

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114603.D
 Acq On : 25 May 2019 15:00
 Operator : JU/SJ
 Sample : PB119810BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:49:44 AM

Quant Time: May 27 00:28:29 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126626	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	483548	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	229585	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	465134	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	338651	20.00	ng	-0.02
87) Perylene-d12	15.42	264	351880	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1018457	129.43	ng	0.00
7) Phenol-d6	6.45	99	1262997	135.71	ng	-0.01
23) Nitrobenzene-d5	7.37	82	766546	88.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	311520	131.25	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1412744	93.08	ng	-0.02
79) Terphenyl-d14	12.90	244	1527807	93.00	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.59	88	193142	44.657	ng	98
3) Pyridine	3.35	79	355345	29.820	ng	99
4) n-Nitrosodimethylamine	3.29	42	192758	33.544	ng	98
6) Aniline	6.47	93	374658	27.869	ng	# 62
8) 2-Chlorophenol	6.59	128	365872	43.555	ng	95
9) Benzaldehyde	6.35	77	176737	27.127	ng	96
10) Phenol	6.46	94	448746	40.990	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	348066	41.878	ng	97
12) 1,3-Dichlorobenzene	6.74	146	387158	41.059	ng	98
13) 1,4-Dichlorobenzene	6.82	146	393729	41.438	ng	98
14) 1,2-Dichlorobenzene	6.97	146	365180	42.068	ng	98
15) Benzyl Alcohol	6.95	79	293271	40.404	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	628187	38.981	ng	57
17) 2-Methylphenol	7.07	107	286265	41.486	ng	# 91
18) Hexachloroethane	7.31	117	142596	39.982	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	251616	42.655	ng	96
20) 3+4-Methylphenols	7.22	107	381128	47.805	ng	# 65
22) Acetophenone	7.21	105	492591	45.984	ng	# 88
24) Nitrobenzene	7.39	77	383210	43.667	ng	96
25) Isophorone	7.62	82	687309	43.011	ng	99
26) 2-Nitrophenol	7.70	139	194335	45.643	ng	99
27) 2,4-Dimethylphenol	7.75	122	320730	47.963	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	441724	42.603	ng	99
29) 2,4-Dichlorophenol	7.96	162	301820	45.327	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	321356	42.441	ng	99
31) Naphthalene	8.10	128	1036811	45.902	ng	99
32) Benzoic acid	7.89	122	165465m	36.648	ng	
33) 4-Chloroaniline	8.16	127	274619	26.681	ng	97
34) Hexachlorobutadiene	8.22	225	183703	42.640	ng	98
35) Caprolactam	8.52	113	98256m	45.254	ng	
36) 4-Chloro-3-methylphenol	8.65	107	314268	46.888	ng	97
37) 2-Methylnaphthalene	8.80	142	701467	48.134	ng	97
38) 1-Methylnaphthalene	8.90	142	657293	47.894	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	319375	45.923	ng	99

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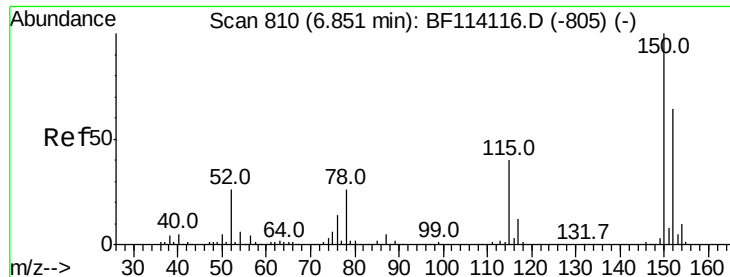
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Quant Time: May 27 00:28:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	138294	44.700	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	196050	40.984	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	197339	40.226	ng	96
46) 1,1'-Biphenyl	9.26	154	861109	46.428	ng	98
47) 2-Chloronaphthalene	9.29	162	642974	43.075	ng	99
48) 2-Nitroaniline	9.39	65	214730	40.563	ng	99
49) Acenaphthylene	9.70	152	1030221	45.379	ng	99
50) Dimethylphthalate	9.56	163	736272	43.686	ng	100
51) 2,6-Dinitrotoluene	9.63	165	165117	44.171	ng	98
52) Acenaphthene	9.87	154	603729	43.336	ng	100
53) 3-Nitroaniline	9.80	138	130763	28.180	ng	98
54) 2,4-Dinitrophenol	9.92	184	132797	71.438	ng	99
55) Dibenzofuran	10.05	168	885227	43.334	ng	99
56) 4-Nitrophenol	9.99	139	166597	50.767	ng	98
57) 2,4-Dinitrotoluene	10.04	165	206672	40.734	ng	# 76
58) Fluorene	10.39	166	728748	46.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	170526	40.286	ng	99
60) Diethylphthalate	10.26	149	761039	44.442	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	352560	45.492	ng	97
62) 4-Nitroaniline	10.42	138	178563	36.620	ng	99
63) Azobenzene	10.54	77	723762	43.664	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	94976	42.494	ng	88
66) n-Nitrosodiphenylamine	10.50	169	644767	45.673	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	217877	42.543	ng	97
68) Hexachlorobenzene	10.95	284	233419	41.200	ng	92
69) Atrazine	11.02	200	190404	43.341	ng	98
70) Pentachlorophenol	11.15	266	159615	59.431	ng	96
71) Phenanthrene	11.35	178	1026716	45.371	ng	99
72) Anthracene	11.40	178	1074504	47.274	ng	98
73) Carbazole	11.56	167	1009606	46.581	ng	98
74) Di-n-butylphthalate	11.88	149	1214209	48.625	ng	99
75) Fluoranthene	12.54	202	1145158	46.993	ng	99
77) Benzidine	12.66	184	586153	38.559	ng	97
78) Pyrene	12.77	202	1157743	42.497	ng	99
80) Butylbenzylphthalate	13.37	149	539491	47.048	ng	99
81) Benzo(a)anthracene	13.96	228	991739	45.277	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	270380	31.820	ng	99
83) Chrysene	14.00	228	976251	45.466	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	763739	50.926	ng	99
85) Di-n-octyl phthalate	14.54	149	1278362	52.583	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	908463	47.873	ng	100
88) Benzo(b)fluoranthene	15.00	252	959284	42.553	ng	100
89) Benzo(k)fluoranthene	15.03	252	971633	46.920	ng	98
90) Benzo(a)pyrene	15.37	252	920198	46.381	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	761105	46.166	ng	98
92) Benzo(g,h,i)perylene	17.33	276	779941	47.207	ng	97

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



#1

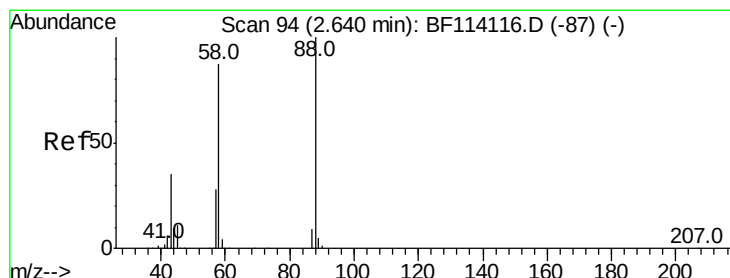
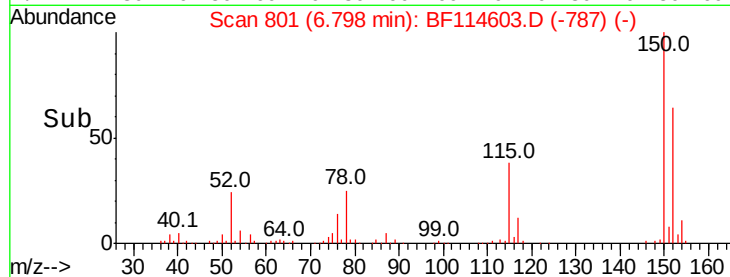
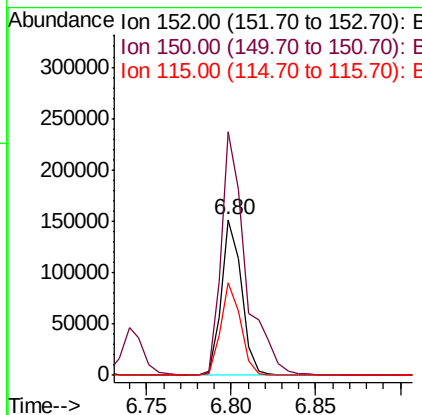
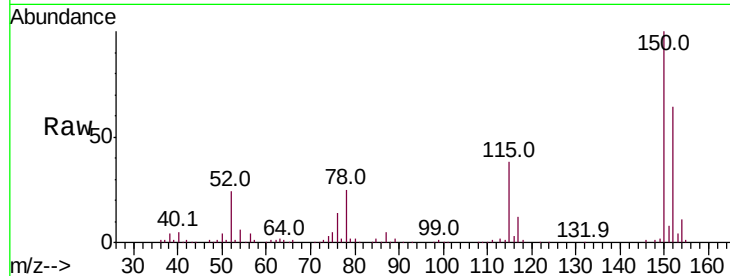
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	59.1	49.1	73.7

Manual Integrations
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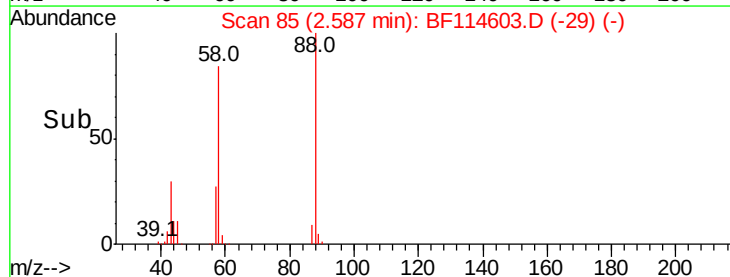
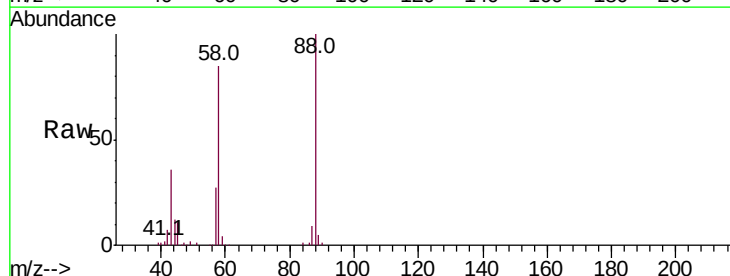
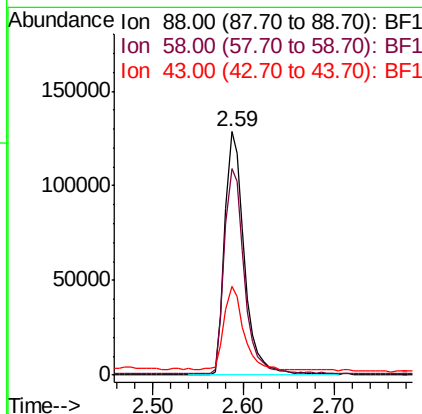
mohammad
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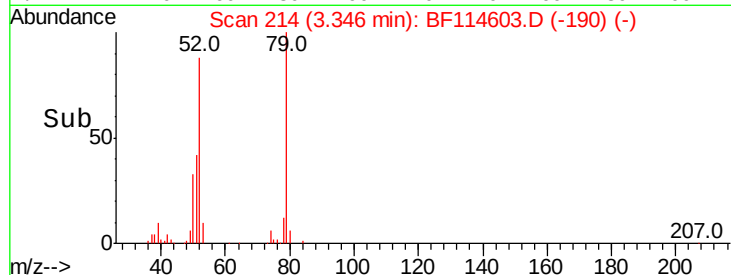
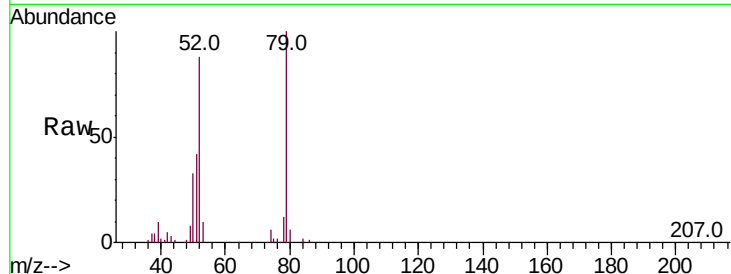
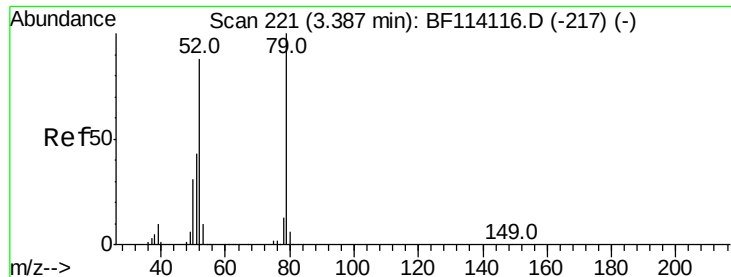


#2

1,4-Dioxane
Concen: 44.657 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	68.7	103.1
43	33.1	28.2	42.2





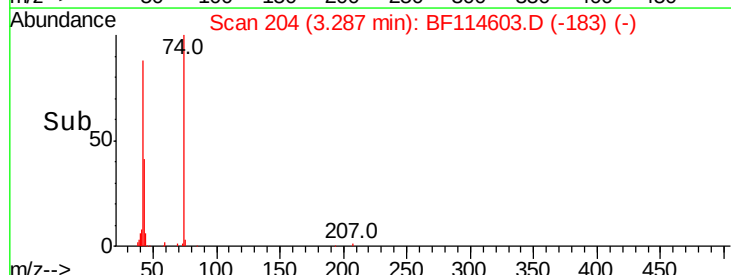
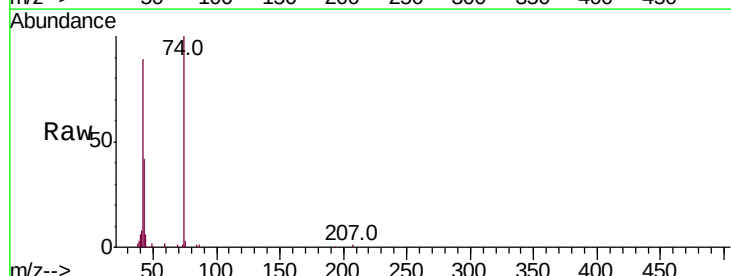
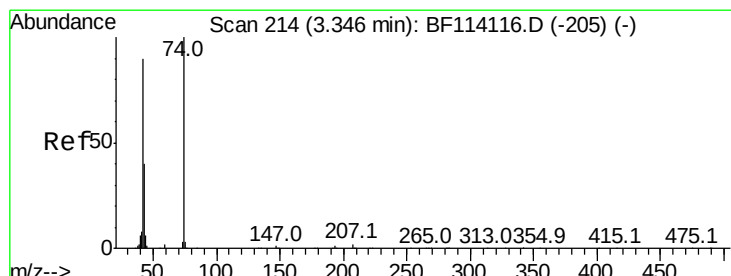
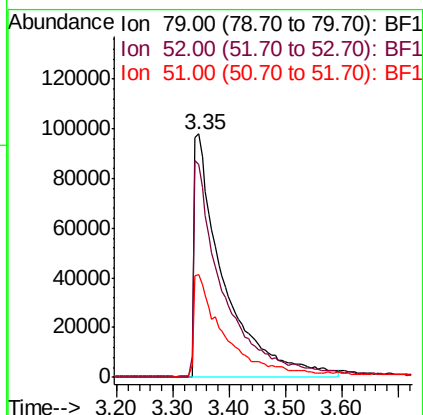
#3
Pvridine
Concen: 29.820 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.04 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.6	70.6	105.8
51	42.2	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB119810BS

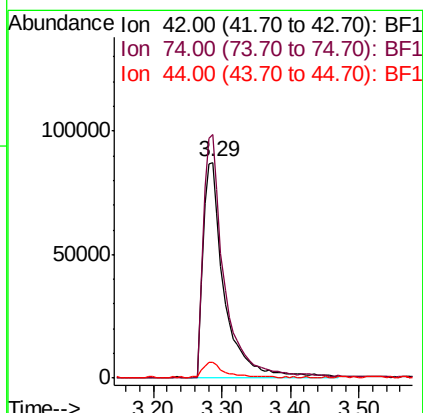
Manual Integrations
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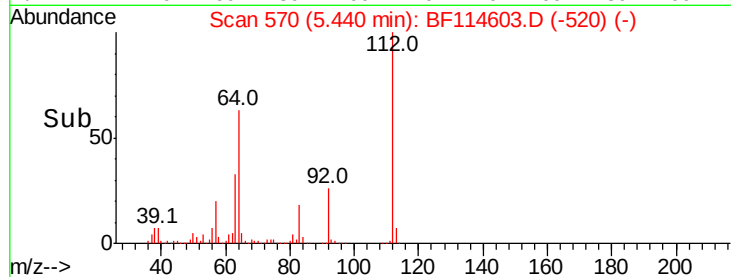
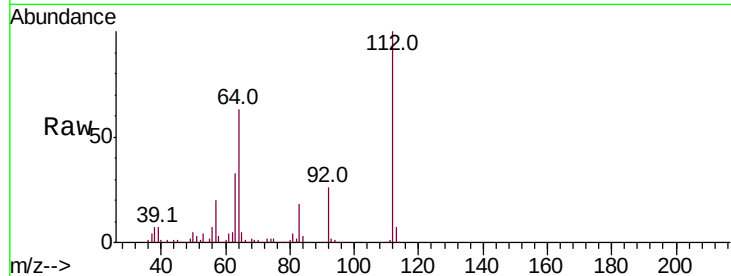
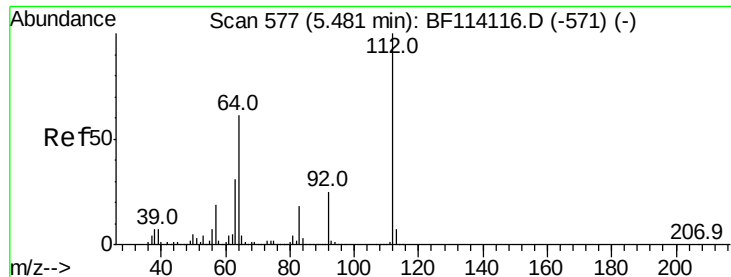
mohammad
5/27/2019 3:49:44 AM



#4
n-Nitrosodimethylamine
Concen: 33.544 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.7	88.6	132.8
44	7.2	5.5	8.3





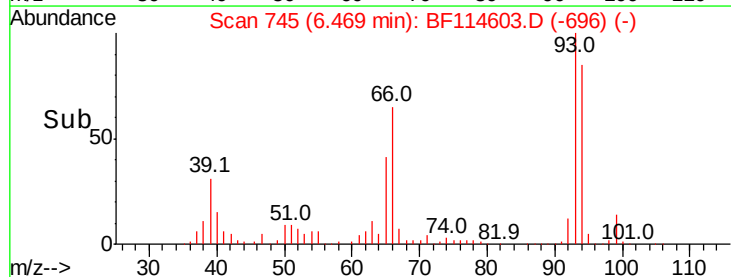
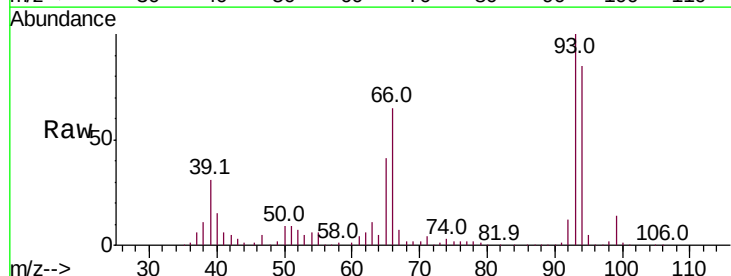
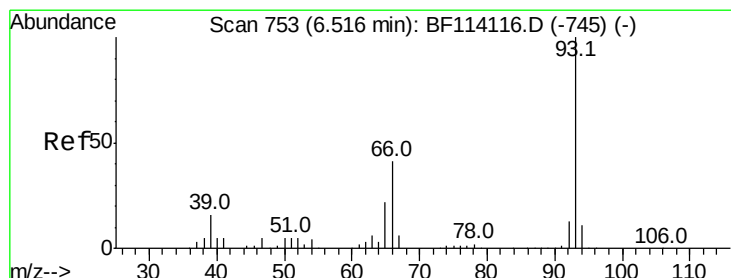
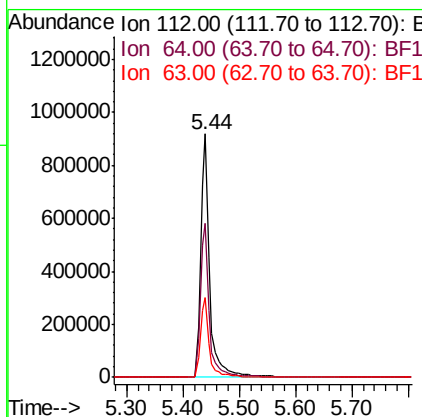
#5
2-Fluorophenol
Concen: 129.433 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	32.6	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
PB119810BS

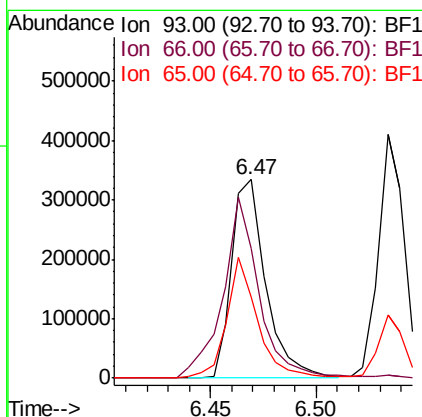
Manual Integrations
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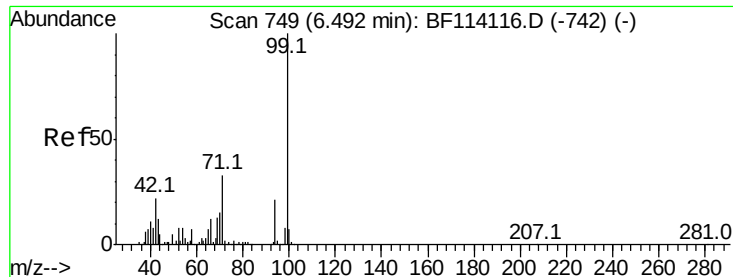
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#6
Aniline
Concen: 27.869 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
66	65.4	33.2	49.8#
65	40.6	17.6	26.4#





#7

Phenol-d6

Concen: 135.712 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

PB119810BS

Tot Ion: 99 Resp: 1262997

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

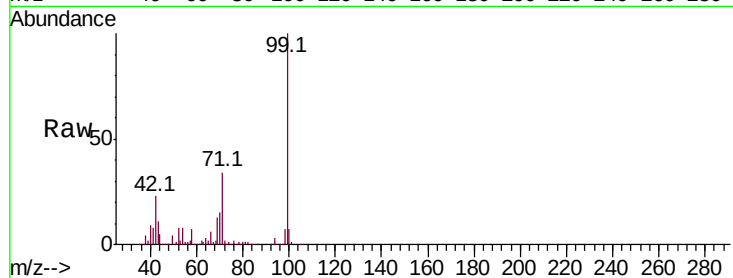
71 33.9 26.2 39.2

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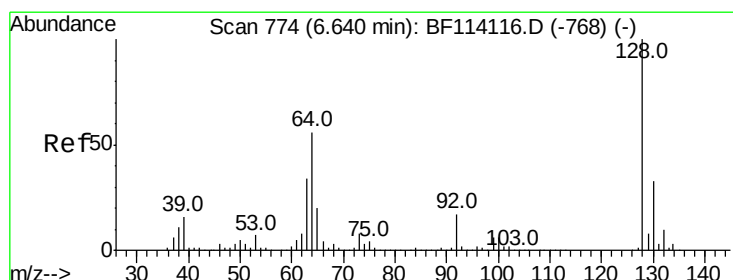
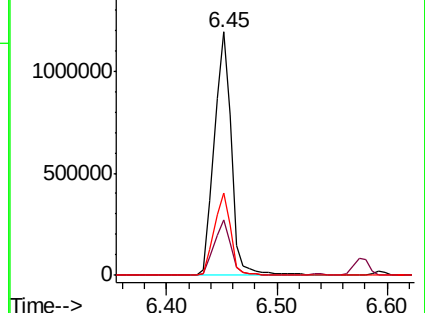
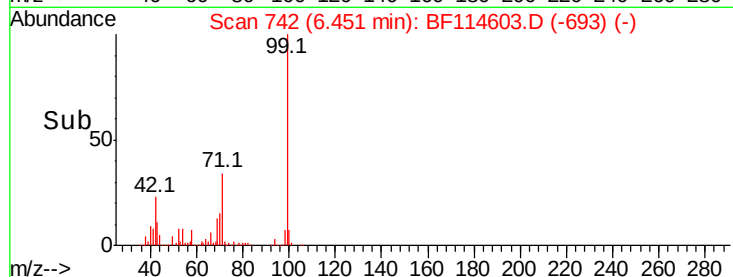
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.555 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

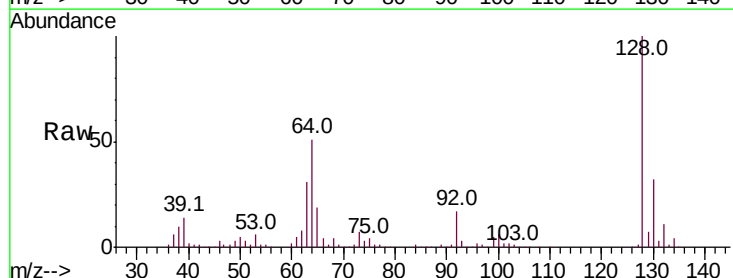
Tgt Ion: 128 Resp: 365872

Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

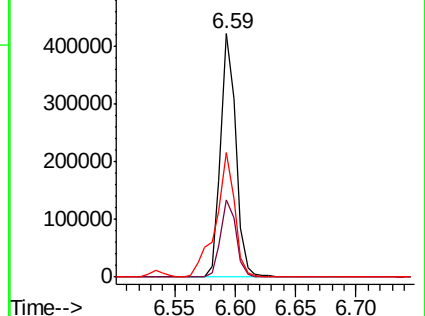
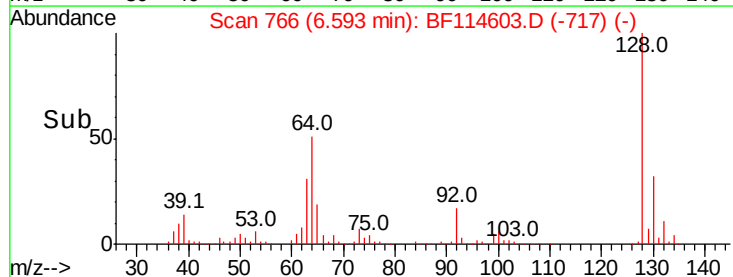
64 51.1 35.9 75.9

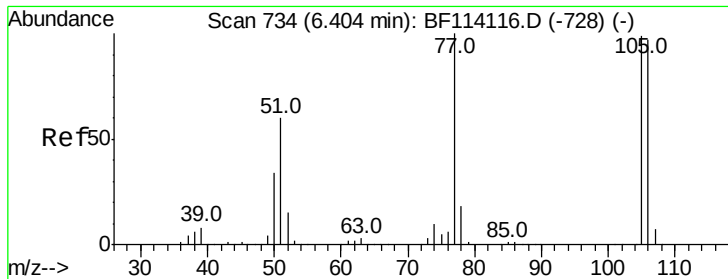


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.127 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

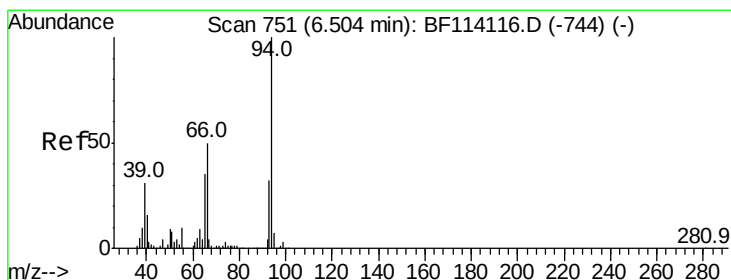
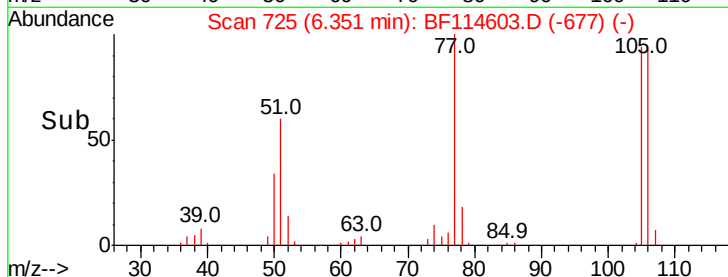
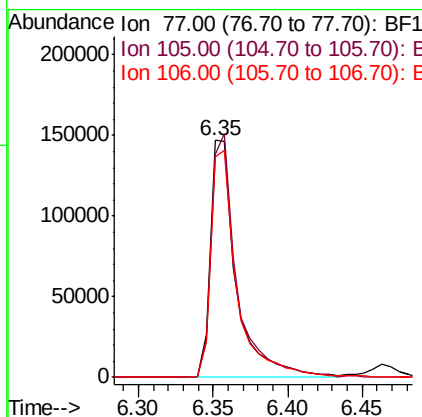
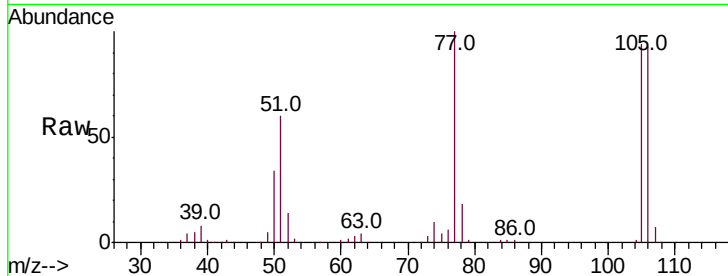
ClientSampleId :

PB119810BS

Tot Ion:	77	Resp:	176737
Ion	Ratio	Lower	Upper
77	100		
105	94.3	79.3	119.3
106	93.3	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 40.990 ng

