

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114628.D
 Acq On : 26 May 2019 3:40
 Operator : JU/SJ
 Sample : PB120077BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:46 AM

Quant Time: May 27 01:34:31 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	135800	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	521886	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	246157	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	484909	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	359455	20.00	ng	-0.02
87) Perylene-d12	15.43	264	357681	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1107048	131.19	ng	0.00
7) Phenol-d6	6.45	99	1397445	140.02	ng	-0.01
23) Nitrobenzene-d5	7.37	82	837051	90.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	325708	127.99	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1505824	92.53	ng	-0.02
79) Terphenyl-d14	12.90	244	1563937	89.69	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	196667	42.400	ng	98
3) Pyridine	3.36	79	391008	30.596	ng	99
4) n-Nitrosodimethylamine	3.30	42	216342	35.105	ng	97
6) Aniline	6.47	93	414533	28.753	ng	# 61
8) 2-Chlorophenol	6.59	128	400089	44.411	ng	96
9) Benzaldehyde	6.36	77	192509	27.552	ng	99
10) Phenol	6.46	94	492035	41.908	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	382421	42.903	ng	100
12) 1,3-Dichlorobenzene	6.74	146	416545	41.192	ng	98
13) 1,4-Dichlorobenzene	6.82	146	431643	42.359	ng	99
14) 1,2-Dichlorobenzene	6.97	146	393531	42.271	ng	99
15) Benzyl Alcohol	6.95	79	313434	40.265	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	677291	39.188	ng	60
17) 2-Methylphenol	7.07	107	316559	42.777	ng	# 90
18) Hexachloroethane	7.30	117	153602	40.158	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	268200	42.395	ng	99
20) 3+4-Methylphenols	7.22	107	410523	48.014	ng	# 73
22) Acetophenone	7.21	105	530036	45.845	ng	# 89
24) Nitrobenzene	7.39	77	421468	44.498	ng	96
25) Isophorone	7.62	82	740095	42.912	ng	99
26) 2-Nitrophenol	7.70	139	212513	46.246	ng	98
27) 2,4-Dimethylphenol	7.75	122	346540	48.016	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	471201	42.108	ng	98
29) 2,4-Dichlorophenol	7.96	162	332087	46.209	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	347595	42.534	ng	99
31) Naphthalene	8.10	128	1121152	45.990	ng	99
32) Benzoic acid	7.90	122	165291m	34.442	ng	
33) 4-Chloroaniline	8.16	127	311566	28.046	ng	97
34) Hexachlorobutadiene	8.22	225	193339	41.580	ng	99
35) Caprolactam	8.53	113	107481m	45.866	ng	
36) 4-Chloro-3-methylphenol	8.66	107	346482	47.897	ng	99
37) 2-Methylnaphthalene	8.80	142	750030	47.686	ng	98
38) 1-Methylnaphthalene	8.90	142	707479	47.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	344126	46.150	ng	99

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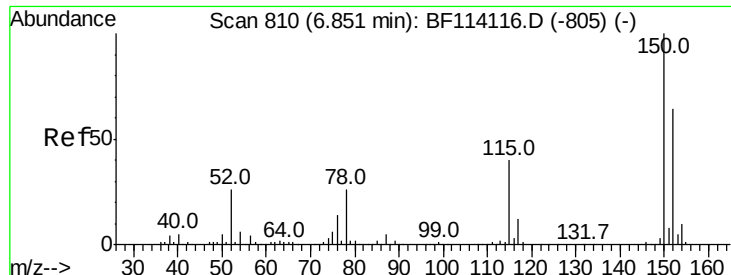
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Quant Time: May 27 01:34:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	144551	43.685	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	205656	40.098	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	209790	39.885	ng	94
46) 1,1'-Biphenyl	9.26	154	921491	46.338	ng	97
47) 2-Chloronaphthalene	9.29	162	695734	43.472	ng	98
48) 2-Nitroaniline	9.39	65	236879	41.735	ng	94
49) Acenaphthylene	9.70	152	1098569	45.132	ng	98
50) Dimethylphthalate	9.56	163	776551	42.974	ng	99
51) 2,6-Dinitrotoluene	9.63	165	175770	43.855	ng	97
52) Acenaphthene	9.87	154	649364	43.474	ng	99
53) 3-Nitroaniline	9.80	138	139347	28.008	ng	97
54) 2,4-Dinitrophenol	9.93	184	125853	63.927	ng	94
55) Dibenzofuran	10.05	168	938778	42.861	ng	99
56) 4-Nitrophenol	9.99	139	166846	47.420	ng	94
57) 2,4-Dinitrotoluene	10.05	165	218870	40.234	ng	# 78
58) Fluorene	10.39	166	770383	45.536	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	179753	39.607	ng	99
60) Diethylphthalate	10.26	149	780890	42.531	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	369154	44.427	ng	98
62) 4-Nitroaniline	10.42	138	188871	36.126	ng	96
63) Azobenzene	10.53	77	752969	42.368	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	97145	41.692	ng	98
66) n-Nitrosodiphenylamine	10.50	169	676705	45.981	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	226240	42.374	ng	96
68) Hexachlorobenzene	10.95	284	243297	41.192	ng	92
69) Atrazine	11.02	200	195876	42.769	ng	98
70) Pentachlorophenol	11.15	266	146939	52.480	ng	98
71) Phenanthrene	11.35	178	1090117	46.208	ng	97
72) Anthracene	11.40	178	1125992	47.519	ng	99
73) Carbazole	11.56	167	1055864	46.728	ng	98
74) Di-n-butylphthalate	11.87	149	1202002	46.173	ng	100
75) Fluoranthene	12.54	202	1190810	46.873	ng	99
77) Benzidine	12.66	184	612318	37.949	ng	98
78) Pyrene	12.77	202	1218265	42.131	ng	99
80) Butylbenzylphthalate	13.37	149	539389	44.317	ng	97
81) Benzo(a)anthracene	13.96	228	1024720	44.075	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	290955	32.260	ng	100
83) Chrysene	14.00	228	1015285	44.548	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	729145	45.805	ng	98
85) Di-n-octyl phthalate	14.54	149	1202358	46.595	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	949997	47.164	ng	99
88) Benzo(b)fluoranthene	15.00	252	1045261	45.615	ng	100
89) Benzo(k)fluoranthene	15.03	252	903648	42.929	ng	98
90) Benzo(a)pyrene	15.37	252	929276	46.079	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	788500	47.052	ng	100
92) Benzo(g,h,i)perylene	17.33	276	809586	48.207	ng	97

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



#1

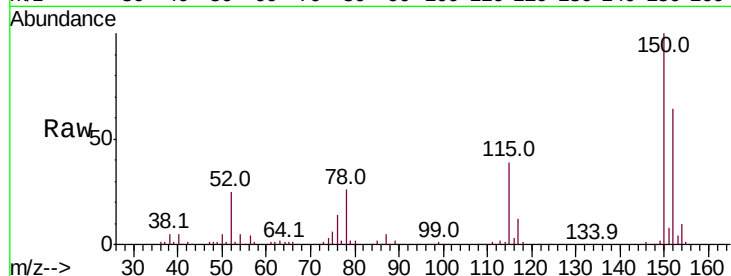
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	61.6	49.1	73.7

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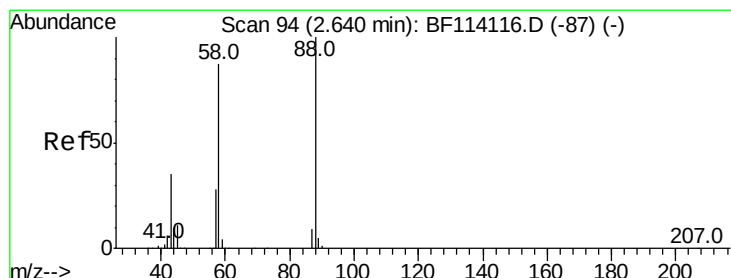
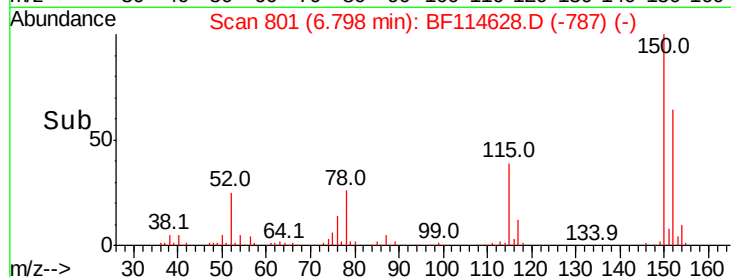
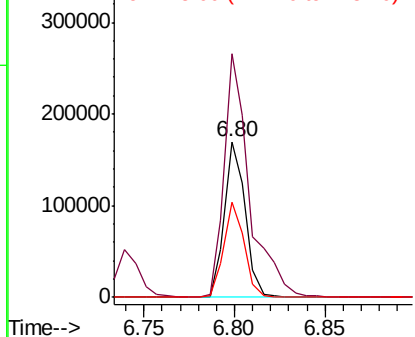


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

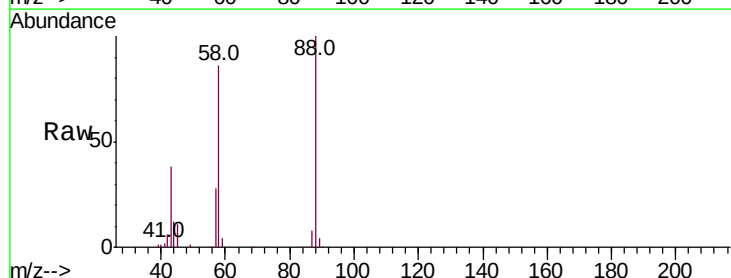
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.400 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	68.7	103.1
43	36.3	28.2	42.2

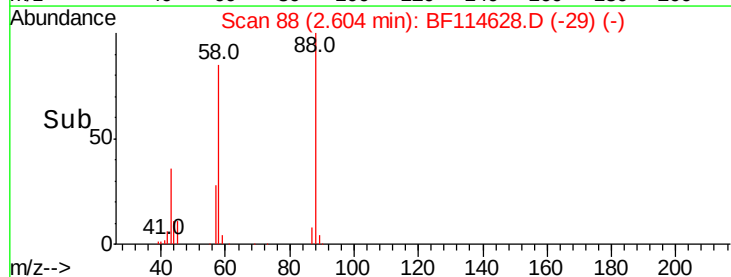
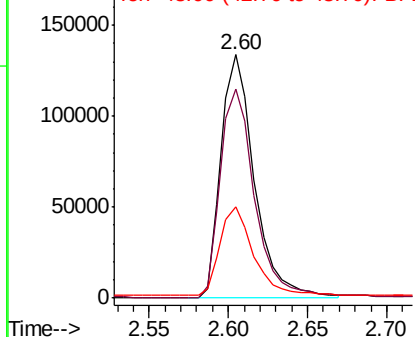


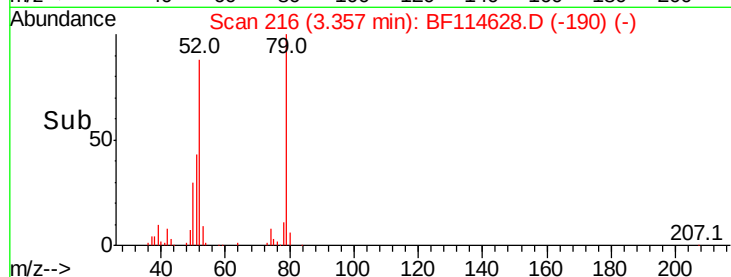
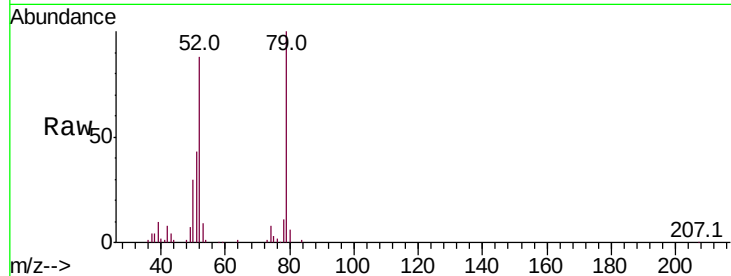
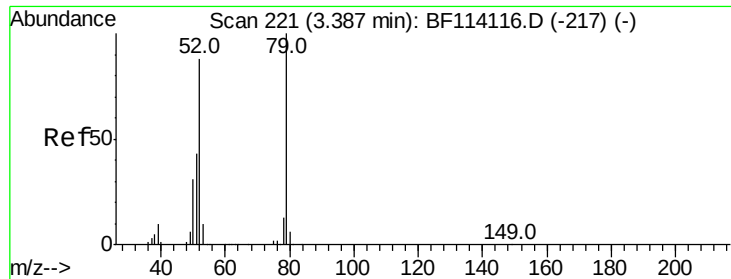
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





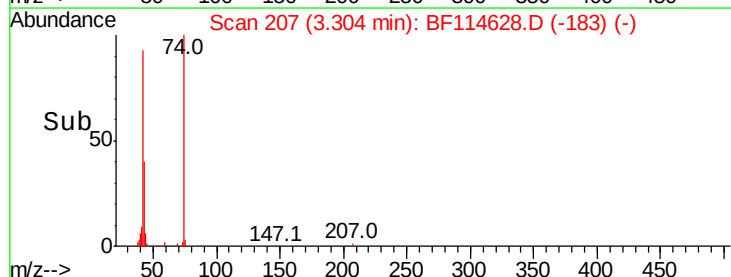
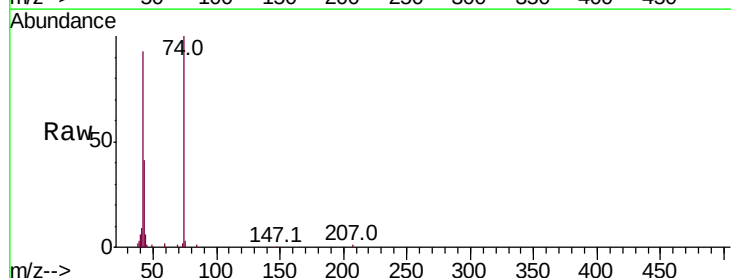
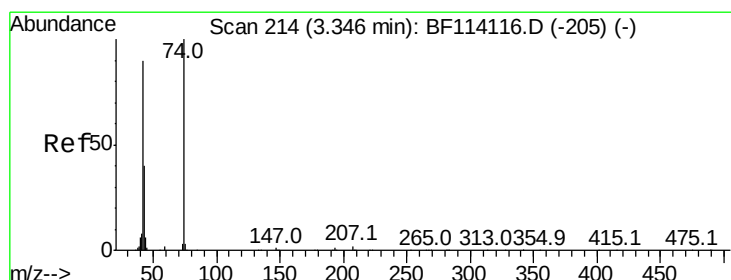
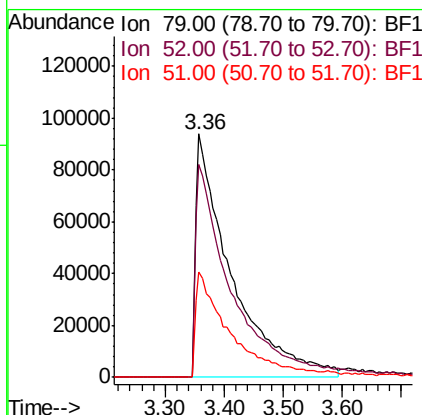
#3
Pvridine
Concen: 30.596 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.05 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.6	70.6	105.8
51	43.0	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB120077BS

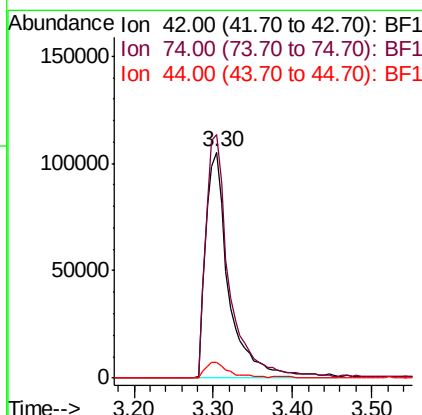
Manual Integrations
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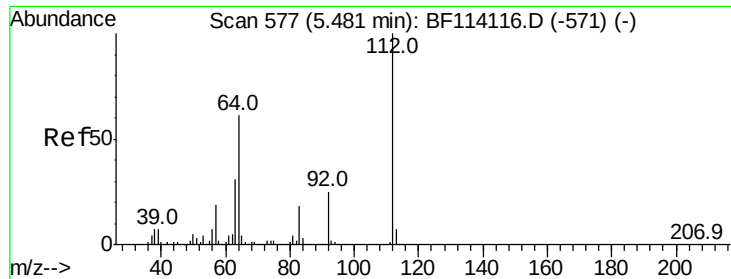
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#4
n-Nitrosodimethylamine
Concen: 35.105 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.04 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.9	88.6	132.8
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 131.188 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion:112 Resp: 1107048

Ion Ratio Lower Upper

112 100

64 66.1 49.0 73.6

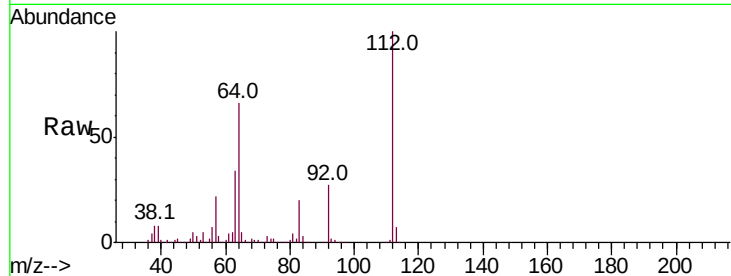
63 33.9 24.6 37.0

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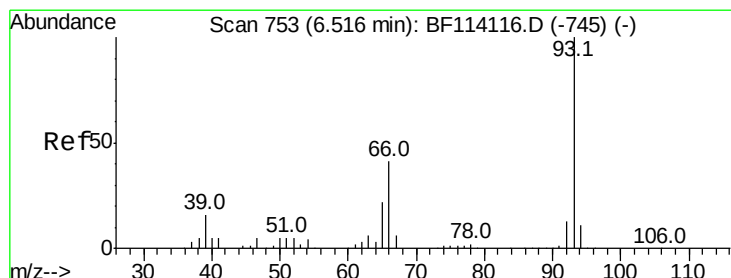
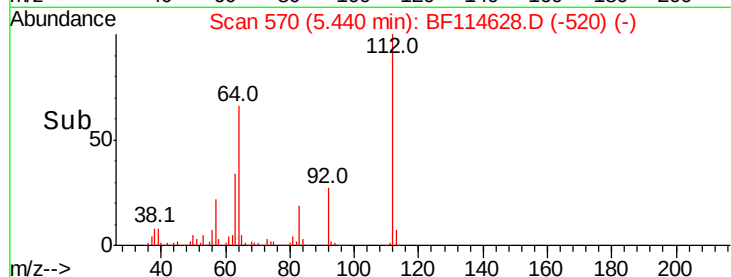
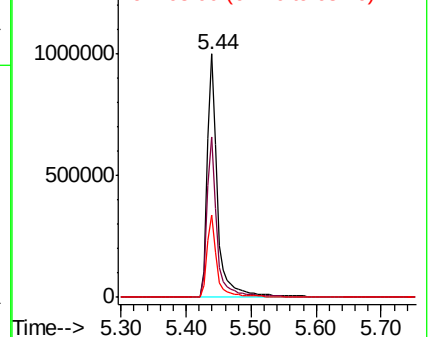
5/27/2019 3:50:46 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.753 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

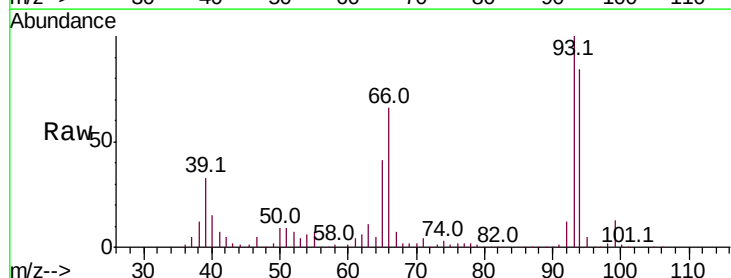
Tgt Ion: 93 Resp: 414533

Ion Ratio Lower Upper

93 100

66 65.6 33.2 49.8#

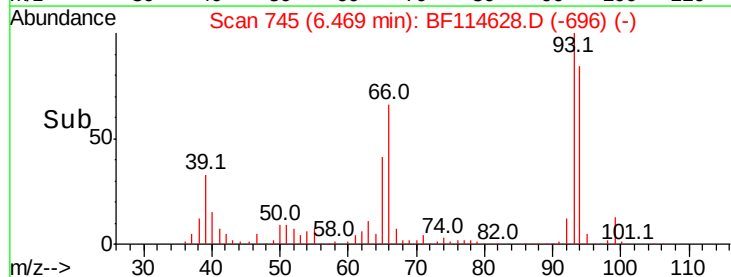
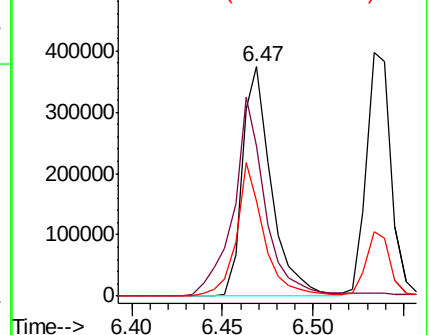
65 41.5 17.6 26.4#

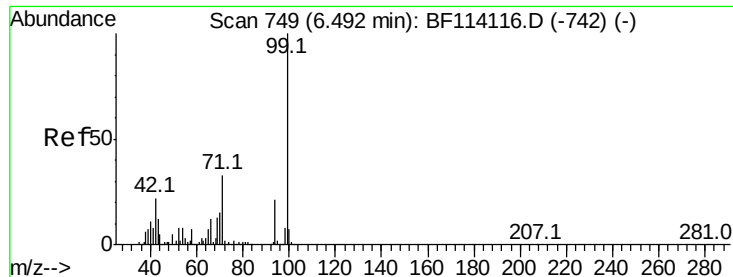


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion: 99 Resp: 1397445

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

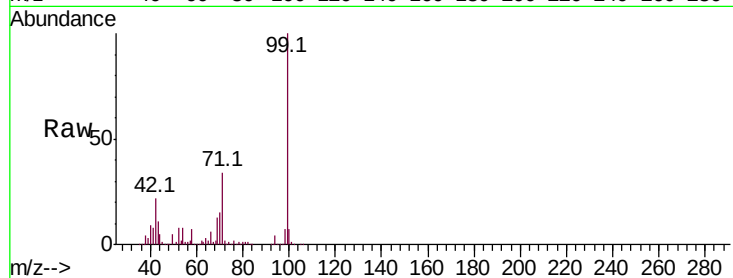
71 34.4 26.2 39.2

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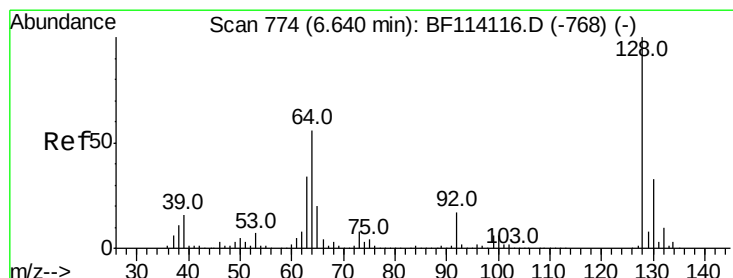
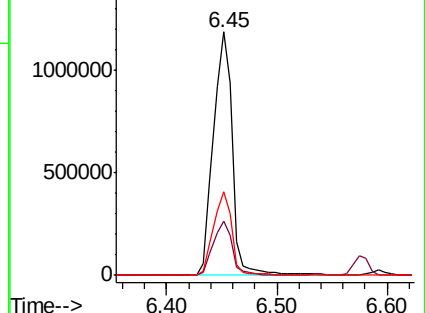
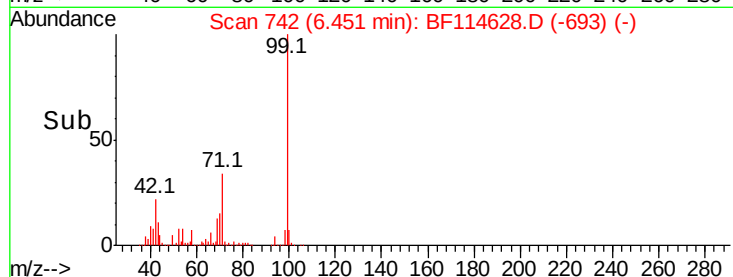
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.411 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

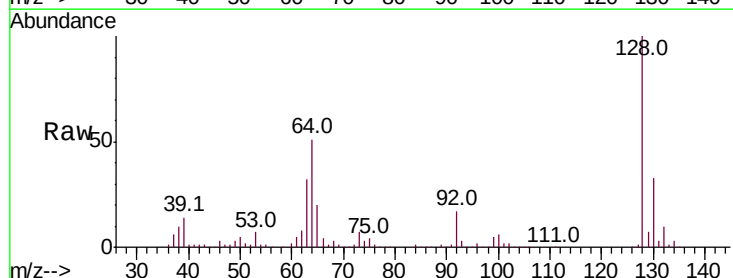
Tgt Ion: 128 Resp: 400089

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

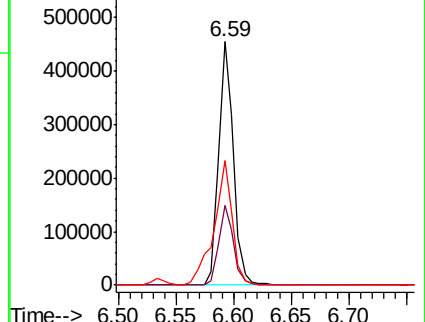
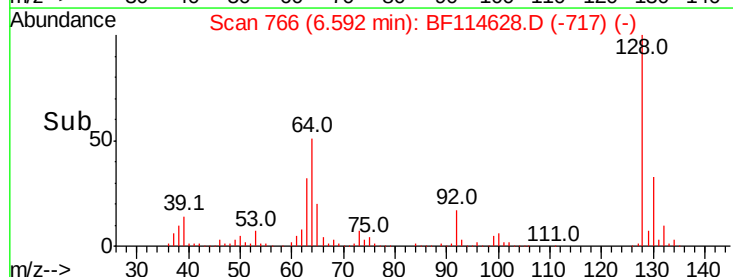
64 51.1 35.9 75.9

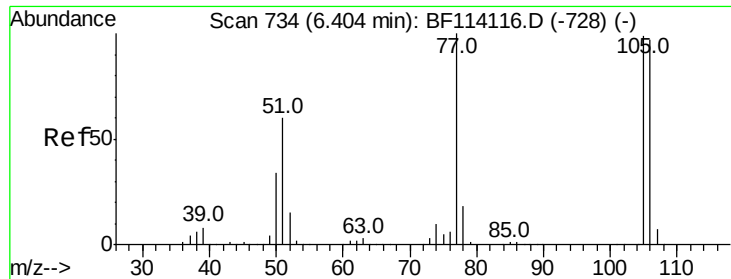


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.552 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

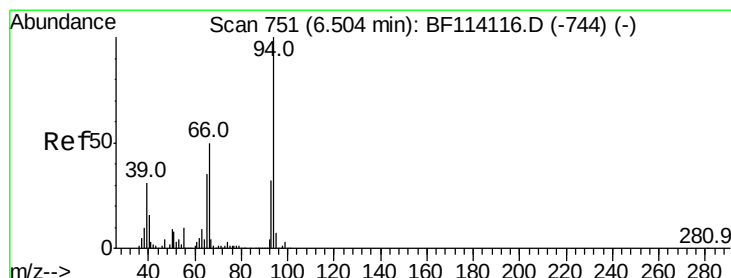
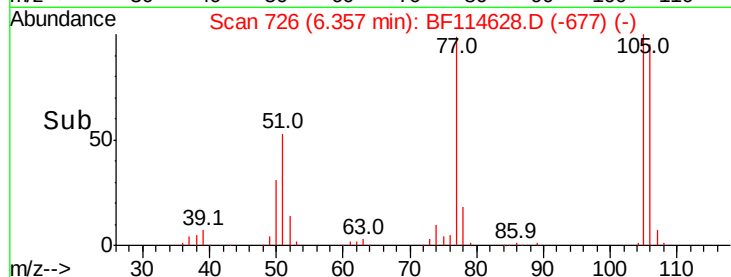
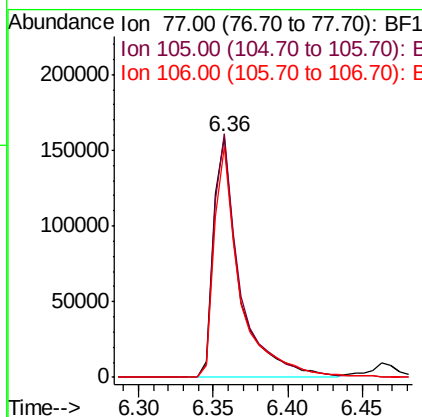
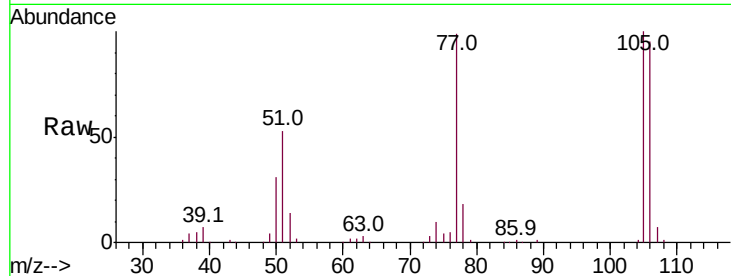
ClientSampleId :

PB120077BS

Tot Ion:	77	Resp:	192509
Ion	Ratio	Lower	Upper
77	100		
105	101.3	79.3	119.3
106	96.1	77.0	117.0

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#10

Phenol

Concen: 41.908 ng

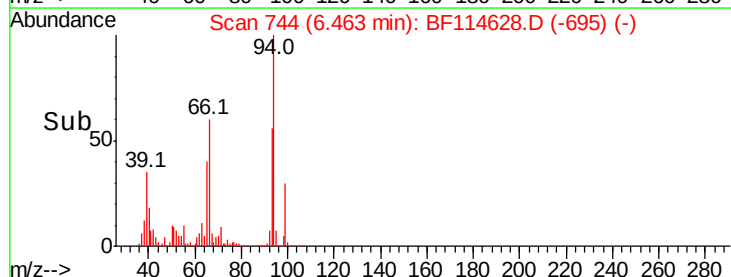
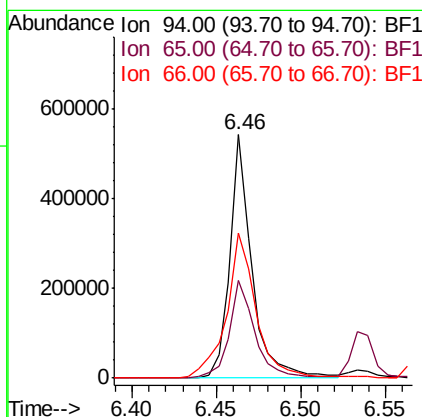
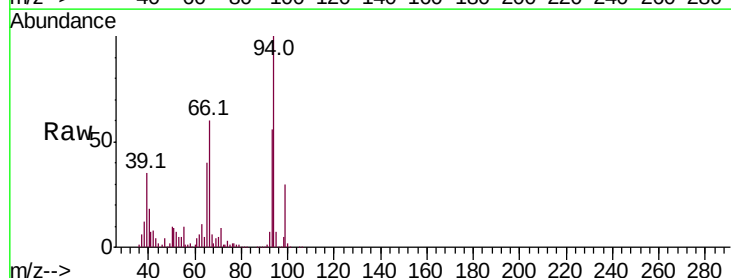
RT: 6.46 min Scan# 744

