

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092377.D
 Acq On : 20 Jan 2017 17:16
 Operator : UM/SJ
 Sample : I1260-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:44:55 PM

Quant Time: Jan 23 10:53:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 23 10:46:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	166931m	20.00	ng	-0.12
21) Naphthalene-d8	7.81	136	626321	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	441382	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	675251	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	357471	20.00	ng	-0.12
86) Perylene-d12	15.01	264	391734	20.00	ng	-0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	1303594	130.39	ng	-0.12
7) Phenol-d6	6.20	99	1654924	135.58	ng	-0.11
23) Nitrobenzene-d5	7.10	82	1110009	98.55	ng	-0.11
41) 2,4,6-Tribromophenol	10.36	330	498300	136.42	ng	-0.11
44) 2-Fluorobiphenyl	8.90	172	2097771	99.60	ng	-0.11
78) Terphenyl-d14	12.62	244	1606276	108.98	ng	-0.12

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	212820	43.24	ng	# 92
3) Pyridine	2.61	79	481747	28.04	ng	99
4) n-Nitrosodimethylamine	2.59	42	281726	43.48	ng	98
6) Aniline	6.19	93	218648m	13.79	ng	
8) 2-Chlorophenol	6.31	128	499724	43.94	ng	98
9) Benzaldehyde	6.07	77	30875	3.16	ng	95
10) Phenol	6.21	94	690774	49.66	ng	80
11) bis(2-Chloroethyl)ether	6.28	93	497492	44.95	ng	92
12) 1,3-Dichlorobenzene	6.46	146	540663m	44.54	ng	
13) 1,4-Dichlorobenzene	6.54	146	580467m	46.98	ng	
14) 1,2-Dichlorobenzene	6.69	146	433803	40.46	ng	97
15) Benzyl Alcohol	6.69	79	410816	43.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	773426	46.93	ng	# 27
17) 2-Methylphenol	6.82	107	440795m	48.20	ng	
18) Hexachloroethane	7.03	117	212044	46.29	ng	95
19) n-Nitroso-di-n-propylamine	6.96	70	384822	47.39	ng	98
20) 3+4-Methylphenols	6.98	107	564192	51.72	ng	# 72
22) Acetophenone	6.95	105	745301	48.24	ng	# 92
24) Nitrobenzene	7.12	77	626601	52.23	ng	91
25) Isophorone	7.36	82	980037	47.16	ng	95
26) 2-Nitrophenol	7.44	139	256471	43.35	ng	# 82
27) 2,4-Dimethylphenol	7.50	122	449601	45.82	ng	99
28) bis(2-Chloroethoxy)methane	7.58	93	624938	49.59	ng	100
29) 2,4-Dichlorophenol	7.70	162	419983	50.55	ng	94
30) 1,2,4-Trichlorobenzene	7.76	180	444359	48.80	ng	100
31) Naphthalene	7.83	128	1450407	50.60	ng	100
32) Benzoic acid	7.64	122	63857	8.77	ng	97
33) 4-Chloroaniline	7.90	127	148780	11.51	ng	96
34) Hexachlorobutadiene	7.96	225	267884	55.74	ng	99
35) Caprolactam	8.29	113	173779m	63.65	ng	
36) 4-Chloro-3-methylphenol	8.42	107	669852	70.06	ng	94
37) 2-Methylnaphthalene	8.53	142	1351256	68.74	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	541810	48.59	ng	100
40) Hexachlorocyclopentadiene	8.68	237	207261	43.64	ng	97

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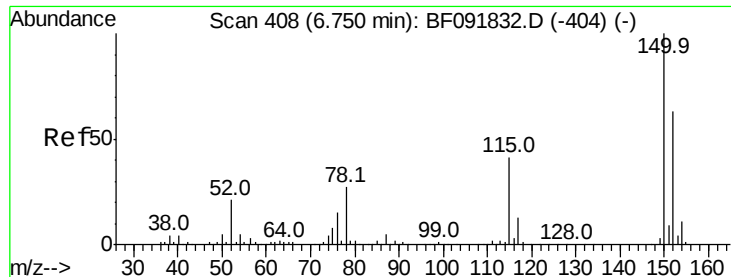
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	356667	45.73	nq	96
43) 2,4,5-Trichlorophenol	8.87	196	365009	45.48	nq	# 92
45) 1,1'-Biphenyl	9.00	154	1532738	50.72	nq	97
46) 2-Chloronaphthalene	9.01	162	1090692	45.57	nq	95
47) 2-Nitroaniline	9.12	65	391298	45.92	nq	95
48) Acenaphthylene	9.42	152	1609655	43.73	nq	99
49) Dimethylphthalate	9.31	163	1526357	54.07	nq	98
50) 2,6-Dinitrotoluene	9.38	165	322878	52.25	nq	# 82
51) Acenaphthene	9.59	154	1026414	41.13	nq	100
52) 3-Nitroaniline	9.54	138	177026	23.15	nq	93
53) 2,4-Dinitrophenol	9.66	184	143055	41.61	nq	# 90
54) Dibenzofuran	9.76	168	1396917	41.45	nq	97
55) 4-Nitrophenol	9.74	139	467350m	90.01	nq	
56) 2,4-Dinitrotoluene	9.78	165	366217	47.22	nq	97
57) Fluorene	10.11	166	1034287	42.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	301837	47.55	nq	95
59) Diethylphthalate	10.00	149	1281944	46.76	nq	98
60) 4-Chlorophenyl-phenylether	10.11	204	531013	49.46	nq	# 86
61) 4-Nitroaniline	10.15	138	280373	35.38	nq	95
62) Azobenzene	10.27	77	1567252	51.92	nq	89
64) 4,6-Dinitro-2-methylphenol	10.19	198	160424	39.29	nq	# 64
65) n-Nitrosodiphenylamine	10.23	169	1129009	56.35	nq	99
66) 4-Bromophenyl-phenylether	10.59	248	319728	45.52	nq	98
67) Hexachlorobenzene	10.66	284	357076	47.56	nq	99
68) Atrazine	10.77	200	375974	58.17	nq	97
69) Pentachlorophenol	10.86	266	290470	78.85	nq	99
70) Phenanthrene	11.06	178	1652930	45.14	nq	98
71) Anthracene	11.11	178	1669415	56.16	nq	99
72) Carbazole	11.27	167	1409386	48.34	nq	99
73) Di-n-butylphthalate	11.62	149	1888707	55.39	nq	99
74) Fluoranthene	12.25	202	1567353	49.14	nq	94
76) Benzidine	12.37	184	197735	18.23	nq	97
77) Pyrene	12.46	202	1431607	54.58	nq	100
79) Butylbenzylphthalate	13.10	149	721975	60.52	nq	90
80) Benzo(a)anthracene	13.65	228	1033272	51.21	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	271728	35.51	nq	# 95
82) Chrysene	13.70	228	1016299	50.21	nq	97
83) Bis(2-ethylhexyl)phthalate	13.66	149	869565	61.90	nq	99
84) Di-n-octyl phthalate	14.28	149	1504405	57.81	nq	97
85) Indeno(1,2,3-cd)pyrene	16.23	276	1070337	61.04	nq	99
87) Benzo(b)fluoranthene	14.66	252	1057572m	43.36	nq	
88) Benzo(k)fluoranthene	14.68	252	874607m	42.05	nq	
89) Benzo(a)pyrene	14.97	252	1009850	46.65	nq	# 97
90) Dibenzo(a,h)anthracene	16.23	278	879196	49.41	nq	98
91) Benzo(g,h,i)perylene	16.59	276	903754	48.85	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.52 min Scan# 414

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

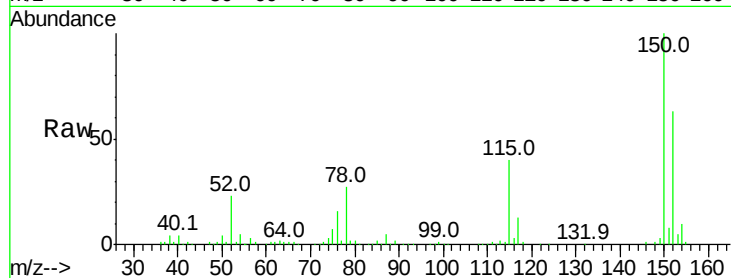
ClientSampleId :

MH-0-12FT-COMPMSD

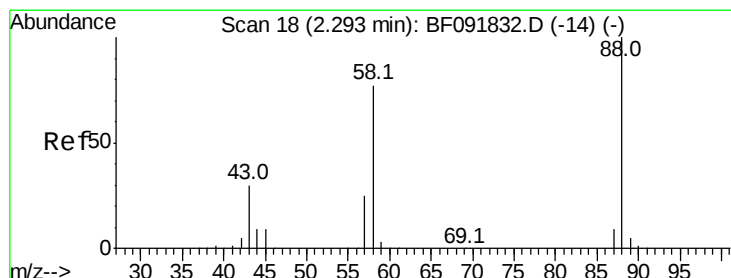
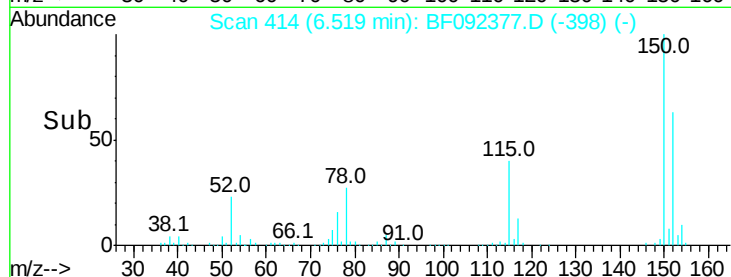
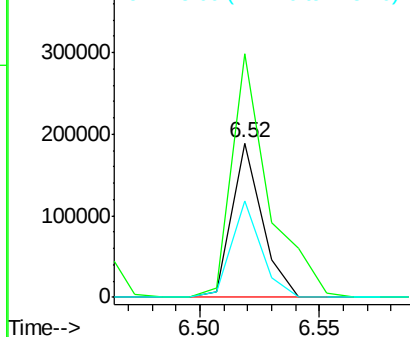
Tot Ion:	152	Resp:	166931
Ion Ratio	Lower	Upper	
152	100		
150	158.0	124.9	187.3
115	62.8	46.0	69.0

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



#2

1,4-Dioxane

Concen: 43.24 ng/mL

RT: 2.02 min Scan# 20

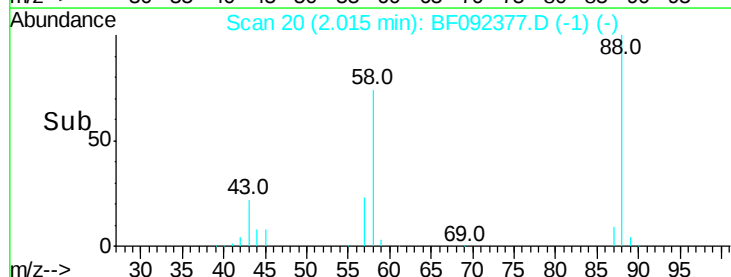
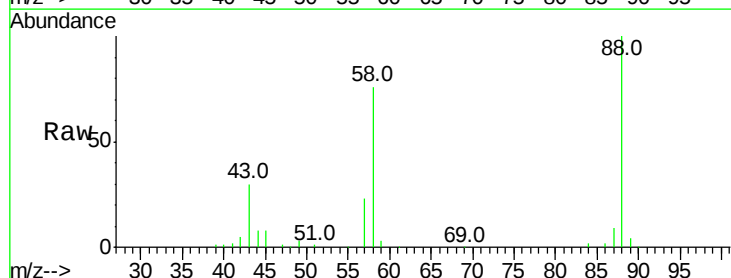
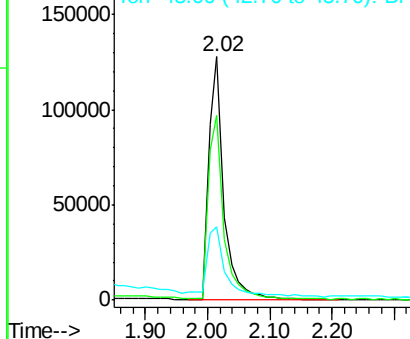
Delta R.T. -0.07 min

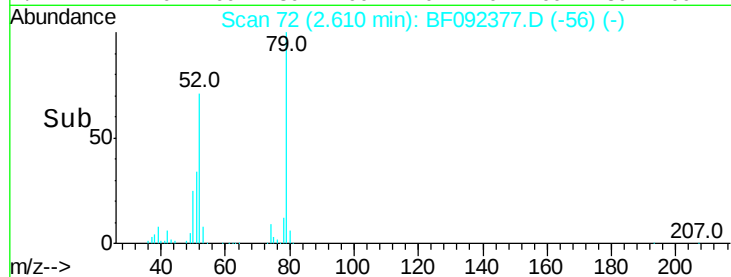
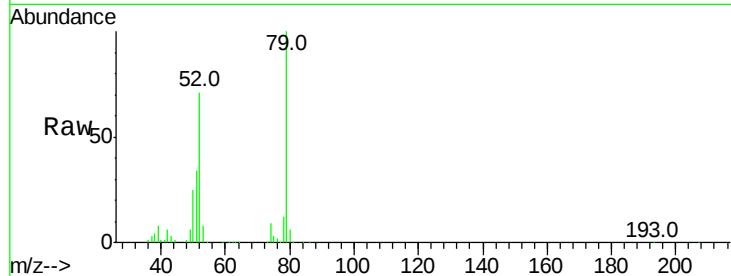
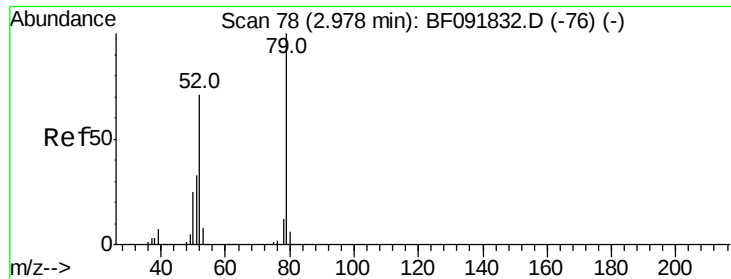
Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	88	Resp:	212820
Ion Ratio	Lower	Upper	
88	100		
58	77.1	57.8	86.8
43	34.6	22.3	33.5

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





#3

Pvridine

Concen: 28.04 ng

RT: 2.61 min Scan# 72

Delta R.T. -0.12 min

Lab File: BF092377.D

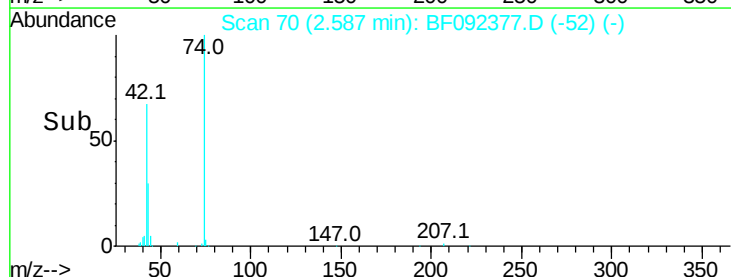
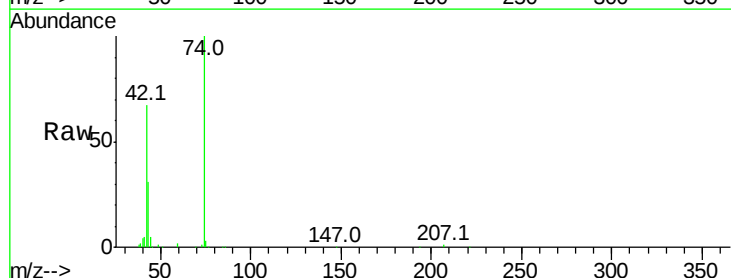
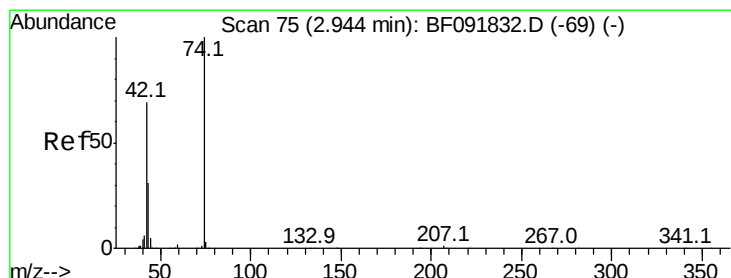
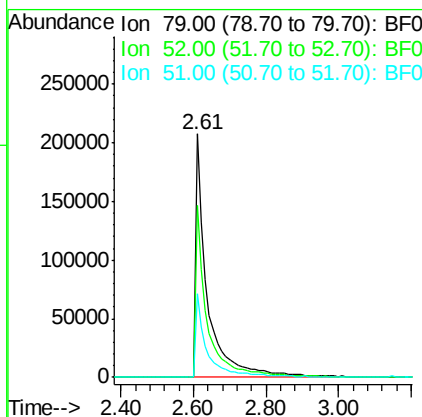
Acq: 20 Jan 2017 17:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		481747		
52	70.9	57.1		85.7	
51	34.2	27.3		40.9	

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MH-0-12FT-COMPMSD

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#4

n-Nitrosodimethylamine

Concen: 43.48 ng

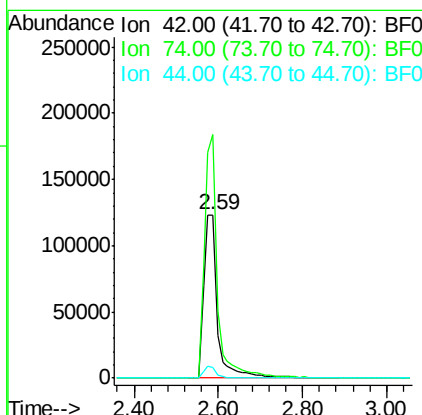
RT: 2.59 min Scan# 70

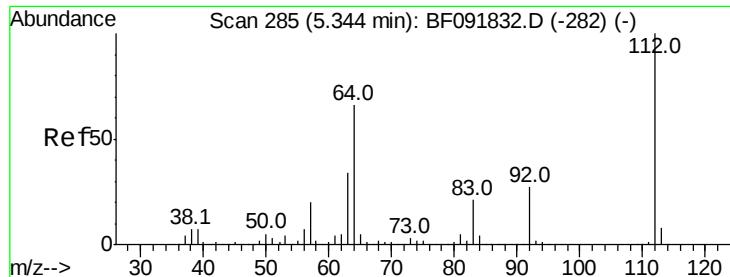
Delta R.T. -0.10 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		281726		
74	148.9	117.0		175.4	
44	6.7	5.5		8.3	





#5

2-Fluorophenol

Concen: 130.39 ng

RT: 5.11 min Scan# 291

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:112 Resp: 1303594

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

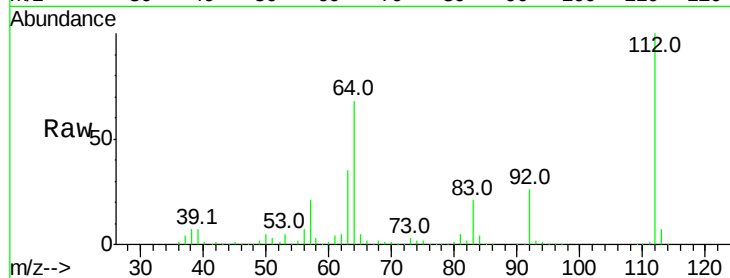
63 35.0 23.8 35.6

Manual Integrations

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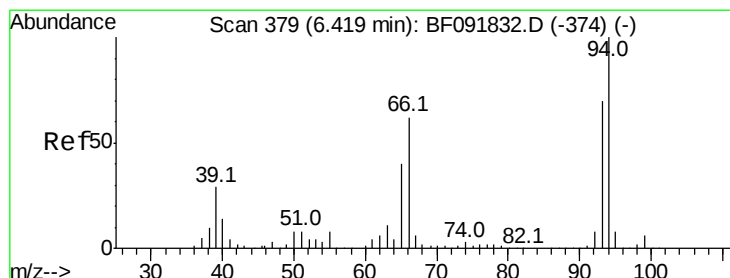
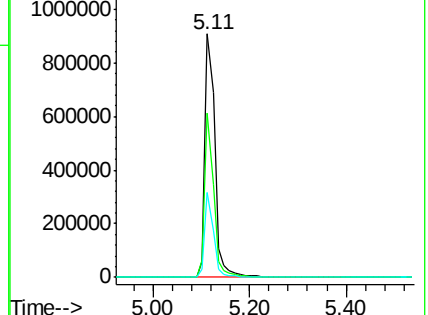
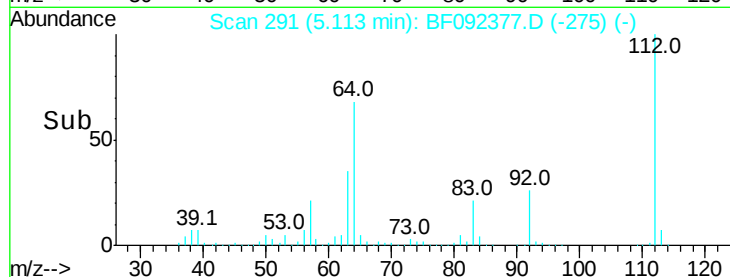
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.79 ng m

RT: 6.19 min Scan# 385

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

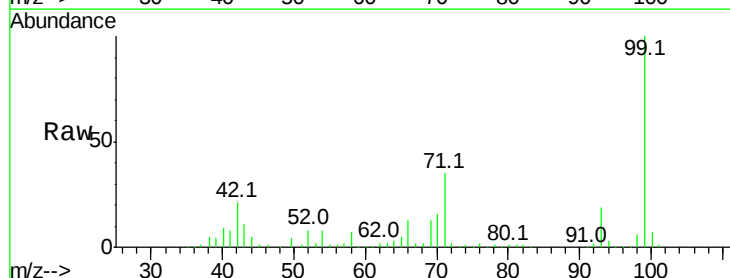
Tgt Ion: 93 Resp: 218648

Ion Ratio Lower Upper

93 100

66 68.9 76.2 114.2#

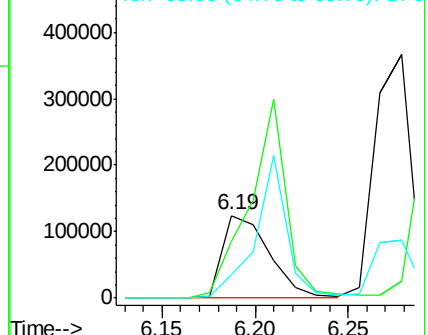
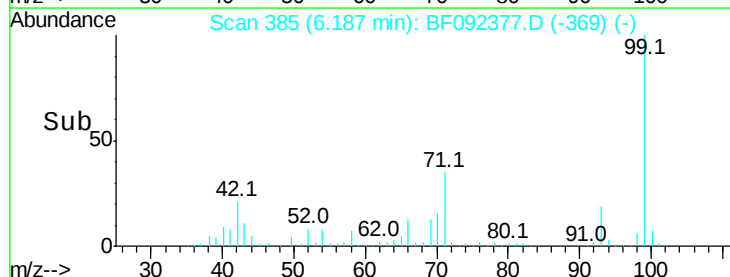
65 28.3 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.58 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion: 99 Resp: 1654924

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

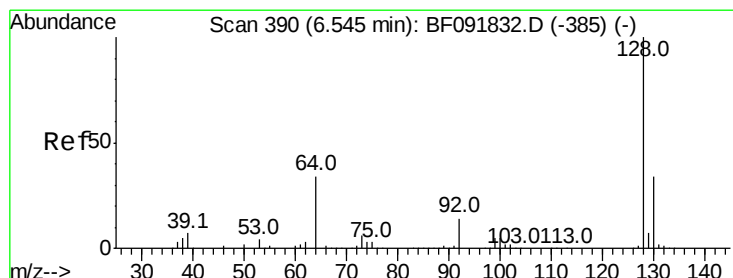
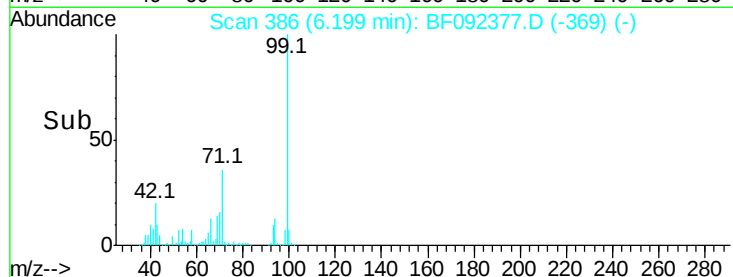
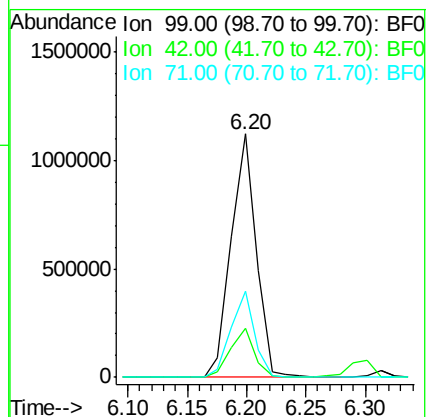
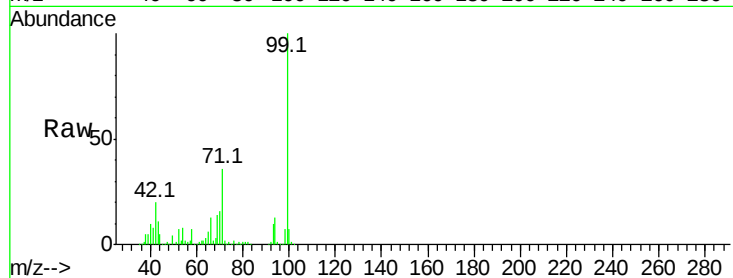
71 35.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 43.94 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

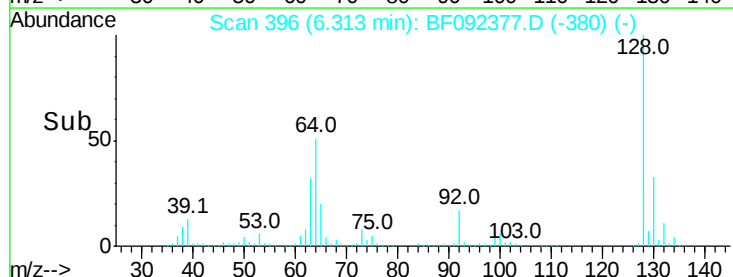
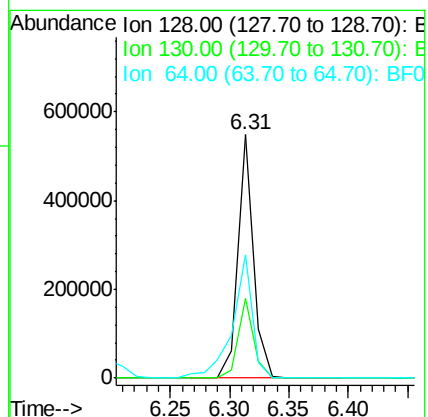
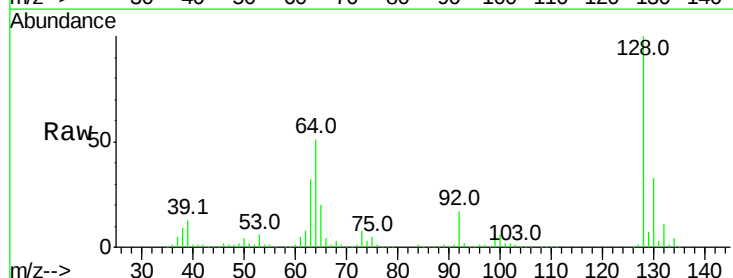
Tgt Ion: 128 Resp: 499724

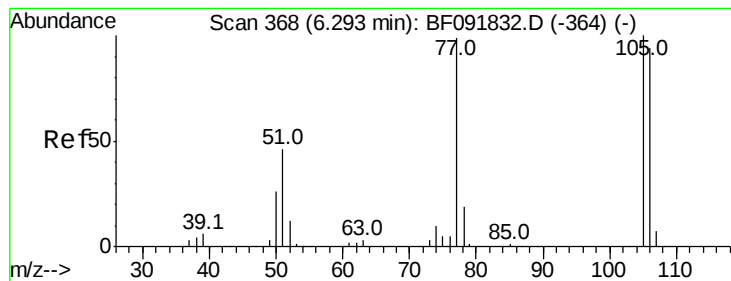
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 50.7 32.2 72.2





#9

Benzaldehyde

Concen: 3.16 ng

RT: 6.07 min Scan# 375

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

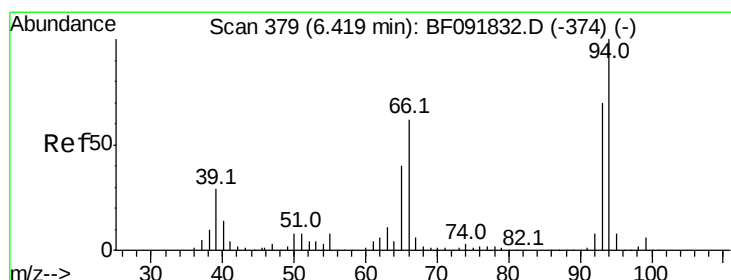
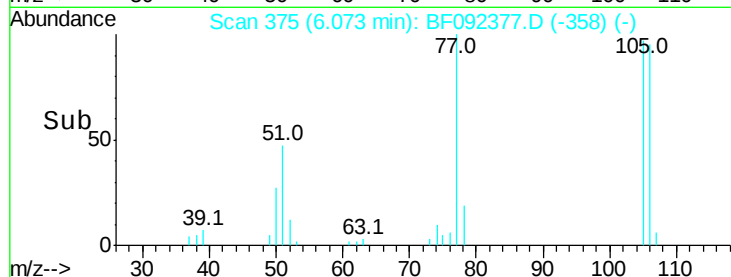
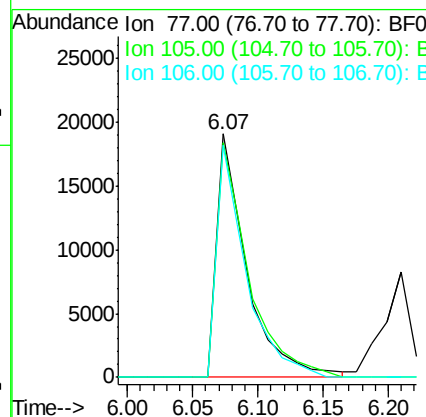
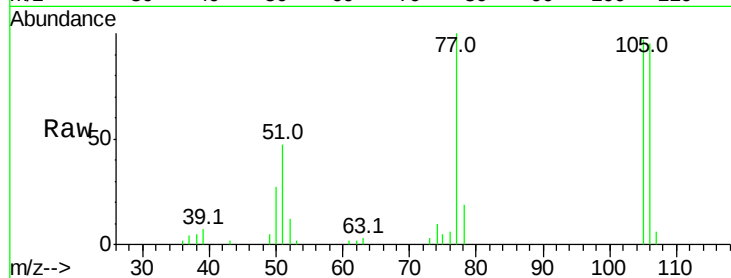
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	77	Resp:	30875
Ion Ratio	Lower	Upper	
77	100		
105	96.6	83.9	123.9
106	95.4	77.6	117.6