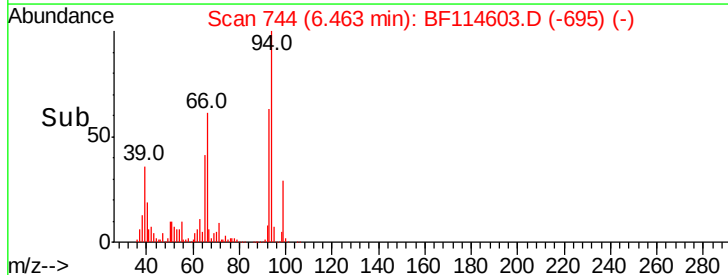
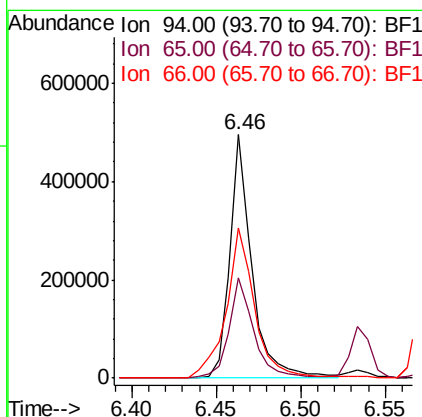
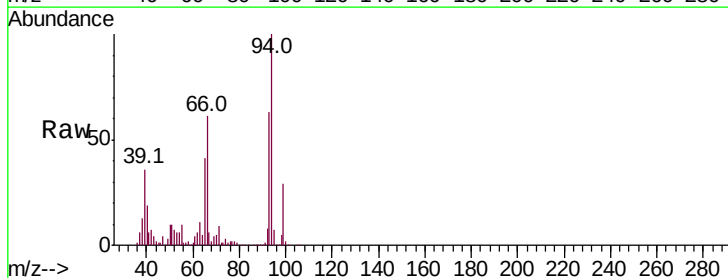
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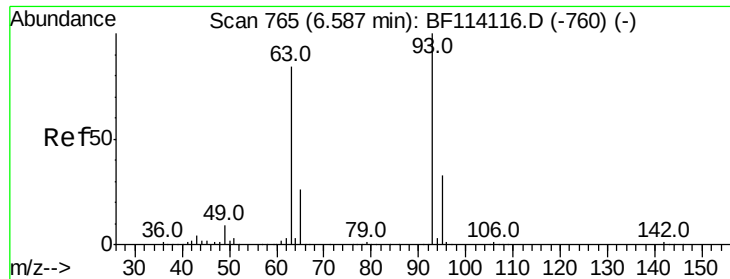
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:	94	Resp:	448746
Ion	Ratio	Lower	Upper
94	100		
65	41.0	14.7	54.7
66	61.5	29.6	69.6





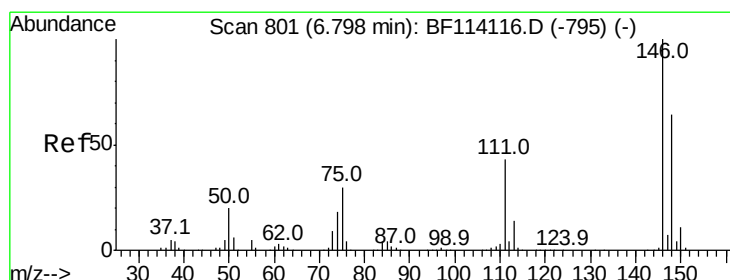
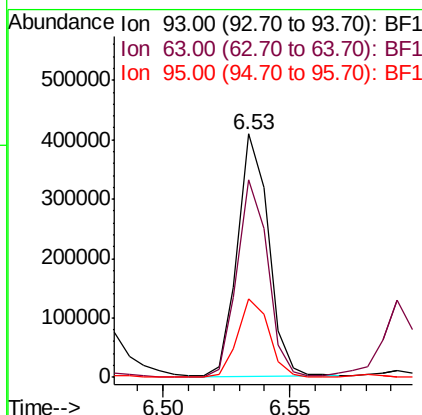
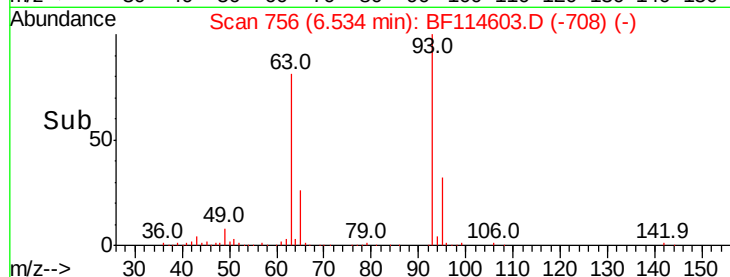
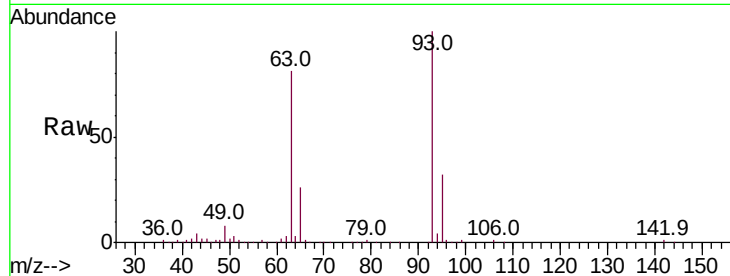
#11
bis(2-Chloroethyl)ether
Concen: 41.878 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :
PB119810BS

Tot Ion	93	Resp	348066
Ion Ratio	100	Lower	Upper
63	81.0	63.6	103.6
95	32.2	13.1	53.1

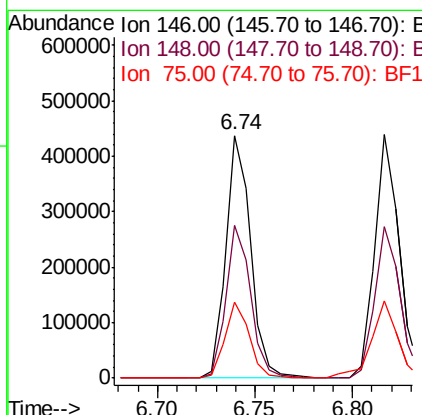
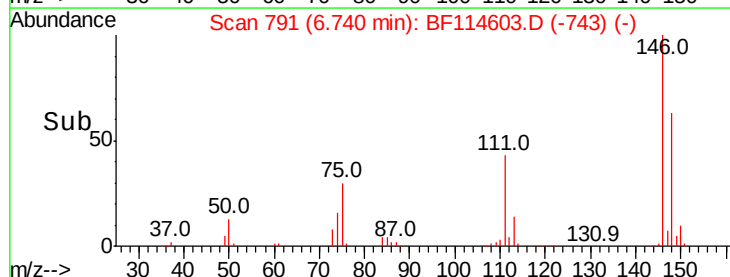
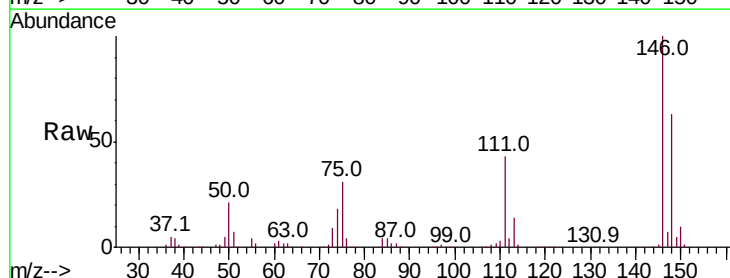
Manual Integrations
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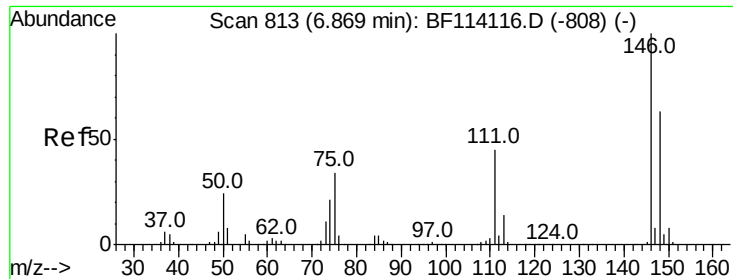
mohammad
5/27/2019 3:49:44 AM



#12
1,3-Dichlorobenzene
Concen: 41.059 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	146	Resp	387158
Ion Ratio	100	Lower	Upper
148	63.1	51.6	77.4
75	31.4	24.2	36.2





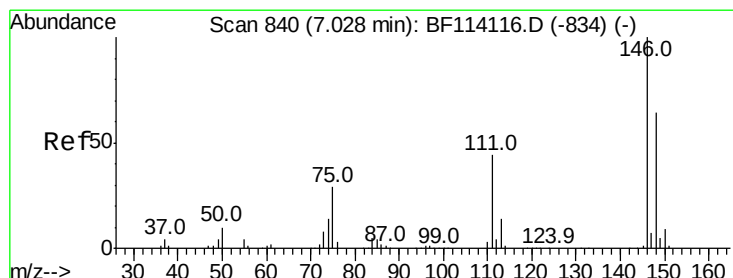
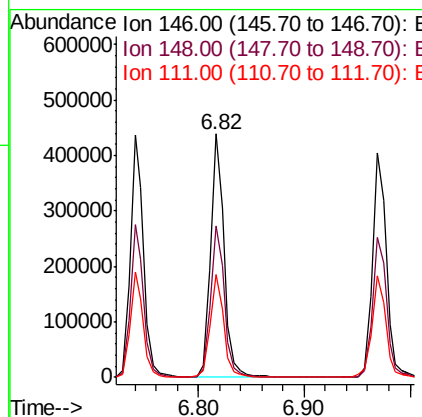
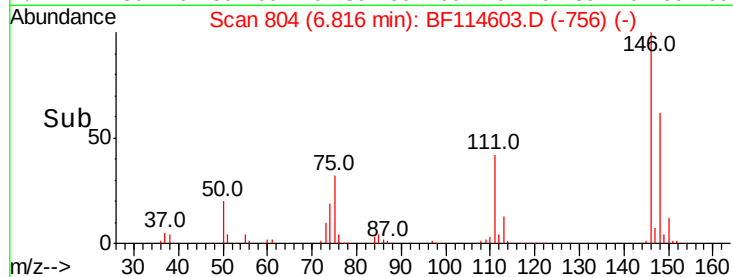
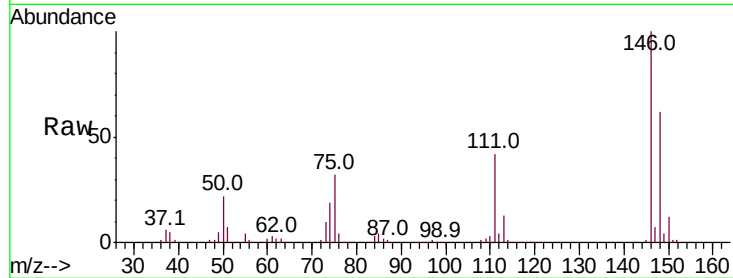
#13
 1,4-Dichlorobenzene
 Concen: 41.438 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.2	75.2
111	42.3	35.8	53.6

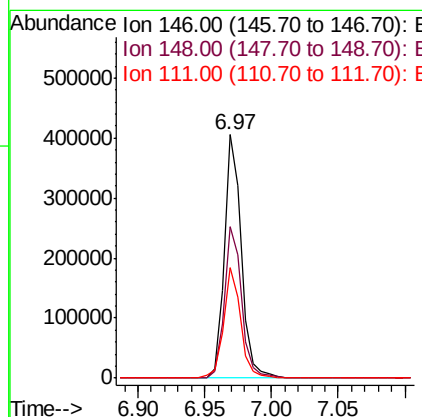
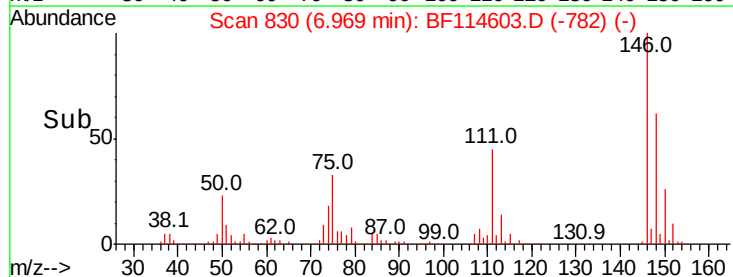
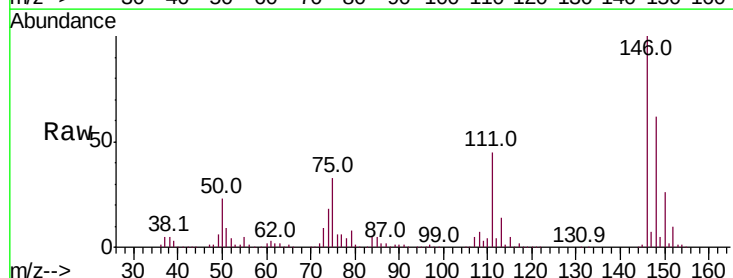
Manual Integrations
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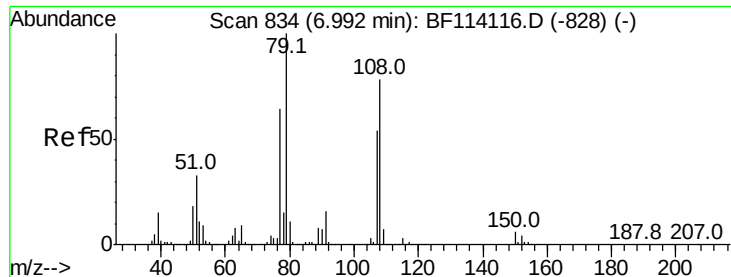
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.068 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.1	76.7
111	45.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.404 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

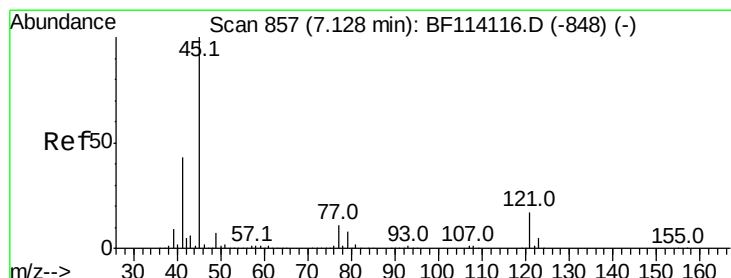
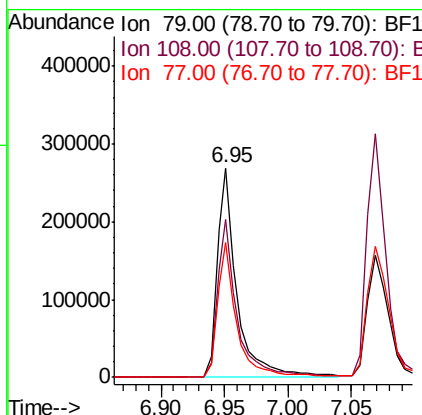
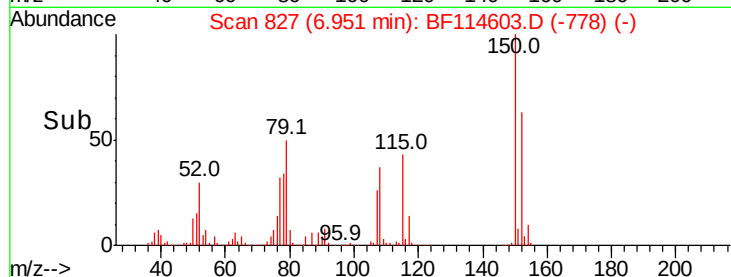
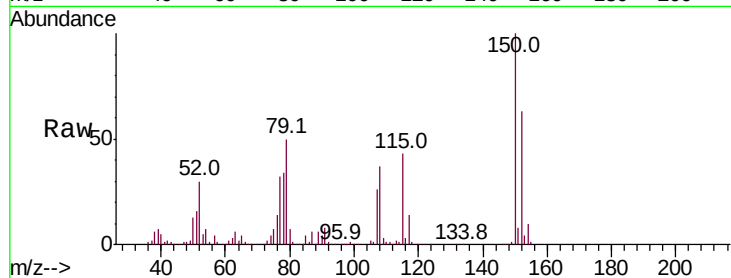
ClientSampleId :

PB119810BS

Tot Ion:	79	Resp:	293271
Ion Ratio	Lower	Upper	
79	100		
108	75.1	62.1	93.1
77	64.1	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.981 ng

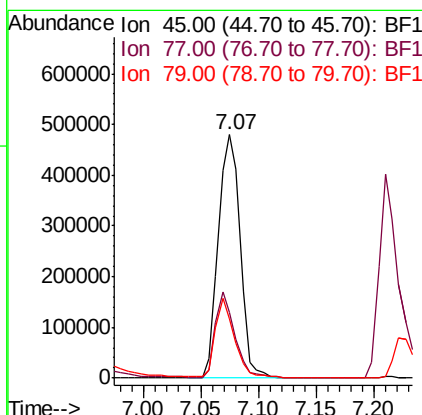
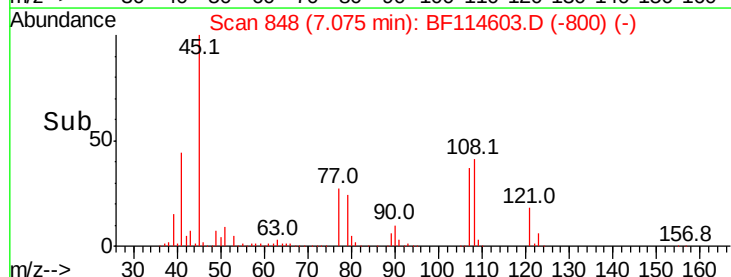
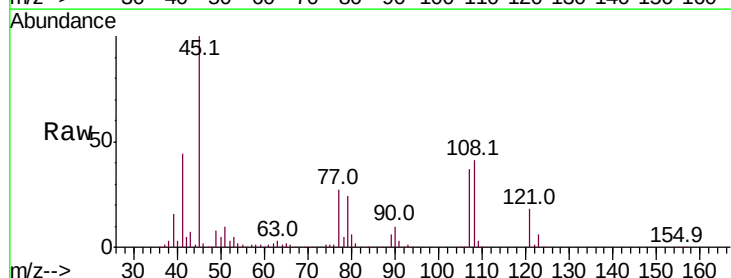
RT: 7.07 min Scan# 848

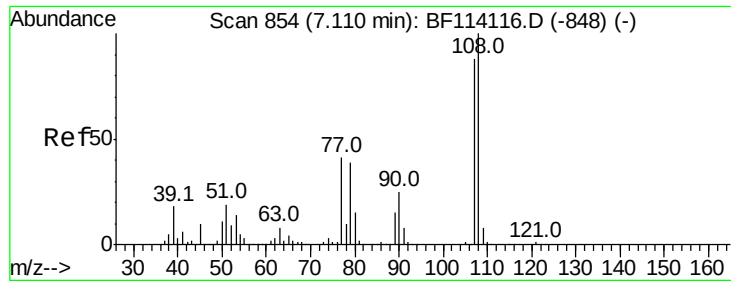
Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:	45	Resp:	628187
Ion Ratio	Lower	Upper	
45	100		
77	27.2	0.0	31.1
79	24.3	0.0	28.4





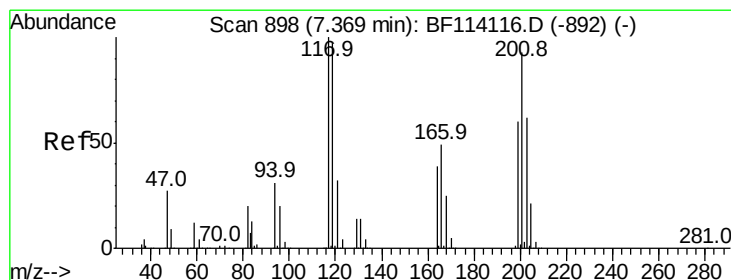
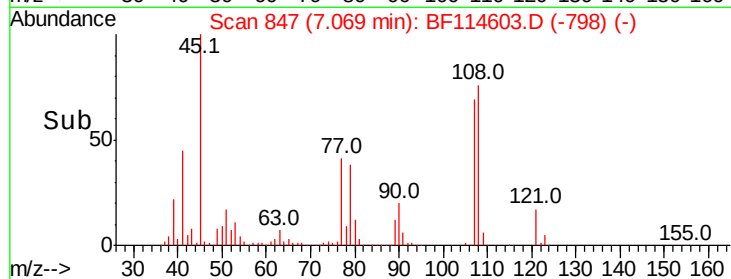
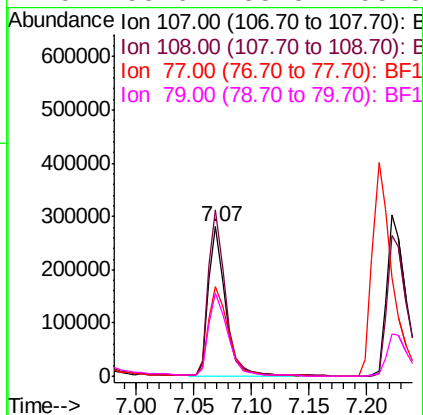
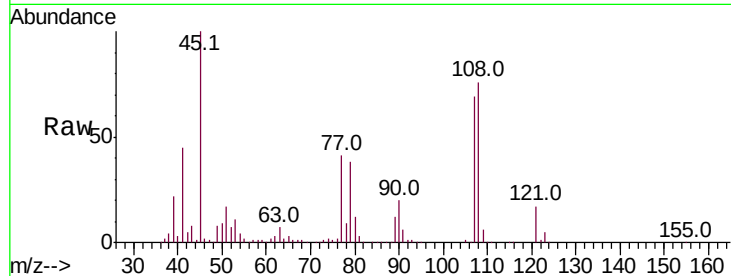
#17
2-Methylphenol
Concen: 41.486 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	90.5	135.7	
77	60.1	37.0	55.4	
79	55.6	35.8	53.8	

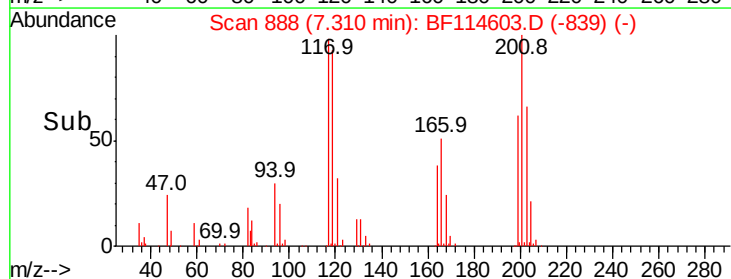
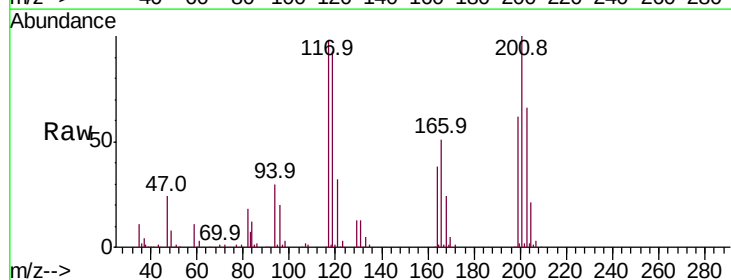
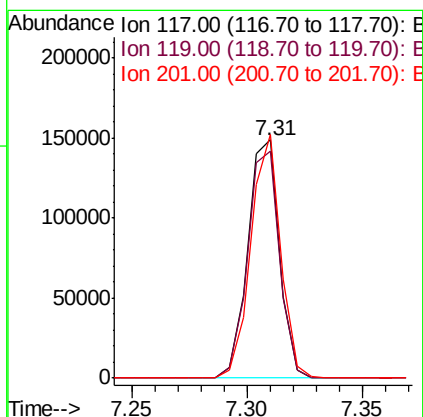
Manual Integrations
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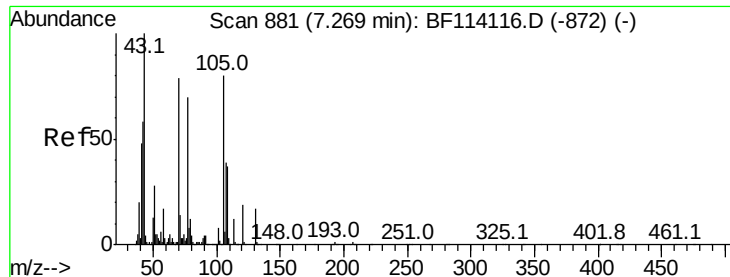
mohammad
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#18
Hexachloroethane
Concen: 39.982 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.2	
201	102.1	74.5	111.7	





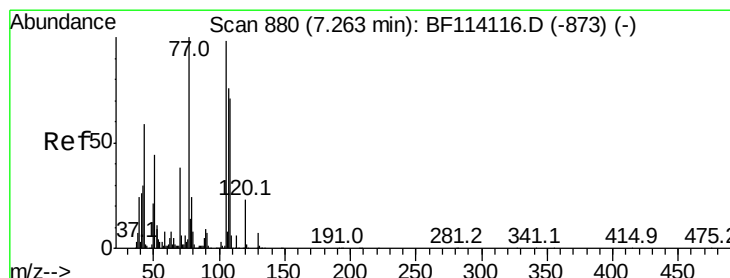
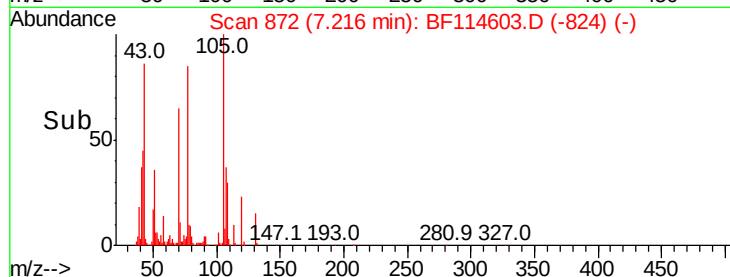
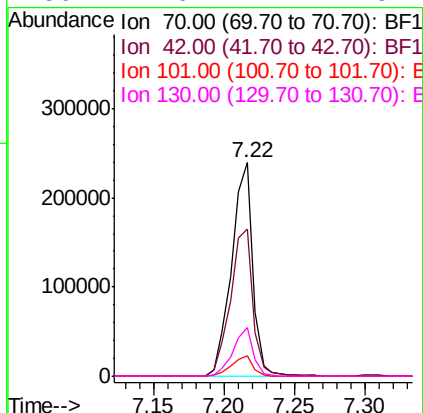
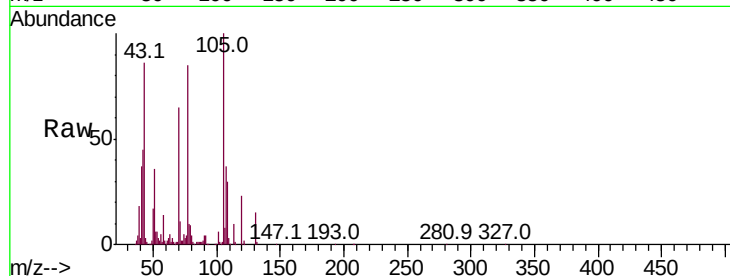
#19
n-Nitroso-di-n-propylamine
Concen: 42.655 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.2	58.6	87.8
101	9.5	7.8	11.8
130	22.6	17.1	25.7

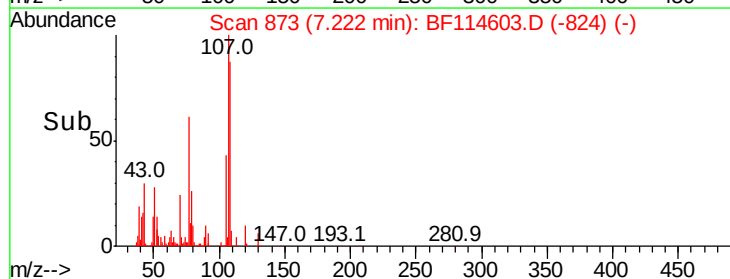
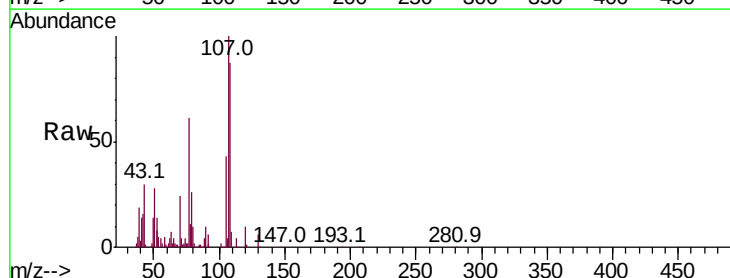
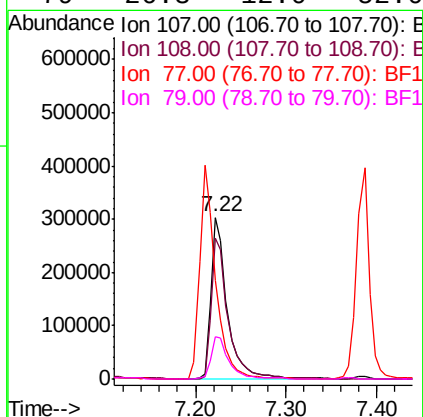
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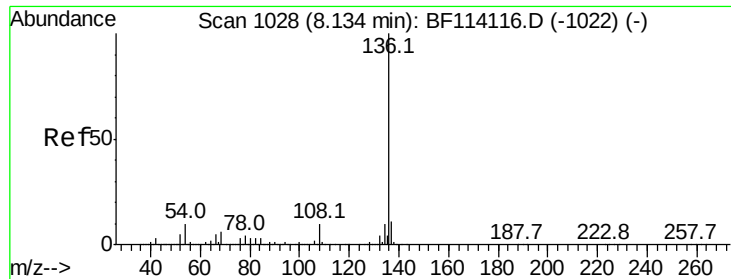
mohammad
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#20
3+4-Methylphenols
Concen: 47.805 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.8	113.8
77	60.8	111.5	151.5#
79	26.3	12.0	52.0





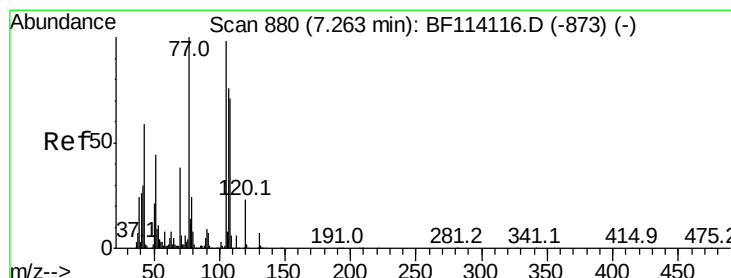
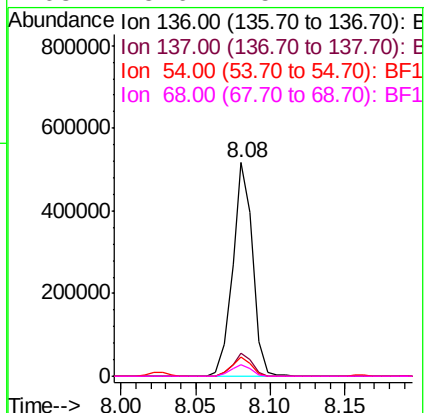
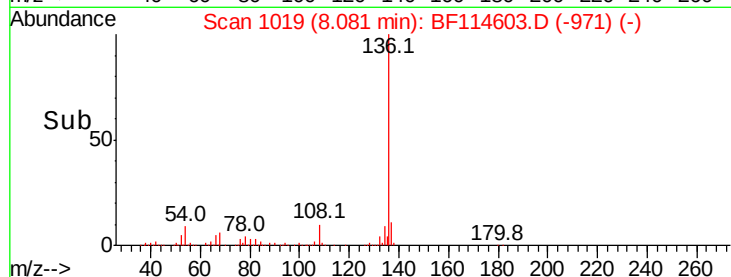
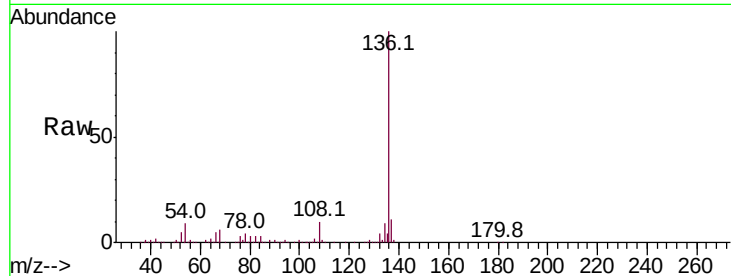
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	9.2	7.8	11.8	
68	5.6	5.1	7.7	