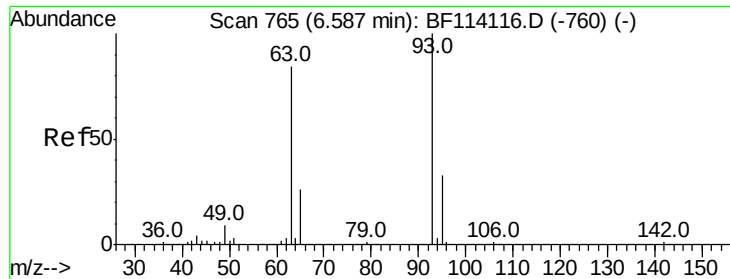
Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:	94	Resp:	492035
Ion	Ratio	Lower	Upper
94	100		
65	39.9	14.7	54.7
66	59.7	29.6	69.6





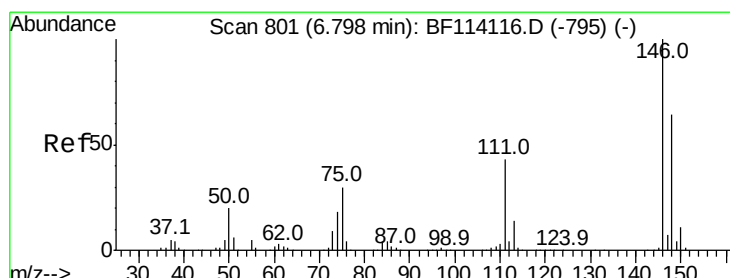
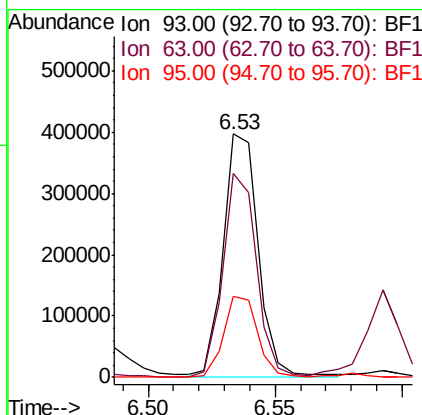
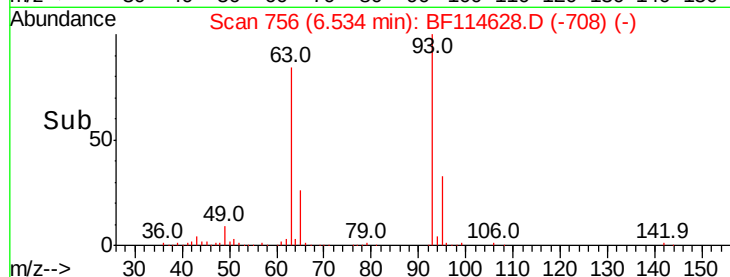
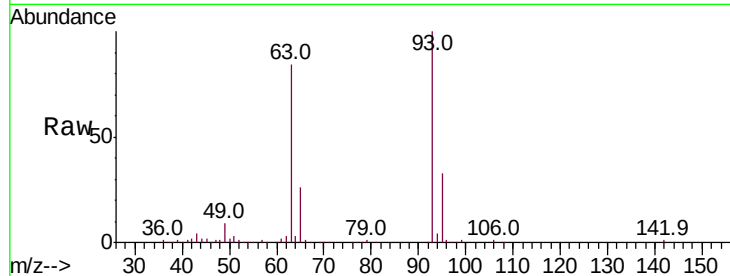
#11
bis(2-Chloroethyl)ether
Concen: 42.903 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	63.6	103.6
95	33.4	13.1	53.1

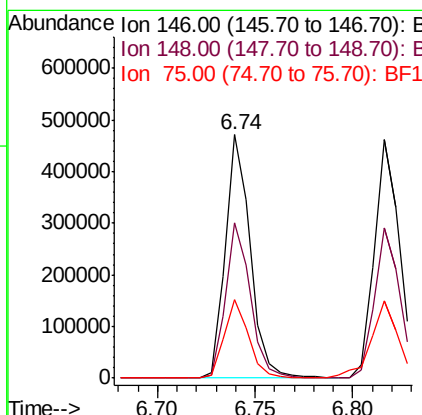
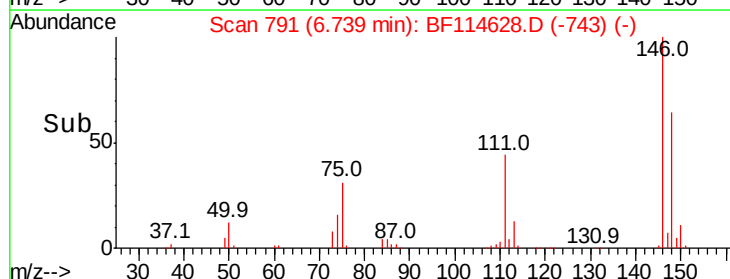
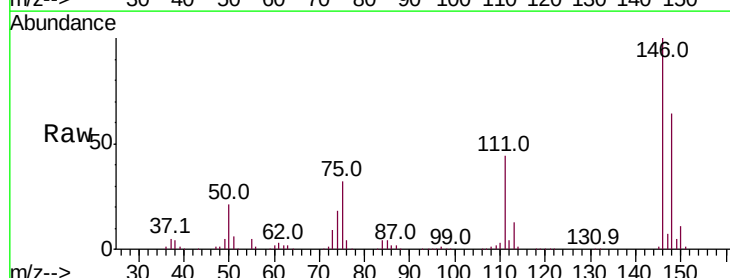
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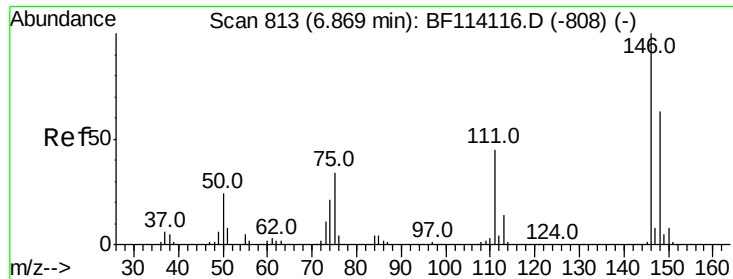
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.192 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
75	32.3	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 42.359 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

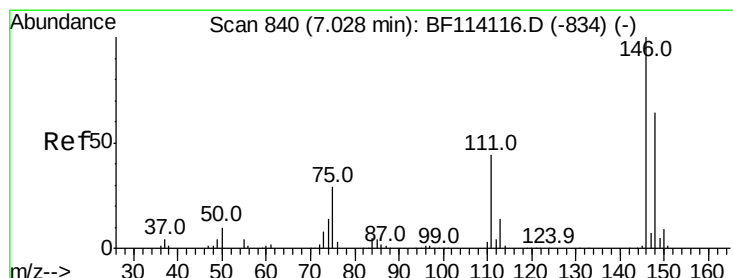
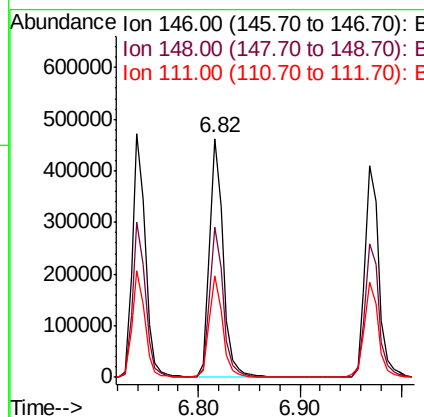
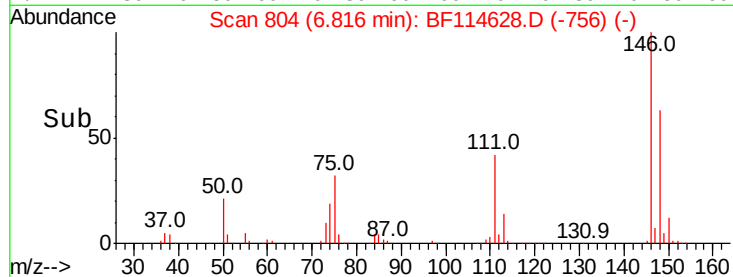
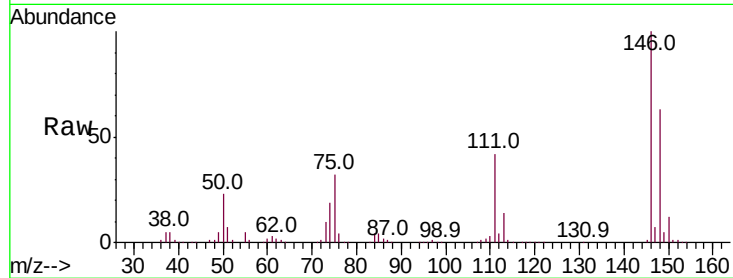
ClientSampled :

PB120077BS

Tot Ion:	146	Resp:	431643
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.2	75.2
111	42.5	35.8	53.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.271 ng

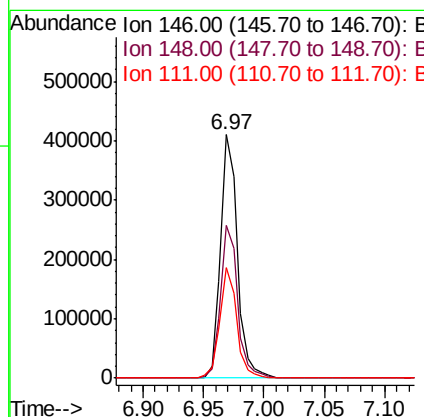
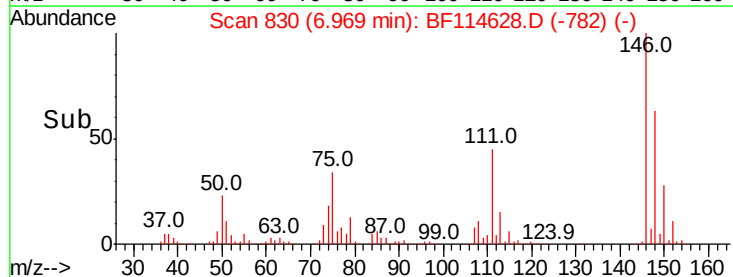
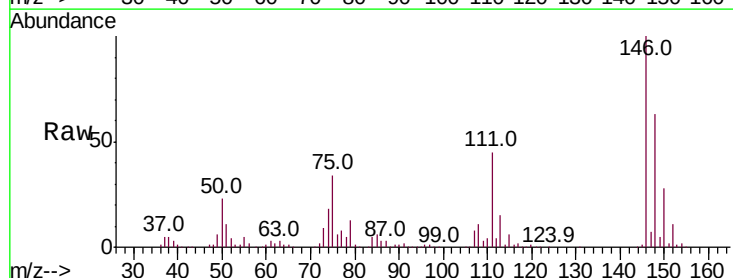
RT: 6.97 min Scan# 830

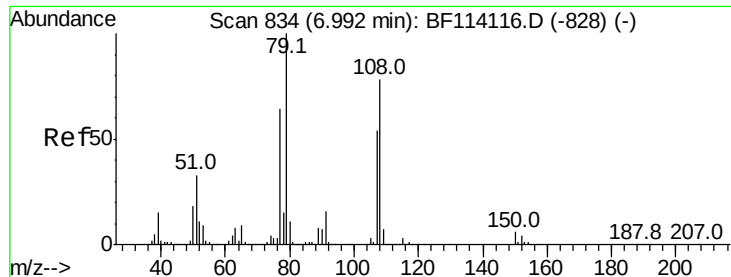
Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:	146	Resp:	393531
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.1	76.7
111	45.2	35.3	52.9





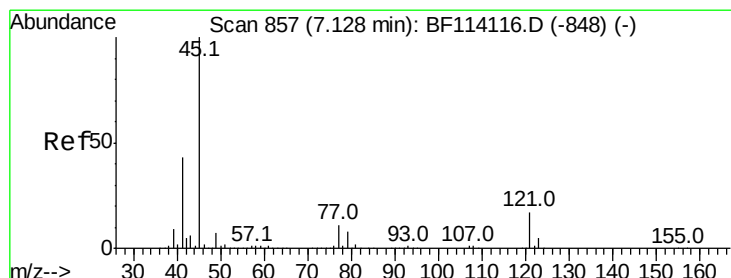
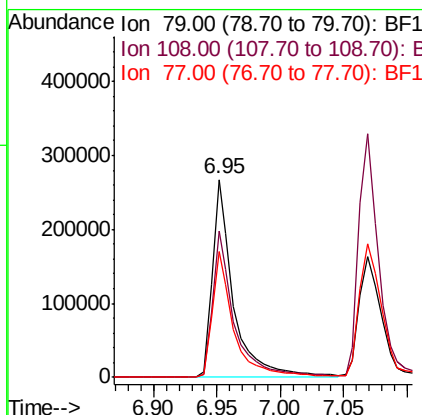
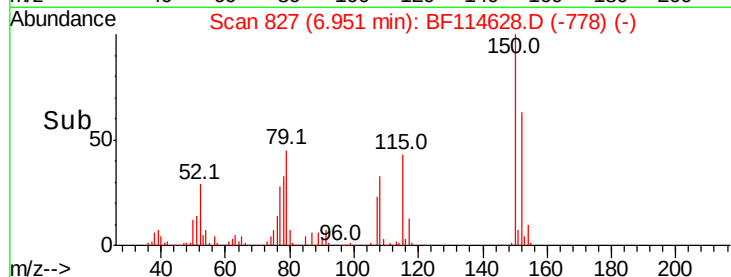
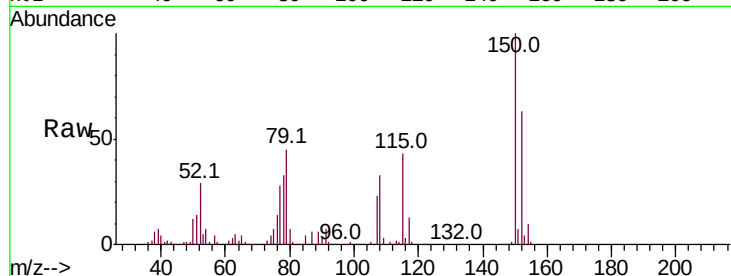
#15
Benzyl Alcohol
Concen: 40.265 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampled :
PB120077BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	62.1	93.1
77	63.3	51.0	76.6

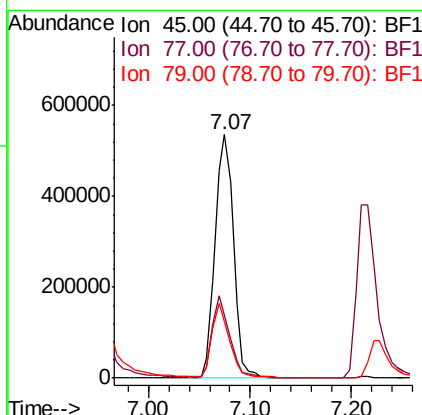
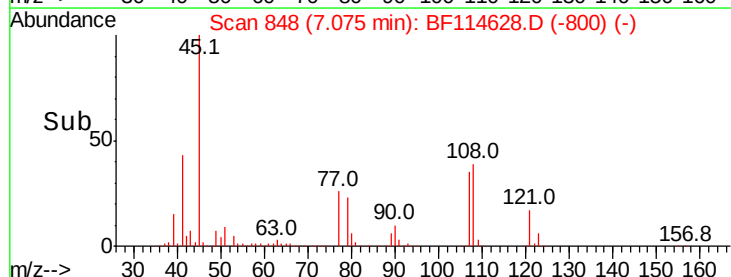
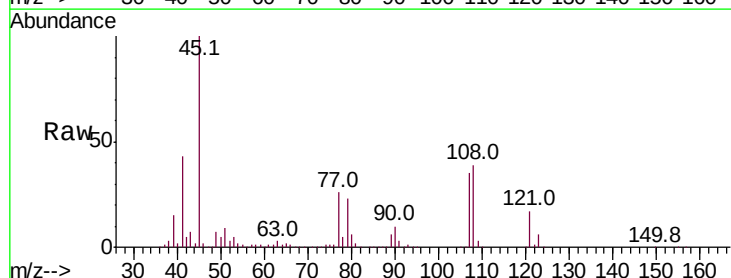
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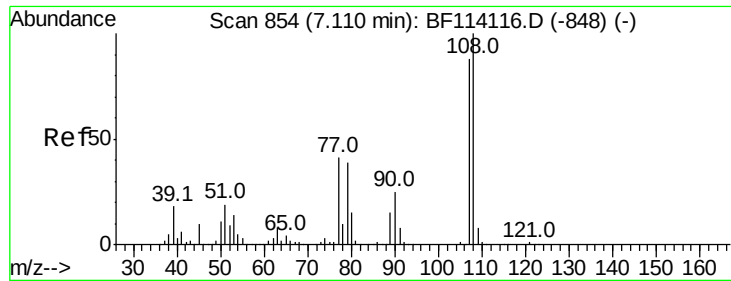
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.188 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	31.1
79	23.1	0.0	28.4





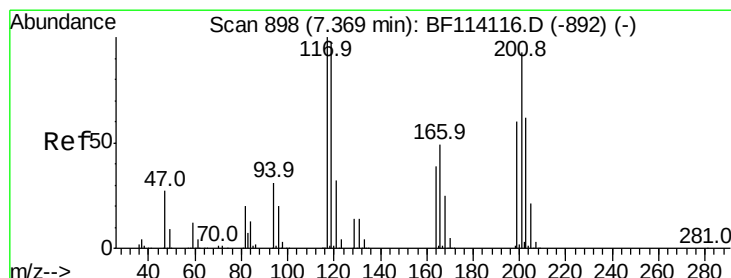
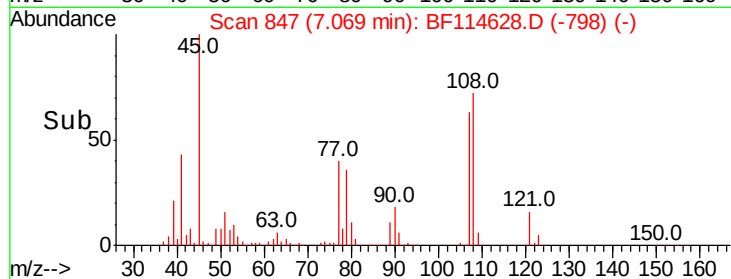
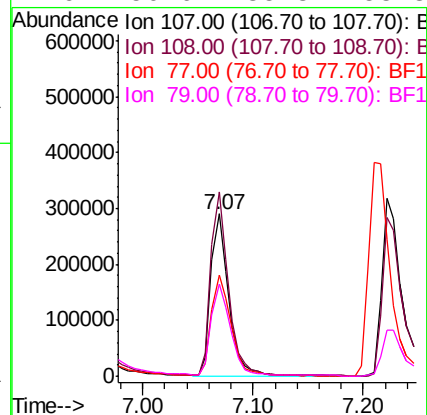
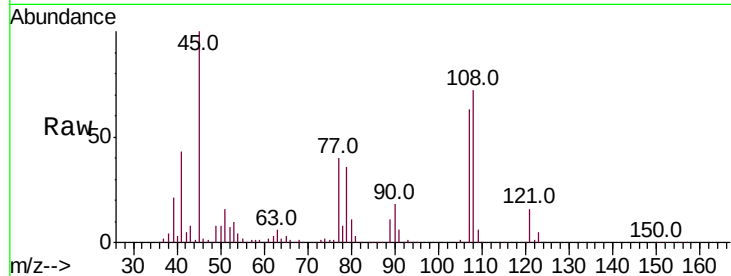
#17
2-Methylphenol
Concen: 42.777 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.5	135.7	
77	62.4	37.0	55.4	
79	56.6	35.8	53.8	

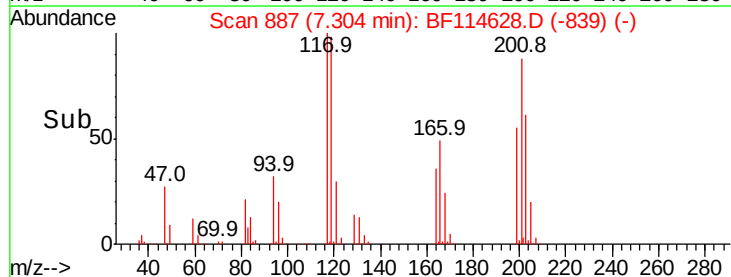
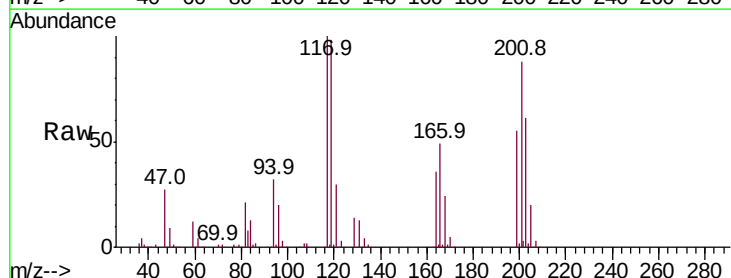
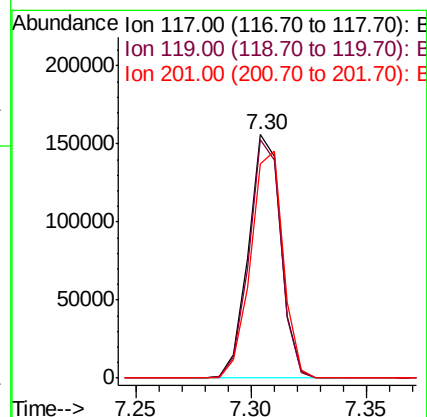
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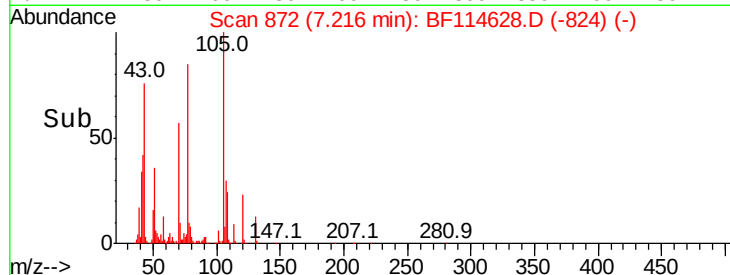
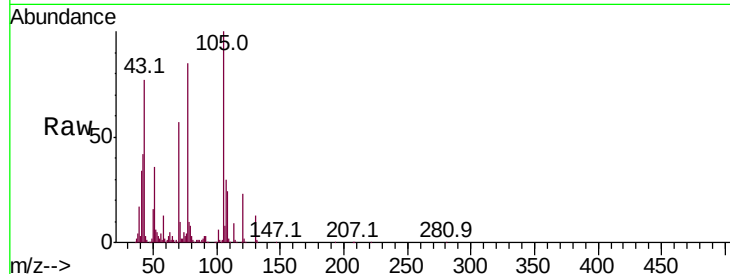
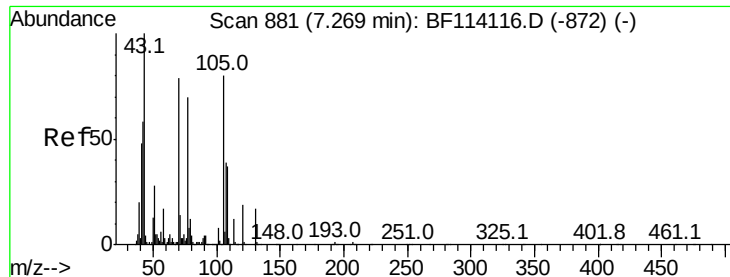
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#18
Hexachloroethane
Concen: 40.158 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	77.4	116.2	
201	87.9	74.5	111.7	





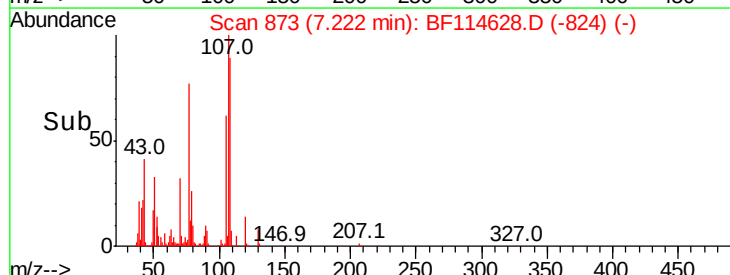
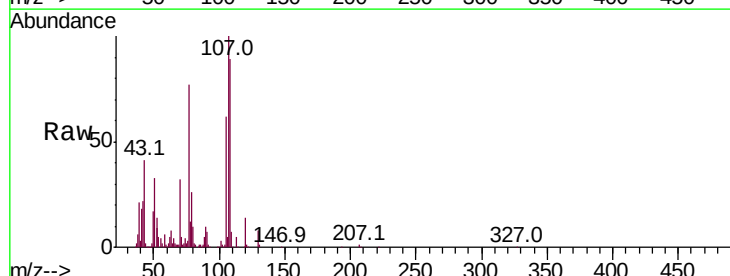
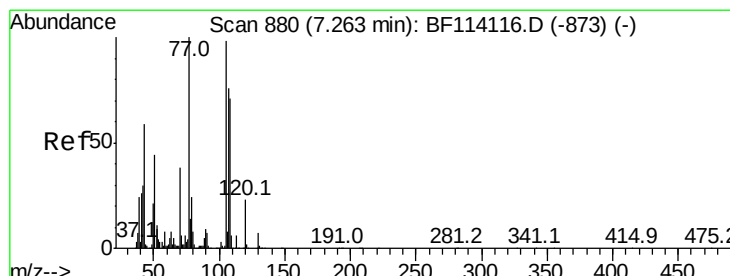
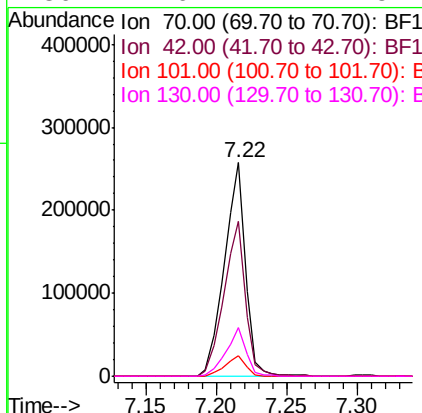
#19
n-Nitroso-di-n-propylamine
Concen: 42.395 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.6	87.8
101	9.9	7.8	11.8
130	22.6	17.1	25.7

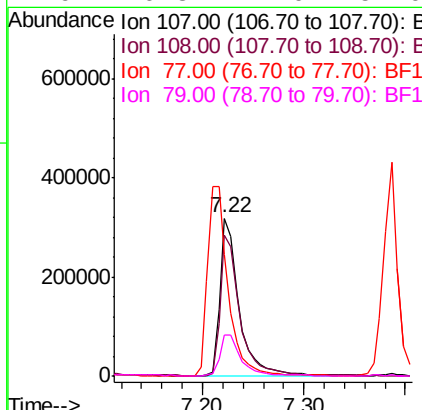
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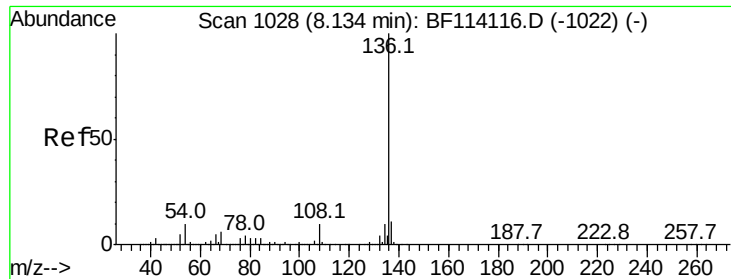
mohammad
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#20
3+4-Methylphenols
Concen: 48.014 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	73.8	113.8
77	77.4	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: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

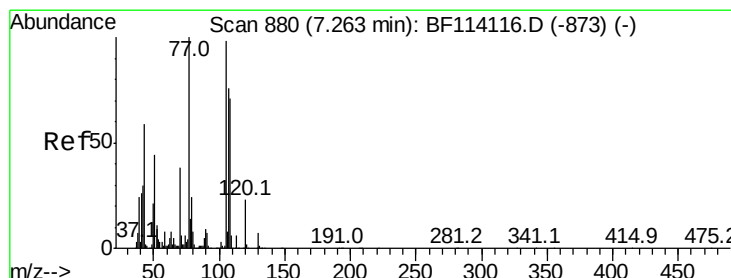
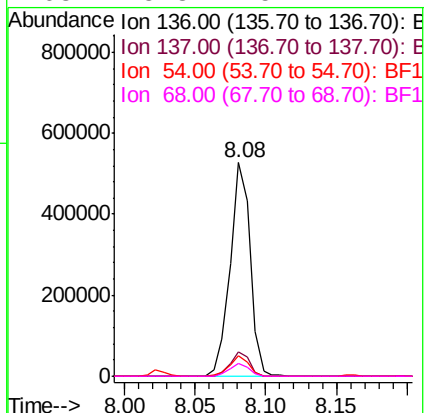
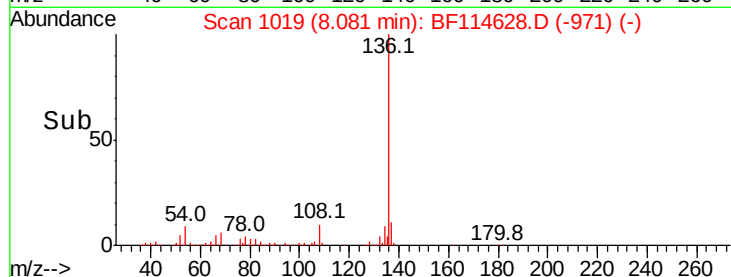
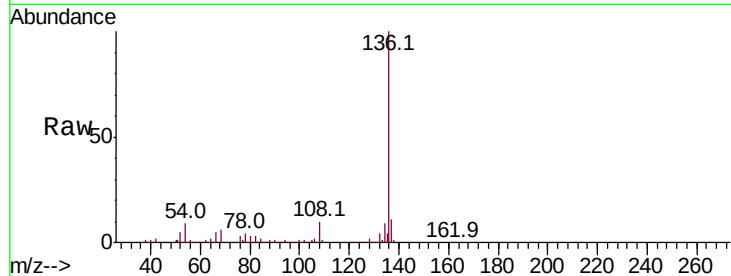
ClientSampleId :

PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	9.5	7.8	11.8	
68	5.8	5.1	7.7	