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#10

Phenol

Concen: 49.66 ng

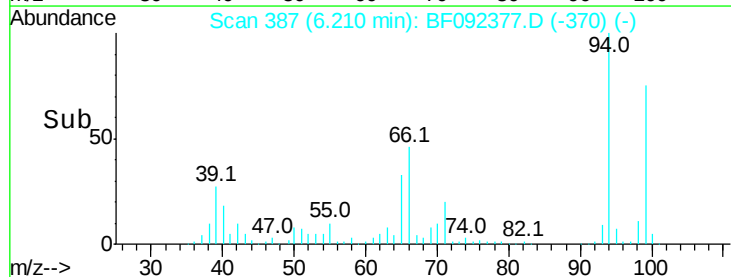
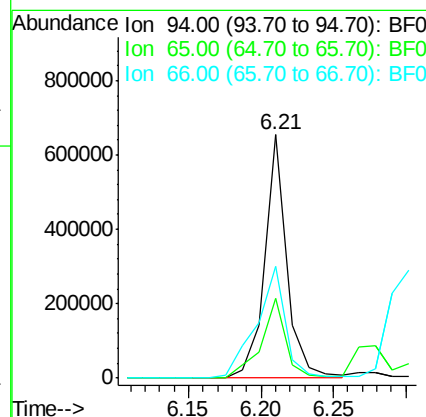
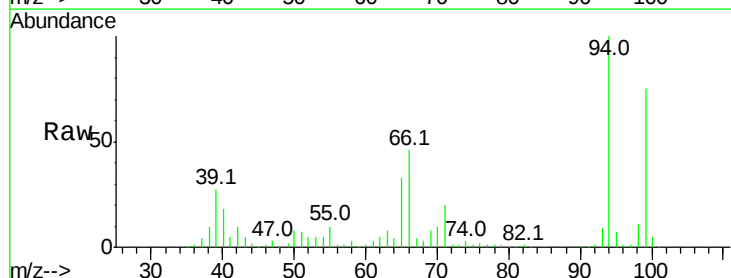
RT: 6.21 min Scan# 387

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	94	Resp:	690774
Ion Ratio	Lower	Upper	
94	100		
65	32.7	21.4	61.4
66	45.8	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.95 ng

RT: 6.28 min Scan# 393

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

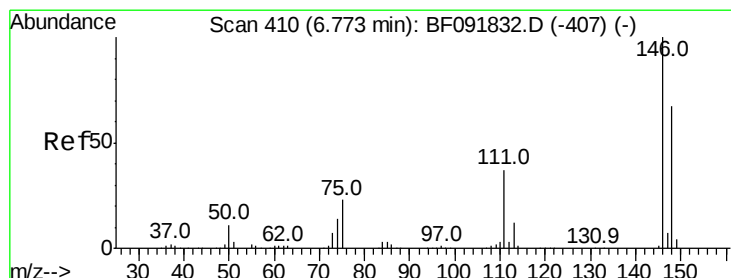
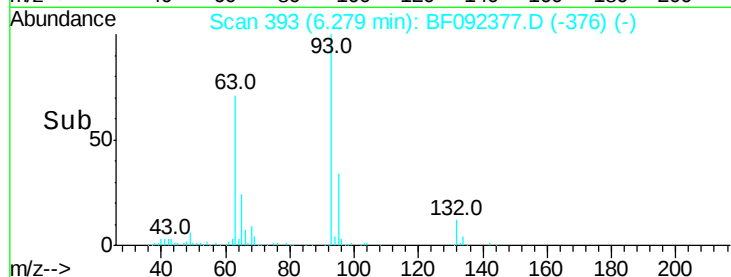
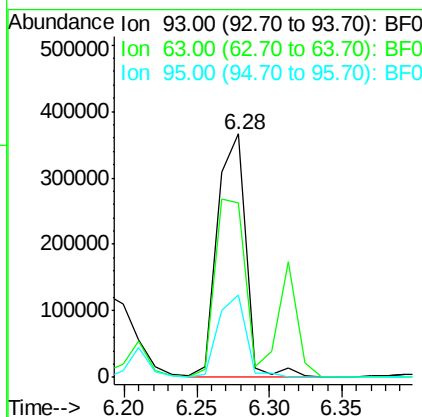
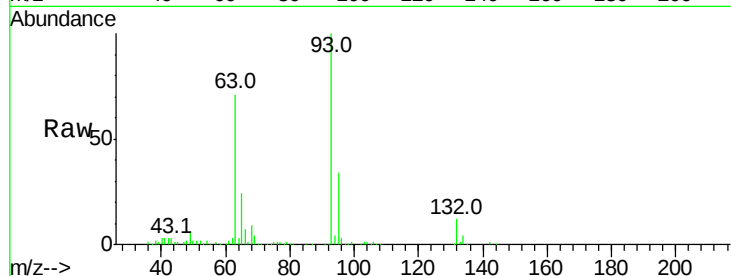
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	93	Resp:	497492
Ion Ratio	Lower	Upper	
93	100		
63	71.5	60.4	100.4
95	33.6	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.54 ng m

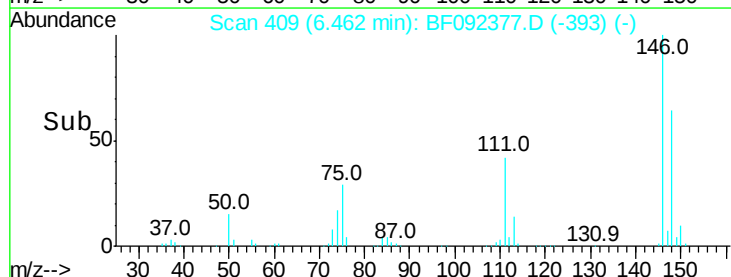
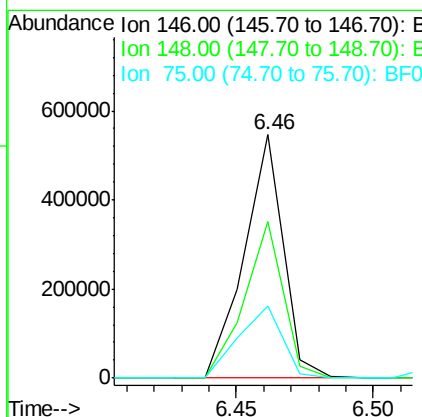
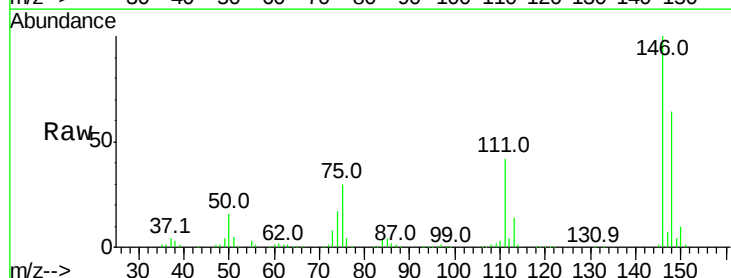
RT: 6.46 min Scan# 409

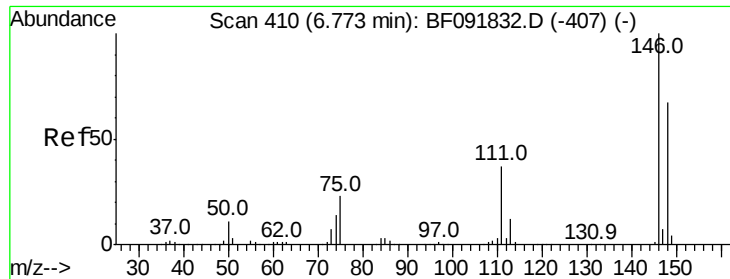
Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	146	Resp:	540663
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.4	80.0
75	29.6	18.5	27.7#





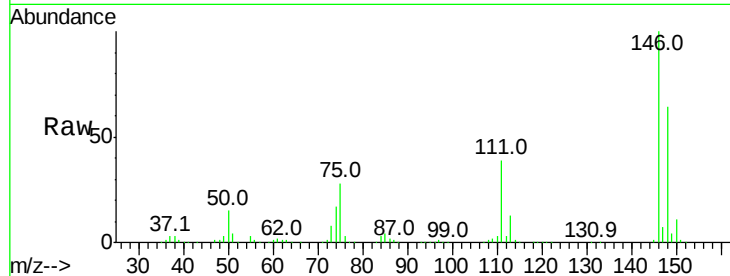
#13
 1,4-Dichlorobenzene
 Concen: 46.98 ng/ml
 RT: 6.54 min Scan# 416
 Delta R.T. -0.12 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

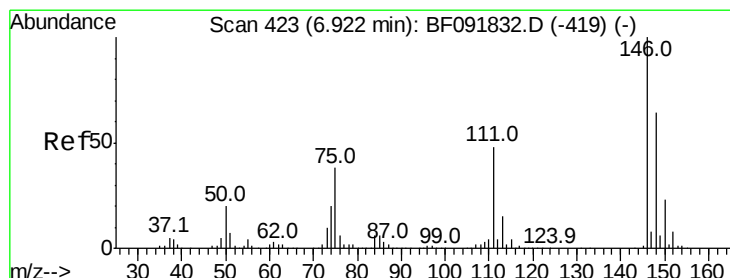
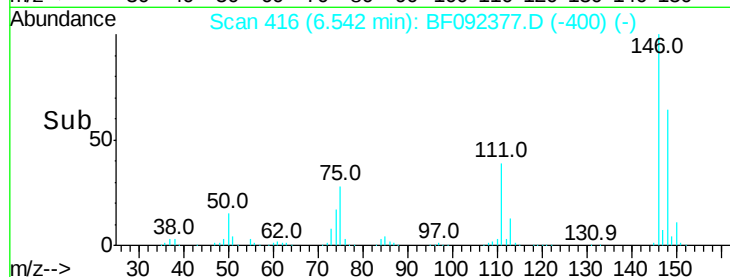
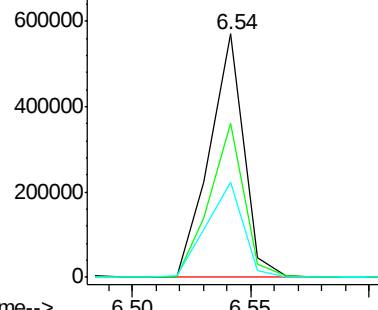
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	38.9	36.2	54.4

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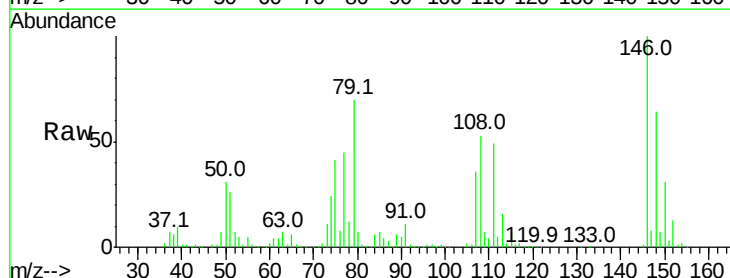


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

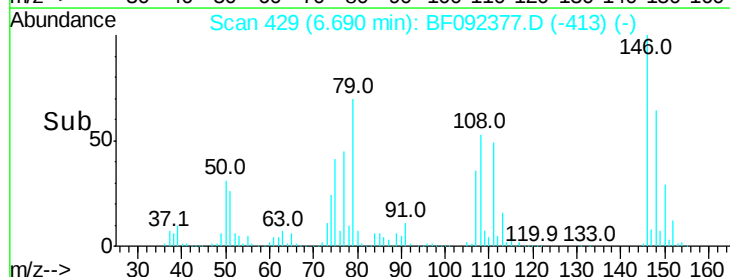
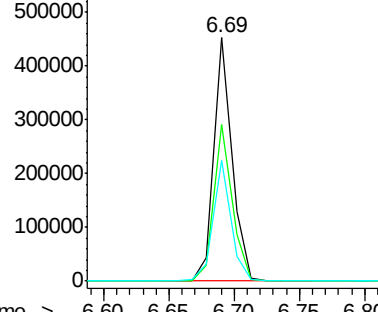


#14
 1,2-Dichlorobenzene
 Concen: 40.46 ng/ml
 RT: 6.69 min Scan# 429
 Delta R.T. -0.12 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	49.4	36.2	54.2



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





#15

Benzyl Alcohol

Concen: 43.32 ng

RT: 6.69 min Scan# 429

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

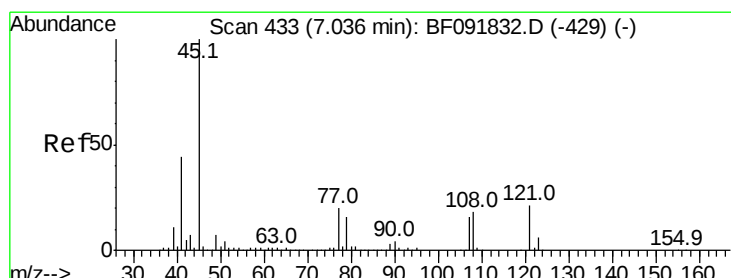
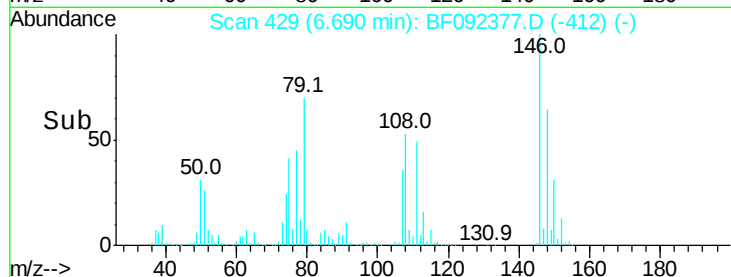
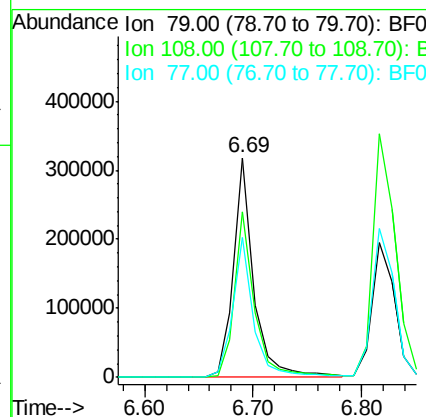
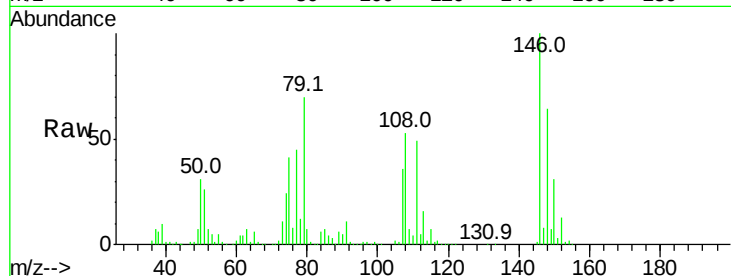
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	79	Resp:	410816
Ion Ratio	Lower	Upper	
79	100		
108	75.6	61.4	92.0
77	64.1	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.93 ng

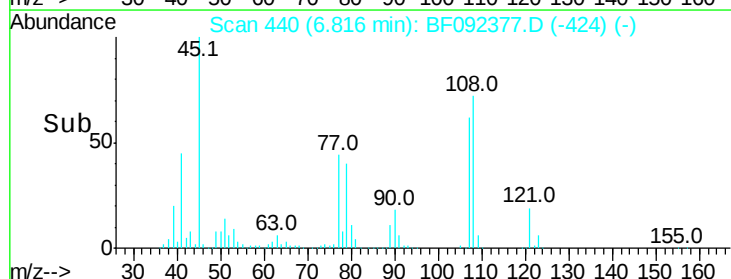
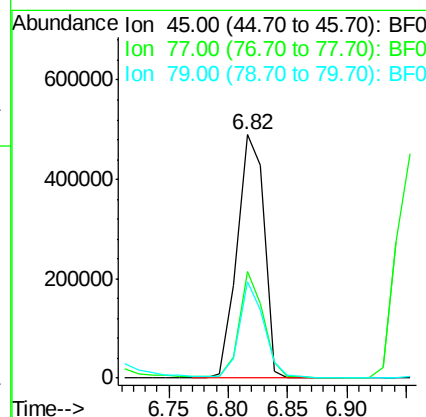
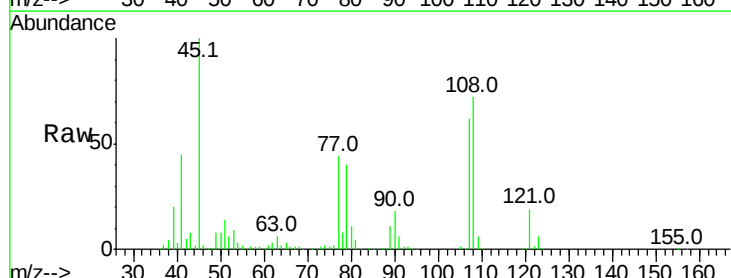
RT: 6.82 min Scan# 440

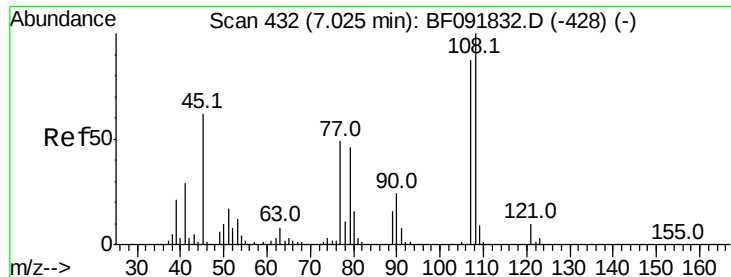
Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	45	Resp:	773426
Ion Ratio	Lower	Upper	
45	100		
77	43.9	0.0	34.6#
79	39.8	0.0	31.2#





#17

2-Methylphenol

Concen: 48.20 ng/ml

RT: 6.82 min Scan# 440

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:107 Resp: 440795

Ion Ratio Lower Upper

107 100

108 115.7 93.0 139.6

77 70.6 39.8 59.8#

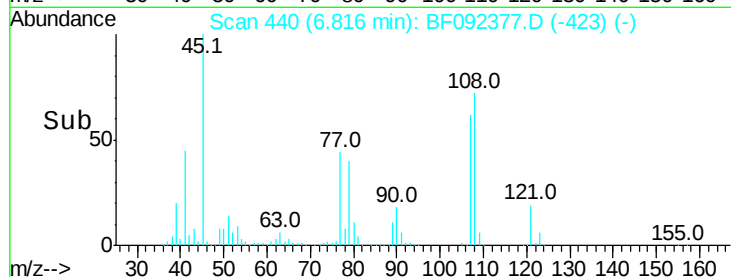
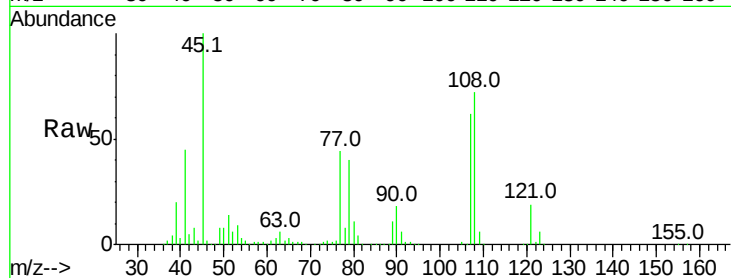
79 64.0 38.0 57.0#

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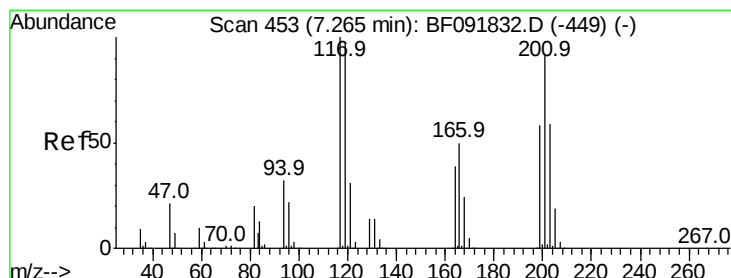
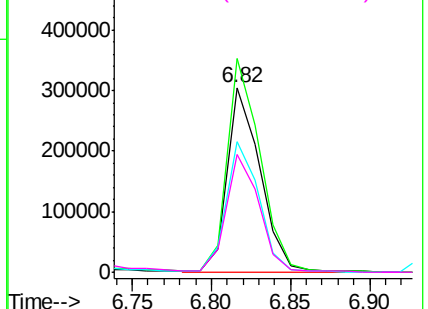


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.29 ng/ml

RT: 7.03 min Scan# 459

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

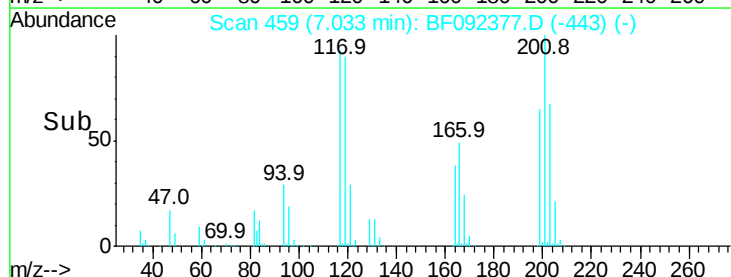
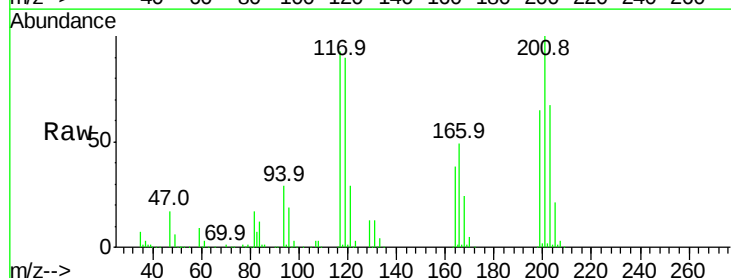
Tgt Ion:117 Resp: 212044

Ion Ratio Lower Upper

117 100

119 96.4 78.1 117.1

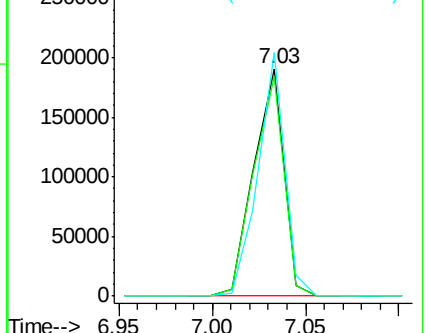
201 107.0 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





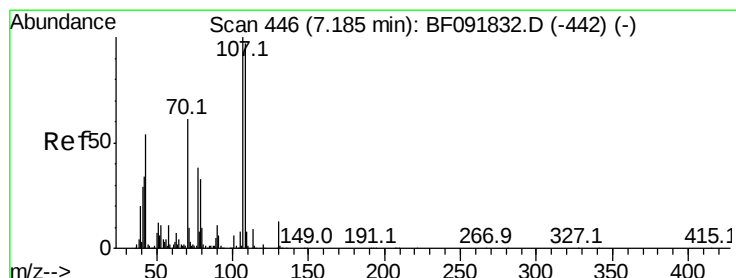
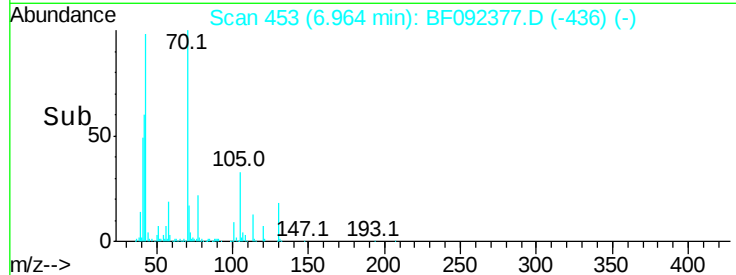
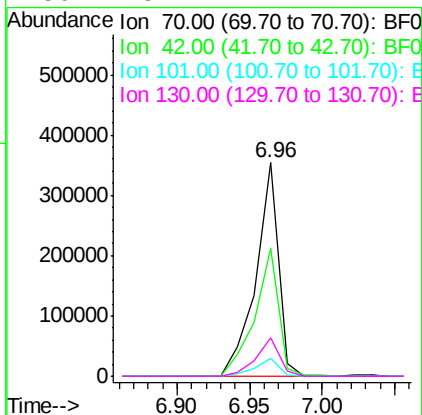
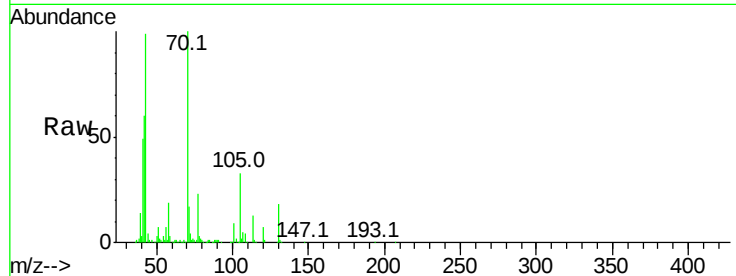
#19
n-Nitroso-di-n-propylamine
Concen: 47.39 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	49.4	74.0	
101	8.7	7.4	11.2	
130	18.2	14.2	21.4	

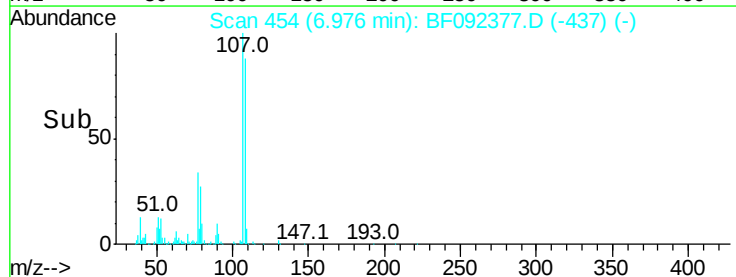
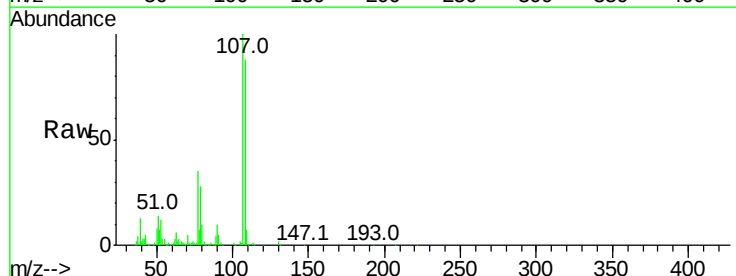
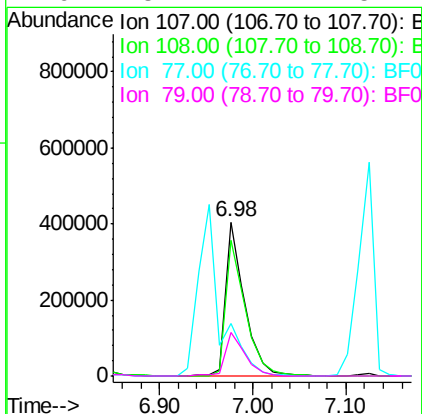
Manual Integrations
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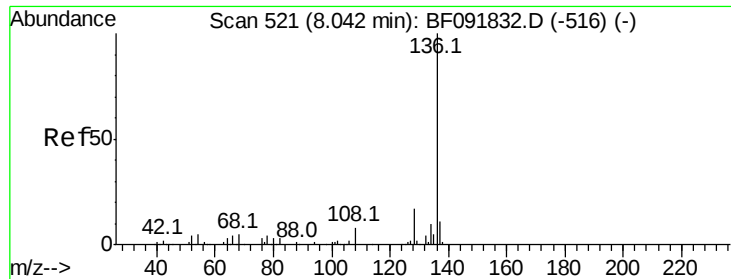
mohammad
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#20
3+4-Methylphenols
Concen: 51.72 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	73.0	113.0	
77	34.5	71.3	111.3	
79	28.2	11.1	51.1	





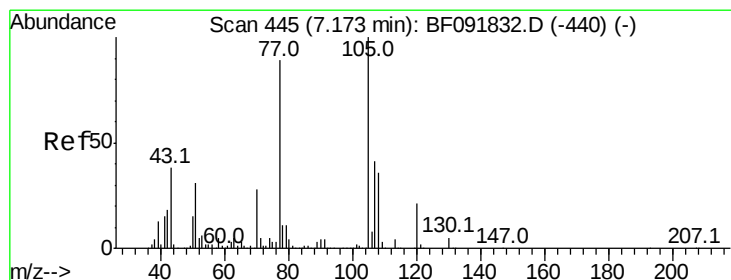
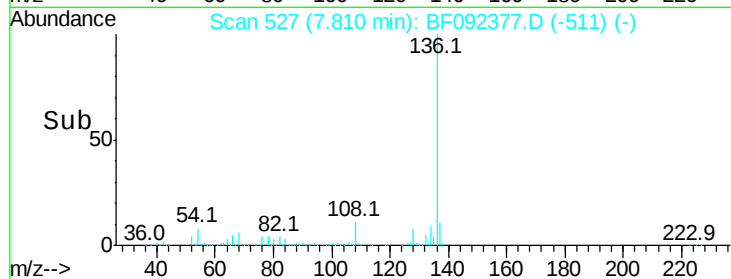
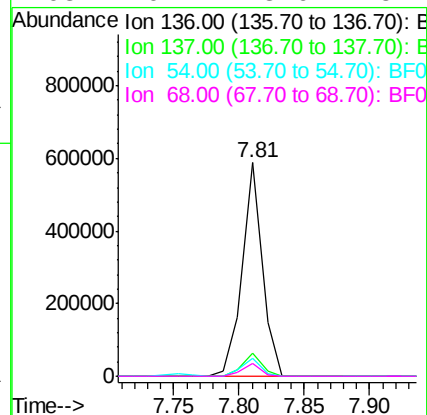
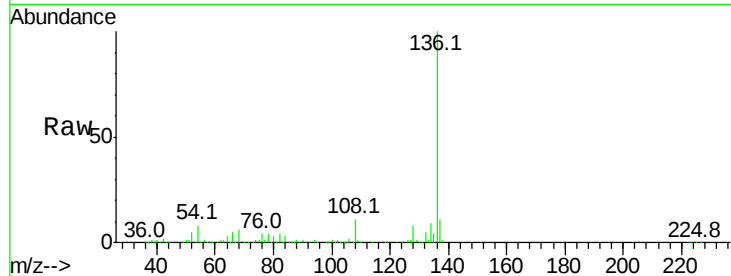
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	8.4	4.5	6.7#	
68	6.1	3.6	5.4#	