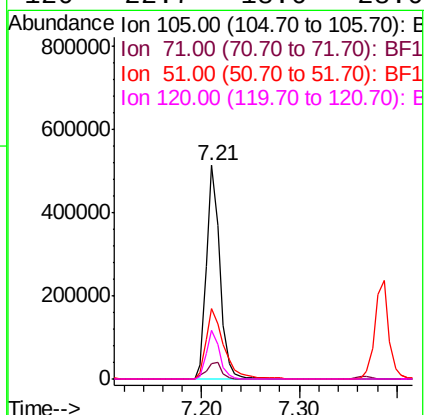
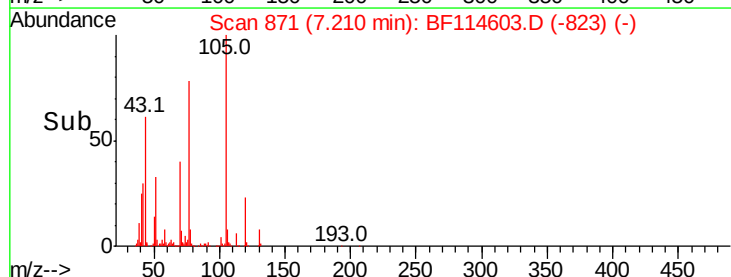
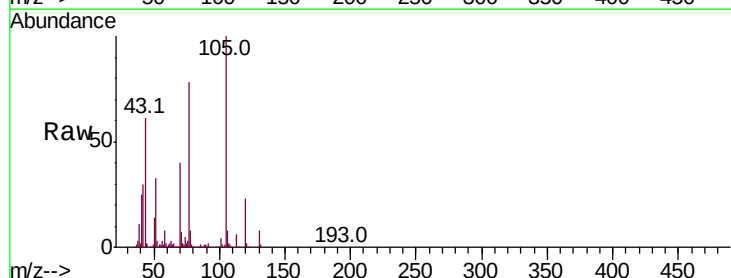
Manual Integrations
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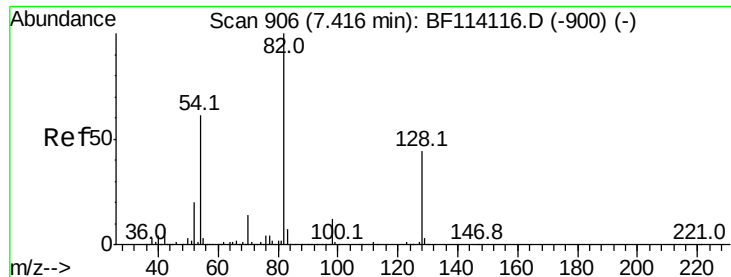
mohammad
5/27/2019 3:49:44 AM



#22
Acetophenone
Concen: 45.984 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	5.3	7.9	
51	33.2	36.2	54.4	
120	22.7	18.6	28.0	





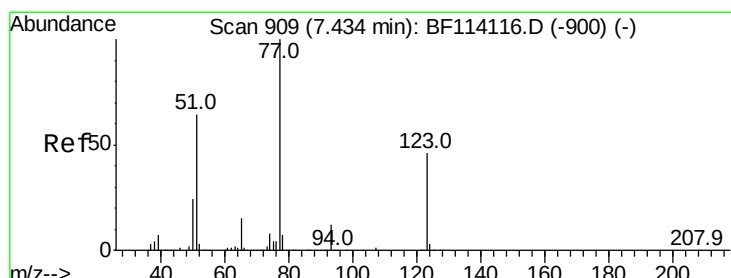
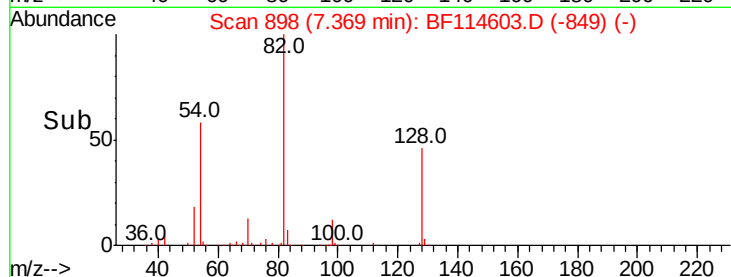
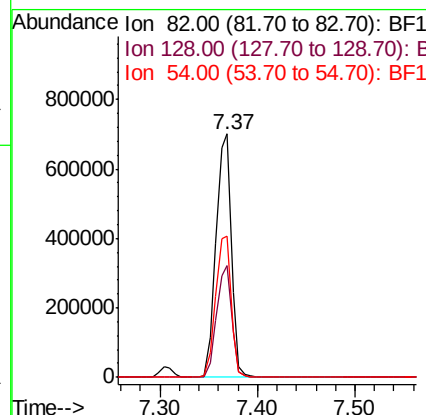
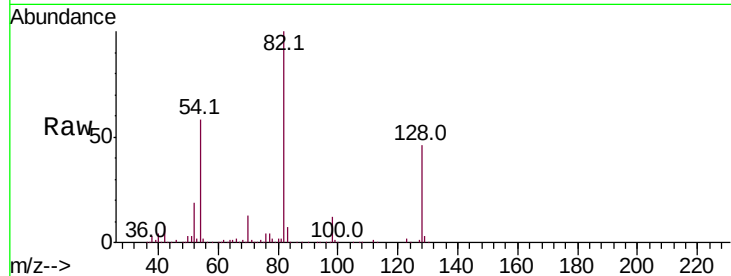
#23
 Nitrobenzene-d5
 Concen: 88.965 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	766546		
128	46.1	35.5	53.3	
54	58.1	48.5	72.7	

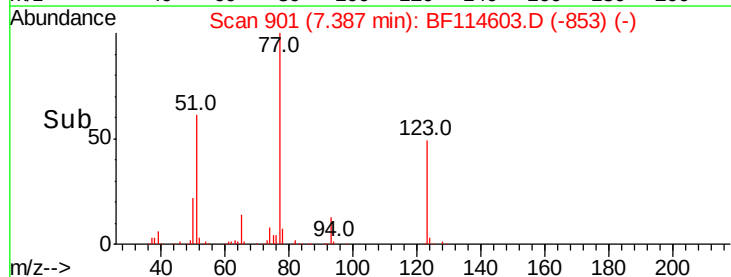
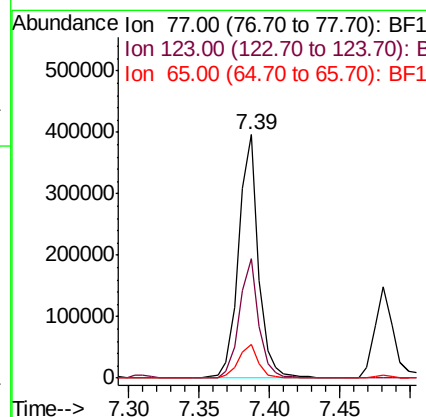
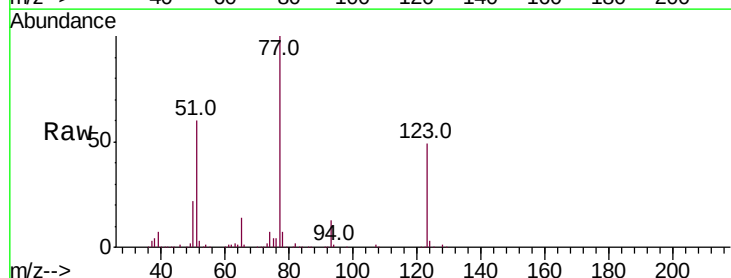
Manual Integrations
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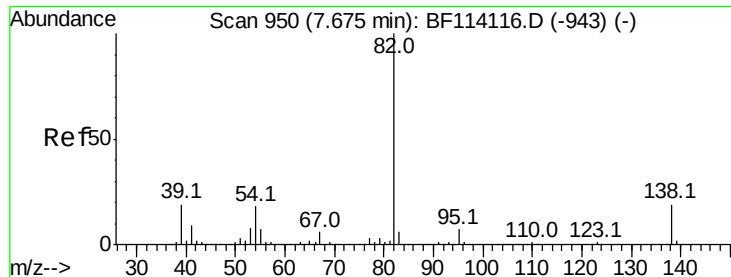
mohammad
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#24
 Nitrobenzene
 Concen: 43.667 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	383210		
123	48.9	36.9	55.3	
65	14.0	11.8	17.6	





#25

Isophorone

Concen: 43.011 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

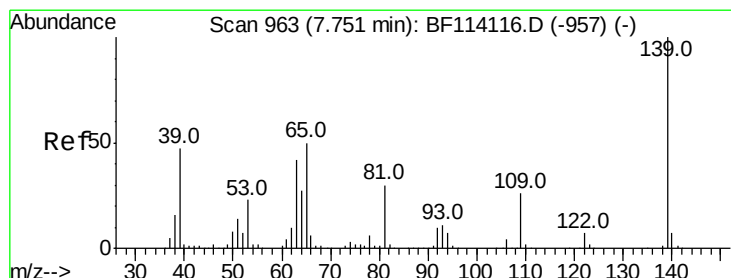
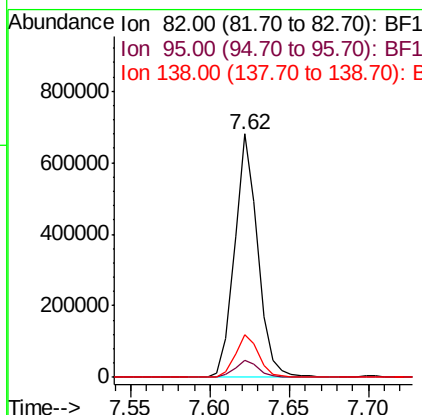
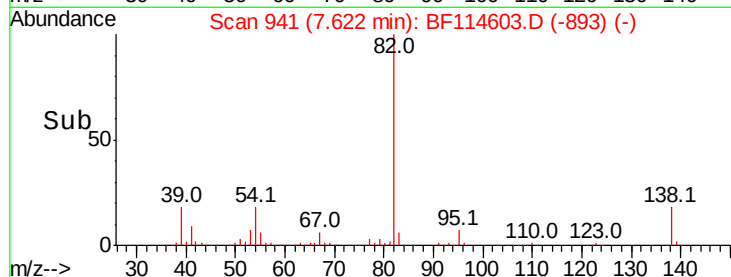
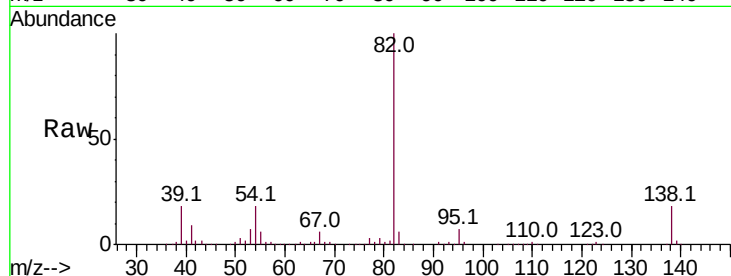
ClientSampleId :

PB119810BS

Tot Ion:	82	Resp:	687309
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.7	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.643 ng

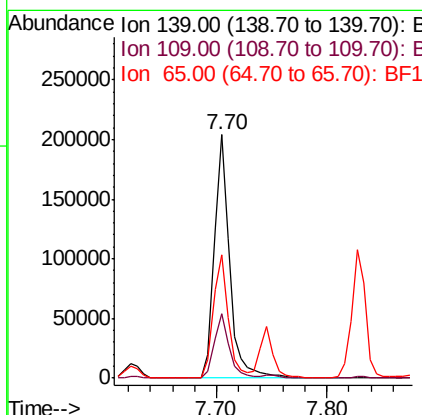
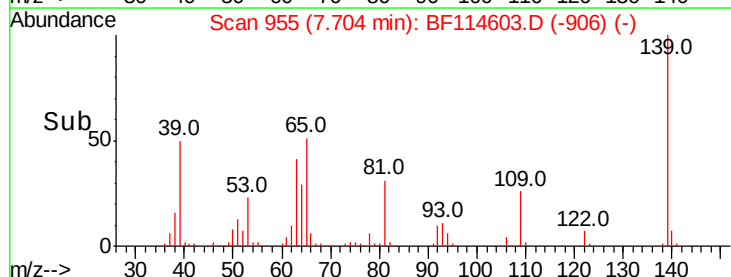
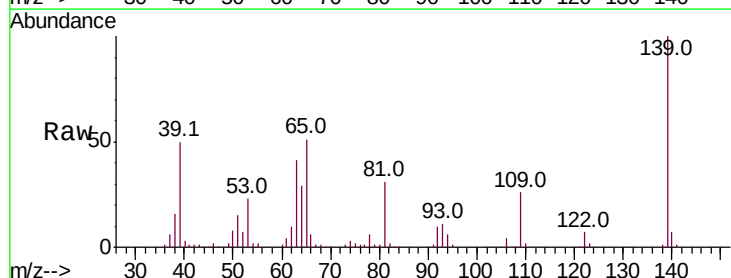
RT: 7.70 min Scan# 955

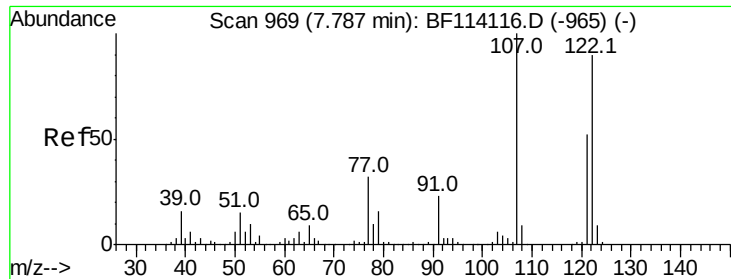
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:	139	Resp:	194335
Ion Ratio	Lower	Upper	
139	100		
109	26.5	20.7	31.1
65	50.8	40.2	60.2





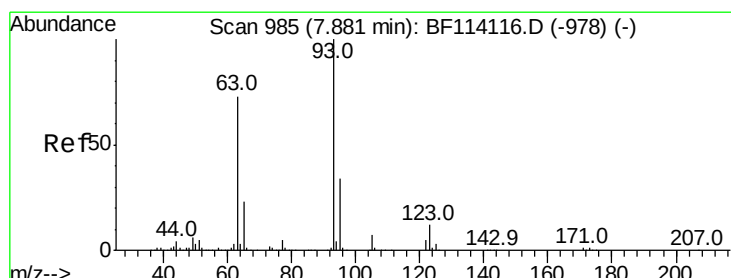
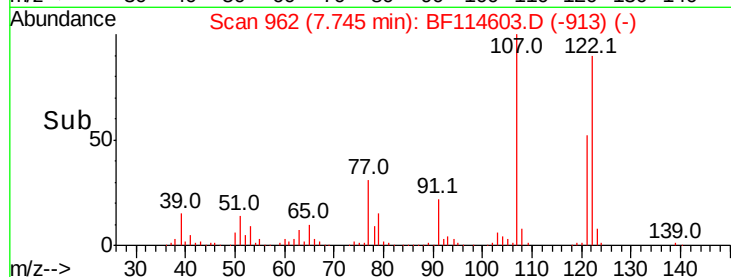
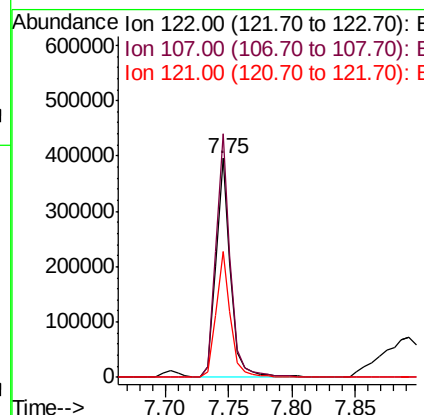
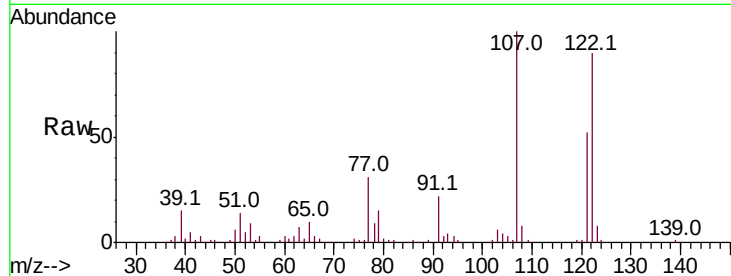
#27
2,4-Dimethylphenol
Concen: 47.963 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	88.4	132.6
121	57.6	45.9	68.9

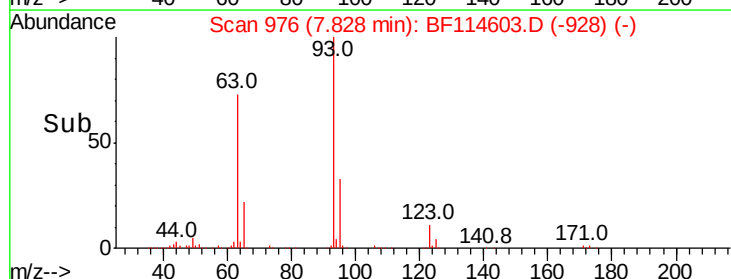
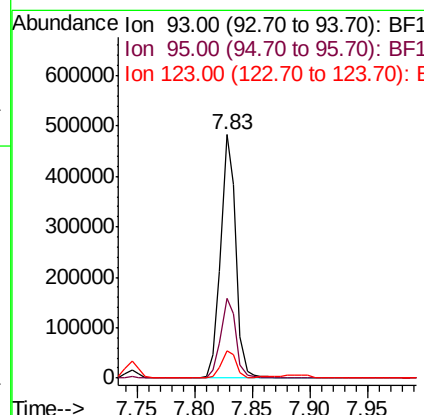
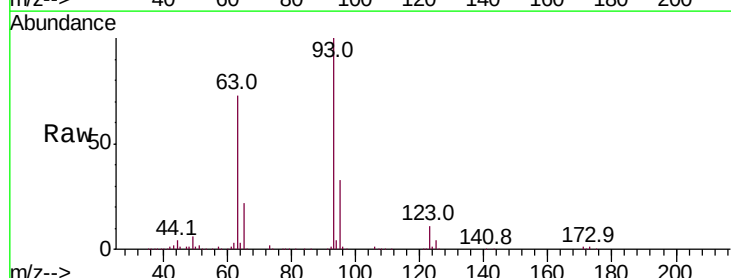
Manual Integrations
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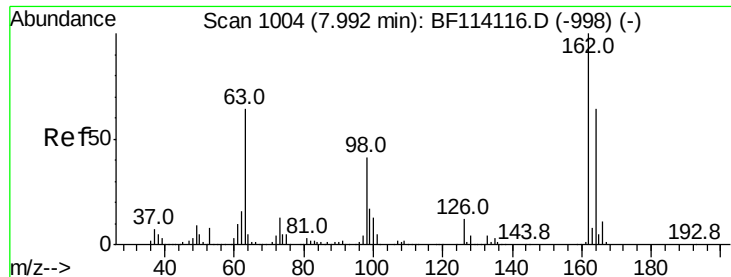
mohammad
5/27/2019 3:49:44 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.603 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	11.0	9.5	14.3





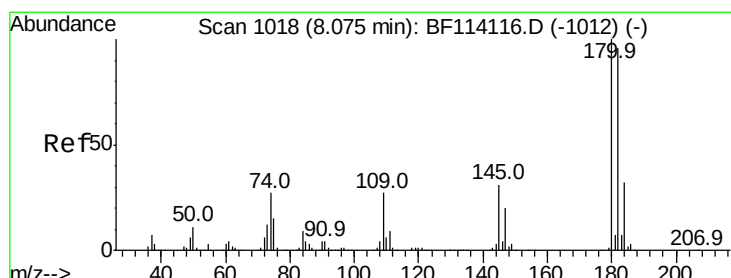
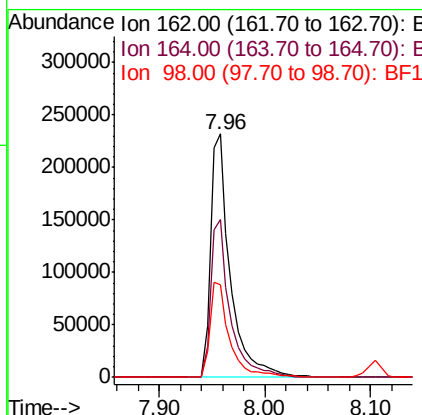
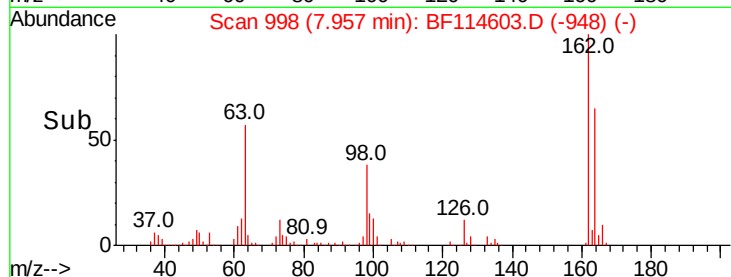
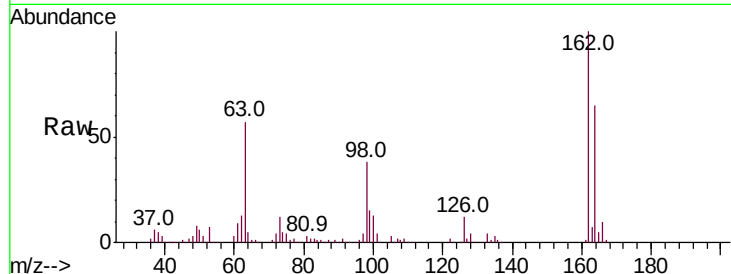
#29
2,4-Dichlorophenol
Concen: 45.327 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	301820		
164	64.7	43.6	83.6	
98	37.9	20.6	60.6	

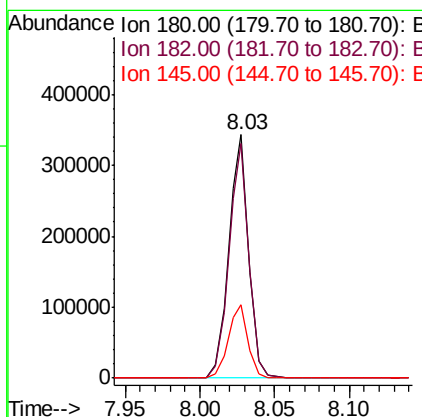
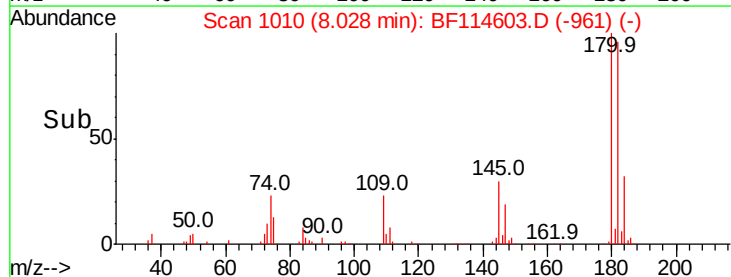
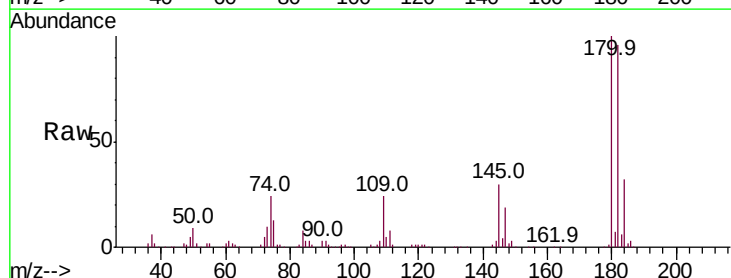
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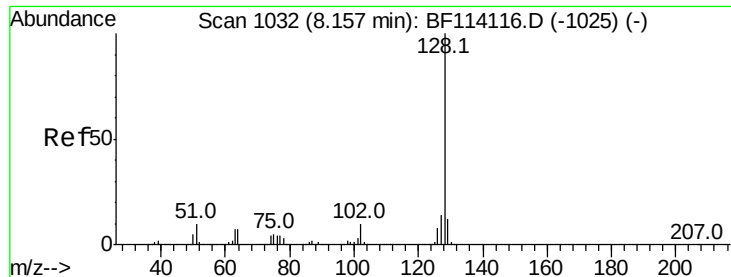
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.441 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	321356		
182	96.2	76.6	114.8	
145	30.1	25.1	37.7	





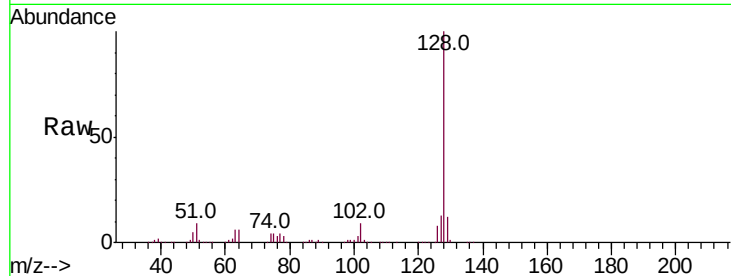
#31
Naphthalene
Concen: 45.902 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.4	11.3	16.9

Manual Integrations
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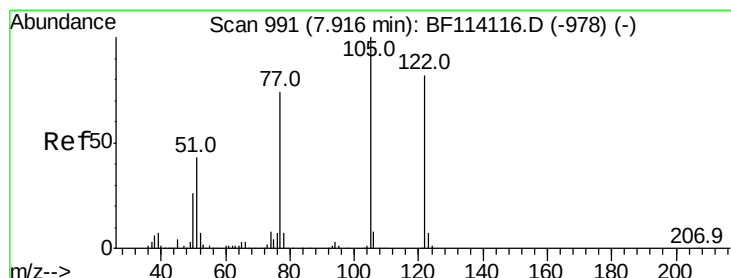
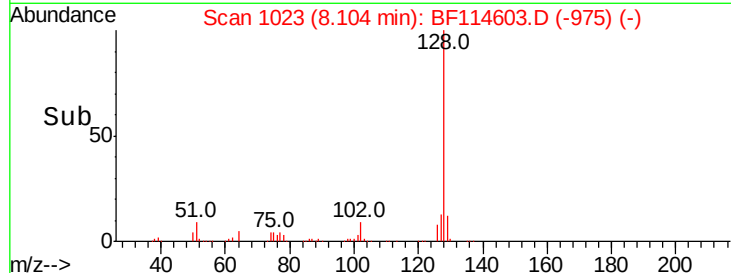
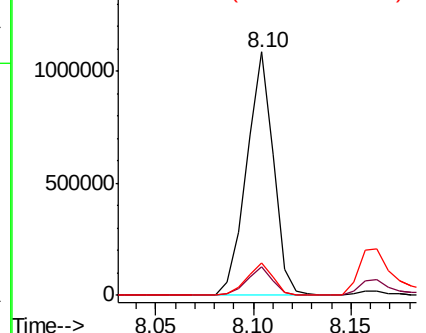


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.648 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

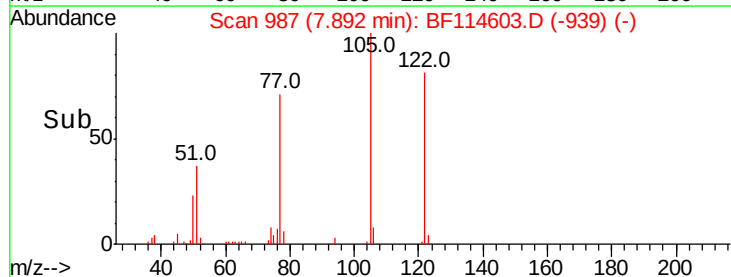
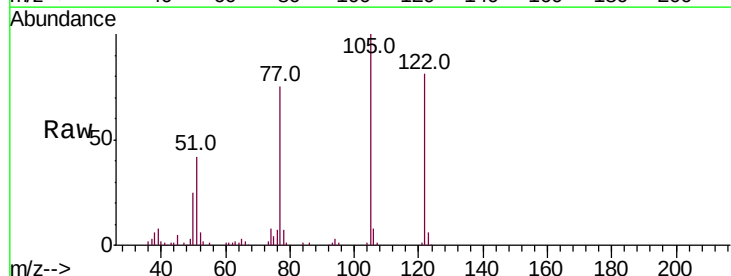
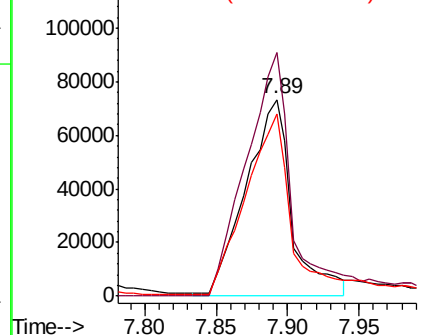
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	99.9	139.9
77	92.5	69.4	109.4

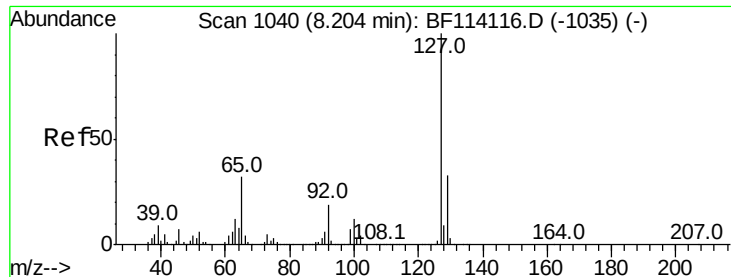
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