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#22

Acetophenone

Concen: 45.845 ng

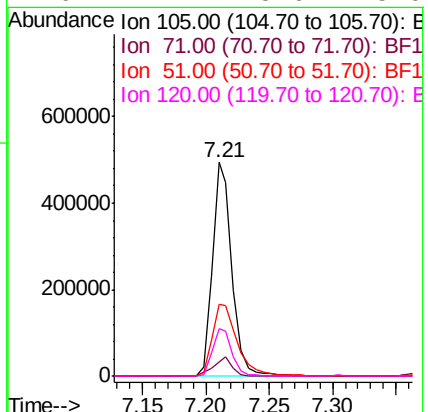
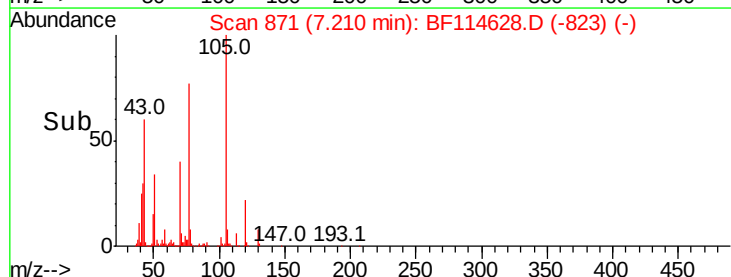
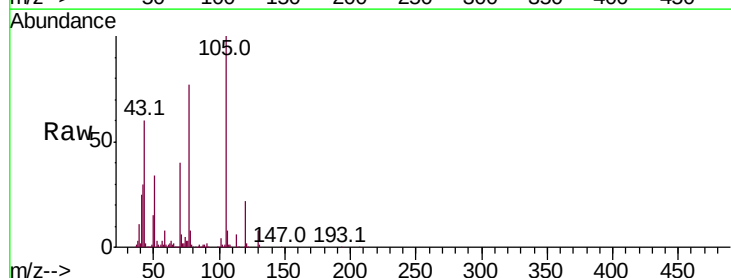
RT: 7.21 min Scan# 871

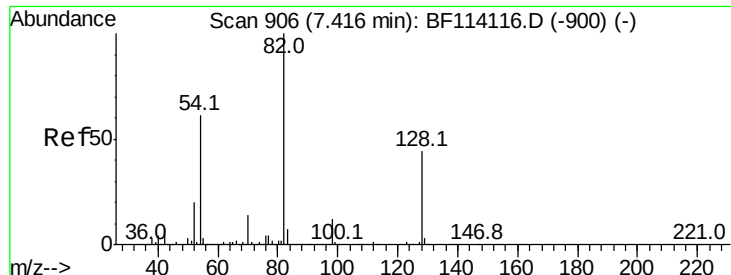
Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	5.3	7.9	
51	33.7	36.2	54.4	
120	22.1	18.6	28.0	





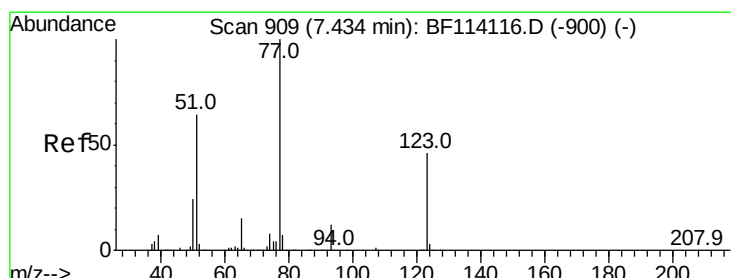
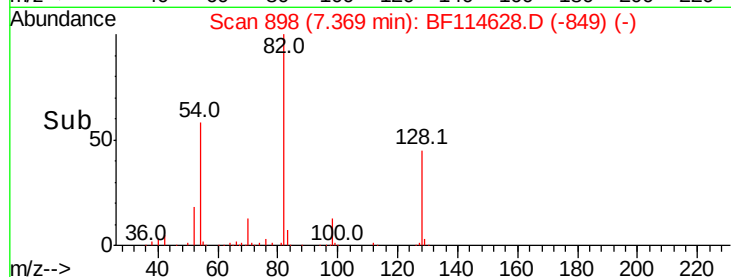
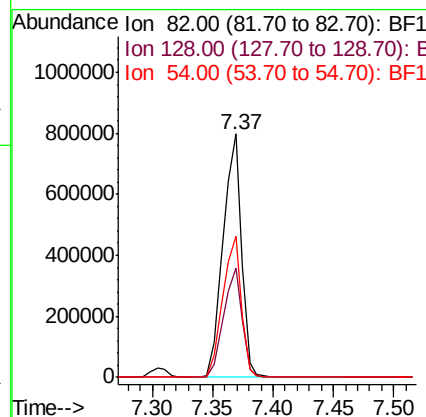
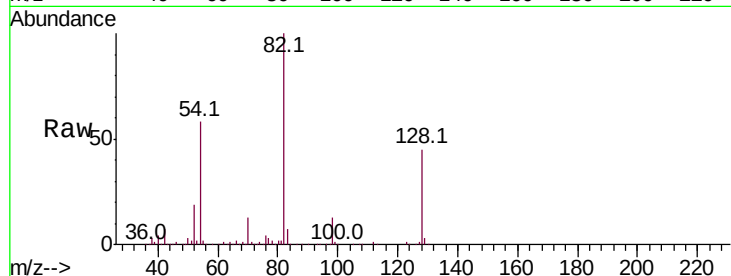
#23
 Nitrobenzene-d5
 Concen: 90.011 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampled :
 PB120077BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	58.1	48.5	72.7

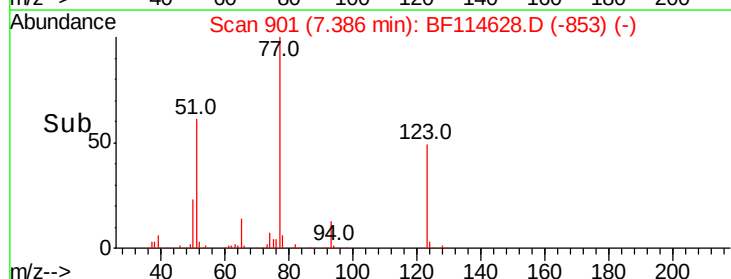
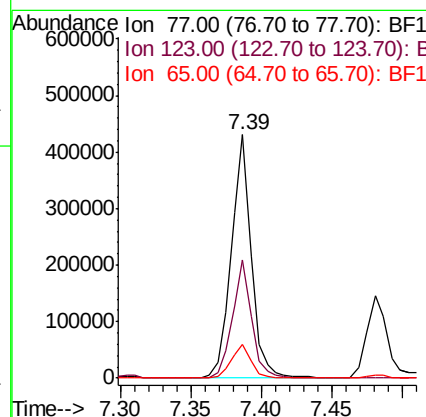
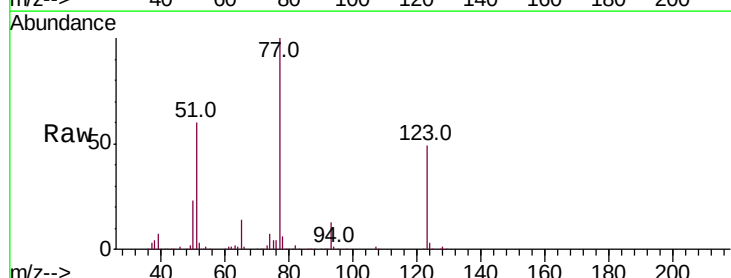
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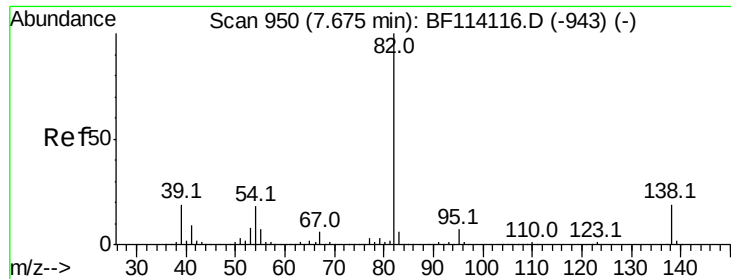
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#24
 Nitrobenzene
 Concen: 44.498 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	36.9	55.3
65	13.8	11.8	17.6





#25

Isophorone

Concen: 42.912 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

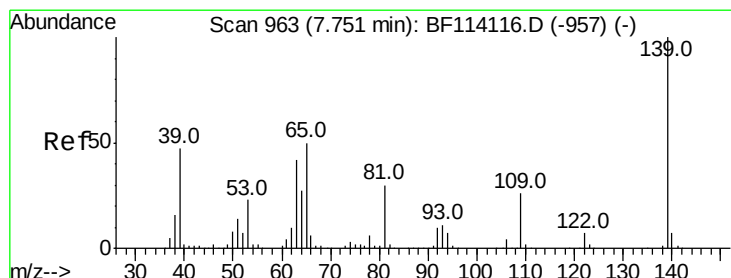
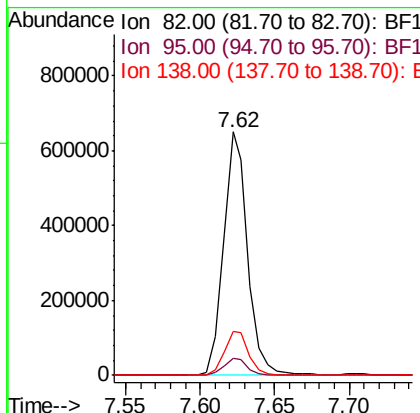
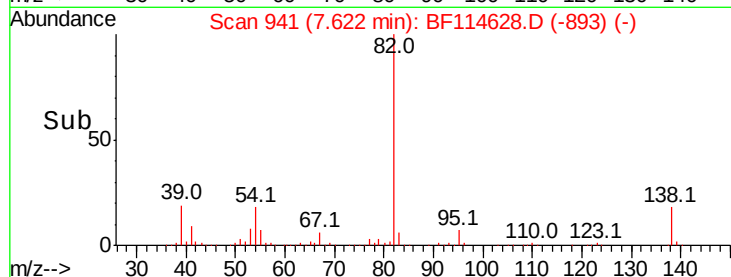
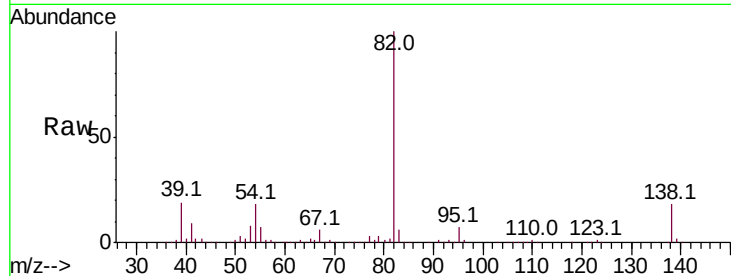
ClientSampleId :

PB120077BS

Tot Ion:	82	Resp:	740095
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	18.0	14.8	22.2

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#26

2-Nitrophenol

Concen: 46.246 ng

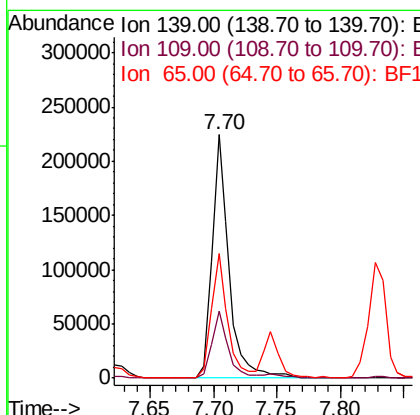
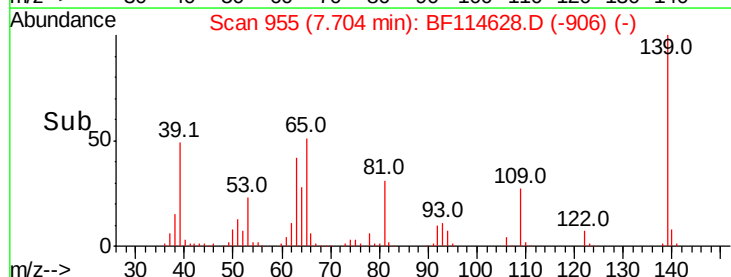
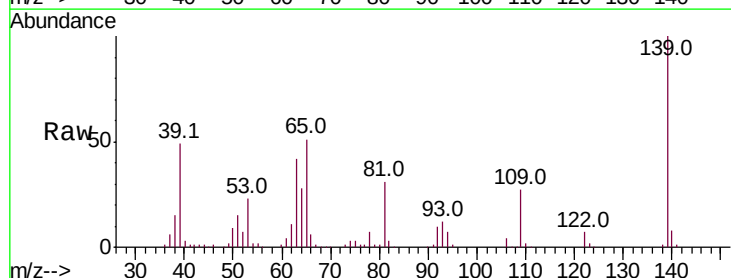
RT: 7.70 min Scan# 955

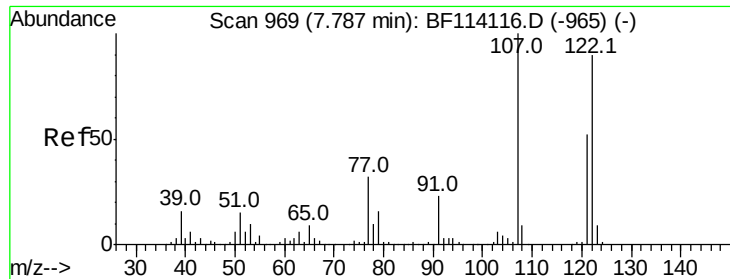
Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:	139	Resp:	212513
Ion Ratio	Lower	Upper	
139	100		
109	27.3	20.7	31.1
65	51.3	40.2	60.2





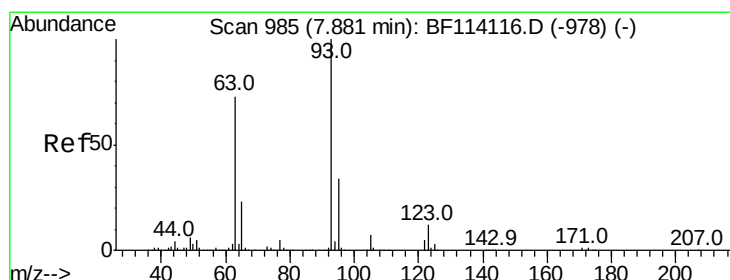
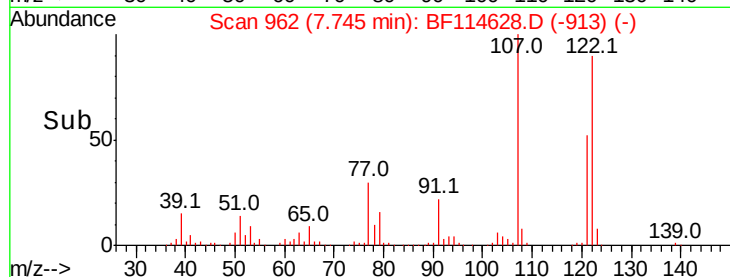
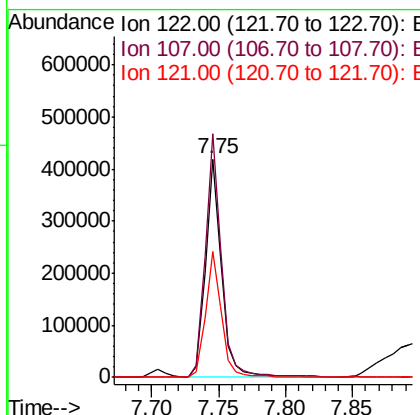
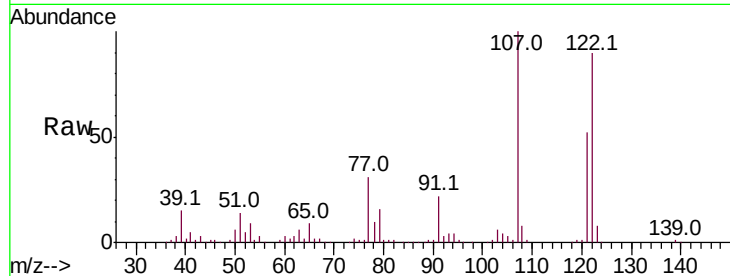
#27
 2,4-Dimethylphenol
 Concen: 48.016 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	346540		
107	111.6	88.4	132.6	
121	57.7	45.9	68.9	

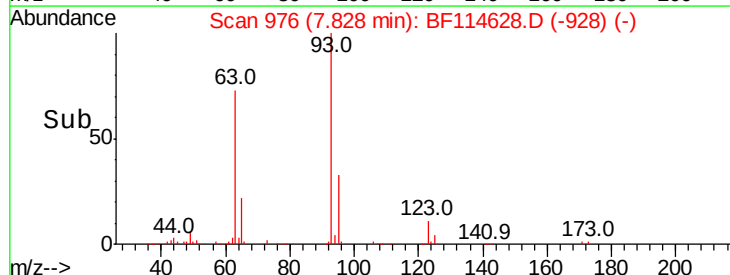
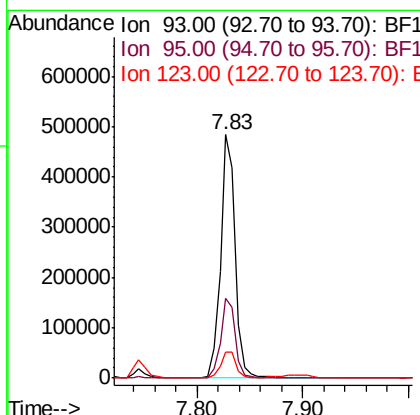
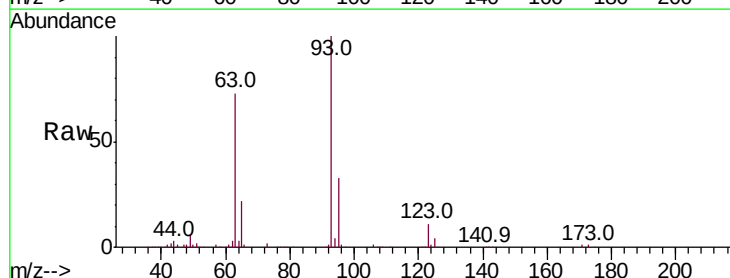
Manual Integrations
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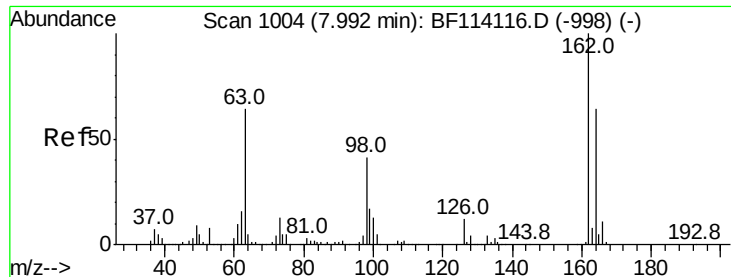
mohammad
 5/27/2019 3:50:46 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.108 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	471201		
95	32.9	26.8	40.2	
123	10.8	9.5	14.3	





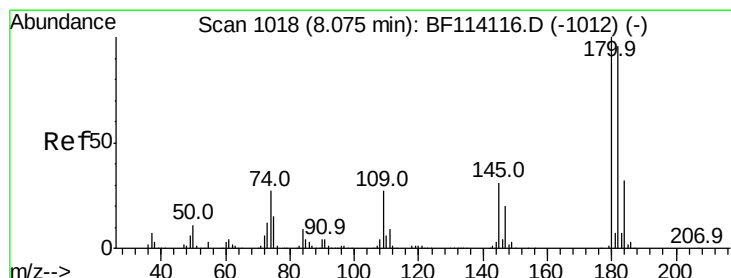
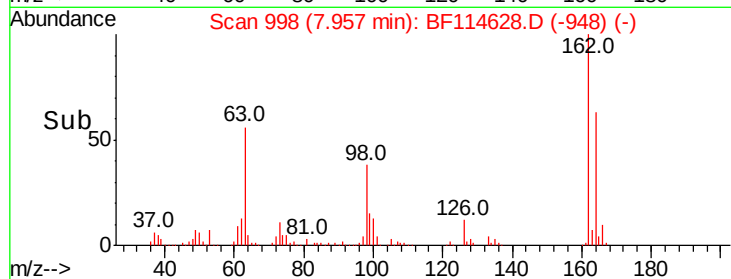
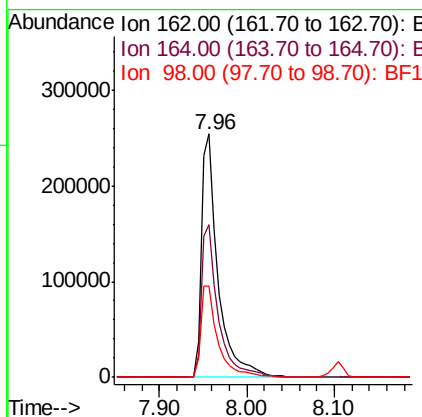
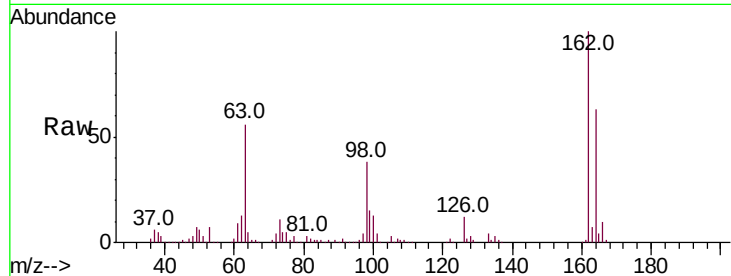
#29
2,4-Dichlorophenol
Concen: 46.209 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332087		
164	62.8	43.6	83.6	
98	37.7	20.6	60.6	

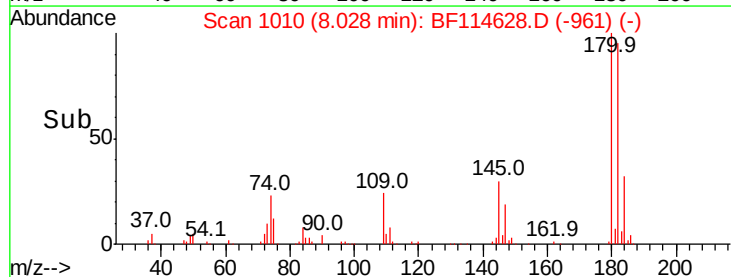
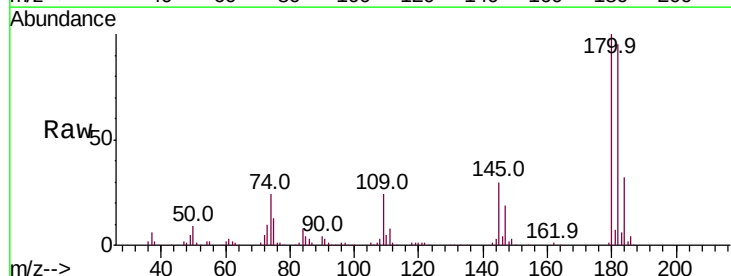
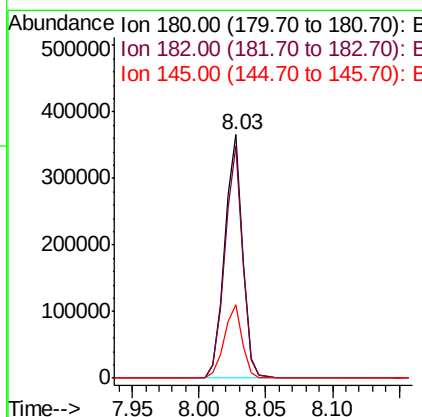
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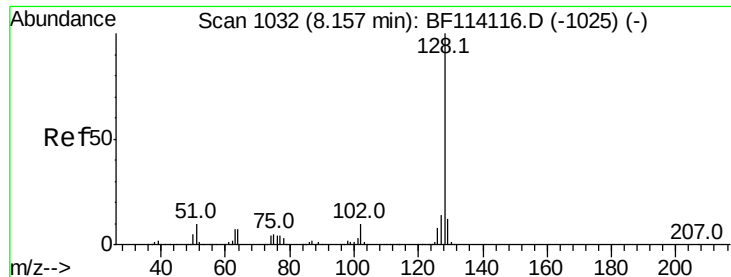
mohammad
5/27/2019 3:50:46 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.534 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347595		
182	95.3	76.6	114.8	
145	30.3	25.1	37.7	





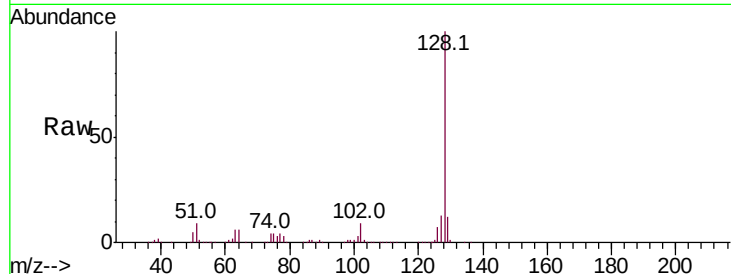
#31
Naphthalene
Concen: 45.990 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.5	11.3	16.9

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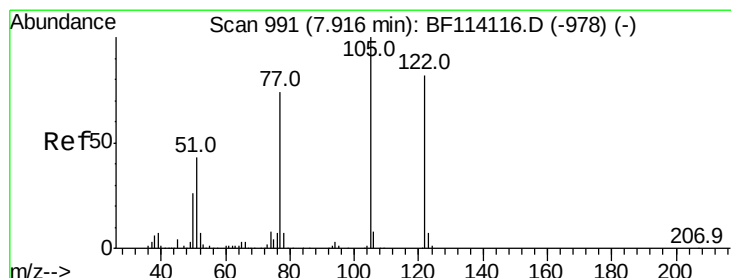
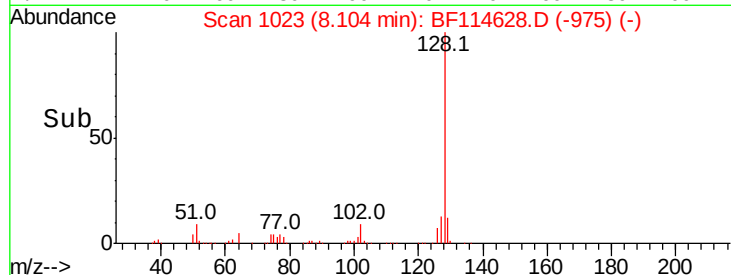
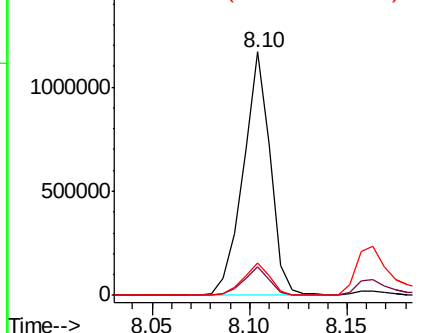


Abundance

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: 34.442 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

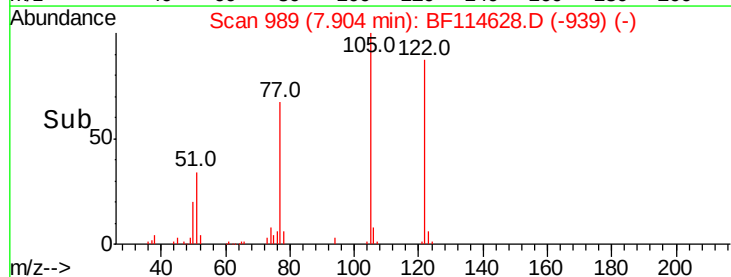
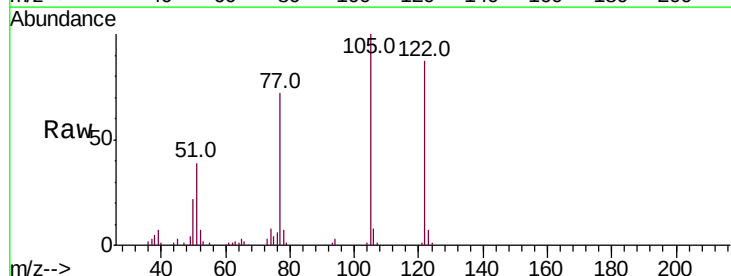
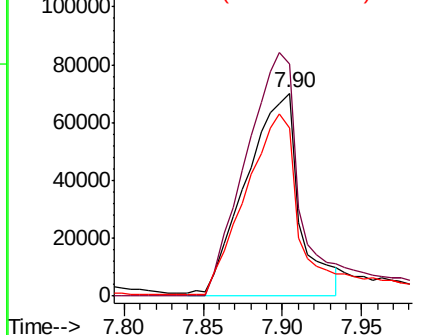
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	99.9	139.9
77	82.6	69.4	109.4

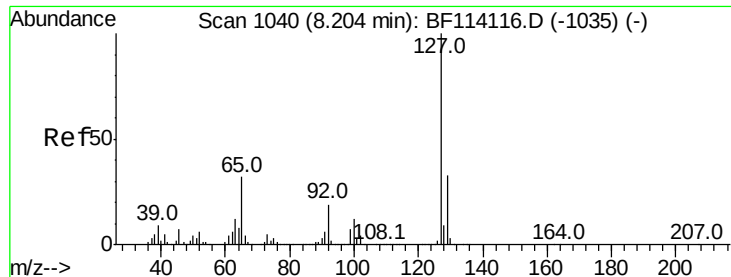
Abundance

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





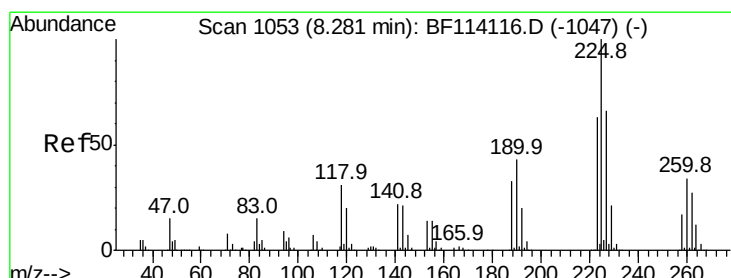
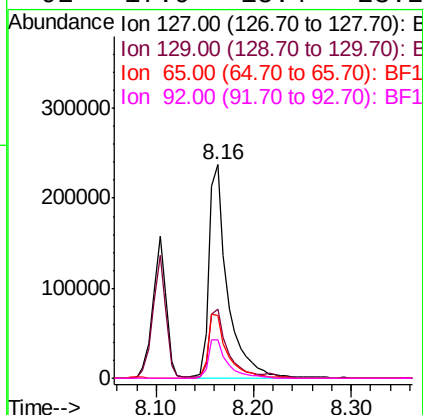
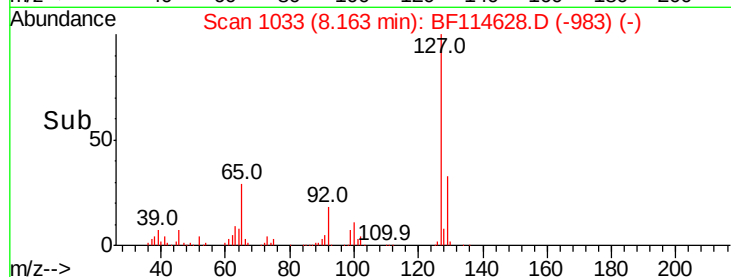
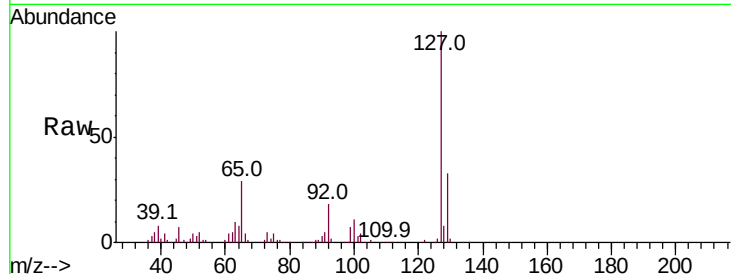
#33
4-Chloroaniline
Concen: 28.046 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.7	40.1		
65	29.4	25.4	38.0		
92	17.9	15.4	23.2		