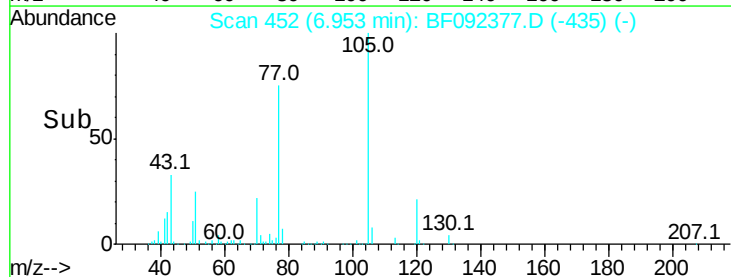
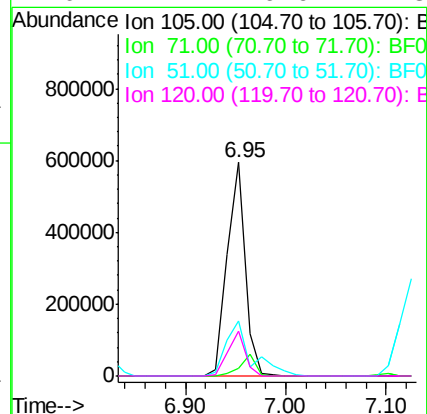
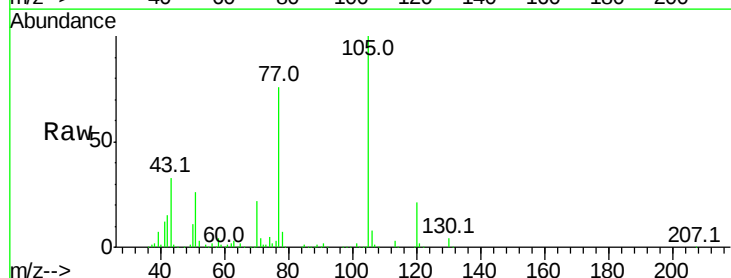
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#22
Acetophenone
Concen: 48.24 ng
RT: 6.95 min Scan# 452
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	3.2	4.8	
51	25.7	26.2	39.4#	
120	21.1	16.6	24.8	





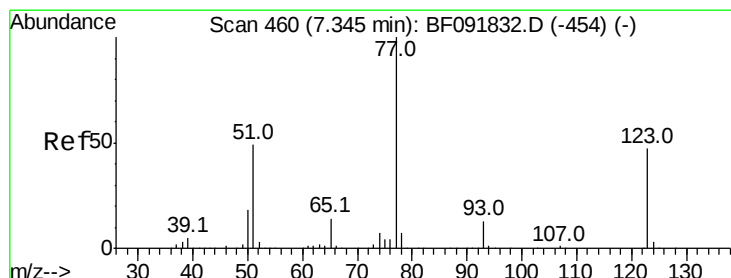
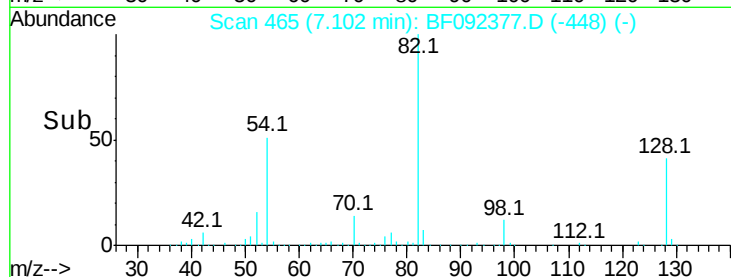
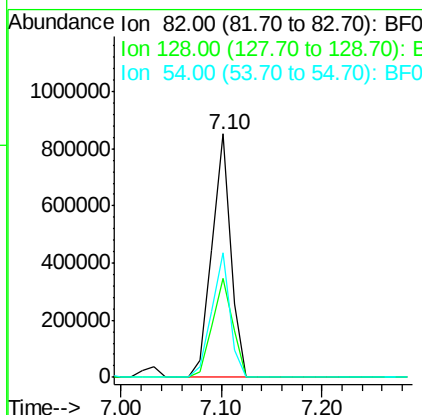
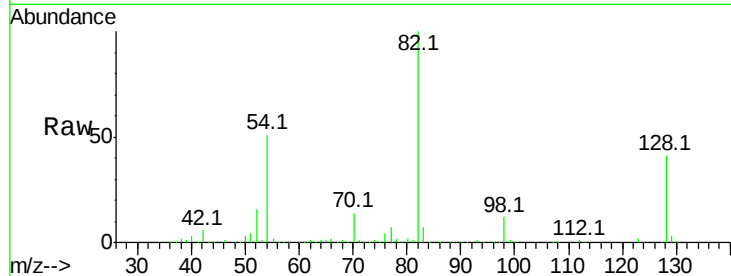
#23
Nitrobenzene-d5
Concen: 98.55 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion: 82 Resp: 1110009
Ion Ratio Lower Upper
82 100
128 40.5 34.6 52.0
54 51.3 39.5 59.3

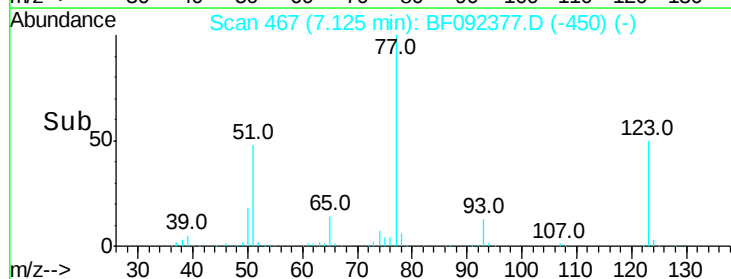
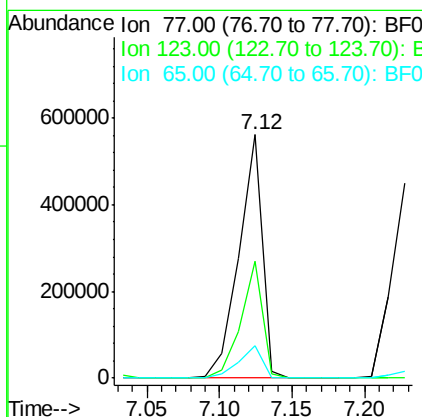
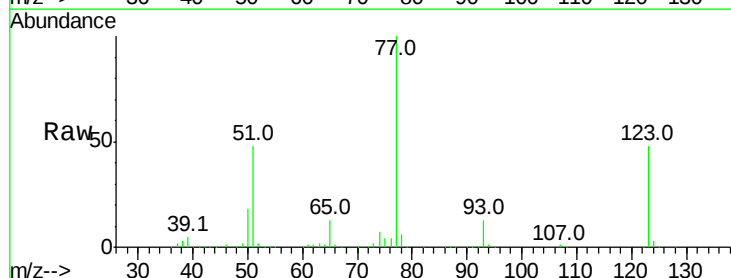
Manual Integrations
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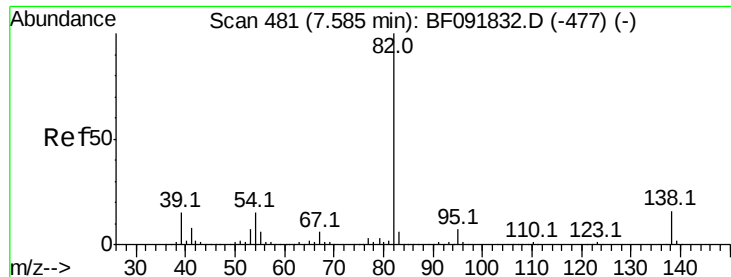
mohammad
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#24
Nitrobenzene
Concen: 52.23 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion: 77 Resp: 626601
Ion Ratio Lower Upper
77 100
123 48.2 33.0 49.4
65 13.3 11.2 16.8





#25

Isophorone

Concen: 47.16 ng

RT: 7.36 min Scan# 488

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

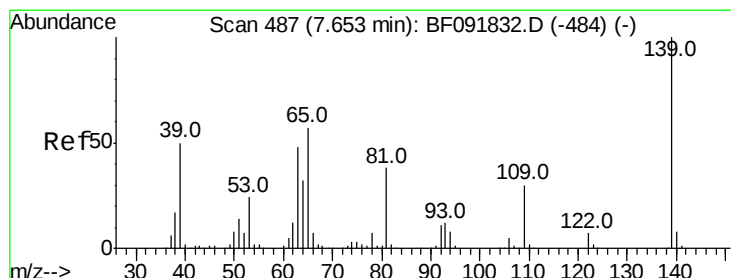
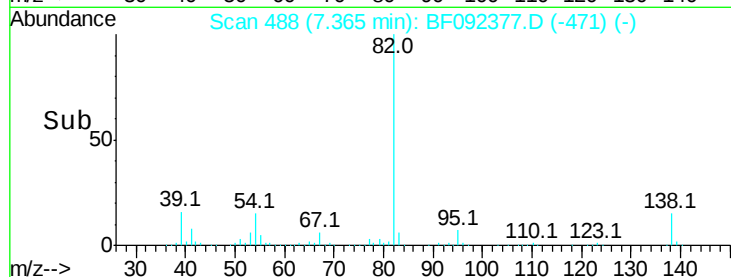
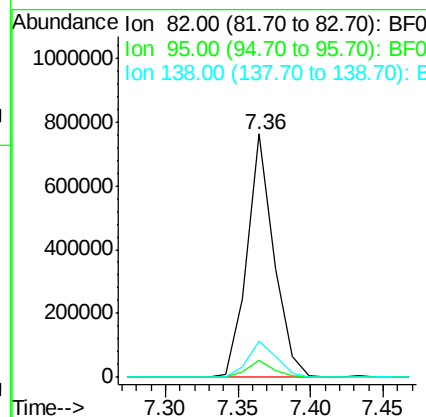
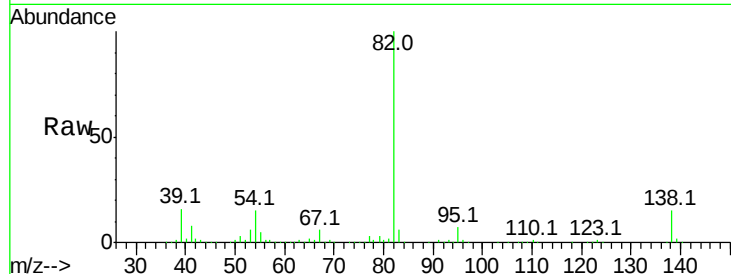
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	82	Resp:	980037
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	15.1	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.35 ng

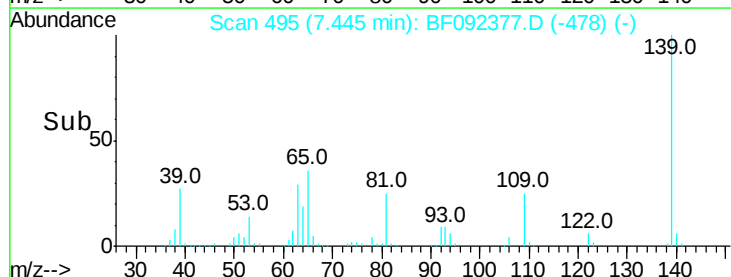
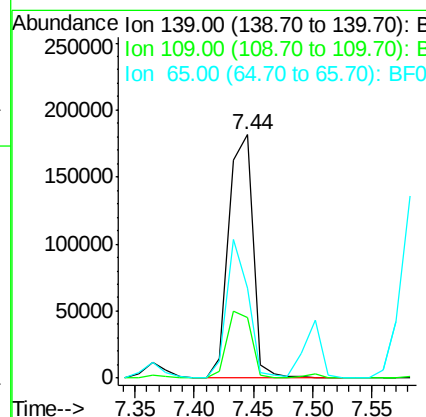
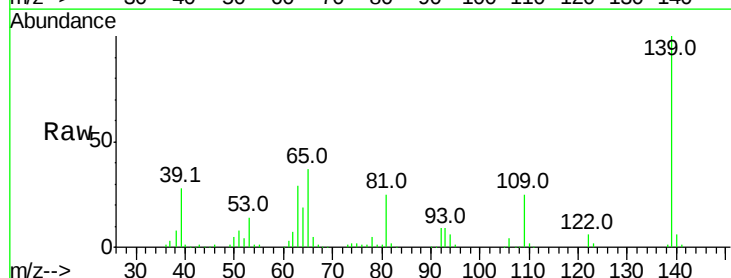
RT: 7.44 min Scan# 495

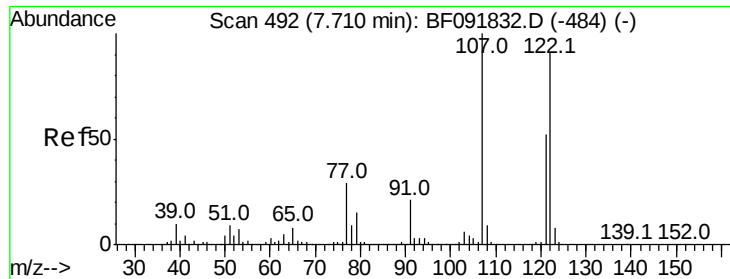
Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	139	Resp:	256471
Ion Ratio	Lower	Upper	
139	100		
109	25.0	23.3	34.9
65	36.7	42.7	64.1#





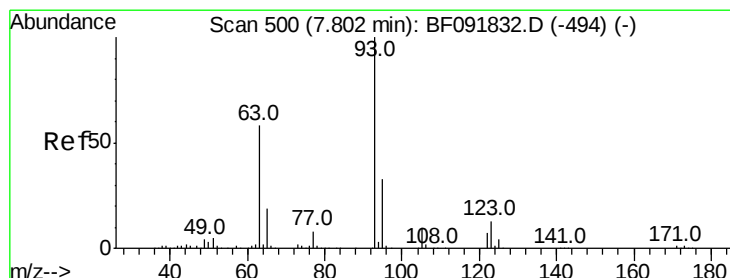
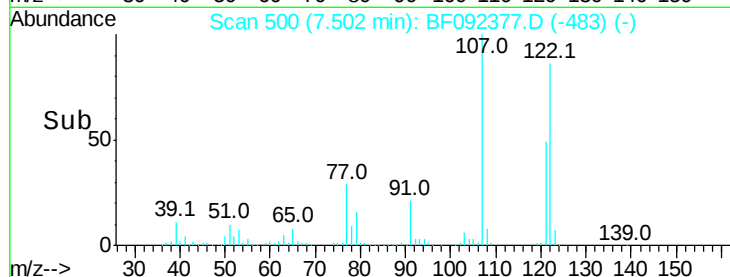
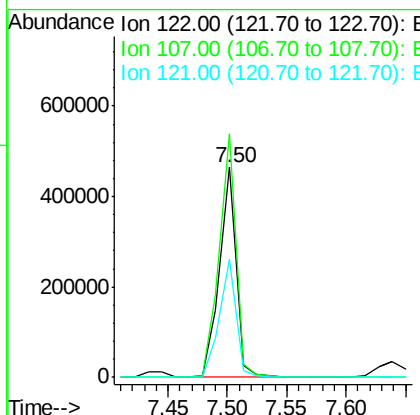
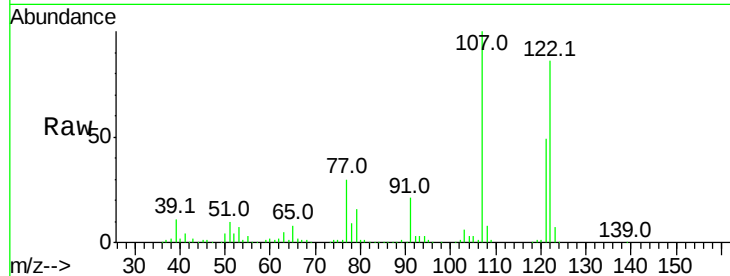
#27
2,4-Dimethylphenol
Concen: 45.82 ng
RT: 7.50 min Scan# 500
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	94.1	141.1
121	56.6	46.0	69.0

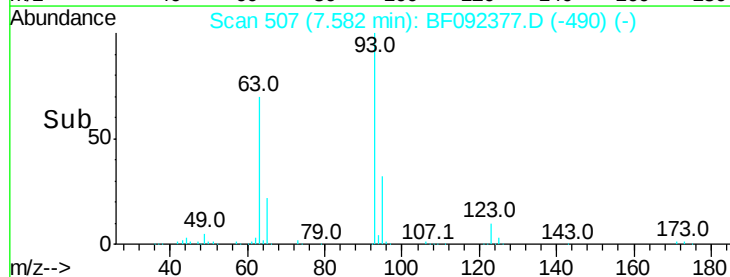
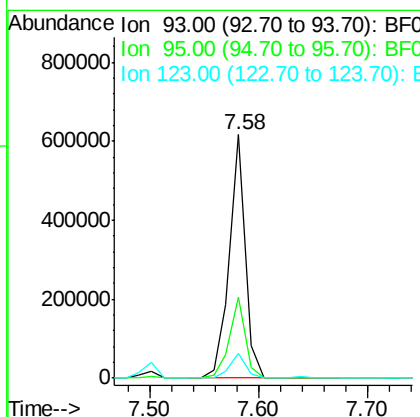
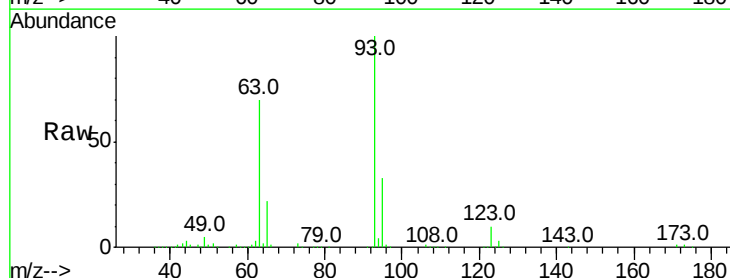
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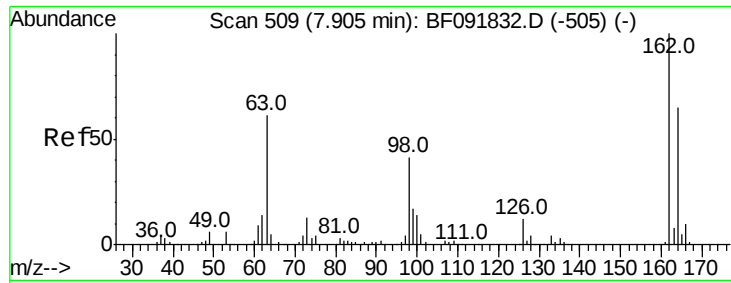
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.59 ng
RT: 7.58 min Scan# 507
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	10.2	8.6	13.0





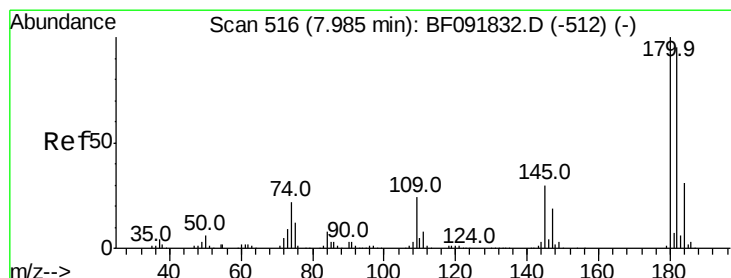
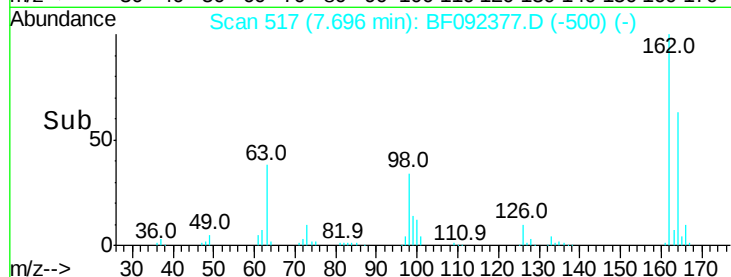
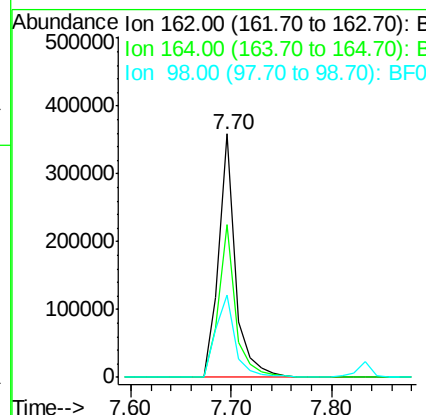
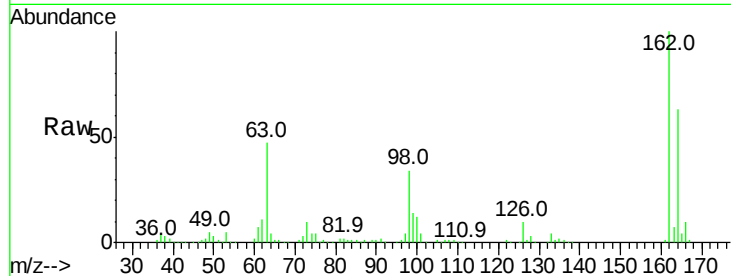
#29
 2,4-Dichlorophenol
 Concen: 50.55 ng
 RT: 7.70 min Scan# 517
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	419983		
164	62.8	46.8	86.8	
98	34.0	9.1	49.1	

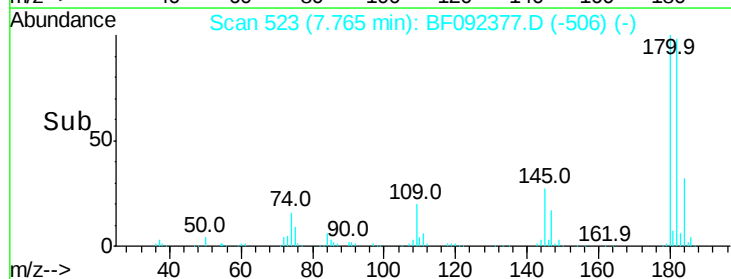
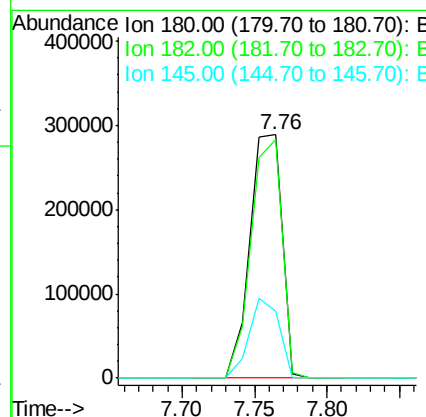
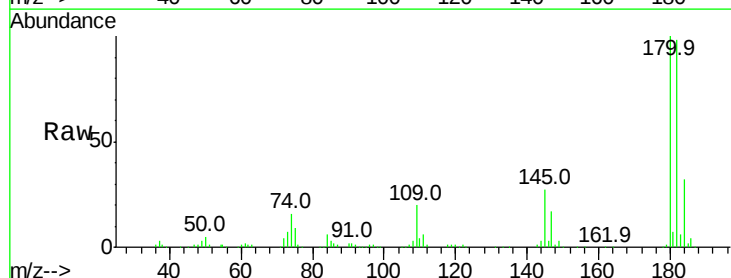
Manual Integrations
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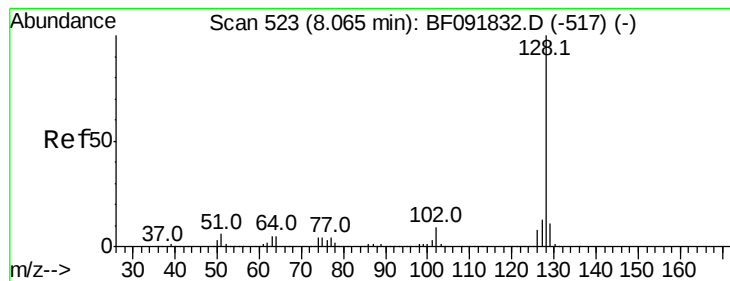
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.80 ng
 RT: 7.76 min Scan# 523
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	444359		
182	97.7	78.2	117.4	
145	27.4	21.6	32.4	





#31

Naphthalene

Concen: 50.60 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:128 Resp: 1450407

Ion Ratio Lower Upper

128 100

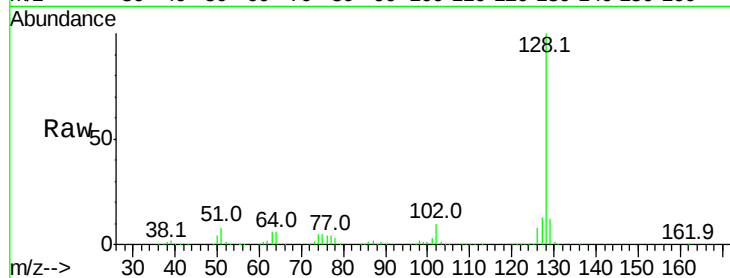
129 11.7 9.5 14.3

127 13.4 10.8 16.2

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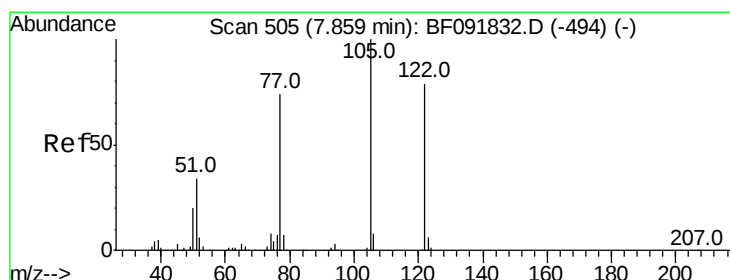
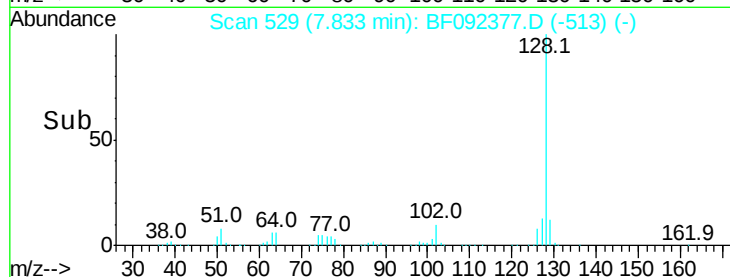
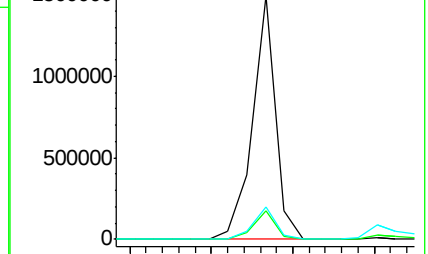
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Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.77 ng

RT: 7.64 min Scan# 512

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

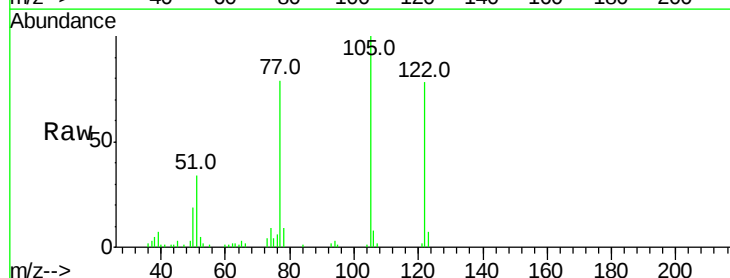
Tgt Ion:122 Resp: 63857

Ion Ratio Lower Upper

122 100

105 127.4 107.2 147.2

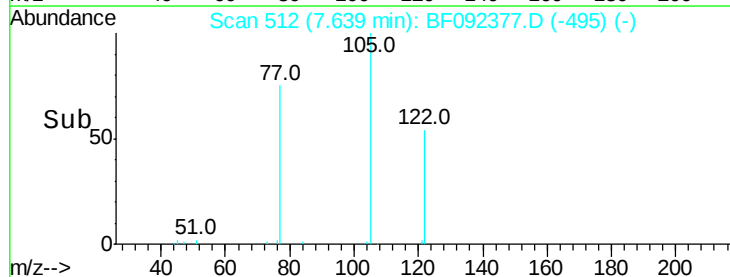
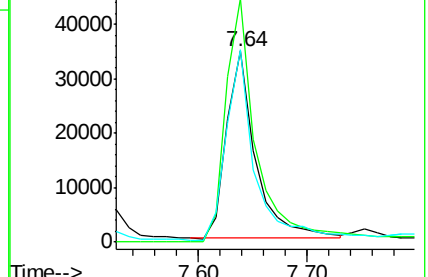
77 100.6 74.5 114.5

