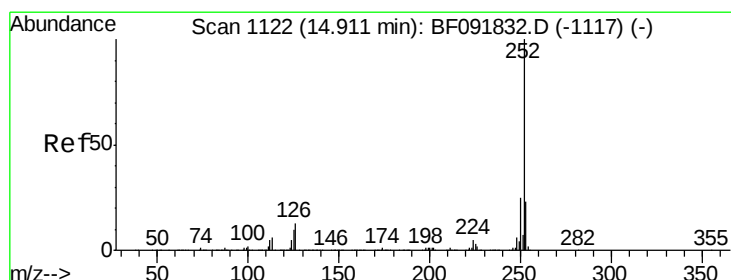
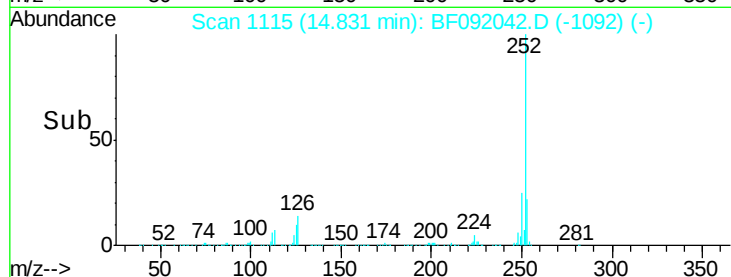
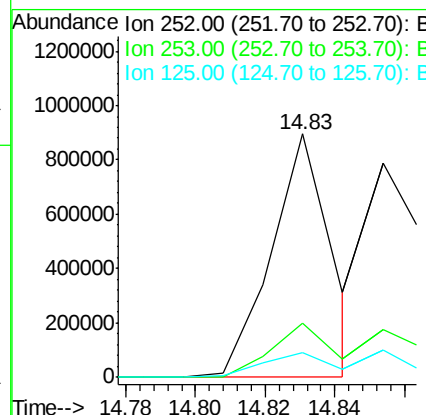
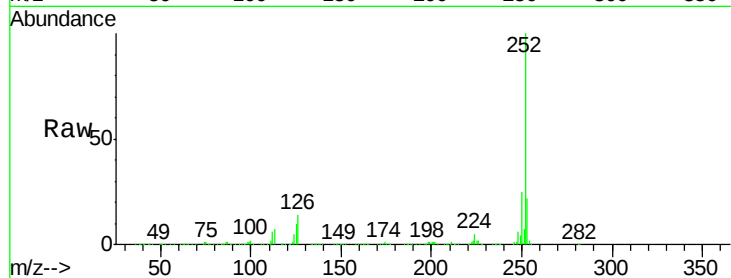
#87
Benzo(b)fluoranthene
Concen: 46.74 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.3	9.8	14.6

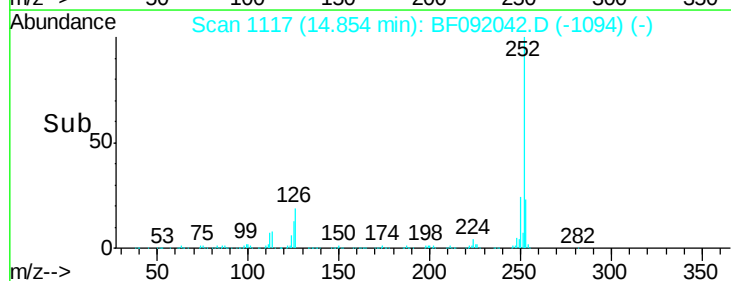
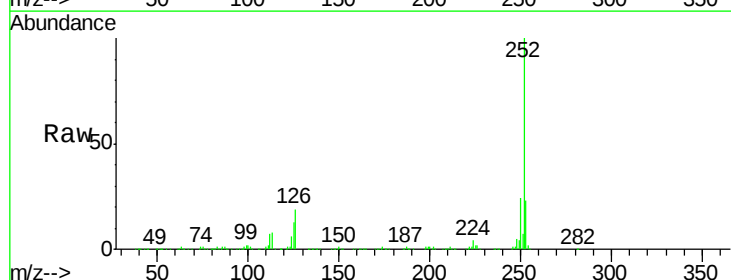
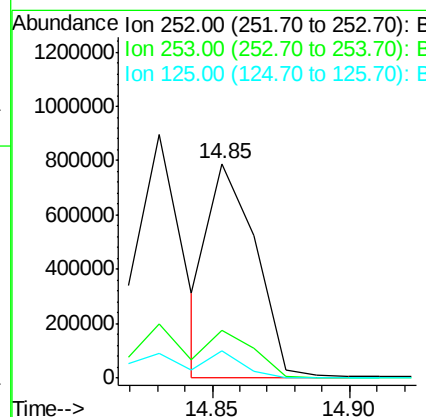
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#88
Benzo(k)fluoranthene
Concen: 47.79 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.5	8.9	13.3





