

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114360.D
 Acq On : 17 May 2019 19:51
 Operator : JU/SJ
 Sample : K2894-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Manual Integrations
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 5/21/2019 2:16:12 PM

Quant Time: May 18 05:43:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	199703	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	770064	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	367442	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	727356	20.00	ng	0.00
76) Chrysene-d12	14.03	240	485570	20.00	ng	0.00
87) Perylene-d12	15.52	264	476253	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1430000	115.23	ng	0.00
7) Phenol-d6	6.50	99	1874597	127.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	1168660	85.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	464914	122.39	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1911851	78.71	ng	0.00
79) Terphenyl-d14	12.96	244	1815578	77.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	191850	28.126	ng	99
3) Pyridine	3.37	79	536886	28.568	ng	96
4) n-Nitrosodimethylamine	3.31	42	297039	32.776	ng	93
6) Aniline	6.51	93	514277	24.257	ng	# 1
8) 2-Chlorophenol	6.64	128	560545	42.312	ng	99
9) Benzaldehyde	6.40	77	405496	39.464	ng	99
10) Phenol	6.51	94	683841	39.606	ng	92
11) bis(2-Chloroethyl)ether	6.58	93	554132	42.274	ng	98
12) 1,3-Dichlorobenzene	6.79	146	565842	38.050	ng	99
13) 1,4-Dichlorobenzene	6.86	146	580303	38.725	ng	99
14) 1,2-Dichlorobenzene	7.02	146	543073	39.668	ng	99
15) Benzyl Alcohol	6.99	79	472161	41.246	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1002095	39.428	ng	75
17) 2-Methylphenol	7.11	107	453733	41.693	ng	94
18) Hexachloroethane	7.36	117	198139	35.226	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	387804	41.685	ng	100
20) 3+4-Methylphenols	7.26	107	580416	46.162	ng	# 78
22) Acetophenone	7.26	105	757765	44.419	ng	# 90
24) Nitrobenzene	7.43	77	598969	42.858	ng	95
25) Isophorone	7.67	82	1107351	43.514	ng	99
26) 2-Nitrophenol	7.75	139	297428	43.865	ng	94
27) 2,4-Dimethylphenol	7.79	122	504491	47.373	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	698425	42.298	ng	99
29) 2,4-Dichlorophenol	8.00	162	466479	43.990	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	480822	39.875	ng	99
31) Naphthalene	8.15	128	1556778	43.279	ng	99
32) Benzoic acid	7.89	122	40748	11.602	ng	92
33) 4-Chloroaniline	8.20	127	221562	13.517	ng	97
34) Hexachlorobutadiene	8.27	225	263292	38.375	ng	97
35) Caprolactam	8.57	113	166708m	48.213	ng	
36) 4-Chloro-3-methylphenol	8.70	107	510323	47.810	ng	99
37) 2-Methylnaphthalene	8.85	142	1043199	44.950	ng	97
38) 1-Methylnaphthalene	8.95	142	993362	45.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	474108	42.595	ng	99

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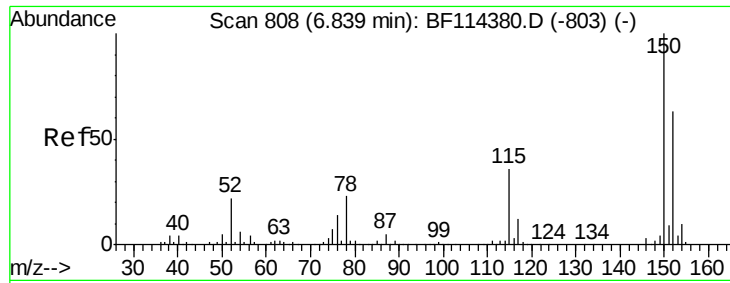
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	38766	11.396	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	329755	43.072	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	353045	44.965	ng	96
46) 1,1'-Biphenyl	9.30	154	1270179	42.790	ng	98
47) 2-Chloronaphthalene	9.33	162	972407	40.704	ng	98
48) 2-Nitroaniline	9.43	65	357242	42.165	ng	92
49) Acenaphthylene	9.75	152	1571297	43.245	ng	98
50) Dimethylphthalate	9.60	163	1469024	54.461	ng	99
51) 2,6-Dinitrotoluene	9.67	165	264382	44.191	ng	92
52) Acenaphthene	9.92	154	909174	40.776	ng	98
53) 3-Nitroaniline	9.84	138	174048	23.436	ng	94
54) 2,4-Dinitrophenol	9.96	184	40602	19.104	ng	97
55) Dibenzofuran	10.09	168	1335358	40.843	ng	97
56) 4-Nitrophenol	10.03	139	389199	74.104	ng	93
57) 2,4-Dinitrotoluene	10.08	165	338495	41.685	ng	# 86
58) Fluorene	10.43	166	1087782	43.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	291599	43.043	ng	99
60) Diethylphthalate	10.30	149	1185979	43.273	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	517740	41.742	ng	97
62) 4-Nitroaniline	10.46	138	275689	35.327	ng	98
63) Azobenzene	10.59	77	1131073	42.636	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	60205	17.226	ng	92
66) n-Nitrosodiphenylamine	10.54	169	1008969	45.706	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	334984	41.829	ng	96
68) Hexachlorobenzene	10.99	284	347944	39.273	ng	95
69) Atrazine	11.07	200	306239	44.578	ng	99
70) Pentachlorophenol	11.19	266	307966	73.329	ng	99
71) Phenanthrene	11.40	178	1544920	43.658	ng	98
72) Anthracene	11.45	178	1591298	44.771	ng	99
73) Carbazole	11.60	167	1515364	44.710	ng	98
74) Di-n-butylphthalate	11.93	149	1821052	46.636	ng	100
75) Fluoranthene	12.59	202	1590241	41.731	ng	98
77) Benzidine	12.71	184	1038981	47.667	ng	95
78) Pyrene	12.82	202	1588898	40.677	ng	99
80) Butylbenzylphthalate	13.42	149	746630	45.411	ng	94
81) Benzo(a)anthracene	14.02	228	1359567	43.289	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	487515	40.015	ng	# 98
83) Chrysene	14.06	228	1330551	43.218	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1040014	48.365	ng	100
85) Di-n-octyl phthalate	14.62	149	1733669	49.735	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1006358	36.986	ng	99
88) Benzo(b)fluoranthene	15.09	252	1352692	44.334	ng	99
89) Benzo(k)fluoranthene	15.12	252	1226524	43.761	ng	98
90) Benzo(a)pyrene	15.46	252	1191174	44.360	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	847195	37.968	ng	100
92) Benzo(g,h,i)perylene	17.46	276	801262	35.833	ng	99

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



#1

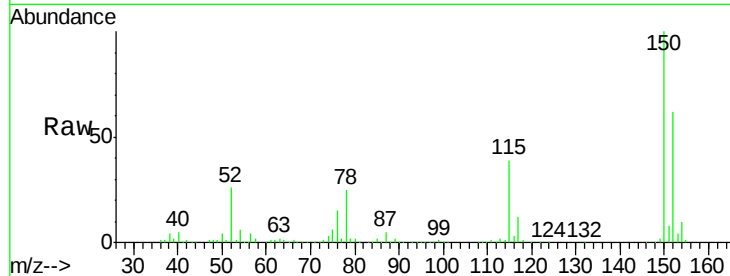
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

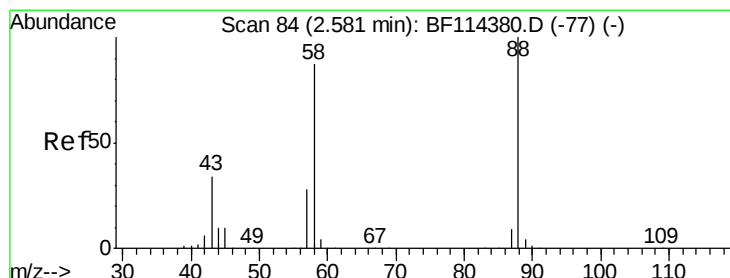
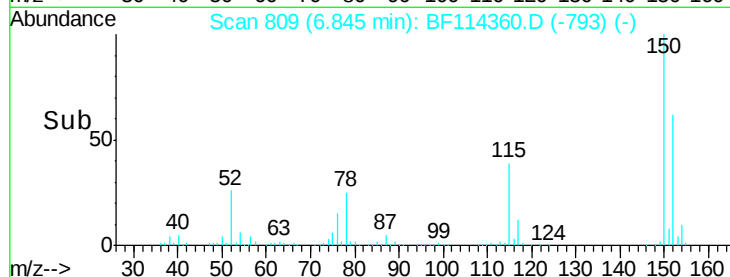
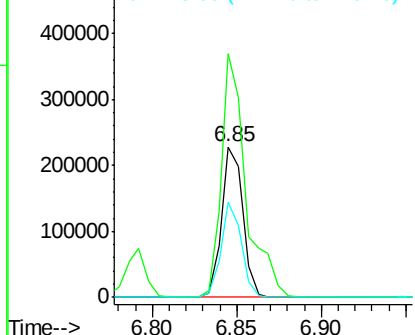
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.3	186.5
115	63.2	49.1	73.7

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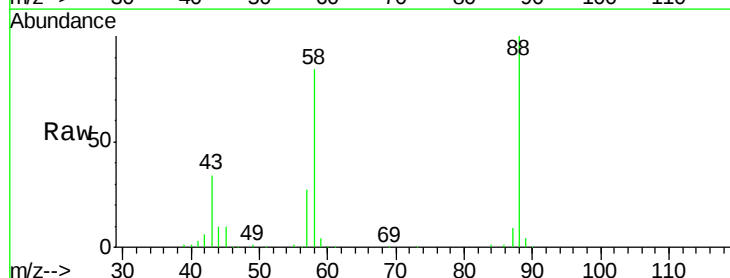
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



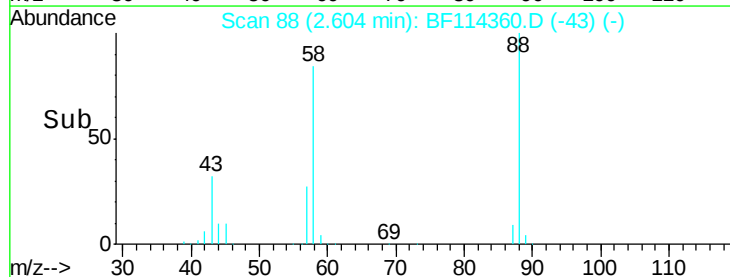
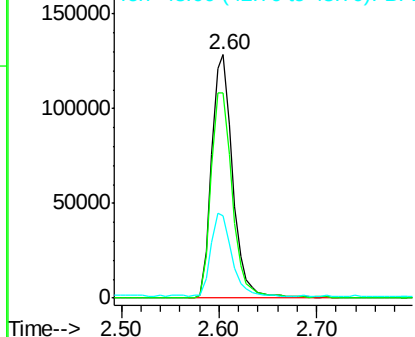
#2

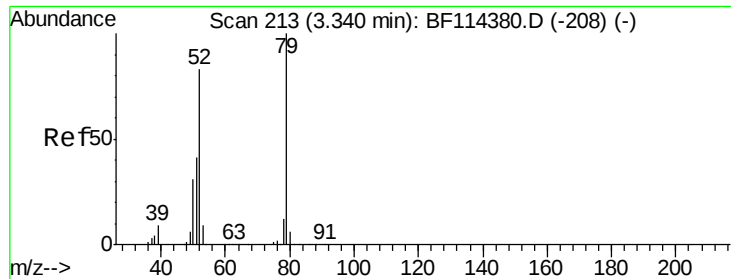
1,4-Dioxane
Concen: 28.126 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.04 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	68.7	103.1
43	33.7	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.568 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

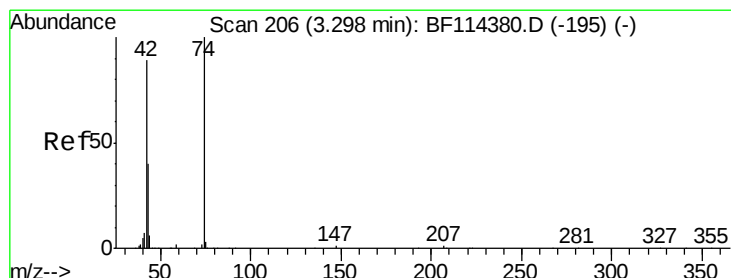
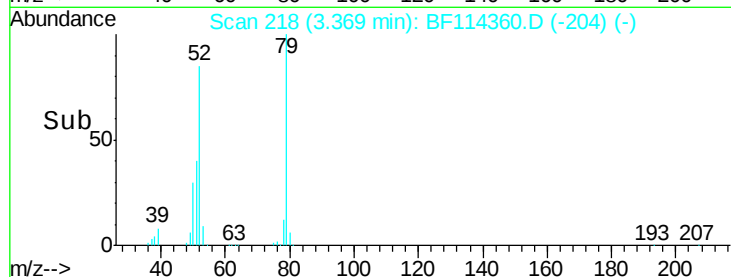
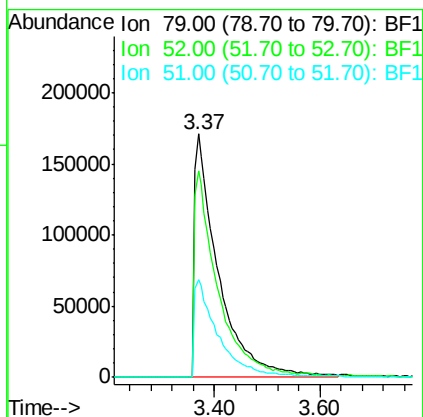
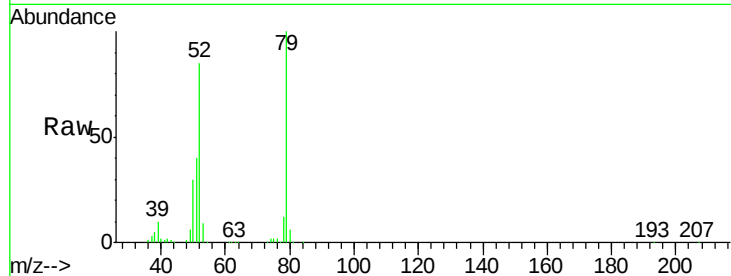
ClientSampleId :

SB-04-9-10MSD

Tgt Ion:	79	Resp:	536886
Ion Ratio	Lower	Upper	
79	100		
52	84.7	70.6	105.8
51	40.2	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 32.776 ng

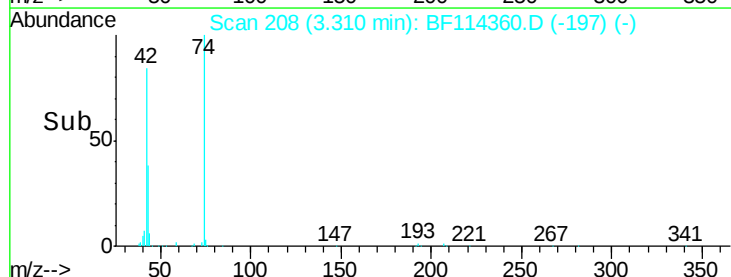
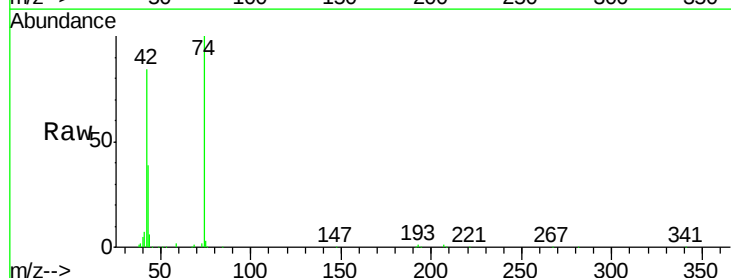
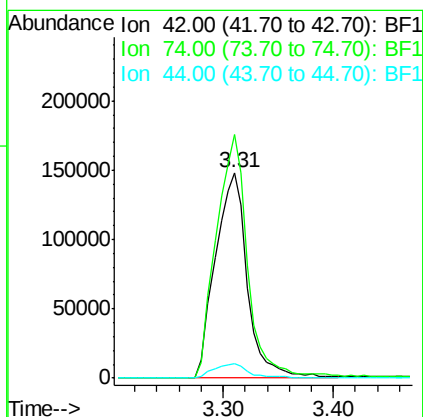
RT: 3.31 min Scan# 208

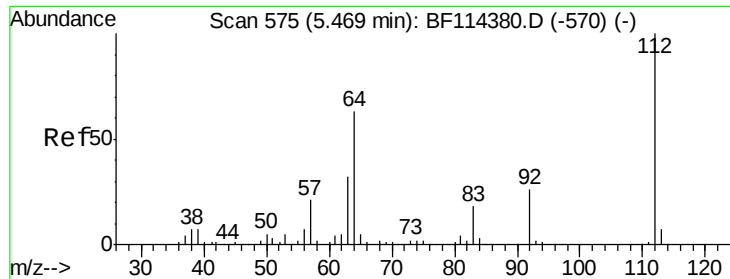
Delta R.T. -0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:	42	Resp:	297039
Ion Ratio	Lower	Upper	
42	100		
74	118.5	88.6	132.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 115.233 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion: 112 Resp: 1430000

Ion Ratio Lower Upper

112 100

64 67.1 49.0 73.6

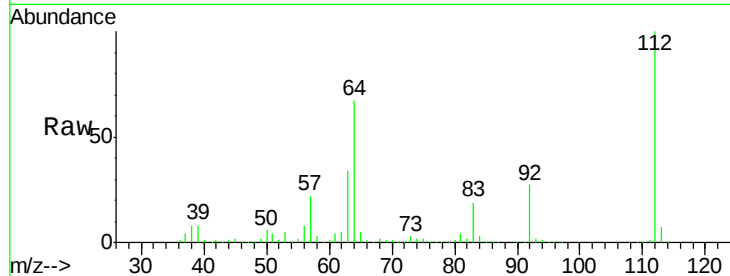
63 33.8 24.6 37.0

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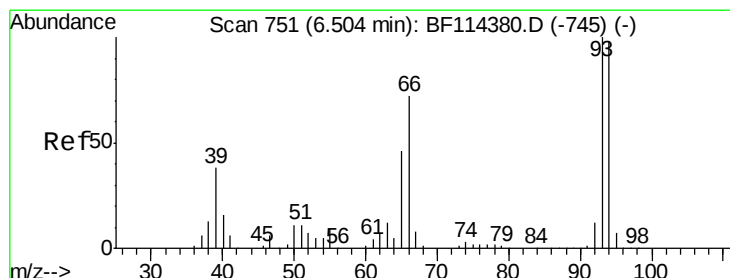
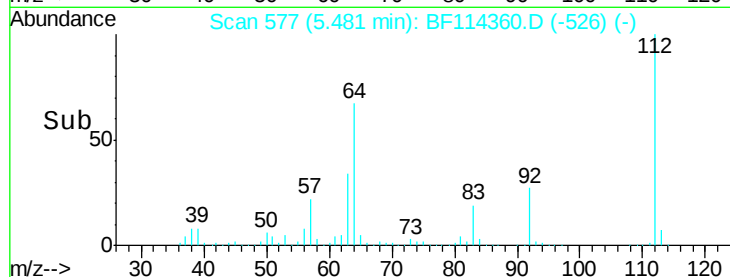
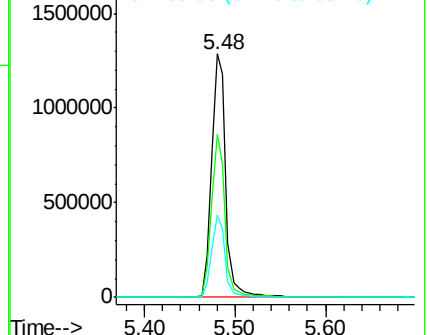
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.257 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

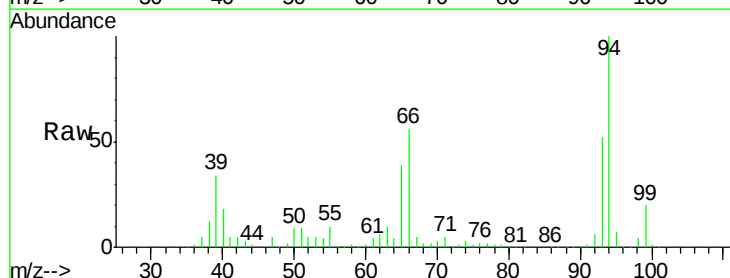
Tgt Ion: 93 Resp: 514277

Ion Ratio Lower Upper

93 100

66 107.6 33.2 49.8#

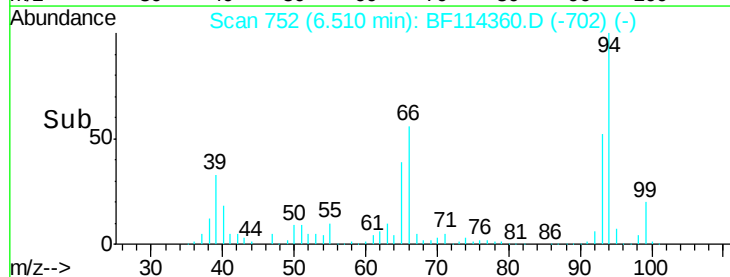
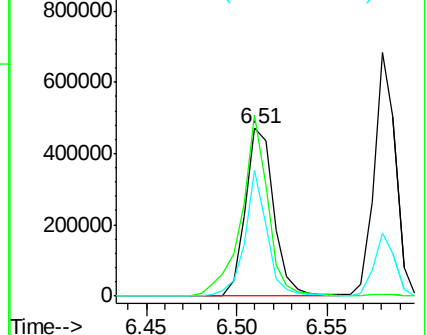
65 75.2 17.6 26.4#

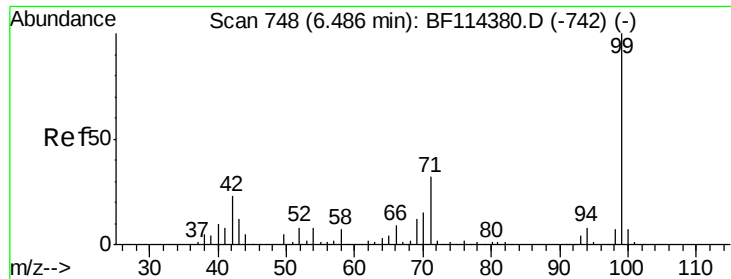


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.721 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion: 99 Resp: 1874597

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

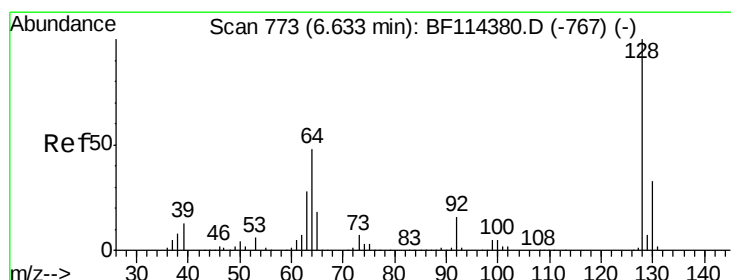
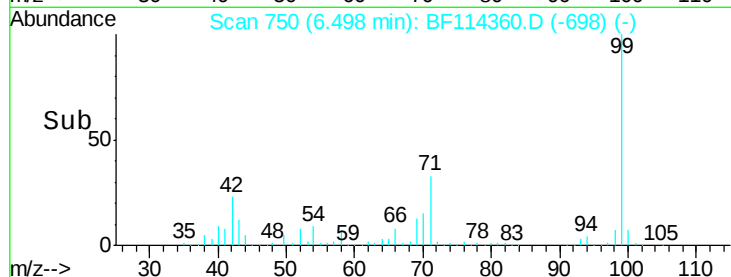
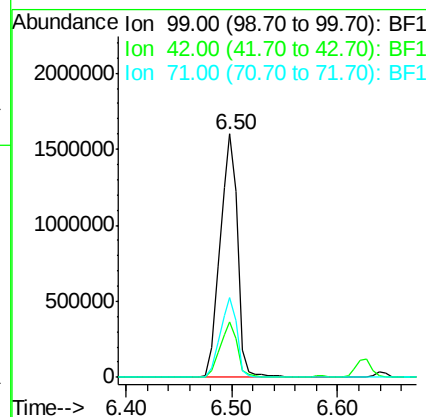
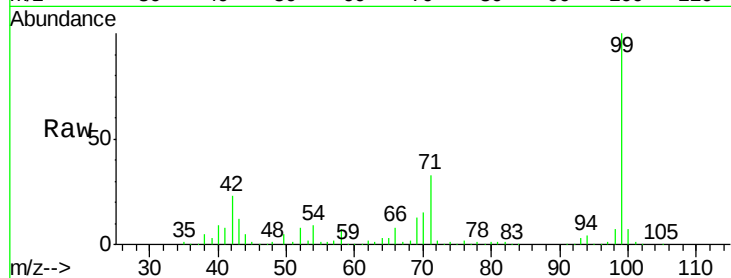
71 32.9 26.2 39.2

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#8

2-Chlorophenol

Concen: 42.312 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

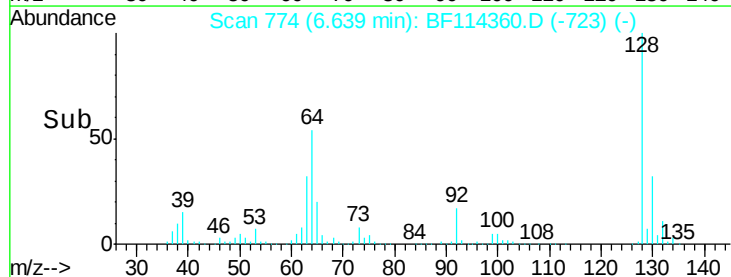
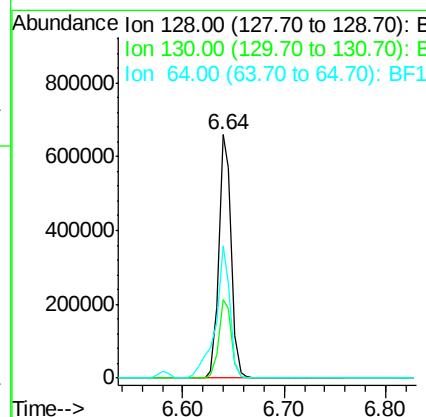
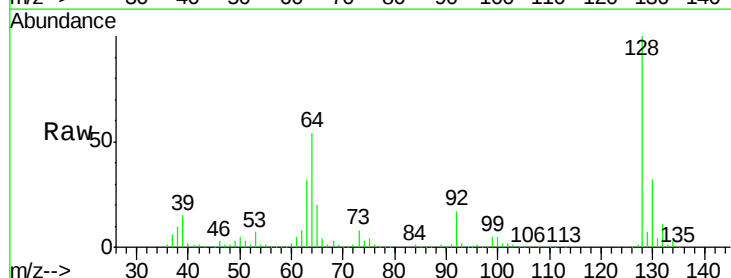
Tgt Ion: 128 Resp: 560545

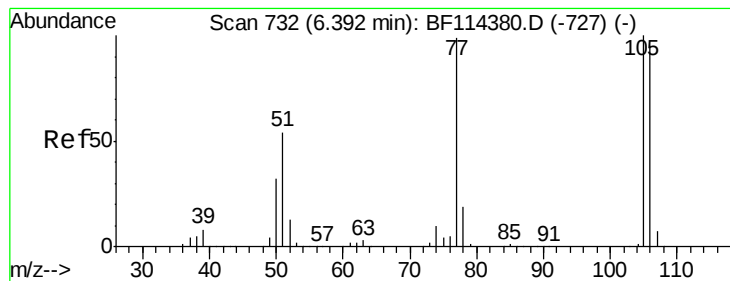
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 54.4 35.9 75.9





#9

Benzaldehyde

Concen: 39.464 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion: 77 Resp: 405496
Ion Ratio Lower Upper

77 100

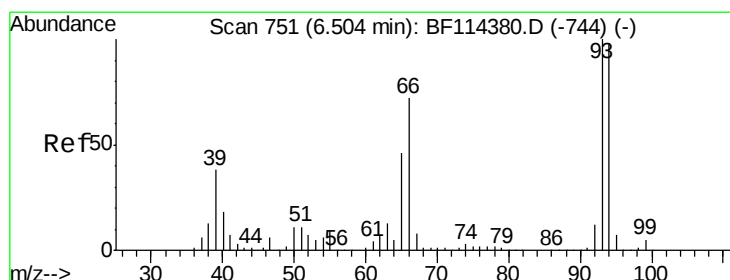
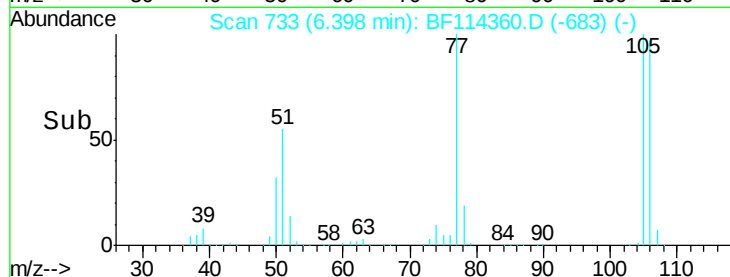
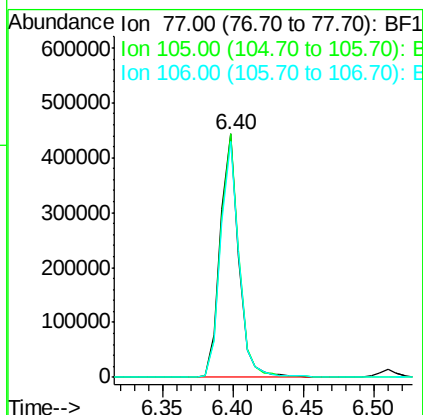
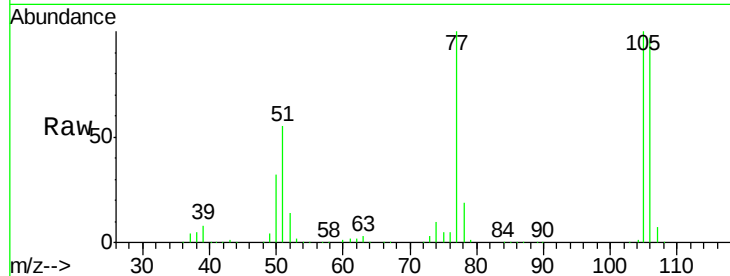
105 100.2 79.3 119.3

106 97.2 77.0 117.0

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#10

Phenol

Concen: 39.606 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF114360.D

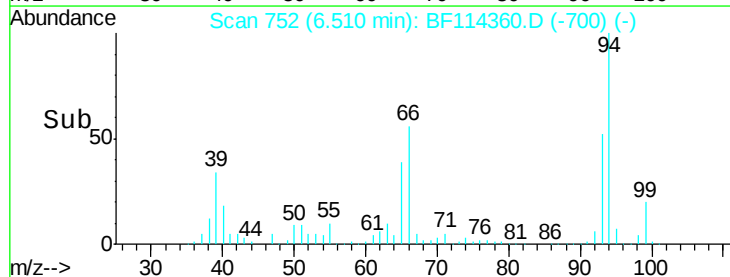
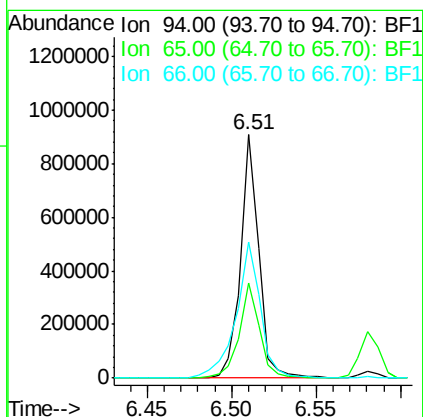
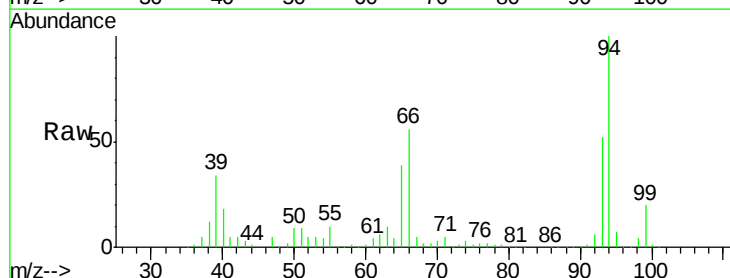
Acq: 17 May 2019 19:51

