

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095164.D
 Acq On : 16 May 2017 19:25
 Operator : SJ/MA
 Sample : I3139-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Manual Integrations
 APPROVED

mohammad
 5/17/2017 5:49:00 PM

Quant Time: May 17 07:26:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	97502	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	413373	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	164399	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	339196	20.00	ng	0.05
75) Chrysene-d12	18.69	240	237191	20.00	ng	0.04
86) Perylene-d12	20.37	264	170949	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	933100	159.55	ng	0.08
7) Phenol-d6	7.33	99	1096042	156.20	ng	0.05
23) Nitrobenzene-d5	8.68	82	677104	103.29	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	218145	162.02	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	1264873	110.74	ng	0.04
78) Terphenyl-d14	17.35	244	1091691	101.37	ng	0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	106706	37.20	ng	96
3) Pyridine	3.02	79	301079m	45.29	ng	
4) n-Nitrosodimethylamine	2.94	42	123229m	44.47	ng	
6) Aniline	7.29	93	292243	32.99	ng	95
8) 2-Chlorophenol	7.47	128	350211	52.61	ng	98
9) Benzaldehyde	7.11	77	145917	34.06	ng	95
10) Phenol	7.35	94	384689	52.03	ng	90
11) bis(2-Chloroethyl)ether	7.42	93	301984	49.47	ng	95
12) 1,3-Dichlorobenzene	7.68	146	367059	48.61	ng	98
13) 1,4-Dichlorobenzene	7.81	146	374698	48.93	ng	97
14) 1,2-Dichlorobenzene	8.04	146	354793	49.64	ng	96
15) Benzyl Alcohol	8.07	79	281530	62.38	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	411268	47.60	ng	89
17) 2-Methylphenol	8.27	107	278798	51.18	ng	# 93
18) Hexachloroethane	8.55	117	124912	48.15	ng	# 85
19) n-Nitroso-di-n-propylamine	8.49	70	256858	54.12	ng	93
20) 3+4-Methylphenols	8.53	107	383361	51.79	ng	# 61
22) Acetophenone	8.45	105	508302	51.25	ng	# 83
24) Nitrobenzene	8.71	77	349146	50.81	ng	92
25) Isophorone	9.11	82	632351	54.02	ng	95
26) 2-Nitrophenol	9.21	139	200343	54.03	ng	98
27) 2,4-Dimethylphenol	9.35	122	303918	50.70	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	412425	50.93	ng	98
29) 2,4-Dichlorophenol	9.63	162	301718	53.31	ng	97
30) 1,2,4-Trichlorobenzene	9.72	180	301907	49.79	ng	100
31) Naphthalene	9.82	128	1026326	49.40	ng	100
32) Benzoic acid	9.62	122	67578	20.43	ng	88
33) 4-Chloroaniline	10.00	127	70403	9.09	ng	94
34) Hexachlorobutadiene	10.04	225	147261	46.02	ng	99
35) Caprolactam	10.61	113	84257m	49.57	ng	
36) 4-Chloro-3-methylphenol	10.82	107	329580	54.46	ng	87
37) 2-Methylnaphthalene	10.95	142	716997	52.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	268176	53.04	ng	99
40) Hexachlorocyclopentadiene	11.21	237	185238	86.61	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	204394	60.55	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	192974	53.19	nq	# 92
45) 1,1'-Biphenyl	11.72	154	715627	51.70	nq	97
46) 2-Chloronaphthalene	11.74	162	546223	48.87	nq	95
47) 2-Nitroaniline	11.95	65	147348	48.17	nq	# 77
48) Acenaphthylene	12.40	152	877992	50.15	nq	99
49) Dimethylphthalate	12.27	163	769849	57.04	nq	99
50) 2,6-Dinitrotoluene	12.37	165	147278	53.49	nq	97
51) Acenaphthene	12.68	154	525059	50.22	nq	99
52) 3-Nitroaniline	12.64	138	71573	24.22	nq	88
53) 2,4-Dinitrophenol	12.84	184	120430	79.46	nq	# 69
54) Dibenzofuran	12.97	168	798059	55.16	nq	98
55) 4-Nitrophenol	13.02	139	164779	92.83	nq	# 74
56) 2,4-Dinitrotoluene	13.03	165	199050	56.26	nq	# 89
57) Fluorene	13.52	166	640244	50.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	140109	61.36	nq	# 92
59) Diethylphthalate	13.42	149	640755	49.53	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	278889	50.44	nq	91
61) 4-Nitroaniline	13.64	138	127087	46.84	nq	93
62) Azobenzene	13.80	77	602843	58.00	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	99317	43.68	nq	# 67
65) n-Nitrosodiphenylamine	13.75	169	558245	45.35	nq	99
66) 4-Bromophenyl-phenylether	14.33	248	167514	46.74	nq	97
67) Hexachlorobenzene	14.42	284	170051	46.30	nq	# 90
68) Atrazine	14.68	200	181186	52.13	nq	99
69) Pentachlorophenol	14.77	266	145640	87.14	nq	98
70) Phenanthrene	15.07	178	1018998	52.29	nq	99
71) Anthracene	15.15	178	1011504	50.81	nq	98
72) Carbazole	15.43	167	944146	52.12	nq	98
73) Di-n-butylphthalate	15.99	149	1155911	51.17	nq	99
74) Fluoranthene	16.81	202	1058643	52.95	nq	99
76) Benzidine	17.02	184	246408	39.73	nq	# 93
77) Pyrene	17.11	202	1030343	58.08	nq	99
79) Butylbenzylphthalate	18.01	149	456105	55.28	nq	91
80) Benzo(a)anthracene	18.68	228	713524	51.69	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	110814	23.24	nq	# 96
82) Chrysene	18.73	228	662943	49.67	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	654626	55.68	nq	# 99
84) Di-n-octyl phthalate	19.52	149	1006657	52.23	nq	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	561894	51.84	nq	99
87) Benzo(b)fluoranthene	19.96	252	528358	50.02	nq	98
88) Benzo(k)fluoranthene	19.99	252	526422	51.66	nq	# 95
89) Benzo(a)pyrene	20.31	252	488431	50.11	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	443666	55.11	nq	99
91) Benzo(g,h,i)perylene	22.08	276	493127	62.42	nq	97

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

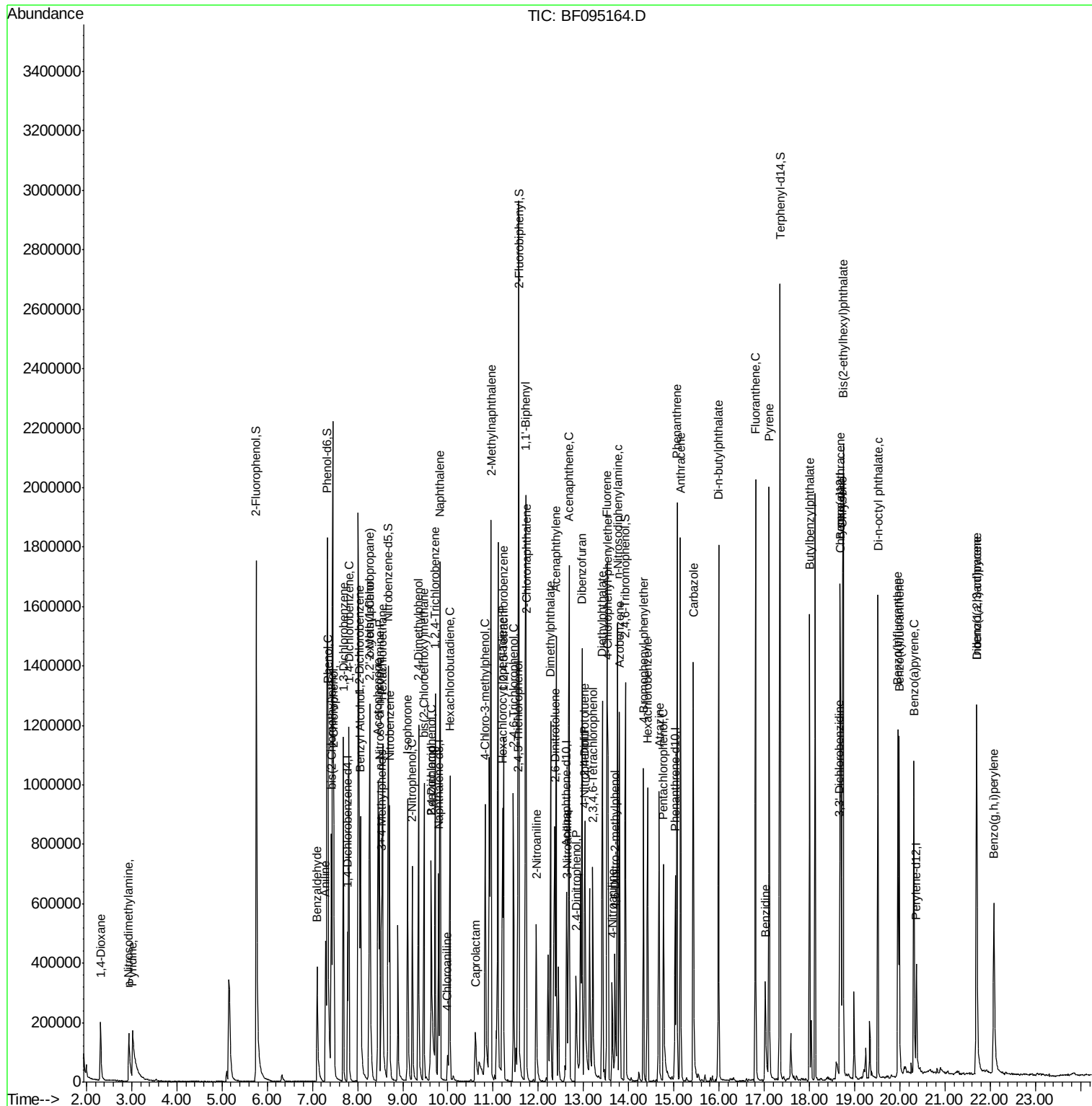
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
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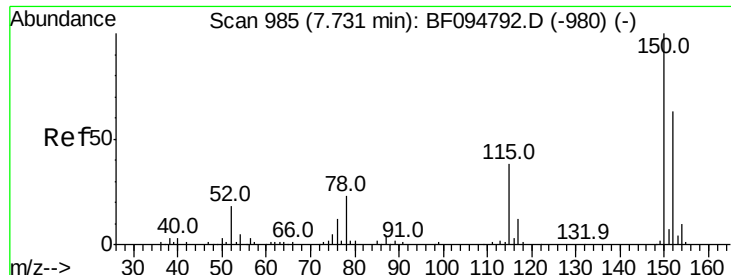
Instrument :
BNA_F
ClientSampleId :
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#1

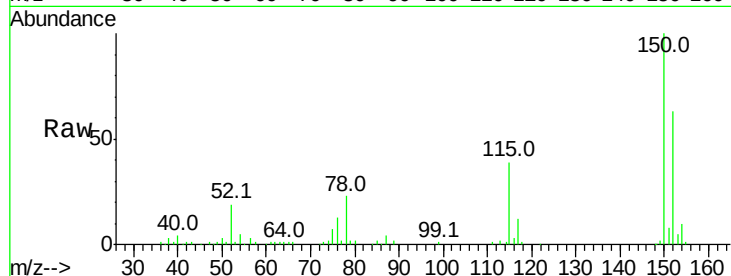
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

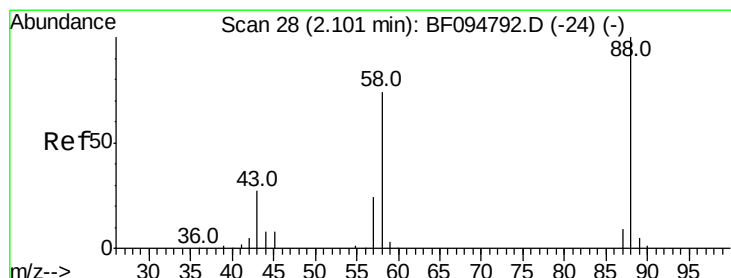
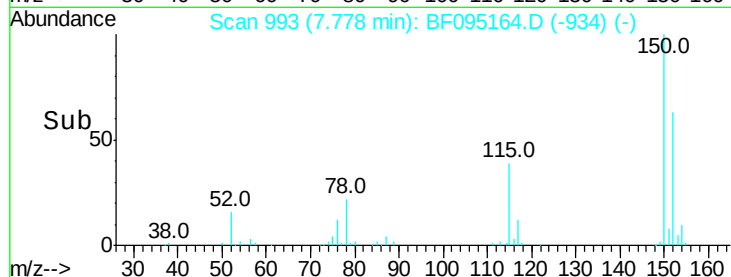
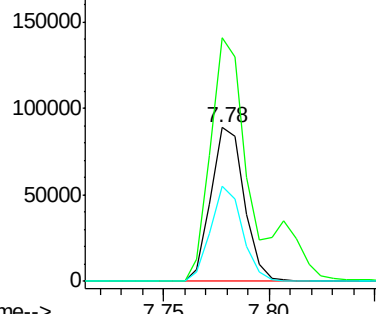
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	62.1	52.2	78.2

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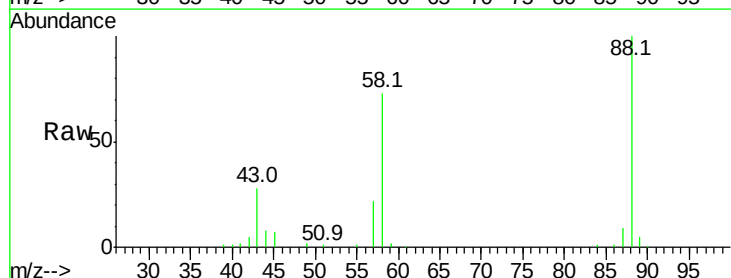
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



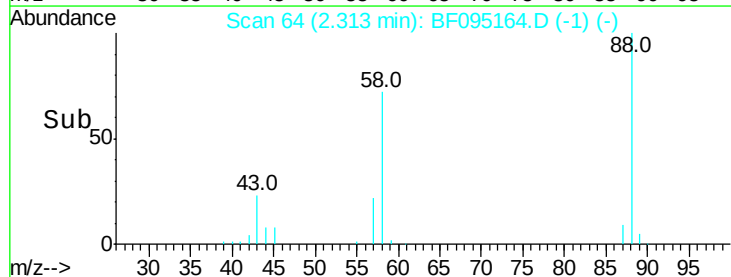
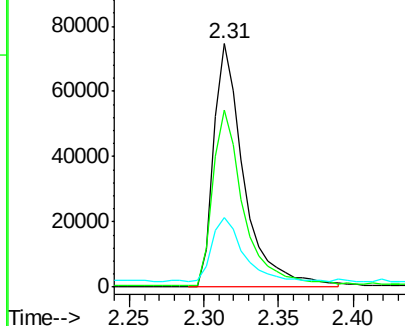
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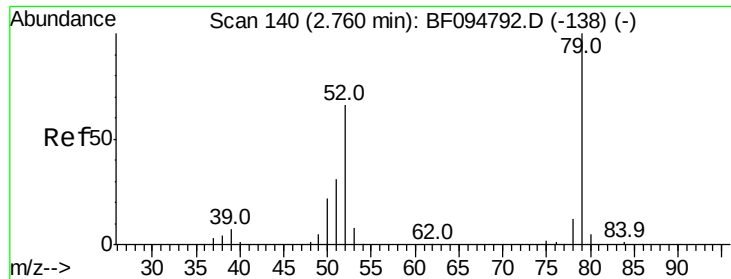
1,4-Dioxane
Concen: 37.20 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.21 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	27.3	23.4	35.0



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





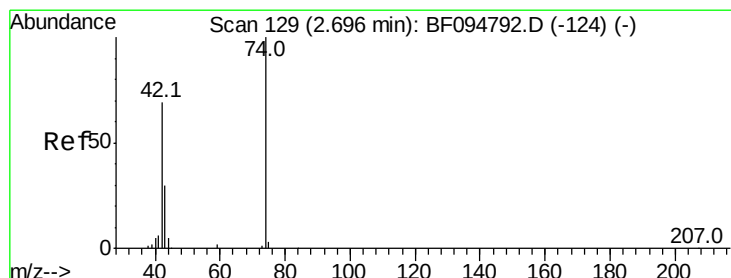
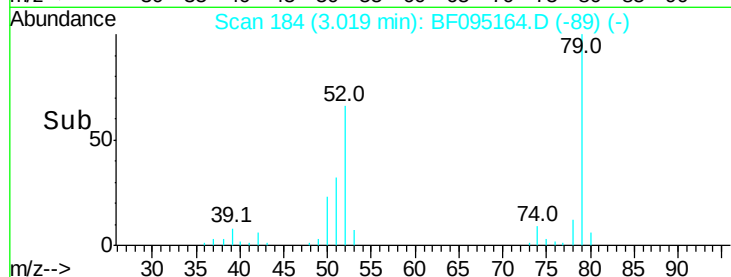
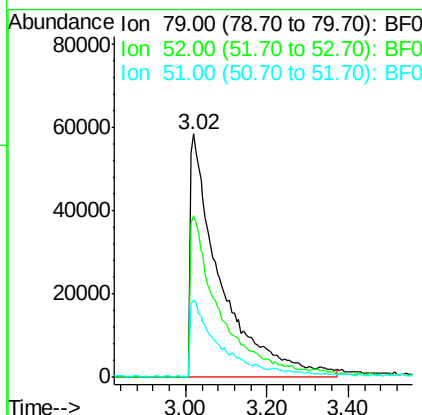
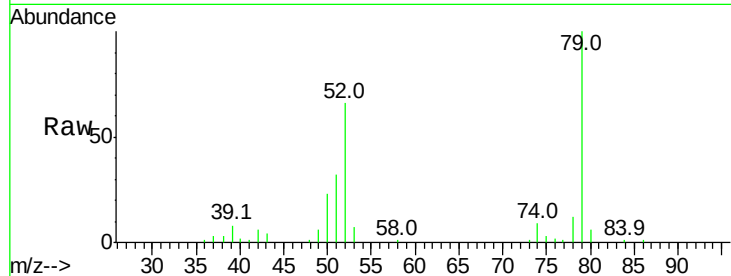
#3
 Pvridine
 Concen: 45.29 ng m
 RT: 3.02 min Scan# 184
 Delta R.T. 0.26 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.3	54.8	82.2
51	31.6	27.0	40.4

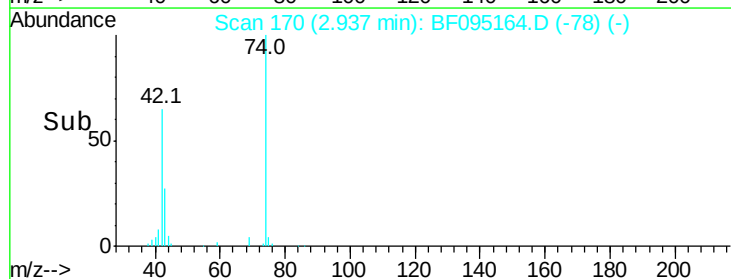
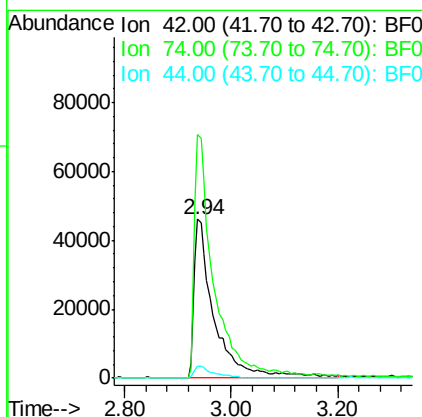
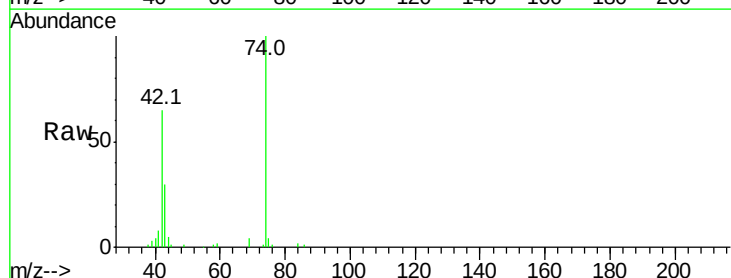
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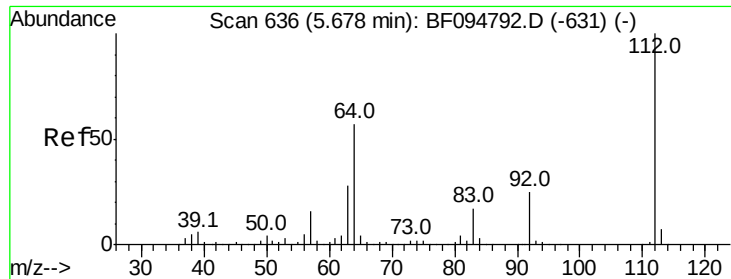
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#4
 n-Nitrosodimethylamine
 Concen: 44.47 ng m
 RT: 2.94 min Scan# 170
 Delta R.T. 0.24 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.4	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 159.55 ng

RT: 5.76 min Scan# 650

Delta R.T. 0.08 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

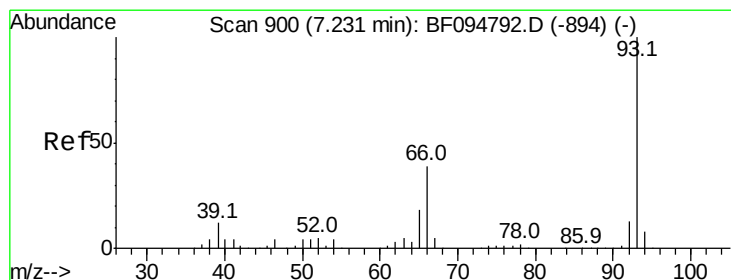
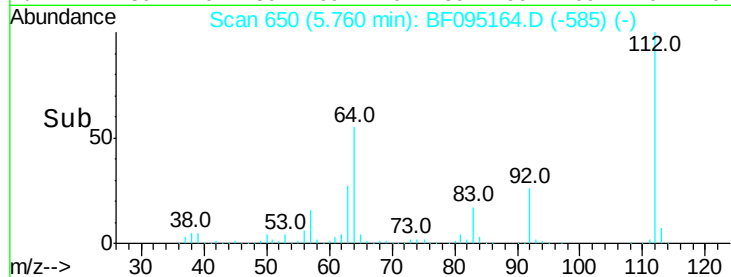
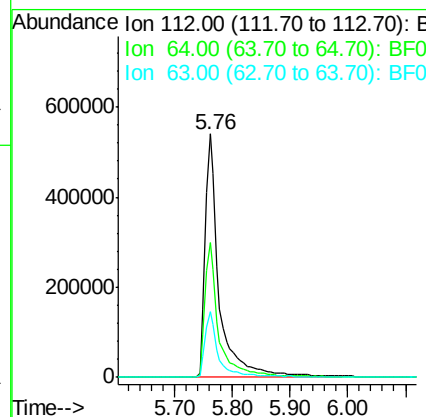
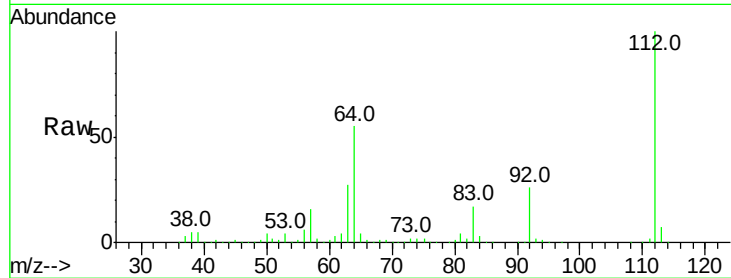
ClientSampleId :

E2-U10-ESWMSD

Tot Ion:	112	Resp:	933100
Ion Ratio	Lower	Upper	
112	100		
64	55.5	46.0	69.0
63	27.2	23.4	35.0

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#6

Aniline

Concen: 32.99 ng

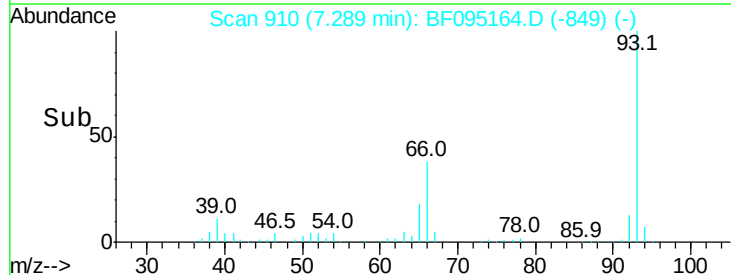
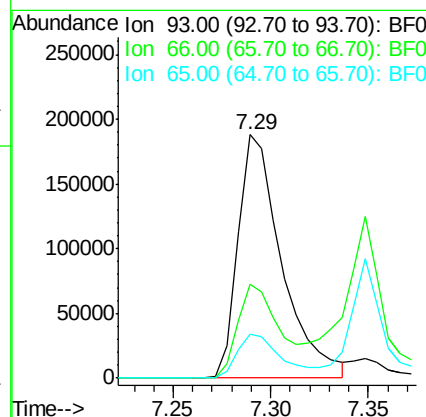
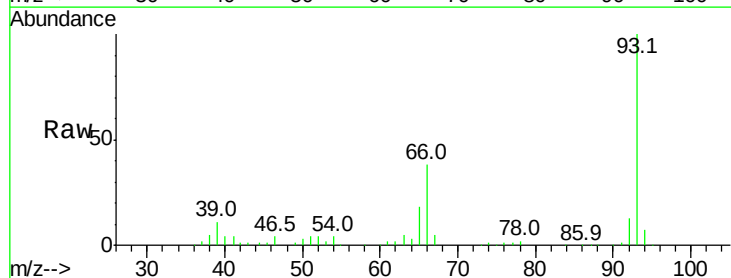
RT: 7.29 min Scan# 910

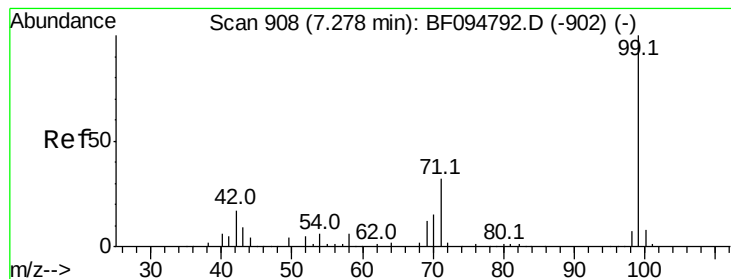
Delta R.T. 0.06 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Tgt Ion:	93	Resp:	292243
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 156.20 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMSD

Tot Ion: 99 Resp: 1096042

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

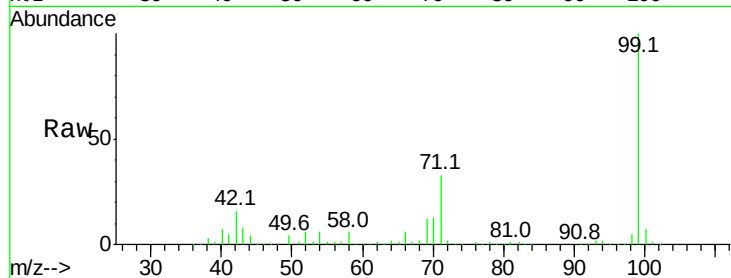
71 32.7 24.5 36.7

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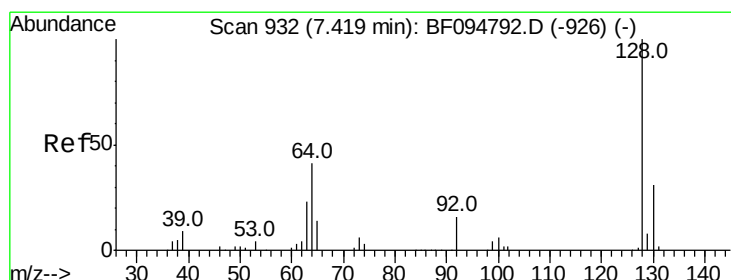
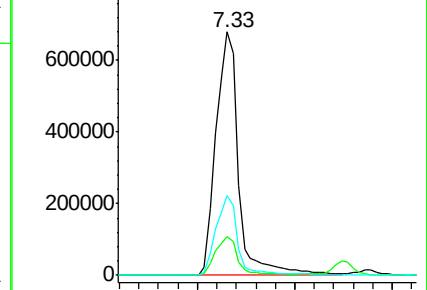
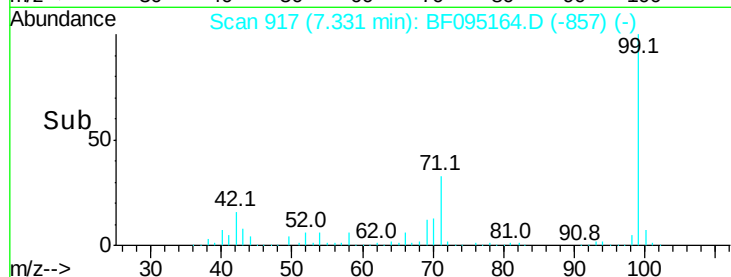
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.61 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

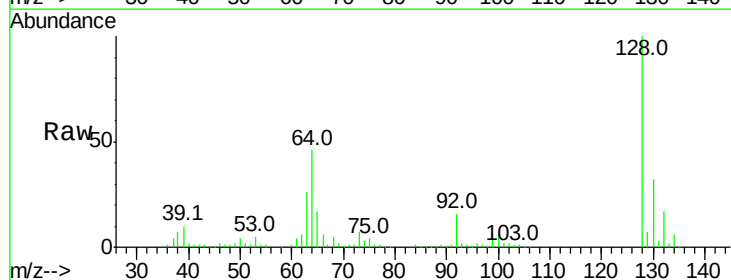
Tgt Ion:128 Resp: 350211

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

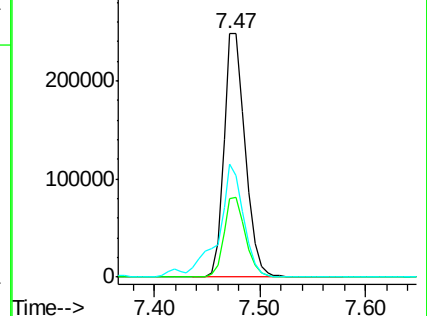
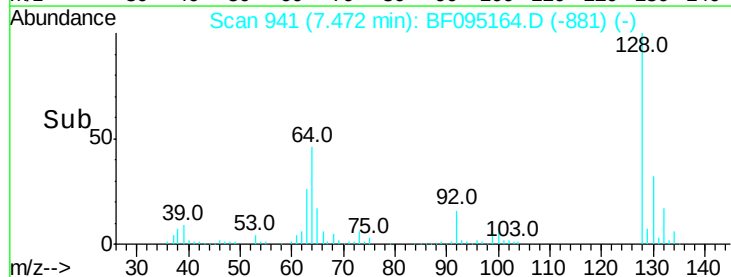
64 46.3 28.4 68.4