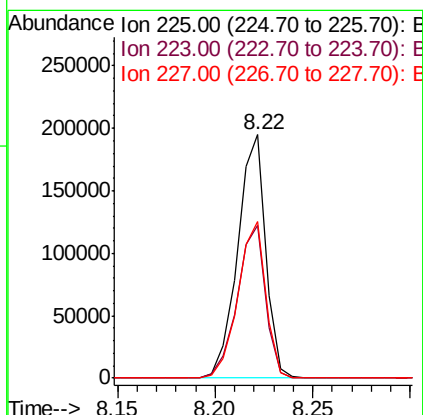
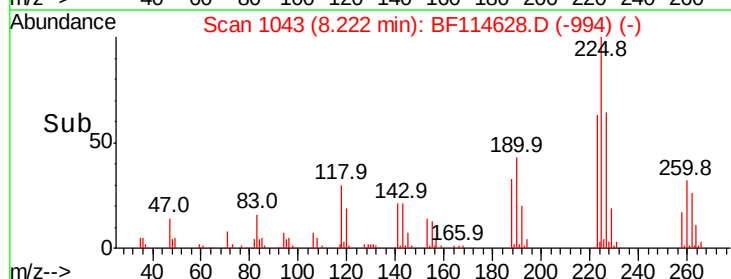
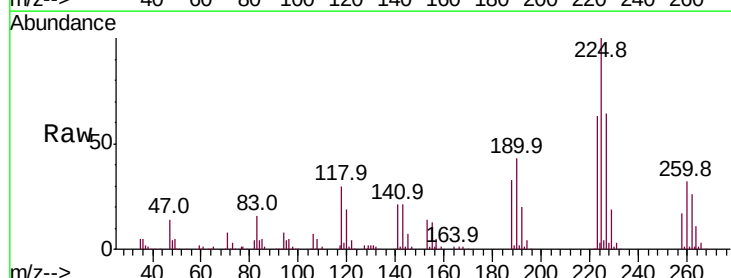
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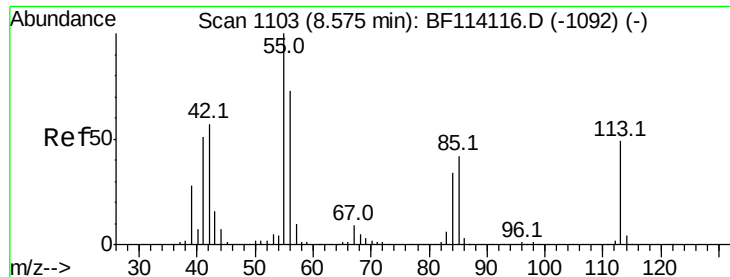
mohammad
5/27/2019 3:50:46 AM



#34
Hexachlorobutadiene
Concen: 41.580 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.2	75.2		
227	64.1	52.6	79.0		





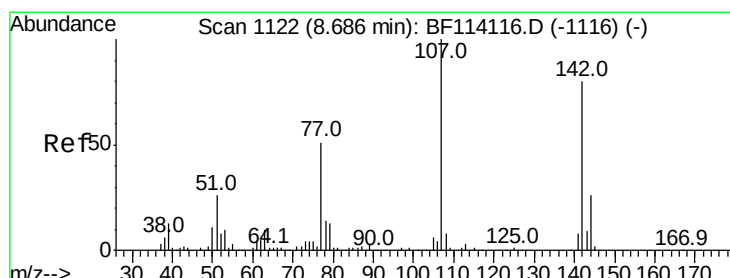
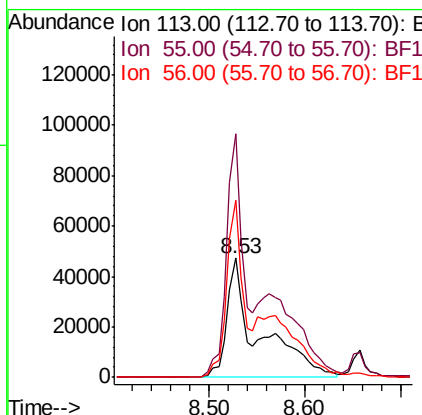
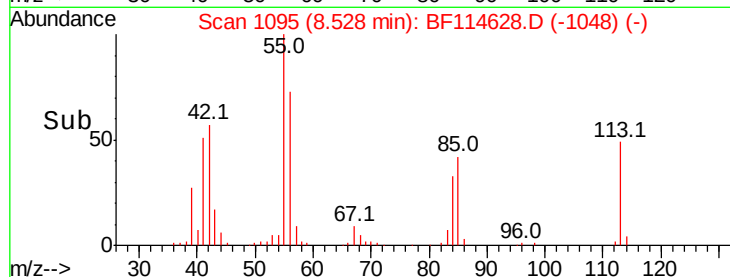
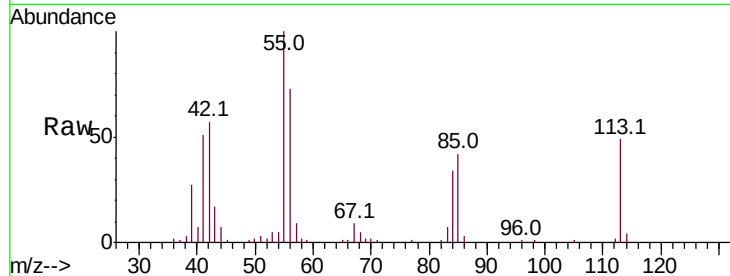
#35
 Caprolactam
 Concen: 45.866 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleID :
 PB120077BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	204.1	183.5	223.5		
56	148.3	128.8	168.8		

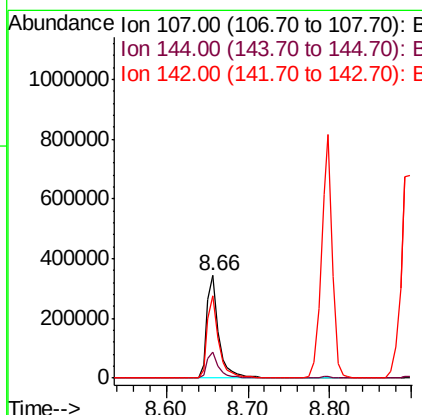
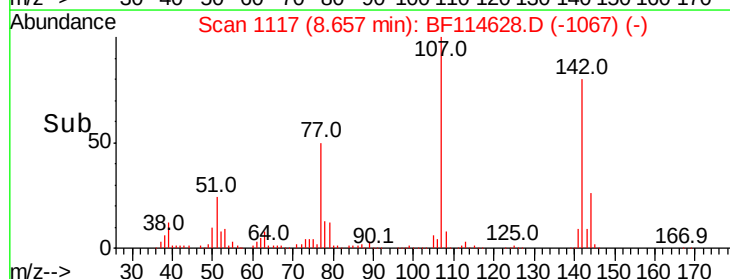
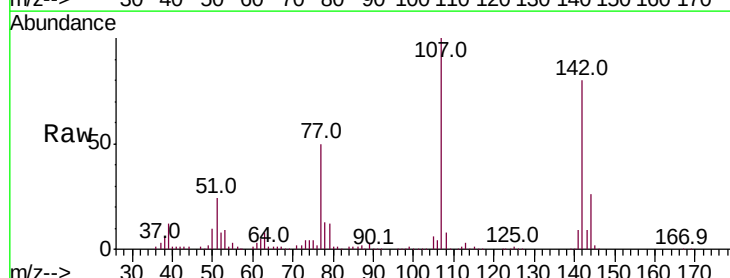
Manual Integrations
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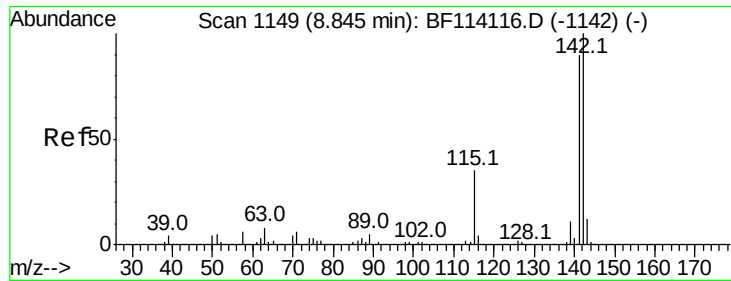
mohammad
 5/27/2019 3:50:46 AM



#36
 4-Chloro-3-methylphenol
 Concen: 47.897 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9	20.4	30.6		
142	79.8	64.2	96.4		





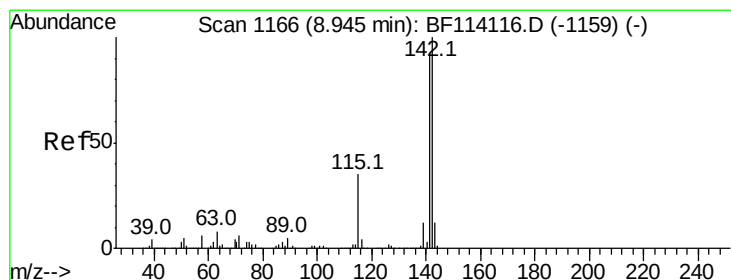
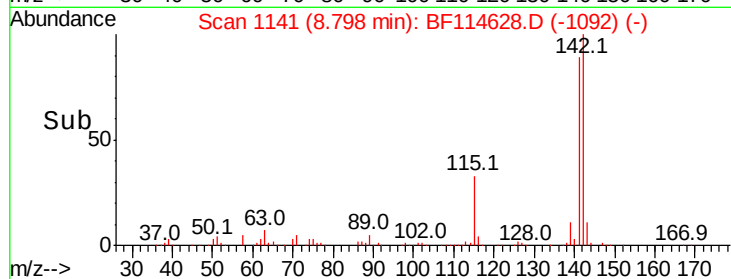
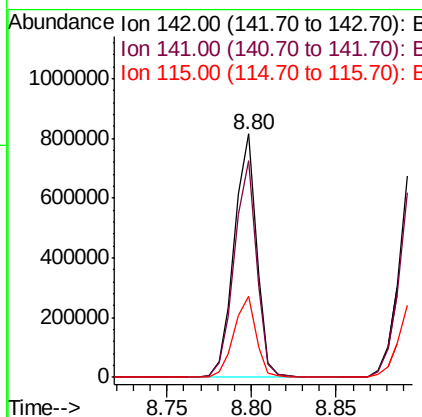
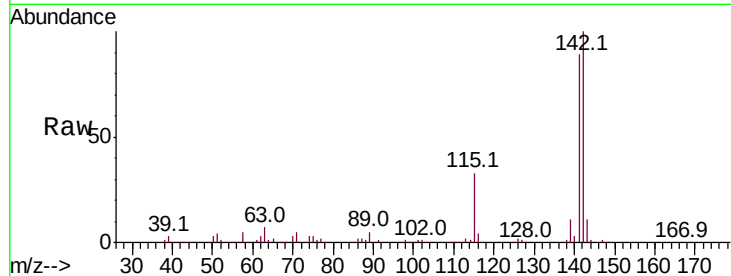
#37
2-Methylnaphthalene
Concen: 47.686 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampled :
PB120077BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.1	108.1
115	33.4	28.0	42.0

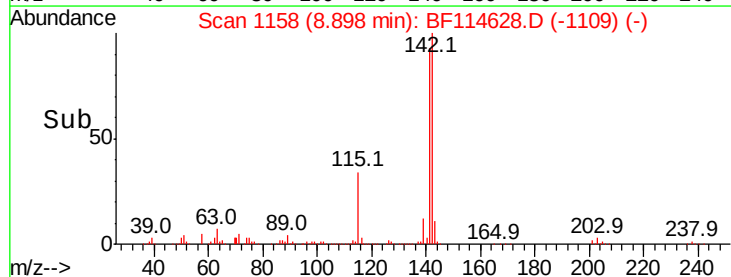
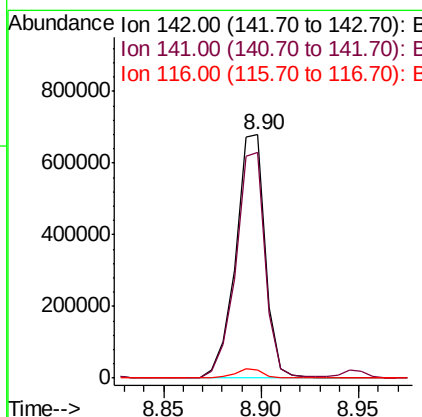
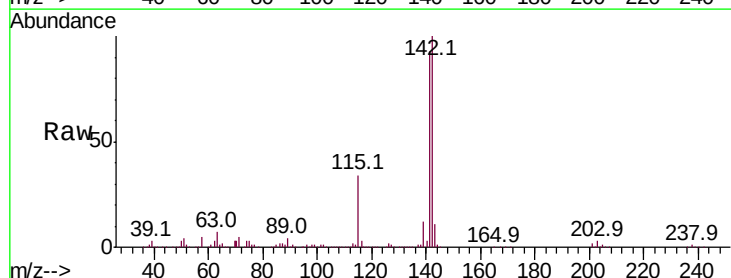
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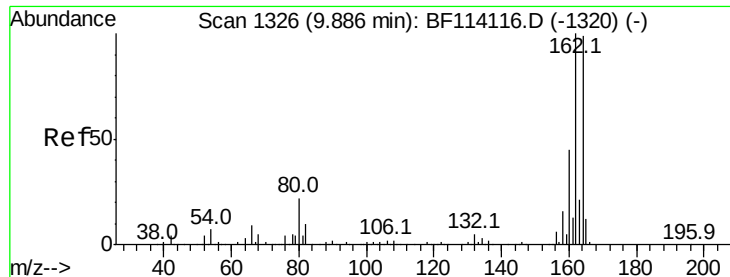
mohammad
5/27/2019 3:50:46 AM



#38
1-Methylnaphthalene
Concen: 47.764 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.4	110.0
116	3.4	3.1	4.7





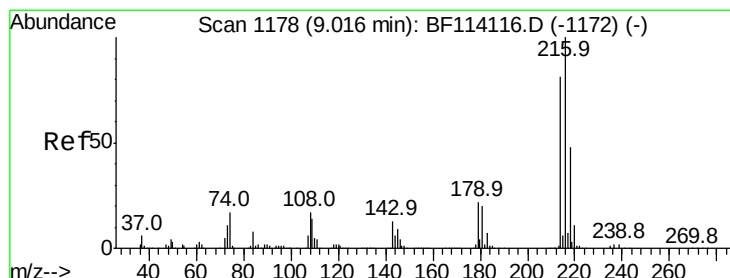
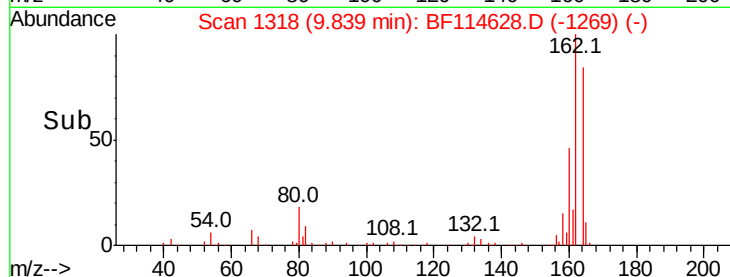
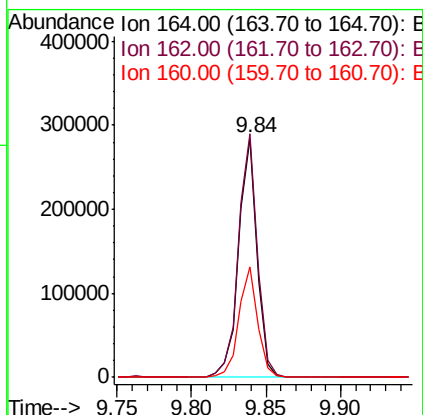
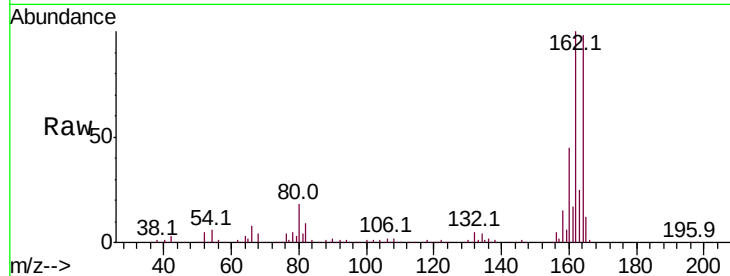
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	246157		
162	102.1	80.6	120.8	
160	46.2	36.5	54.7	

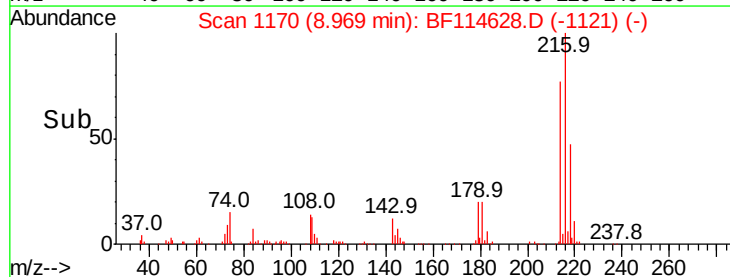
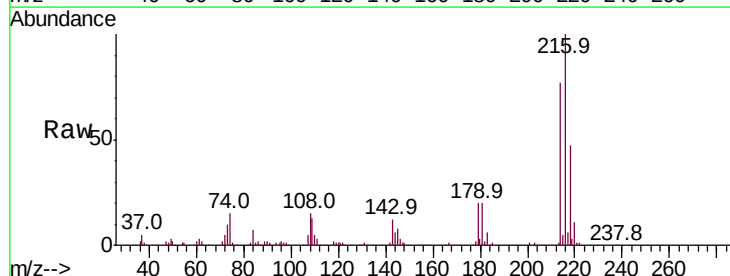
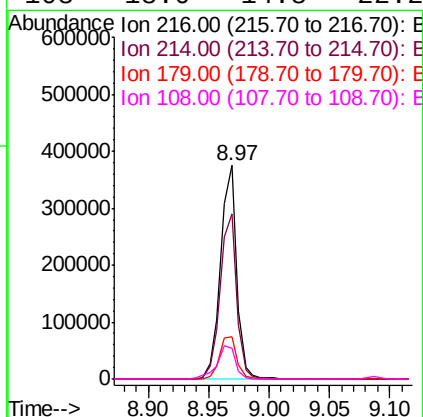
Manual Integrations
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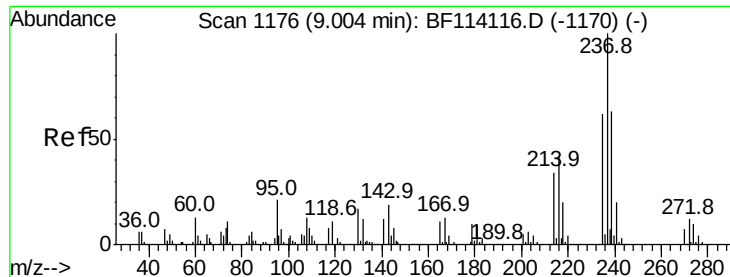
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.150 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	344126		
214	79.2	63.9	95.9	
179	21.2	17.0	25.6	
108	18.0	14.8	22.2	





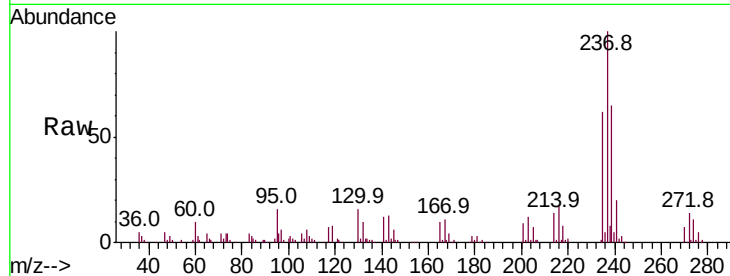
#41
Hexachlorocyclopentadiene
Concen: 43.685 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

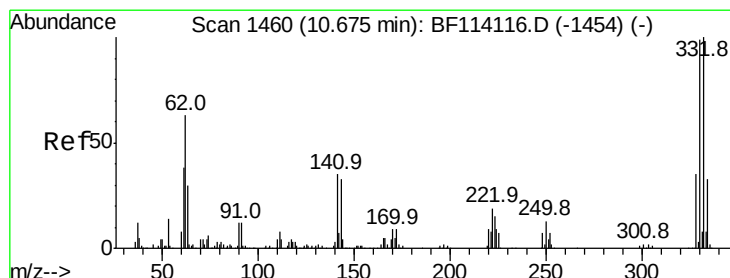
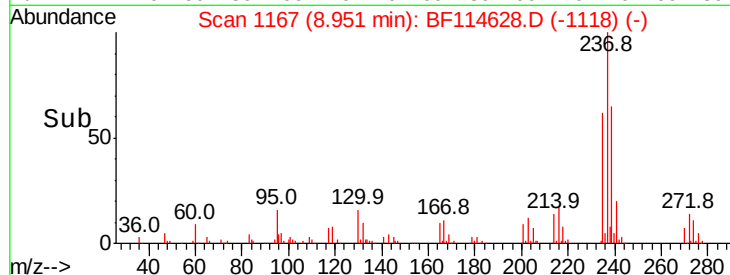
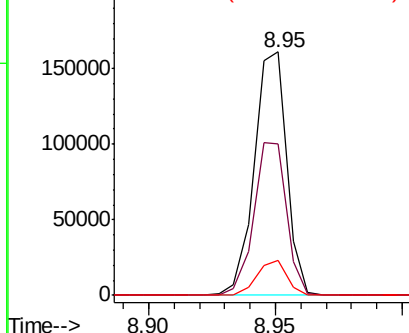
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	42.0	82.0
272	14.4	0.0	32.4

Manual Integrations
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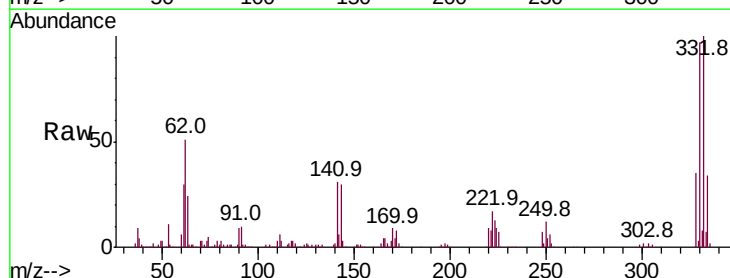


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

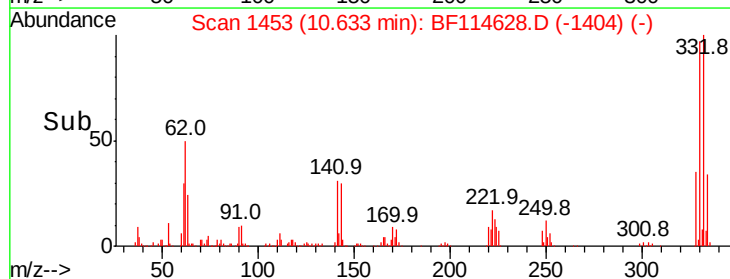
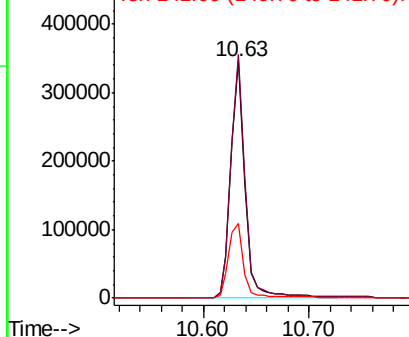


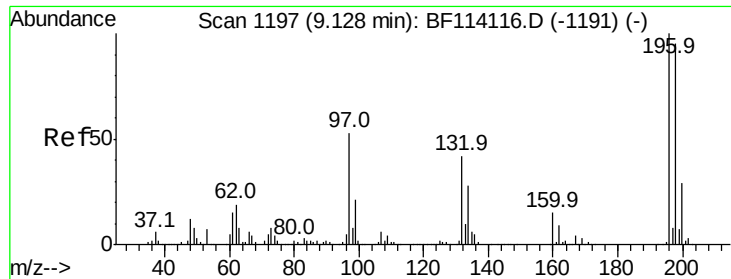
#42
2,4,6-Tribromophenol
Concen: 127.987 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	103.0	81.4	122.2
141	33.3	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





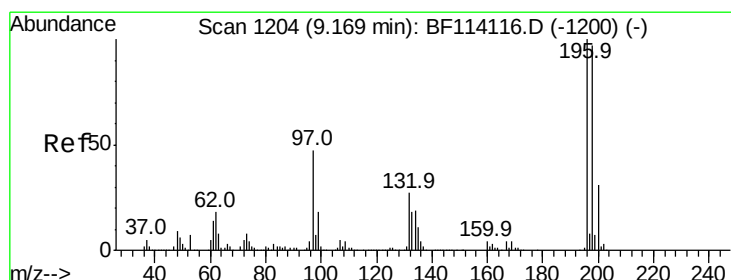
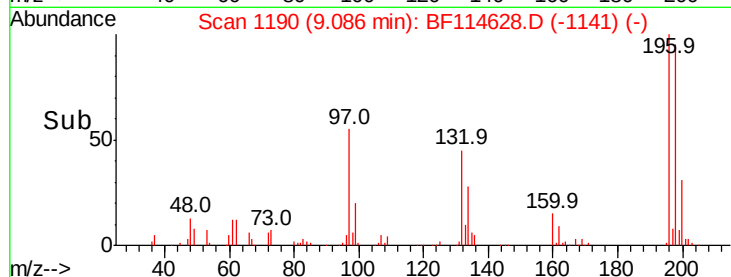
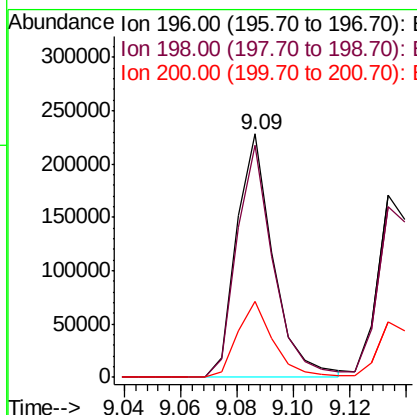
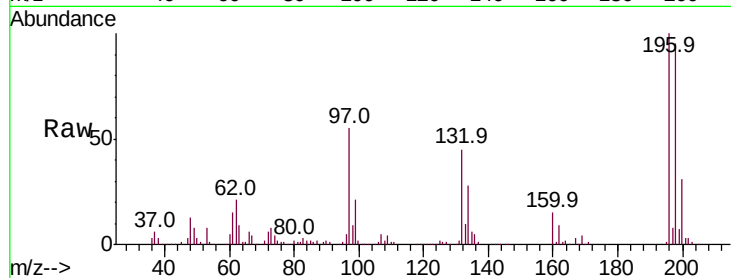
#43
 2,4,6-Trichlorophenol
 Concen: 40.098 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion:	196	Resp:	205656
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.9	113.9
200	31.0	23.5	35.3

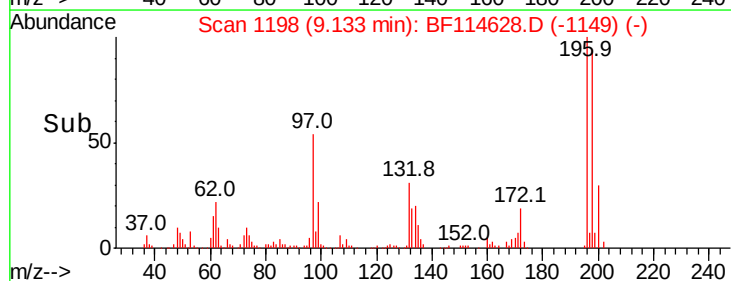
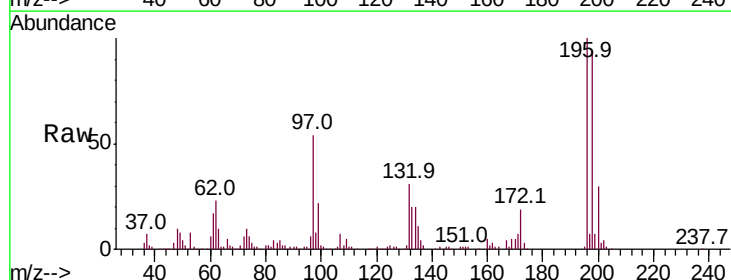
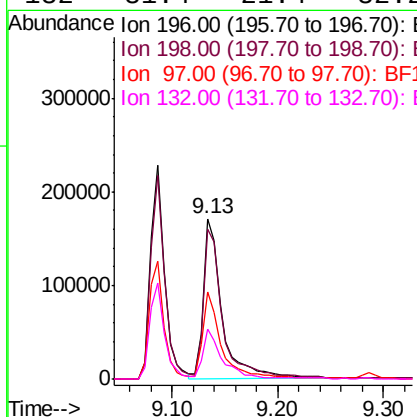
Manual Integrations
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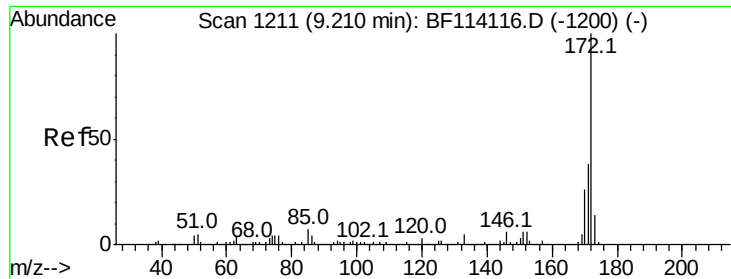
mohammad
 5/27/2019 3:50:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.885 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion:	196	Resp:	209790
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.7	116.5
97	54.1	38.2	57.2
132	31.4	21.4	32.2