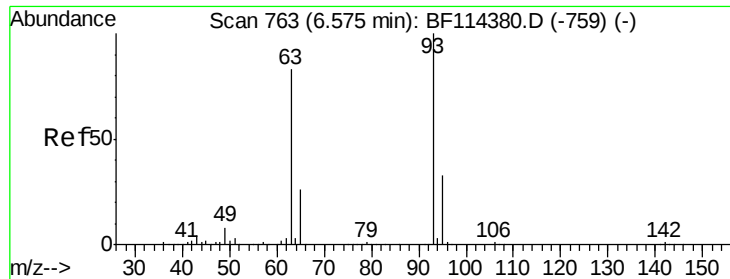
Tgt Ion: 94 Resp: 683841
Ion Ratio Lower Upper

94 100

65 38.9 14.7 54.7

66 55.7 29.6 69.6





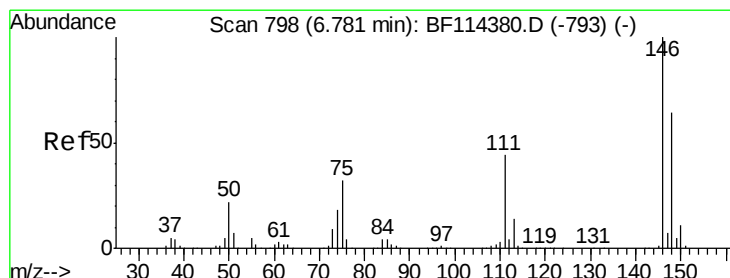
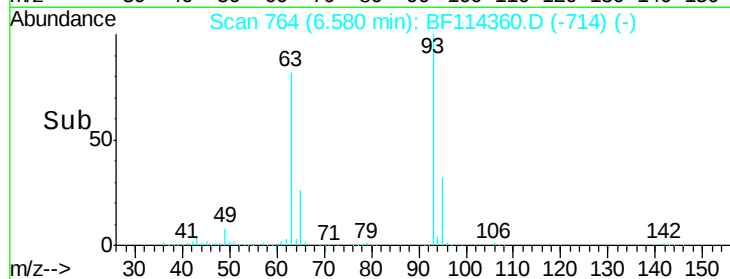
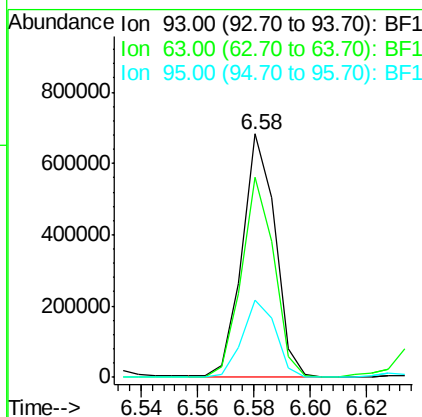
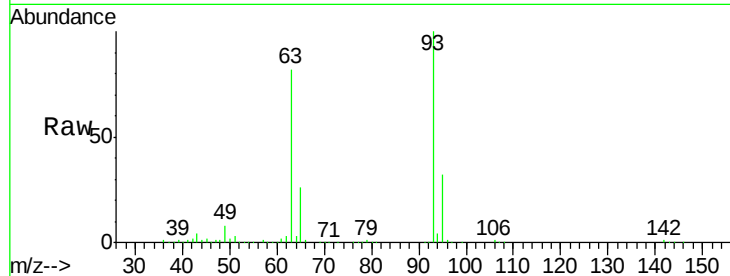
#11
bis(2-Chloroethyl)ether
Concen: 42.274 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	554132		
63	81.9	63.6	103.6	
95	31.9	13.1	53.1	

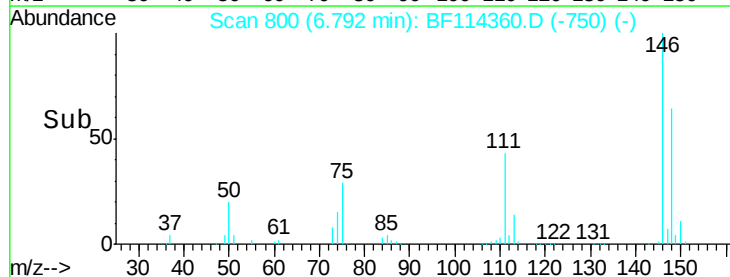
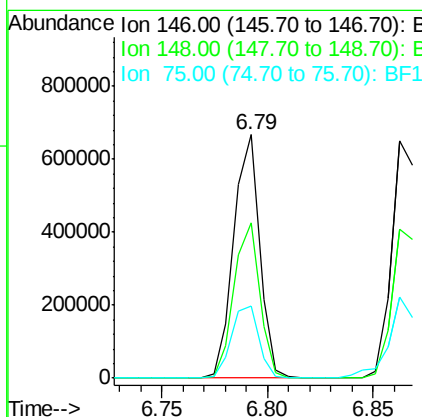
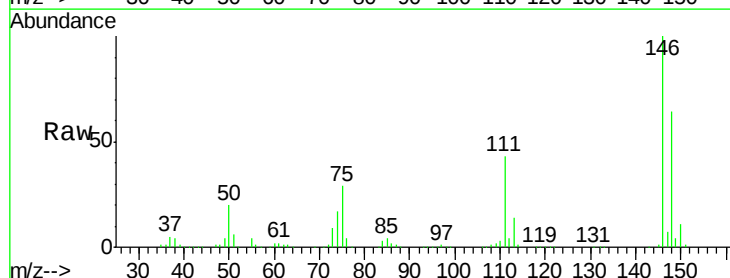
Manual Integrations
APPROVED

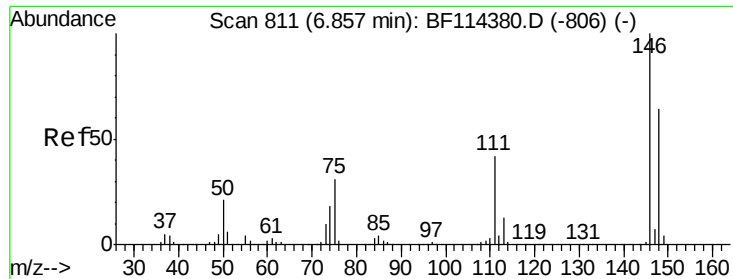
mohammad
5/21/2019 2:16:12 PM



#12
1,3-Dichlorobenzene
Concen: 38.050 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	565842		
148	63.8	51.6	77.4	
75	29.4	24.2	36.2	





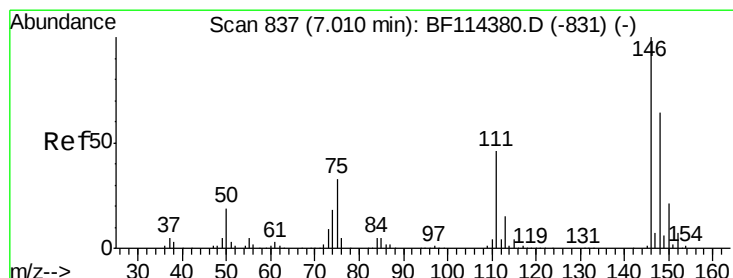
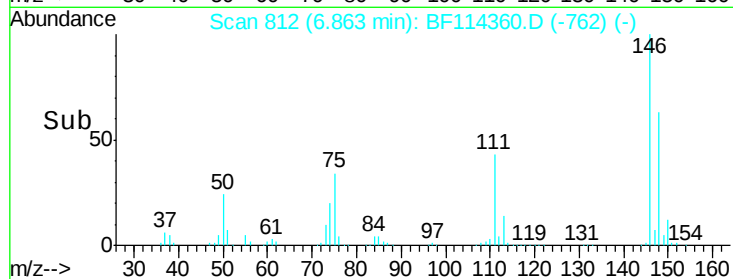
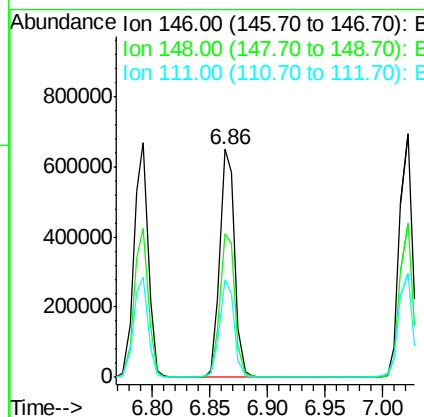
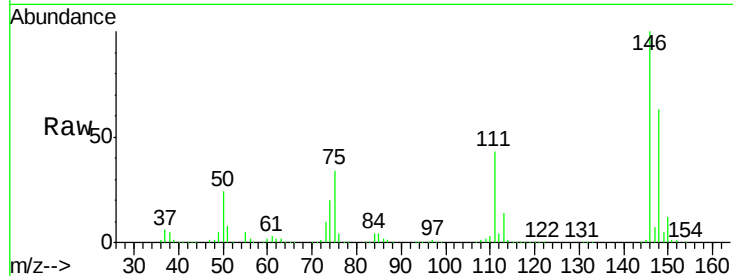
#13
1,4-Dichlorobenzene
Concen: 38.725 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.2
111	42.9	35.8	53.6

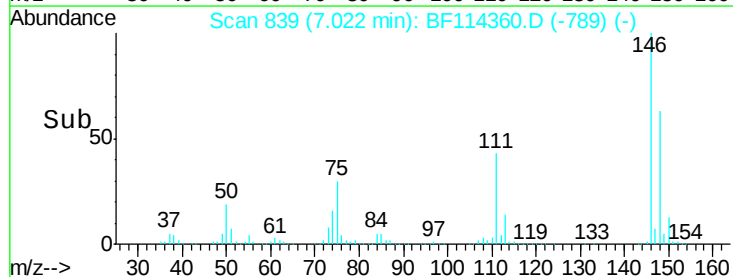
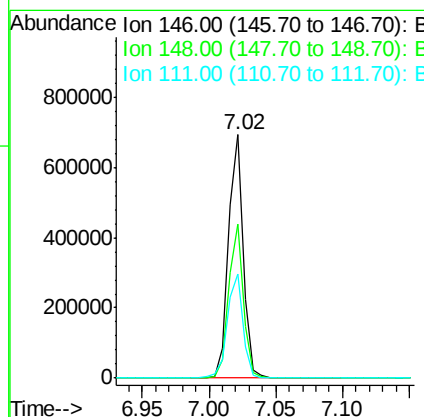
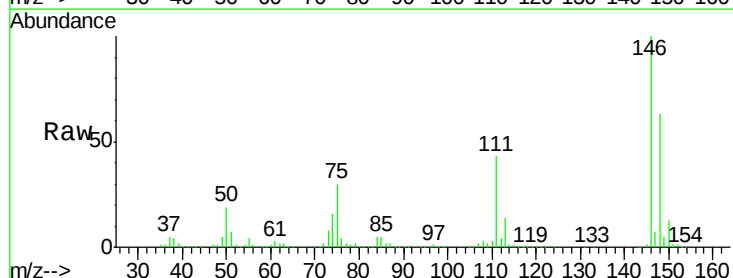
Manual Integrations
APPROVED

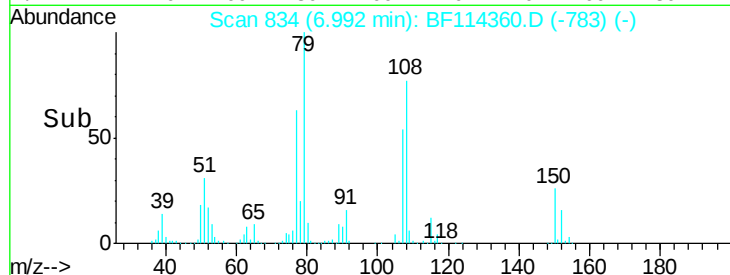
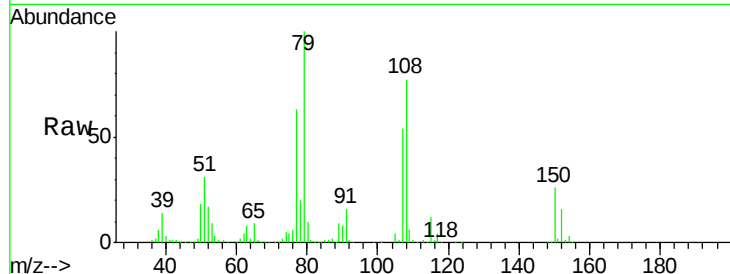
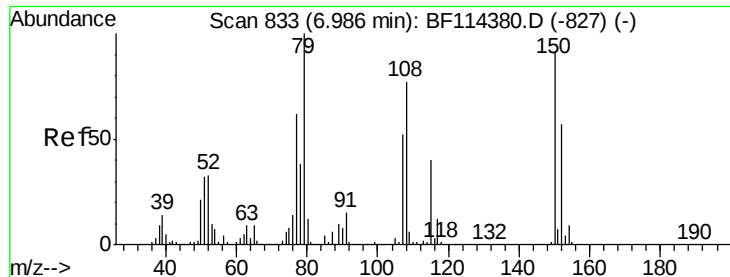
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.668 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	42.8	35.3	52.9





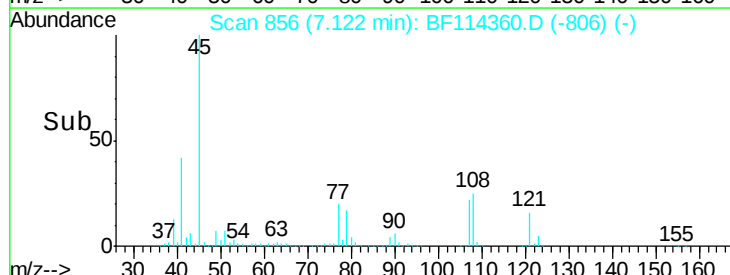
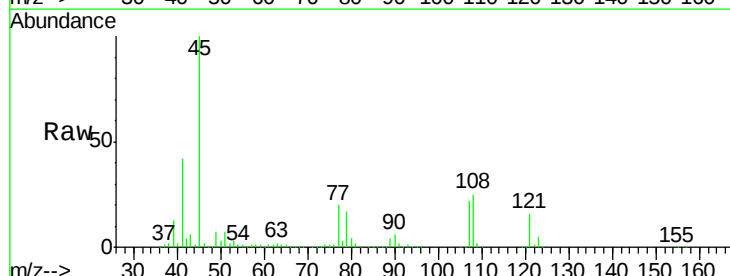
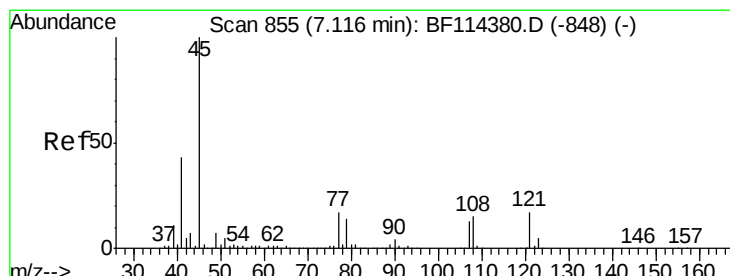
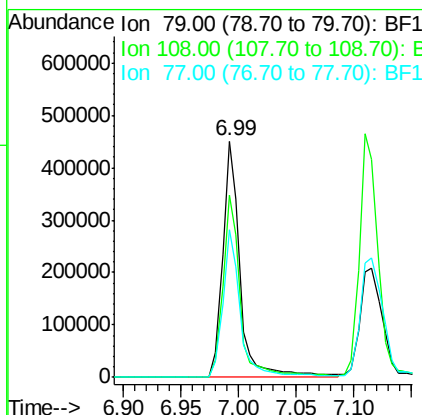
#15
Benzyl Alcohol
Concen: 41.246 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:	79	Resp:	472161
Ion Ratio	Lower	Upper	
79	100		
108	77.2	62.1	93.1
77	62.6	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

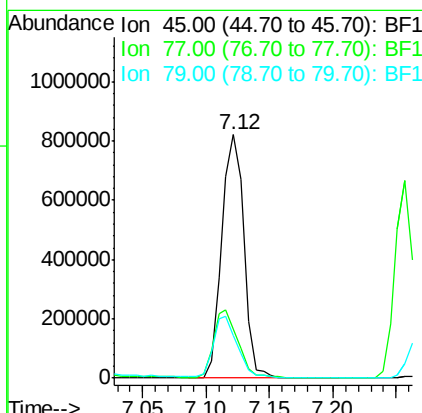
Manual Integrations
APPROVED

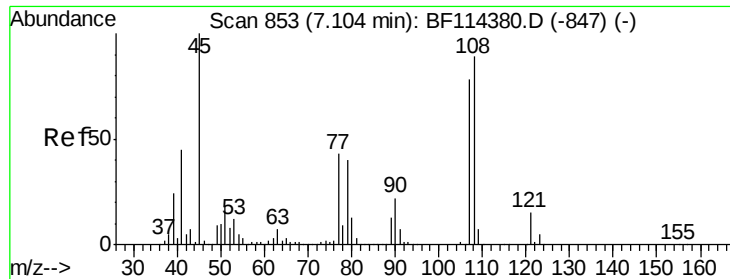
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.428 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:	45	Resp:	1002095
Ion Ratio	Lower	Upper	
45	100		
77	20.2	0.0	31.1
79	17.5	0.0	28.4





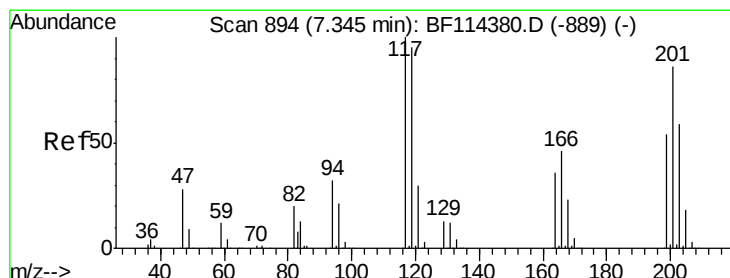
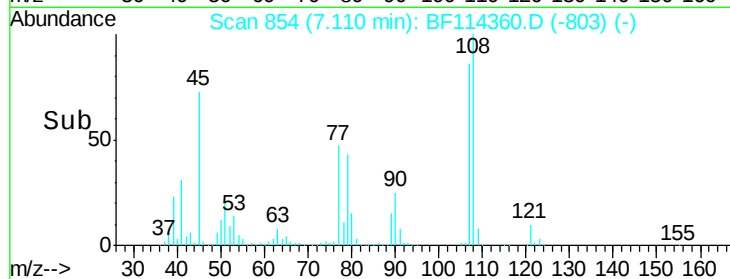
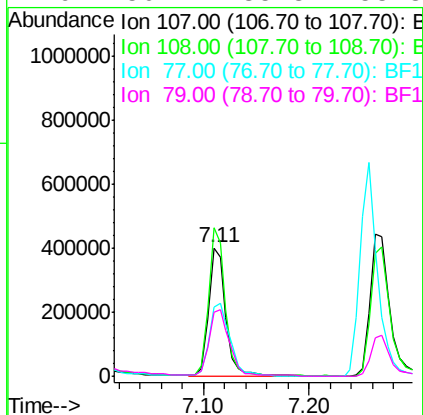
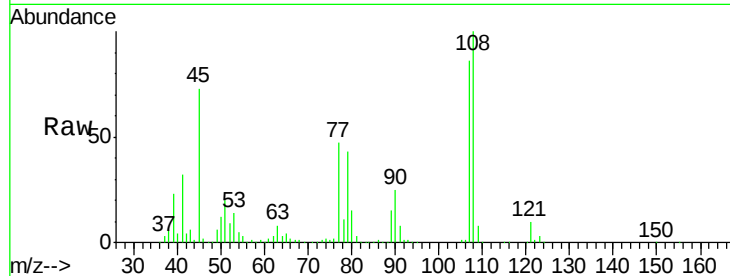
#17
2-Methylphenol
Concen: 41.693 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion:	107	Resp:	453733
Ion Ratio	Lower	Upper	
107	100		
108	116.0	90.5	135.7
77	54.2	37.0	55.4
79	50.4	35.8	53.8

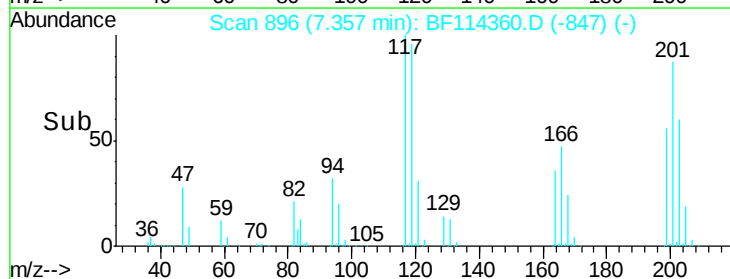
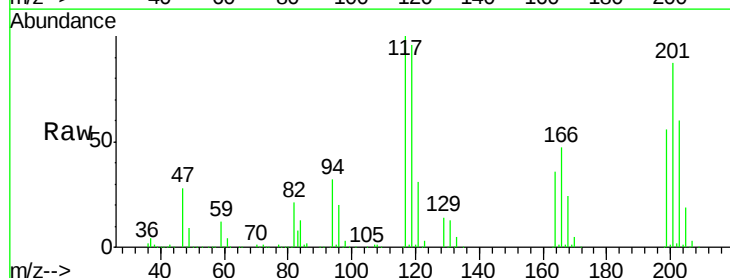
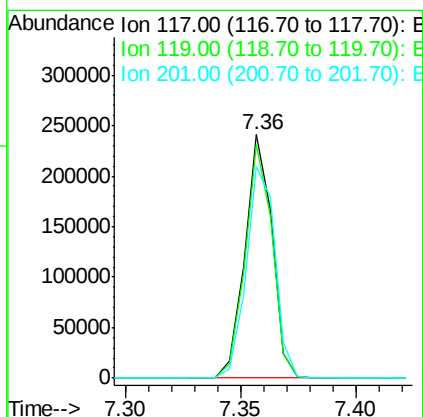
Manual Integrations
APPROVED

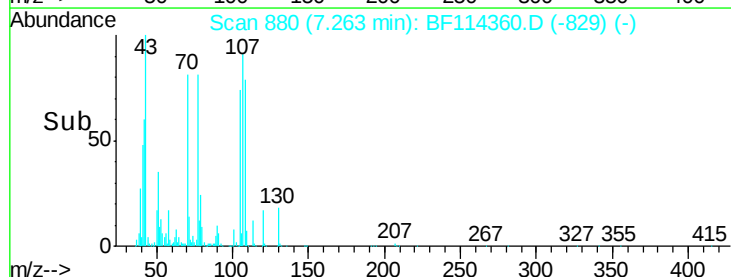
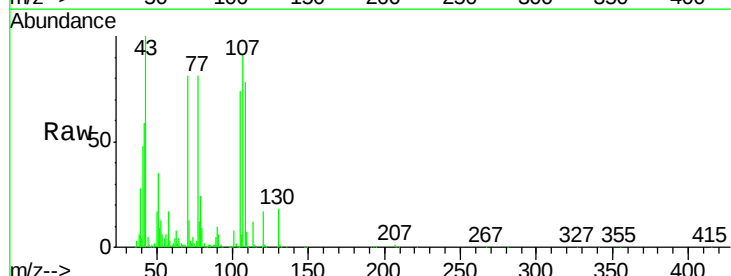
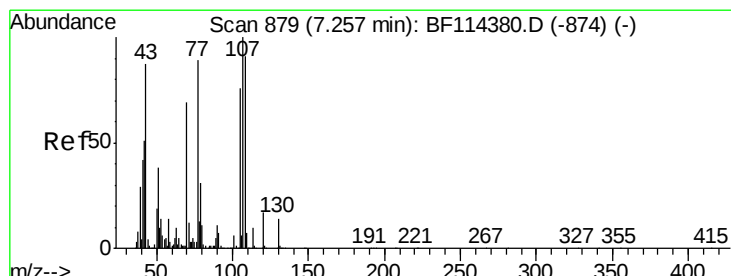
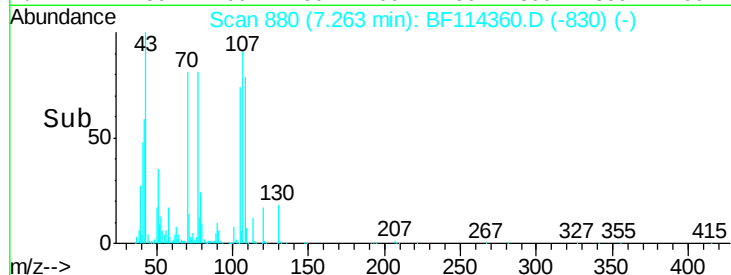
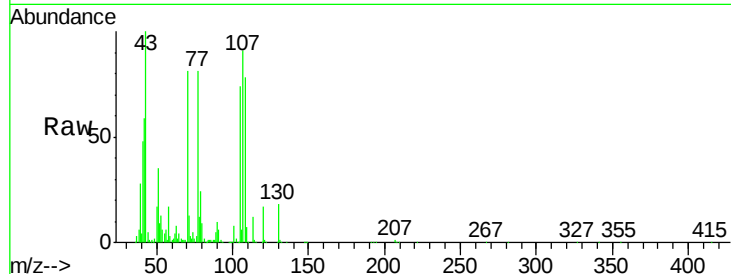
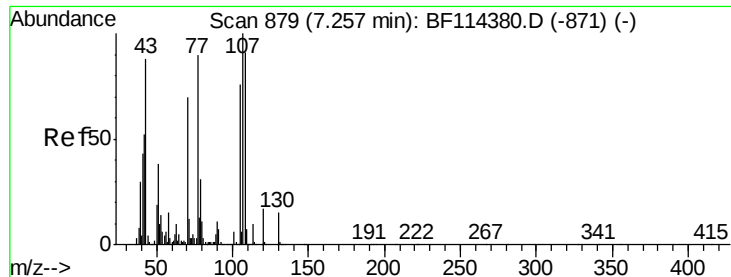
mohammad
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#18
Hexachloroethane
Concen: 35.226 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

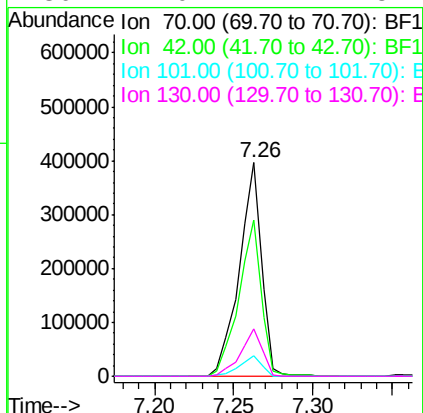
Tgt Ion:	117	Resp:	198139
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.4	116.2
201	86.8	74.5	111.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.685 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	387804		
42	73.3	58.6	87.8	
101	9.5	7.8	11.8	
130	22.0	17.1	25.7	



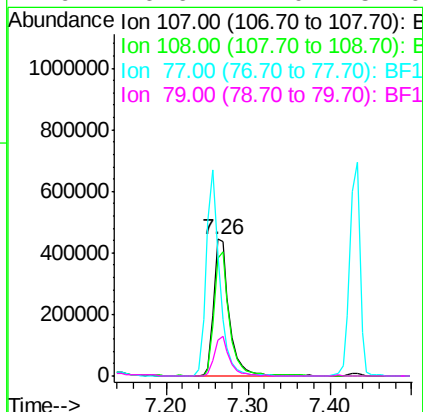
Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

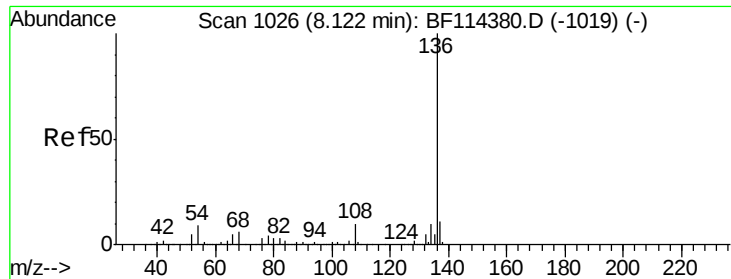
Manual Integrations
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#20
3+4-Methylphenols
Concen: 46.162 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	580416		
108	86.3	73.8	113.8	
77	89.3	111.5	151.5#	
79	26.6	12.0	52.0	





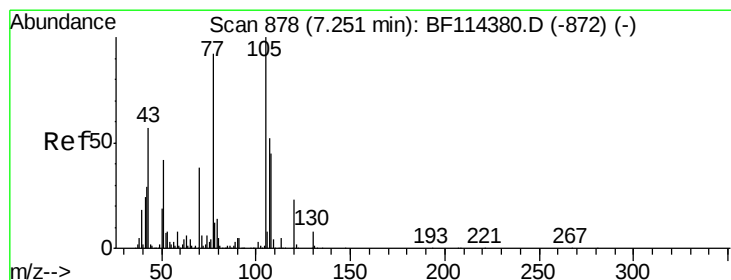
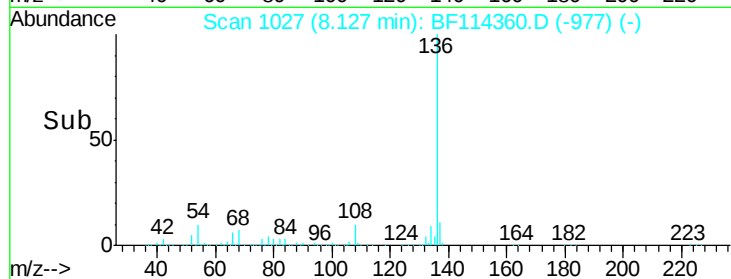
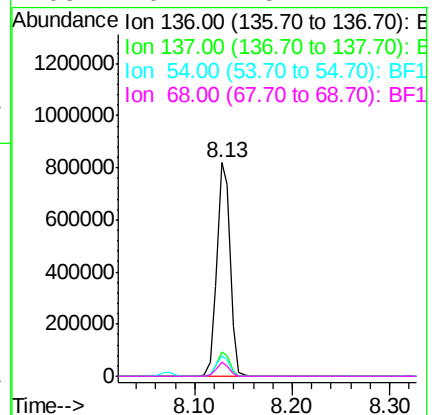
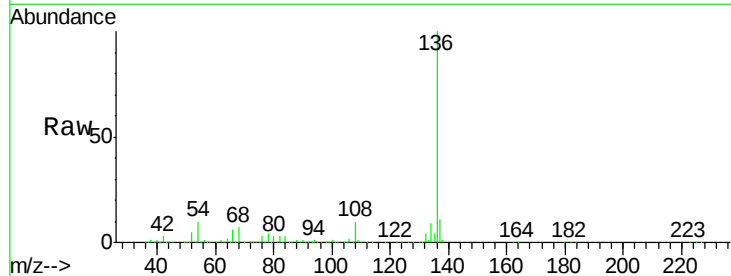
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	770064		
137	11.2	8.8	13.2	
54	9.7	7.8	11.8	
68	6.7	5.1	7.7	

