

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094844.D
 Acq On : 3 May 2017 20:34
 Operator : SJ/MA
 Sample : I2914-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Manual Integrations
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mohammad
 5/4/2017 3:34:47 PM

Quant Time: May 12 18:03:06 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	7.73	152	96203	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	390736	20.00	ng	0.00
38) Acenaphthene-d10	12.57	164	100537	20.00	ng	-0.01
63) Phenanthrene-d10	14.98	188	300783	20.00	ng	0.00
75) Chrysene-d12	18.64	240	112673	20.00	ng	-0.02
86) Perylene-d12	20.31	264	2367	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	808891	140.18	ng	0.02
7) Phenol-d6	7.28	99	717569	103.64	ng	0.00
23) Nitrobenzene-d5	8.63	82	604882	97.62	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	239015	290.29	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1188379	170.13	ng	0.00
78) Terphenyl-d14	17.31	244	1023262	200.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	101667	35.93	ng	# 83
3) Pyridine	3.06	79	43014m	6.56	ng	
4) n-Nitrosodimethylamine	2.82	42	84418	30.88	ng	85
8) 2-Chlorophenol	7.42	128	311557	47.44	ng	95
9) Benzaldehyde	7.05	77	57896	13.69	ng	99
10) Phenol	7.30	94	278751	38.21	ng	88
11) bis(2-Chloroethyl)ether	7.37	93	270306	44.88	ng	95
12) 1,3-Dichlorobenzene	7.64	146	299566	40.21	ng	98
13) 1,4-Dichlorobenzene	7.76	146	305006	40.37	ng	98
14) 1,2-Dichlorobenzene	8.00	146	294570	41.77	ng	96
15) Benzyl Alcohol	8.05	79	21131m	4.75	ng	
16) 2,2'-oxybis(1-Chloropropan	8.22	45	362805	42.56	ng	71
17) 2-Methylphenol	8.22	107	188479	35.07	ng	# 82
18) Hexachloroethane	8.51	117	101810	39.78	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	183430	39.17	ng	94
20) 3+4-Methylphenols	8.48	107	259545	35.54	ng	# 56
22) Acetophenone	8.40	105	444088	47.37	ng	# 84
24) Nitrobenzene	8.66	77	315322	48.55	ng	93
25) Isophorone	9.06	82	520670	47.06	ng	# 94
26) 2-Nitrophenol	9.17	139	164904	47.05	ng	96
27) 2,4-Dimethylphenol	9.30	122	209558	36.98	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	72984	9.54	ng	99
29) 2,4-Dichlorophenol	9.58	162	274740	51.35	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	248427	43.34	ng	99
31) Naphthalene	9.78	128	865028	44.05	ng	99
32) Benzoic acid	9.62	122	193657	51.63	ng	94
34) Hexachlorobutadiene	10.00	225	126105	41.70	ng	98
35) Caprolactam	10.61	113	44133m	27.47	ng	
36) 4-Chloro-3-methylphenol	10.77	107	247466	43.26	ng	90
37) 2-Methylnaphthalene	10.91	142	584721	45.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	237722	76.89	ng	99
40) Hexachlorocyclopentadiene	11.17	237	209280	154.88	ng	98
42) 2,4,6-Trichlorophenol	11.40	196	189097	91.60	ng	98
43) 2,4,5-Trichlorophenol	11.48	196	197011	88.80	ng	93

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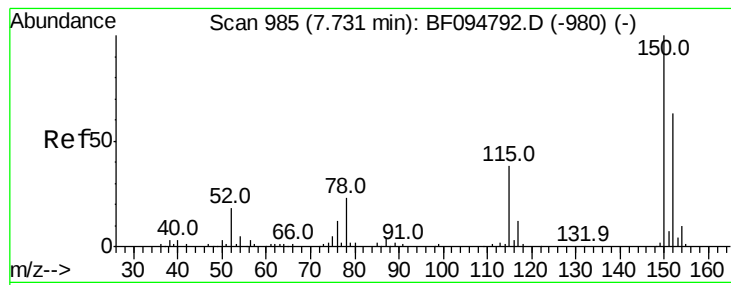
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	11.68	154	703074	83.06	nq	98
46) 2-Chloronaphthalene	11.69	162	560628	82.03	nq	96
47) 2-Nitroaniline	11.90	65	36047	19.27	nq #	83
48) Acenaphthylene	12.34	152	289102	27.01	nq	98
49) Dimethylphthalate	12.22	163	629413	76.26	nq	100
50) 2,6-Dinitrotoluene	12.31	165	159150	94.52	nq	96
51) Acenaphthene	12.62	154	343408	53.71	nq	98
52) 3-Nitroaniline	12.58	138	15747	8.71	nq #	85
53) 2,4-Dinitrophenol	12.77	184	176253	181.45	nq #	72
54) Dibenzofuran	12.92	168	845908	95.60	nq	98
55) 4-Nitrophenol	12.95	139	196345	180.88	nq #	79
56) 2,4-Dinitrotoluene	12.97	165	215821	99.75	nq #	87
57) Fluorene	13.47	166	642983	83.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	153105	109.65	nq	95
59) Diethylphthalate	13.37	149	603105	76.24	nq	98
60) 4-Chlorophenyl-phenylether	13.50	204	305840	90.45	nq	90
61) 4-Nitroaniline	13.57	138	20701	12.48	nq	95
62) Azobenzene	13.75	77	145004	22.81	nq	95
64) 4,6-Dinitro-2-methylphenol	13.62	198	120775	59.90	nq #	71
66) 4-Bromophenyl-phenylether	14.28	248	172373	54.24	nq	99
67) Hexachlorobenzene	14.37	284	168269	51.67	nq #	89
69) Pentachlorophenol	14.71	266	182368	120.64	nq	97
70) Phenanthrene	15.02	178	905052	52.37	nq	98
71) Anthracene	15.09	178	714151	40.45	nq	99
73) Di-n-butylphthalate	15.95	149	908618	45.36	nq	98
74) Fluoranthene	16.75	202	656757	37.05	nq	98
77) Pyrene	17.05	202	276267	32.78	nq	100
79) Butylbenzylphthalate	17.95	149	51194	13.06	nq #	86
80) Benzo(a)anthracene	18.62	228	377364	57.55	nq	99
82) Chrysene	18.67	228	478220	75.42	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	566115	101.37	nq #	98
84) Di-n-octyl phthalate	19.48	149	820795	89.65	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	73475	14.27	nq #	85
87) Benzo(b)fluoranthene	19.89	252	278478	1903.99	nq	99
88) Benzo(k)fluoranthene	19.92	252	114624	812.46	nq #	95
89) Benzo(a)pyrene	20.25	252	74516	552.13	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	152319	1366.56	nq	97
91) Benzo(g,h,i)perylene	21.97	276	71039	649.46	nq	98

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



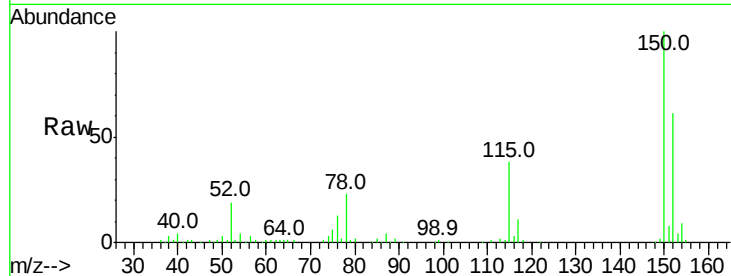
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.73 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

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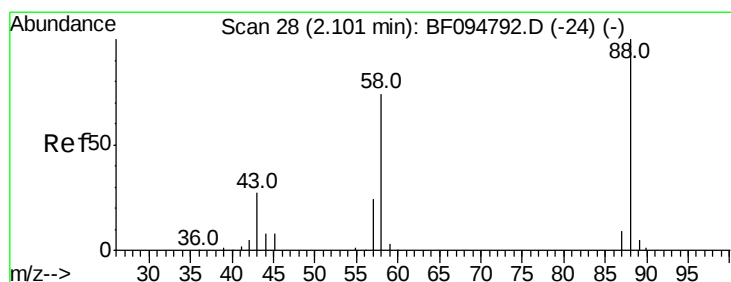
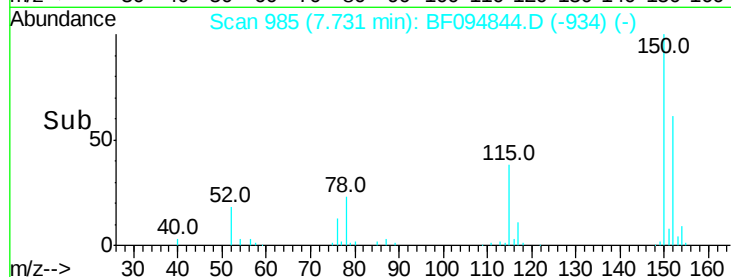
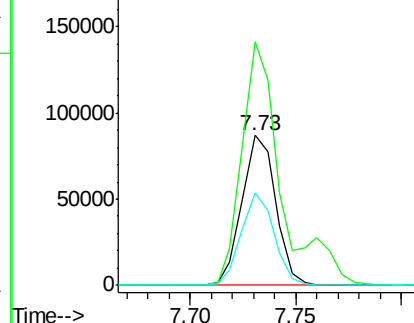
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.2	189.2
115	61.6	52.2	78.2

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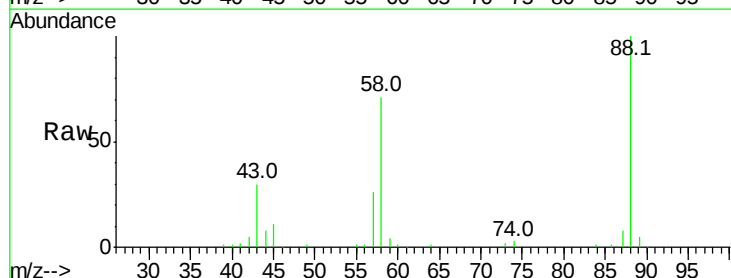


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

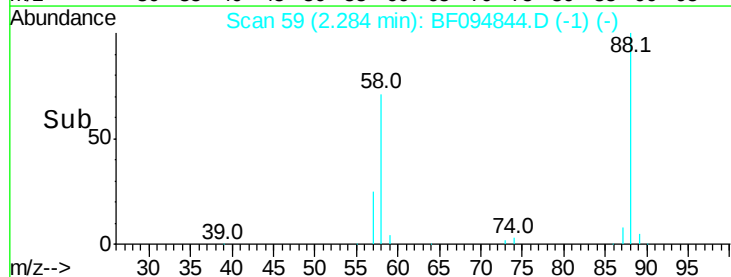
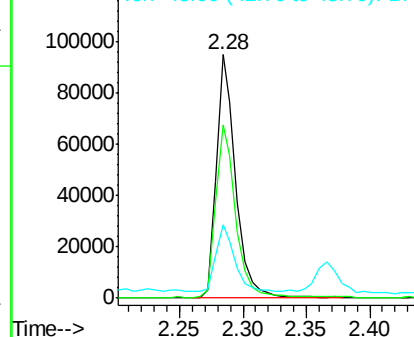


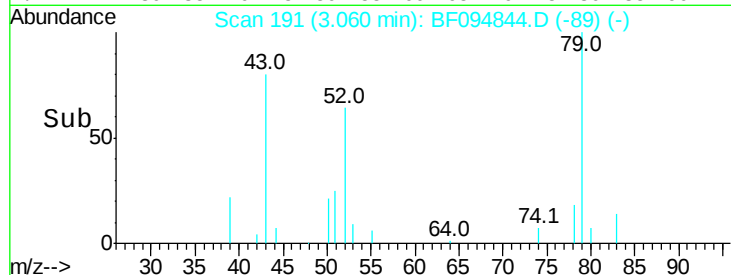
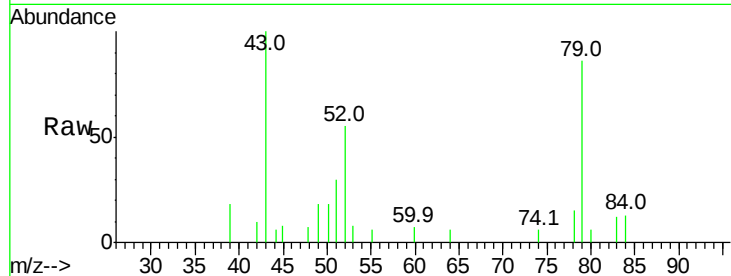
#2
 1,4-Dioxane
 Concen: 35.93 ng
 RT: 2.28 min Scan# 59
 Delta R.T. 0.18 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	61.4	92.0
43	0.0	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





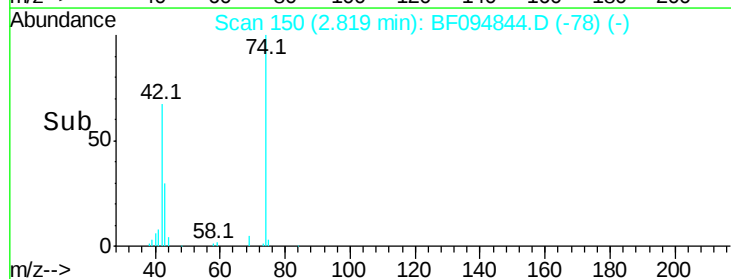
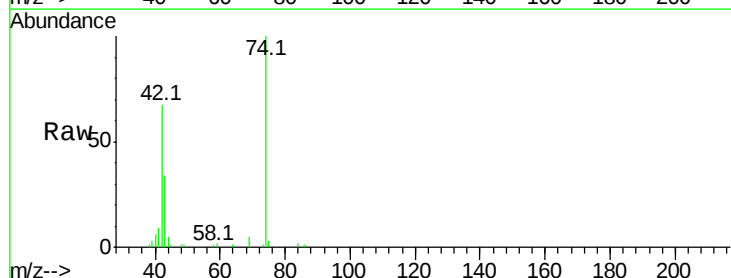
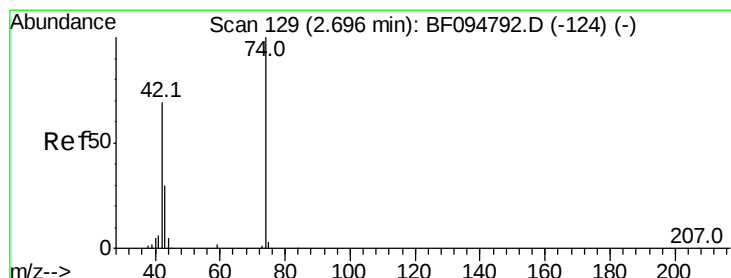
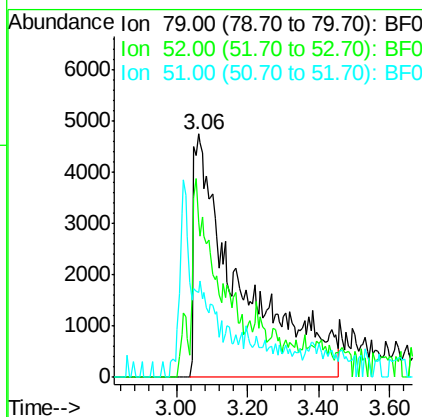
#3
Pvridine
Concen: 6.56 ng/ml
RT: 3.06 min Scan# 191
Delta R.T. 0.30 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tot Ion: 79 Resp: 43014
Ion Ratio Lower Upper
79 100
52 63.9 54.8 82.2
51 34.7 27.0 40.4

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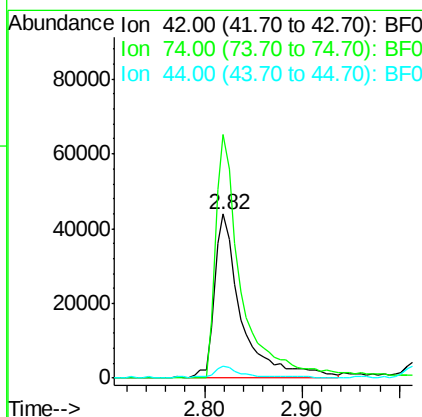
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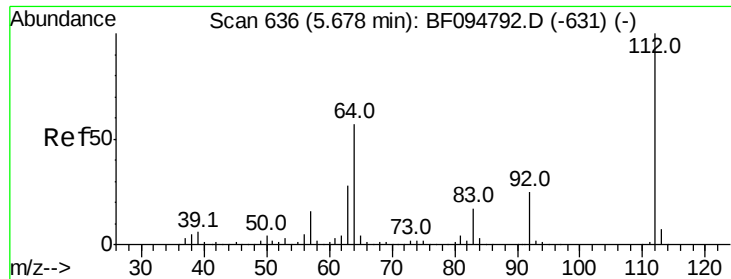
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#4
n-Nitrosodimethylamine
Concen: 30.88 ng
RT: 2.82 min Scan# 150
Delta R.T. 0.12 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion: 42 Resp: 84418
Ion Ratio Lower Upper
42 100
74 148.6 103.9 155.9
44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 140.18 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

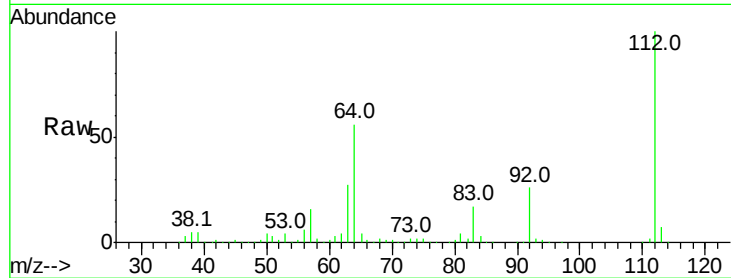
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SB-06-COMP(0-7)MSD

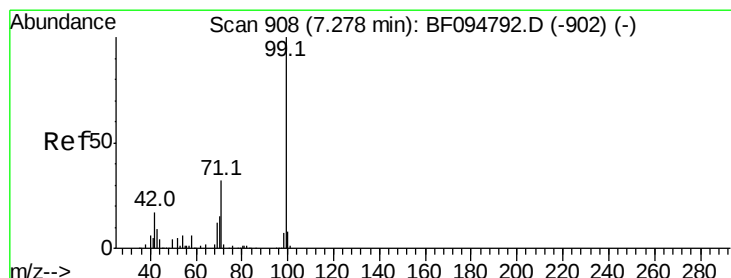
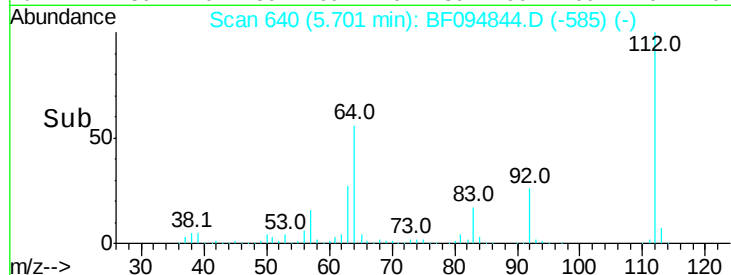
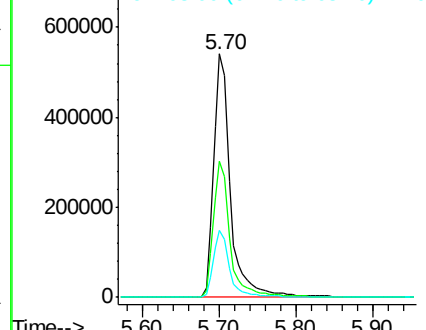
Tot Ion:	112	Resp:	808891
Ion Ratio	Lower	Upper	
112	100		
64	56.0	46.0	69.0
63	27.5	23.4	35.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 103.64 ng

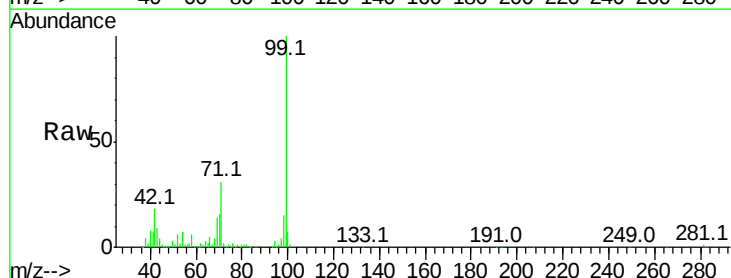
RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

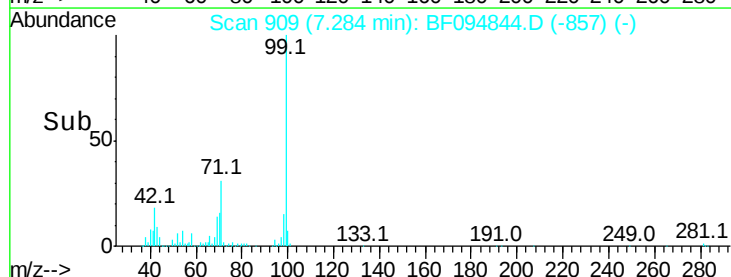
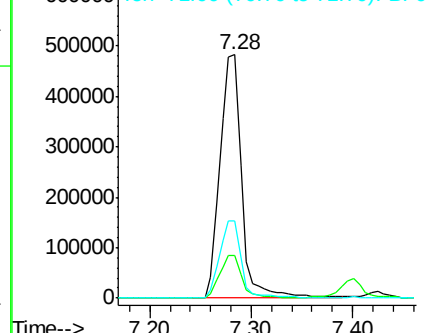
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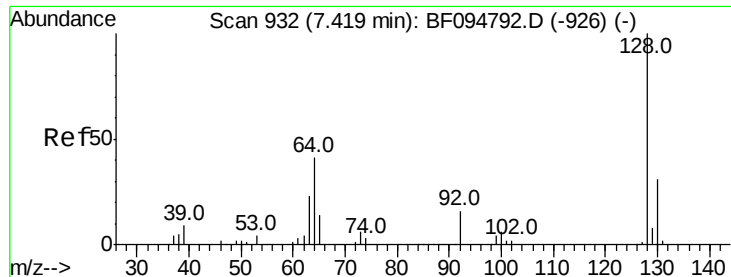
Acq: 3 May 2017 20:34

Tgt Ion:	99	Resp:	717569
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.5	20.3
71	31.5	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0





#8

2-Chlorophenol

Concen: 47.44 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

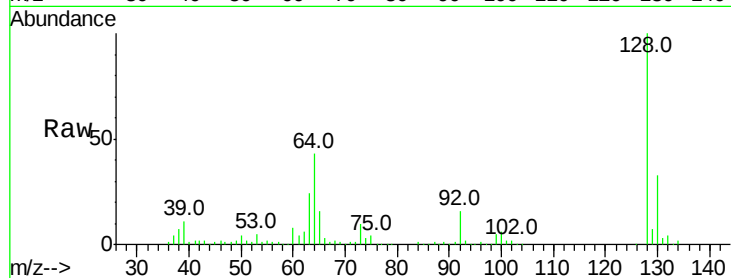
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Tot Ion:	128	Resp:	311557
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.9	52.9
64	42.8	28.4	68.4

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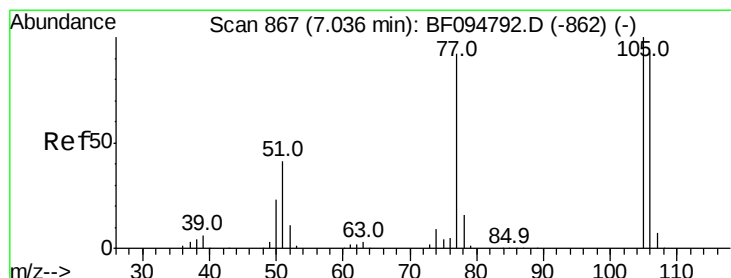
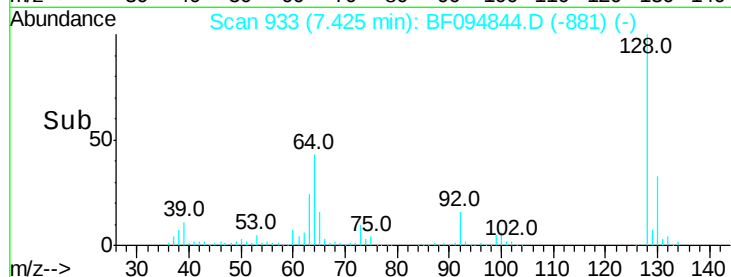
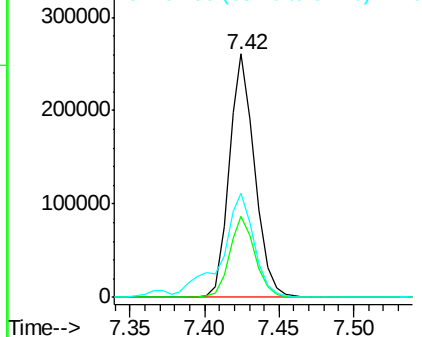
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Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 13.69 ng

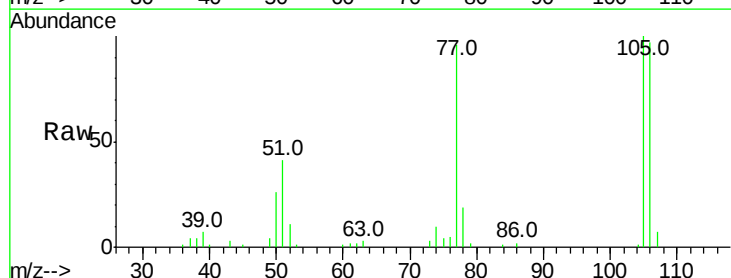
RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094844.D

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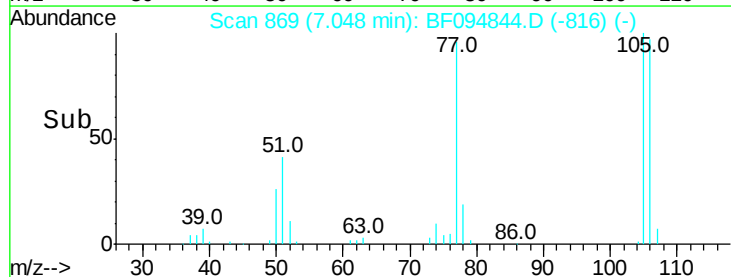
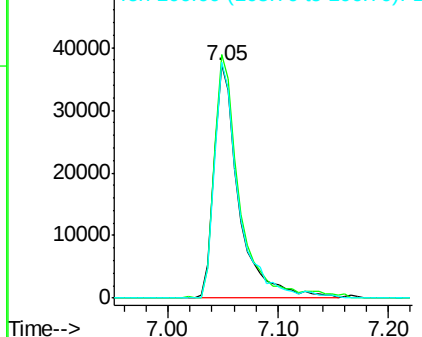
Tgt Ion:	77	Resp:	57896
Ion Ratio	Lower	Upper	
77	100		
105	104.6	83.8	123.8
106	101.1	79.1	119.1

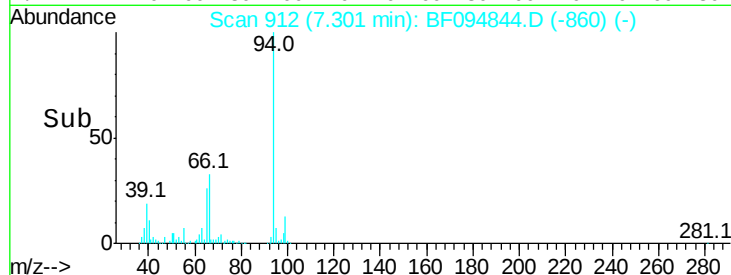
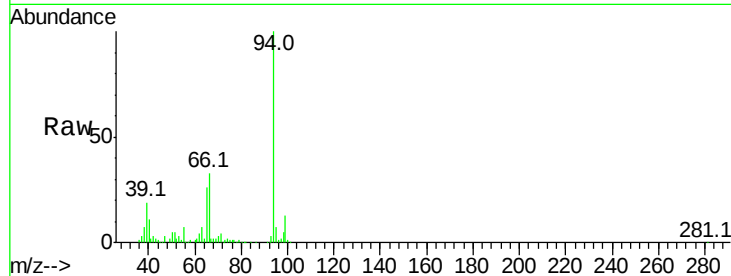
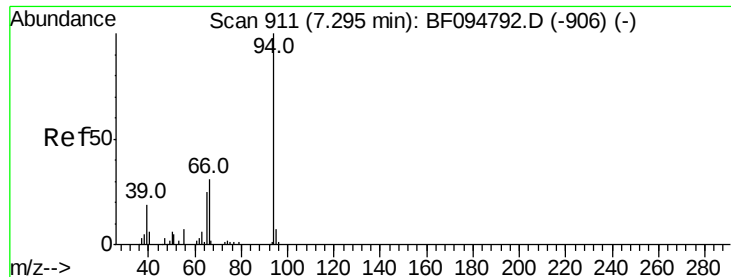


