

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092376.D
 Acq On : 20 Jan 2017 16:47
 Operator : UM/SJ
 Sample : I1260-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:44:52 PM

Quant Time: Jan 20 23:17:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	149272	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	867580	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	439812	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	666669	20.00	ng	0.00
75) Chrysene-d12	13.66	240	361999	20.00	ng	0.00
86) Perylene-d12	15.01	264	380599	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	1186670	132.74	ng	0.02
7) Phenol-d6	6.20	99	1488614	136.39	ng	0.01
23) Nitrobenzene-d5	7.10	82	992411	63.61	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	473953	130.21	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	2042943	96.99	ng	0.00
78) Terphenyl-d14	12.62	244	1659580	111.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	179347	40.75	ng	94
3) Pyridine	2.59	79	465437	30.30	ng	98
4) n-Nitrosodimethylamine	2.56	42	237481	40.98	ng	92
6) Aniline	6.19	93	295649	20.85	ng	# 59
8) 2-Chlorophenol	6.31	128	491215	48.30	ng	96
9) Benzaldehyde	6.07	77	27948	3.21	ng	93
10) Phenol	6.21	94	643901	51.77	ng	80
11) bis(2-Chloroethyl)ether	6.27	93	504731	51.00	ng	96
12) 1,3-Dichlorobenzene	6.46	146	461878	42.55	ng	# 96
13) 1,4-Dichlorobenzene	6.54	146	478070	43.27	ng	96
14) 1,2-Dichlorobenzene	6.69	146	445856	46.50	ng	98
15) Benzyl Alcohol	6.69	79	420886	49.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	697931	47.36	ng	# 25
17) 2-Methylphenol	6.82	107	395112	48.31	ng	# 88
18) Hexachloroethane	7.03	117	186018	45.41	ng	99
19) n-Nitroso-di-n-propylamine	6.96	70	376265	51.82	ng	97
20) 3+4-Methylphenols	6.98	107	512075	52.50	ng	# 71
22) Acetophenone	6.95	105	691787	32.33	ng	# 92
24) Nitrobenzene	7.12	77	558229	33.59	ng	90
25) Isophorone	7.36	82	1094864	38.04	ng	96
26) 2-Nitrophenol	7.44	139	353715	43.16	ng	# 76
27) 2,4-Dimethylphenol	7.50	122	605533	44.55	ng	95
28) bis(2-Chloroethoxy)methane	7.58	93	821278	47.05	ng	100
29) 2,4-Dichlorophenol	7.70	162	528650	45.93	ng	97
30) 1,2,4-Trichlorobenzene	7.76	180	551647	43.74	ng	99
31) Naphthalene	7.83	128	1739812	43.82	ng	100
32) Benzoic acid	7.64	122	109329	10.84	ng	95
33) 4-Chloroaniline	7.90	127	295840	16.52	ng	95
34) Hexachlorobutadiene	7.96	225	296497	44.54	ng	99
35) Caprolactam	8.29	113	177036m	46.81	ng	
36) 4-Chloro-3-methylphenol	8.42	107	609233	46.00	ng	90
37) 2-Methylnaphthalene	8.53	142	1192990	52.93	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	483329	43.50	ng	99
40) Hexachlorocyclopentadiene	8.68	237	185232	39.55	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	331325	42.64	nq	97
43) 2,4,5-Trichlorophenol	8.87	196	337556	42.21	nq	# 90
45) 1,1'-Biphenyl	9.00	154	1395949	46.36	nq	97
46) 2-Chloronaphthalene	9.01	162	1000224	41.94	nq	95
47) 2-Nitroaniline	9.12	65	370238	43.60	nq	94
48) Acenaphthylene	9.42	152	1503275	40.99	nq	99
49) Dimethylphthalate	9.31	163	1402171	49.85	nq	99
50) 2,6-Dinitrotoluene	9.38	165	277190	45.02	nq	# 71
51) Acenaphthene	9.59	154	949887	38.20	nq	99
52) 3-Nitroaniline	9.54	138	202760	26.61	nq	90
53) 2,4-Dinitrophenol	9.66	184	131161	38.29	nq	# 89
54) Dibenzofuran	9.76	168	1315282	39.17	nq	99
55) 4-Nitrophenol	9.73	139	392223m	75.81	nq	
56) 2,4-Dinitrotoluene	9.78	165	349664	45.25	nq	96
57) Fluorene	10.11	166	991891	40.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	286750	45.33	nq	93
59) Diethylphthalate	10.00	149	1223700	44.79	nq	98
60) 4-Chlorophenyl-phenylether	10.11	204	481796	45.04	nq	# 82
61) 4-Nitroaniline	10.15	138	293718	37.20	nq	93
62) Azobenzene	10.27	77	1410869	46.91	nq	85
64) 4,6-Dinitro-2-methylphenol	10.19	198	149898	37.18	nq	82
65) n-Nitrosodiphenylamine	10.23	169	1030756	52.10	nq	99
66) 4-Bromophenyl-phenylether	10.59	248	306999	44.27	nq	98
67) Hexachlorobenzene	10.66	284	327156	44.14	nq	99
68) Atrazine	10.77	200	324202	50.81	nq	94
69) Pentachlorophenol	10.86	266	274624	75.50	nq	98
70) Phenanthrene	11.06	178	1456205	40.28	nq	99
71) Anthracene	11.11	178	1592998	52.84	nq	99
72) Carbazole	11.27	167	1322133	43.96	nq	99
73) Di-n-butylphthalate	11.62	149	1776983	52.57	nq	98
74) Fluoranthene	12.24	202	1432319	45.18	nq	92
76) Benzidine	12.37	184	226147	21.16	nq	97
77) Pyrene	12.46	202	1299117	48.91	nq	99
79) Butylbenzylphthalate	13.10	149	673447	55.75	nq	86
80) Benzo(a)anthracene	13.65	228	972711	47.60	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	298210	38.49	nq	# 95
82) Chrysene	13.69	228	897922	43.81	nq	98
83) Bis(2-ethylhexyl)phthalate	13.66	149	777363	54.64	nq	100
84) Di-n-octyl phthalate	14.28	149	1367491	51.89	nq	96
85) Indeno(1,2,3-cd)pyrene	16.22	276	979110	55.14	nq	100
87) Benzo(b)fluoranthene	14.66	252	1013333m	42.76	nq	
88) Benzo(k)fluoranthene	14.68	252	799796m	39.58	nq	
89) Benzo(a)pyrene	14.97	252	909892	43.26	nq	# 96
90) Dibenzo(a,h)anthracene	16.23	278	817210	47.27	nq	95
91) Benzo(g,h,i)perylene	16.58	276	848071	47.18	nq	# 95

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