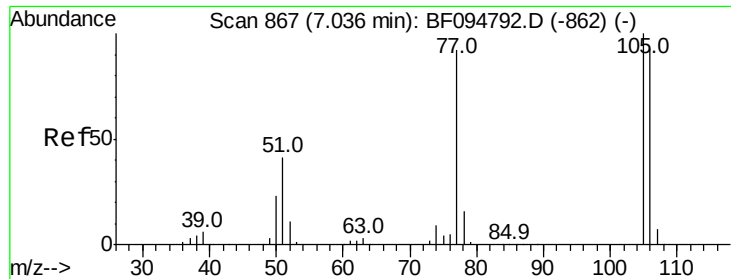


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





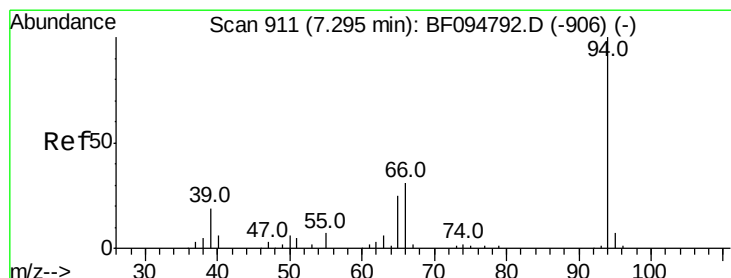
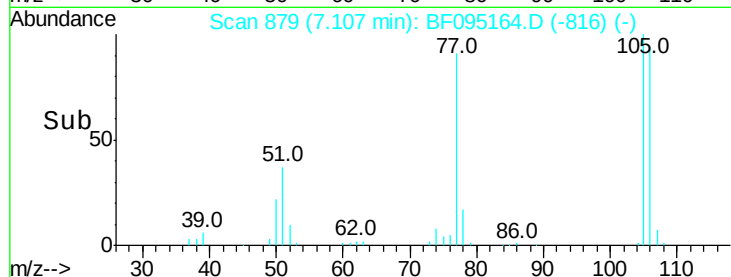
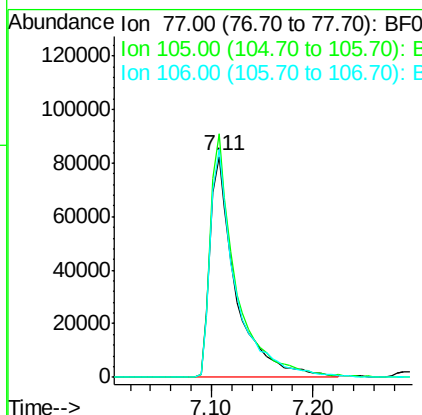
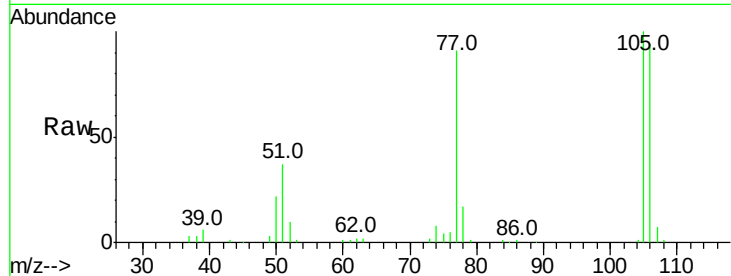
#9
Benzaldehyde
Concen: 34.06 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095164.D
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Instrument :
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E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	110.3	83.8	123.8
106	103.2	79.1	119.1

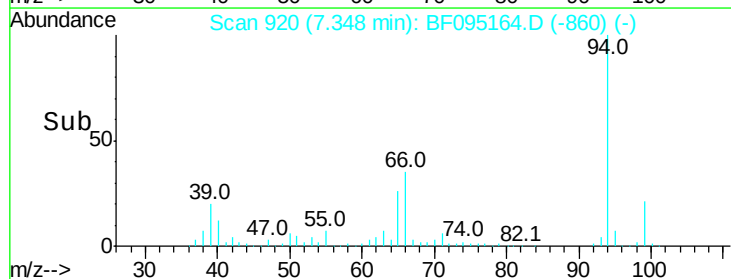
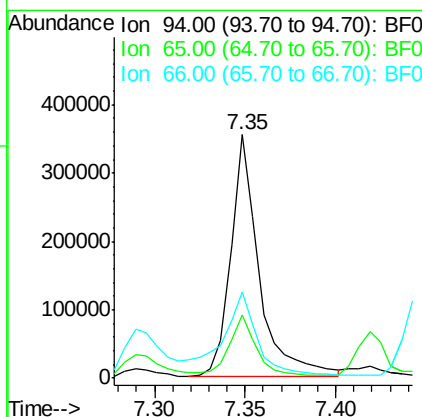
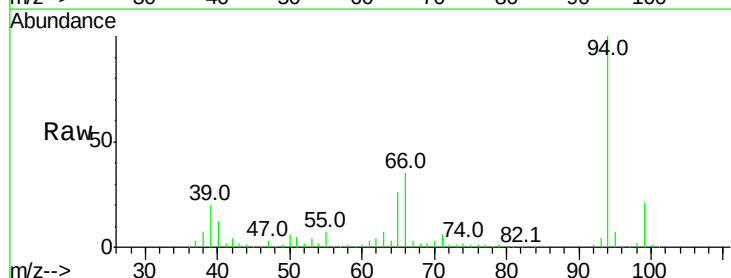
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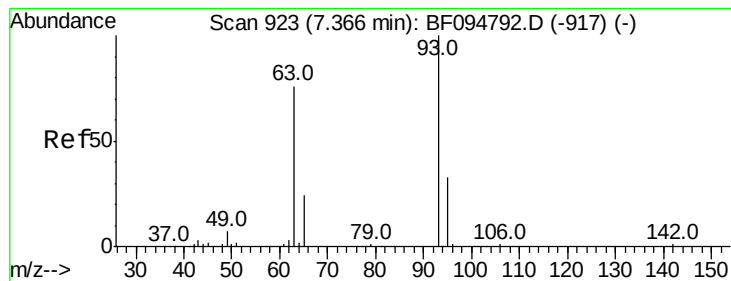
mohammad
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#10
Phenol
Concen: 52.03 ng
RT: 7.35 min Scan# 920
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	35.2	23.1	63.1





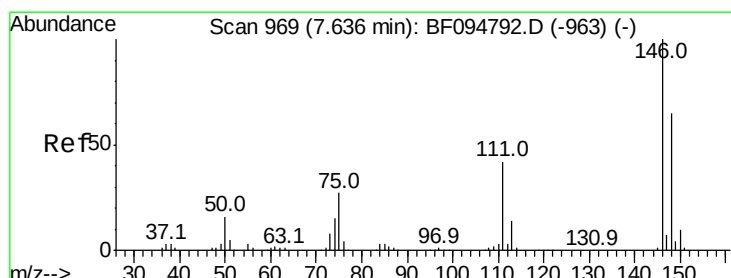
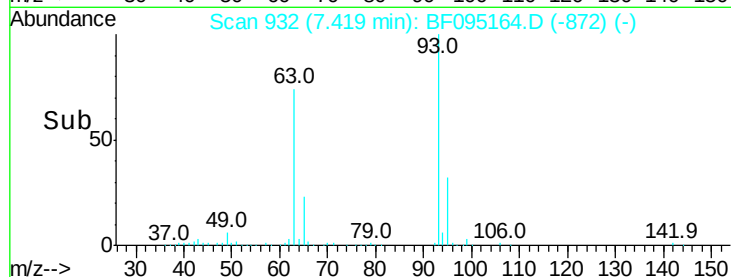
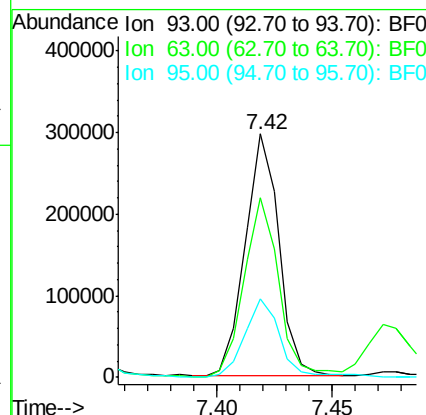
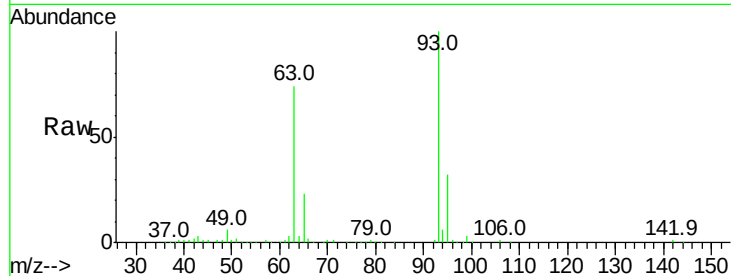
#11
bis(2-Chloroethyl)ether
Concen: 49.47 ng
RT: 7.42 min Scan# 932
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.2	99.2
95	32.1	12.8	52.8

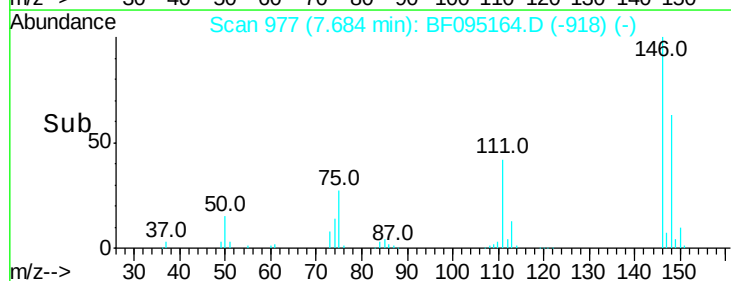
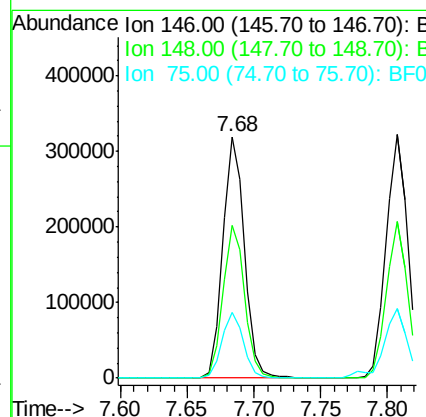
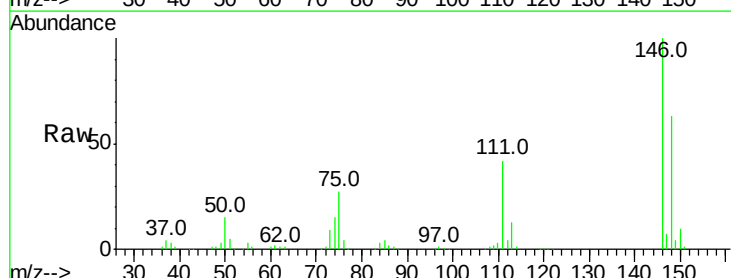
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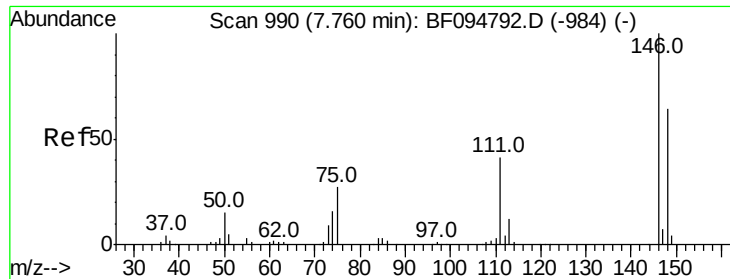
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#12
1,3-Dichlorobenzene
Concen: 48.61 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	27.1	23.1	34.7





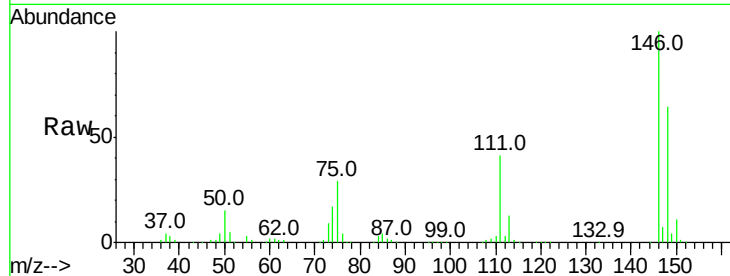
#13
 1,4-Dichlorobenzene
 Concen: 48.93 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

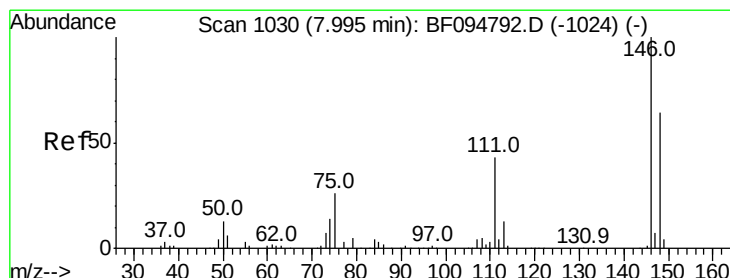
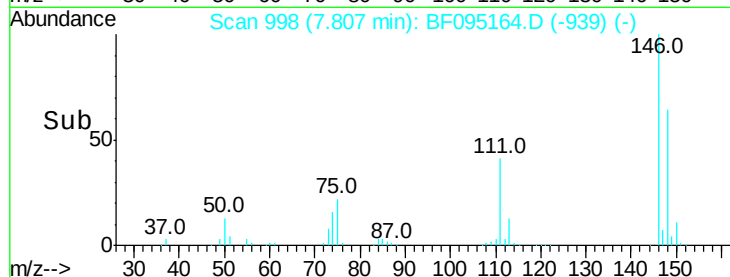
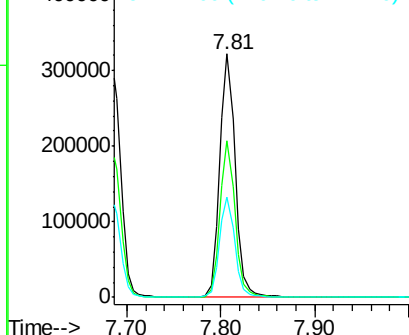
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.0	30.3	45.5

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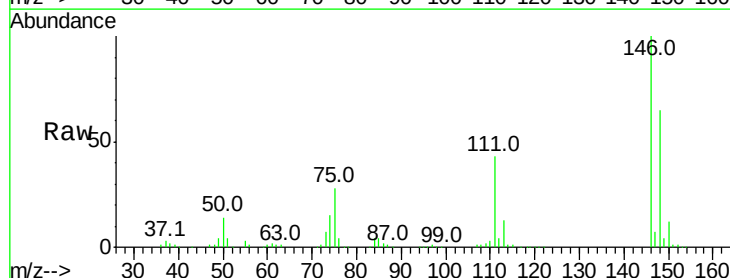


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

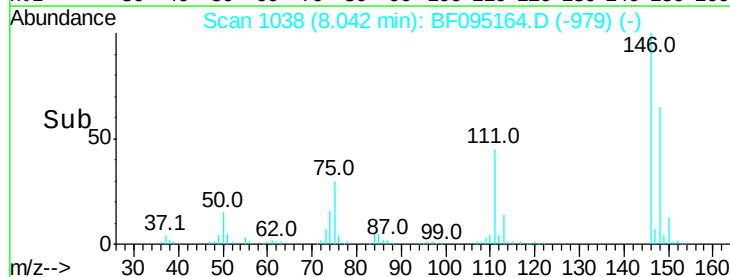
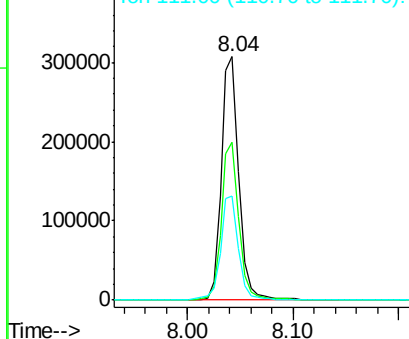


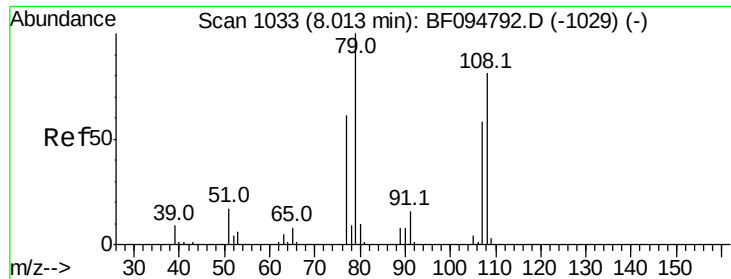
#14
 1,2-Dichlorobenzene
 Concen: 49.64 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	42.7	38.2	57.4



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





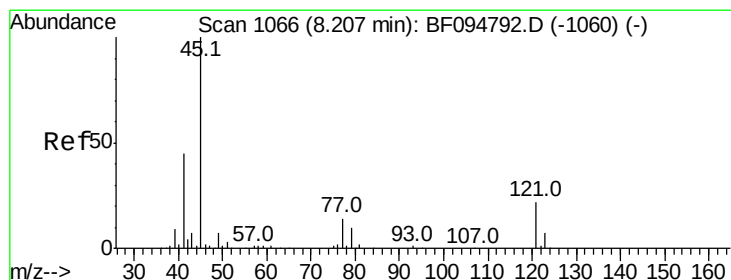
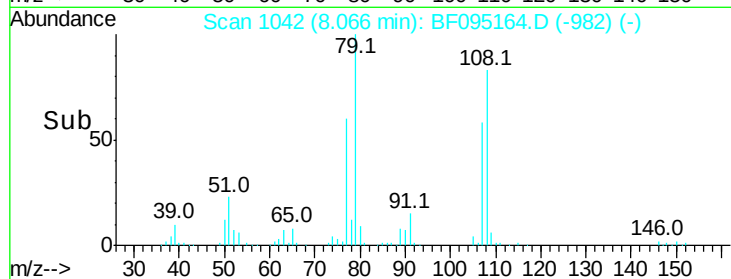
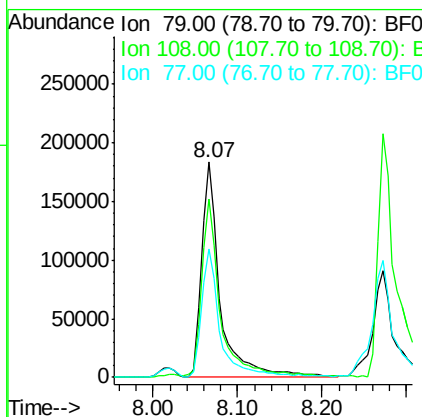
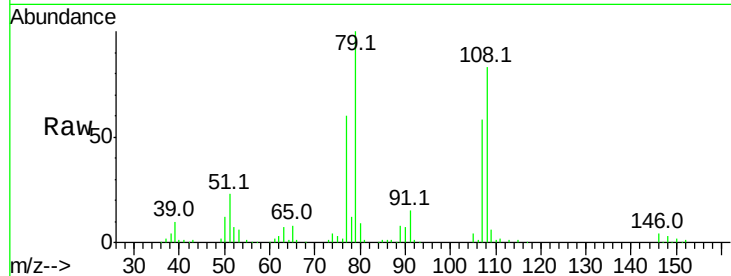
#15
Benzyl Alcohol
Concen: 62.38 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	63.4	95.0
77	59.6	49.2	73.8

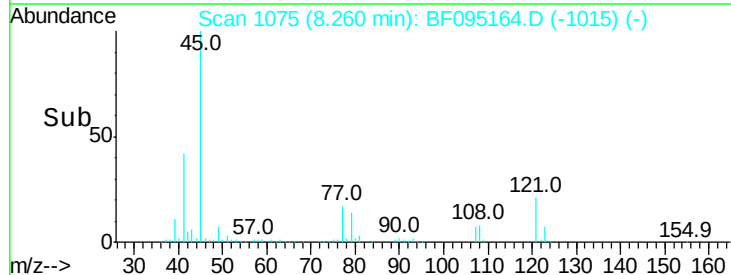
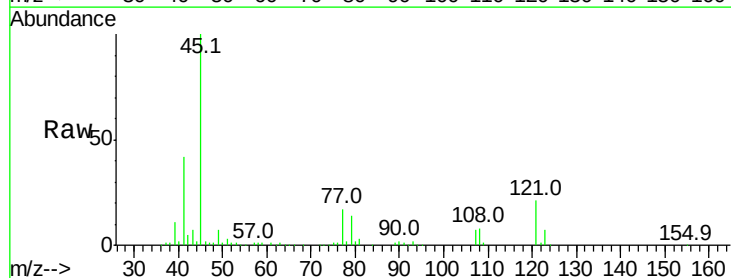
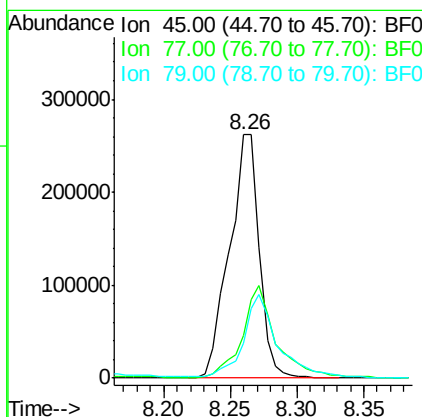
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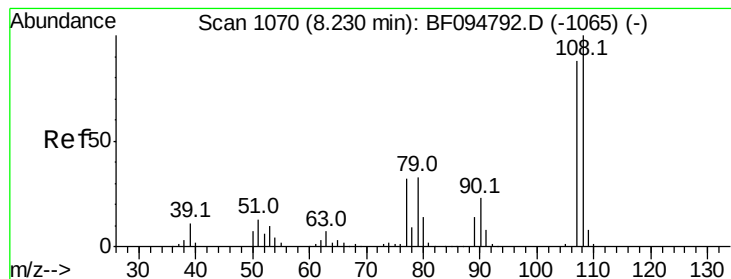
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.60 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	33.2
79	14.5	0.0	30.0





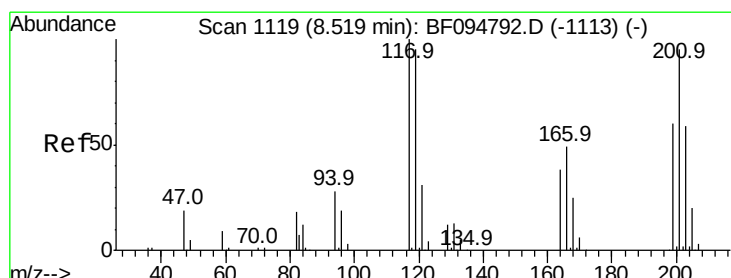
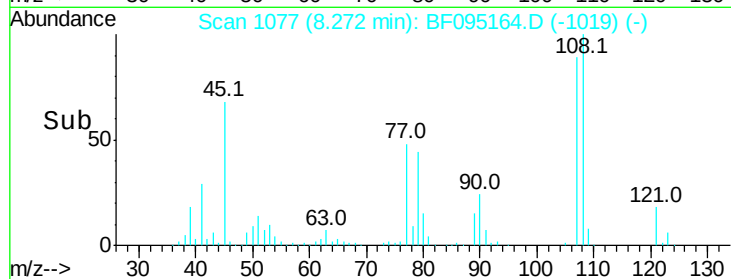
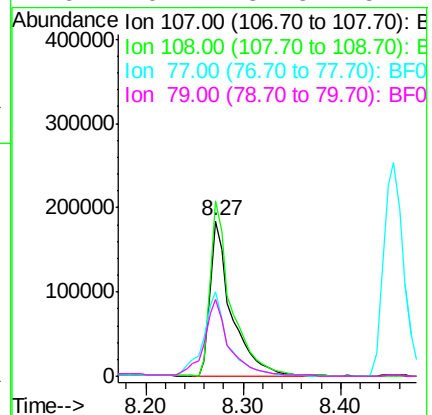
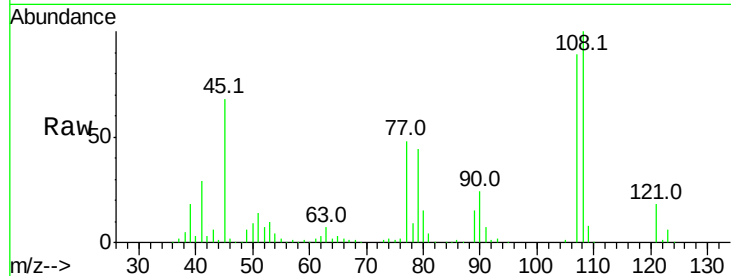
#17
2-Methylphenol
Concen: 51.18 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	93.4	140.0	
77	54.3	35.8	53.6	
79	49.1	34.8	52.2	

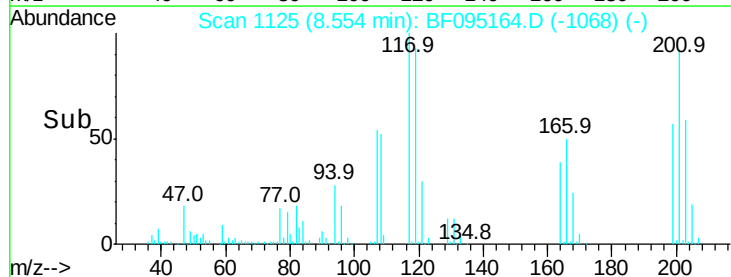
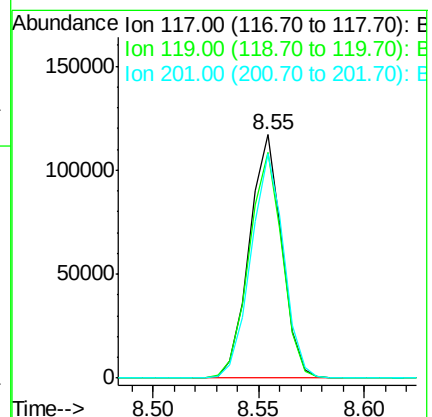
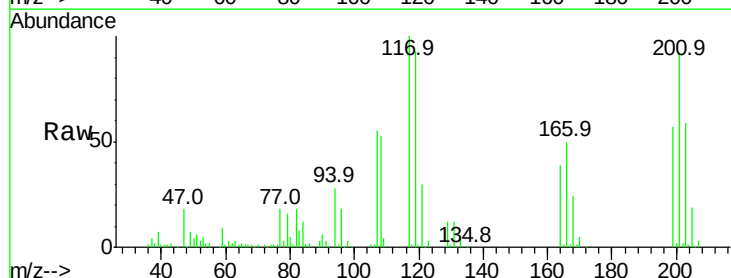
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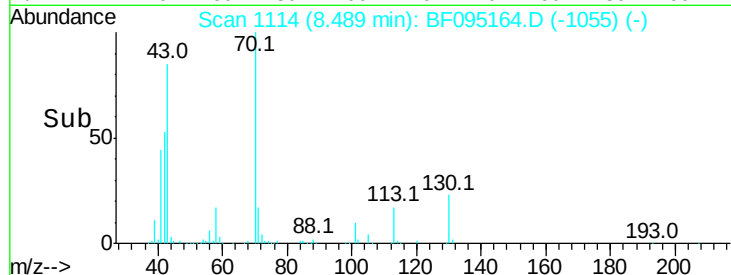
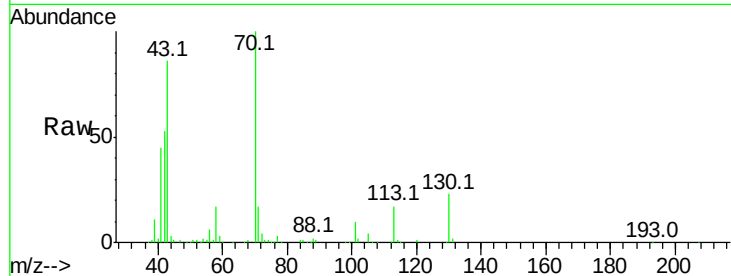
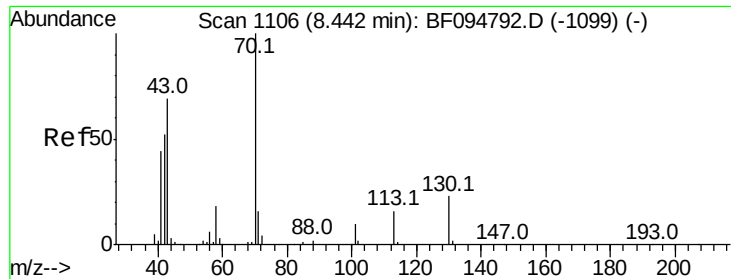
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#18
Hexachloroethane
Concen: 48.15 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	77.4	116.0	
201	92.0	94.6	141.8	





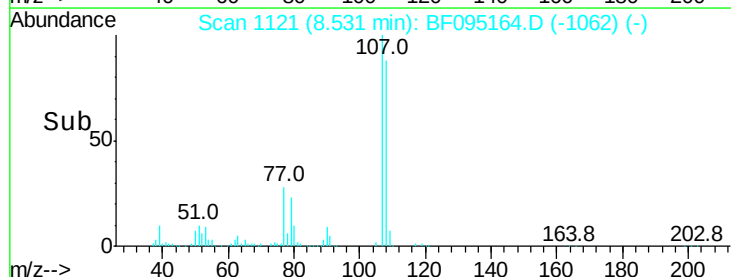
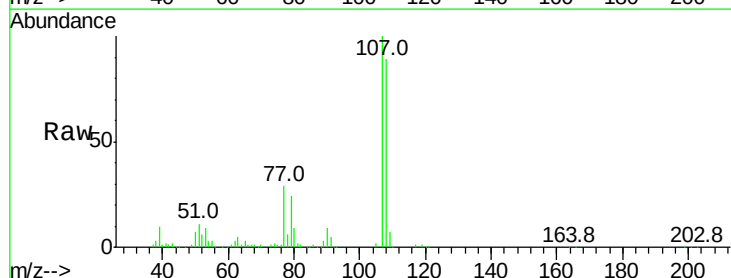
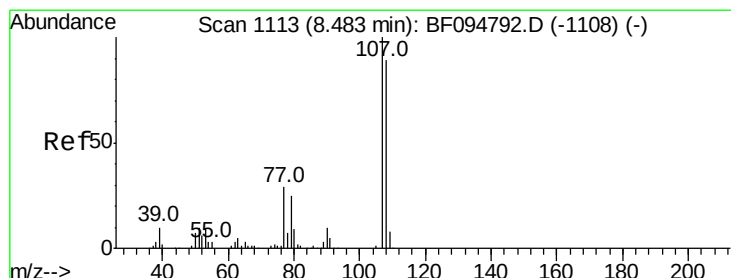
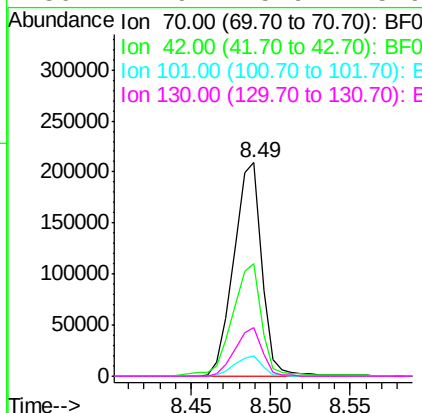
#19
n-Nitroso-di-n-propylamine
Concen: 54.12 ng
RT: 8.49 min Scan# 1114
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		256858		
42	52.8	47.2	70.8		
101	9.9	7.2	10.8		
130	22.9	15.9	23.9		