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 38.21 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tot Ion	94	Resp	278751
Ion Ratio	Lower	Upper	
94	100		
65	25.5	9.9	49.9
66	33.3	23.1	63.1

Instrument :

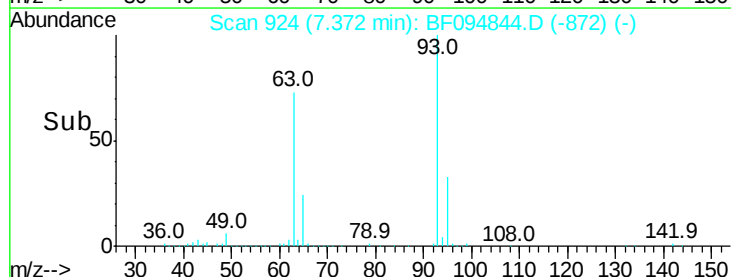
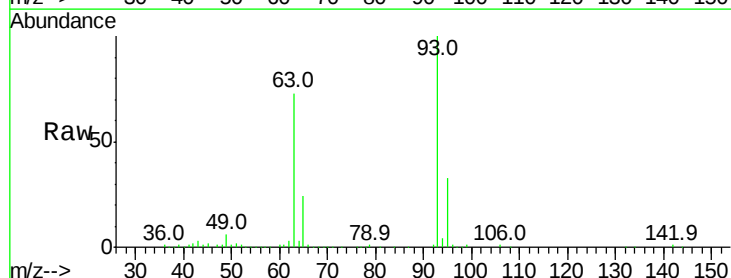
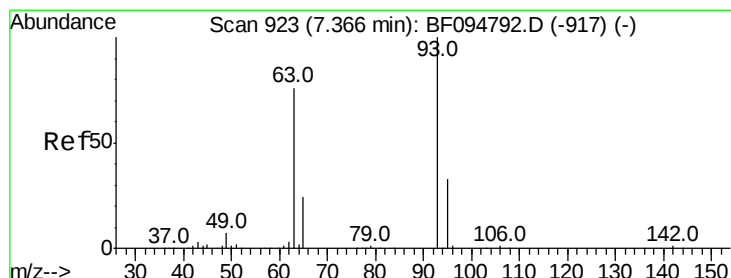
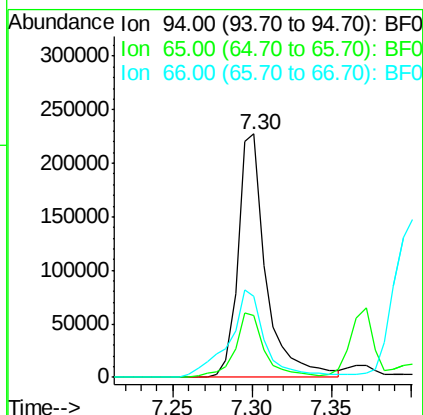
BNA_F

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#11

bis(2-Chloroethyl)ether

Concen: 44.88 ng

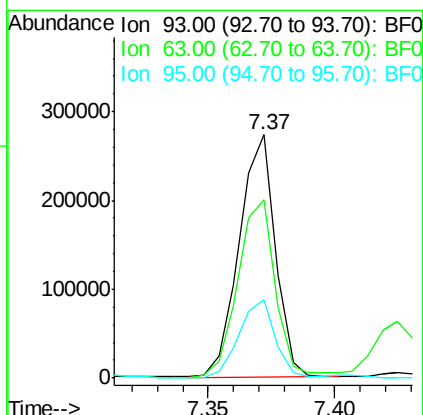
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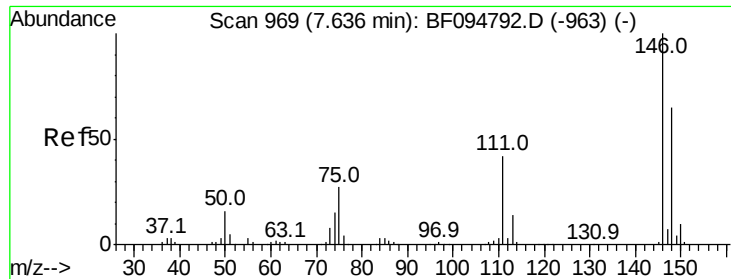
Delta R.T. 0.01 min

Lab File: BF094844.D

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Tgt Ion	93	Resp	270306
Ion Ratio	Lower	Upper	
93	100		
63	73.2	59.2	99.2
95	32.5	12.8	52.8





#12

1,3-Dichlorobenzene

Concen: 40.21 ng

RT: 7.64 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

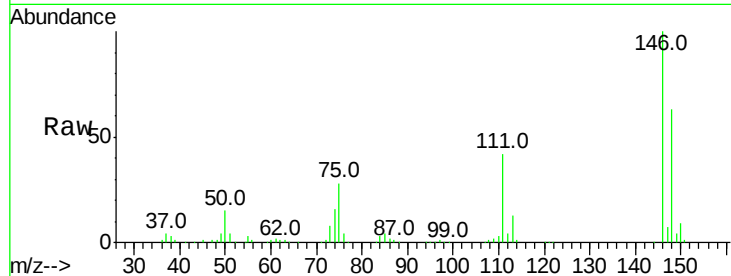
ClientSampleId :

SB-06-COMP(0-7)MSD

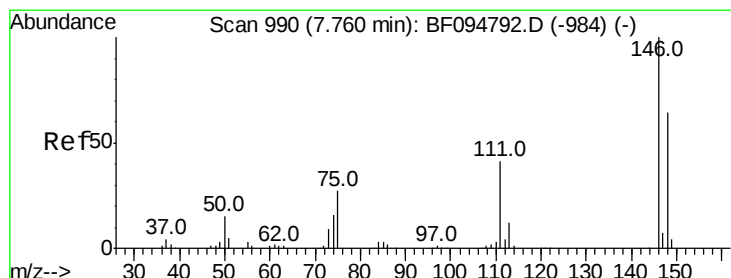
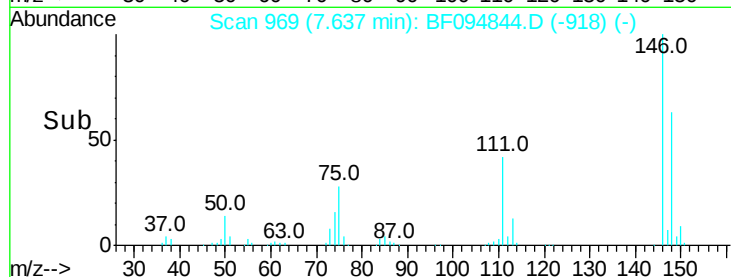
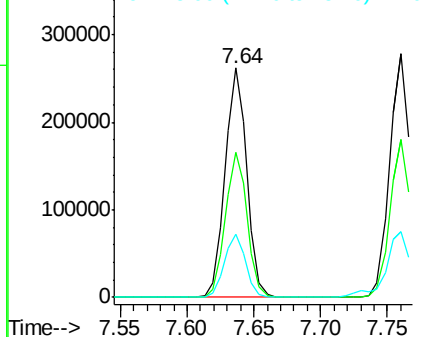
Tot Ion:	146	Resp:	299566
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.6
75	27.8	23.1	34.7

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 40.37 ng

RT: 7.76 min Scan# 990

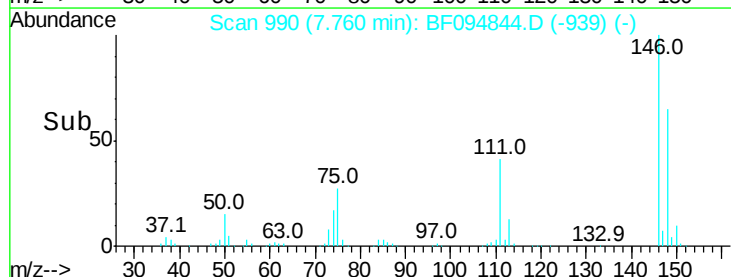
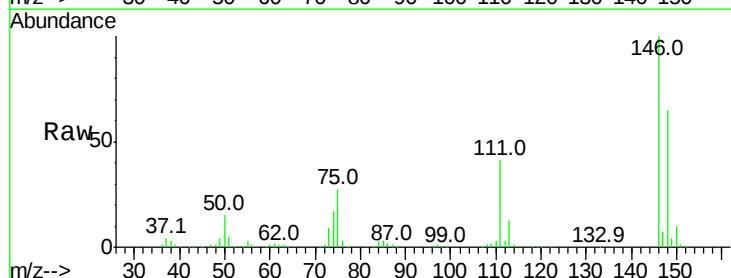
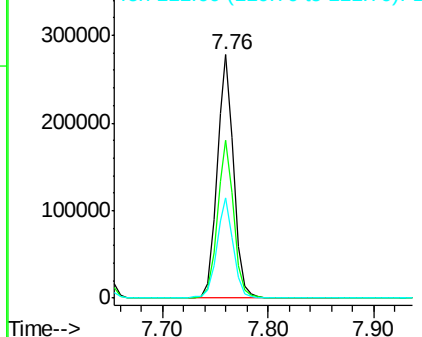
Delta R.T. 0.00 min

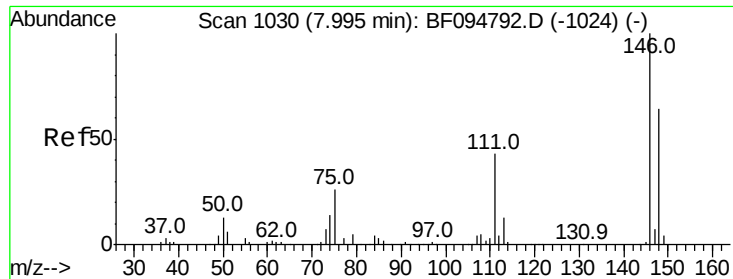
Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:	146	Resp:	305006
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	41.2	30.3	45.5

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





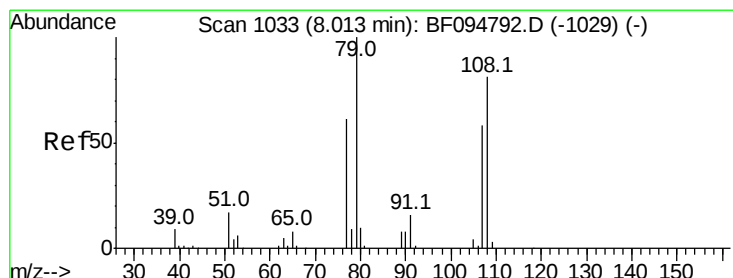
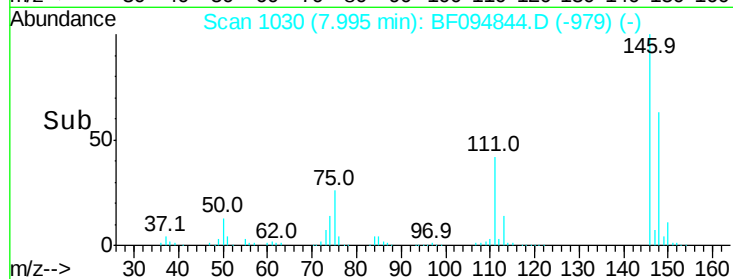
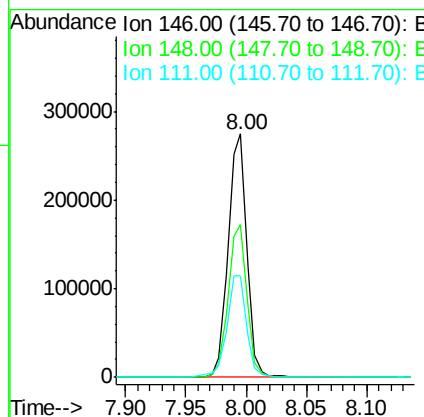
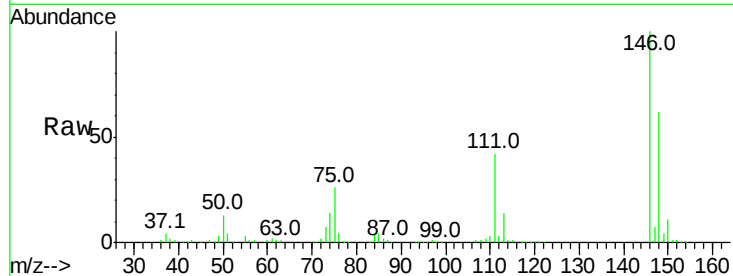
#14
1,2-Dichlorobenzene
Concen: 41.77 ng
RT: 8.00 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.4	75.6
111	41.7	38.2	57.4

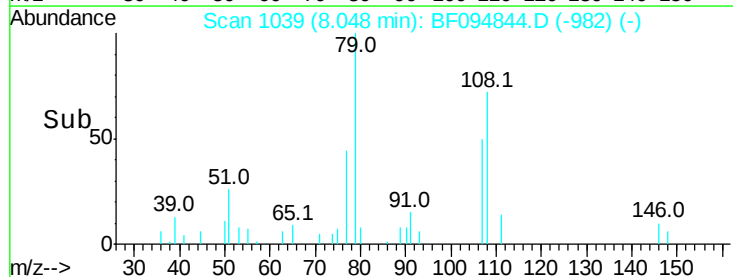
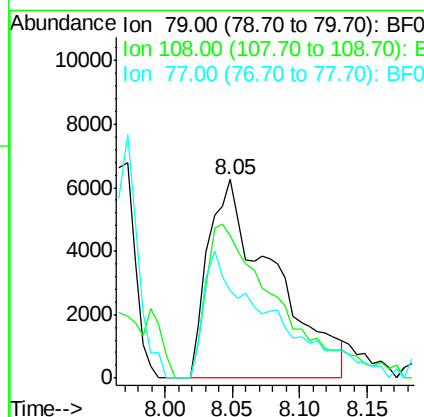
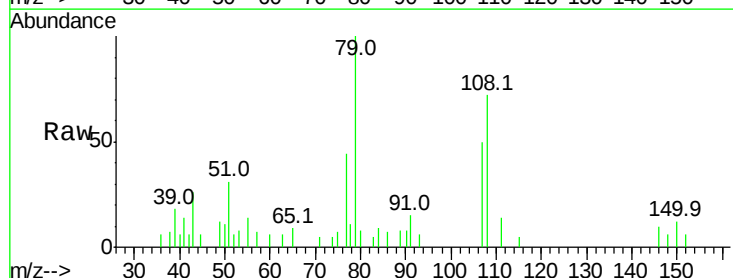
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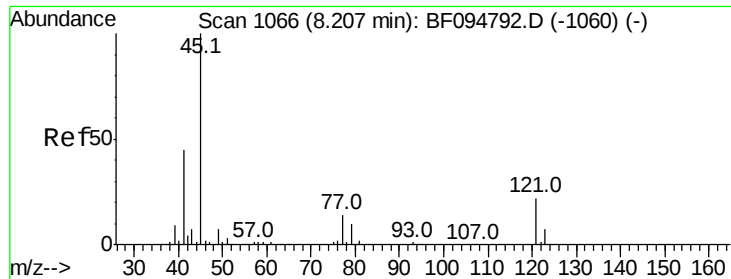
mohammad
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#15
Benzyl Alcohol
Concen: 4.75 ng m
RT: 8.05 min Scan# 1039
Delta R.T. 0.04 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.1	63.4	95.0
77	43.9	49.2	73.8





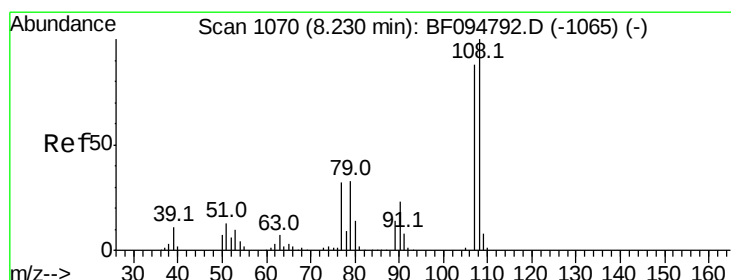
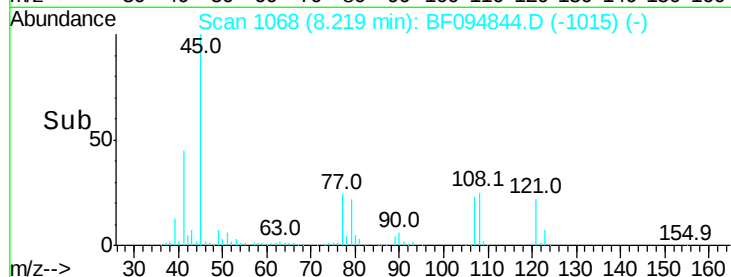
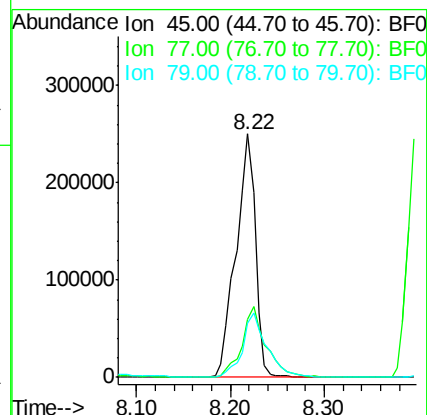
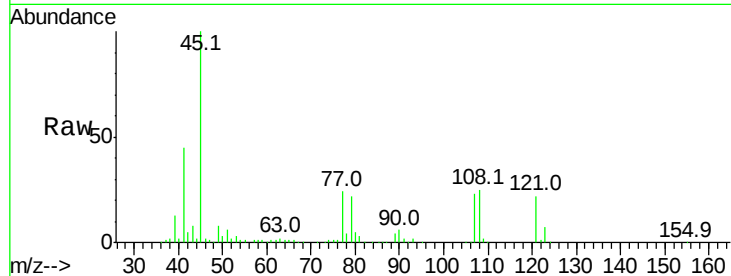
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.56 ng
RT: 8.22 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	24.0	0.0	33.2	
79	22.1	0.0	30.0	

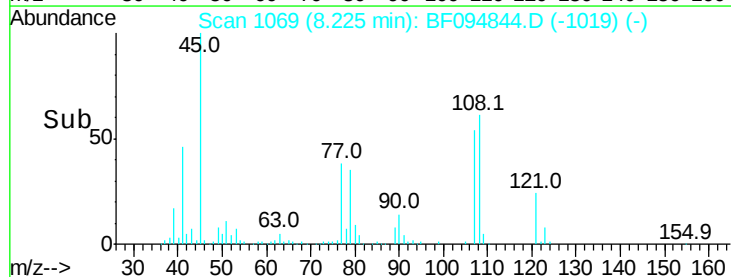
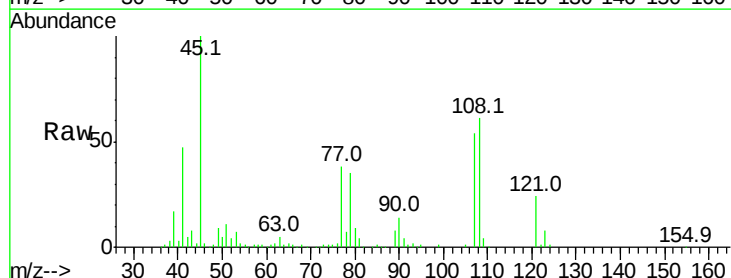
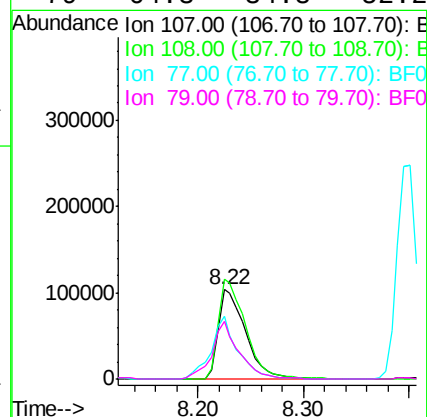
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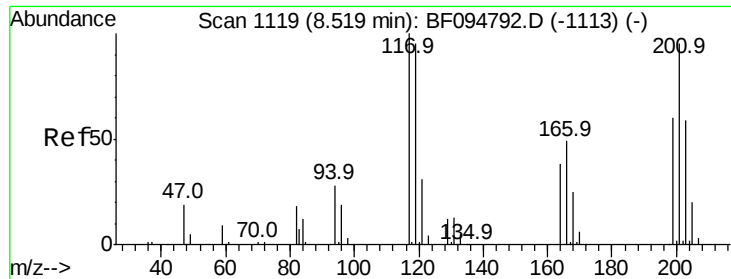
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#17
2-Methylphenol
Concen: 35.07 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	93.4	140.0	
77	70.5	35.8	53.6#	
79	64.3	34.8	52.2#	





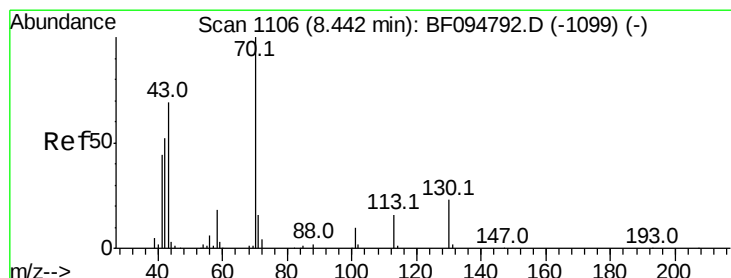
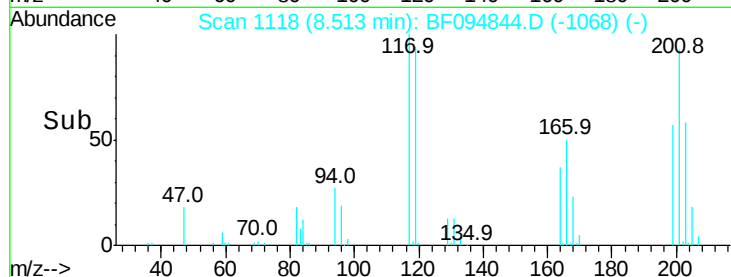
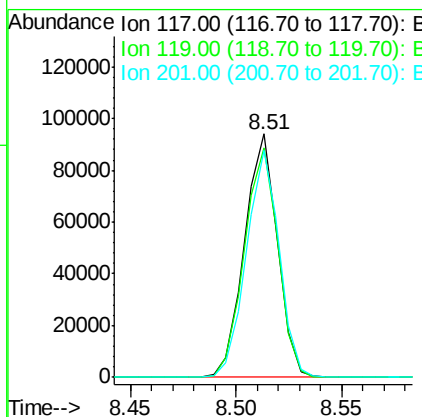
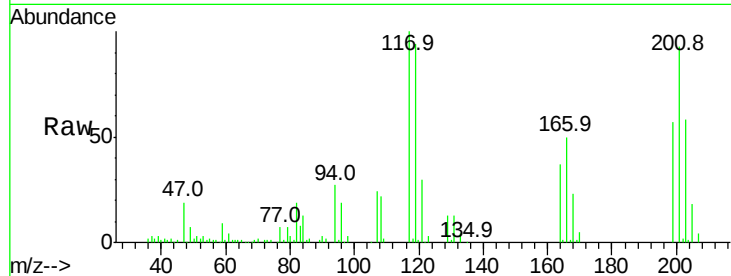
#18
Hexachloroethane
Concen: 39.78 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	101810		
119	94.3	77.4	116.0	
201	93.0	94.6	141.8#	

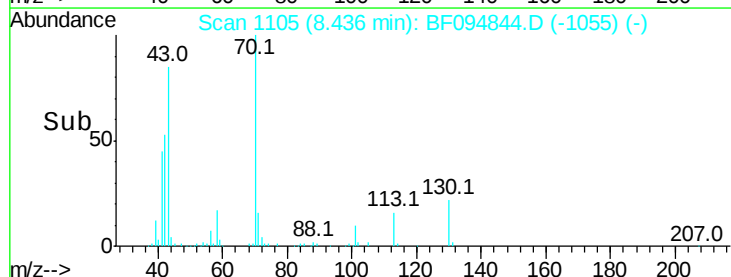
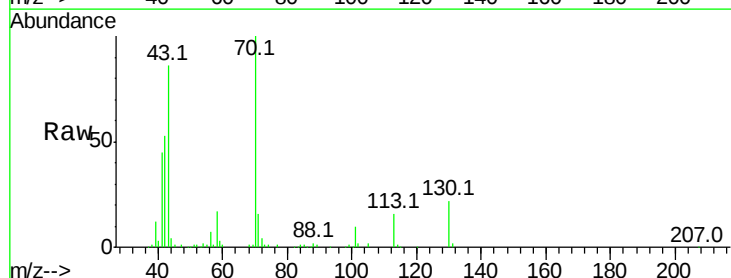
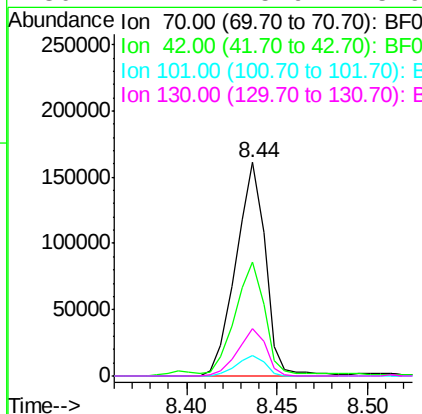
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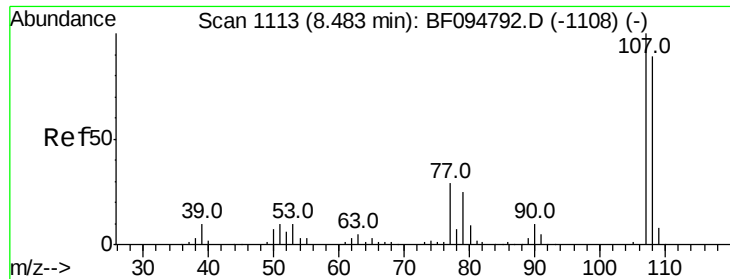
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	183430		
42	53.5	47.2	70.8	
101	9.8	7.2	10.8	
130	22.4	15.9	23.9	





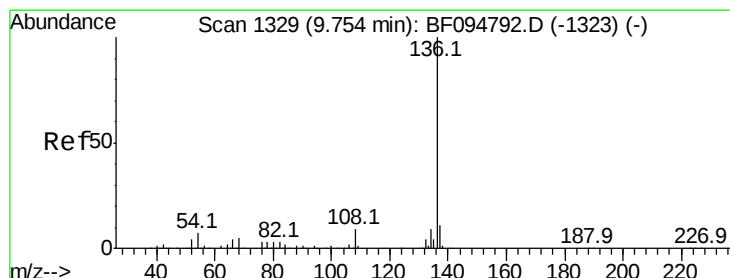
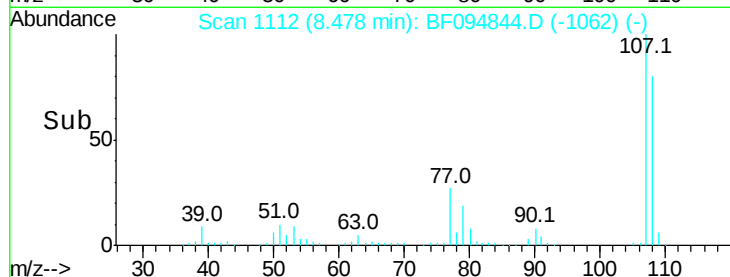
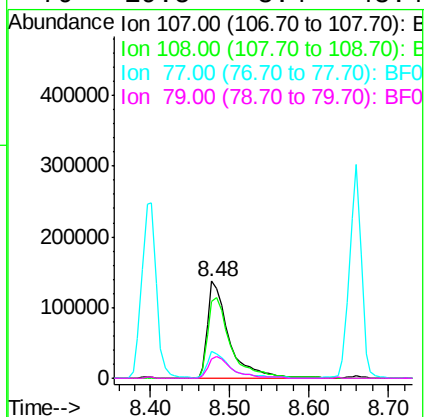
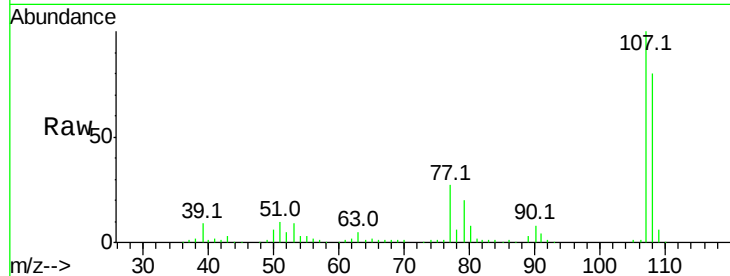
#20
3+4-Methylphenols
Concen: 35.54 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	79.6	71.0	111.0
77	27.5	90.5	130.5#
79	19.5	8.4	48.4

