

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119223.D
 Acq On : 5 Mar 2020 20:33
 Operator : CG/JU
 Sample : PB127261BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BS

Manual Integrations
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mohammad
 3/9/2020 8:27:40 AM

Quant Time: Mar 06 07:11:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167922	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	641372	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	332829	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	643702	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	455948	20.00	ng	-0.02
87) Perylene-d12	15.31	264	211884	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1073755	106.86	ng	0.00
7) Phenol-d6	6.39	99	1340164	109.67	ng	-0.01
23) Nitrobenzene-d5	7.29	82	863018	71.05	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	490793	112.72	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1691319	74.86	ng	-0.02
79) Terphenyl-d14	12.83	244	1987357	75.04	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	131208	29.328	ng	98
3) Pyridine	3.23	79	321205	26.290	ng	99
4) n-Nitrosodimethylamine	3.16	42	136075	36.765	ng	95
6) Aniline	6.40	93	242391	16.075	ng	# 49
8) 2-Chlorophenol	6.52	128	412268	38.019	ng	99
9) Benzaldehyde	6.30	77	1899	0.233	ng	91
10) Phenol	6.40	94	484898	36.700	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	380478	37.636	ng	100
12) 1,3-Dichlorobenzene	6.67	146	447844	34.457	ng	100
13) 1,4-Dichlorobenzene	6.74	146	452604	34.800	ng	99
14) 1,2-Dichlorobenzene	6.90	146	417100	35.164	ng	99
15) Benzyl Alcohol	6.88	79	339064	38.390	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	307211	35.081	ng	# 28
17) 2-Methylphenol	7.00	107	335118	38.118	ng	93
18) Hexachloroethane	7.23	117	161454	34.698	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	279972	39.317	ng	97
20) 3+4-Methylphenols	7.16	107	441704	41.009	ng	# 85
22) Acetophenone	7.14	105	582297	39.239	ng	# 94
24) Nitrobenzene	7.31	77	434365	36.160	ng	96
25) Isophorone	7.55	82	770564	36.526	ng	99
26) 2-Nitrophenol	7.63	139	235876	37.060	ng	98
27) 2,4-Dimethylphenol	7.68	122	345430	39.989	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	474746	34.574	ng	98
29) 2,4-Dichlorophenol	7.89	162	370909	36.474	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	409146	33.935	ng	98
31) Naphthalene	8.03	128	1198163	36.021	ng	99
32) Benzoic acid	7.85	122	211115	35.513	ng	99
33) 4-Chloroaniline	8.09	127	270596	18.914	ng	99
34) Hexachlorobutadiene	8.15	225	244335	32.534	ng	98
35) Caprolactam	8.47	113	105944m	33.835	ng	
36) 4-Chloro-3-methylphenol	8.59	107	391046	37.997	ng	97
37) 2-Methylnaphthalene	8.72	142	827261	36.957	ng	99
38) 1-Methylnaphthalene	8.82	142	788262	37.444	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	420077	37.435	ng	99