```

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Sample    : I1260-01MS
Misc      :
ALS Vial  : 12      Sample Multiplier: 1

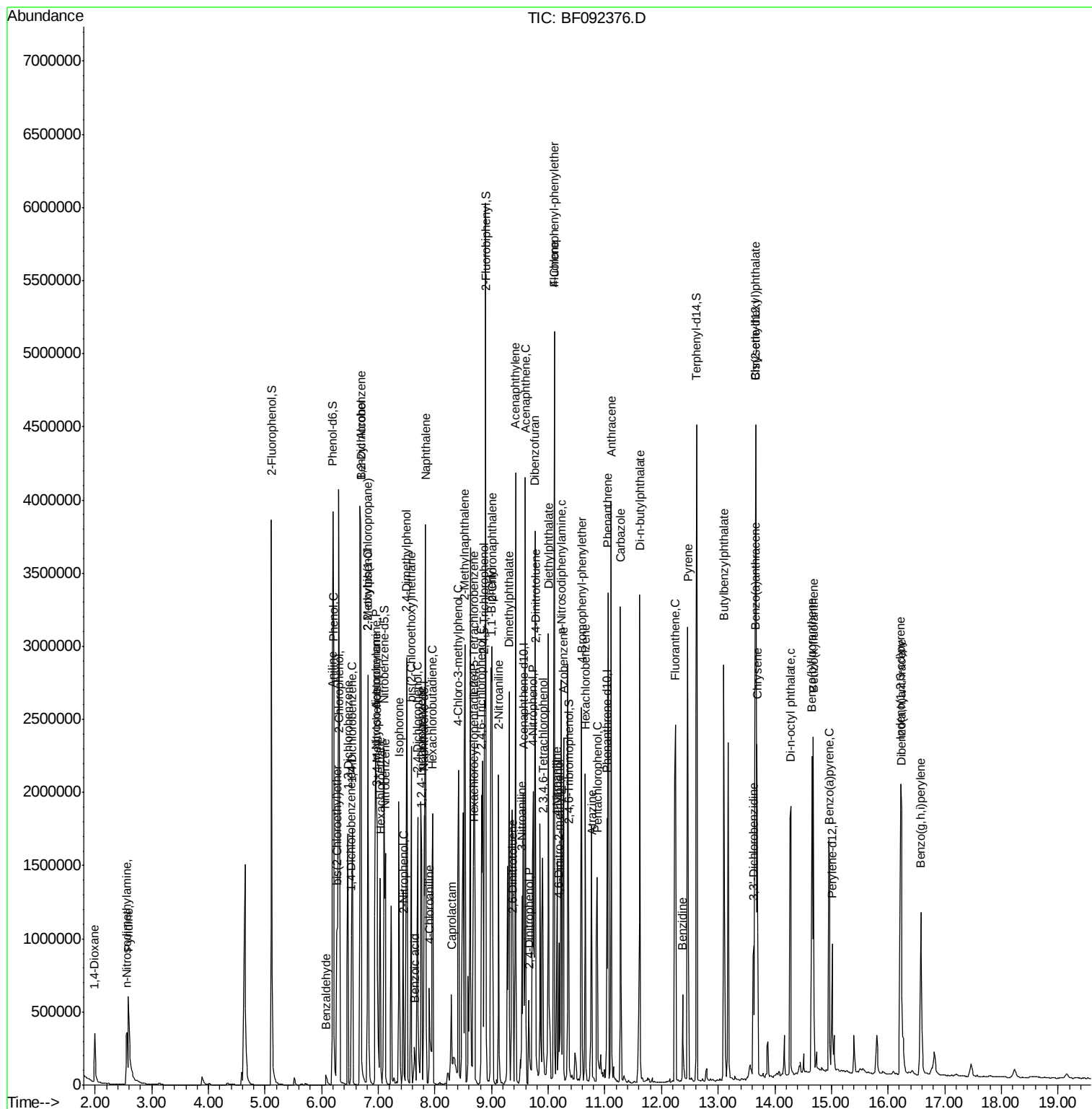
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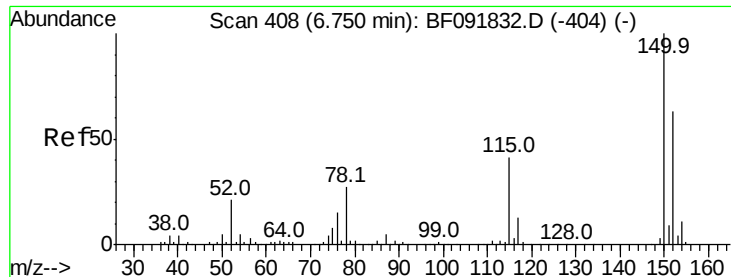
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

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Quant Time: Jan 20 23:17:14 2017
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QLast Update : Fri Jan 20 22:22:14 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

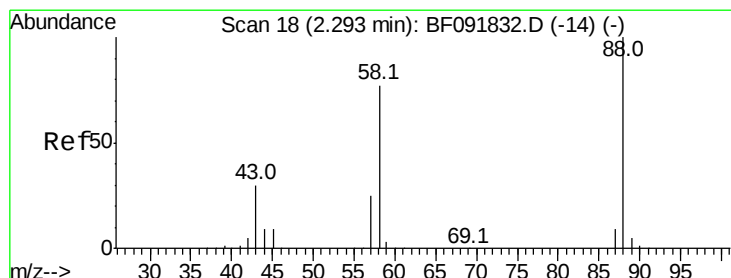
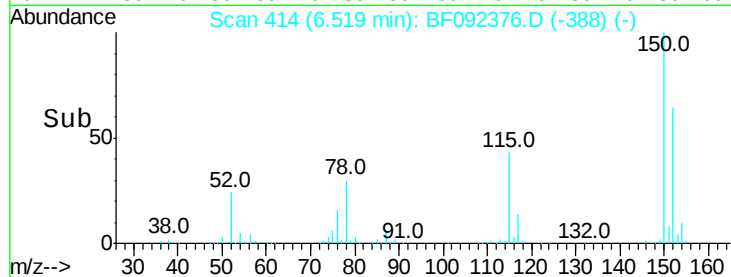
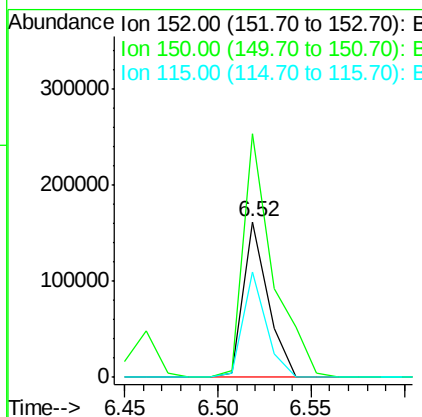
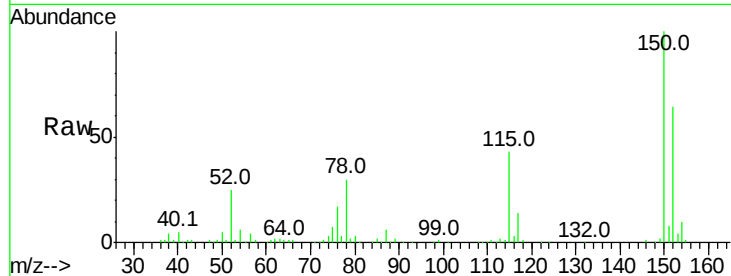
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	67.6	46.0	69.0

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#2

1,4-Dioxane

Concen: 40.75 ng

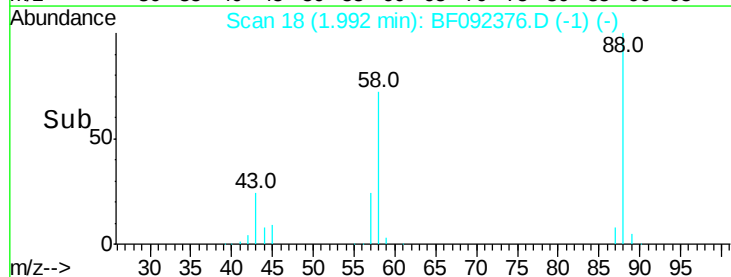
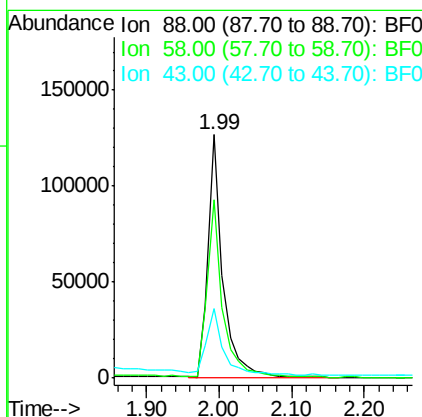
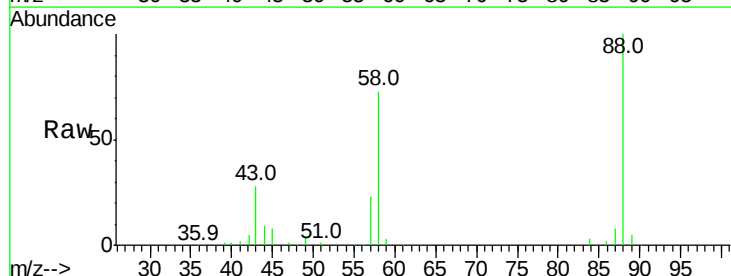
RT: 1.99 min Scan# 18

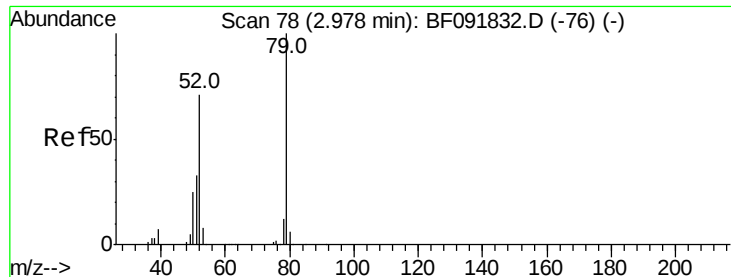
Delta R.T. 0.07 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	57.8	86.8
43	32.3	22.3	33.5





#3

Pvridine

Concen: 30.30 ng

RT: 2.59 min Scan# 70

Delta R.T. 0.07 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

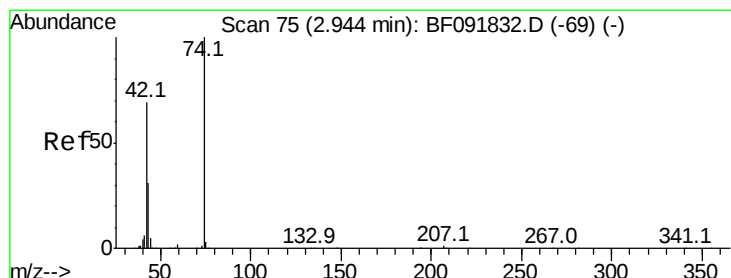
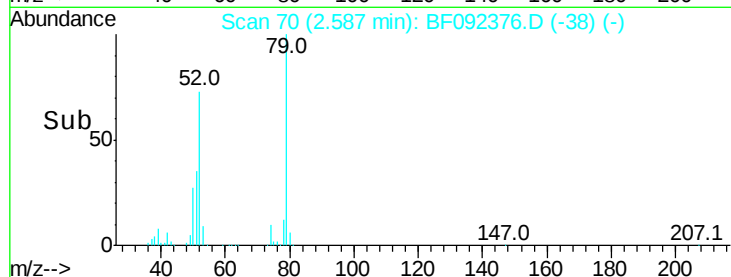
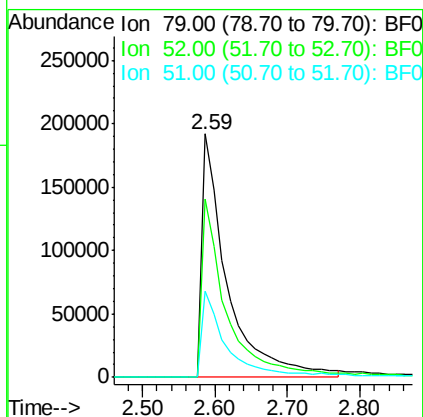
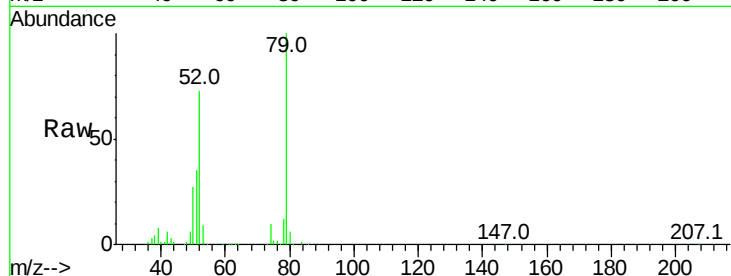
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.4	57.1	85.7
51	35.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.98 ng

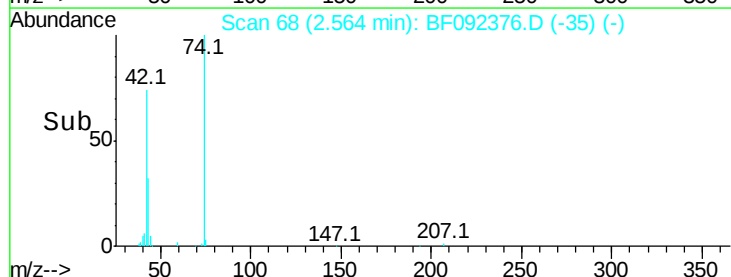
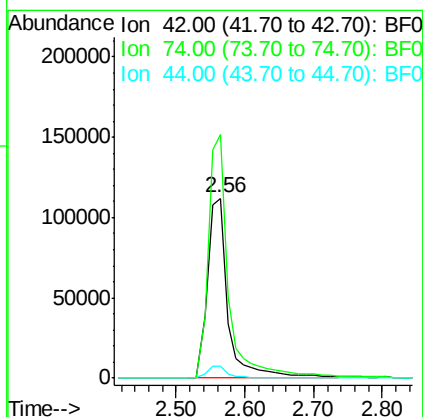
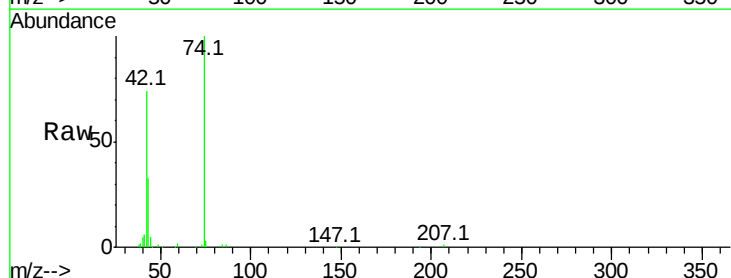
RT: 2.56 min Scan# 68

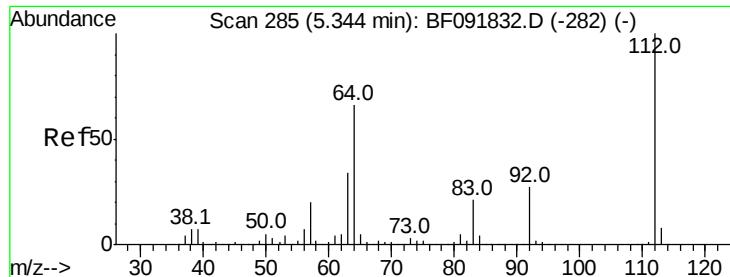
Delta R.T. 0.08 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.3	117.0	175.4
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 132.74 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

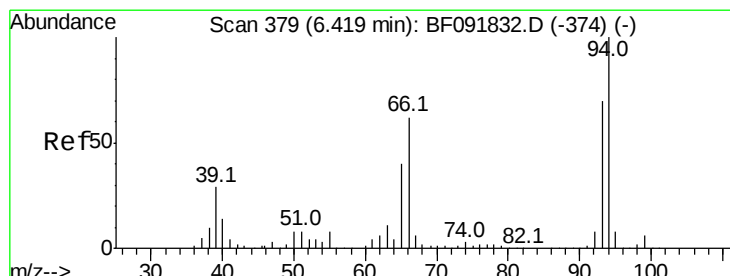
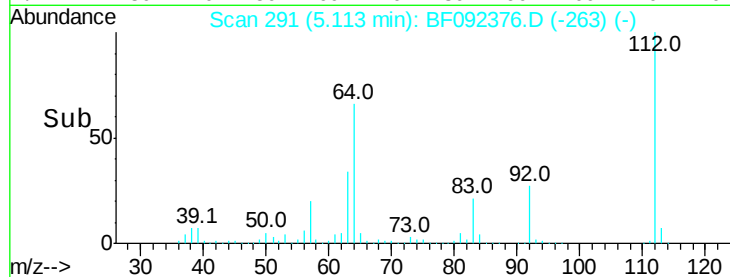
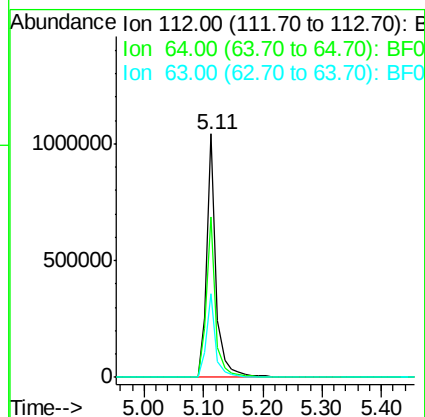
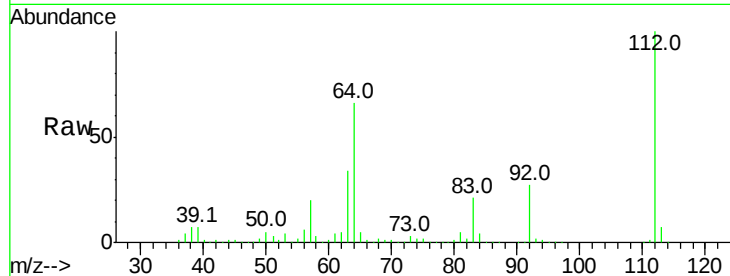
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion:	112	Resp:	1186670
Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.1	69.1
63	34.4	23.8	35.6

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#6

Aniline

Concen: 20.85 ng

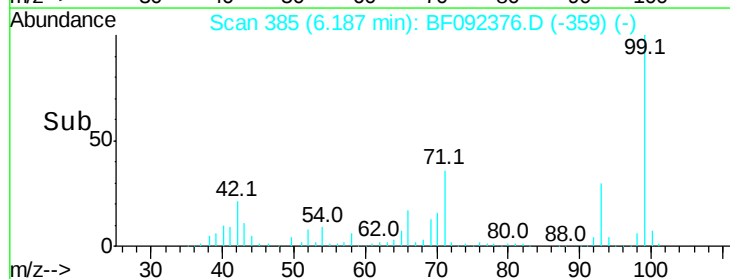
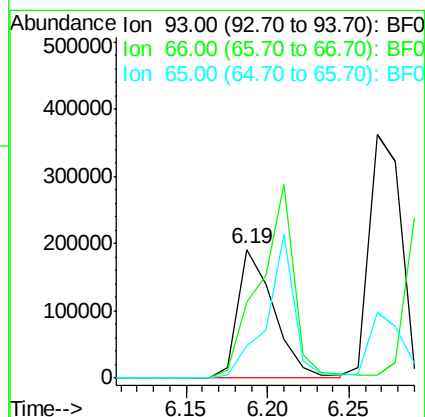
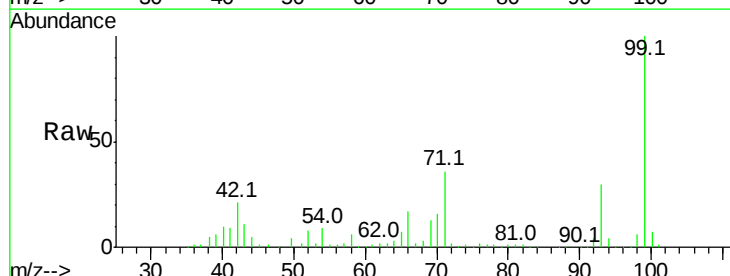
RT: 6.19 min Scan# 385

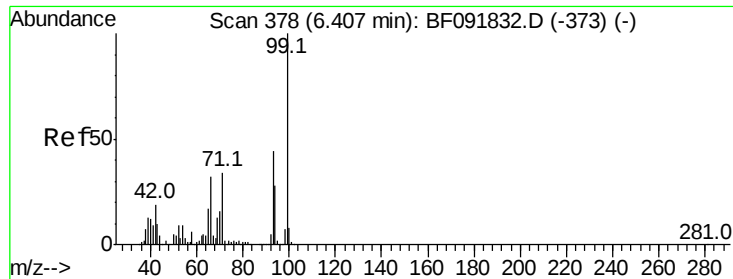
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:	93	Resp:	295649
Ion	Ratio	Lower	Upper
93	100		
66	59.0	76.2	114.2#
65	25.1	49.3	73.9#





#7

Phenol-d6

Concen: 136.39 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion: 99 Resp: 1488614

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

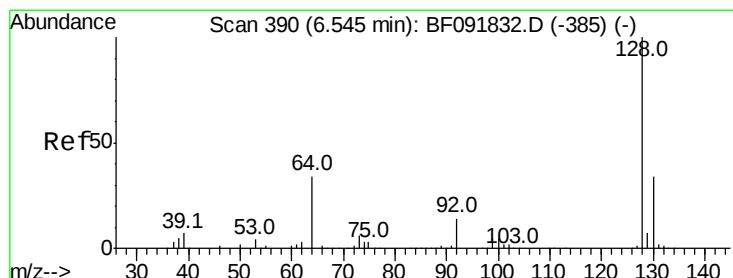
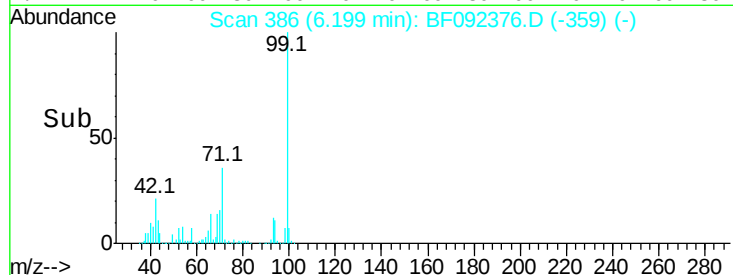
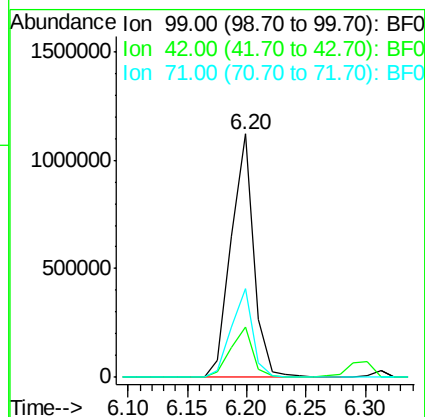
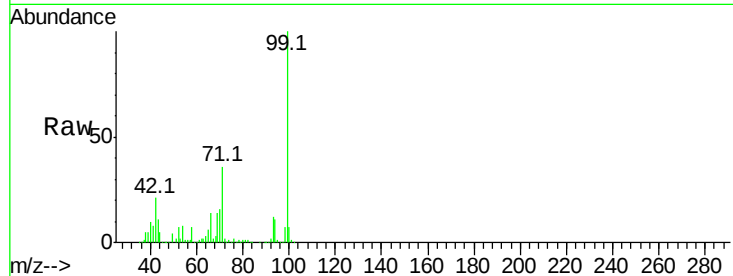
71 36.3 27.5 41.3

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#8

2-Chlorophenol

Concen: 48.30 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

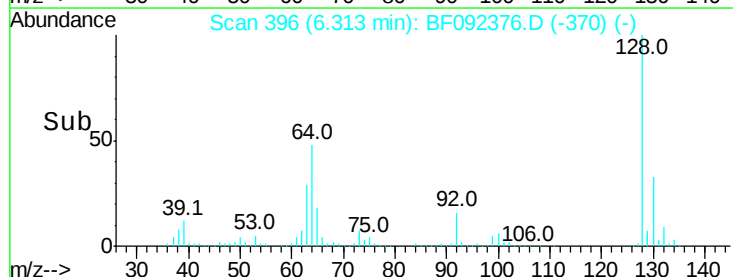
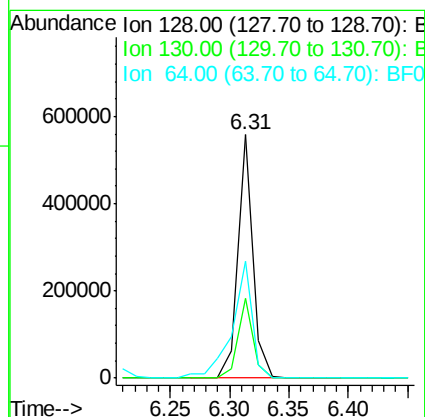
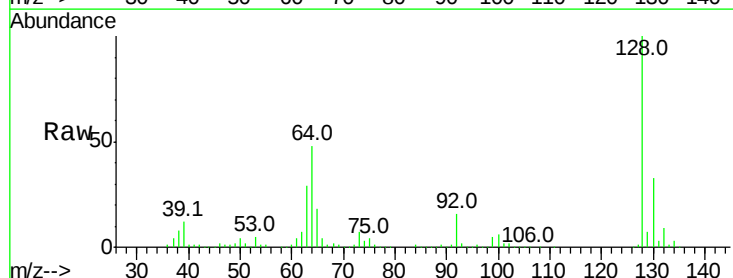
Tgt Ion: 128 Resp: 491215

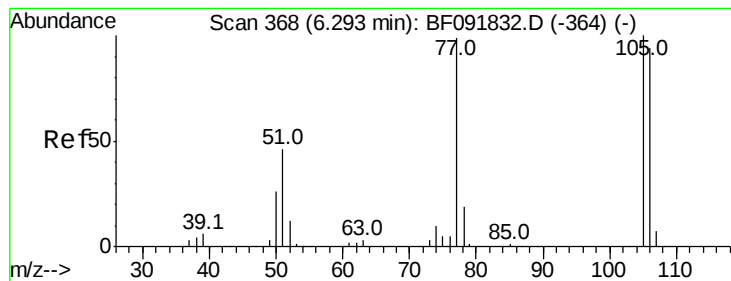
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 48.0 32.2 72.2





#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.07 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion: 77 Resp: 27948

Ion Ratio Lower Upper

77 100

105 100.1 83.9 123.9

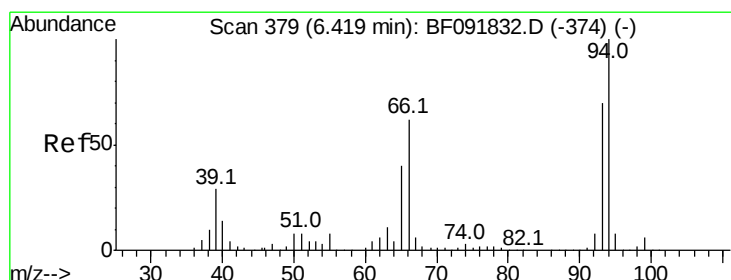
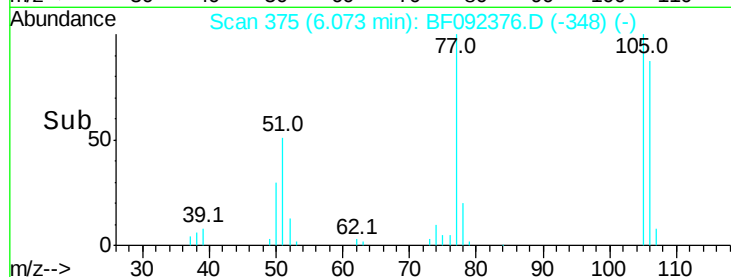
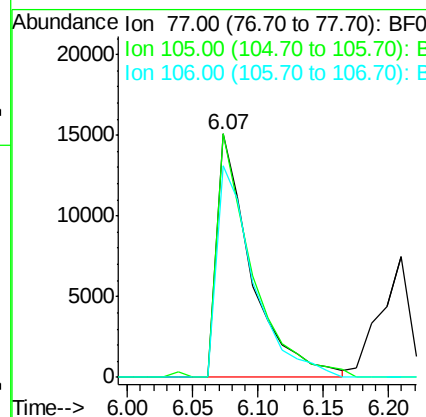
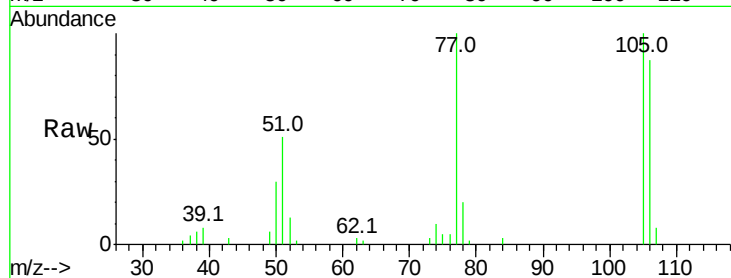
106 87.0 77.6 117.6

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#10

Phenol

Concen: 51.77 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

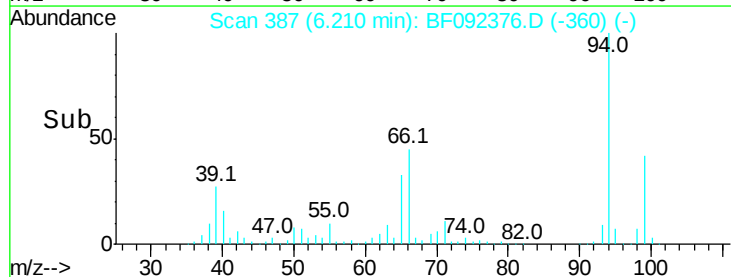
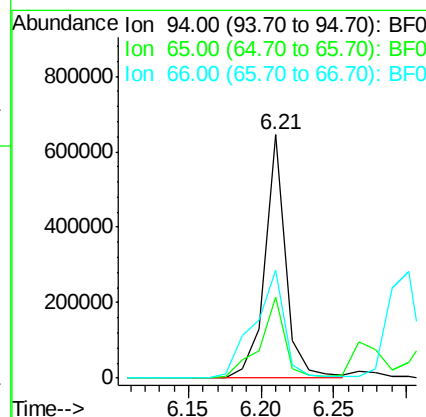
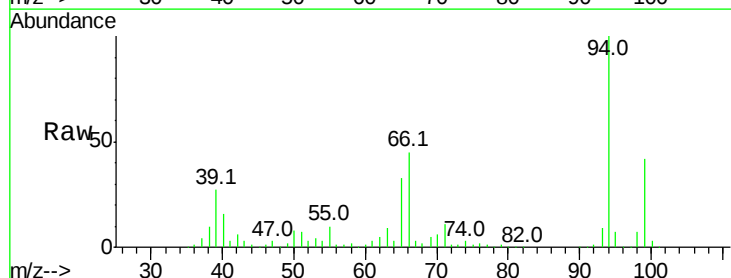
Tgt Ion: 94 Resp: 643901

Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

66 44.5 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 51.00 ng

RT: 6.27 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

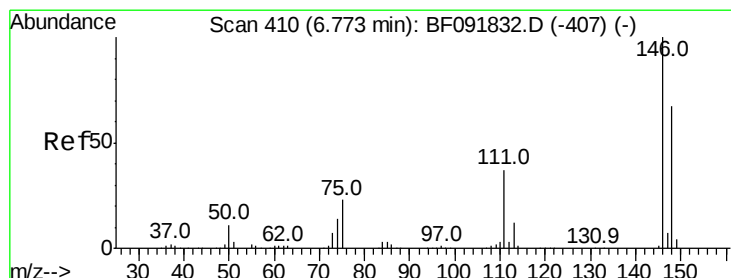
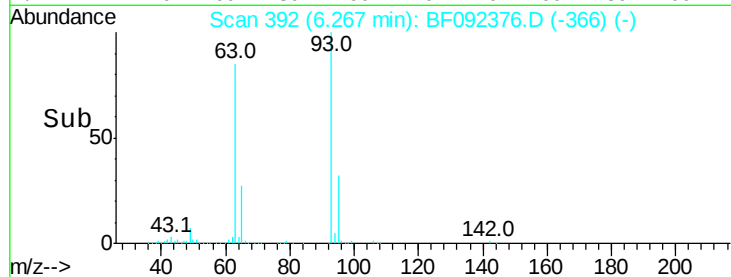
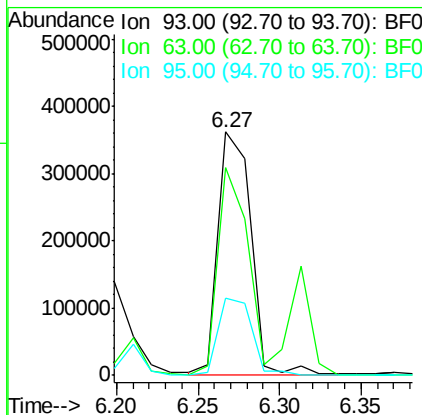
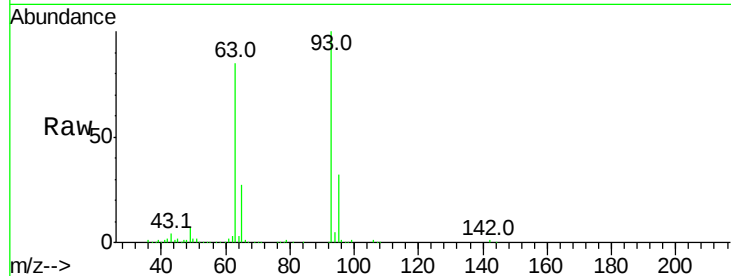
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion:	93	Resp:	504731
Ion	Ratio	Lower	Upper
93	100		
63	85.1	60.4	100.4
95	31.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.55 ng

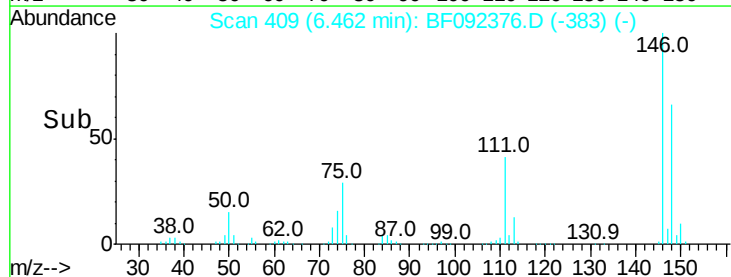
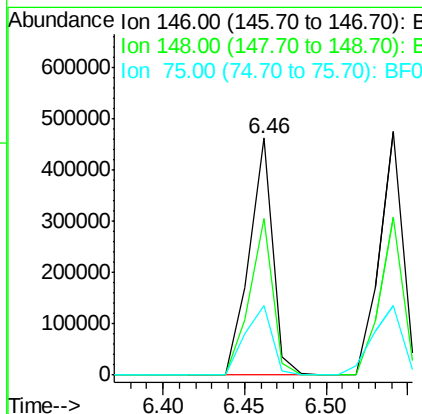
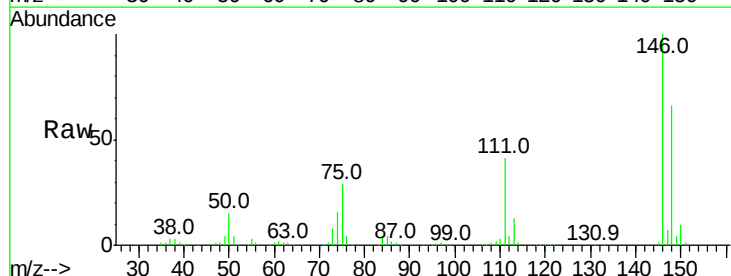
RT: 6.46 min Scan# 409

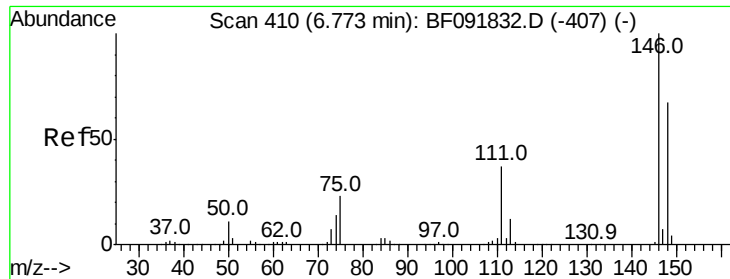
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:	146	Resp:	461878
Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.4	80.0