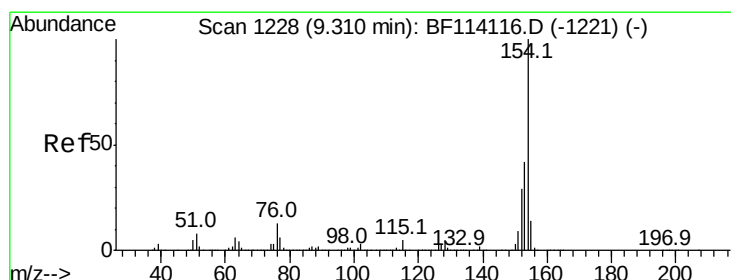
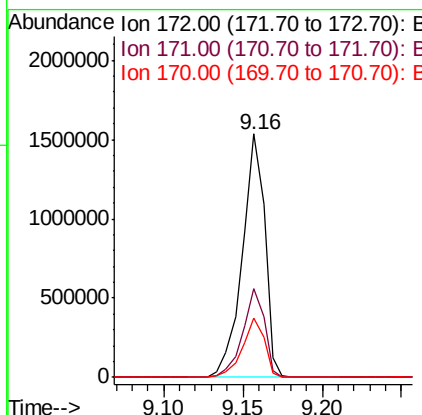
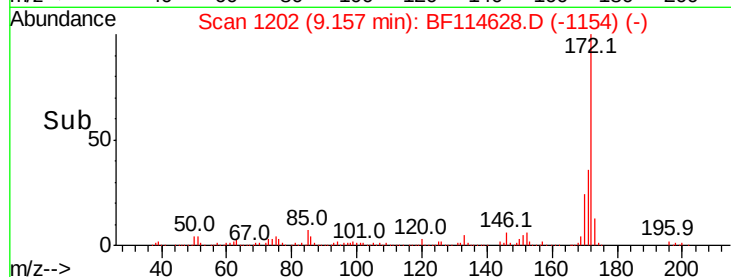
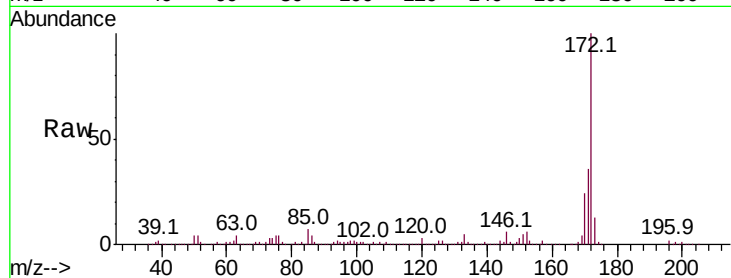
#45
2-Fluorobiphenyl
Concen: 92.535 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion:172 Resp: 1505824
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.4 20.5 30.7

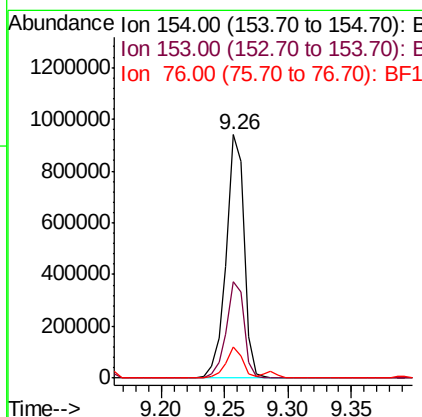
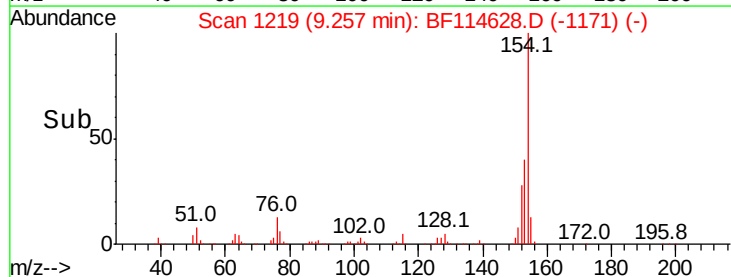
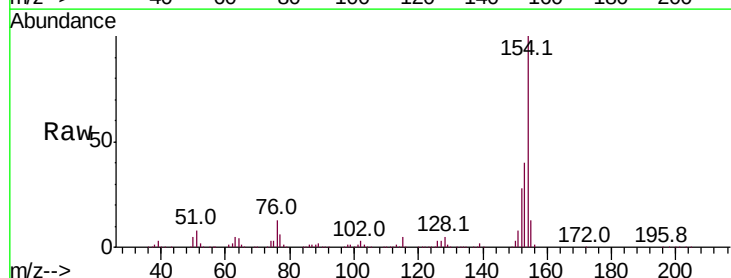
Manual Integrations
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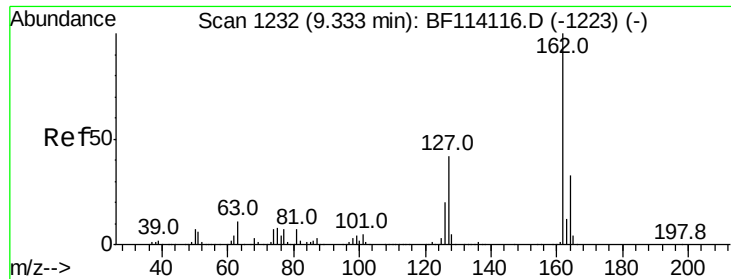
mohammad
5/27/2019 3:50:46 AM



#46
1,1'-Biphenyl
Concen: 46.338 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:154 Resp: 921491
Ion Ratio Lower Upper
154 100
153 39.6 21.9 61.9
76 12.7 0.0 32.8





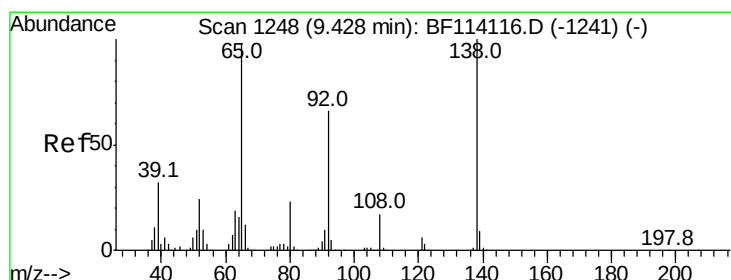
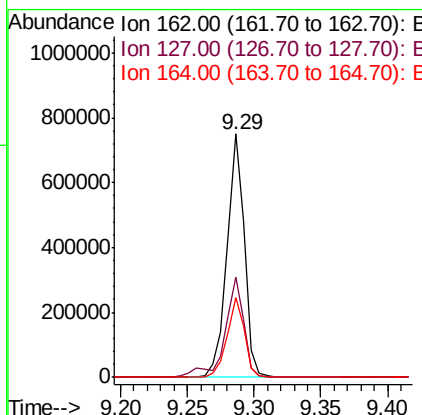
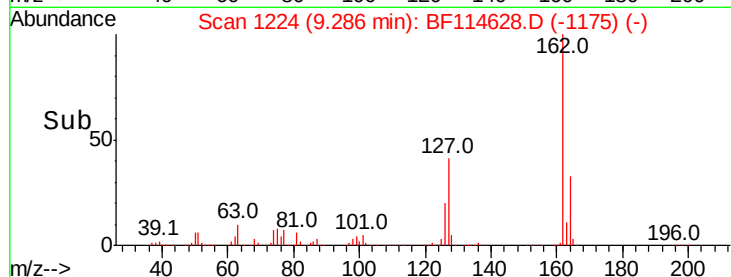
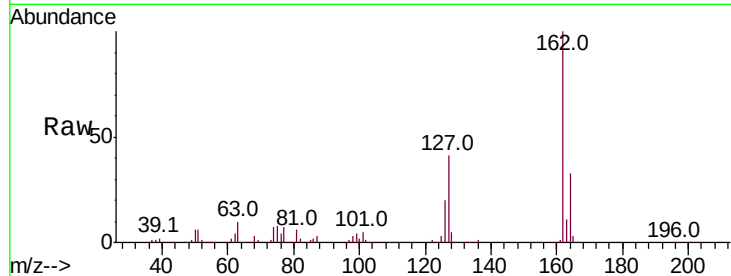
#47
 2-Chloronaphthalene
 Concen: 43.472 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	695734		
127	41.1	34.0	51.0	
164	32.7	26.7	40.1	

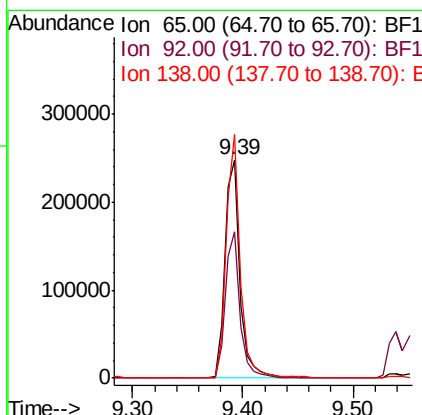
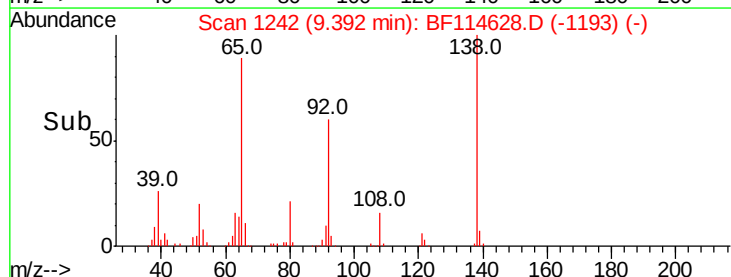
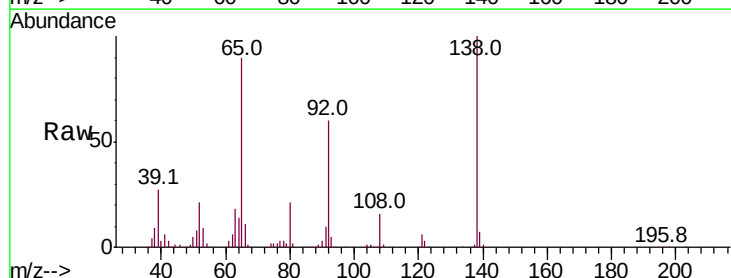
Manual Integrations
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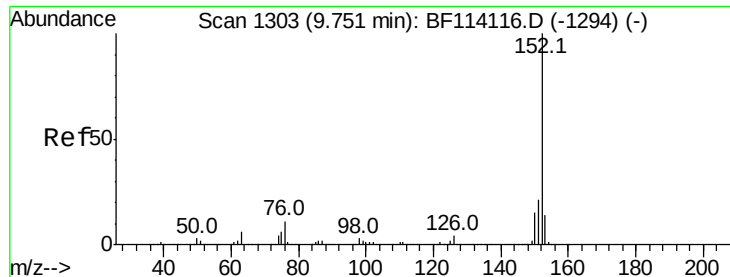
mohammad
 5/27/2019 3:50:46 AM



#48
 2-Nitroaniline
 Concen: 41.735 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	236879		
92	67.2	53.9	80.9	
138	111.7	81.4	122.0	





#49

Acenaphthylene

Concen: 45.132 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion:152 Resp: 1098569

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

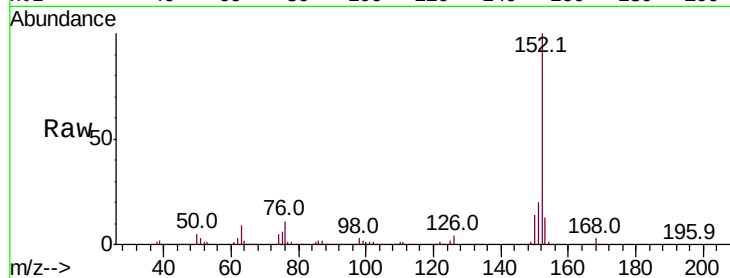
153 13.1 11.4 17.2

Manual Integrations

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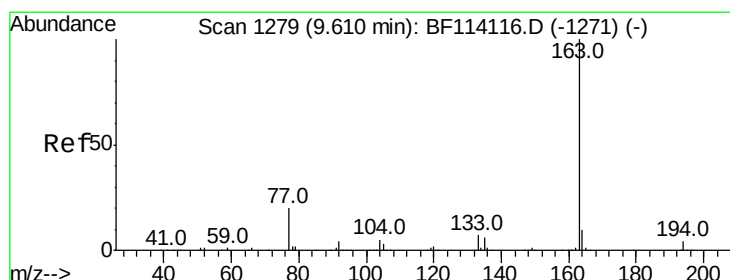
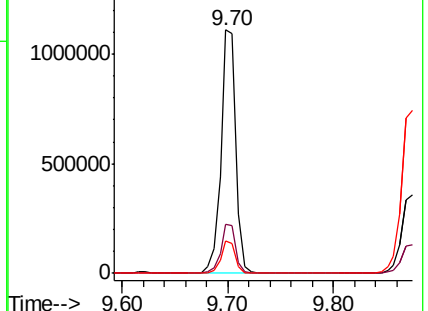
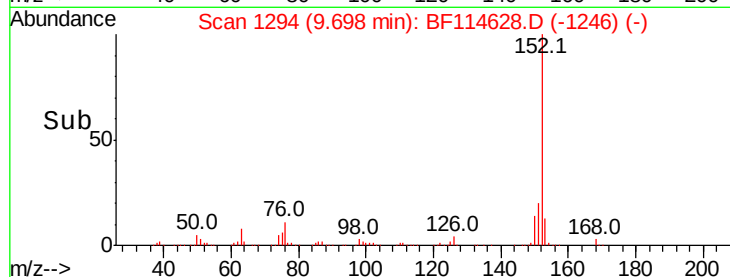
5/27/2019 3:50:46 AM



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: 42.974 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

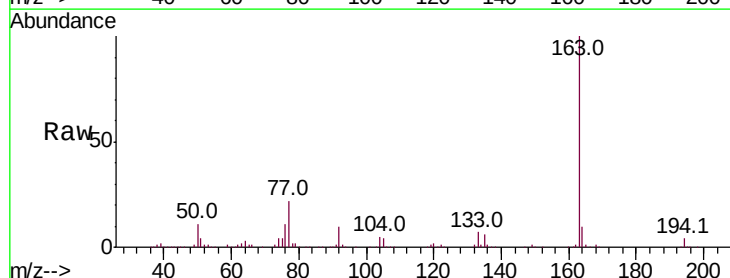
Tgt Ion:163 Resp: 776551

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

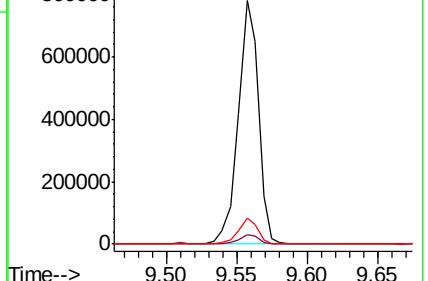
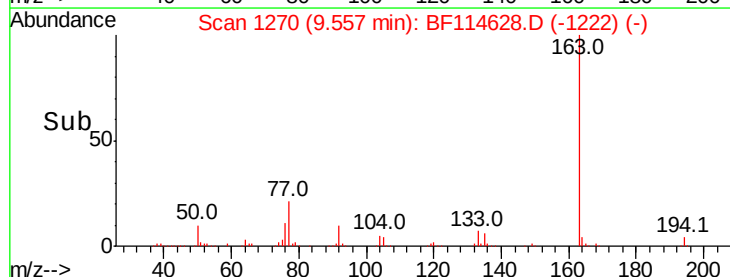
164 10.5 8.2 12.2

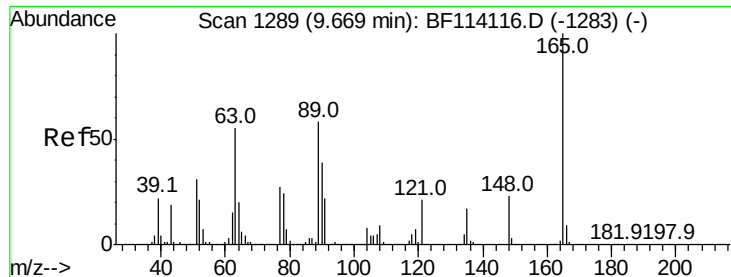


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





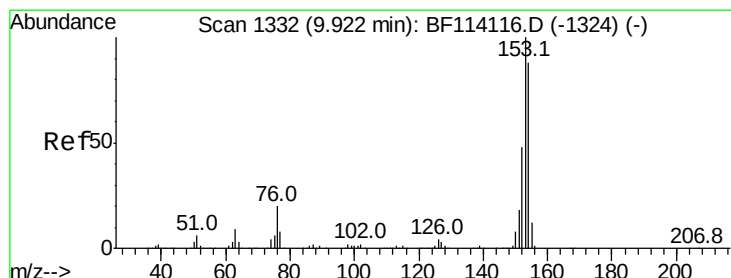
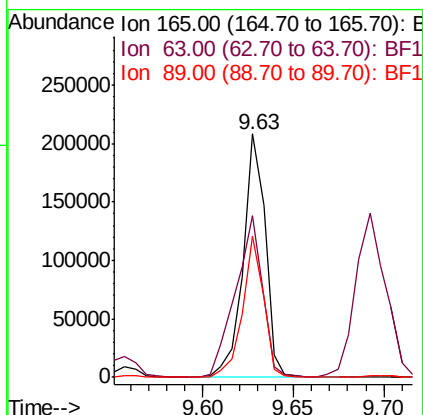
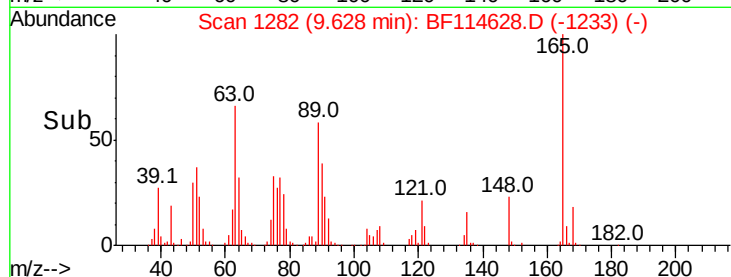
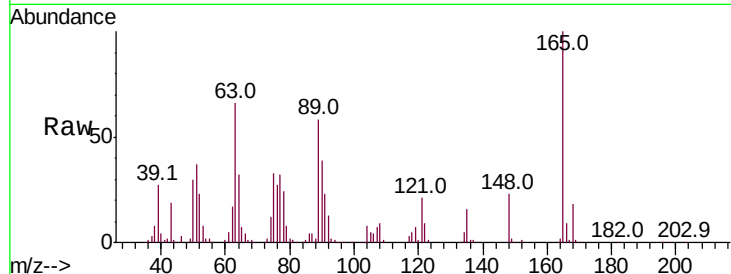
#51
2,6-Dinitrotoluene
Concen: 43.855 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175770		
63	66.4	50.2	75.4	
89	57.9	46.6	69.8	

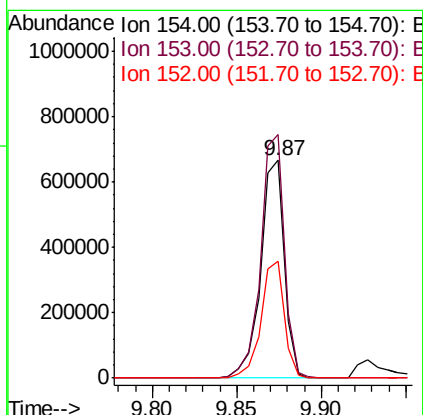
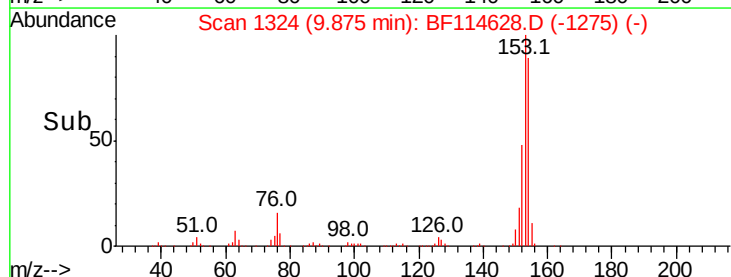
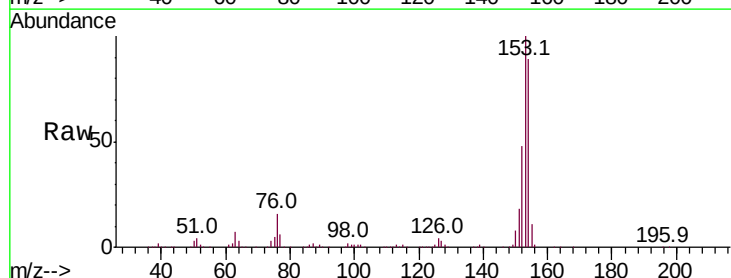
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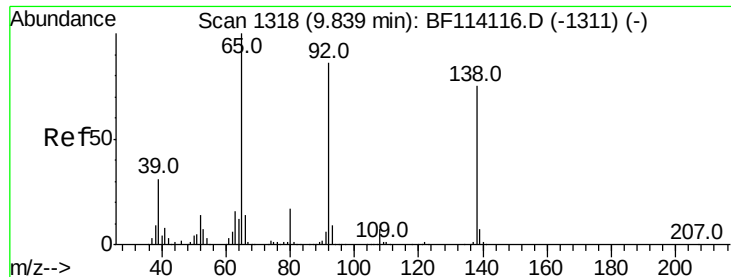
mohammad
5/27/2019 3:50:46 AM



#52
Acenaphthene
Concen: 43.474 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	649364		
153	112.0	90.5	135.7	
152	53.5	43.4	65.2	





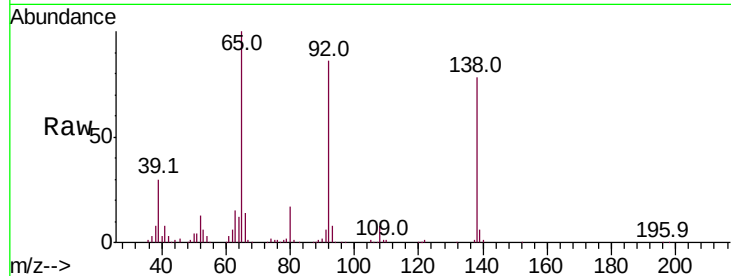
#53
3-Nitroaniline
Concen: 28.008 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.6
92	110.9	91.2	136.8

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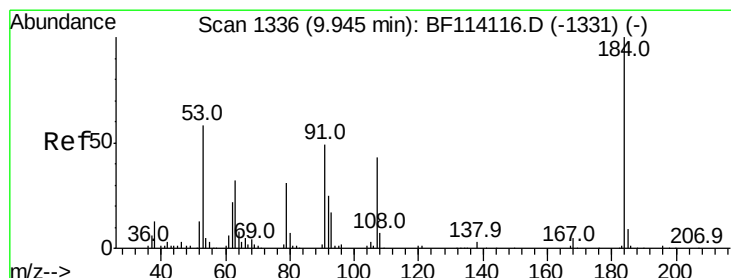
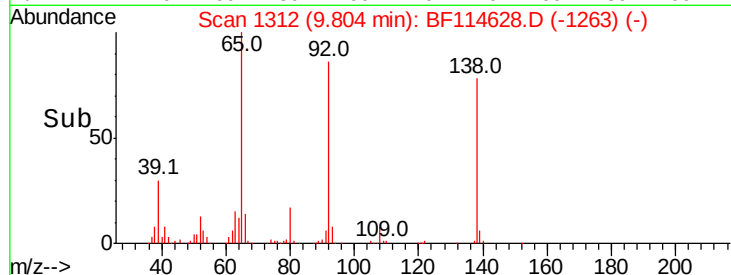
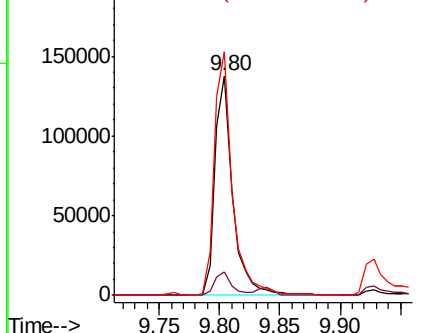


Abundance

Ion 138.00 (137.70 to 138.70): E

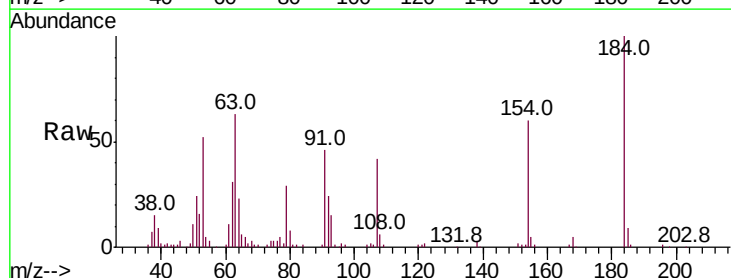
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 63.927 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	55.6	83.4
154	59.7	46.0	69.0

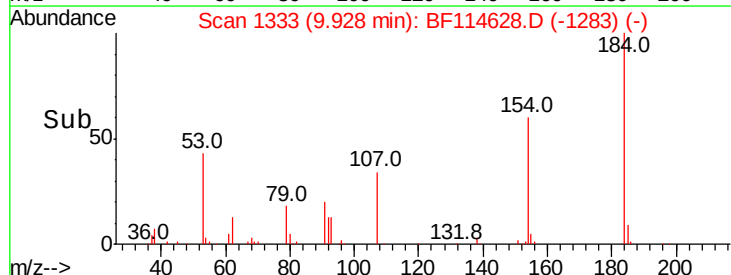
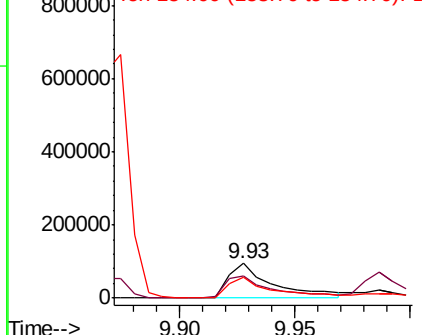


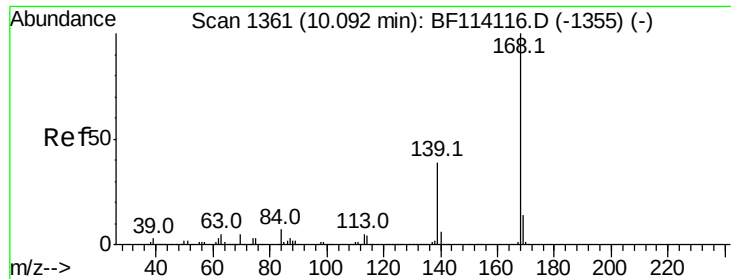
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





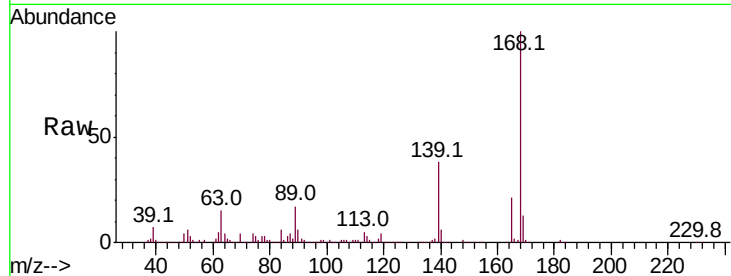
#55
Dibenzofuran
Concen: 42.861 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampled :
PB120077BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	13.2	11.4	17.0

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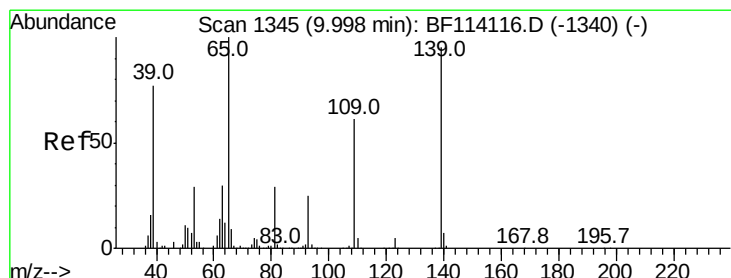
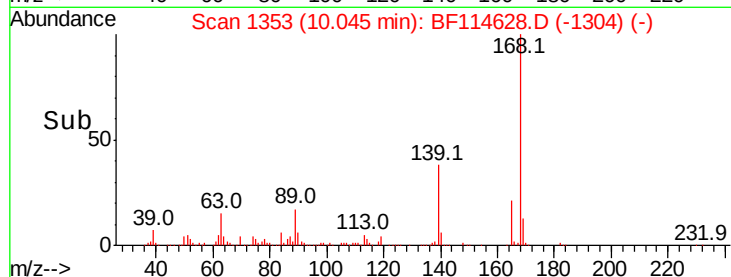
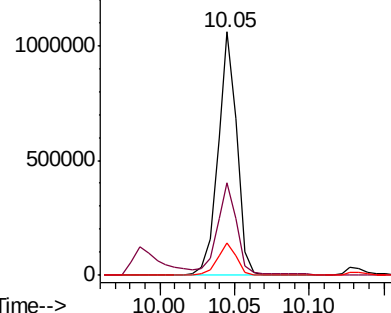


Abundance

Ion 168.00 (167.70 to 168.70): E

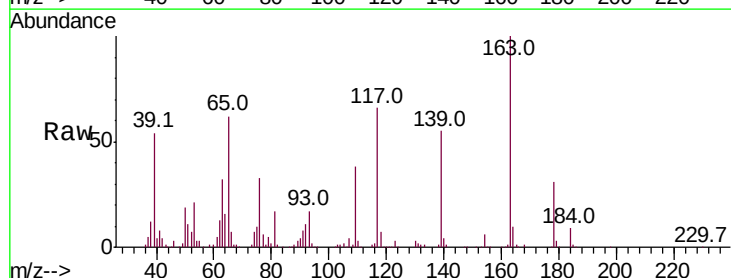
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 47.420 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	43.9	83.9
65	111.1	85.7	125.7

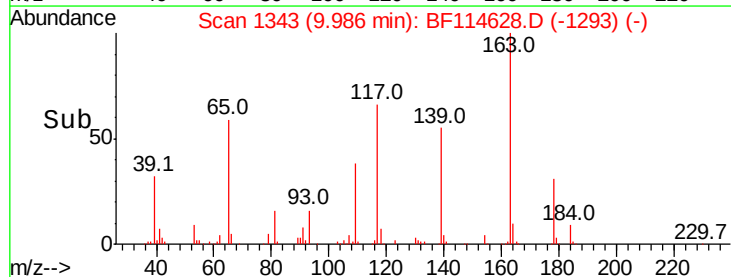
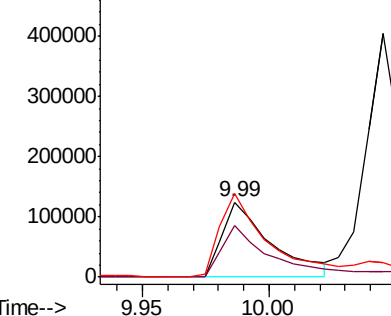