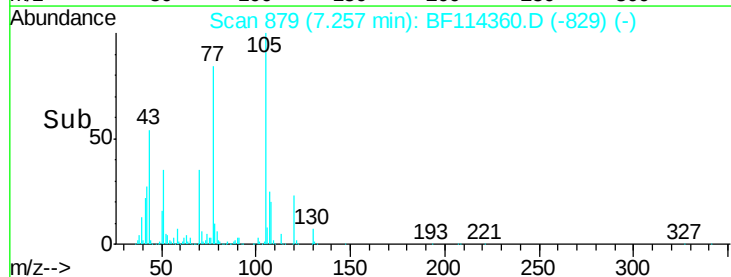
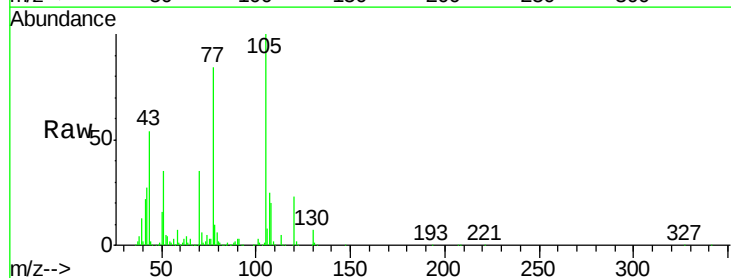
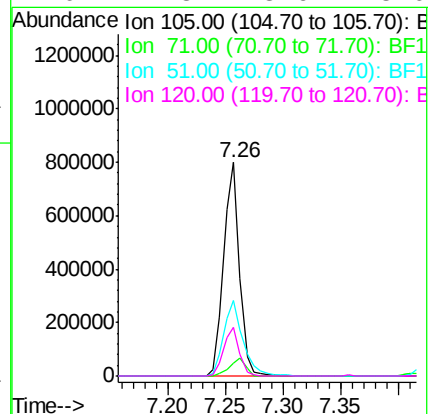
Manual Integrations
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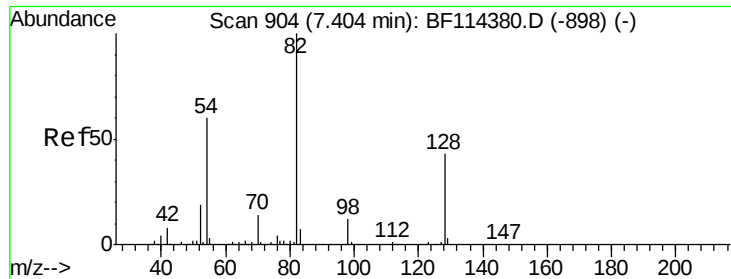
mohammad
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#22
Acetophenone
Concen: 44.419 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757765		
71	5.9	5.3	7.9	
51	35.4	36.2	54.4#	
120	22.8	18.6	28.0	





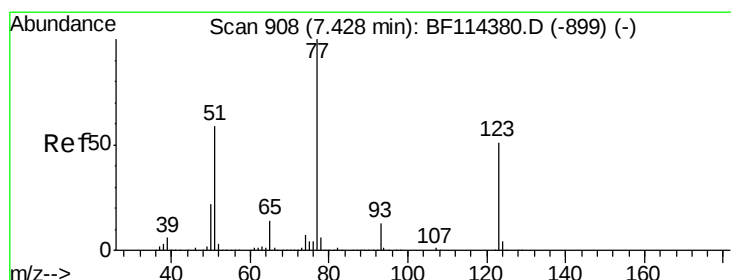
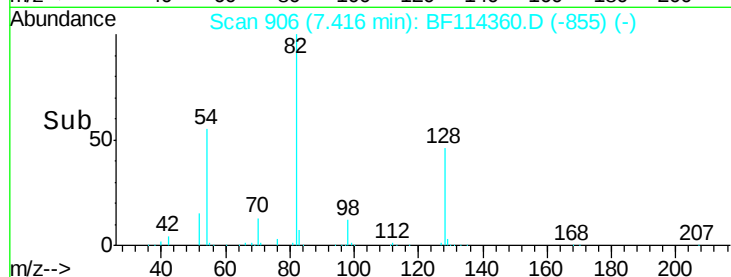
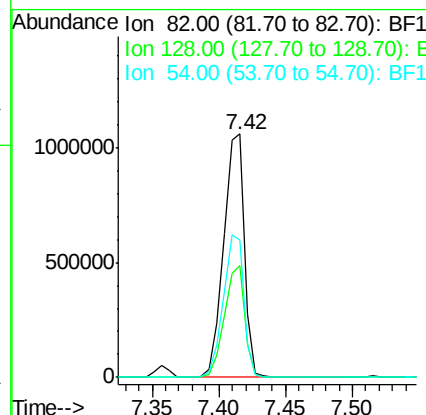
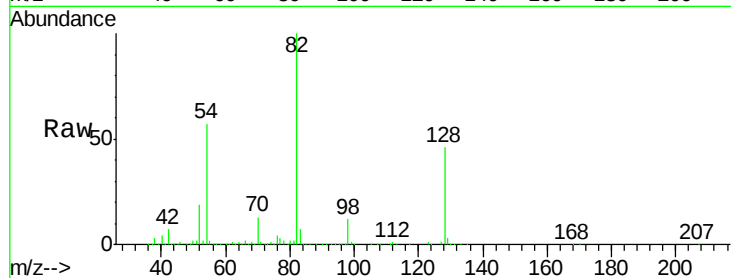
#23
Nitrobenzene-d5
Concen: 85.169 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampled :
SB-04-9-10MSD

Tgt Ion: 82 Resp: 1168660
Ion Ratio Lower Upper
82 100
128 45.7 35.5 53.3
54 56.6 48.5 72.7

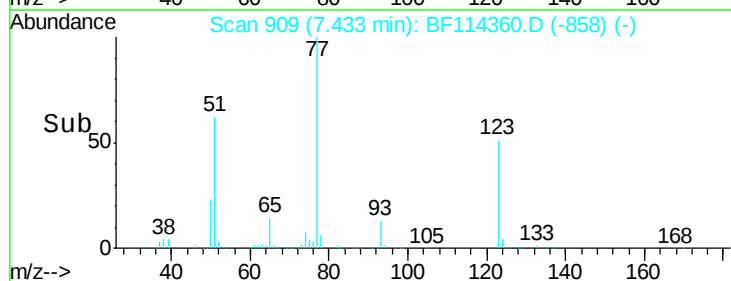
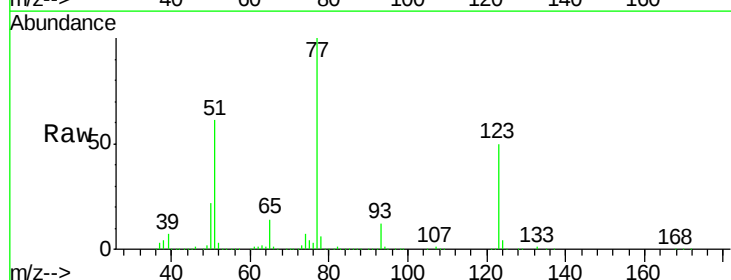
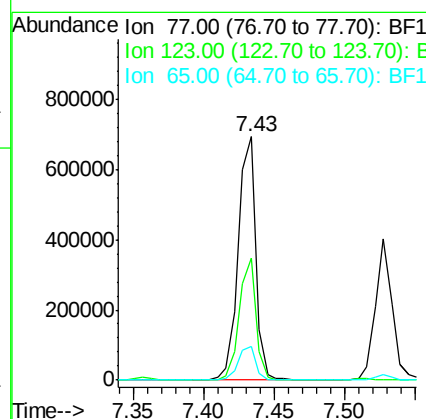
Manual Integrations
APPROVED

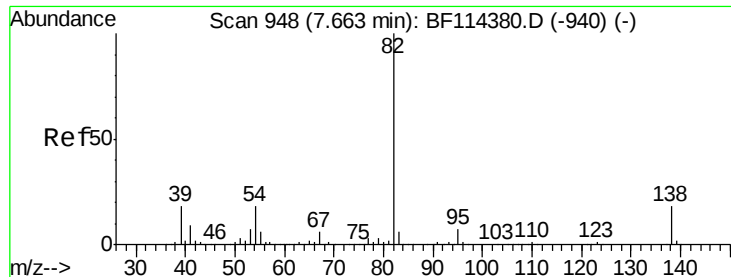
mohammad
5/21/2019 2:16:12 PM



#24
Nitrobenzene
Concen: 42.858 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion: 77 Resp: 598969
Ion Ratio Lower Upper
77 100
123 50.1 36.9 55.3
65 13.9 11.8 17.6





#25

Isophorone

Concen: 43.514 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion: 82 Resp: 1107351

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

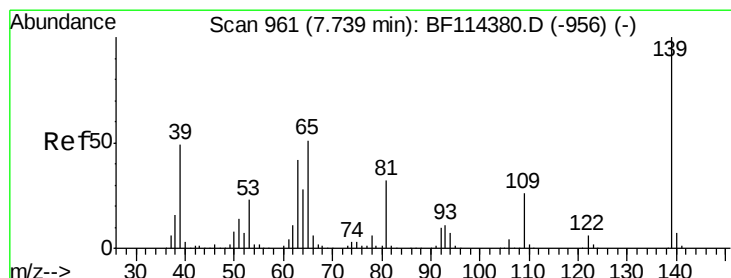
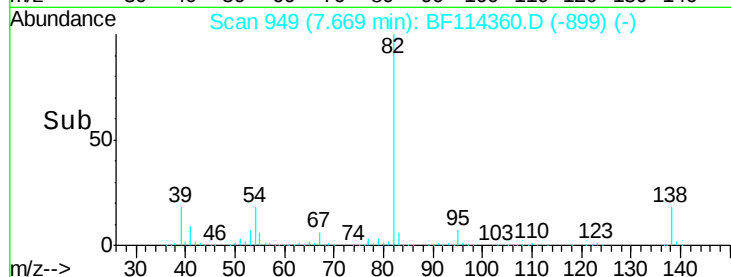
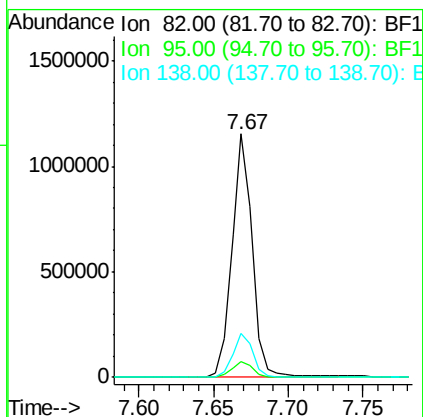
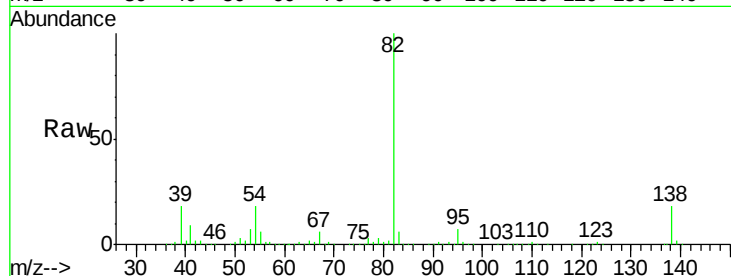
138 17.8 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.865 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

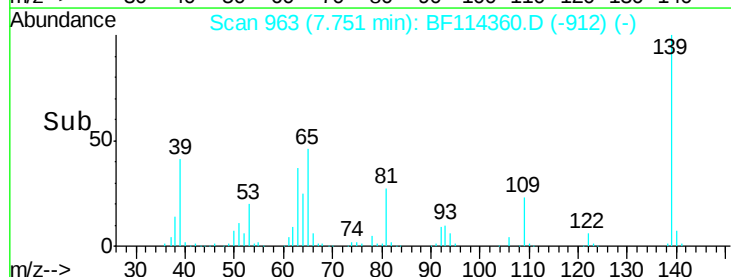
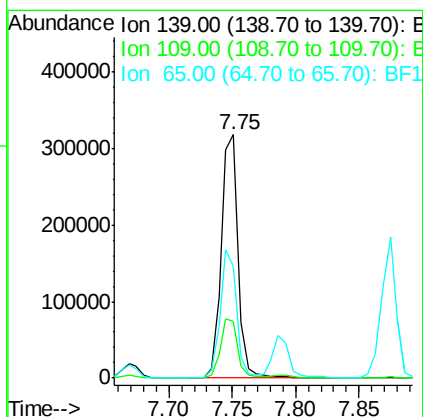
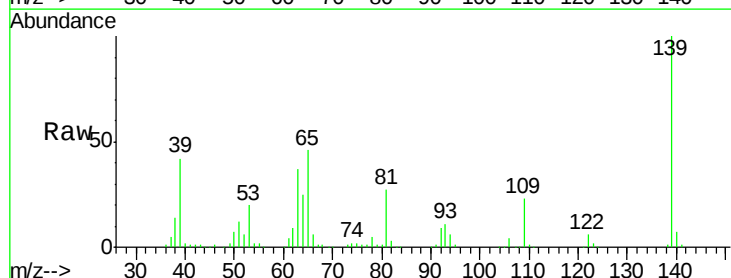
Tgt Ion: 139 Resp: 297428

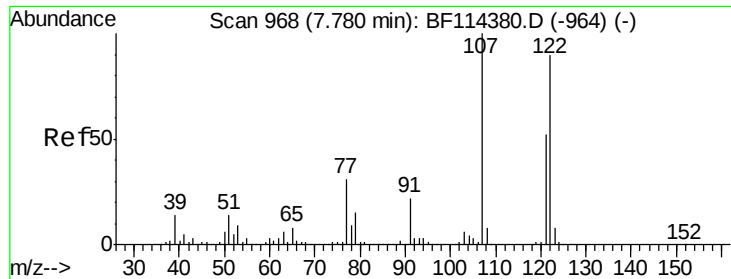
Ion Ratio Lower Upper

139 100

109 23.5 20.7 31.1

65 46.0 40.2 60.2





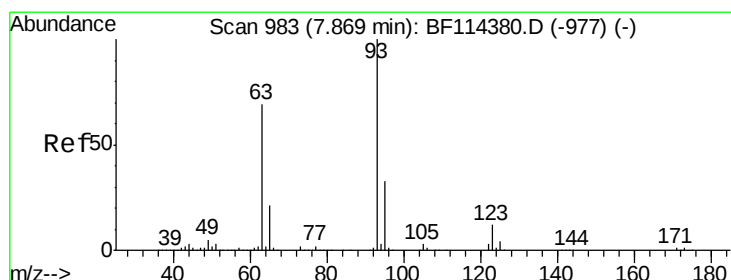
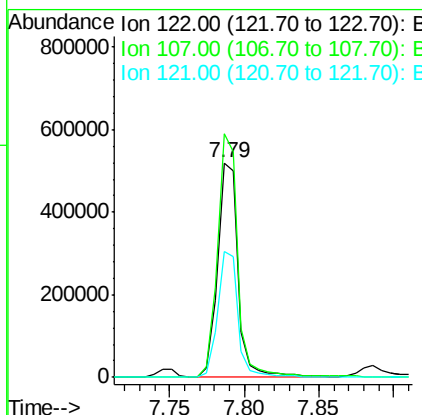
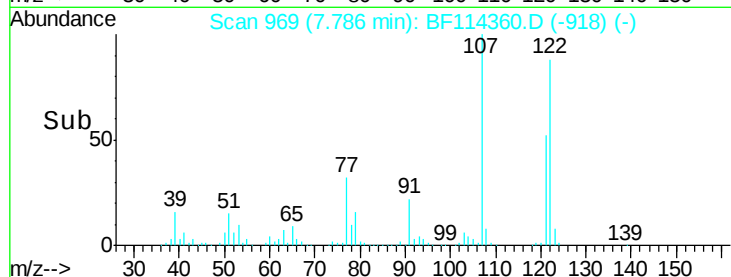
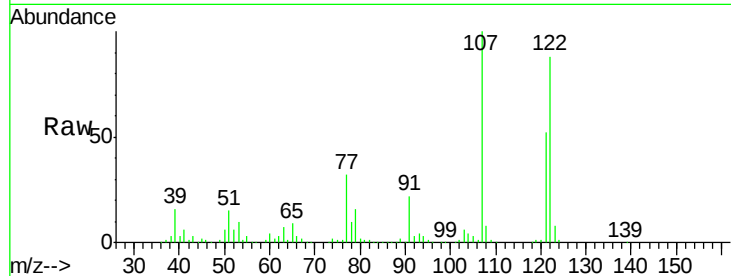
#27
2,4-Dimethylphenol
Concen: 47.373 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	504491		
107	113.3	88.4	132.6	
121	58.4	45.9	68.9	

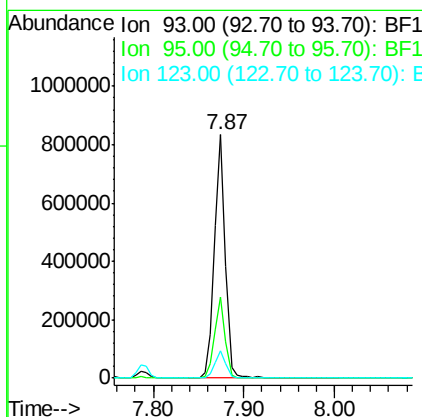
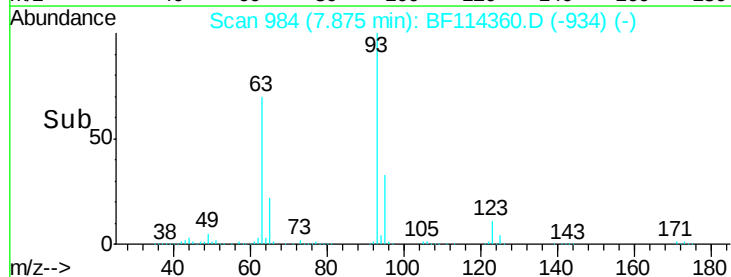
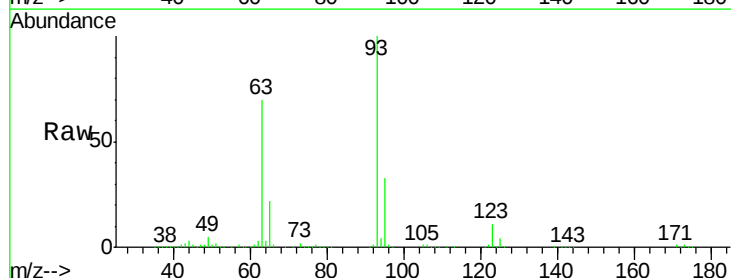
Manual Integrations
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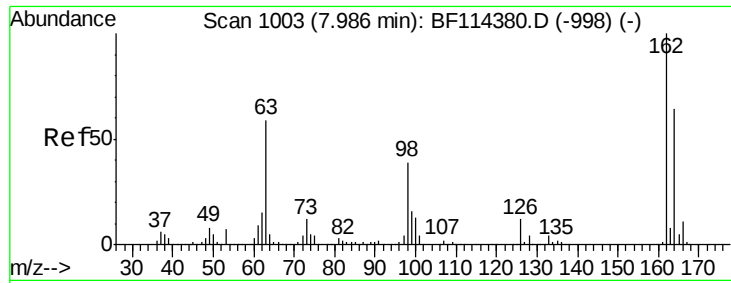
mohammad
5/21/2019 2:16:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.298 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	698425		
95	33.1	26.8	40.2	
123	11.3	9.5	14.3	





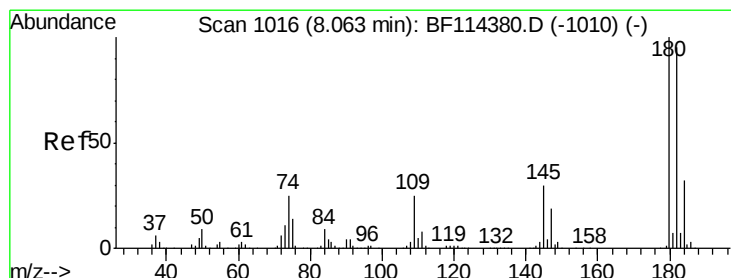
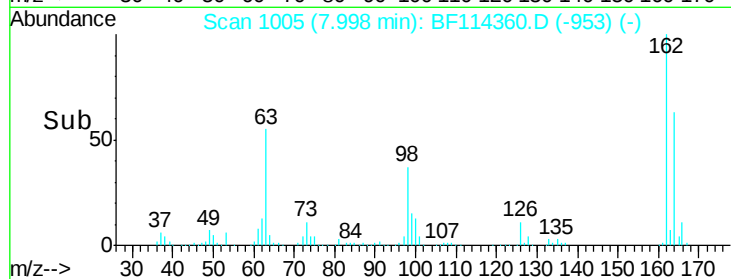
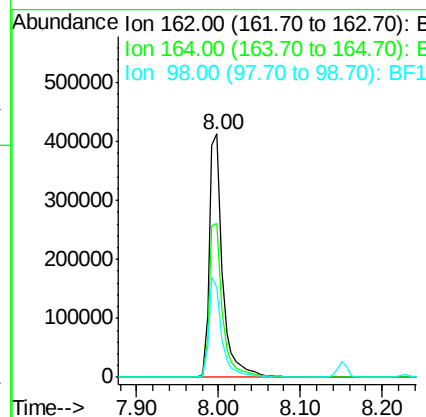
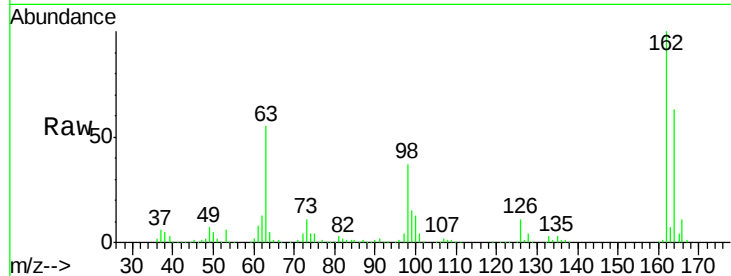
#29
2,4-Dichlorophenol
Concen: 43.990 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	466479		
164	63.1	43.6	83.6	
98	36.7	20.6	60.6	

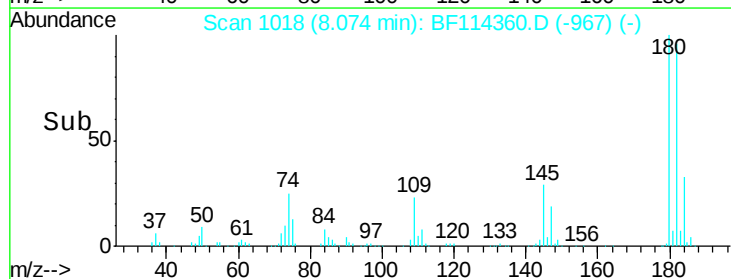
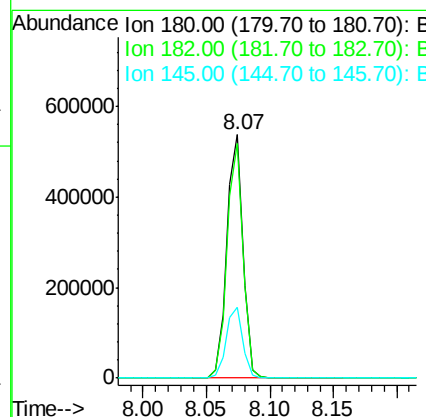
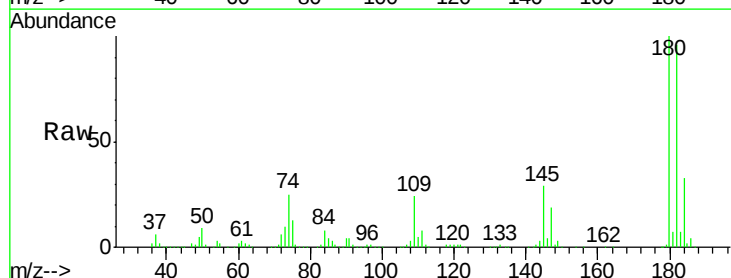
Manual Integrations
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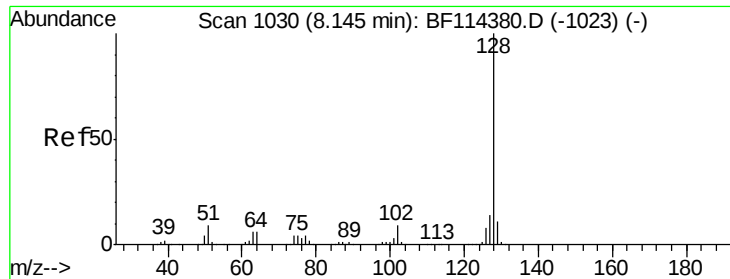
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.875 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	480822		
182	96.2	76.6	114.8	
145	29.0	25.1	37.7	





#31

Naphthalene

Concen: 43.279 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion:128 Resp: 1556778

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

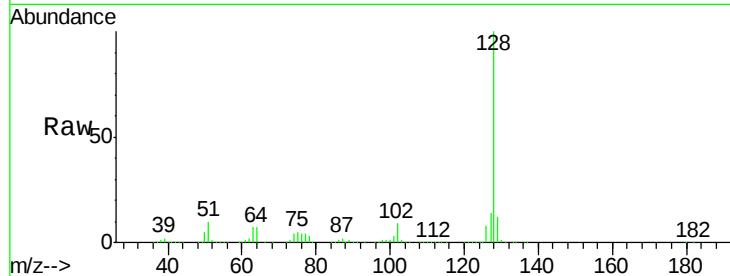
127 13.7 11.3 16.9

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Abundance Ion 128.00 (127.70 to 128.70): E

2500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

2000000

1500000

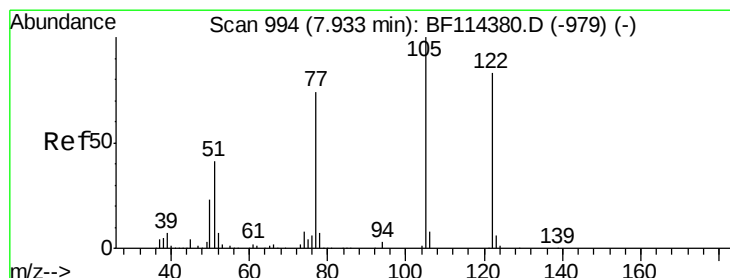
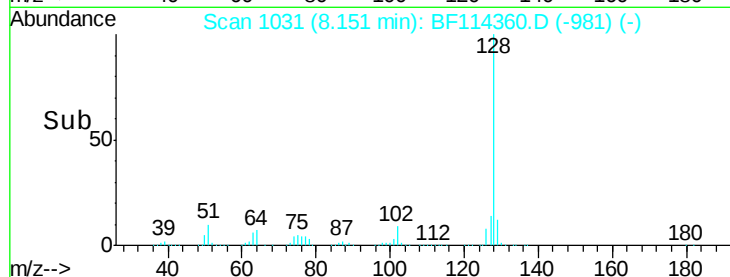
1000000

500000

0

8.10 8.15 8.20

Time-->



#32

Benzoic acid

Concen: 11.602 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

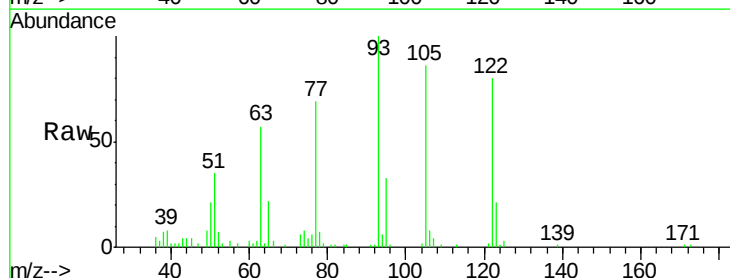
Tgt Ion:122 Resp: 40748

Ion Ratio Lower Upper

122 100

105 107.1 99.9 139.9

77 85.8 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E

40000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

30000

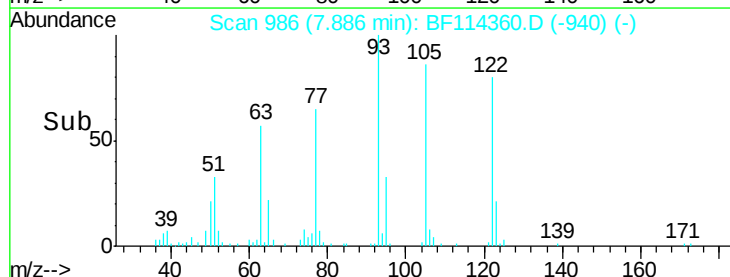
20000

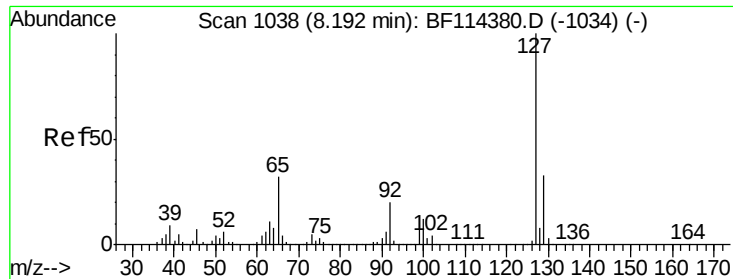
10000

0

7.85 7.90 7.95 8.00

Time-->





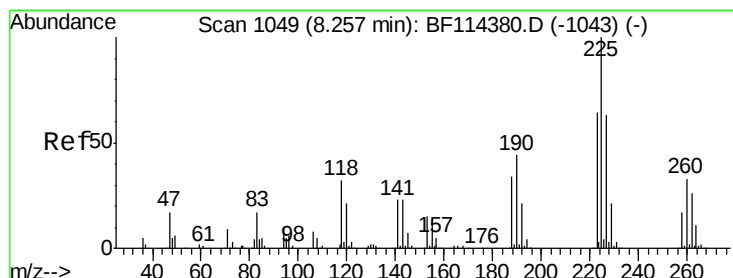
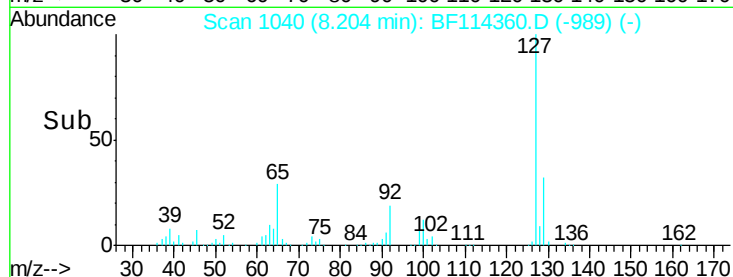
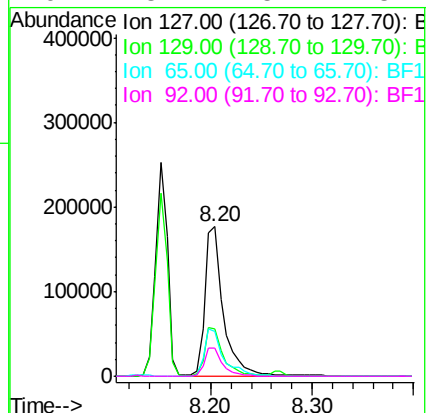
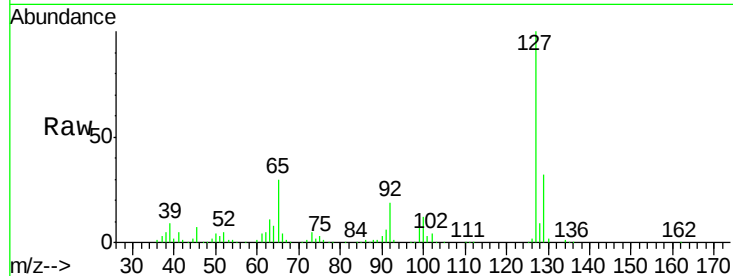
#33
4-Chloroaniline
Concen: 13.517 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	221562		
129	31.7	26.7	40.1	
65	29.6	25.4	38.0	
92	18.7	15.4	23.2	