75	29.3	18.5	27.7#





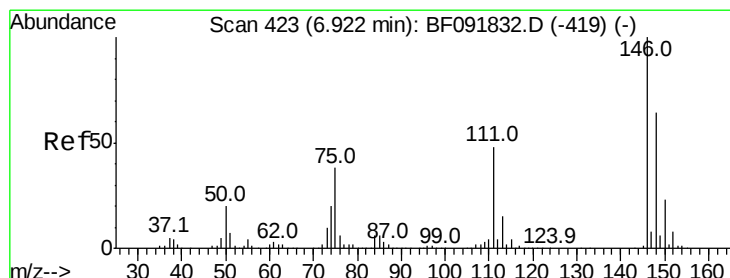
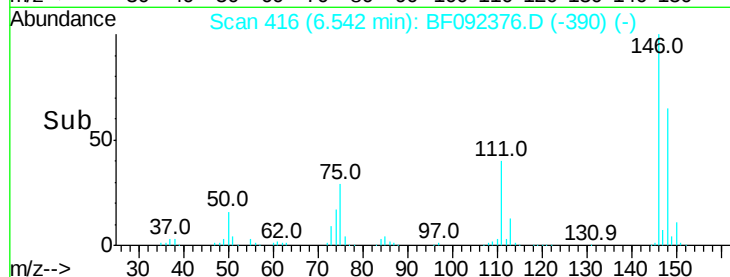
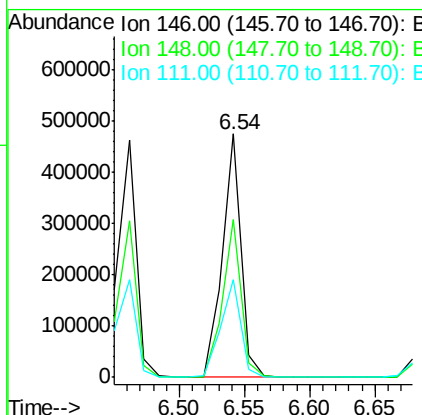
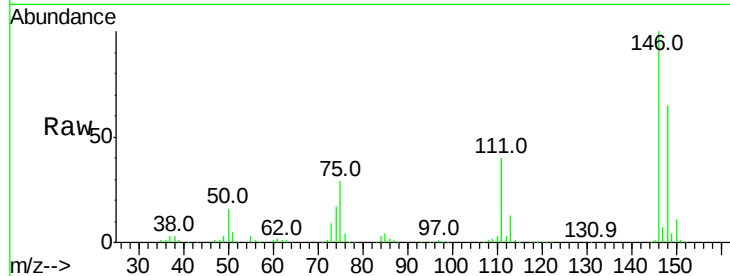
#13
 1,4-Dichlorobenzene
 Concen: 43.27 ng
 RT: 6.54 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	40.3	36.2	54.4

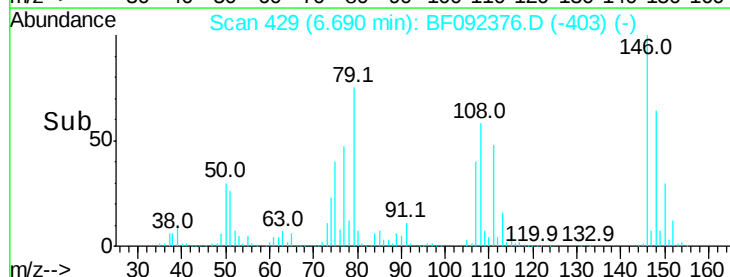
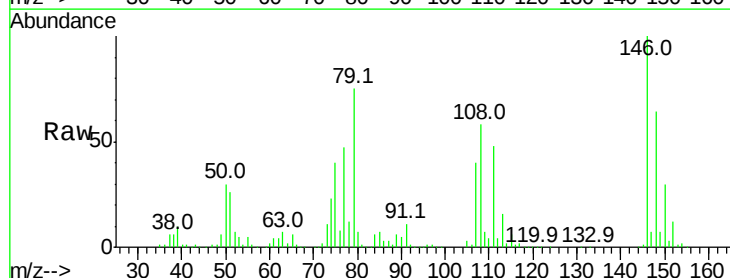
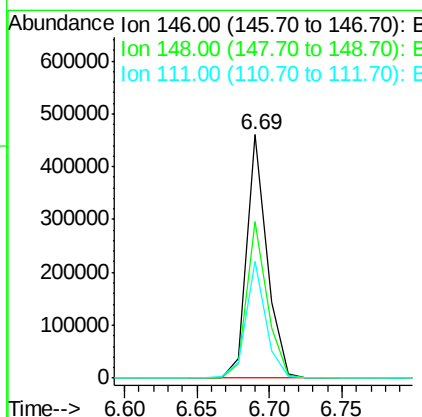
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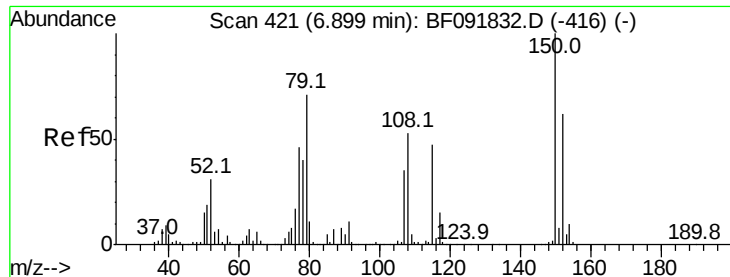
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#14
 1,2-Dichlorobenzene
 Concen: 46.50 ng
 RT: 6.69 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	48.2	36.2	54.2





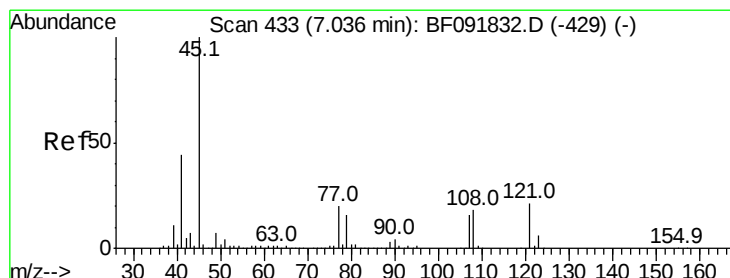
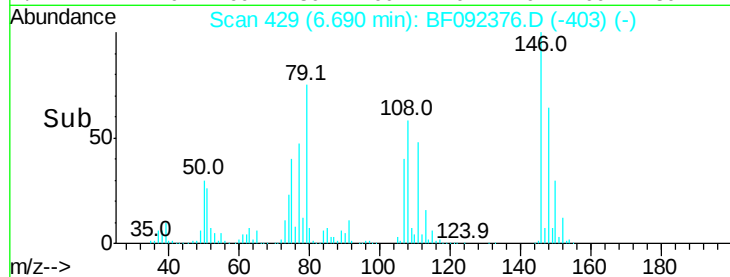
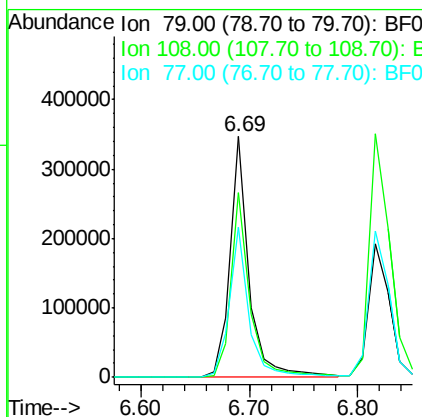
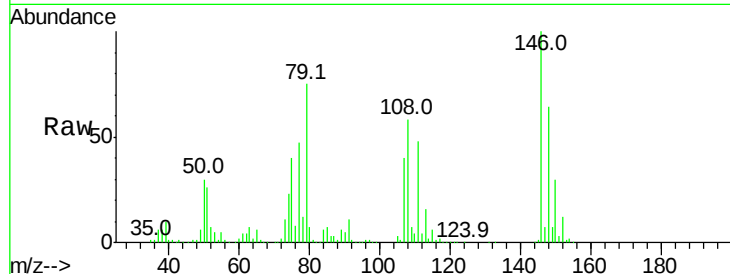
#15
Benzyl Alcohol
Concen: 49.63 ng
RT: 6.69 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.9	61.4	92.0	
77	62.4	50.9	76.3	

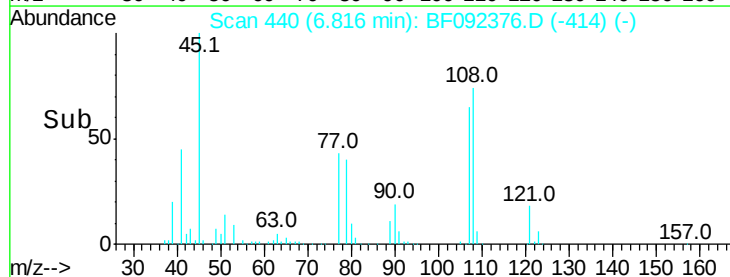
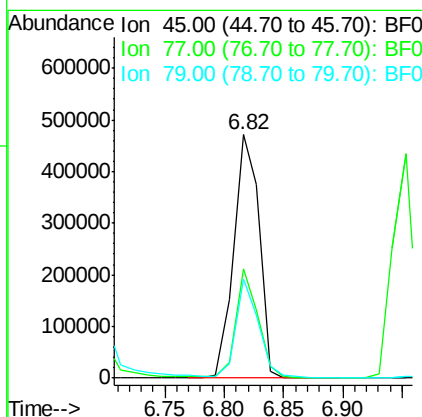
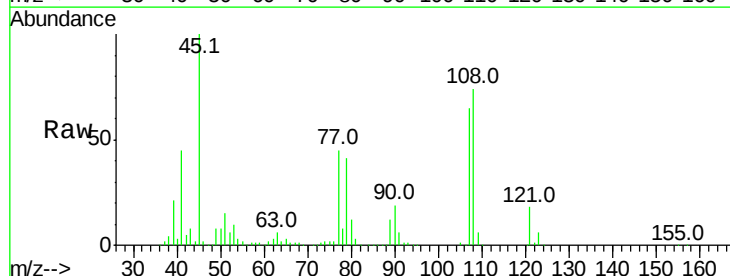
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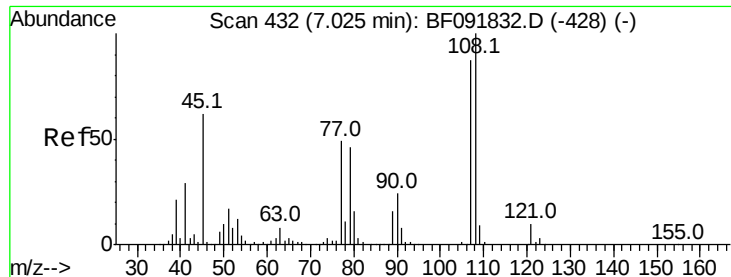
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.36 ng
RT: 6.82 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	44.6	0.0	34.6#	
79	40.7	0.0	31.2#	





#17

2-Methylphenol

Concen: 48.31 ng

RT: 6.82 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

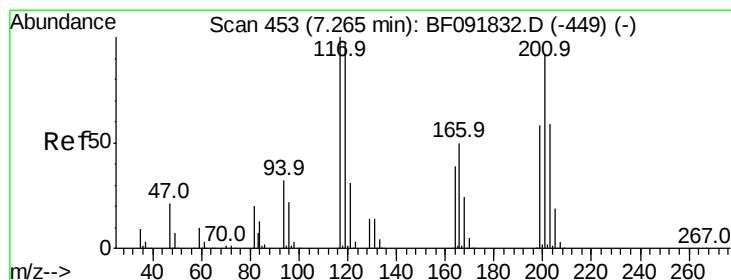
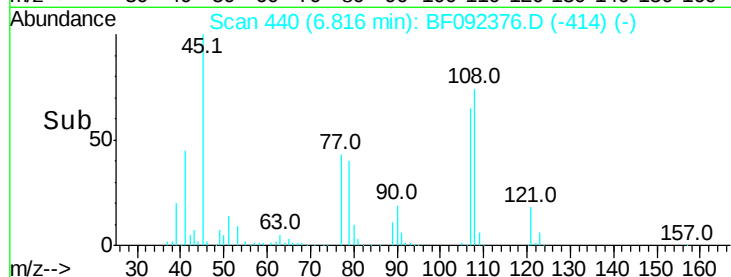
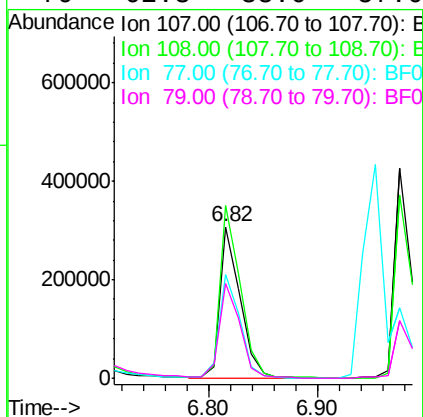
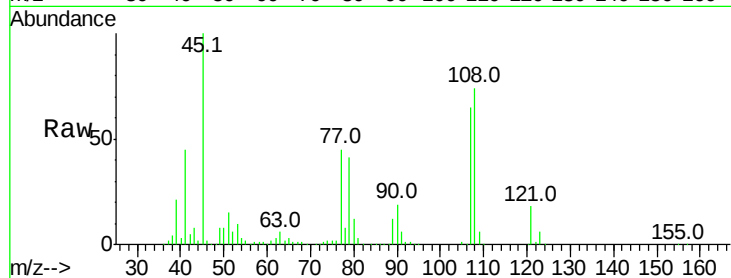
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	395112		
108	113.9	93.0	139.6	
77	68.3	39.8	59.8	
79	62.3	38.0	57.0	

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#18

Hexachloroethane

Concen: 45.41 ng

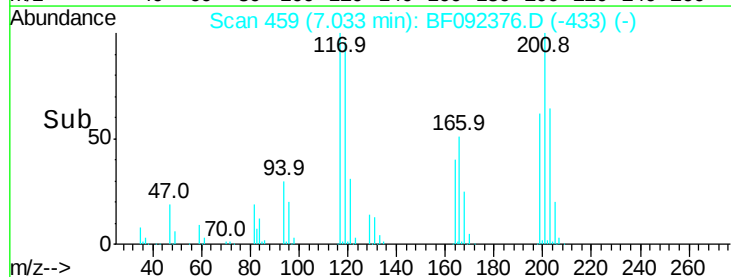
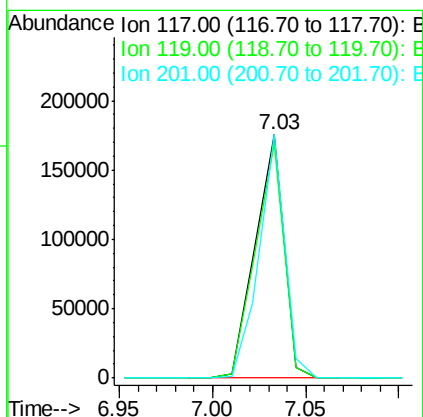
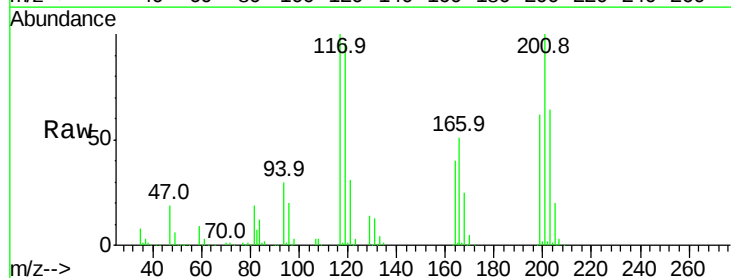
RT: 7.03 min Scan# 459

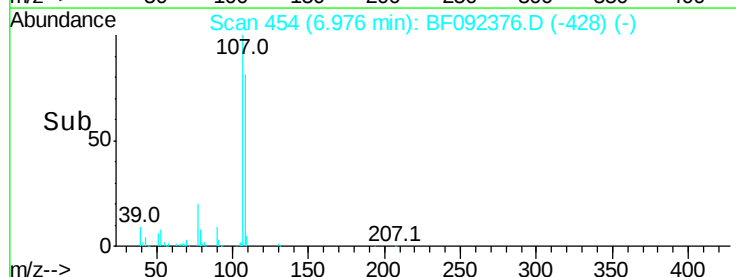
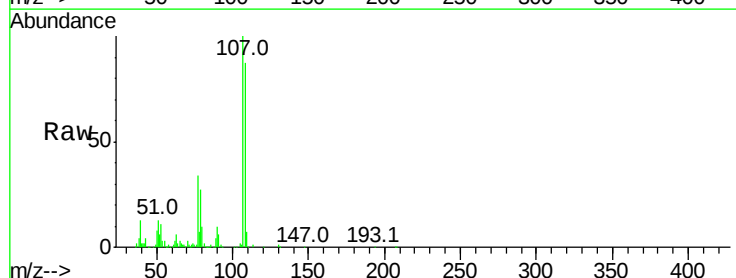
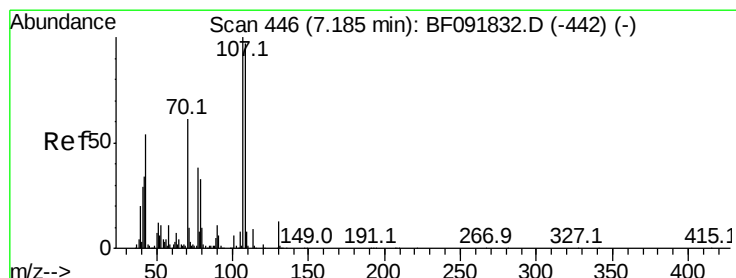
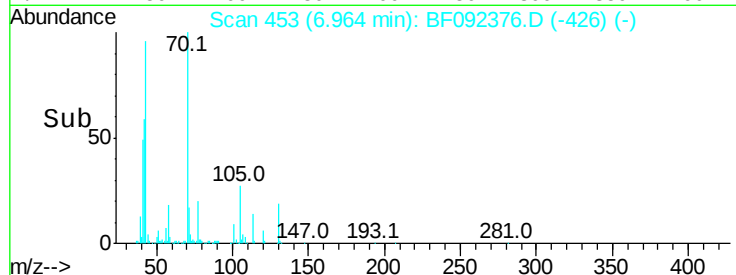
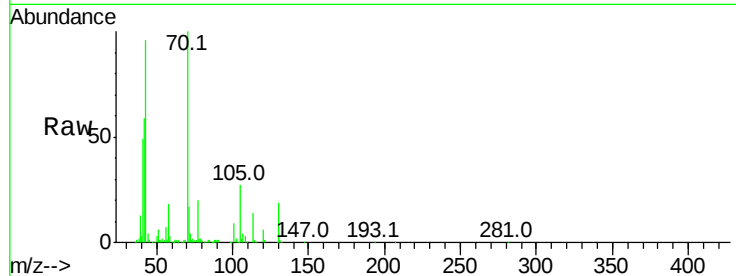
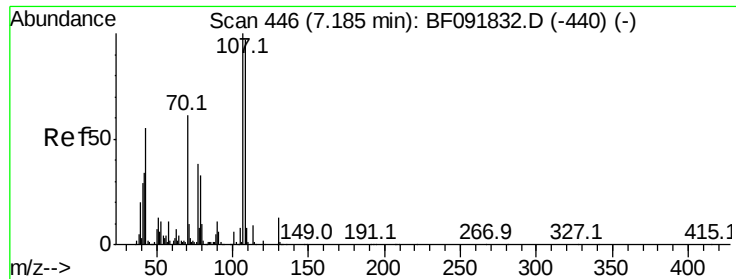
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	186018		
119	96.5	78.1	117.1	
201	100.0	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 51.82 ng

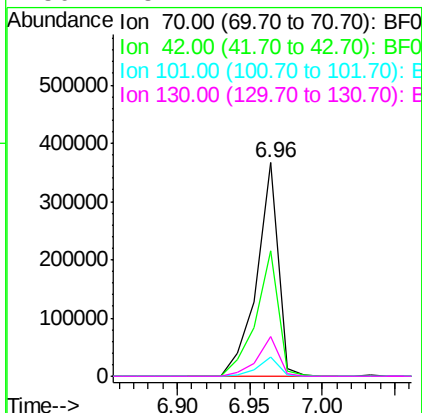
RT: 6.96 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.4	74.0
101	8.8	7.4	11.2
130	18.7	14.2	21.4



Instrument :
BNA_F

ClientSampleId :
MH-0-12FT-COMPMS

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#20

3+4-Methylphenols

Concen: 52.50 ng

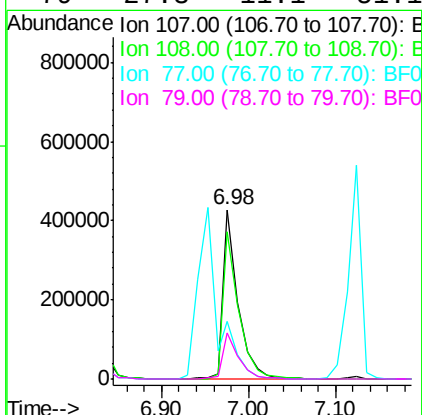
RT: 6.98 min Scan# 454

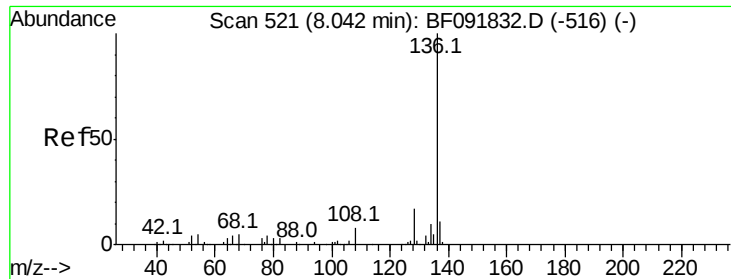
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	73.0	113.0
77	33.8	71.3	111.3#
79	27.3	11.1	51.1





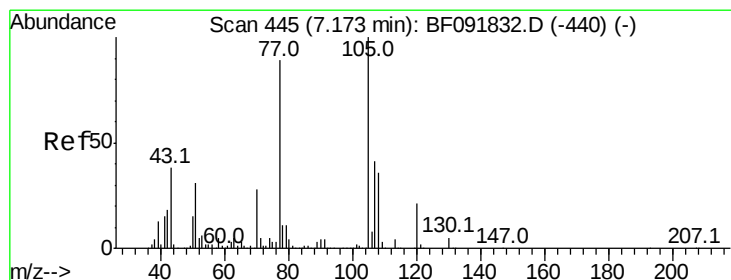
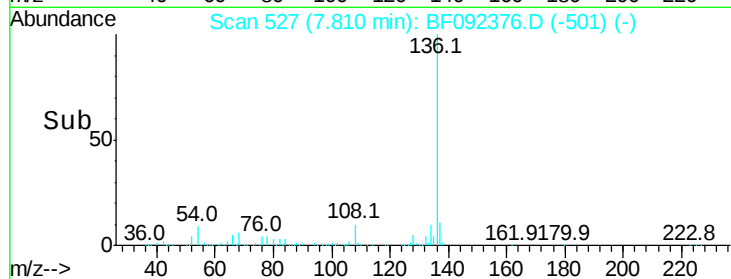
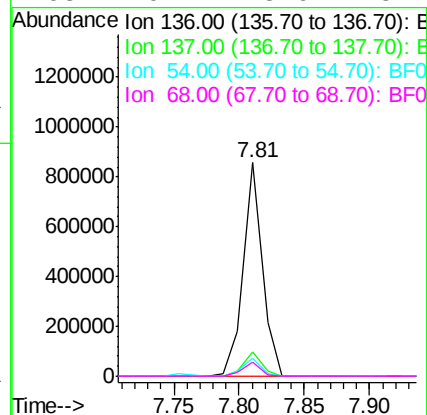
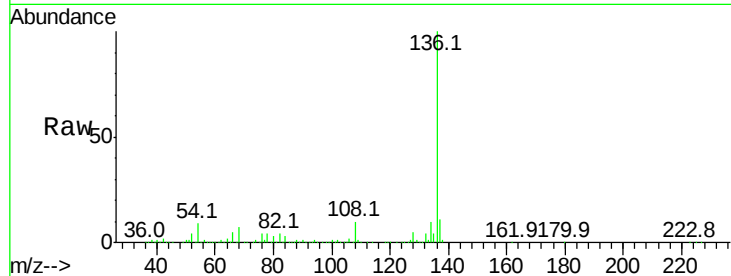
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.4	12.6	
54	8.6	4.5	6.7#	
68	6.7	3.6	5.4#	

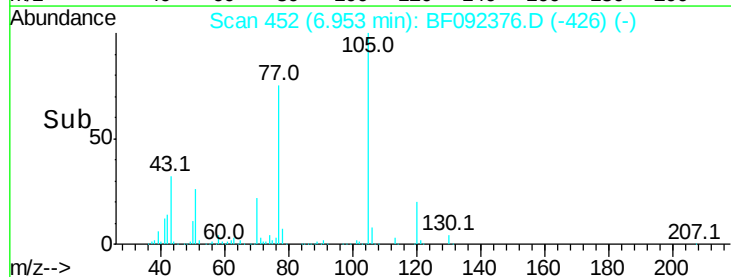
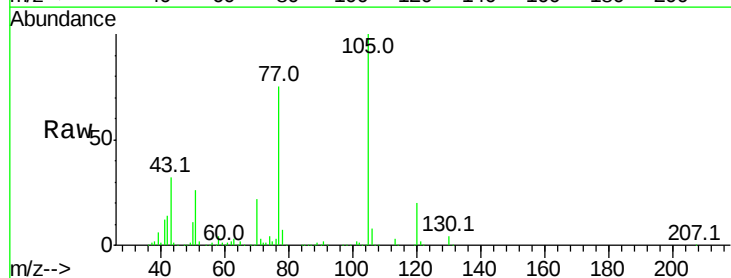
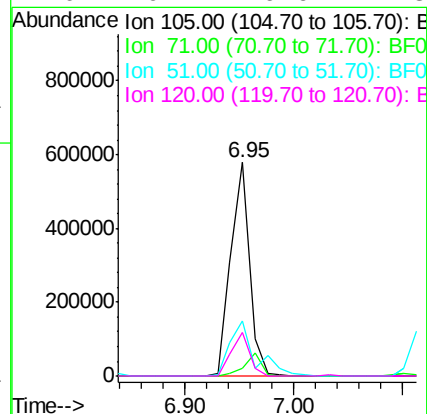
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#22
Acetophenone
Concen: 32.33 ng
RT: 6.95 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	3.2	4.8	
51	25.7	26.2	39.4#	
120	20.4	16.6	24.8	





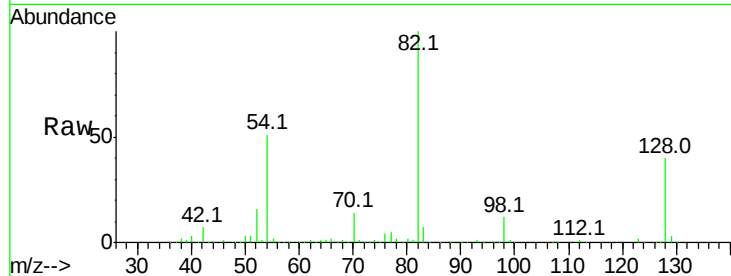
#23
Nitrobenzene-d5
Concen: 63.61 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	992411		
128	40.1		34.6	52.0
54	51.2		39.5	59.3

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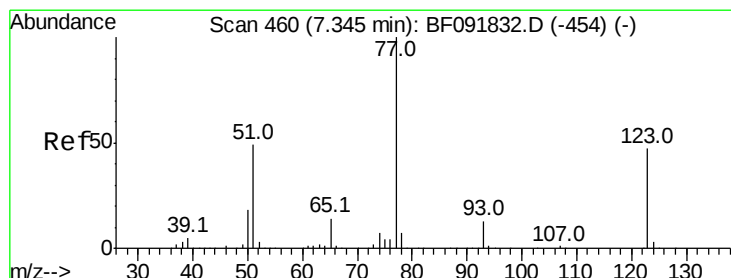
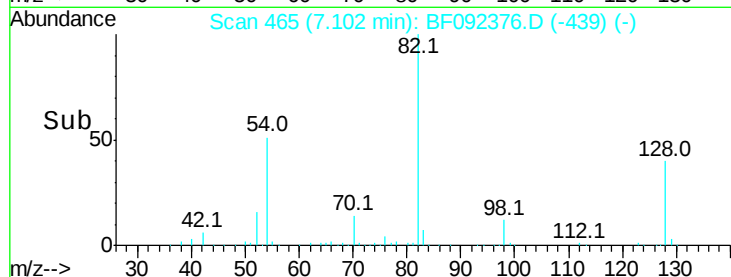
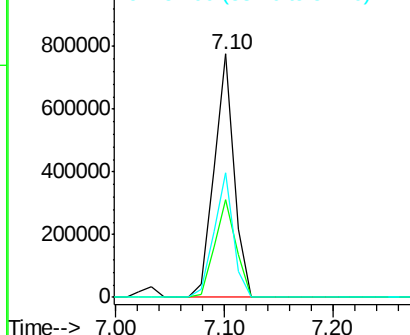


Abundance

Ion 82.00 (81.70 to 82.70): BF0

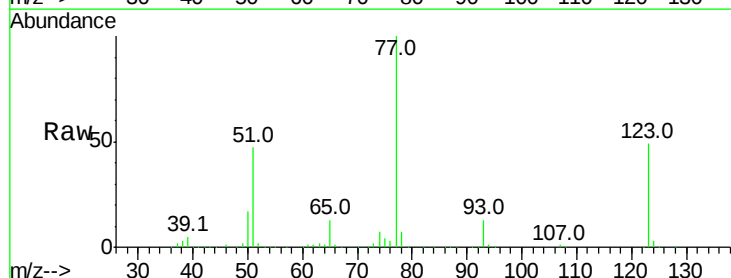
Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24
Nitrobenzene
Concen: 33.59 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	558229		
123	49.2		33.0	49.4
65	13.3		11.2	16.8

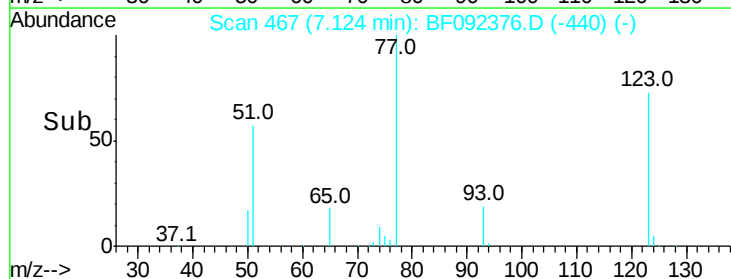
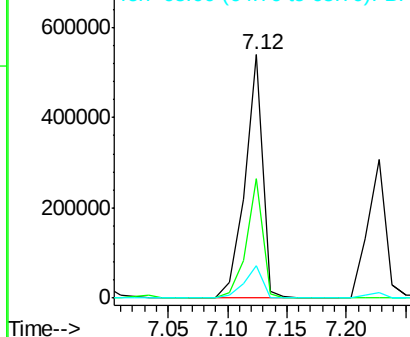


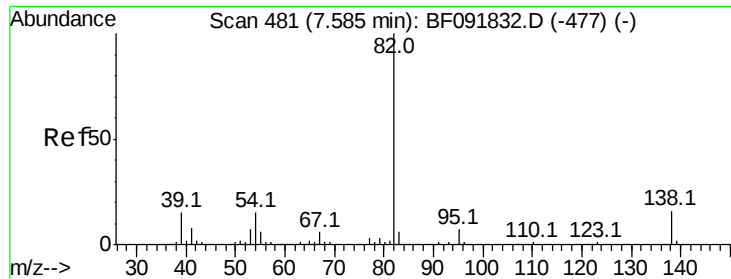
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.04 ng

RT: 7.36 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion: 82 Resp: 1094864

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

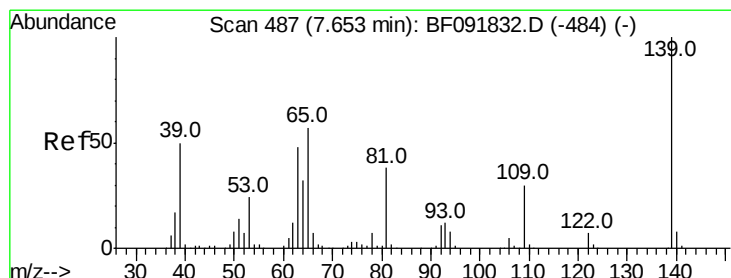
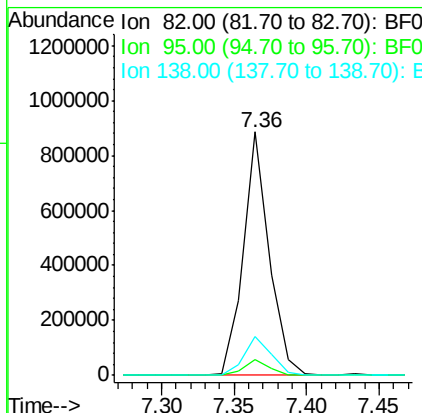
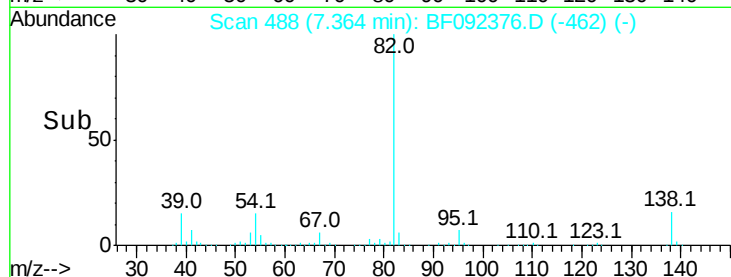
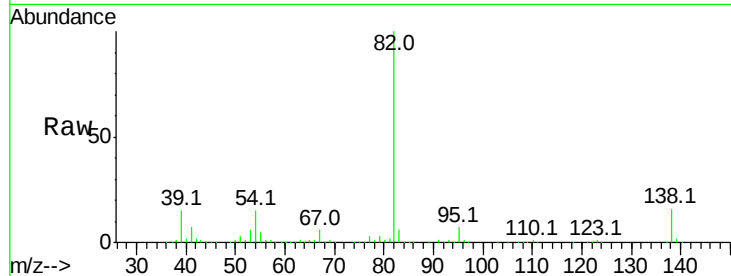
138 16.0 14.6 22.0

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#26

2-Nitrophenol

Concen: 43.16 ng

RT: 7.44 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

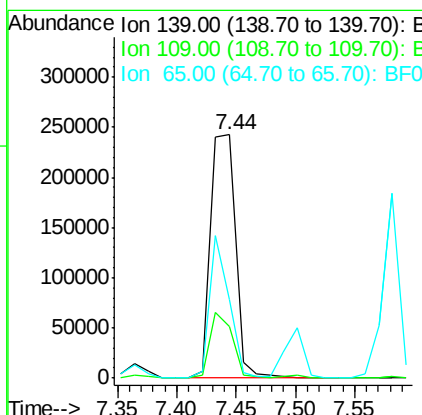
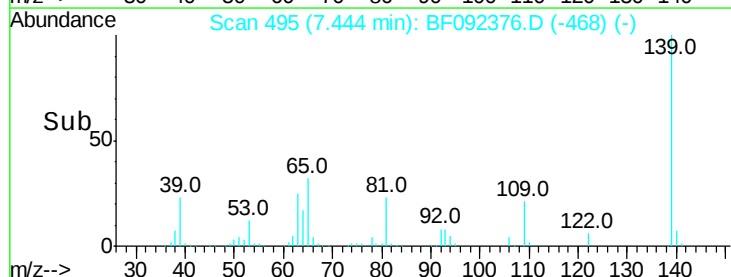
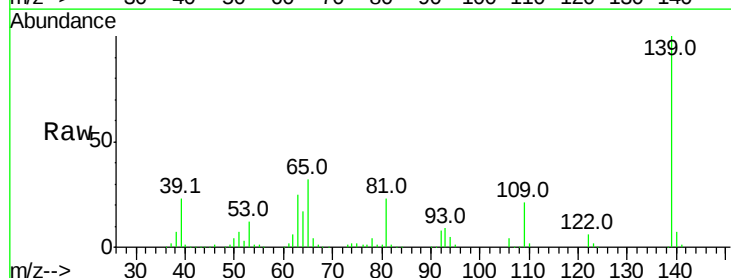
Tgt Ion:139 Resp: 353715

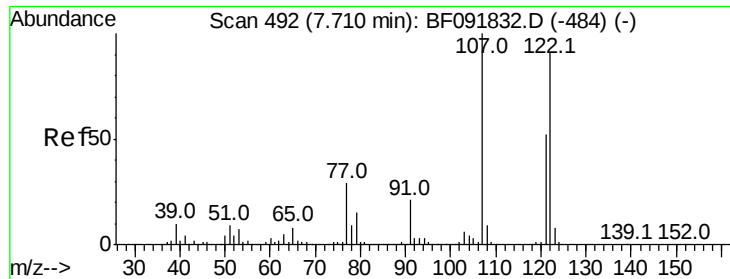