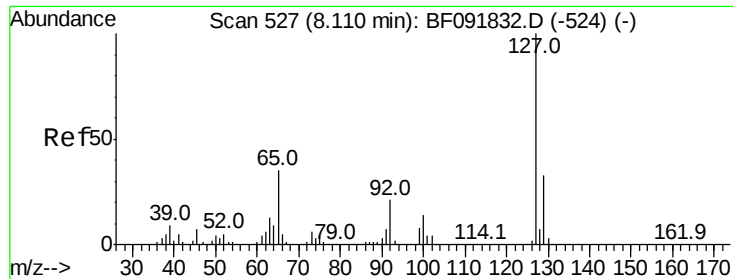


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





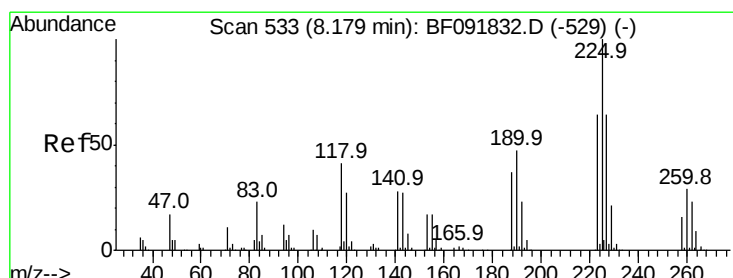
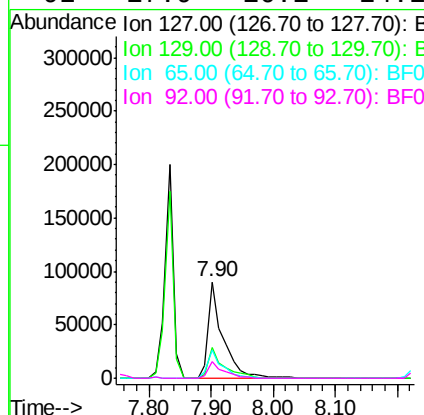
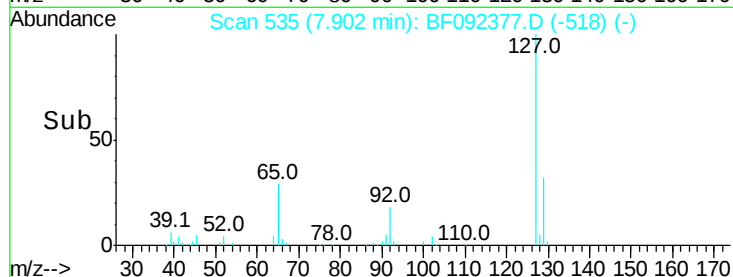
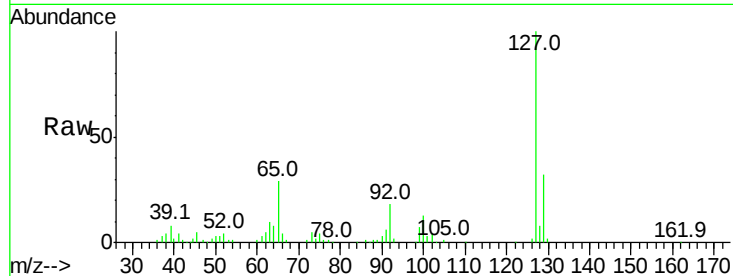
#33
4-Chloroaniline
Concen: 11.51 ng
RT: 7.90 min Scan# 535
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	29.4	25.8	38.8		
92	17.9	16.1	24.1		

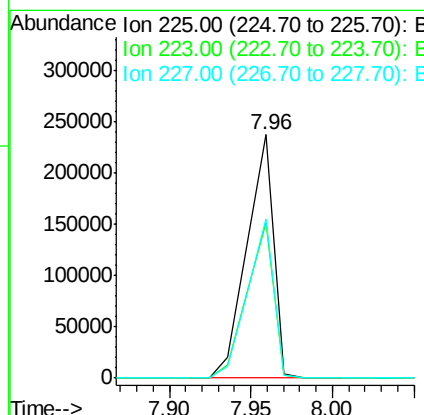
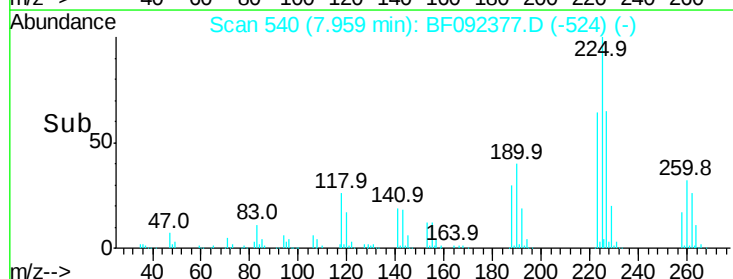
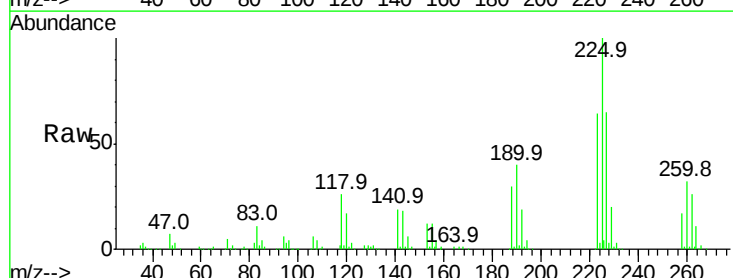
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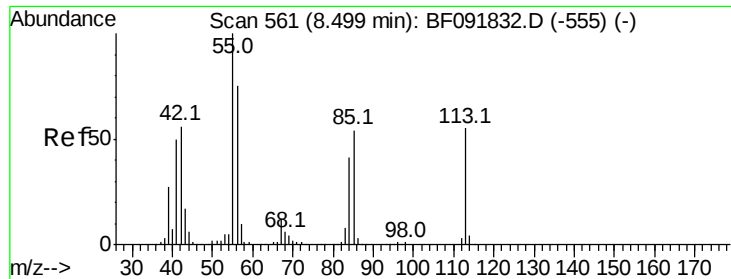
mohammad
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#34
Hexachlorobutadiene
Concen: 55.74 ng
RT: 7.96 min Scan# 540
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.0	76.6		
227	65.2	50.6	76.0		





#35

Caprolactam

Concen: 63.65 ng/mL

RT: 8.29 min Scan# 569

Delta R.T. -0.10 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

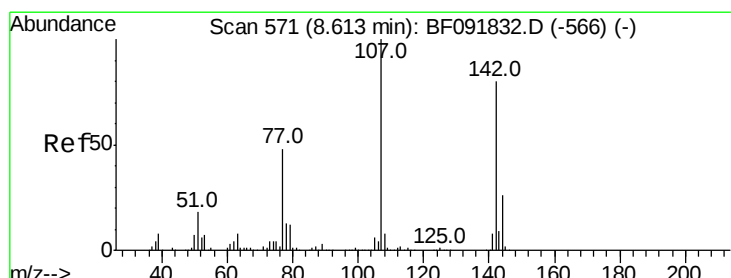
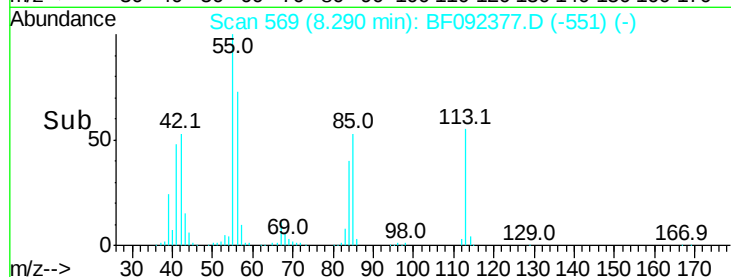
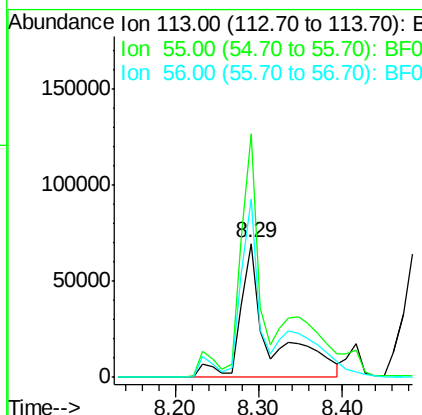
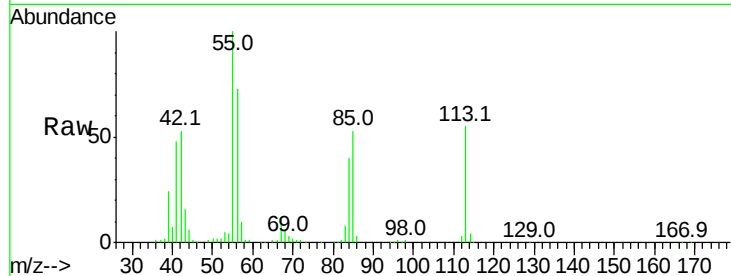
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	113	Resp:	173779
Ion Ratio	Lower	Upper	
113	100		
55	182.1	119.2	159.2#
56	133.8	83.8	123.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 70.06 ng/mL

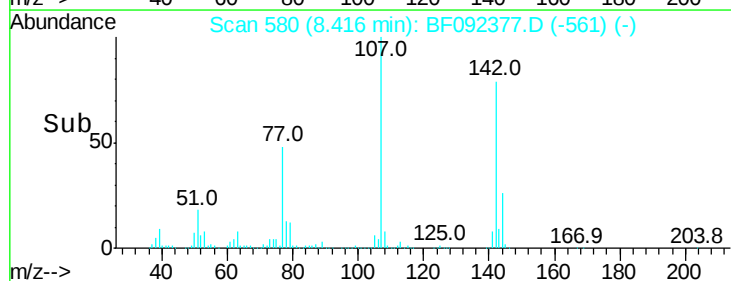
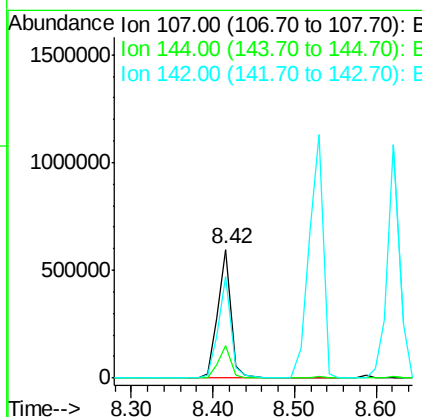
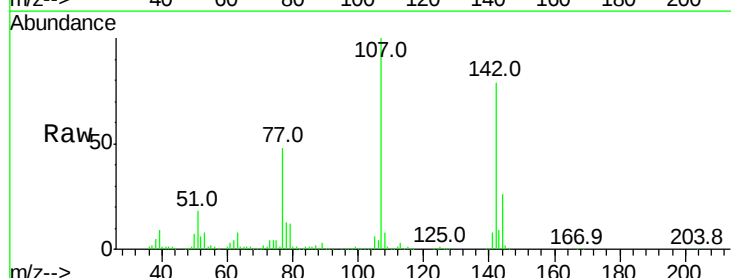
RT: 8.42 min Scan# 580

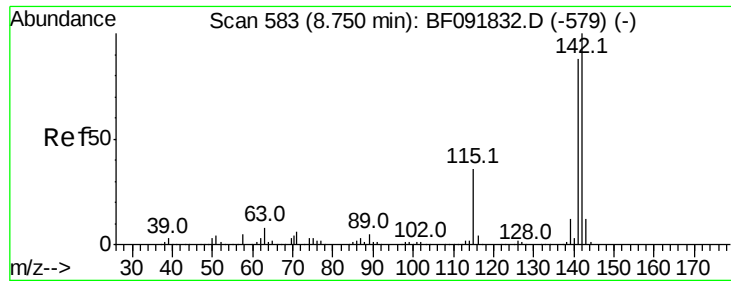
Delta R.T. -0.09 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	107	Resp:	669852
Ion Ratio	Lower	Upper	
107	100		
144	25.7	19.3	28.9
142	79.2	59.0	88.6





#37

2-Methylnaphthalene

Concen: 68.74 ng

RT: 8.53 min Scan# 590

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:142 Resp: 1351256

Ion Ratio Lower Upper

142 100

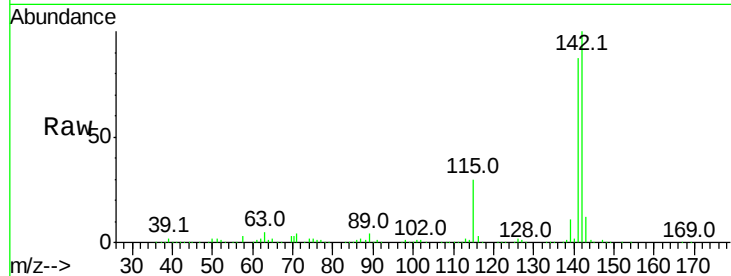
141 87.4 71.0 106.6

115 30.2 28.3 42.5

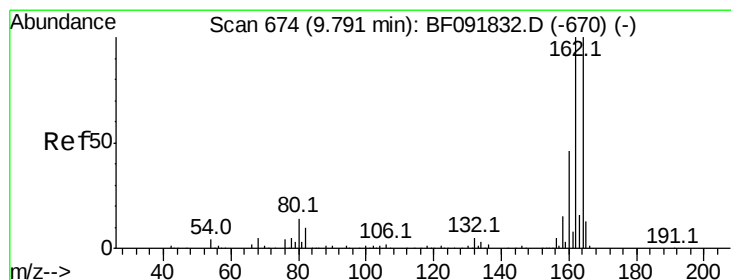
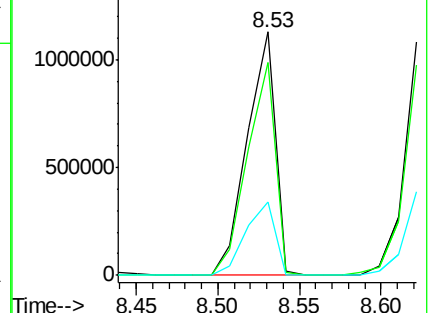
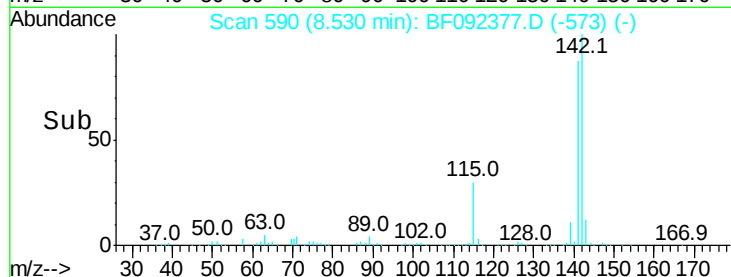
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

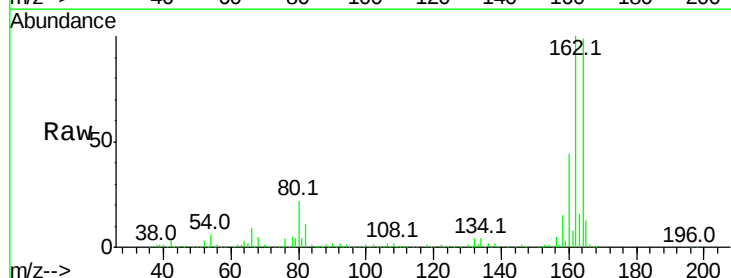
Tgt Ion:164 Resp: 441382

Ion Ratio Lower Upper

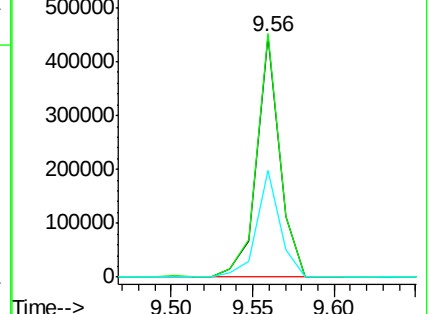
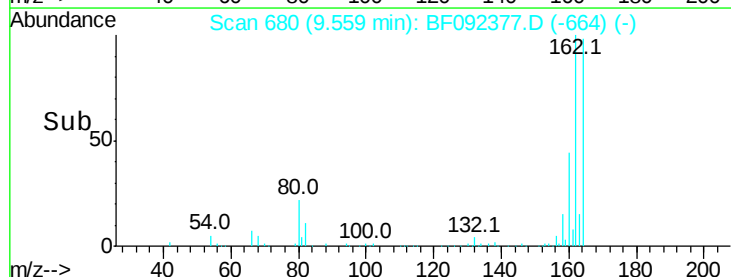
164 100

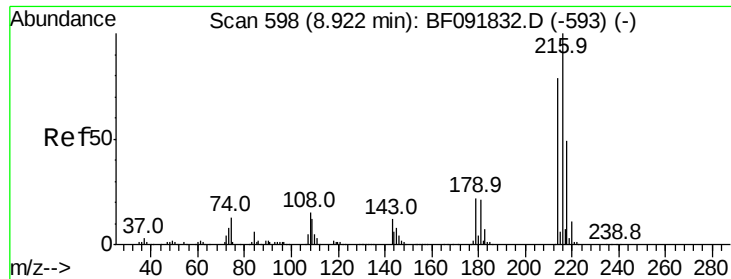
162 101.1 80.2 120.2

160 44.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.59 ng

RT: 8.69 min Scan# 604

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

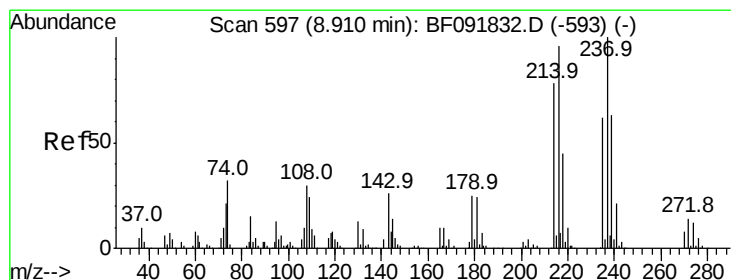
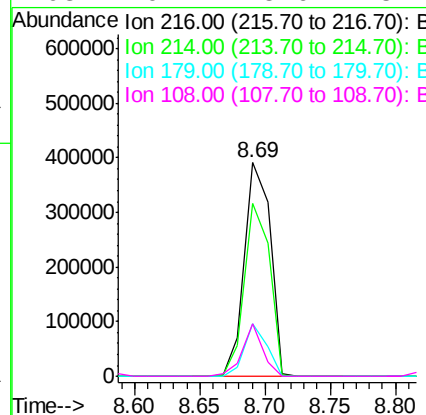
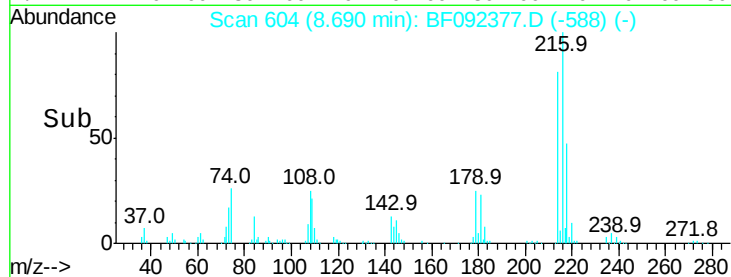
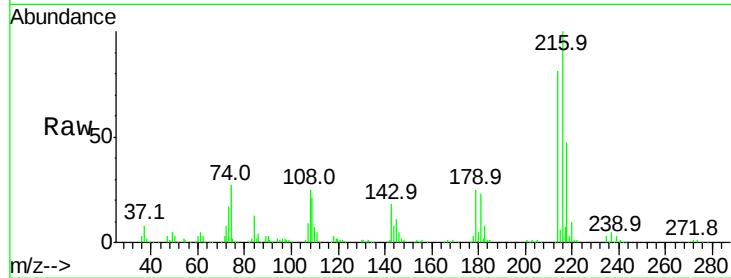
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	216	Resp:	541810
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	21.5	17.4	26.2
108	19.4	15.6	23.4

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 43.64 ng

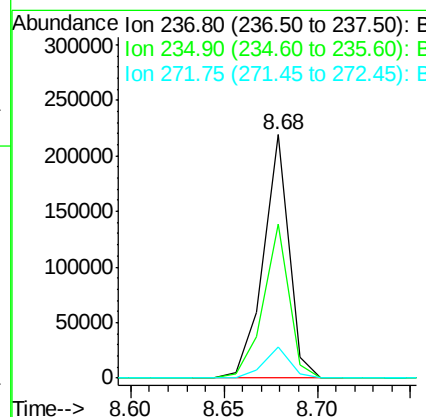
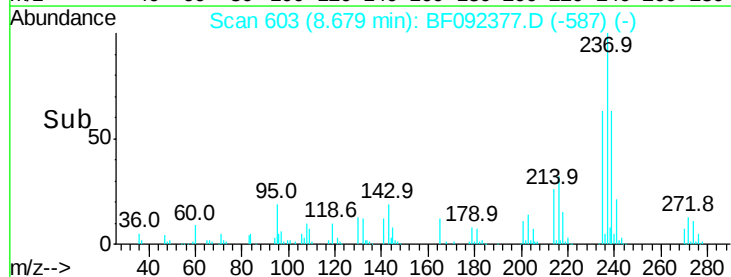
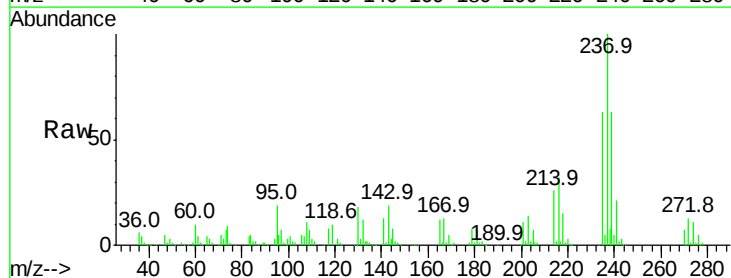
RT: 8.68 min Scan# 603

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	237	Resp:	207261
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.2	81.2
272	12.7	0.0	35.4





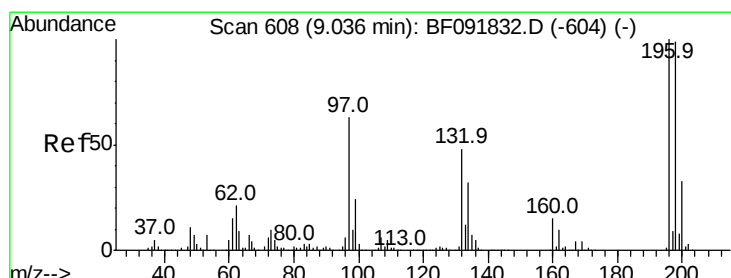
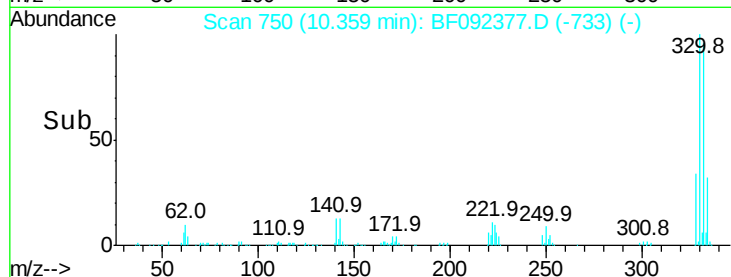
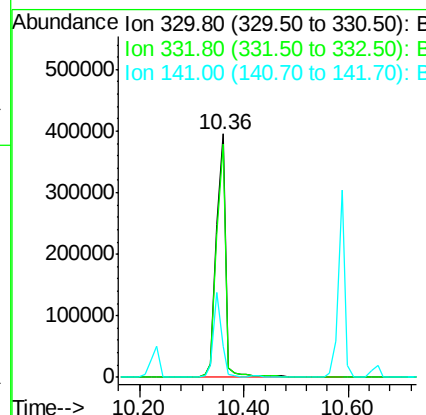
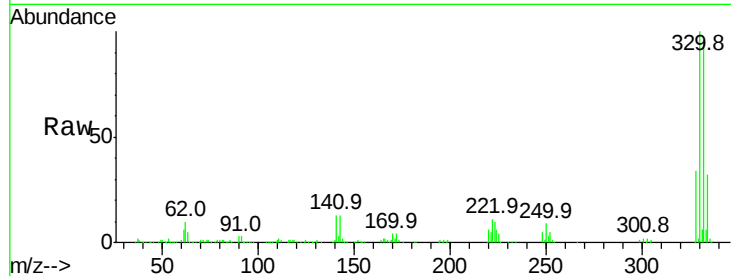
#41
 2,4,6-Tribromophenol
 Concen: 136.42 ng
 RT: 10.36 min Scan# 750
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	77.4	116.2	
141	30.5	34.1	51.1#	

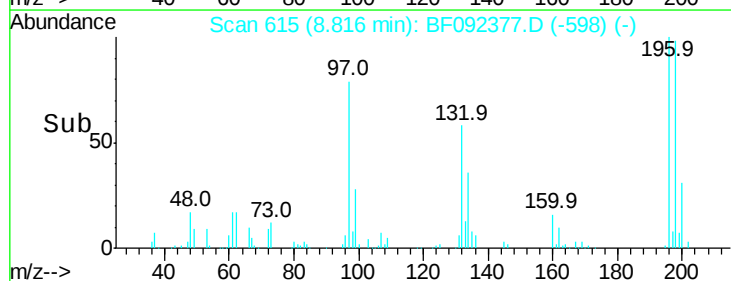
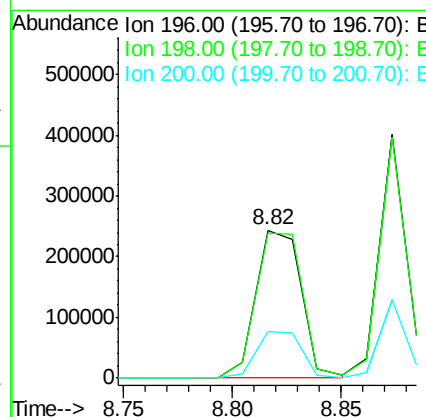
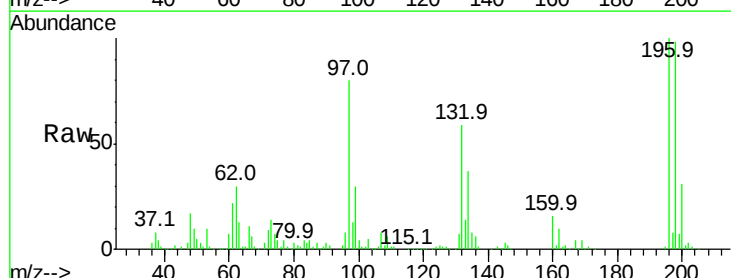
Manual Integrations
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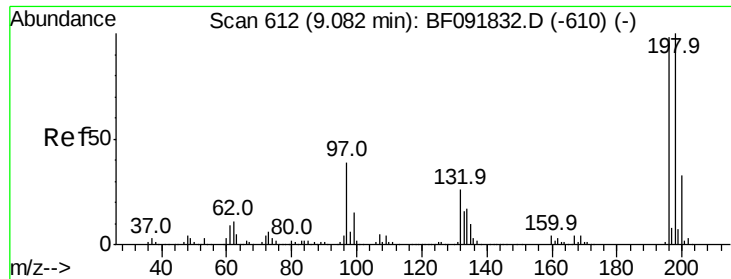
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 45.73 ng
 RT: 8.82 min Scan# 615
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.2	82.1	123.1	
200	31.3	27.0	40.4	





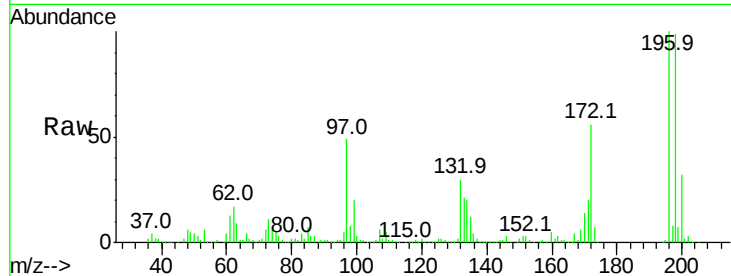
#43
 2,4,5-Trichlorophenol
 Concen: 45.48 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.10 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	365009		
198	99.1	79.4	119.2	
97	49.2	51.5	77.3#	
132	29.8	27.4	41.2	

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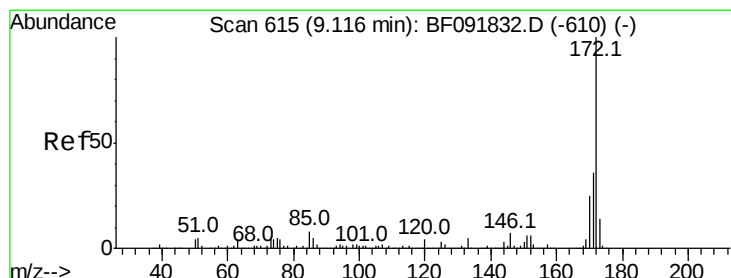
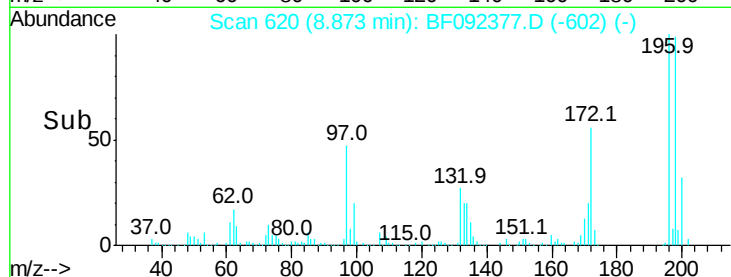
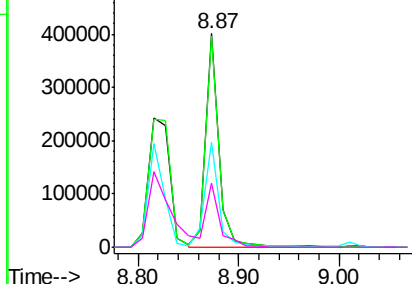
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.60 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

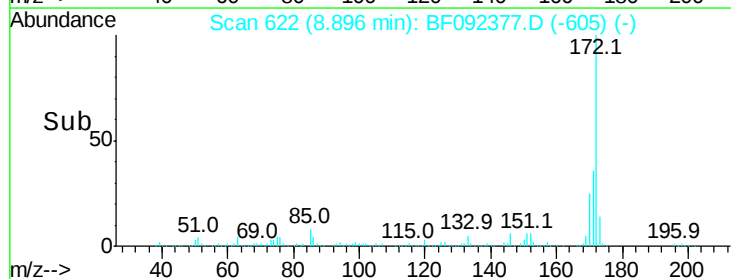
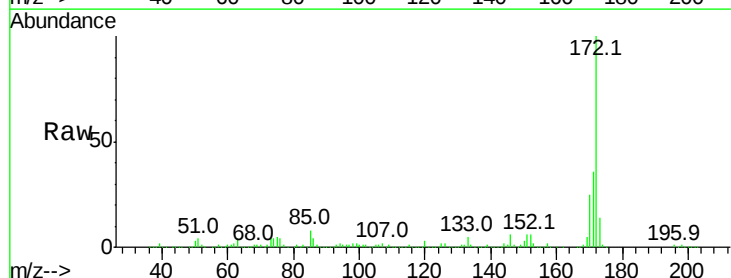
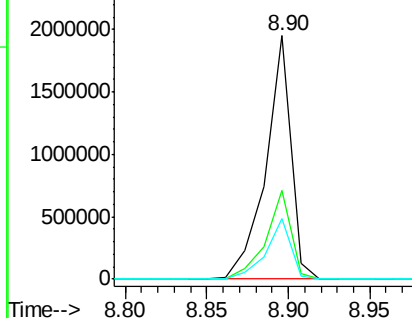
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2097771		
171	36.5	29.4	44.0	
170	24.8	20.2	30.4	