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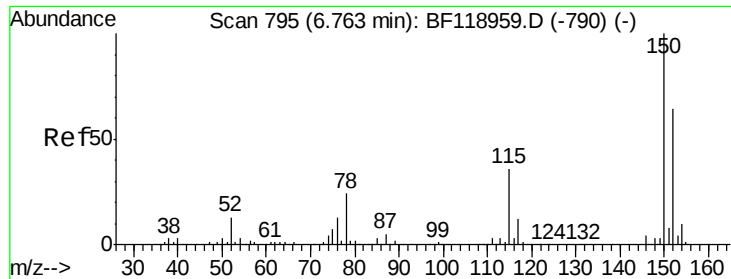
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	64835	23.403	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	253404	35.759	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	265080	35.648	nq	98
46) 1,1'-Biphenyl	9.19	154	1012019	37.622	nq	97
47) 2-Chloronaphthalene	9.21	162	803415	37.063	nq	99
48) 2-Nitroaniline	9.32	65	229119	37.896	nq	99
49) Acenaphthylene	9.63	152	1190966	38.041	nq	99
50) Dimethylphthalate	9.49	163	961779	37.790	nq	99
51) 2,6-Dinitrotoluene	9.56	165	217131	38.400	nq	# 87
52) Acenaphthene	9.80	154	720277	38.154	nq	99
53) 3-Nitroaniline	9.73	138	137620	21.954	nq	97
54) 2,4-Dinitrophenol	9.85	184	207775	76.015	nq	94
55) Dibenzofuran	9.97	168	1070975	38.008	nq	100
56) 4-Nitrophenol	9.92	139	207383	55.063	nq	98
57) 2,4-Dinitrotoluene	9.97	165	276519	37.728	nq	94
58) Fluorene	10.31	166	881756	40.271	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	241608	38.506	nq	98
60) Diethylphthalate	10.19	149	943595	39.342	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	453549	39.134	nq	100
62) 4-Nitroaniline	10.35	138	190513	29.705	nq	99
63) Azobenzene	10.46	77	829823	39.805	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	161633	41.496	nq	93
66) n-Nitrosodiphenylamine	10.42	169	787162	37.347	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	300596	35.726	nq	97
68) Hexachlorobenzene	10.87	284	345899	35.656	nq	96
69) Atrazine	10.95	200	83468	11.334	nq	99
70) Pentachlorophenol	11.07	266	392158	100.354	nq	99
71) Phenanthrene	11.27	178	1304828	37.170	nq	98
72) Anthracene	11.33	178	1275830	36.374	nq	98
73) Carbazole	11.48	167	1150289	36.812	nq	99
74) Di-n-butylphthalate	11.80	149	1418100	37.475	nq	100
75) Fluoranthene	12.46	202	1353081	36.312	nq	98
77) Benzidine	12.58	184	36913	1.991	nq	99
78) Pyrene	12.69	202	1345578	36.752	nq	99
80) Butylbenzylphthalate	13.30	149	574233	37.266	nq	99
81) Benzo(a)anthracene	13.87	228	1054533	33.944	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	260626	21.605	nq	99
83) Chrysene	13.92	228	990690	32.004	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	719103	36.939	nq	100
85) Di-n-octyl phthalate	14.46	149	1004011	32.370	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	914263	30.503	nq	99
88) Benzo(b)fluoranthene	14.90	252	812066	58.145	nq	99
89) Benzo(k)fluoranthene	14.93	252	789624	61.009	nq	99
90) Benzo(a)pyrene	15.25	252	727536	57.719	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	786036	70.873	nq	99
92) Benzo(g,h,i)perylene	17.13	276	792737	72.341	nq	100

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



#1

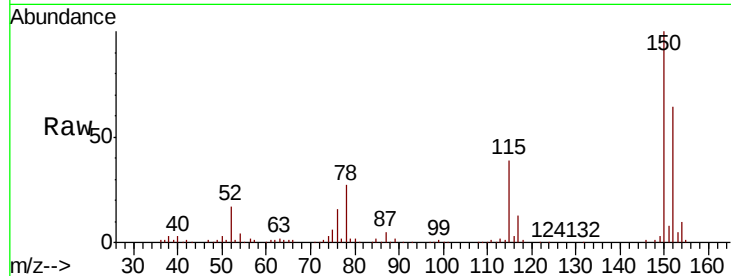
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.6
115	61.4	49.5	74.3

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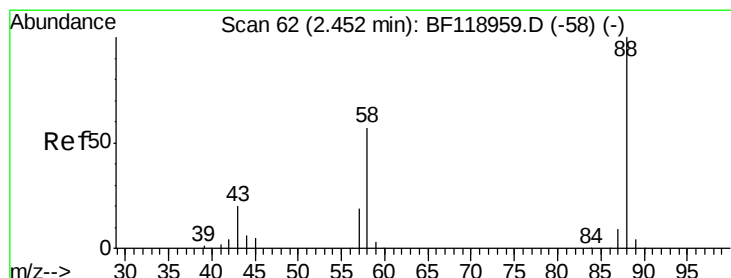
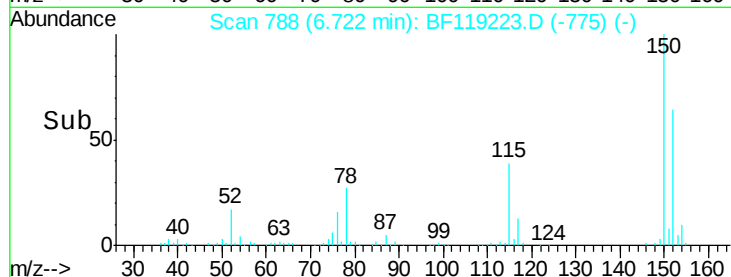
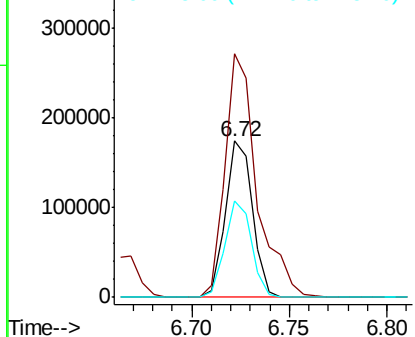