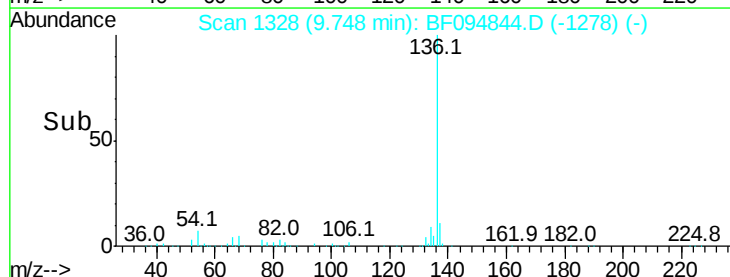
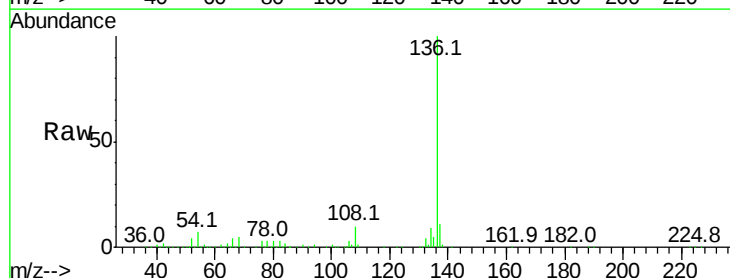
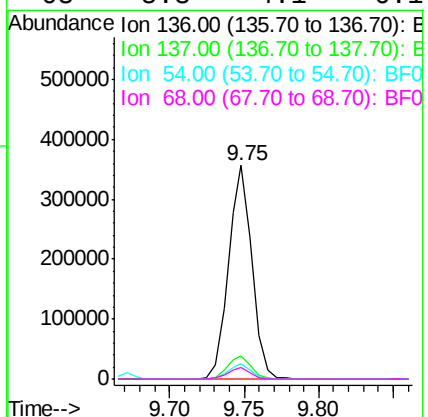
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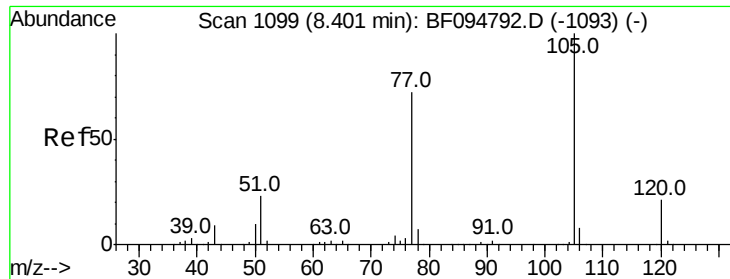
mohammad
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	4.9	7.3
68	5.3	4.1	6.1





#22

Acetophenone

Concen: 47.37 ng

RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)MSD

Tot Ion: 105 Resp: 444088
Ion Ratio Lower Upper

105 100

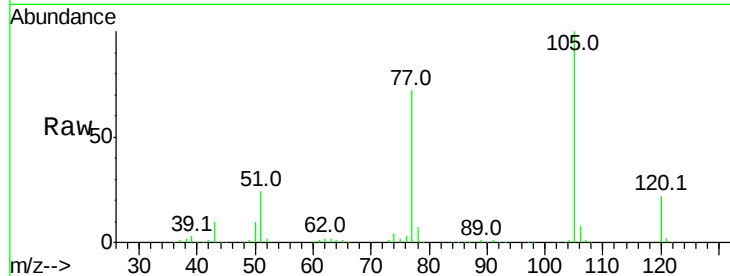
71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

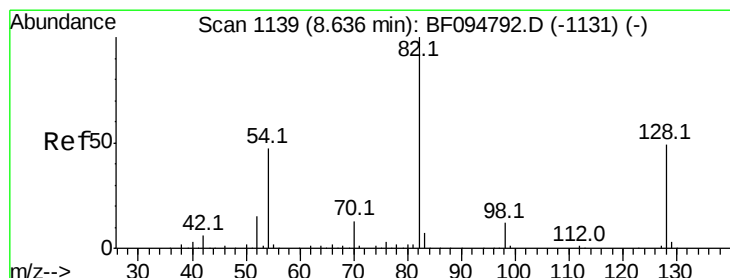
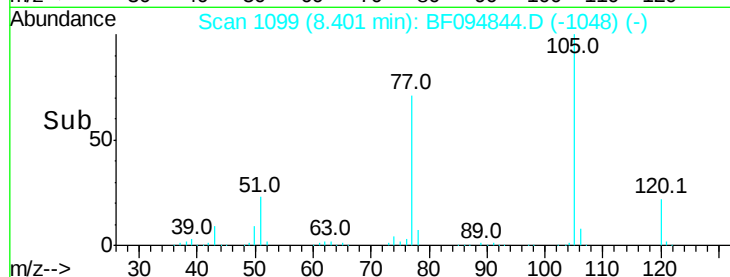
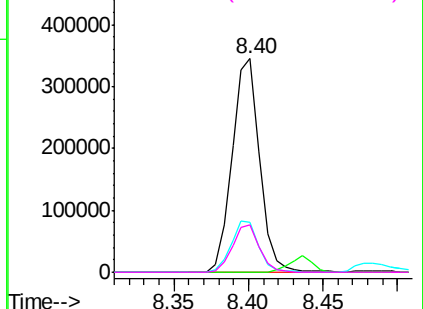
120 21.9 17.4 26.0

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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 97.62 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094844.D

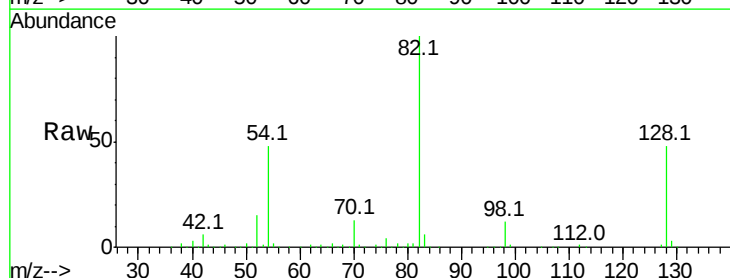
Acq: 3 May 2017 20:34

Tgt Ion: 82 Resp: 604882
Ion Ratio Lower Upper

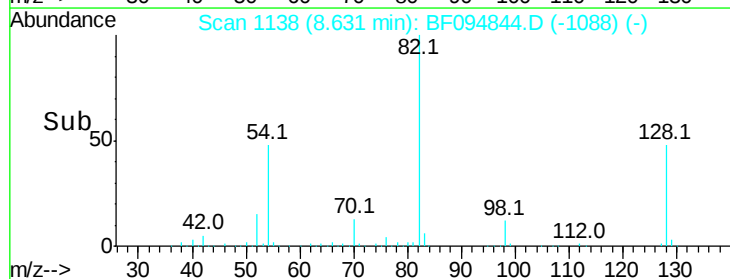
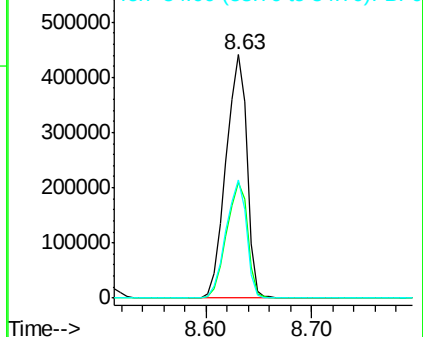
82 100

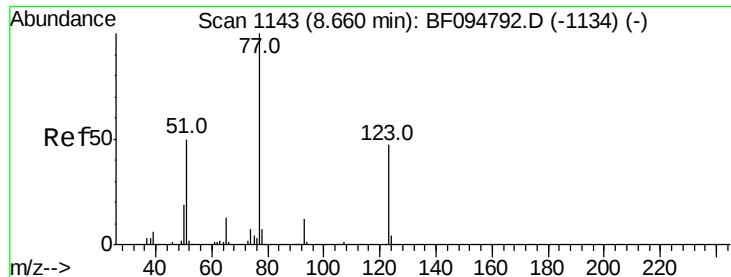
128 47.6 34.0 51.0

54 48.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





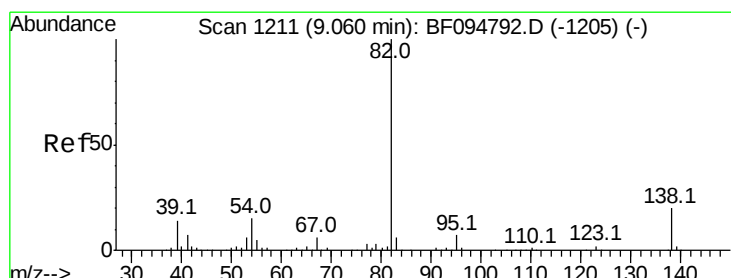
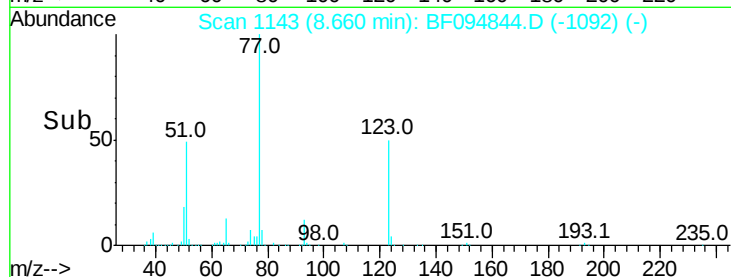
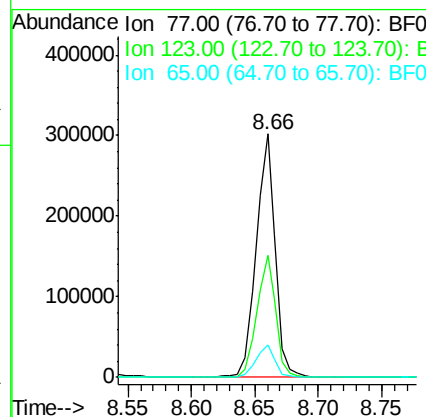
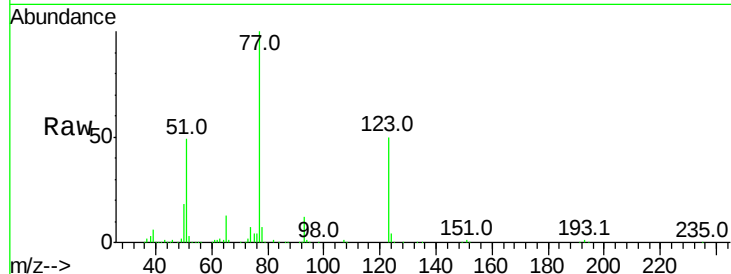
#24
Nitrobenzene
Concen: 48.55 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.8	53.8
65	13.3	10.6	15.8

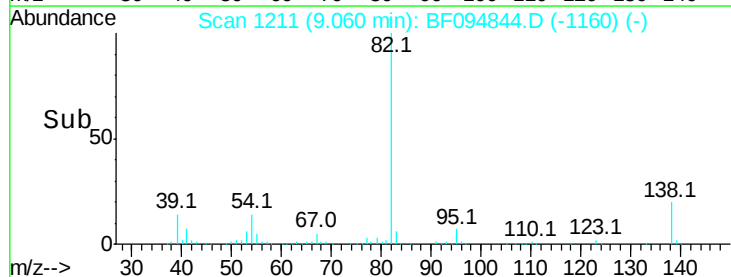
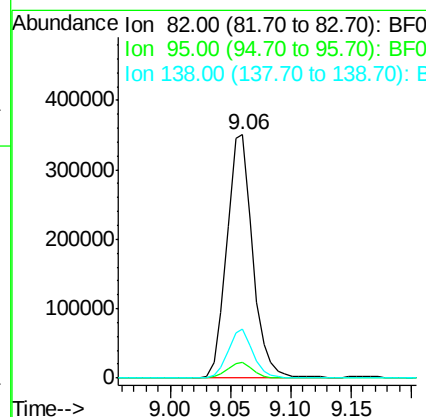
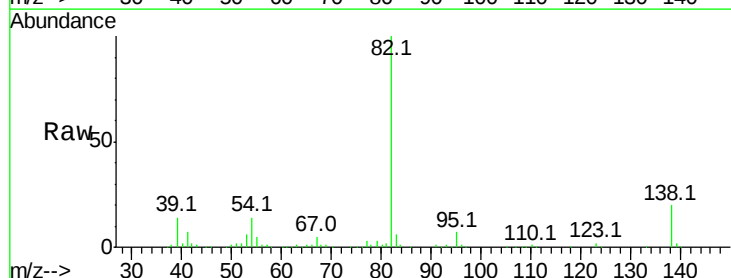
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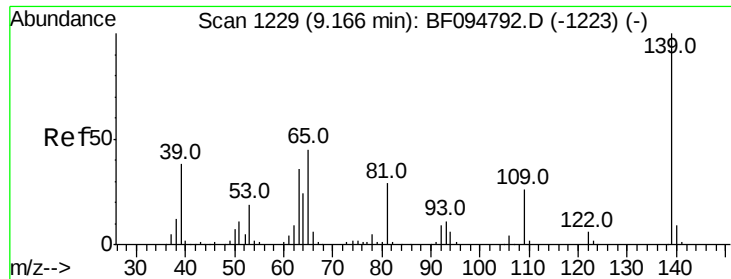
mohammad
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#25
Isophorone
Concen: 47.06 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	20.0	13.1	19.7





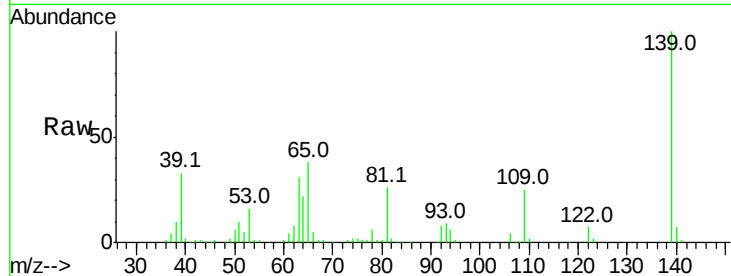
#26
2-Nitrophenol
Concen: 47.05 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

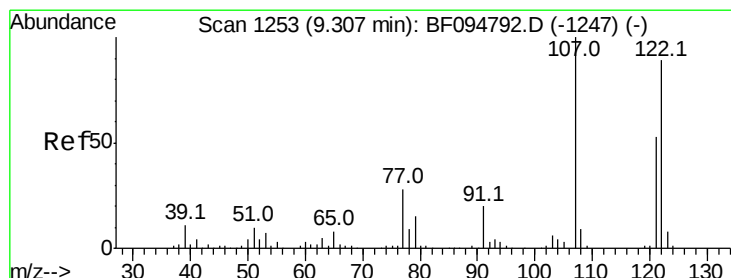
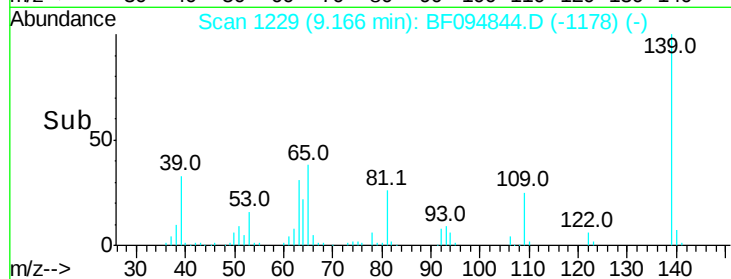
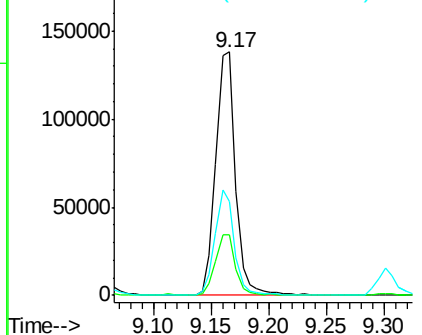
Tot Ion	Ratio	Resp	Lower	Upper
139	100	164904		
109	25.0	21.0	31.6	
65	38.5	33.0	49.6	

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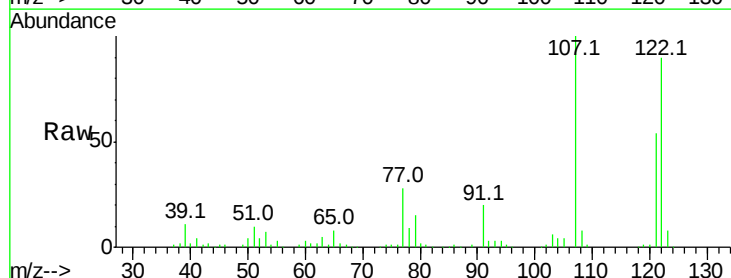


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

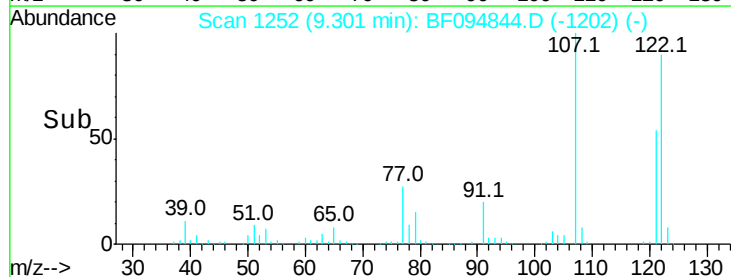
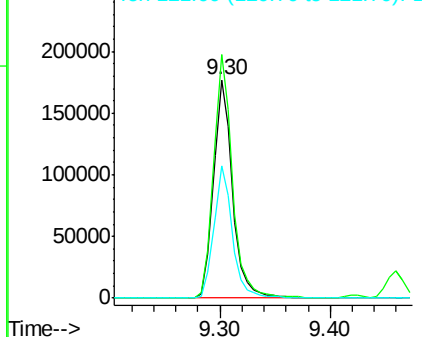


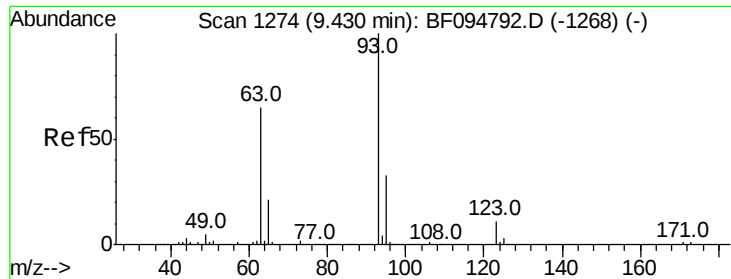
#27
2,4-Dimethylphenol
Concen: 36.98 ng
RT: 9.30 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	209558		
107	111.5	89.2	133.8	
121	60.3	45.2	67.8	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





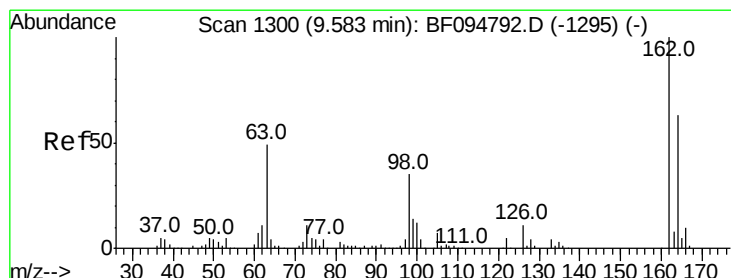
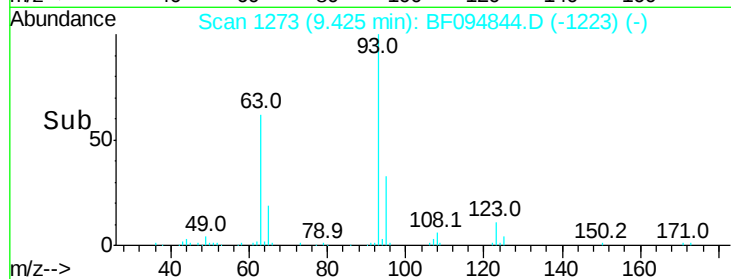
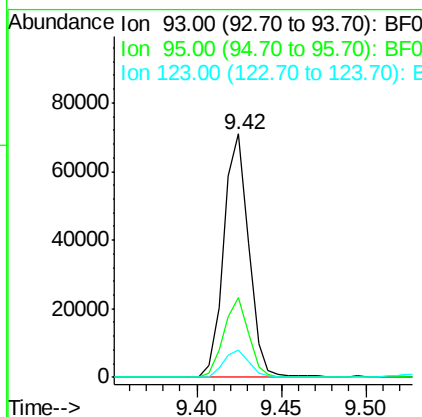
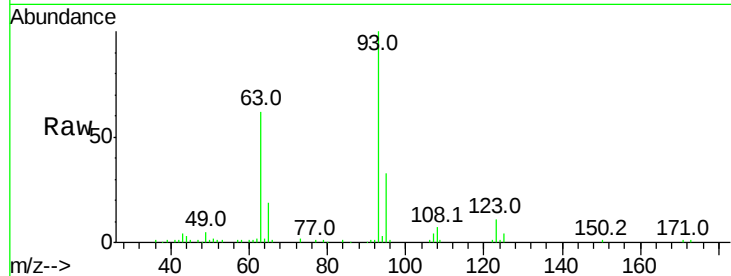
#28
bis(2-Chloroethoxy)methane
Concen: 9.54 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion:	93	Resp:	72984
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.4	9.0	13.4

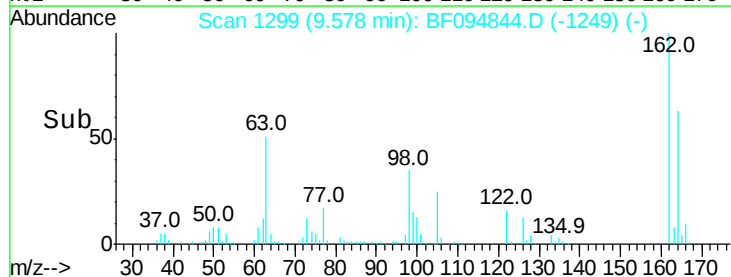
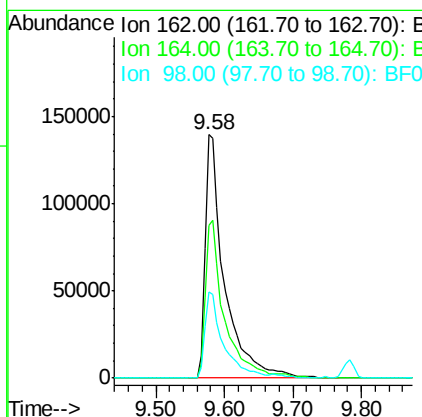
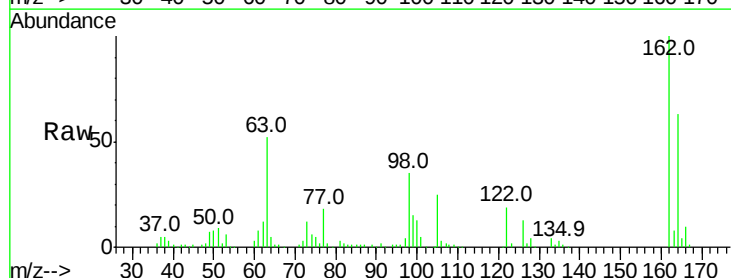
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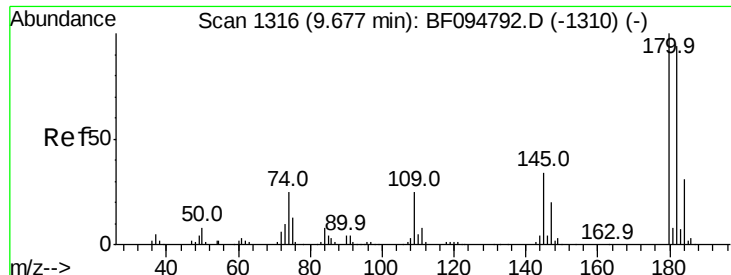
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#29
2,4-Dichlorophenol
Concen: 51.35 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:	162	Resp:	274740
Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	35.2	14.8	54.8





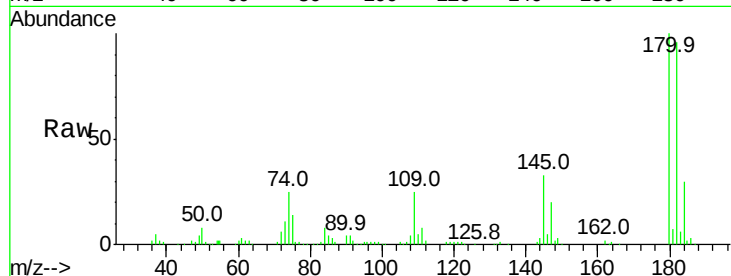
#30
 1,2,4-Trichlorobenzene
 Concen: 43.34 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

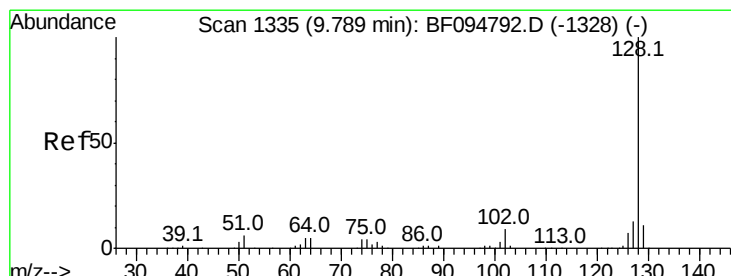
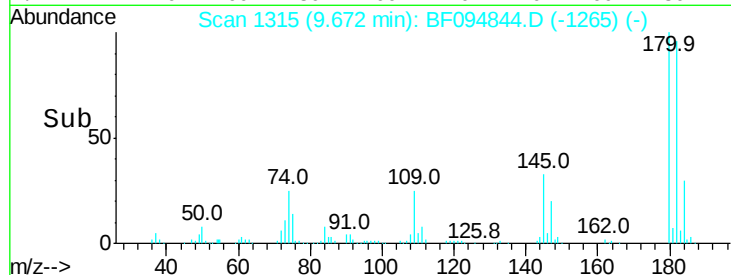
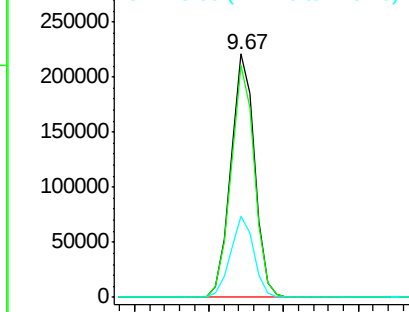
Tot Ion:	180	Resp:	248427
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.8	113.6
145	33.4	25.3	37.9

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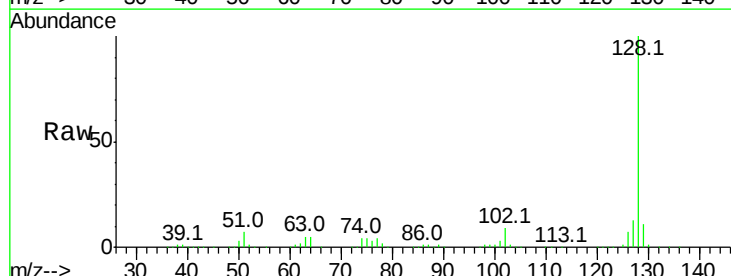


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

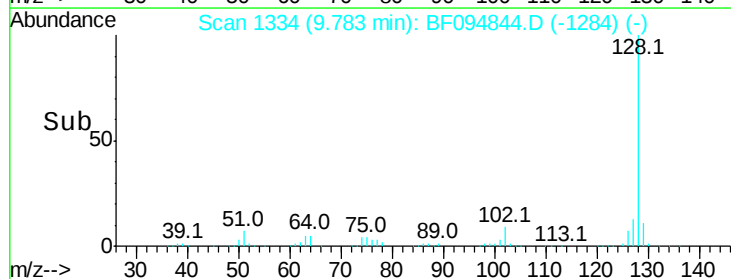
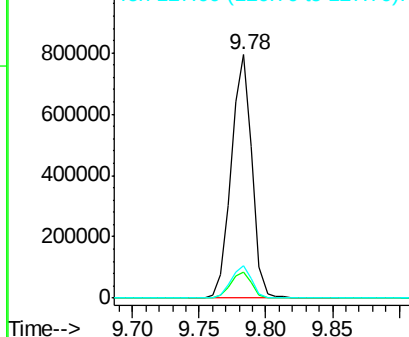


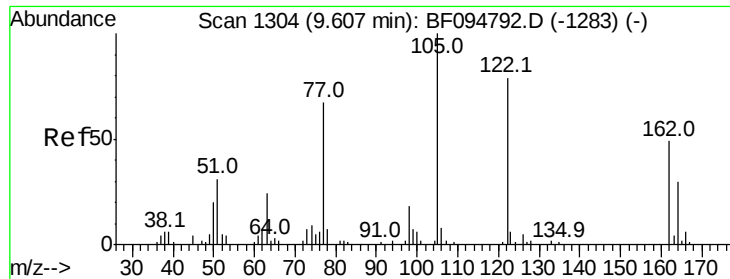
#31
 Naphthalene
 Concen: 44.05 ng
 RT: 9.78 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion:	128	Resp:	865028
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.6
127	13.3	10.8	16.2