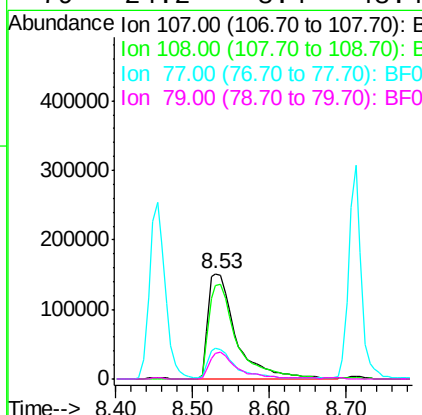
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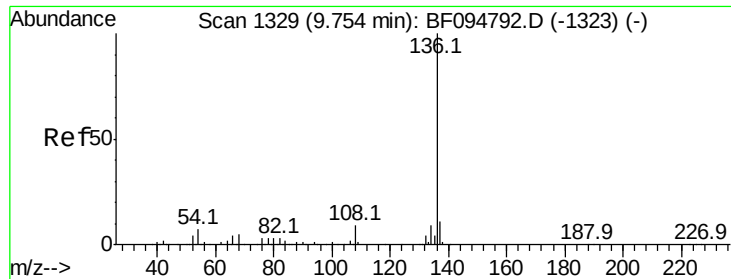
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#20
3+4-Methylphenols
Concen: 51.79 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		383361		
108	88.8	71.0	111.0		
77	28.9	90.5	130.5#		
79	24.2	8.4	48.4		





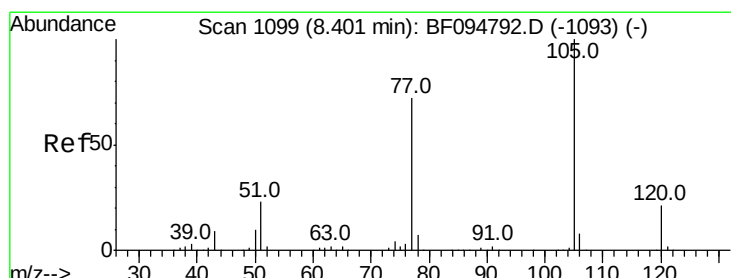
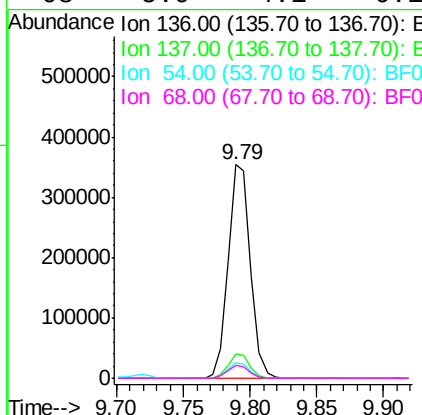
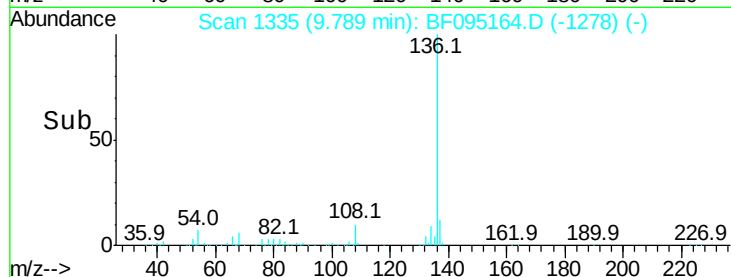
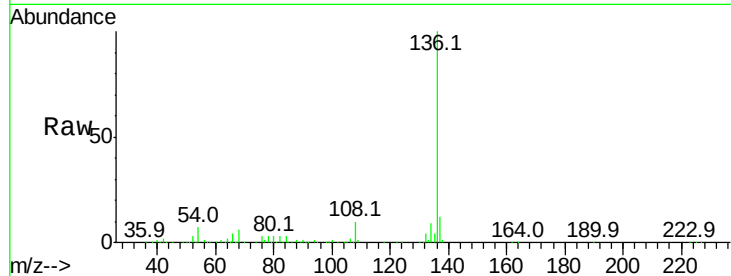
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	413373		
137	11.6		8.5	12.7
54	7.2		4.9	7.3
68	5.9		4.1	6.1

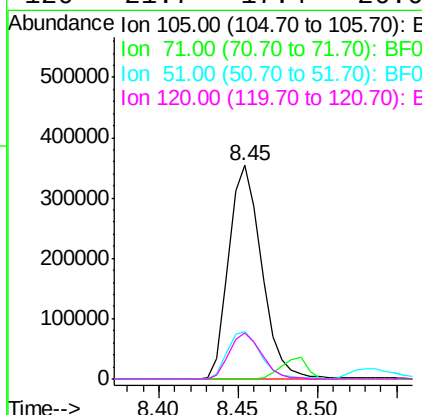
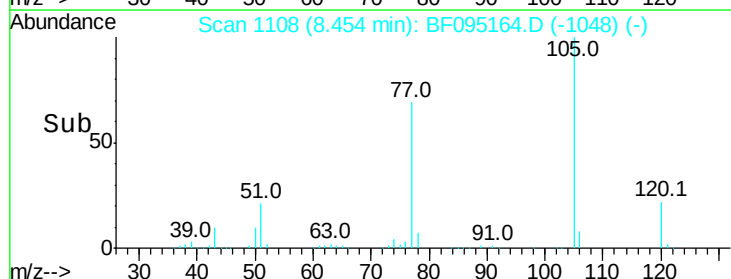
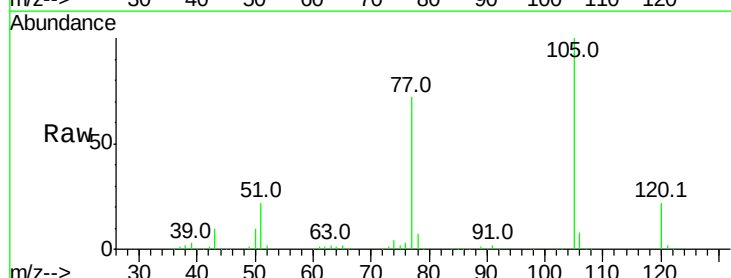
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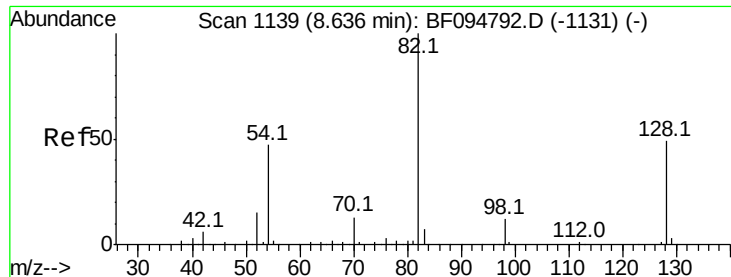
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#22
Acetophenone
Concen: 51.25 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	508302		
71	0.0		2.8	4.2#
51	22.4		30.7	46.1#
120	21.7		17.4	26.0





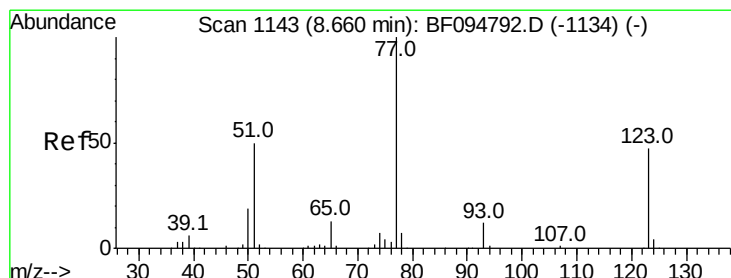
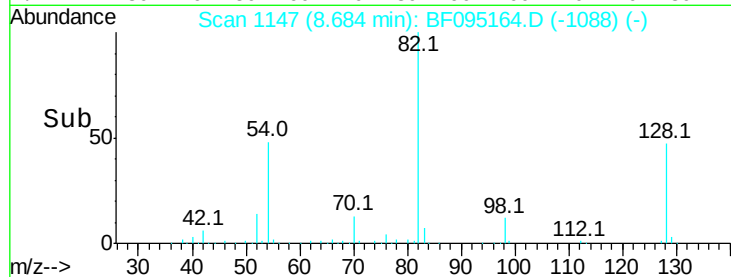
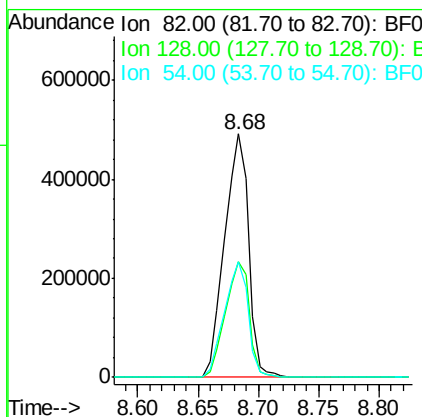
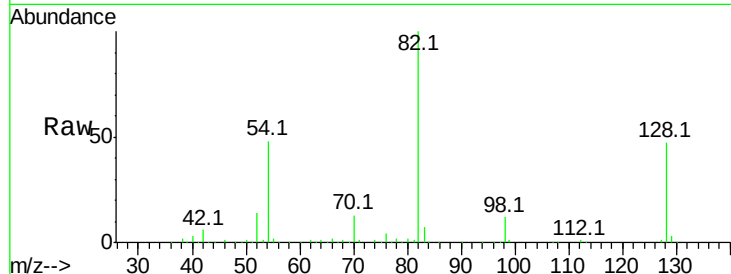
#23
 Nitrobenzene-d5
 Concen: 103.29 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	47.7	42.2	63.2

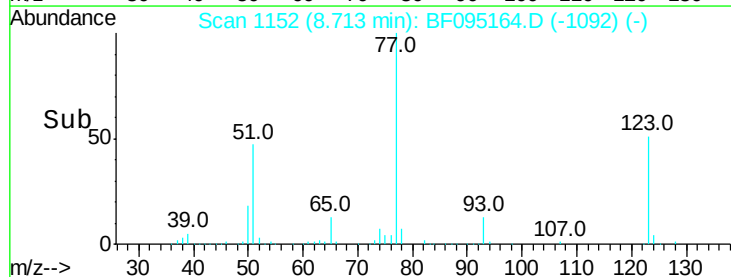
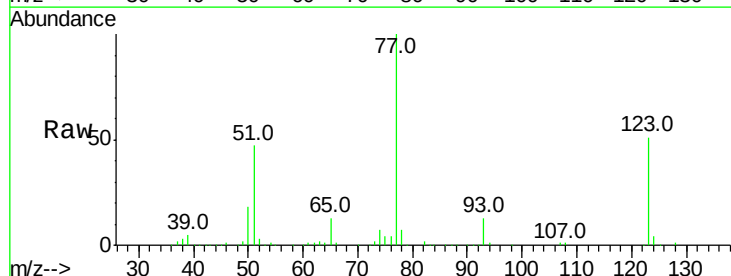
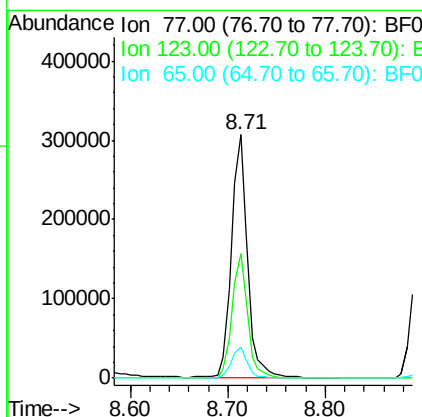
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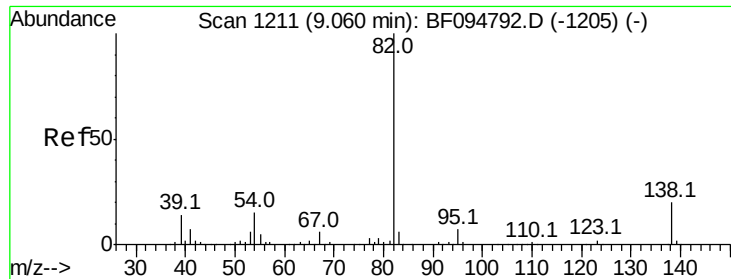
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#24
 Nitrobenzene
 Concen: 50.81 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	35.8	53.8
65	12.9	10.6	15.8





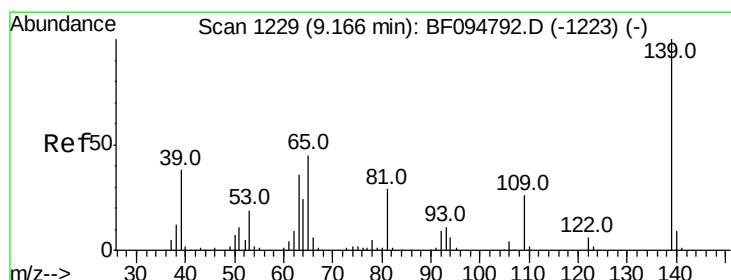
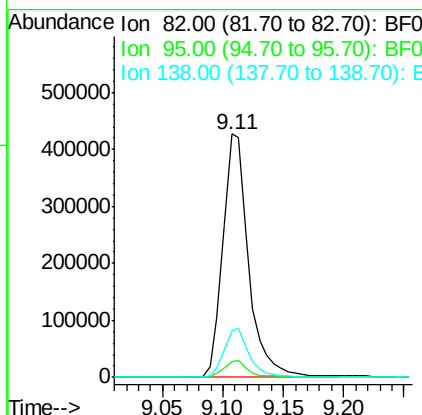
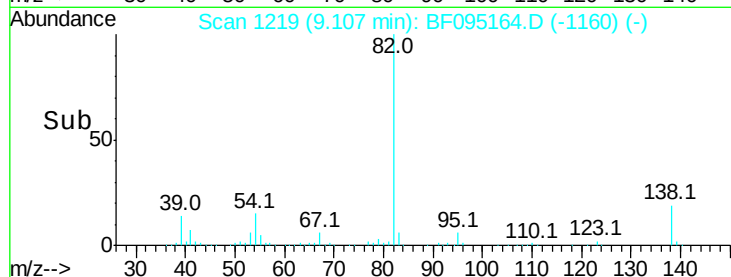
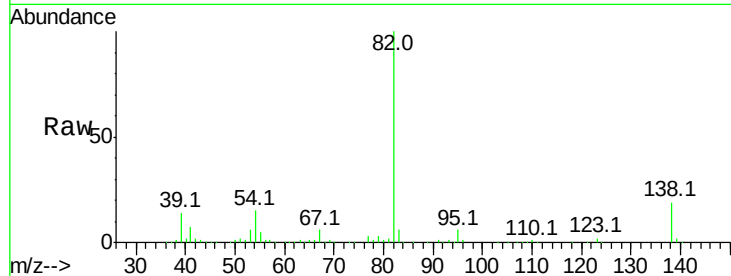
#25
Isophorone
Concen: 54.02 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	632351		
95	6.4	5.3	7.9	
138	19.1	13.1	19.7	

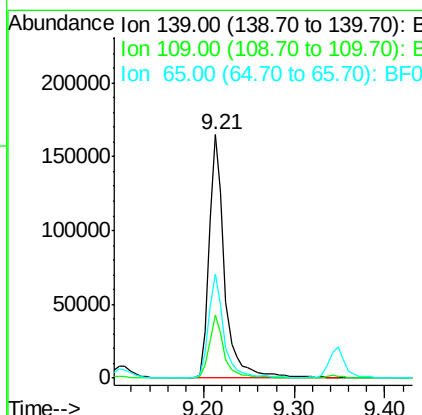
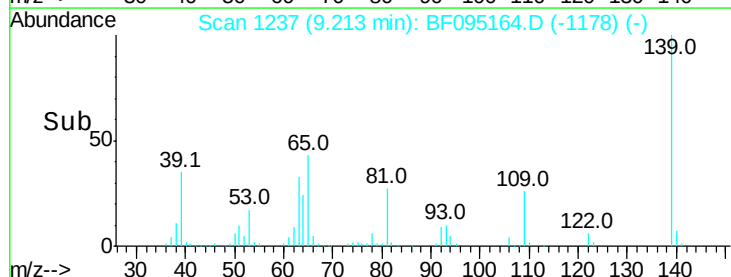
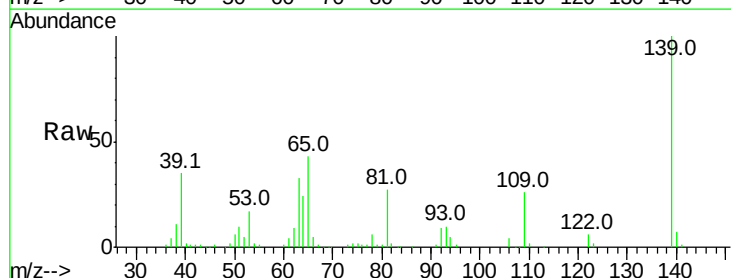
Manual Integrations
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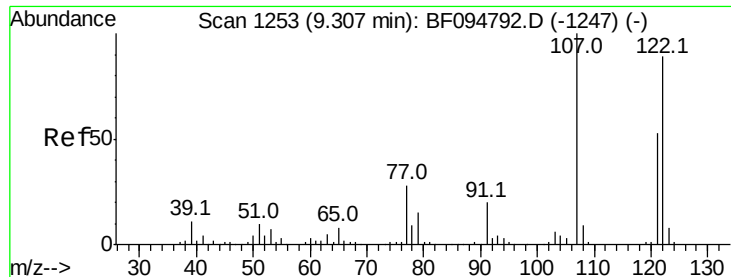
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#26
2-Nitrophenol
Concen: 54.03 ng
RT: 9.21 min Scan# 1237
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	200343		
109	25.9	21.0	31.6	
65	42.6	33.0	49.6	





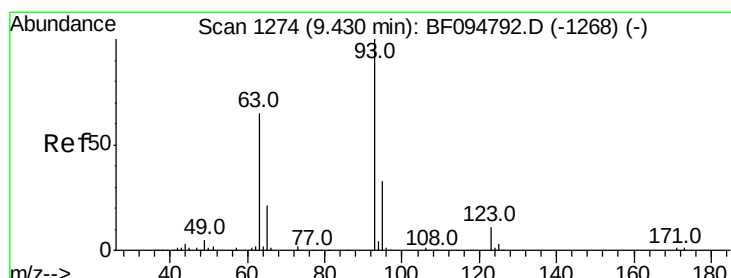
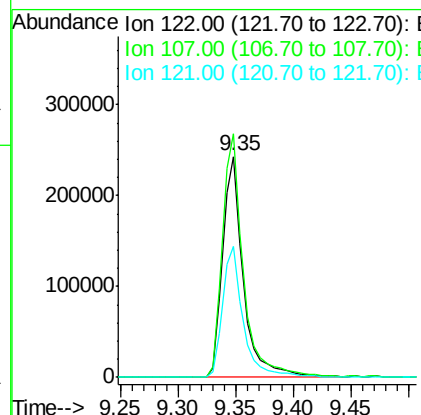
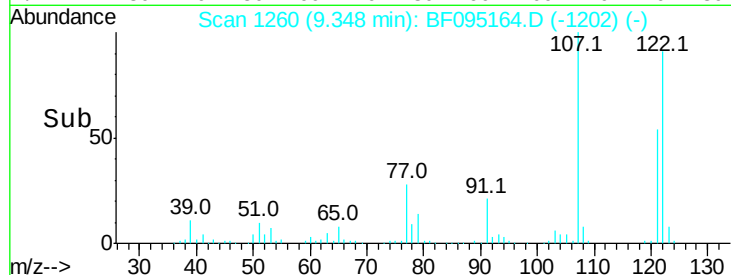
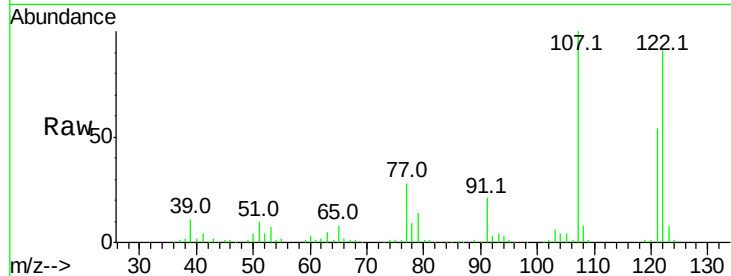
#27
 2,4-Dimethylphenol
 Concen: 50.70 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion:	122	Resp:	303918
Ion Ratio	Lower	Upper	
122	100		
107	110.3	89.2	133.8
121	59.1	45.2	67.8

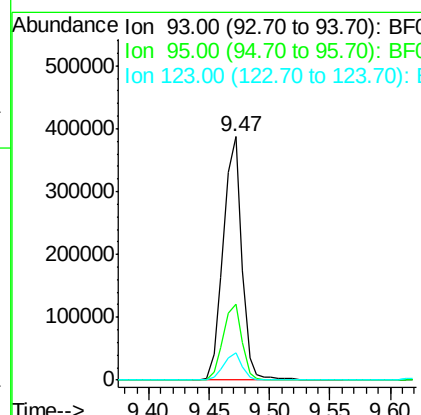
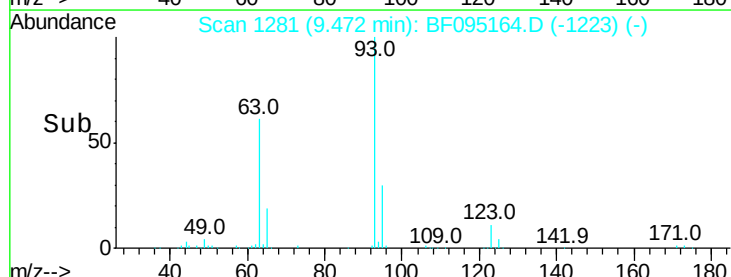
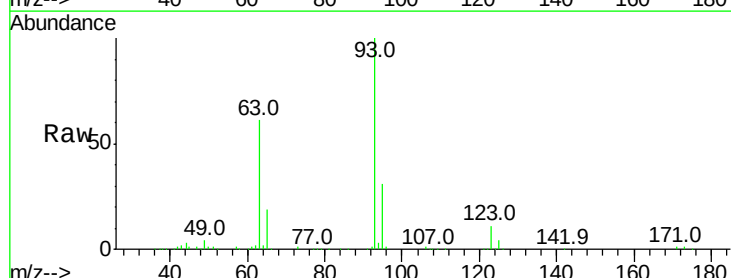
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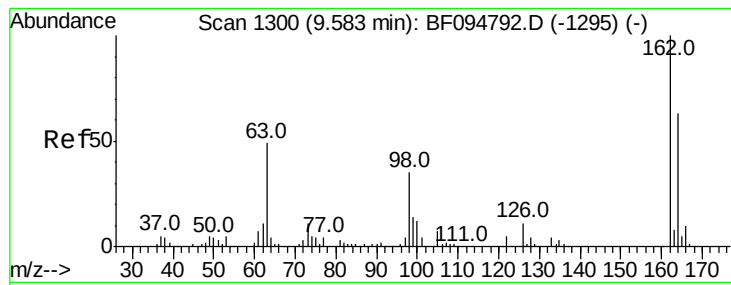
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.93 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:	93	Resp:	412425
Ion Ratio	Lower	Upper	
93	100		
95	31.4	26.5	39.7
123	11.2	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 53.31 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

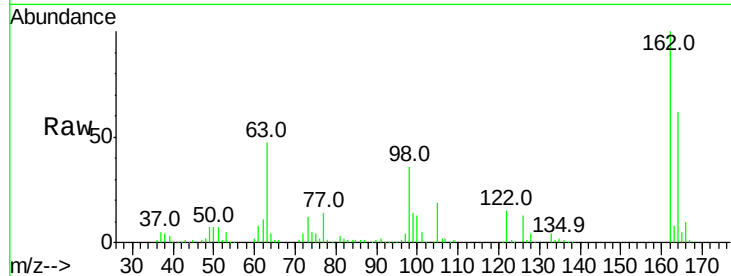
ClientSampleId :

E2-U10-ESWMSD

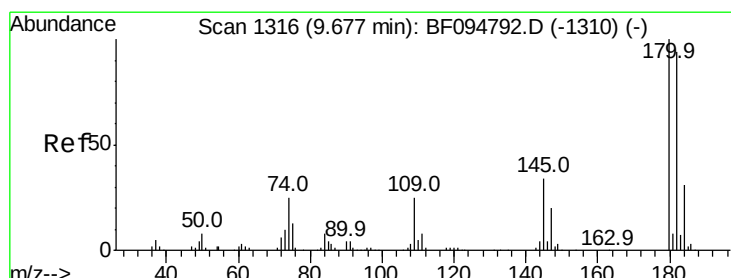
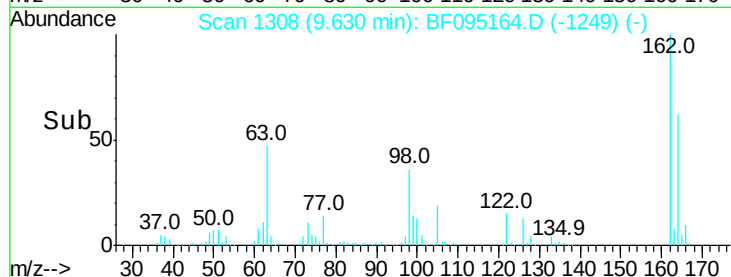
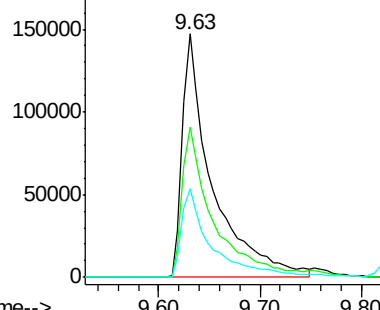
Tot Ion:	162	Resp:	301718
Ion Ratio	Lower	Upper	
162	100		
164	61.8	44.6	84.6
98	36.3	14.8	54.8

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



#30

1,2,4-Trichlorobenzene

Concen: 49.79 ng

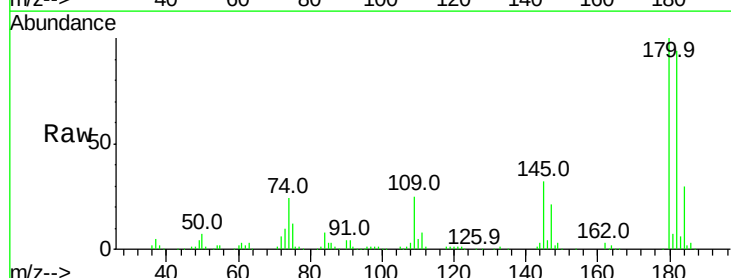
RT: 9.72 min Scan# 1323

Delta R.T. 0.04 min

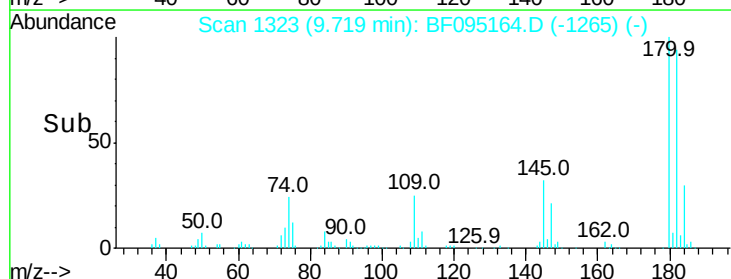
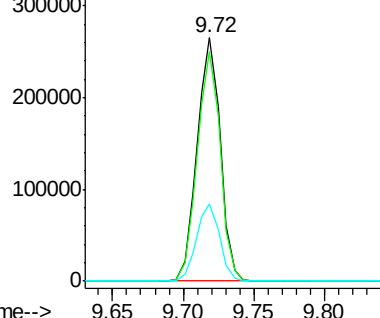
Lab File: BF095164.D

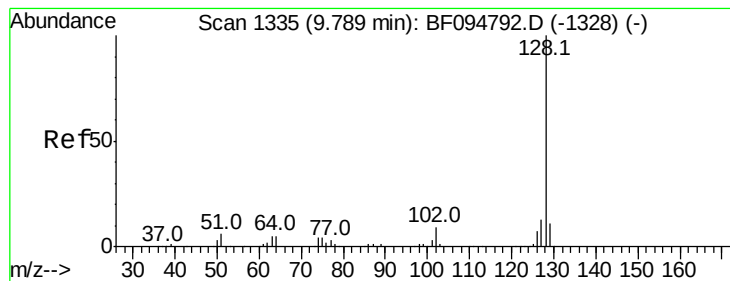
Acq: 16 May 2017 19:25

Tgt Ion:	180	Resp:	301907
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.8	113.6
145	31.9	25.3	37.9



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





#31

Naphthalene

Concen: 49.40 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMSD

Tot Ion:128 Resp: 1026326

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

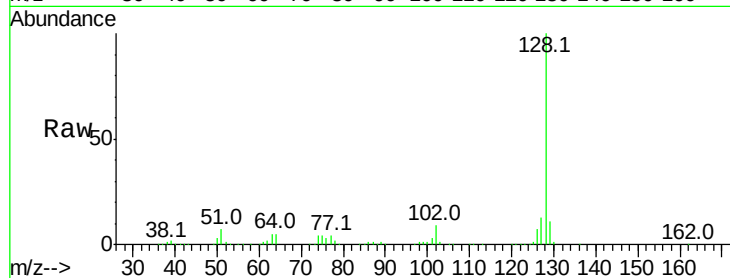
127 13.4 10.8 16.2

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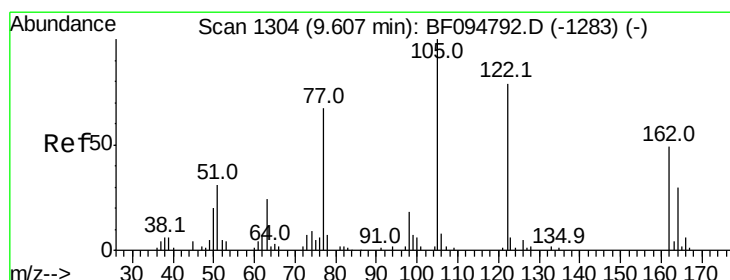
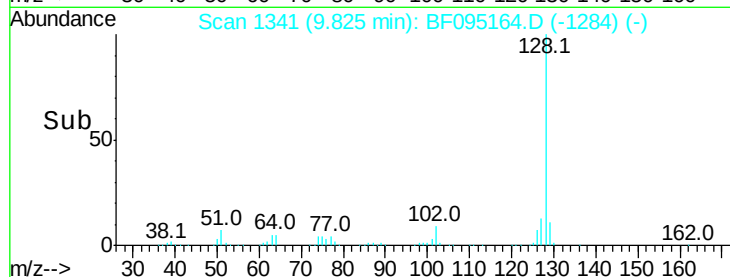
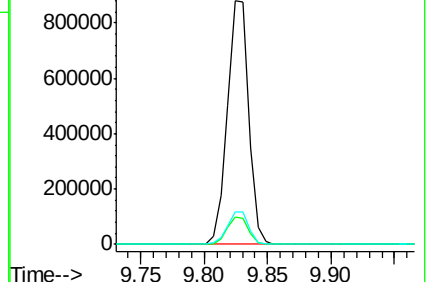
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.43 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