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

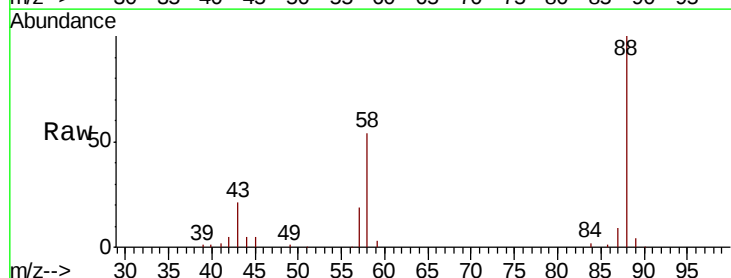
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.328 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	43.8	65.6
43	21.8	16.2	24.4

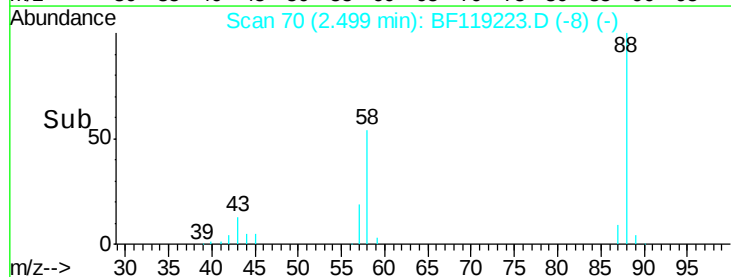
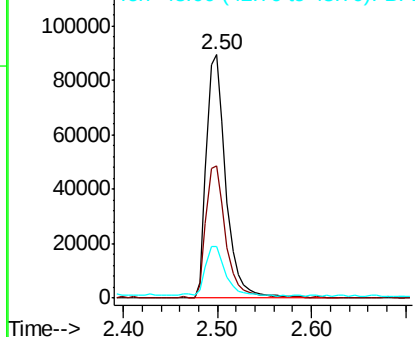


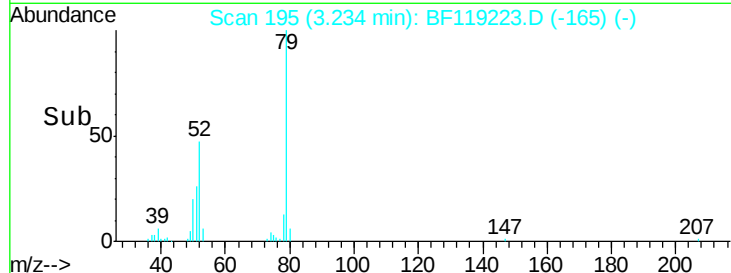
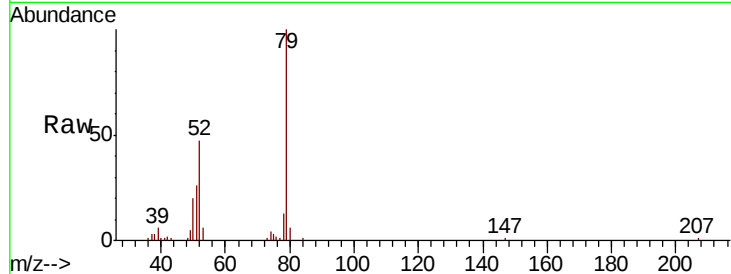
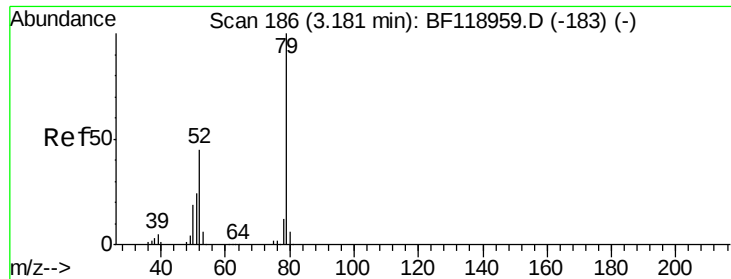
Abundance