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





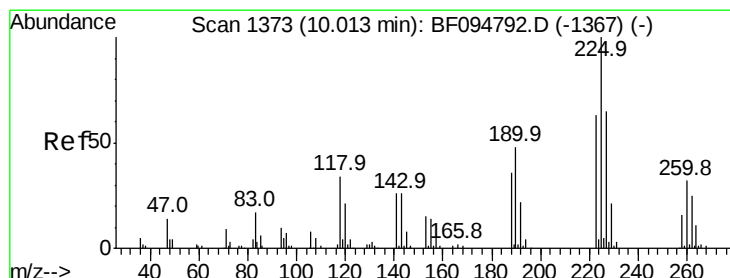
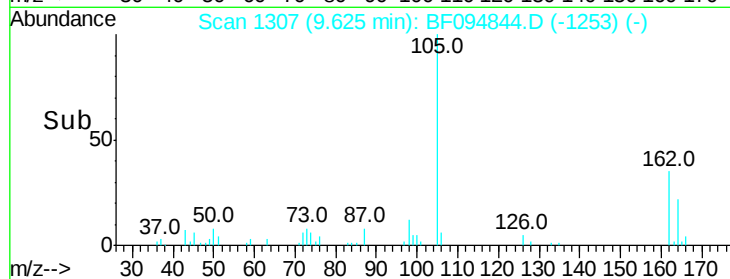
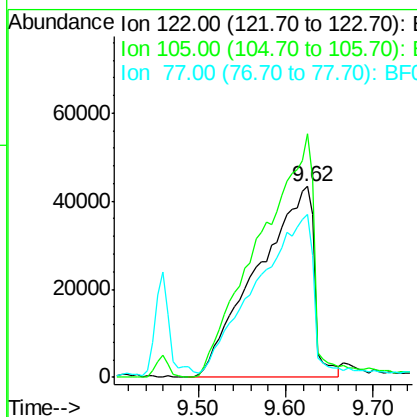
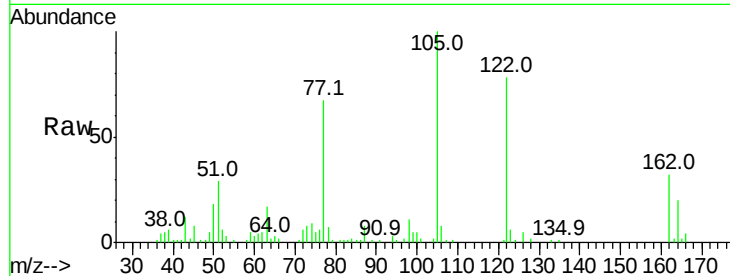
#32
Benzoic acid
Concen: 51.63 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion:	122	Resp:	193657
Ion Ratio	Lower	Upper	
122	100		
105	127.7	103.3	143.3
77	85.3	73.7	113.7

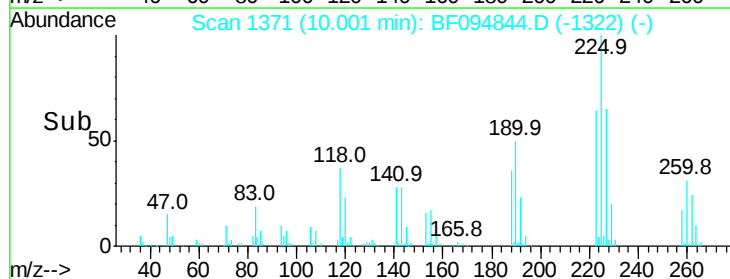
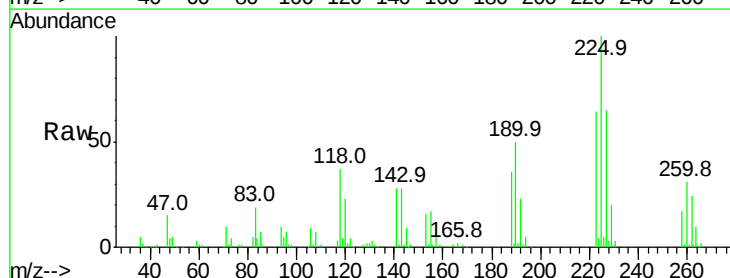
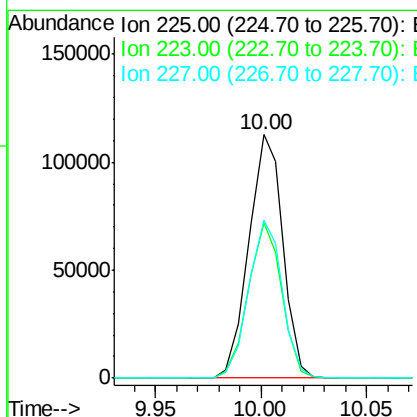
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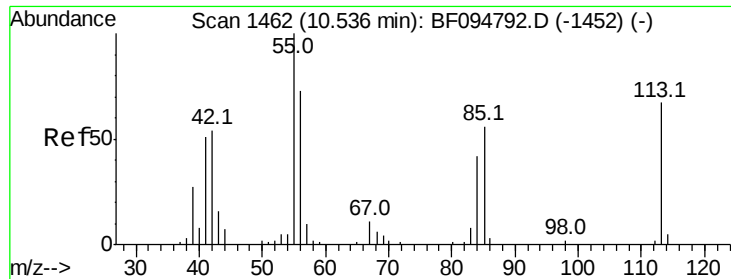
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#34
Hexachlorobutadiene
Concen: 41.70 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion:	225	Resp:	126105
Ion Ratio	Lower	Upper	
225	100		
223	63.8	48.8	73.2
227	64.9	51.1	76.7





#35

Caprolactam

Concen: 27.47 ng/mL

RT: 10.61 min Scan# 1474

Delta R.T. 0.07 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP(0-7)MSD

Tot Ion:113 Resp: 44133

Ion Ratio Lower Upper

113 100

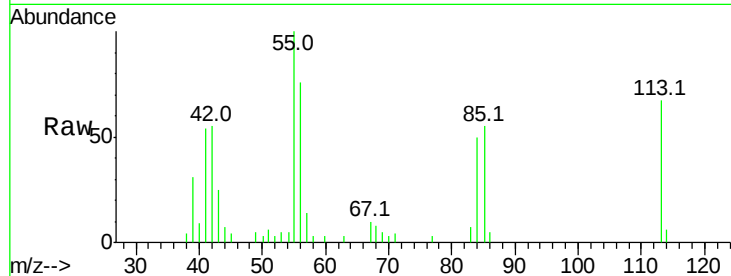
55 149.6 150.2 190.2#

56 114.1 107.8 147.8

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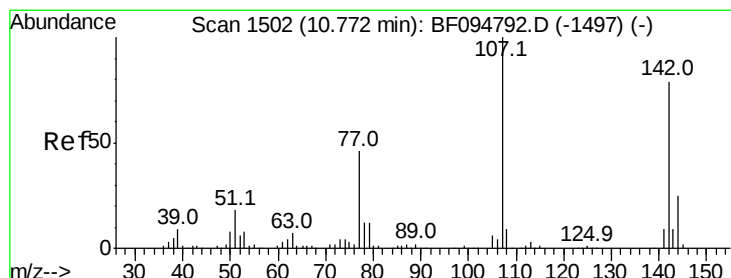
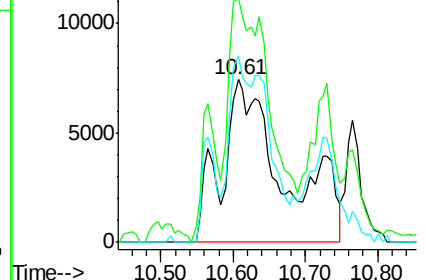
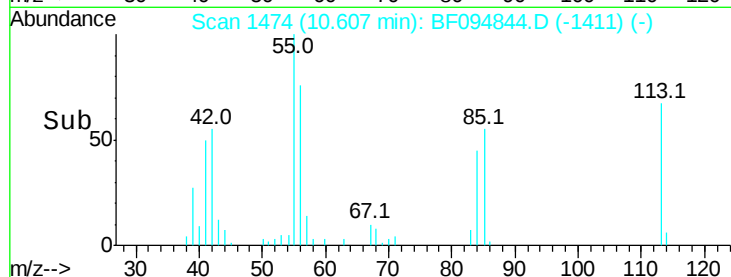
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.26 ng/mL

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

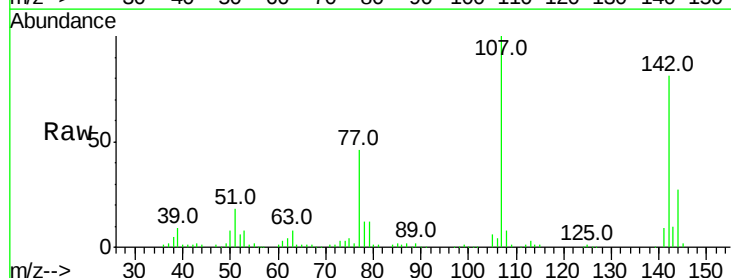
Tgt Ion:107 Resp: 247466

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

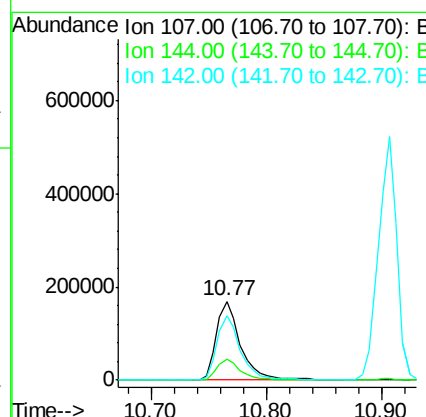
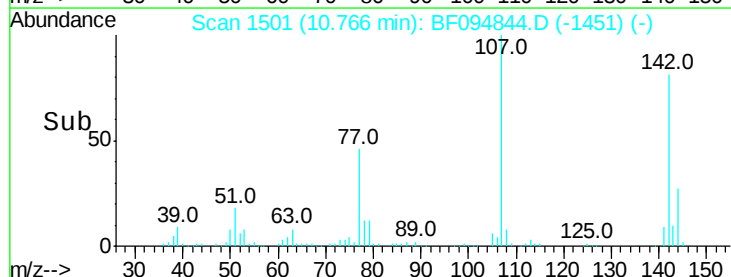
142 81.2 73.4 110.0

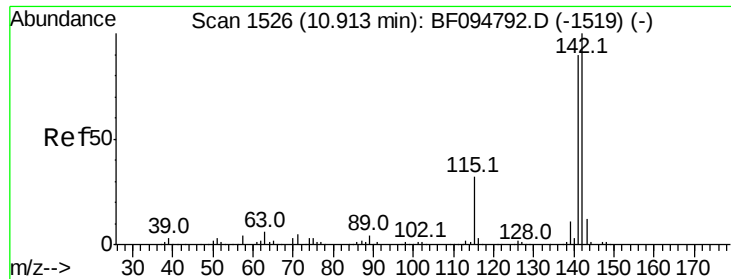


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





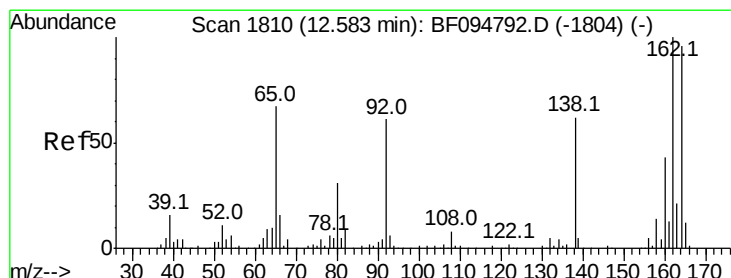
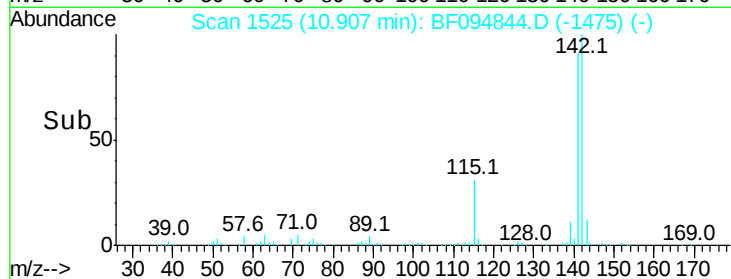
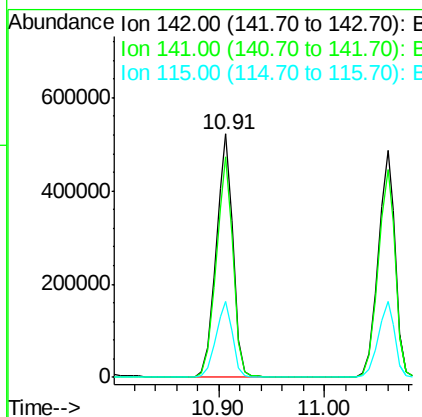
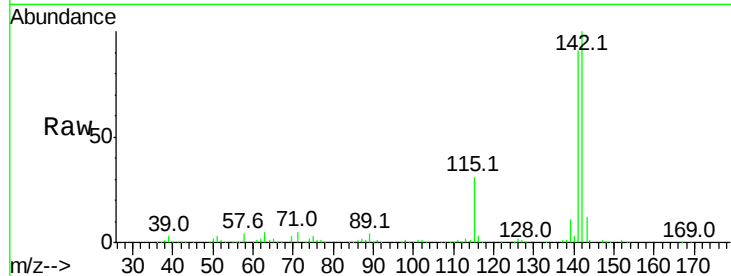
#37
2-Methylnaphthalene
Concen: 45.37 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9
115	30.9	27.1	40.7

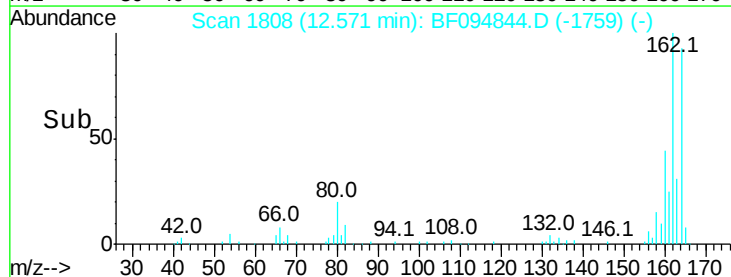
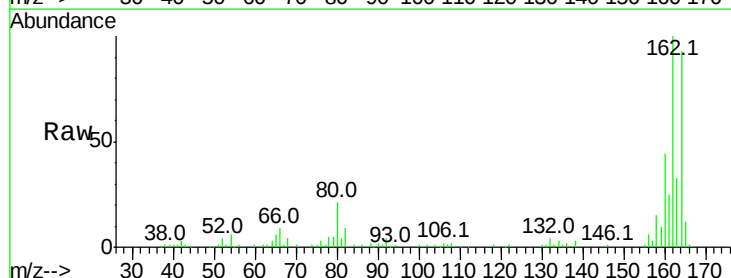
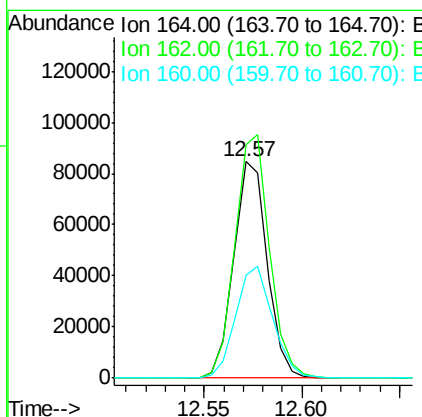
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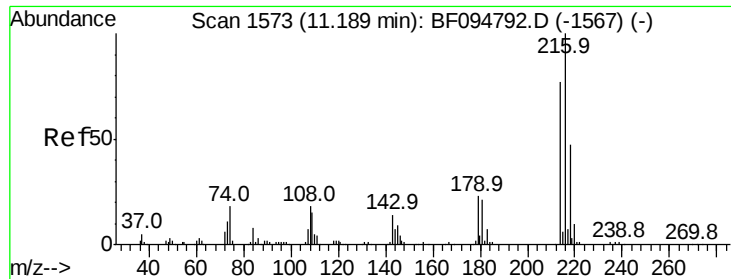
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.6	123.8
160	47.7	36.2	54.2





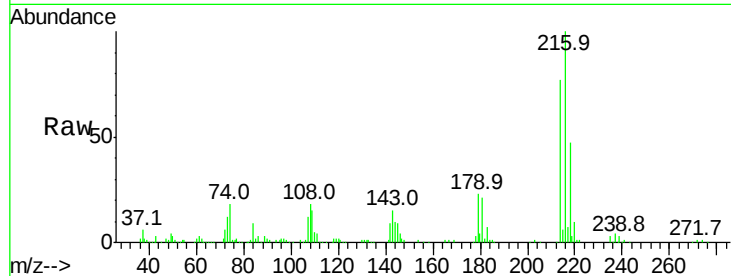
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 76.89 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

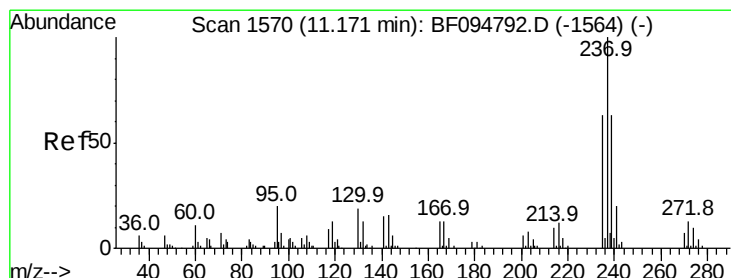
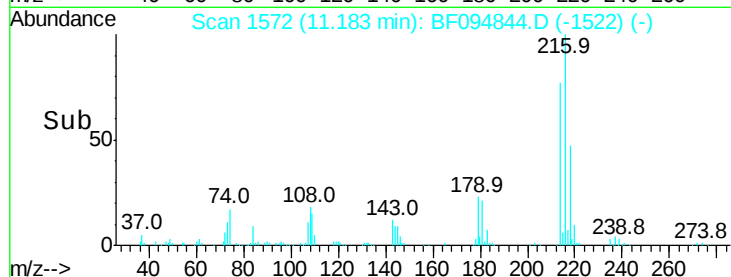
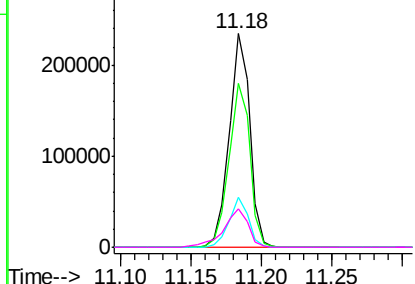
Tot Ion	Ratio	Resp	Lower	Upper
216	100	237722		
214	78.0		63.4	95.2
179	22.0		17.9	26.9
108	21.4		16.5	24.7

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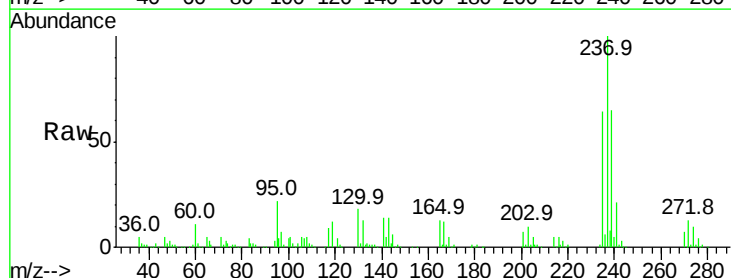


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

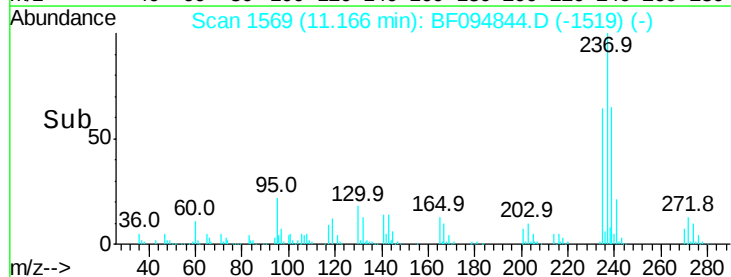
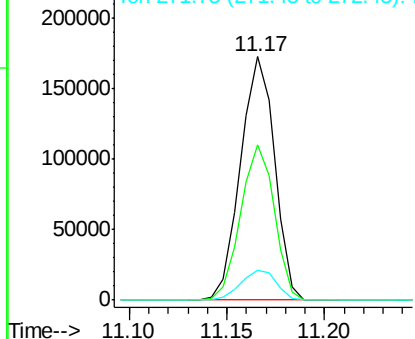


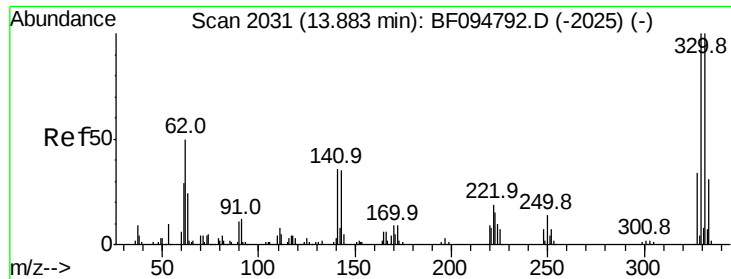
#40
 Hexachlorocyclopentadiene
 Concen: 154.88 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	209280		
235	64.0		42.6	82.6
272	12.5		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





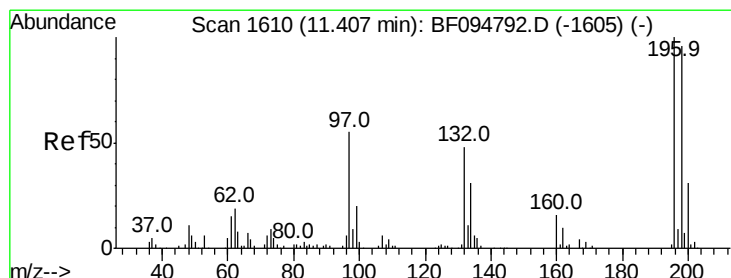
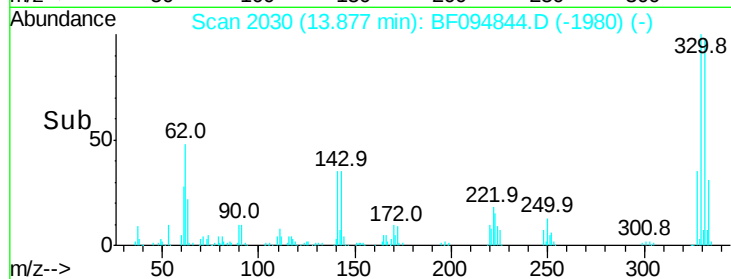
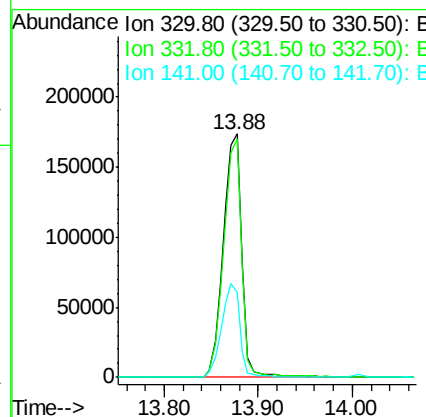
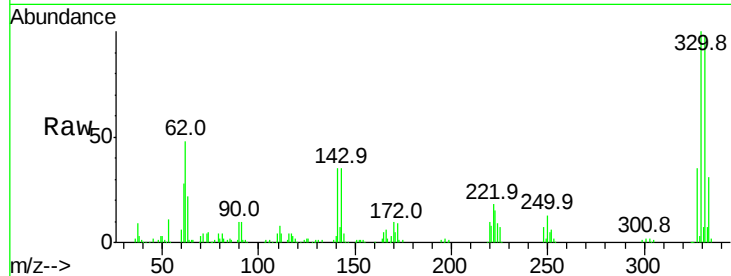
#41
 2,4,6-Tribromophenol
 Concen: 290.29 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239015		
332	96.2	76.6	115.0	
141	38.5	31.4	47.2	

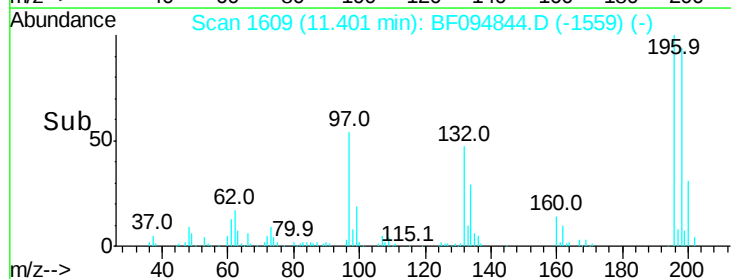
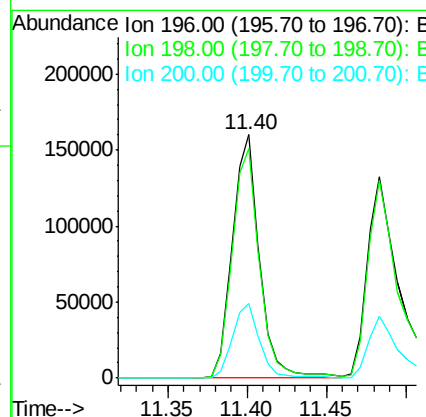
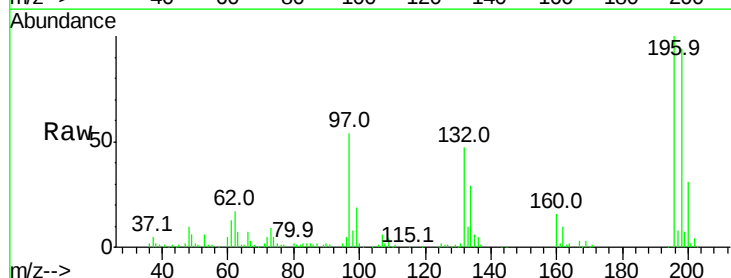
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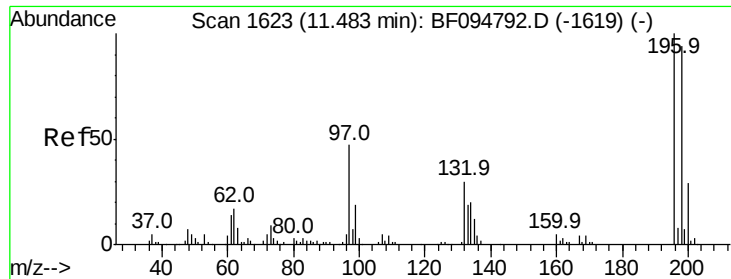
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#42
 2,4,6-Trichlorophenol
 Concen: 91.60 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189097		
198	94.4	74.2	111.4	
200	30.9	24.0	36.0	





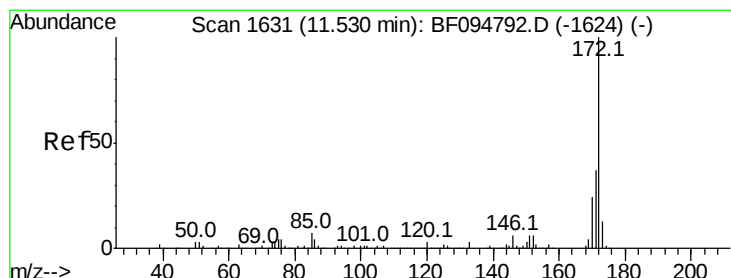
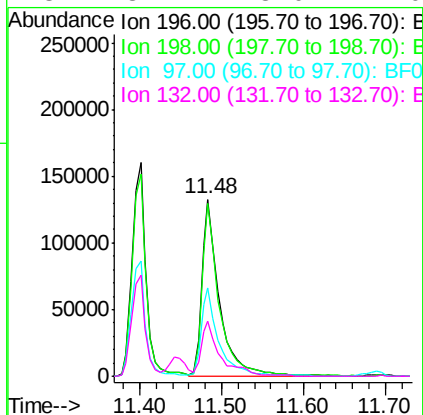
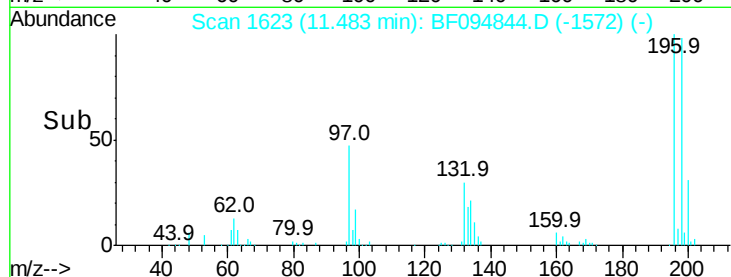
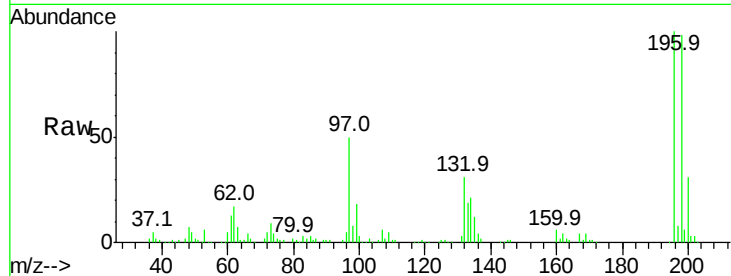
#43
 2,4,5-Trichlorophenol
 Concen: 88.80 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197011		
198	97.6	75.7	113.5	
97	50.1	47.7	71.5	
132	31.1	28.0	42.0	