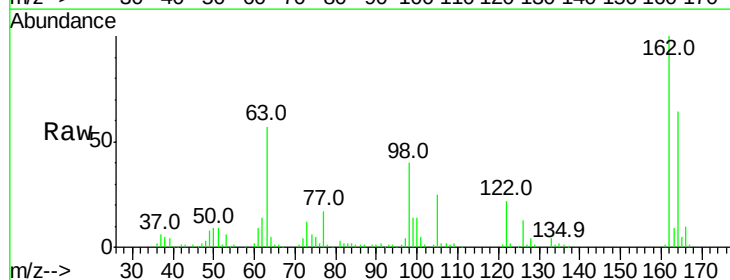
Tgt Ion:122 Resp: 67578

Ion Ratio Lower Upper

122 100

105 113.5 103.3 143.3

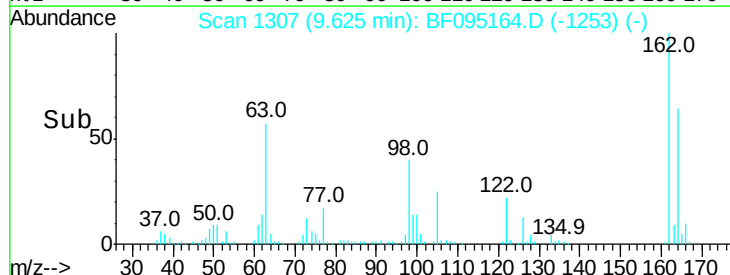
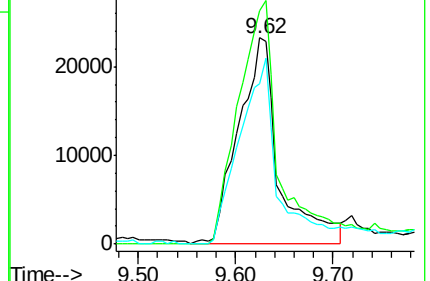
77 77.9 73.7 113.7

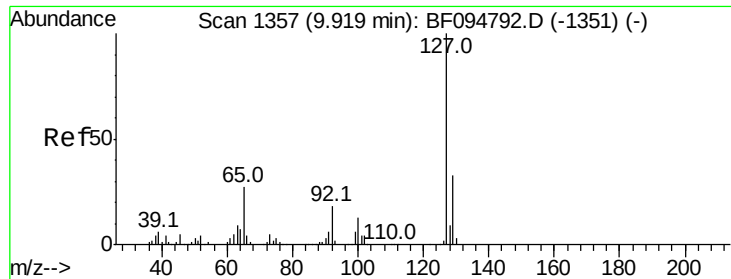


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





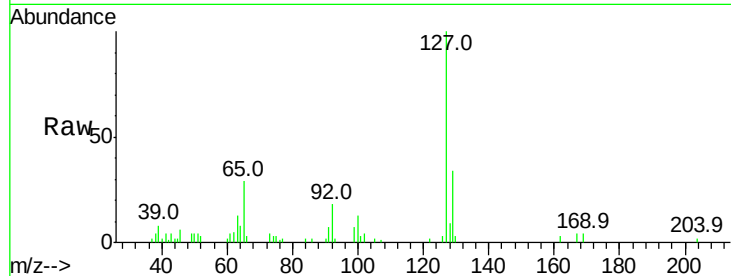
#33
4-Chloroaniline
Concen: 9.09 ng
RT: 10.00 min Scan# 1370
Delta R.T. 0.08 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

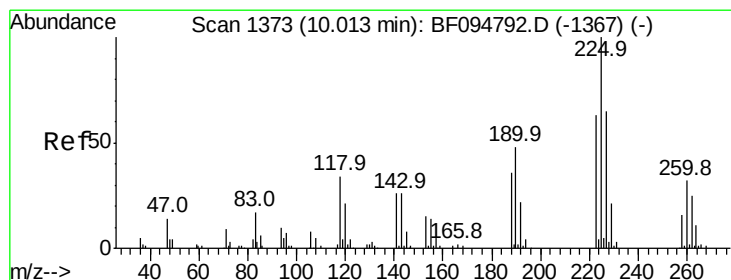
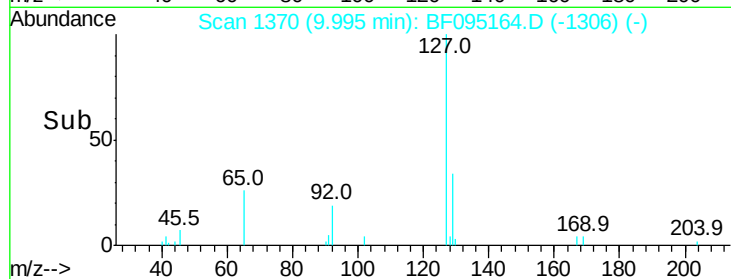
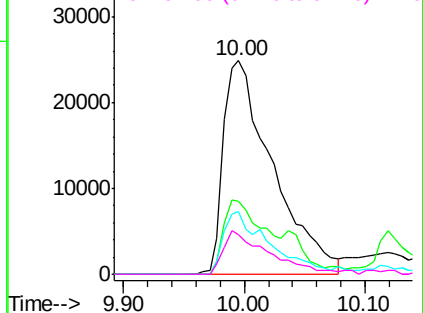
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		70403		
129	33.9	26.2	39.2		
65	29.3	27.8	41.8		
92	18.3	16.8	25.2		

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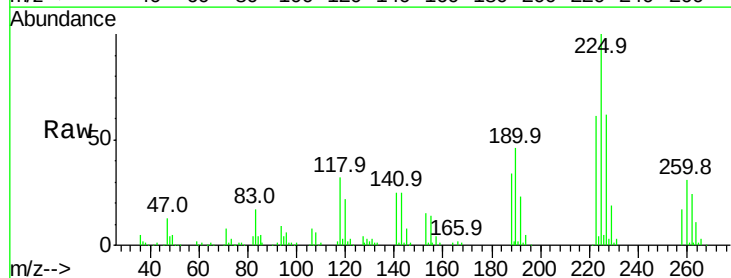


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

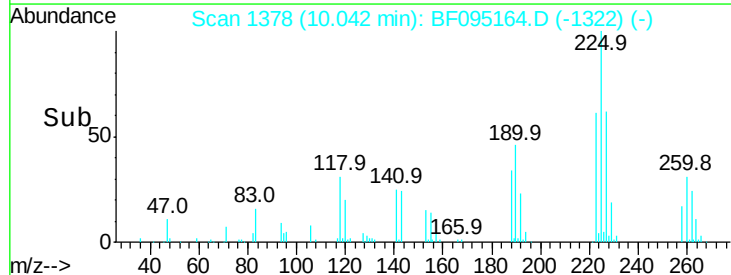
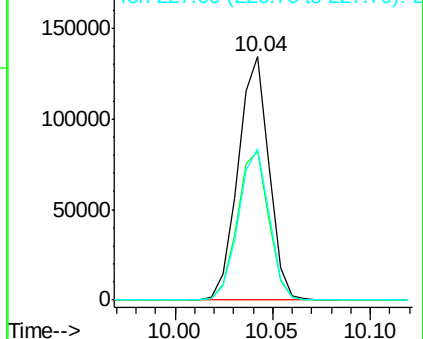


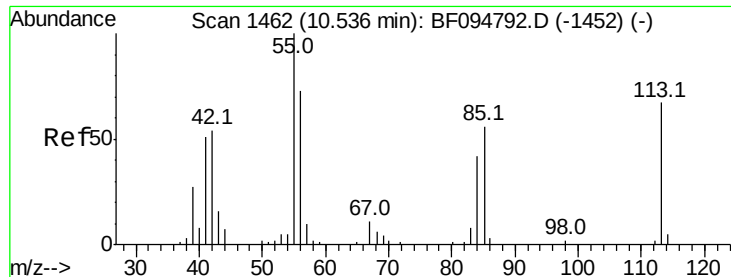
#34
Hexachlorobutadiene
Concen: 46.02 ng
RT: 10.04 min Scan# 1378
Delta R.T. 0.03 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		147261		
223	61.4	48.8	73.2		
227	62.3	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.57 ng/mL

RT: 10.61 min Scan# 1475

Delta R.T. 0.08 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMSD

Tot Ion:113 Resp: 84257

Ion Ratio Lower Upper

113 100

55 157.0 150.2 190.2

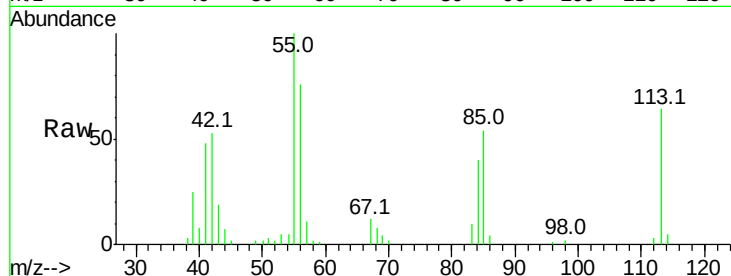
56 119.3 107.8 147.8

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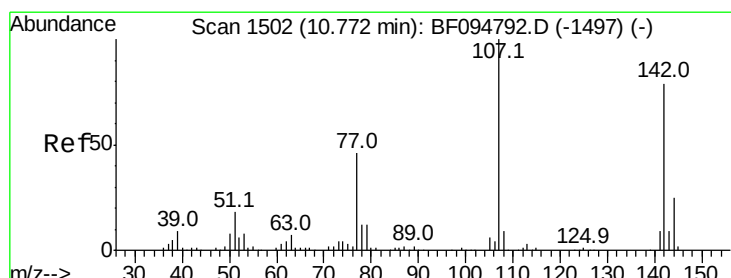
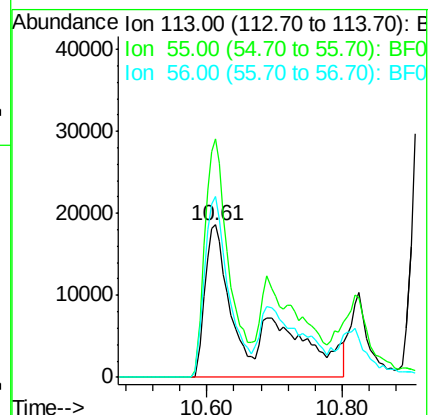
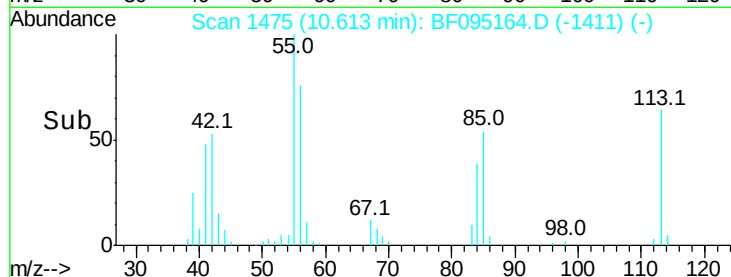
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.46 ng/mL

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

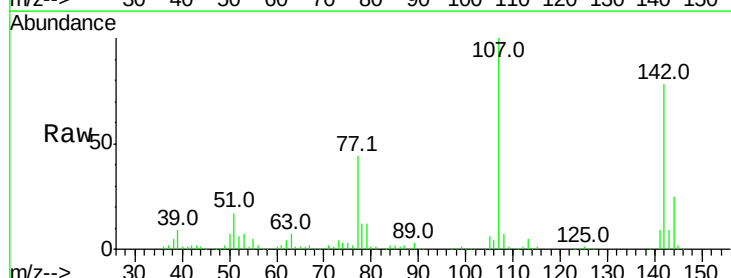
Tgt Ion:107 Resp: 329580

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

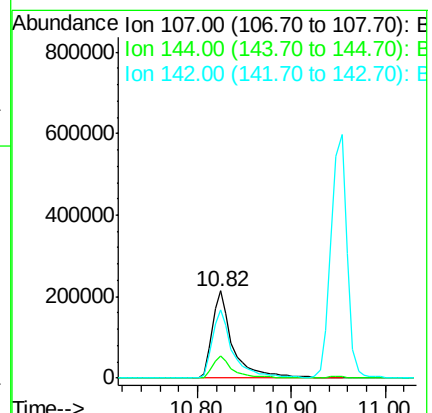
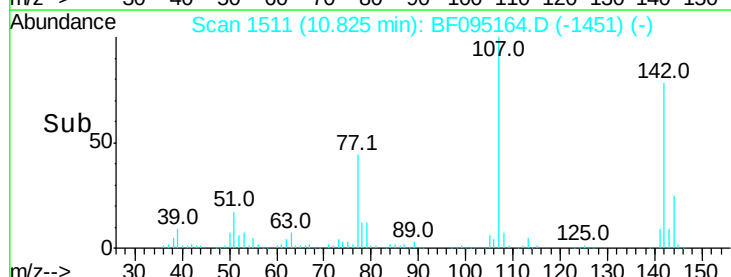
142 77.9 73.4 110.0

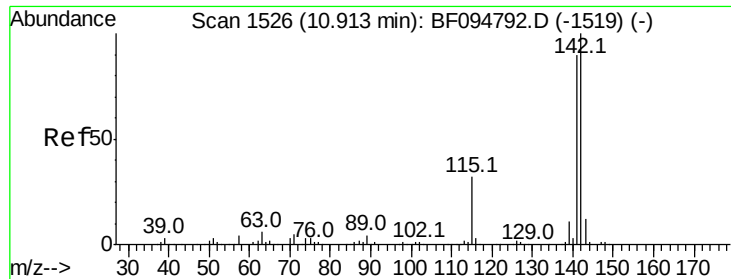


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





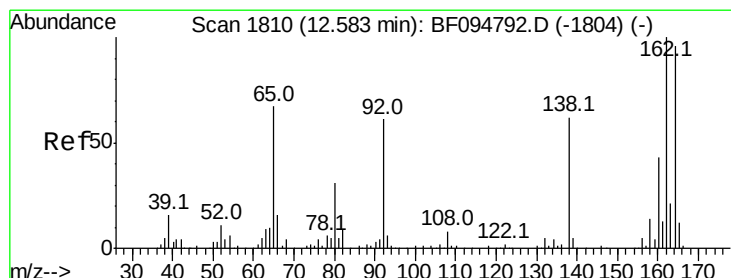
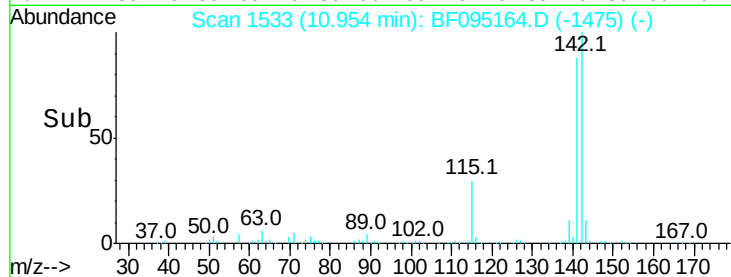
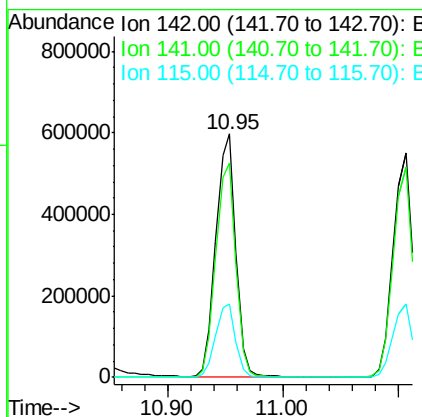
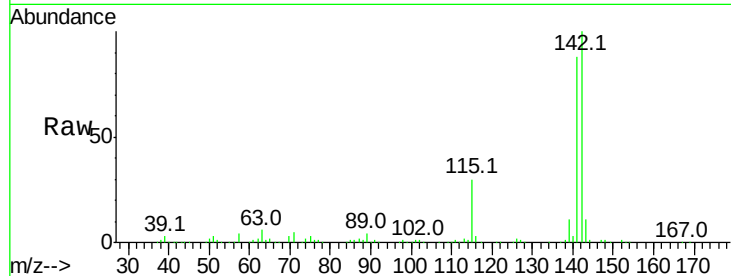
#37
2-Methylnaphthalene
Concen: 52.58 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	30.4	27.1	40.7

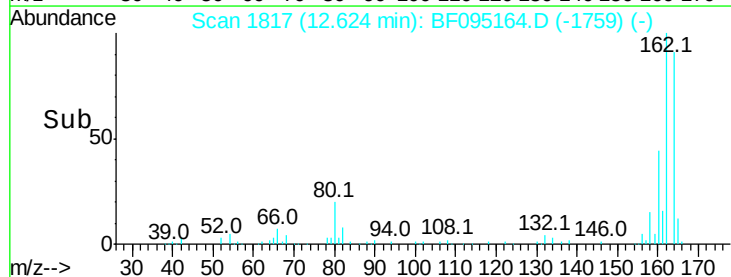
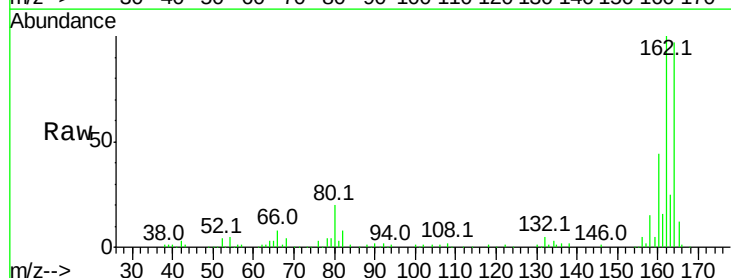
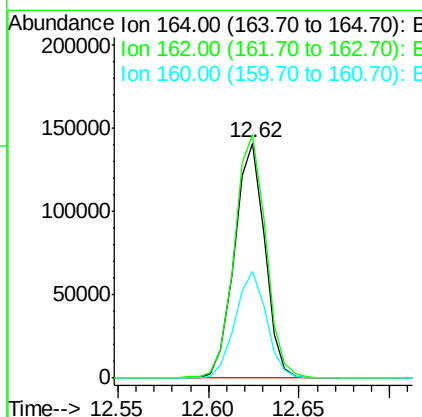
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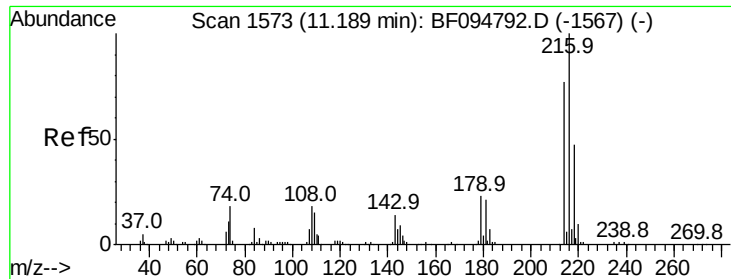
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.04 ng

RT: 11.23 min Scan# 1580

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

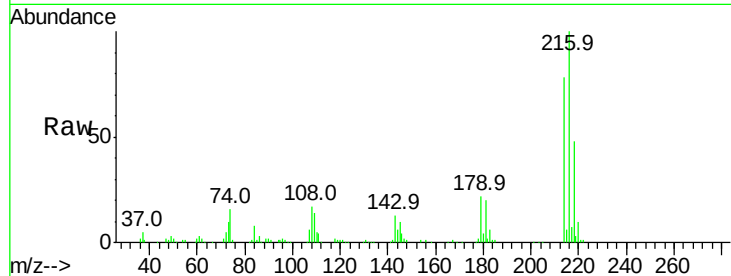
ClientSampleId :

E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	268176		
214	80.2	63.4	95.2	
179	22.8	17.9	26.9	
108	19.9	16.5	24.7	

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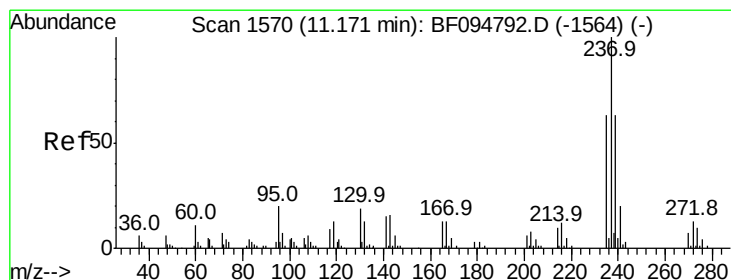
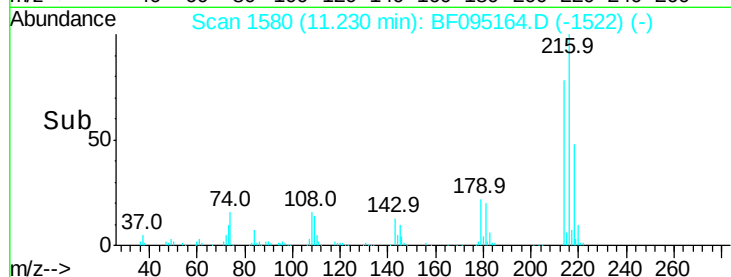
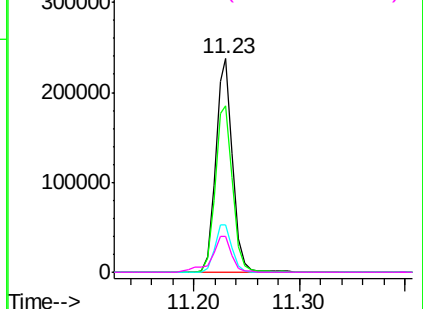


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.61 ng

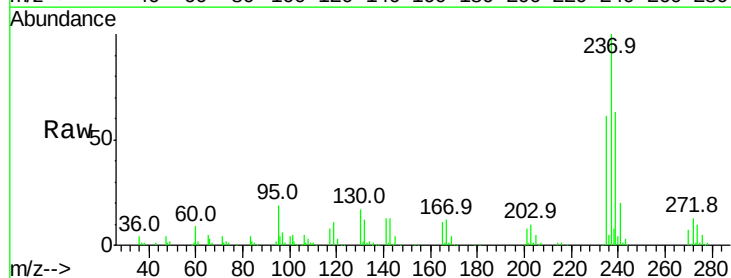
RT: 11.21 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

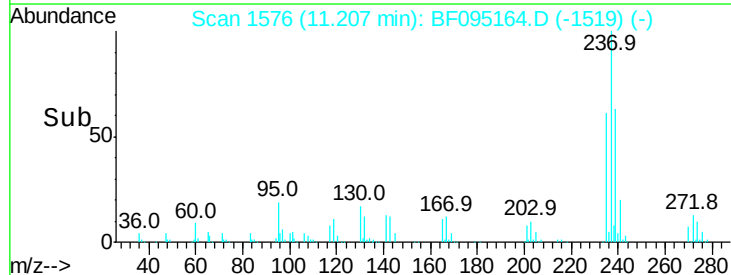
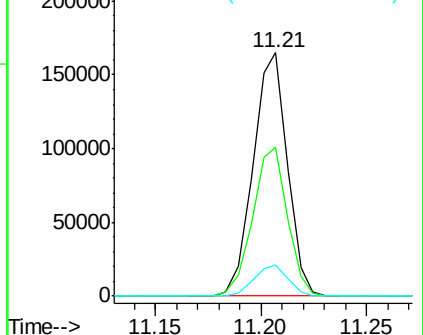
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	185238		
235	61.1	42.6	82.6	
272	12.7	0.0	31.9	

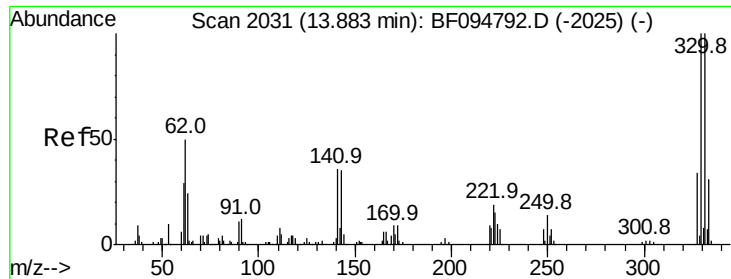


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





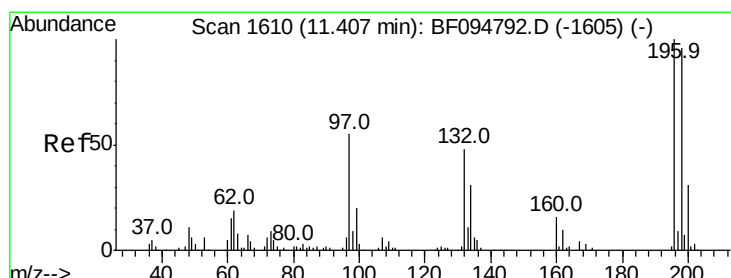
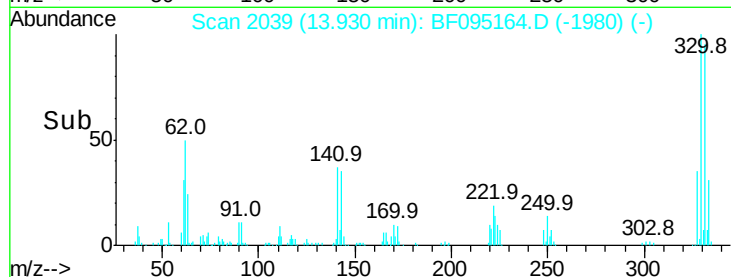
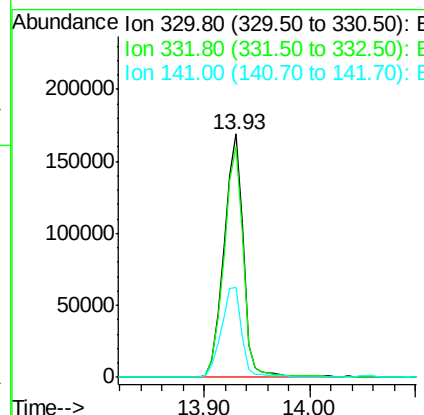
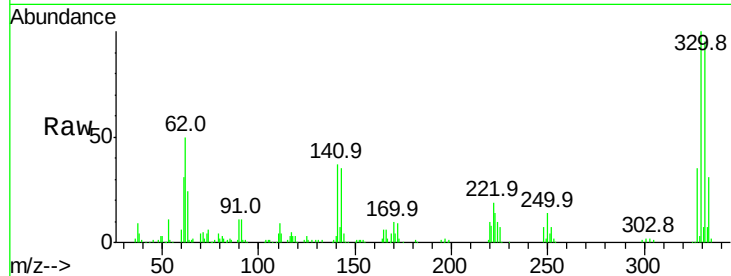
#41
 2,4,6-Tribromophenol
 Concen: 162.02 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	218145		
332	94.2	76.6	115.0	
141	39.5	31.4	47.2	

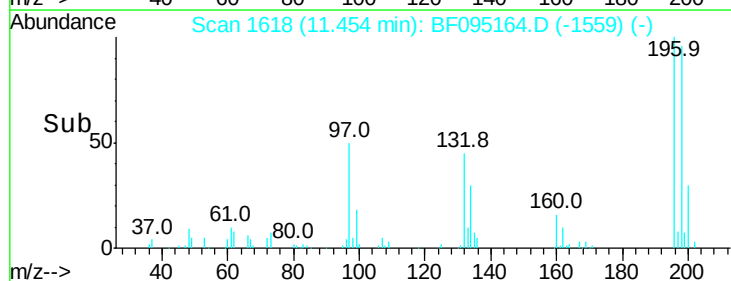
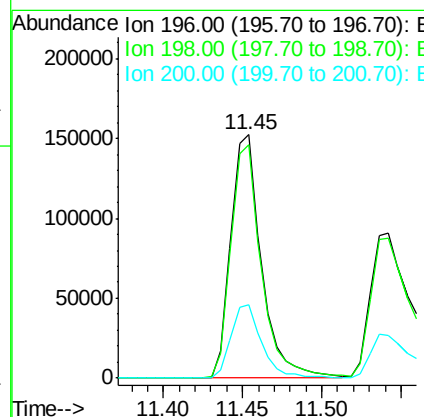
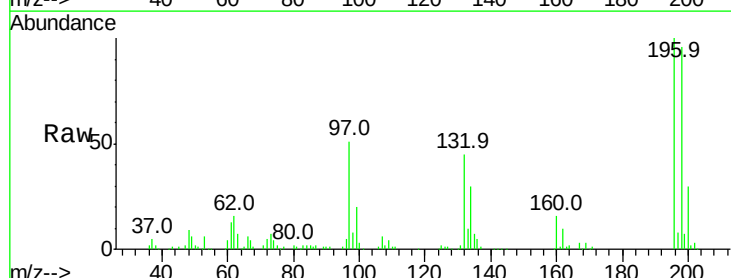
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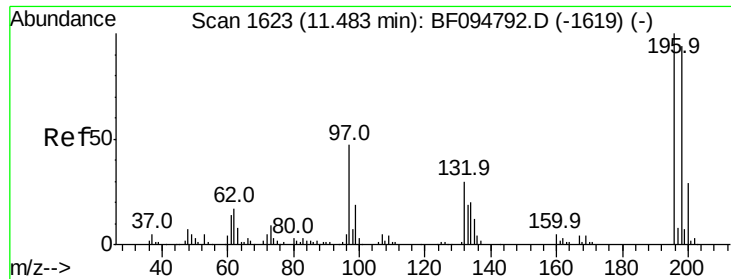
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 60.55 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204394		
198	96.1	74.2	111.4	
200	30.1	24.0	36.0	





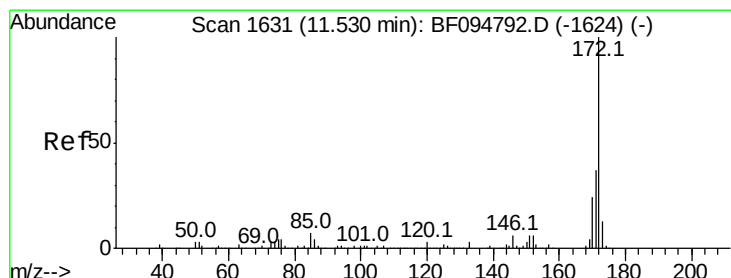
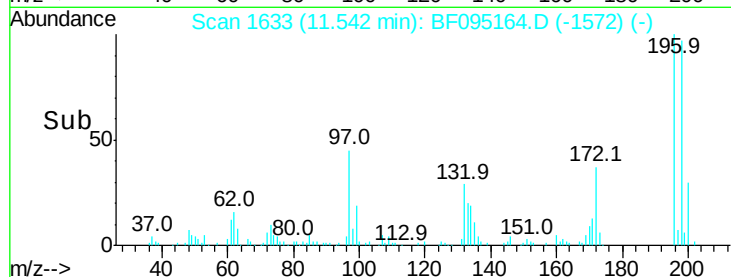
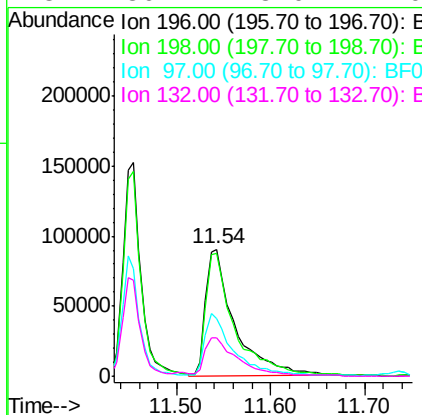
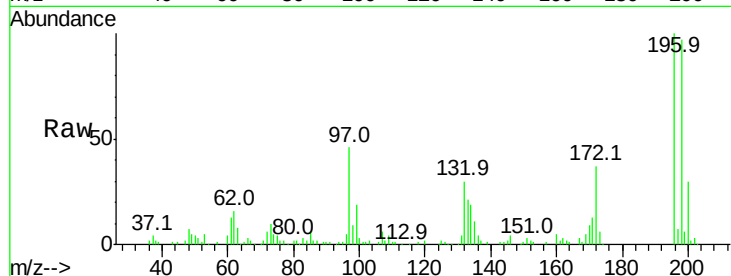
#43
2,4,5-Trichlorophenol
Concen: 53.19 ng
RT: 11.54 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192974		
198	97.0	75.7	113.5	
97	45.8	47.7	71.5#	
132	30.4	28.0	42.0	