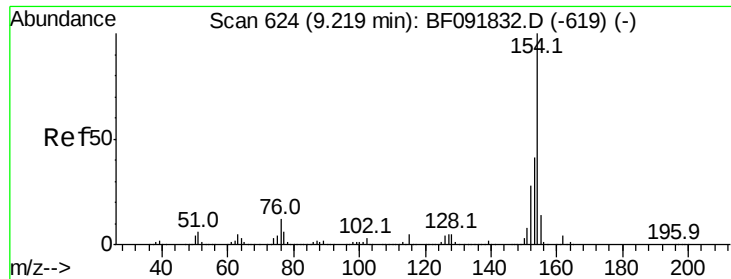
Abundance

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





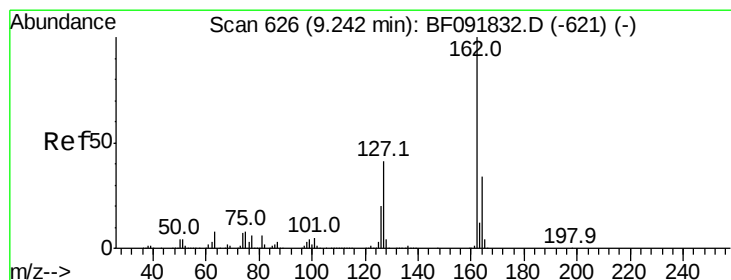
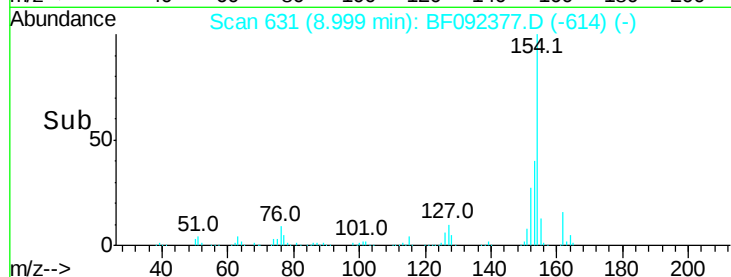
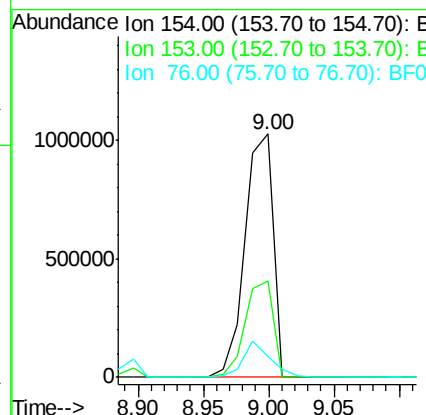
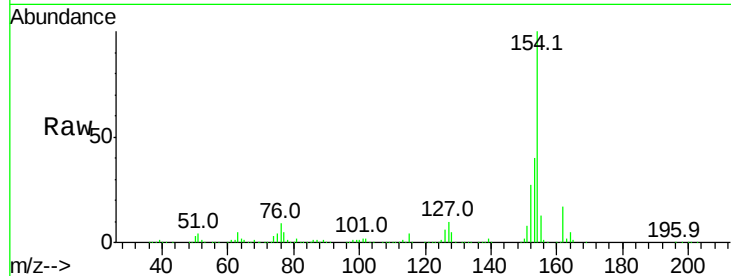
#45
1,1'-Biphenyl
Concen: 50.72 ng
RT: 9.00 min Scan# 631
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion:154 Resp: 1532738
Ion Ratio Lower Upper
154 100
153 39.5 20.9 60.9
76 8.5 0.0 30.5

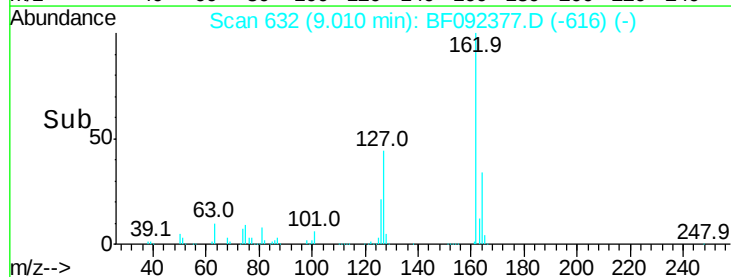
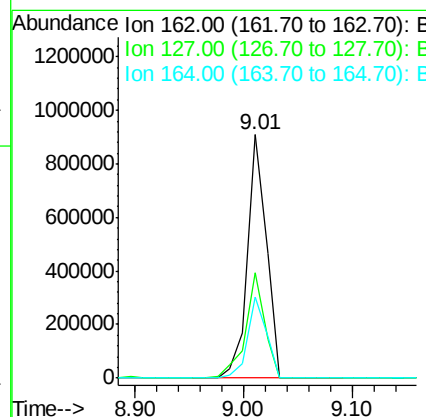
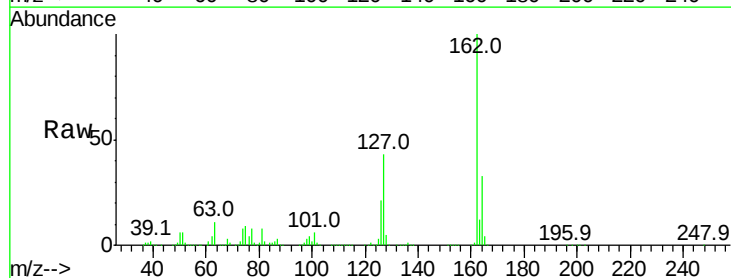
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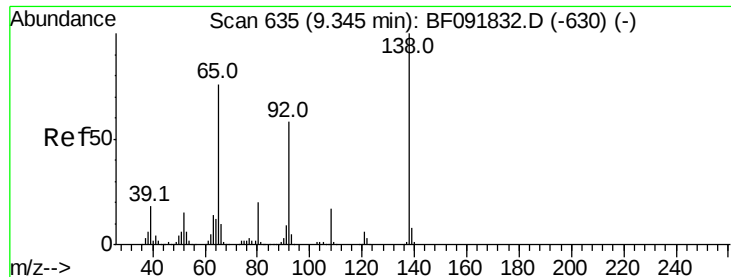
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#46
2-Chloronaphthalene
Concen: 45.57 ng
RT: 9.01 min Scan# 632
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion:162 Resp: 1090692
Ion Ratio Lower Upper
162 100
127 43.5 30.7 46.1
164 33.5 27.6 41.4





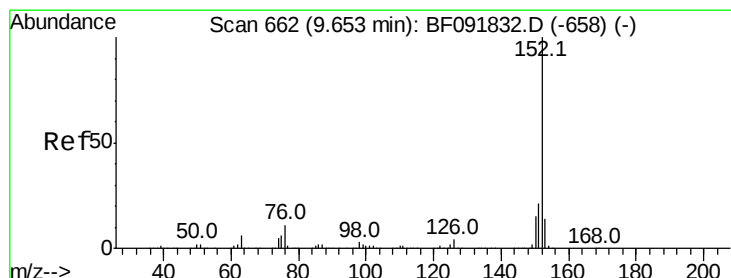
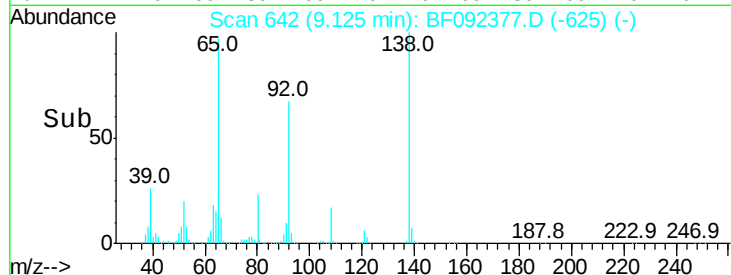
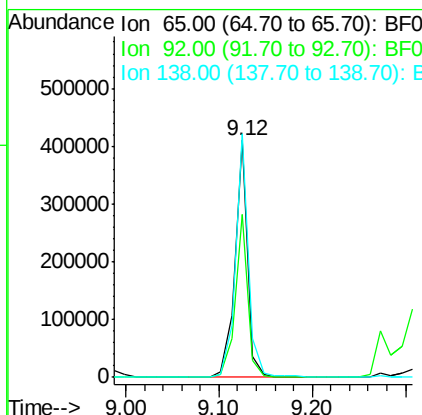
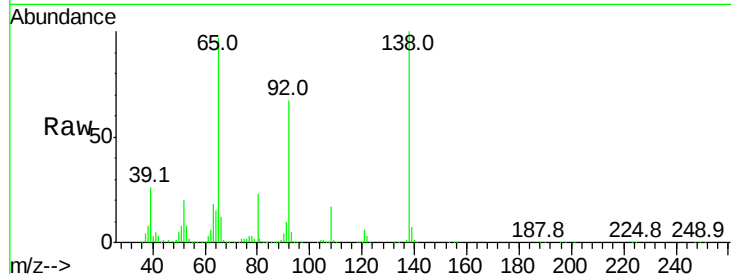
#47
2-Nitroaniline
Concen: 45.92 ng
RT: 9.12 min Scan# 642
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion: 65 Resp: 391298
Ion Ratio Lower Upper
65 100
92 69.0 53.9 80.9
138 102.8 76.8 115.2

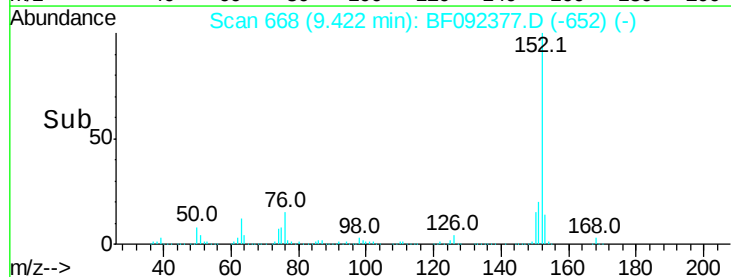
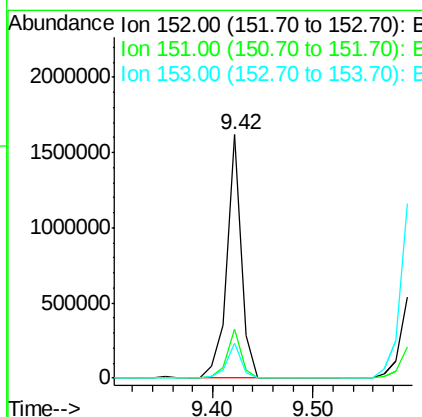
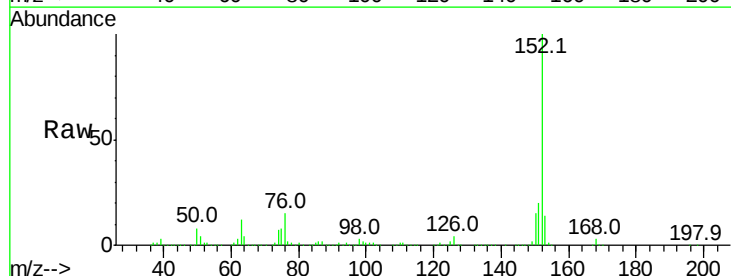
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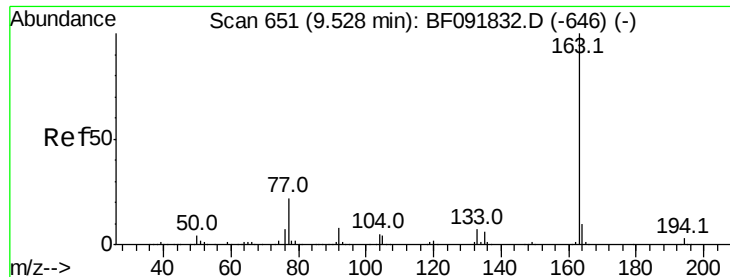
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#48
Acenaphthylene
Concen: 43.73 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion: 152 Resp: 1609655
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 14.4 11.4 17.2





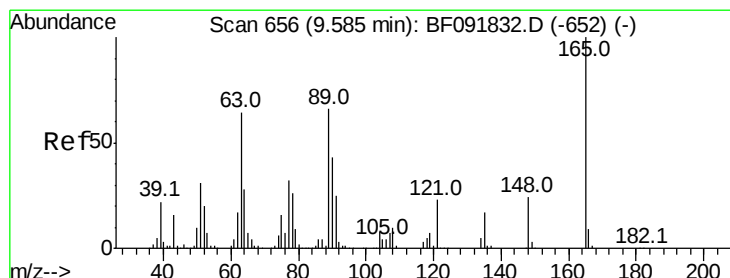
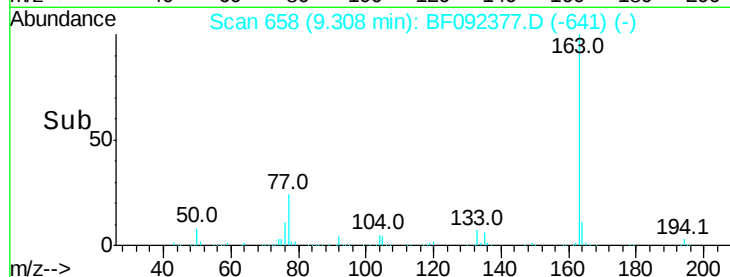
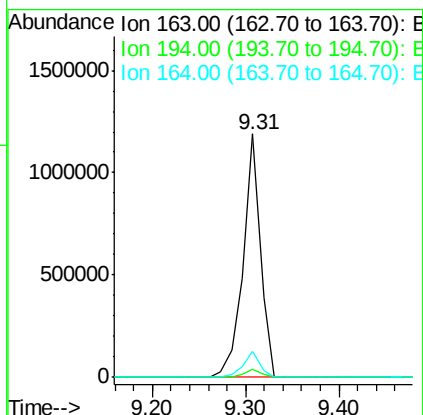
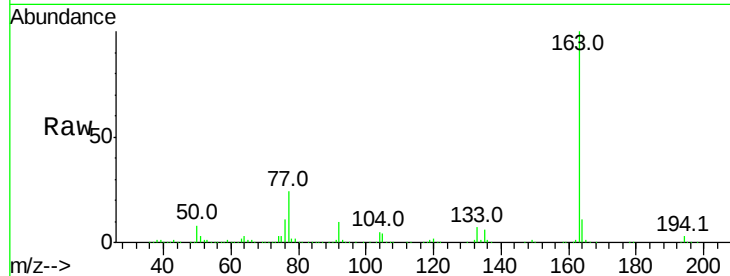
#49
Dimethylphthalate
Concen: 54.07 ng
RT: 9.31 min Scan# 658
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion:163 Resp: 1526357
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

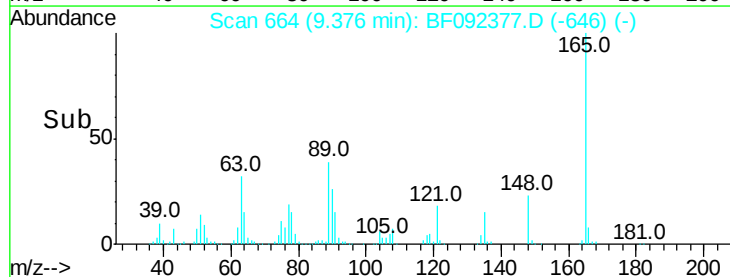
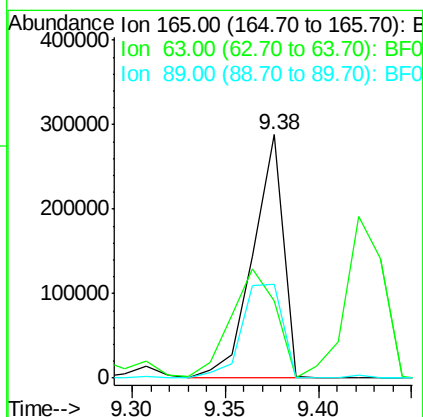
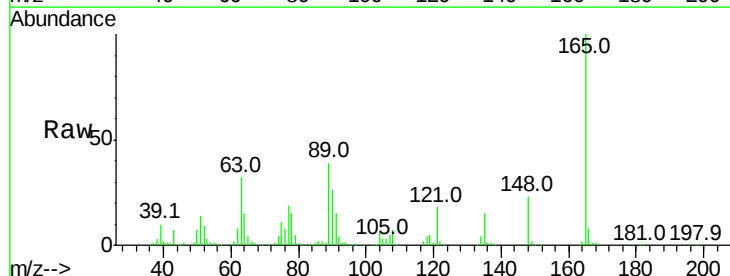
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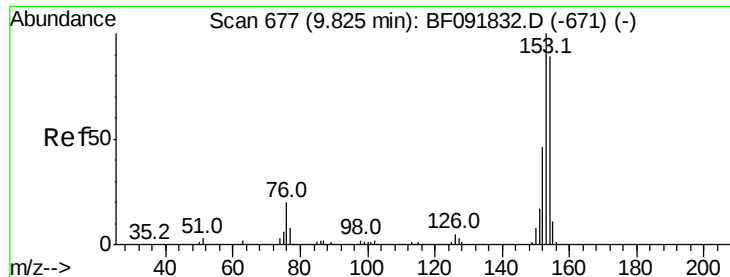
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#50
2,6-Dinitrotoluene
Concen: 52.25 ng
RT: 9.38 min Scan# 664
Delta R.T. -0.10 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion:165 Resp: 322878
Ion Ratio Lower Upper
165 100
63 31.9 36.2 54.4#
89 38.8 40.2 60.4#





#51

Acenaphthene

Concen: 41.13 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:154 Resp: 1026414

Ion Ratio Lower Upper

154 100

153 110.8 88.6 133.0

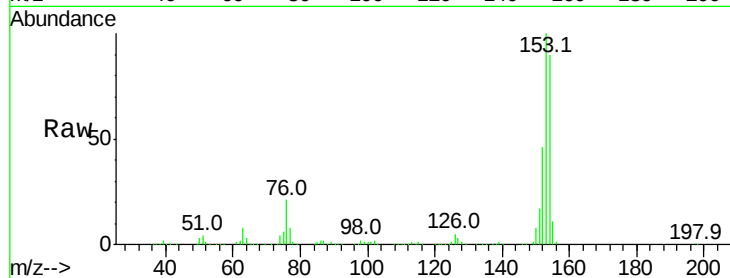
152 51.1 41.6 62.4

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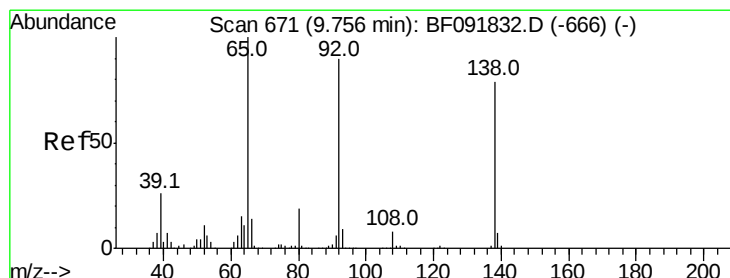
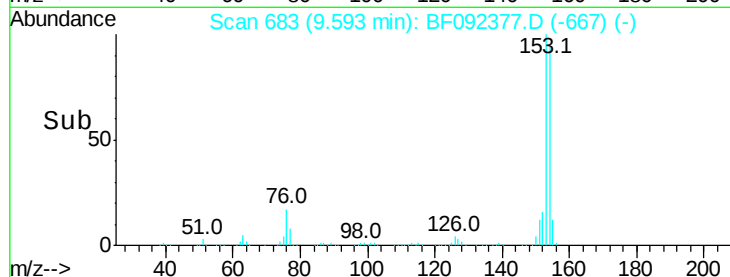
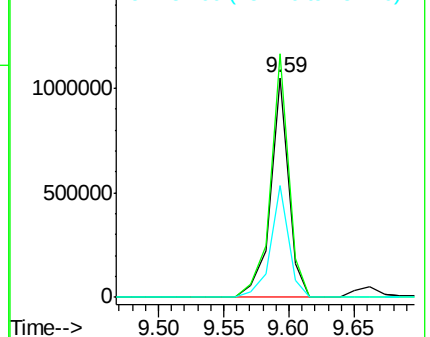


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.15 ng

RT: 9.54 min Scan# 678

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

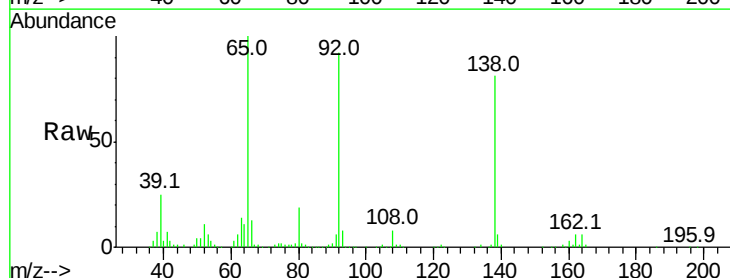
Tgt Ion:138 Resp: 177026

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

92 113.5 97.8 146.8

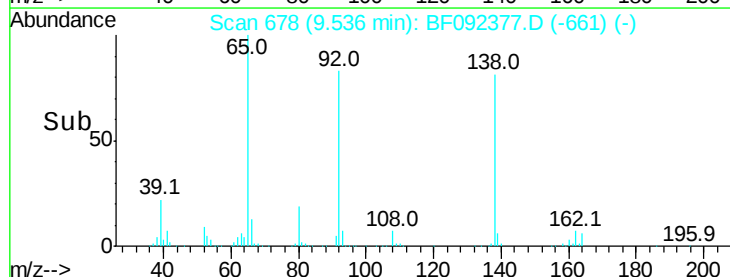
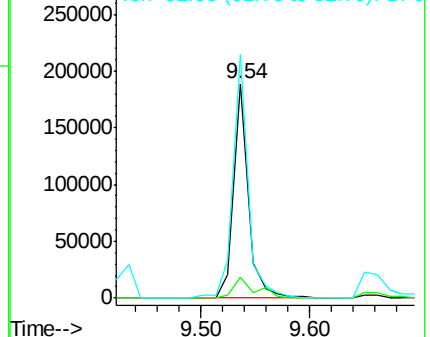


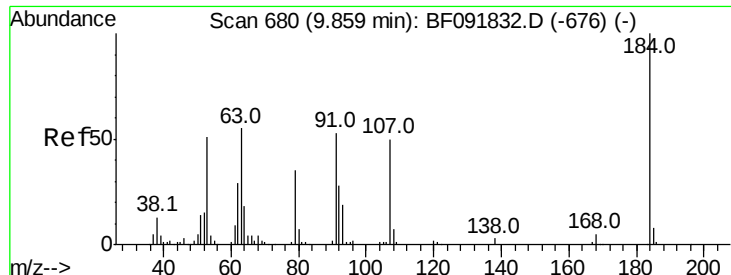
Abundance

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





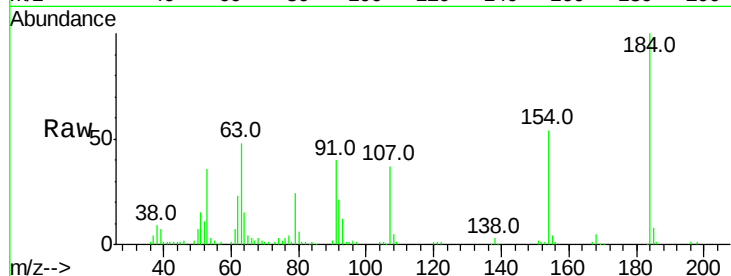
#53
2,4-Dinitrophenol
Concen: 41.61 ng
RT: 9.66 min Scan# 689
Delta R.T. -0.10 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

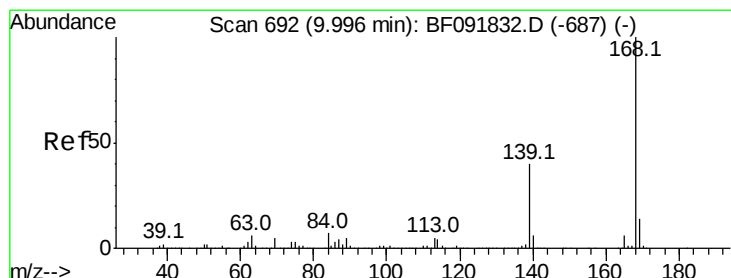
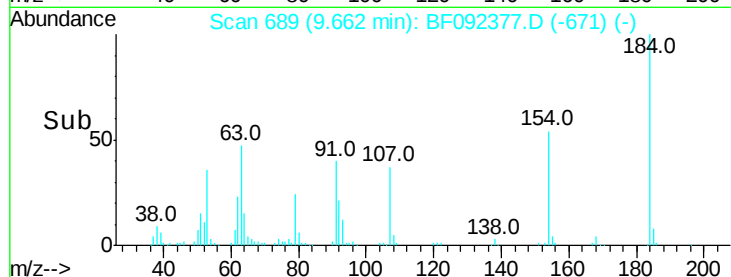
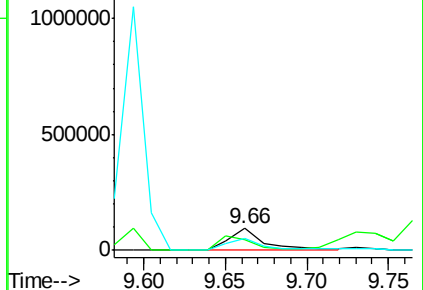
Tot Ion	Ratio	Resp	Lower	Upper
184	100	143055		
63	48.1	28.4	42.6#	
154	53.9	44.3	66.5	

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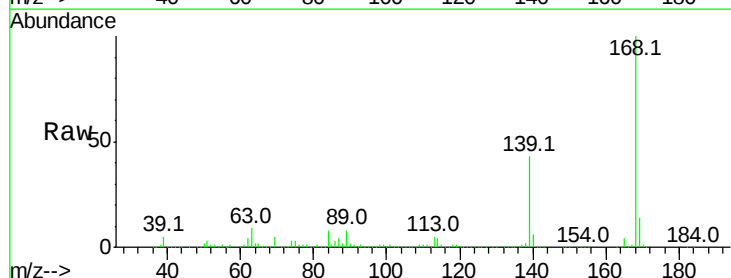


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

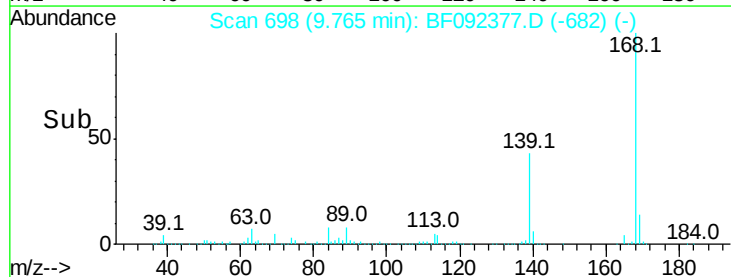
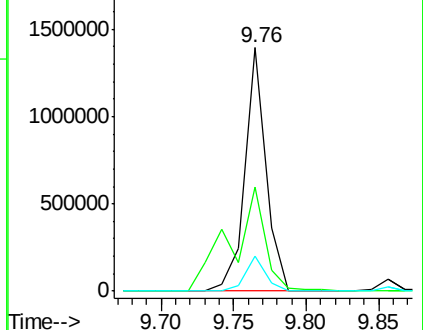


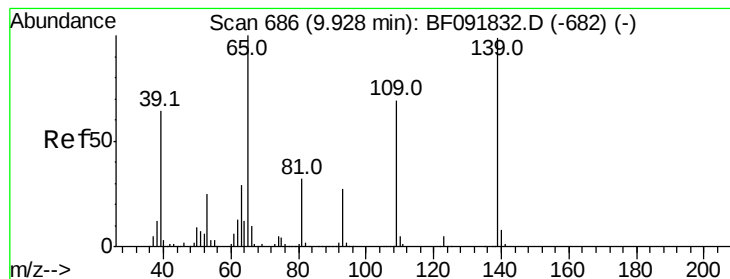
#54
Dibenzofuran
Concen: 41.45 ng
RT: 9.76 min Scan# 698
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1396917		
139	42.9	32.6	49.0	
169	14.1	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: 90.01 ng/mL

RT: 9.74 min Scan# 696

Delta R.T. -0.09 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

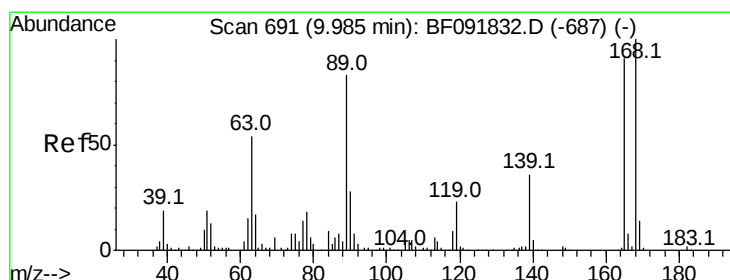
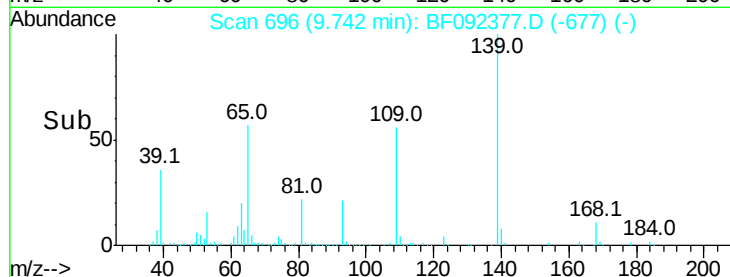
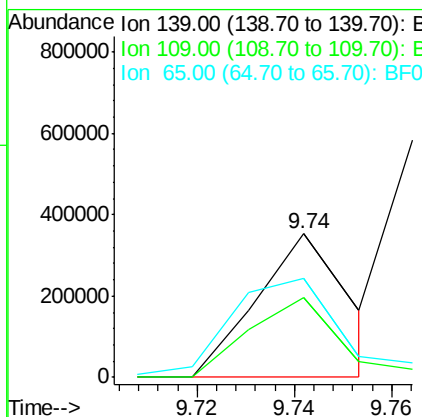
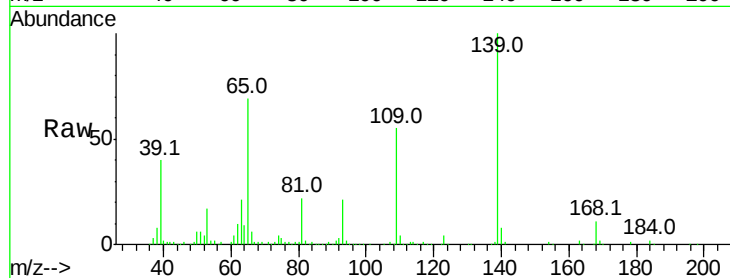
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	139	Resp:	467350
Ion Ratio	Lower	Upper	
139	100		
109	55.5	52.2	92.2
65	69.4	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 47.22 ng/mL