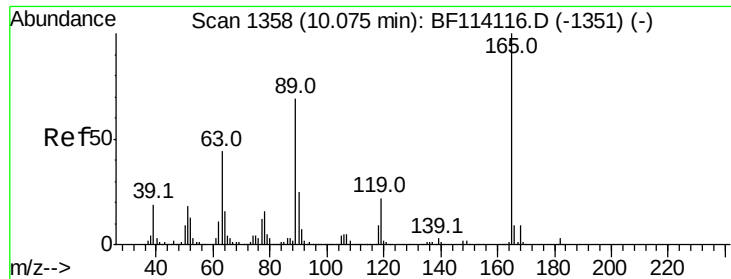
Abundance

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





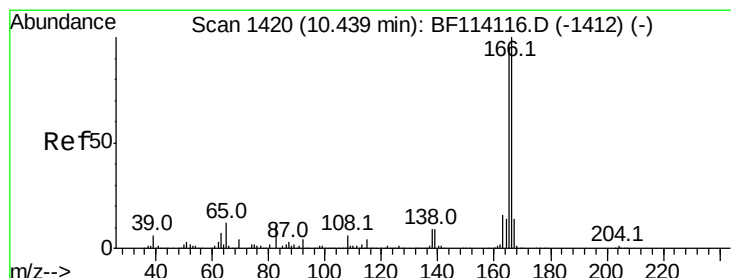
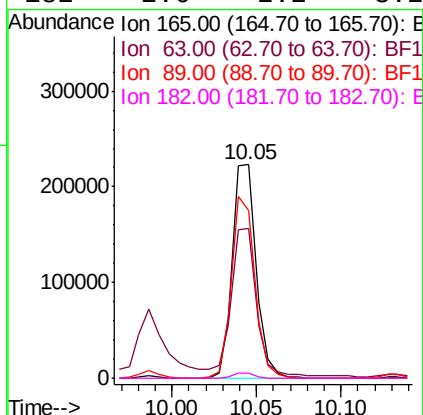
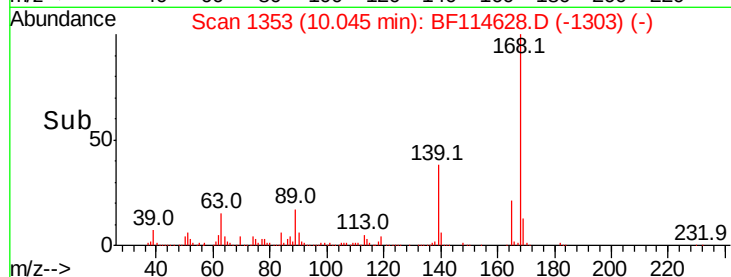
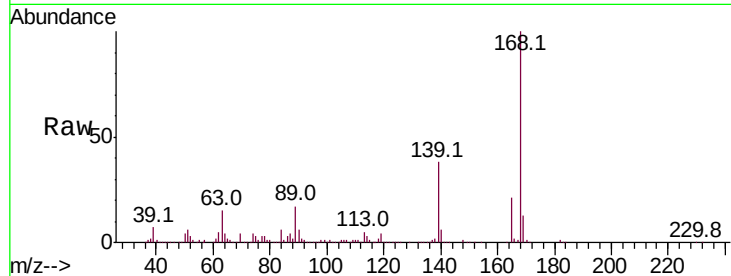
#57
2,4-Dinitrotoluene
Concen: 40.234 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	218870		
63	70.0	35.5	53.3	#
89	78.7	55.2	82.8	
182	2.6	2.2	3.2	

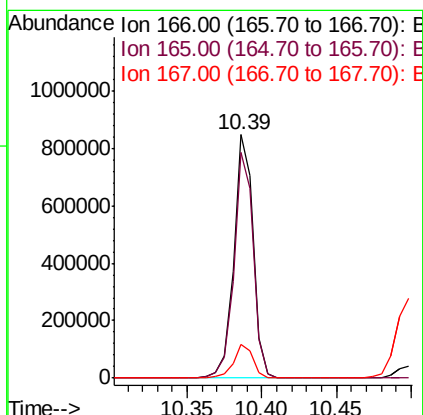
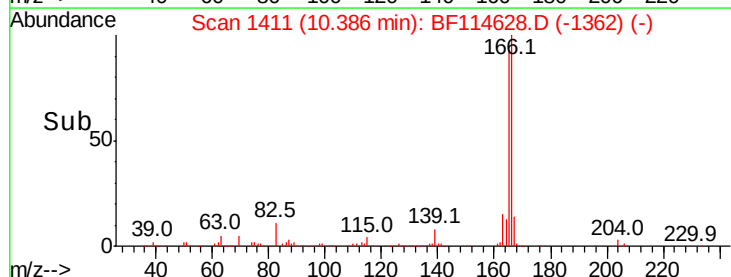
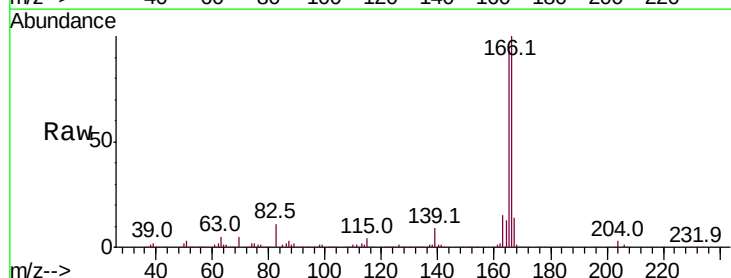
Manual Integrations
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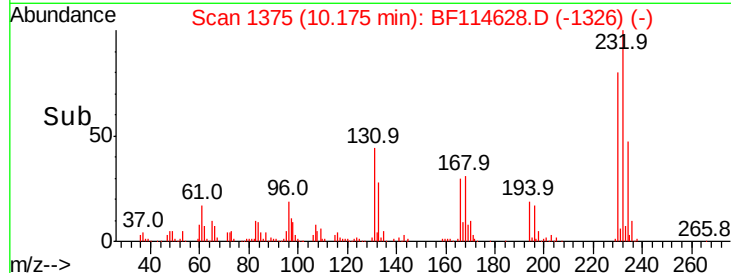
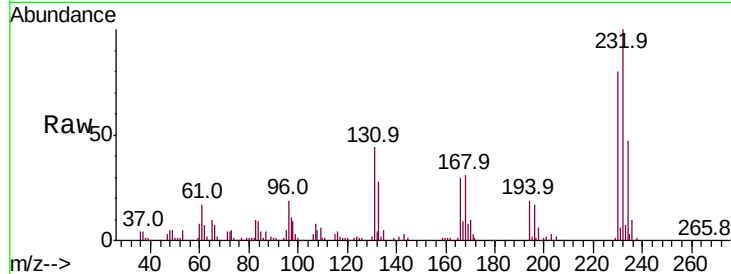
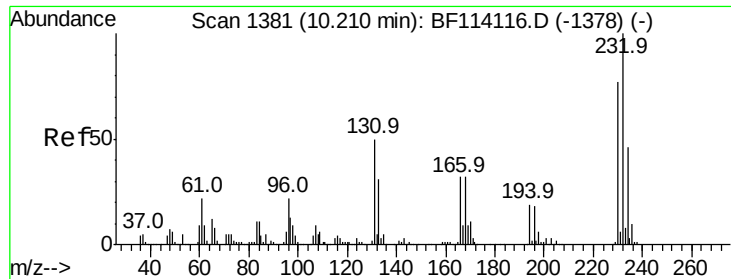
mohammad
5/27/2019 3:50:46 AM



#58
Fluorene
Concen: 45.536 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	770383		
165	92.8	76.1	114.1	
167	13.7	11.1	16.7	





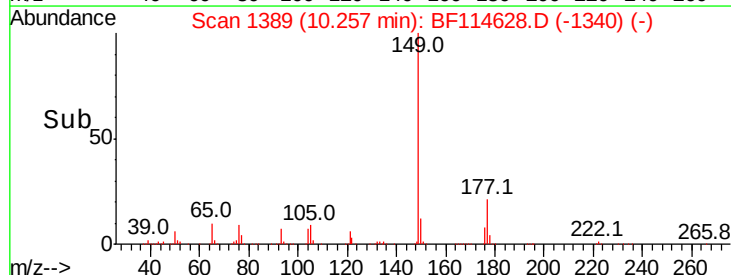
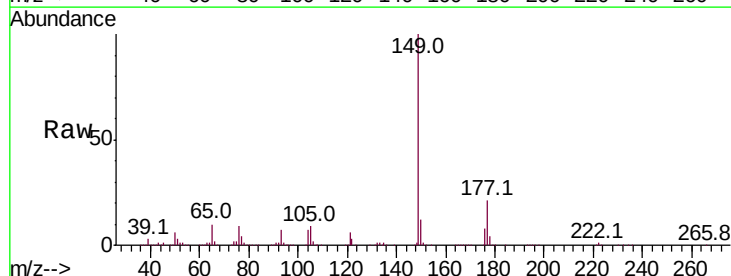
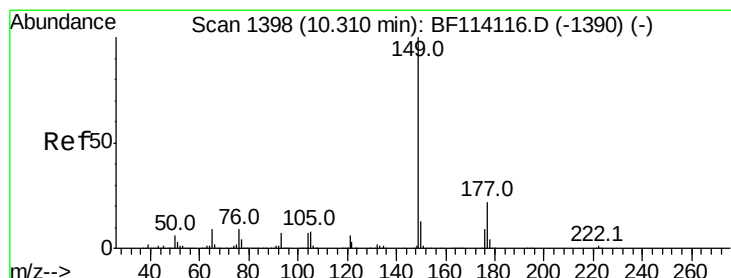
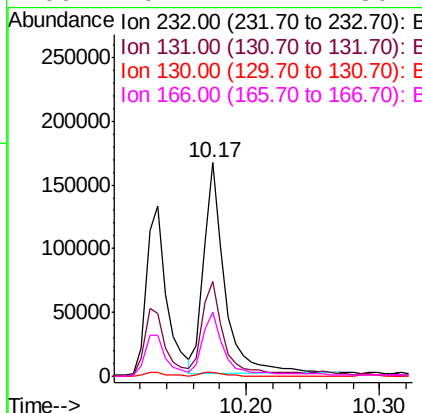
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.607 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	179753		
131	44.2	35.6	53.4	
130	2.4	1.6	2.4	
166	29.4	24.1	36.1	

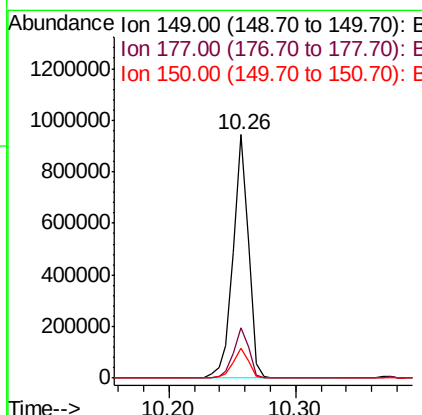
Manual Integrations
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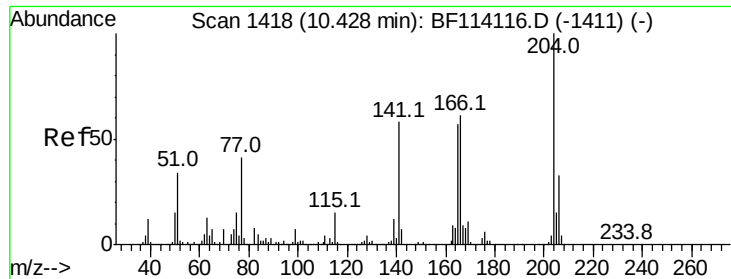
mohammad
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#60
Diethylphthalate
Concen: 42.531 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	780890		
177	20.8	17.8	26.6	
150	12.4	10.2	15.2	





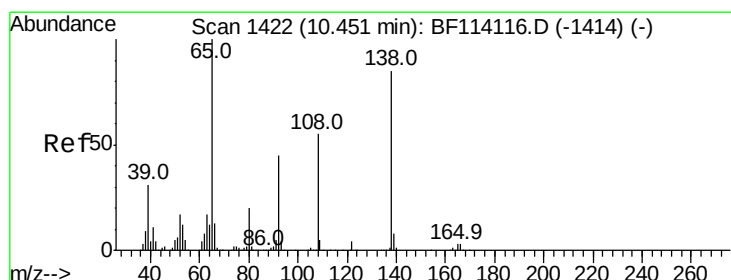
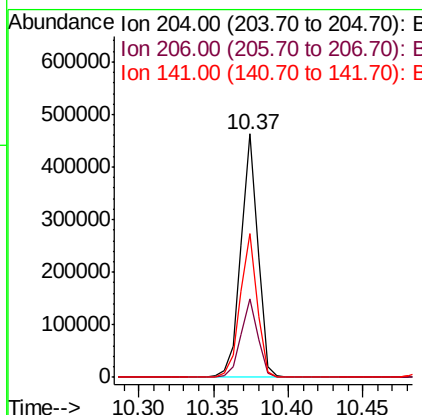
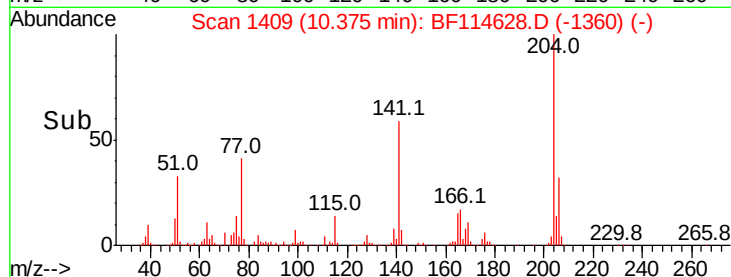
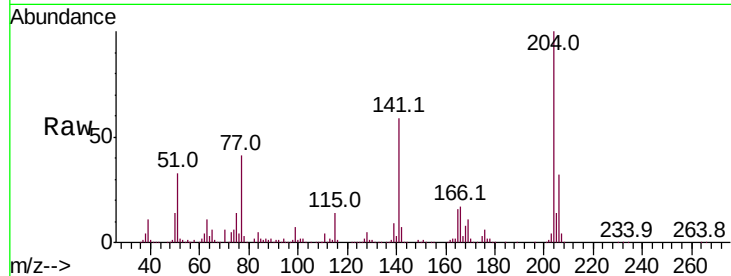
#61
4-Chlorophenyl-phenylether
Concen: 44.427 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	369154		
206	32.4	26.6	39.8	
141	59.3	46.4	69.6	

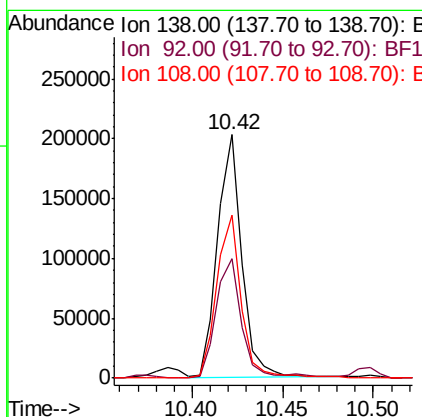
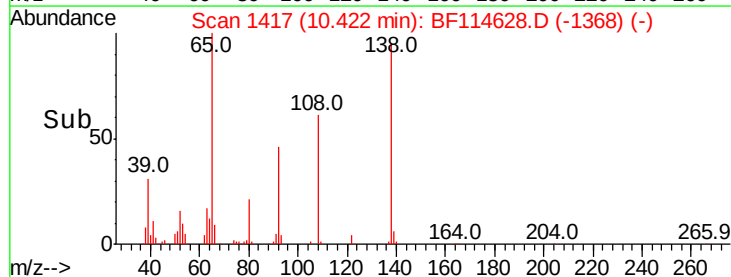
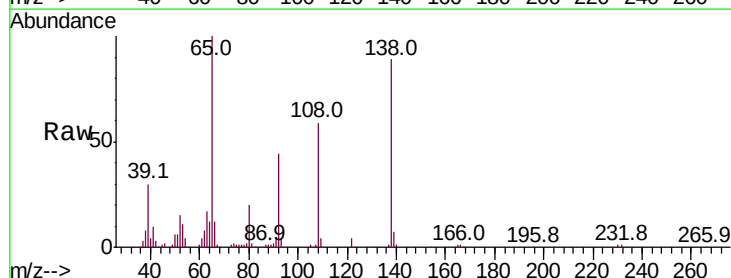
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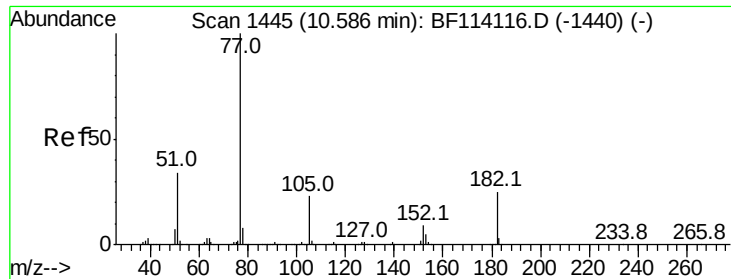
mohammad
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#62
4-Nitroaniline
Concen: 36.126 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	188871		
92	49.0	33.0	73.0	
108	66.8	44.9	84.9	





#63

Azobenzene

Concen: 42.368 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

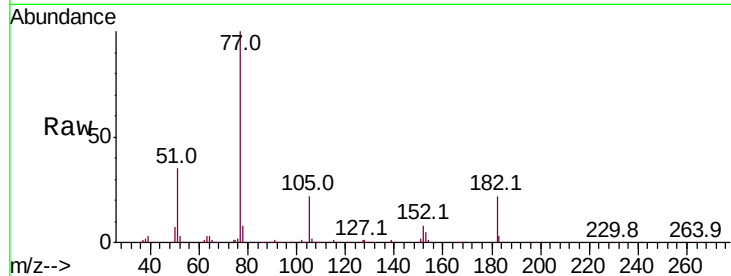
ClientSampleId :

PB120077BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.7	44.7
105	21.7	2.9	42.9
51	35.1	14.6	54.6

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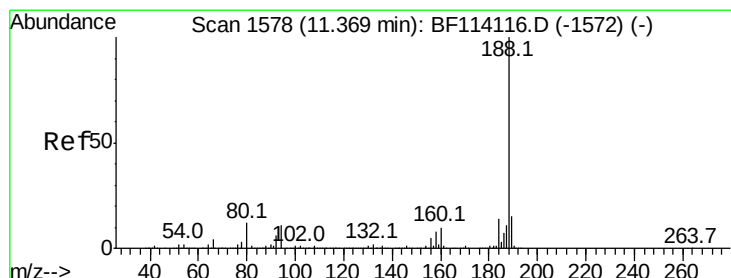
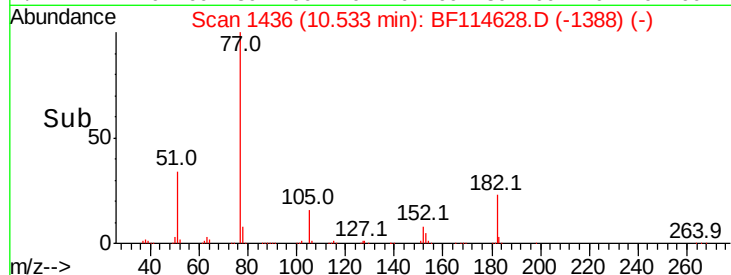
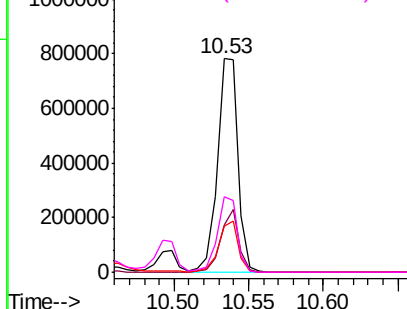


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114628.D

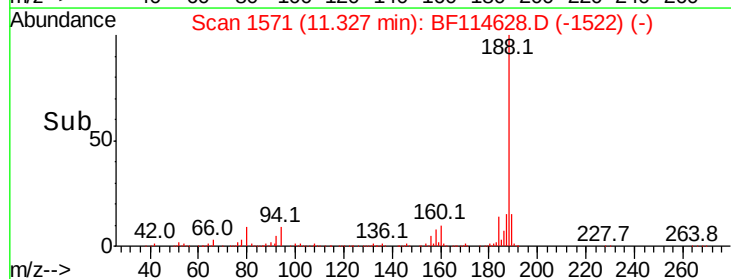
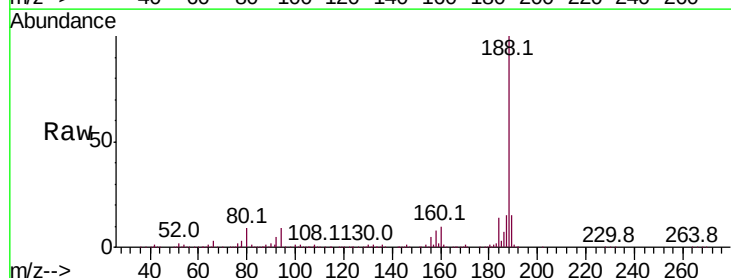
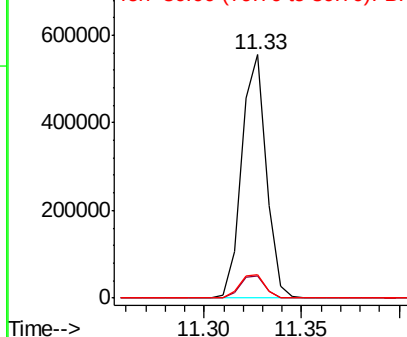
Acq: 26 May 2019 3:40

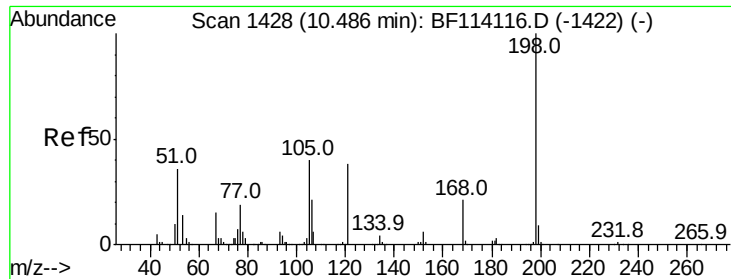
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.4	12.6
80	9.4	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.692 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

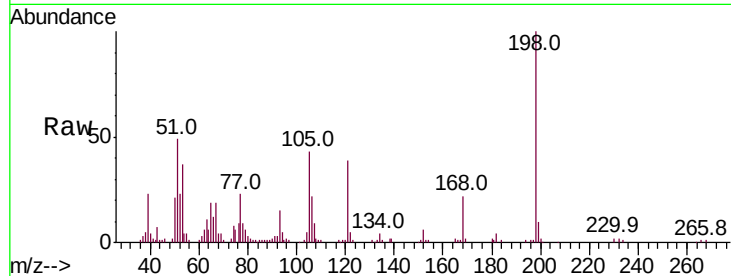
ClientSampleId :

PB120077BS

Tot Ion:	198	Resp:	97145
Ion Ratio	Lower	Upper	
198	100		
51	48.9	28.0	68.0
105	42.7	21.1	61.1

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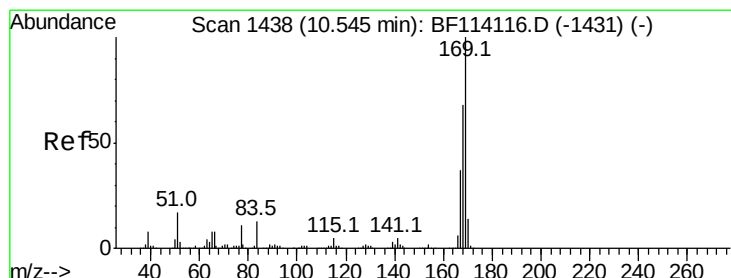
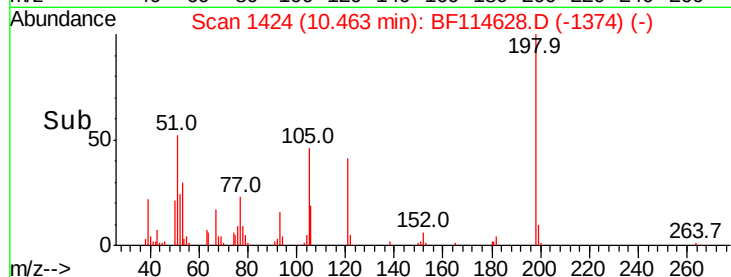
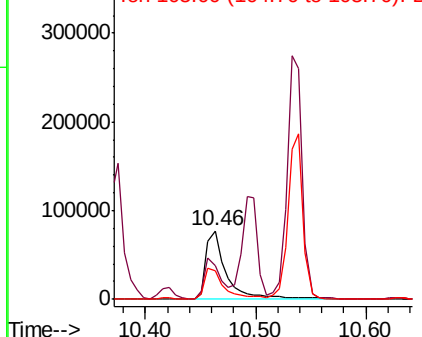
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.981 ng

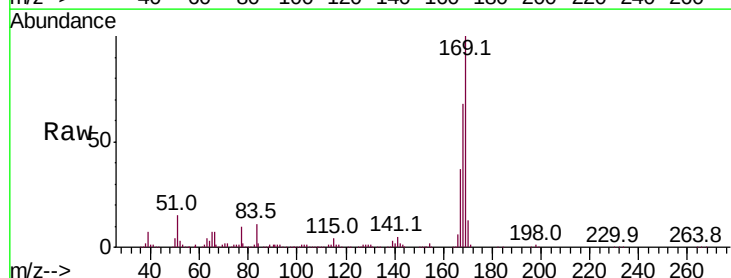
RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

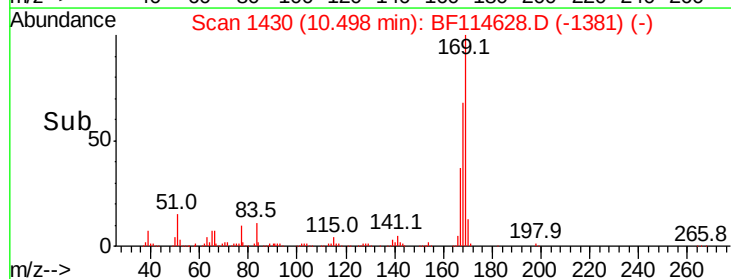
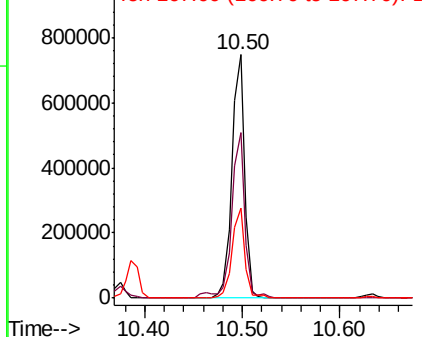
Tgt Ion:	169	Resp:	676705
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.2
167	37.1	29.8	44.8

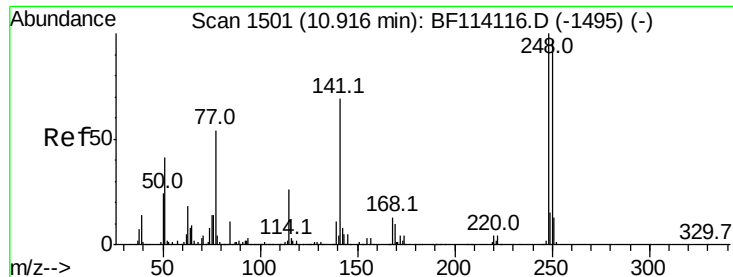


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





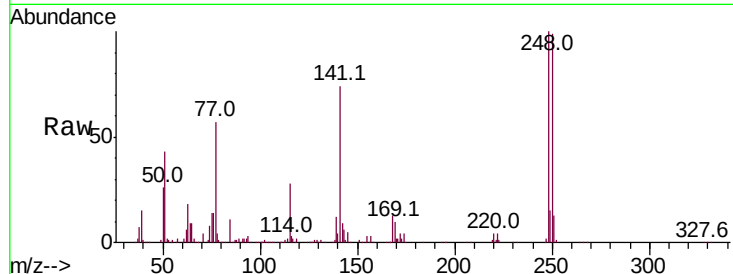
#67
4-Bromophenyl-phenylether
Concen: 42.374 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

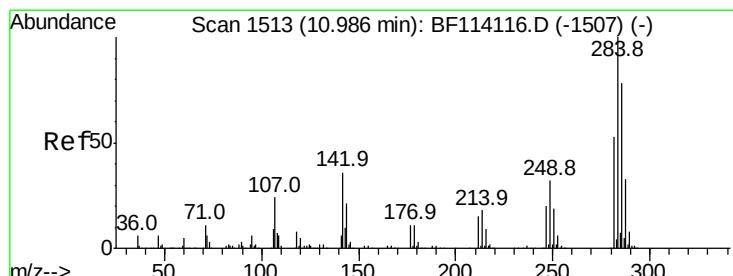
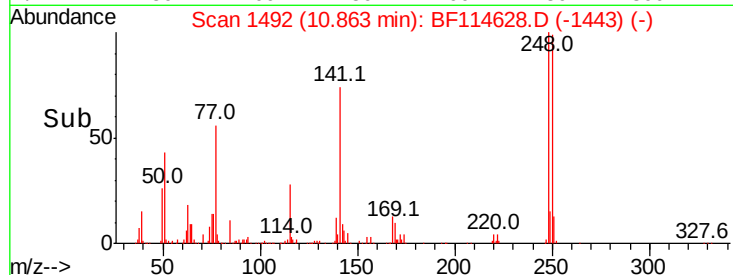
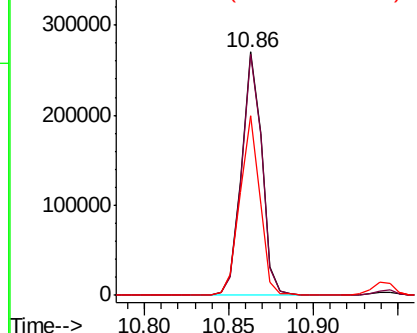
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.4	116.2
141	73.9	55.6	83.4

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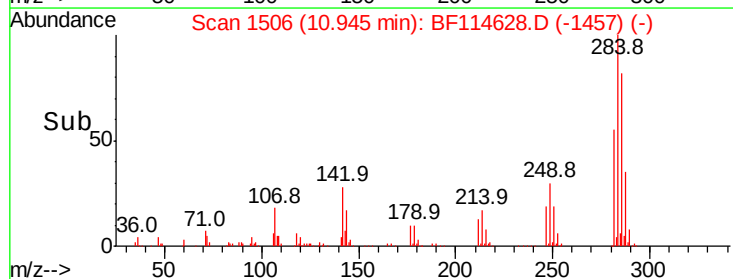
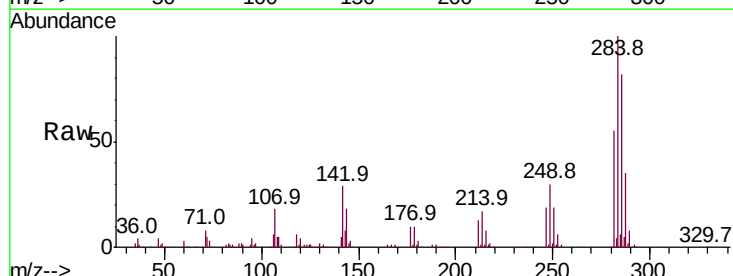
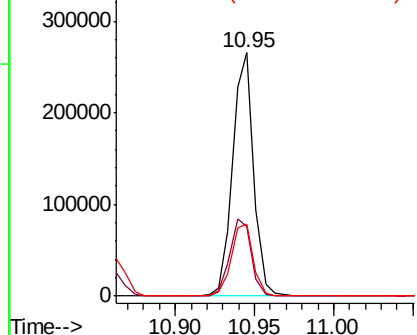
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