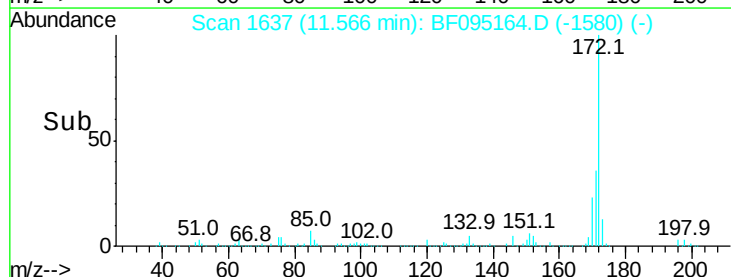
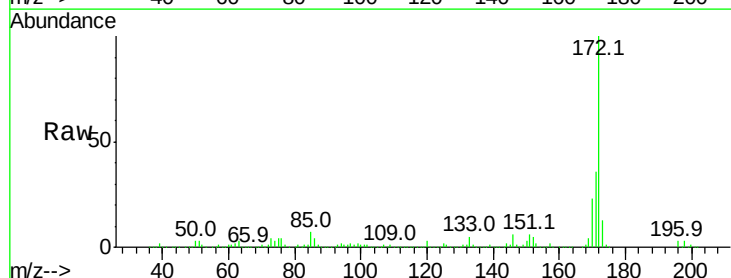
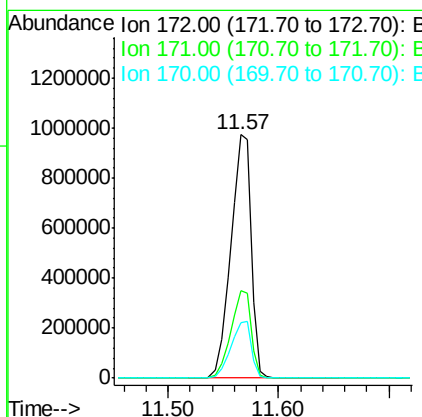
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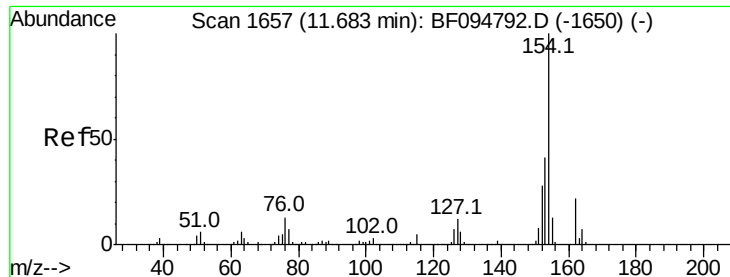
mohammad
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#44
2-Fluorobiphenyl
Concen: 110.74 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1264873		
171	36.0	29.6	44.4	
170	23.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 51.70 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

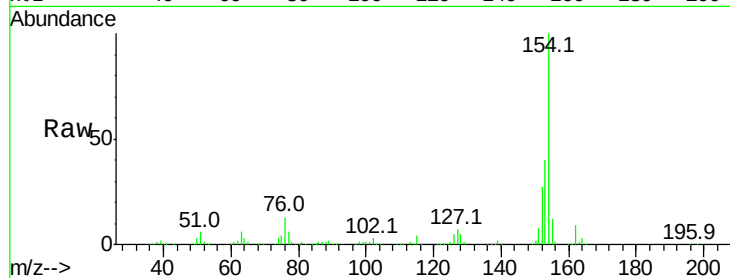
ClientSampleId :

E2-U10-ESWMSD

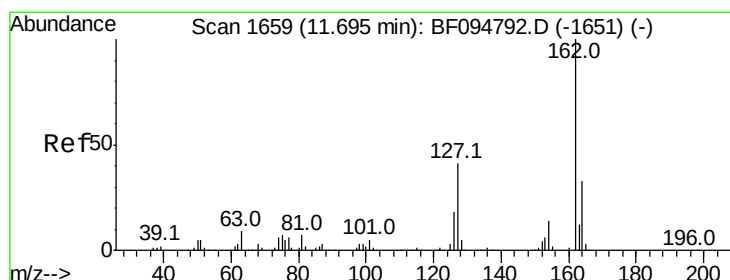
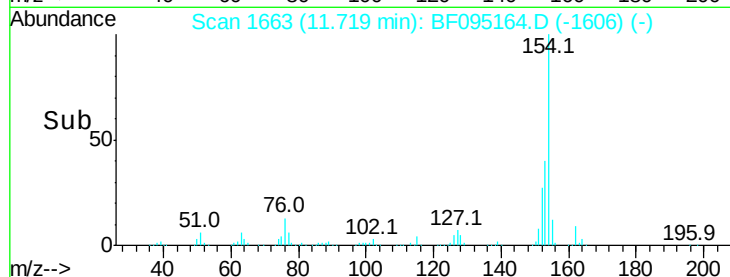
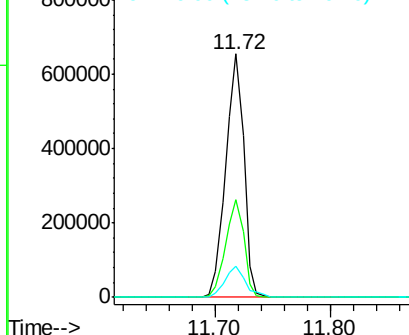
Tot Ion:	154	Resp:	715627
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.2	61.2
76	13.0	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.87 ng

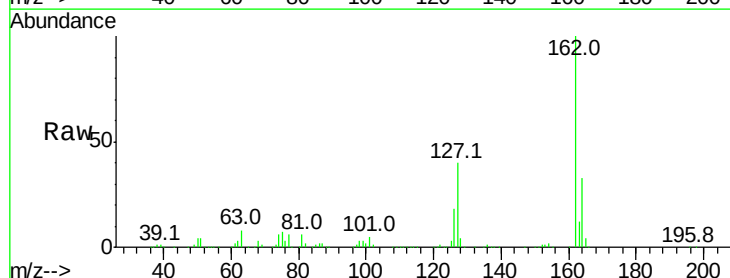
RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

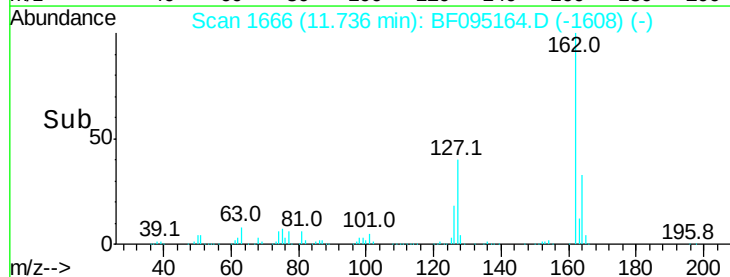
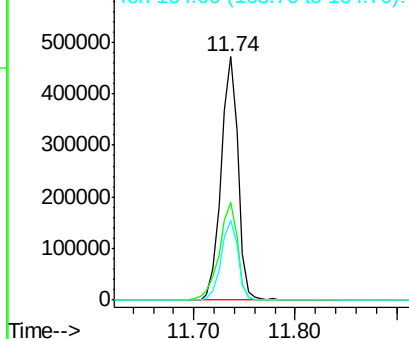
Lab File: BF095164.D

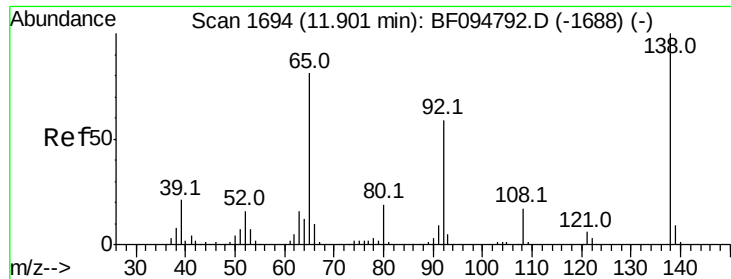
Acq: 16 May 2017 19:25

Tgt Ion:	162	Resp:	546223
Ion Ratio	Lower	Upper	
162	100		
127	40.3	28.3	42.5
164	32.6	27.0	40.4



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





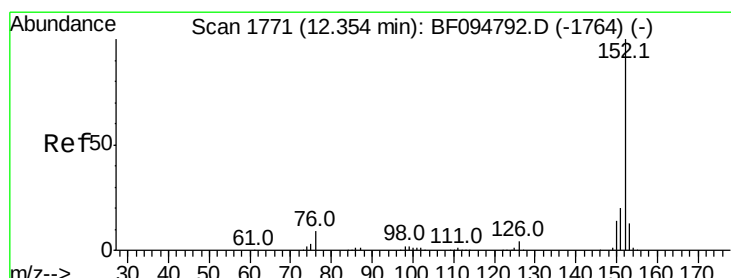
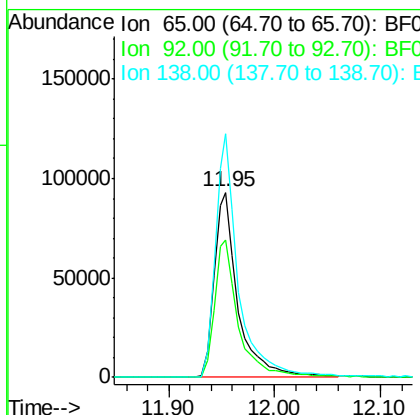
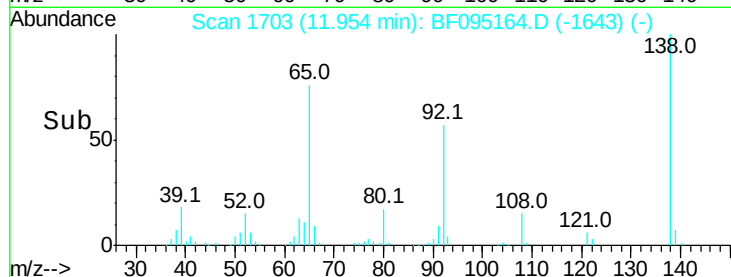
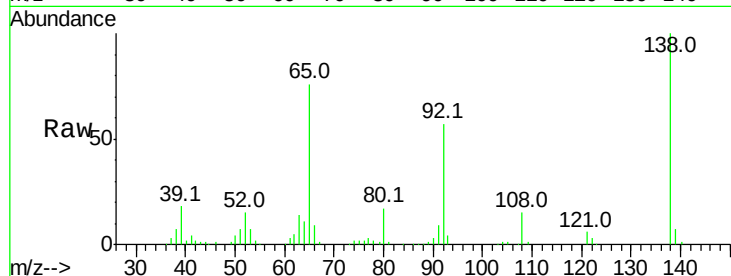
#47
 2-Nitroaniline
 Concen: 48.17 ng
 RT: 11.95 min Scan# 1703
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.9	80.9
138	131.7	78.8	118.2

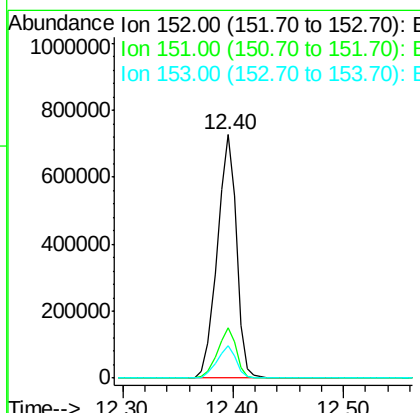
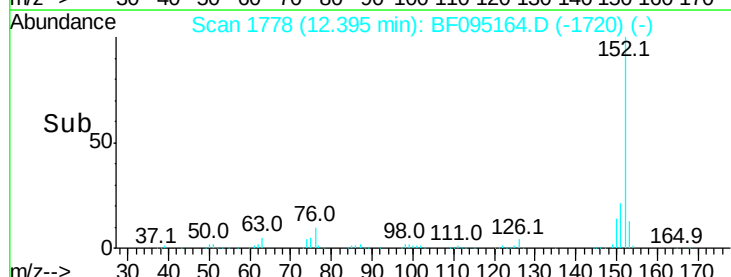
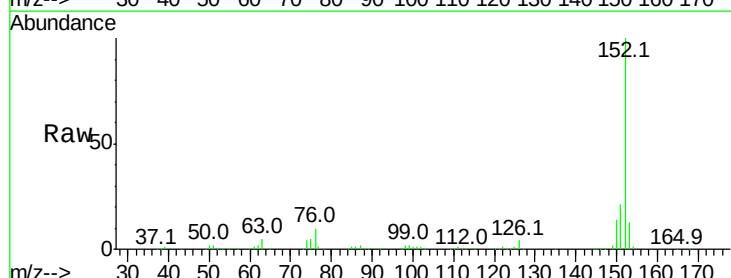
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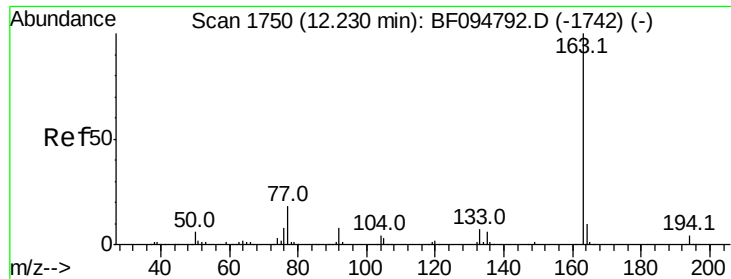
mohammad
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#48
 Acenaphthylene
 Concen: 50.15 ng
 RT: 12.40 min Scan# 1778
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.4	10.8	16.2





#49

Dimethylphthalate

Concen: 57.04 ng

RT: 12.27 min Scan# 1757

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

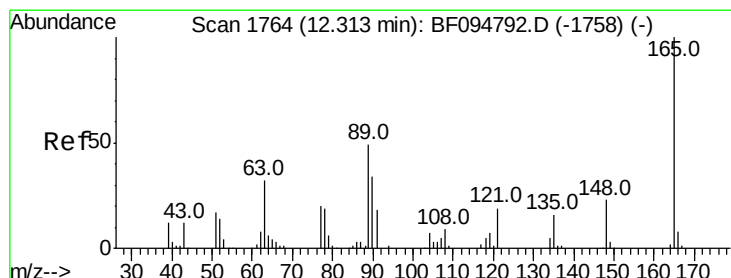
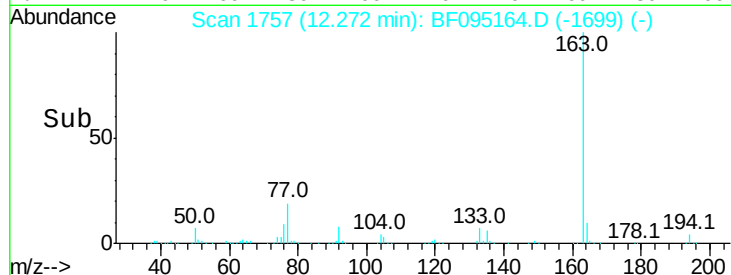
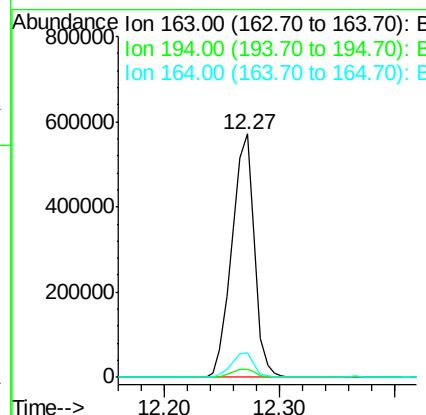
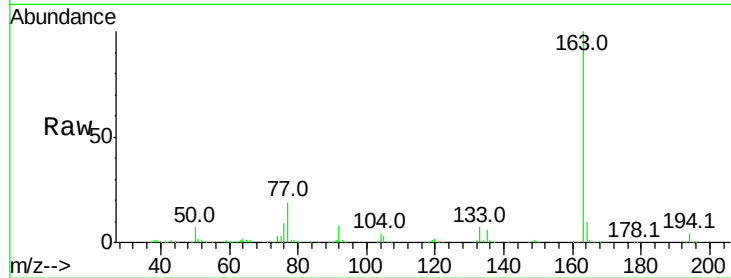
ClientSampleId :

E2-U10-ESWMSD

Tot Ion:	163	Resp:	769849
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 53.49 ng

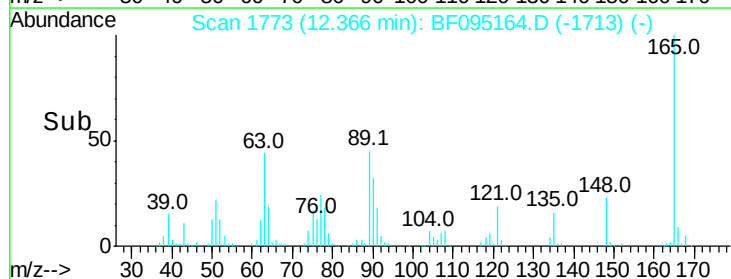
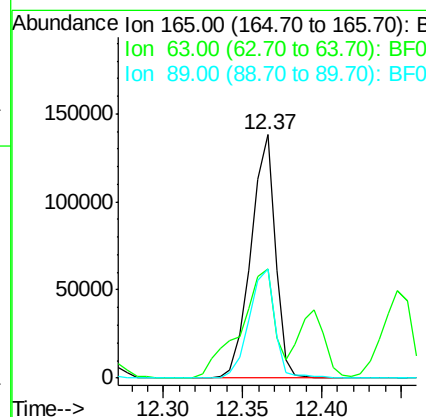
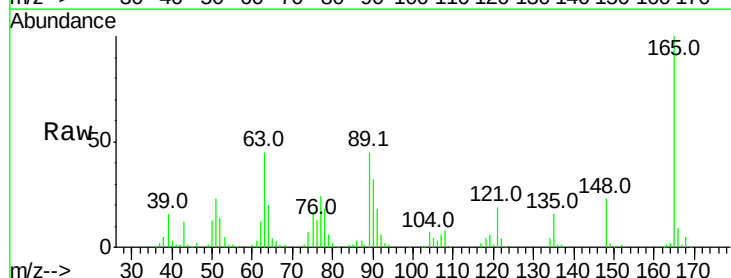
RT: 12.37 min Scan# 1773

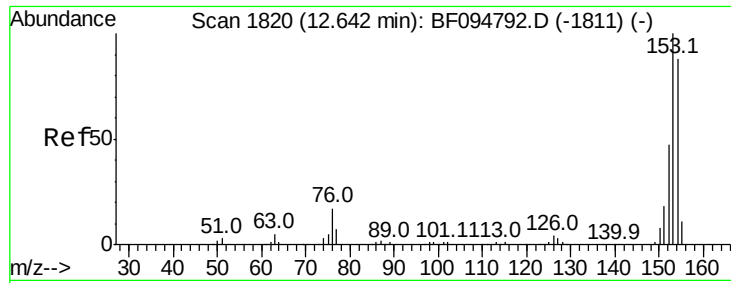
Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Tgt Ion:	165	Resp:	147278
Ion Ratio	Lower	Upper	
165	100		
63	44.9	34.3	51.5
89	44.8	37.1	55.7





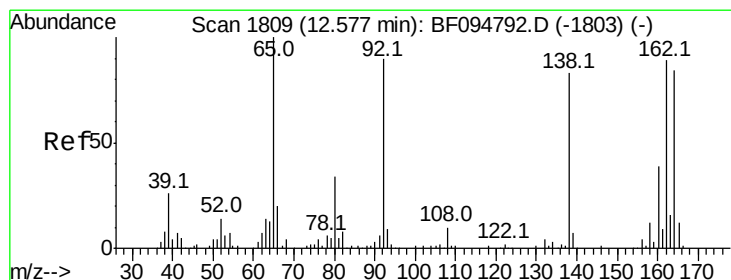
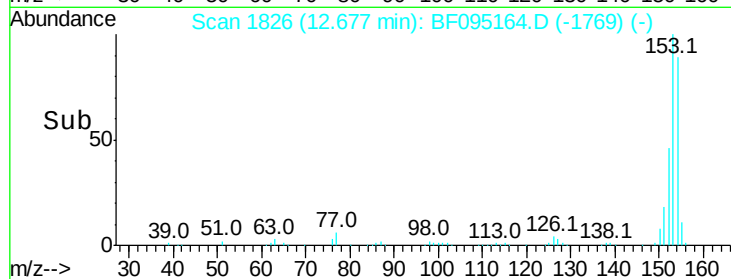
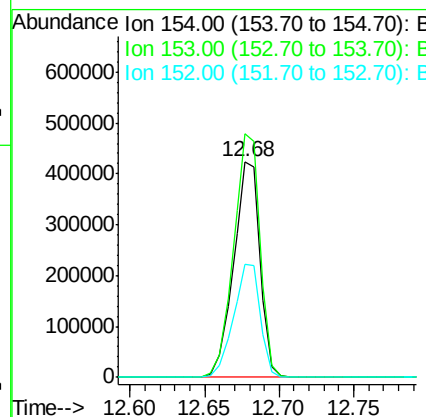
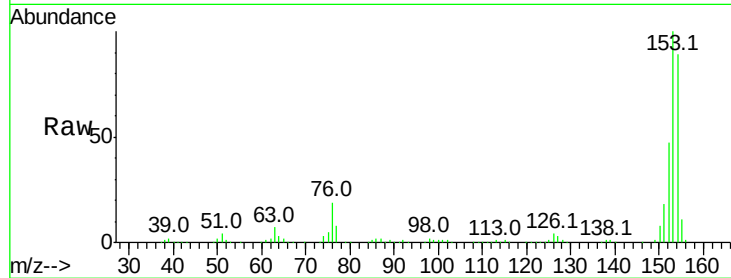
#51
Acenaphthene
Concen: 50.22 ng
RT: 12.68 min Scan# 1826
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	52.5	43.6	65.4

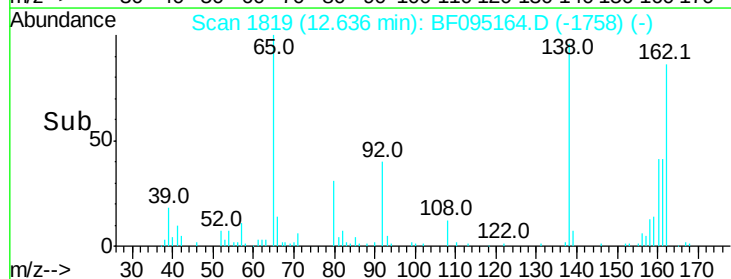
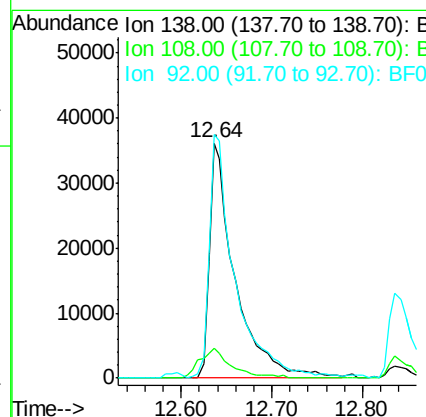
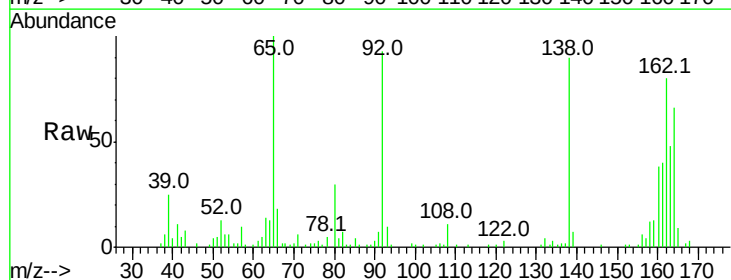
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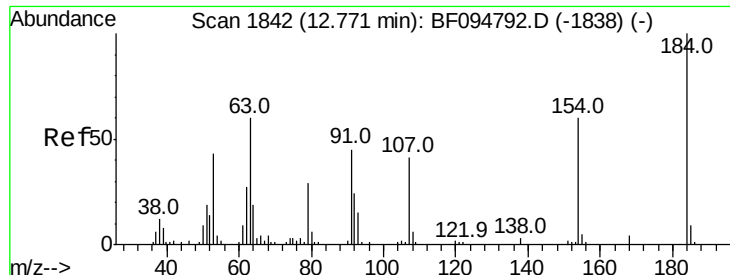
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#52
3-Nitroaniline
Concen: 24.22 ng
RT: 12.64 min Scan# 1819
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.1	13.7
92	103.5	93.8	140.6





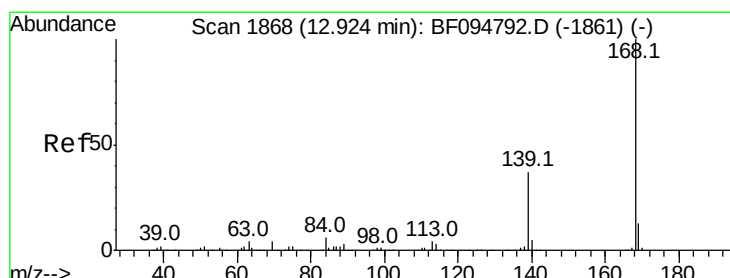
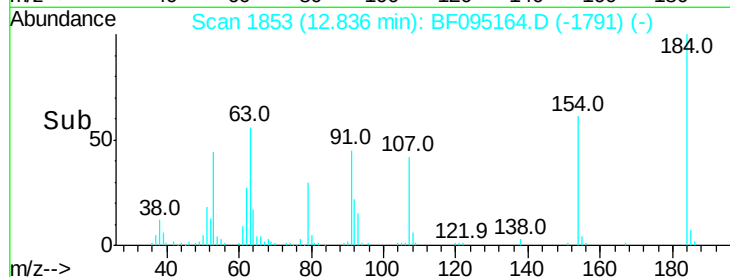
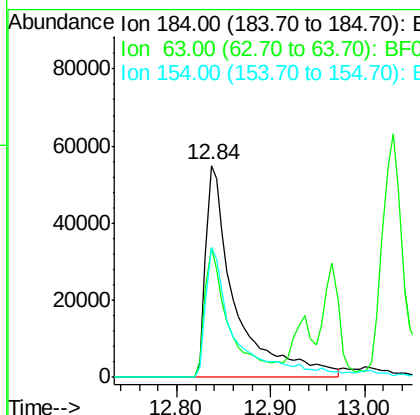
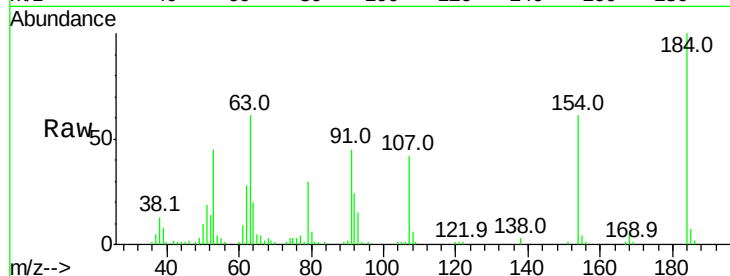
#53
 2,4-Dinitrophenol
 Concen: 79.46 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	120430		
63	61.1	62.7	94.1#	
154	61.2	81.1	121.7#	

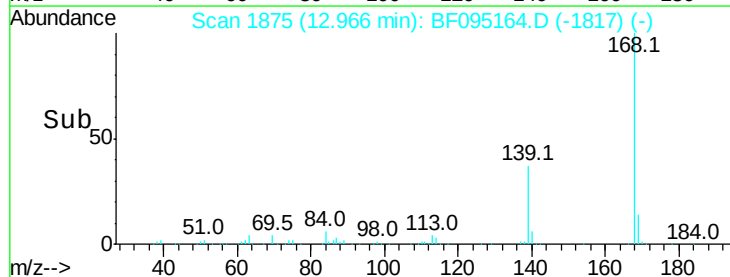
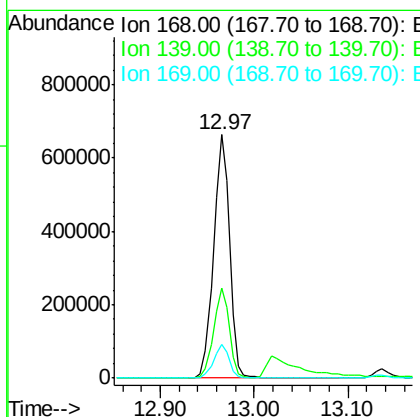
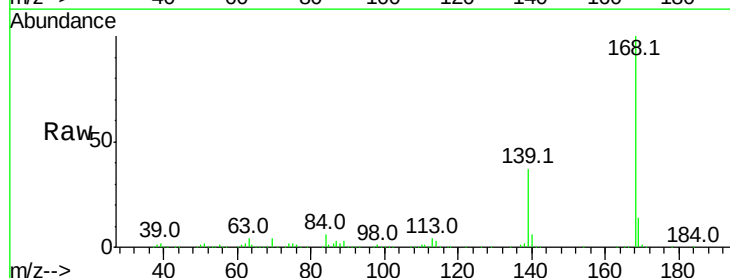
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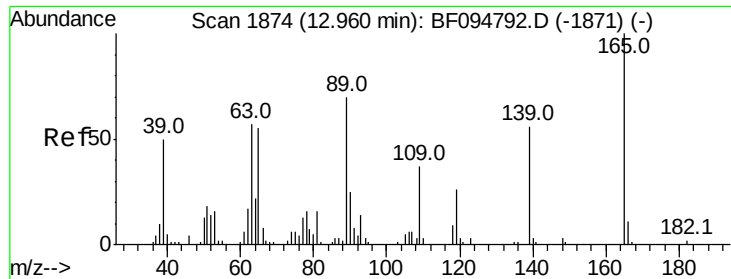
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#54
 Dibenzofuran
 Concen: 55.16 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	798059		
139	36.9	30.6	45.8	
169	13.8	10.8	16.2	





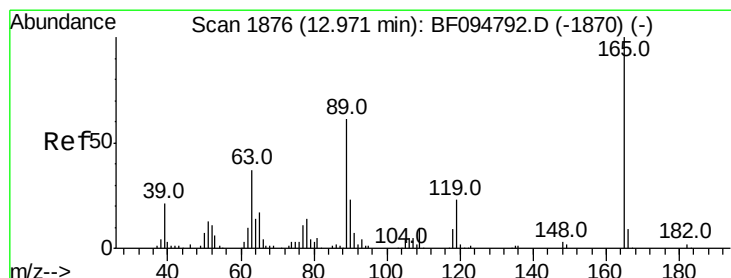
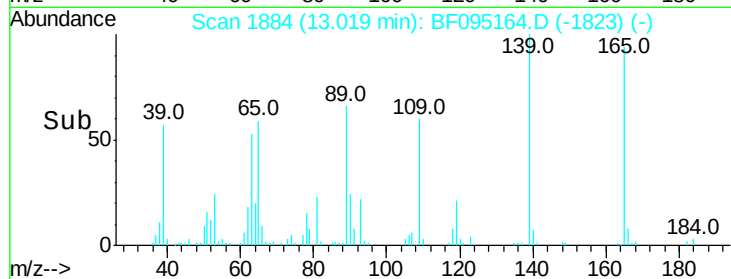
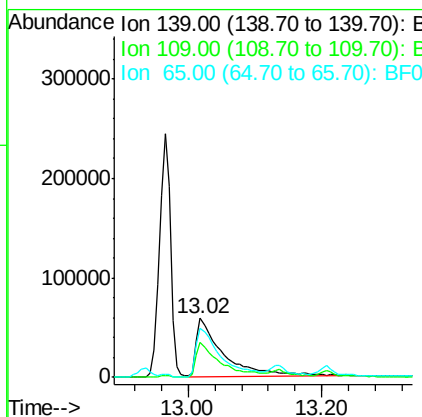
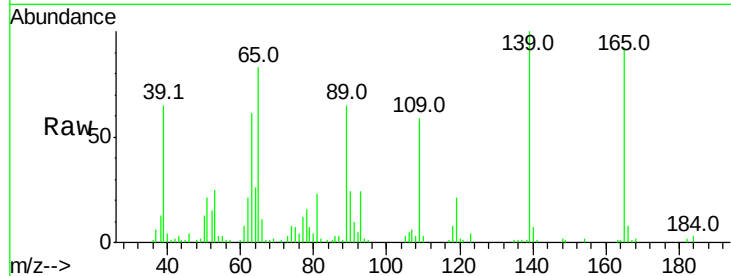
#55
4-Nitrophenol
Concen: 92.83 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	164779		
109	58.9	34.1	74.1	
65	83.3	31.4	71.4	