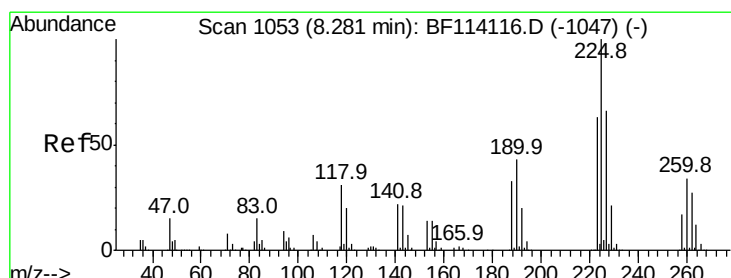
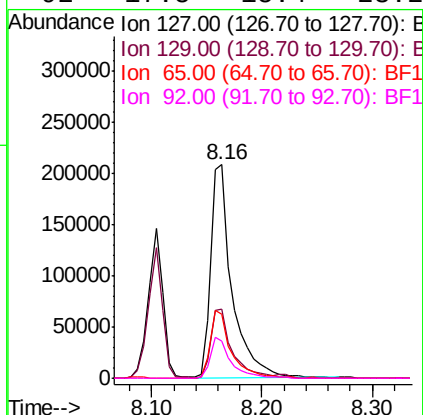
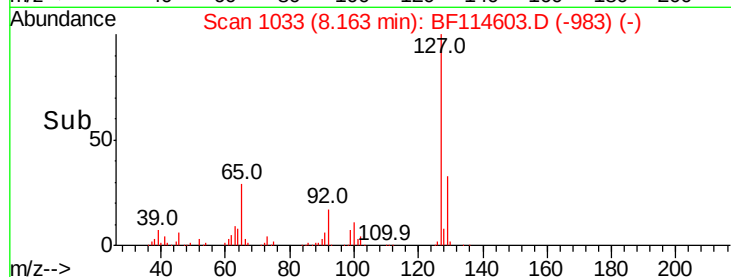
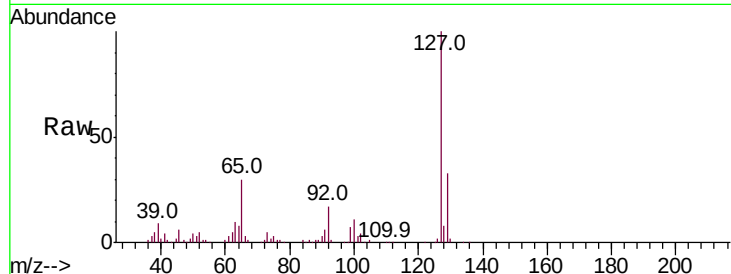
#33
4-Chloroaniline
Concen: 26.681 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.7	40.1	
65	29.7	25.4	38.0	
92	17.5	15.4	23.2	

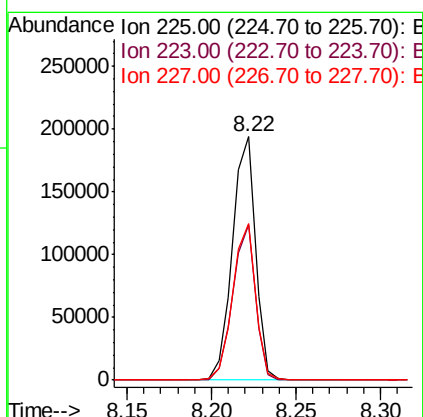
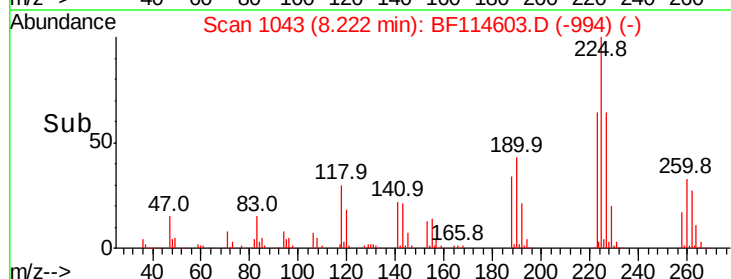
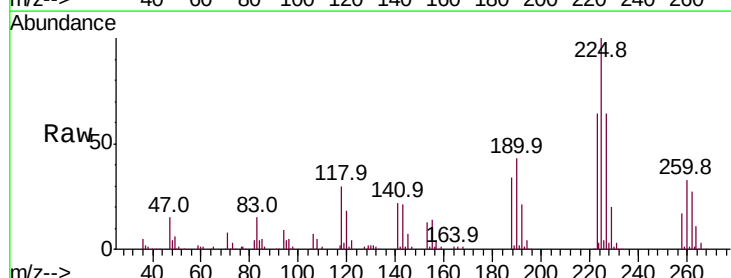
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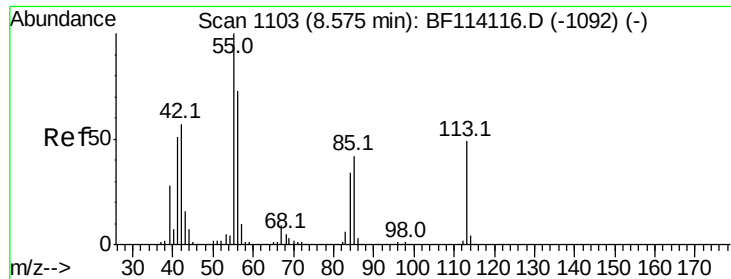
mohammad
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#34
Hexachlorobutadiene
Concen: 42.640 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.2	75.2	
227	64.5	52.6	79.0	





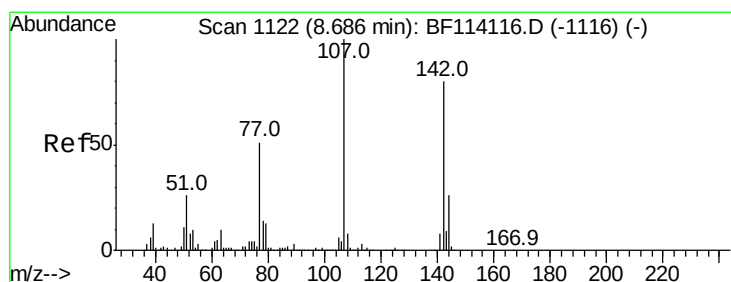
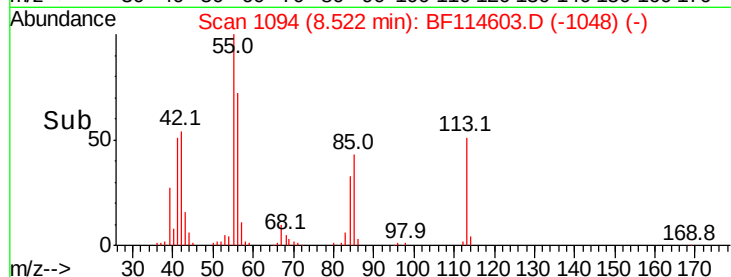
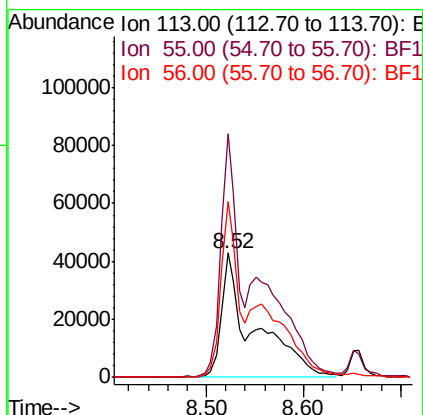
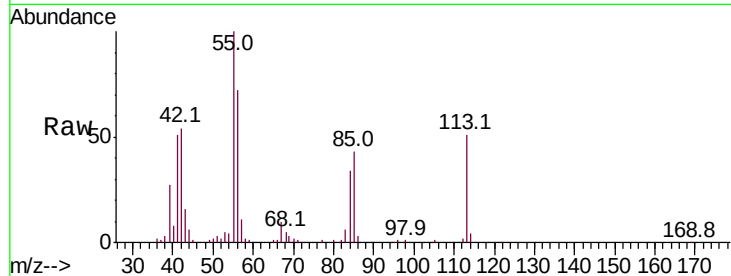
#35
Caprolactam
Concen: 45.254 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :
PB119810BS

Tot Ion:113 Resp: 98256
Ion Ratio Lower Upper
113 100
55 196.2 183.5 223.5
56 141.4 128.8 168.8

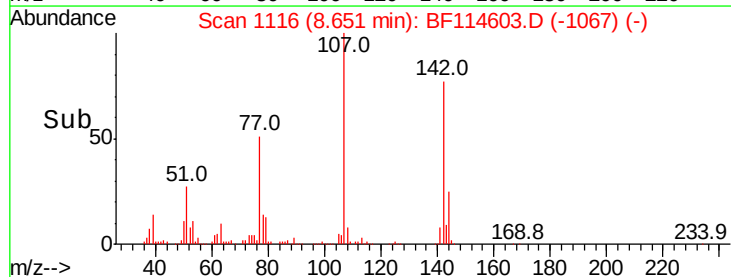
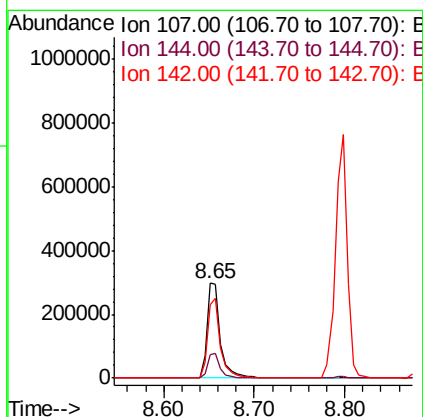
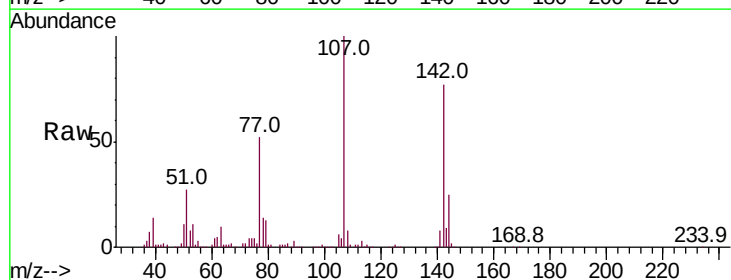
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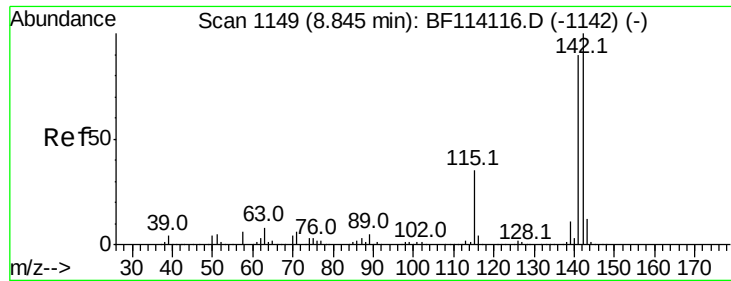
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.888 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:107 Resp: 314268
Ion Ratio Lower Upper
107 100
144 25.0 20.4 30.6
142 77.4 64.2 96.4





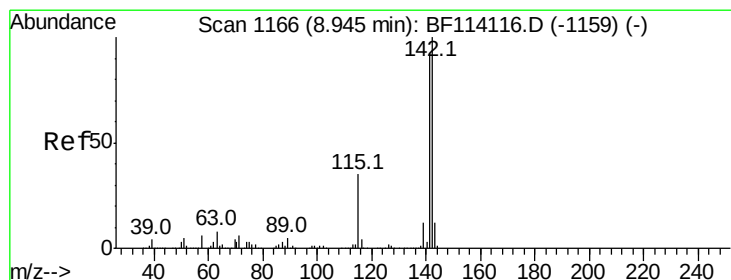
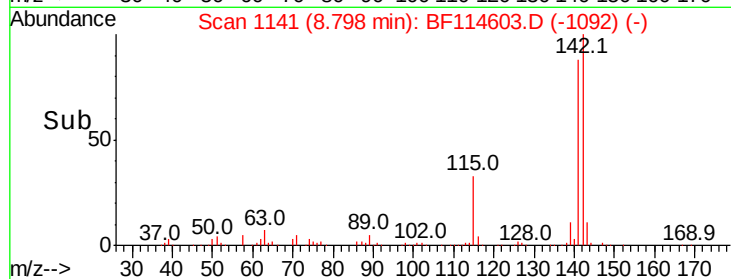
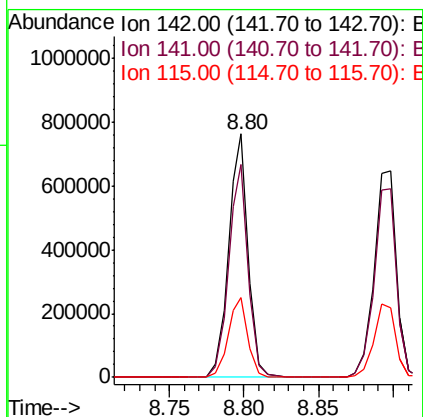
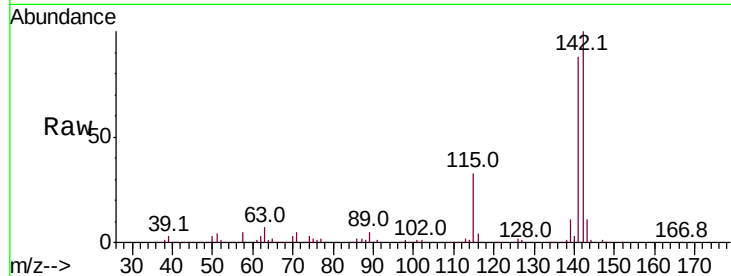
#37
2-Methylnaphthalene
Concen: 48.134 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :
PB119810BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.1	108.1
115	32.8	28.0	42.0

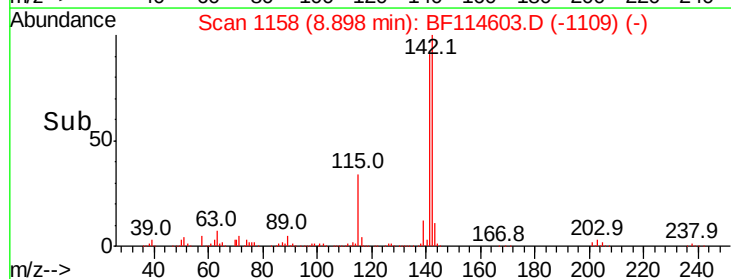
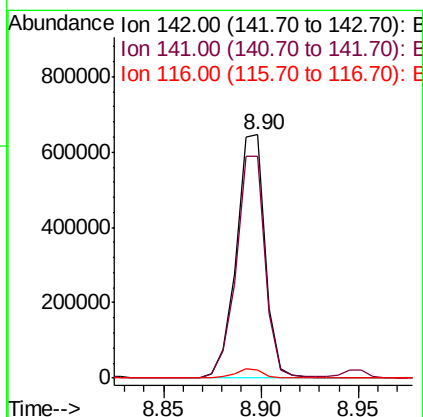
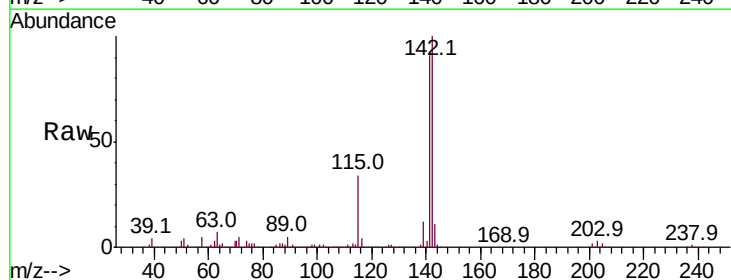
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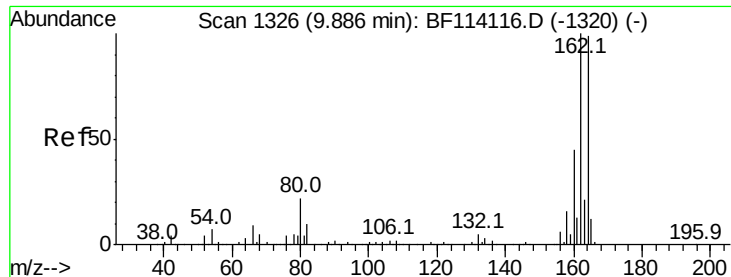
mohammad
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#38
1-Methylnaphthalene
Concen: 47.894 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

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





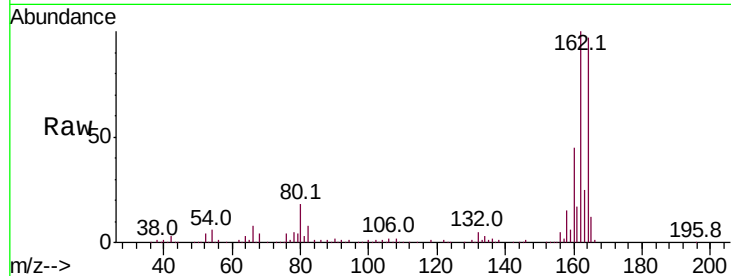
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	229585		
162	103.3	80.6	120.8	
160	46.2	36.5	54.7	

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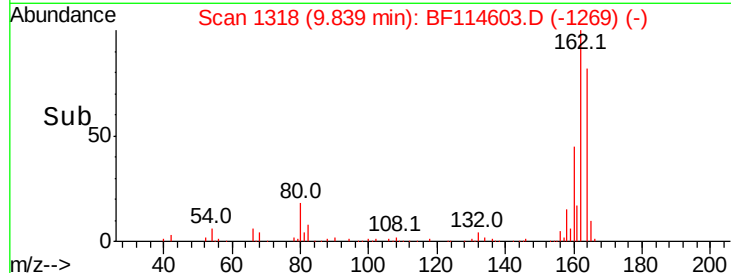
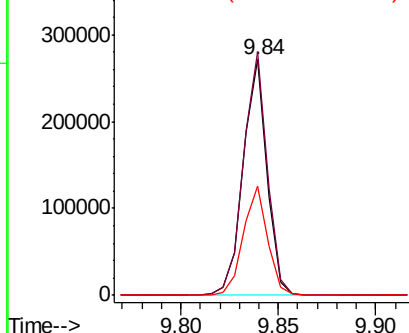


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.923 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	319375		
214	80.8	63.9	95.9	
179	21.6	17.0	25.6	
108	18.8	14.8	22.2	

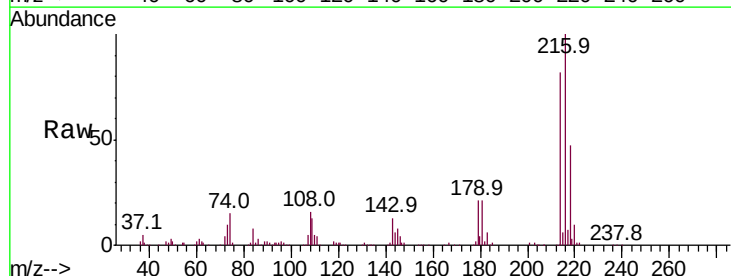
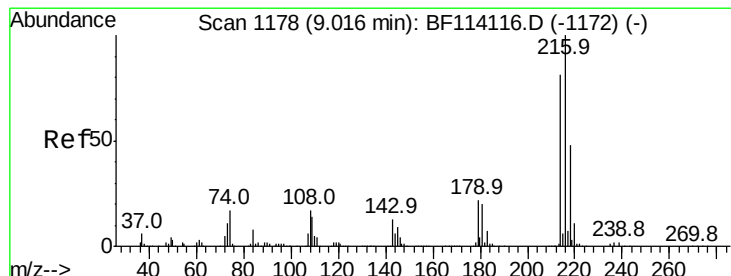
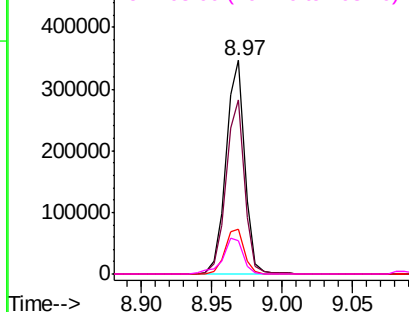
Abundance

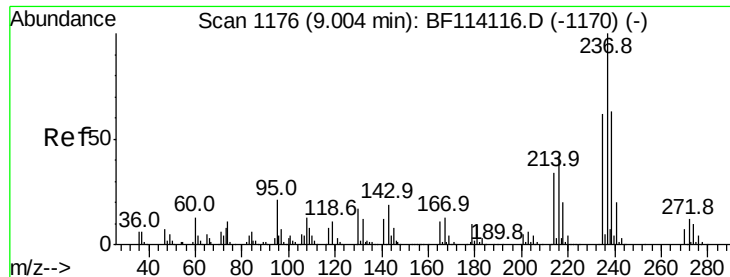
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





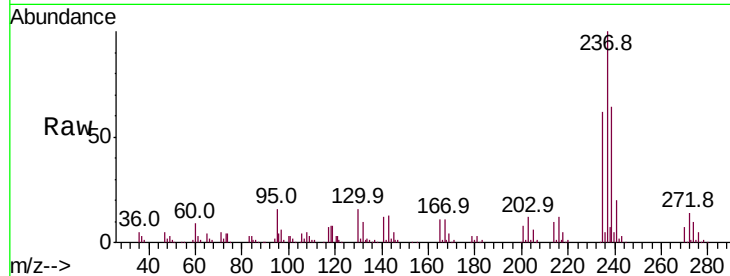
#41
Hexachlorocyclopentadiene
Concen: 44.700 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

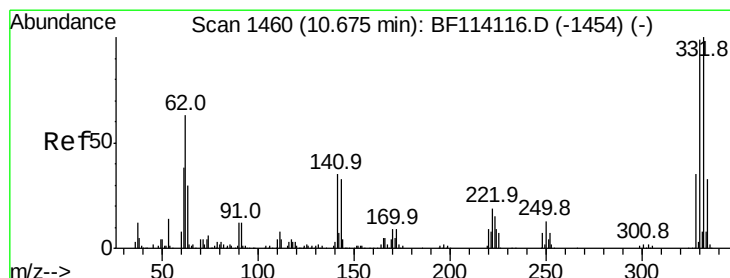
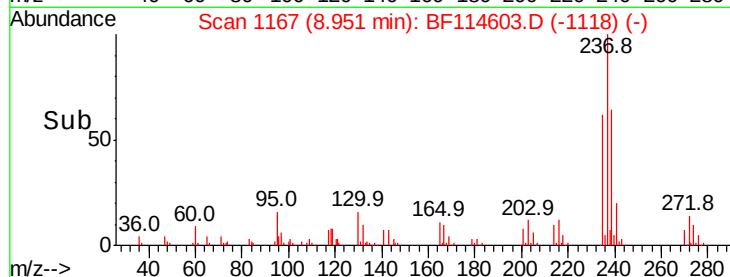
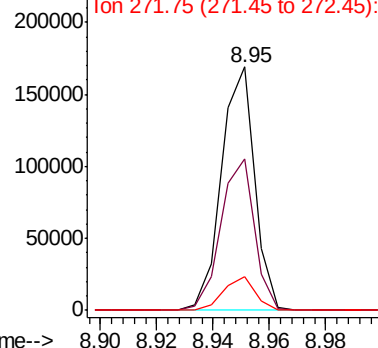
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.1	42.0	82.0	
272	13.8	0.0	32.4	

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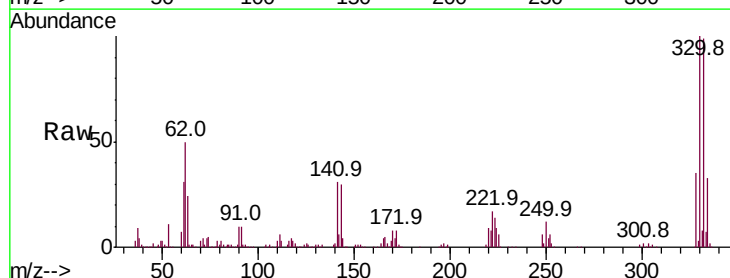


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

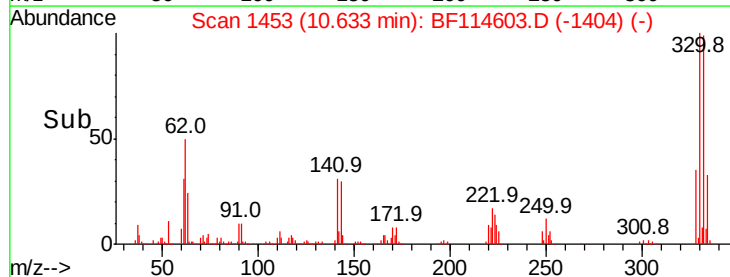
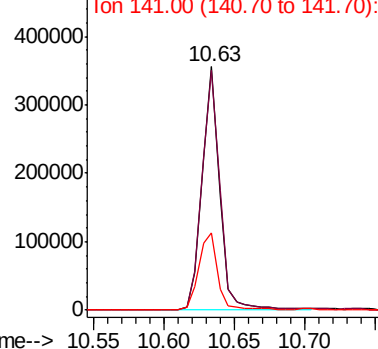


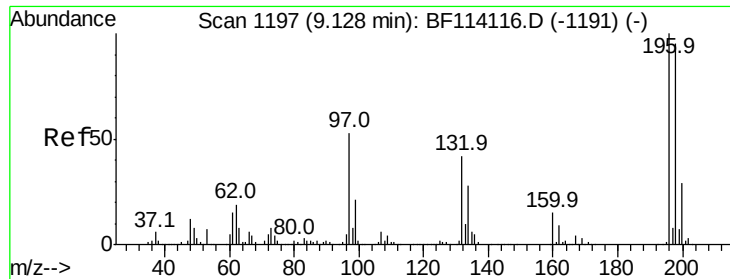
#42
2,4,6-Tribromophenol
Concen: 131.248 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.5	81.4	122.2	
141	34.1	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





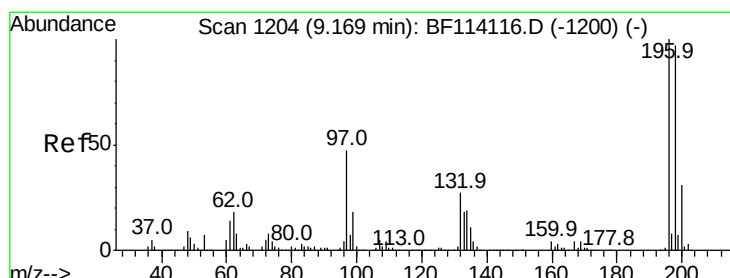
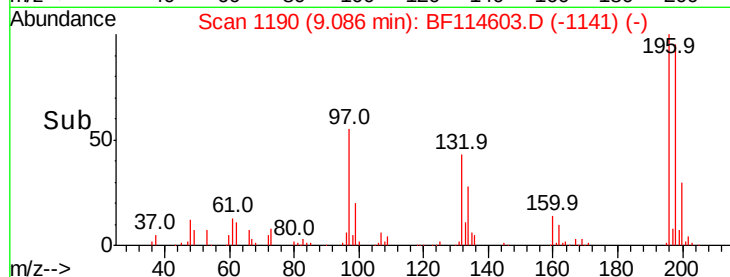
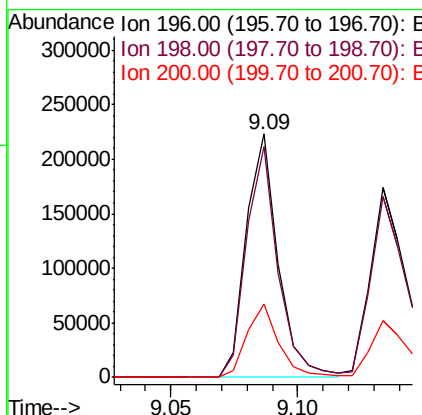
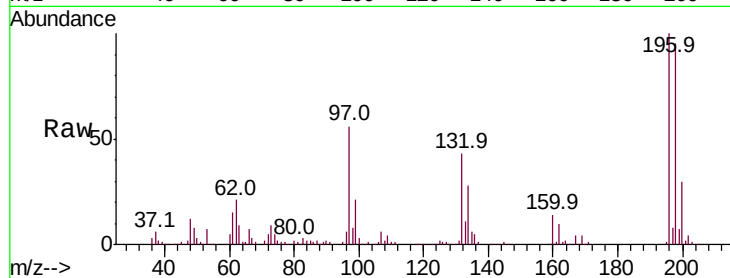
#43
 2,4,6-Trichlorophenol
 Concen: 40.984 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion:	196	Resp:	196050
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.9	113.9
200	30.4	23.5	35.3

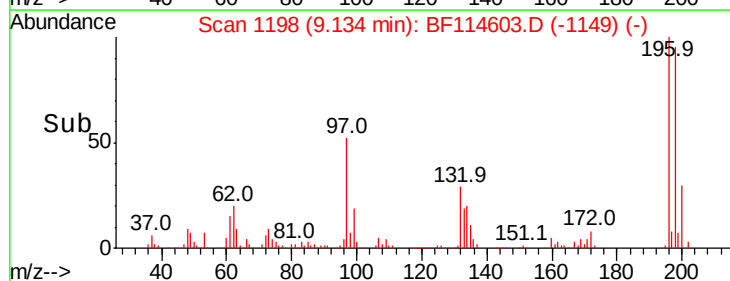
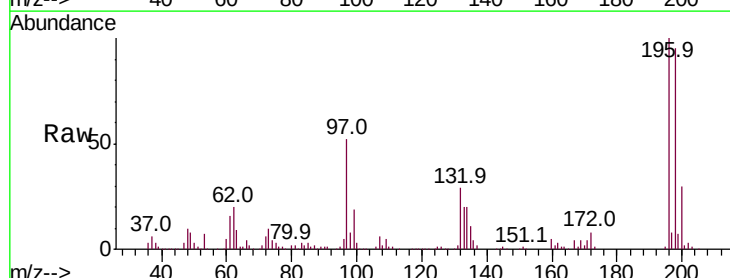
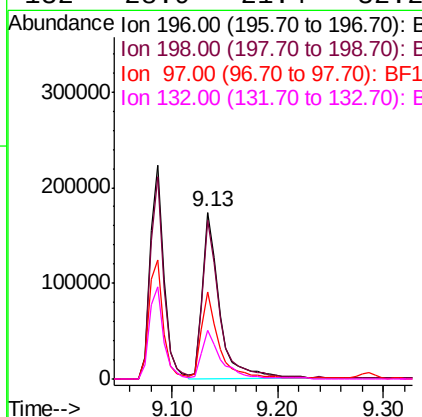
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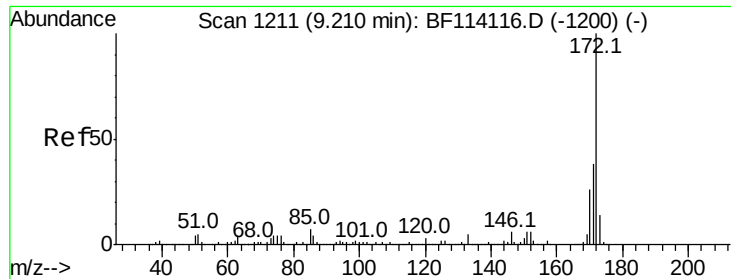
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#44
 2,4,5-Trichlorophenol
 Concen: 40.226 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion:	196	Resp:	197339
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.7	116.5
97	52.4	38.2	57.2
132	28.9	21.4	32.2