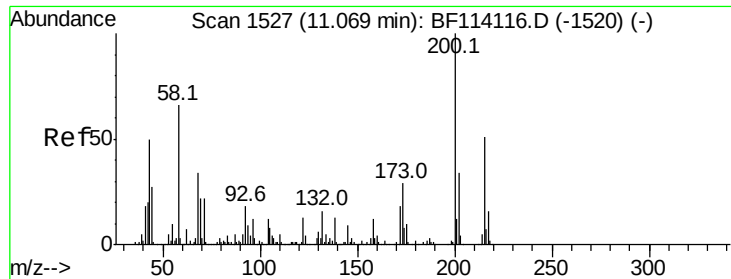


#68
Hexachlorobenzene
Concen: 41.192 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	28.4	42.6
249	29.7	25.2	37.8

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





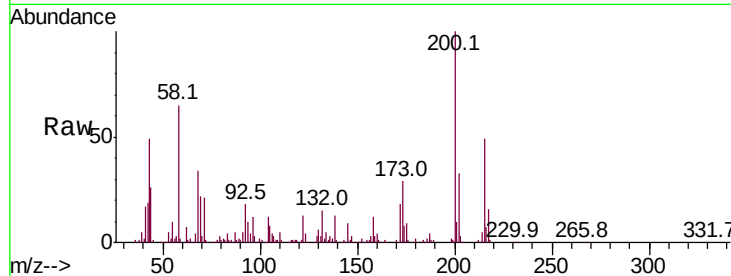
#69
Atrazine
Concen: 42.769 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	8.9	48.9
215	48.7	30.7	70.7

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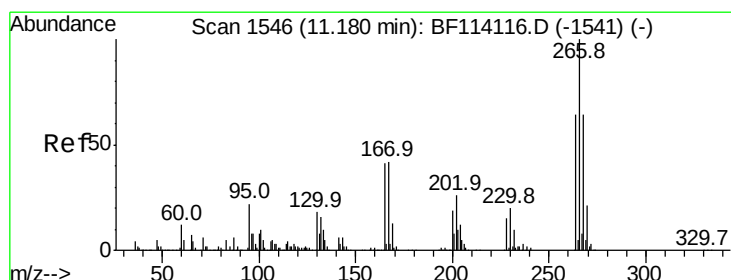
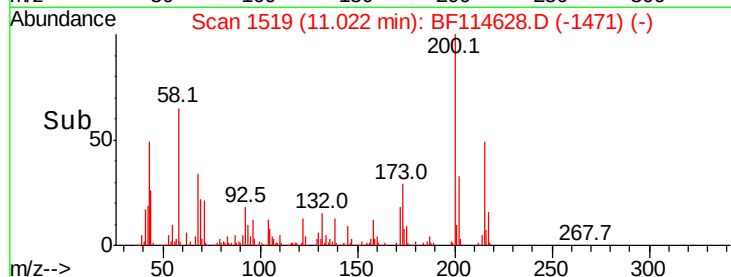
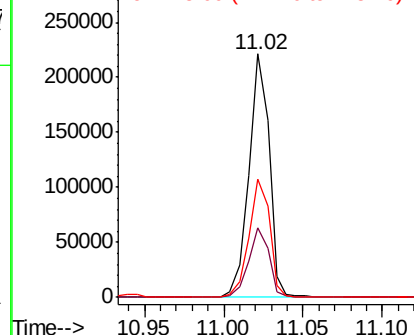


Abundance

Ion 200.00 (199.70 to 200.70): E

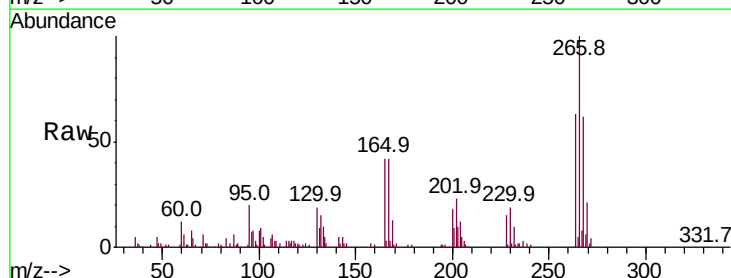
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 52.480 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.9	51.1	76.7
264	62.9	51.1	76.7

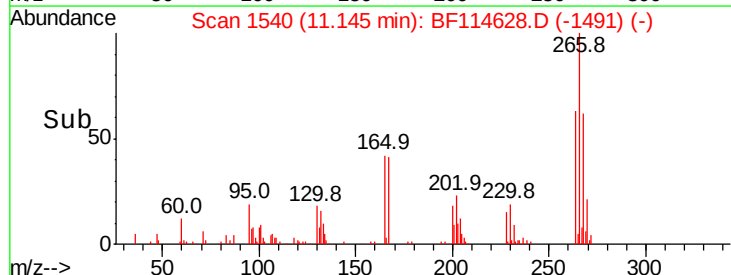
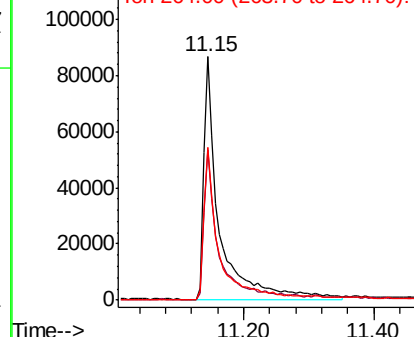


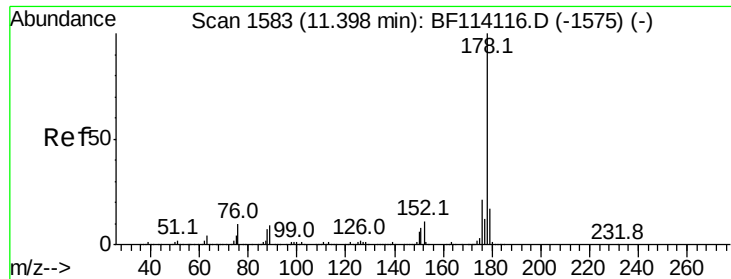
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





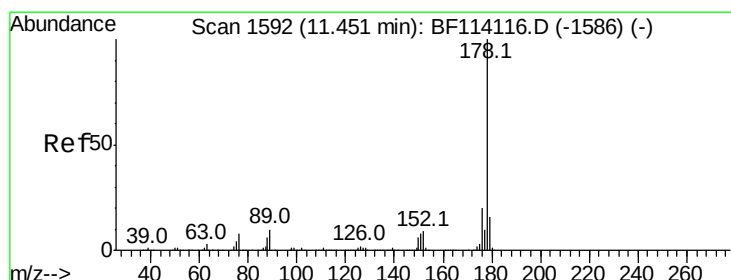
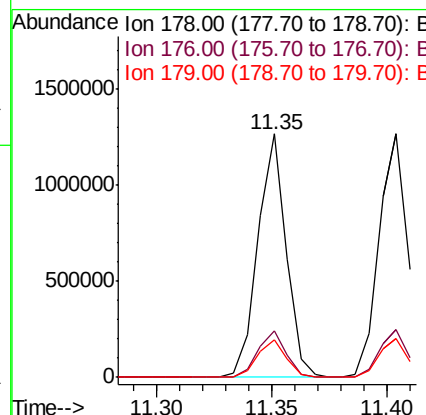
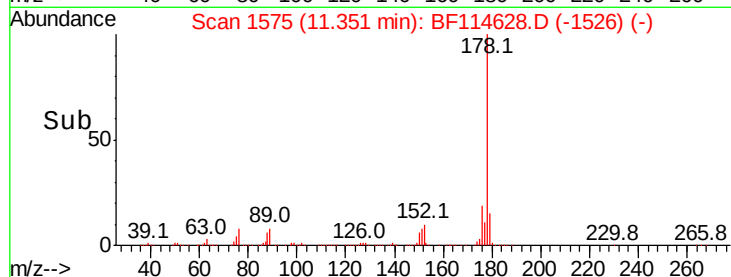
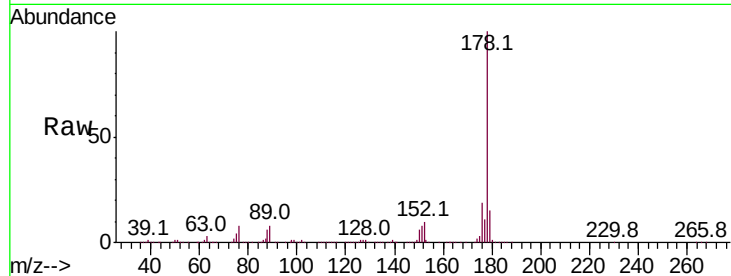
#71
 Phenanthrene
 Concen: 46.208 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.4	24.6
179	15.4	13.2	19.8

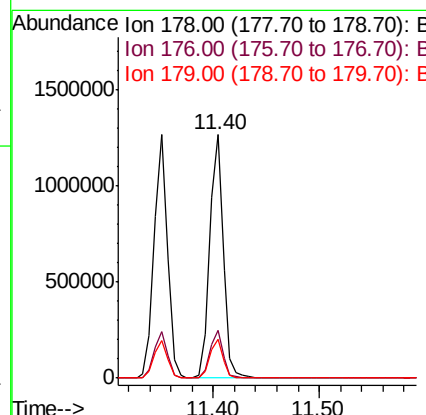
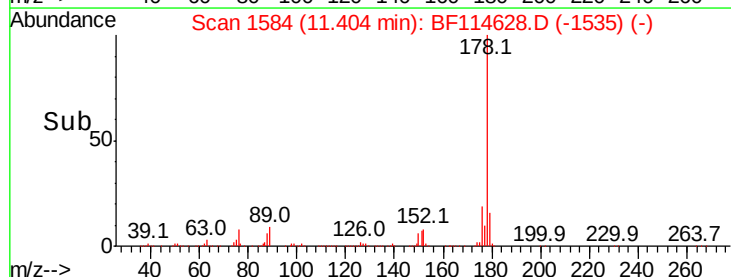
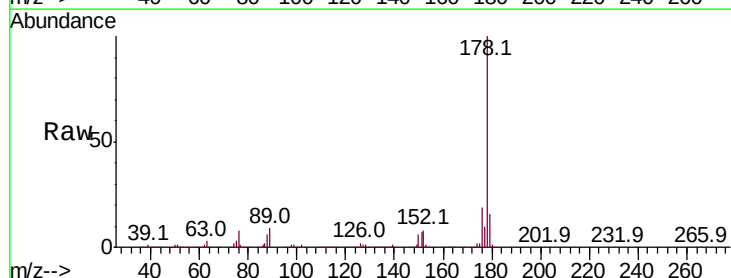
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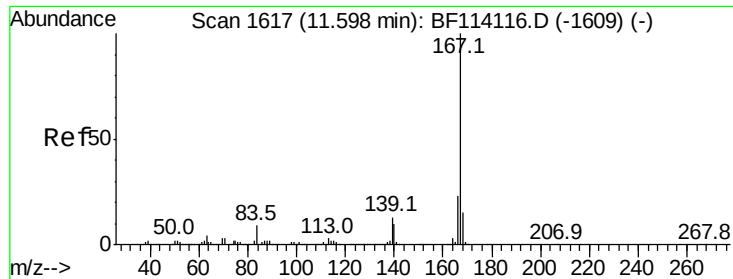
mohammad
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#72
 Anthracene
 Concen: 47.519 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.9	13.0	19.4





#73

Carbazole

Concen: 46.728 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampled :

PB120077BS

Tot Ion:167 Resp: 1055864

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.2

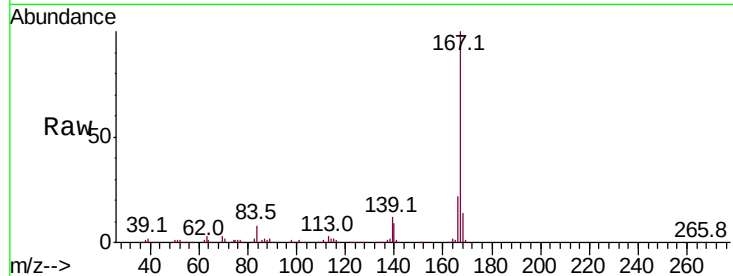
139 12.2 10.6 16.0

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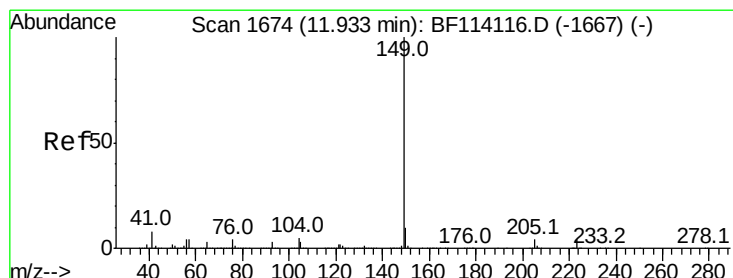
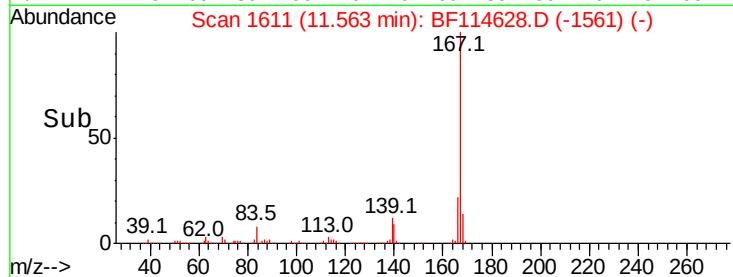
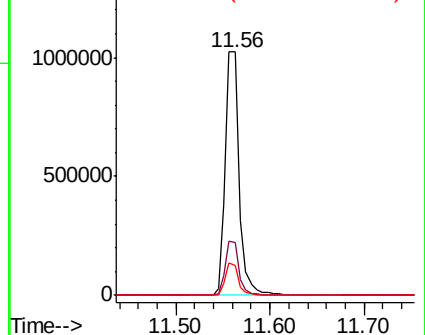
5/27/2019 3:50:46 AM



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: 46.173 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

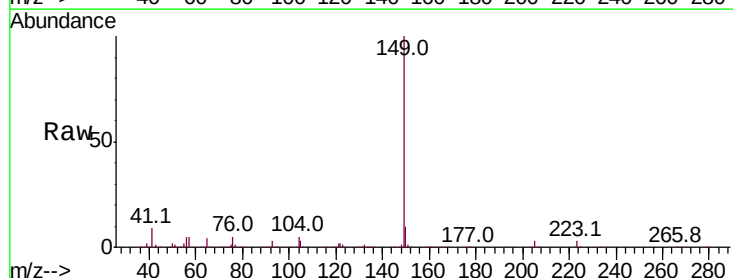
Tgt Ion:149 Resp: 1202002

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

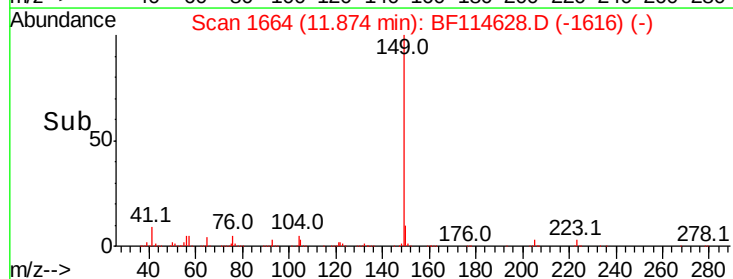
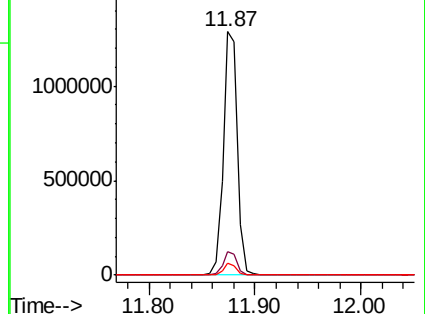
104 4.7 3.6 5.4

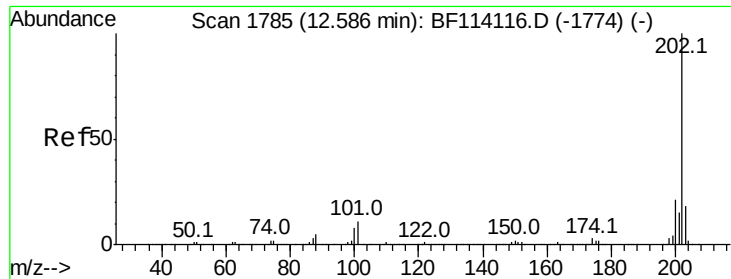


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





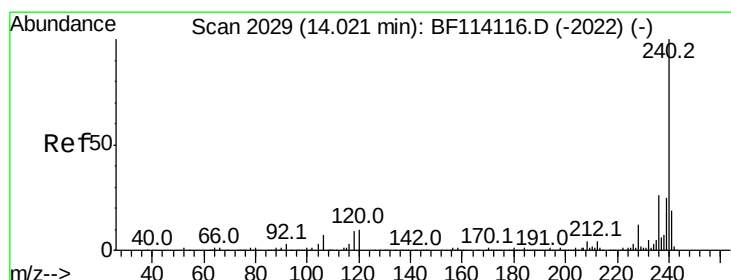
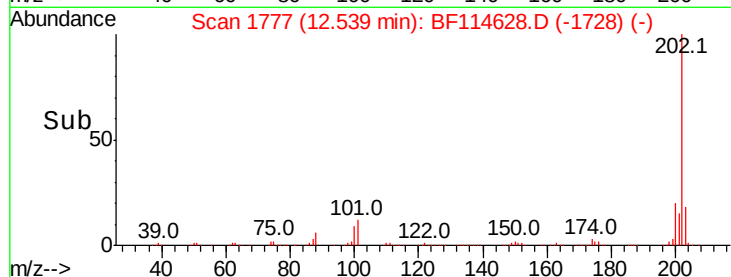
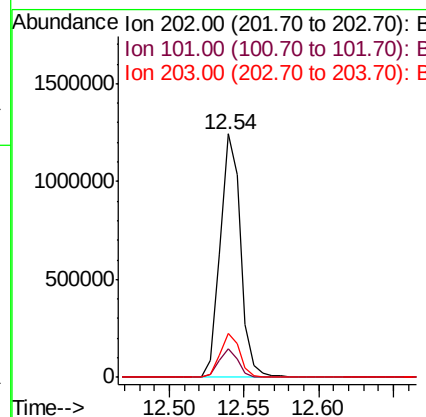
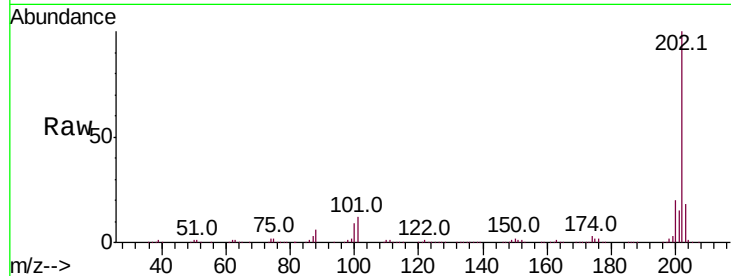
#75
 Fluoranthene
 Concen: 46.873 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1190810		
101	11.6	0.0	31.0	
203	18.1	0.0	38.4	

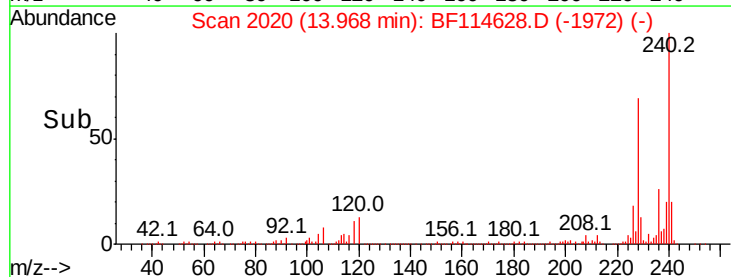
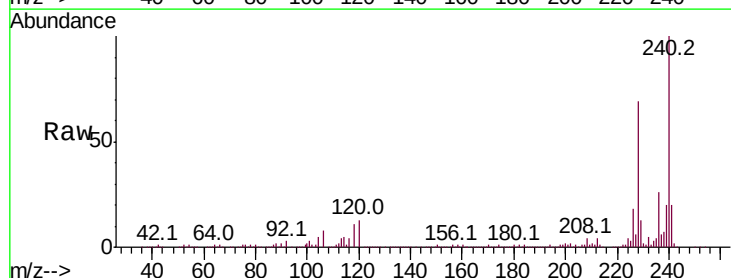
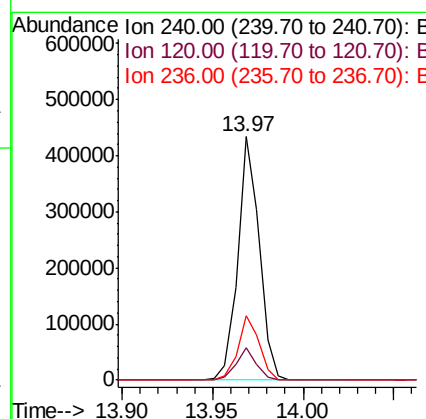
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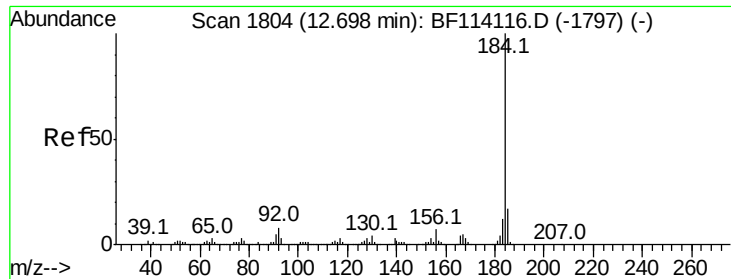
mohammad
 5/27/2019 3:50:46 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	359455		
120	13.1	8.3	12.5#	
236	26.3	20.8	31.2	





#77

Benzidine

Concen: 37.949 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

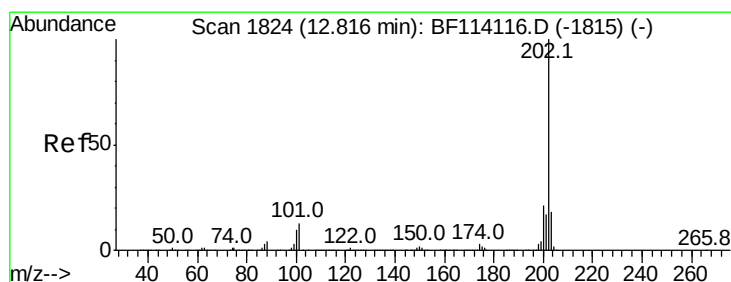
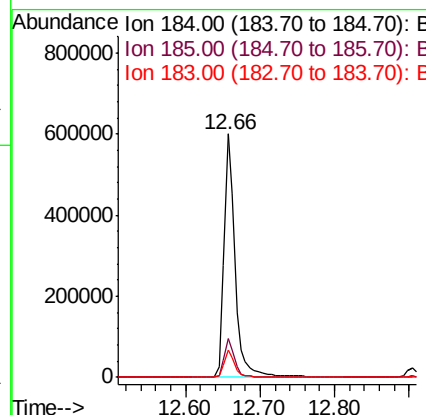
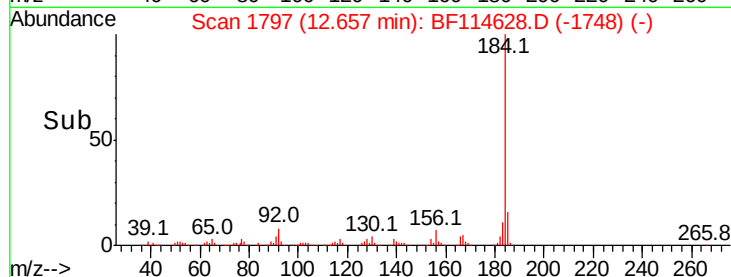
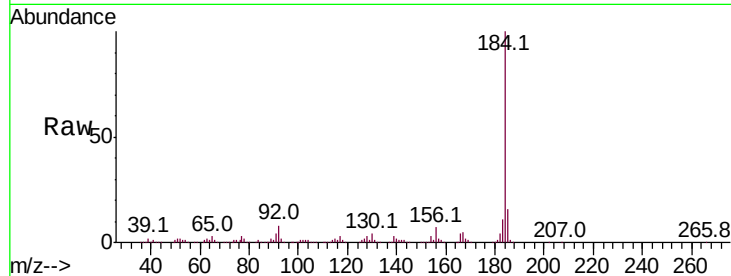
ClientSampleId :

PB120077BS

Tot Ion:	184	Resp:	612318
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.6	20.4
183	11.2	9.2	13.8

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#78

Pyrene

Concen: 42.131 ng

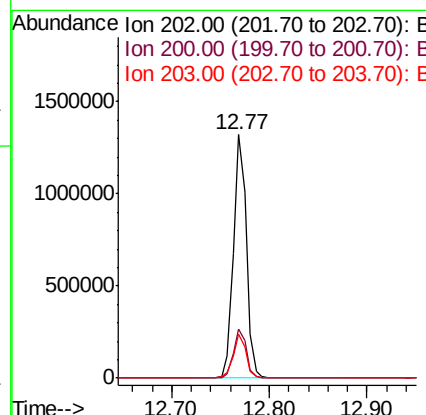
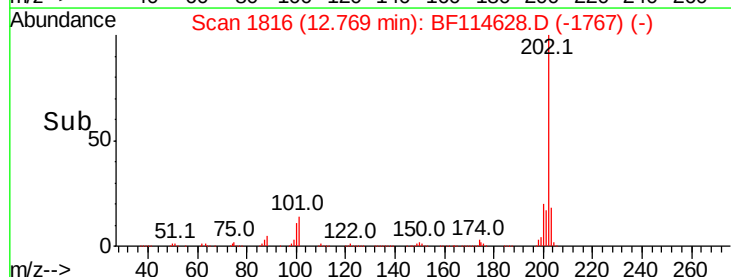
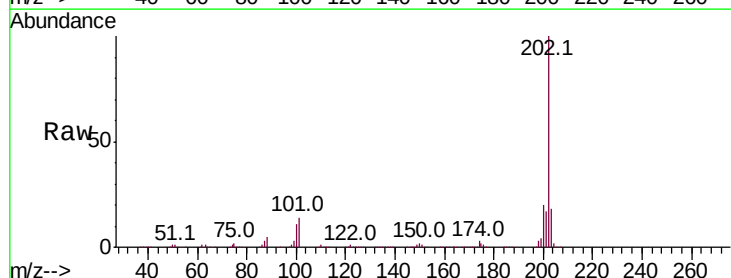
RT: 12.77 min Scan# 1816

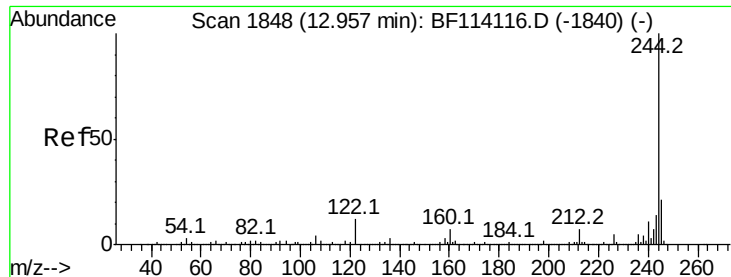
Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:	202	Resp:	1218265
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.9	25.3
203	18.0	14.5	21.7





#79

Terphenyl-d14

Concen: 89.690 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion:244 Resp: 1563937

Ion Ratio Lower Upper

244 100

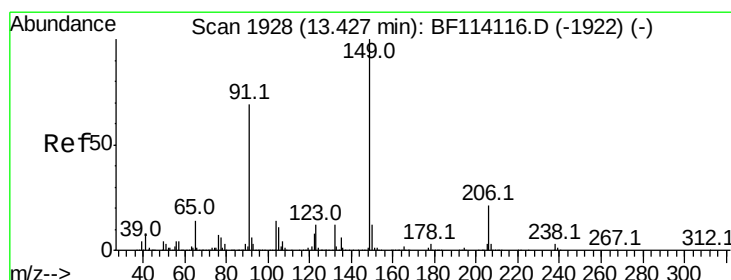
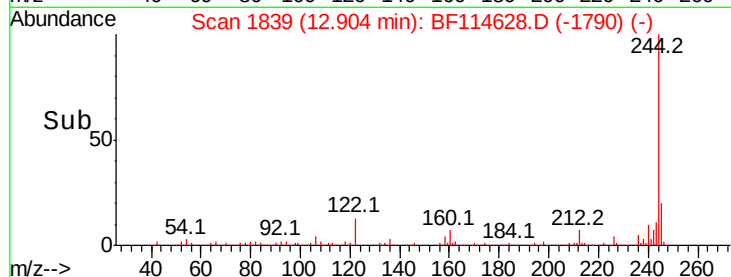
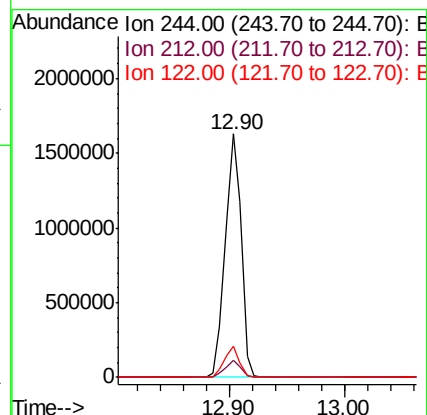
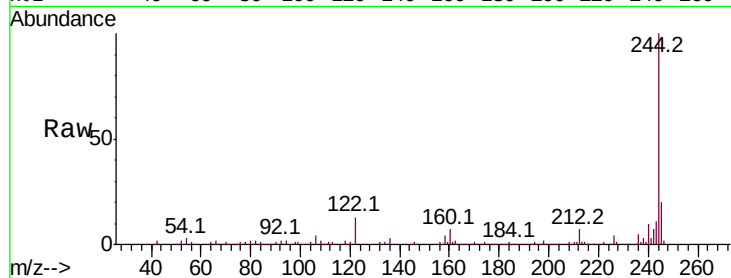
212 7.0 5.8 8.6

122 12.7 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 44.317 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

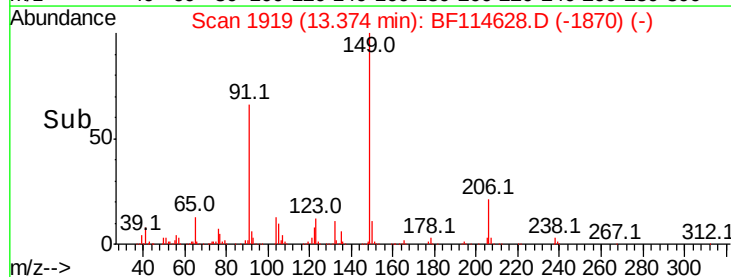
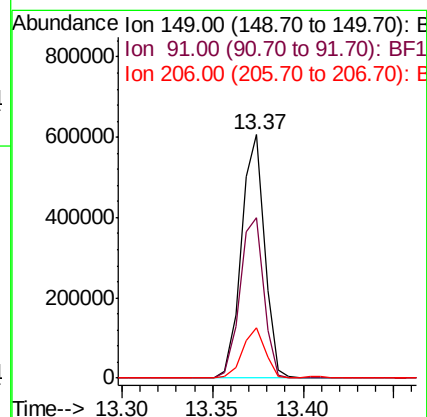
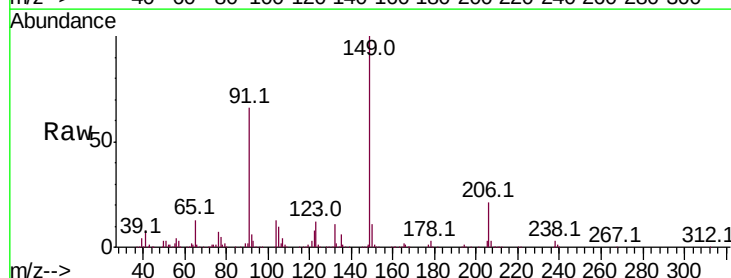
Tgt Ion:149 Resp: 539389