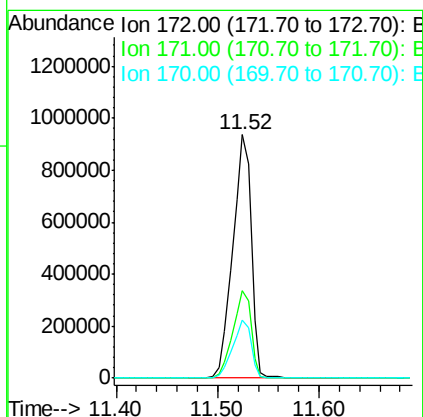
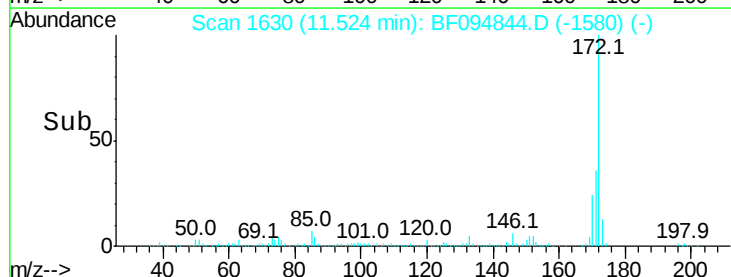
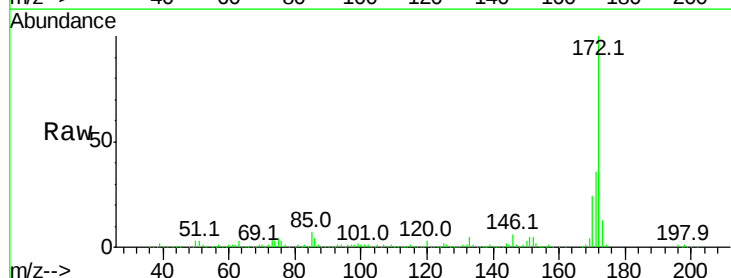
Manual Integrations
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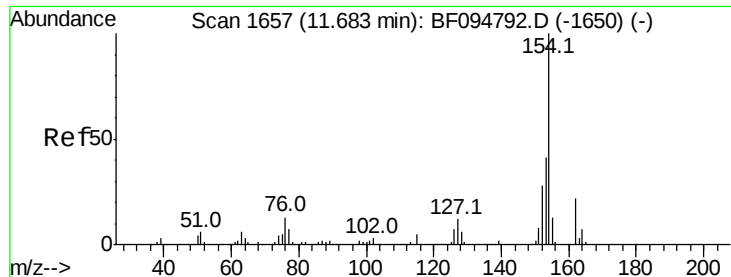
mohammad
 5/4/2017 3:34:47 PM



#44
 2-Fluorobiphenyl
 Concen: 170.13 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1188379		
171	36.0	29.6	44.4	
170	23.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 83.06 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

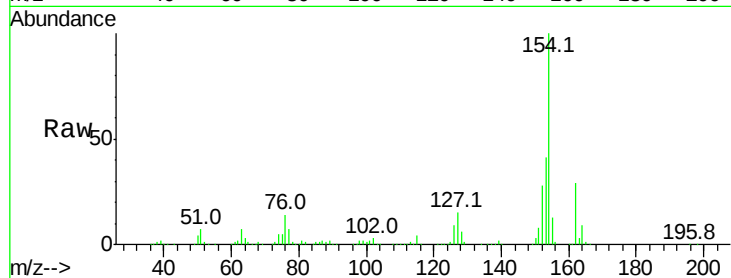
ClientSampleId :

SB-06-COMP(0-7)MSD

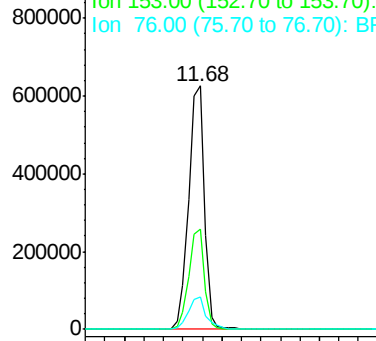
Tot Ion:	154	Resp:	703074
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.2	61.2
76	13.5	0.0	29.9

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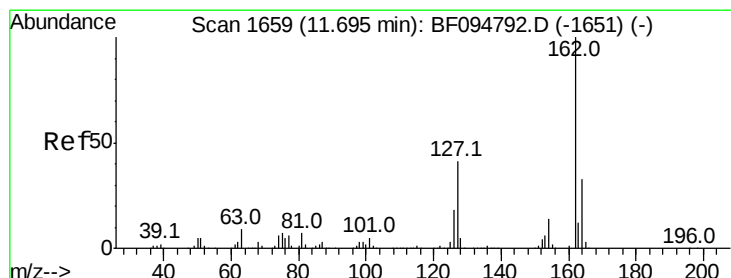
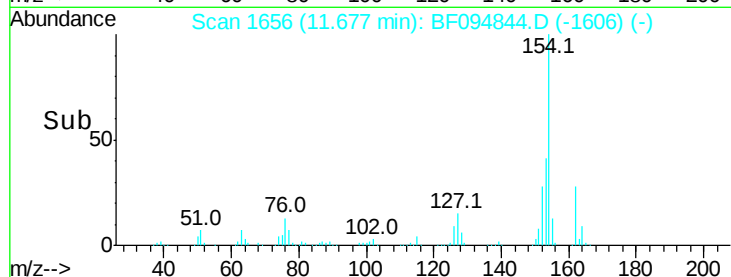
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 82.03 ng

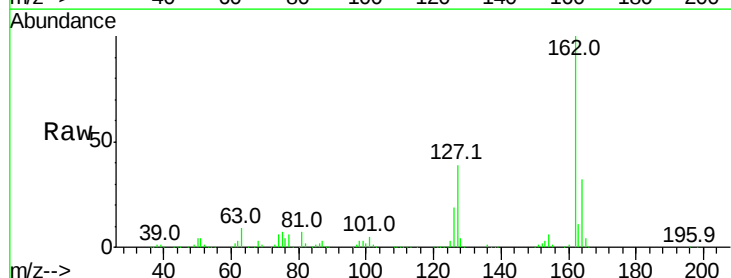
RT: 11.69 min Scan# 1658

Delta R.T. -0.01 min

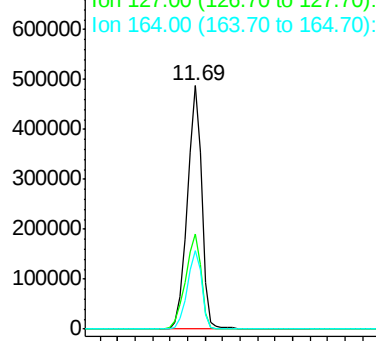
Lab File: BF094844.D

Acq: 3 May 2017 20:34

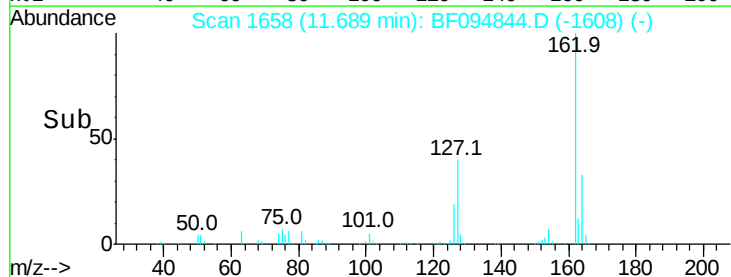
Tgt Ion:	162	Resp:	560628
Ion Ratio	Lower	Upper	
162	100		
127	38.8	28.3	42.5
164	32.3	27.0	40.4

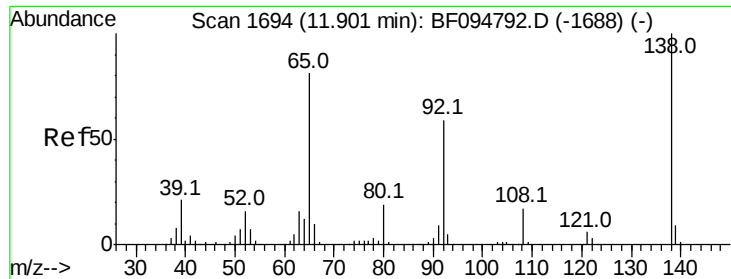


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





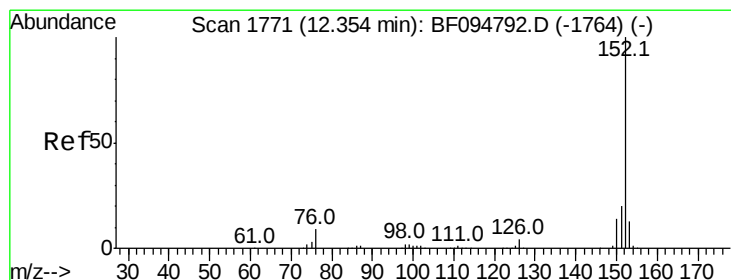
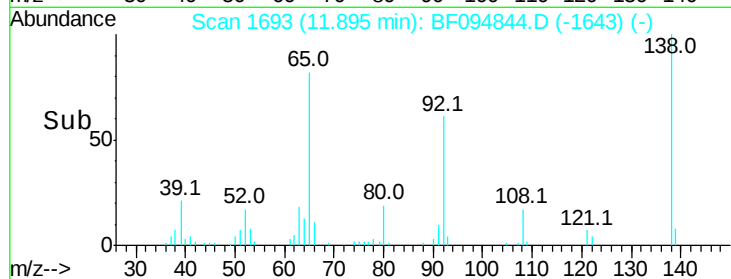
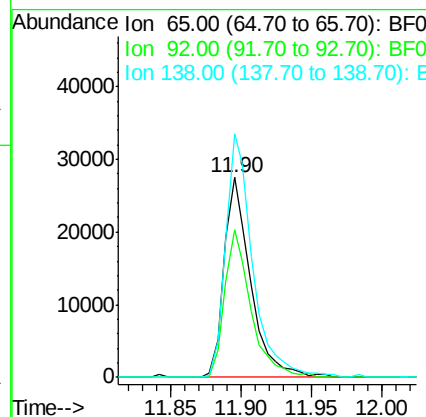
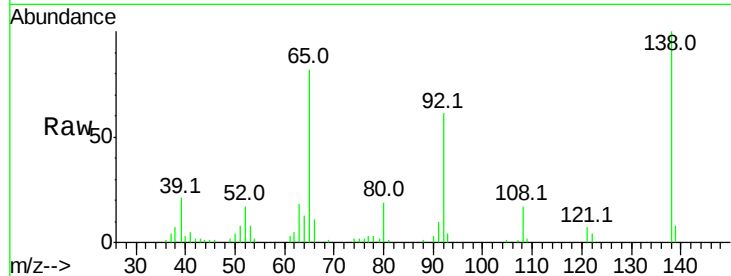
#47
 2-Nitroaniline
 Concen: 19.27 ng
 RT: 11.90 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.9	80.9
138	121.9	78.8	118.2

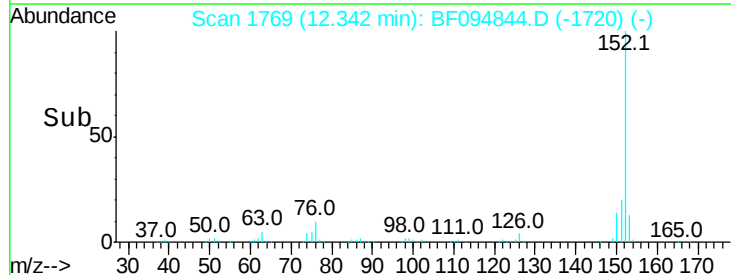
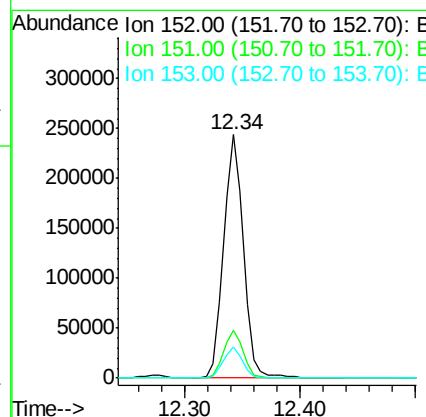
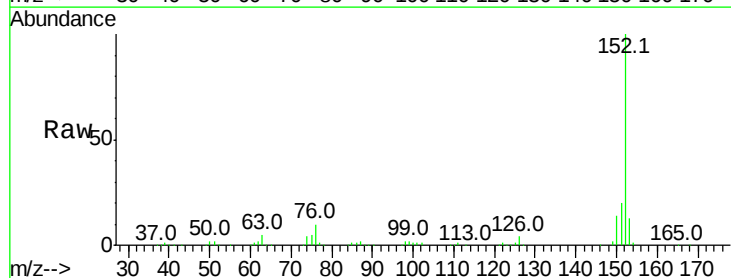
Manual Integrations
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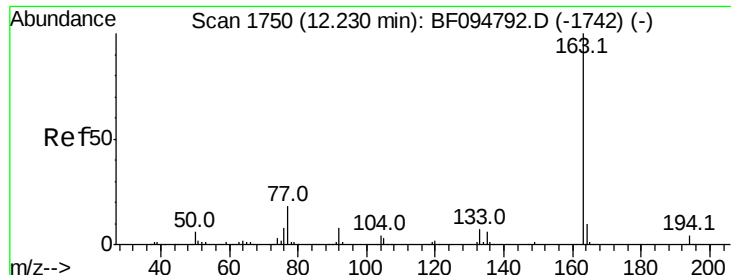
mohammad
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#48
 Acenaphthylene
 Concen: 27.01 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	12.7	10.8	16.2





#49

Dimethylphthalate

Concen: 76.26 ng

RT: 12.22 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

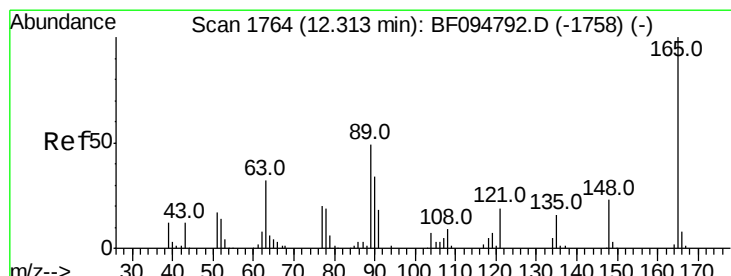
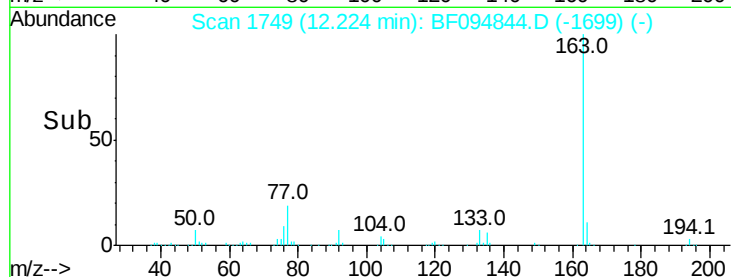
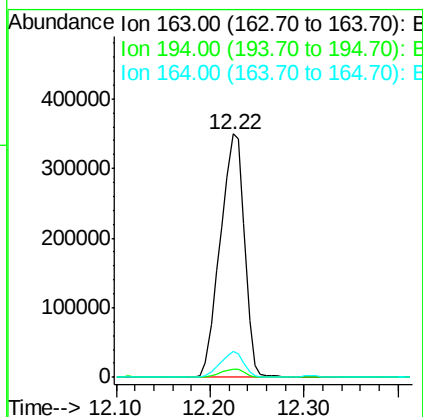
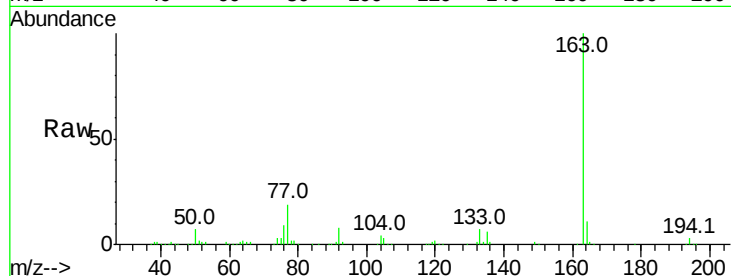
ClientSampleId :

SB-06-COMP(0-7)MSD

Tot Ion:	163	Resp:	629413
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.7	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 94.52 ng

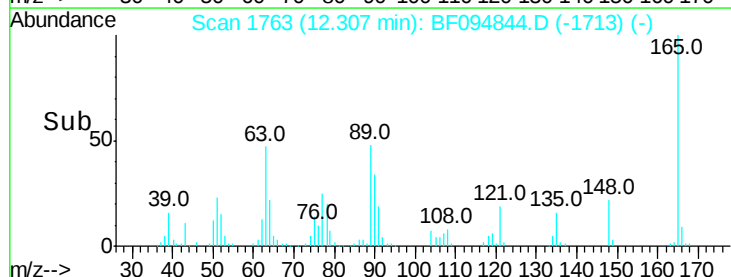
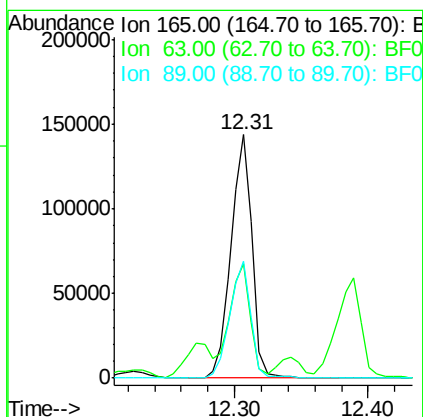
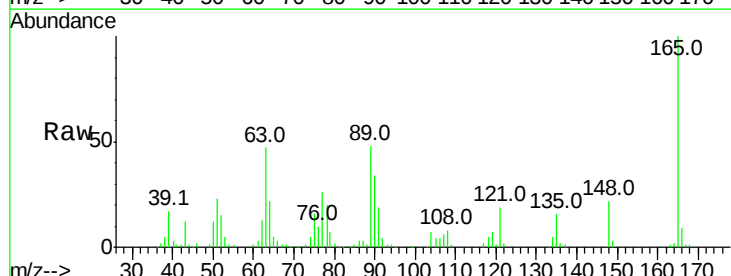
RT: 12.31 min Scan# 1763

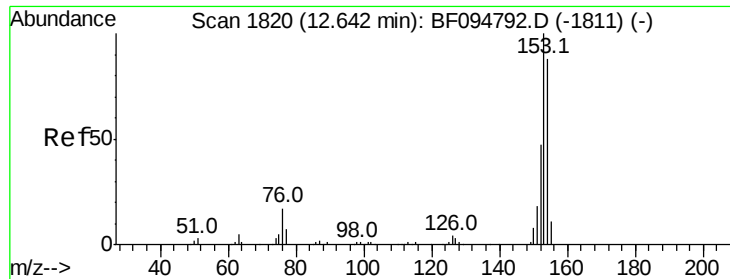
Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:	165	Resp:	159150
Ion Ratio	Lower	Upper	
165	100		
63	47.2	34.3	51.5
89	47.8	37.1	55.7





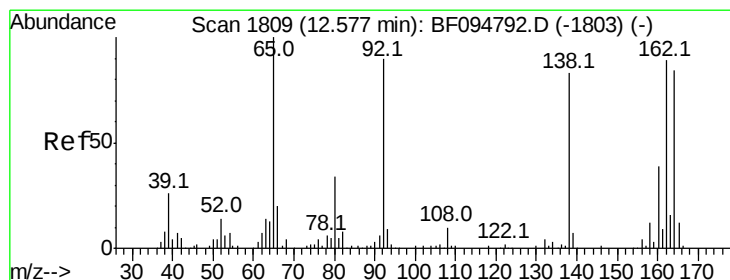
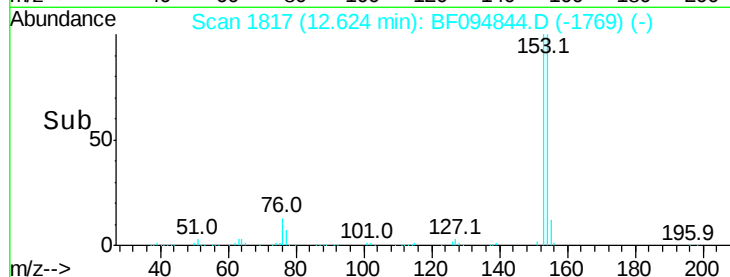
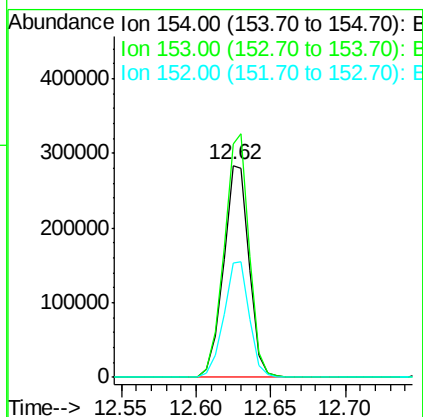
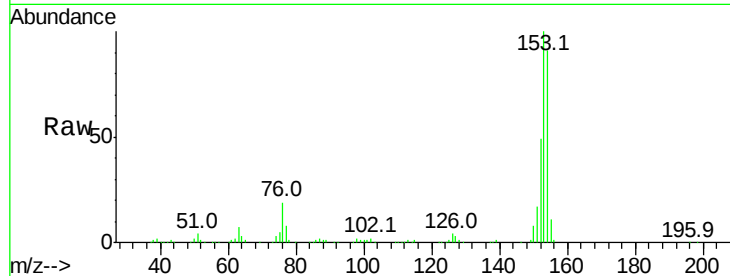
#51
Acenaphthene
Concen: 53.71 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.5	135.7
152	53.7	43.6	65.4

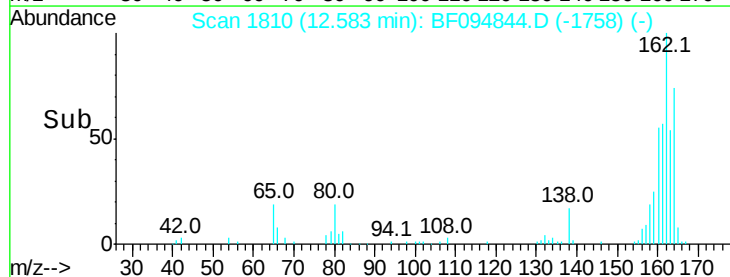
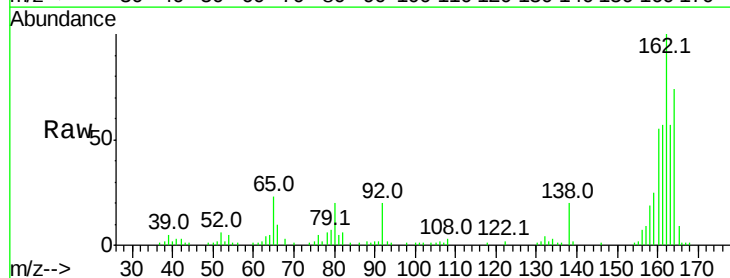
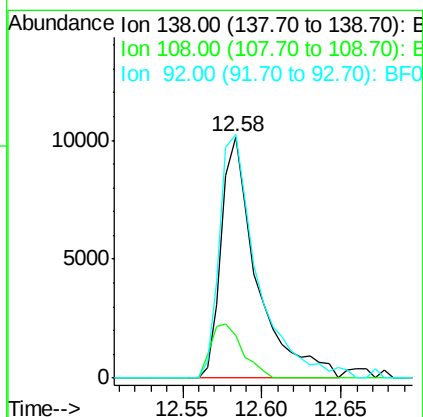
Manual Integrations
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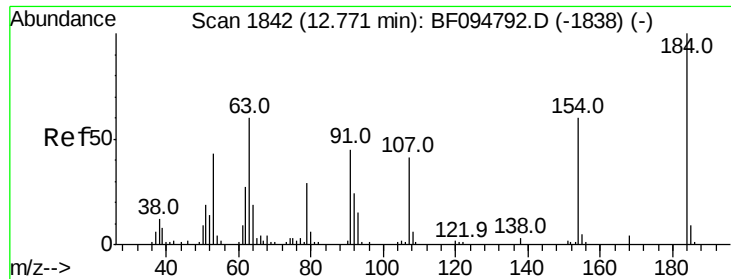
mohammad
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#52
3-Nitroaniline
Concen: 8.71 ng
RT: 12.58 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	17.5	9.1	13.7#
92	100.9	93.8	140.6





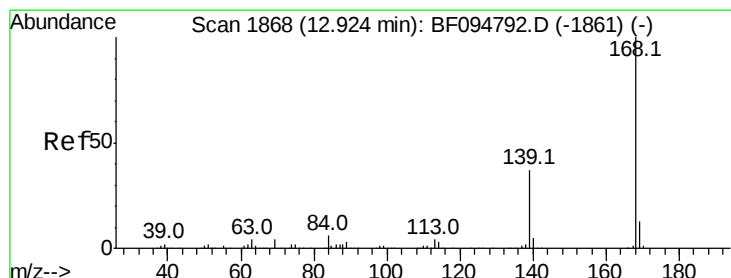
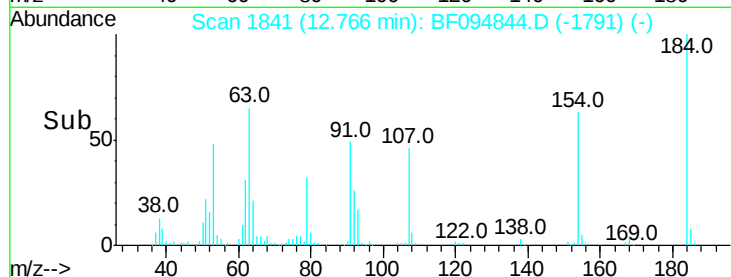
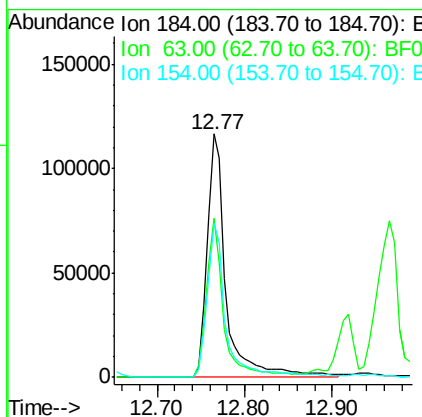
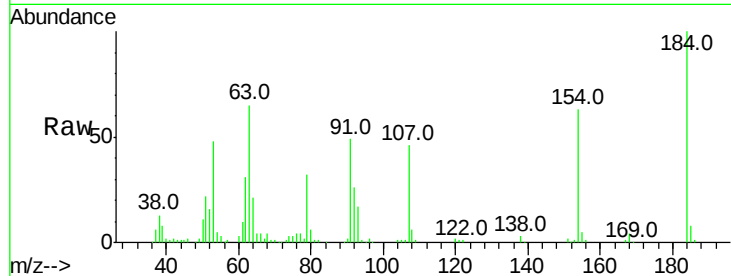
#53
 2,4-Dinitrophenol
 Concen: 181.45 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	176253		
63	65.2	62.7	94.1	
154	63.1	81.1	121.7	