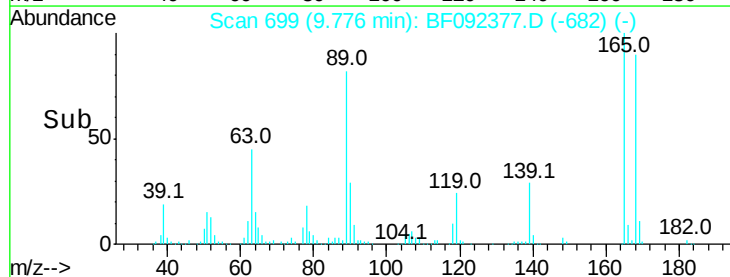
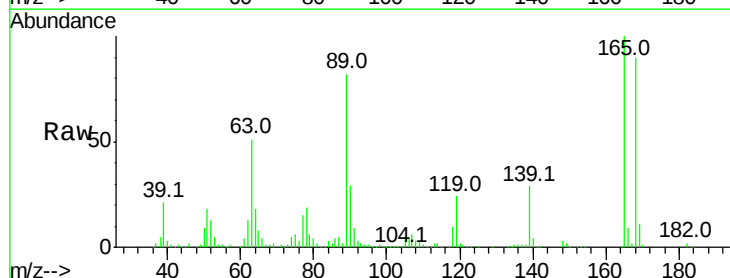
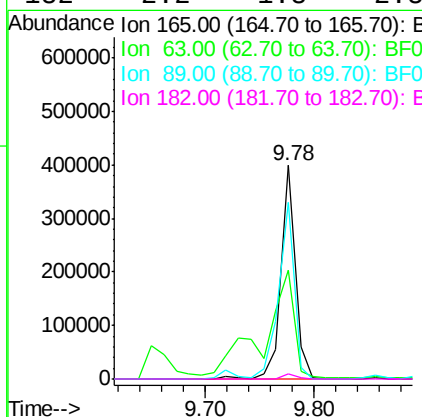
RT: 9.78 min Scan# 699

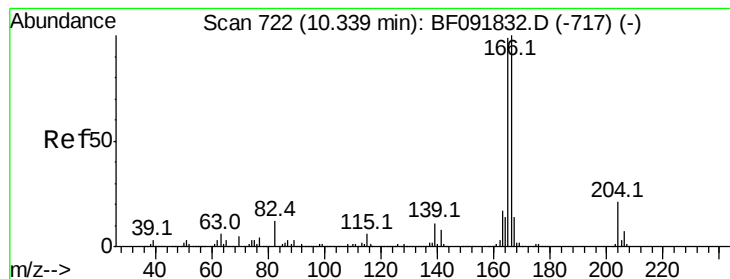
Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	165	Resp:	366217
Ion Ratio	Lower	Upper	
165	100		
63	51.0	40.2	60.4
89	82.5	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 42.18 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:166 Resp: 1034287

Ion Ratio Lower Upper

166 100

165 96.9 77.8 116.8

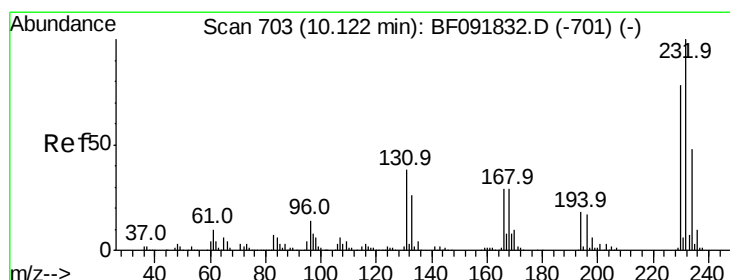
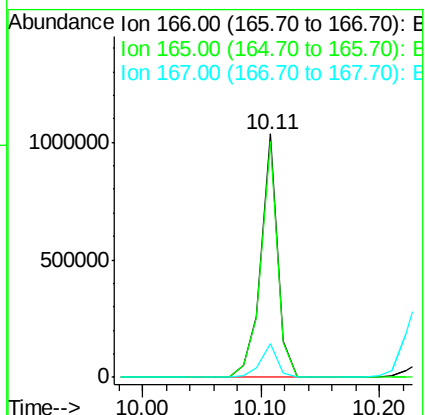
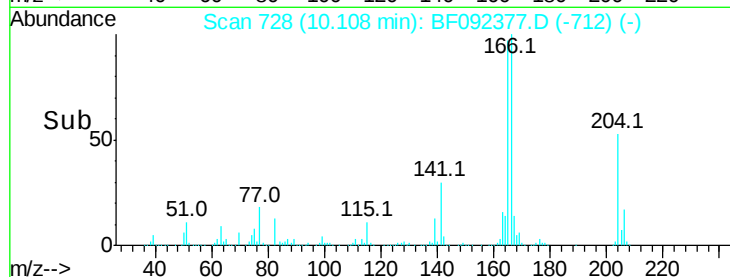
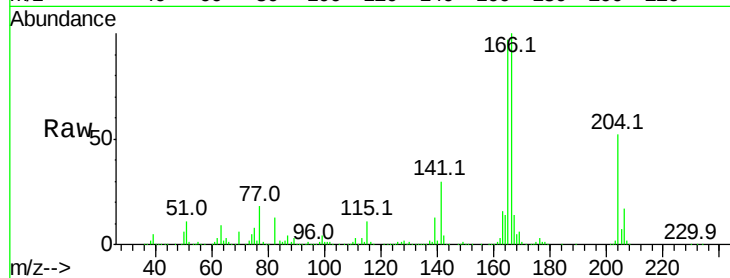
167 13.8 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.55 ng

RT: 9.90 min Scan# 710

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:232 Resp: 301837

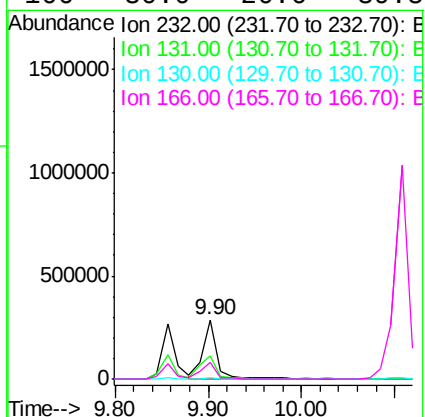
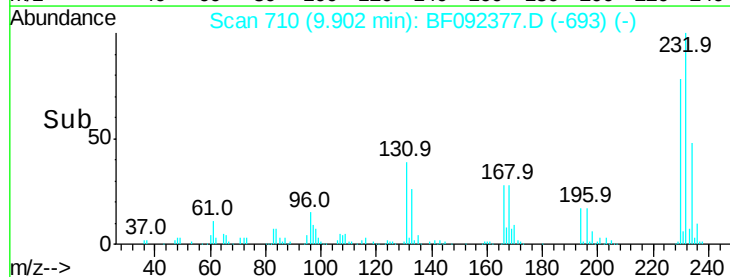
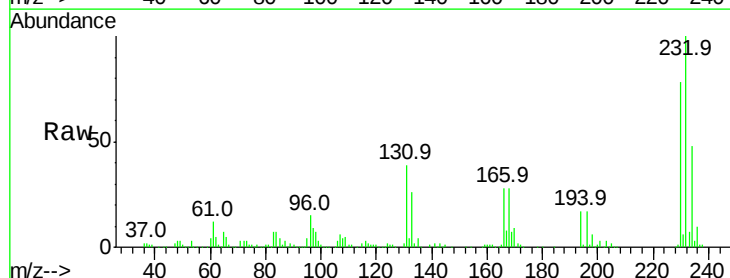
Ion Ratio Lower Upper

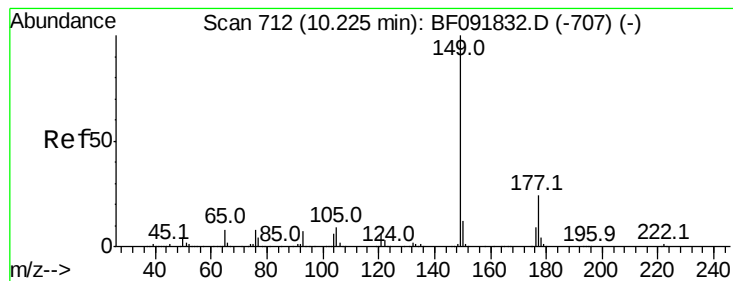
232 100

131 46.3 40.1 60.1

130 2.2 1.8 2.8

166 30.0 26.6 39.8





#59

Diethylphthalate

Concen: 46.76 ng

RT: 10.00 min Scan# 719

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:149 Resp: 1281944

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

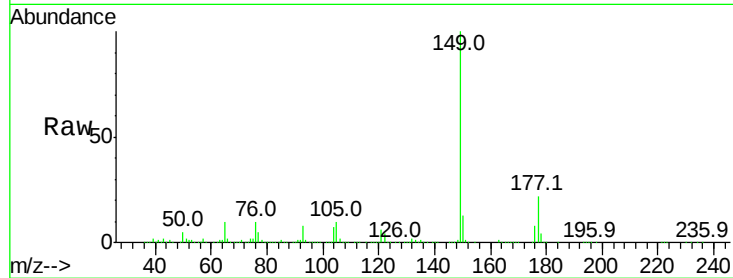
150 12.9 10.4 15.6

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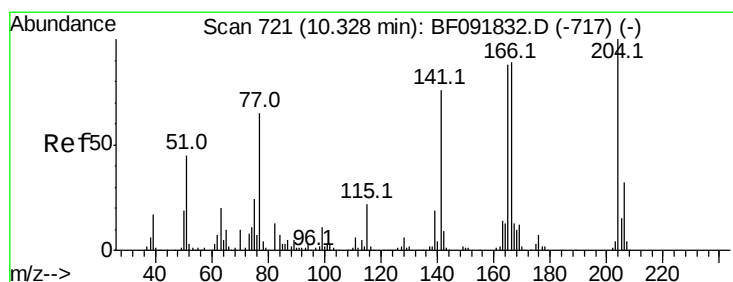
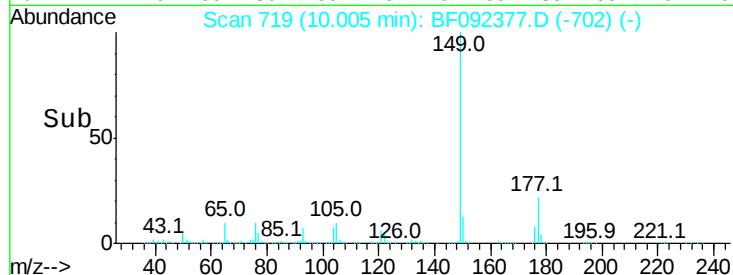
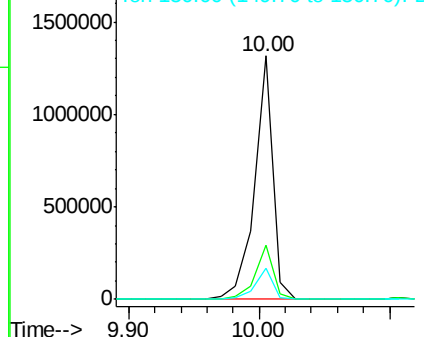
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.46 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

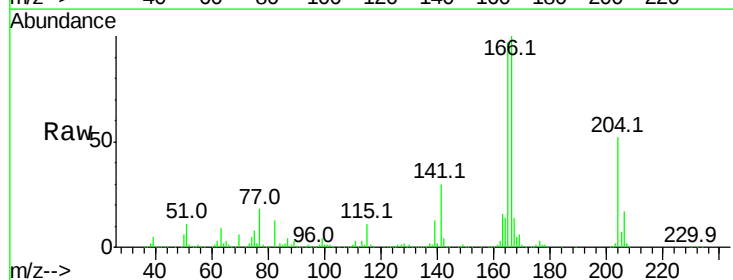
Tgt Ion:204 Resp: 531013

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

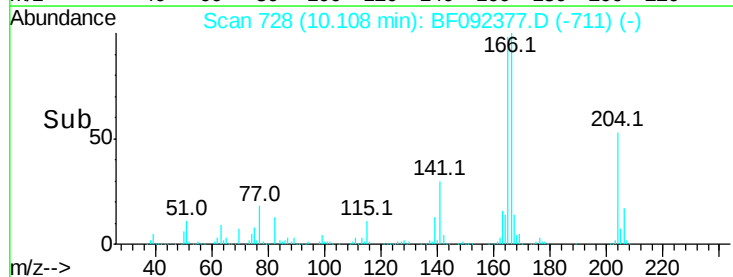
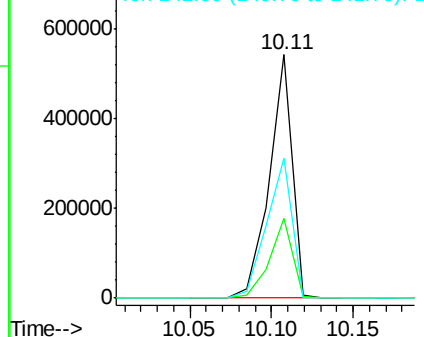
141 57.6 59.4 89.0#

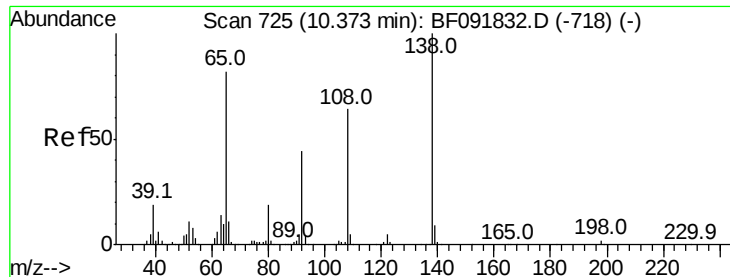


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





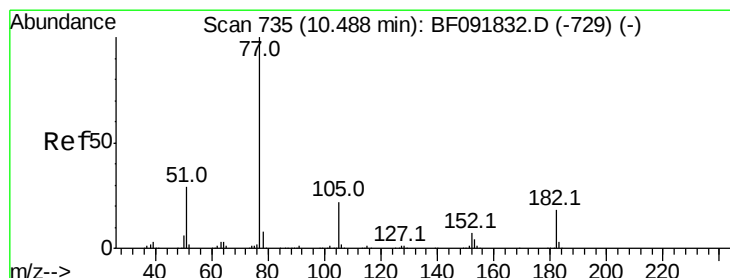
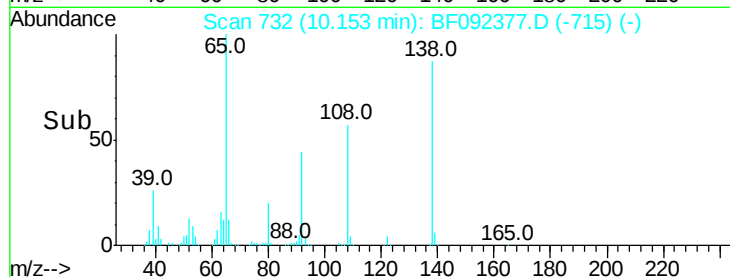
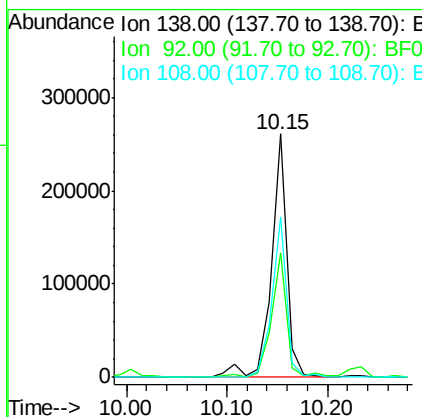
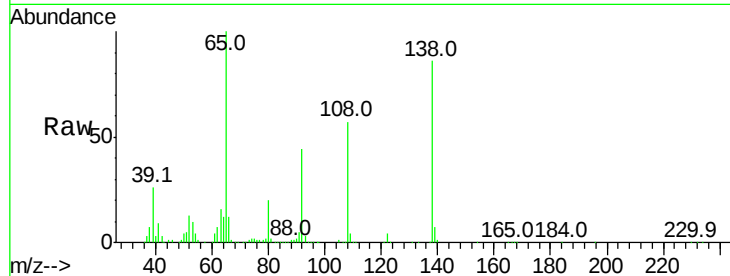
#61
4-Nitroaniline
Concen: 35.38 ng
RT: 10.15 min Scan# 732
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.7	71.7
108	65.9	52.6	92.6

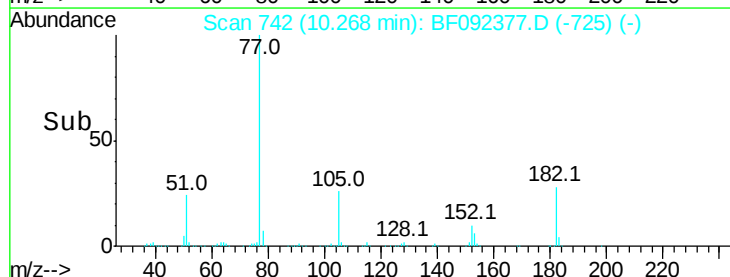
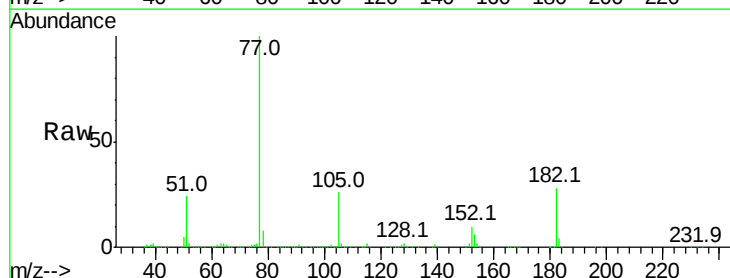
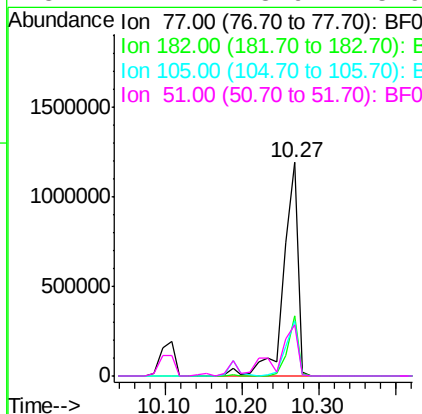
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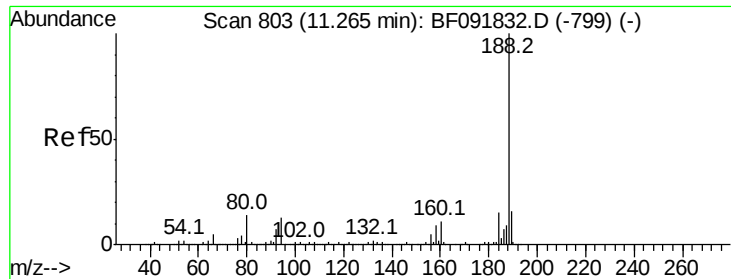
mohammad
1/23/2017 2:44:55 PM



#62
Azobenzene
Concen: 51.92 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.11 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	0.0	39.3
105	25.9	2.3	42.3
51	24.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 809

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

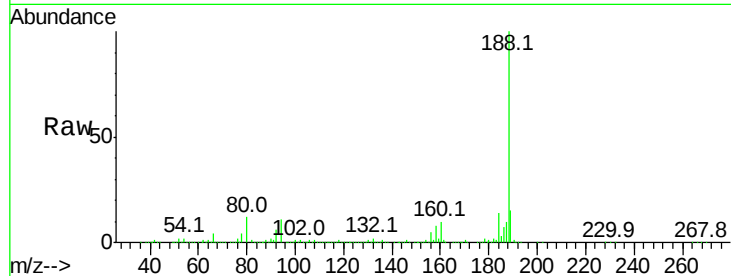
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	188	Resp:	675251
Ion Ratio	Lower	Upper	
188	100		
94	11.2	10.0	15.0
80	12.5	11.2	16.8

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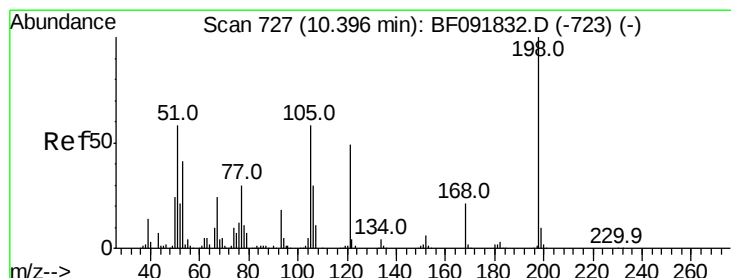
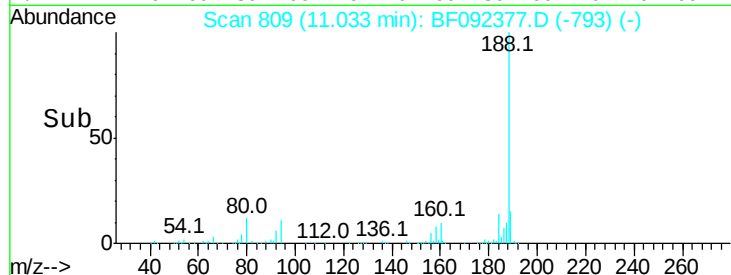
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.03

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.29 ng

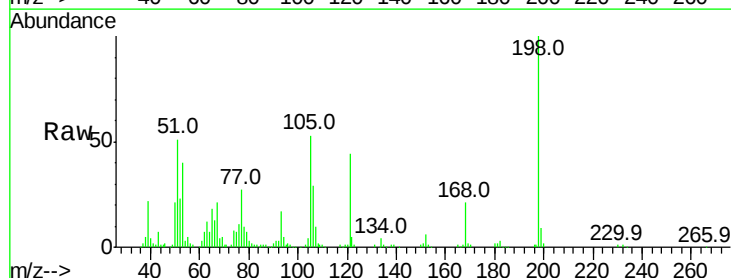
RT: 10.19 min Scan# 735

Delta R.T. -0.10 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	198	Resp:	160424
Ion Ratio	Lower	Upper	
198	100		
51	51.4	6.7	46.7#
105	53.2	16.6	56.6



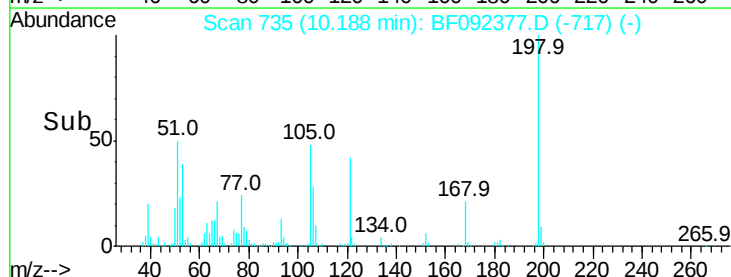
Abundance Ion 198.00 (197.70 to 198.70): E

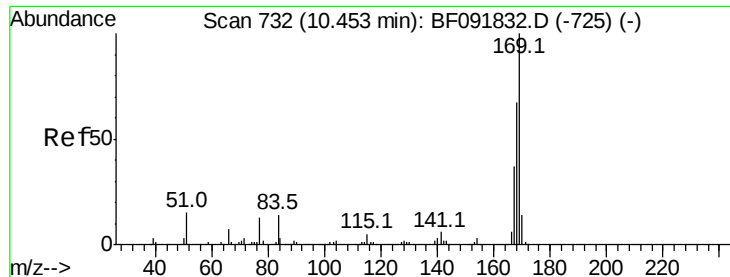
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.19

Time-->





#65

n-Nitrosodiphenylamine

Concen: 56.35 ng

RT: 10.23 min Scan# 739

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:169 Resp: 1129009

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

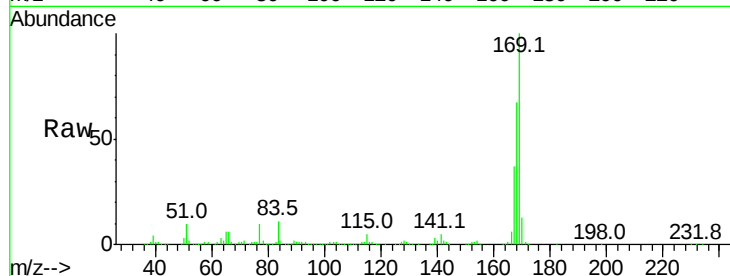
167 37.1 30.2 45.4

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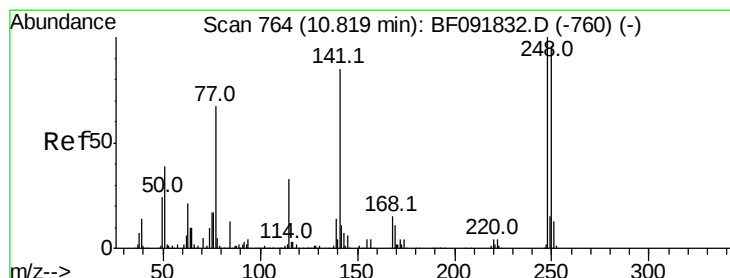
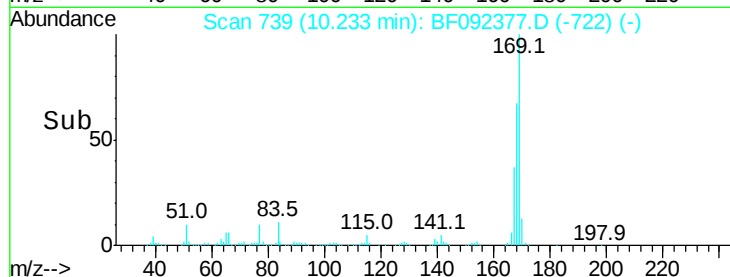
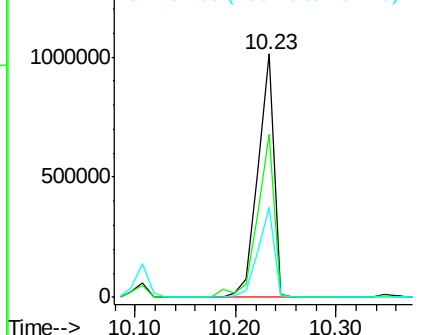
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.52 ng

RT: 10.59 min Scan# 770

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

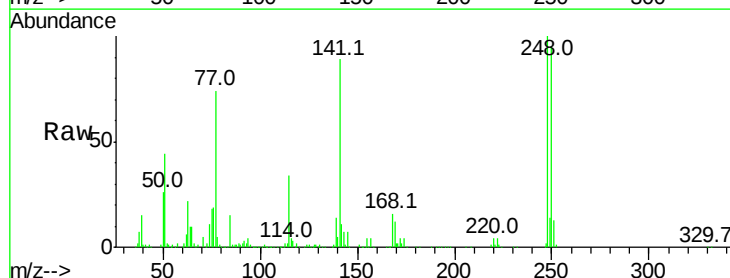
Tgt Ion:248 Resp: 319728

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

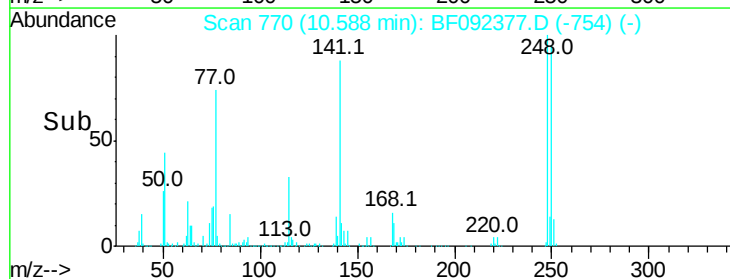
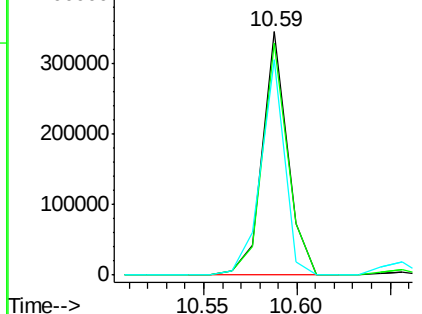
141 88.6 68.2 102.4

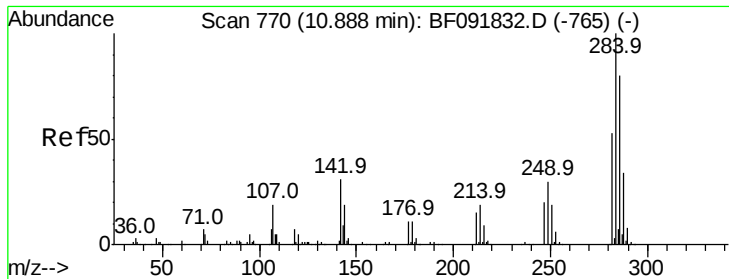


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.56 ng

RT: 10.66 min Scan# 776

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

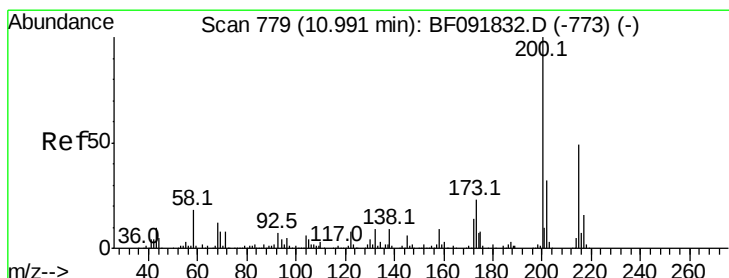
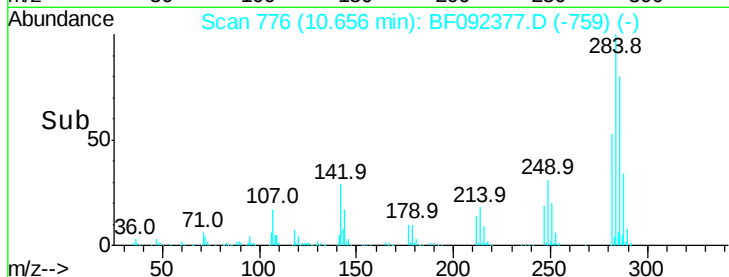
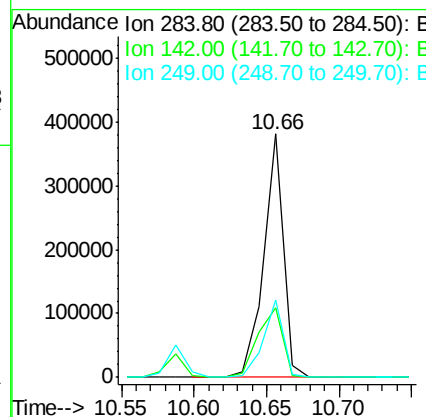
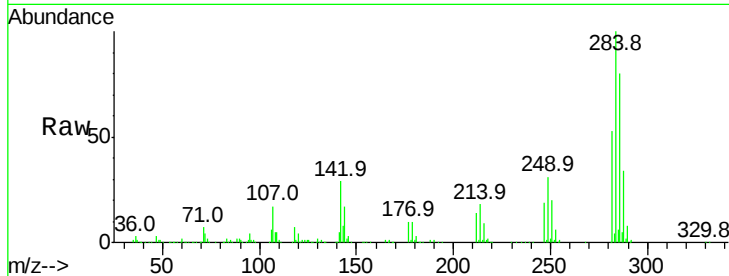
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	284	Resp:	357076
Ion Ratio	Lower	Upper	
284	100		
142	28.8	22.6	33.8
249	31.5	25.4	38.0