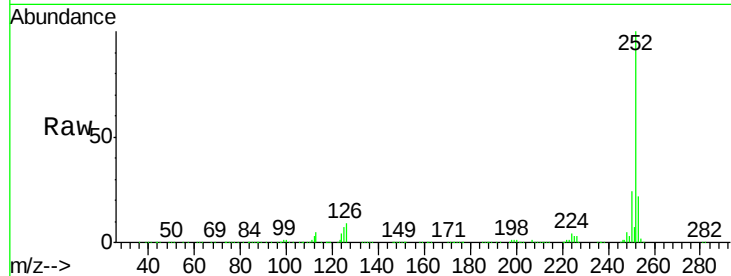
#89
Benzo(a)pyrene
Concen: 47.58 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Instrument :
BNA_F
ClientSampleId :
PB95699BS

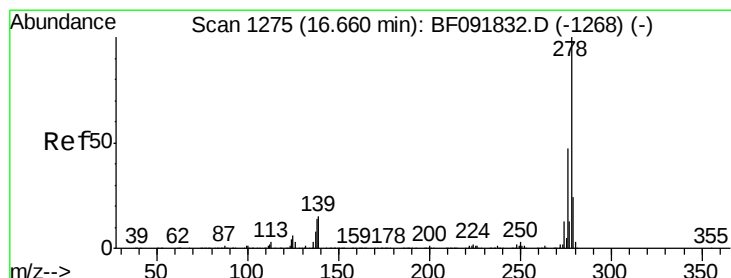
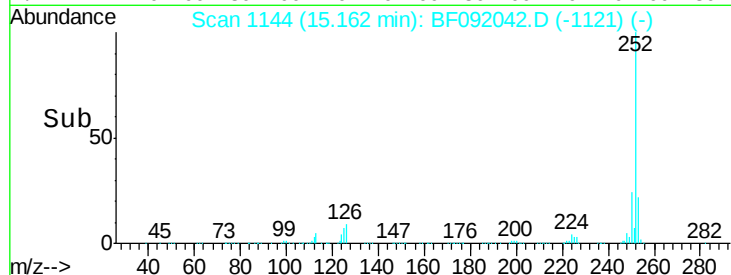
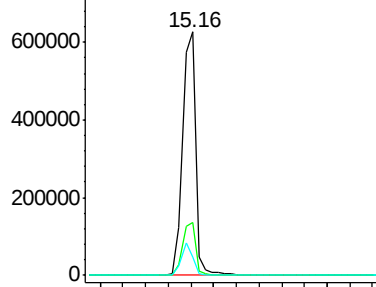
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	7.5	10.0	15.0

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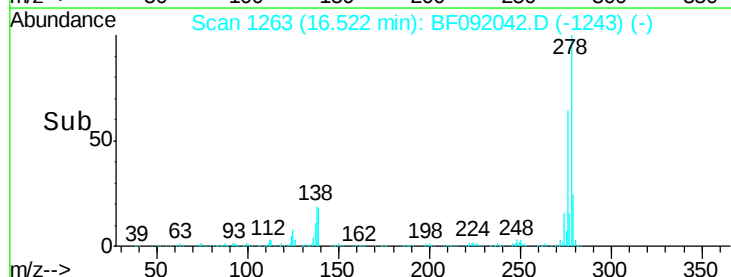
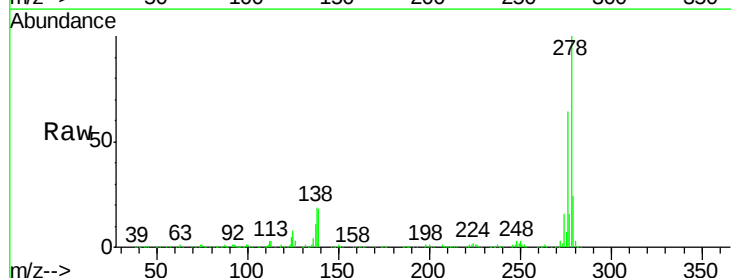
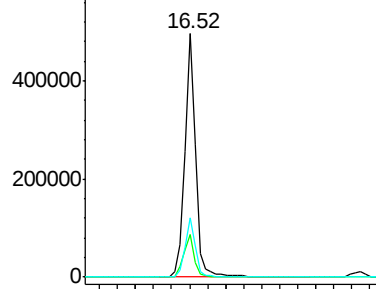
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

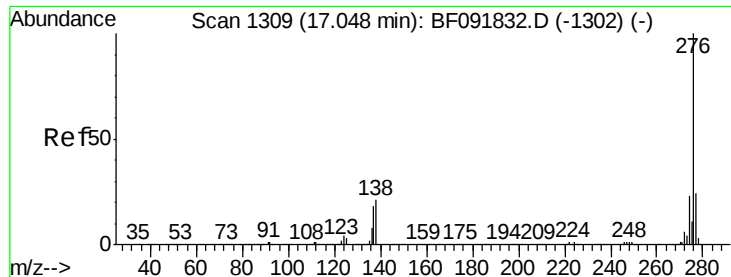


#90
Dibenzo(a,h)anthracene
Concen: 49.71 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF092042.D
Acq: 30 Dec 2016 12:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.8	22.2
279	24.4	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.08 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.07 min
 Lab File: BF092042.D
 Acq: 30 Dec 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB95699BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	871620		
277	24.0		19.2	28.8
138	22.1		16.0	24.0

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