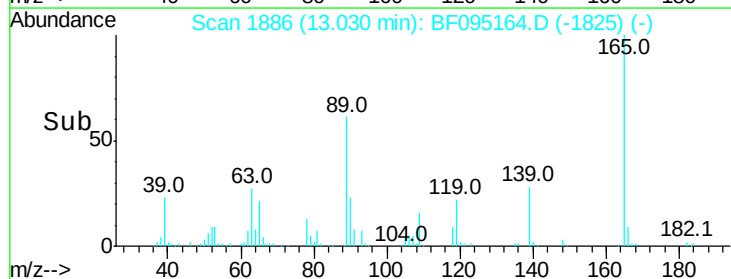
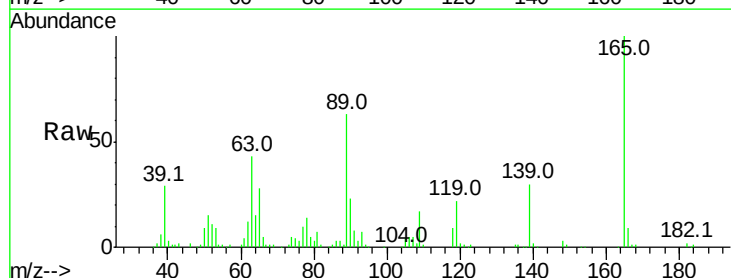
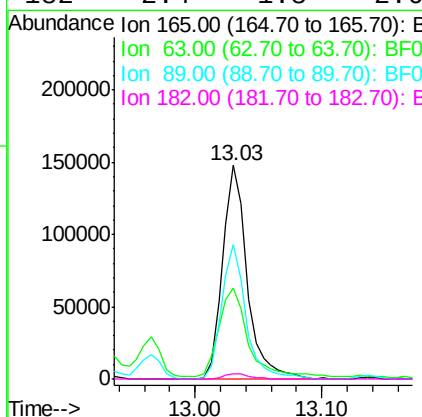
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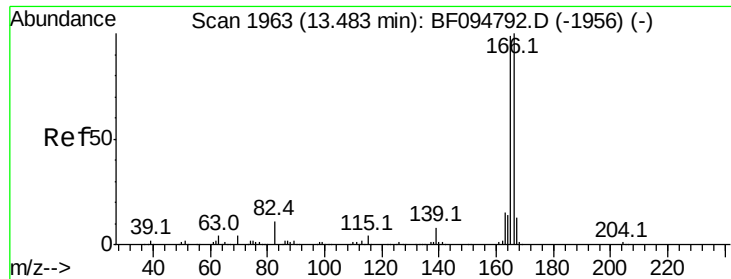
mohammad
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#56
2,4-Dinitrotoluene
Concen: 56.26 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	199050		
63	42.7	25.4	38.0	
89	63.2	46.4	69.6	
182	2.4	1.8	2.6	





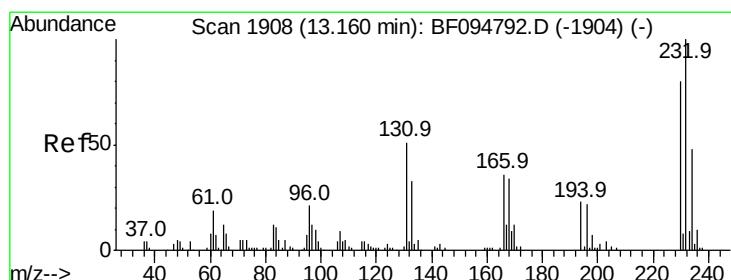
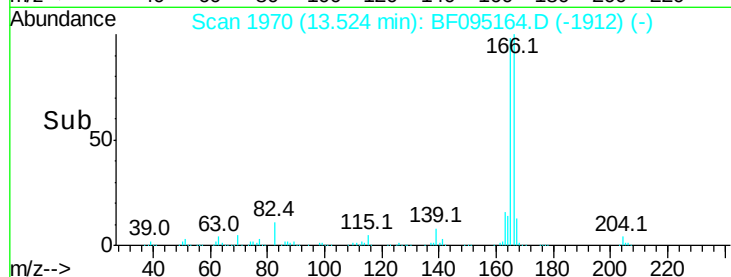
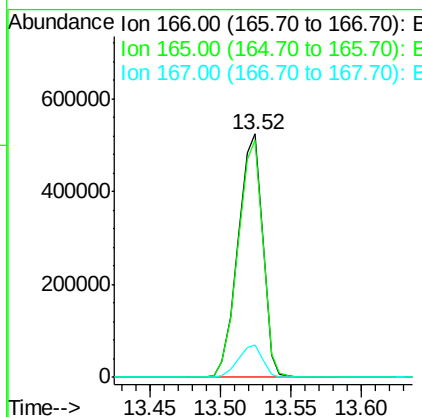
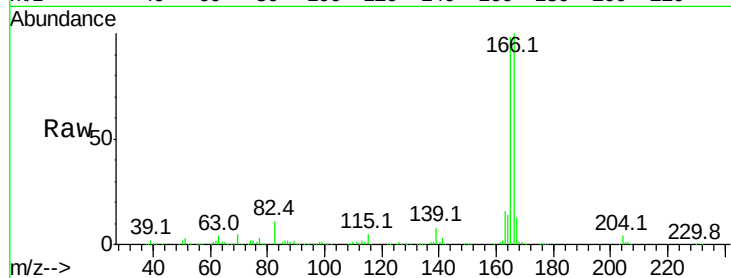
#57
 Fluorene
 Concen: 50.89 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	13.3	10.6	16.0

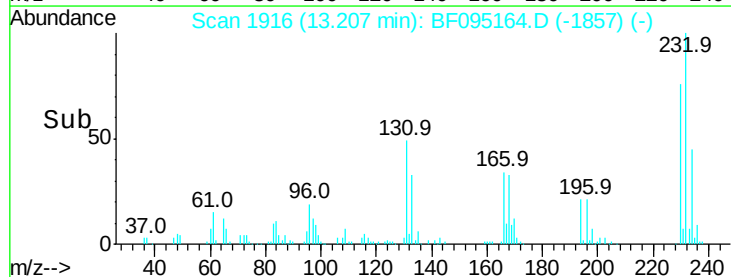
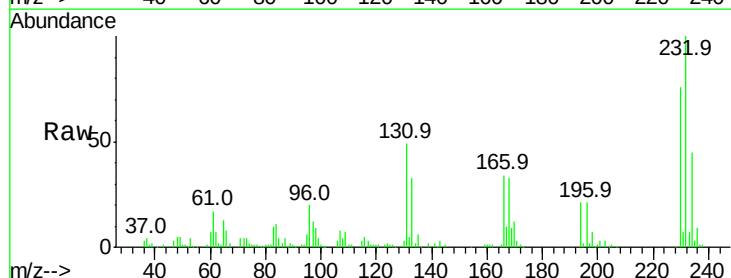
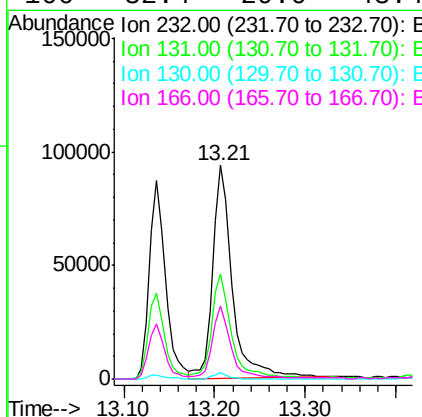
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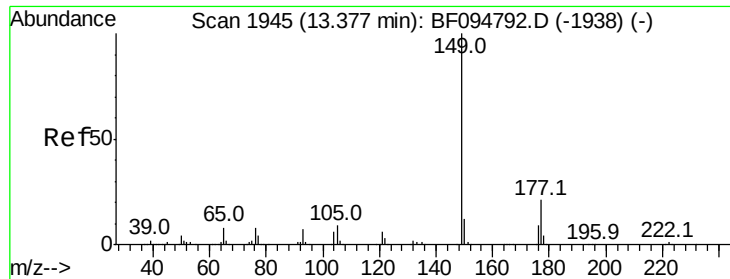
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.36 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.0	44.8	67.2
130	2.3	2.3	3.5#
166	32.4	29.0	43.4





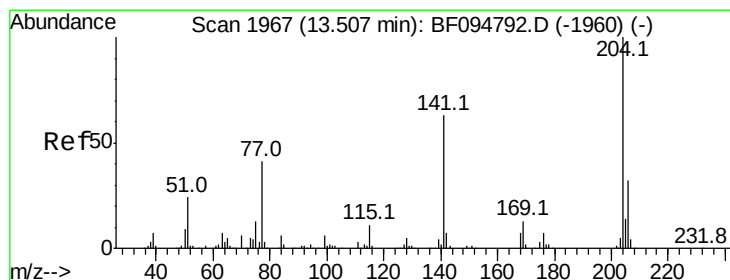
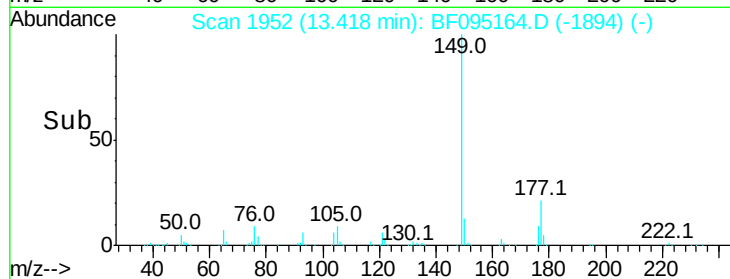
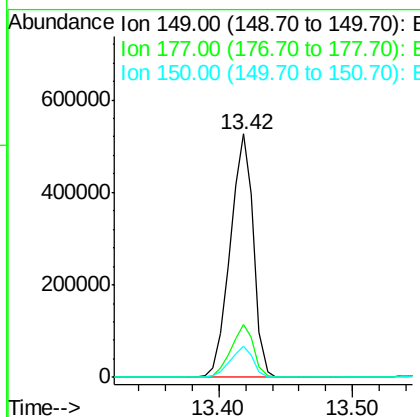
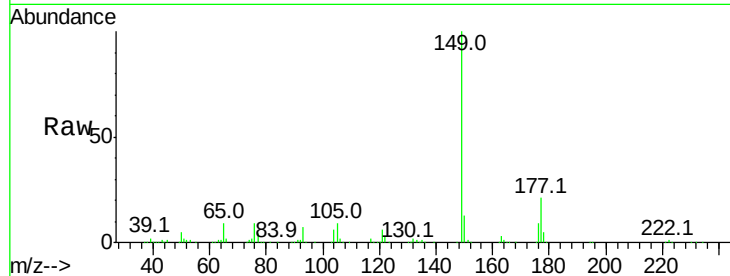
#59
Diethylphthalate
Concen: 49.53 ng
RT: 13.42 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	640755		
177	21.5	16.7	25.1	
150	12.6	10.2	15.2	

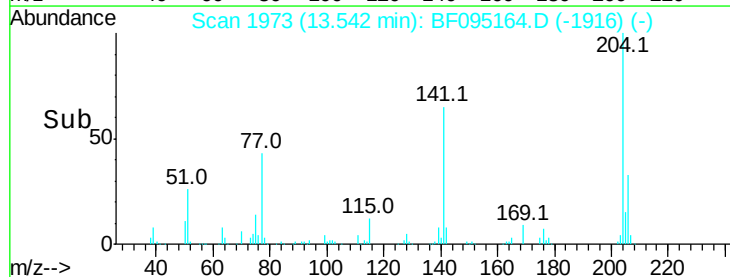
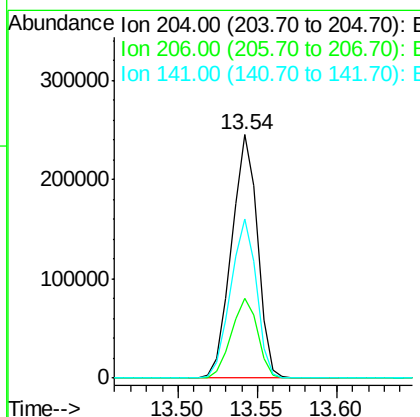
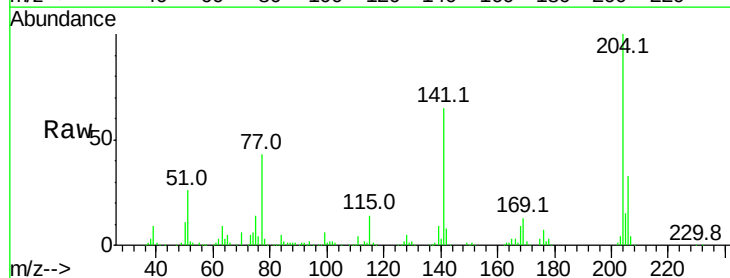
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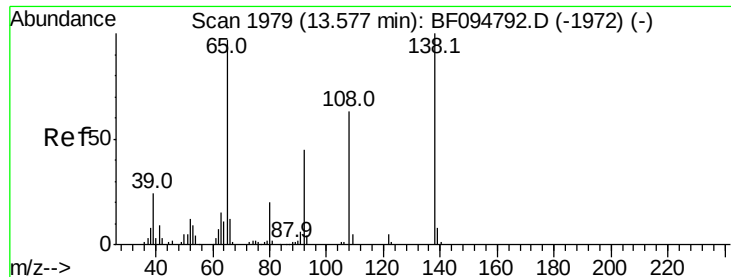
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 50.44 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	278889		
206	33.0	26.2	39.2	
141	65.3	60.8	91.2	





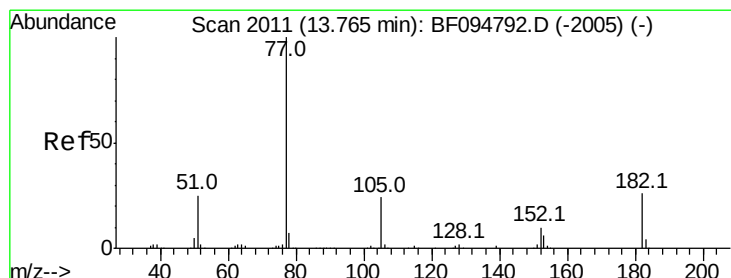
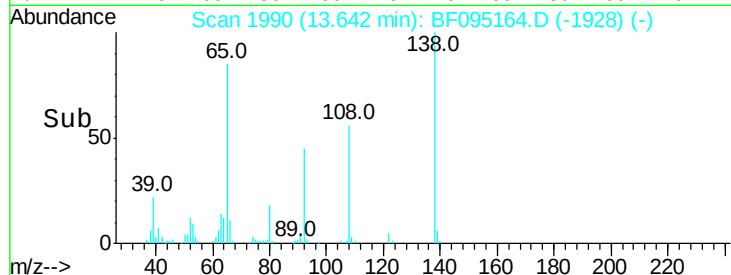
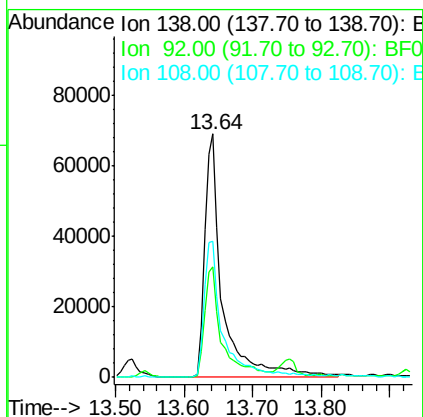
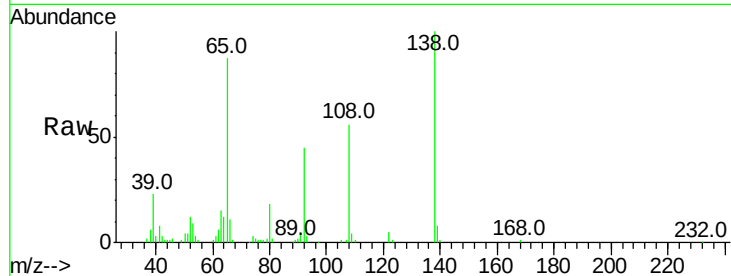
#61
4-Nitroaniline
Concen: 46.84 ng
RT: 13.64 min Scan# 1990
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	127087		
92	45.3	21.8	61.8	
108	56.0	42.3	82.3	

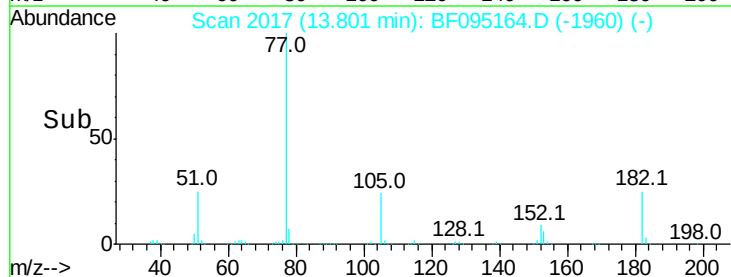
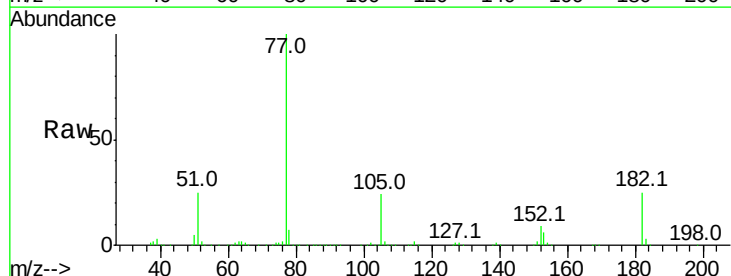
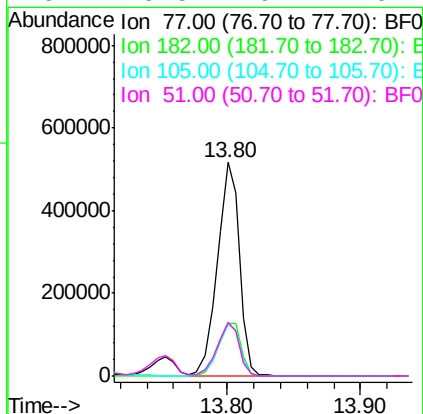
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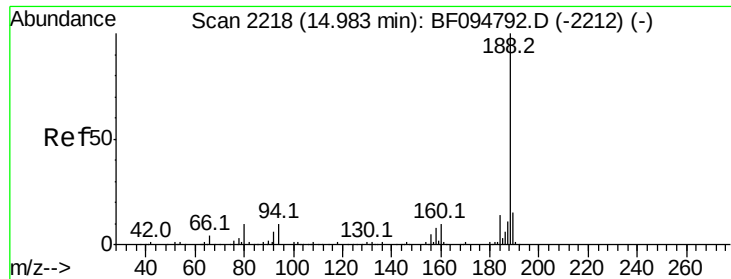
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#62
Azobenzene
Concen: 58.00 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	602843		
182	24.7	0.1	40.1	
105	24.2	3.6	43.6	
51	25.5	9.4	49.4	





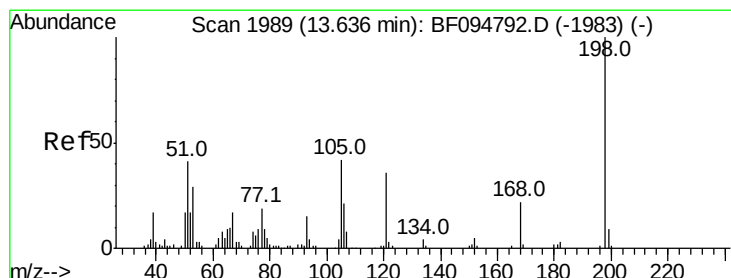
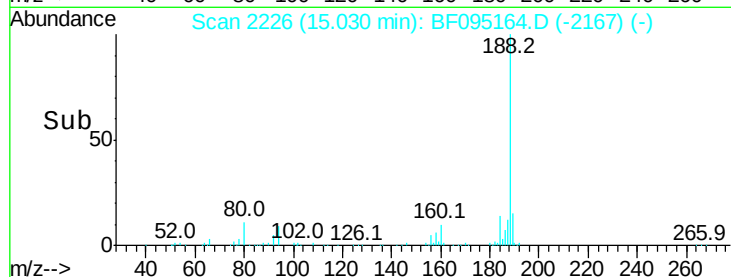
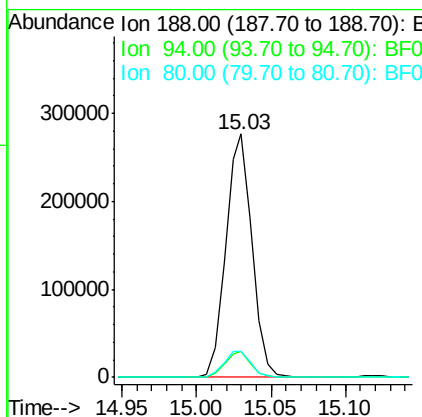
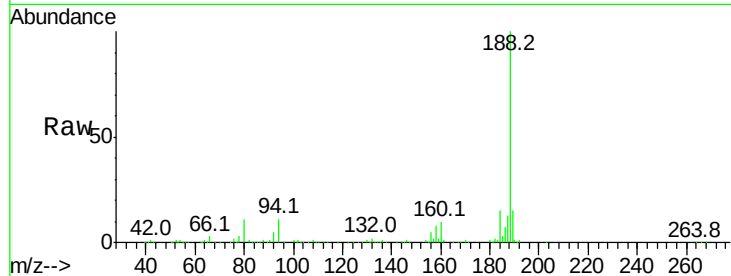
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	10.7	10.2	15.2	

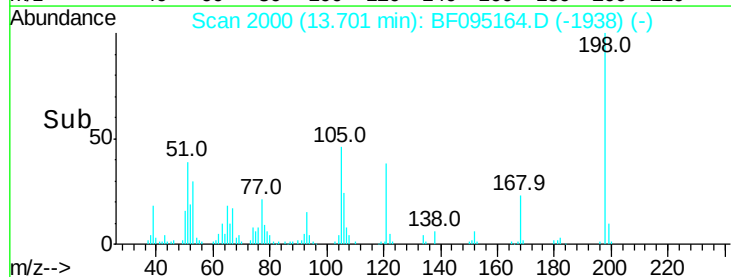
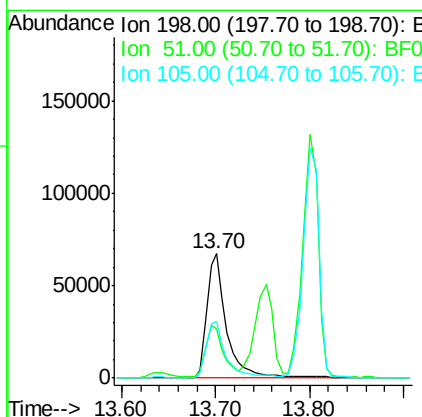
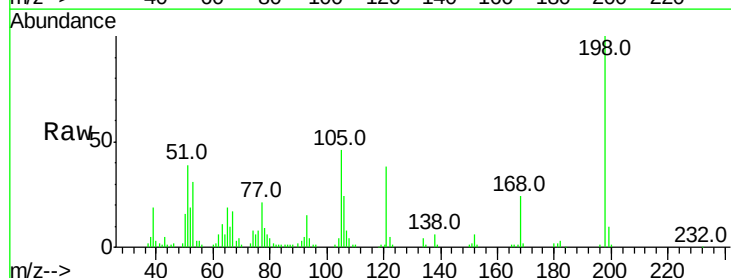
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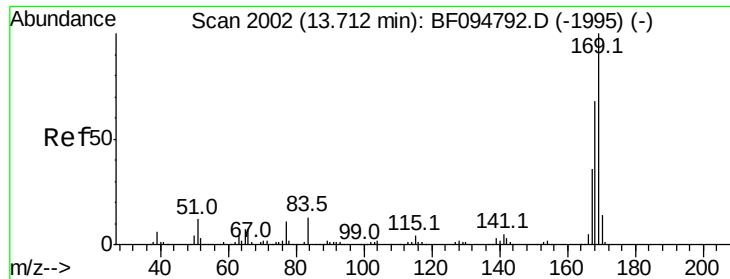
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.68 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	39.3	53.2	93.2#	
105	45.8	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 45.35 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

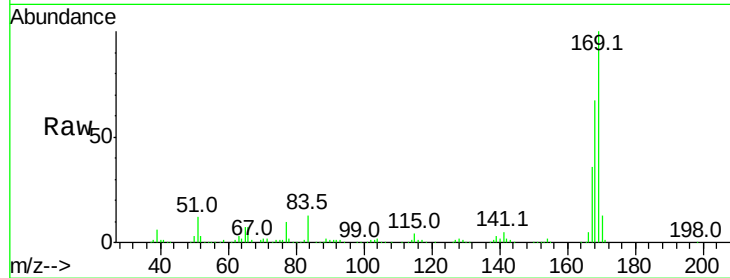
ClientSampleId :

E2-U10-ESWMSD

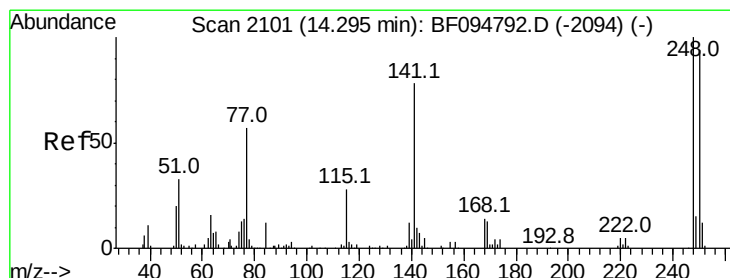
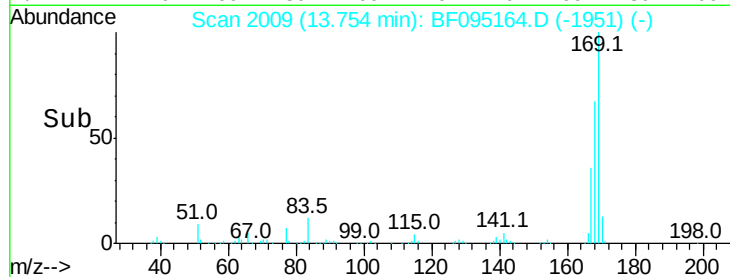
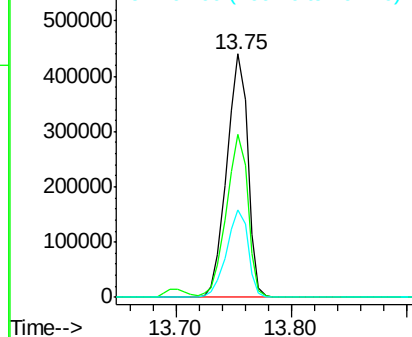
Tot Ion:	169	Resp:	558245
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.2	79.8
167	36.0	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 46.74 ng

RT: 14.33 min Scan# 2107

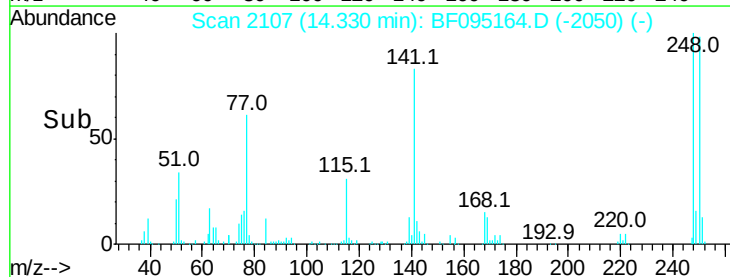
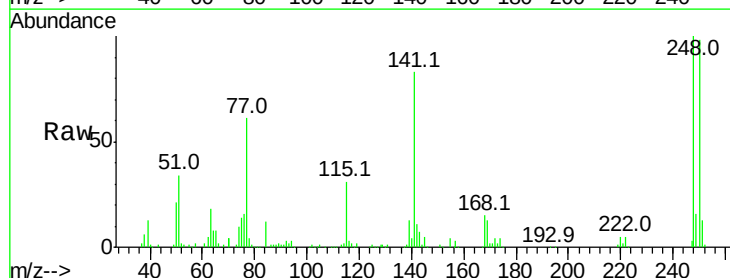
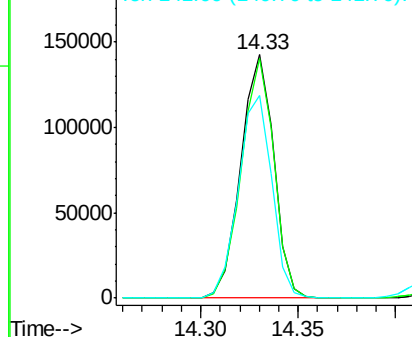
Delta R.T. 0.04 min

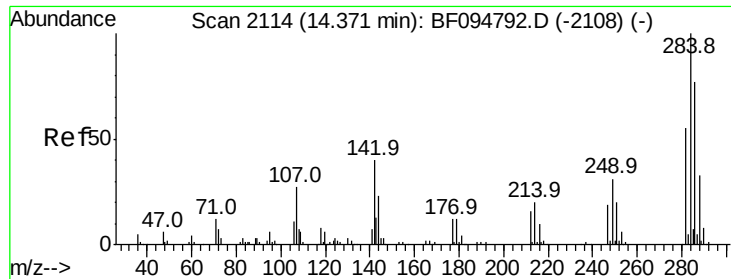
Lab File: BF095164.D

Acq: 16 May 2017 19:25

Tgt Ion:	248	Resp:	167514
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.8	115.2
141	83.4	68.6	103.0

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





#67

Hexachlorobenzene

Concen: 46.30 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

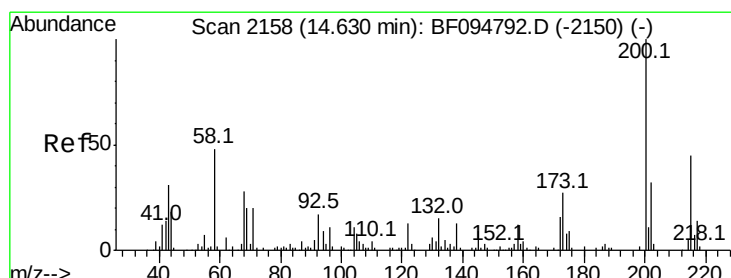
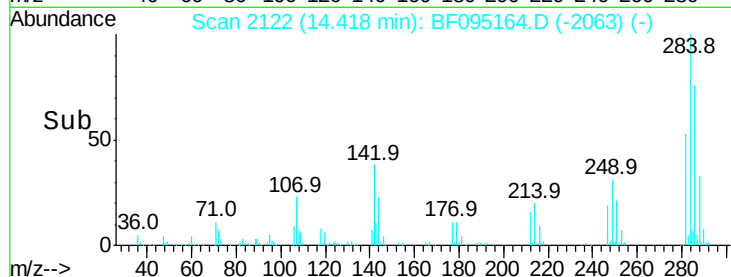
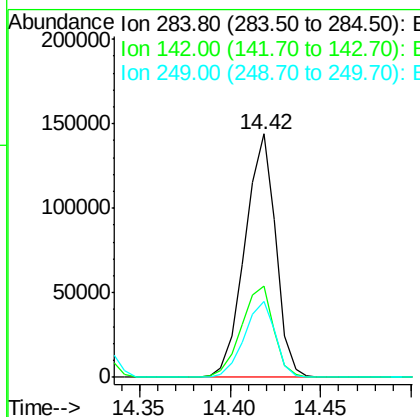
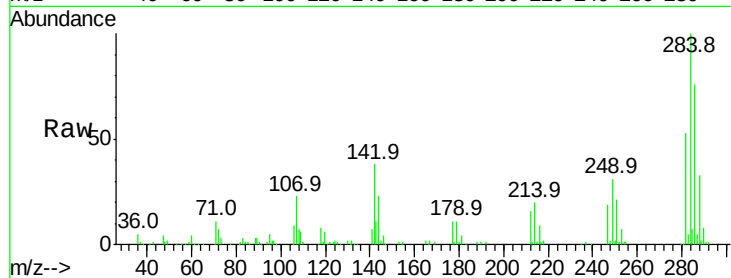
ClientSampleId :