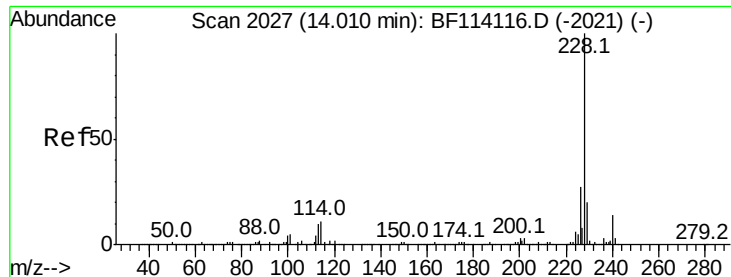
Ion Ratio Lower Upper

149 100

91 65.9 55.0 82.4

206 20.8 16.9 25.3





#81

Benzo(a)anthracene

Concen: 44.075 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

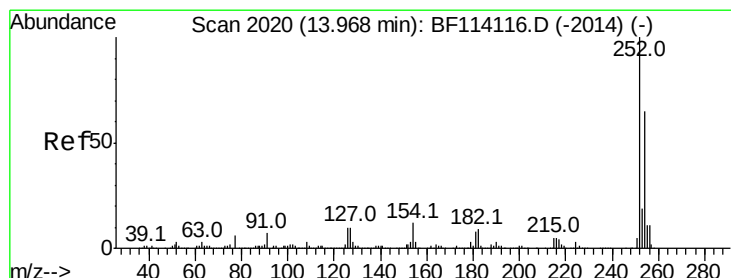
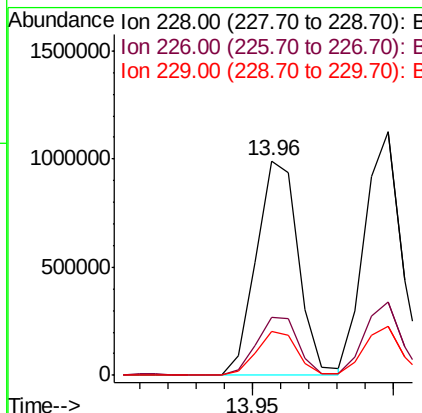
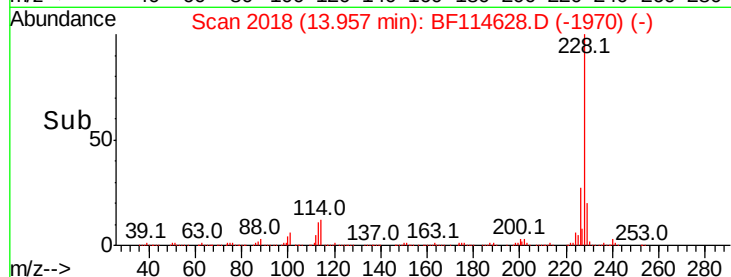
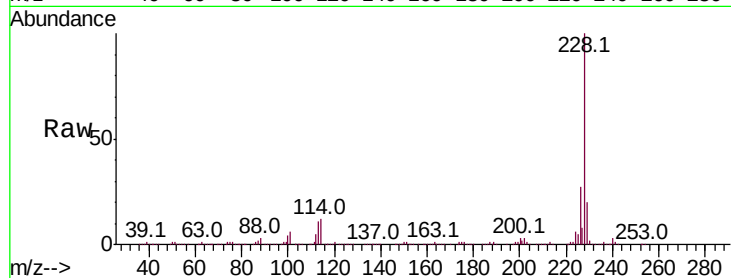
ClientSampleId :

PB120077BS

Tot Ion:	228	Resp:	1024720
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.4	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 32.260 ng

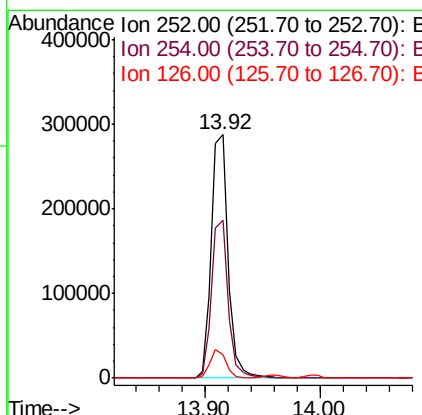
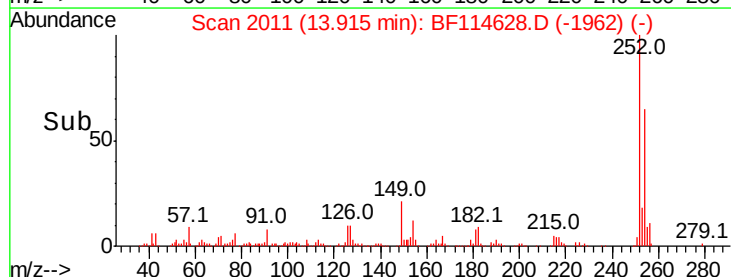
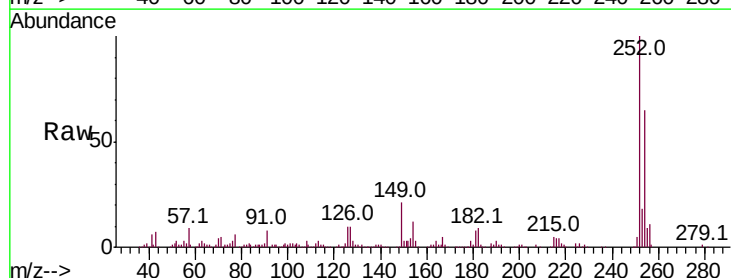
RT: 13.92 min Scan# 2011

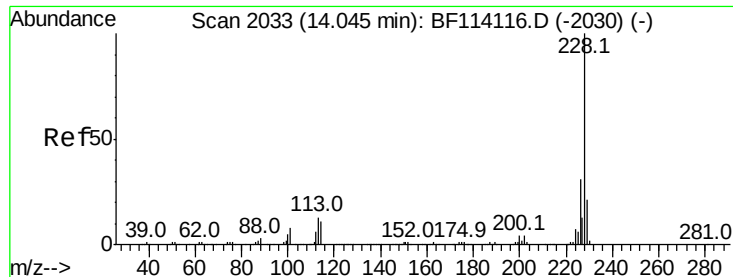
Delta R.T. -0.01 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:	252	Resp:	290955
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	9.6	7.9	11.9





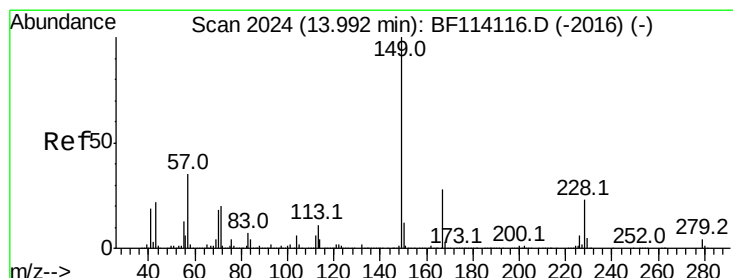
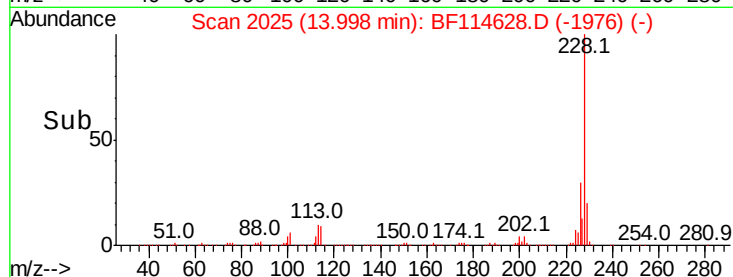
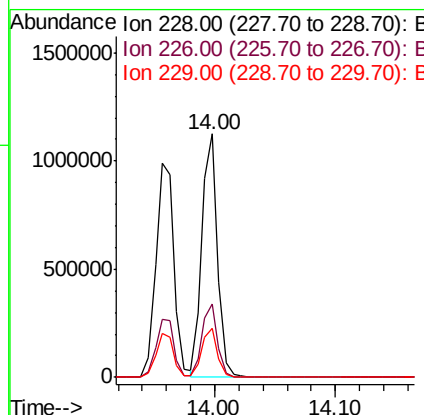
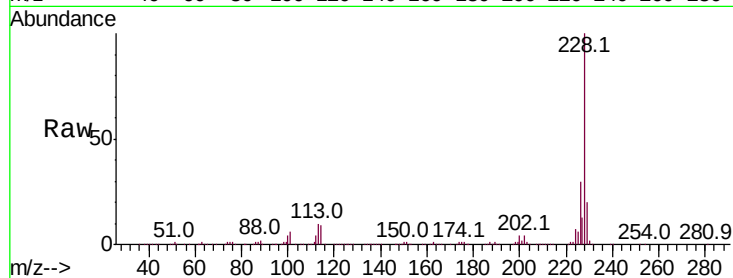
#83
 Chrysene
 Concen: 44.548 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.3	17.0	25.6

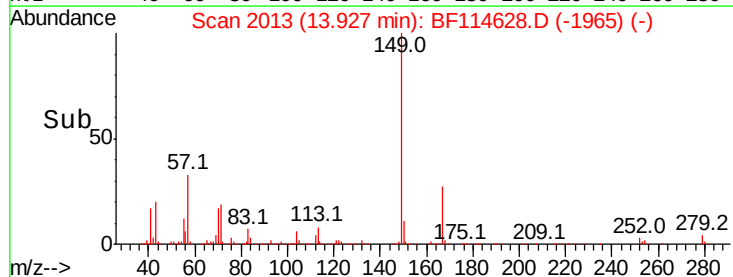
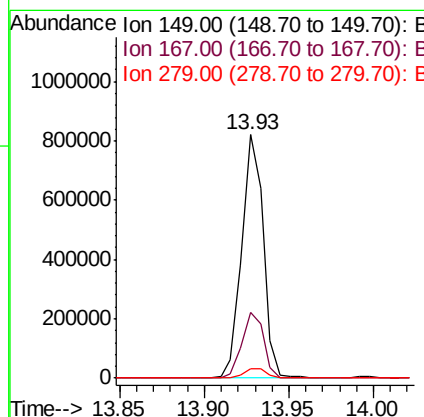
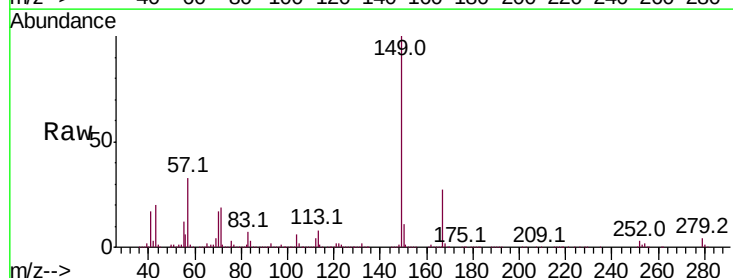
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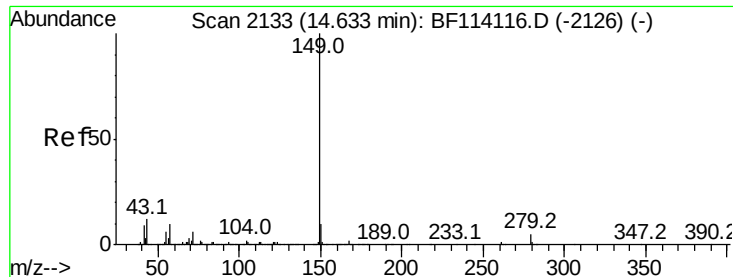
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.805 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF114628.D
 Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.6	33.8
279	3.7	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 46.595 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

ClientSampleId :

PB120077BS

Tot Ion:149 Resp: 1202358

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

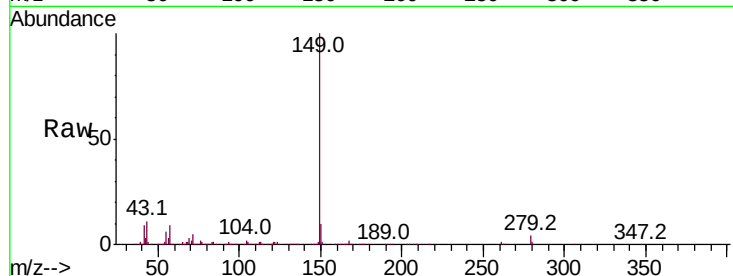
43 11.8 10.1 15.1

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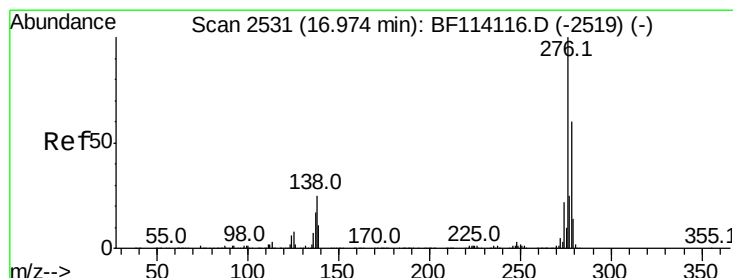
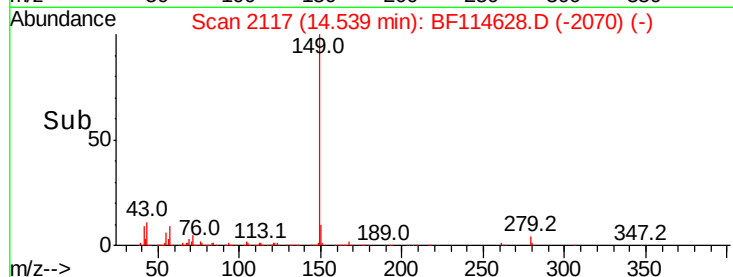
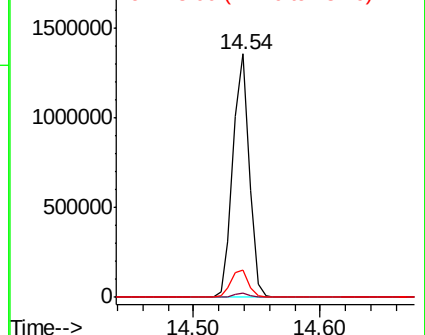
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 47.164 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

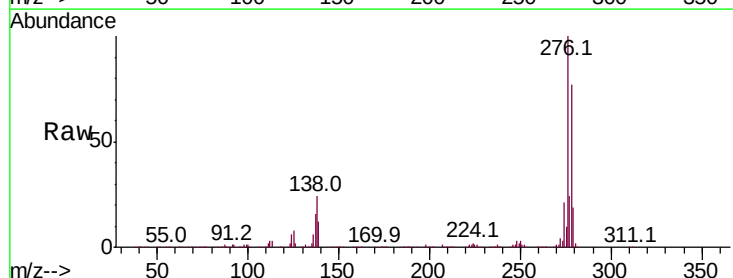
Tgt Ion:276 Resp: 949997

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.2

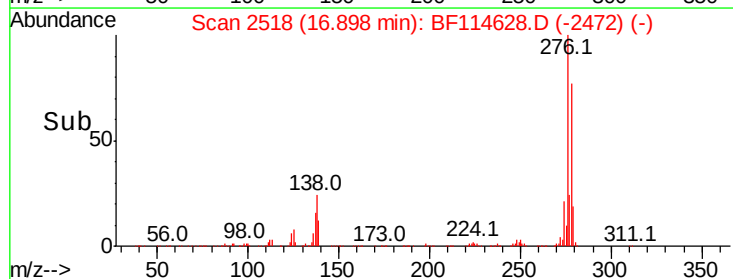
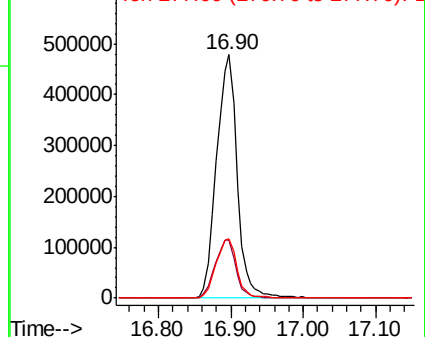
277 24.8 20.0 30.0

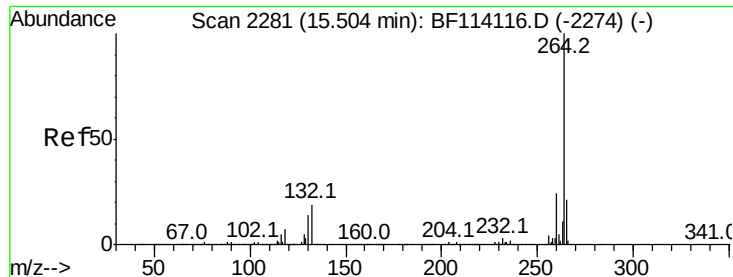


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Instrument :

BNA_F

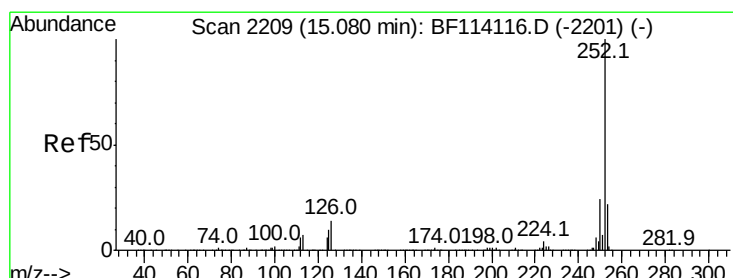
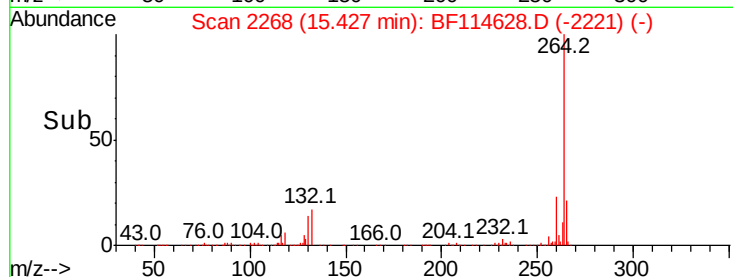
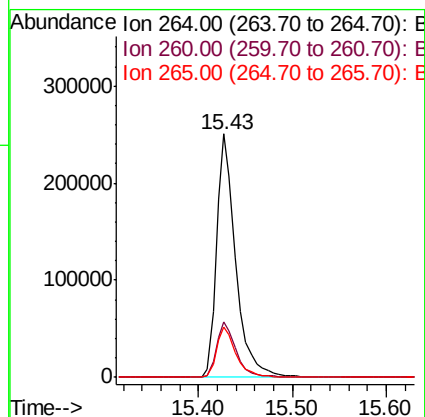
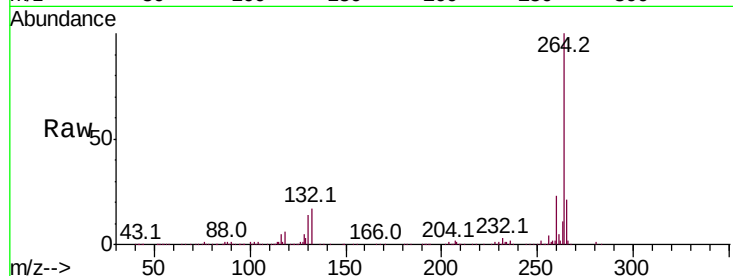
ClientSampleId :

PB120077BS

Tot Ion:	264	Resp:	357681
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.4	29.0
265	20.8	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 45.615 ng

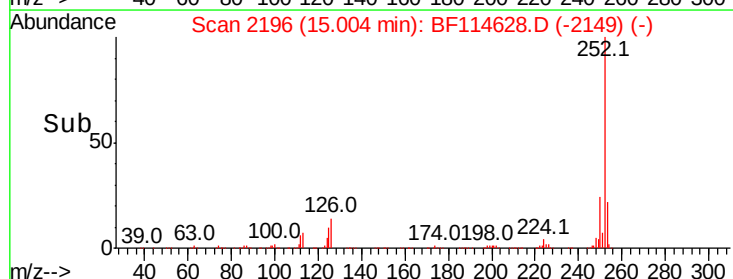
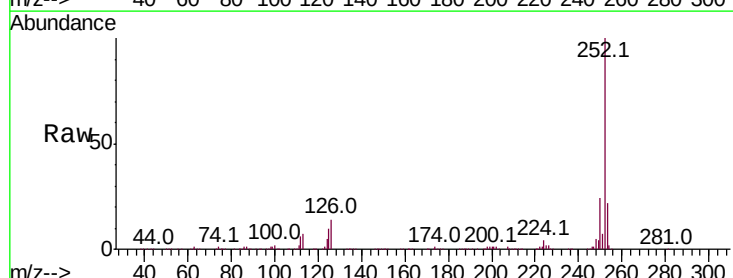
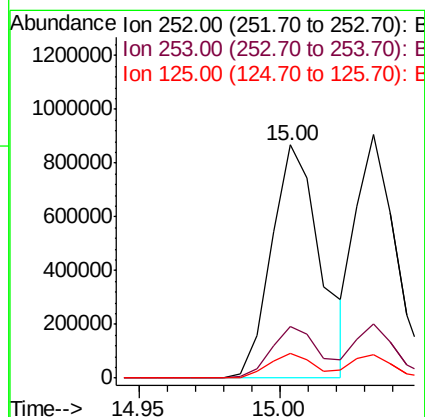
RT: 15.00 min Scan# 2196

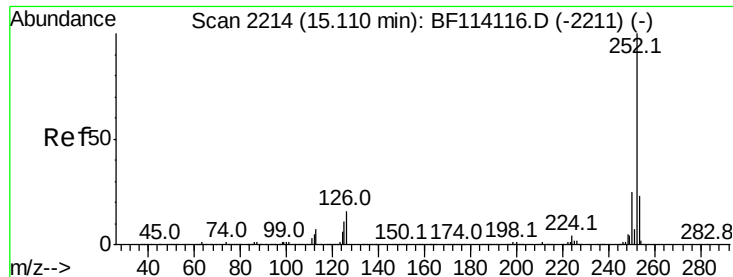
Delta R.T. -0.02 min

Lab File: BF114628.D

Acq: 26 May 2019 3:40

Tgt Ion:	252	Resp:	1045261
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	10.4	8.3	12.5





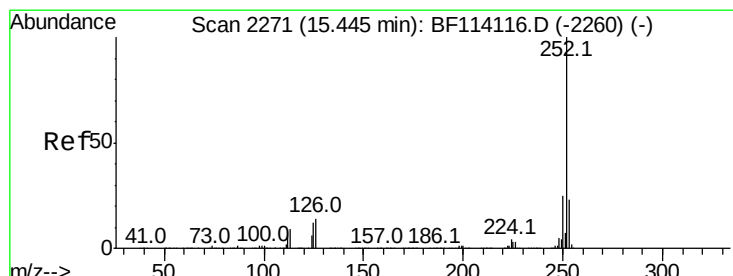
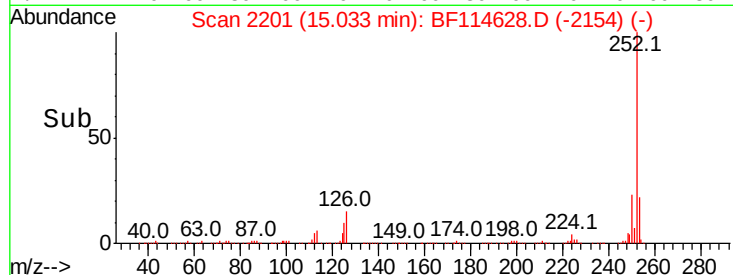
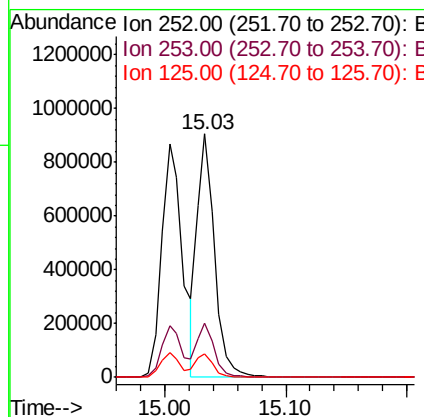
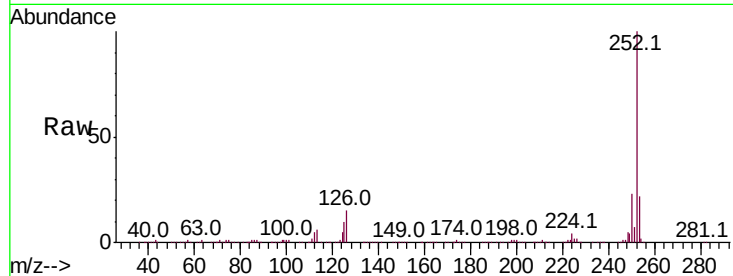
#89
Benzo(k)fluoranthene
Concen: 42.929 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampleId :
PB120077BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.8	8.6	13.0

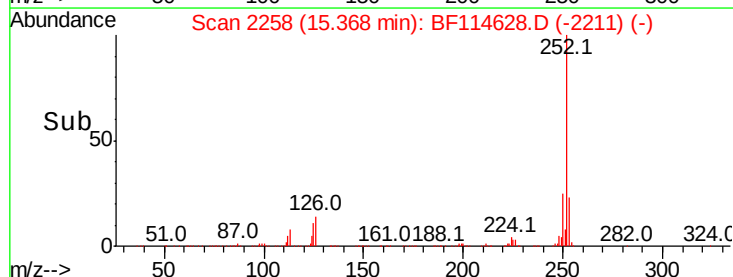
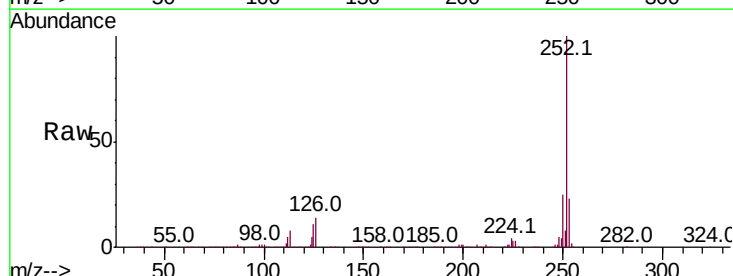
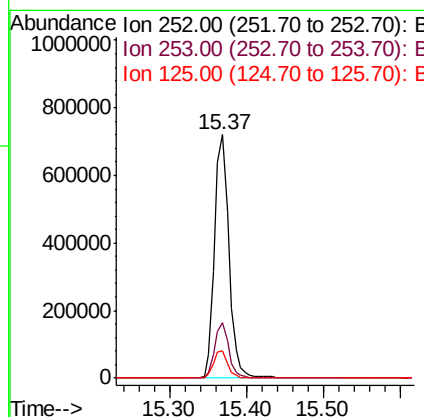
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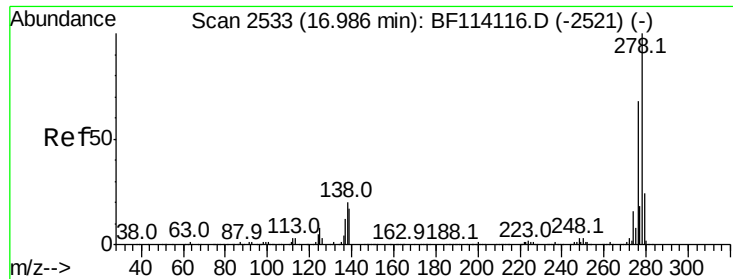
mohammad
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#90
Benzo(a)pyrene
Concen: 46.079 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.5	14.3





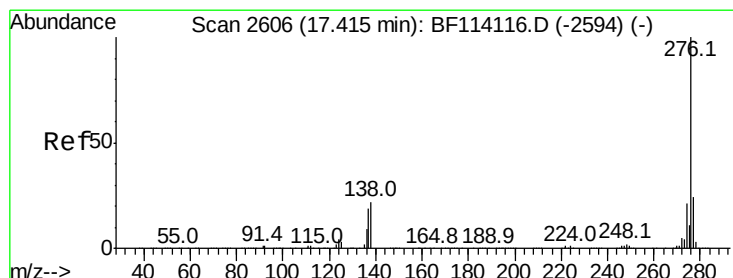
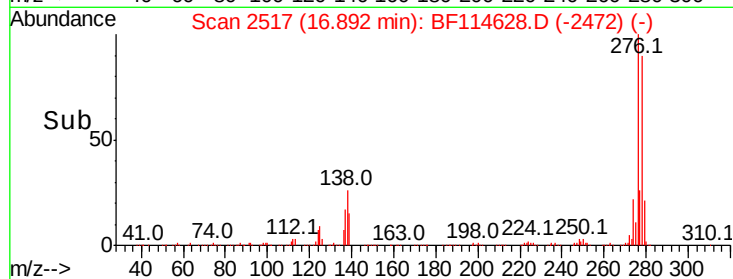
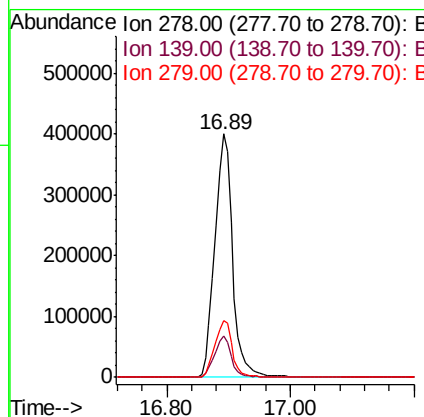
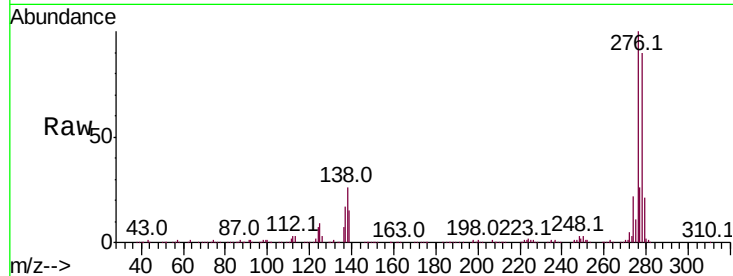
#91
Dibenzo(a,h)anthracene
Concen: 47.052 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Instrument :
BNA_F
ClientSampled :
PB120077BS

Tot Ion:	278	Resp:	788500
Ion Ratio	Lower	Upper	
278	100		
139	16.8	13.5	20.3
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/27/2019 3:50:46 AM



#92
Benzo(g,h,i)perylene
Concen: 48.207 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.04 min
Lab File: BF114628.D
Acq: 26 May 2019 3:40

Tgt Ion:	276	Resp:	809586
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.0	28.4
138	19.9	17.8	26.6