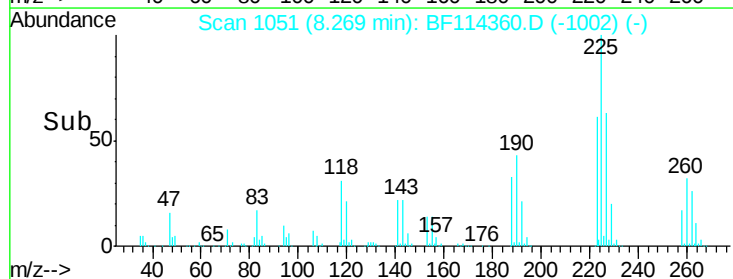
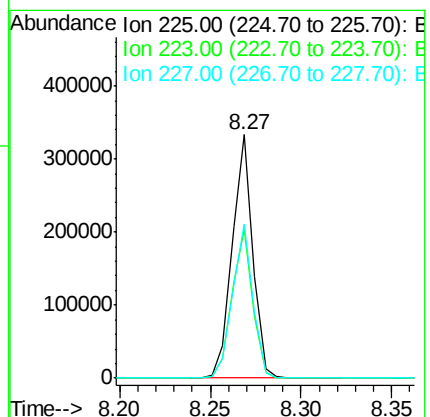
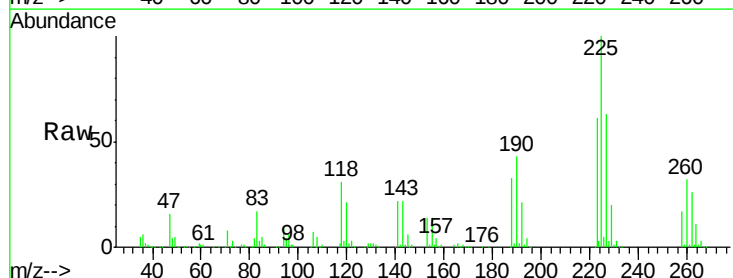
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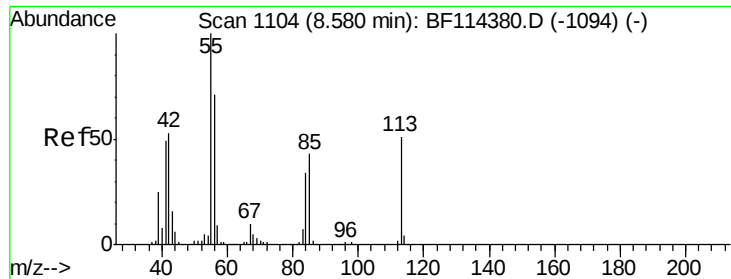
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#34
Hexachlorobutadiene
Concen: 38.375 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	263292		
223	60.9	50.2	75.2	
227	63.3	52.6	79.0	





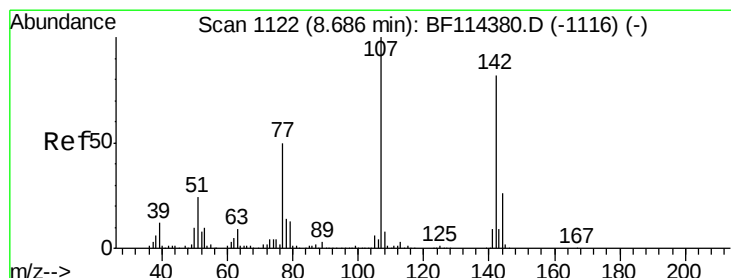
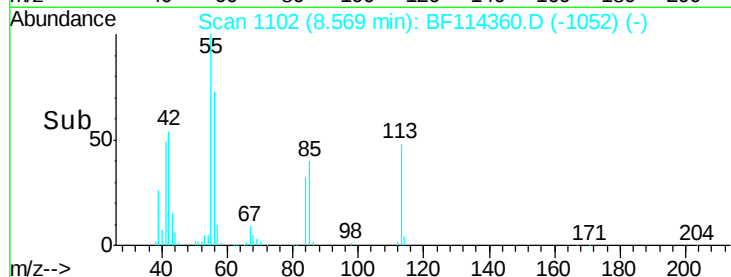
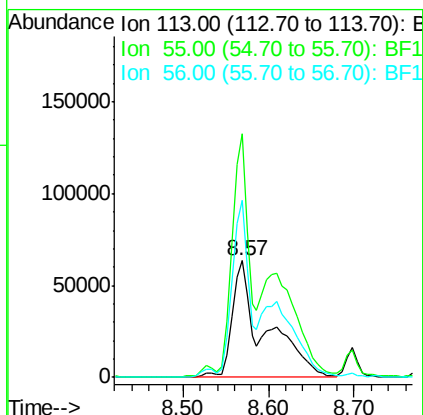
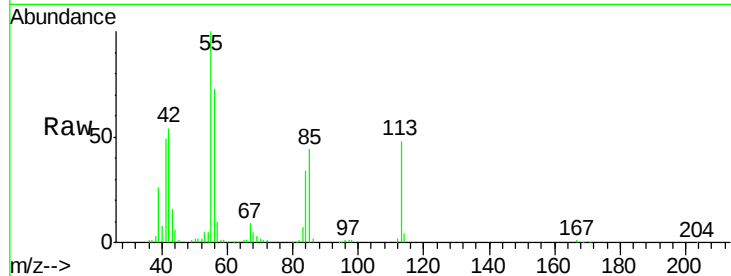
#35
 Caprolactam
 Concen: 48.213 ng m
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	208.7	183.5	223.5
56	151.6	128.8	168.8

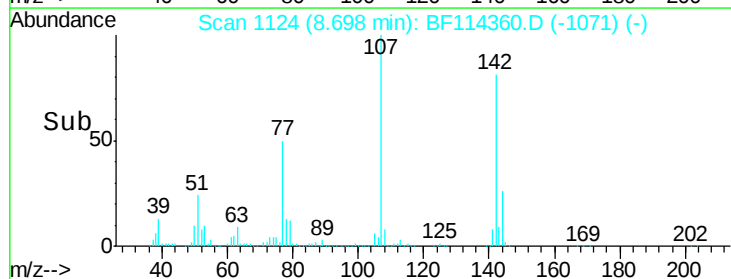
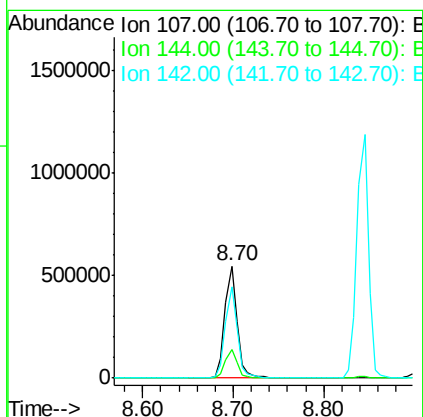
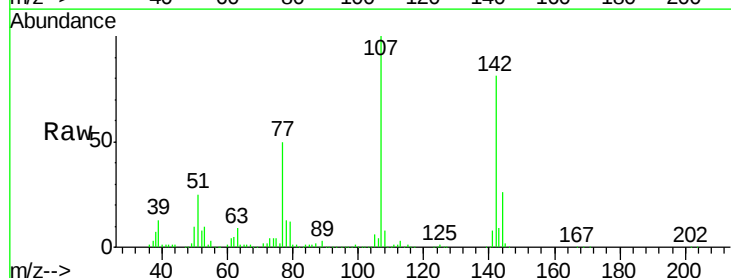
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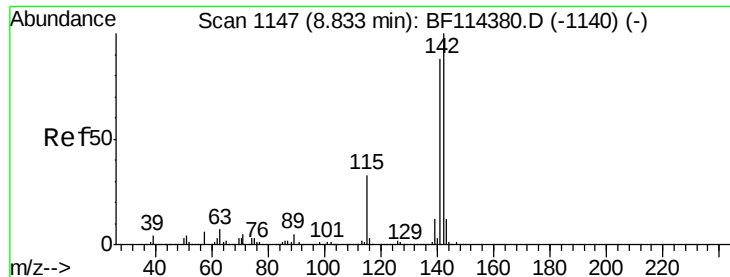
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.810 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	81.0	64.2	96.4





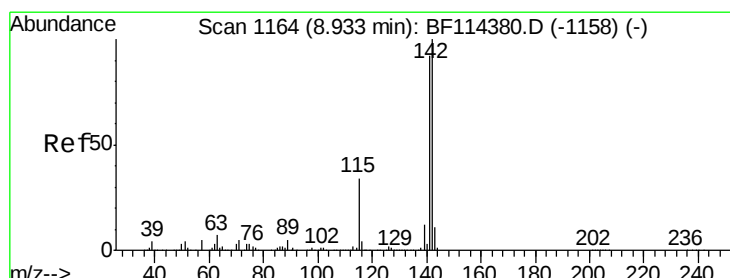
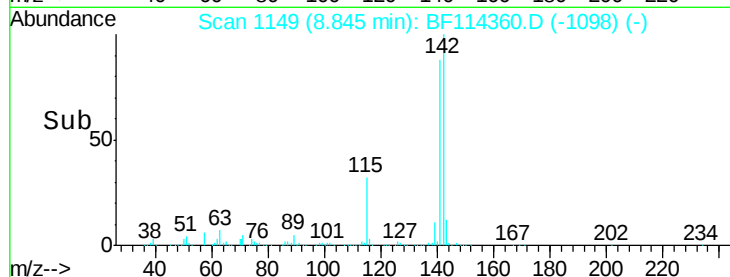
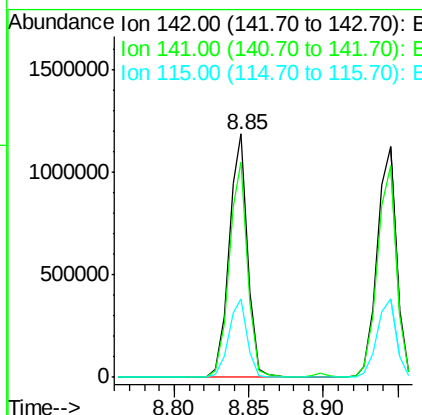
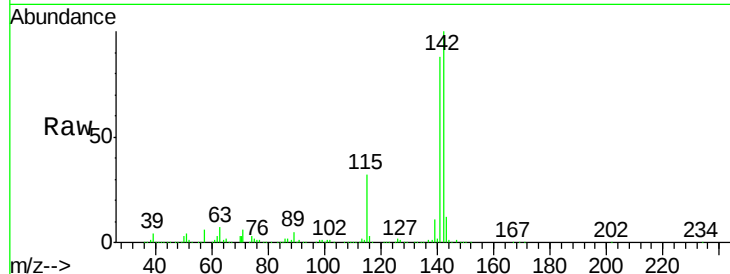
#37
2-Methylnaphthalene
Concen: 44.950 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.1	108.1
115	32.3	28.0	42.0

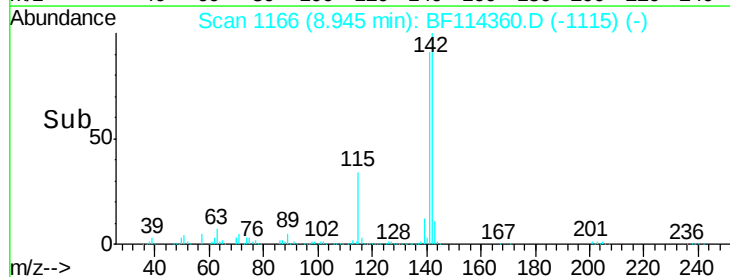
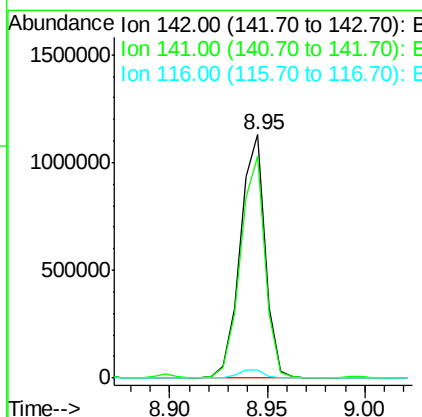
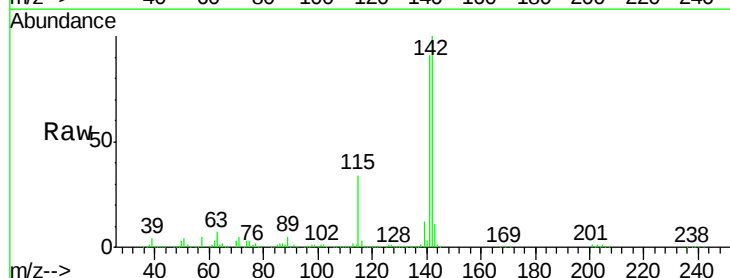
Manual Integrations
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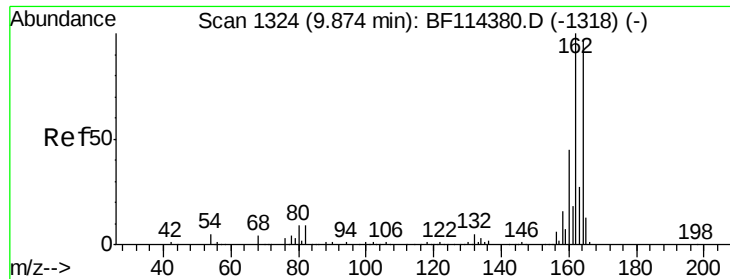
mohammad
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#38
1-Methylnaphthalene
Concen: 45.451 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.4	110.0
116	3.5	3.1	4.7





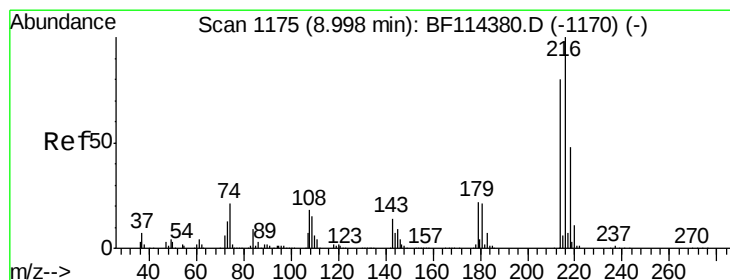
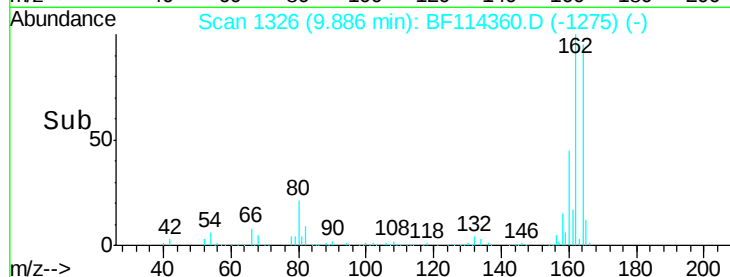
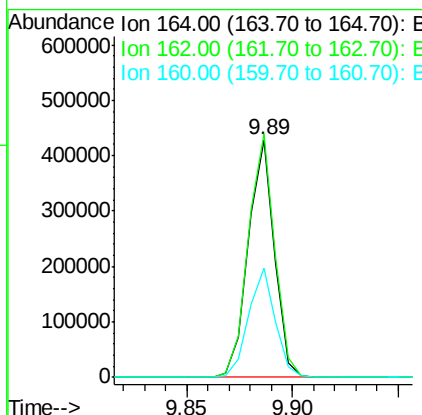
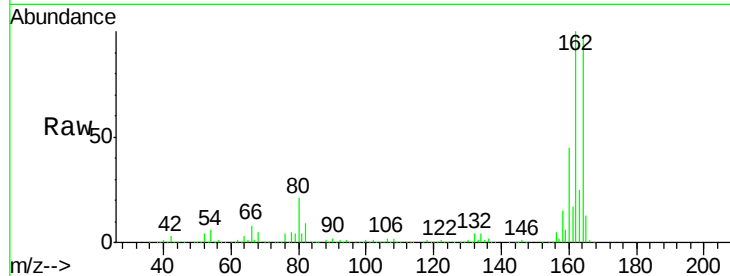
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	367442		
162	102.6	80.6	120.8	
160	45.9	36.5	54.7	

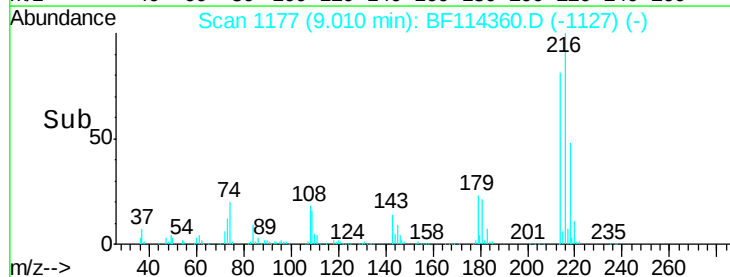
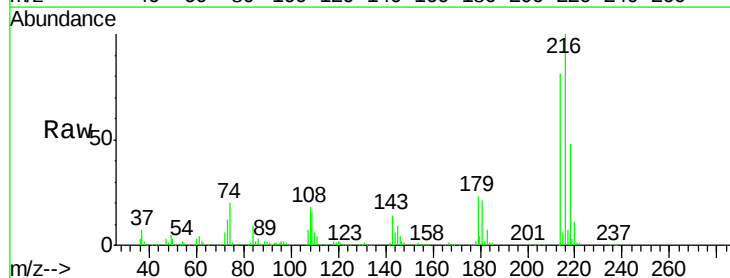
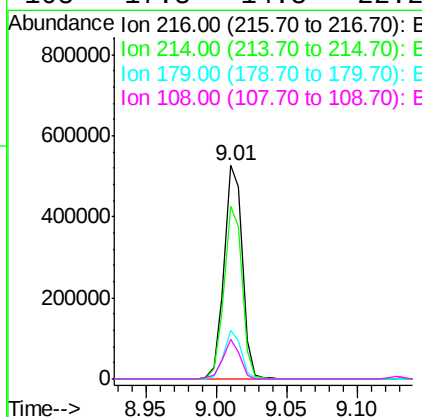
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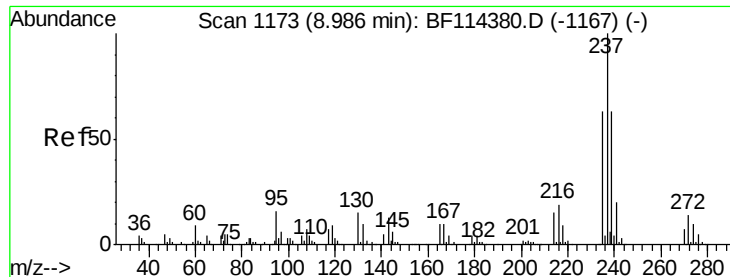
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.595 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	474108		
214	79.6	63.9	95.9	
179	21.4	17.0	25.6	
108	17.3	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 11.396 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

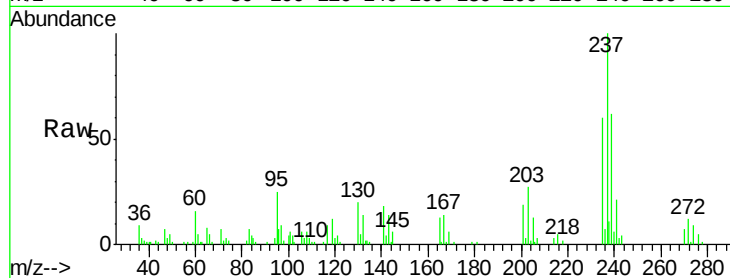
ClientSampleId :

SB-04-9-10MSD

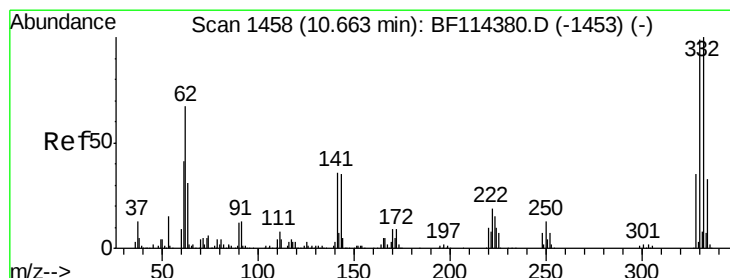
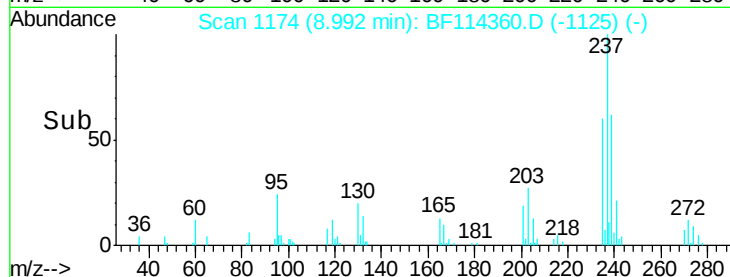
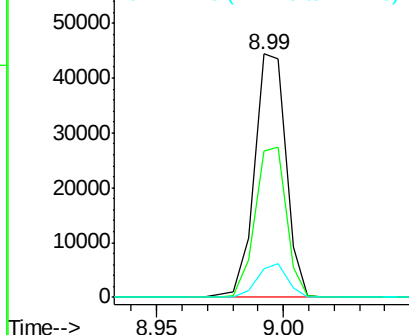
Tgt Ion:	237	Resp:	38766
Ion Ratio	Lower	Upper	
237	100		
235	60.1	42.0	82.0
272	11.7	0.0	32.4

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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



#42

2,4,6-Tribromophenol

Concen: 122.387 ng

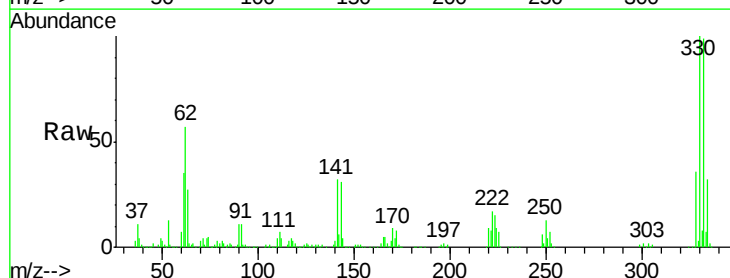
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

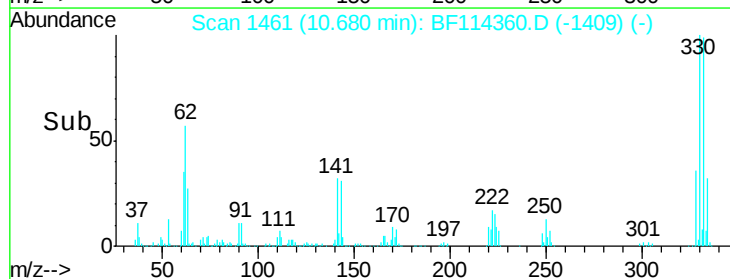
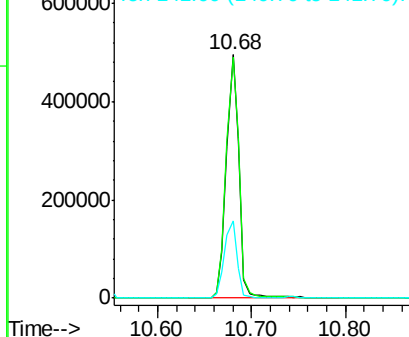
Lab File: BF114360.D

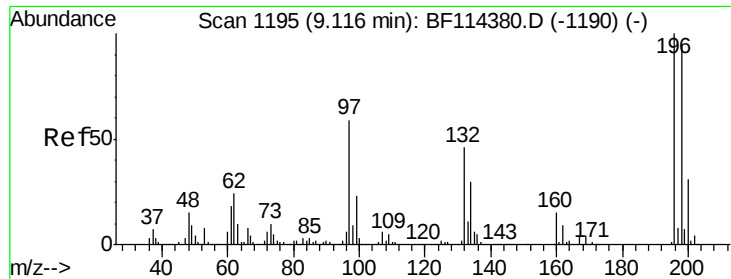
Acq: 17 May 2019 19:51

Tgt Ion:	330	Resp:	464914
Ion Ratio	Lower	Upper	
330	100		
332	101.7	81.4	122.2
141	32.2	26.6	40.0



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





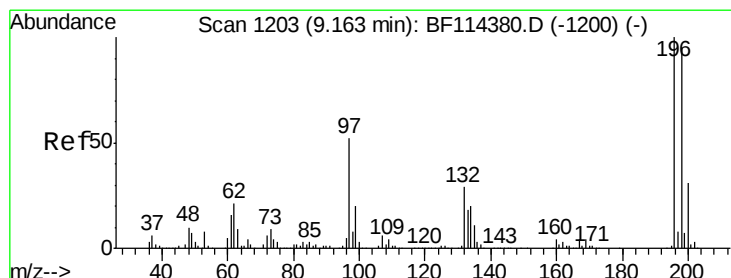
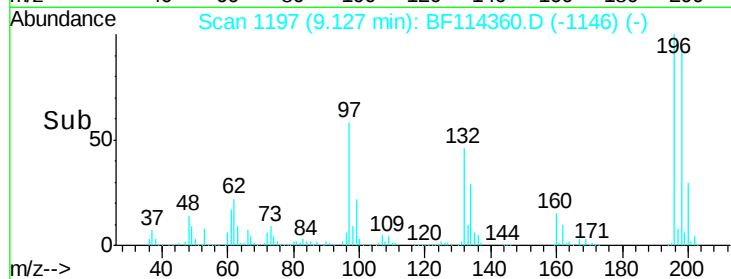
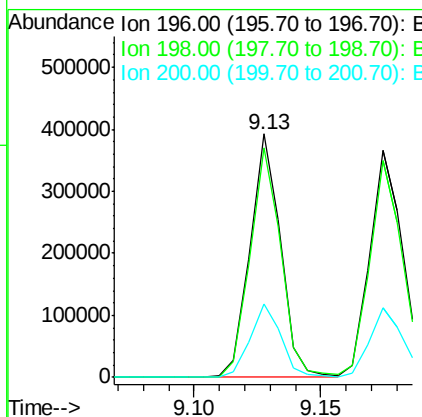
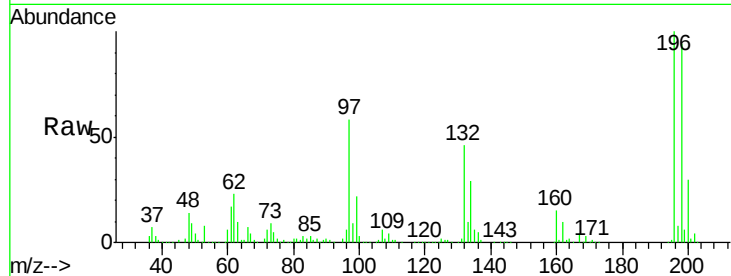
#43
 2,4,6-Trichlorophenol
 Concen: 43.072 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion:	196	Resp:	329755
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.9	113.9
200	30.2	23.5	35.3

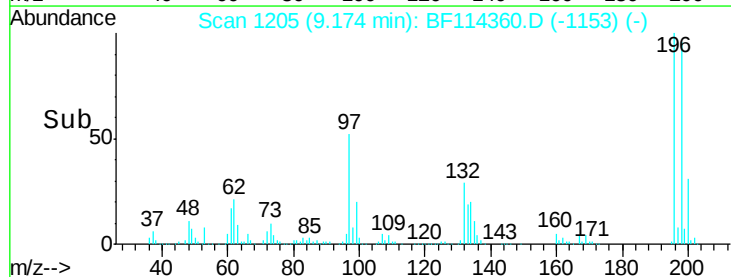
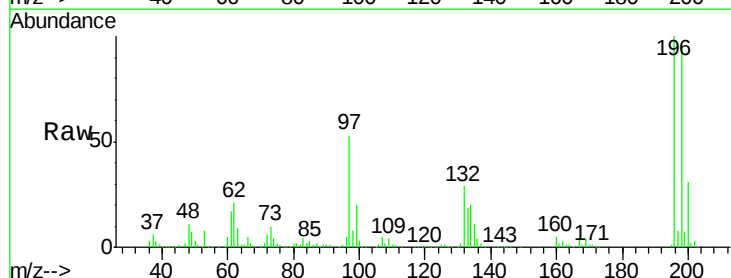
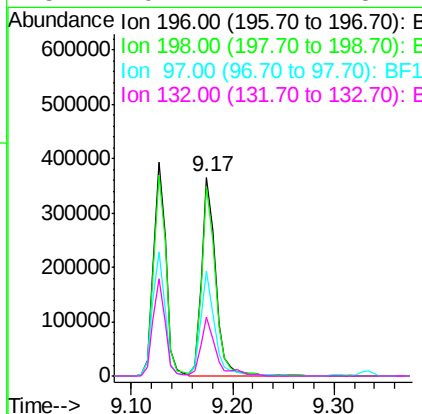
Manual Integrations
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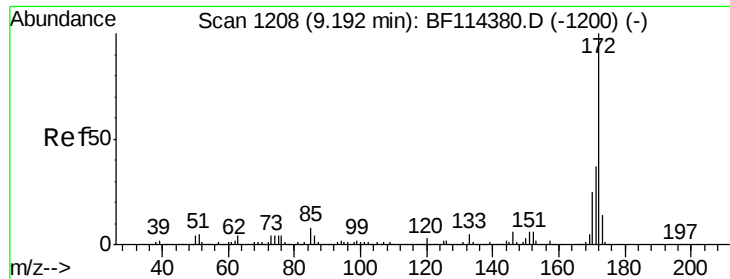
mohammad
 5/21/2019 2:16:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.965 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion:	196	Resp:	353045
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.7	116.5
97	52.5	38.2	57.2
132	29.4	21.4	32.2