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#68

Atrazine

Concen: 58.17 ng

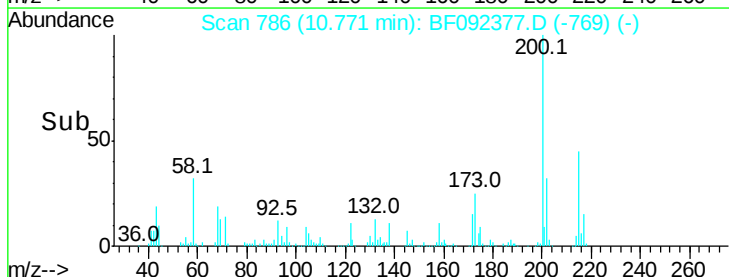
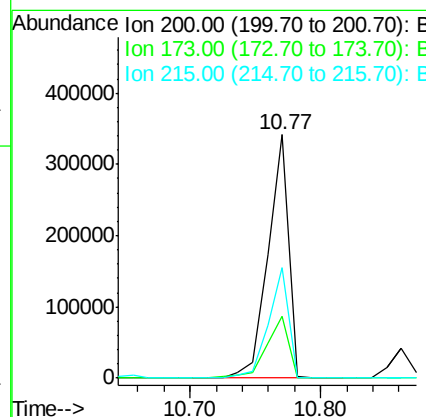
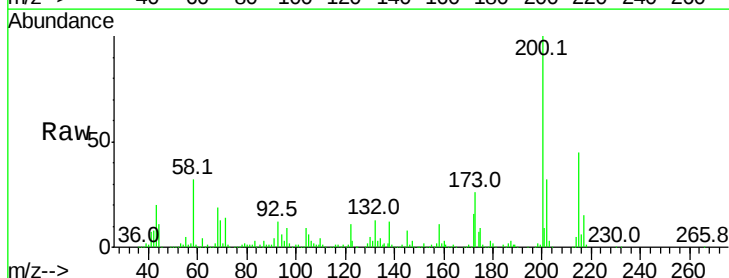
RT: 10.77 min Scan# 786

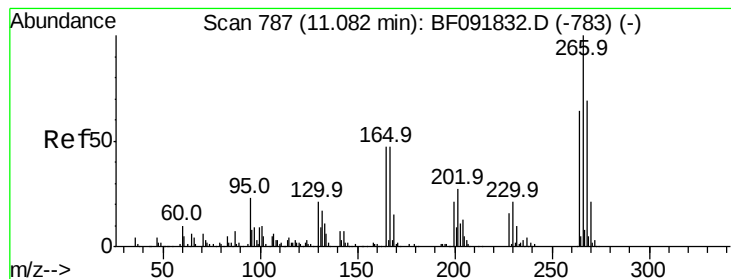
Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	200	Resp:	375974
Ion Ratio	Lower	Upper	
200	100		
173	25.6	9.6	49.6
215	45.4	25.7	65.7





#69

Pentachlorophenol

Concen: 78.85 ng

RT: 10.86 min Scan# 794

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

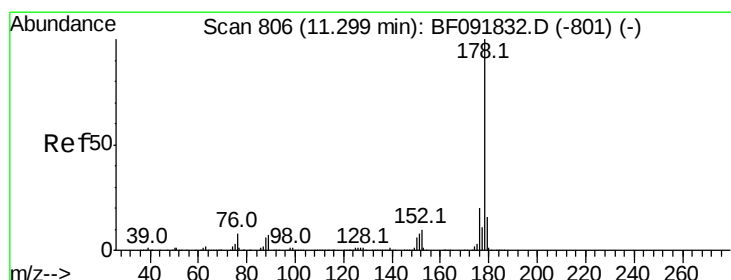
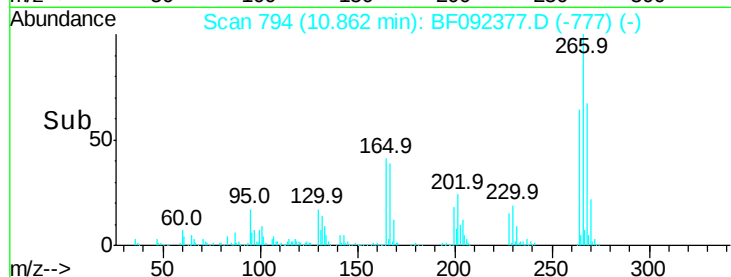
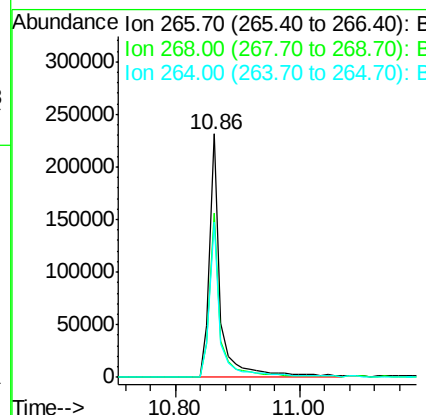
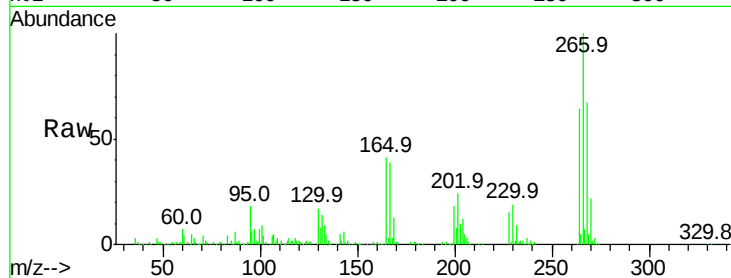
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	266	Resp:	290470
Ion Ratio		Lower	Upper
266	100		
268	67.3	53.3	79.9
264	64.0	50.3	75.5

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#70

Phenanthrene

Concen: 45.14 ng

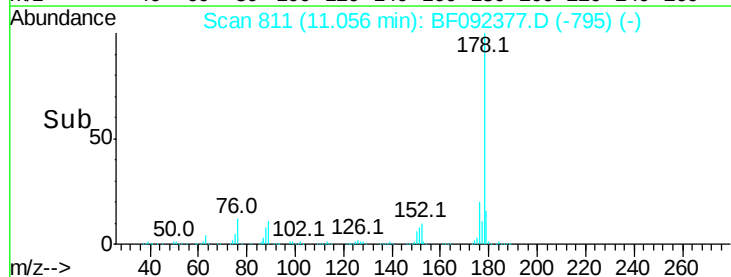
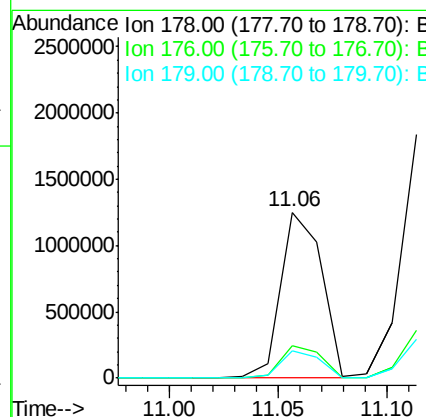
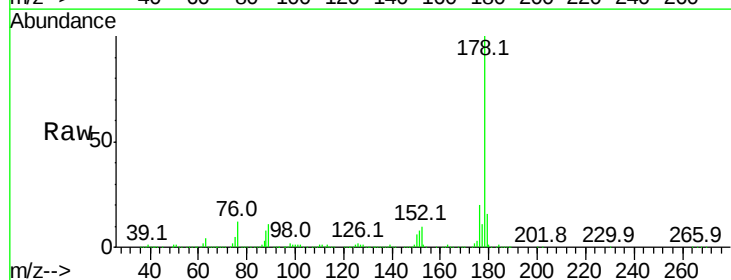
RT: 11.06 min Scan# 811

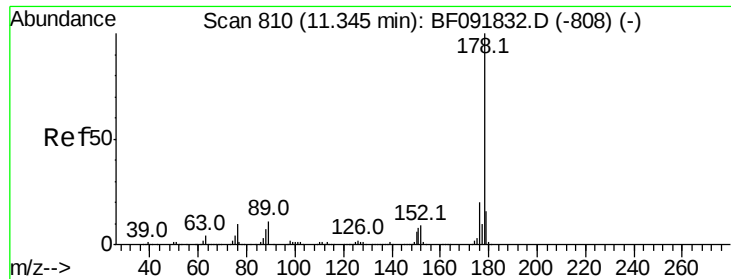
Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:	178	Resp:	1652930
Ion Ratio		Lower	Upper
178	100		
176	19.5	16.6	25.0
179	16.2	12.8	19.2





#71

Anthracene

Concen: 56.16 ng

RT: 11.11 min Scan# 816

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:178 Resp: 1669415

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

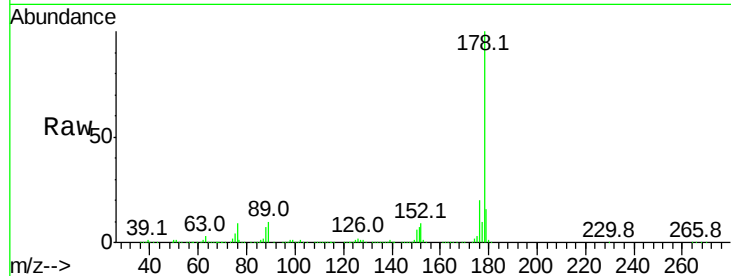
179 16.2 13.2 19.8

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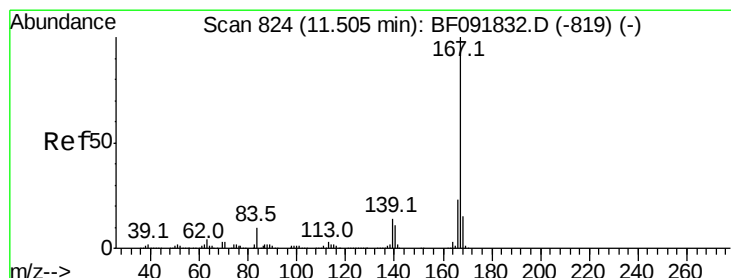
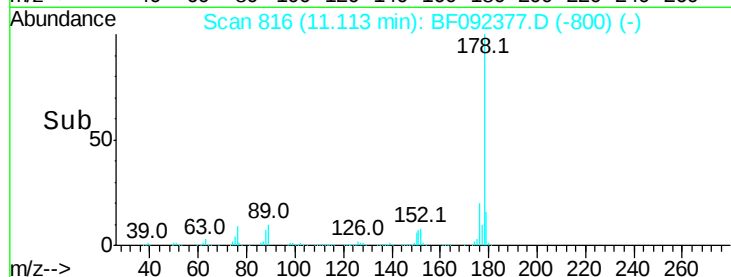
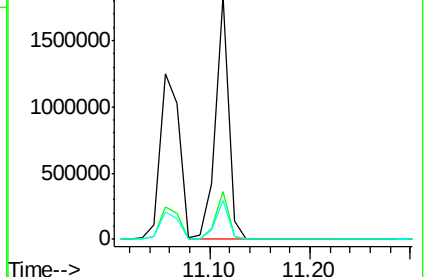
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.34 ng

RT: 11.27 min Scan# 830

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

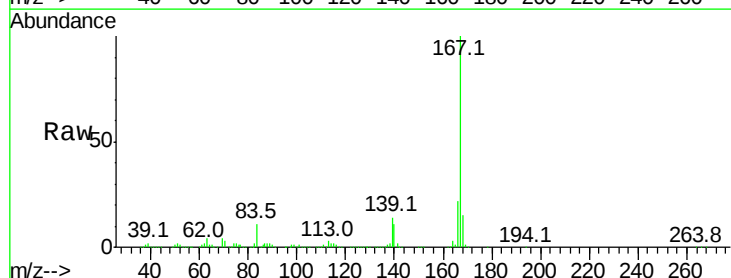
Tgt Ion:167 Resp: 1409386

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

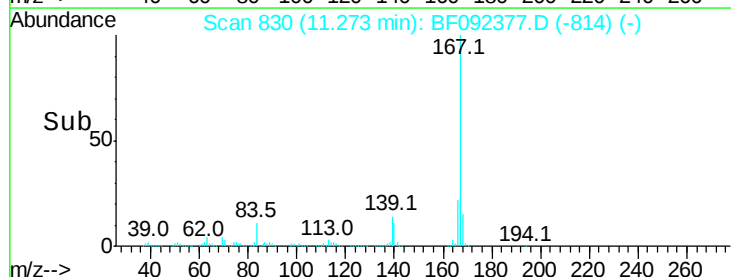
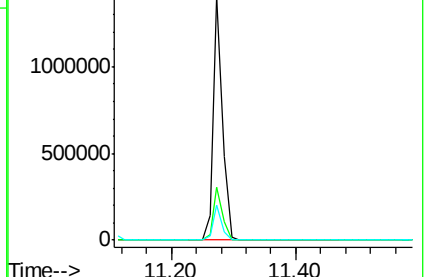
139 14.2 11.4 17.2

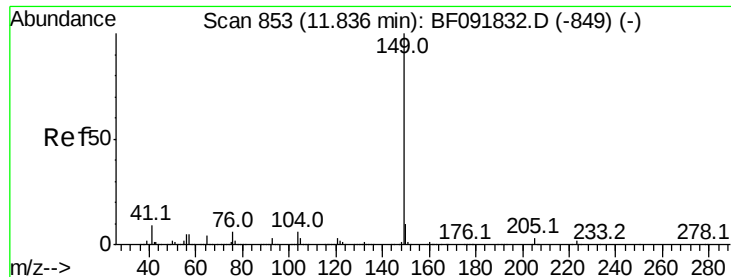


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.39 ng

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:149 Resp: 1888707

Ion Ratio Lower Upper

149 100

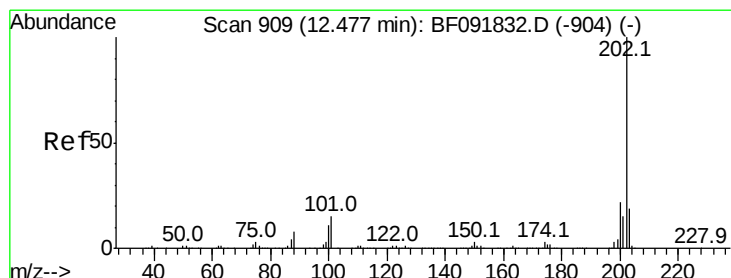
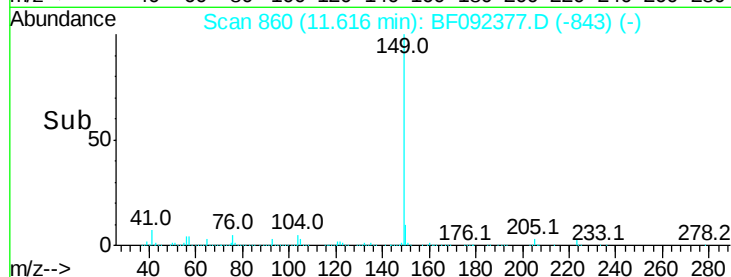
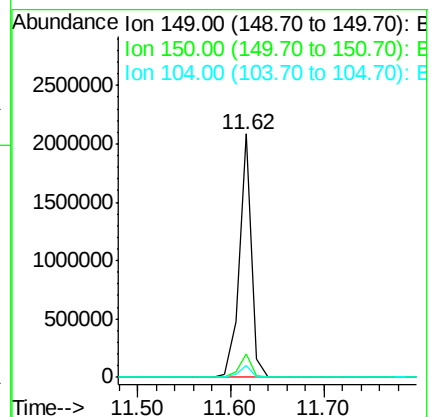
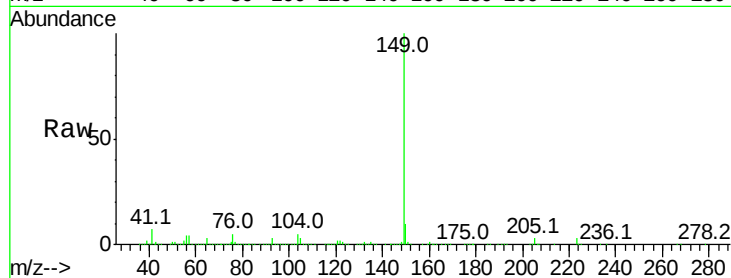
150 9.8 8.1 12.1

104 5.1 4.6 7.0

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#74

Fluoranthene

Concen: 49.14 ng

RT: 12.25 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

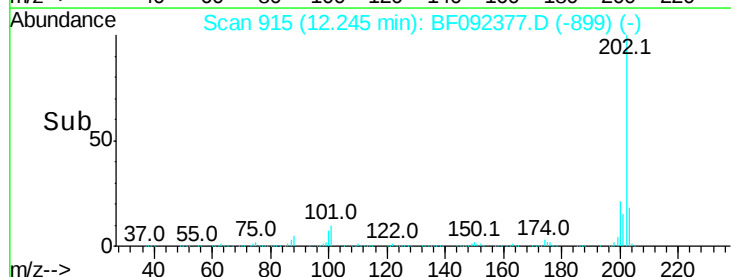
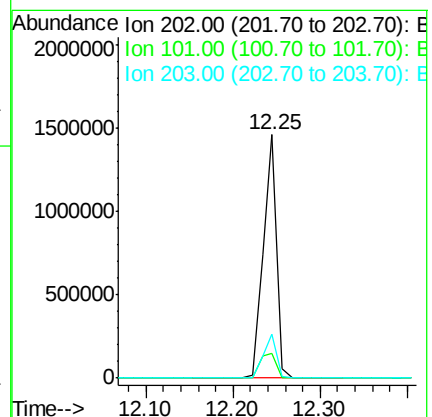
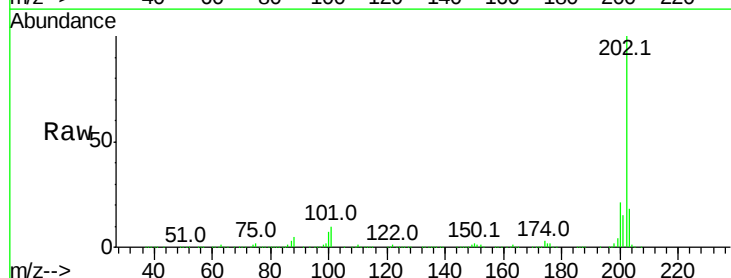
Tgt Ion:202 Resp: 1567353

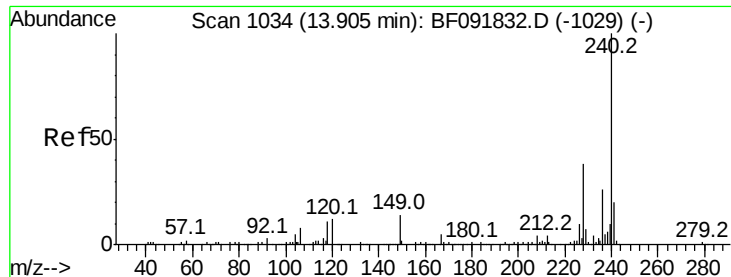
Ion Ratio Lower Upper

202 100

101 10.2 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. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

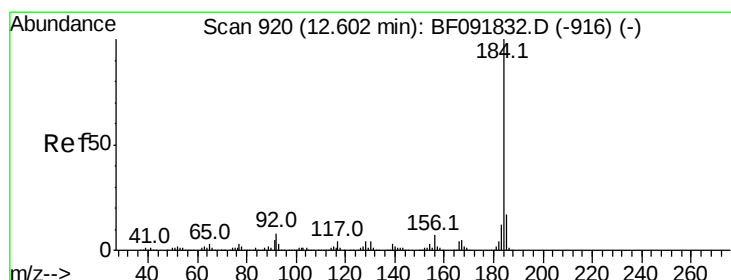
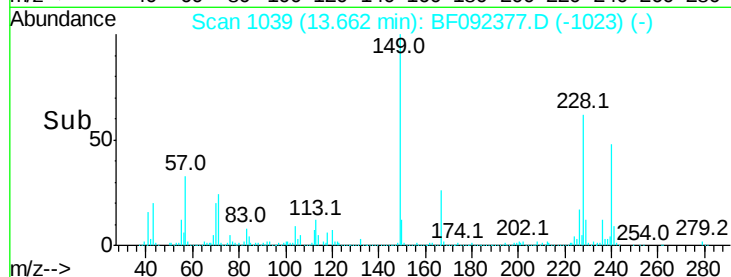
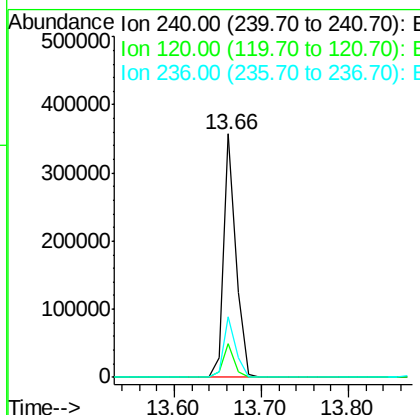
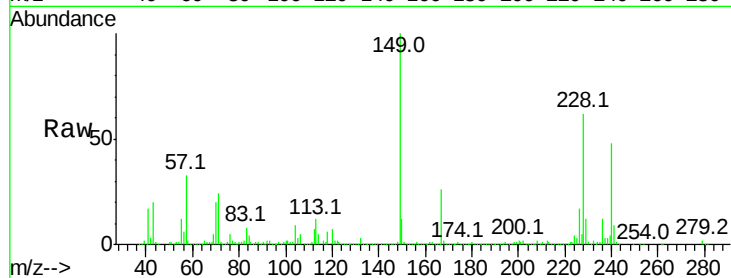
ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	357471		
120	14.0	12.9	19.3	
236	24.9	20.9	31.3	

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#76

Benzidine

Concen: 18.23 ng

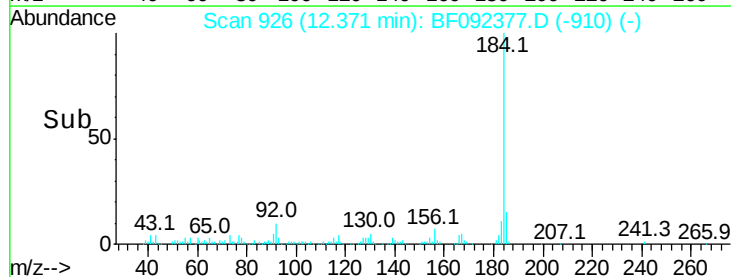
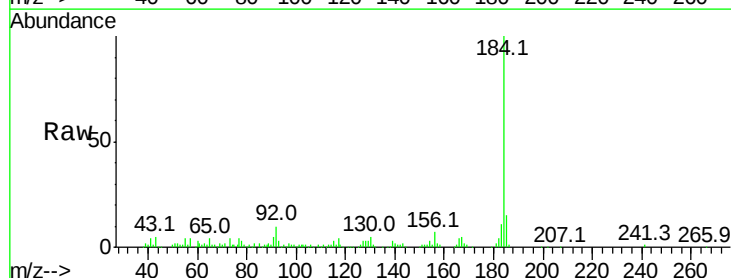
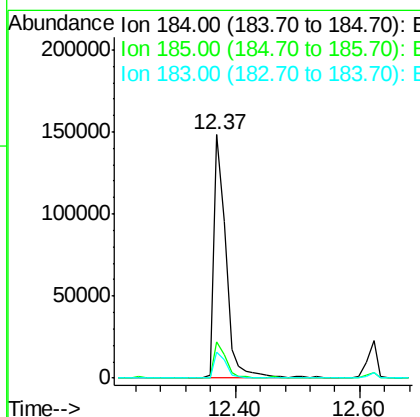
RT: 12.37 min Scan# 926

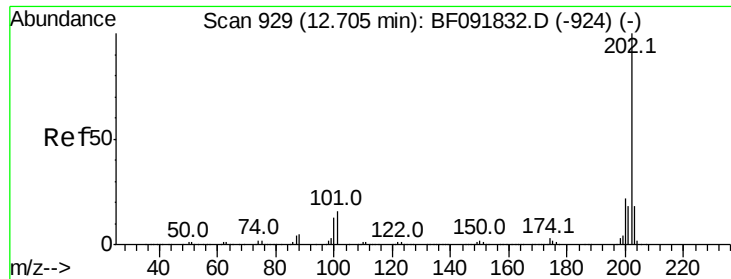
Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	197735		
185	15.1	13.4	20.0	
183	10.7	9.2	13.8	





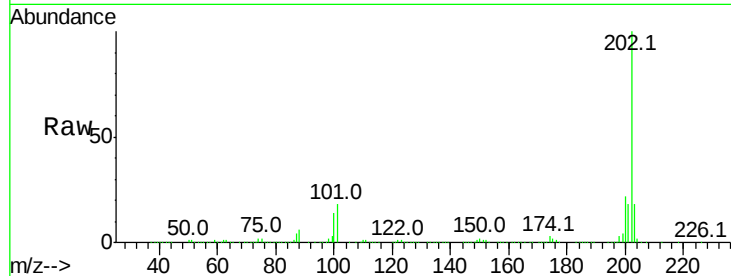
#77
Pvrene
Concen: 54.58 ng
RT: 12.46 min Scan# 934
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

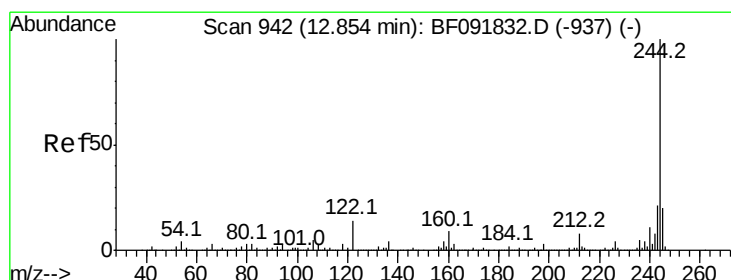
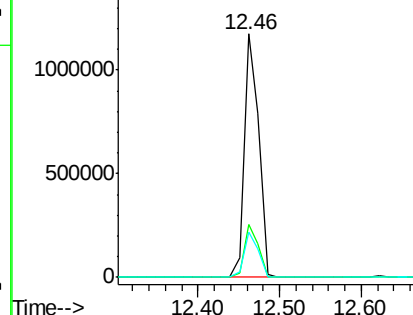
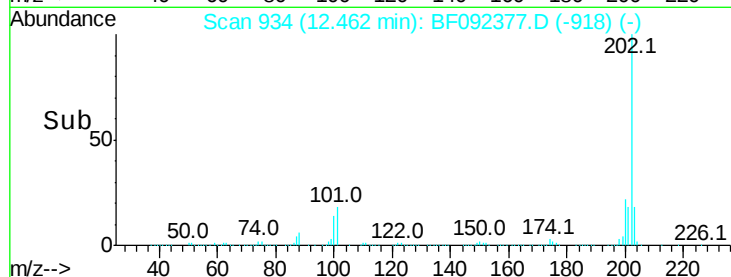
Tot Ion:202 Resp: 1431607
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 18.4 14.7 22.1

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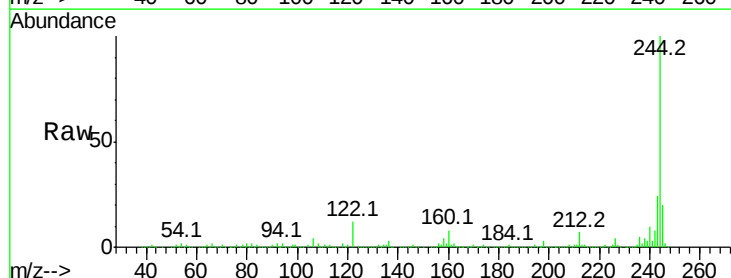


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

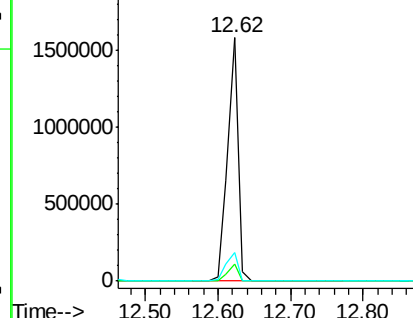
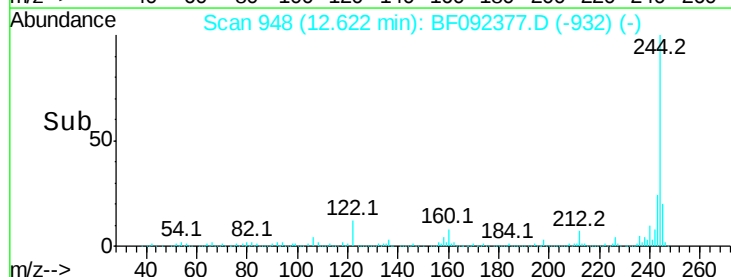


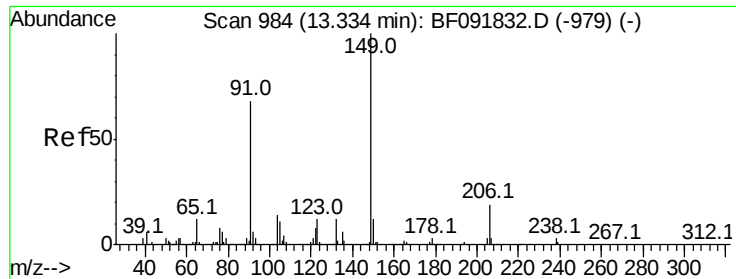
#78
Terphenyl-d14
Concen: 108.98 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion:244 Resp: 1606276
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 11.9 11.4 17.2