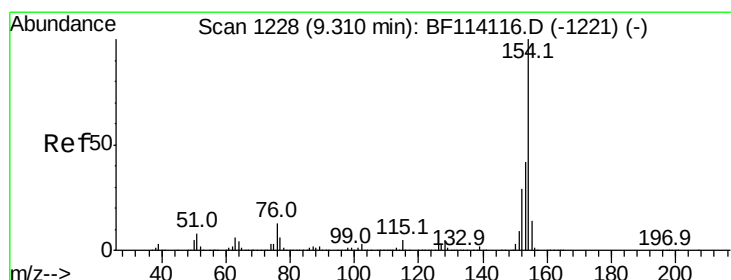
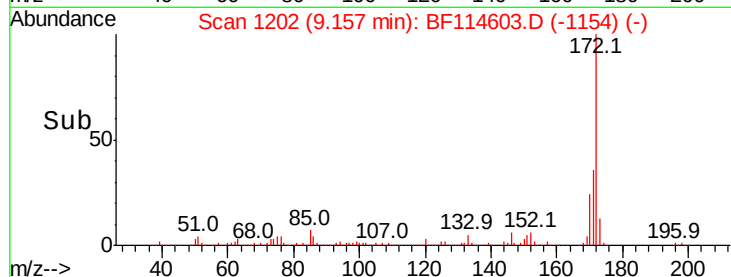
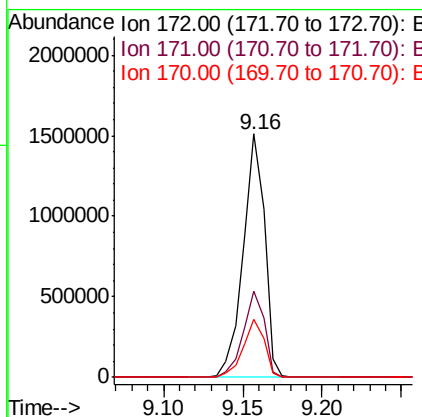
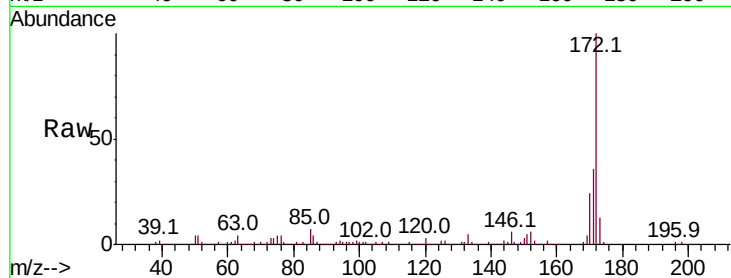
#45
2-Fluorobiphenyl
Concen: 93.081 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion:172 Resp: 1412744
Ion Ratio Lower Upper
172 100
171 35.5 30.7 46.1
170 23.6 20.5 30.7

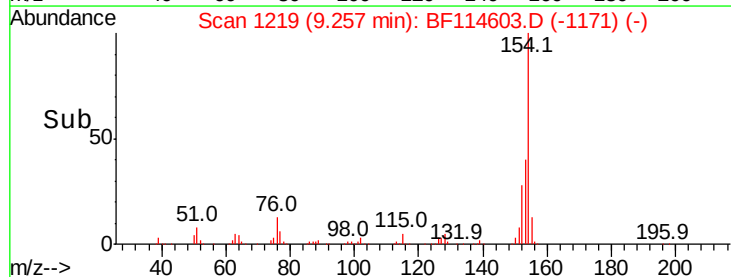
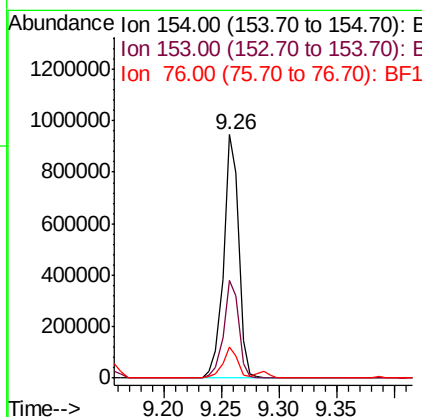
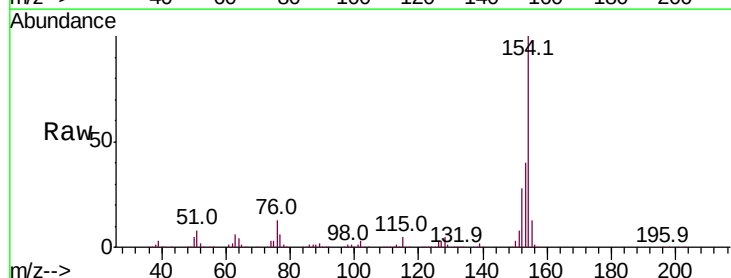
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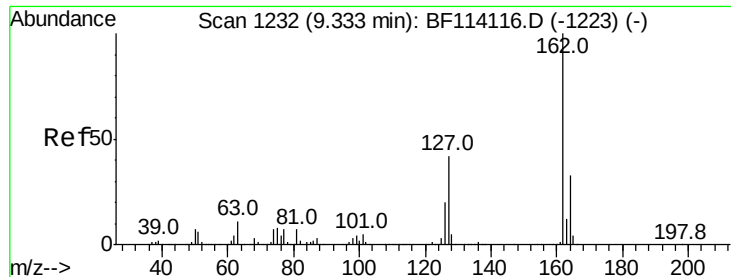
mohammad
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#46
1,1'-Biphenyl
Concen: 46.428 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion:154 Resp: 861109
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 12.8 0.0 32.8





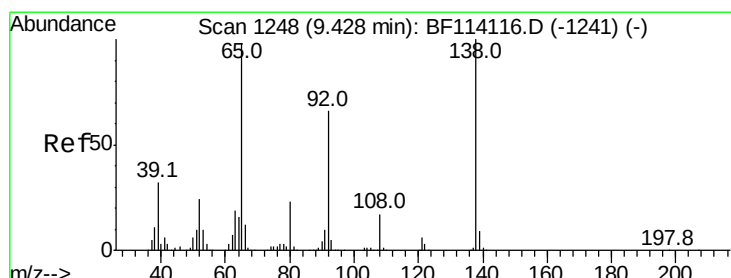
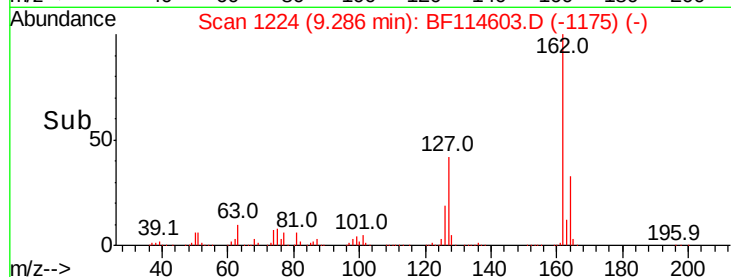
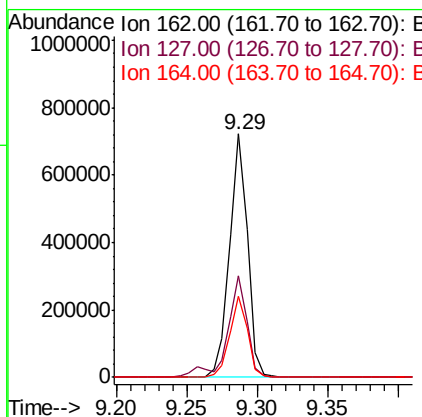
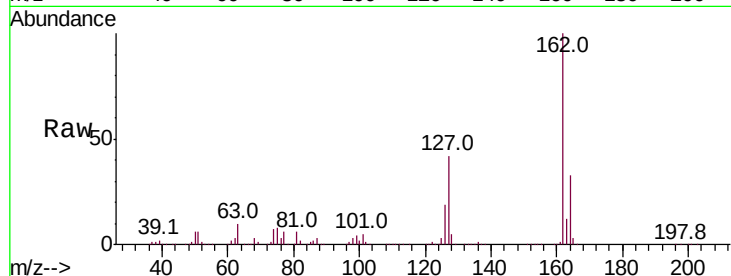
#47
 2-Chloronaphthalene
 Concen: 43.075 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	642974		
127	41.6		34.0	51.0
164	33.1		26.7	40.1

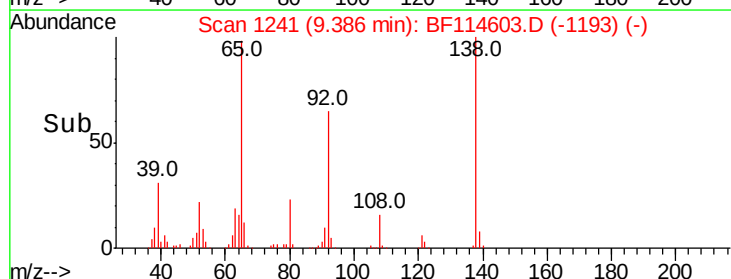
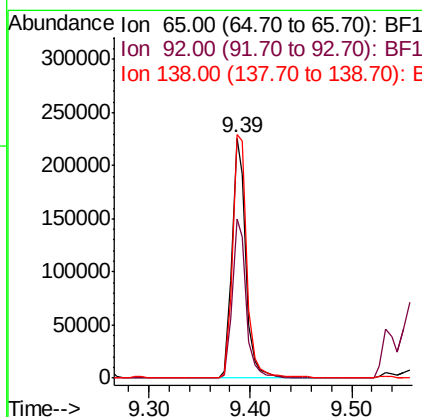
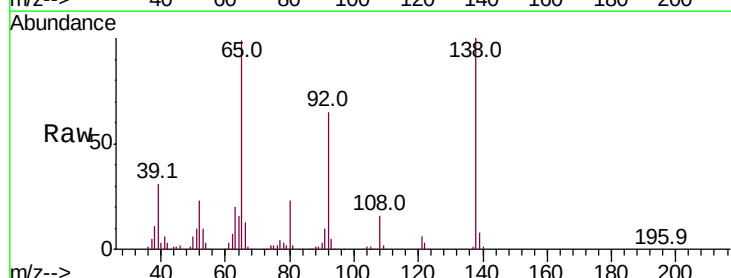
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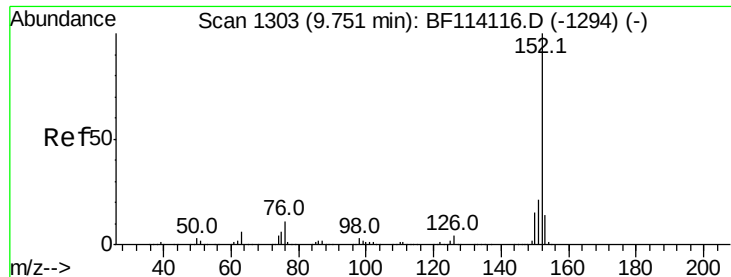
mohammad
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#48
 2-Nitroaniline
 Concen: 40.563 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	214730		
92	66.3		53.9	80.9
138	101.3		81.4	122.0





#49

Acenaphthylene

Concen: 45.379 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

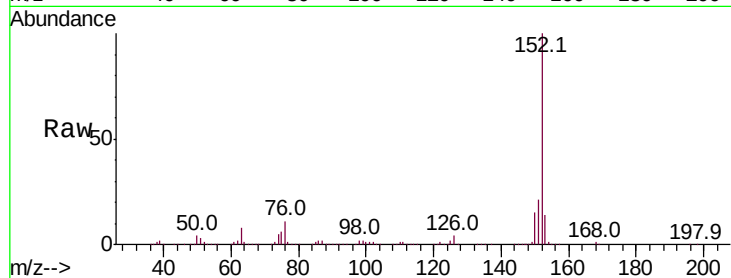
ClientSampleId :

PB119810BS

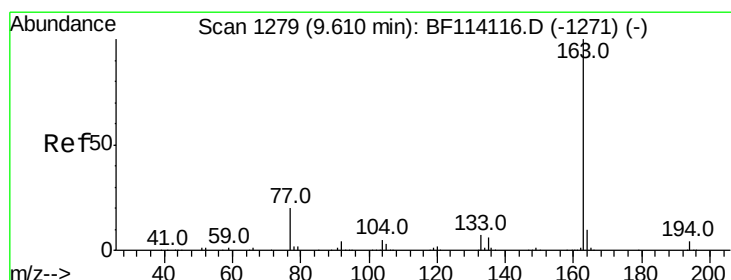
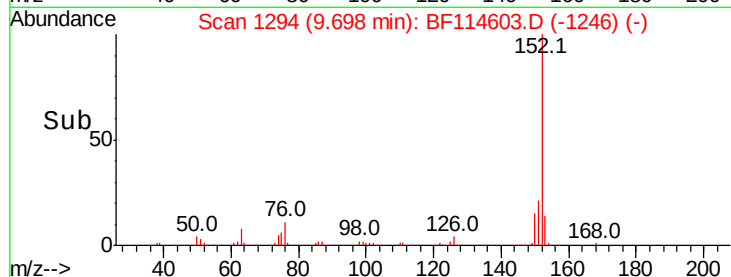
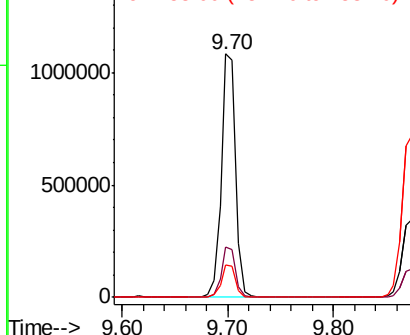
Tot Ion:	152	Resp:	1030221
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	13.6	11.4	17.2

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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: 43.686 ng

RT: 9.56 min Scan# 1270

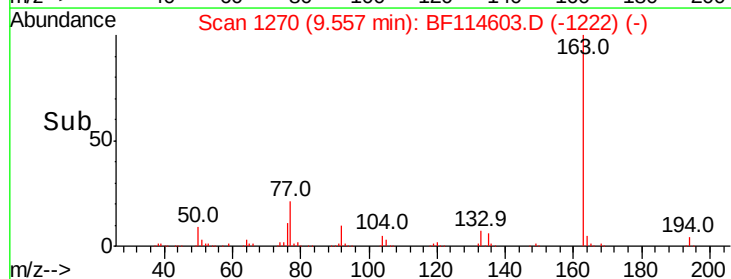
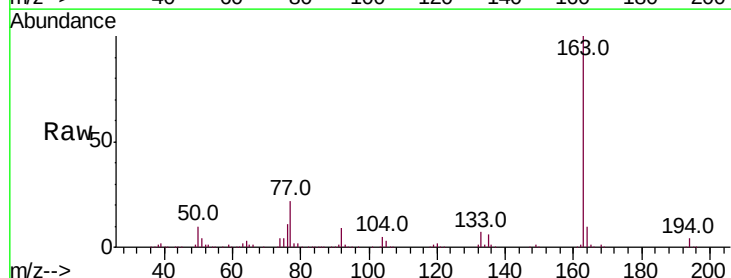
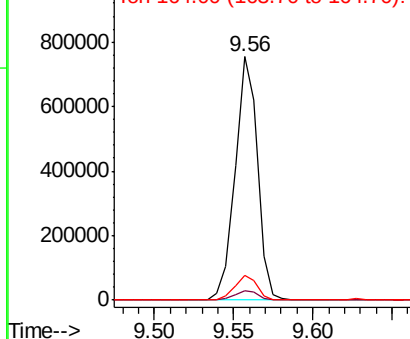
Delta R.T. -0.02 min

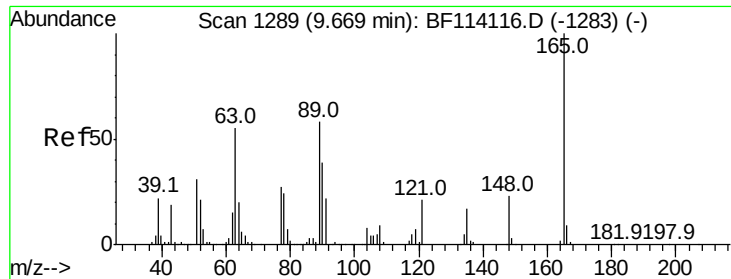
Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:	163	Resp:	736272
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	10.3	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: 44.171 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

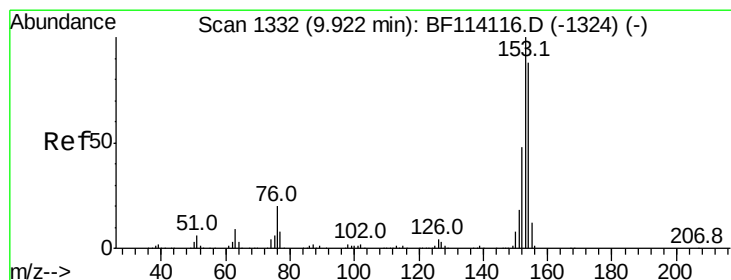
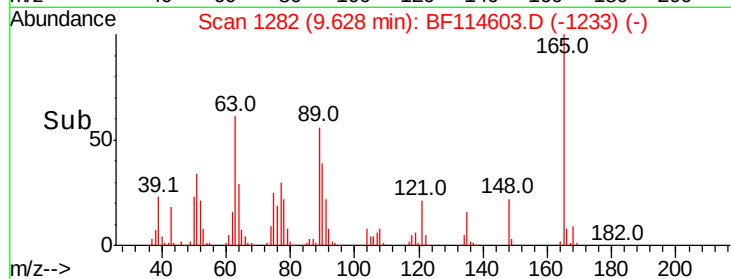
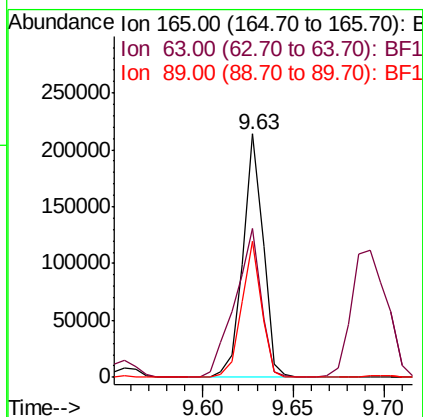
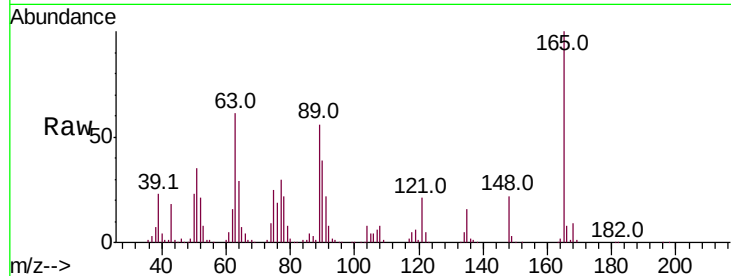
ClientSampled :

PB119810BS

Tot Ion:	165	Resp:	165117
Ion Ratio	Lower	Upper	
165	100		
63	61.2	50.2	75.4
89	56.1	46.6	69.8

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#52

Acenaphthene

Concen: 43.336 ng

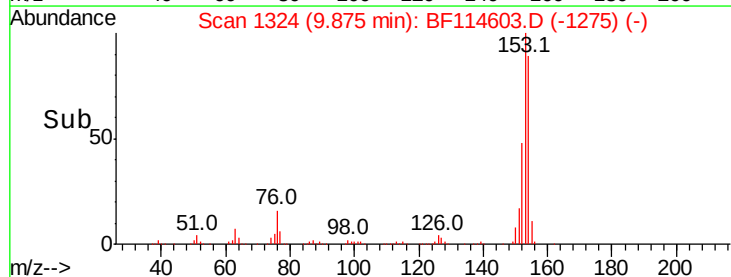
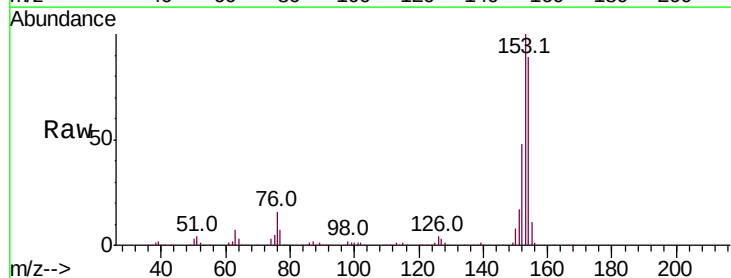
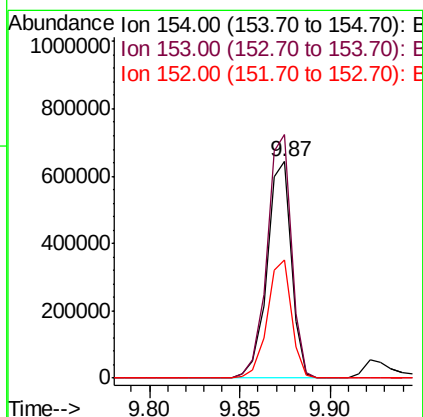
RT: 9.87 min Scan# 1324

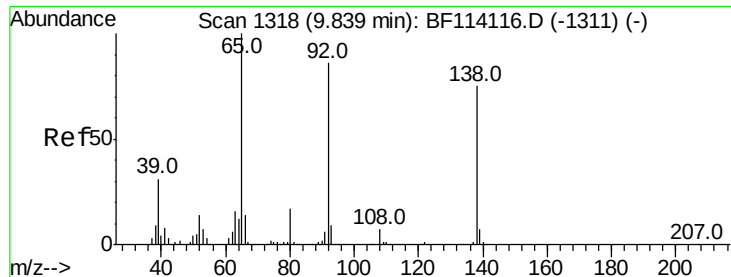
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:	154	Resp:	603729
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.5	135.7
152	54.5	43.4	65.2





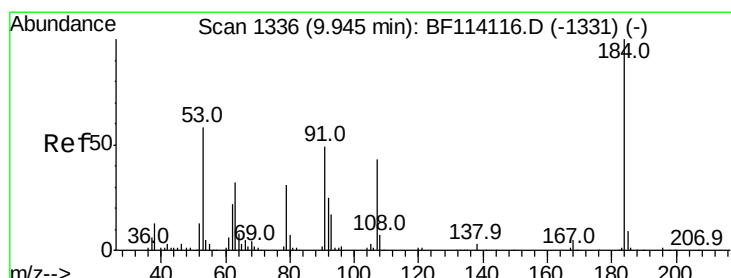
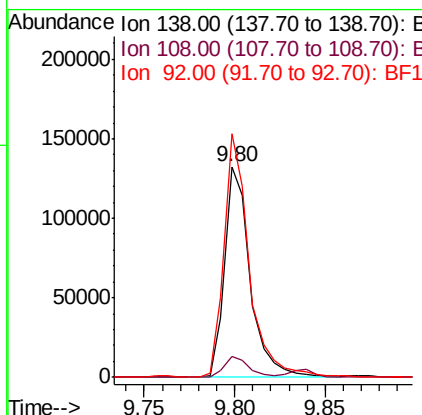
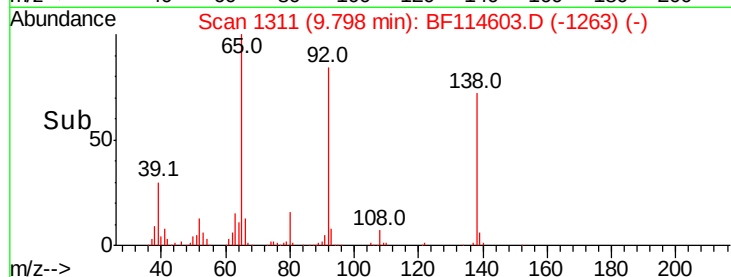
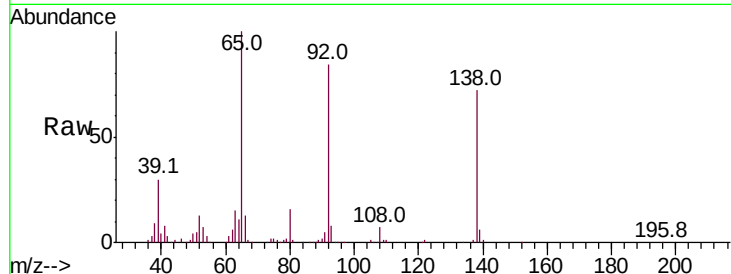
#53
 3-Nitroaniline
 Concen: 28.180 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.6
92	115.7	91.2	136.8

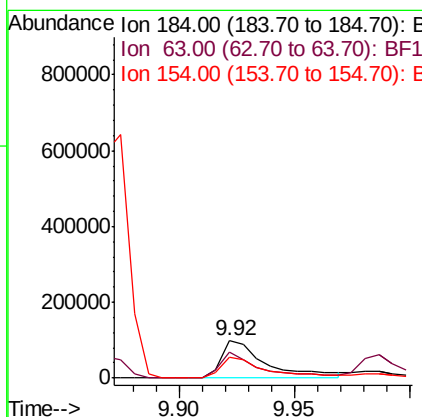
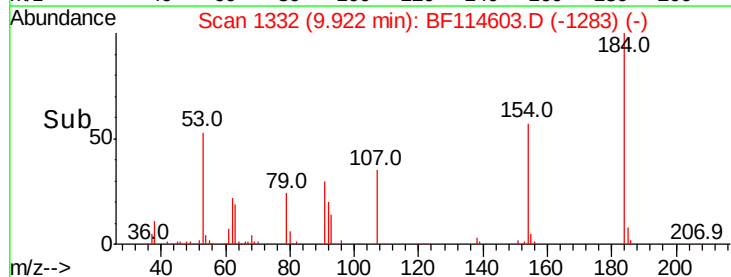
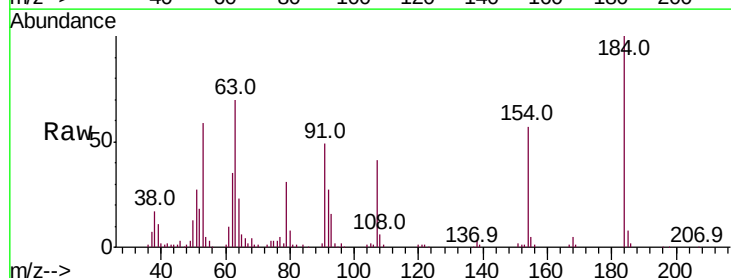
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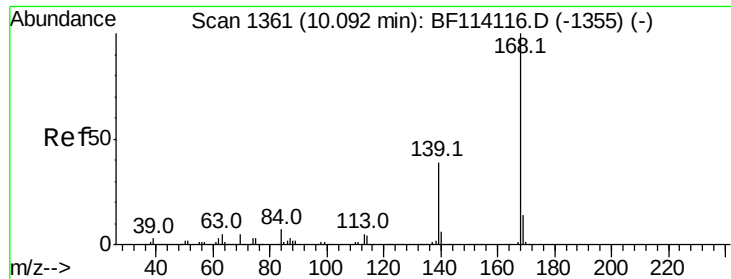
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#54
 2,4-Dinitrophenol
 Concen: 71.438 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.7	55.6	83.4
154	56.5	46.0	69.0





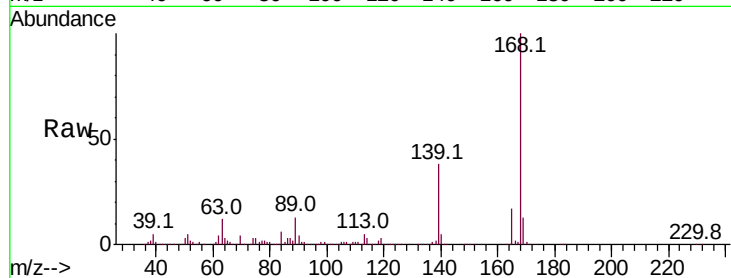
#55
Dibenzofuran
Concen: 43.334 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :
PB119810BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.2	11.4	17.0

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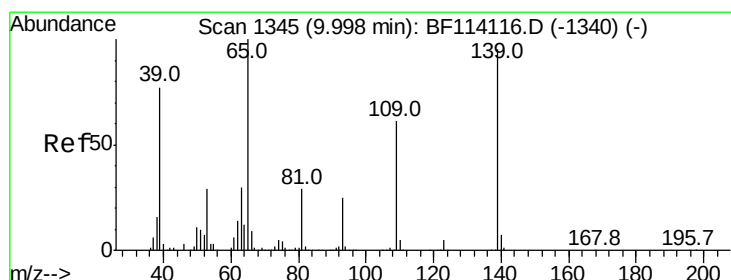
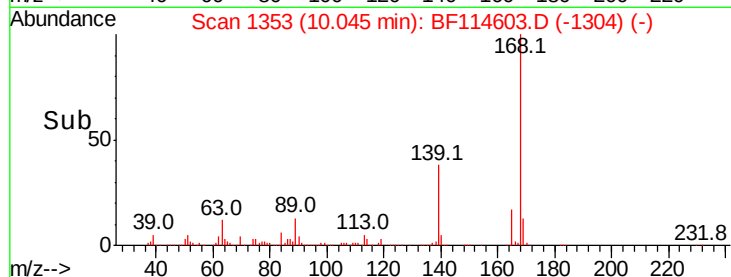
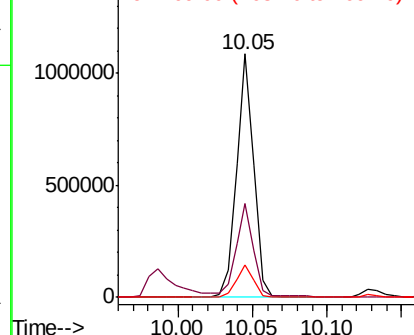


Abundance

Ion 168.00 (167.70 to 168.70): E

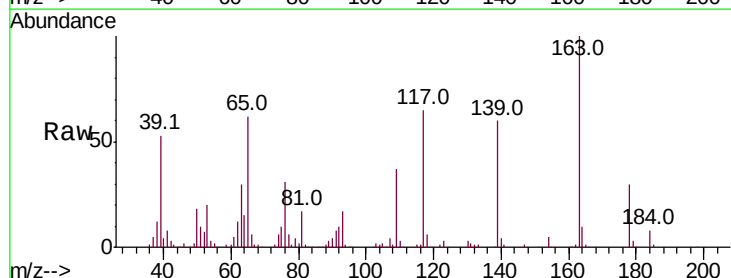
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 50.767 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	43.9	83.9
65	104.3	85.7	125.7

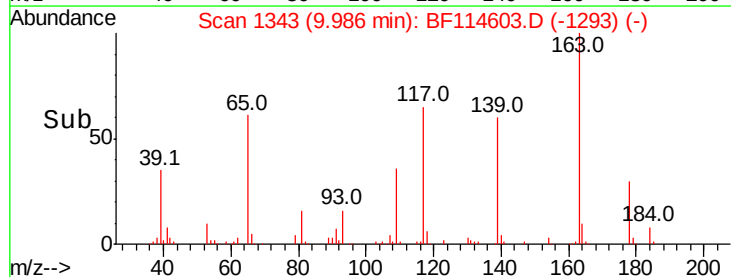
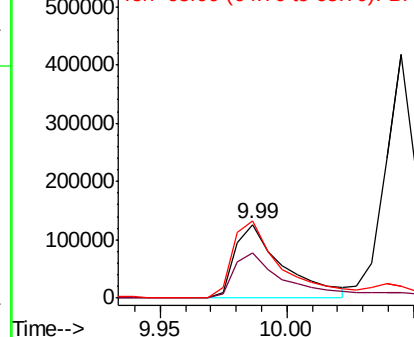


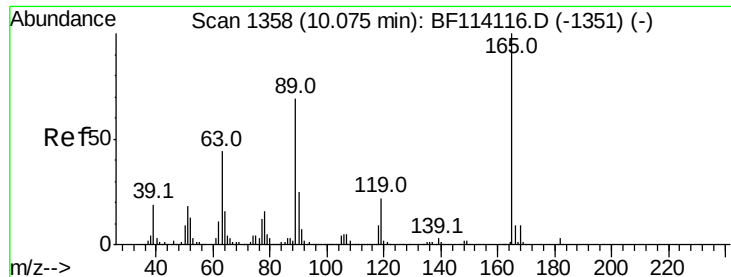
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.734 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