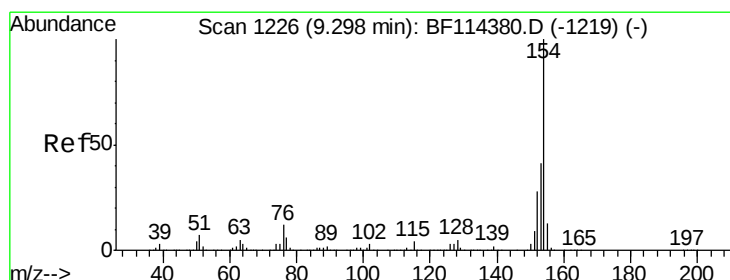
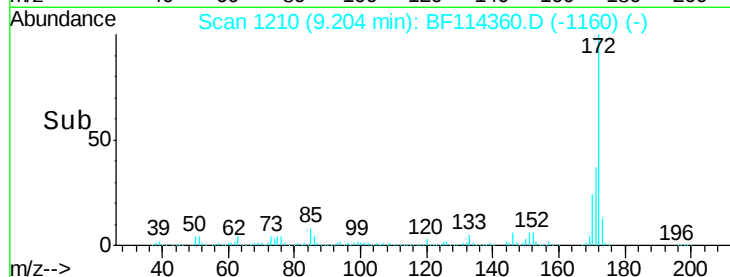
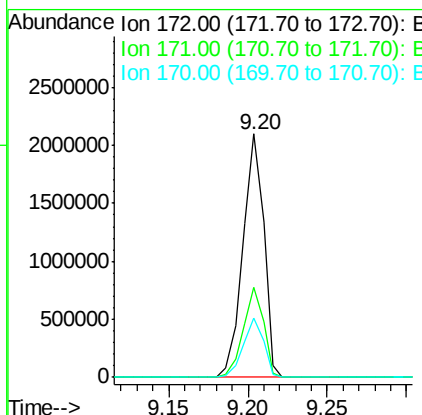
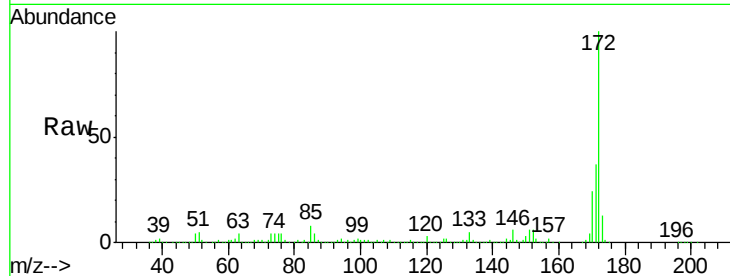
#45
 2-Fluorobiphenyl
 Concen: 78.706 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.4	20.5	30.7

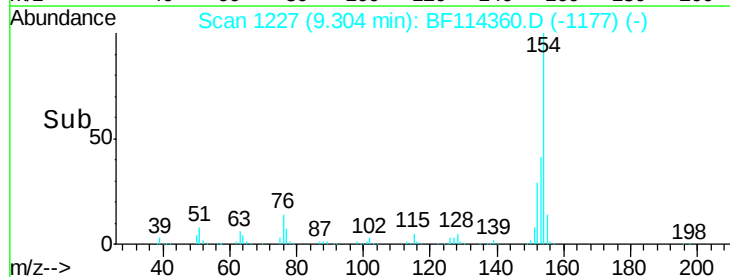
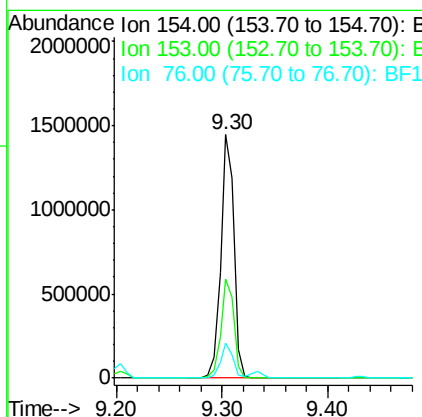
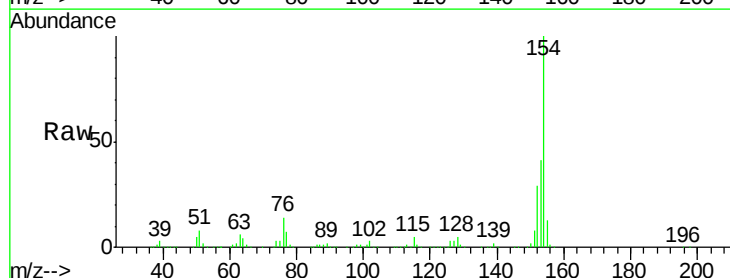
Manual Integrations
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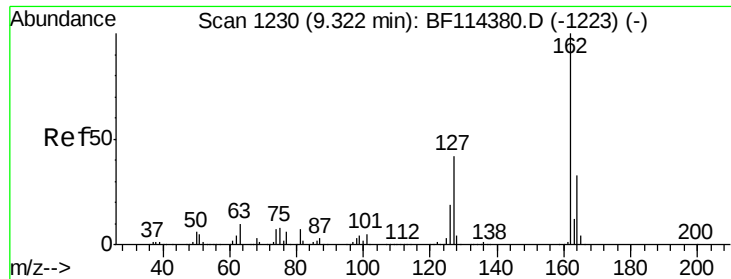
mohammad
 5/21/2019 2:16:12 PM



#46
 1,1'-Biphenyl
 Concen: 42.790 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	14.3	0.0	32.8





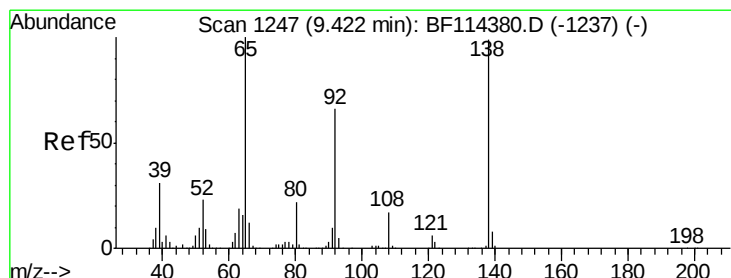
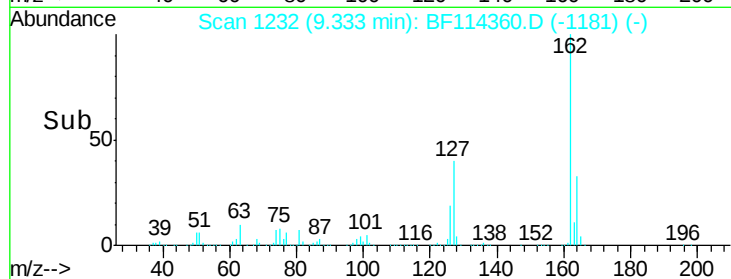
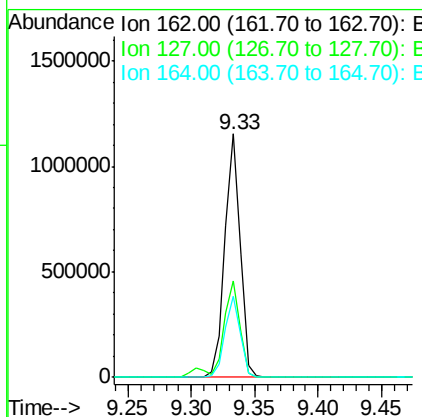
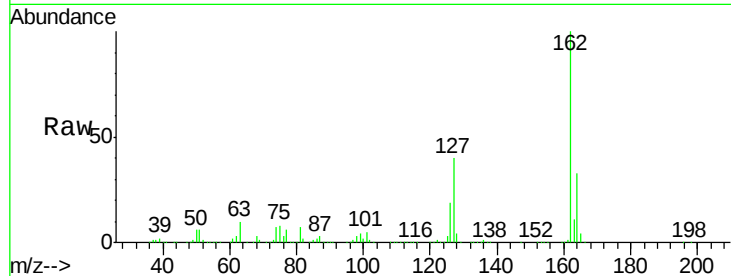
#47
 2-Chloronaphthalene
 Concen: 40.704 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	972407		
127	39.8	34.0	51.0	
164	33.3	26.7	40.1	

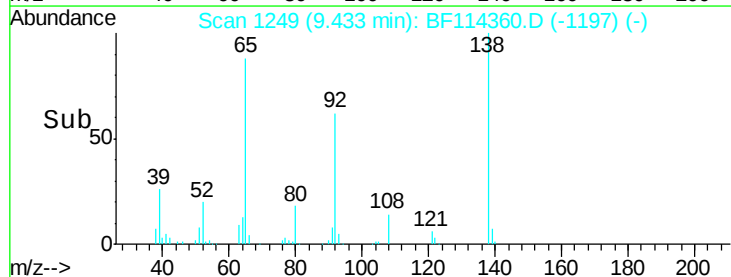
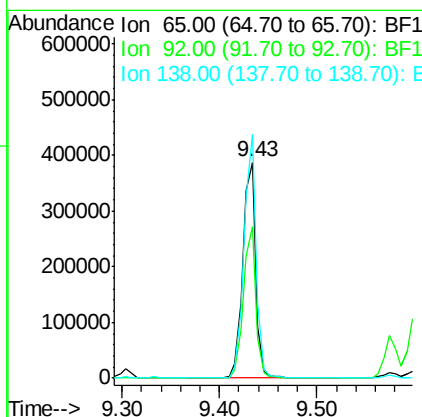
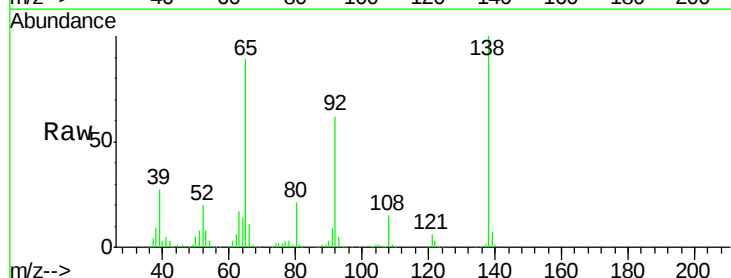
Manual Integrations
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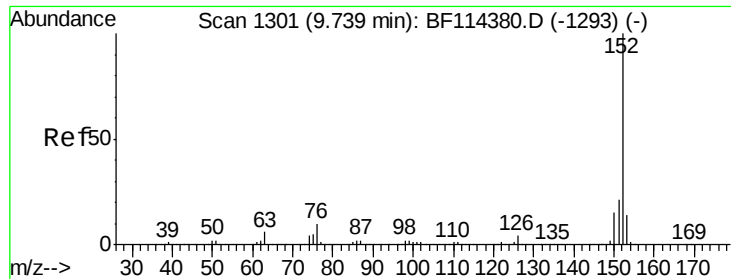
mohammad
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#48
 2-Nitroaniline
 Concen: 42.165 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	357242		
92	70.0	53.9	80.9	
138	112.8	81.4	122.0	





#49

Acenaphthylene

Concen: 43.245 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion:152 Resp: 1571297

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

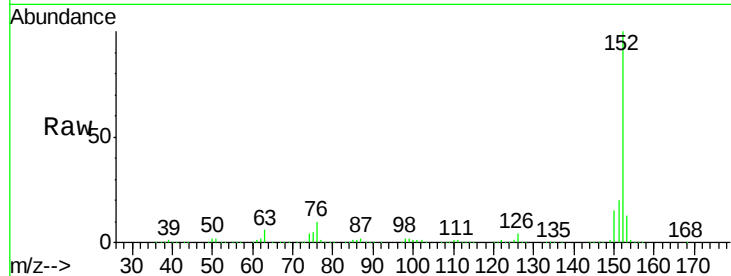
153 13.4 11.4 17.2

Manual Integrations

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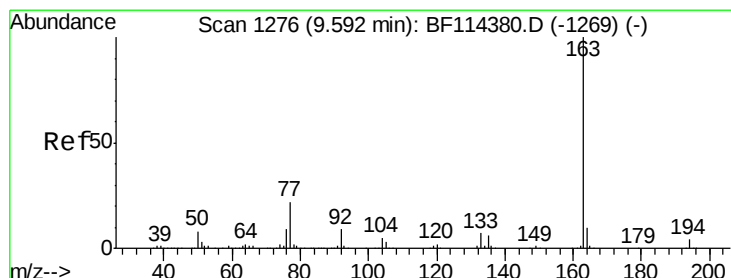
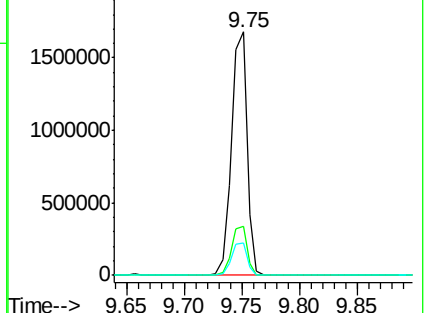
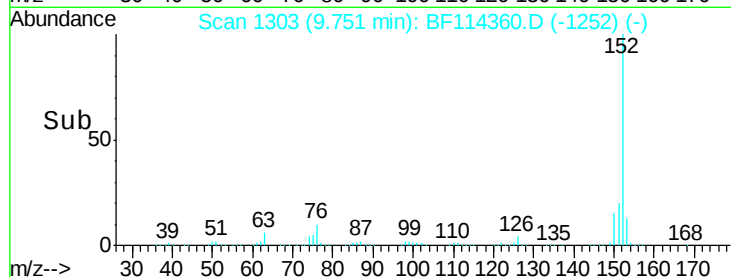
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.461 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

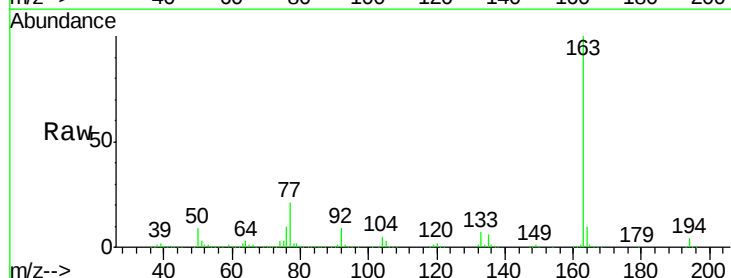
Tgt Ion:163 Resp: 1469024

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

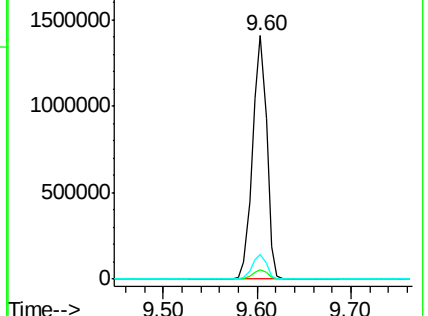
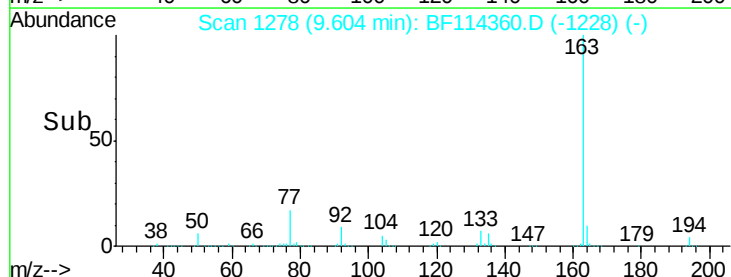
164 10.4 8.2 12.2

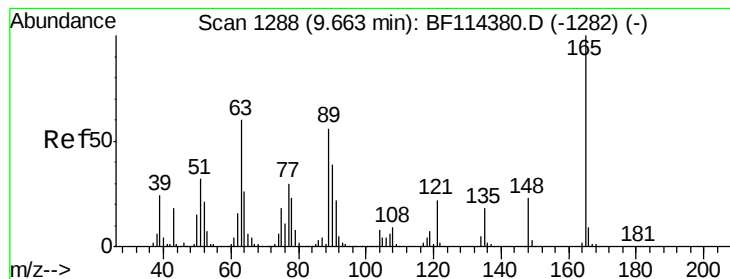


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.191 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD

Tgt Ion:165 Resp: 264382
Ion Ratio Lower Upper

165 100

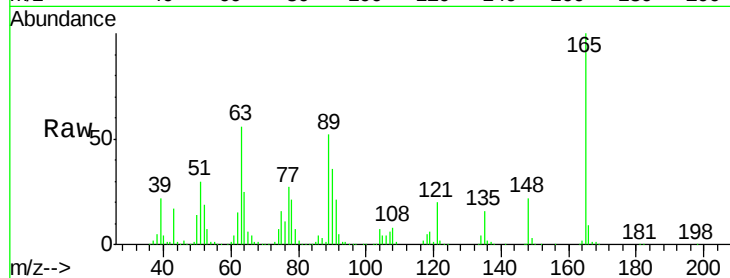
63 55.9 50.2 75.4

89 52.4 46.6 69.8

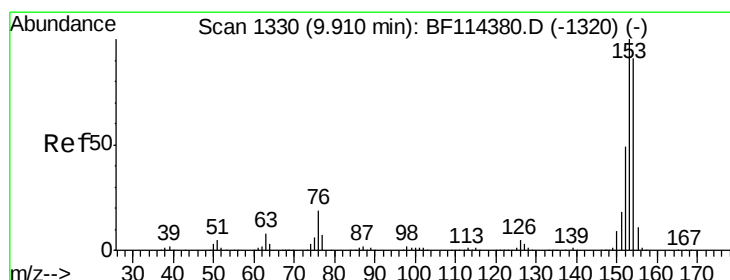
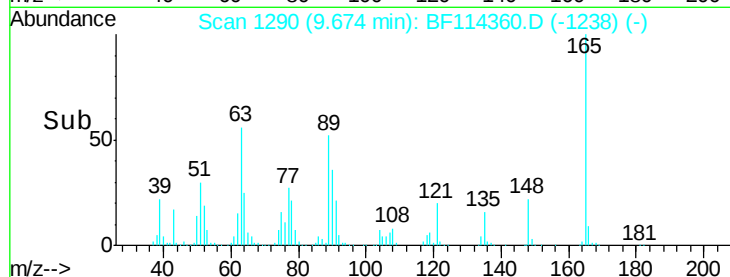
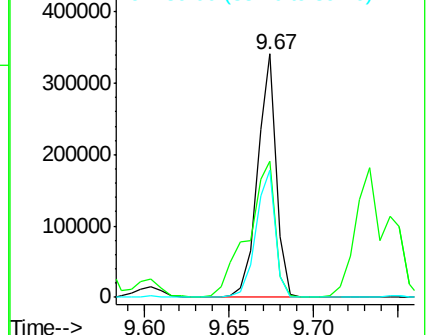
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.776 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114360.D

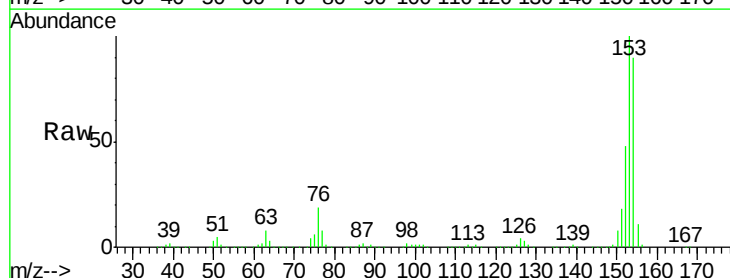
Acq: 17 May 2019 19:51

Tgt Ion:154 Resp: 909174
Ion Ratio Lower Upper

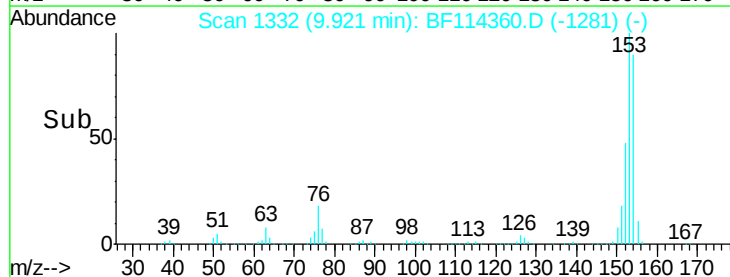
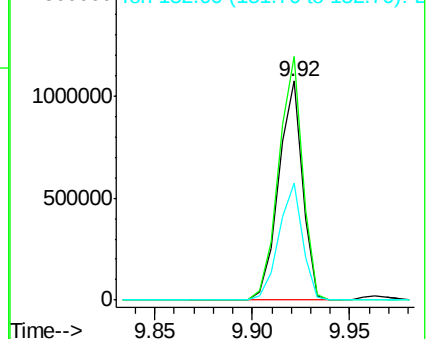
154 100

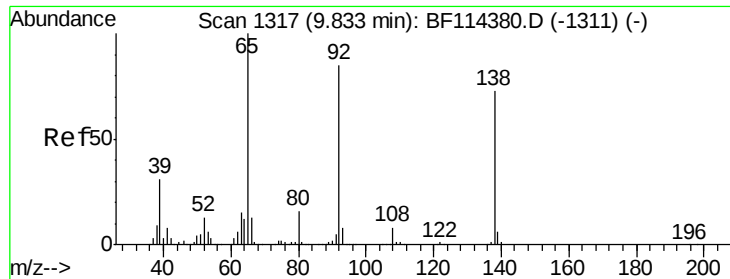
153 111.3 90.5 135.7

152 53.5 43.4 65.2



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





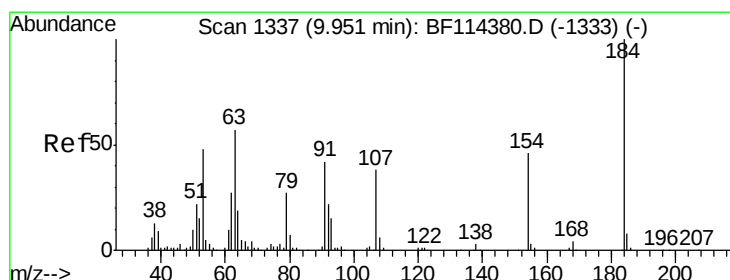
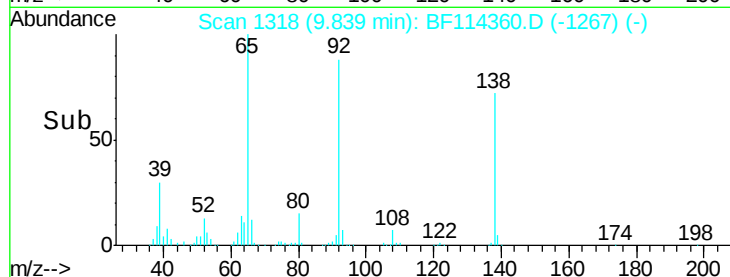
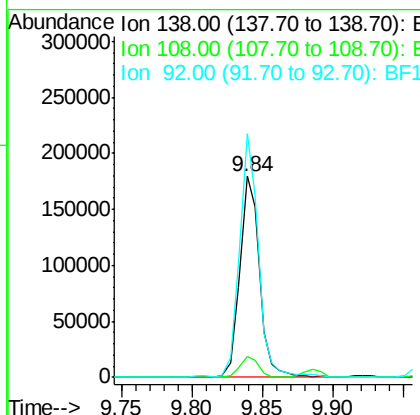
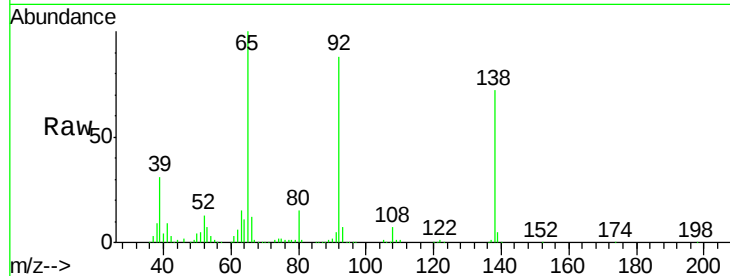
#53
3-Nitroaniline
Concen: 23.436 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174048		
108	10.3	7.8	11.6	
92	121.3	91.2	136.8	

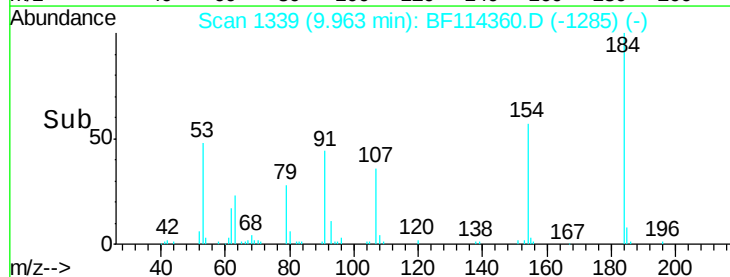
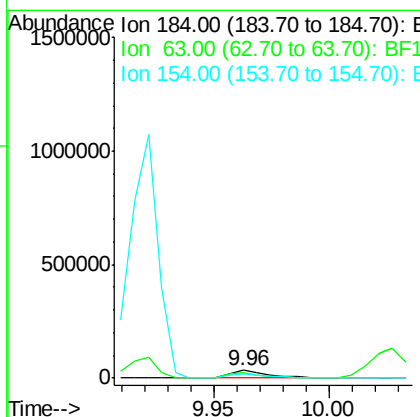
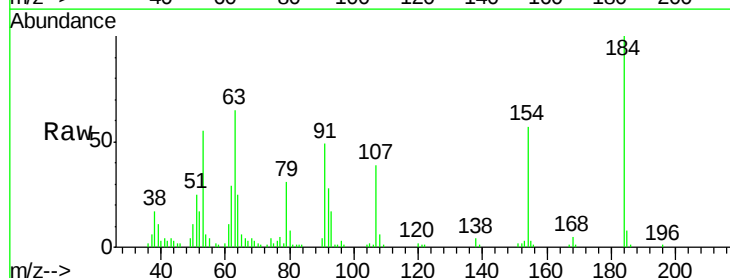
Manual Integrations
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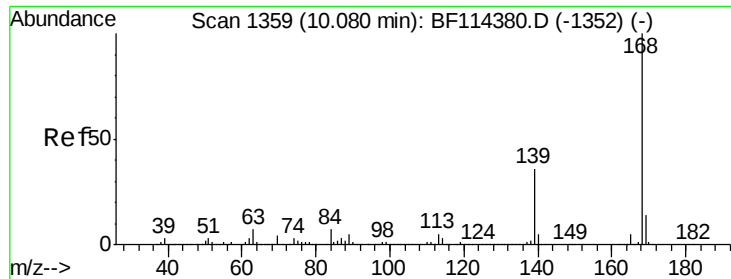
mohammad
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#54
2,4-Dinitrophenol
Concen: 19.104 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	40602		
63	65.1	55.6	83.4	
154	56.9	46.0	69.0	





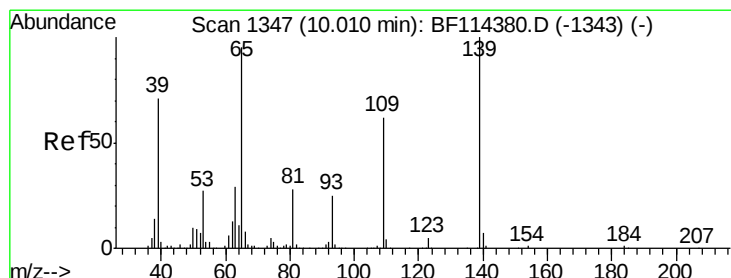
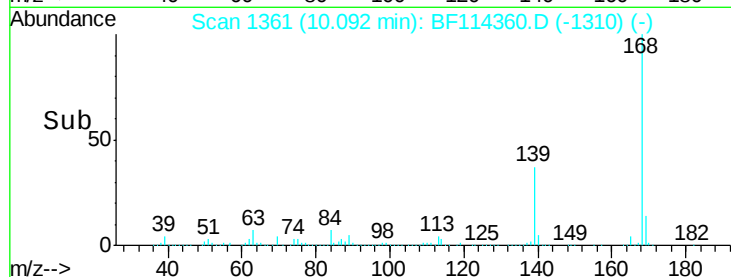
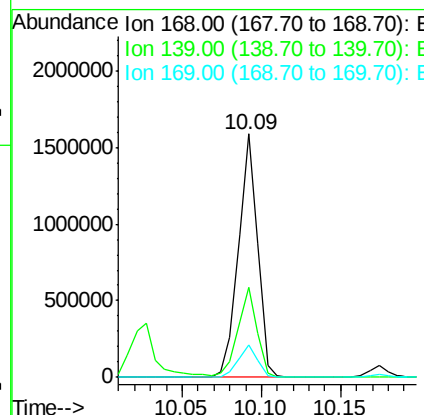
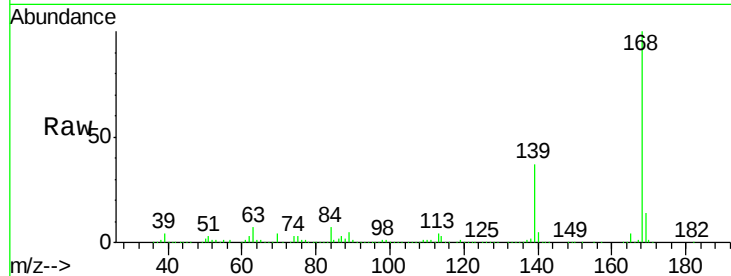
#55
Dibenzenofuran
Concen: 40.843 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	13.5	11.4	17.0

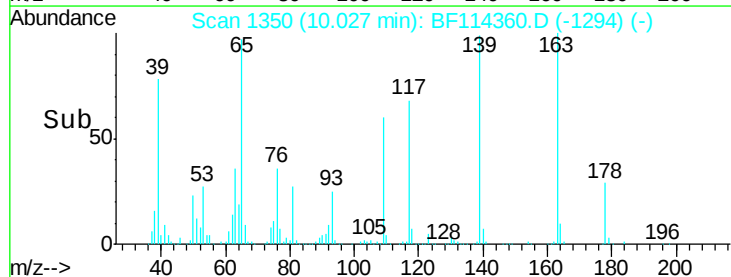
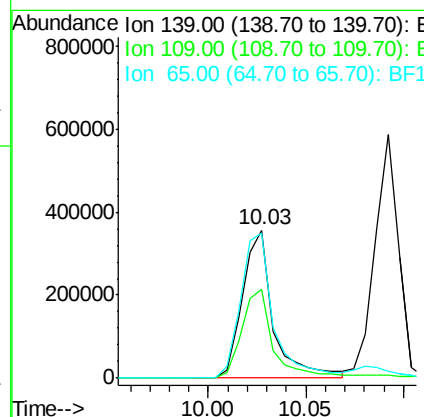
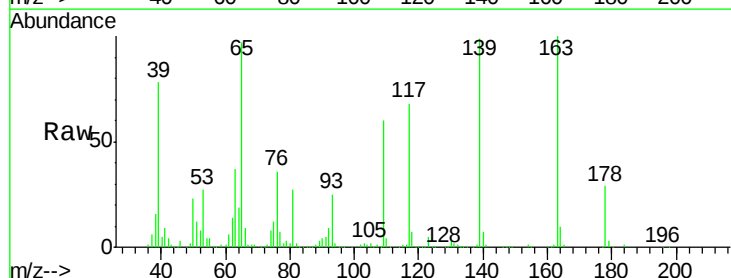
Manual Integrations
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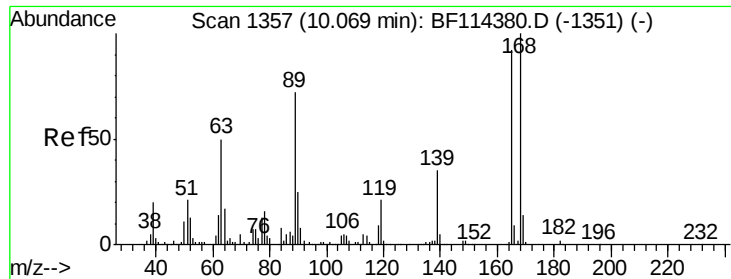
mohammad
5/21/2019 2:16:12 PM



#56
4-Nitrophenol
Concen: 74.104 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.1	43.9	83.9
65	97.8	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 41.685 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF114360.D

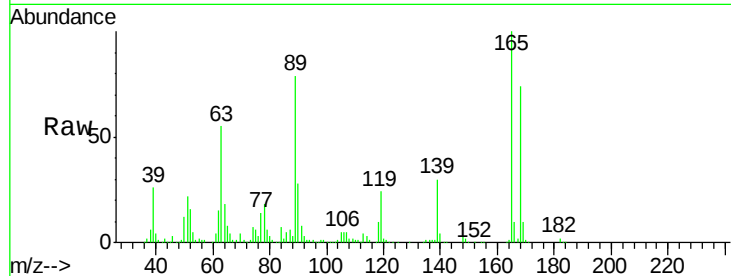
Acq: 17 May 2019 19:51

Instrument :