E2-U10-ESWMSD

Tot Ion:	284	Resp:	170051
Ion Ratio		Lower	Upper
284	100		
142	37.7	22.8	34.2#
249	31.2	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 52.13 ng

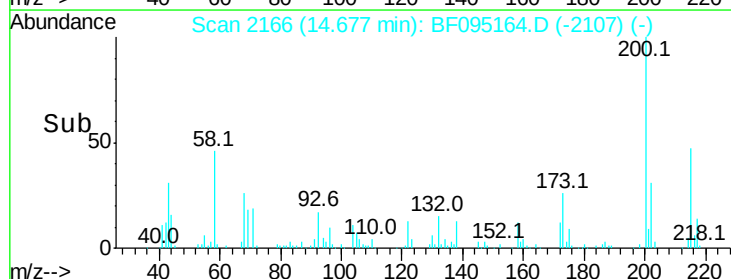
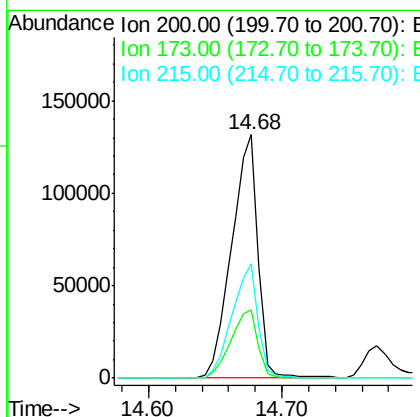
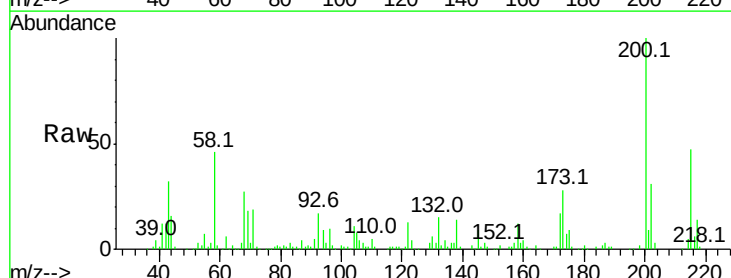
RT: 14.68 min Scan# 2166

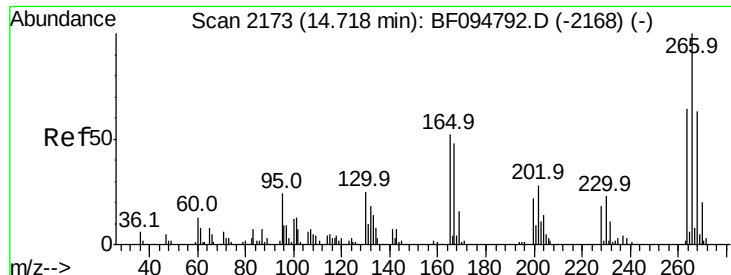
Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Tgt Ion:	200	Resp:	181186
Ion Ratio		Lower	Upper
200	100		
173	28.1	6.3	46.3
215	47.1	27.2	67.2





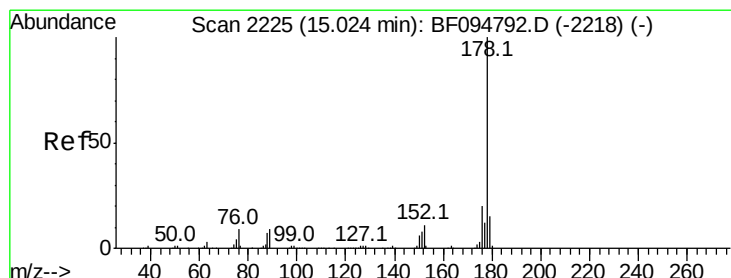
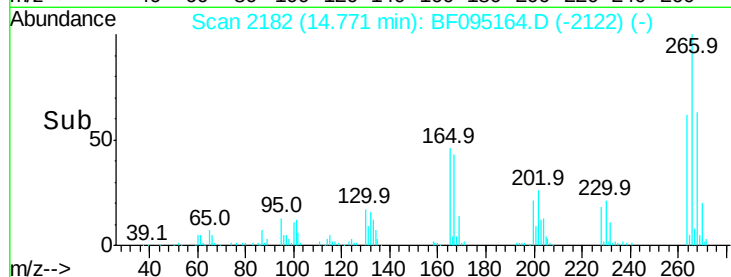
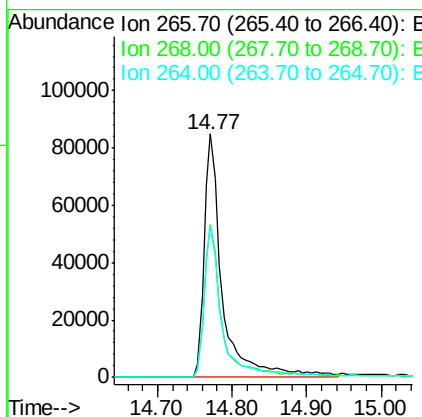
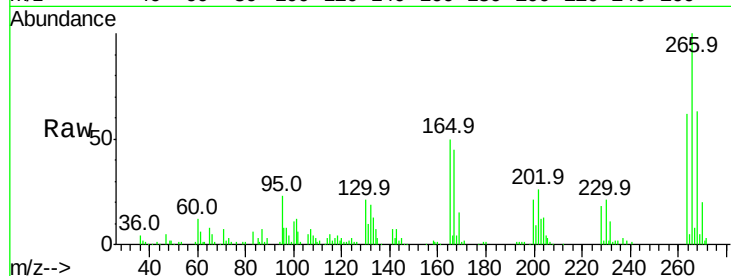
#69
 Pentachlorophenol
 Concen: 87.14 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	145640		
268	62.6	51.1	76.7	
264	62.3	51.7	77.5	

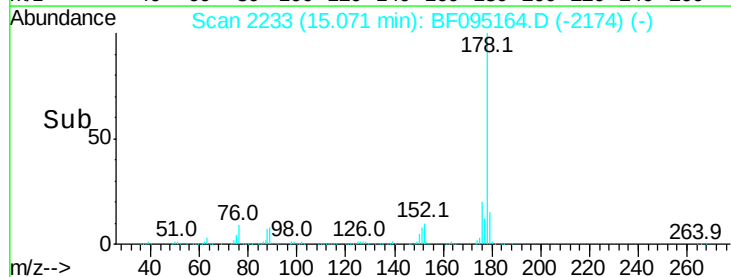
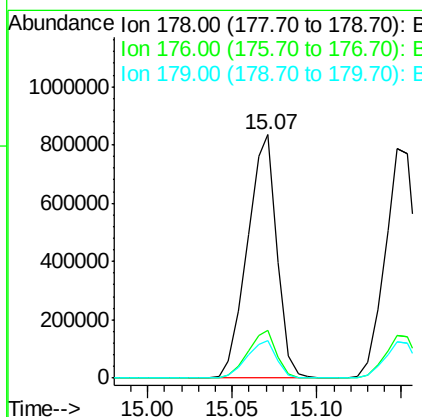
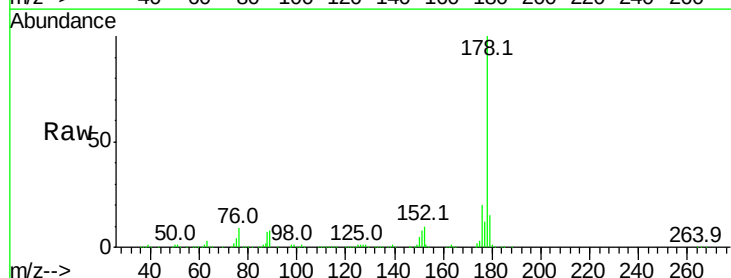
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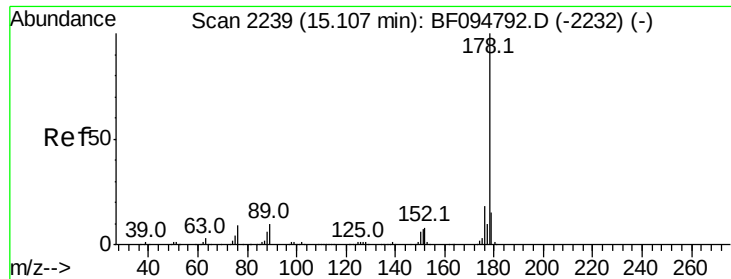
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#70
 Phenanthrene
 Concen: 52.29 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1018998		
176	19.8	16.2	24.4	
179	15.3	12.6	19.0	





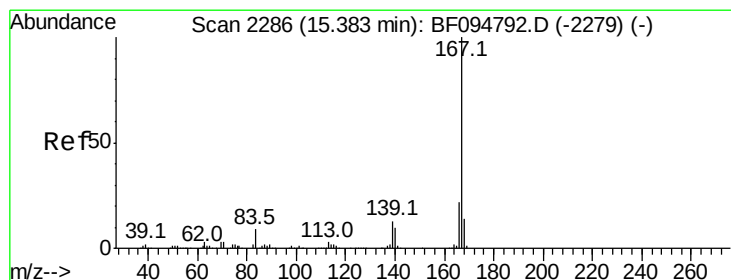
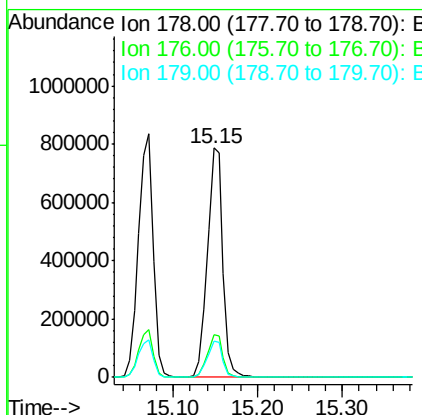
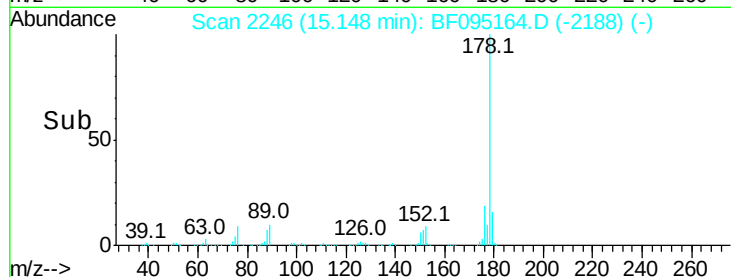
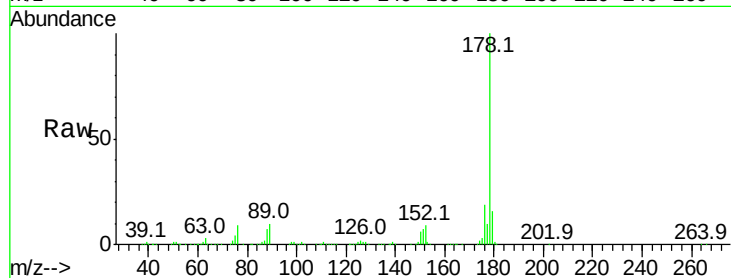
#71
 Anthracene
 Concen: 50.81 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion:178 Resp: 1011504
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1

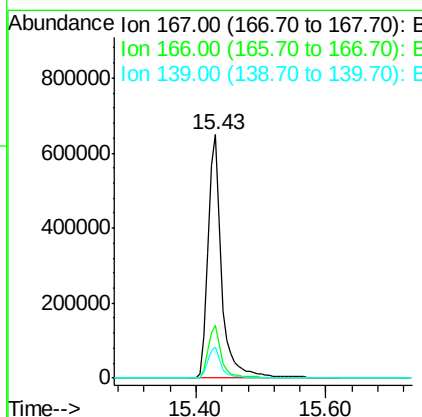
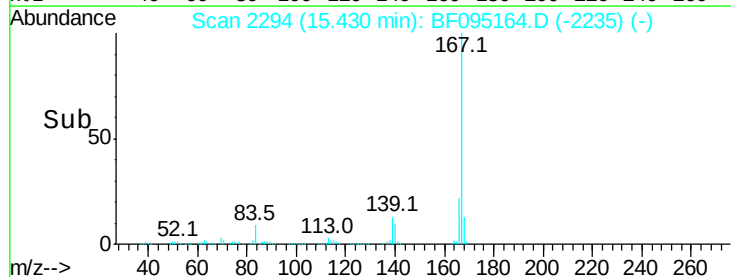
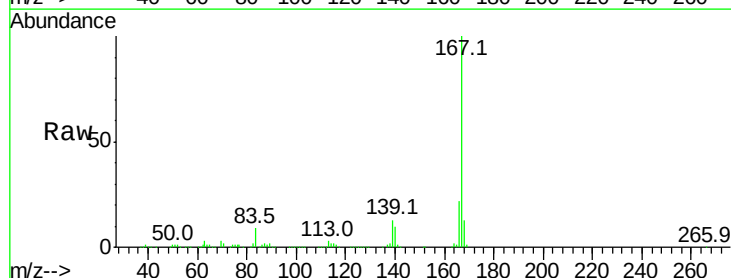
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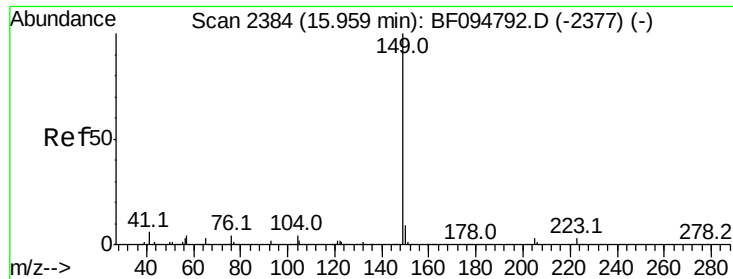
mohammad
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#72
 Carbazole
 Concen: 52.12 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:167 Resp: 944146
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.0 11.7 17.5





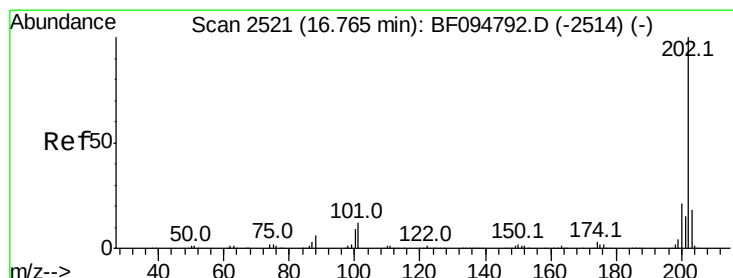
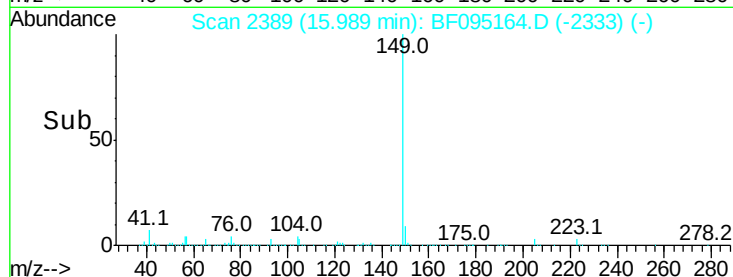
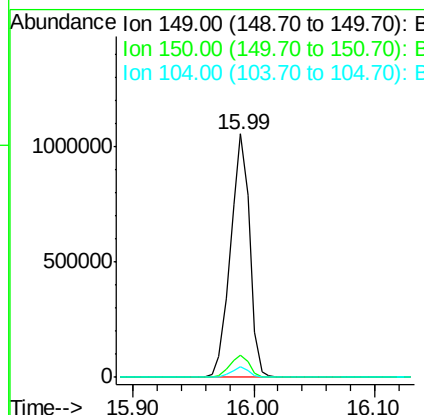
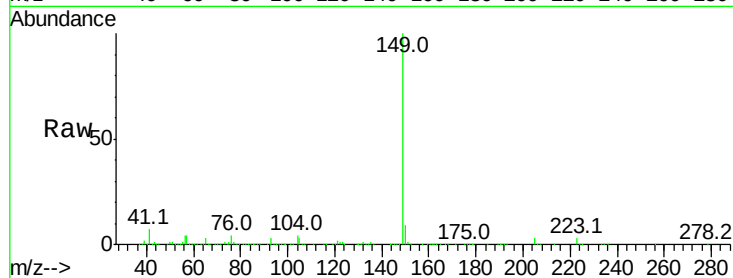
#73
Di-n-butylphthalate
Concen: 51.17 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.3	4.0	6.0

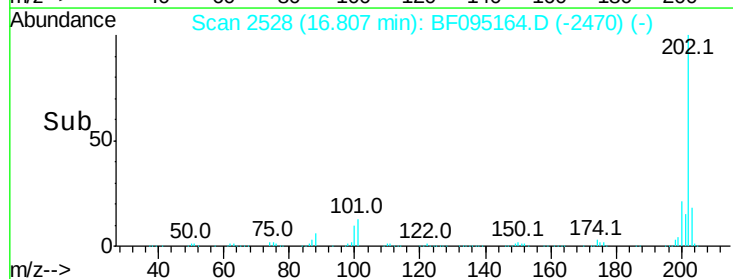
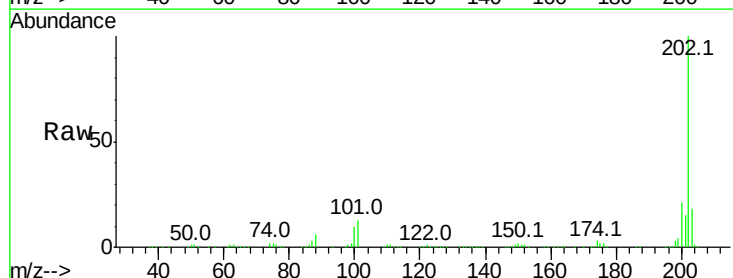
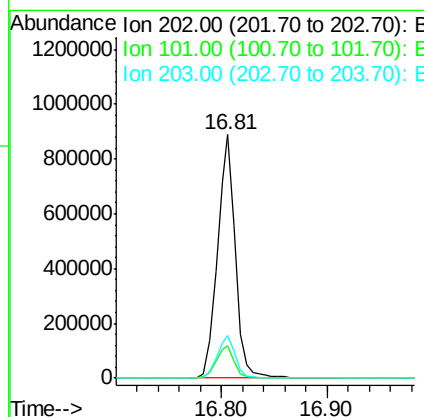
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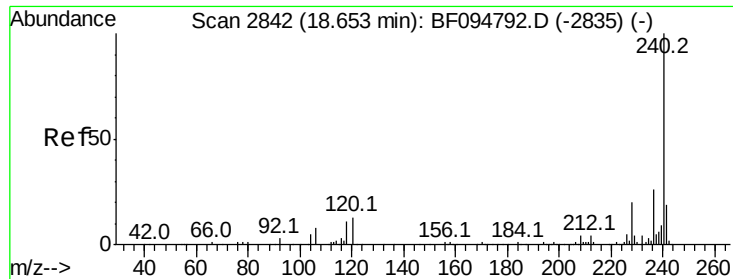
mohammad
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#74
Fluoranthene
Concen: 52.95 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.7	0.0	38.1





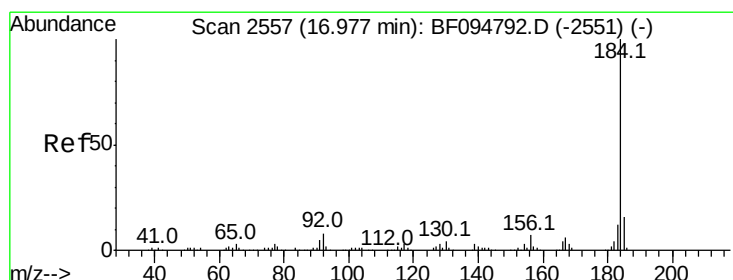
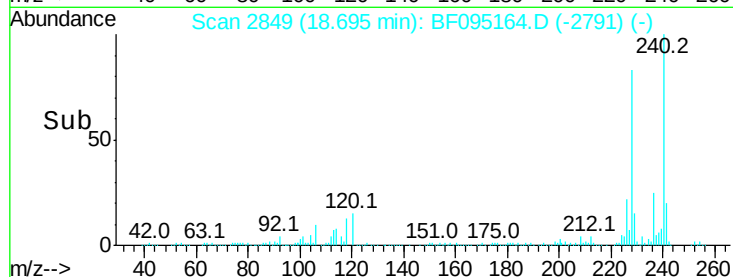
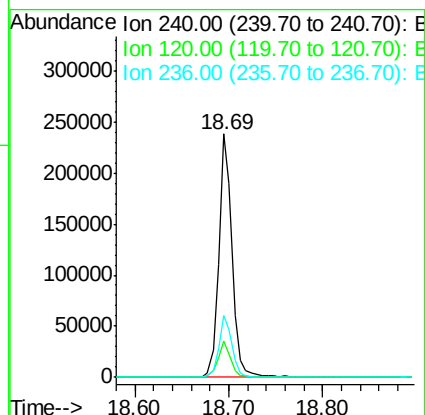
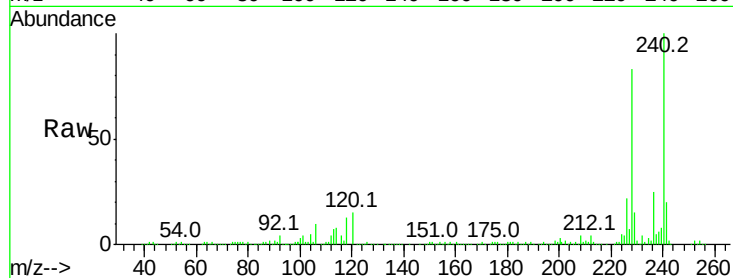
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.4	20.5	30.7

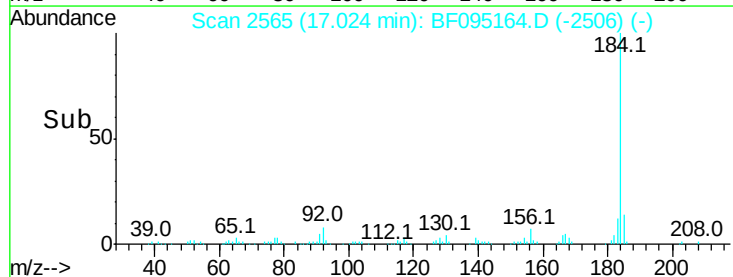
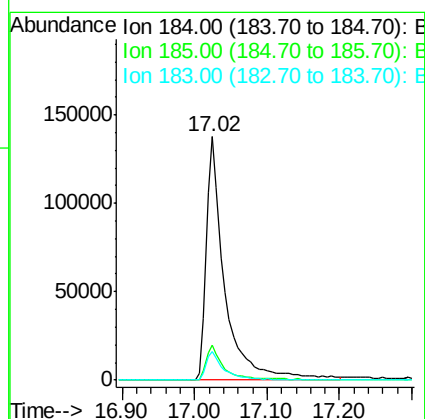
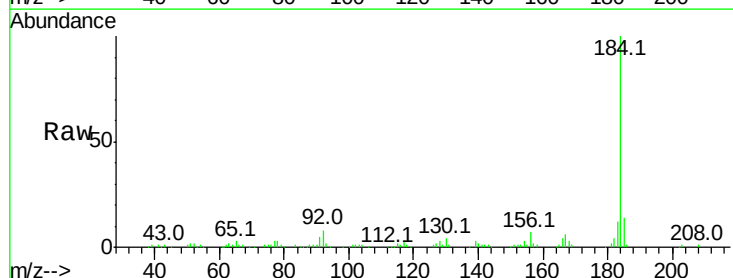
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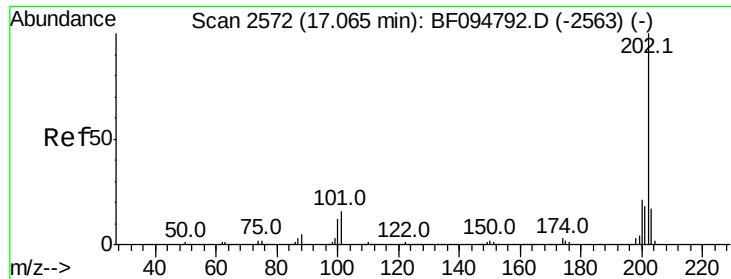
mohammad
5/17/2017 5:49:00 PM



#76
Benzidine
Concen: 39.73 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	11.7	9.8	14.6





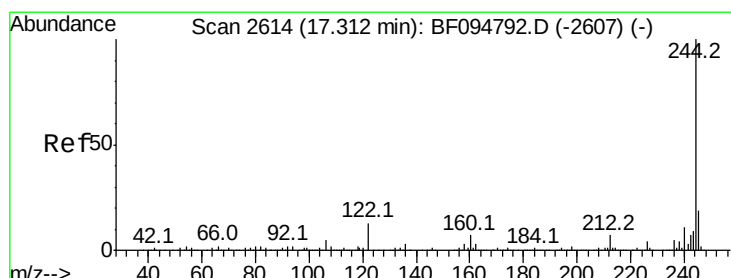
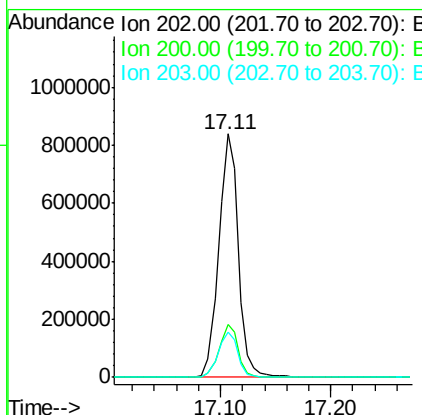
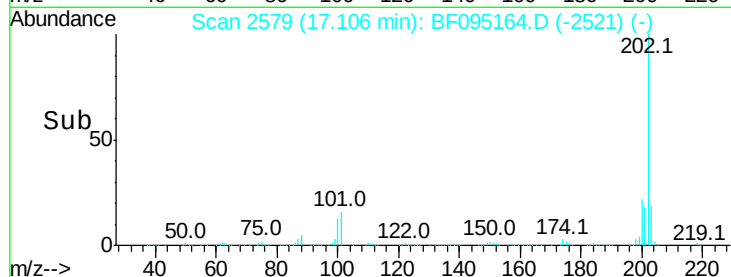
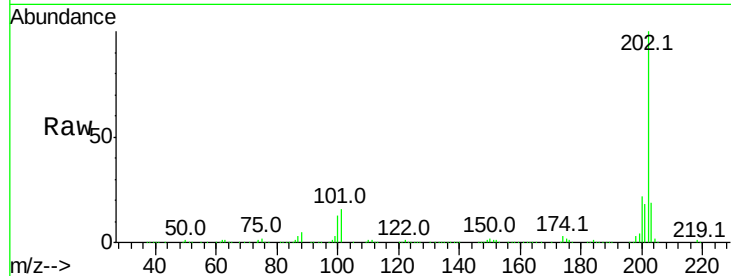
#77
Pvrene
Concen: 58.08 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion:202 Resp: 1030343
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.6 14.4 21.6

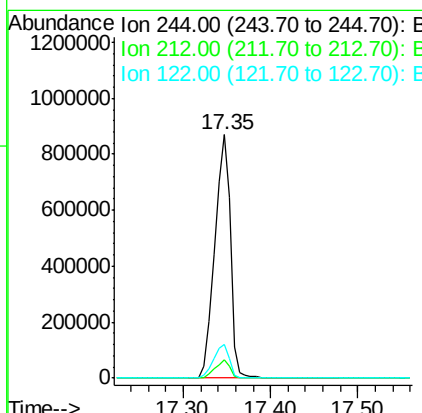
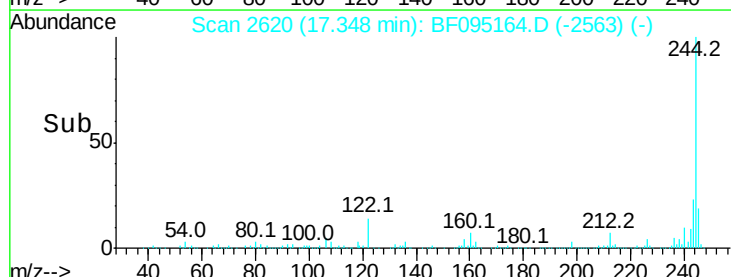
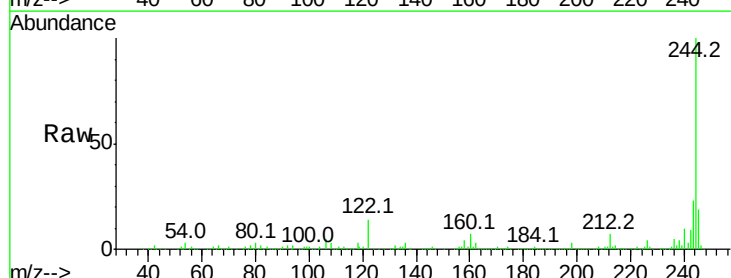
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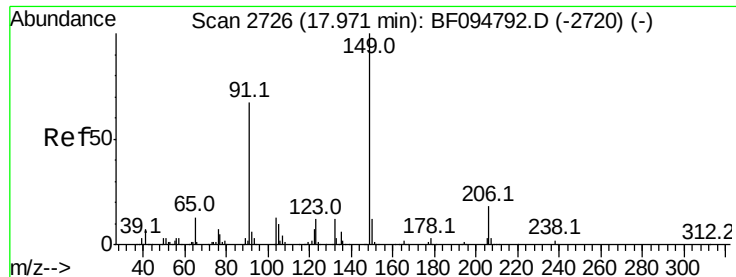
mohammad
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#78
Terphenyl-d14
Concen: 101.37 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:244 Resp: 1091691
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.0 10.3 15.5