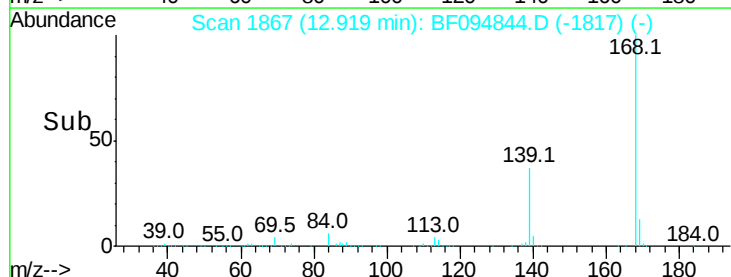
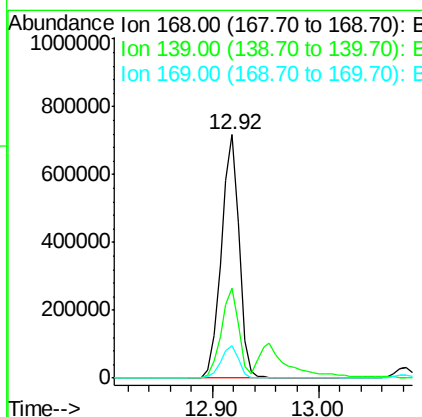
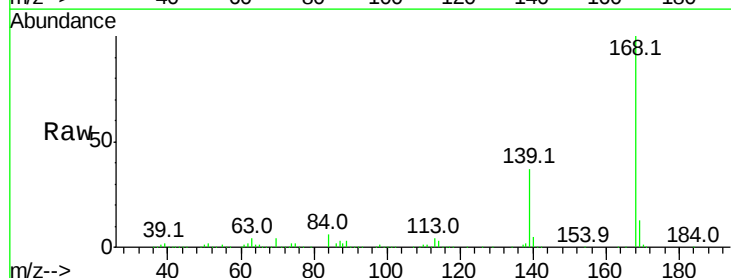
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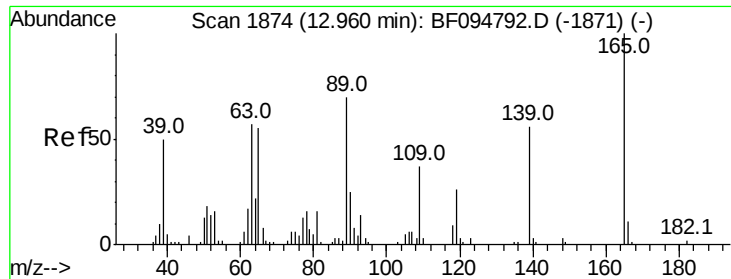
mohammad
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#54
 Dibenzofuran
 Concen: 95.60 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	845908		
139	37.0	30.6	45.8	
169	13.3	10.8	16.2	





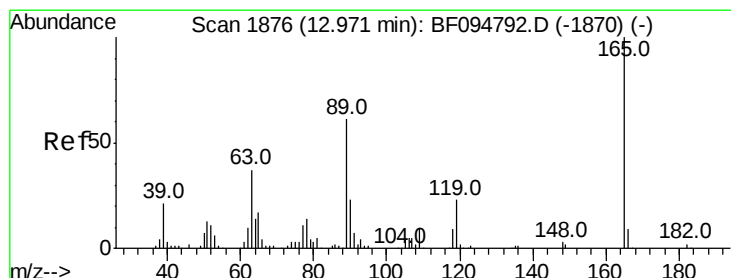
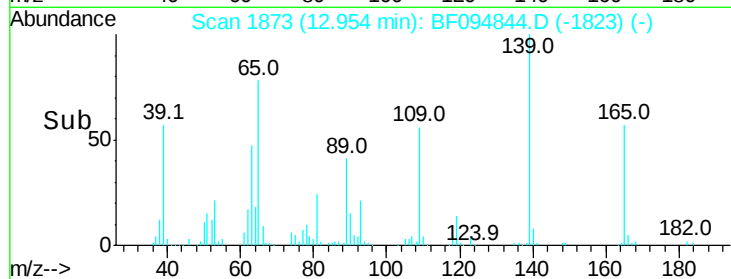
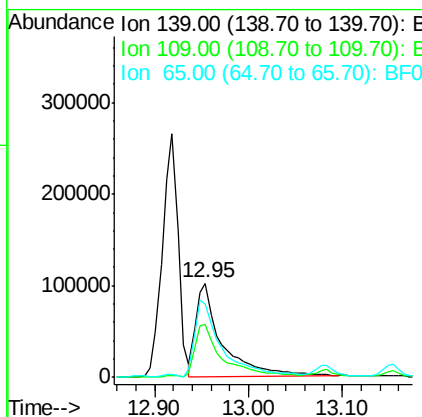
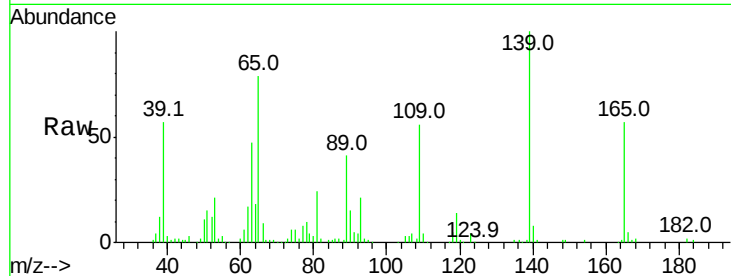
#55
4-Nitrophenol
Concen: 180.88 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.4	34.1	74.1	
65	78.6	31.4	71.4	#

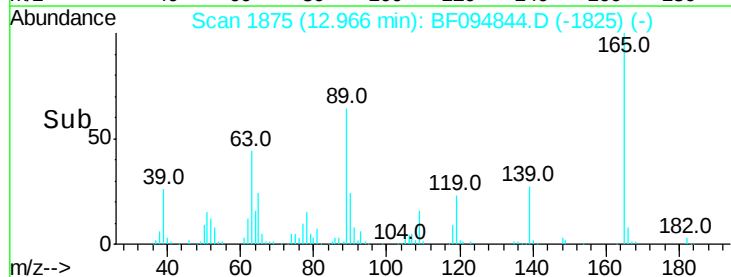
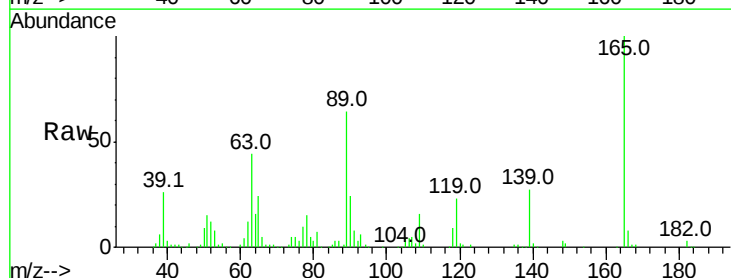
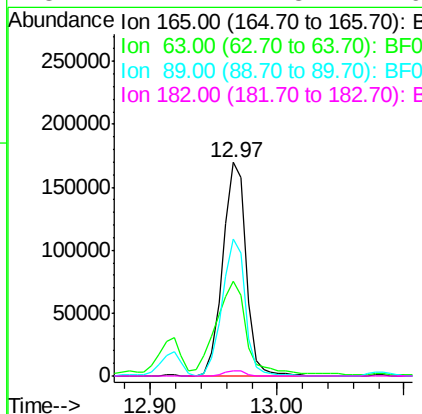
Manual Integrations
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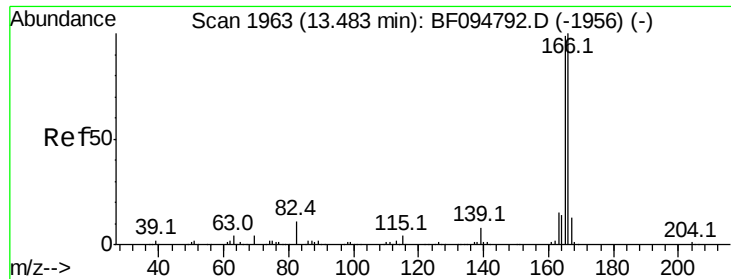
mohammad
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#56
2,4-Dinitrotoluene
Concen: 99.75 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.2	25.4	38.0	#
89	64.3	46.4	69.6	
182	2.7	1.8	2.6	#





#57

Fluorene

Concen: 83.57 ng

RT: 13.47 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

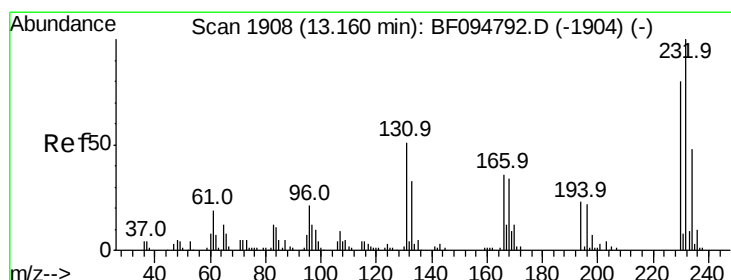
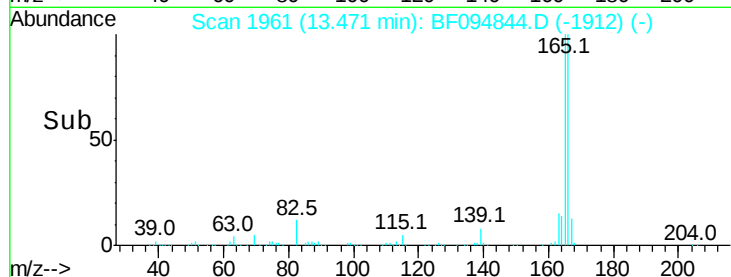
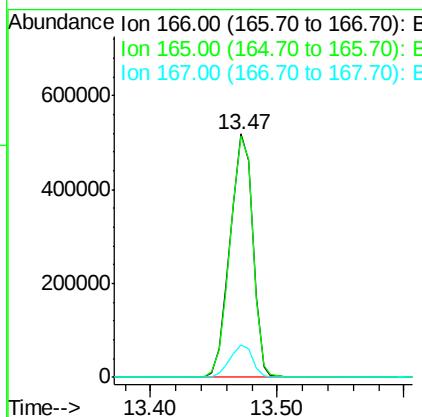
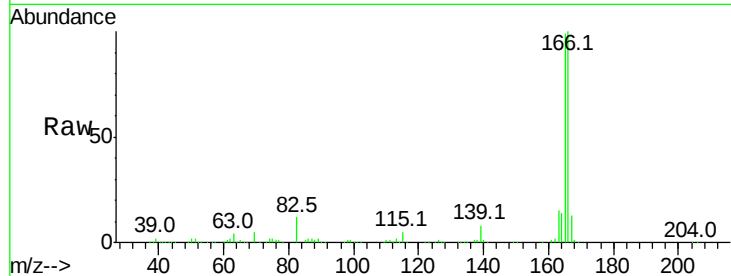
ClientSampleId :

SB-06-COMP(0-7)MSD

Tot Ion:	166	Resp:	642983
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.8	118.2
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 109.65 ng

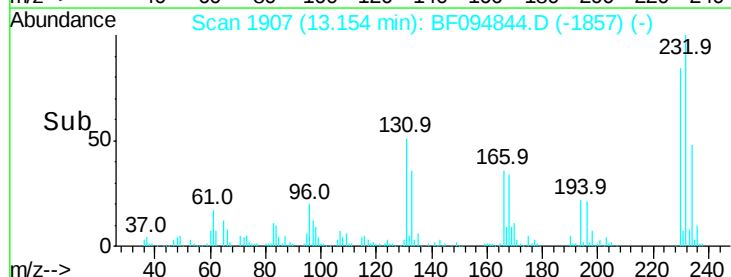
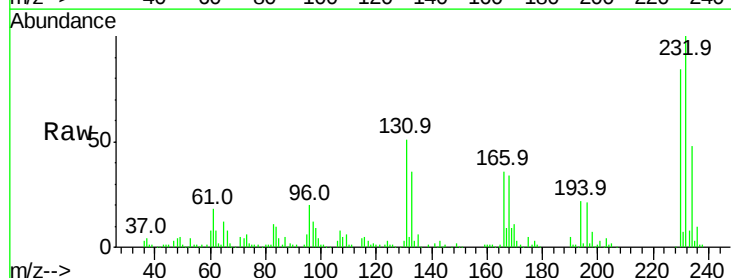
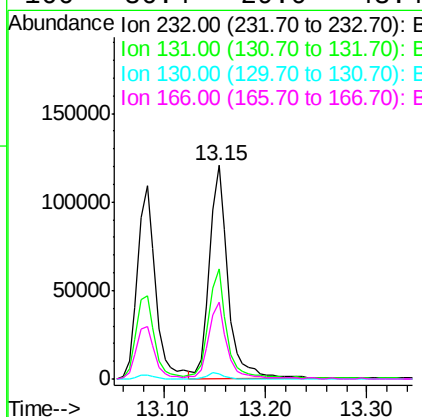
RT: 13.15 min Scan# 1907

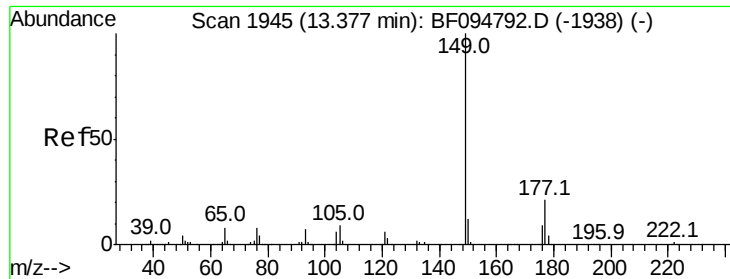
Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:	232	Resp:	153105
Ion Ratio	Lower	Upper	
232	100		
131	49.7	44.8	67.2
130	2.5	2.3	3.5
166	36.4	29.0	43.4





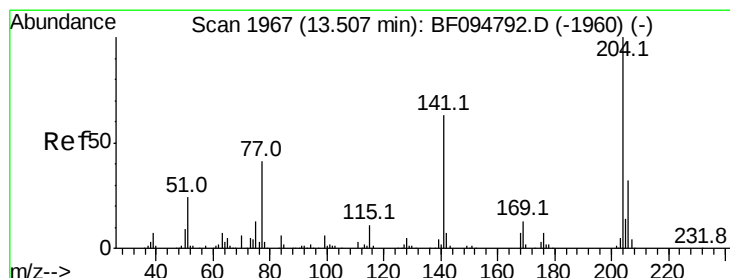
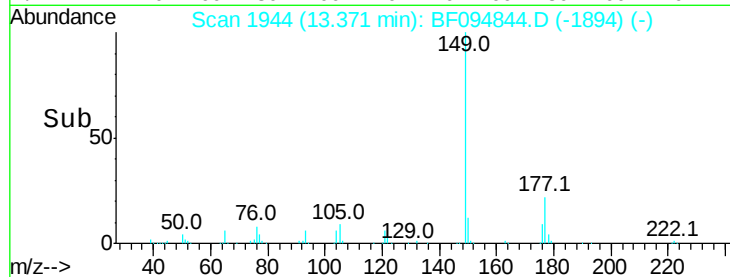
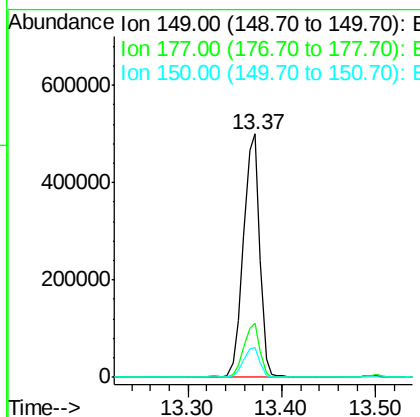
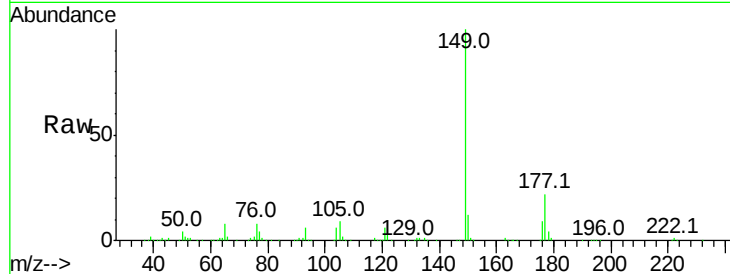
#59
Diethylphthalate
Concen: 76.24 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	603105		
177	22.1	16.7	25.1	
150	12.3	10.2	15.2	

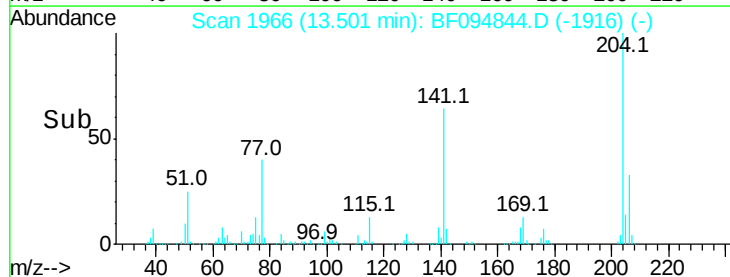
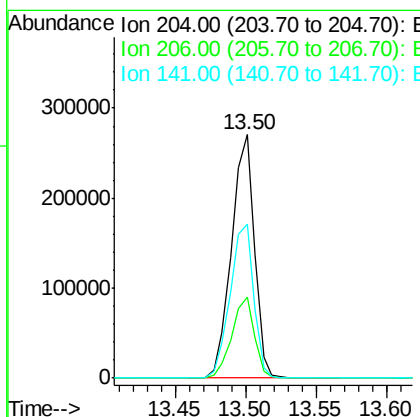
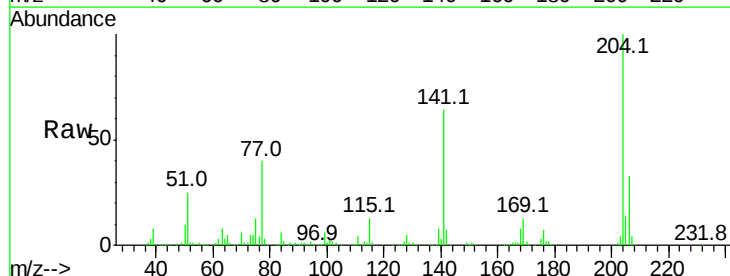
Manual Integrations
APPROVED

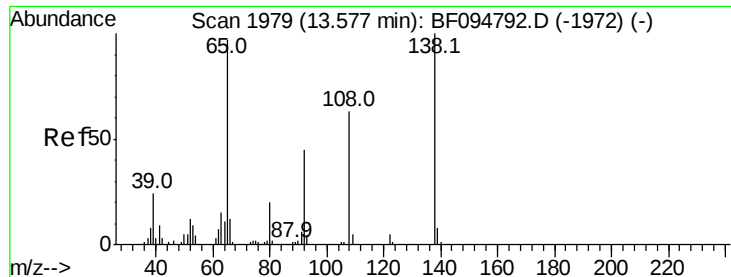
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 90.45 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	305840		
206	33.1	26.2	39.2	
141	63.5	60.8	91.2	





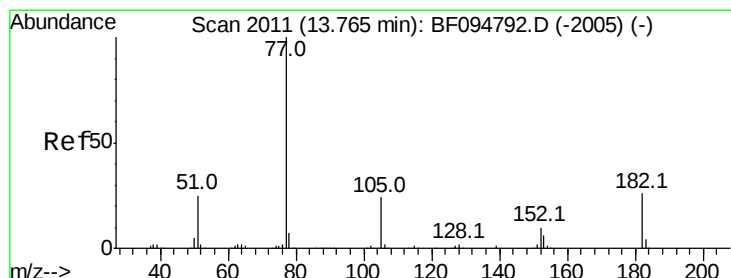
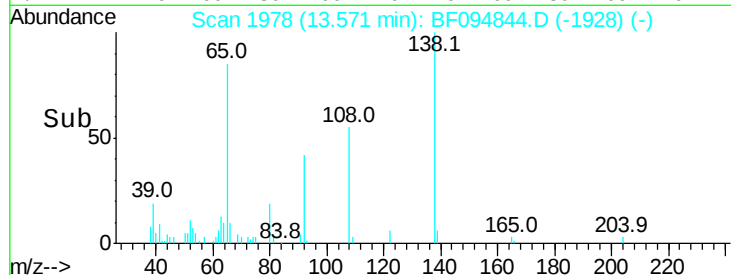
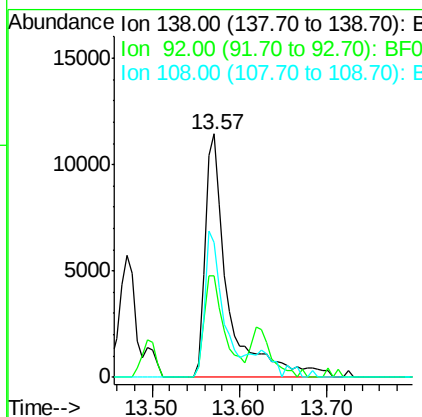
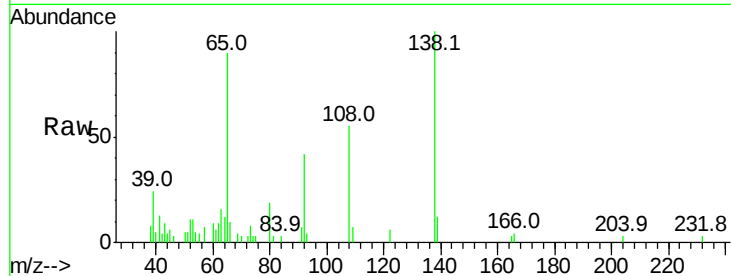
#61
4-Nitroaniline
Concen: 12.48 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.9	21.8	61.8
108	55.4	42.3	82.3

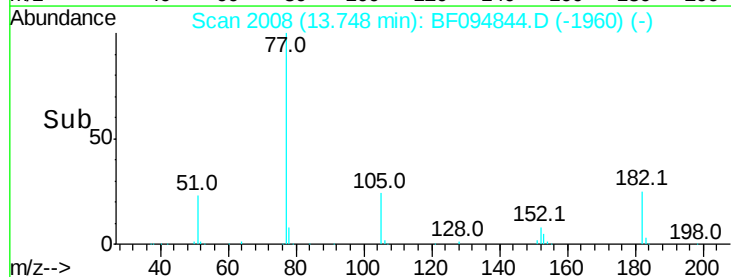
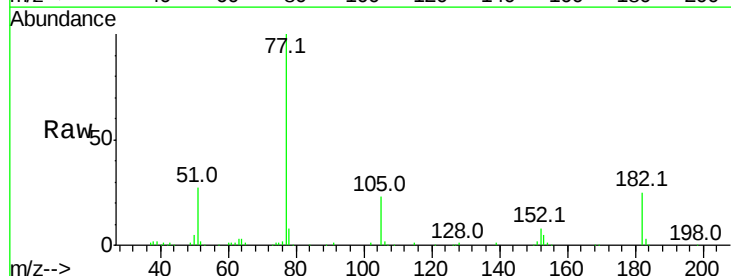
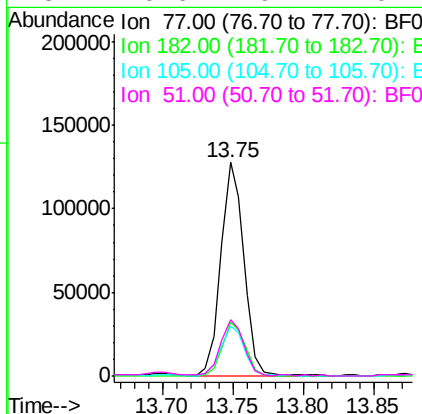
Manual Integrations
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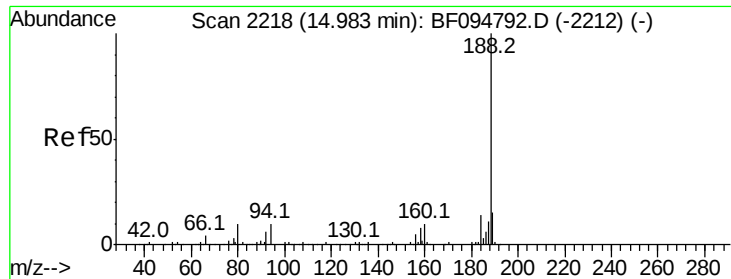
mohammad
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#62
Azobenzene
Concen: 22.81 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	0.1	40.1
105	23.5	3.6	43.6
51	26.6	9.4	49.4





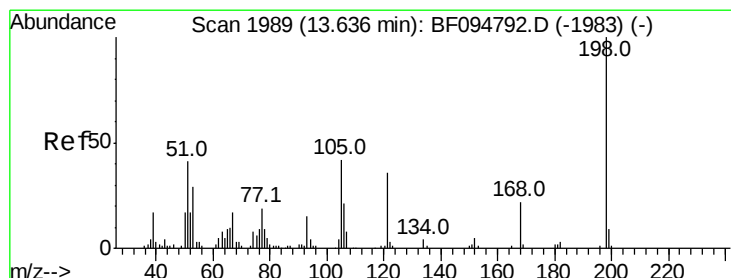
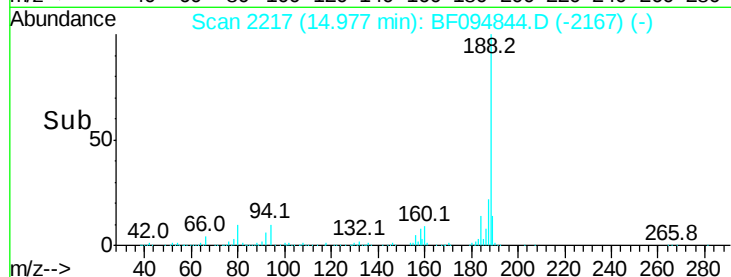
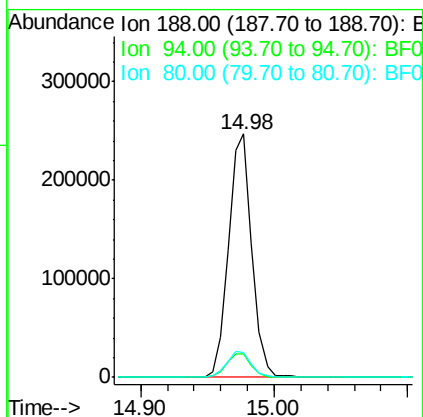
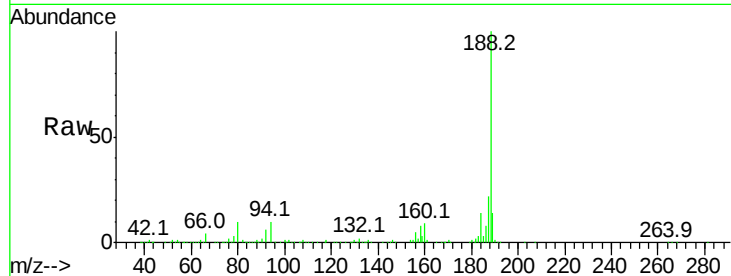
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	9.4	14.2	
80	10.0	10.2	15.2#	

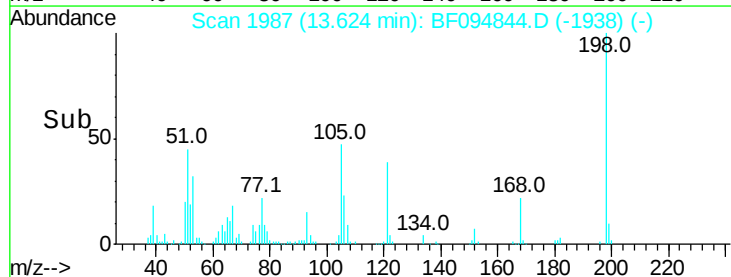
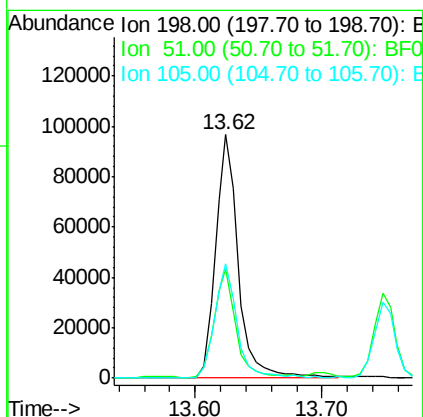
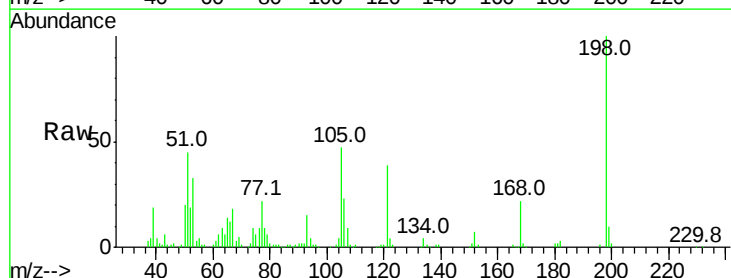
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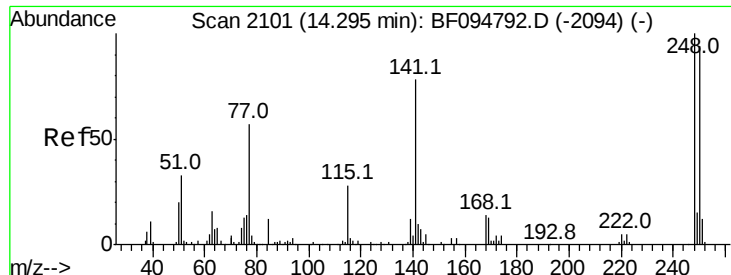
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 59.90 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.1	53.2	93.2#	
105	46.8	45.8	85.8	