BNA_F

ClientSampleId :

SB-04-9-10MSD



Tgt Ion:165 Resp: 338495

Ion Ratio Lower Upper

165 100

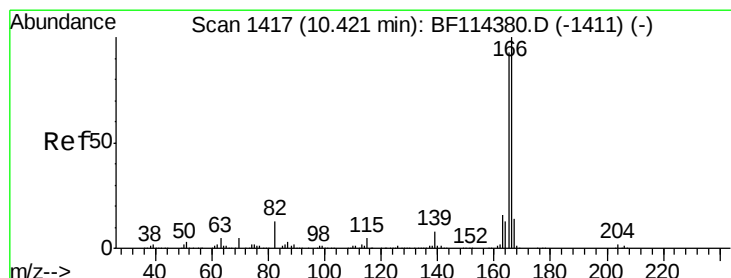
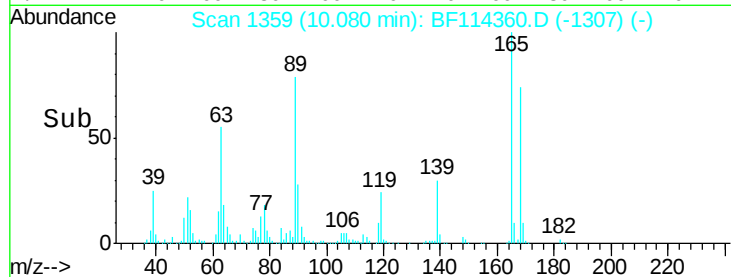
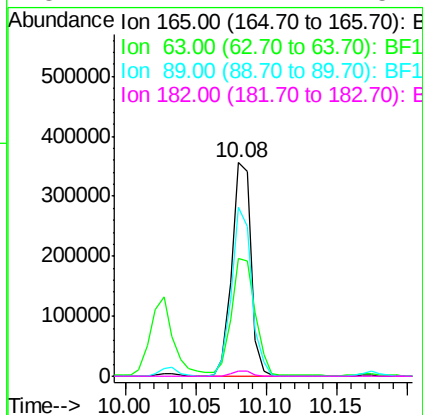
63 55.1 35.5 53.3#

89 78.9 55.2 82.8

182 2.4 2.2 3.2

Manual Integrations
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#58

Fluorene

Concen: 43.074 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

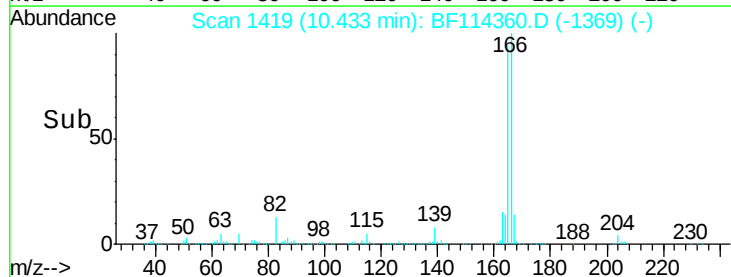
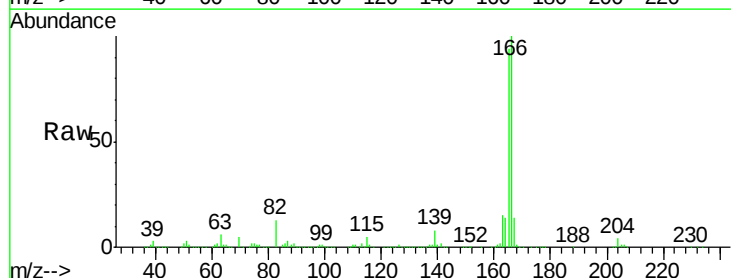
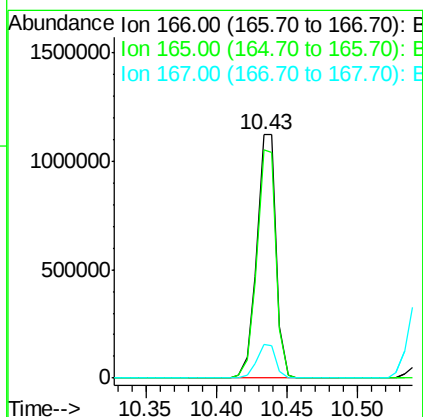
Tgt Ion:166 Resp: 1087782

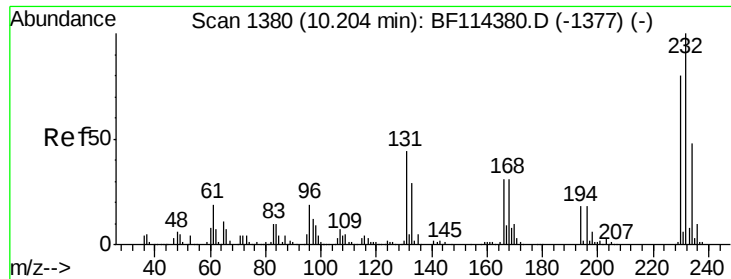
Ion Ratio Lower Upper

166 100

165 93.7 76.1 114.1

167 13.8 11.1 16.7





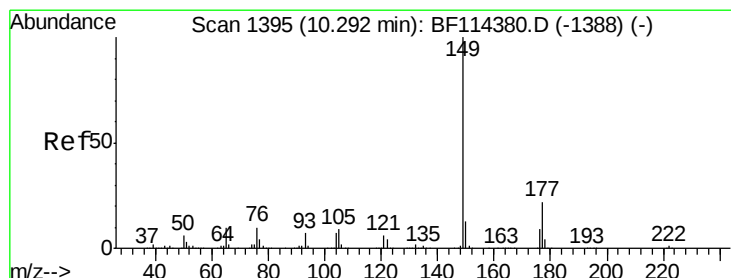
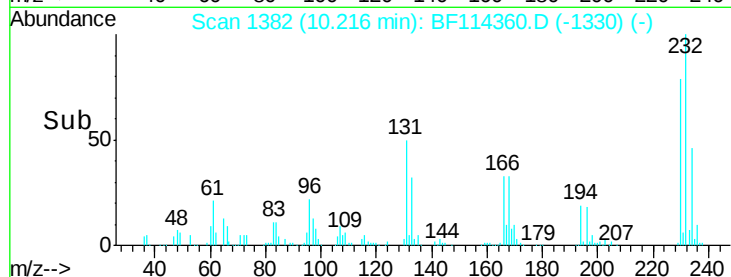
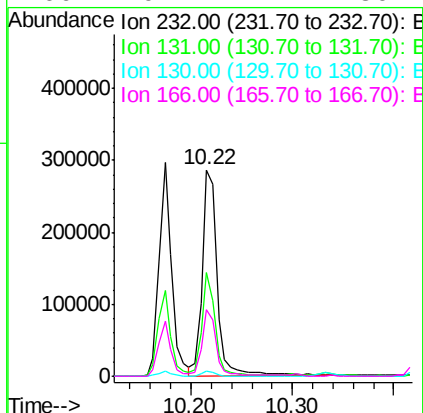
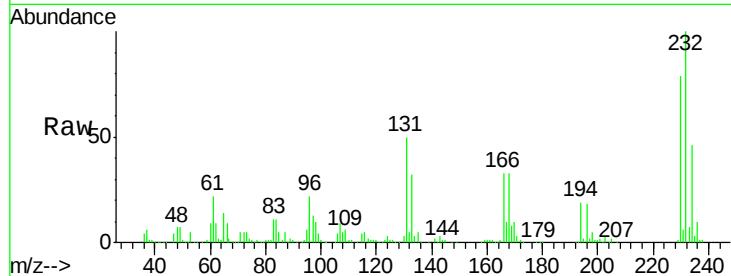
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.043 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	291599		
131	43.9	35.6	53.4	
130	2.3	1.6	2.4	
166	29.7	24.1	36.1	

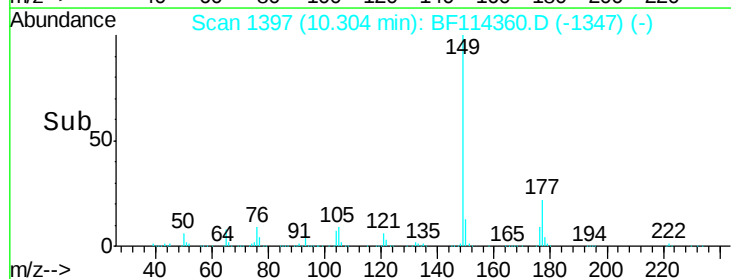
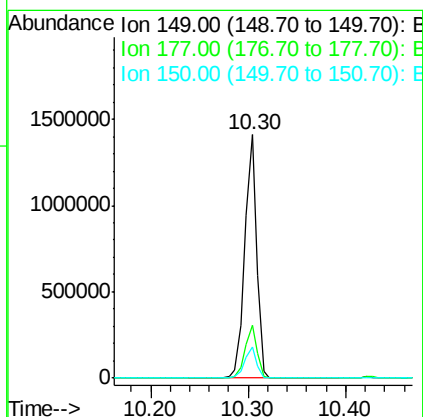
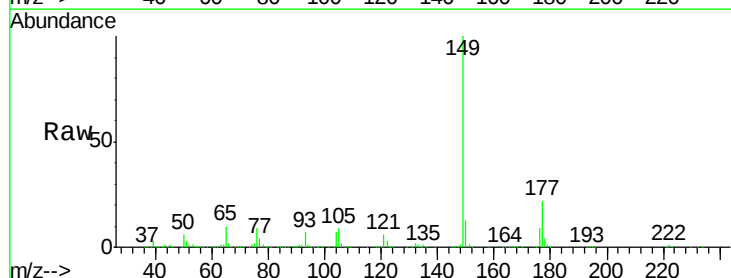
Manual Integrations
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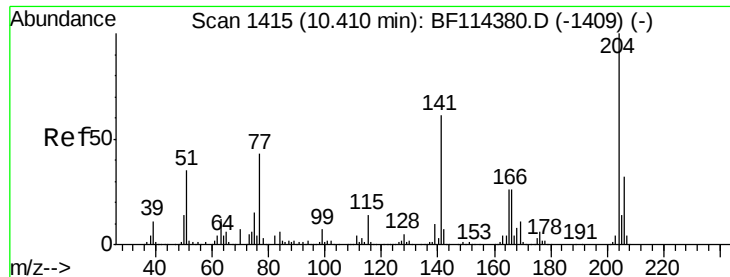
mohammad
 5/21/2019 2:16:12 PM



#60
 Diethylphthalate
 Concen: 43.273 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1185979		
177	22.0	17.8	26.6	
150	12.6	10.2	15.2	





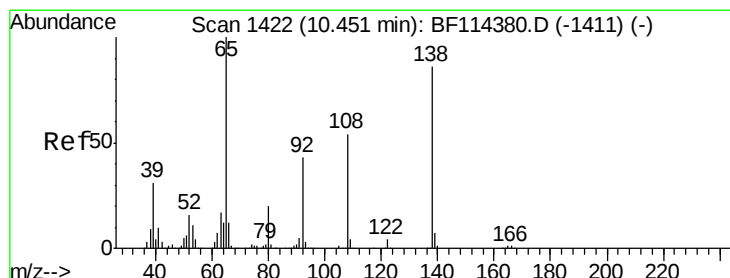
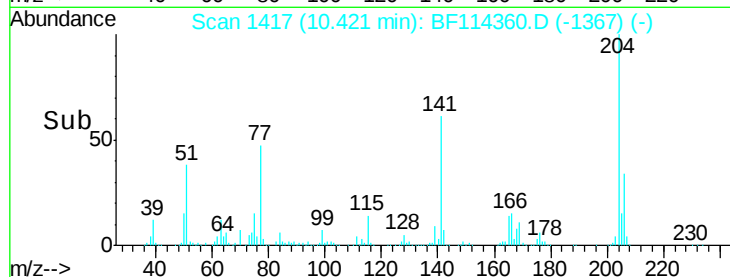
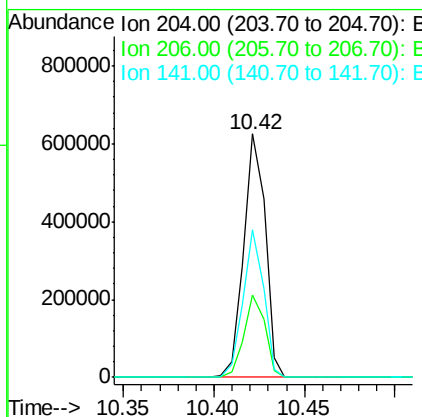
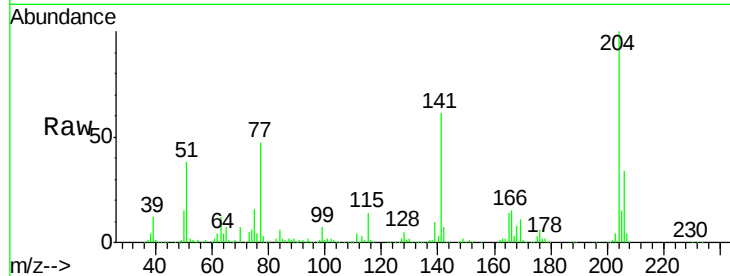
#61
 4-Chlorophenyl-phenylether
 Concen: 41.742 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	60.8	46.4	69.6

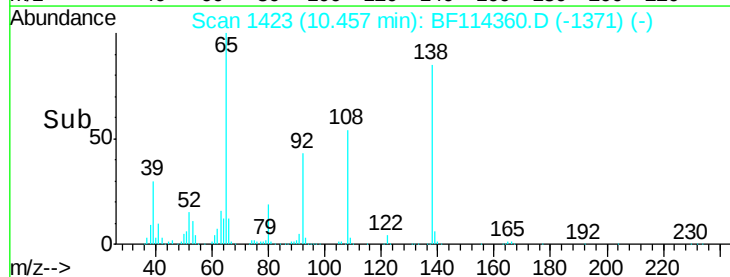
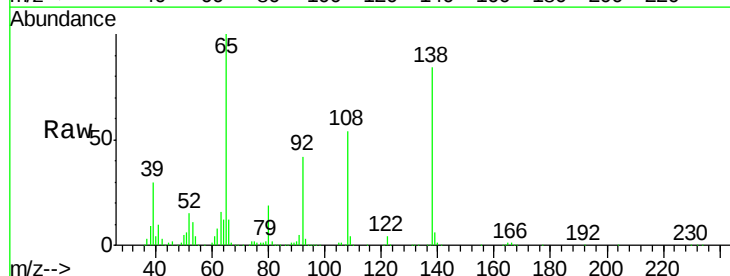
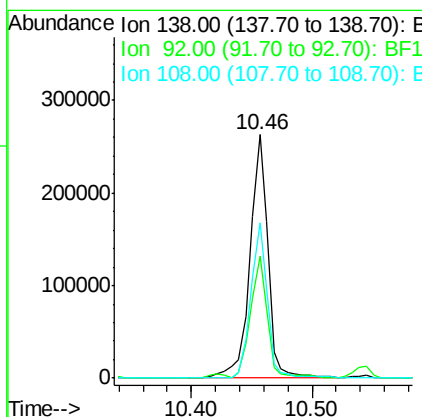
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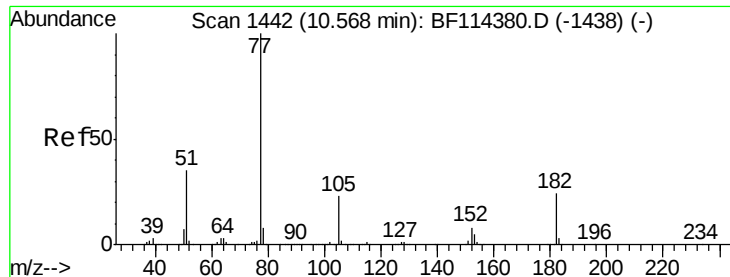
mohammad
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#62
 4-Nitroaniline
 Concen: 35.327 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	33.0	73.0
108	63.9	44.9	84.9





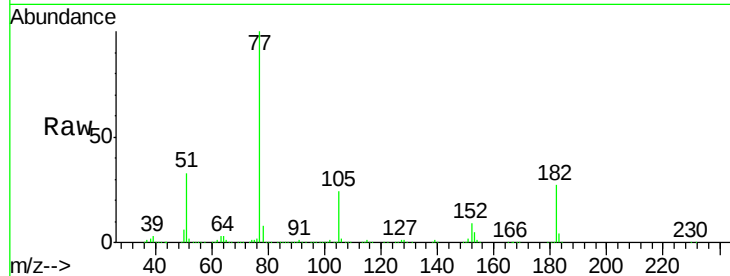
#63
Azobenzene
Concen: 42.636 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.7	44.7
105	23.9	2.9	42.9
51	32.8	14.6	54.6

Manual Integrations
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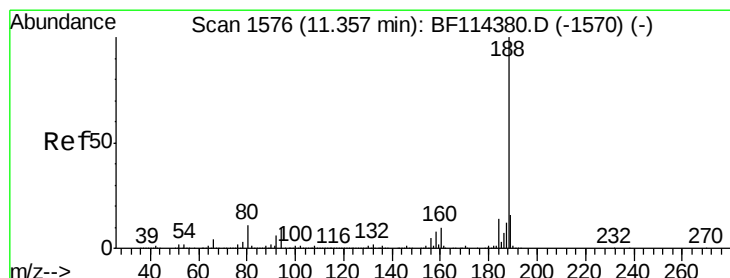
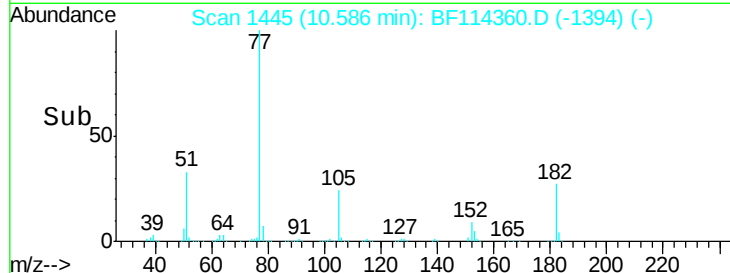
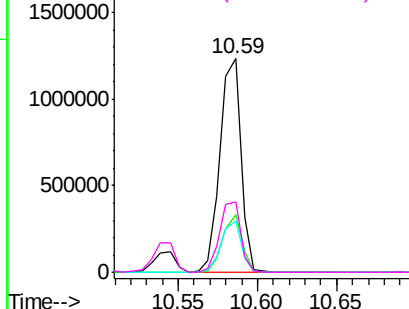


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



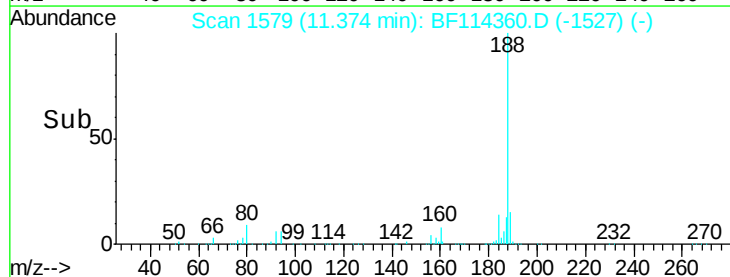
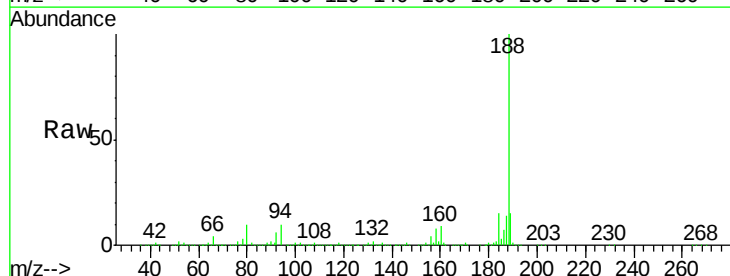
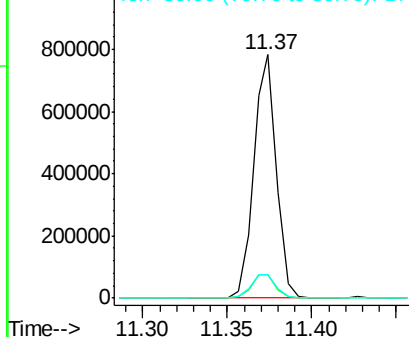
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

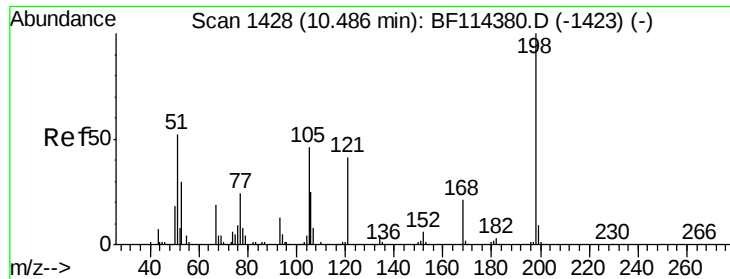
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	9.9	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





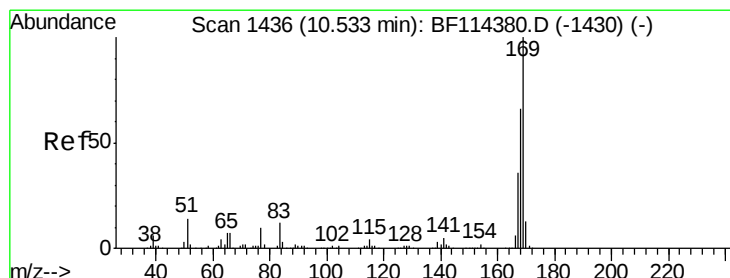
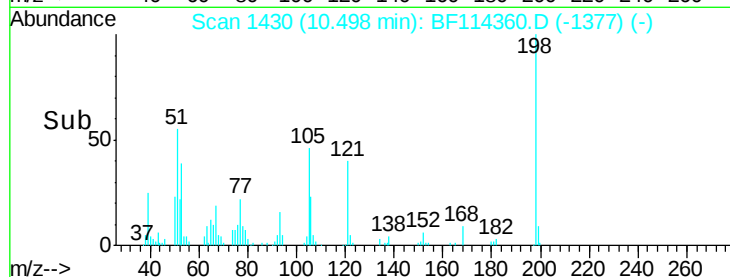
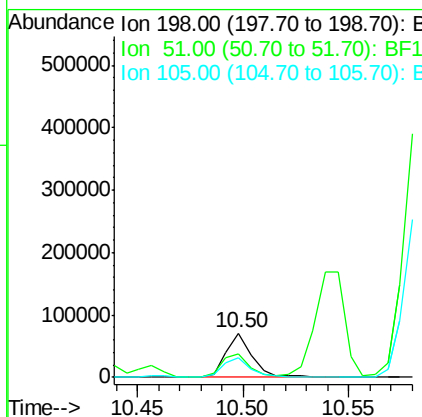
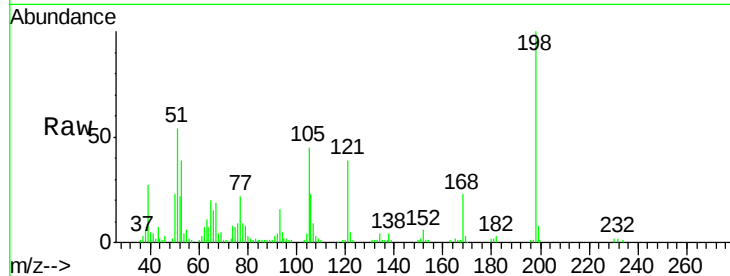
#65
 4,6-Dinitro-2-methylphenol
 Concen: 17.226 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60205		
51	54.2	28.0	68.0	
105	44.6	21.1	61.1	

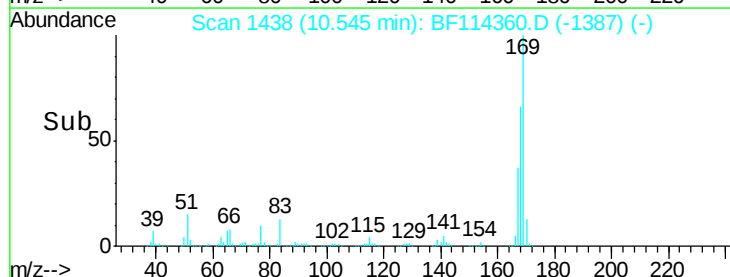
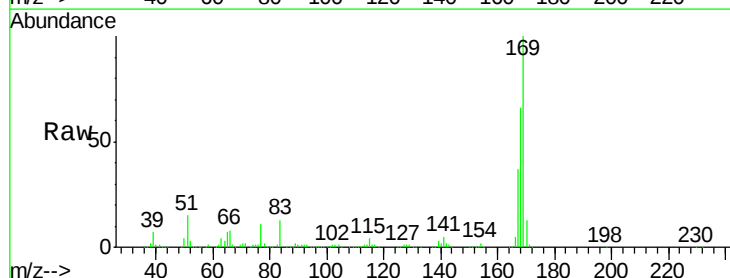
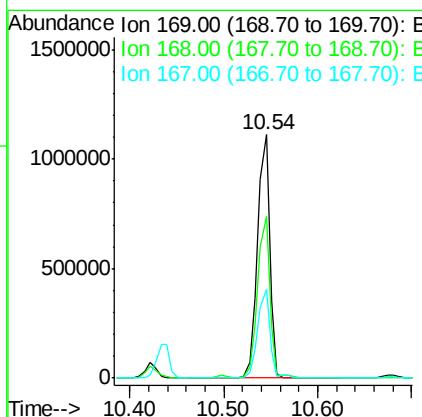
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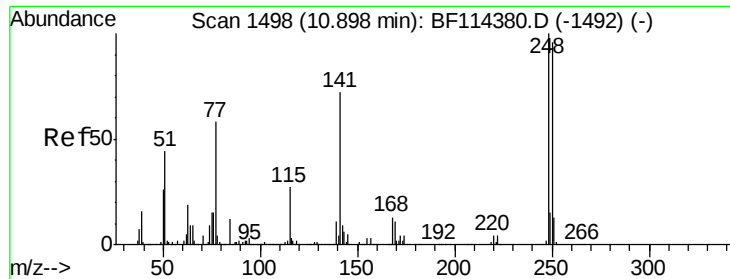
mohammad
 5/21/2019 2:16:12 PM



#66
 n-Nitrosodiphenylamine
 Concen: 45.706 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1008969		
168	66.5	54.2	81.2	
167	36.5	29.8	44.8	





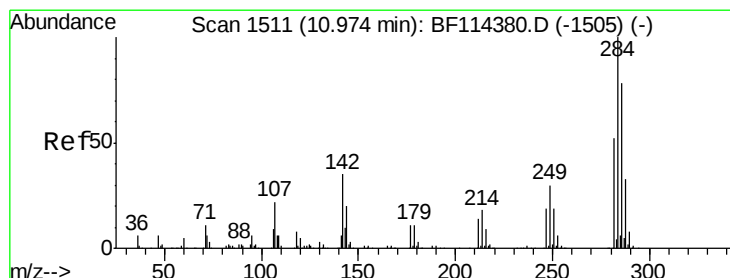
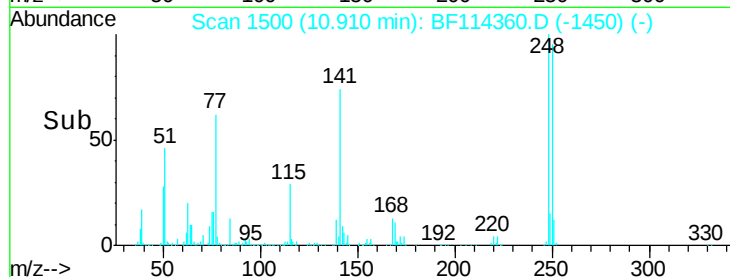
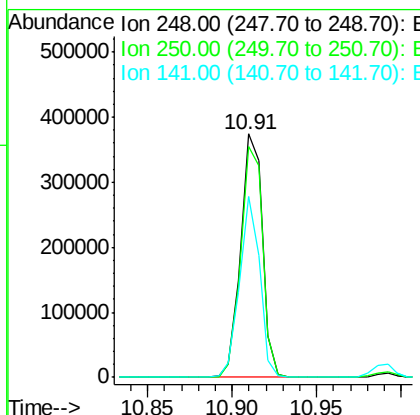
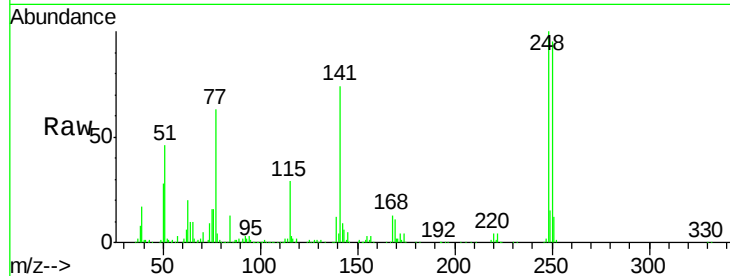
#67
 4-Bromophenyl-phenylether
 Concen: 41.829 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.4	116.2
141	74.2	55.6	83.4

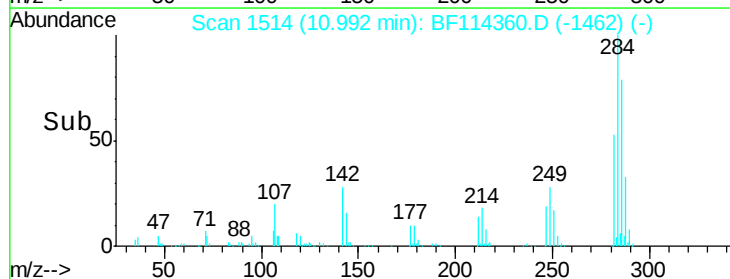
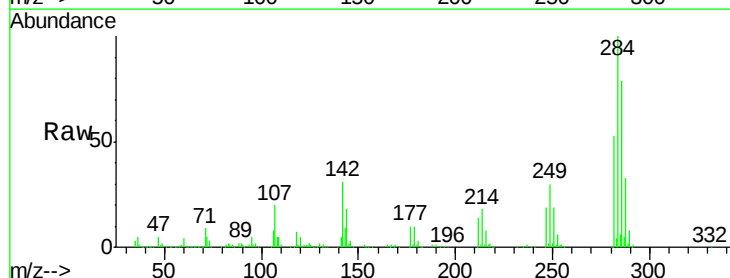
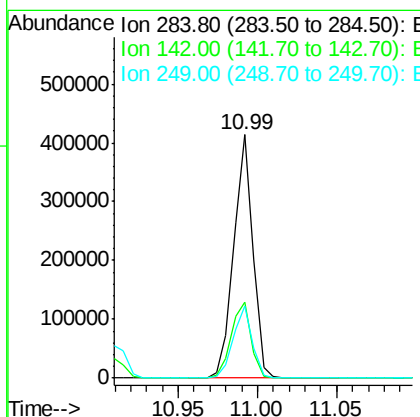
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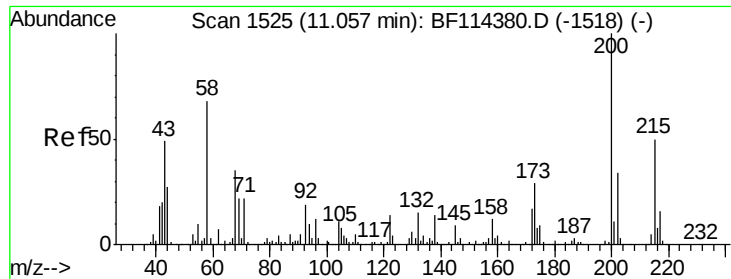
mohammad
 5/21/2019 2:16:12 PM