#79

Butylbenzylphthalate

Concen: 55.28 ng

RT: 18.01 min Scan# 2732

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

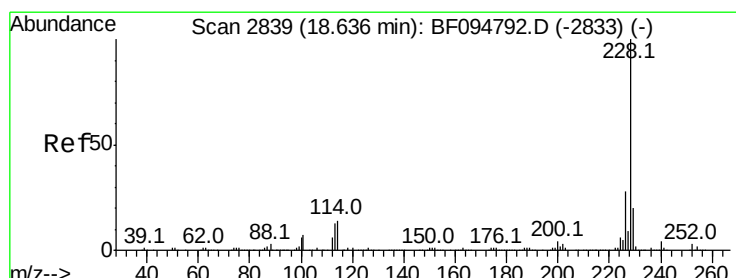
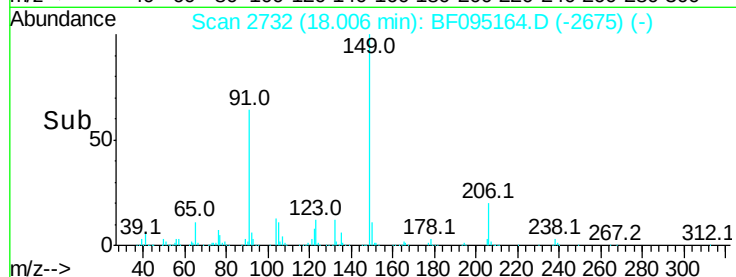
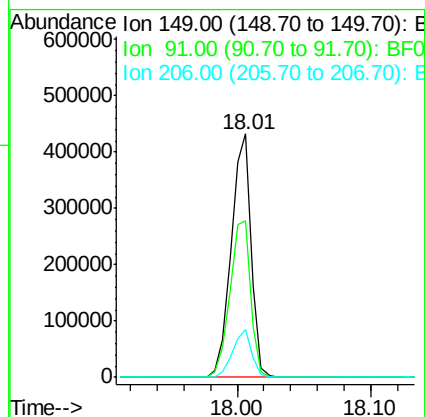
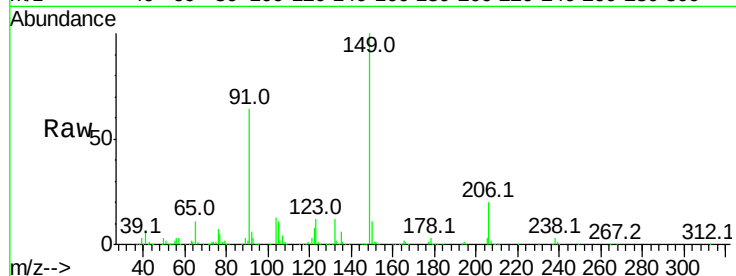
ClientSampleId :

E2-U10-ESWMSD

Tot Ion:	149	Resp:	456105
Ion Ratio	Lower	Upper	
149	100		
91	64.2	45.0	67.4
206	19.7	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 51.69 ng

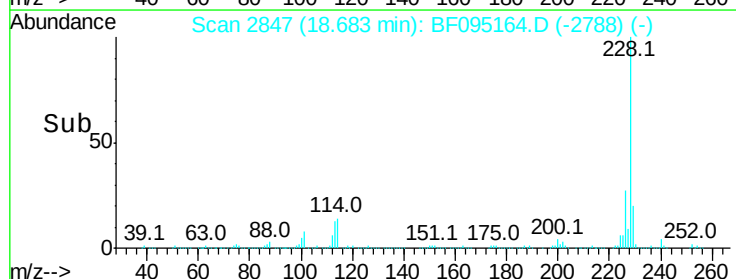
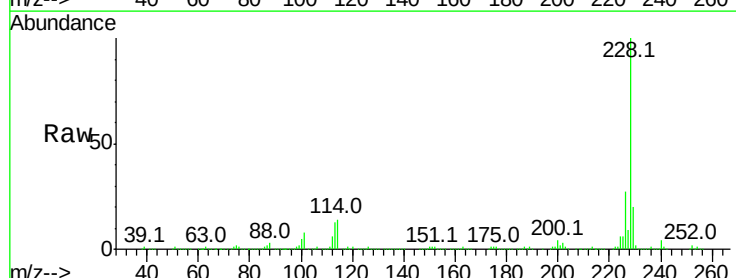
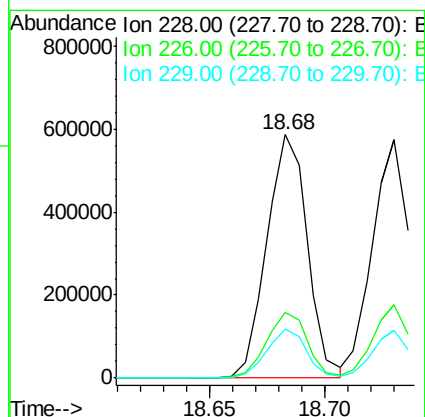
RT: 18.68 min Scan# 2847

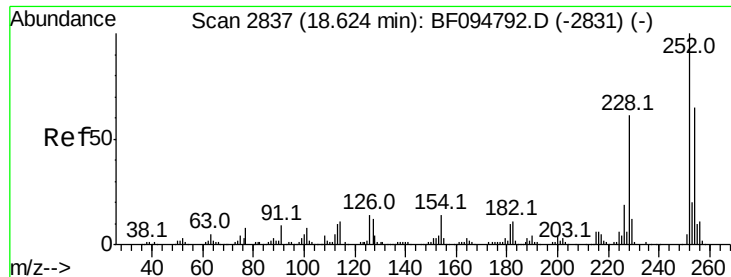
Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Tgt Ion:	228	Resp:	713524
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	33.8
229	20.3	16.3	24.5





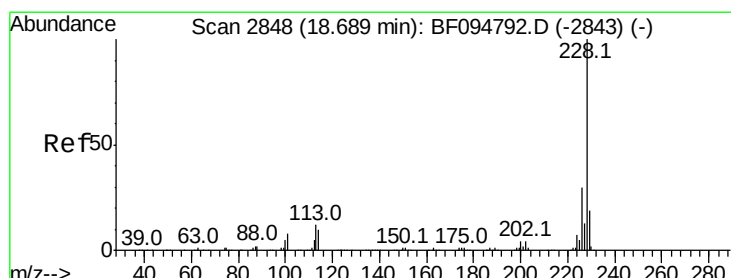
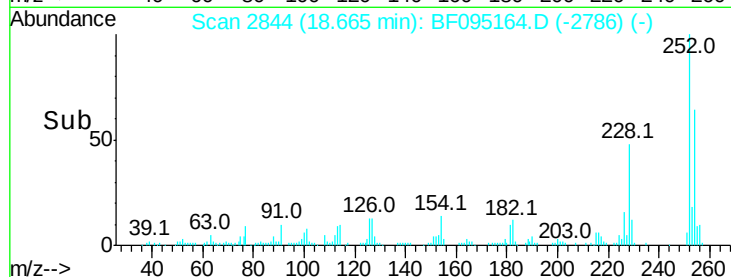
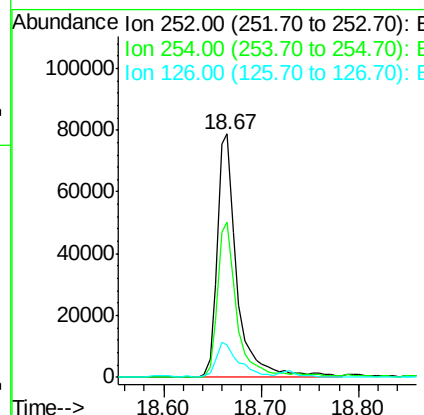
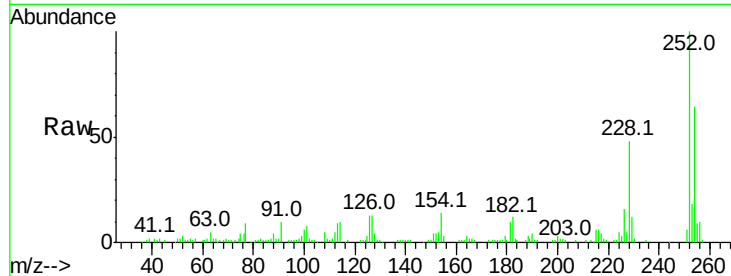
#81
 3,3'-Dichlorobenzidine
 Concen: 23.24 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-U10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	110814		
254	63.9	51.5	77.3	
126	13.4	15.8	23.8	

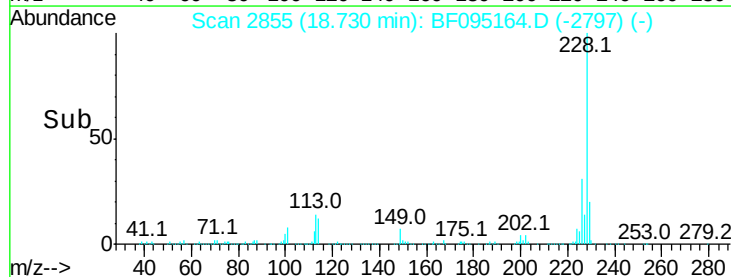
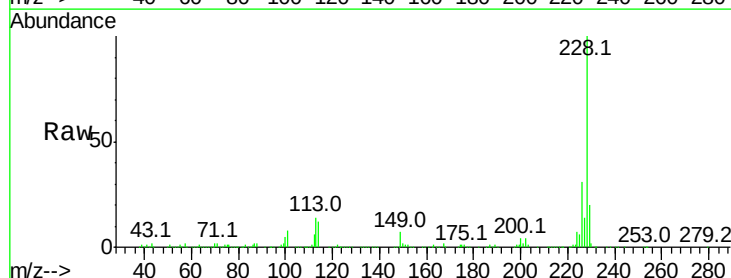
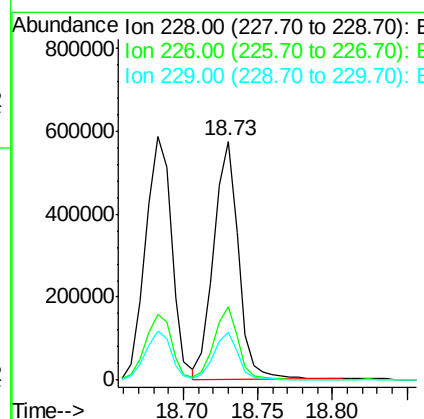
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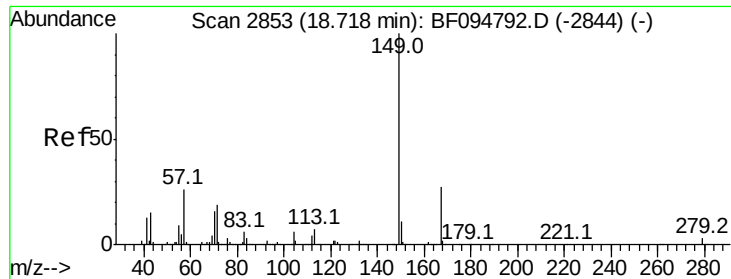
mohammad
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#82
 Chrysene
 Concen: 49.67 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662943		
226	30.7	24.9	37.3	
229	20.1	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.68 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMSD

Tot Ion:149 Resp: 654626

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

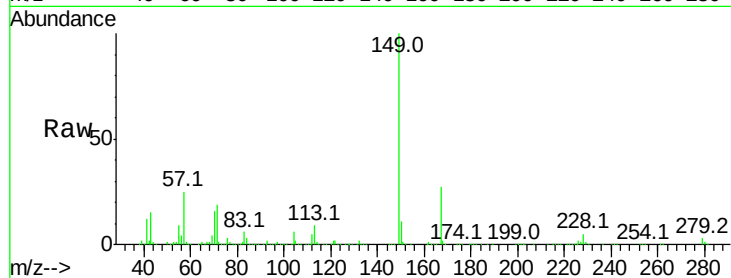
279 3.2 1.9 2.9#

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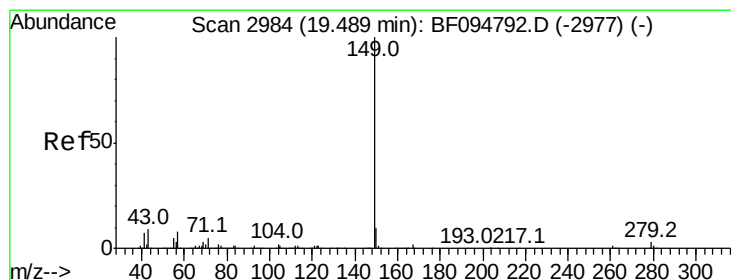
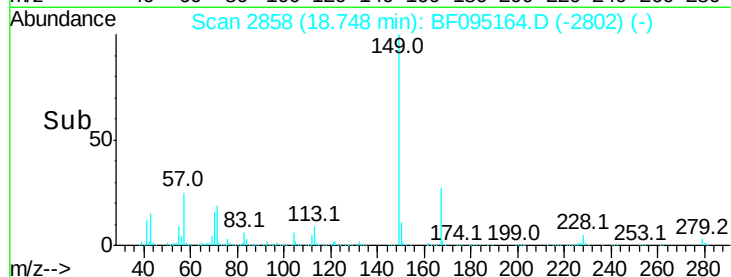
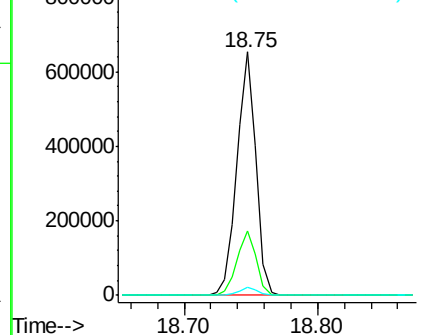
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.23 ng

RT: 19.52 min Scan# 2989

Delta R.T. 0.03 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

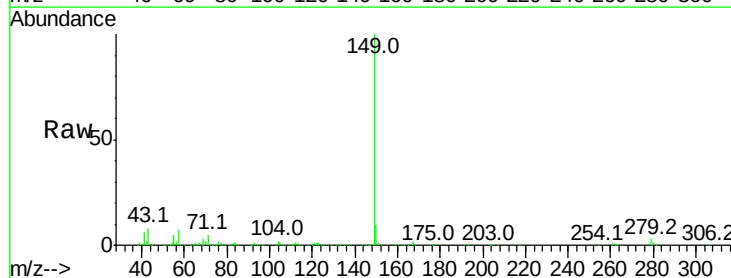
Tgt Ion:149 Resp: 1006657

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

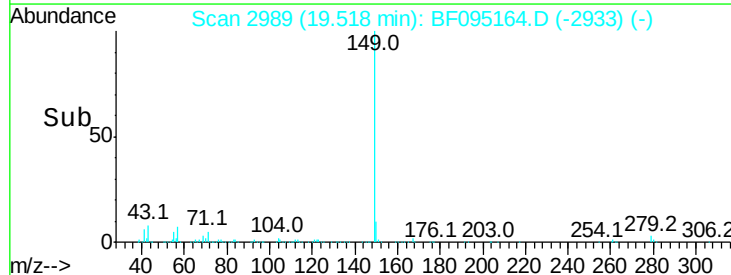
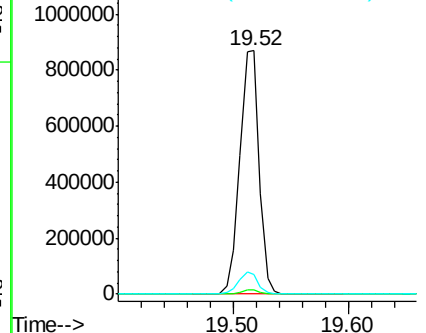
43 8.8 8.5 12.7

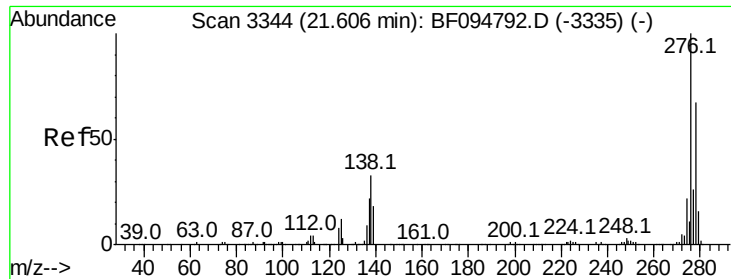


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





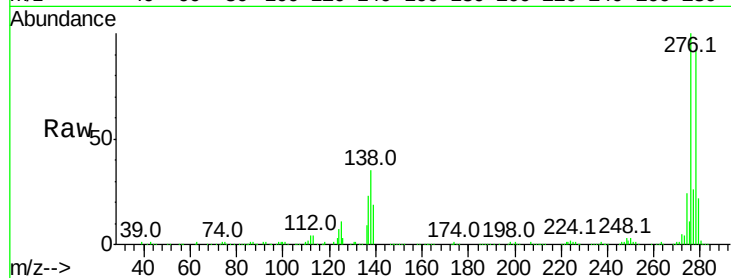
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.84 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampled :
 E2-U10-ESWMSD

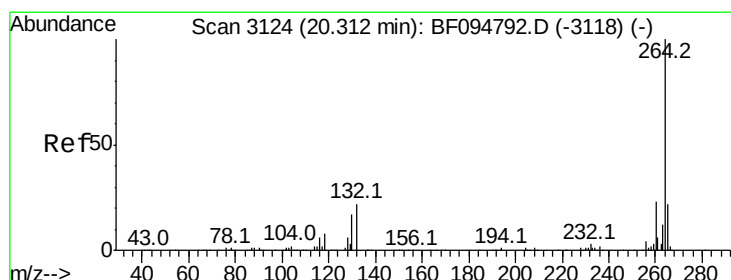
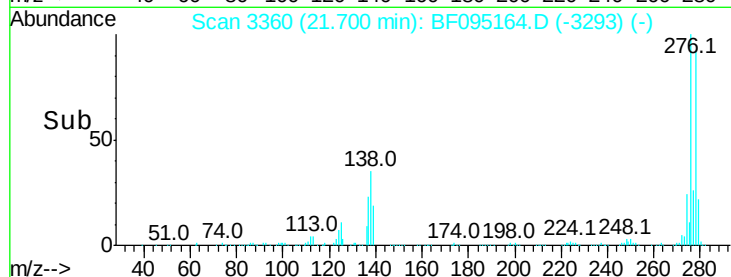
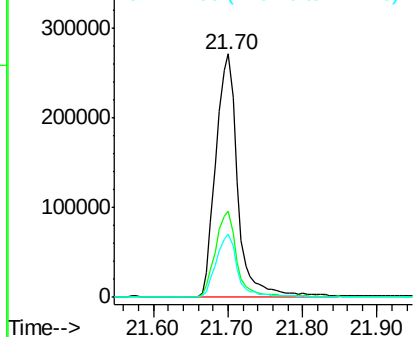
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.1	20.2	30.4

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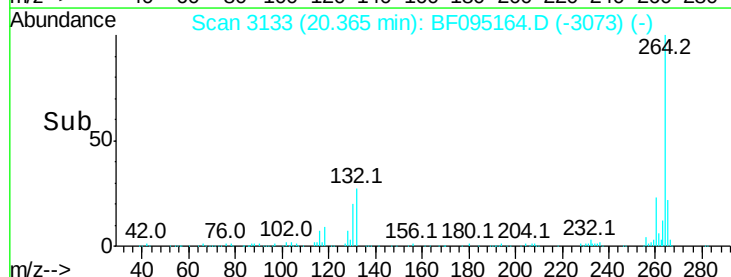
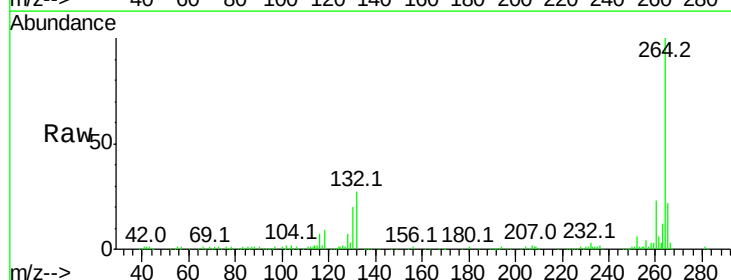
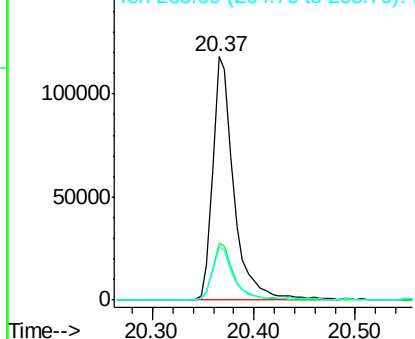
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

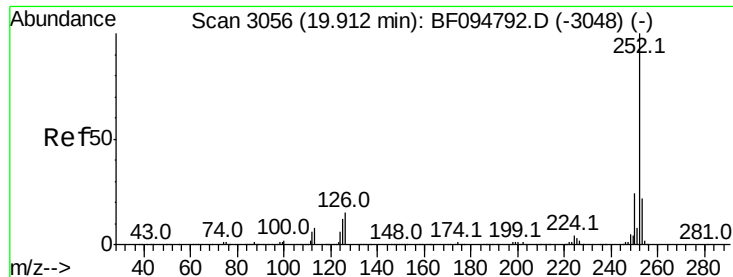


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.9	17.2	25.8

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





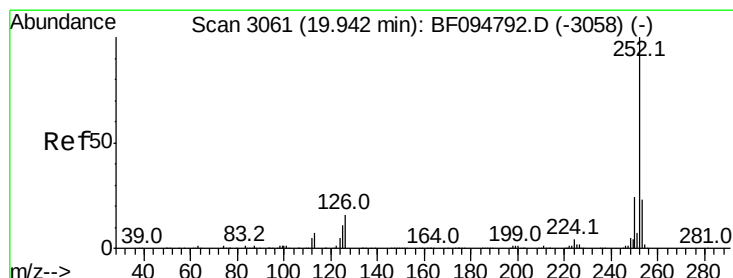
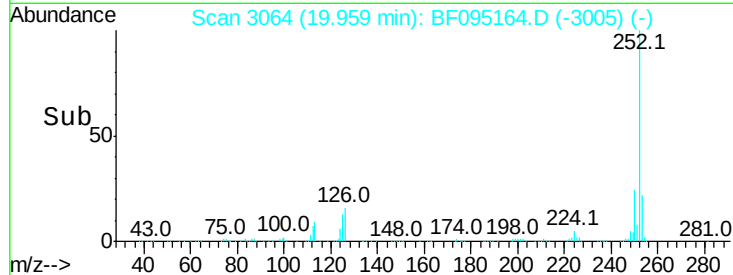
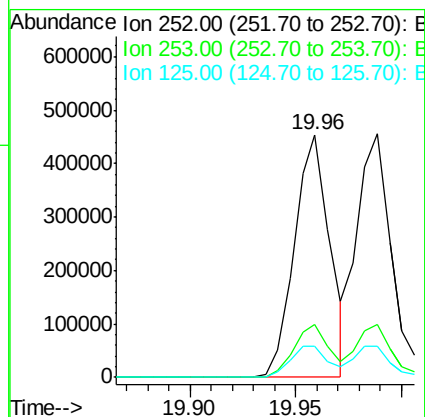
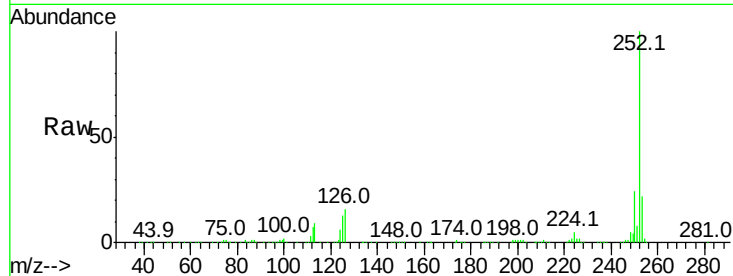
#87
Benzo(b)fluoranthene
Concen: 50.02 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.8	9.8	14.8

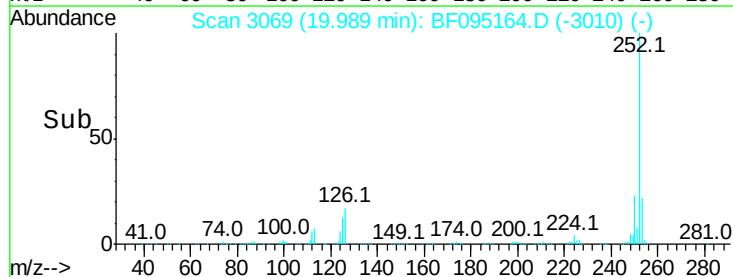
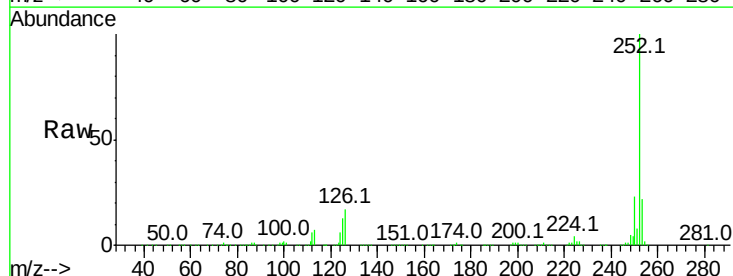
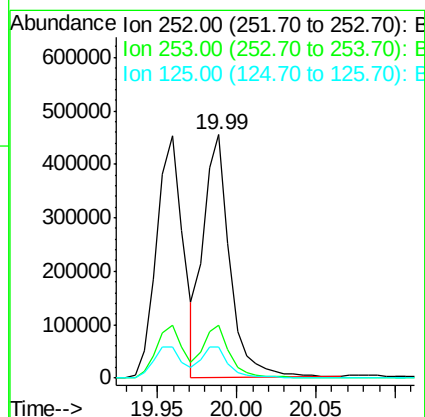
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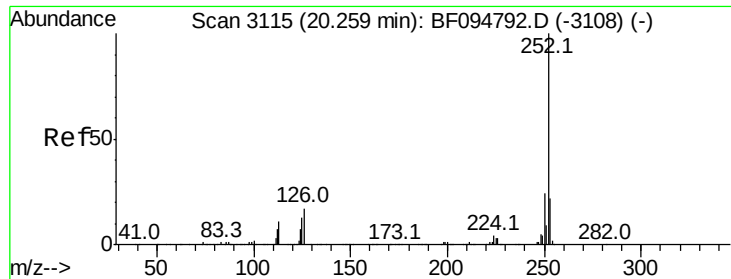
mohammad
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#88
Benzo(k)fluoranthene
Concen: 51.66 ng
RT: 19.99 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.5	13.1	19.7#





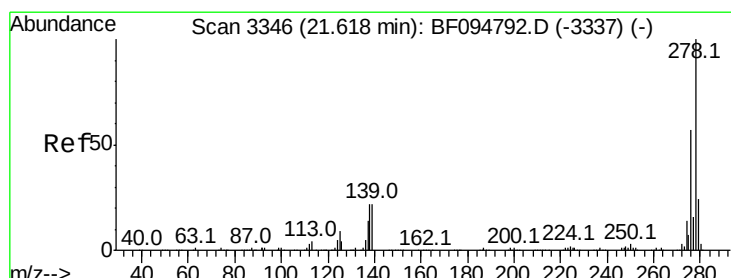
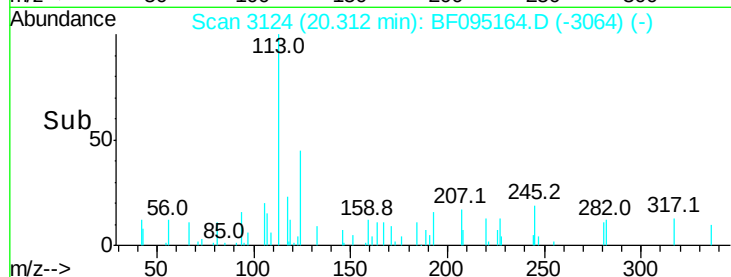
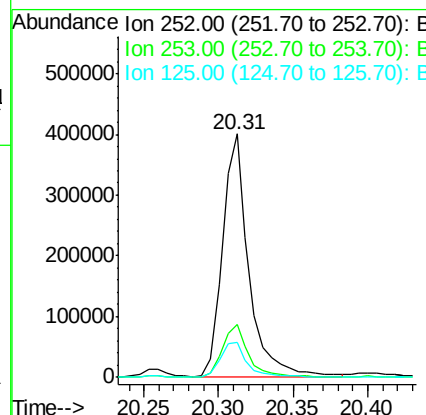
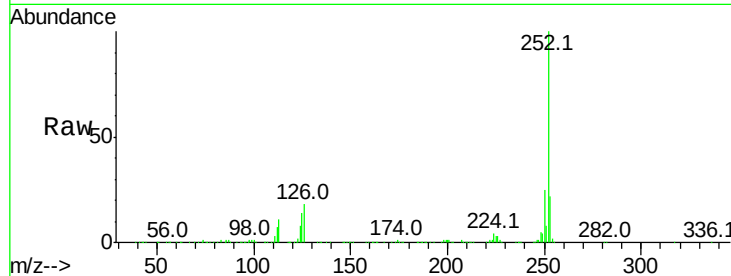
#89
Benzo(a)pyrene
Concen: 50.11 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :
E2-U10-ESWMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.2	11.0	16.4

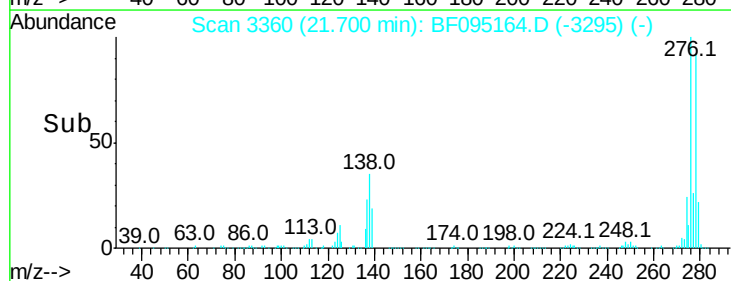
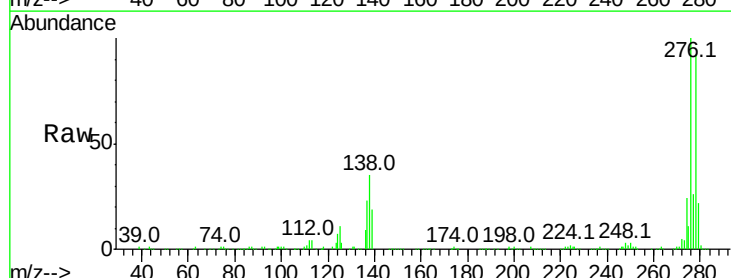
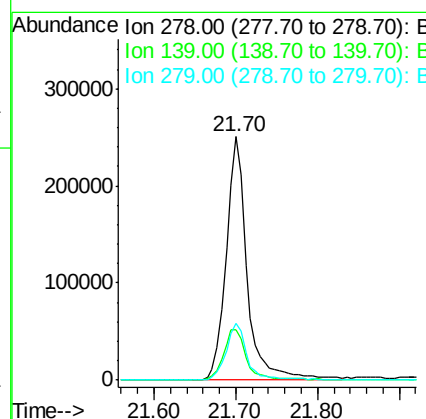
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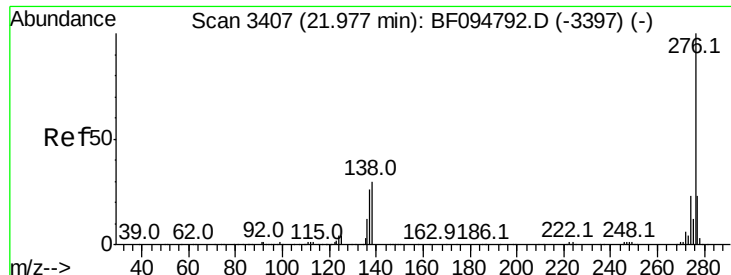
mohammad
5/17/2017 5:49:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.11 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.6	24.8
279	23.5	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 62.42 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

E2-U10-ESWMSD

Tot Ion:	276	Resp:	493127
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.1	25.4	38.0

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