#66

4-Bromophenyl-phenylether

Concen: 54.24 ng

RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

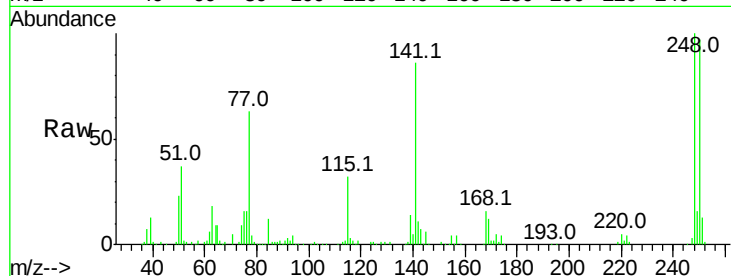
ClientSampleId :

SB-06-COMP(0-7)MSD

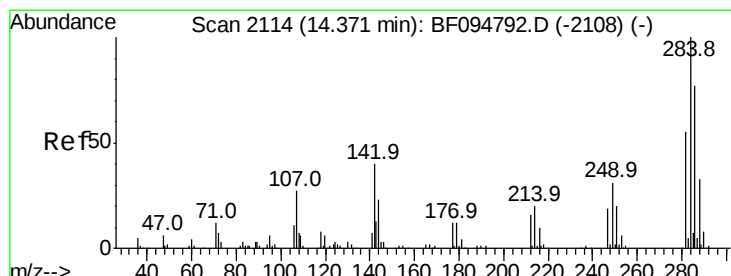
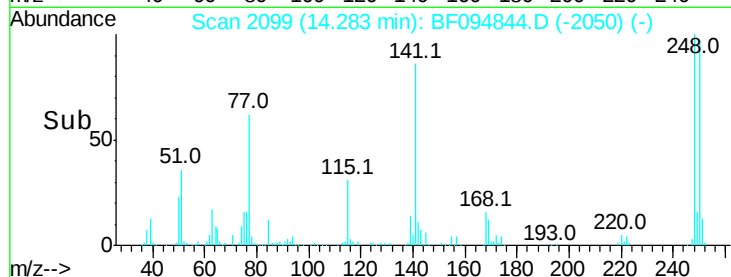
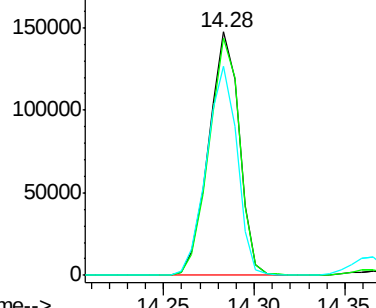
Tot Ion:	248	Resp:	172373
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.8	115.2
141	86.1	68.6	103.0

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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: 51.67 ng

RT: 14.37 min Scan# 2113

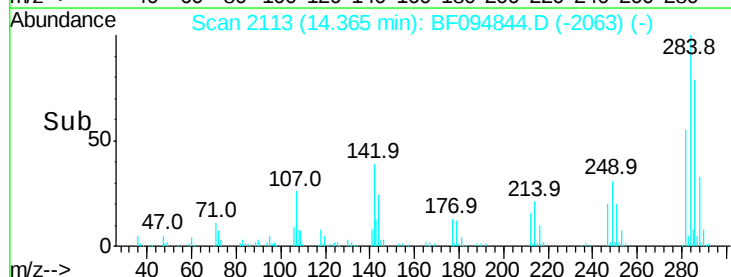
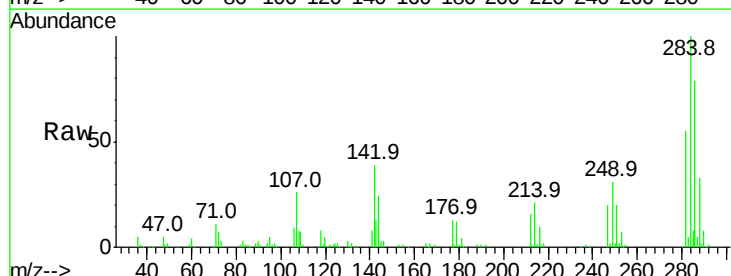
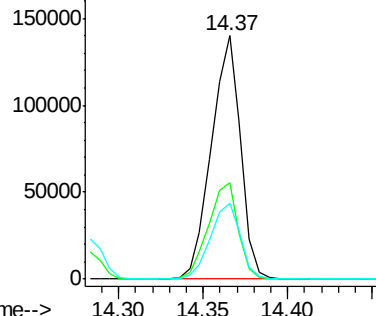
Delta R.T. -0.01 min

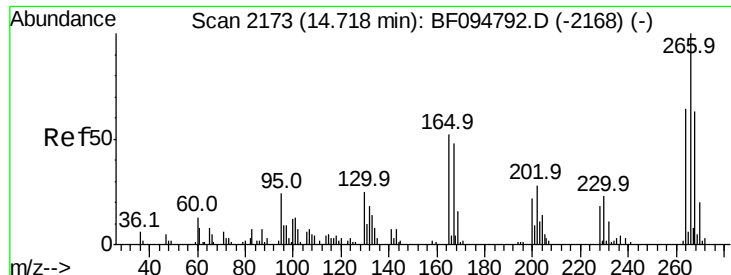
Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:	284	Resp:	168269
Ion Ratio	Lower	Upper	
284	100		
142	39.4	22.8	34.2#
249	31.3	24.0	36.0

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





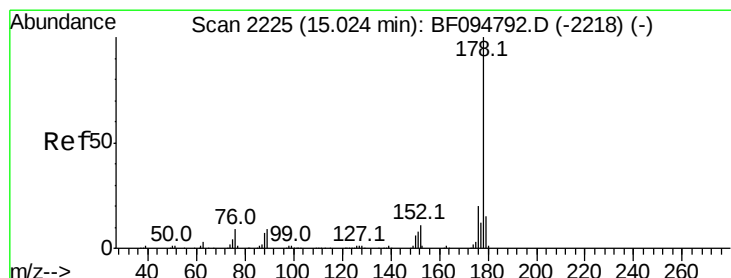
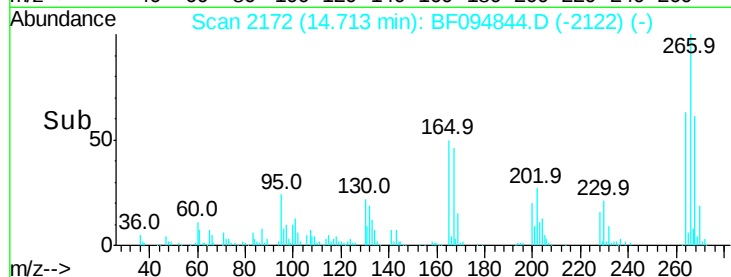
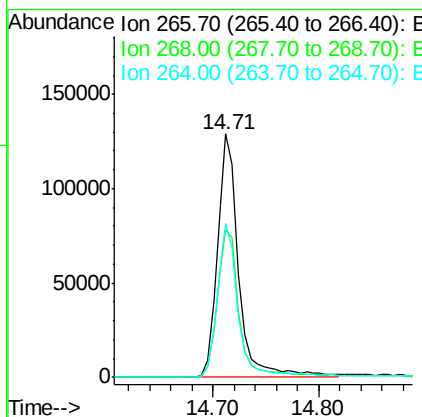
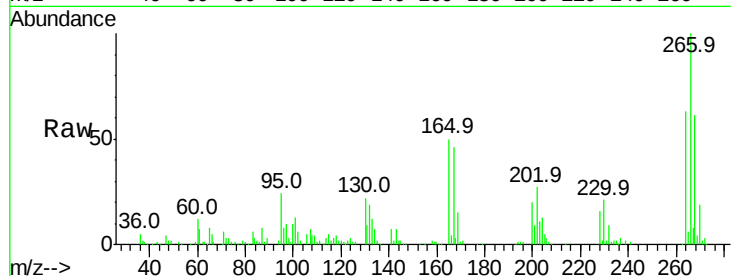
#69
 Pentachlorophenol
 Concen: 120.64 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182368		
268	60.7		51.1	76.7
264	63.4		51.7	77.5

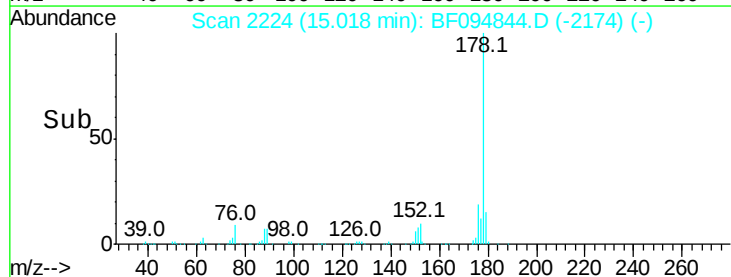
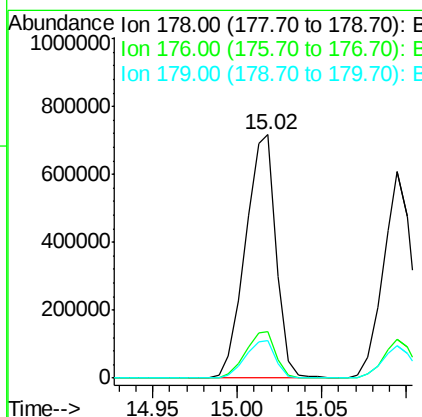
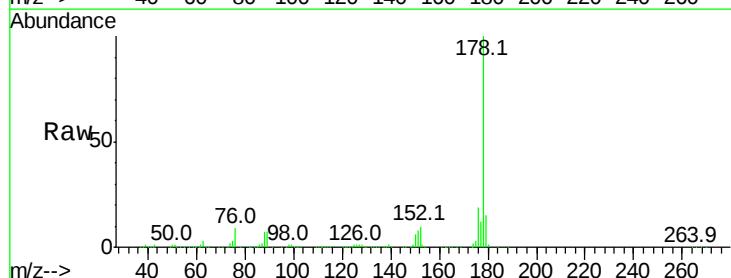
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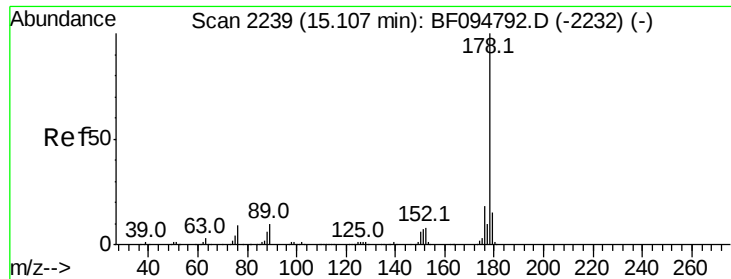
mohammad
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#70
 Phenanthrene
 Concen: 52.37 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	905052		
176	19.3		16.2	24.4
179	15.2		12.6	19.0





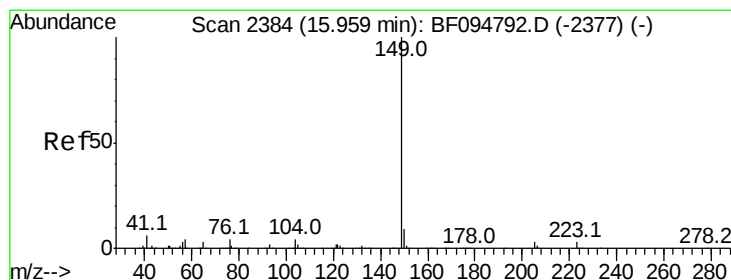
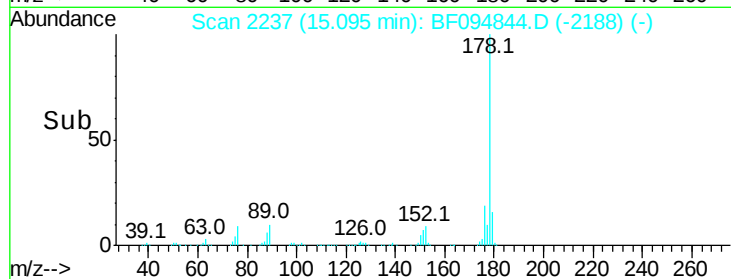
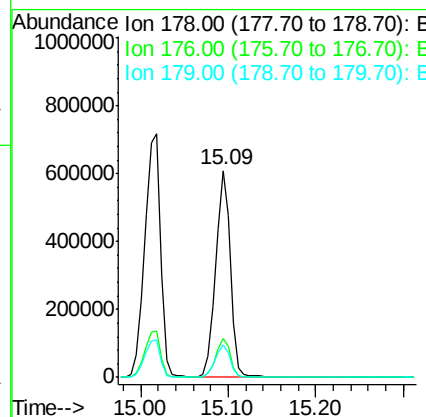
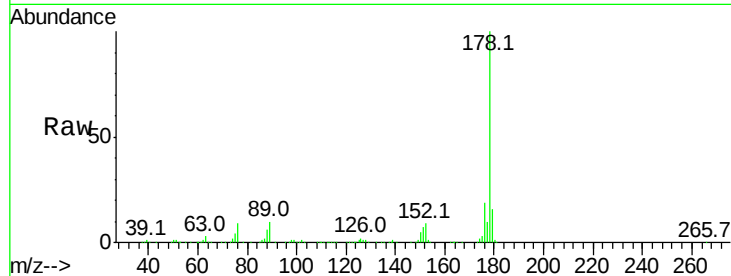
#71
 Anthracene
 Concen: 40.45 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.6	12.7	19.1

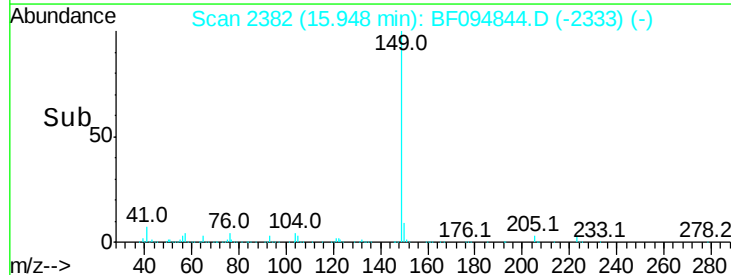
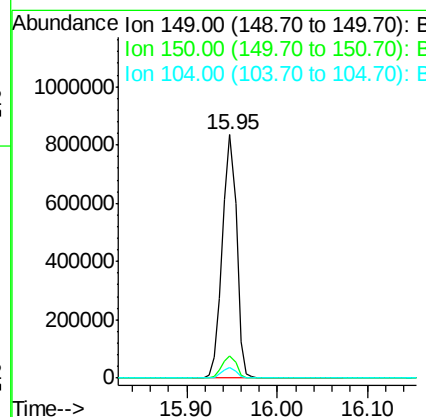
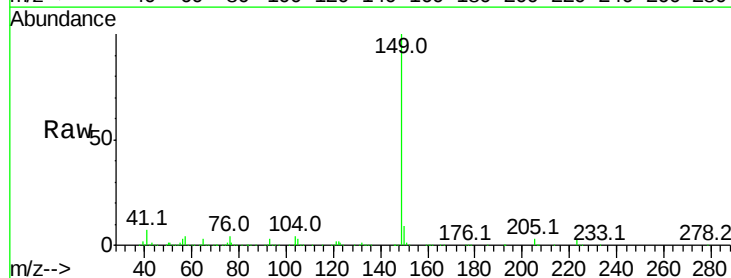
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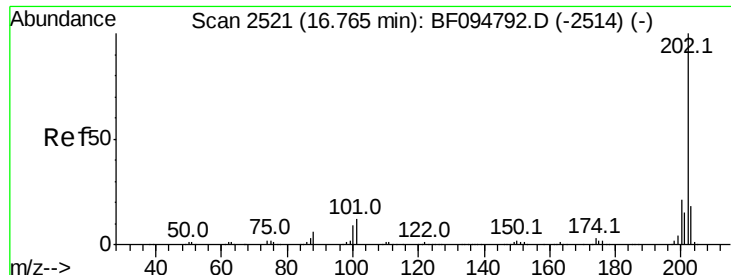
mohammad
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#73
 Di-n-butylphthalate
 Concen: 45.36 ng
 RT: 15.95 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.2	4.0	6.0





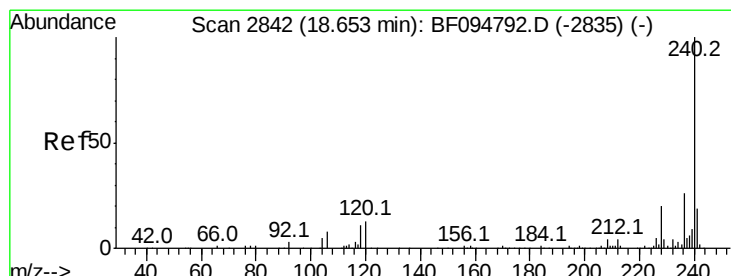
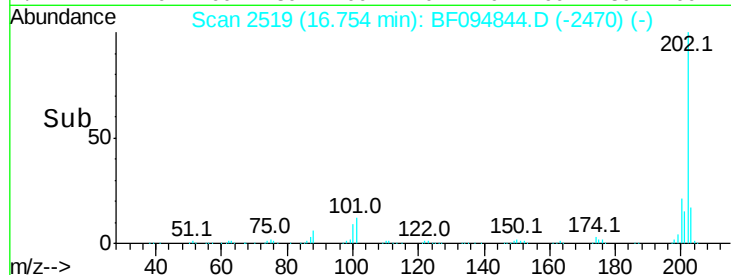
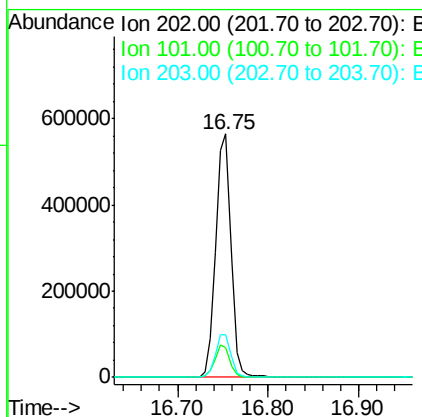
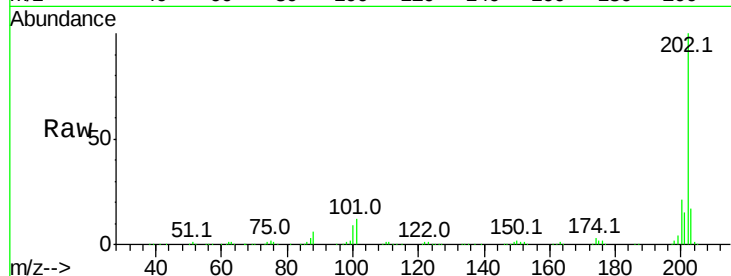
#74
 Fluoranthene
 Concen: 37.05 ng
 RT: 16.75 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	0.0	33.2
203	17.5	0.0	38.1

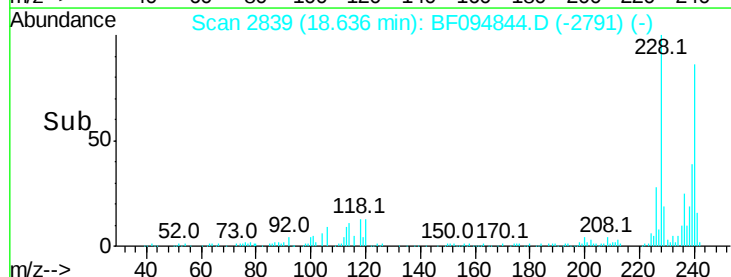
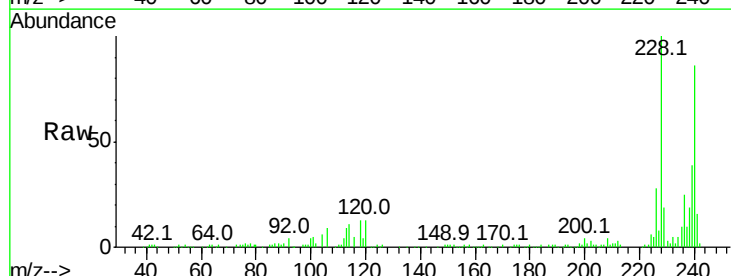
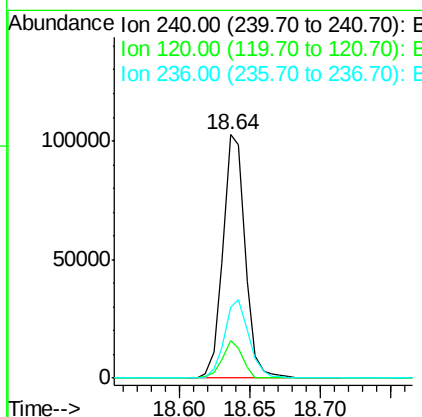
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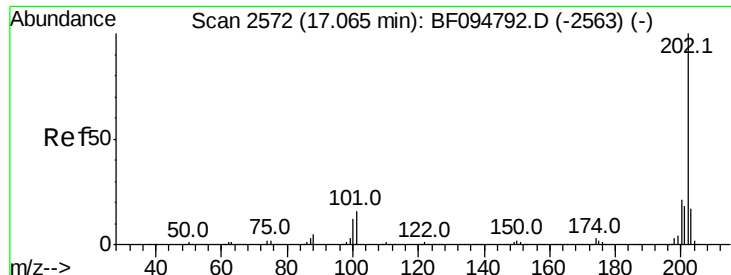
mohammad
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094844.D
 Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.2	5.8	8.8#
236	28.9	20.5	30.7





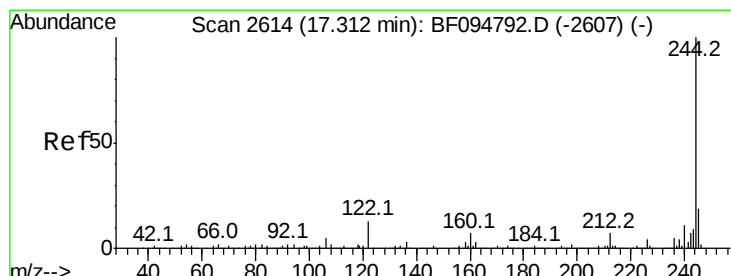
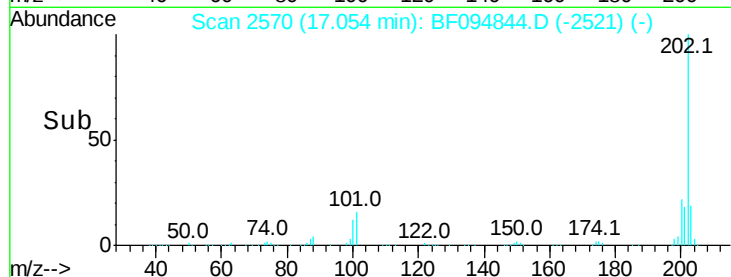
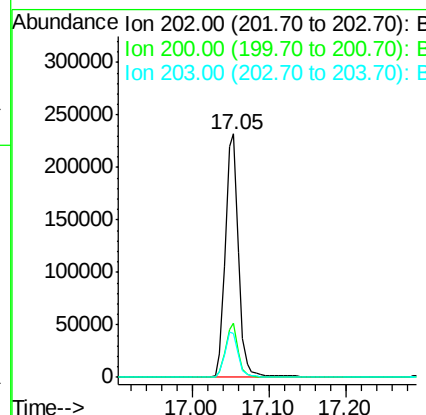
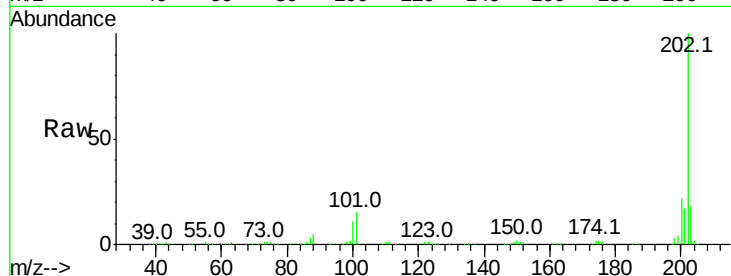
#77
Pvrene
Concen: 32.78 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	276267		
200	22.1		17.6	26.4
203	17.9		14.4	21.6

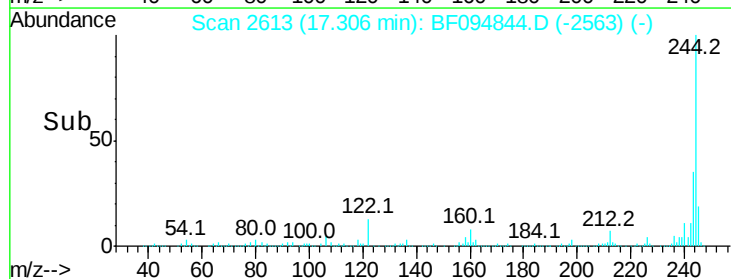
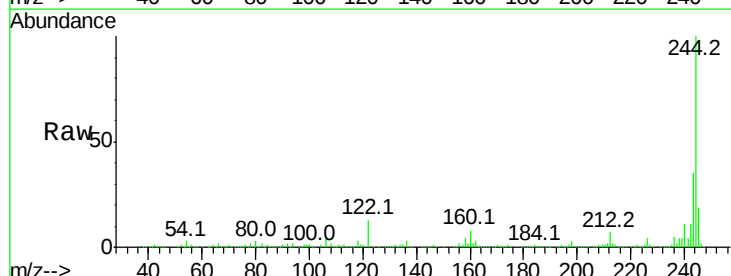
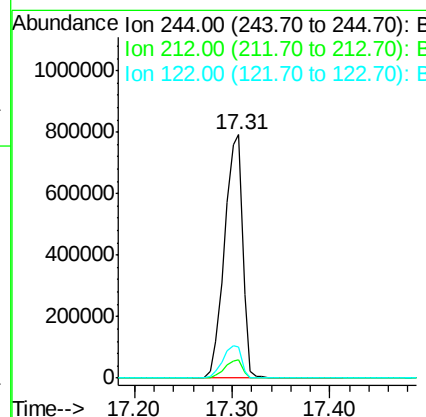
Manual Integrations
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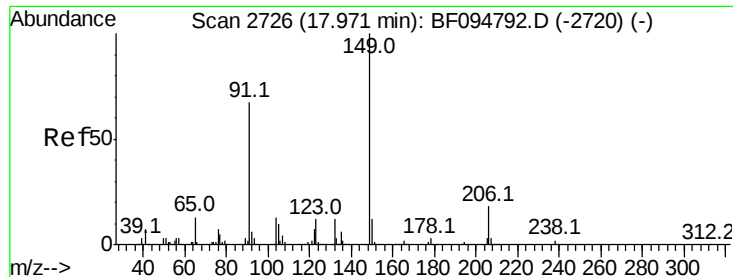
mohammad
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#78
Terphenyl-d14
Concen: 200.03 ng
RT: 17.31 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1023262		
212	7.4		6.0	9.0
122	13.0		10.3	15.5





#79

Butylbenzylphthalate

Concen: 13.06 ng

RT: 17.95 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

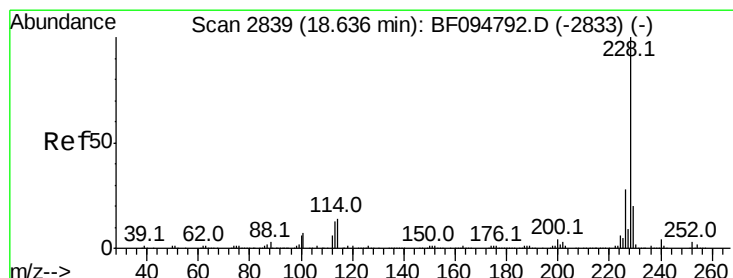
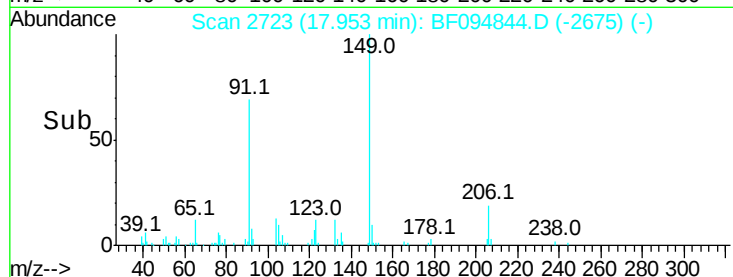
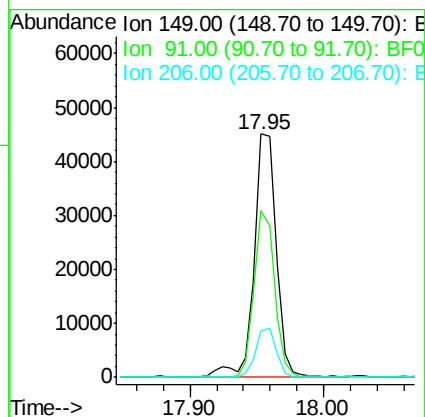
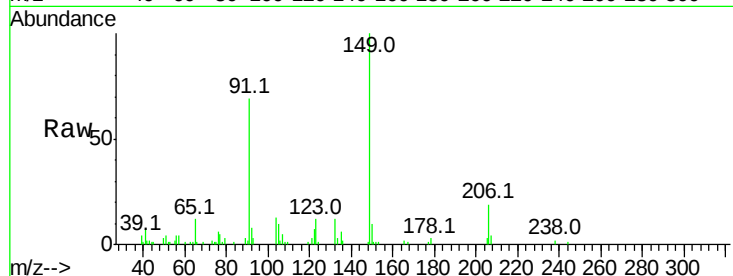
ClientSampleId :