PB119810BS

Tot Ion:165 Resp: 206672
Ion Ratio Lower Upper

165 100

63 67.5 35.5 53.3#

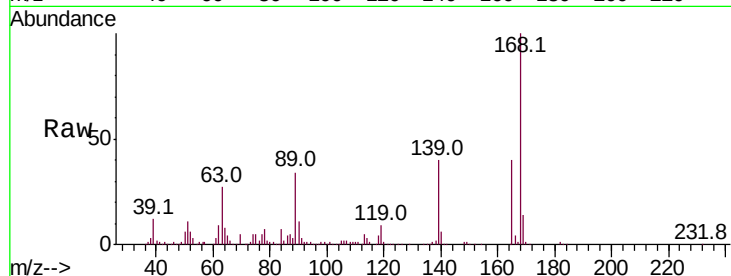
89 83.5 55.2 82.8#

182 2.5 2.2 3.2

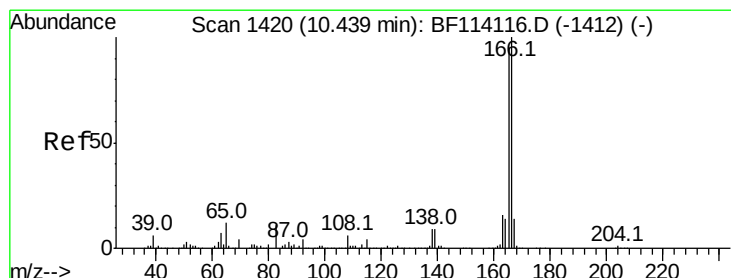
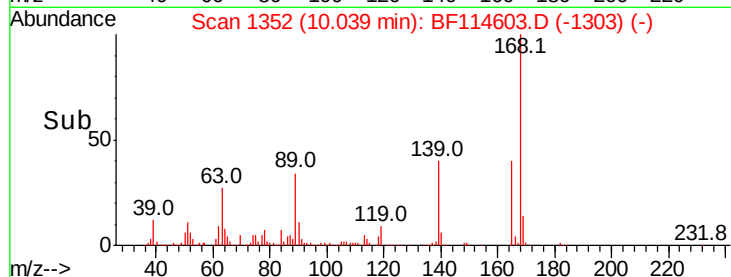
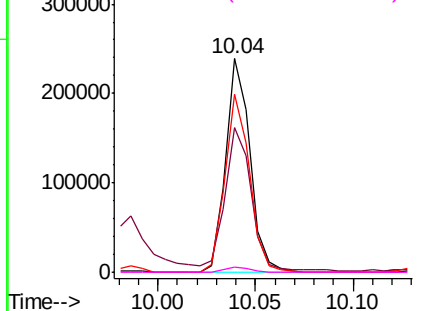
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.185 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114603.D

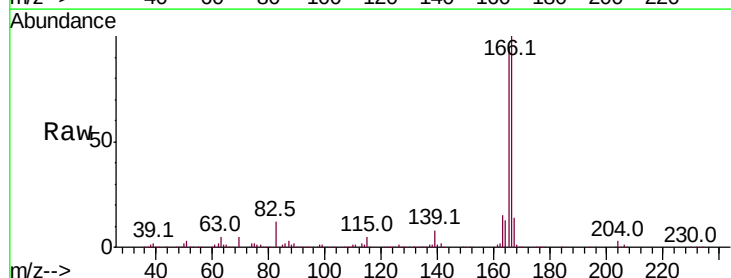
Acq: 25 May 2019 15:00

Tgt Ion:166 Resp: 728748
Ion Ratio Lower Upper

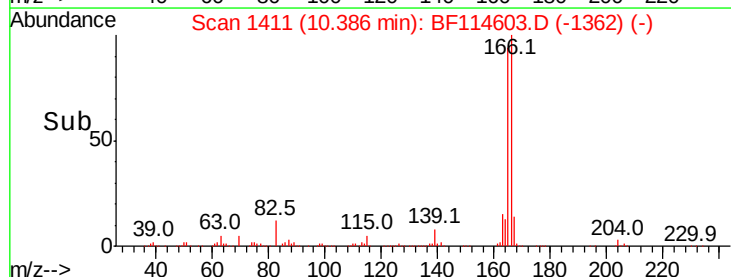
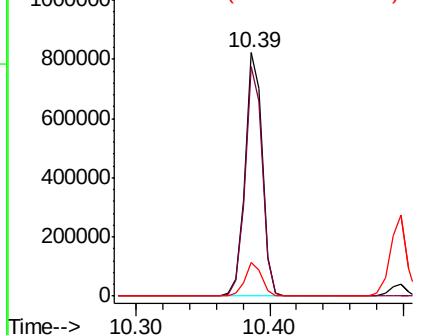
166 100

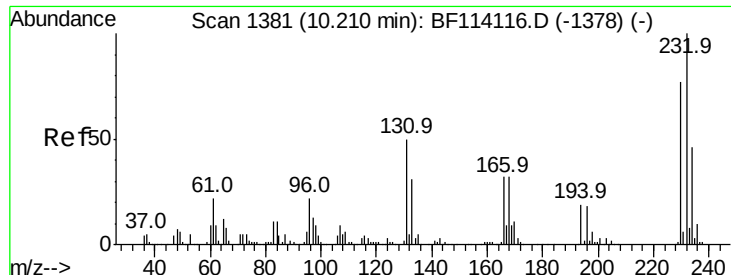
165 94.1 76.1 114.1

167 13.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





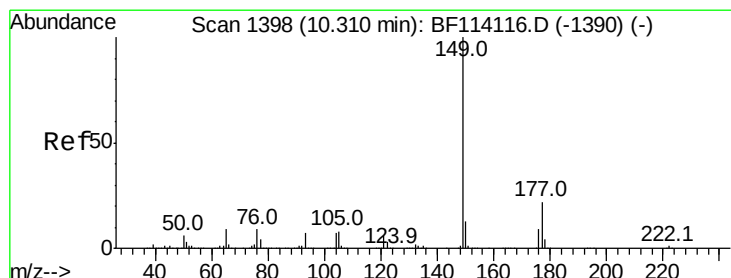
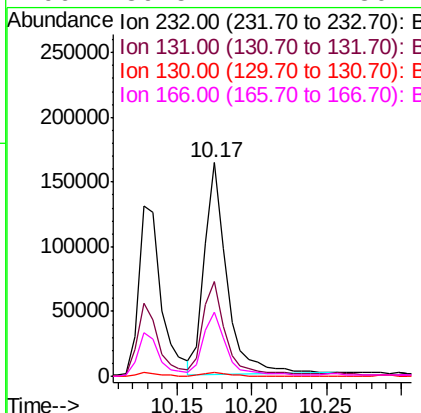
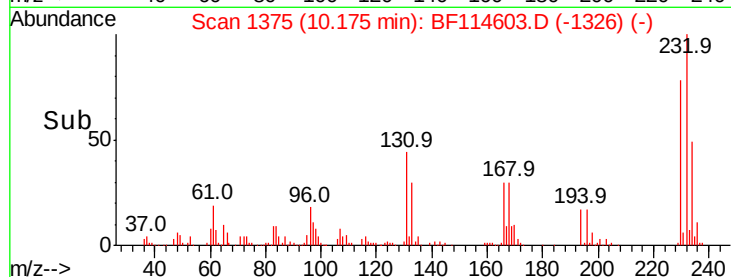
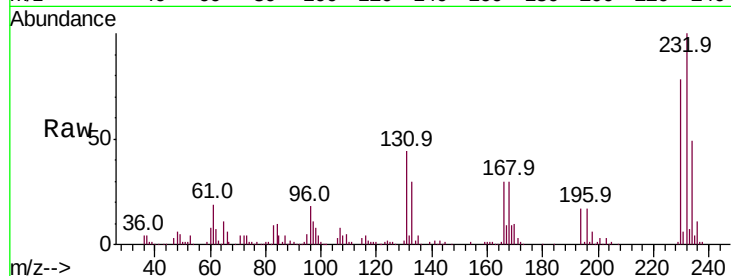
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.286 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	170526		
131	43.9		35.6	53.4
130	2.1		1.6	2.4
166	30.5		24.1	36.1

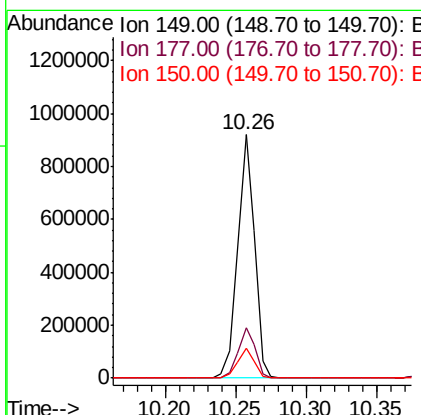
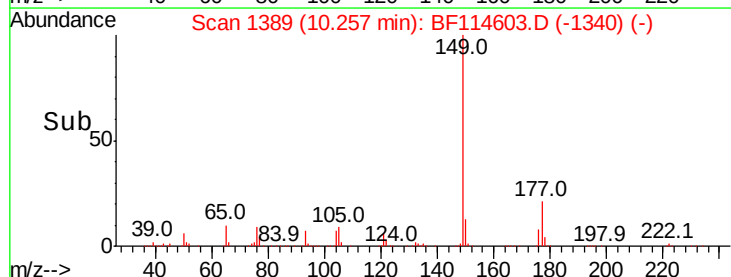
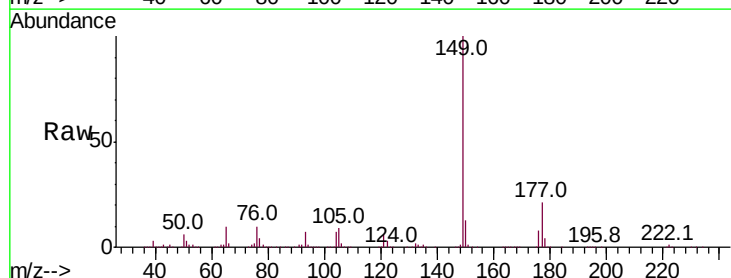
Manual Integrations
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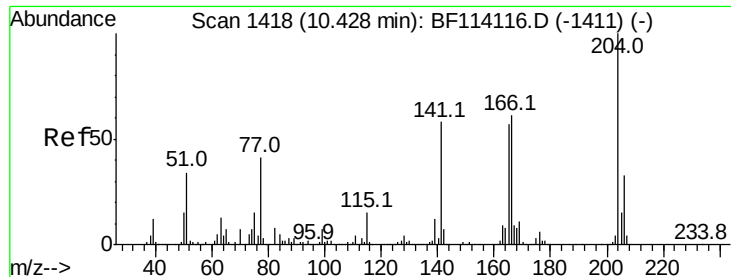
mohammad
 5/27/2019 3:49:44 AM



#60
 Diethylphthalate
 Concen: 44.442 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	761039		
177	20.8		17.8	26.6
150	12.5		10.2	15.2





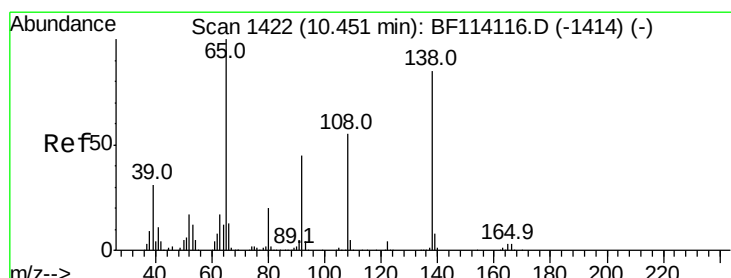
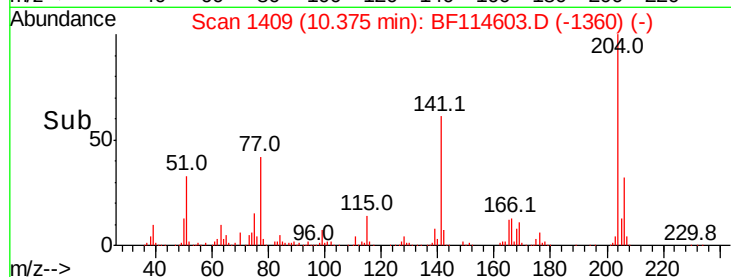
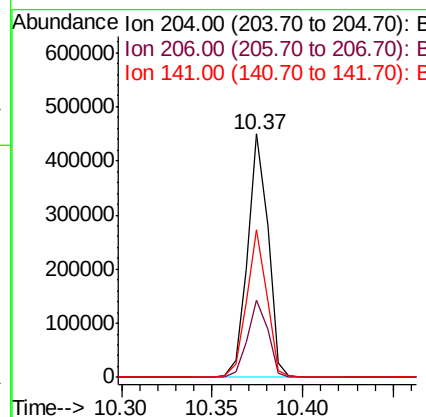
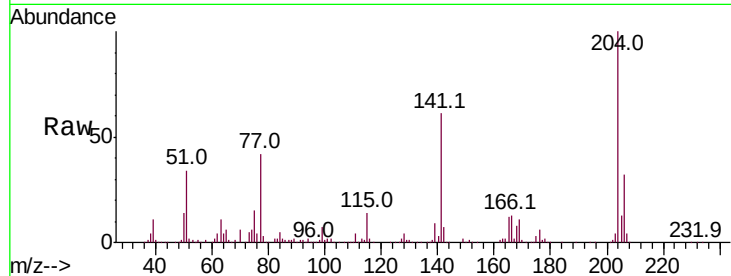
#61
4-Chlorophenyl-phenylether
Concen: 45.492 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.6	39.8
141	60.8	46.4	69.6

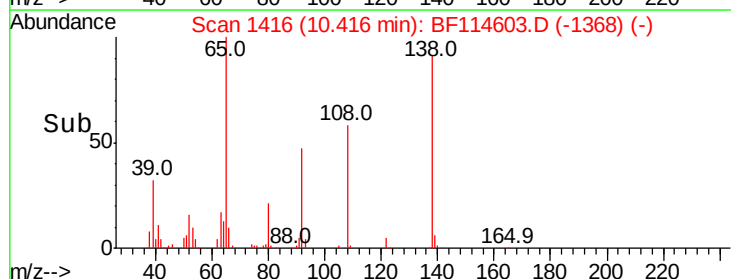
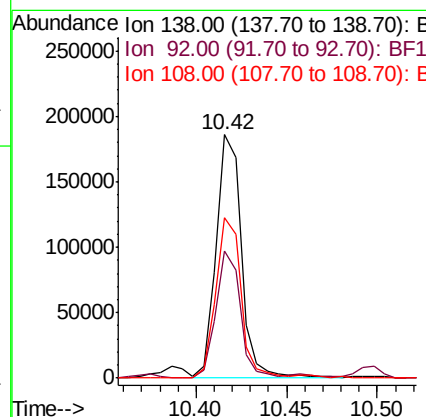
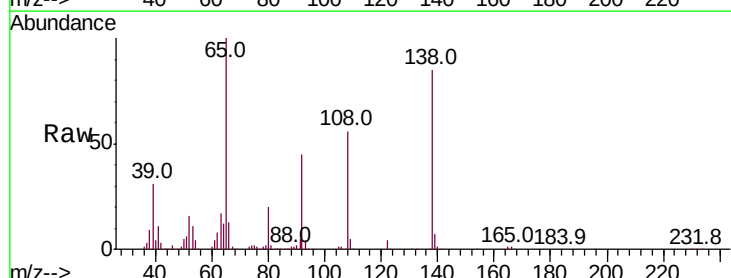
Manual Integrations
APPROVED

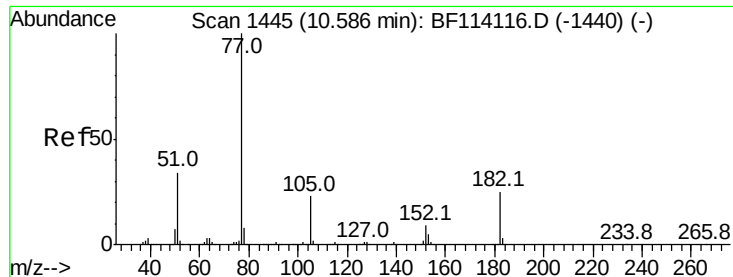
mohammad
5/27/2019 3:49:44 AM



#62
4-Nitroaniline
Concen: 36.620 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	33.0	73.0
108	65.9	44.9	84.9





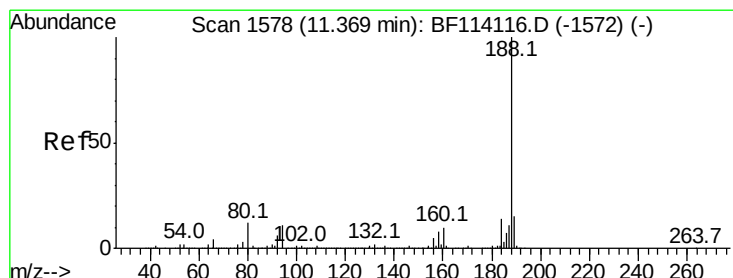
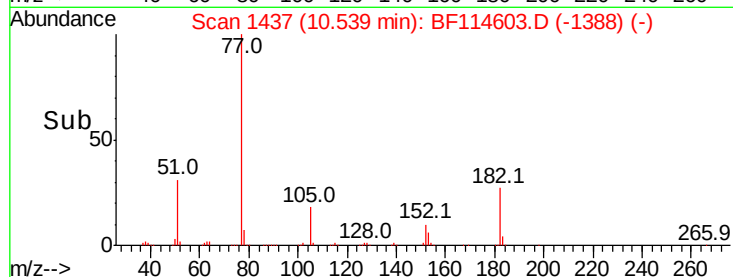
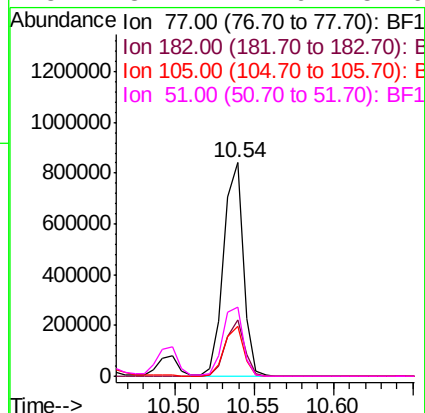
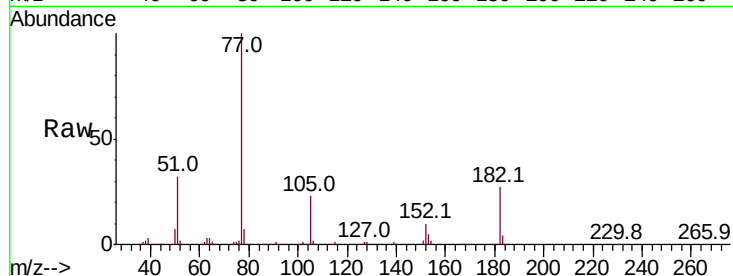
#63
Azobenzene
Concen: 43.664 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	4.7	44.7	
105	23.1	2.9	42.9	
51	32.4	14.6	54.6	

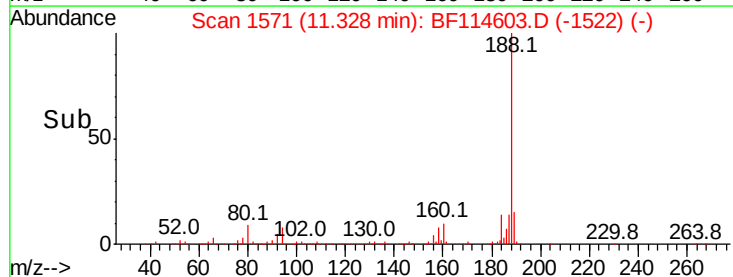
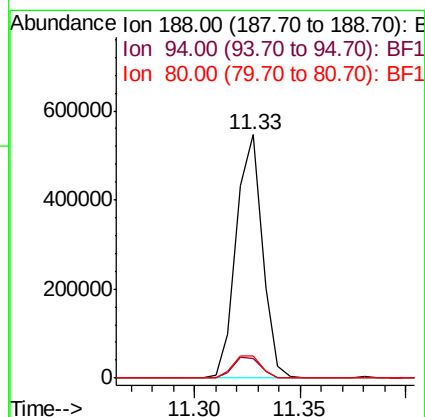
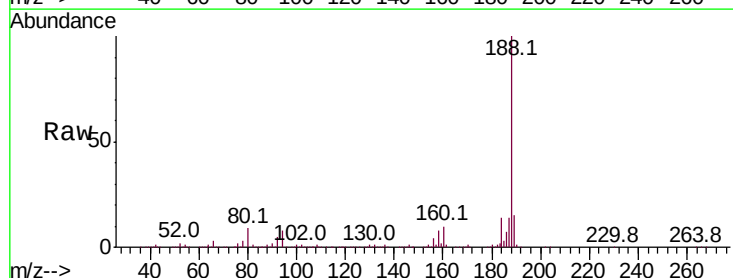
Manual Integrations
APPROVED

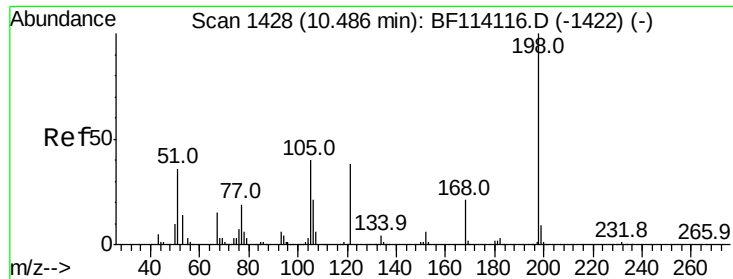
mohammad
5/27/2019 3:49:44 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	8.4	12.6#	
80	9.1	9.2	13.8#	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.494 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

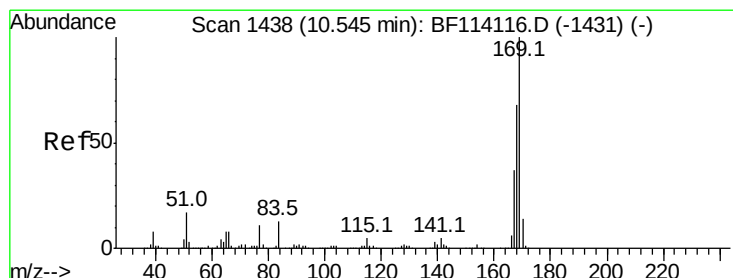
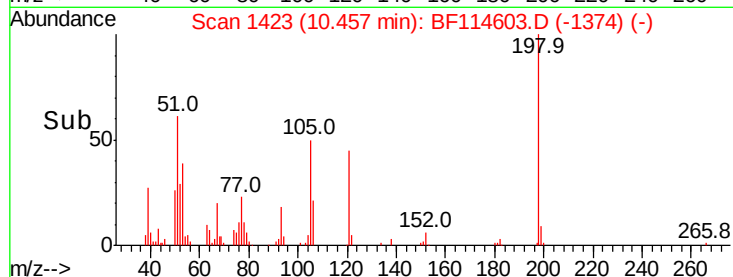
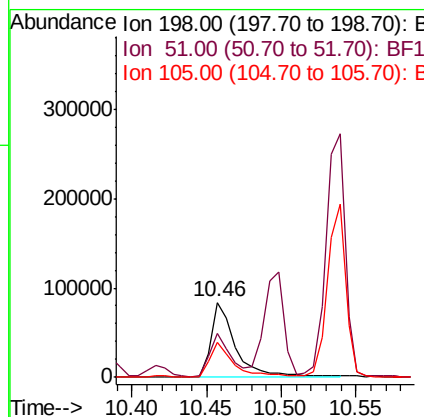
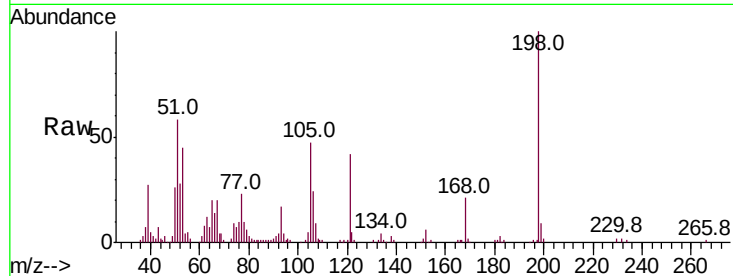
ClientSampled :

PB119810BS

Tot Ion:	198	Resp:	94976
Ion Ratio	Lower	Upper	
198	100		
51	58.0	28.0	68.0
105	46.6	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 45.673 ng

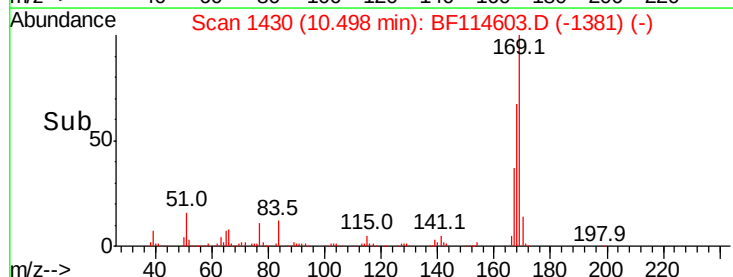
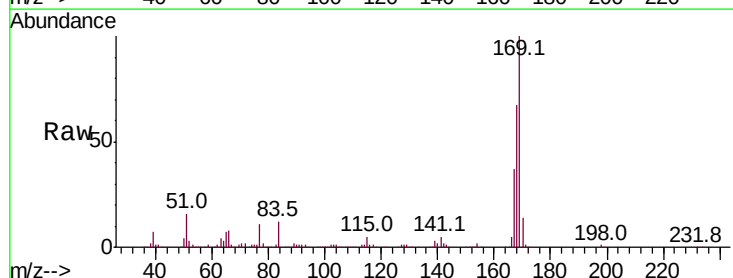
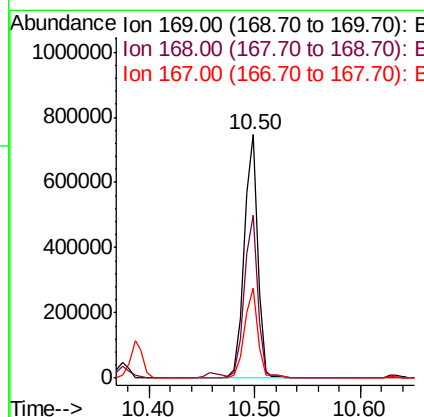
RT: 10.50 min Scan# 1430

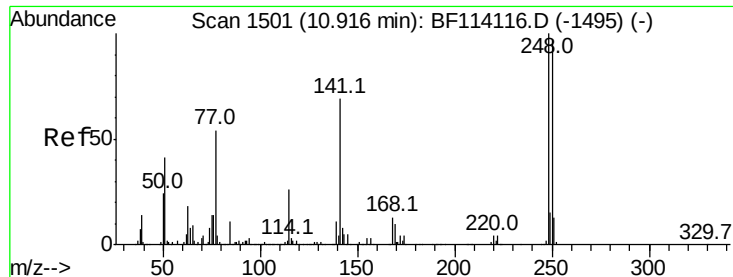
Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Tgt Ion:	169	Resp:	644767
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.2	81.2
167	36.8	29.8	44.8





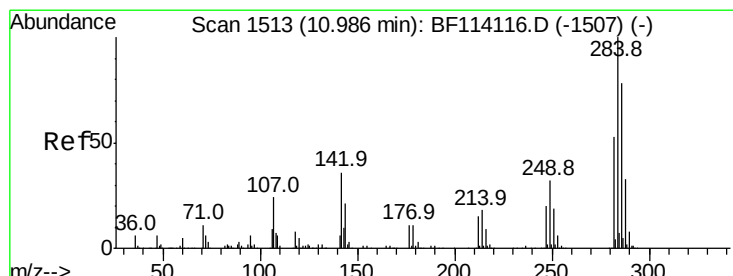
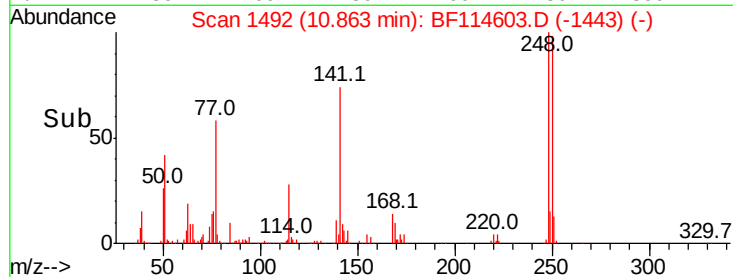
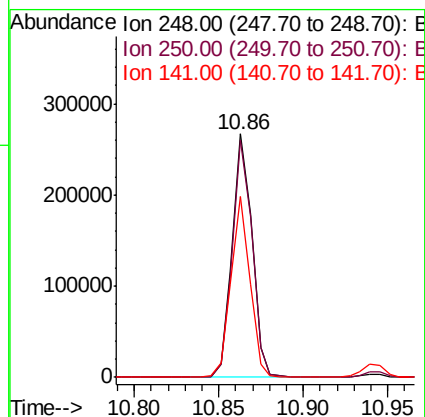
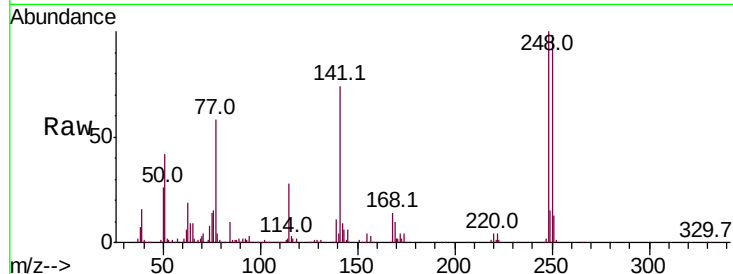
#67
4-Bromophenyl-phenylether
Concen: 42.543 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.4	116.2
141	74.4	55.6	83.4

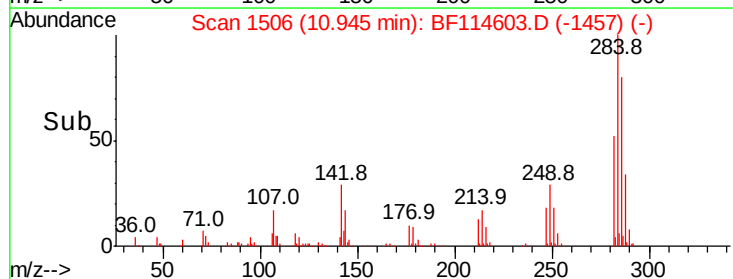
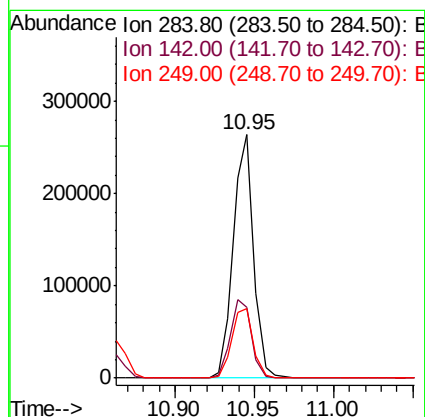
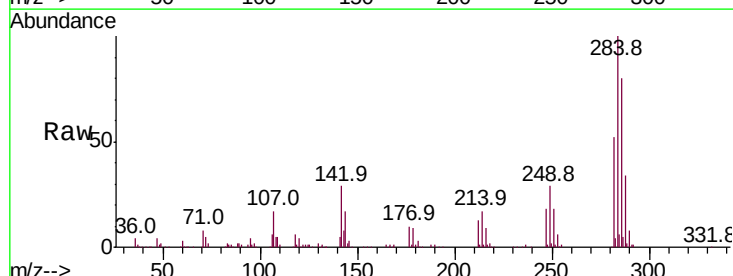
Manual Integrations
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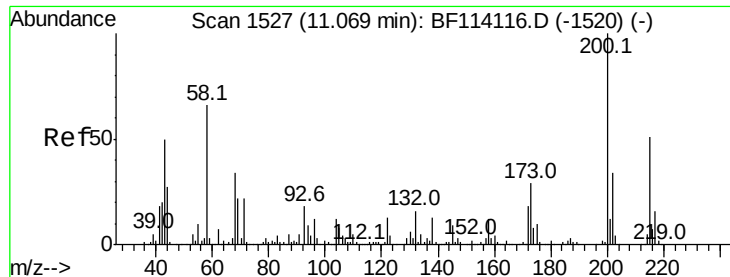
mohammad
5/27/2019 3:49:44 AM