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





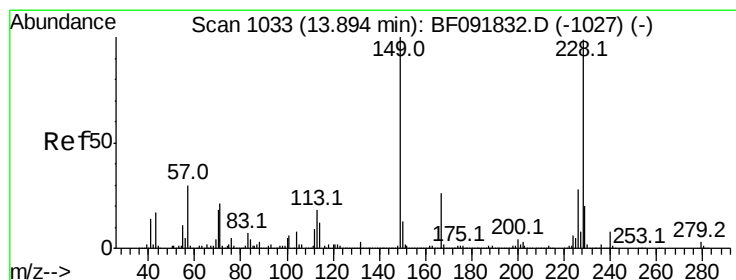
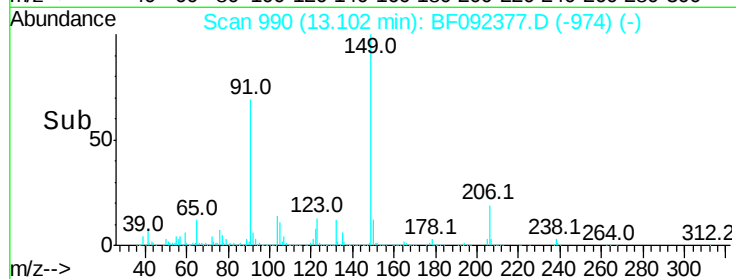
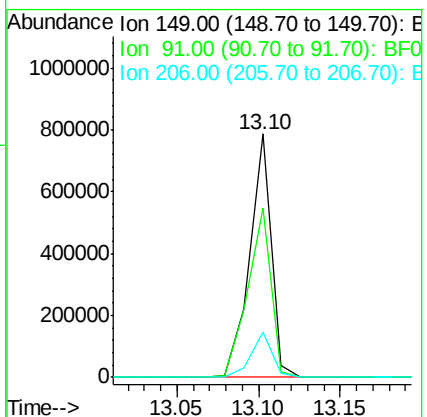
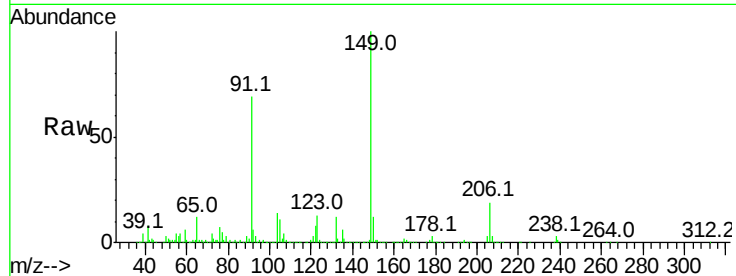
#79
Butylbenzylphthalate
Concen: 60.52 ng
RT: 13.10 min Scan# 990
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	63.9	95.9
206	18.6	14.6	21.8

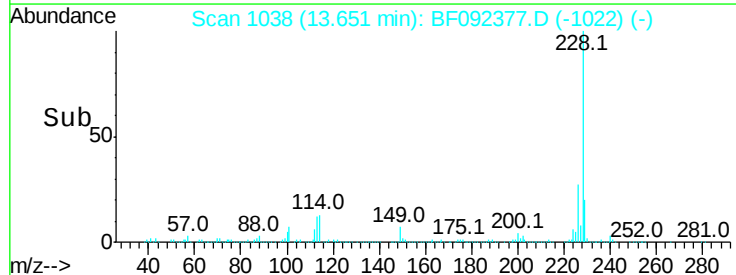
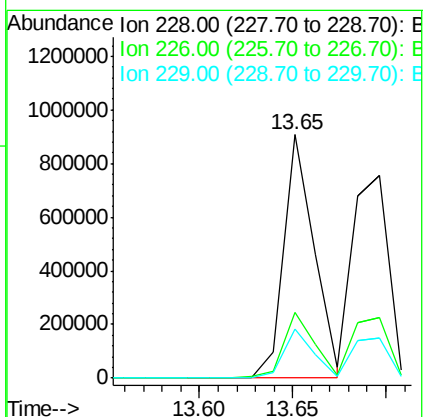
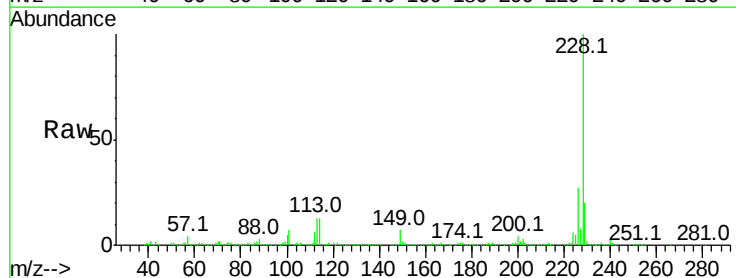
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#80
Benzo(a)anthracene
Concen: 51.21 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.12 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	20.2	16.2	24.4





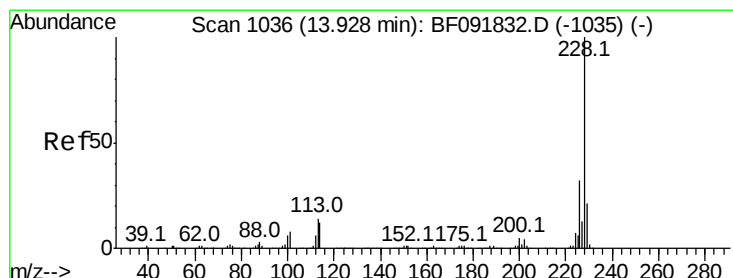
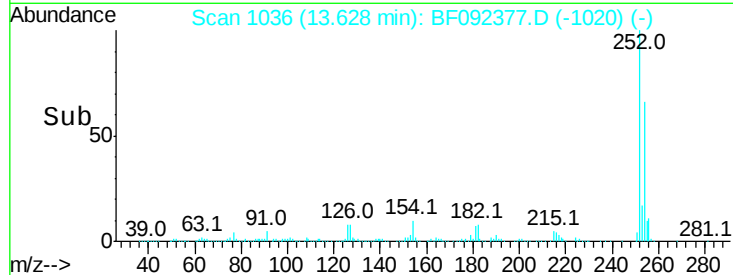
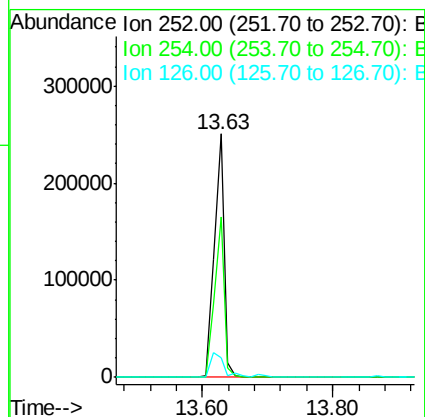
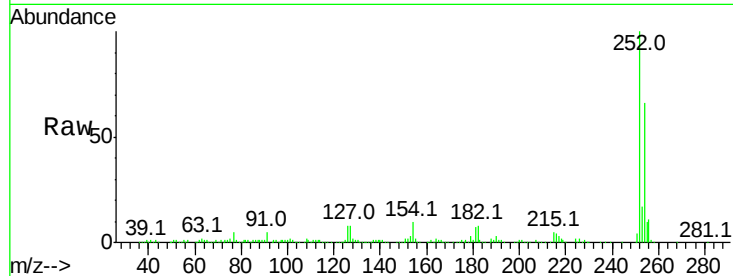
#81
 3,3'-Dichlorobenzidine
 Concen: 35.51 ng
 RT: 13.63 min Scan# 1036
 Delta R.T. -0.12 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.3	78.5
126	8.0	13.6	20.4

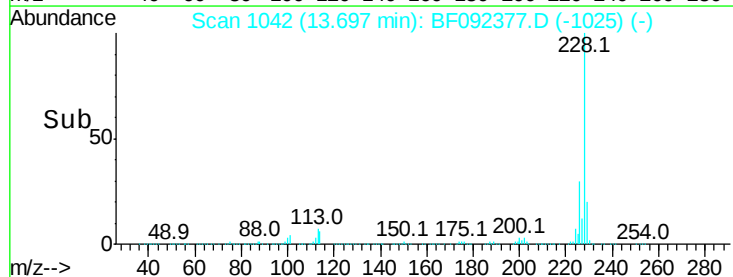
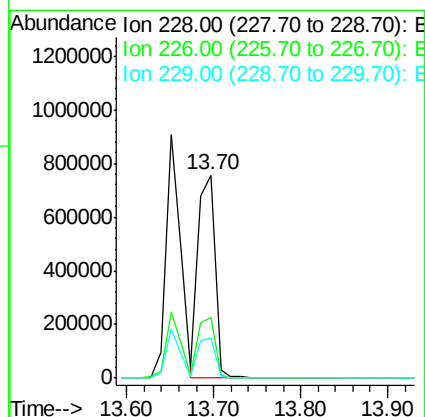
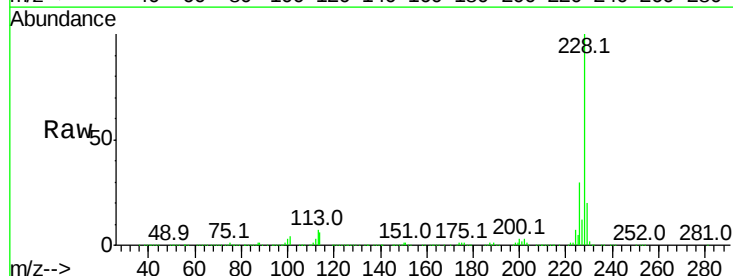
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#82
 Chrysene
 Concen: 50.21 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.0
229	19.5	16.2	24.2





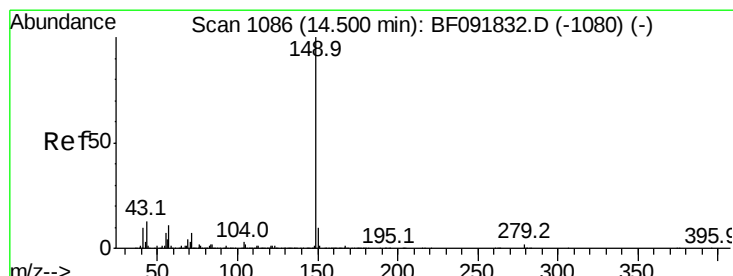
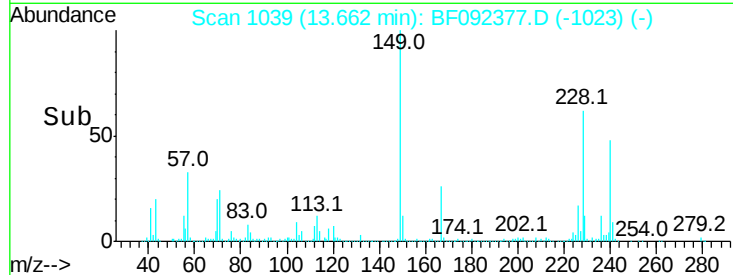
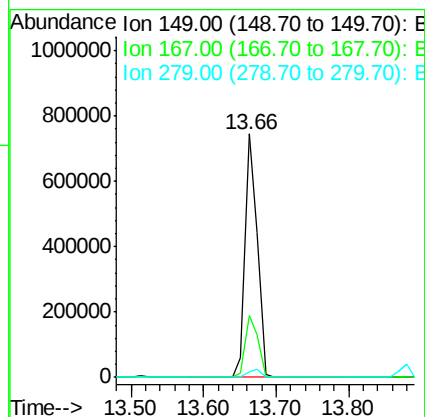
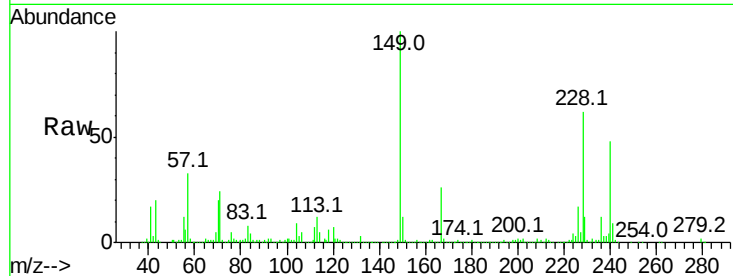
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.90 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.12 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.2	30.4
279	2.2	1.8	2.8

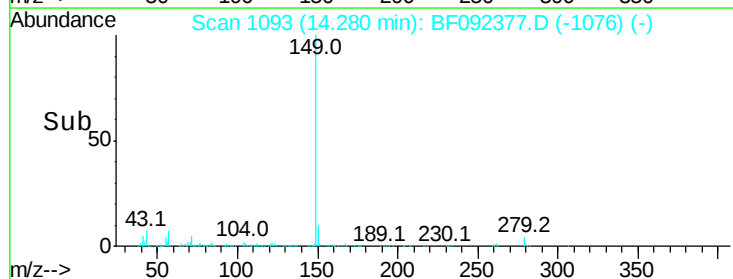
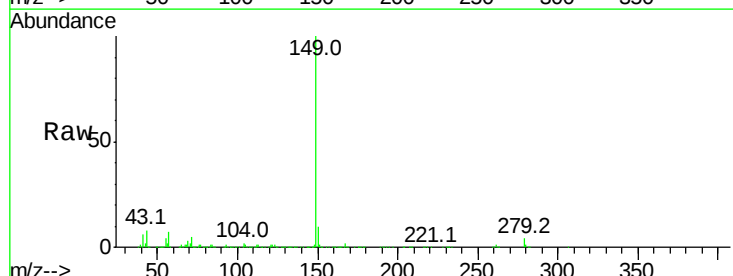
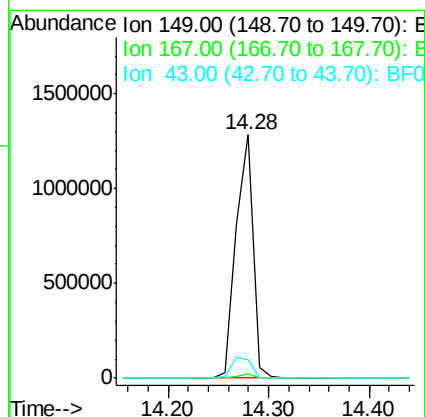
Manual Integrations
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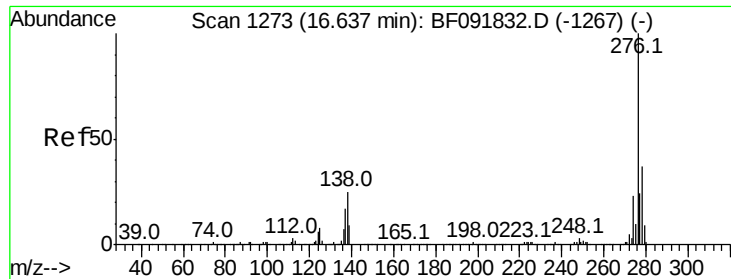
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#84
 Di-n-octyl phthalate
 Concen: 57.81 ng
 RT: 14.28 min Scan# 1093
 Delta R.T. -0.11 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	9.7	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 61.04 ng

RT: 16.23 min Scan# 1264

Delta R.T. -0.19 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:276 Resp: 1070337

Ion Ratio Lower Upper

276 100

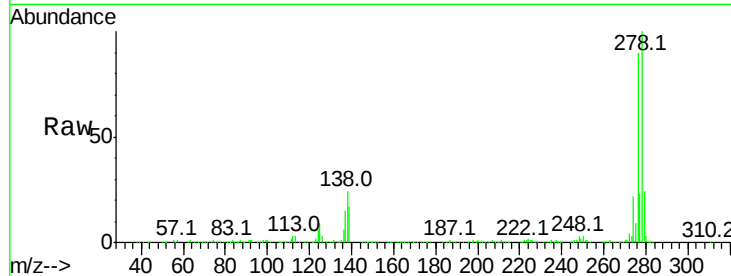
138 27.7 21.8 32.6

277 24.7 20.2 30.4

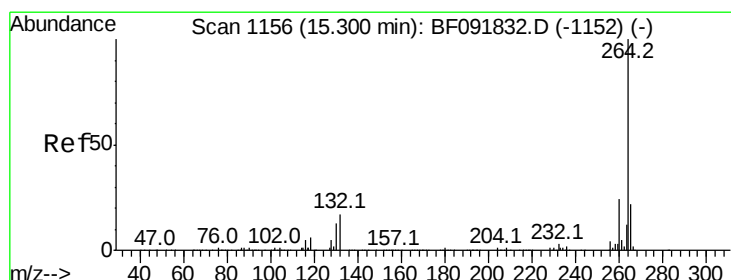
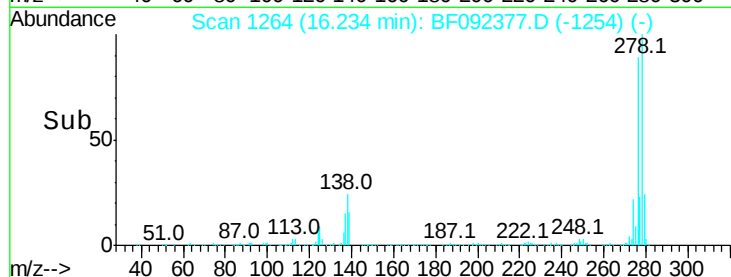
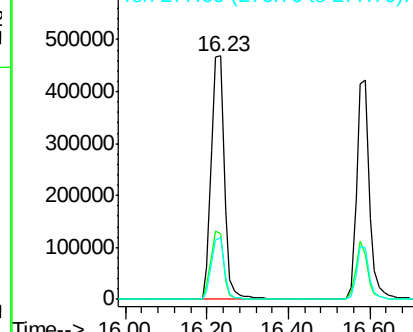
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.01 min Scan# 1157

Delta R.T. -0.13 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Tgt Ion:264 Resp: 391734

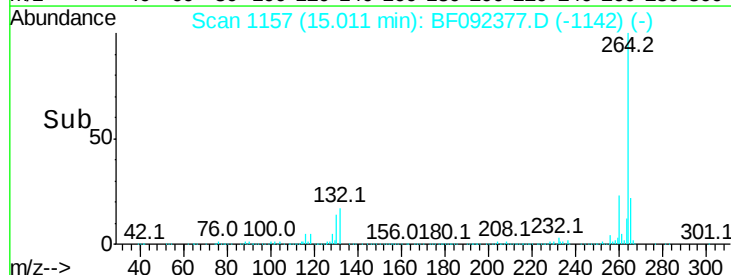
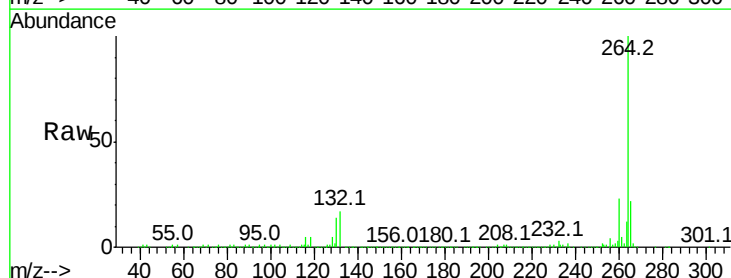
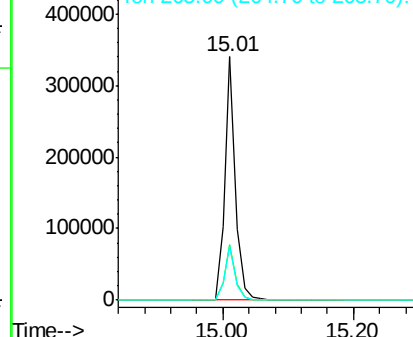
Ion Ratio Lower Upper

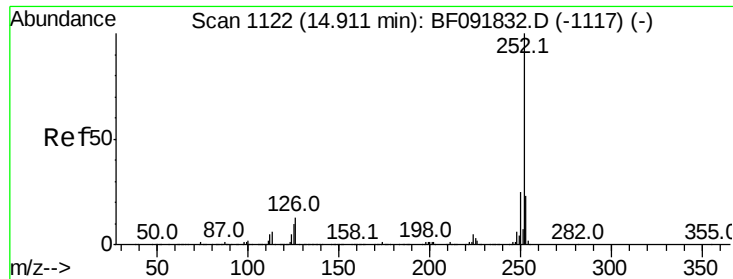
264 100

260 23.0 19.2 28.8

265 22.1 17.4 26.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.36 ng m

RT: 14.66 min Scan# 1126

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:252 Resp: 1057572

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

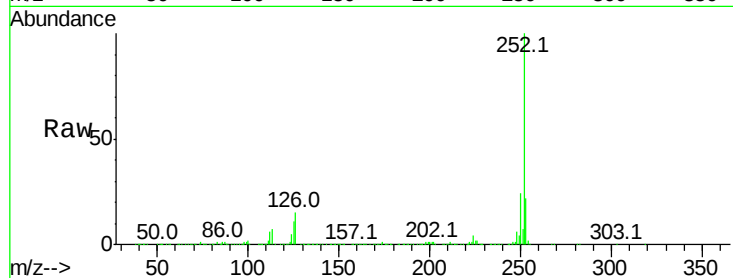
125 11.1 9.8 14.6

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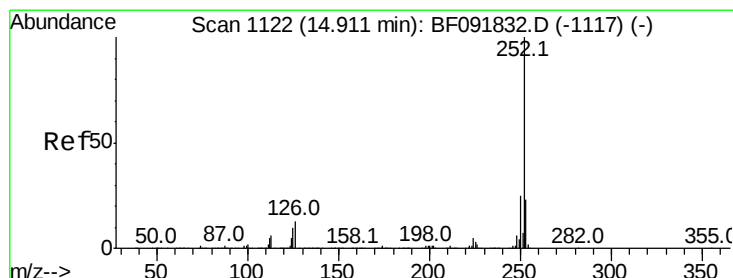
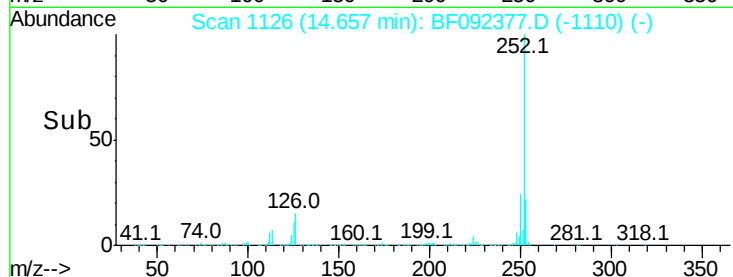
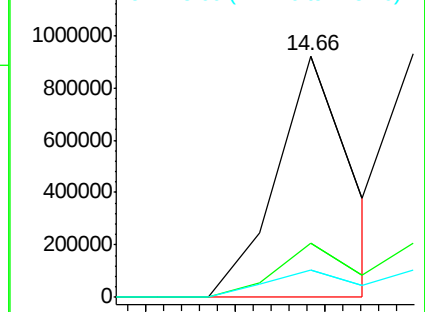
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.05 ng m

RT: 14.68 min Scan# 1128

Delta R.T. -0.12 min

Lab File: BF092377.D

Acq: 20 Jan 2017 17:16

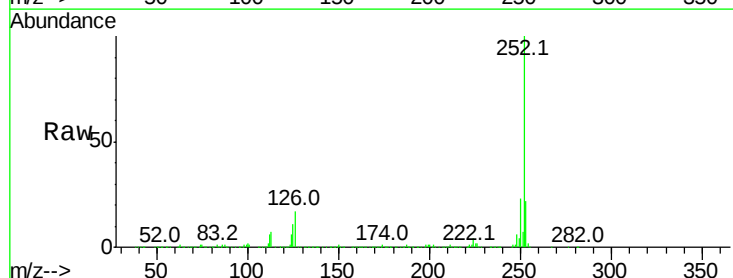
Tgt Ion:252 Resp: 874607

Ion Ratio Lower Upper

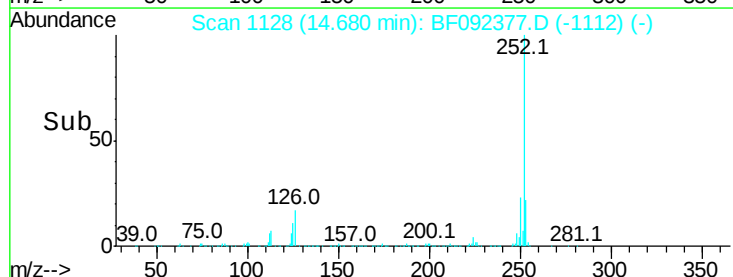
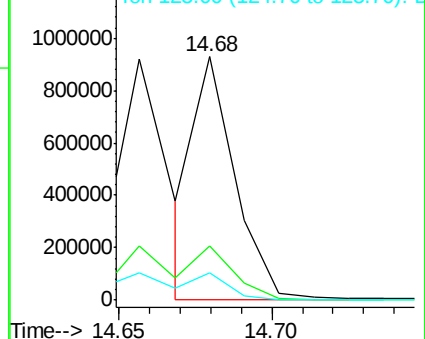
252 100

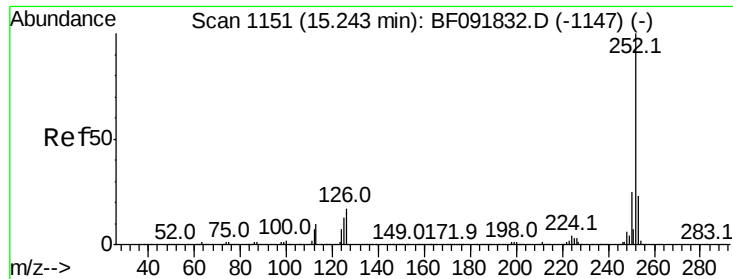
253 22.4 18.5 27.7

125 11.4 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





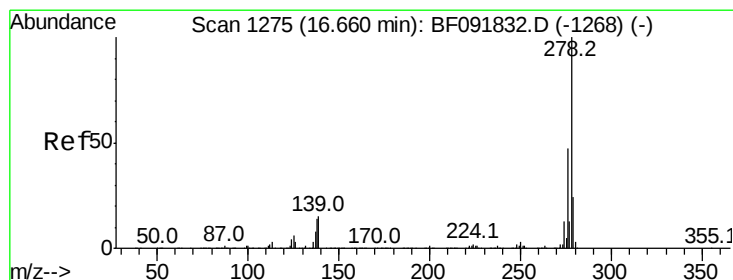
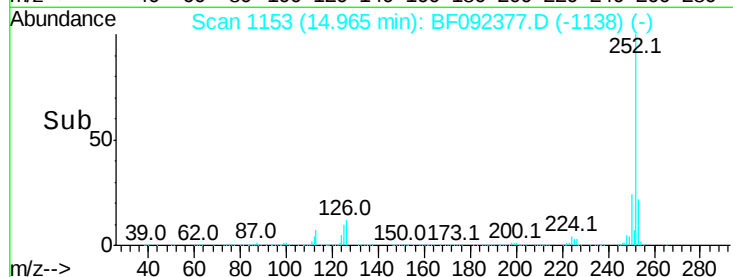
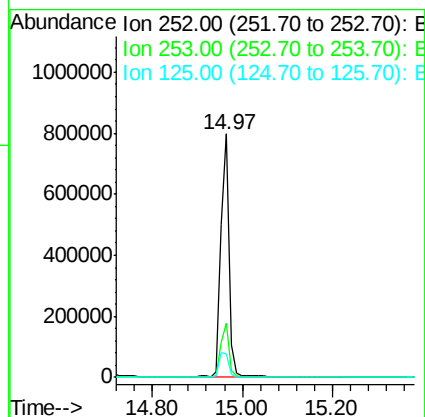
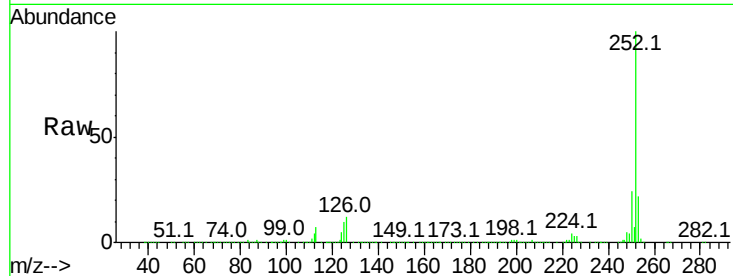
#89
Benzo(a)pyrene
Concen: 46.65 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.13 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.6	10.0	15.0

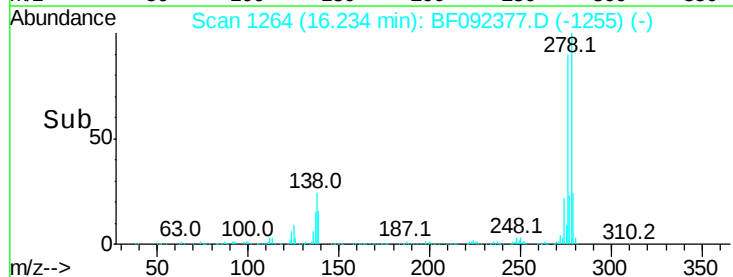
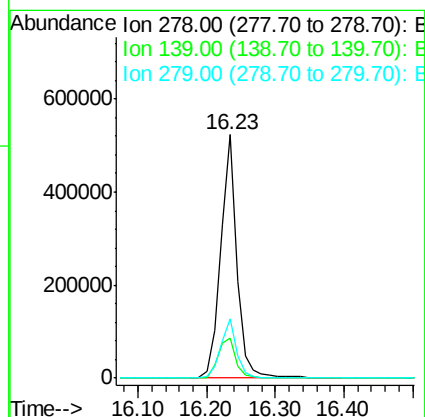
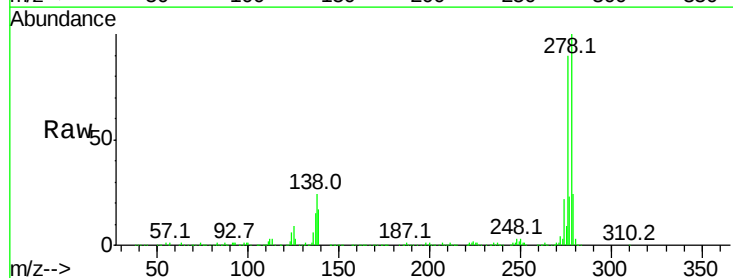
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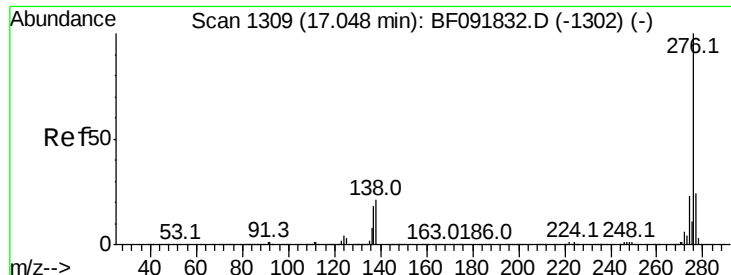
mohammad
1/23/2017 2:44:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.41 ng
RT: 16.23 min Scan# 1264
Delta R.T. -0.20 min
Lab File: BF092377.D
Acq: 20 Jan 2017 17:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.85 ng
 RT: 16.59 min Scan# 1295
 Delta R.T. -0.21 min
 Lab File: BF092377.D
 Acq: 20 Jan 2017 17:16

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	20.4	16.0	24.0

Manual Integrations
 APPROVED

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