SB-06-COMP(0-7)MSD

Tot Ion:	149	Resp:	51194
Ion Ratio	Lower	Upper	
149	100		
91	68.7	45.0	67.4#
206	19.3	17.0	25.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 57.55 ng

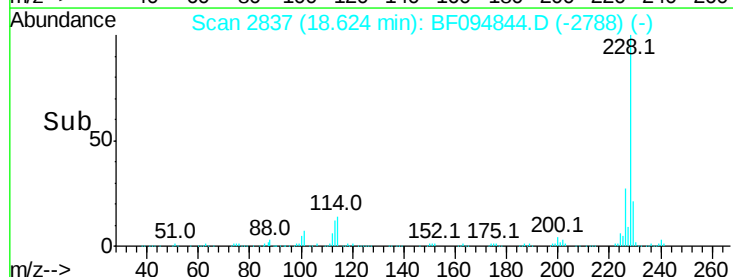
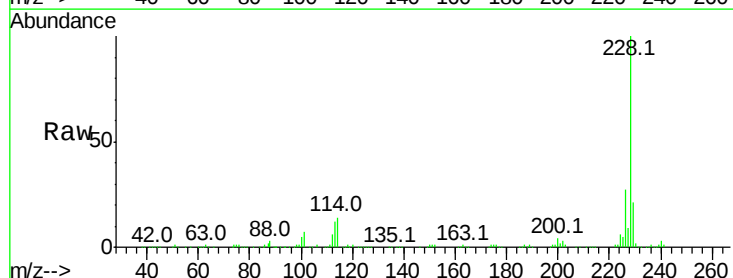
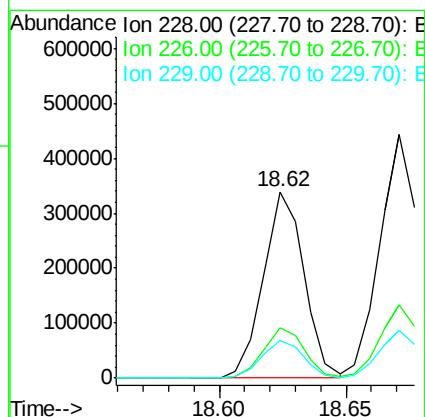
RT: 18.62 min Scan# 2837

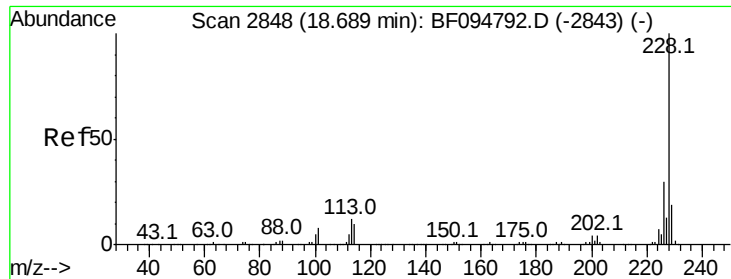
Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:	228	Resp:	377364
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	33.8
229	20.5	16.3	24.5





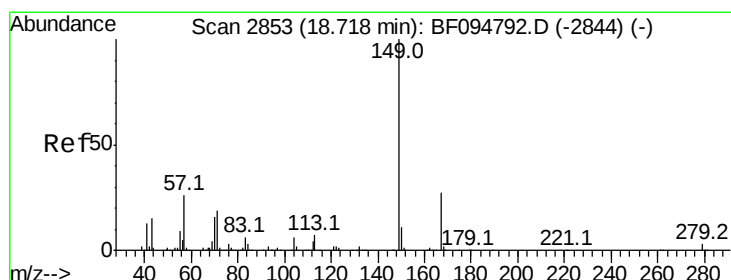
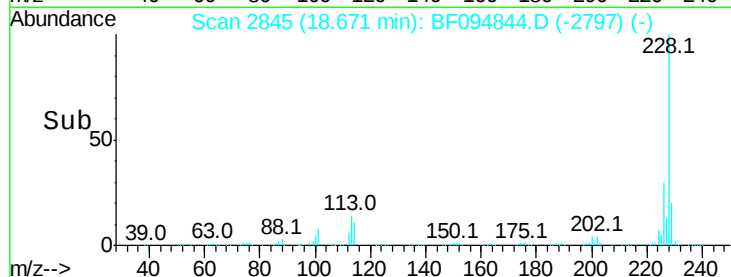
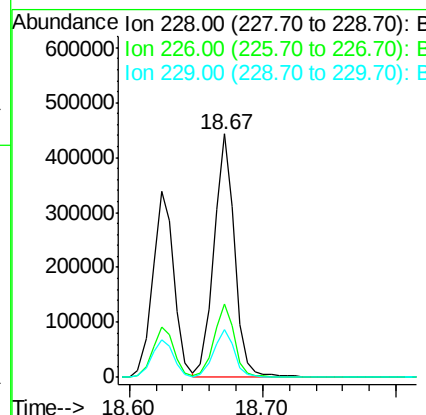
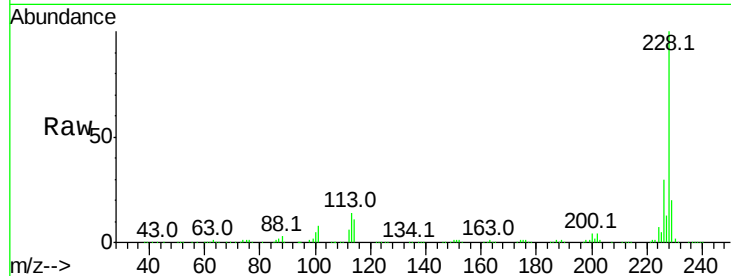
#82
Chrysene
Concen: 75.42 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.7	15.8	23.6

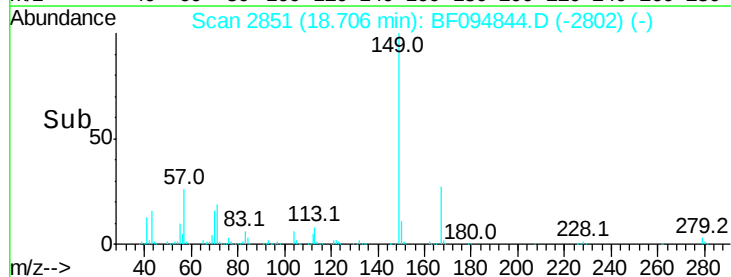
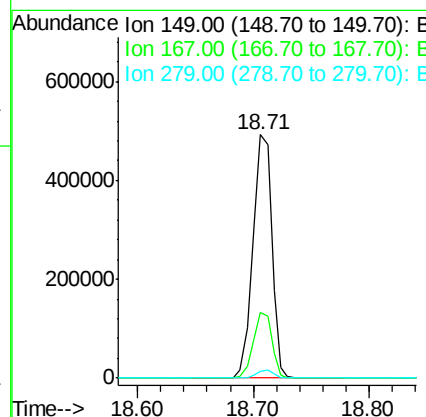
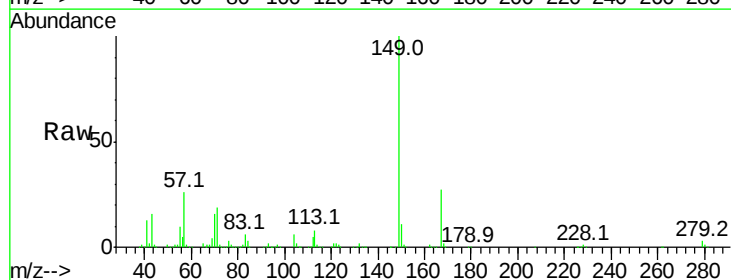
Manual Integrations
APPROVED

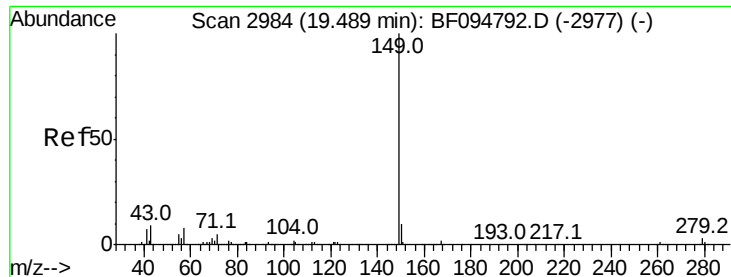
mohammad
5/4/2017 3:34:47 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 101.37 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.0	1.9	2.9#





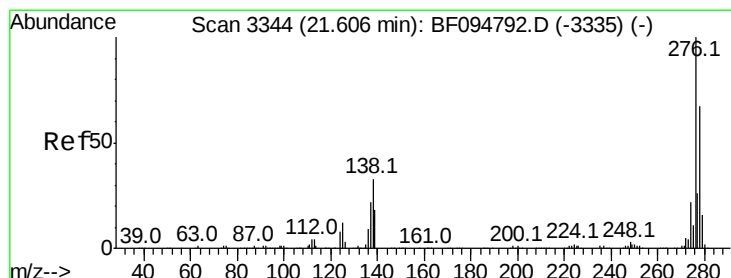
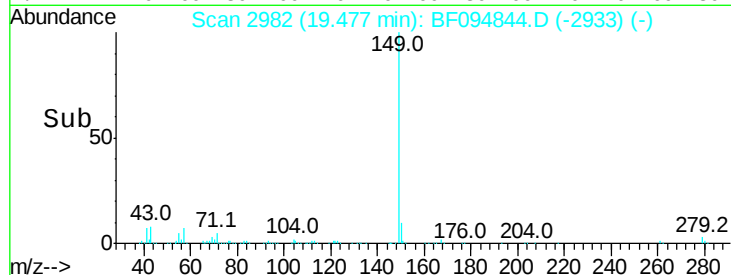
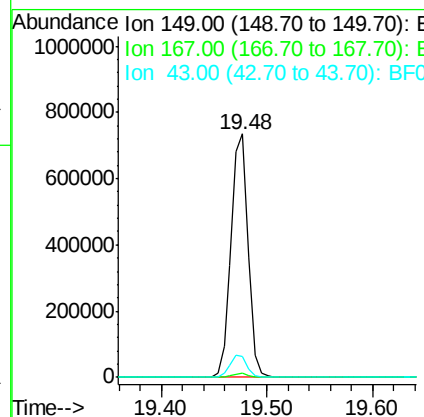
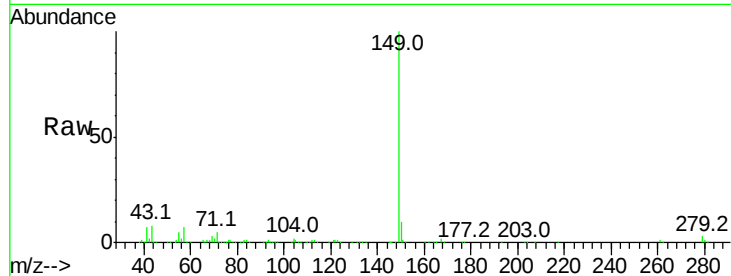
#84
Di-n-octyl phthalate
Concen: 89.65 ng
RT: 19.48 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	8.5	12.7

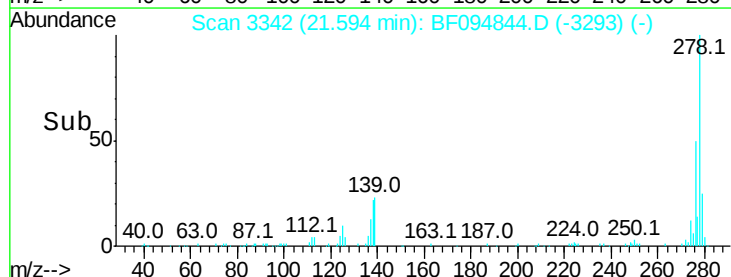
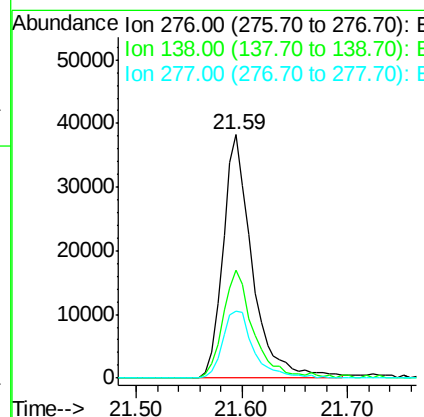
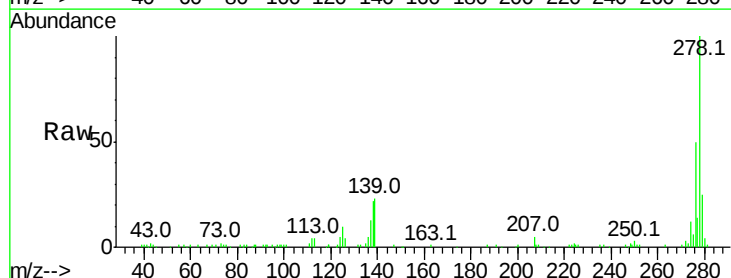
Manual Integrations
APPROVED

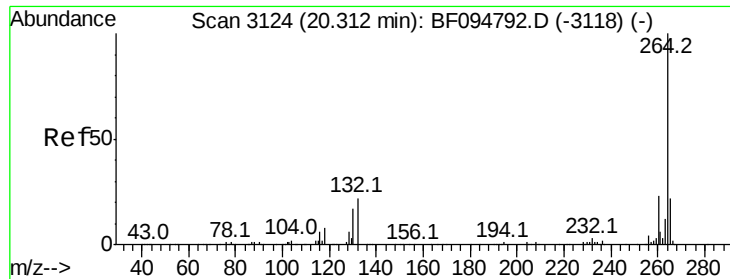
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 14.27 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	46.5	27.8	41.6#
277	29.5	20.2	30.4





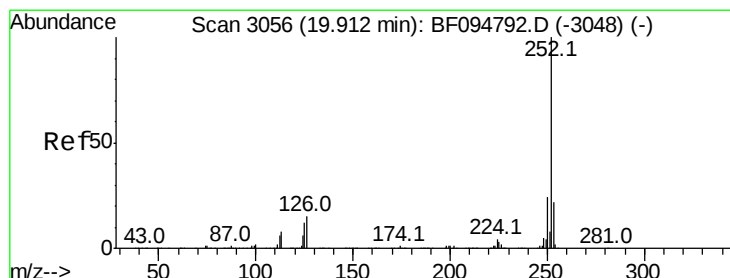
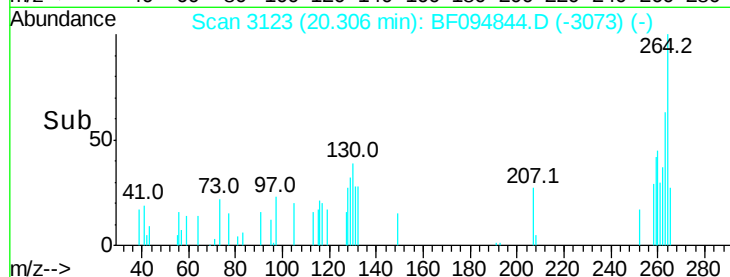
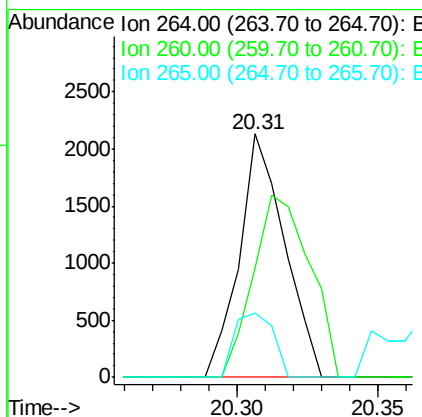
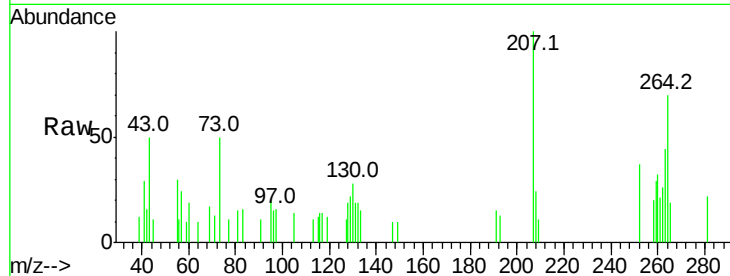
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	45.1	19.5	29.3#
265	26.7	17.2	25.8#

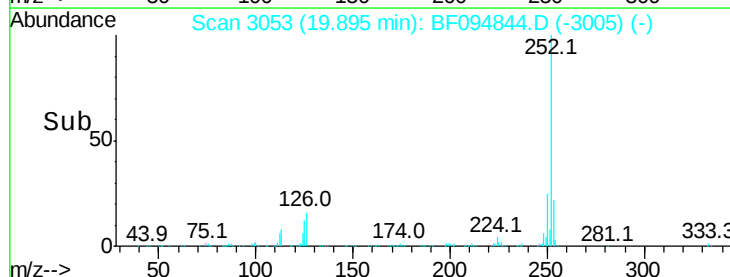
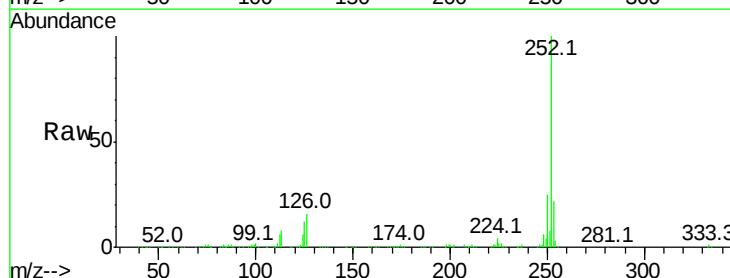
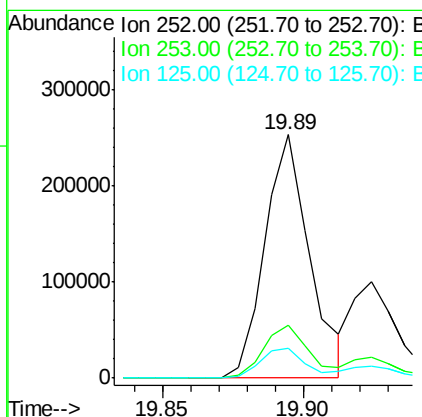
Manual Integrations
APPROVED

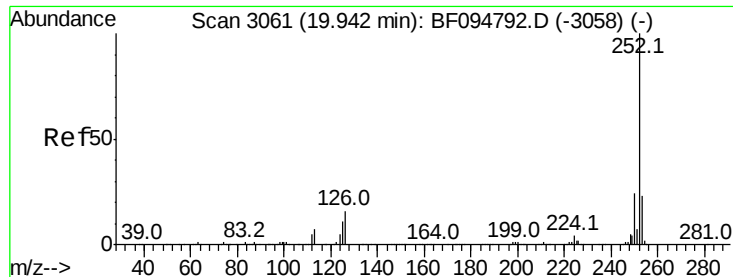
mohammad
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#87
Benzo(b)fluoranthene
Concen: 1903.99 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.2	9.8	14.8





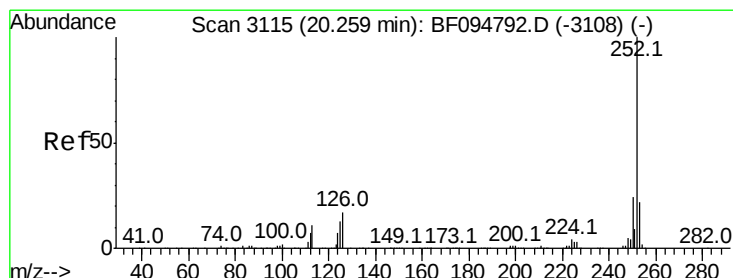
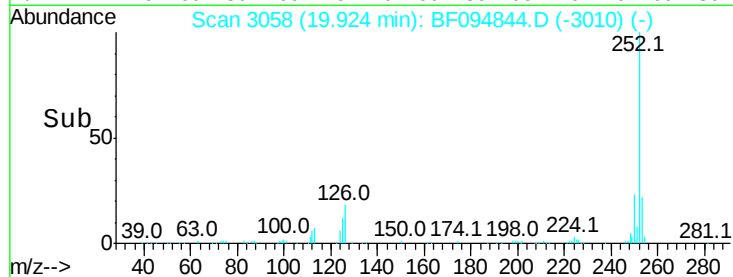
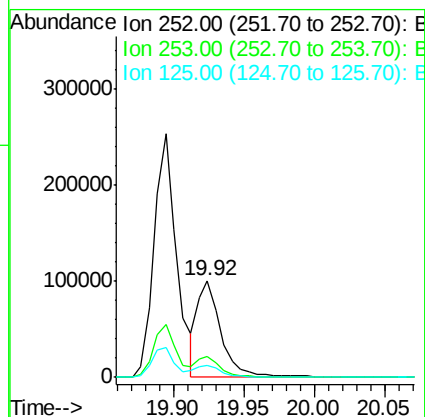
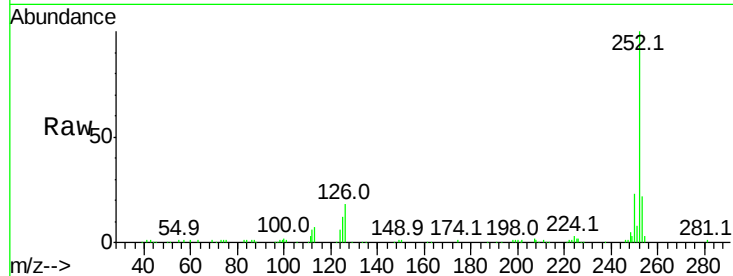
#88
Benzo(k)fluoranthene
Concen: 812.46 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	11.9	13.1	19.7

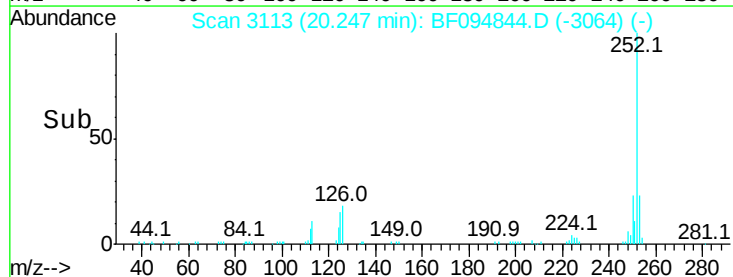
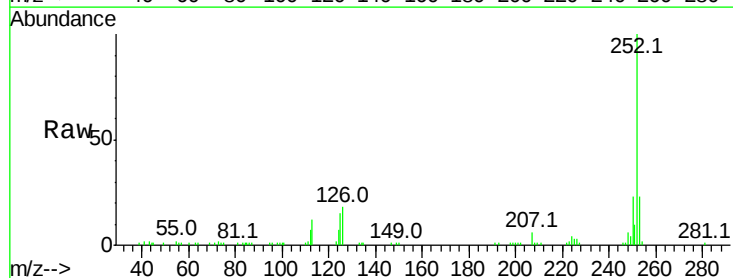
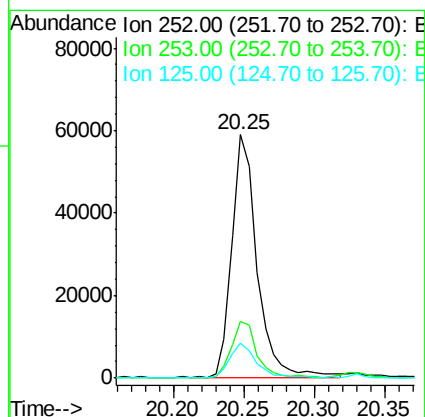
Manual Integrations
APPROVED

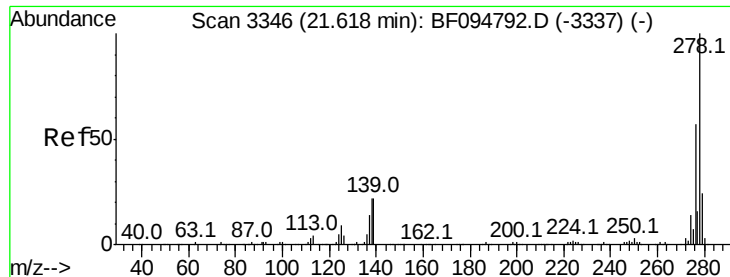
mohammad
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#89
Benzo(a)pyrene
Concen: 552.13 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094844.D
Acq: 3 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	14.5	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 1366.56 ng

RT: 21.59 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Instrument :

BNA_F

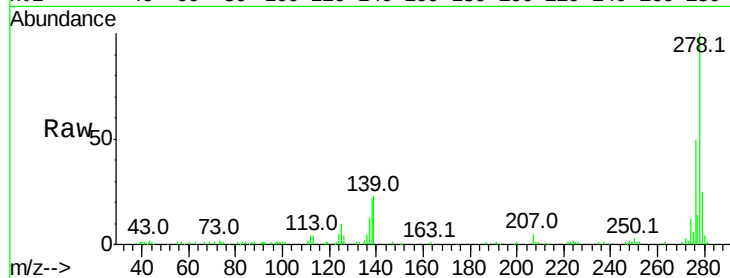
ClientSampleId :

SB-06-COMP(0-7)MSD

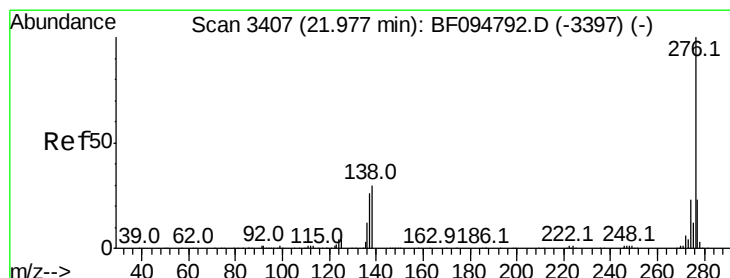
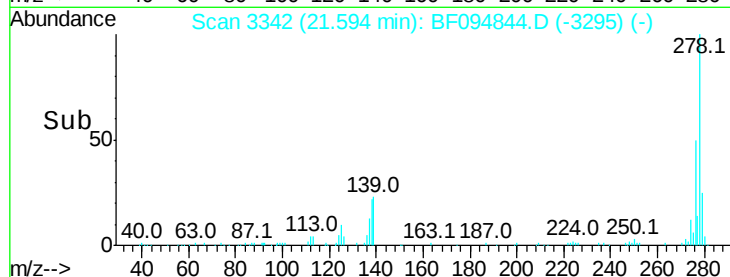
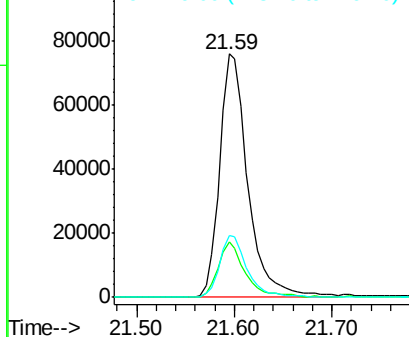
Tot Ion:	278	Resp:	152319
Ion Ratio	Lower	Upper	
278	100		
139	22.9	16.6	24.8
279	25.3	19.3	28.9

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



#91

Benzo(g,h,i)perylene

Concen: 649.46 ng

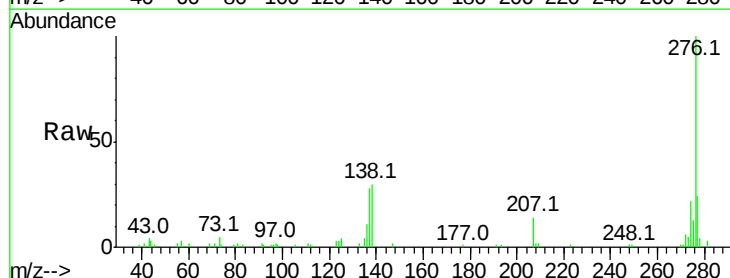
RT: 21.97 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BF094844.D

Acq: 3 May 2017 20:34

Tgt Ion:	276	Resp:	71039
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	29.8	25.4	38.0



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