#68
Hexachlorobenzene
Concen: 41.200 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	28.4	42.6
249	28.8	25.2	37.8





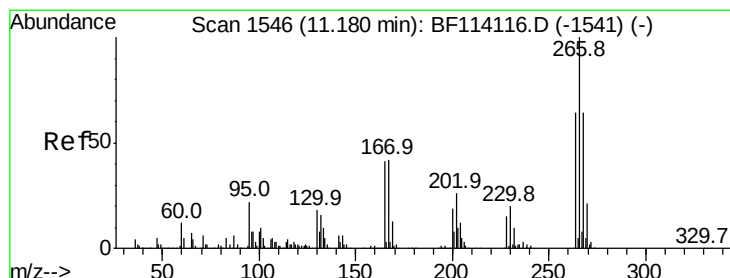
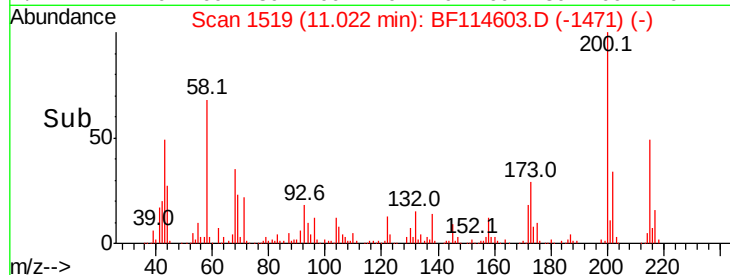
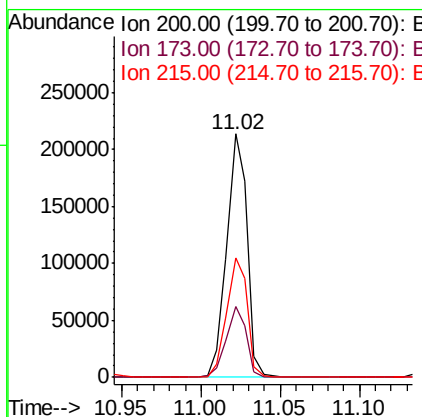
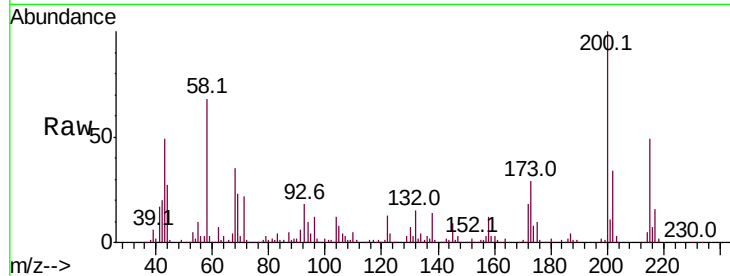
#69
 Atrazine
 Concen: 43.341 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampled :
 PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	190404		
173	29.1	8.9	48.9	
215	48.8	30.7	70.7	

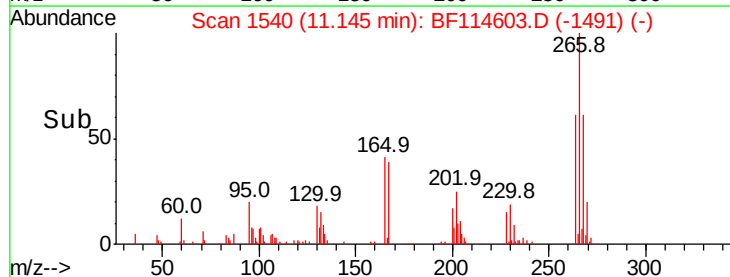
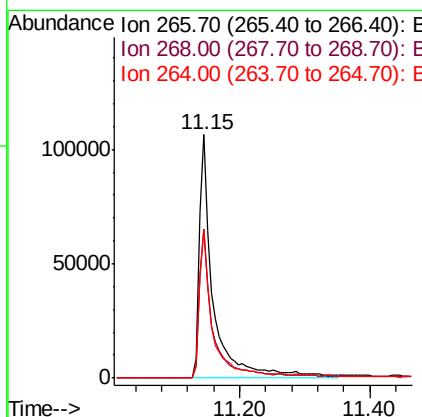
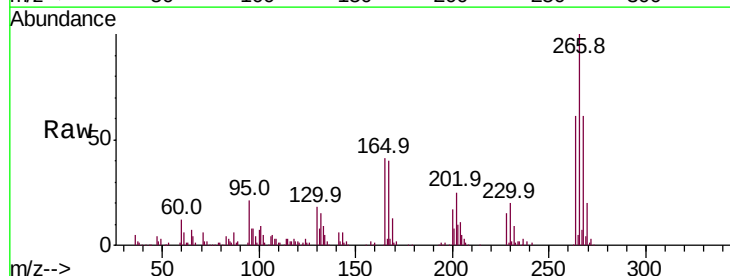
Manual Integrations
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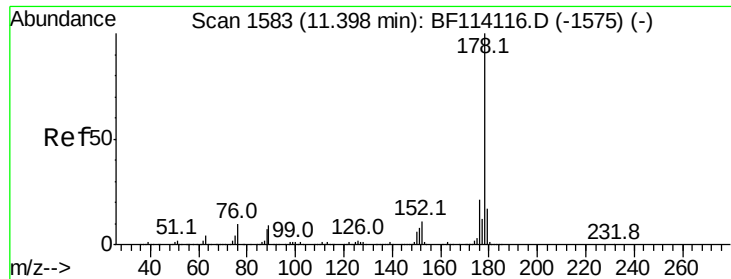
mohammad
 5/27/2019 3:49:44 AM



#70
 Pentachlorophenol
 Concen: 59.431 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159615		
268	61.2	51.1	76.7	
264	61.0	51.1	76.7	





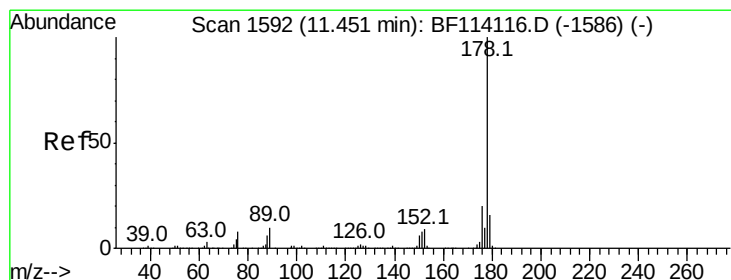
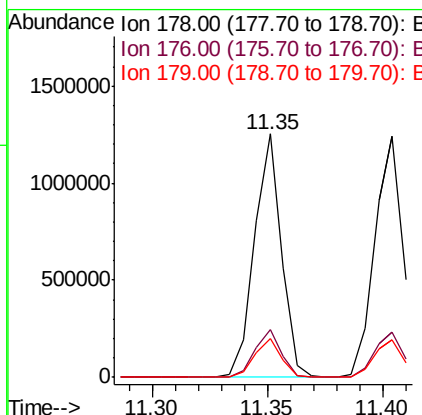
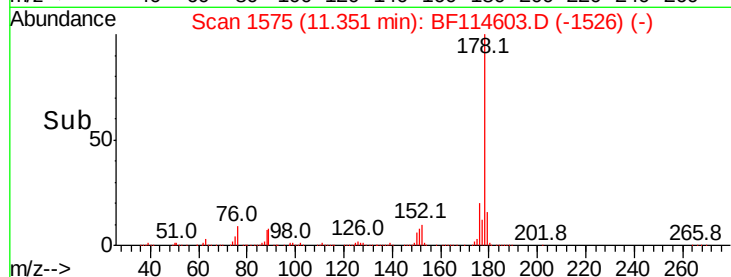
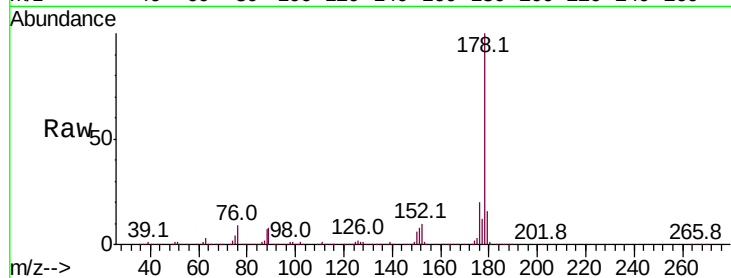
#71
 Phenanthrene
 Concen: 45.371 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.0	13.2	19.8

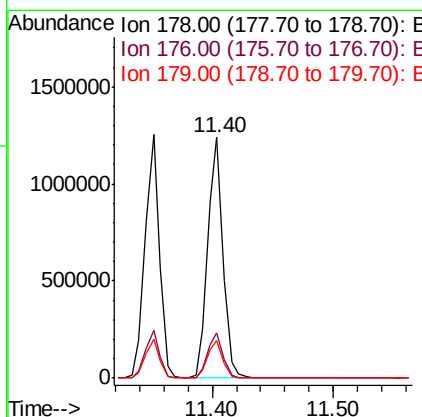
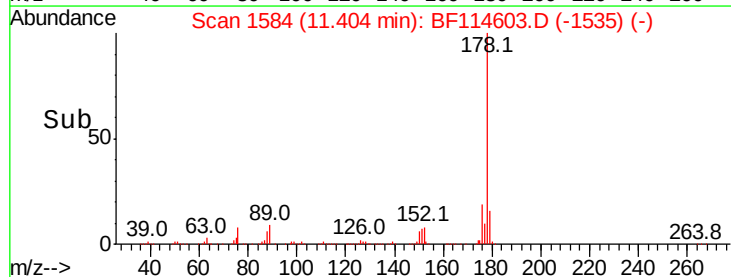
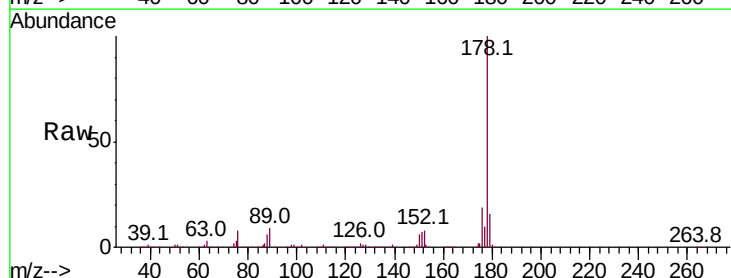
Manual Integrations
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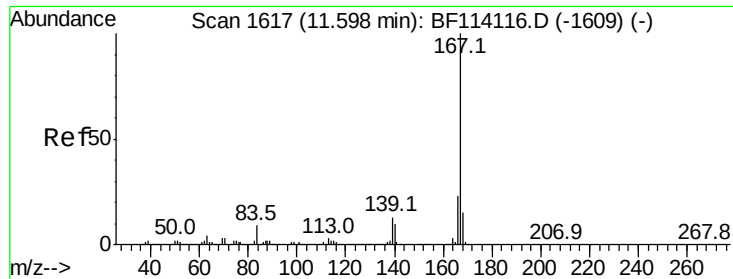
mohammad
 5/27/2019 3:49:44 AM



#72
 Anthracene
 Concen: 47.274 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.7	13.0	19.4





#73

Carbazole

Concen: 46.581 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampled :

PB119810BS

Tot Ion:167 Resp: 1009606

Ion Ratio Lower Upper

167 100

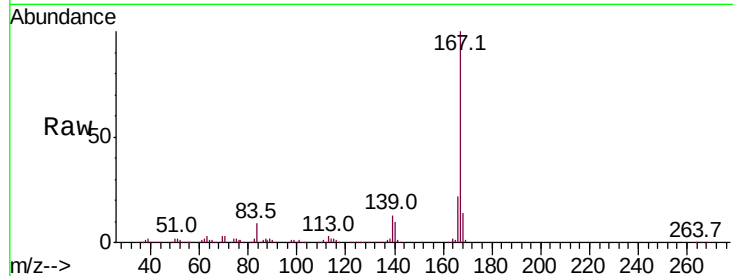
166 21.7 18.2 27.2

139 12.7 10.6 16.0

Manual Integrations
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mohammad

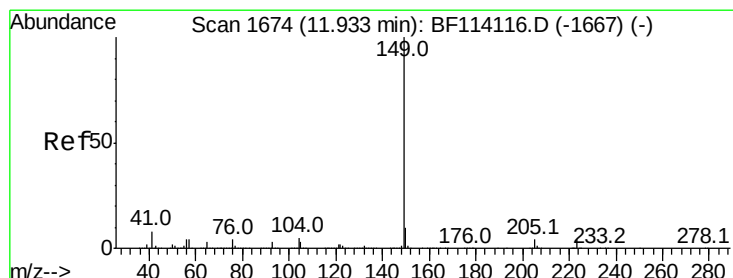
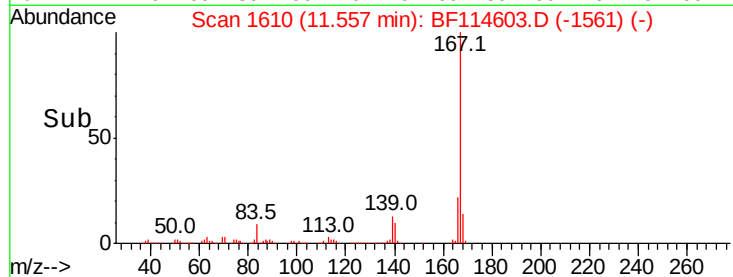
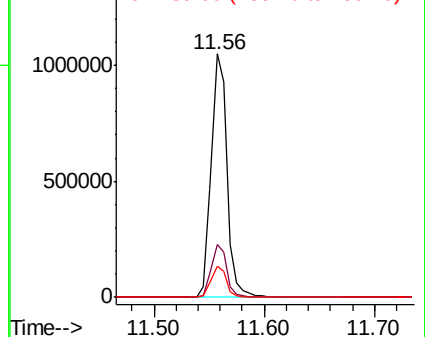
5/27/2019 3:49:44 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.625 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

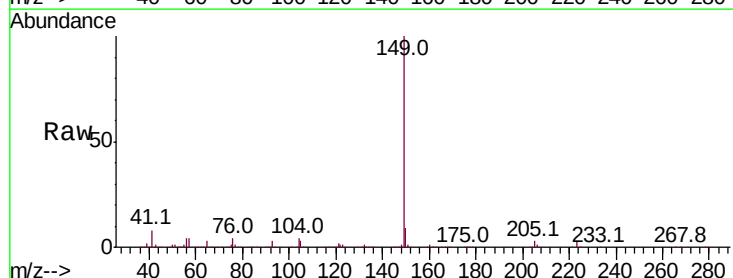
Tgt Ion:149 Resp: 1214209

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

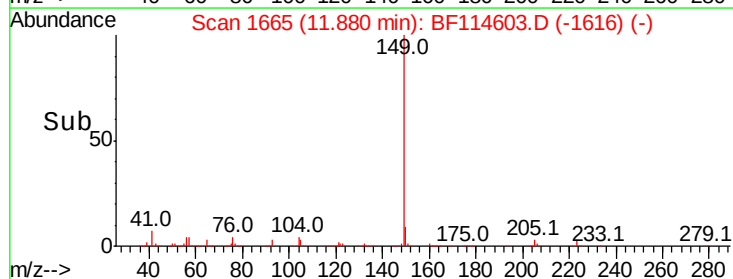
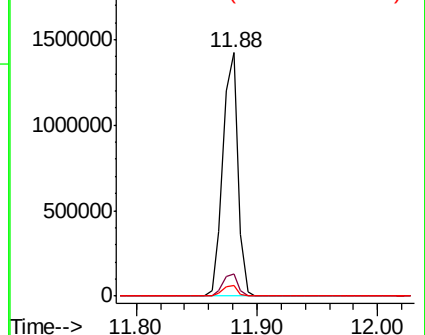
104 4.3 3.6 5.4

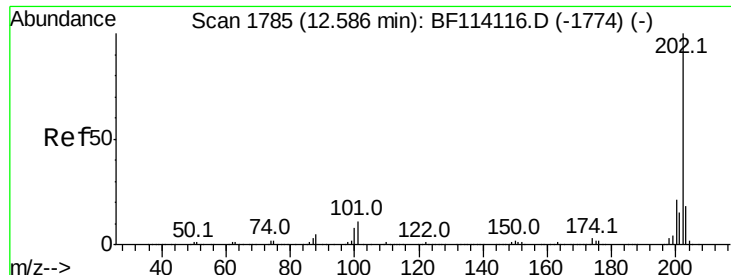


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





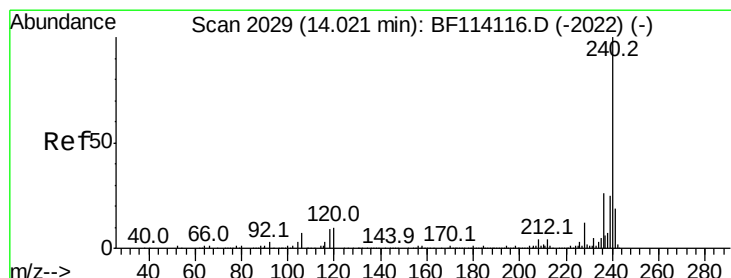
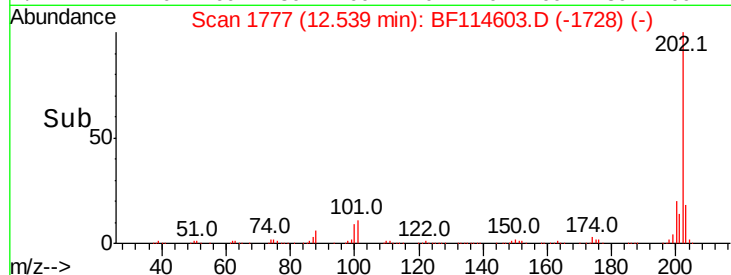
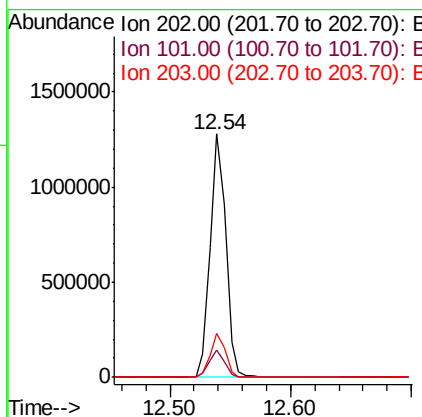
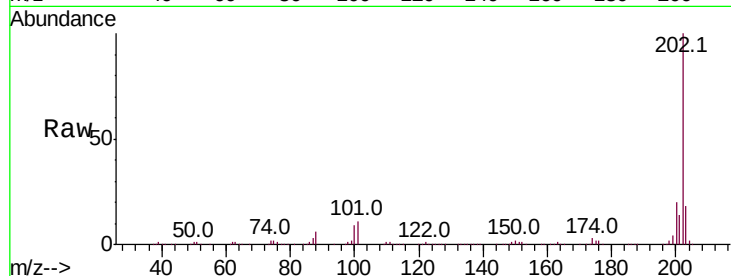
#75
 Fluoranthene
 Concen: 46.993 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.4	0.0	31.0	
203	17.9	0.0	38.4	

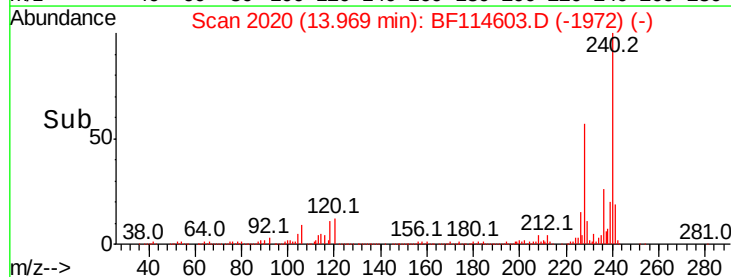
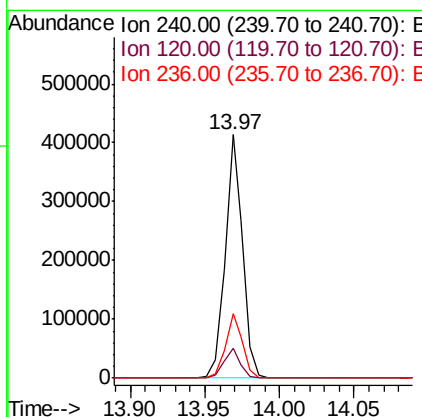
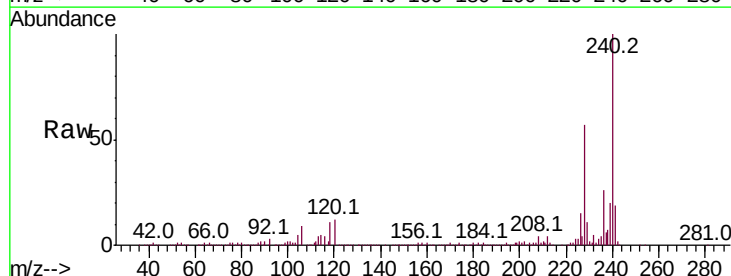
Manual Integrations
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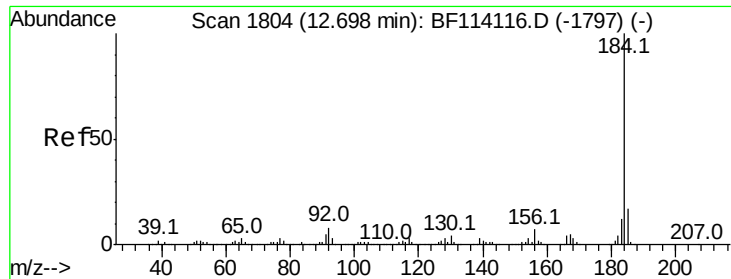
mohammad
 5/27/2019 3:49:44 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.4	8.3	12.5	
236	26.5	20.8	31.2	





#77

Benzidine

Concen: 38.559 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

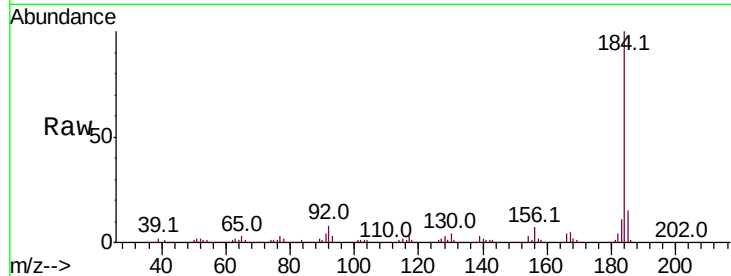
ClientSampleId :

PB119810BS

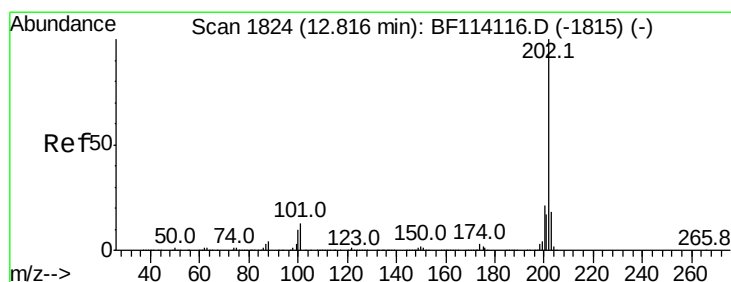
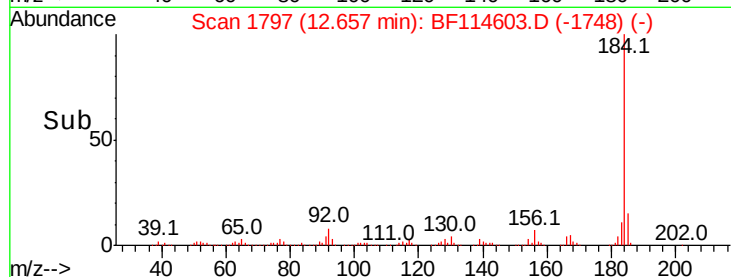
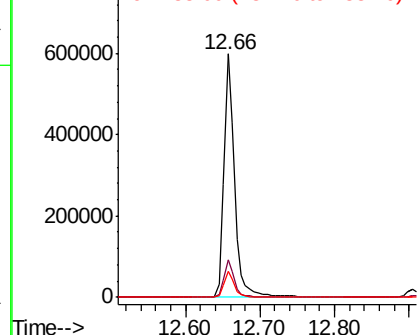
Tot Ion:	184	Resp:	586153
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	10.6	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.497 ng

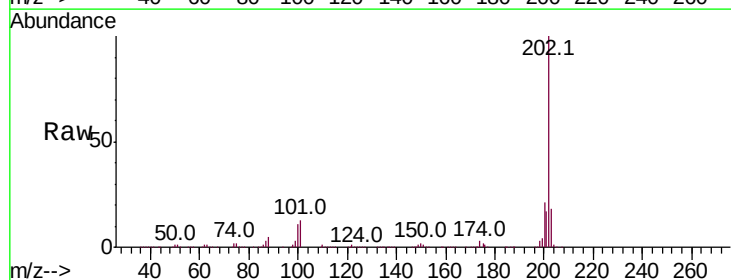
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

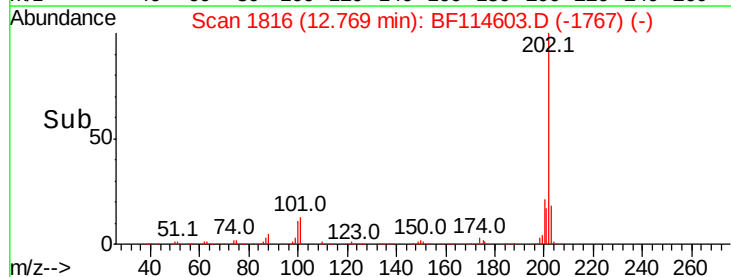
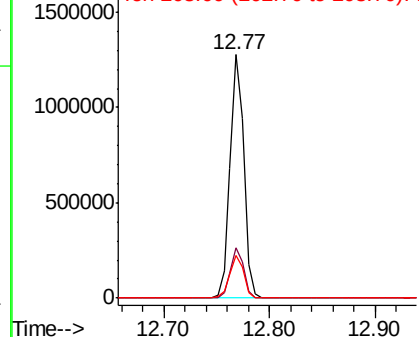
Lab File: BF114603.D

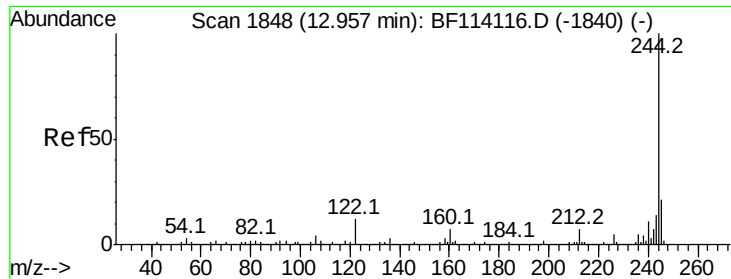
Acq: 25 May 2019 15:00

Tgt Ion:	202	Resp:	1157743
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.9	25.3
203	17.7	14.5	21.7



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





#79

Terphenyl-d14

Concen: 93.000 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

PB119810BS

Tot Ion:244 Resp: 1527807

Ion Ratio Lower Upper

244 100

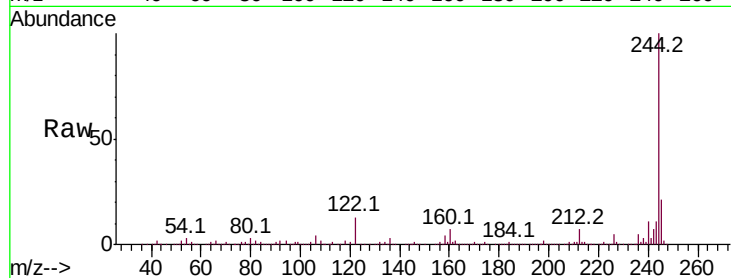
212 7.0 5.8 8.6

122 13.0 9.4 14.2

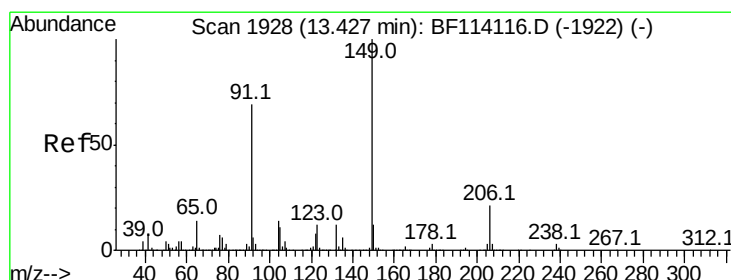
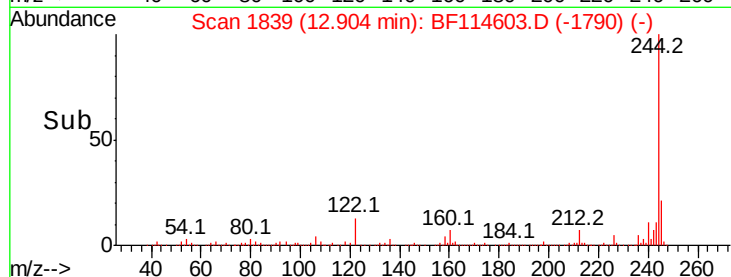
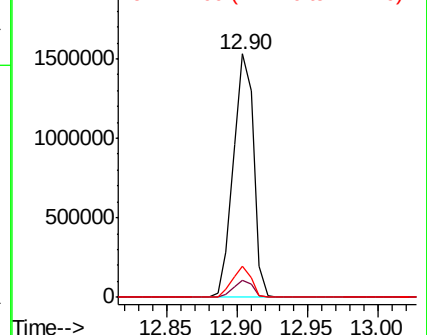
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.048 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