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





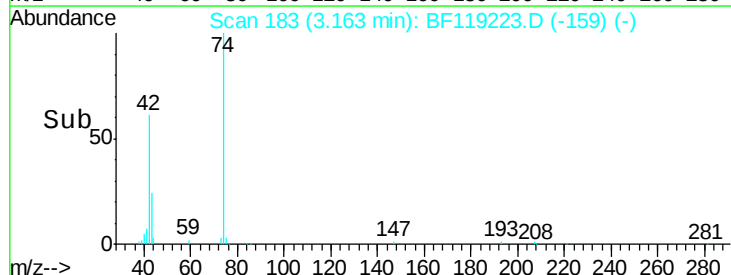
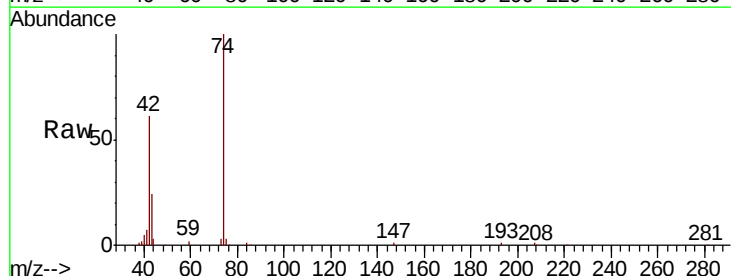
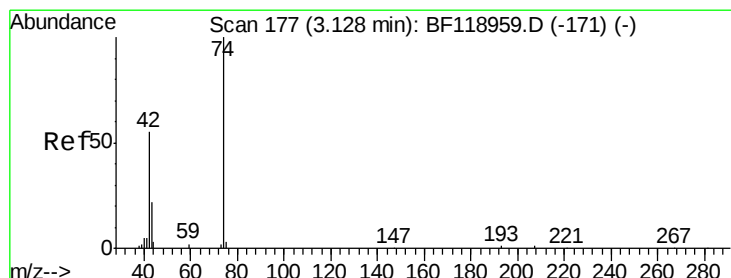
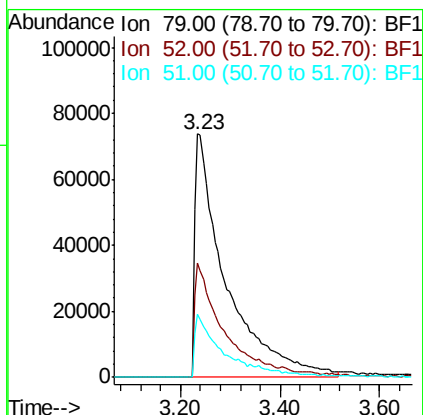
#3
 Pvridine
 Concen: 26.290 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.08 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tot Ion:	79	Resp:	321205
Ion Ratio	Lower	Upper	
79	100		
52	46.7	37.4	56.0
51	25.7	19.8	29.6

Instrument :
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 PB127261BS

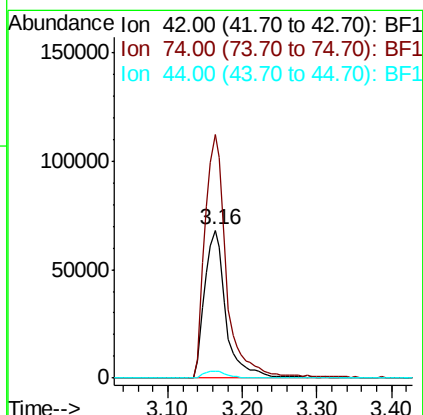
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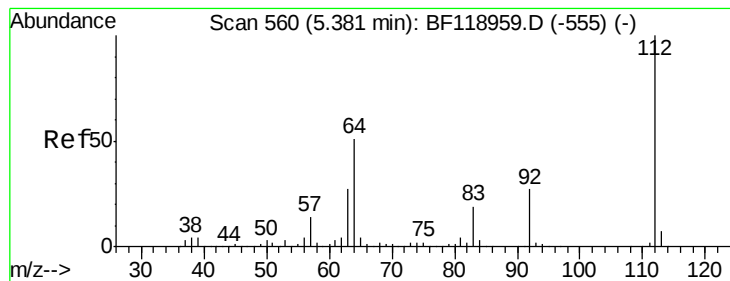
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#4
 n-Nitrosodimethylamine
 Concen: 36.765 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.04 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:	42	Resp:	136075
Ion Ratio	Lower	Upper	
42	100		
74	164.9	137.7	206.5
44	5.0	4.5	6.7