Ion Ratio Lower Upper

139 100

109 21.0 23.3 34.9#

65 32.5 42.7 64.1#





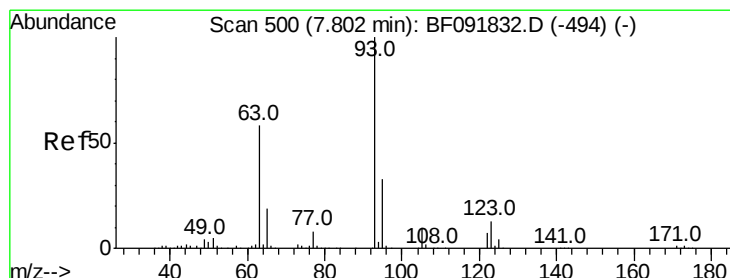
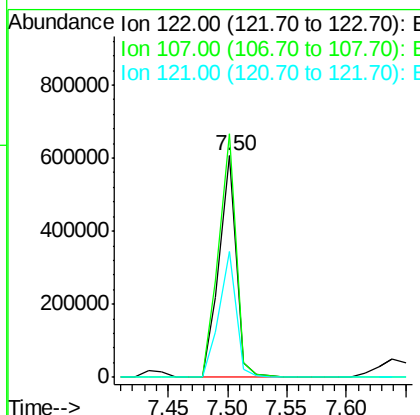
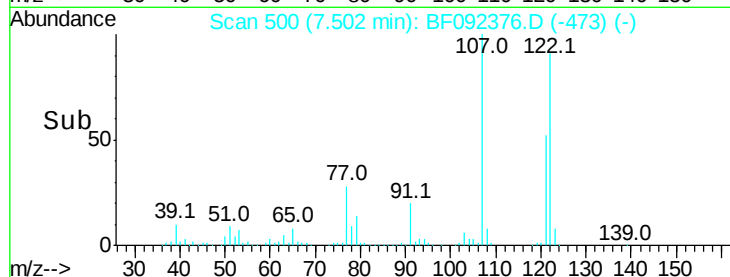
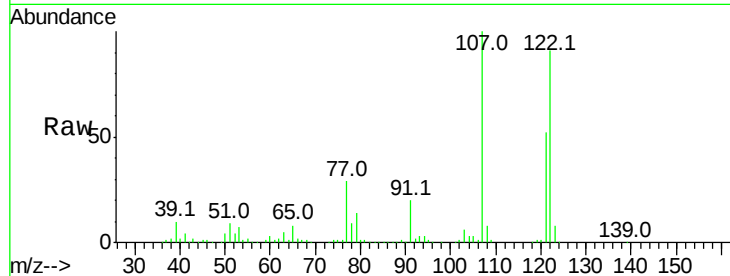
#27
2,4-Dimethylphenol
Concen: 44.55 ng
RT: 7.50 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion:122 Resp: 605533
Ion Ratio Lower Upper
122 100
107 109.8 94.1 141.1
121 56.7 46.0 69.0

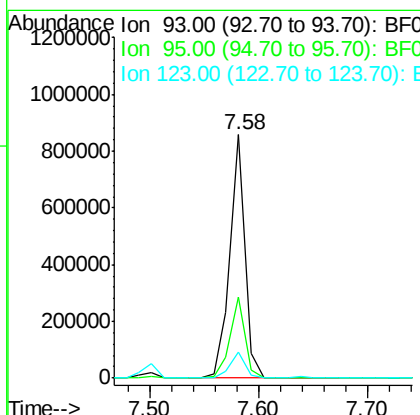
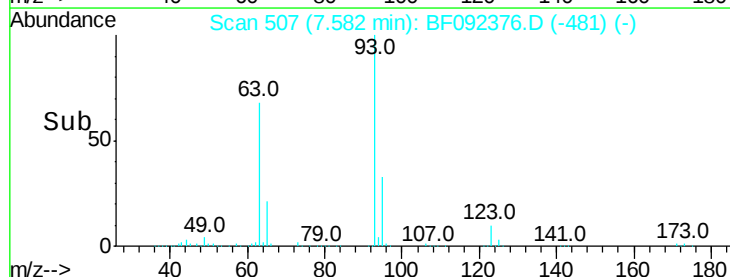
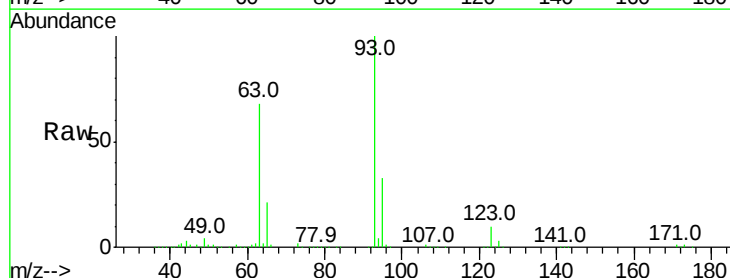
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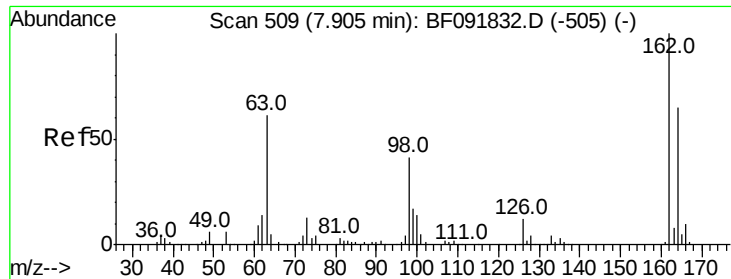
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.05 ng
RT: 7.58 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion: 93 Resp: 821278
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 10.5 8.6 13.0





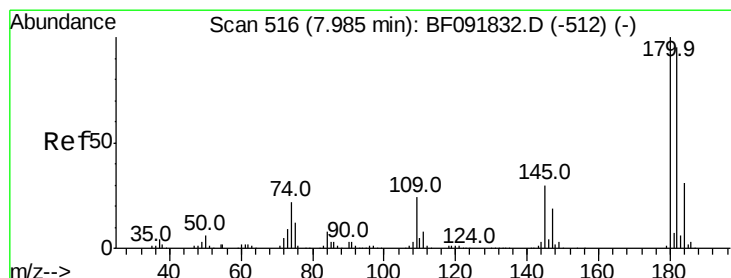
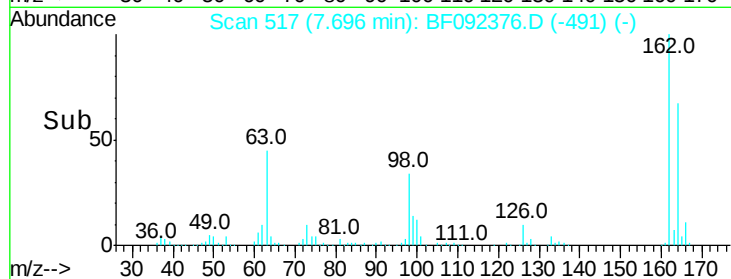
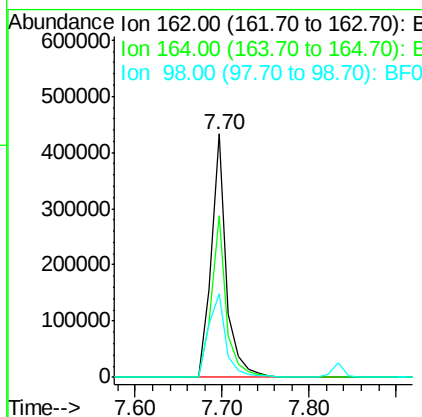
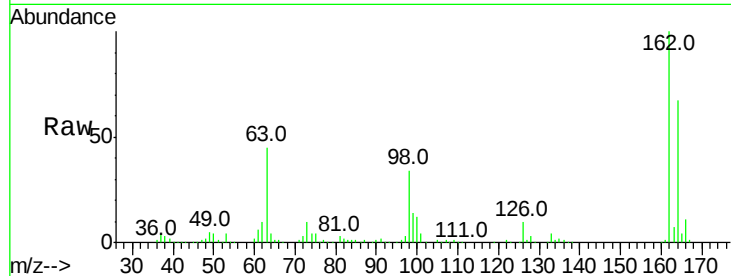
#29
 2,4-Dichlorophenol
 Concen: 45.93 ng
 RT: 7.70 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.5	46.8	86.8
98	34.5	9.1	49.1

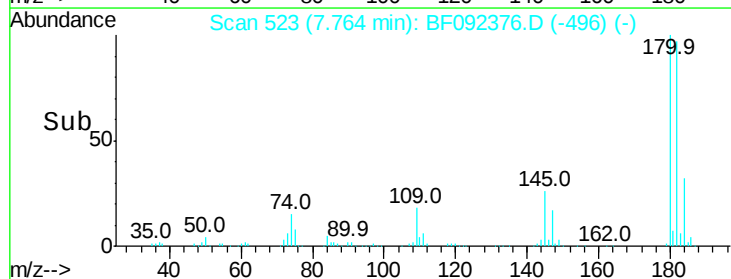
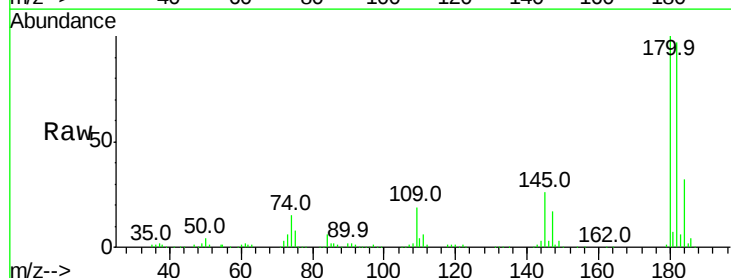
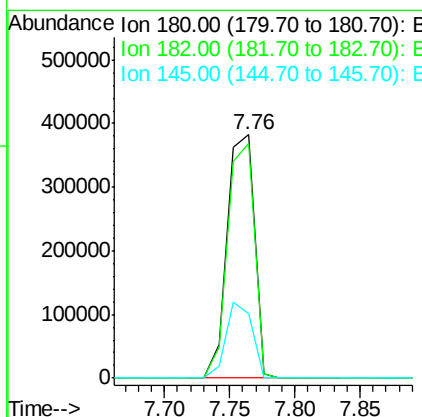
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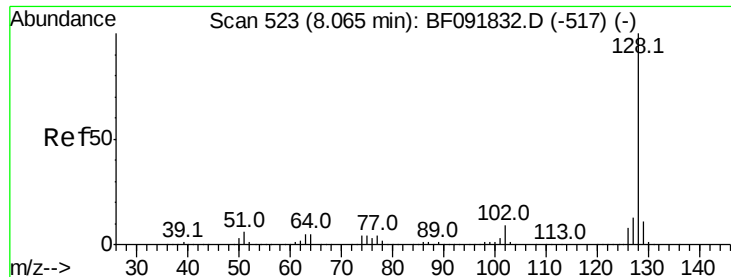
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.74 ng
 RT: 7.76 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	78.2	117.4
145	26.4	21.6	32.4





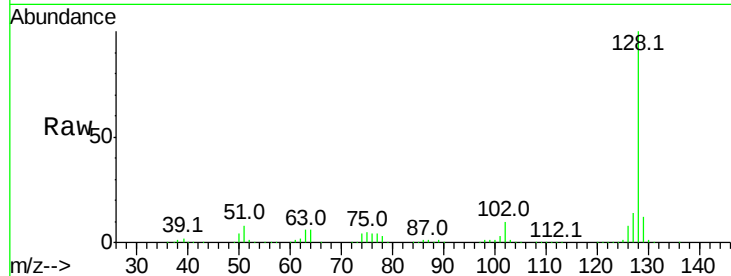
#31
Naphthalene
Concen: 43.82 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

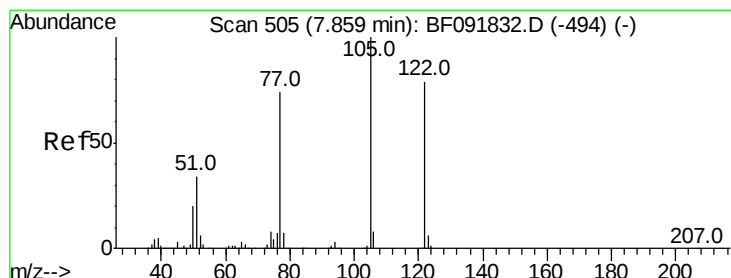
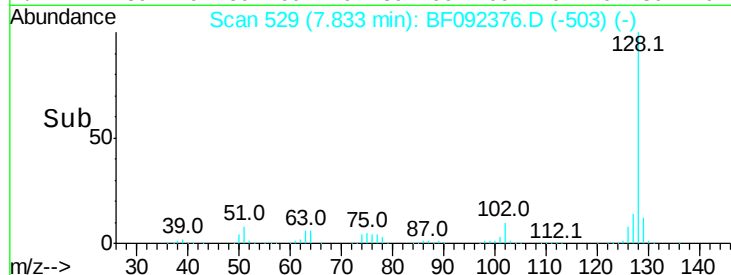
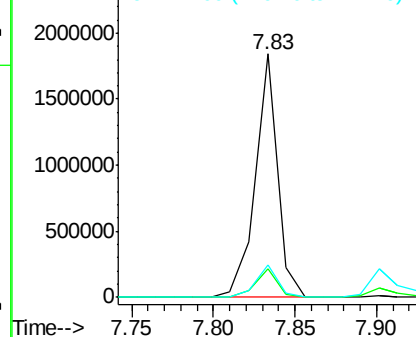
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.5	10.8	16.2

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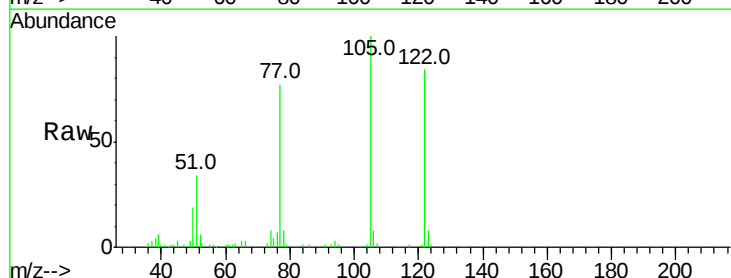


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

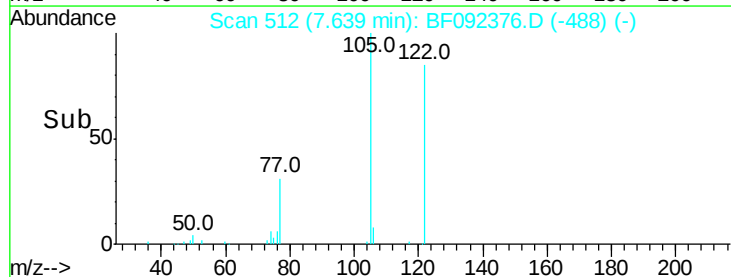
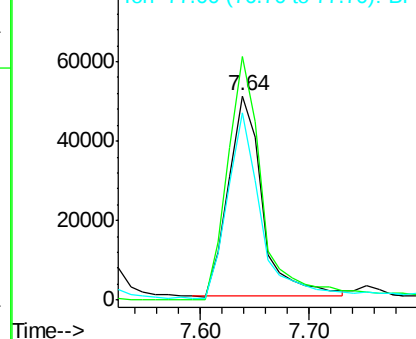


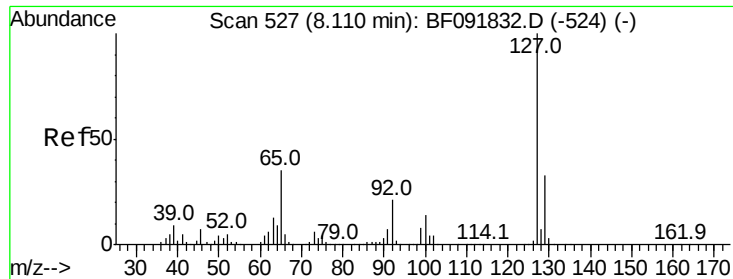
#32
Benzoic acid
Concen: 10.84 ng
RT: 7.64 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	107.2	147.2
77	91.7	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





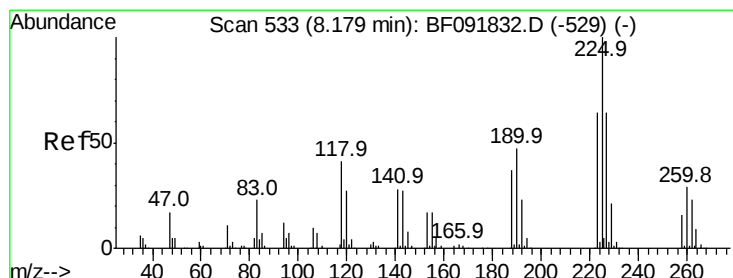
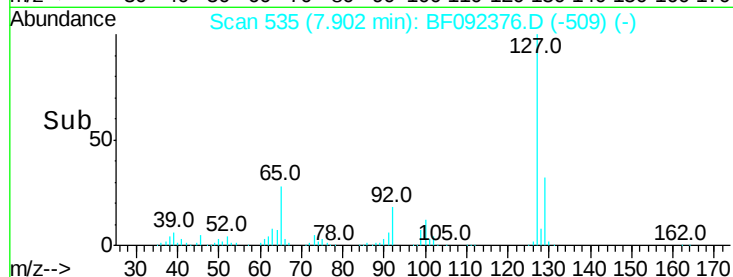
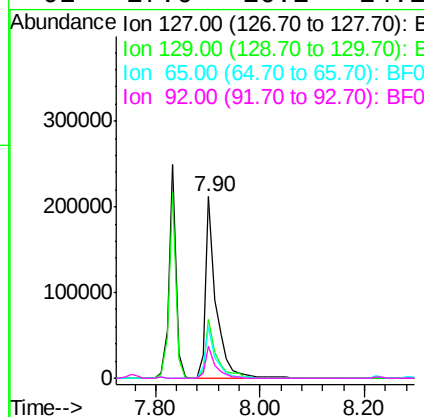
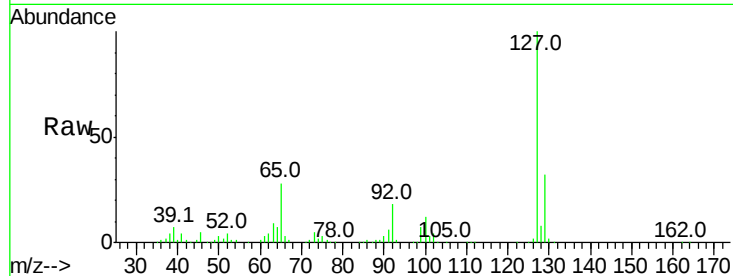
#33
4-Chloroaniline
Concen: 16.52 ng
RT: 7.90 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion:	127	Resp:	295840
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.3	39.5
65	27.9	25.8	38.8
92	17.6	16.1	24.1

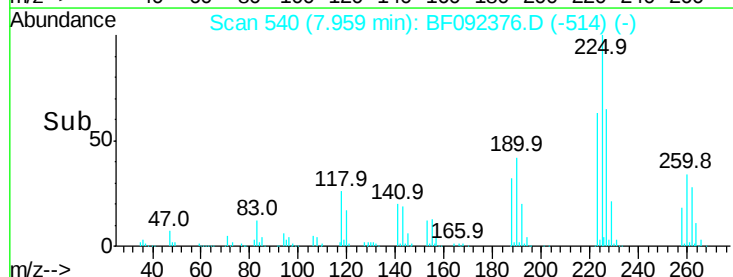
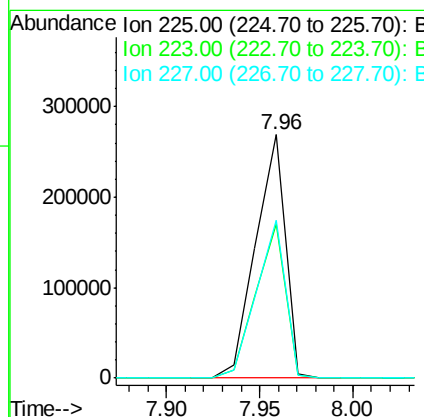
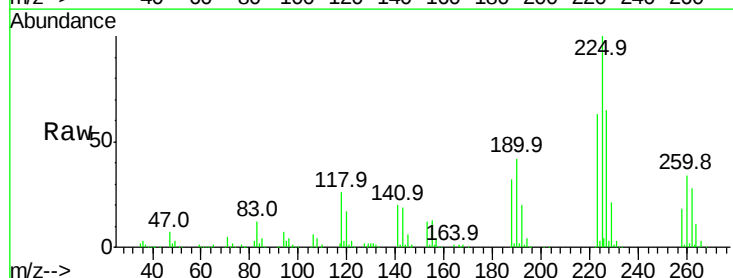
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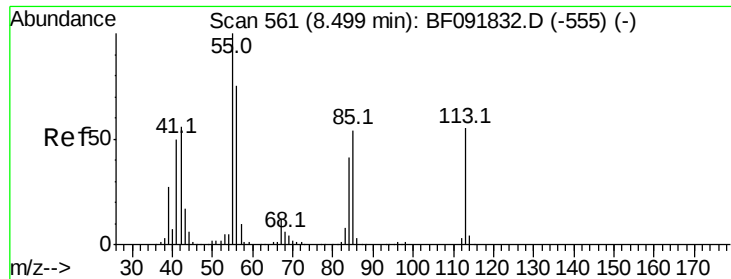
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#34
Hexachlorobutadiene
Concen: 44.54 ng
RT: 7.96 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:	225	Resp:	296497
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.0	76.6
227	64.9	50.6	76.0





#35

Caprolactam

Concen: 46.81 ng/ml

RT: 8.29 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

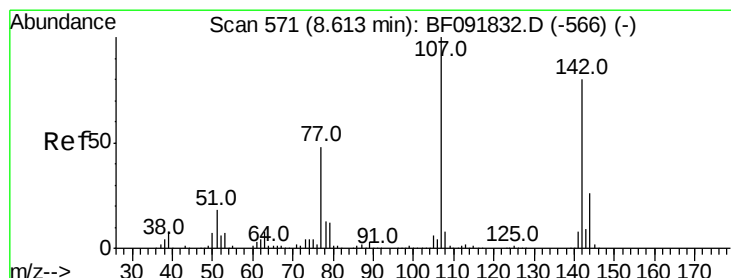
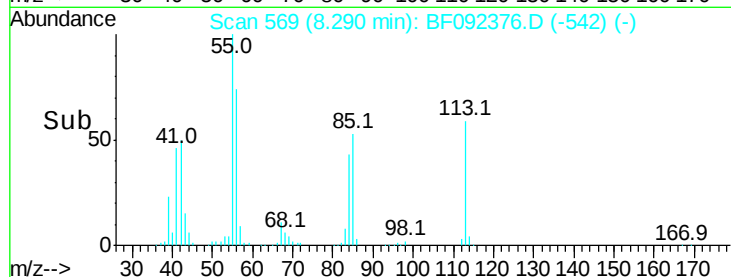
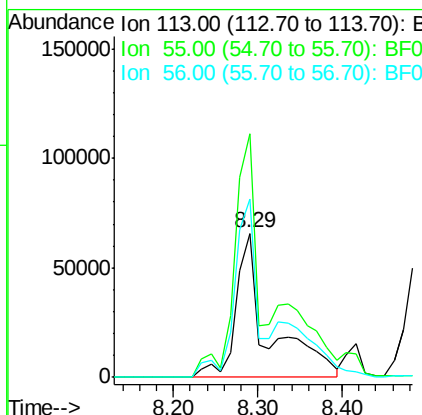
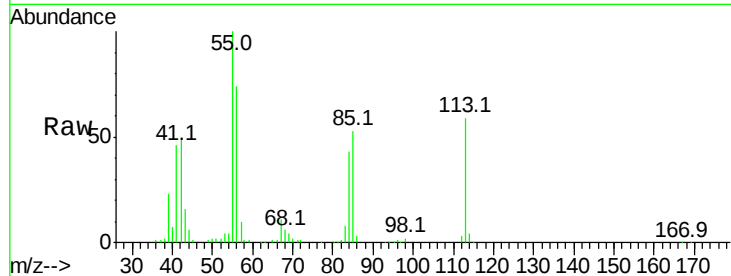
ClientSampleID :

MH-0-12FT-COMPMS

Tot Ion:	113	Resp:	177036
Ion Ratio	Lower	Upper	
113	100		
55	169.3	119.2	159.2#
56	124.5	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 46.00 ng/ml

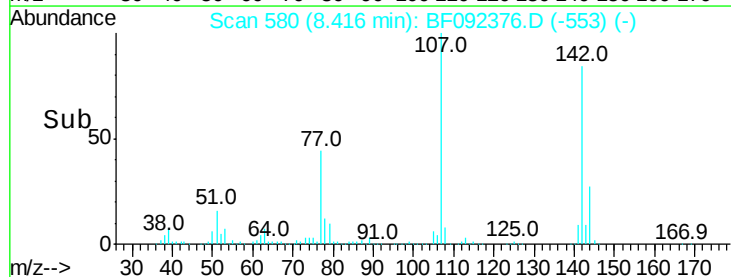
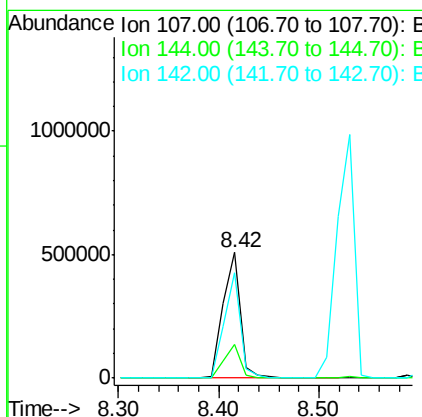
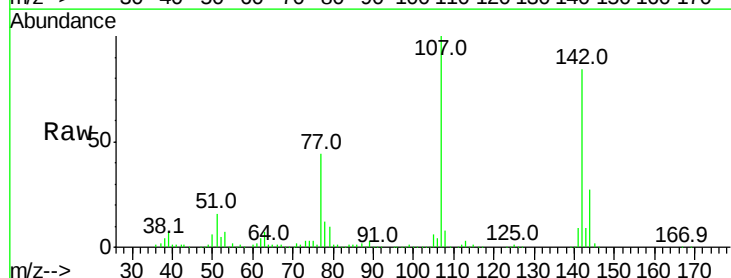
RT: 8.42 min Scan# 580

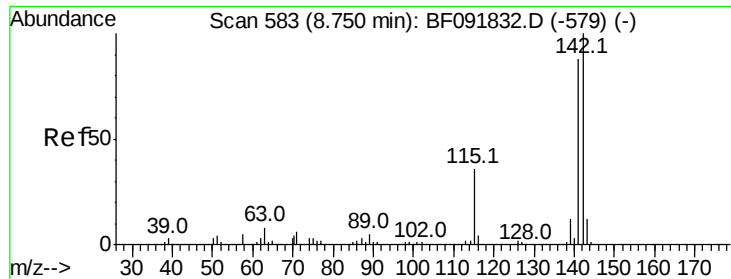
Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:	107	Resp:	609233
Ion Ratio	Lower	Upper	
107	100		
144	27.2	19.3	28.9
142	83.6	59.0	88.6





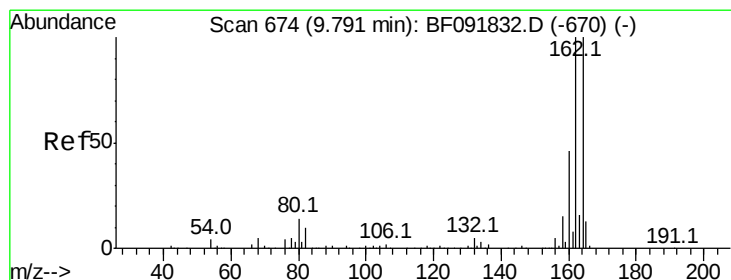
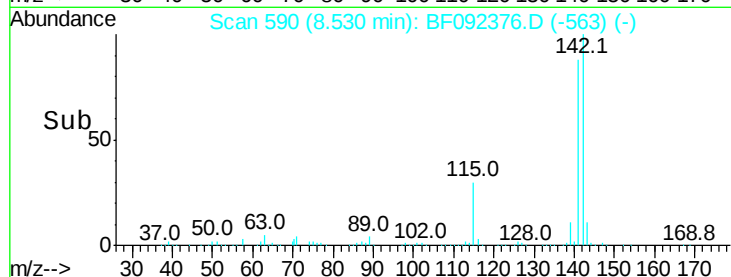
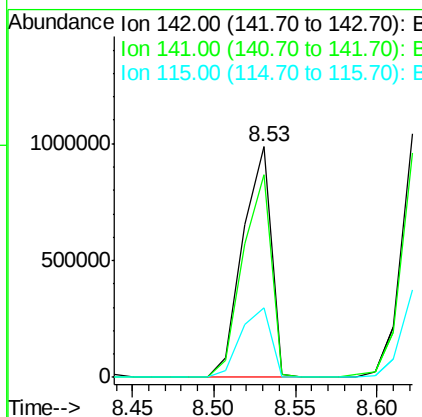
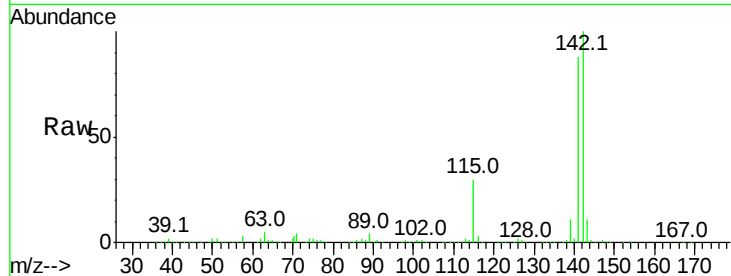
#37
2-Methylnaphthalene
Concen: 52.93 ng
RT: 8.53 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion:142 Resp: 1192990
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 29.9 28.3 42.5

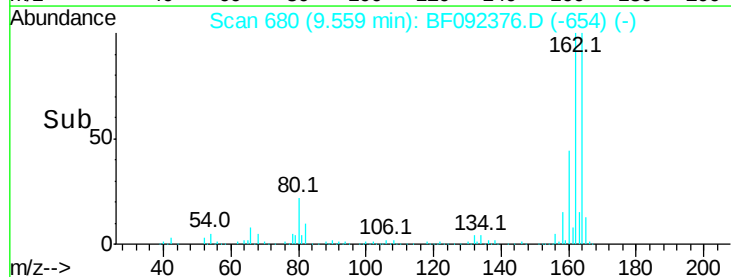
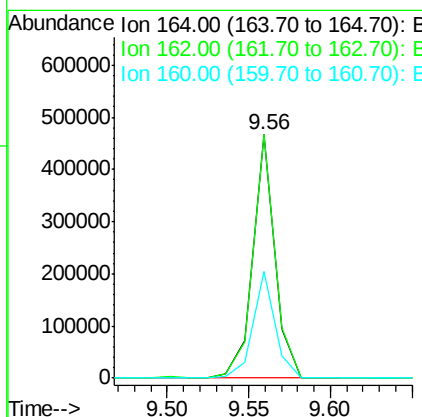
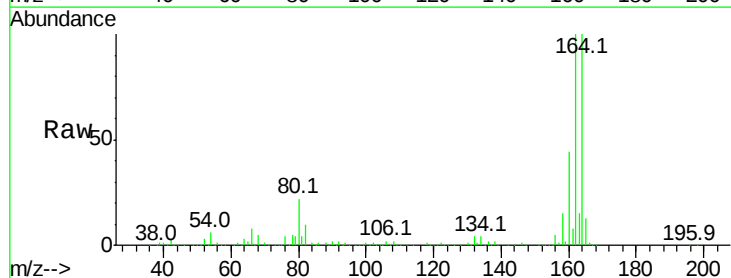
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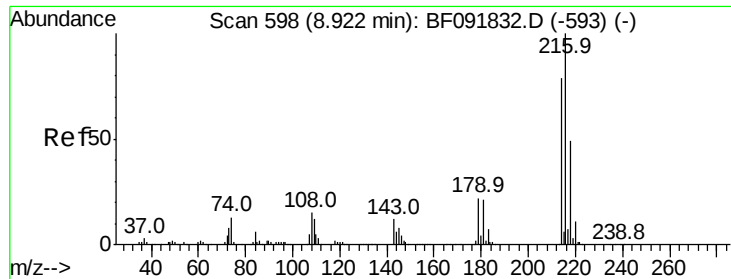
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:164 Resp: 439812
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 43.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.50 ng

RT: 8.69 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

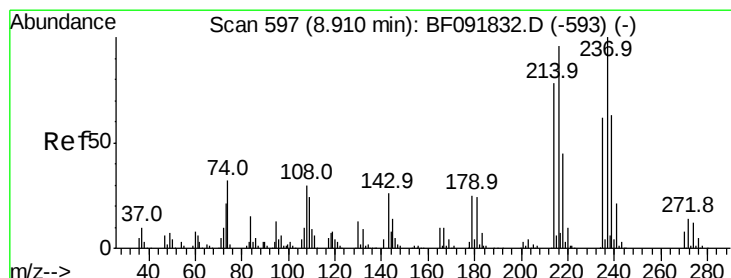
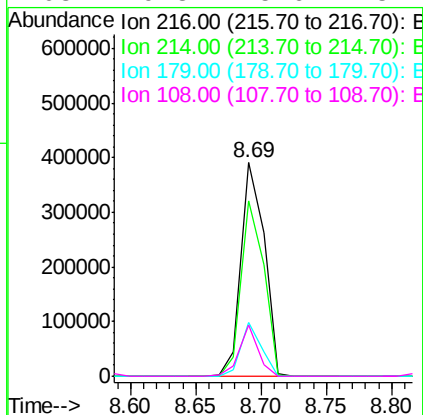
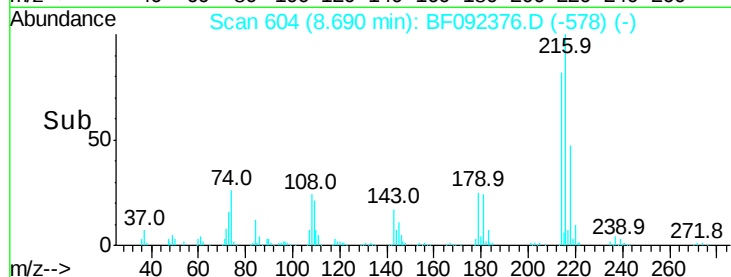
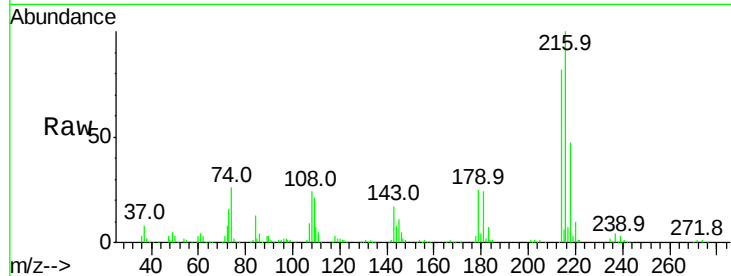
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	483329		