#68
 Hexachlorobenzene
 Concen: 39.273 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	28.4	42.6
249	29.7	25.2	37.8





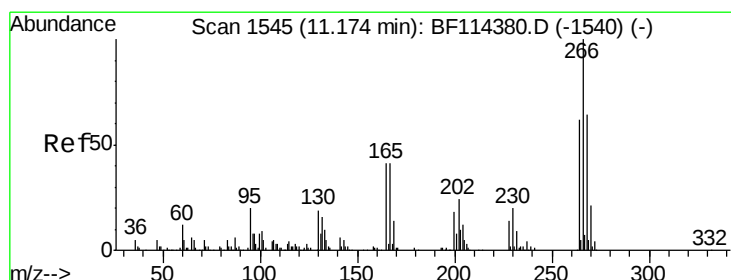
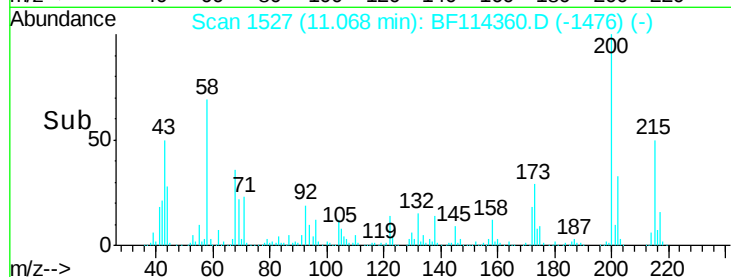
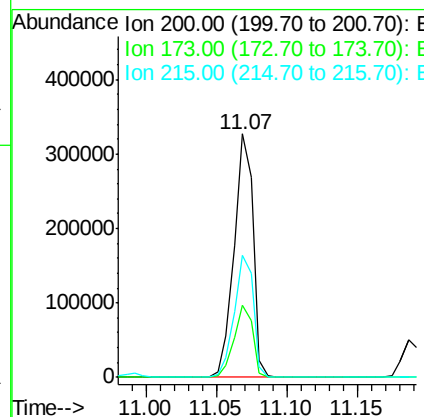
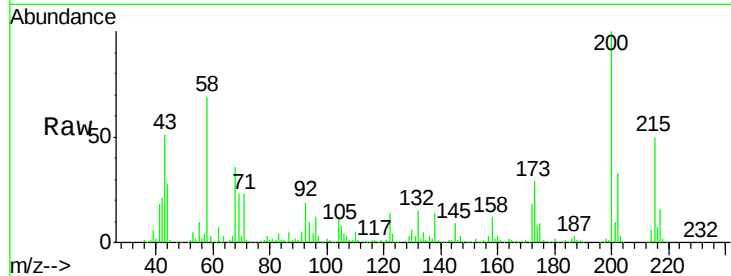
#69
Atrazine
Concen: 44.578 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	306239		
173	29.5	8.9	48.9	
215	50.3	30.7	70.7	

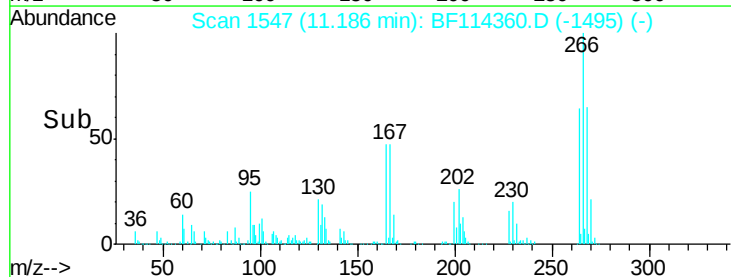
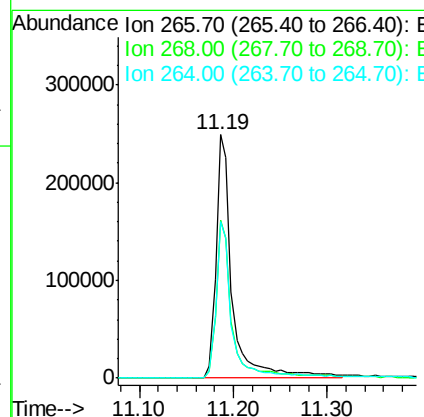
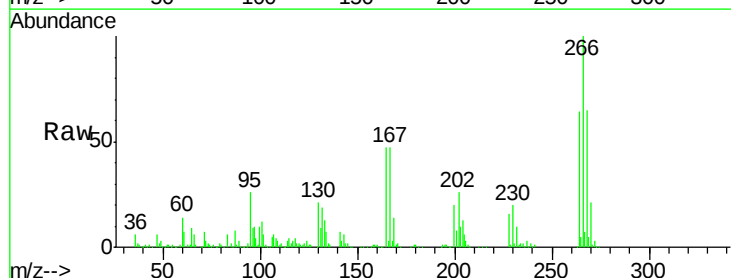
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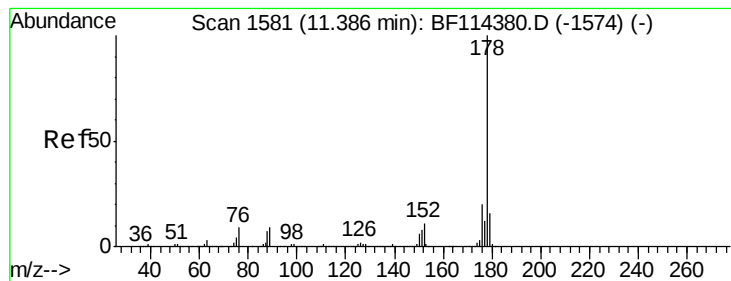
mohammad
5/21/2019 2:16:12 PM



#70
Pentachlorophenol
Concen: 73.329 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	307966		
268	65.0	51.1	76.7	
264	64.3	51.1	76.7	





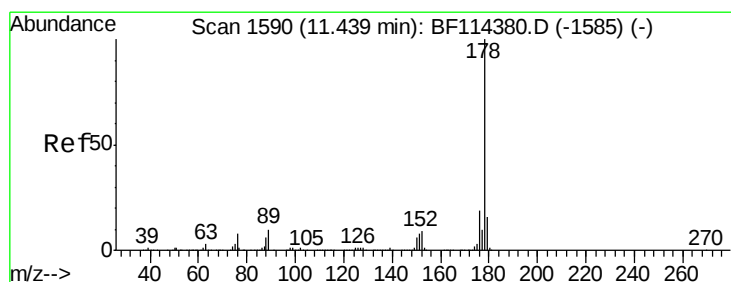
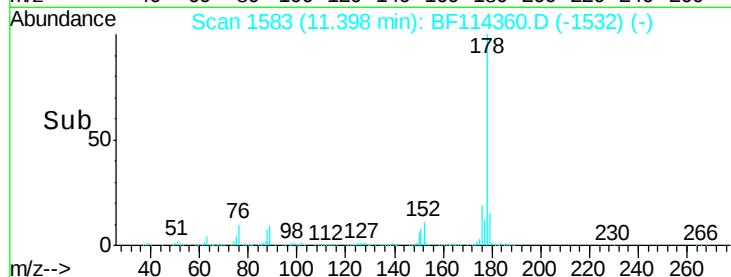
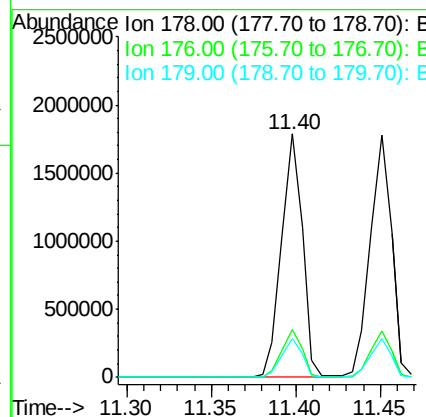
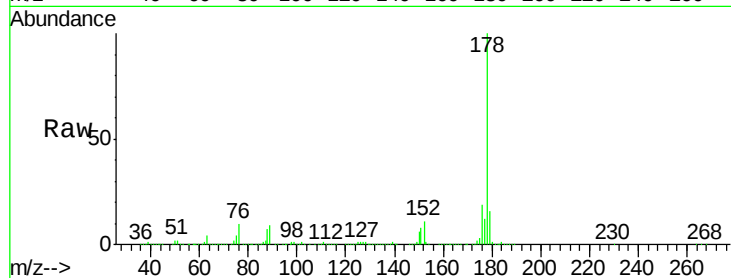
#71
Phenanthrene
Concen: 43.658 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion:178 Resp: 1544920
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.9 13.2 19.8

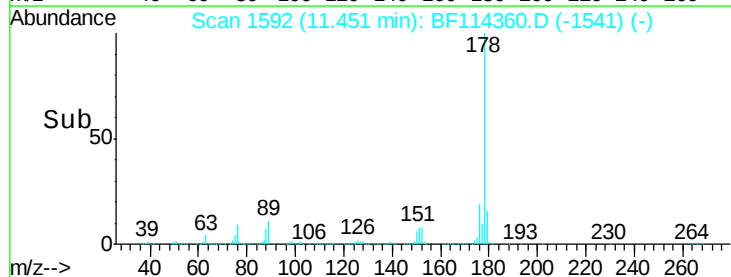
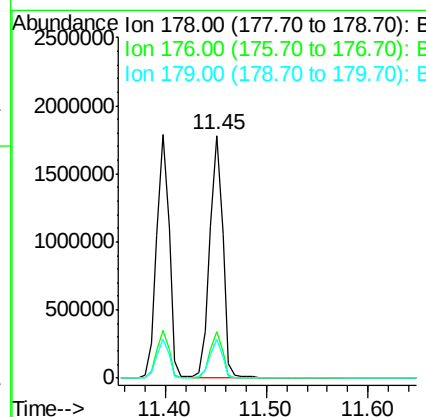
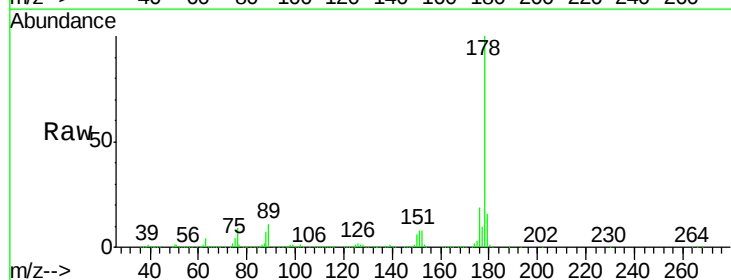
Manual Integrations
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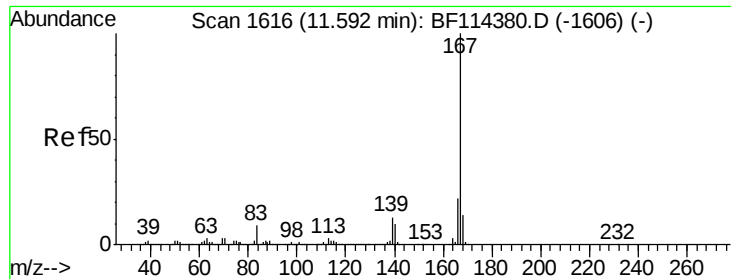
mohammad
5/21/2019 2:16:12 PM



#72
Anthracene
Concen: 44.771 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion:178 Resp: 1591298
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 16.0 13.0 19.4





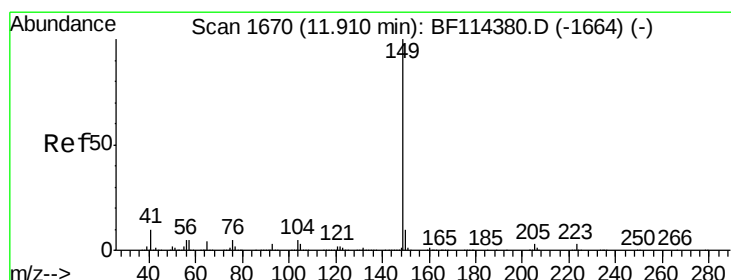
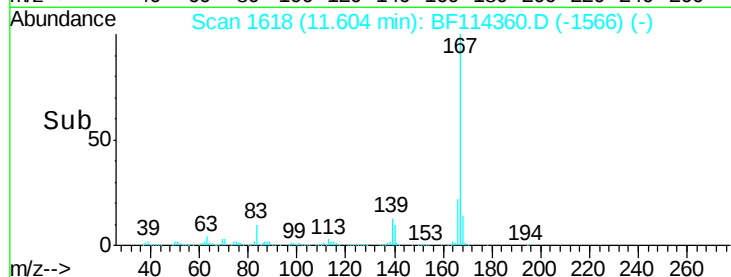
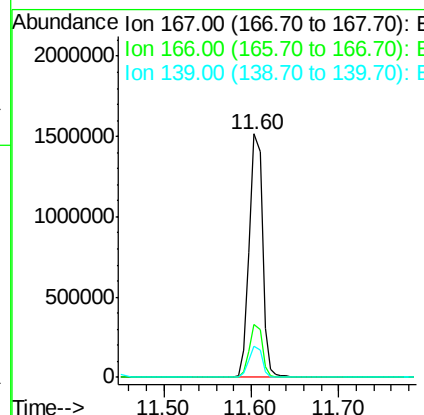
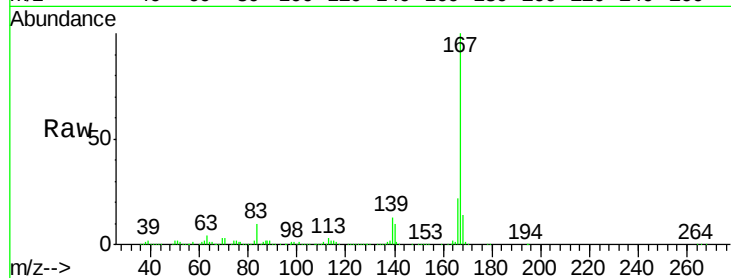
#73
 Carbazole
 Concen: 44.710 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	12.7	10.6	16.0

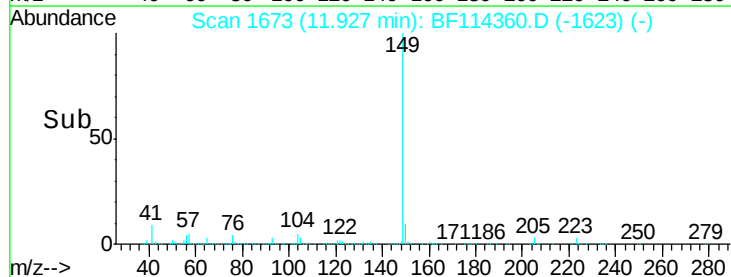
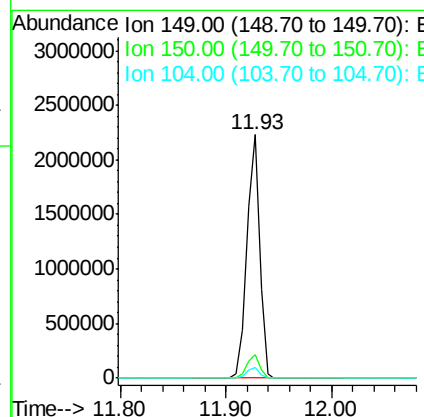
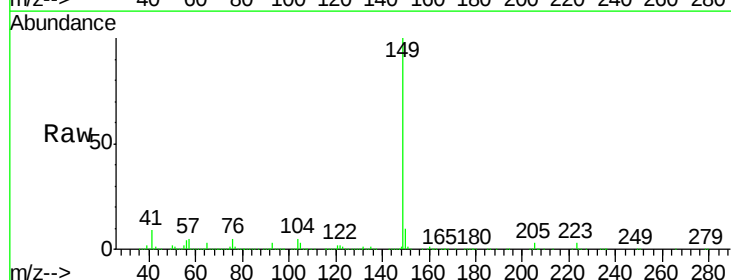
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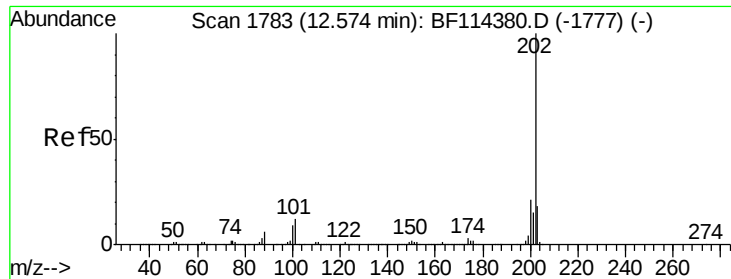
mohammad
 5/21/2019 2:16:12 PM



#74
 Di-n-butylphthalate
 Concen: 46.636 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 41.731 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

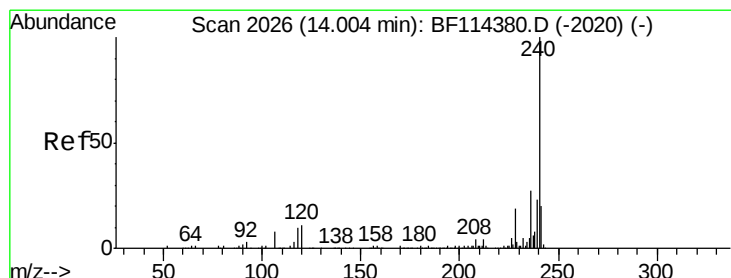
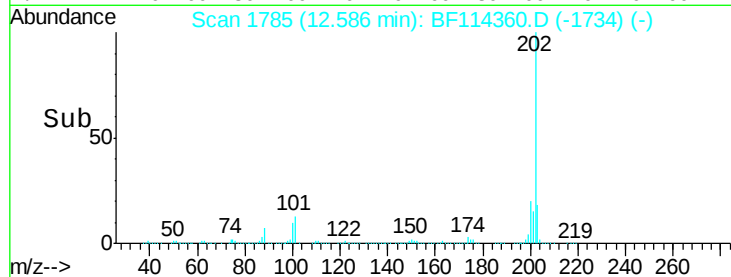
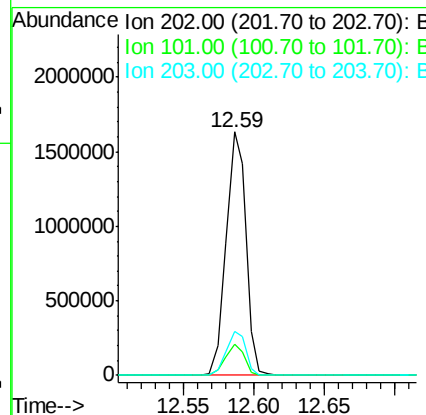
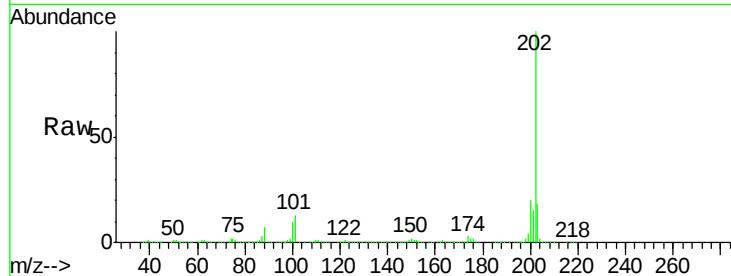
ClientSampleId :

SB-04-9-10MSD

Tgt Ion:	202	Resp:	1590241
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.0
203	18.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

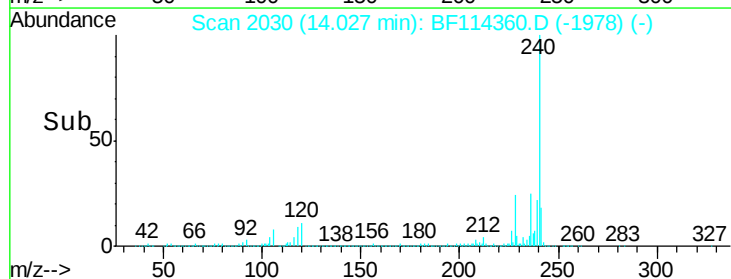
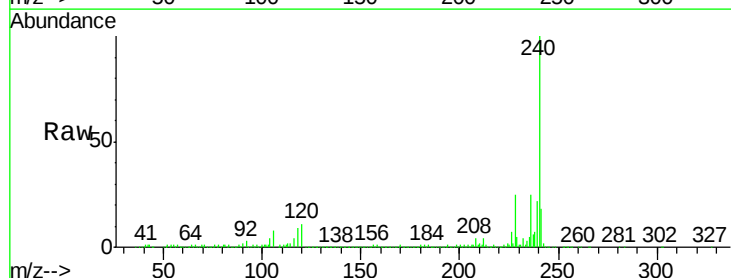
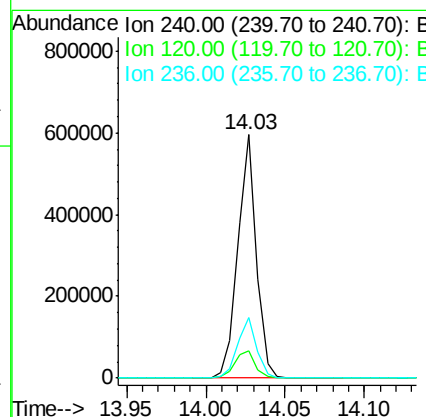
RT: 14.03 min Scan# 2030

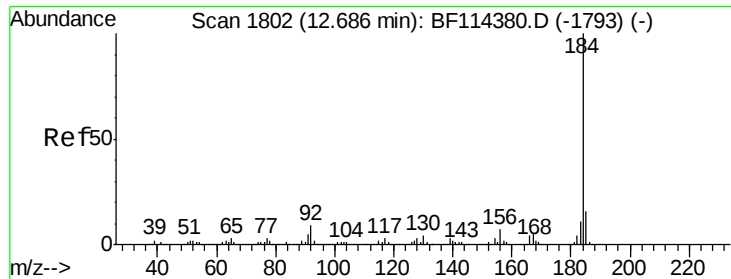
Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:	240	Resp:	485570
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.9	20.8	31.2





#77

Benzidine

Concen: 47.667 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

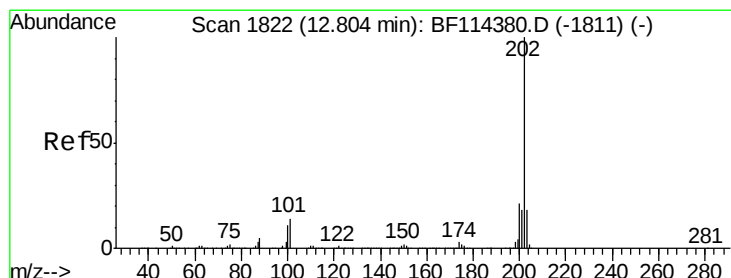
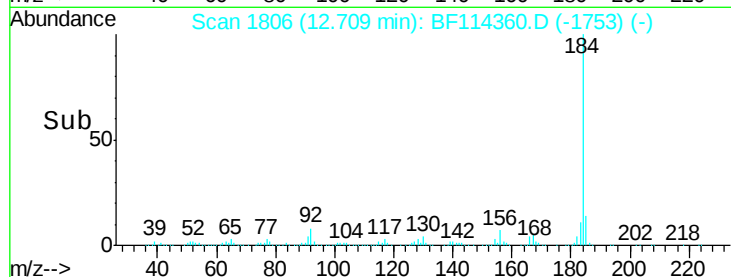
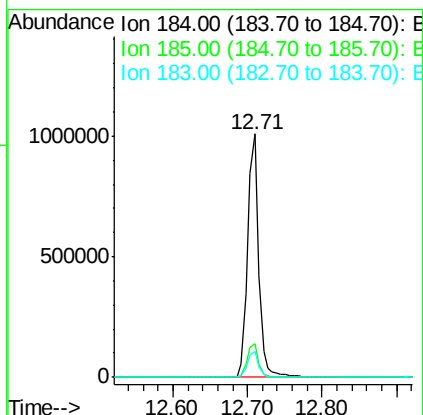
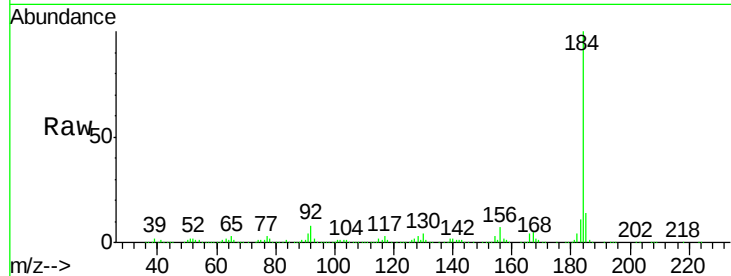
ClientSampled :

SB-04-9-10MSD

Tgt Ion:	184	Resp:	1038981
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.6	20.4
183	10.9	9.2	13.8

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#78

Pyrene

Concen: 40.677 ng

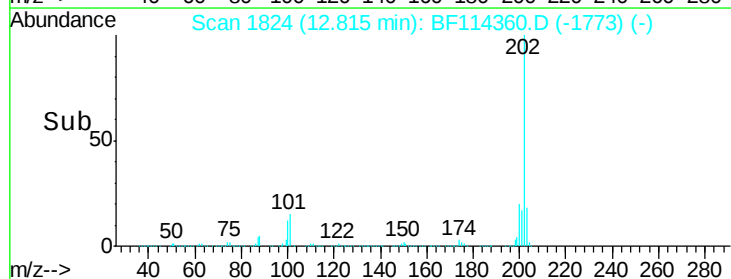
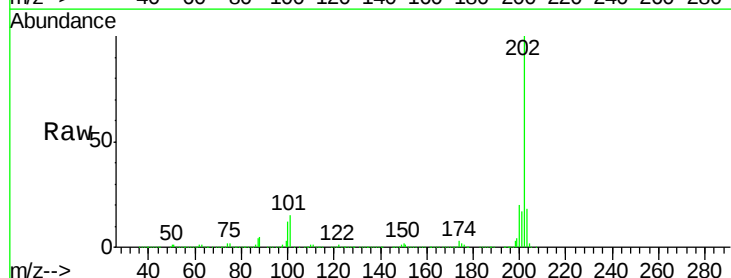
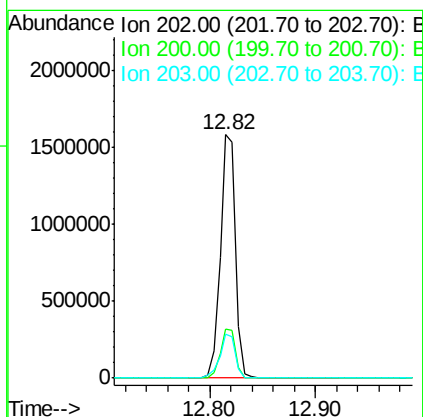
RT: 12.82 min Scan# 1824

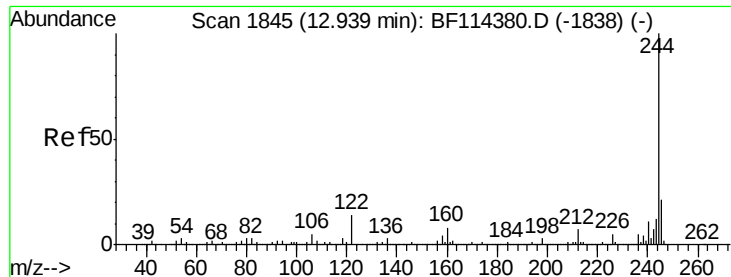
Delta R.T. -0.00 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:	202	Resp:	1588898
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.9	25.3
203	18.3	14.5	21.7





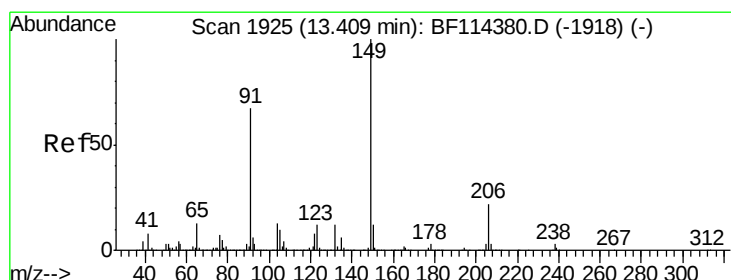
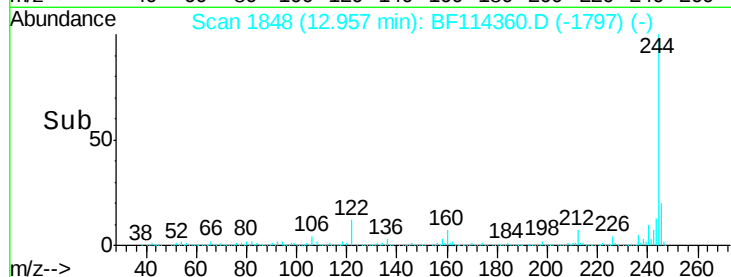
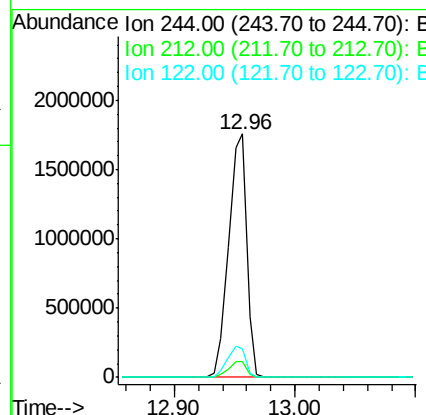
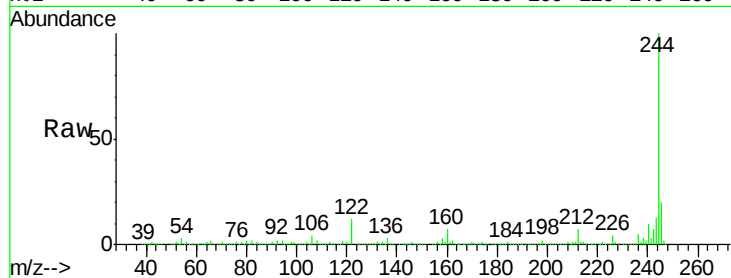
#79
 Terphenyl-d14
 Concen: 77.078 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-9-10MSD

Tgt Ion: 244 Resp: 1815578
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 11.7 9.4 14.2