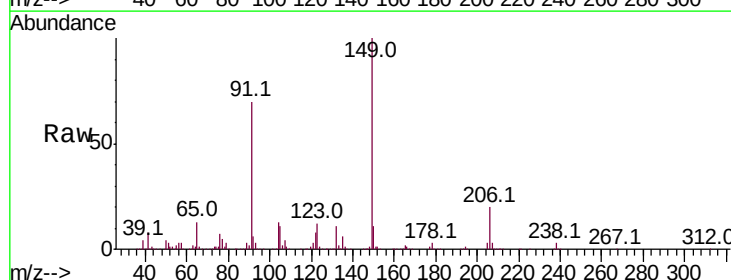
Tgt Ion:149 Resp: 539491

Ion Ratio Lower Upper

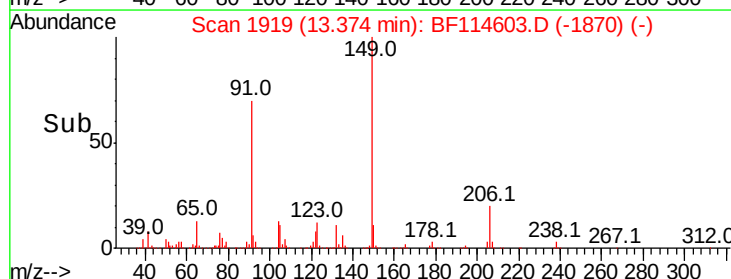
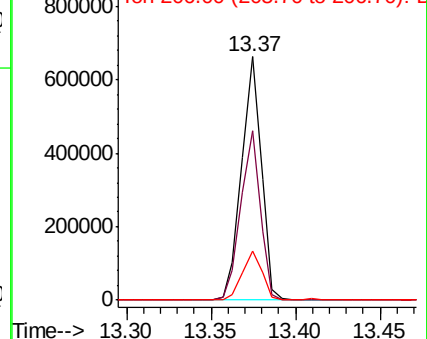
149 100

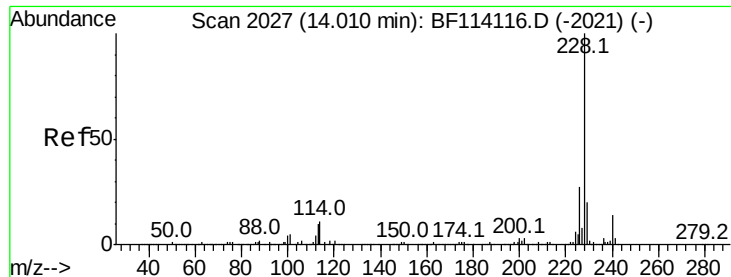
91 69.7 55.0 82.4

206 20.2 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





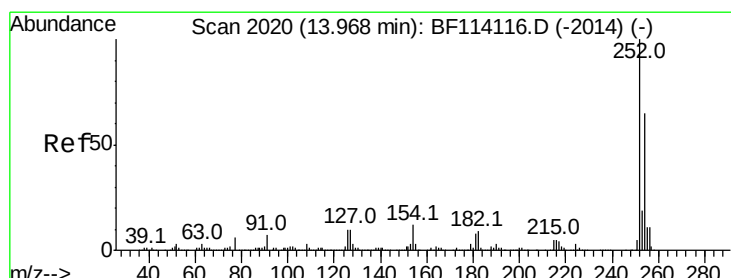
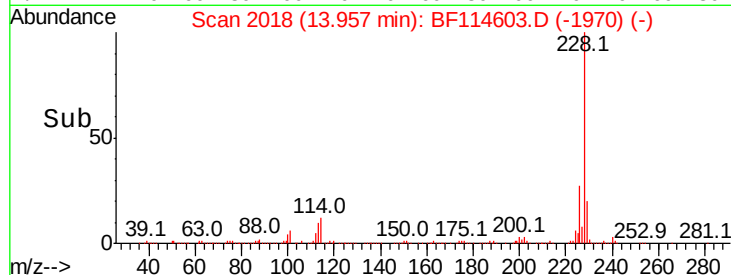
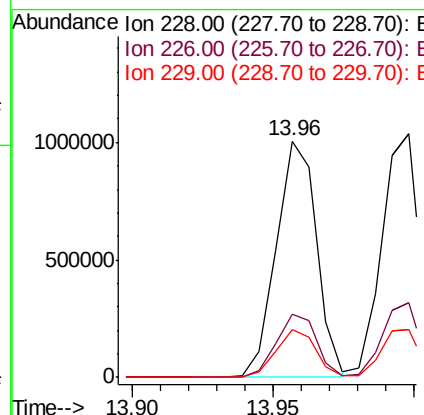
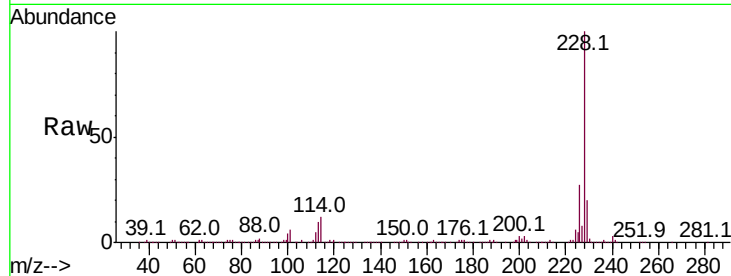
#81
Benzo(a)anthracene
Concen: 45.277 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampled :
PB119810BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	20.0	16.4	24.6

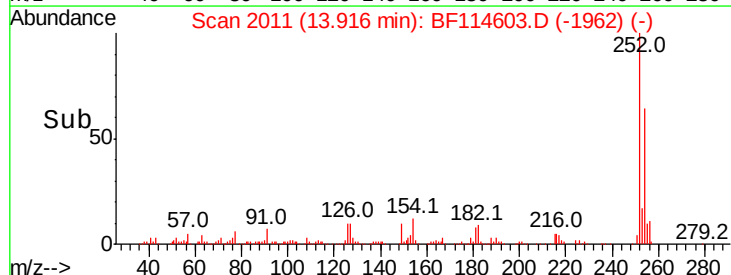
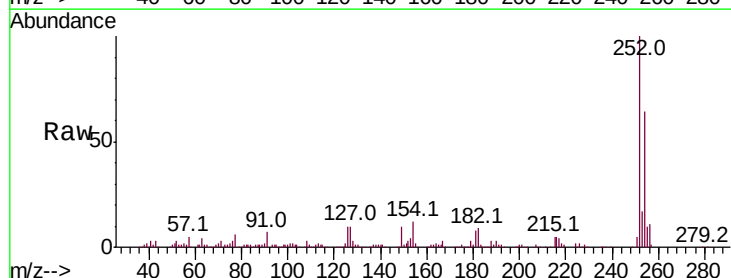
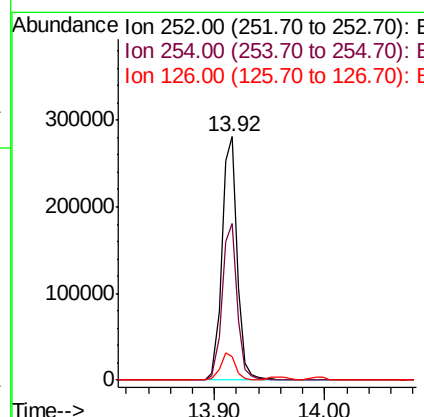
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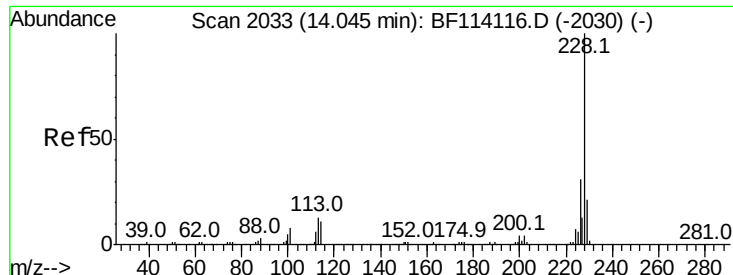
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 31.820 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.9	77.9
126	9.5	7.9	11.9





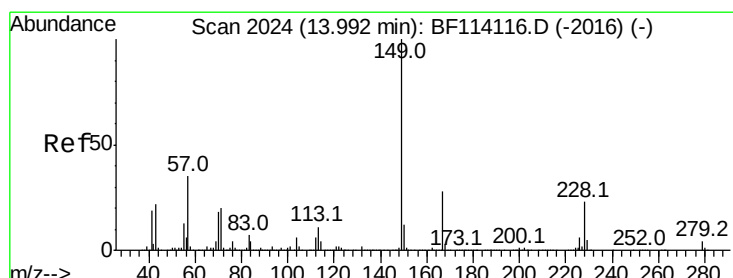
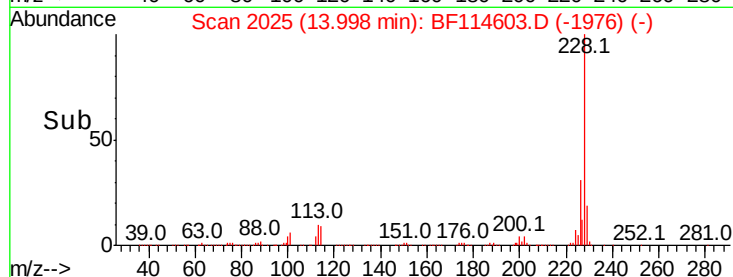
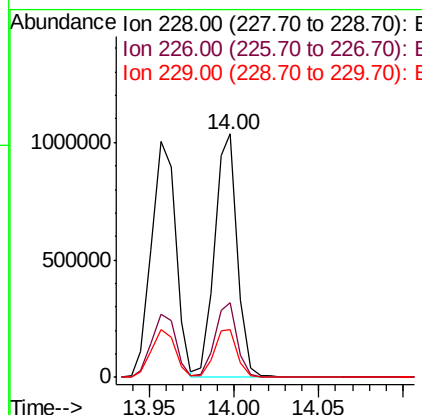
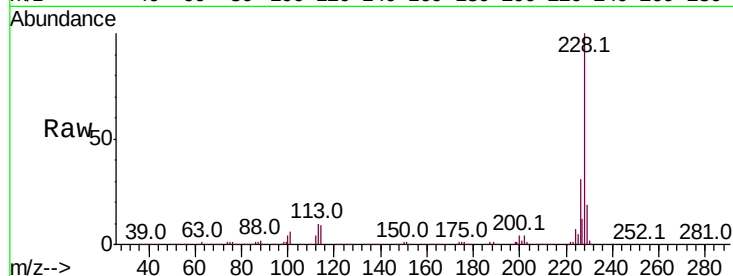
#83
 Chrysene
 Concen: 45.466 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119810BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.4	17.0	25.6

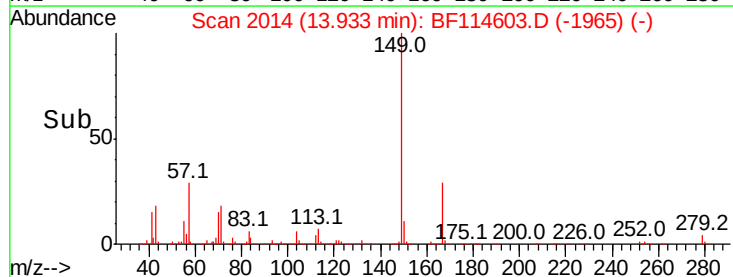
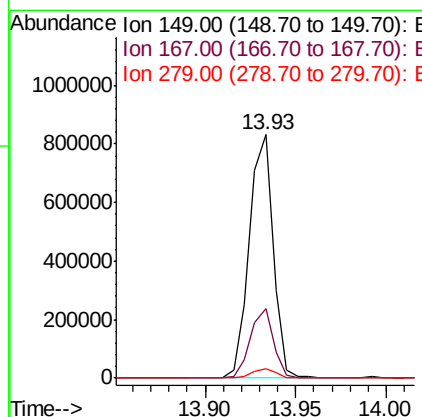
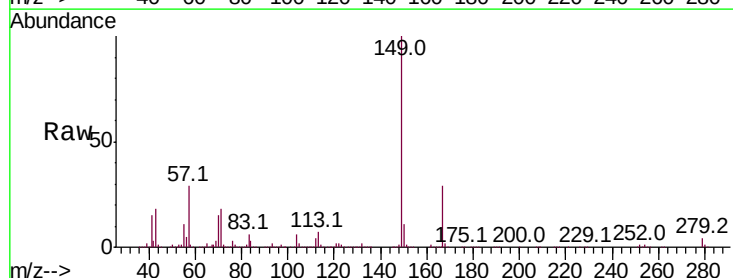
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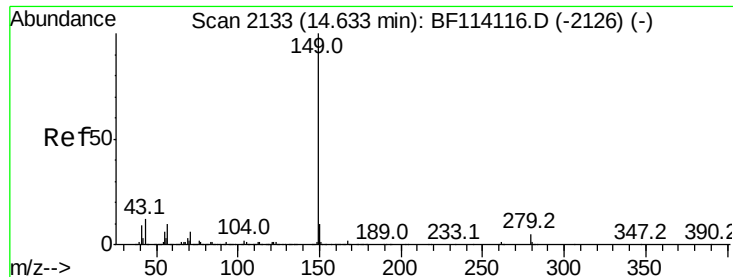
mohammad
 5/27/2019 3:49:44 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.926 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114603.D
 Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	33.8
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 52.583 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

Instrument :

BNA_F

ClientSampleId :

PB119810BS

Tot Ion:149 Resp: 1278362

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

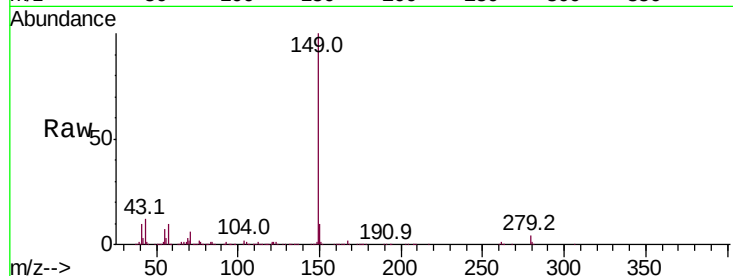
43 11.9 10.1 15.1

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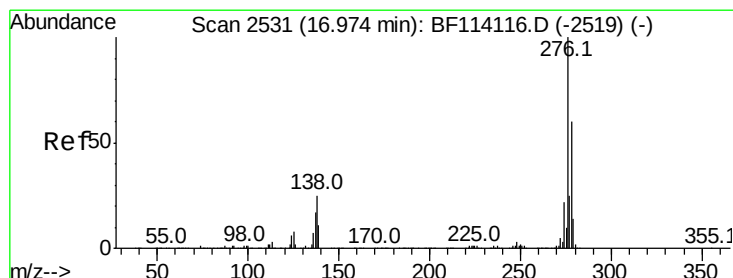
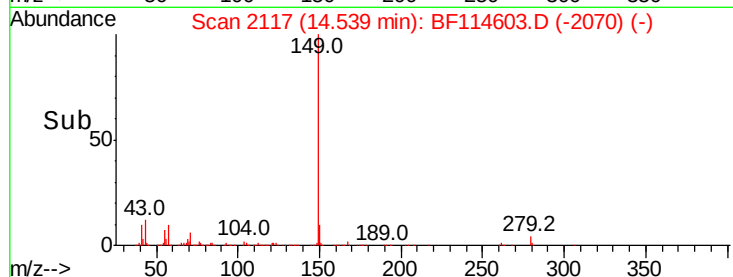
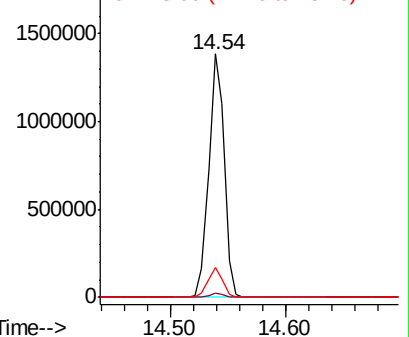
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.873 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114603.D

Acq: 25 May 2019 15:00

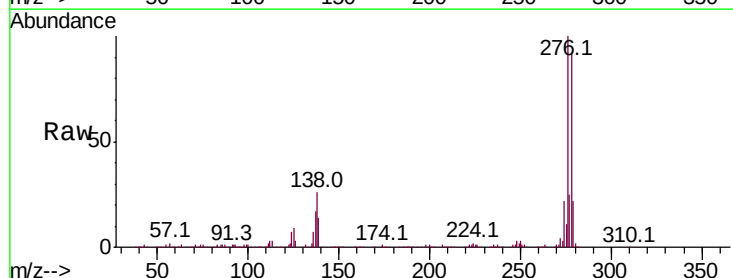
Tgt Ion:276 Resp: 908463

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

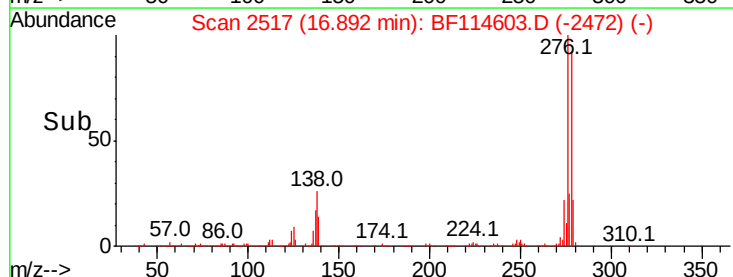
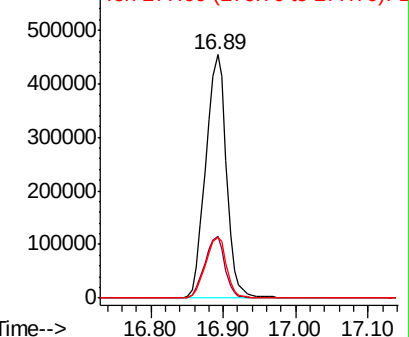
277 25.1 20.0 30.0

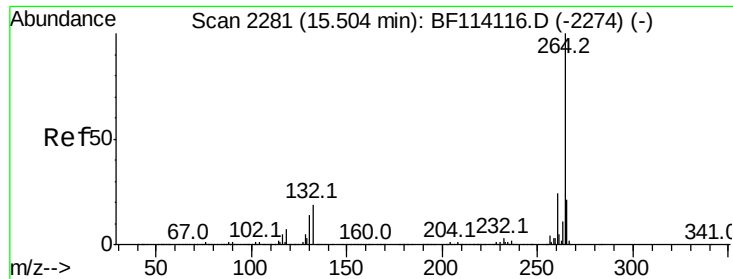


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





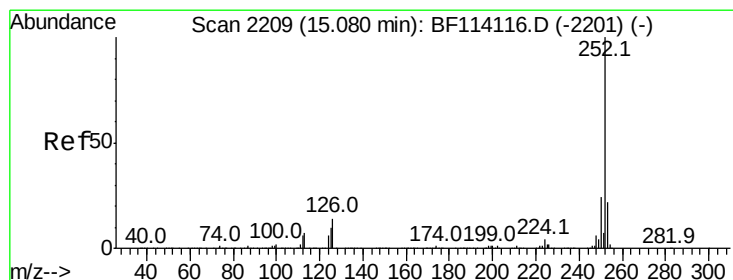
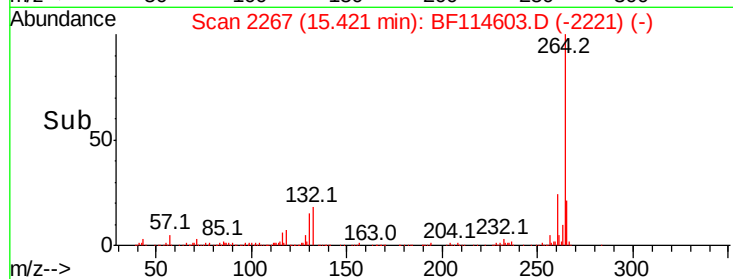
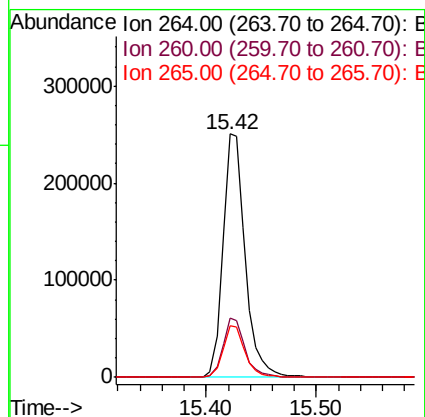
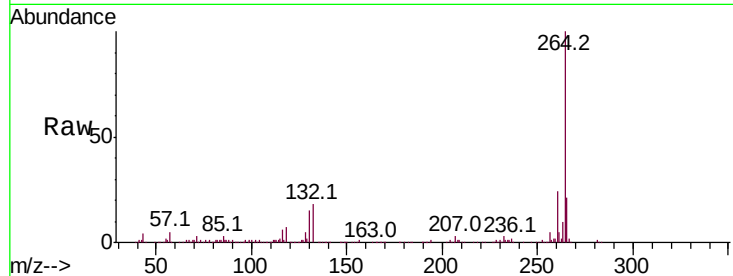
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.3	16.9	25.3

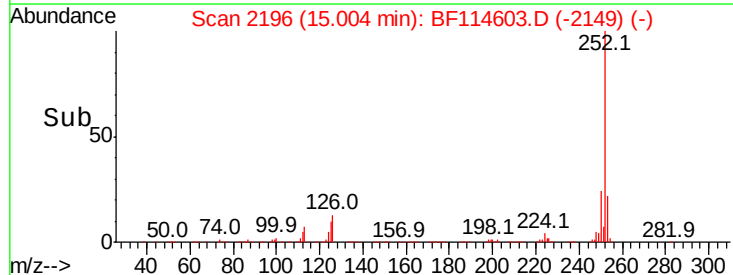
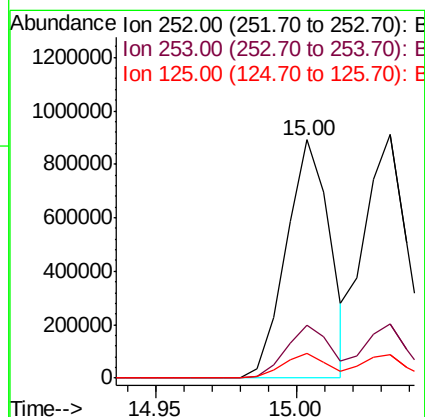
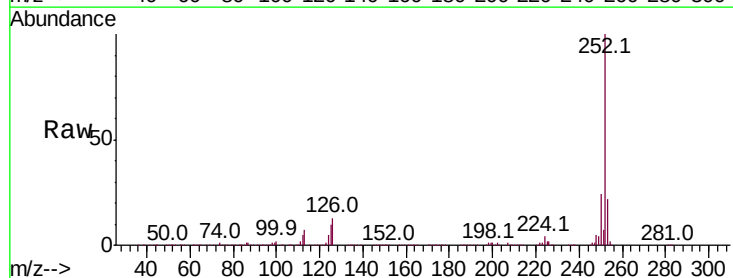
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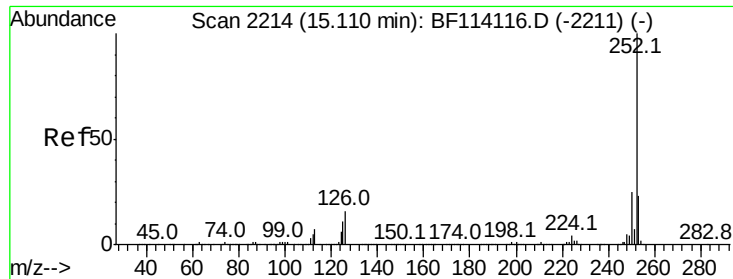
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.553 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.4	8.3	12.5





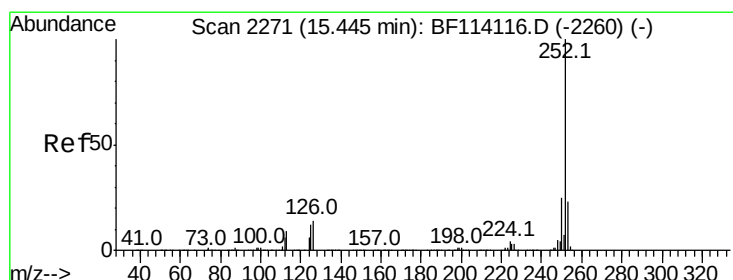
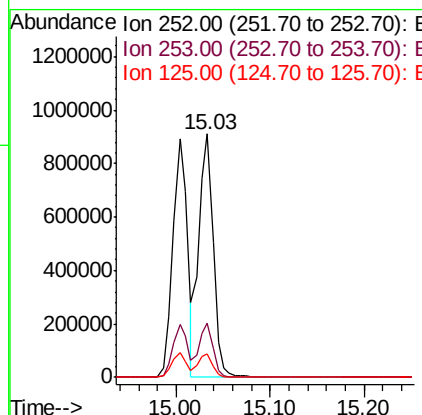
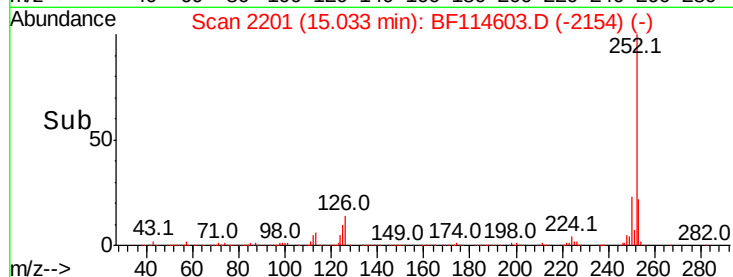
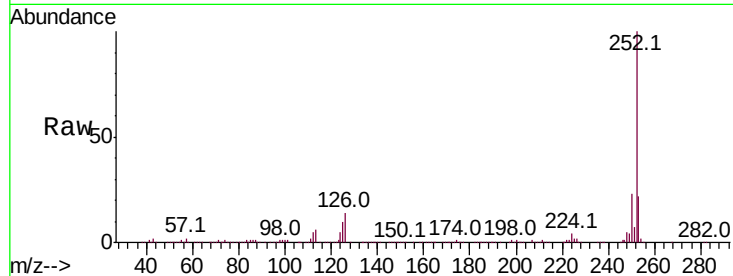
#89
Benzo(k)fluoranthene
Concen: 46.920 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.6	8.6	13.0

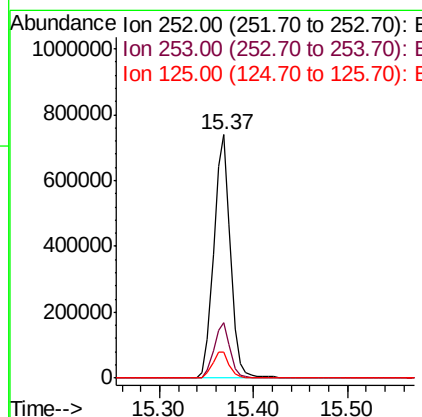
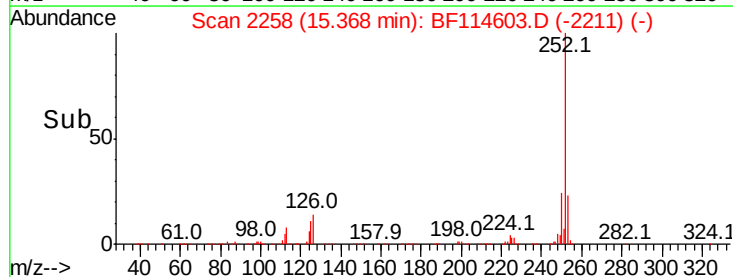
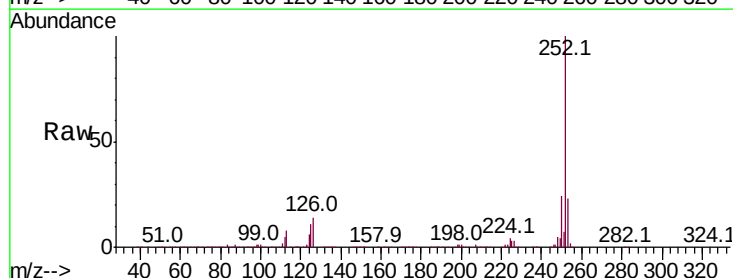
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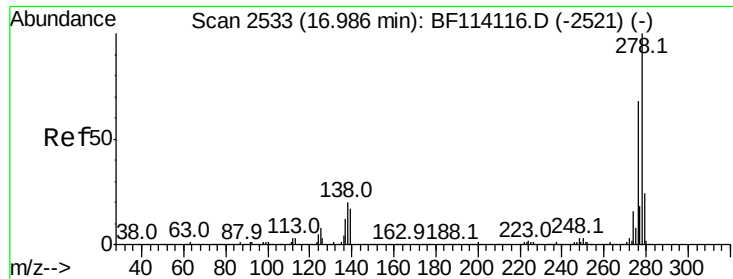
mohammad
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#90
Benzo(a)pyrene
Concen: 46.381 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.9	9.5	14.3





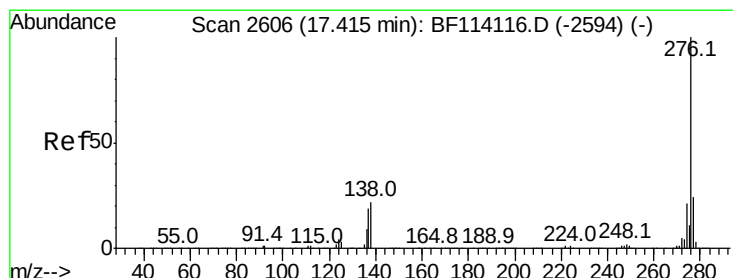
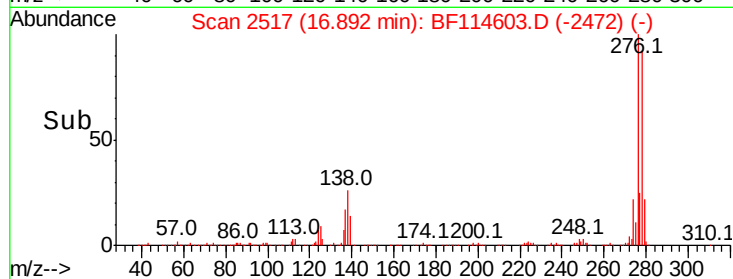
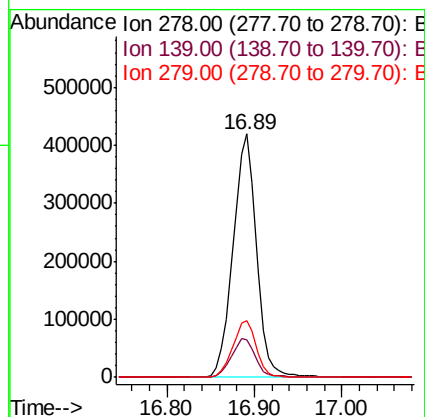
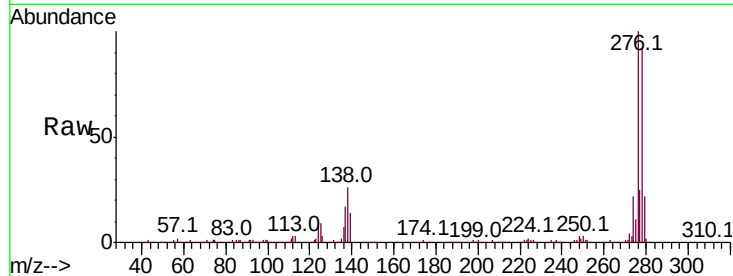
#91
Dibenzo(a,h)anthracene
Concen: 46.166 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Instrument :
BNA_F
ClientSampleId :
PB119810BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.5	20.3
279	23.4	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 47.207 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.04 min
Lab File: BF114603.D
Acq: 25 May 2019 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.0	28.4
138	20.9	17.8	26.6