214	80.1		63.4	95.0
179	22.3		17.4	26.2
108	19.8		15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 39.55 ng

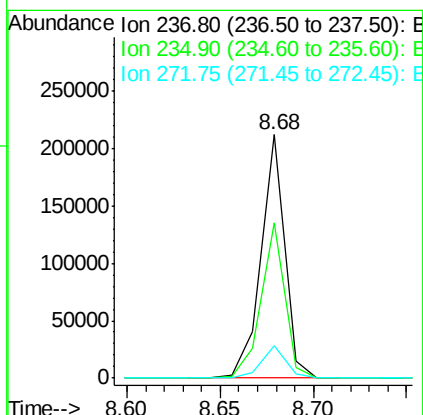
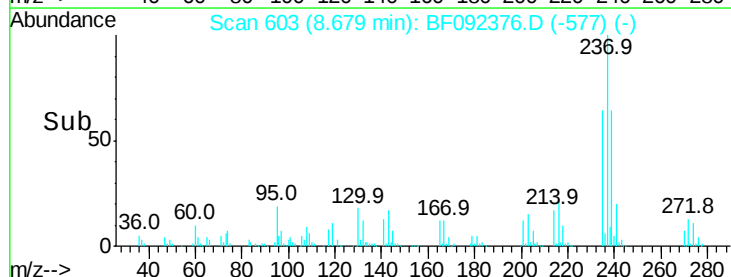
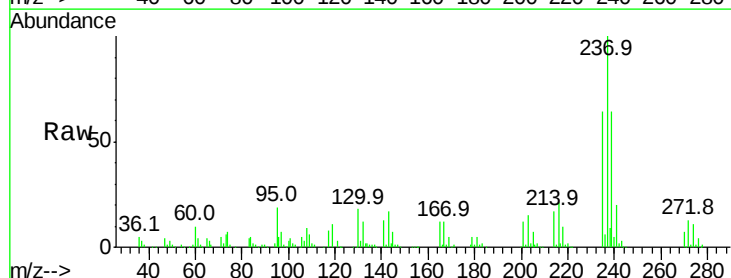
RT: 8.68 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	185232		
235	63.8		41.2	81.2
272	13.2		0.0	35.4





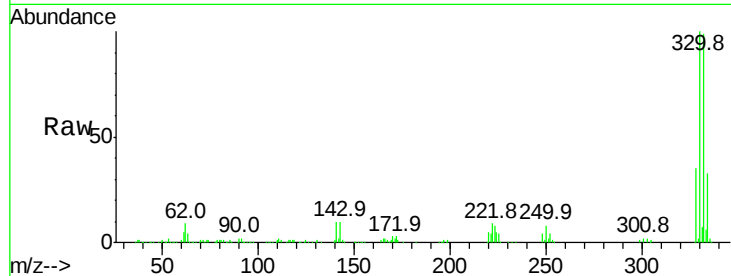
#41
 2,4,6-Tribromophenol
 Concen: 130.21 ng
 RT: 10.36 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

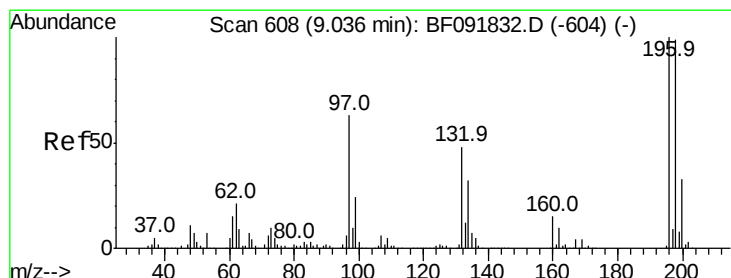
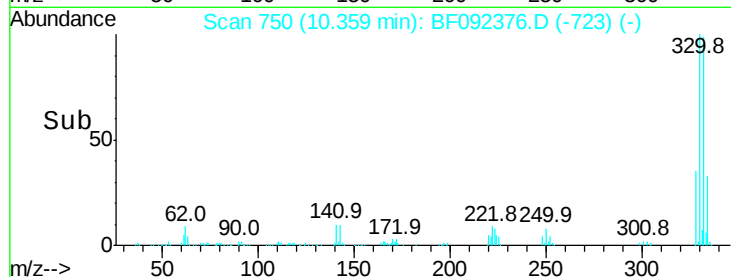
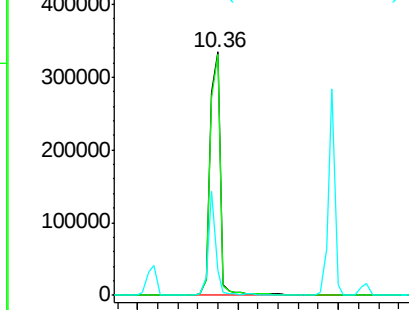
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	31.0	34.1	51.1#

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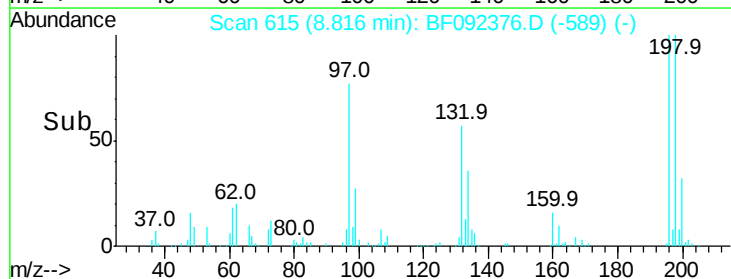
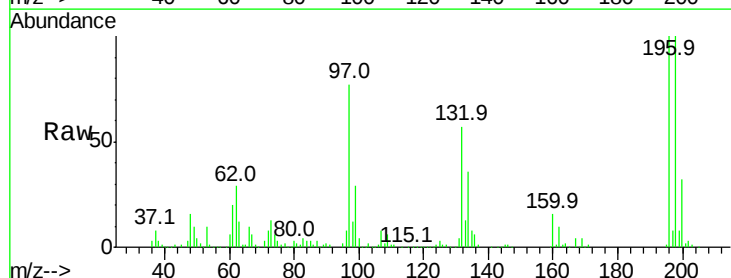
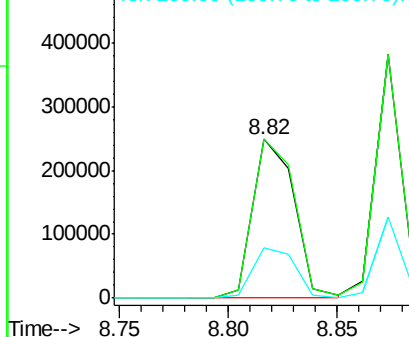
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.64 ng
 RT: 8.82 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	82.1	123.1
200	32.0	27.0	40.4

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





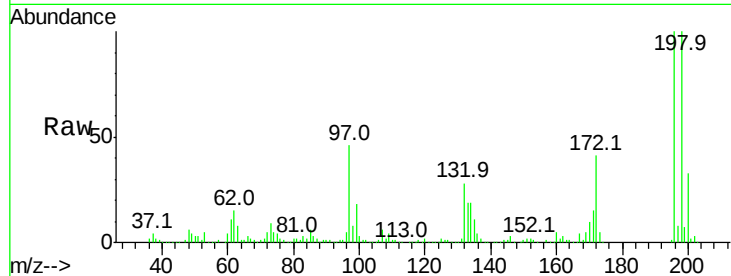
#43
 2,4,5-Trichlorophenol
 Concen: 42.21 ng
 RT: 8.87 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	337556		
198	100.2	79.4	119.2	
97	45.7	51.5	77.3	
132	28.5	27.4	41.2	

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 1/23/2017 2:44:52 PM



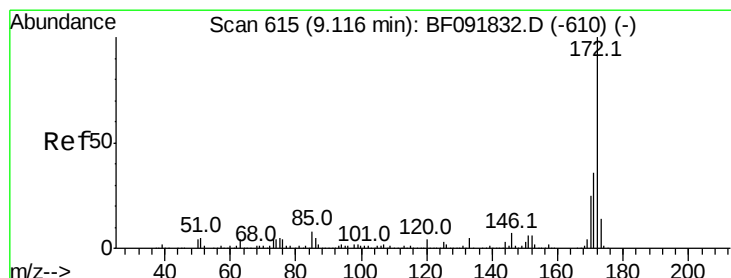
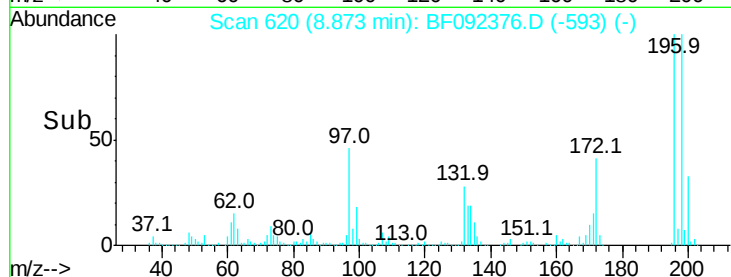
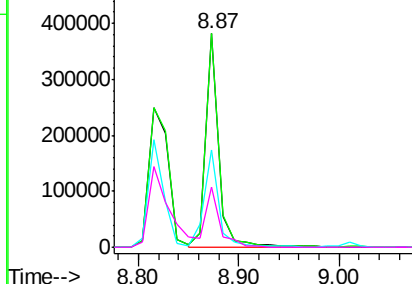
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.99 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

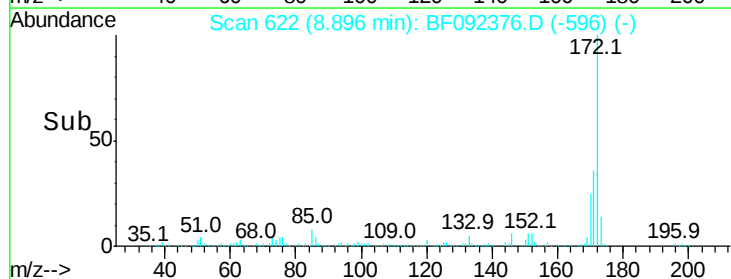
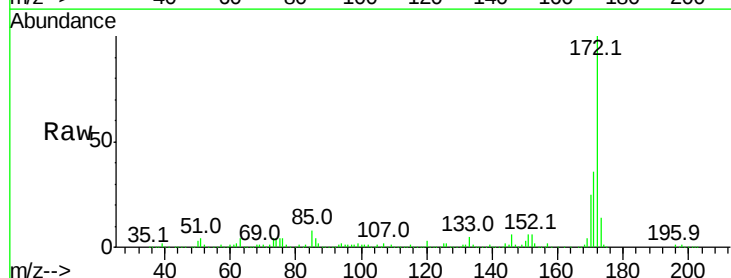
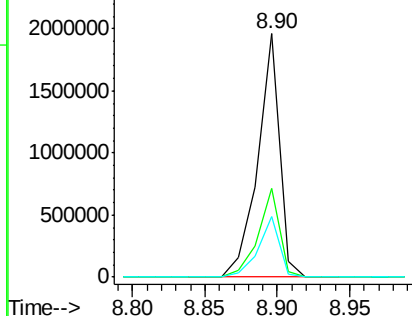
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2042943		
171	36.5	29.4	44.0	
170	24.7	20.2	30.4	

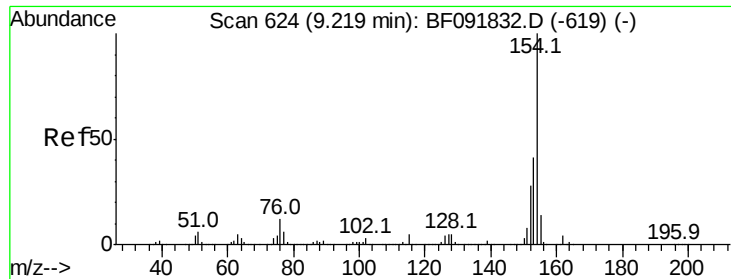
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.36 ng

RT: 9.00 min Scan# 631

Delta R.T. 0.01 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion:154 Resp: 1395949

Ion Ratio Lower Upper

154 100

153 39.6 20.9 60.9

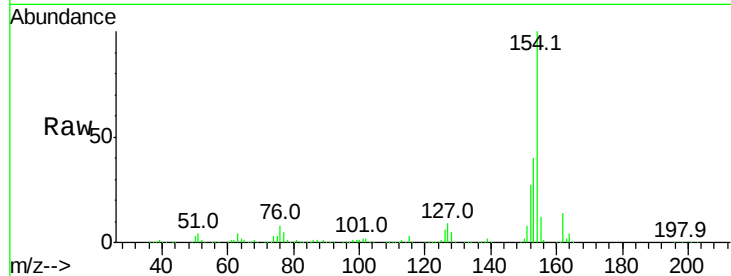
76 8.1 0.0 30.5

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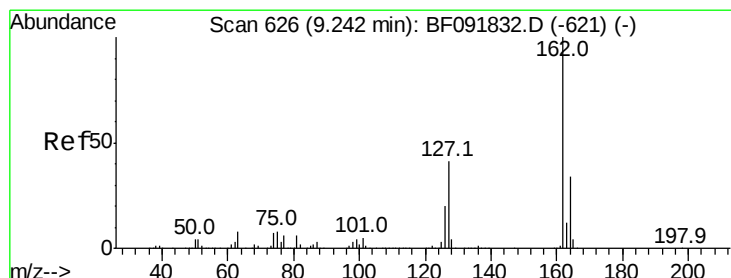
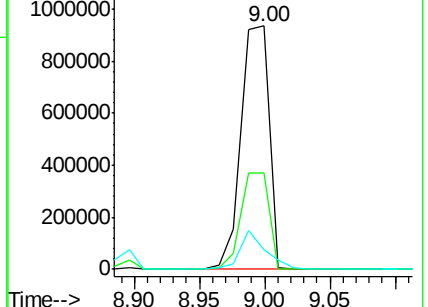
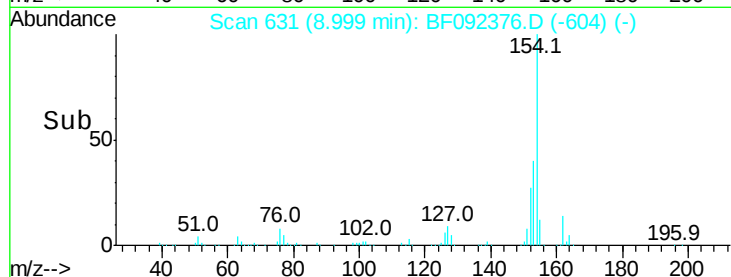
1/23/2017 2:44:52 PM



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: 41.94 ng

RT: 9.01 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

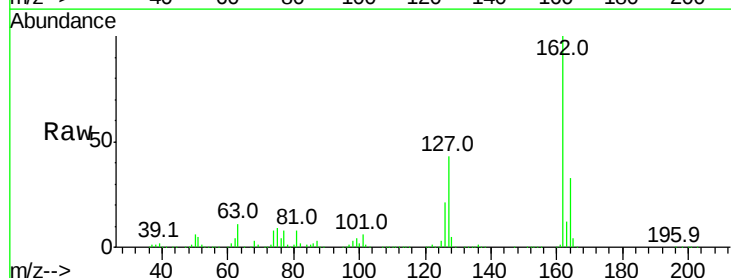
Tgt Ion:162 Resp: 1000224

Ion Ratio Lower Upper

162 100

127 43.2 30.7 46.1

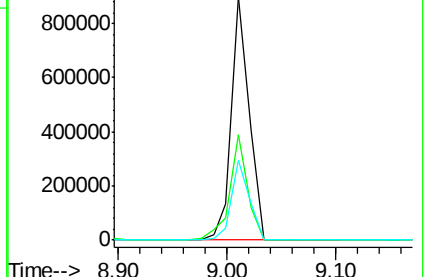
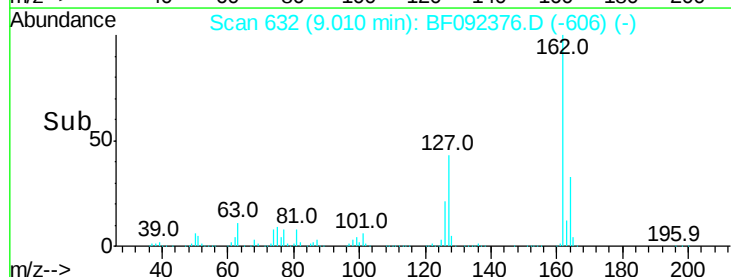
164 33.0 27.6 41.4

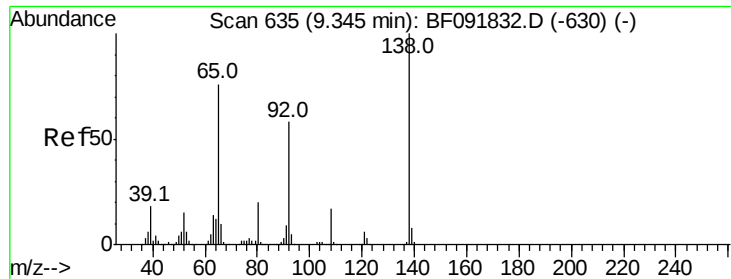


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.60 ng

RT: 9.12 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

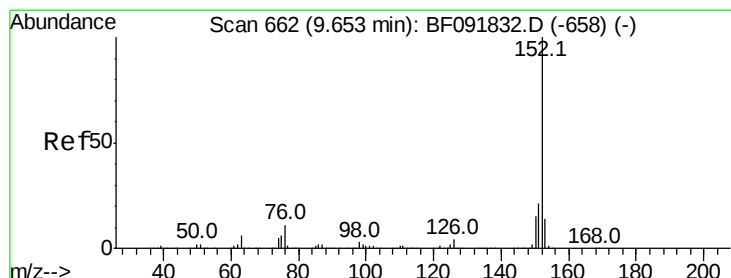
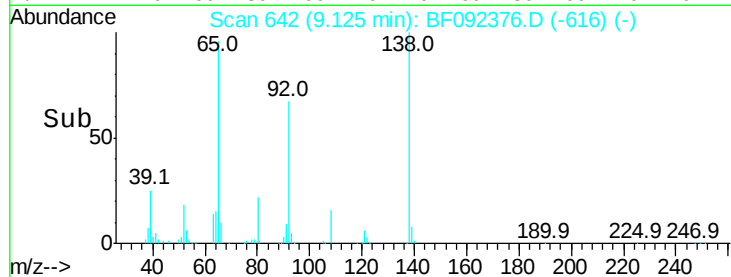
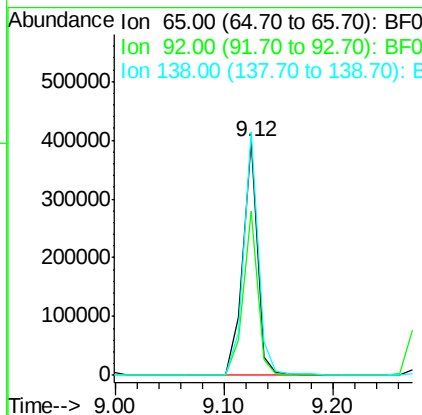
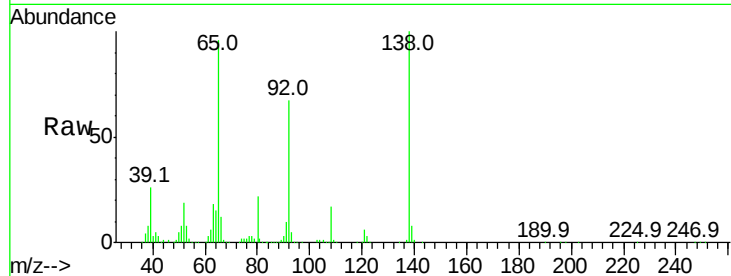
ClientSampleId :

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Tot Ion:	65	Resp:	370238
Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.9	80.9
138	104.0	76.8	115.2

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#48

Acenaphthylene

Concen: 40.99 ng

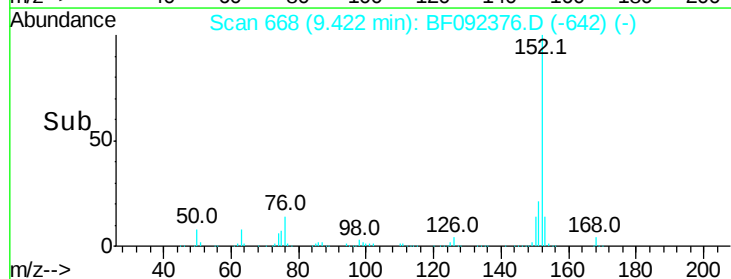
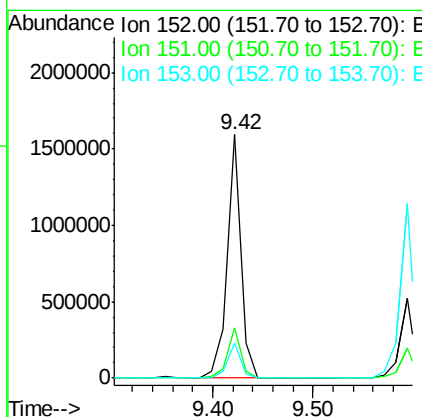
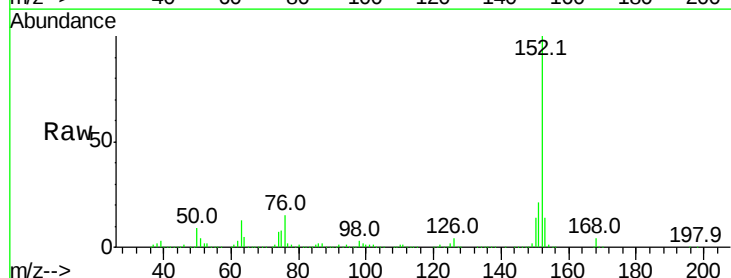
RT: 9.42 min Scan# 668

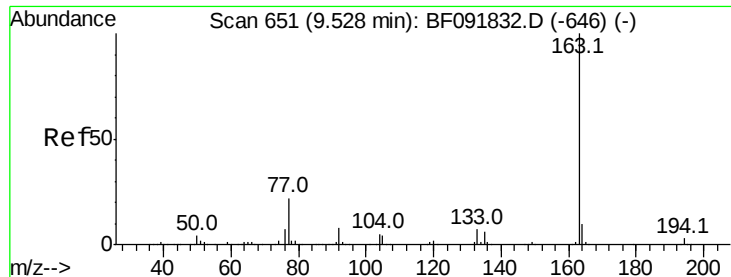
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:	152	Resp:	1503275
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	14.3	11.4	17.2





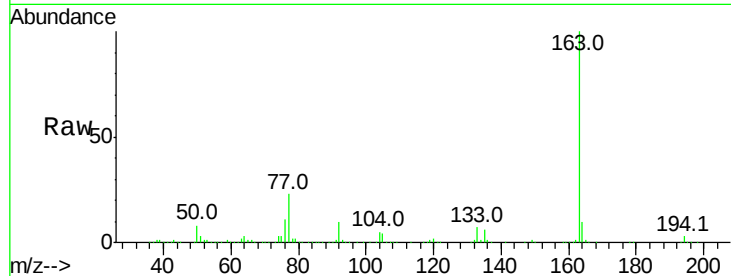
#49
Dimethylphthalate
Concen: 49.85 ng
RT: 9.31 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

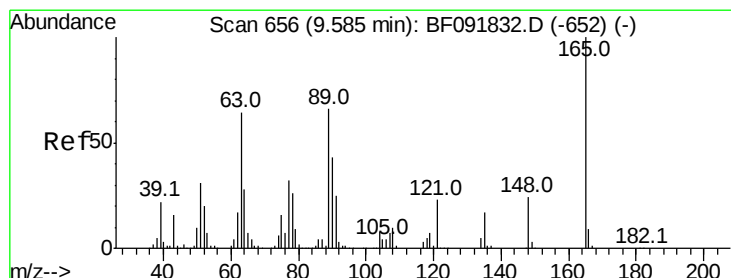
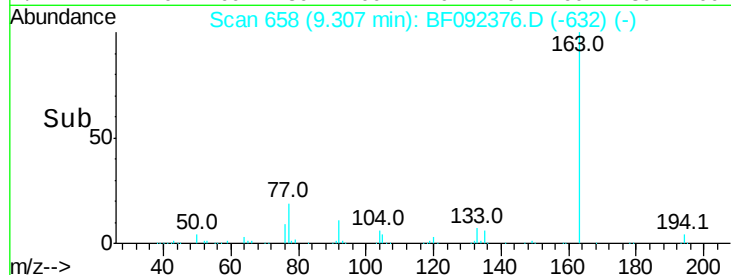
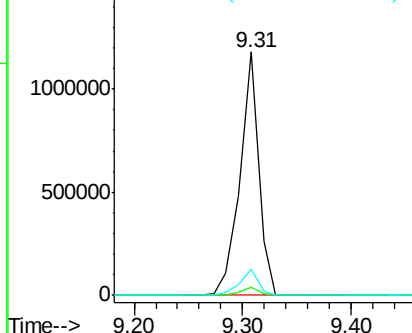
Tot Ion:163 Resp: 1402171
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 8.0 12.0

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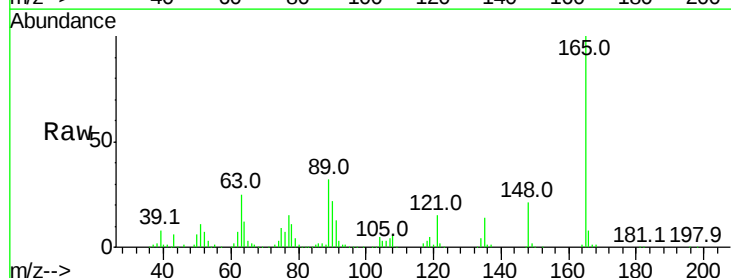


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

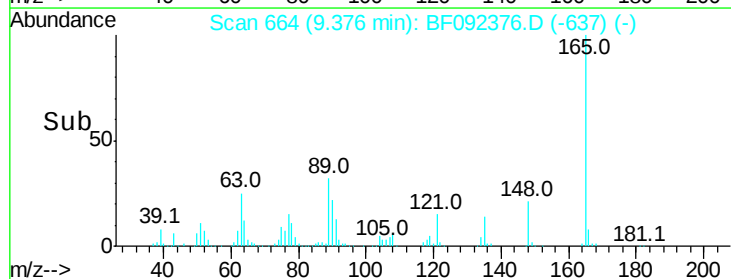
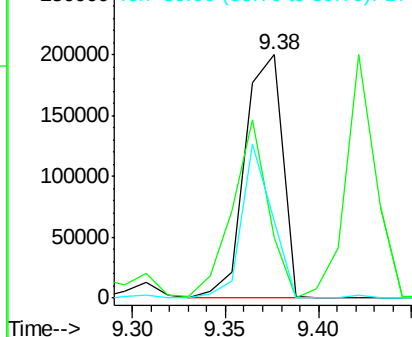


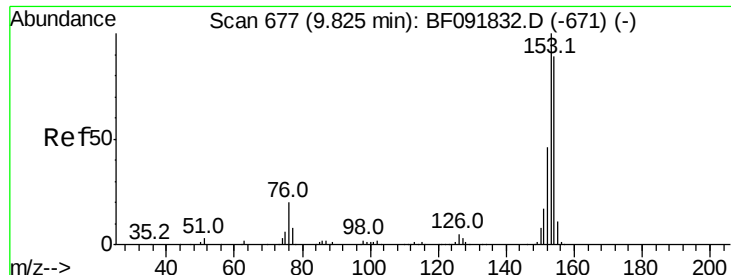
#50
2,6-Dinitrotoluene
Concen: 45.02 ng
RT: 9.38 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:165 Resp: 277190
Ion Ratio Lower Upper
165 100
63 24.7 36.2 54.4#
89 31.9 40.2 60.4#



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





#51

Acenaphthene

Concen: 38.20 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

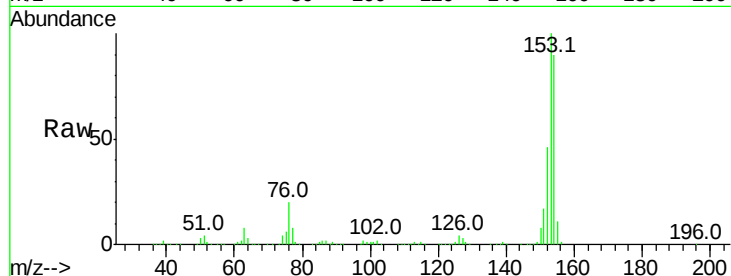
ClientSampleId :

MH-0-12FT-COMPMS

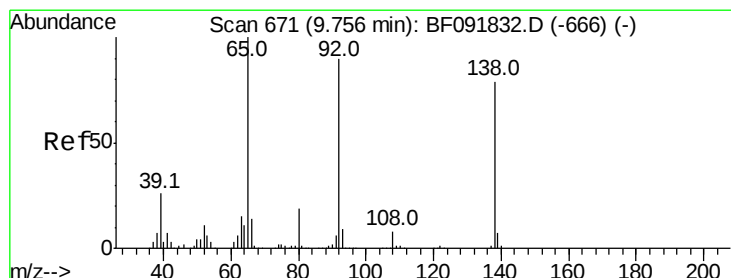
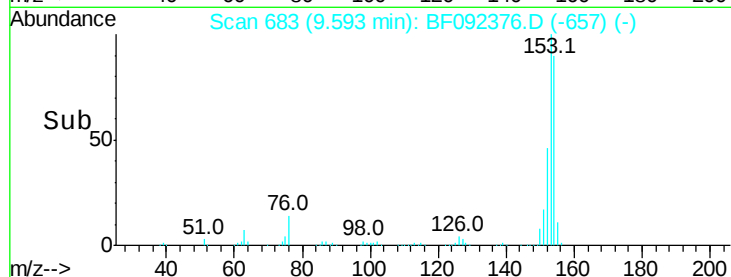
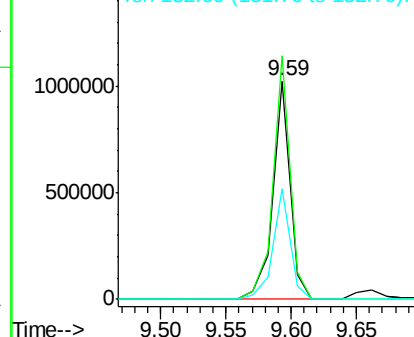
Tot Ion:	154	Resp:	949887
Ion Ratio	Lower	Upper	
154	100		
153	111.5	88.6	133.0
152	50.8	41.6	62.4