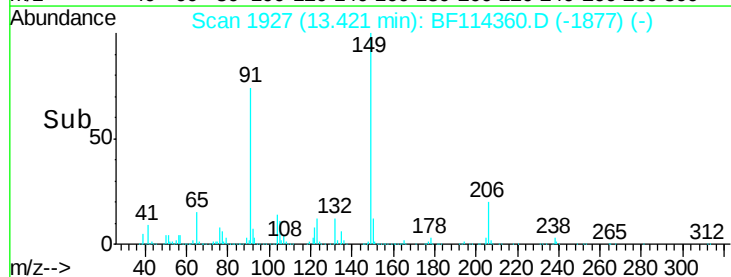
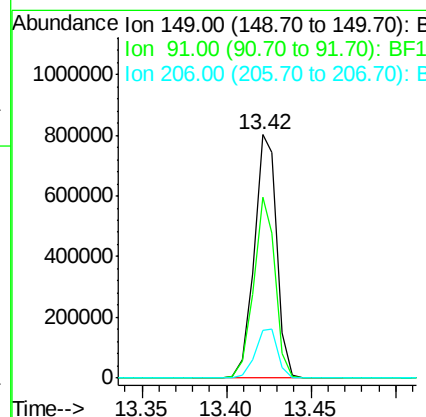
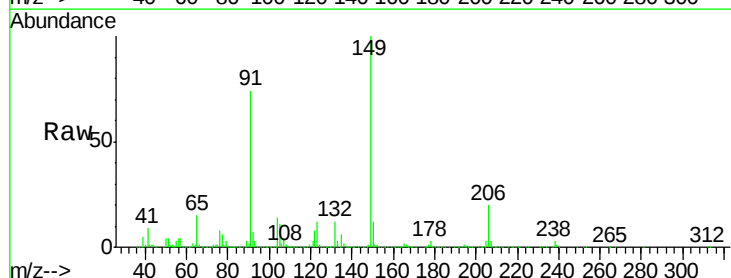
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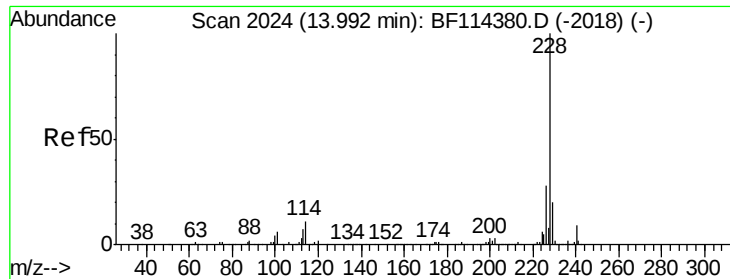
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.411 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114360.D
 Acq: 17 May 2019 19:51

Tgt Ion: 149 Resp: 746630
 Ion Ratio Lower Upper
 149 100
 91 74.3 55.0 82.4
 206 19.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.289 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

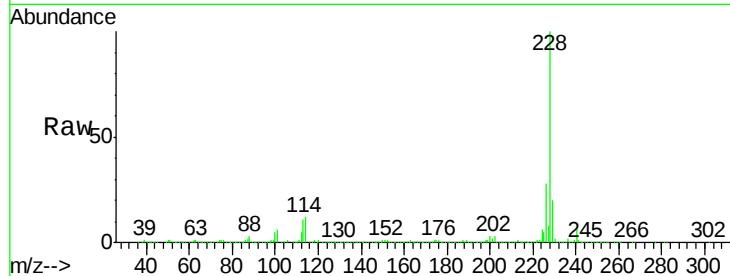
ClientSampleId :

SB-04-9-10MSD

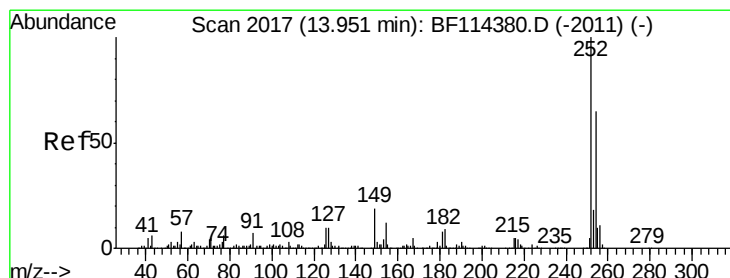
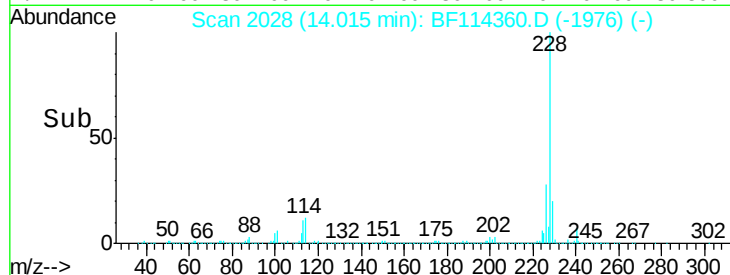
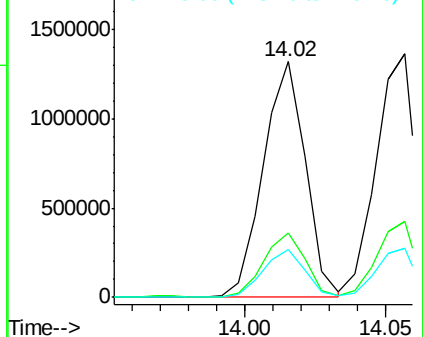
Tgt Ion:	228	Resp:	1359567
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.3	16.4	24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.015 ng

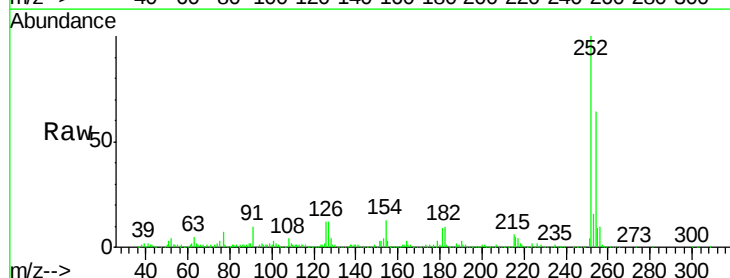
RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

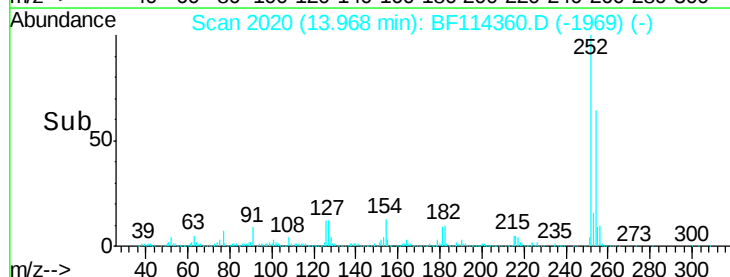
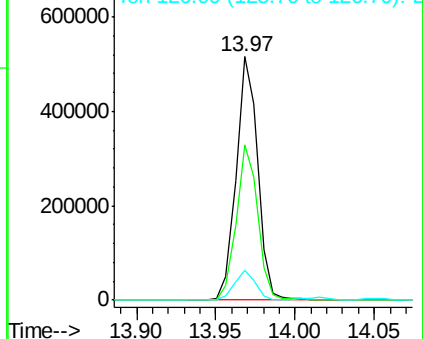
Lab File: BF114360.D

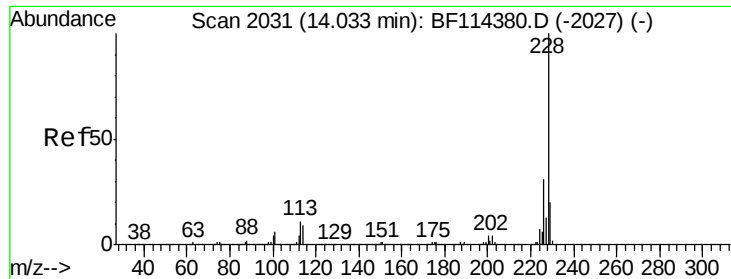
Acq: 17 May 2019 19:51

Tgt Ion:	252	Resp:	487515
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	12.3	7.9	11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





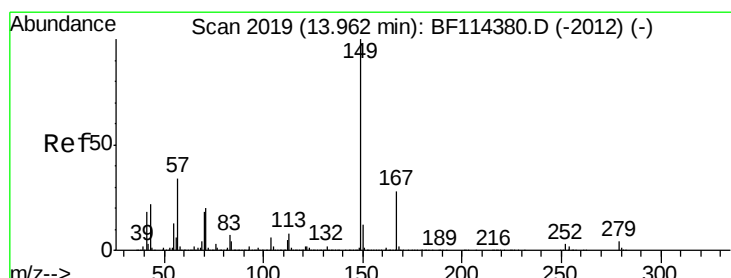
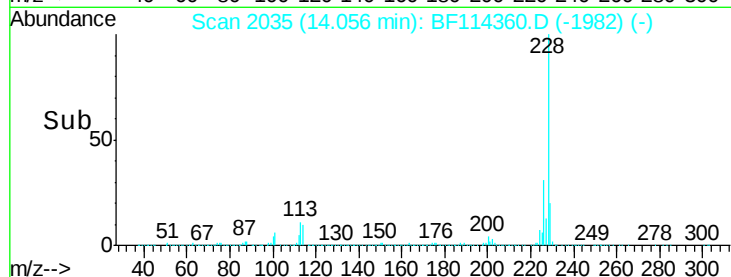
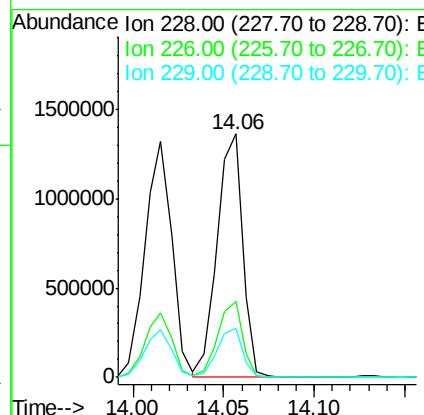
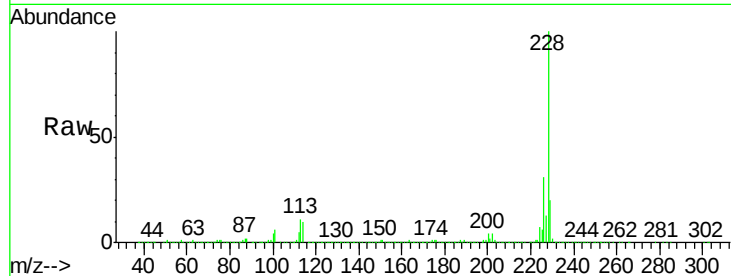
#83
Chrysene
Concen: 43.218 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion: 228 Resp: 1330551
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.0 17.0 25.6

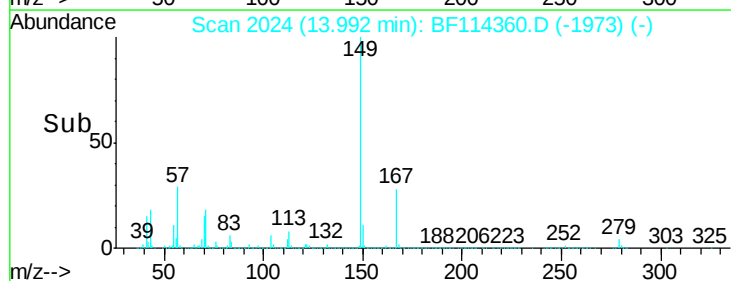
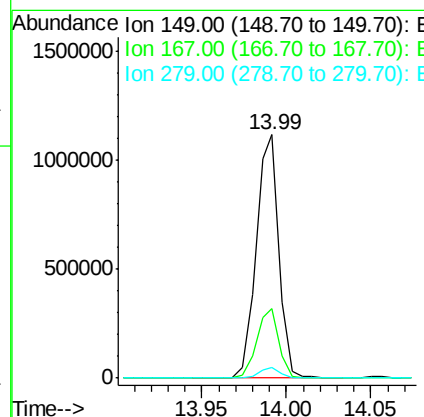
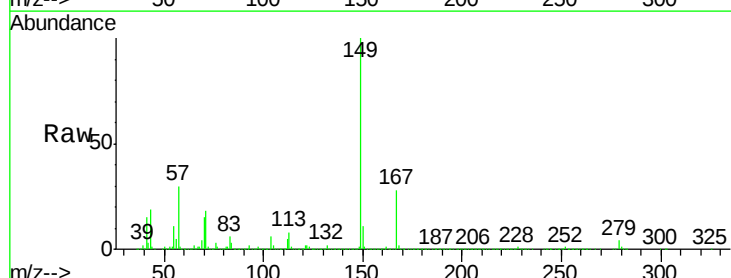
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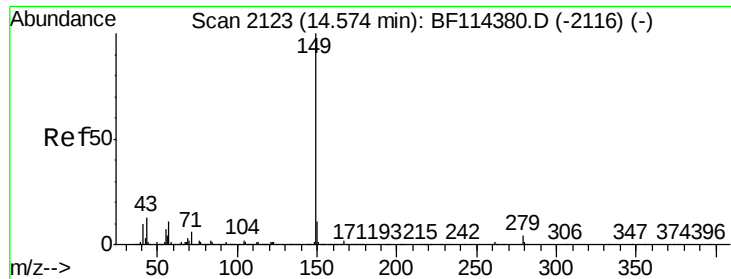
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.365 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion: 149 Resp: 1040014
Ion Ratio Lower Upper
149 100
167 28.4 22.6 33.8
279 4.3 3.0 4.6





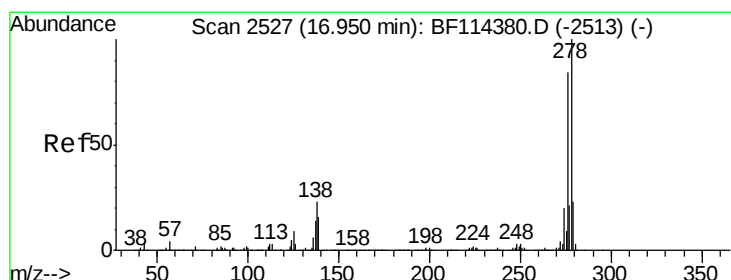
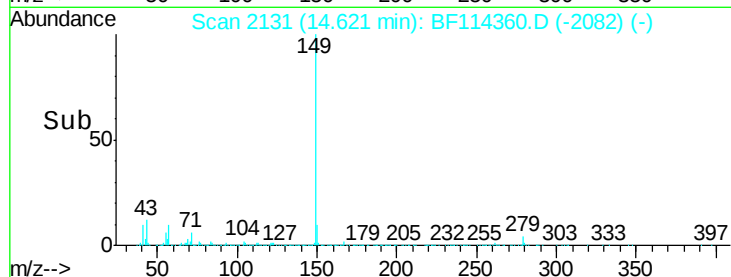
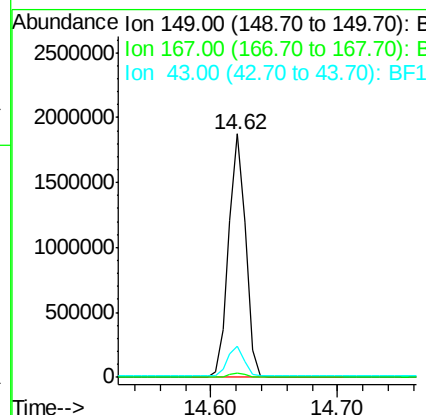
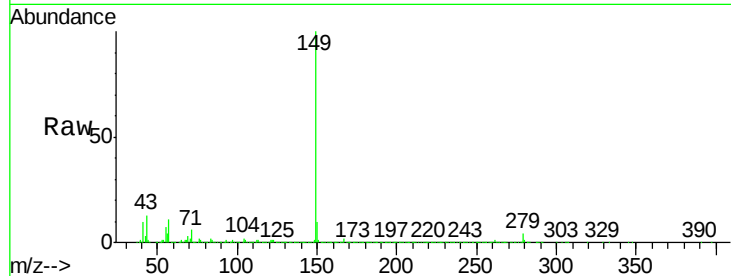
#85
Di-n-octyl phthalate
Concen: 49.735 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.3	10.1	15.1

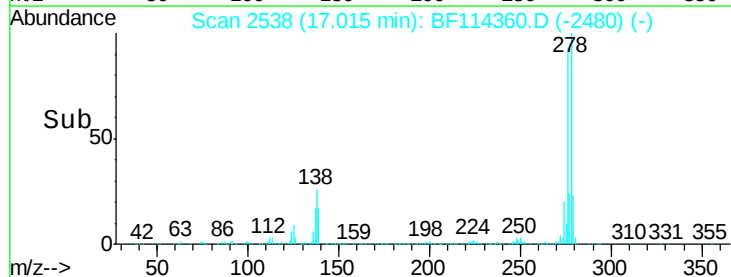
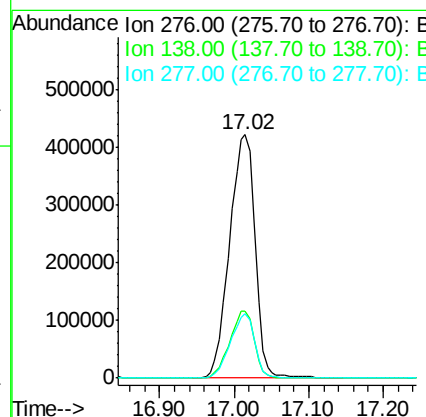
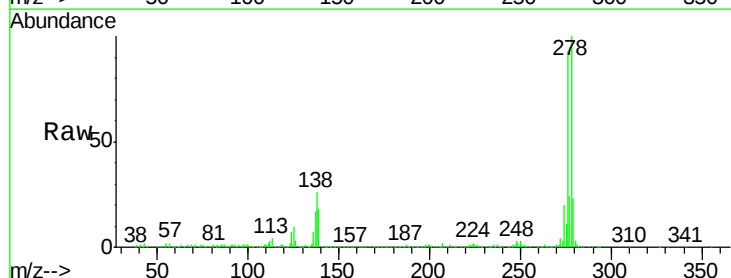
Manual Integrations
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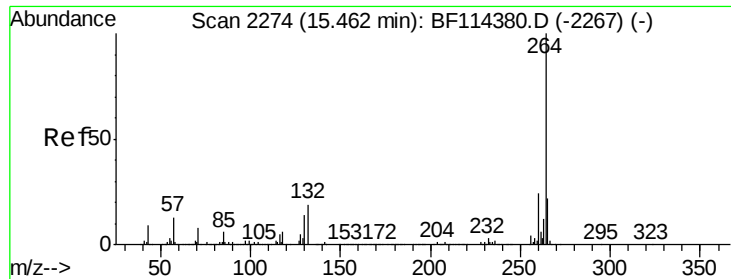
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.986 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.04 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.2	30.2
277	24.9	20.0	30.0





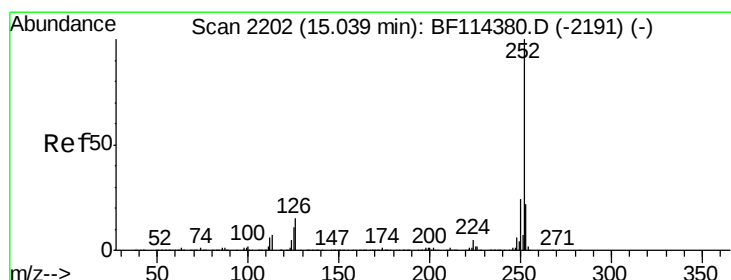
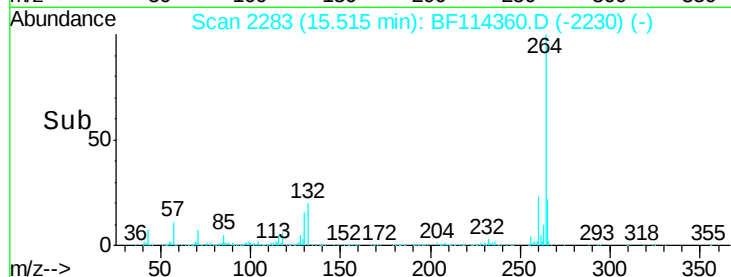
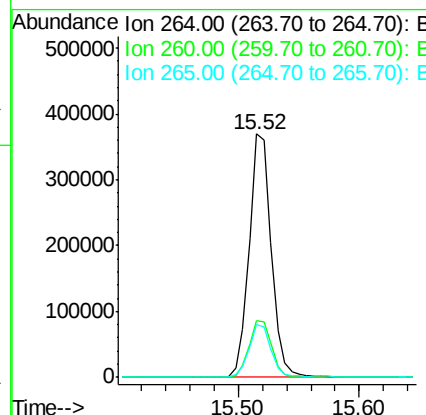
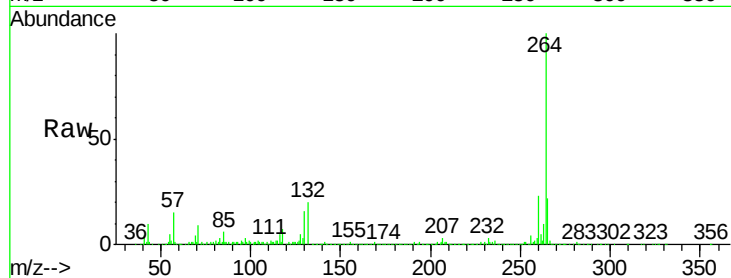
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	476253		
260	23.1	19.4	29.0	
265	21.7	16.9	25.3	

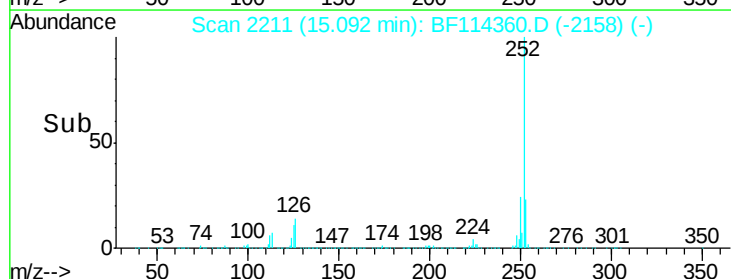
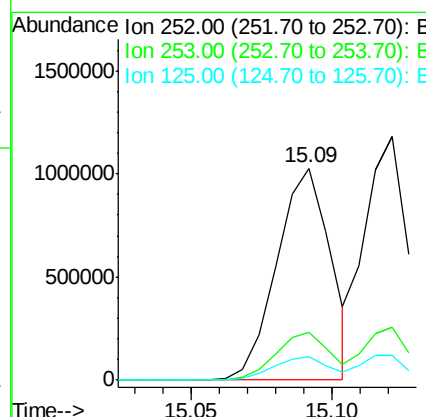
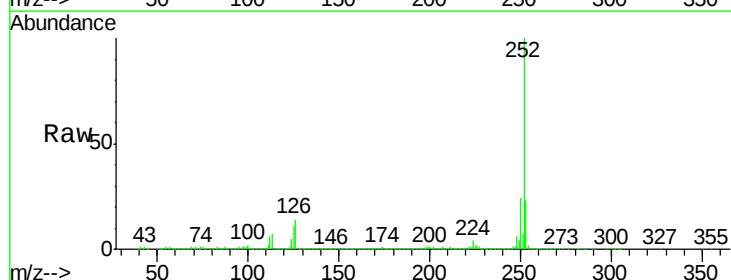
Manual Integrations
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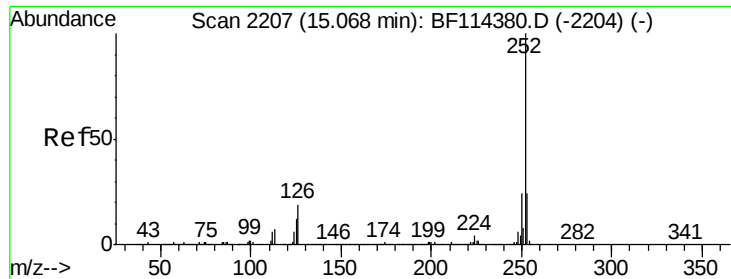
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.334 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1352692		
253	22.6	17.8	26.8	
125	10.8	8.3	12.5	





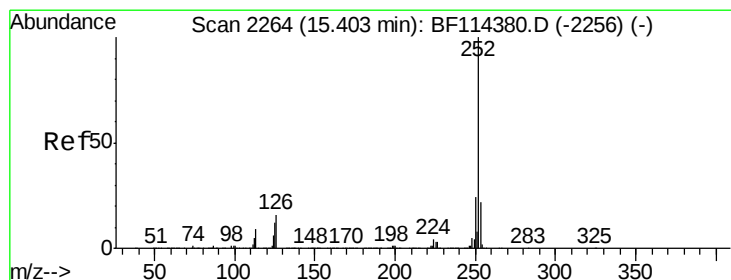
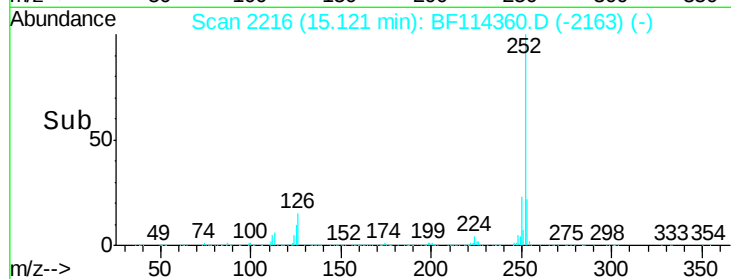
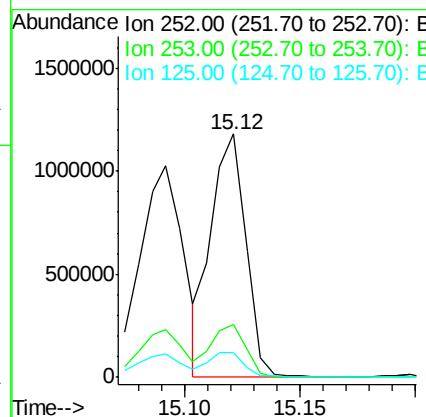
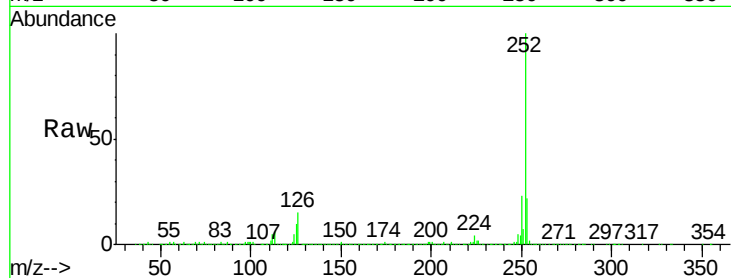
#89
Benzo(k)fluoranthene
Concen: 43.761 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Instrument :
BNA_F
ClientSampleId :
SB-04-9-10MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.2	8.6	13.0

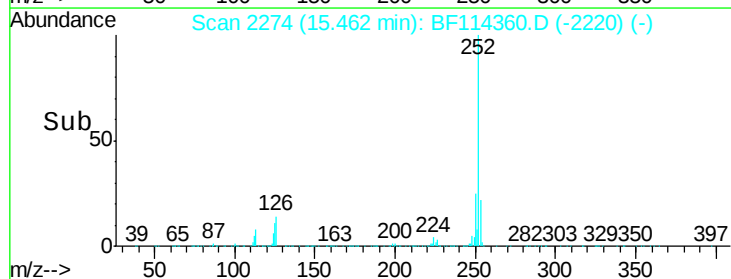
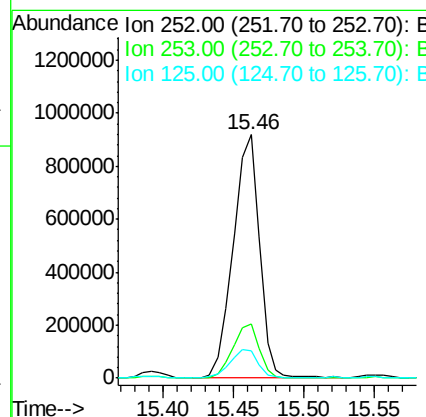
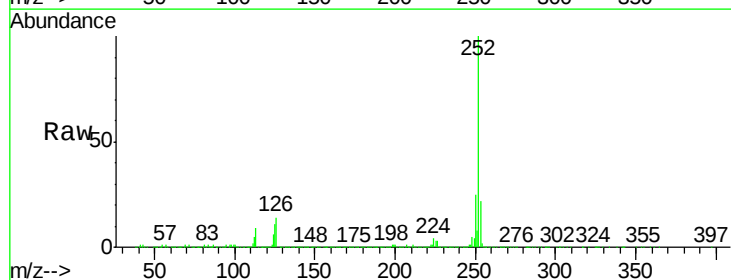
Manual Integrations
APPROVED

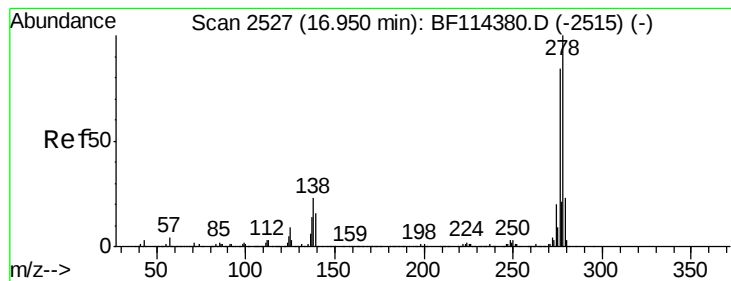
mohammad
5/21/2019 2:16:12 PM



#90
Benzo(a)pyrene
Concen: 44.360 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF114360.D
Acq: 17 May 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.4	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.968 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Instrument :

BNA_F

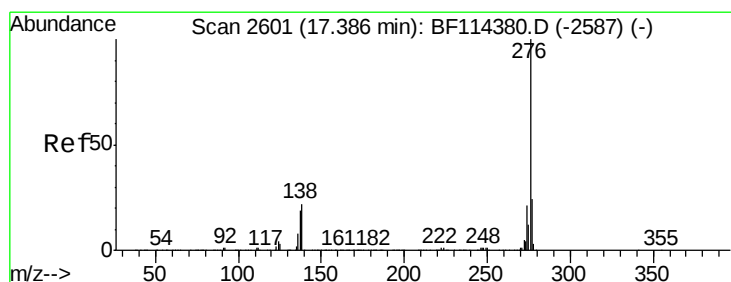
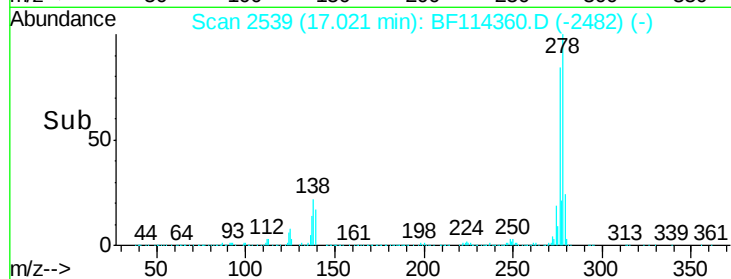
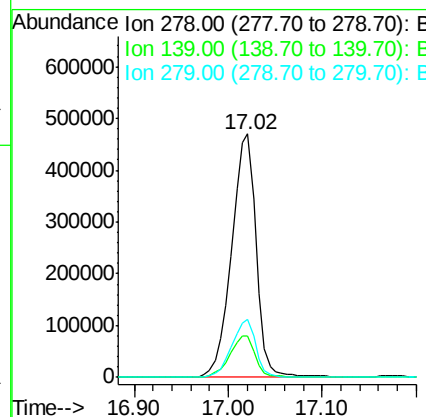
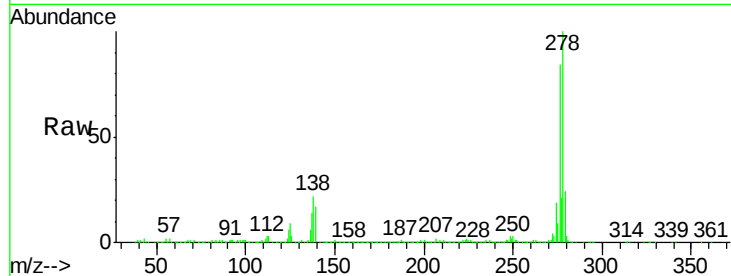
ClientSampleId :

SB-04-9-10MSD

Tgt Ion:	278	Resp:	847195
Ion Ratio	Lower	Upper	
278	100		
139	16.8	13.5	20.3
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/21/2019 2:16:12 PM



#92

Benzo(g,h,i)perylene

Concen: 35.833 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.04 min

Lab File: BF114360.D

Acq: 17 May 2019 19:51

Tgt Ion:	276	Resp:	801262
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.0	28.4
138	22.5	17.8	26.6