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1/23/2017 2:44:52 PM



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: 26.61 ng

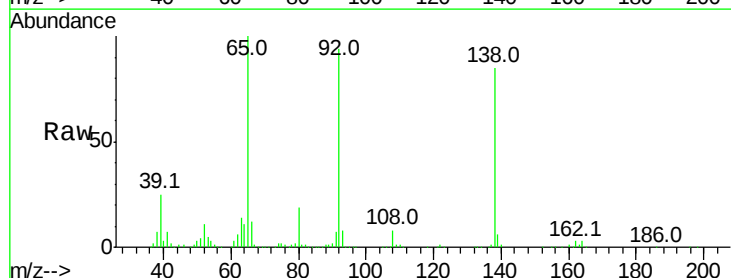
RT: 9.54 min Scan# 678

Delta R.T. -0.00 min

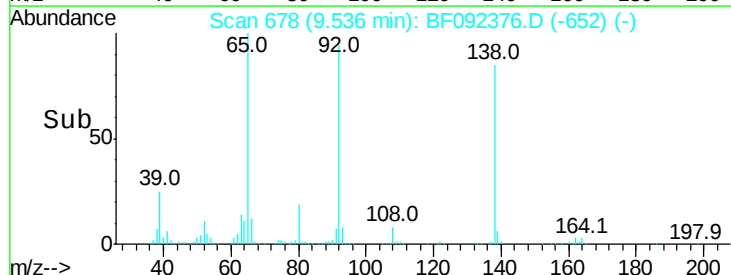
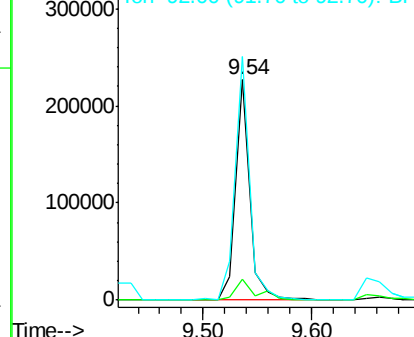
Lab File: BF092376.D

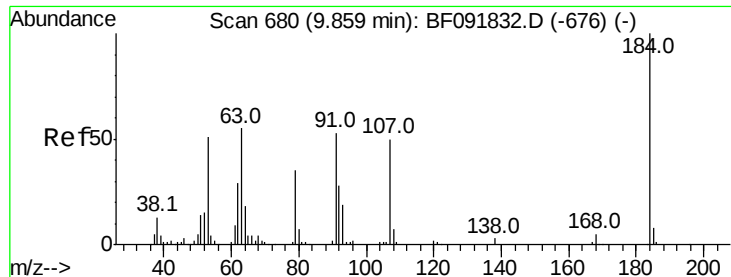
Acq: 20 Jan 2017 16:47

Tgt Ion:	138	Resp:	202760
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	110.6	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





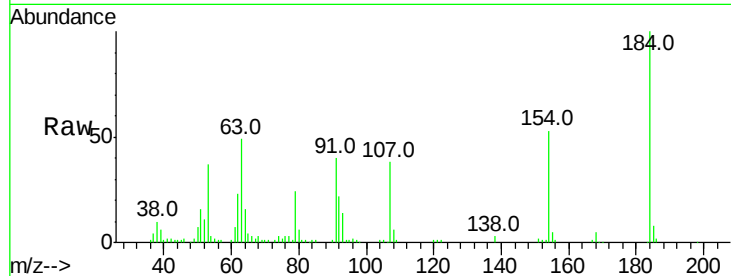
#53
2,4-Dinitrophenol
Concen: 38.29 ng
RT: 9.66 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

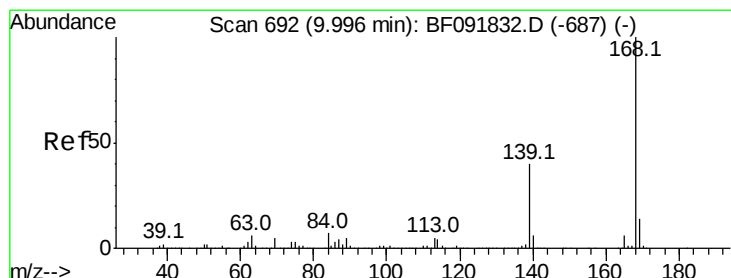
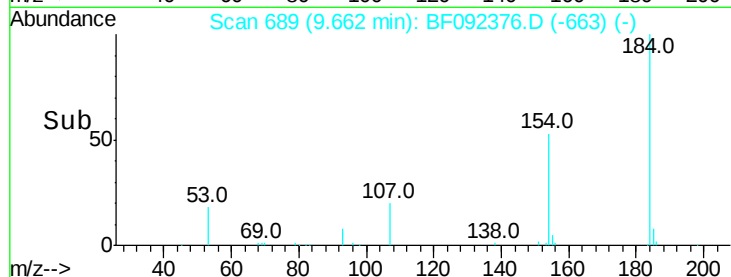
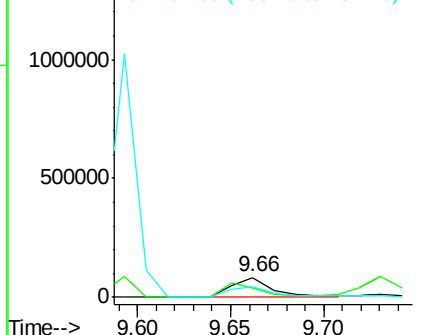
Tot Ion	Ratio	Lower	Upper
184	100		
63	48.9	28.4	42.6#
154	53.3	44.3	66.5

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1/23/2017 2:44:52 PM

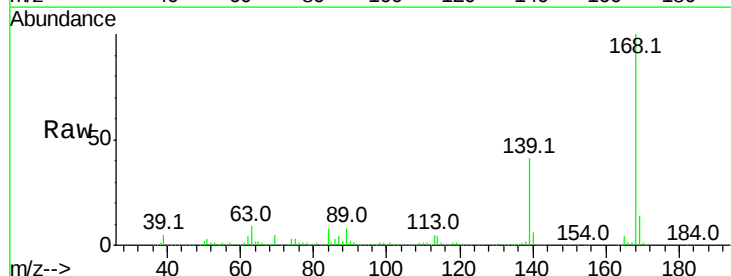


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

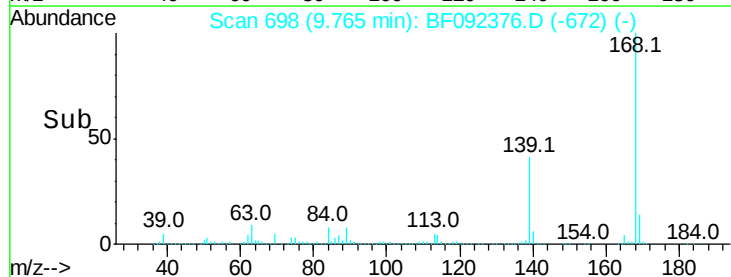
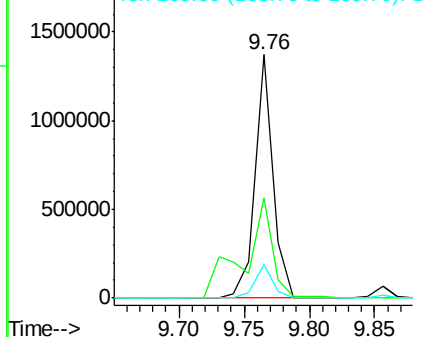


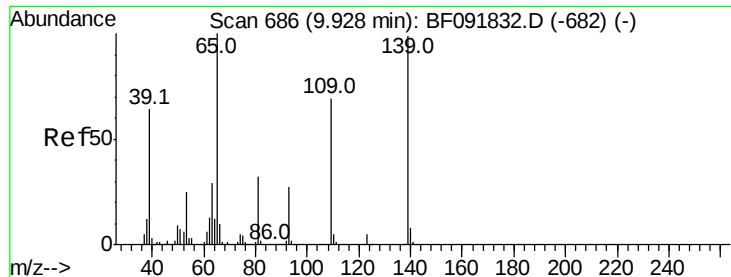
#54
Dibenzofuran
Concen: 39.17 ng
RT: 9.76 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.6	49.0
169	13.8	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: 75.81 ng/mL

RT: 9.73 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

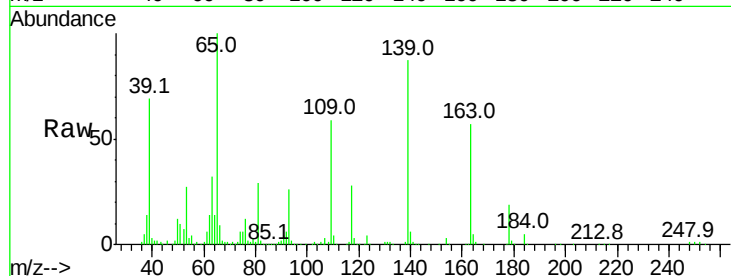
ClientSampleId :

MH-0-12FT-COMPMS

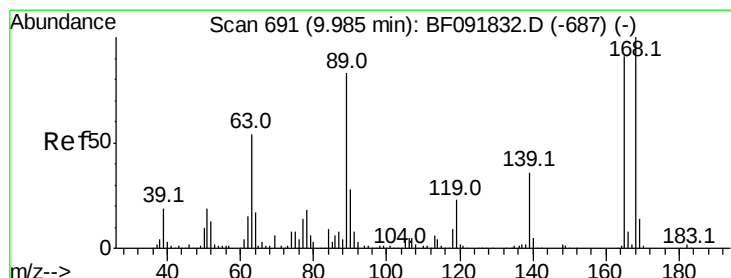
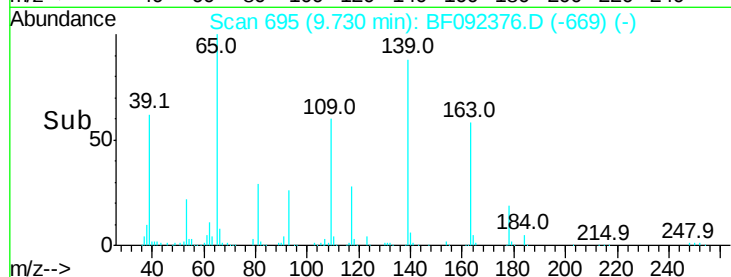
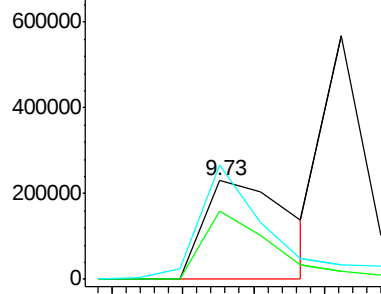
Tot Ion:139	Resp:	392223
Ion Ratio	Lower	Upper
139	100	
109	68.6	52.2 92.2
65	115.5	85.8 125.8

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.25 ng/mL

RT: 9.78 min Scan# 699

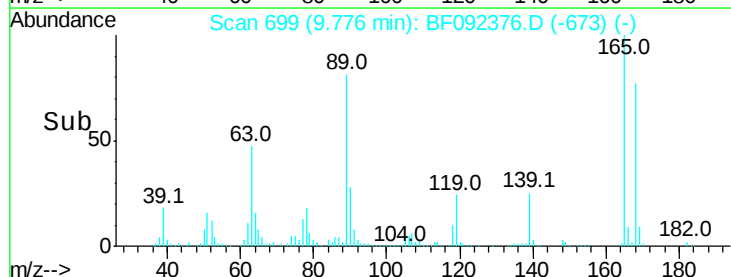
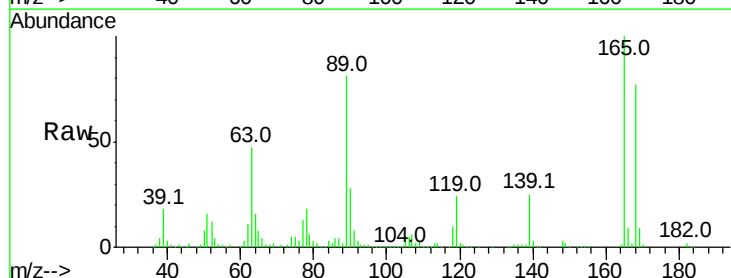
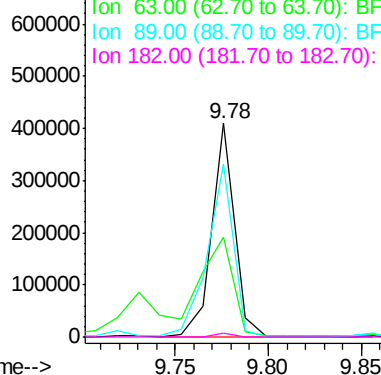
Delta R.T. -0.00 min

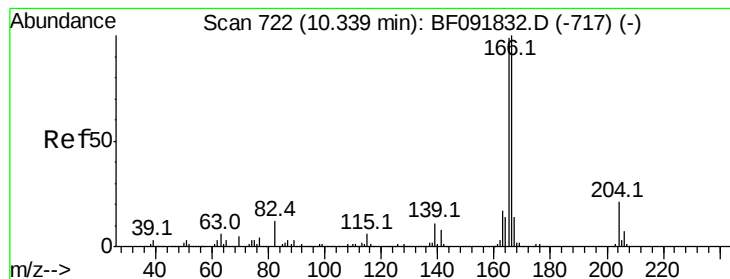
Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:165	Resp:	349664
Ion Ratio	Lower	Upper
165	100	
63	46.6	40.2 60.4
89	80.7	62.5 93.7
182	2.0	1.8 2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.60 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

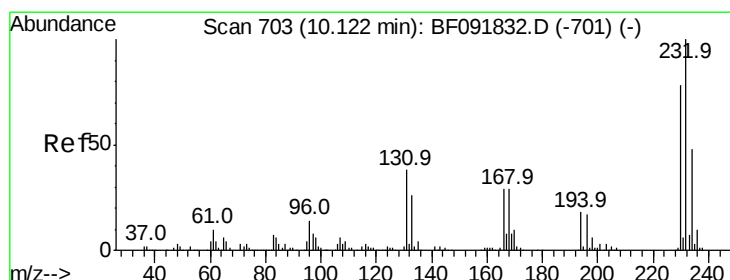
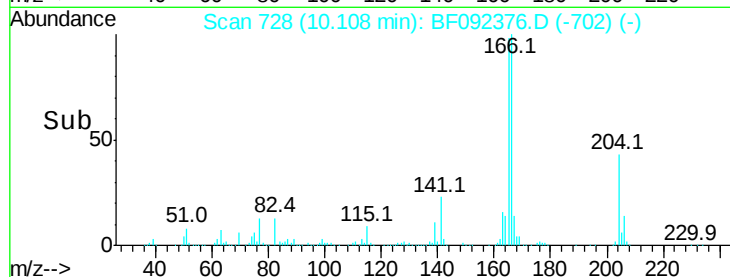
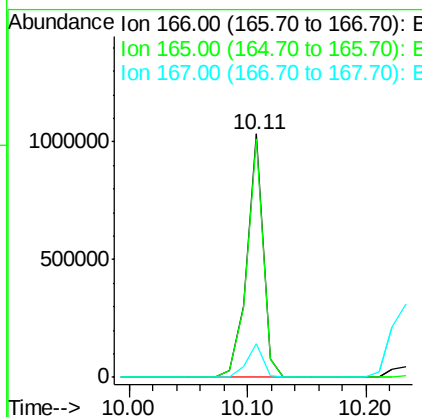
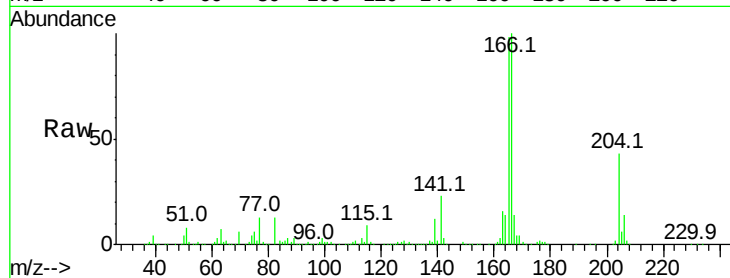
ClientSampleId :

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Tot Ion:	166	Resp:	991891
Ion Ratio	Lower	Upper	
166	100		
165	98.0	77.8	116.8
167	13.6	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.33 ng

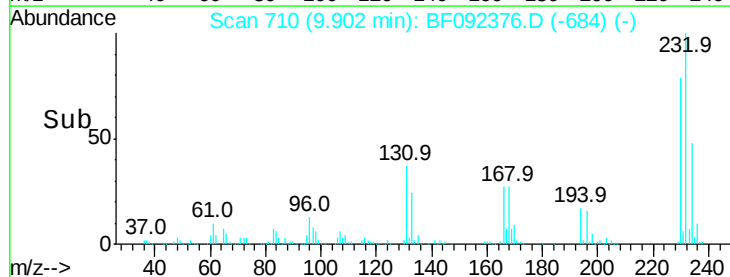
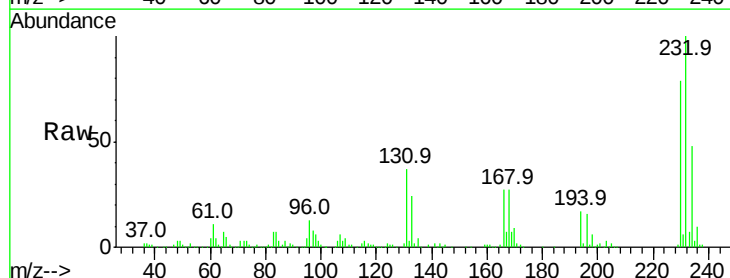
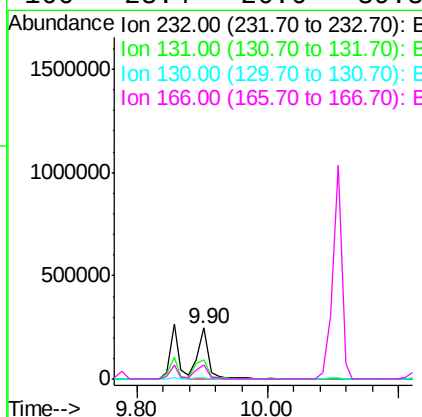
RT: 9.90 min Scan# 710

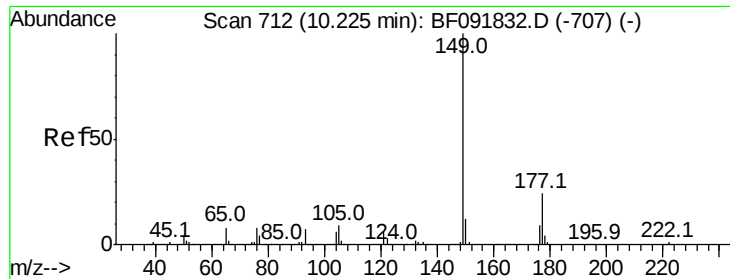
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:	232	Resp:	286750
Ion Ratio	Lower	Upper	
232	100		
131	45.5	40.1	60.1
130	2.1	1.8	2.8
166	28.4	26.6	39.8





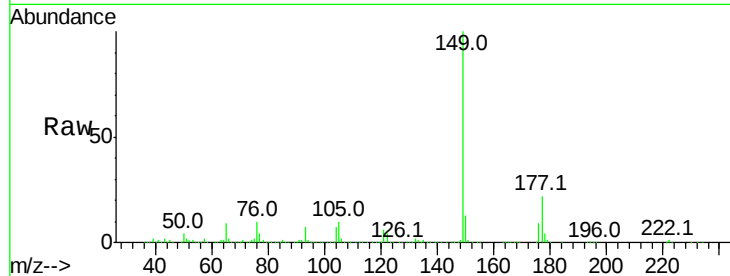
#59
Diethylphthalate
Concen: 44.79 ng
RT: 10.00 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

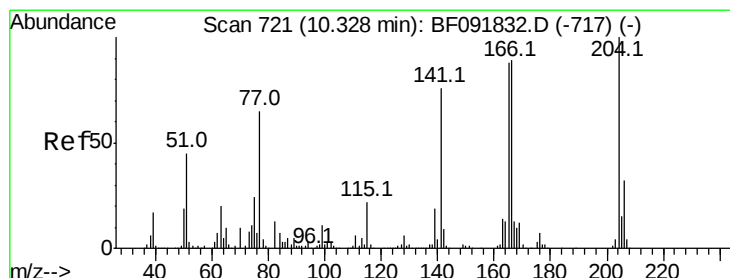
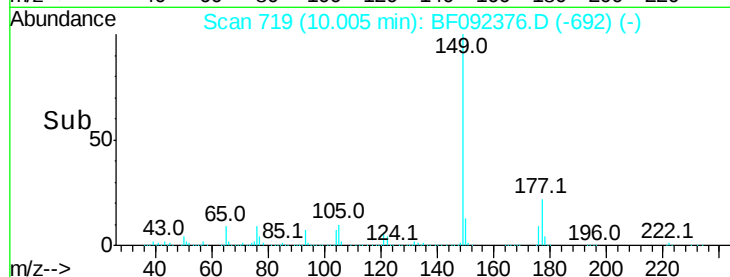
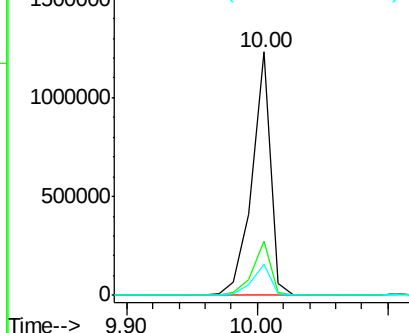
Tot Ion:149 Resp: 1223700
Ion Ratio Lower Upper
149 100
177 22.2 16.6 25.0
150 12.6 10.4 15.6

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1/23/2017 2:44:52 PM

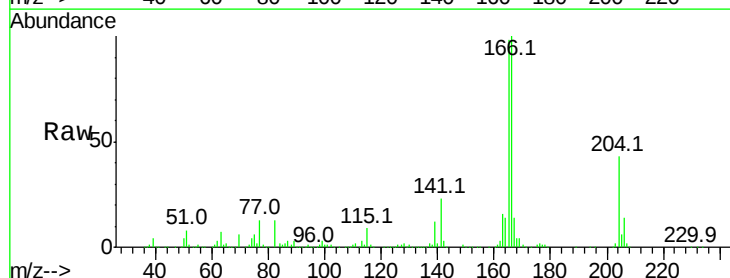


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

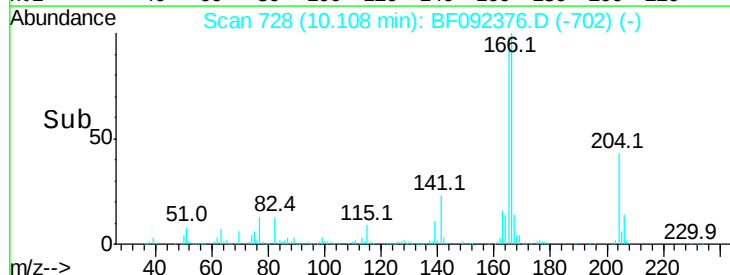
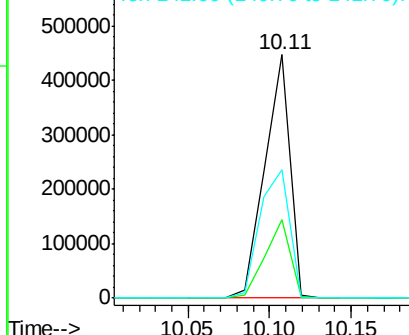


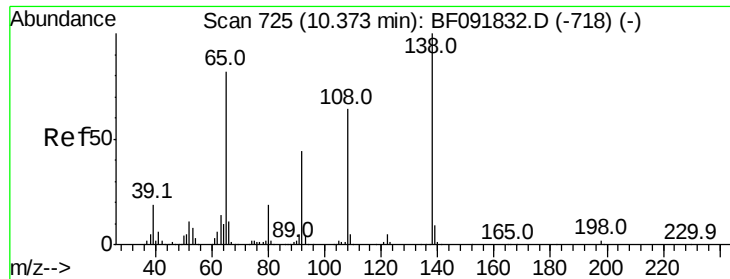
#60
4-Chlorophenyl-phenylether
Concen: 45.04 ng
RT: 10.11 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:204 Resp: 481796
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 53.0 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





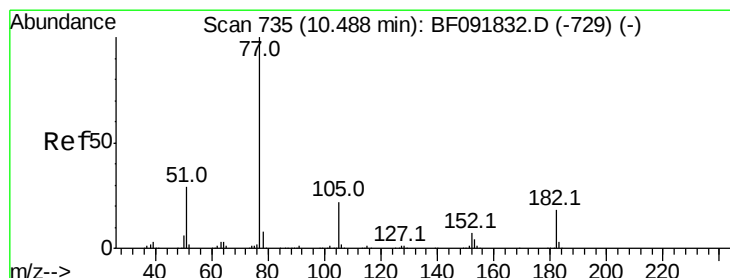
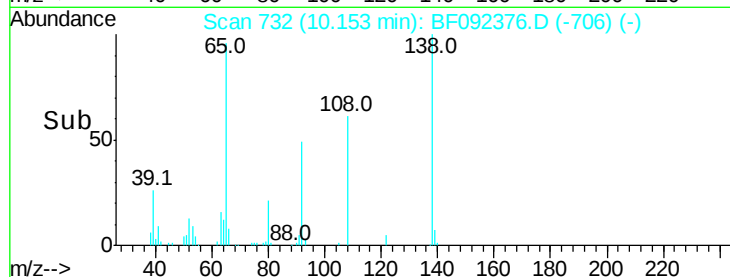
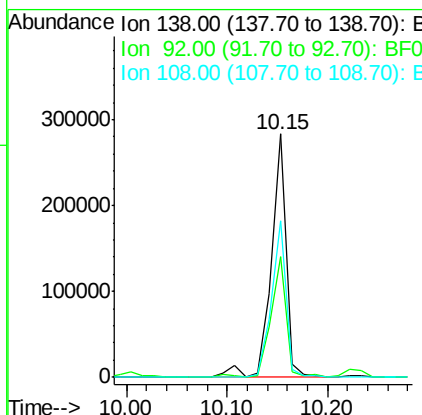
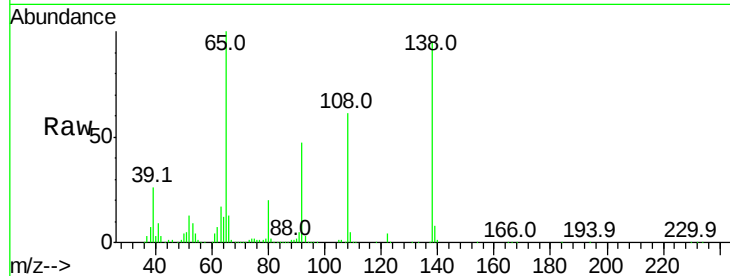
#61
4-Nitroaniline
Concen: 37.20 ng
RT: 10.15 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.6	31.7	71.7
108	64.1	52.6	92.6

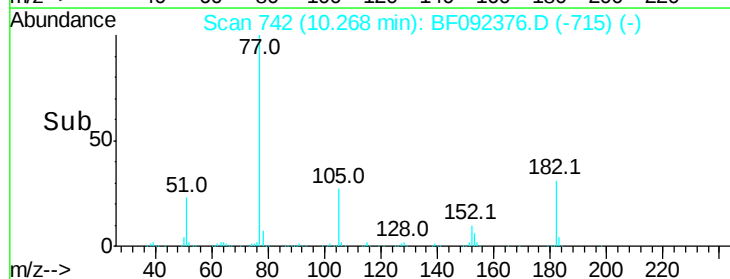
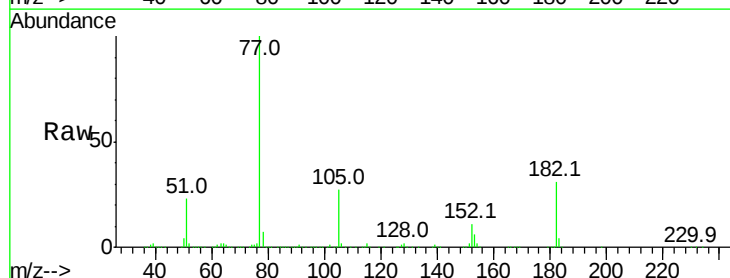
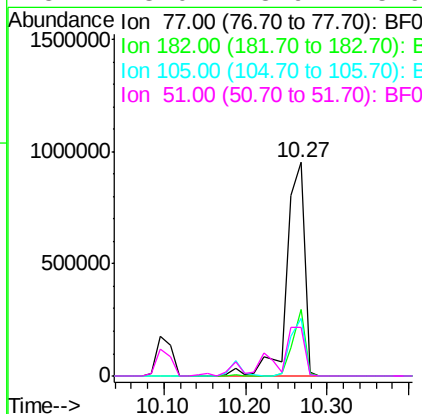
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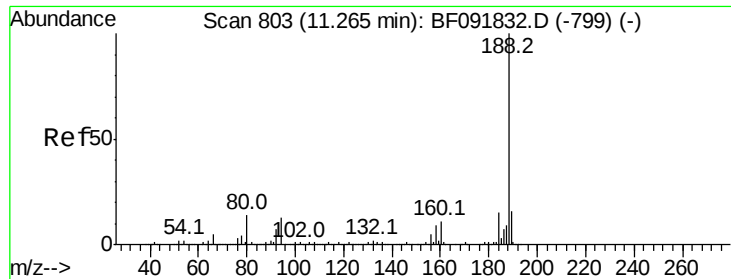
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#62
Azobenzene
Concen: 46.91 ng
RT: 10.27 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.4	0.0	39.3
105	26.7	2.3	42.3
51	23.0	8.9	48.9





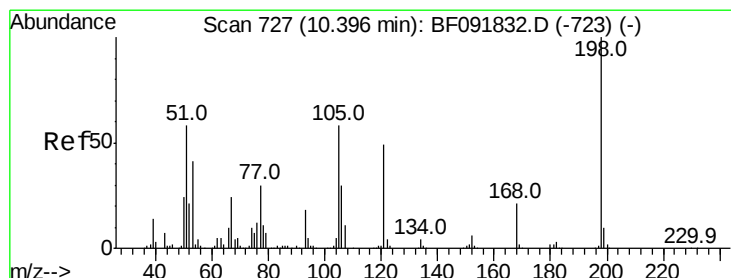
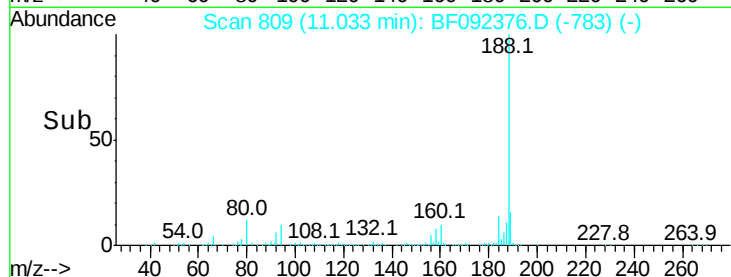
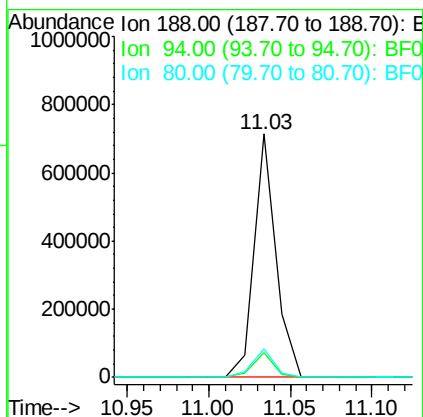
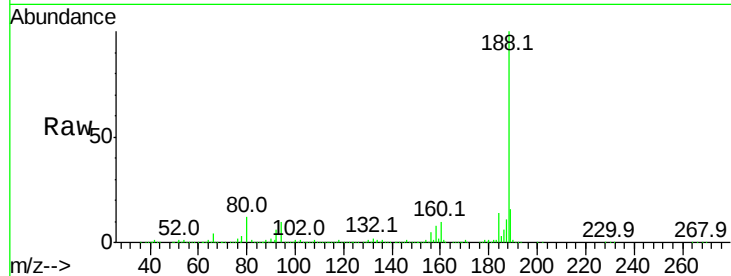
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	666669		
94	10.4		10.0	15.0
80	11.6		11.2	16.8

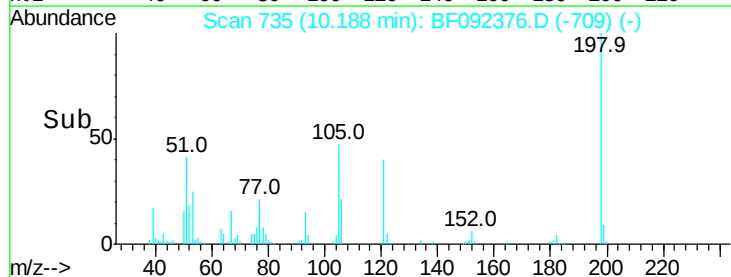
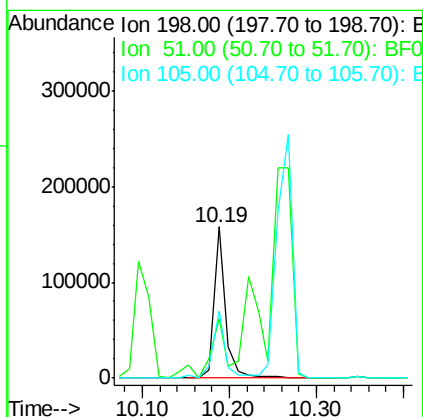
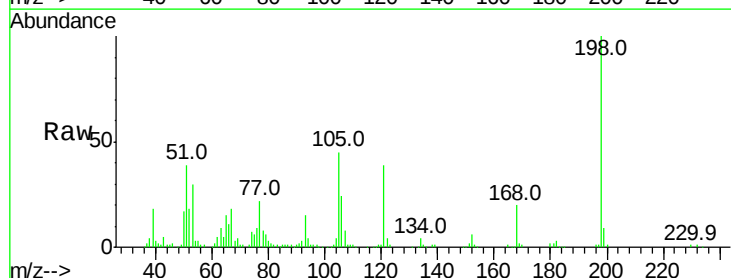
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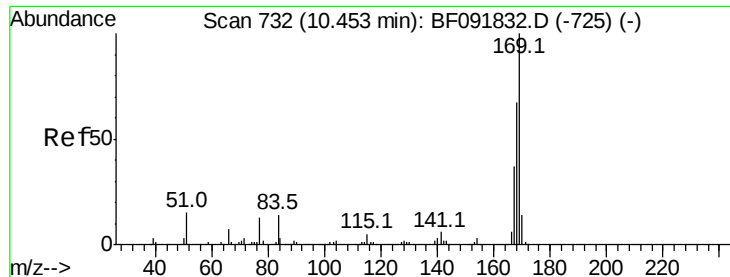
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.18 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	149898		
51	39.4		6.7	46.7
105	44.7		16.6	56.6





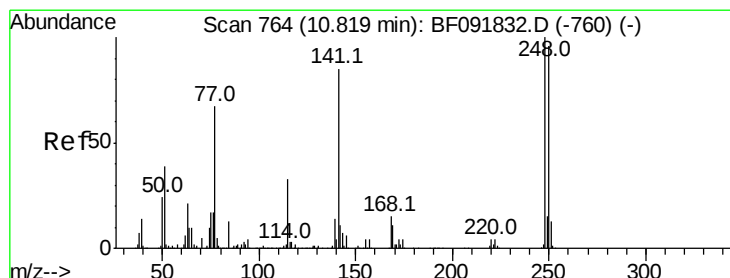
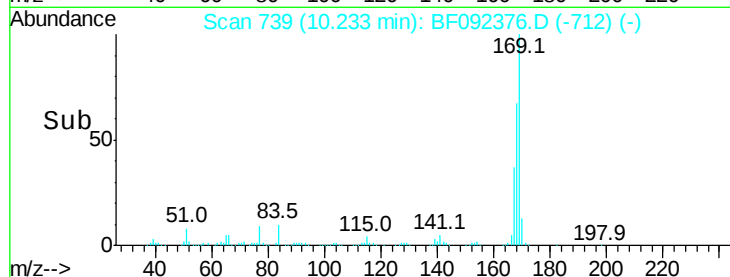
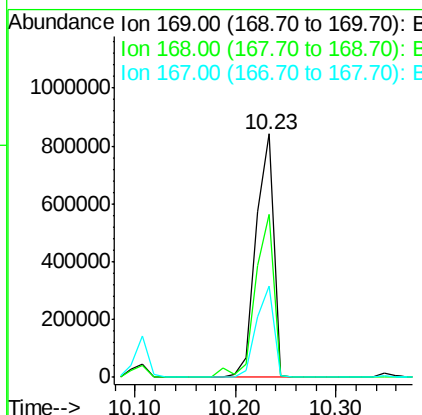
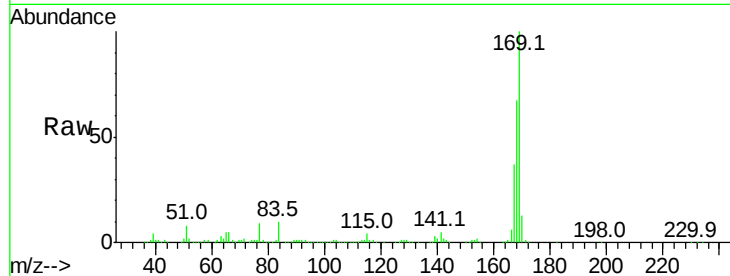
#65
n-Nitrosodiphenylamine
Concen: 52.10 ng
RT: 10.23 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion:169 Resp: 1030756
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 37.2 30.2 45.4

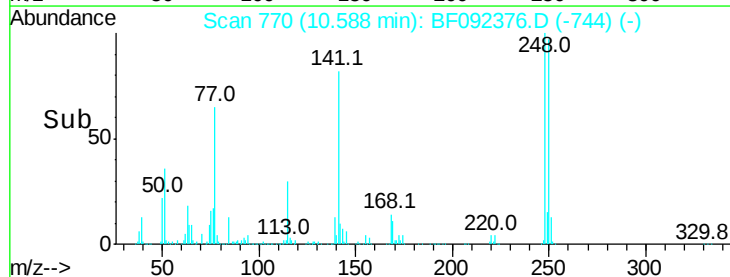
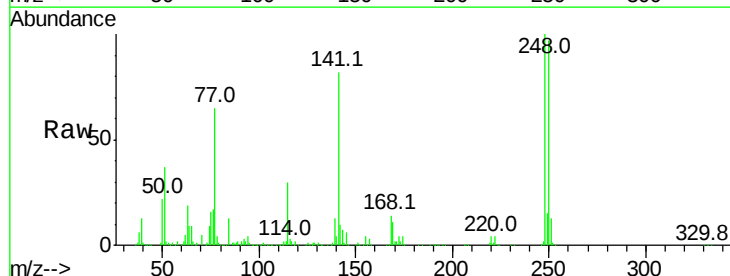
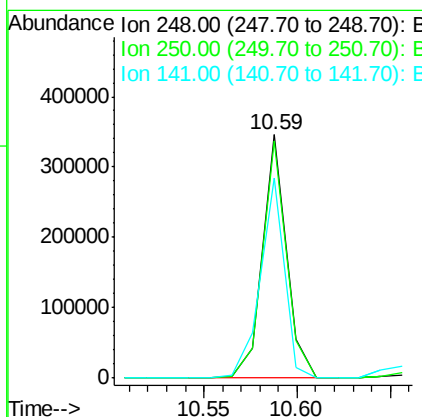
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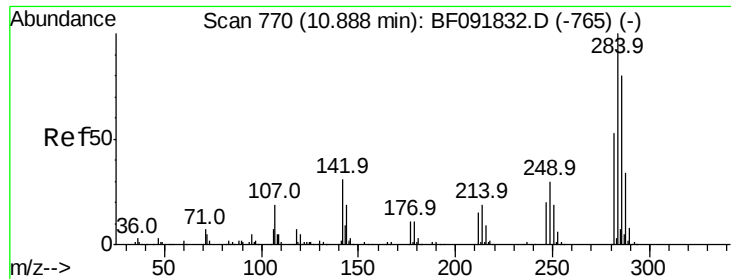
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#66
4-Bromophenyl-phenylether
Concen: 44.27 ng
RT: 10.59 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:248 Resp: 306999
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 82.0 68.2 102.4





#67

Hexachlorobenzene

Concen: 44.14 ng

RT: 10.66 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

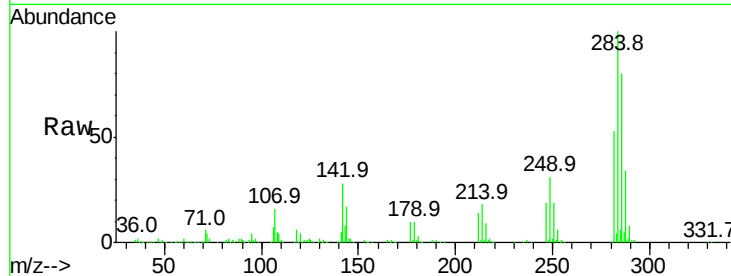
ClientSampleId :

MH-0-12FT-COMPMS

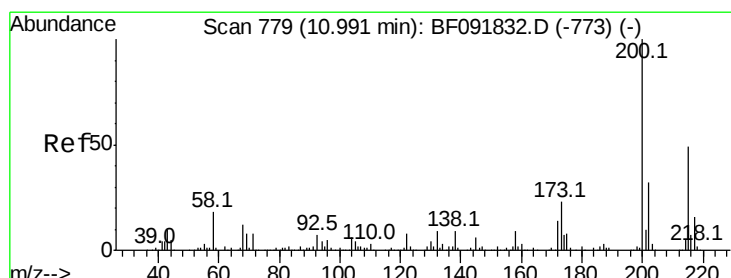
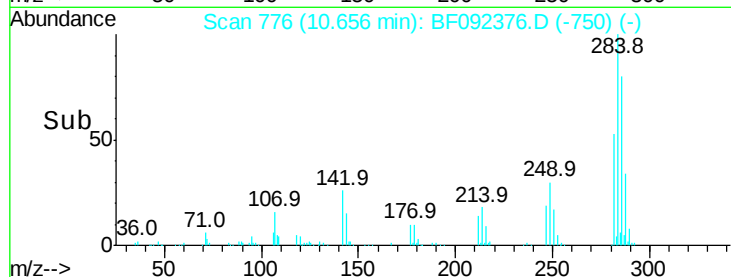
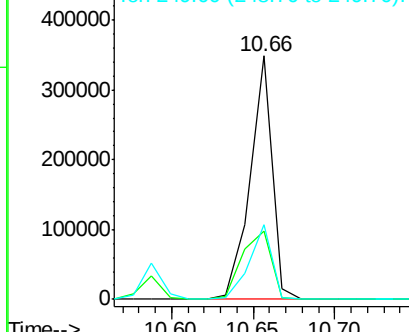
Tot Ion	Ratio	Resp	Lower	Upper
284	100	327156		
142	28.2		22.6	33.8
249	30.7		25.4	38.0

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



#68

Atrazine

Concen: 50.81 ng

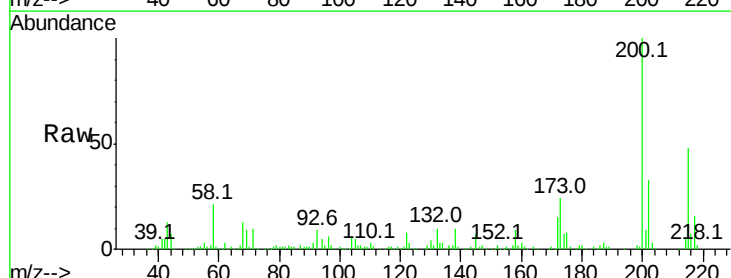
RT: 10.77 min Scan# 786

Delta R.T. 0.01 min

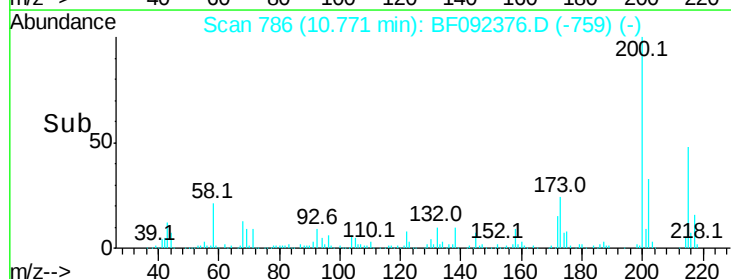
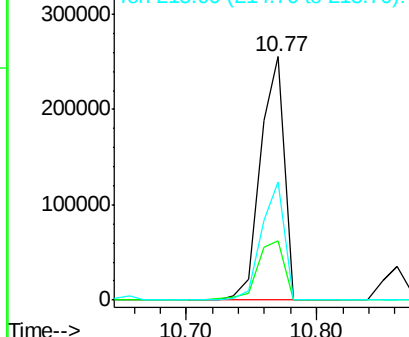
Lab File: BF092376.D

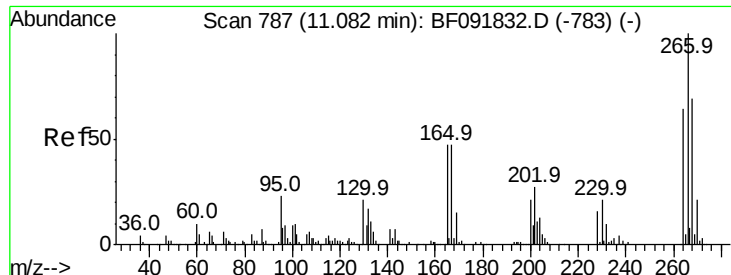
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	324202		
173	24.2		9.6	49.6
215	48.3		25.7	65.7



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





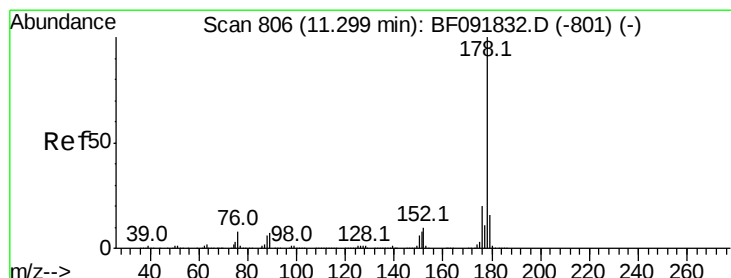
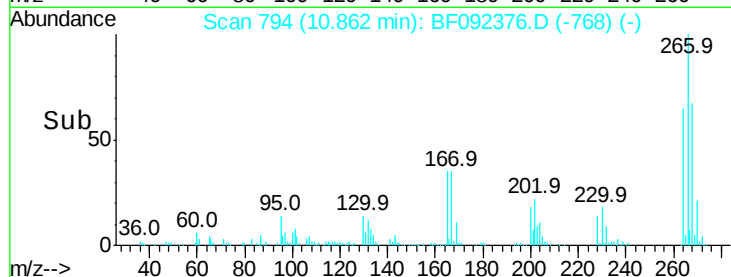
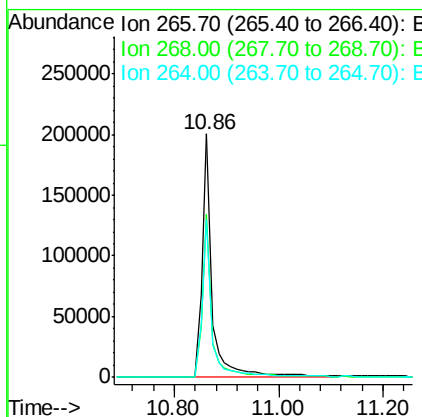
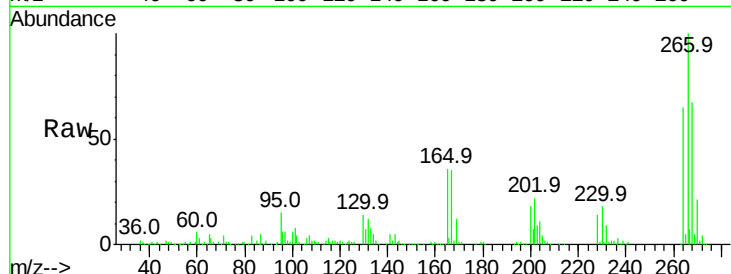
#69
 Pentachlorophenol
 Concen: 75.50 ng
 RT: 10.86 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.3	79.9
264	64.8	50.3	75.5

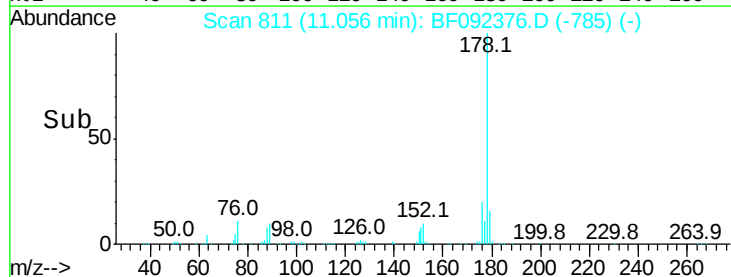
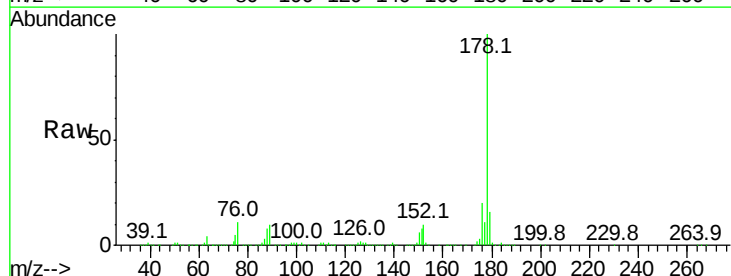
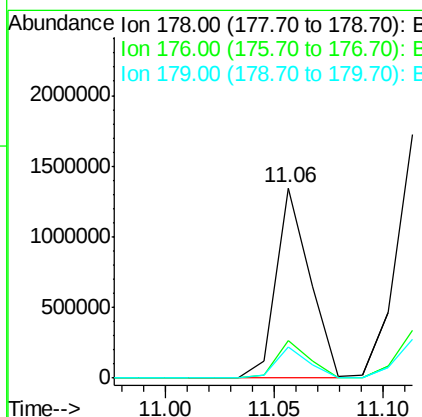
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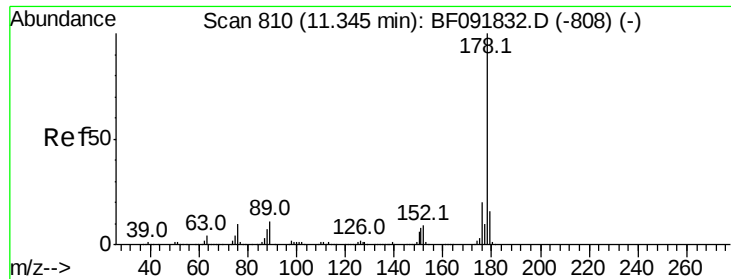
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#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	16.0	12.8	19.2





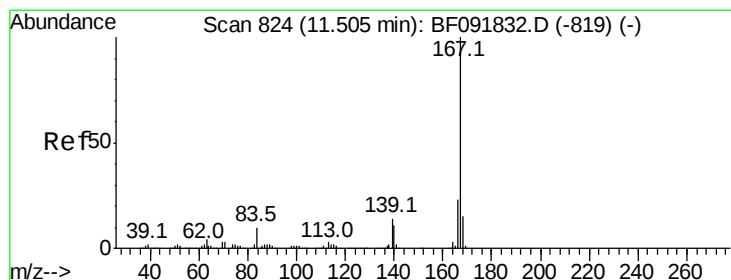
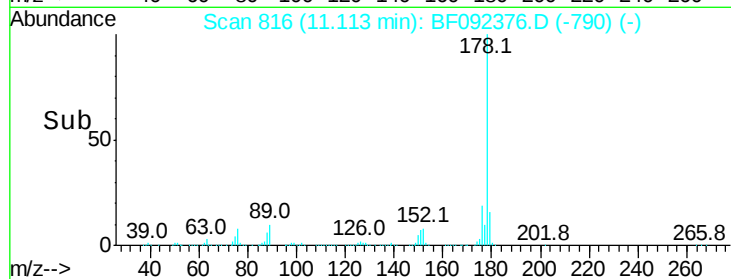
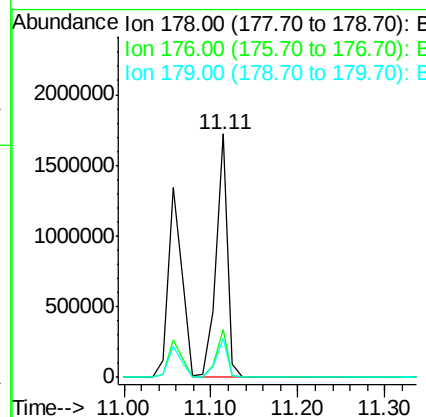
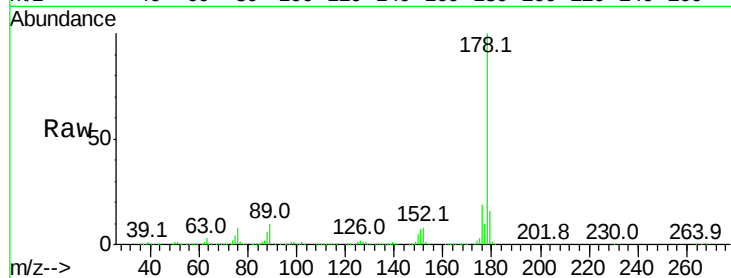
#71
 Anthracene
 Concen: 52.84 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion:178 Resp: 1592998
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.2 13.2 19.8

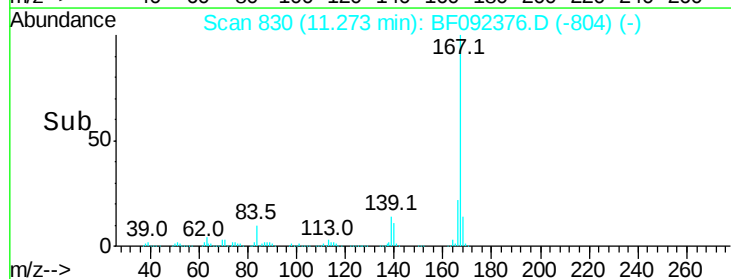
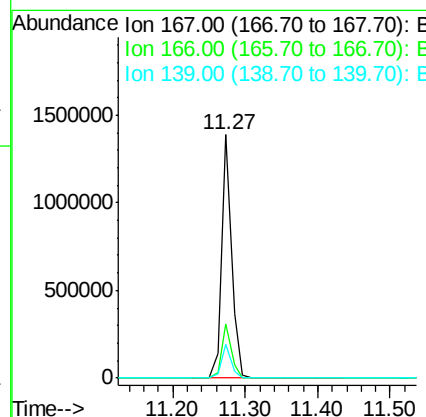
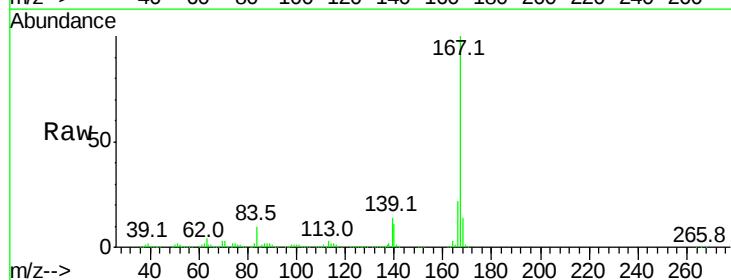
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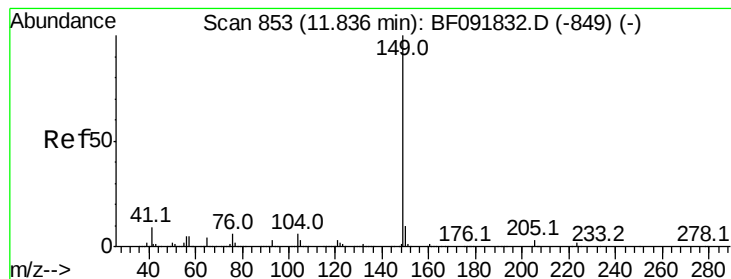
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#72
 Carbazole
 Concen: 43.96 ng
 RT: 11.27 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:167 Resp: 1322133
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 14.0 11.4 17.2





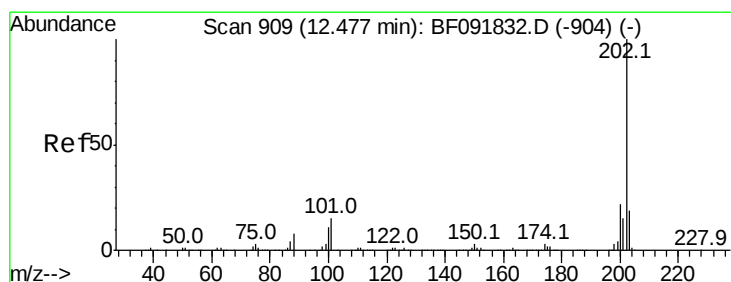
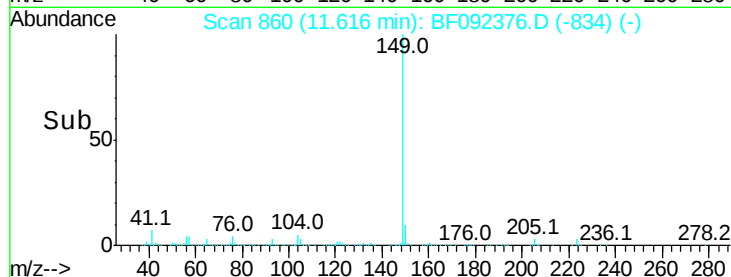
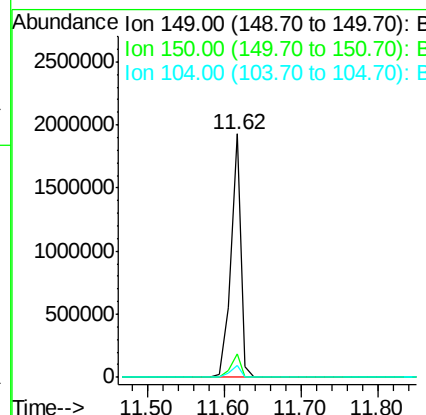
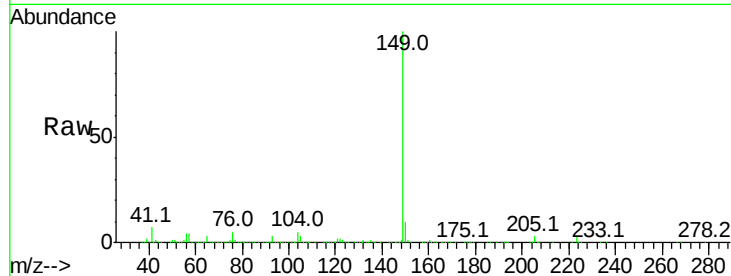
#73
Di-n-butylphthalate
Concen: 52.57 ng
RT: 11.62 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion:149 Resp: 1776983
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 5.0 4.6 7.0

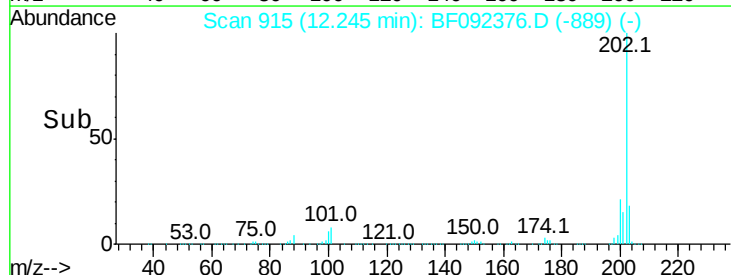
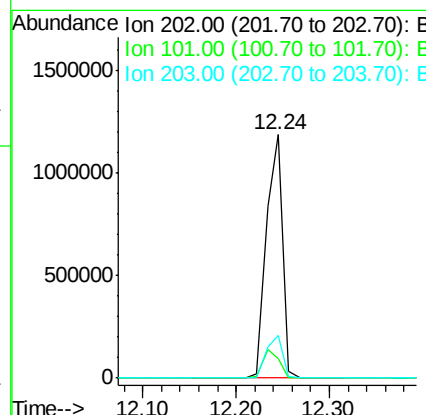
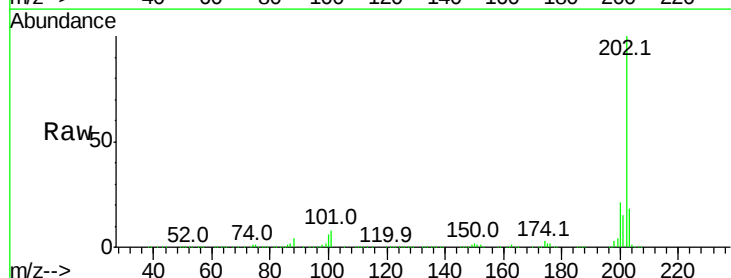
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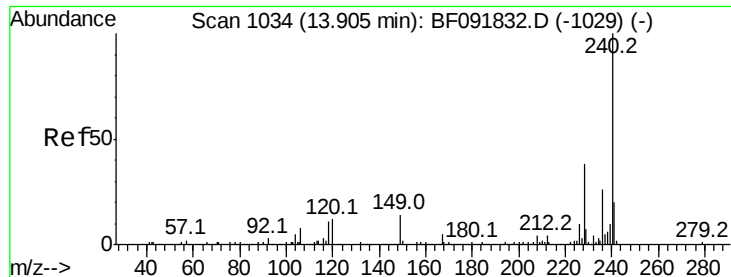
mohammad
1/23/2017 2:44:52 PM



#74
Fluoranthene
Concen: 45.18 ng
RT: 12.24 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:202 Resp: 1432319
Ion Ratio Lower Upper
202 100
101 8.0 0.0 34.6
203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

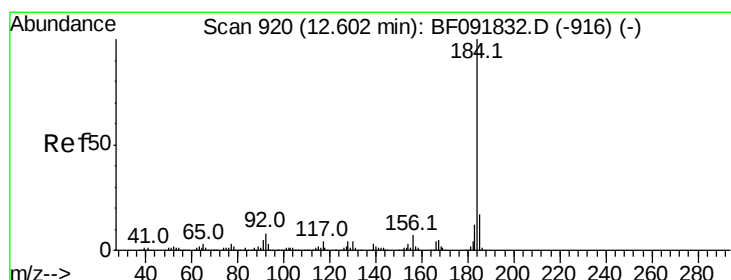
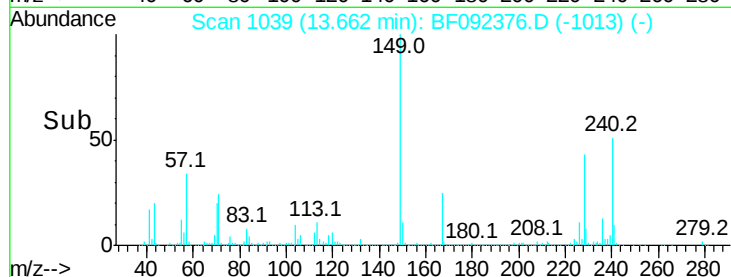
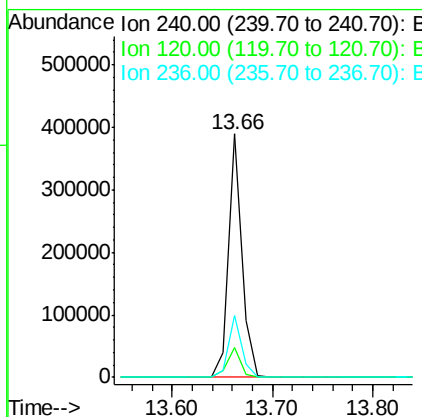
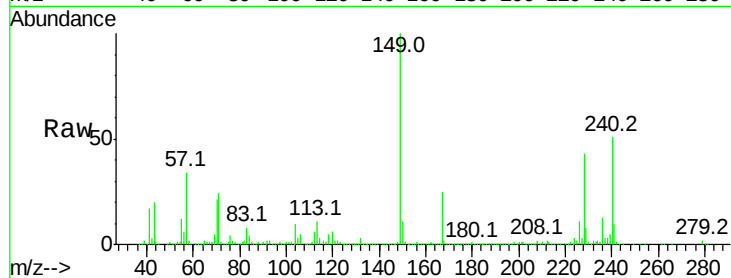
ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	361999		
120	12.2		12.9	19.3#
236	25.6		20.9	31.3

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#76

Benzidine

Concen: 21.16 ng

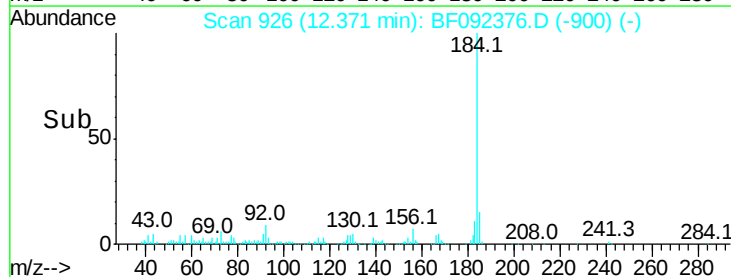
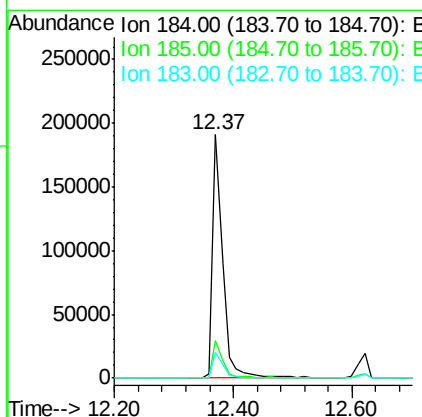
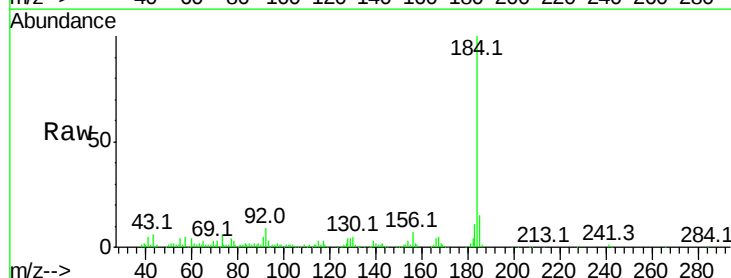
RT: 12.37 min Scan# 926

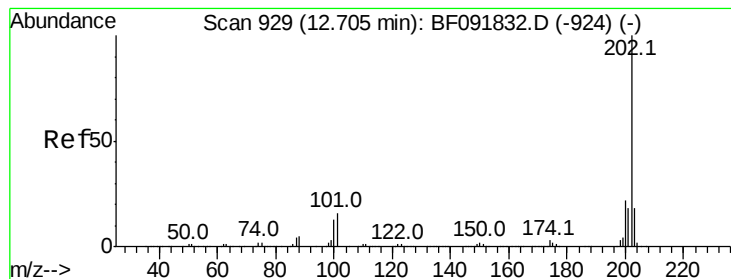
Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	226147		
185	15.4		13.4	20.0
183	10.6		9.2	13.8





#77

Pvrene

Concen: 48.91 ng

RT: 12.46 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion:202 Resp: 1299117

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

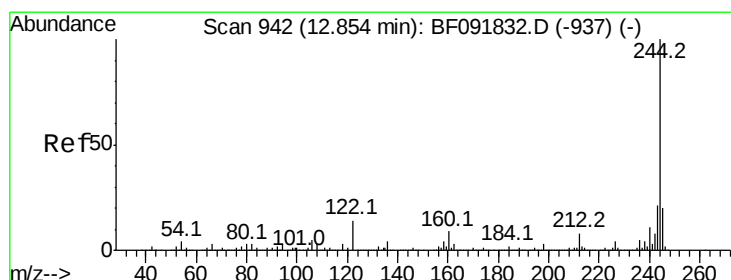
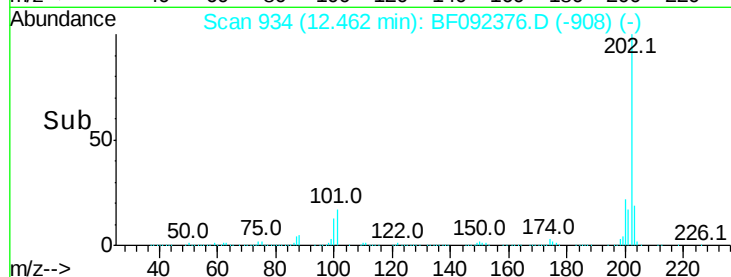
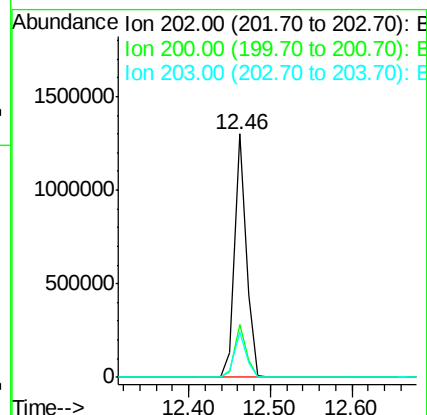
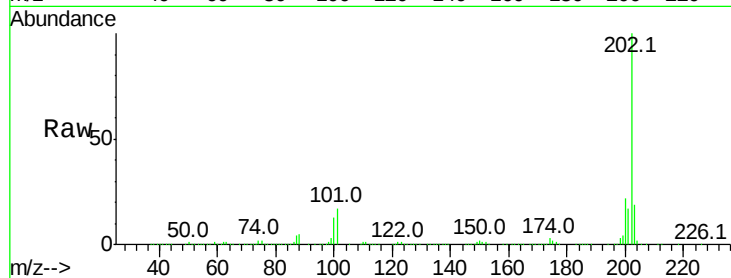
203 18.6 14.7 22.1

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#78

Terphenyl-d14

Concen: 111.19 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

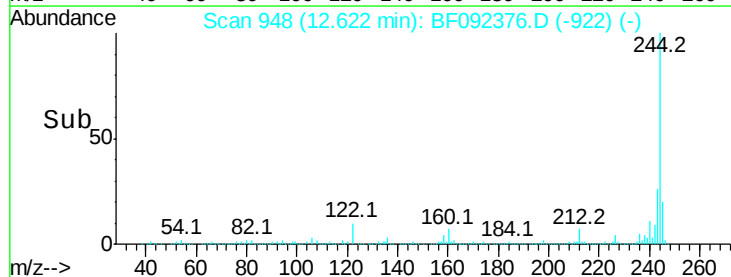
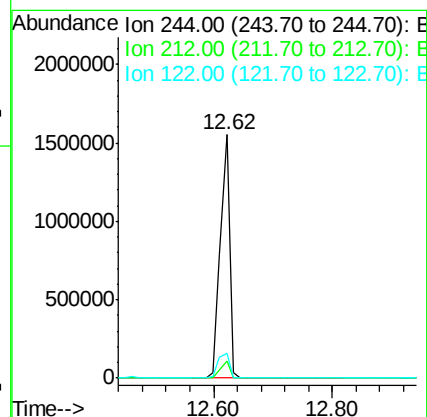
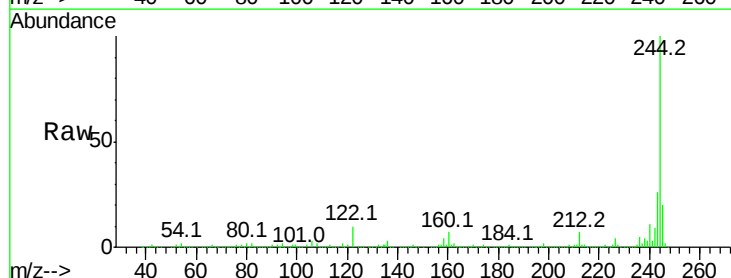
Tgt Ion:244 Resp: 1659580

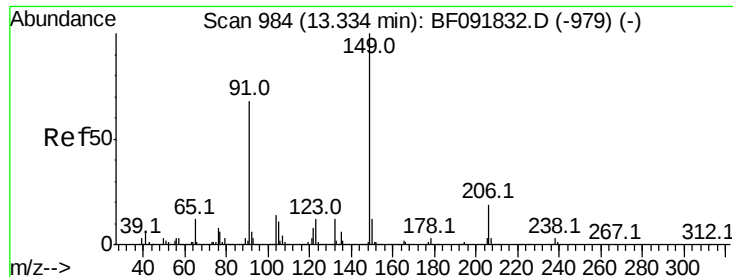
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 10.1 11.4 17.2#





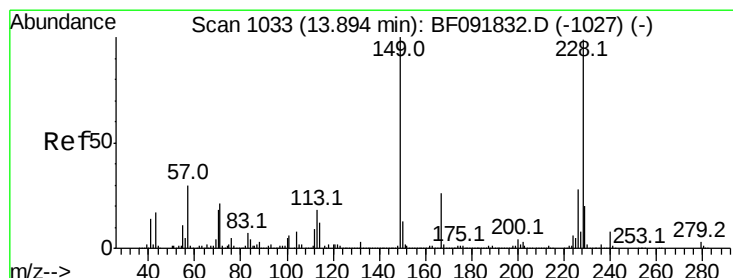
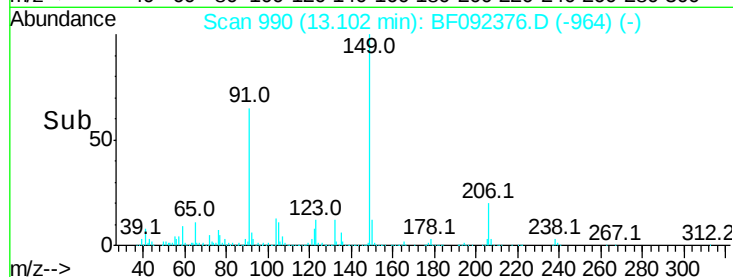
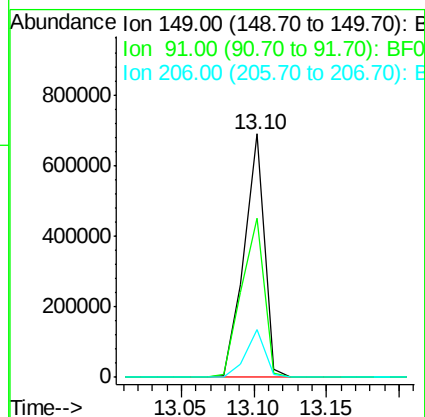
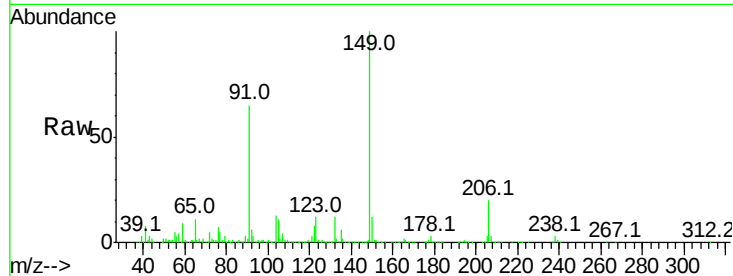
#79
Butylbenzylphthalate
Concen: 55.75 ng
RT: 13.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	673447		
91	65.2	63.9	95.9	
206	19.6	14.6	21.8	

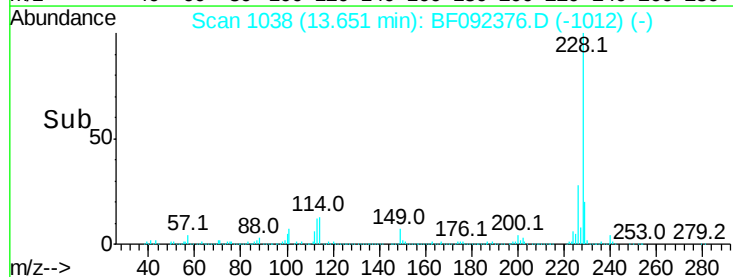
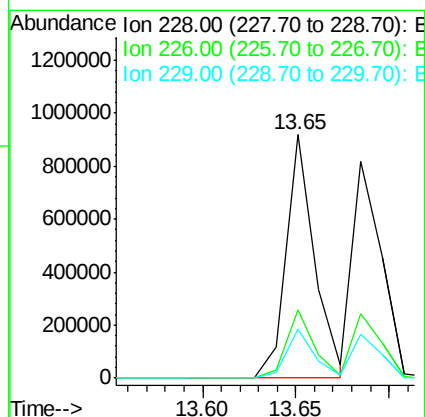
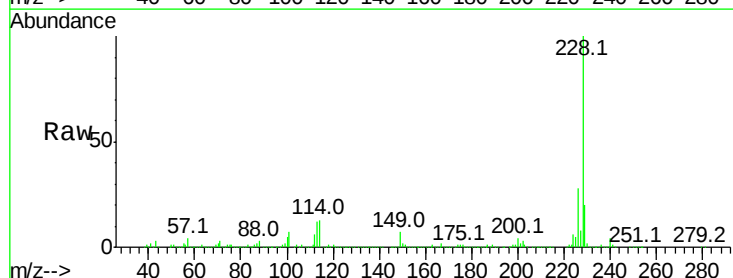
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#80
Benzo(a)anthracene
Concen: 47.60 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	972711		
226	27.8	22.4	33.6	
229	20.1	16.2	24.4	





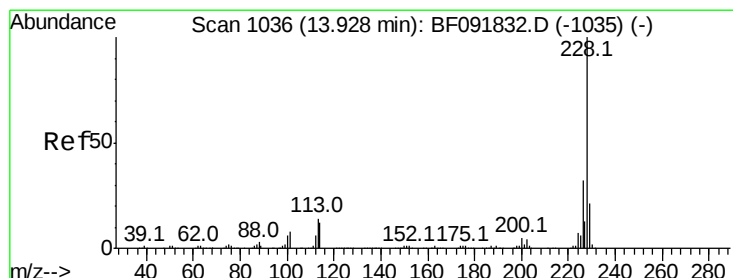
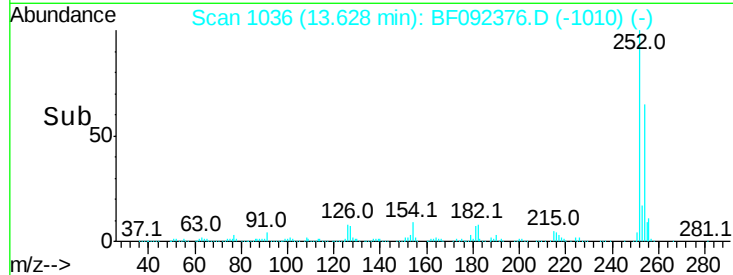
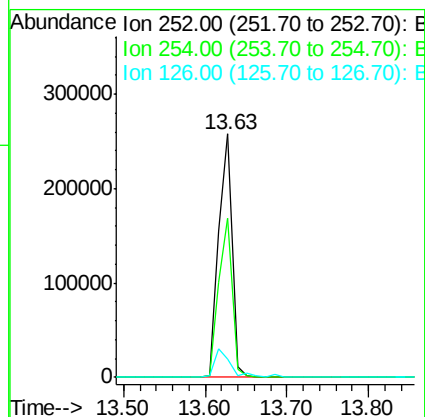
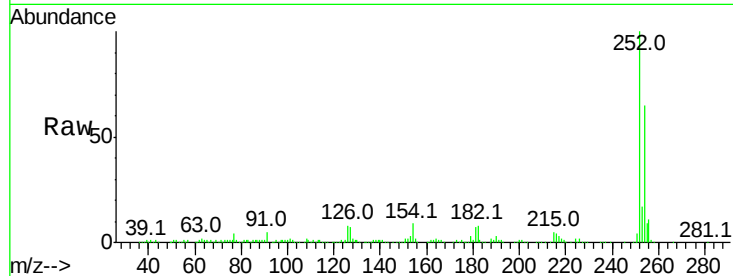
#81
 3,3'-Dichlorobenzidine
 Concen: 38.49 ng
 RT: 13.63 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	298210		
254	65.2	52.3	78.5	
126	7.7	13.6	20.4	

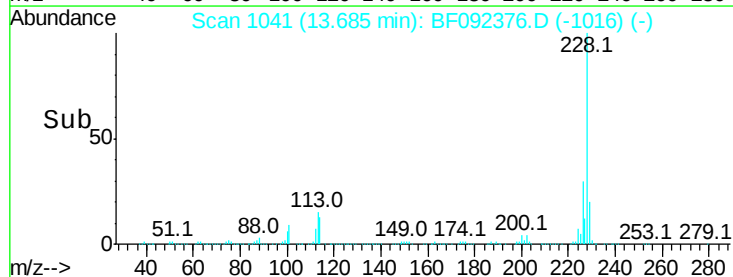
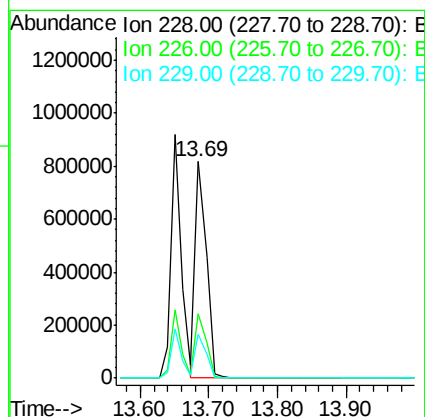
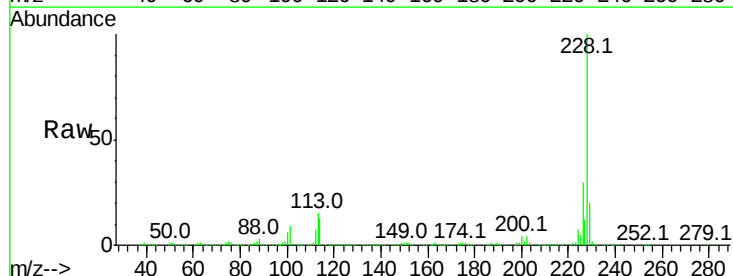
Manual Integrations
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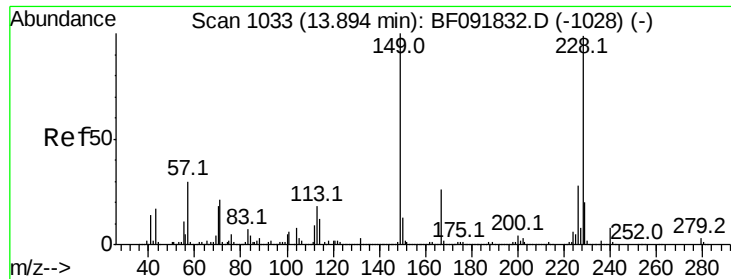
mohammad
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#82
 Chrysene
 Concen: 43.81 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	897922		
226	30.1	25.4	38.0	
229	20.5	16.2	24.2	





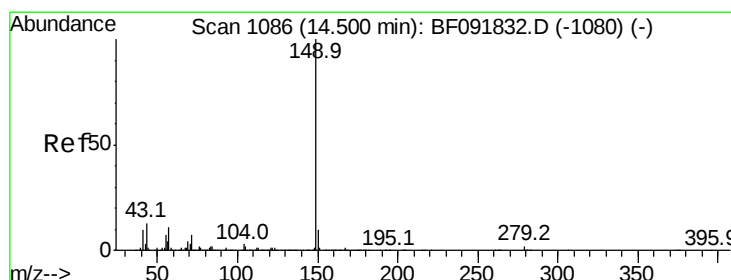
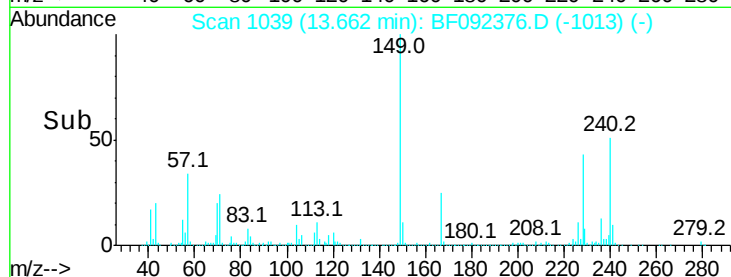
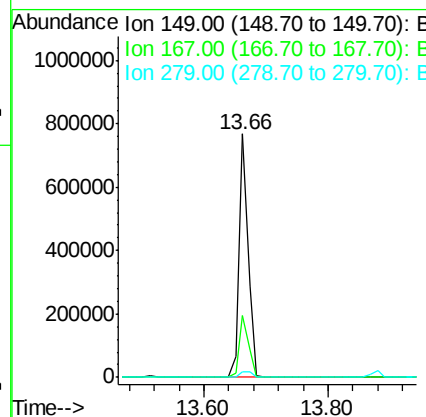
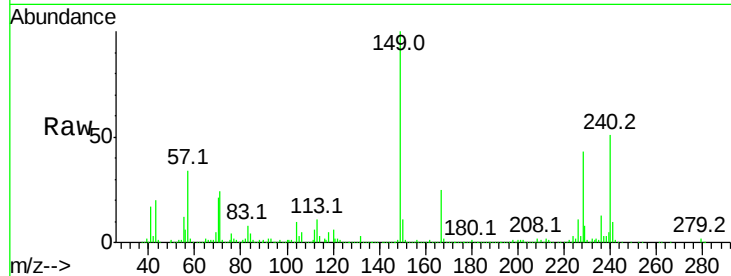
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.64 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.2	30.4
279	2.2	1.8	2.8

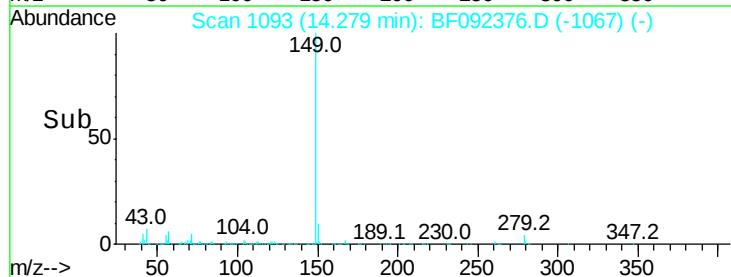
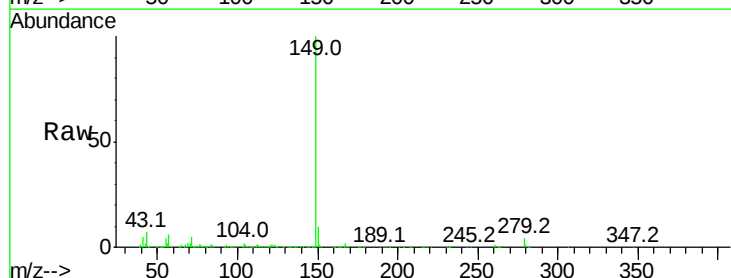
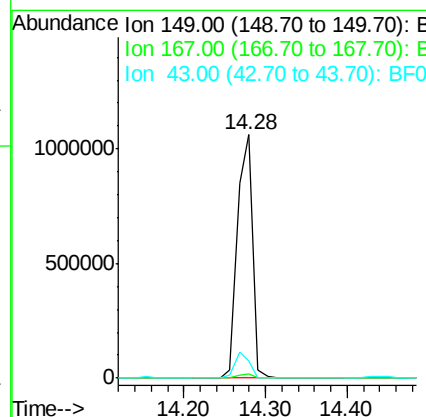
Manual Integrations
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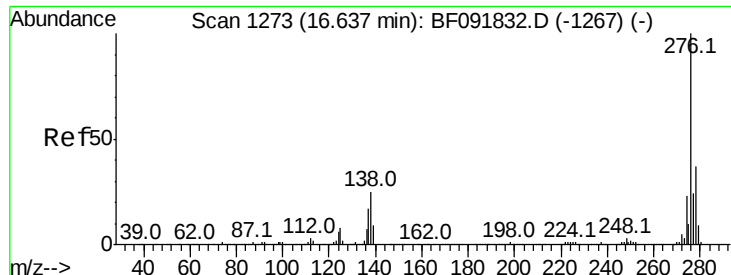
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 51.89 ng
 RT: 14.28 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.6	8.9	13.3





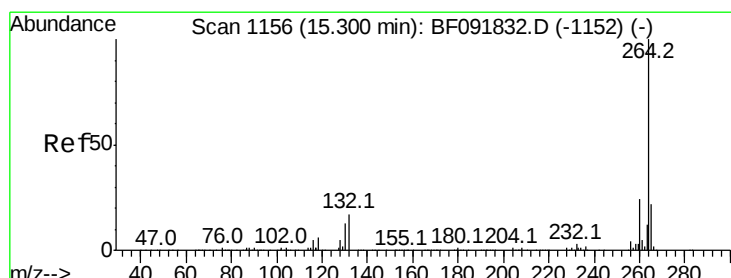
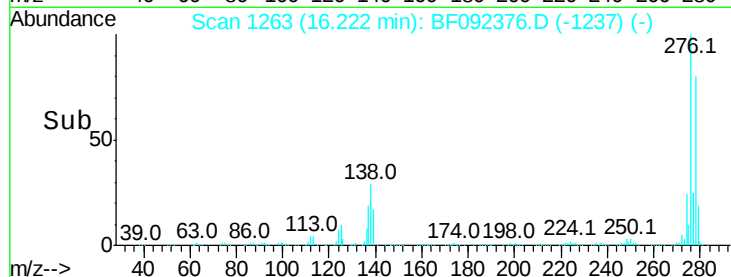
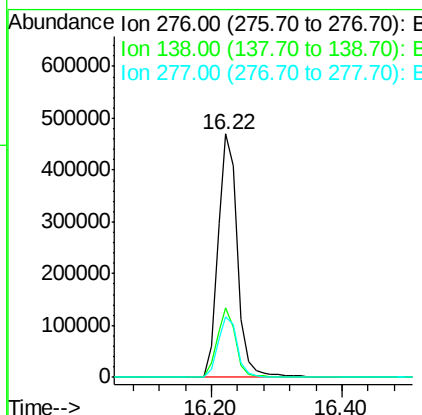
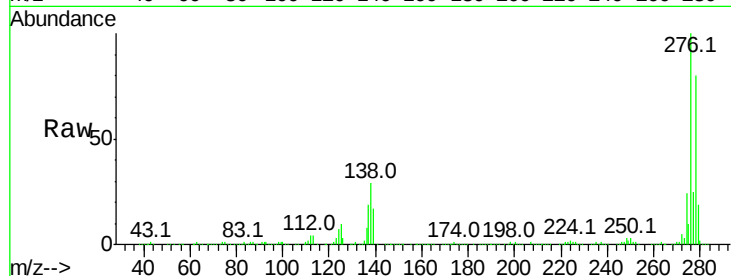
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.14 ng
RT: 16.22 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.6
277	25.1	20.2	30.4

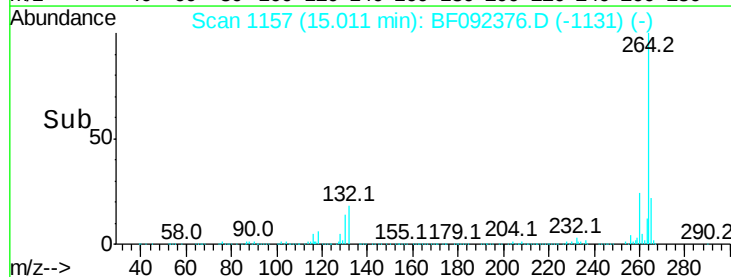
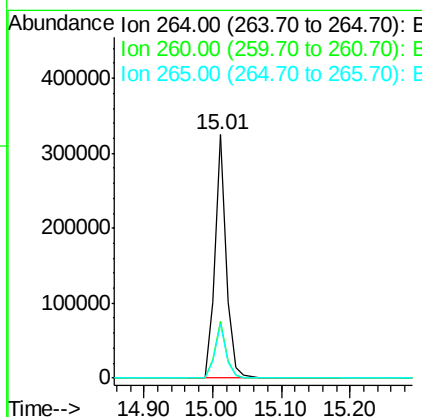
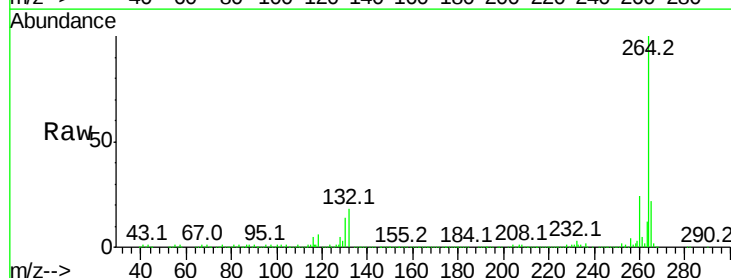
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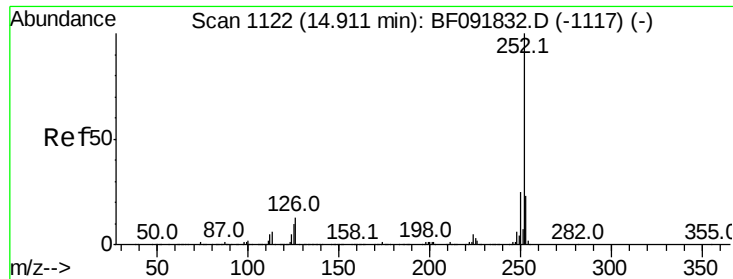
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.76 ng m

RT: 14.66 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tot Ion:252 Resp: 1013333

Ion Ratio Lower Upper

252 100

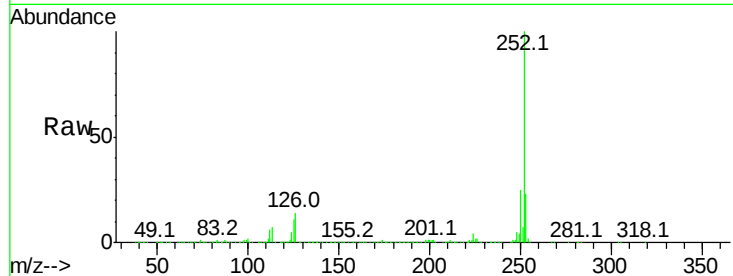
253 22.5 18.2 27.4

125 10.5 9.8 14.6

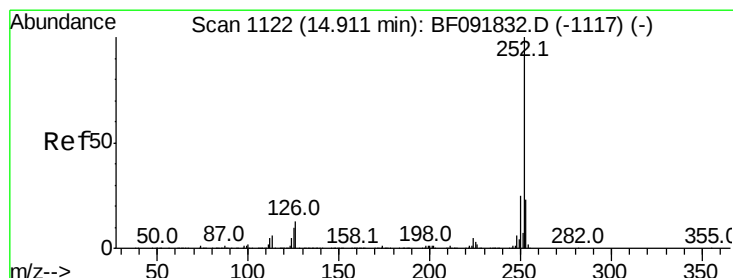
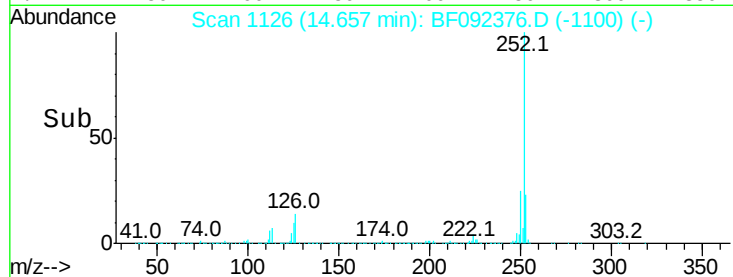
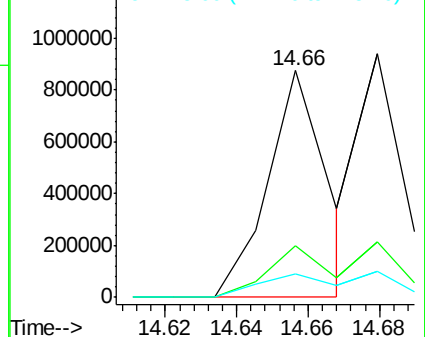
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.58 ng m

RT: 14.68 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:252 Resp: 799796

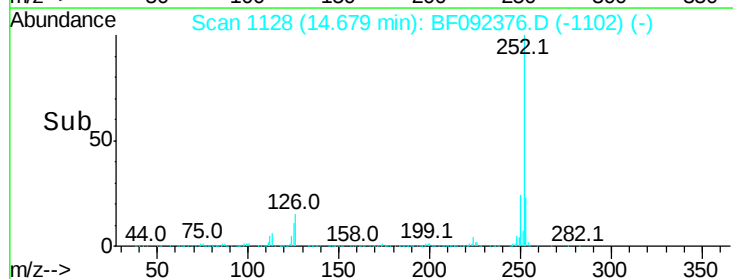
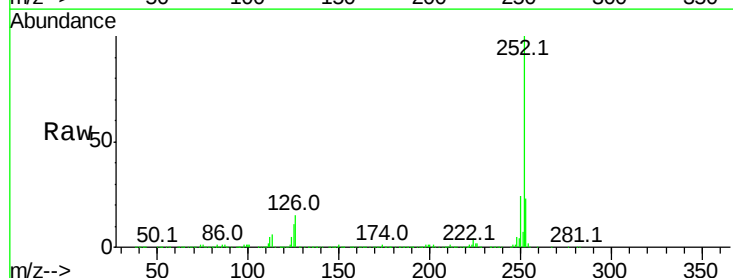
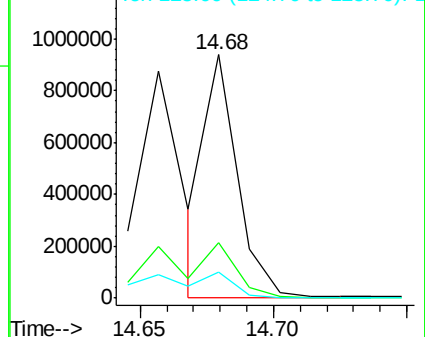
Ion Ratio Lower Upper

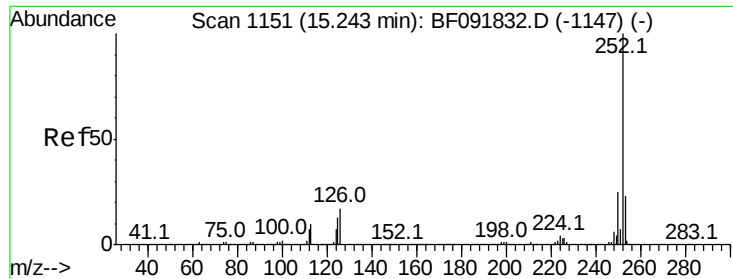
252 100

253 22.7 18.5 27.7

125 10.9 8.9 13.3

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





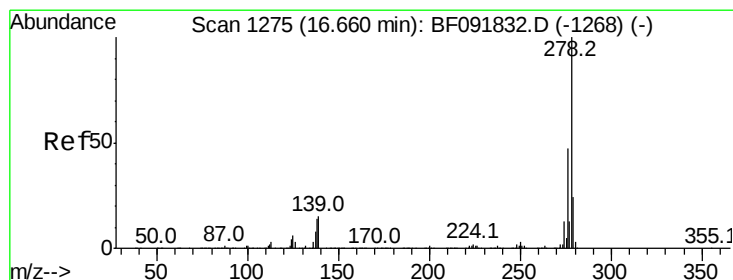
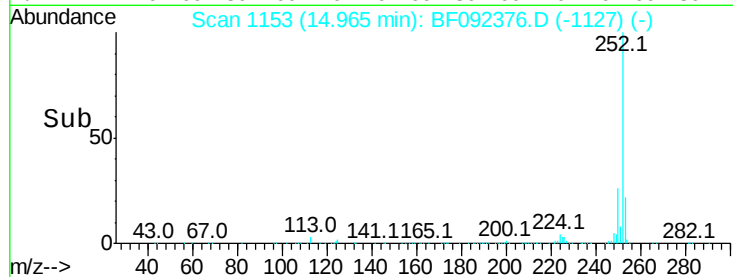
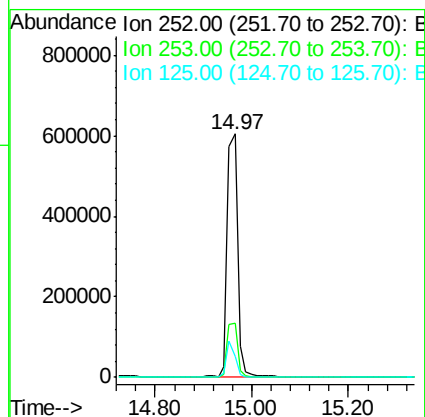
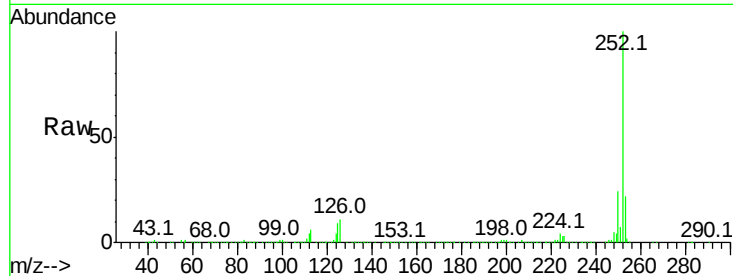
#89
Benzo(a)pyrene
Concen: 43.26 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.6	10.0	15.0

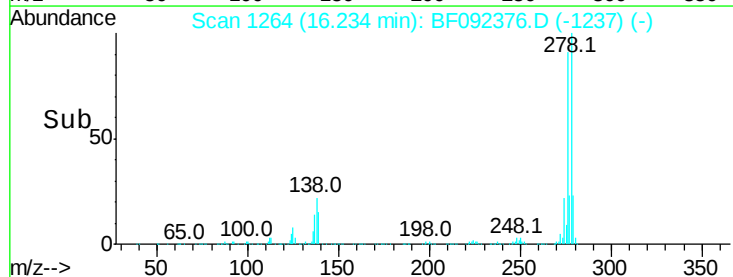
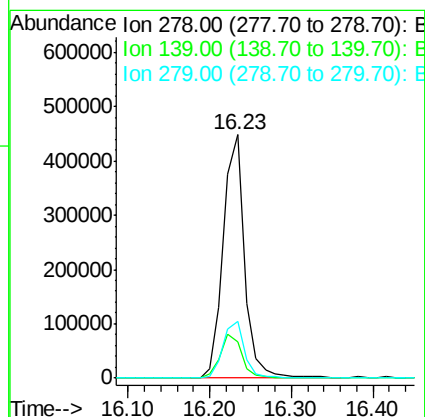
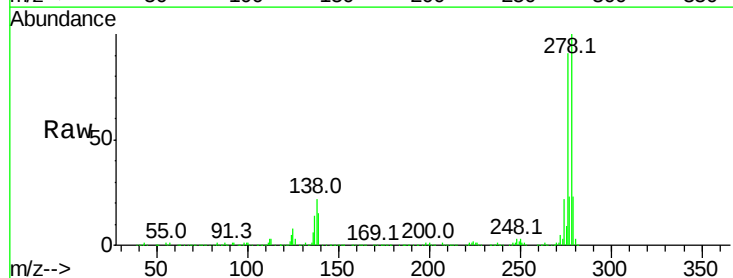
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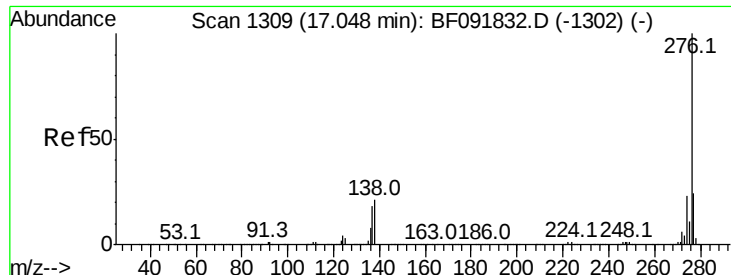
mohammad
1/23/2017 2:44:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.27 ng
RT: 16.23 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.8	22.2
279	23.5	19.8	29.6





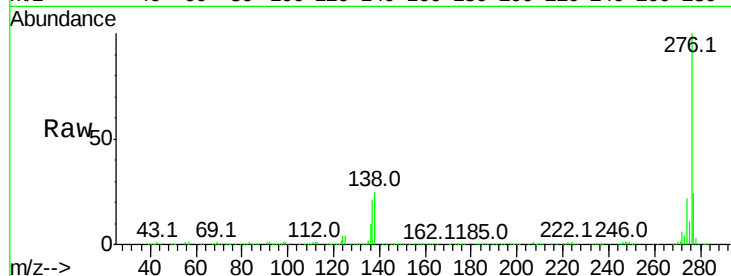
#91
 Benzo(a,h,i)perylene
 Concen: 47.18 ng
 RT: 16.58 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.2	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:44:52 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