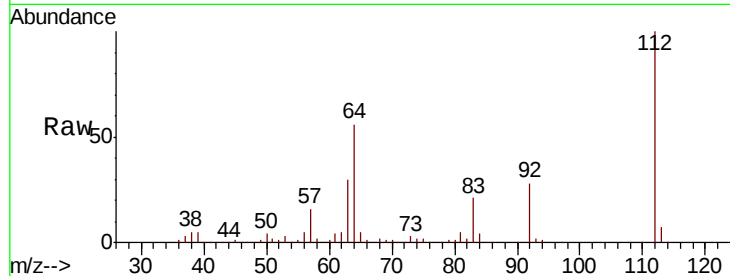
#5
2-Fluorophenol
Concen: 106.861 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

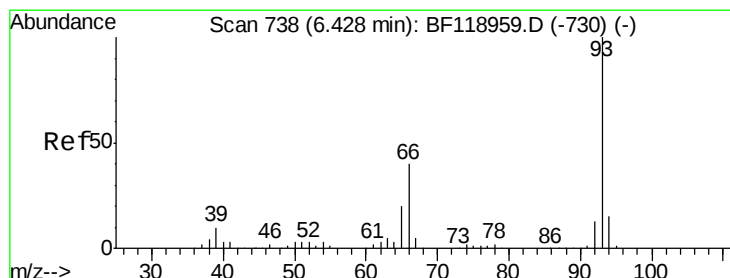
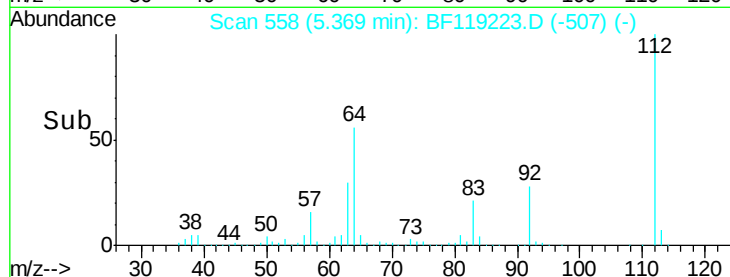
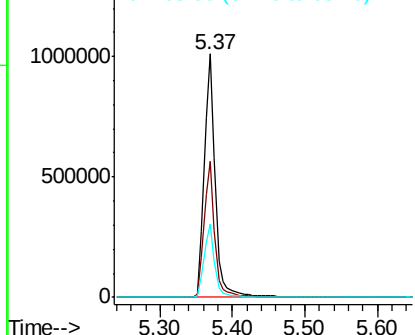
Tot Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.0	67.4
63	30.4	24.2	36.4

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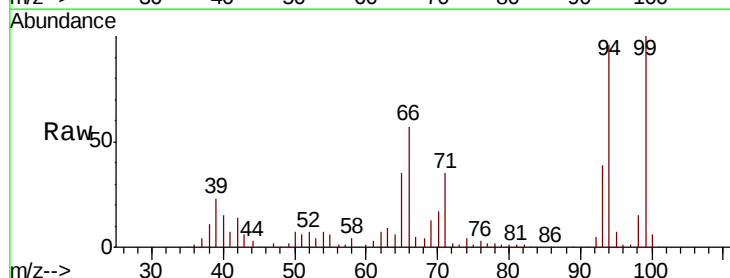


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

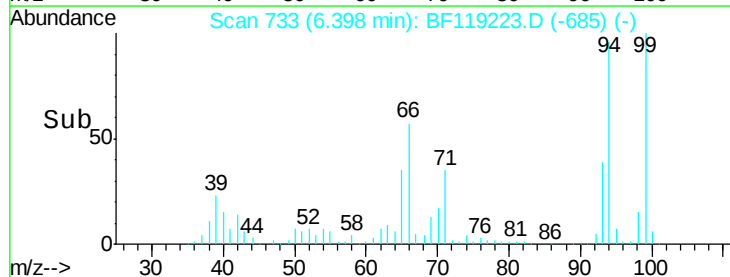
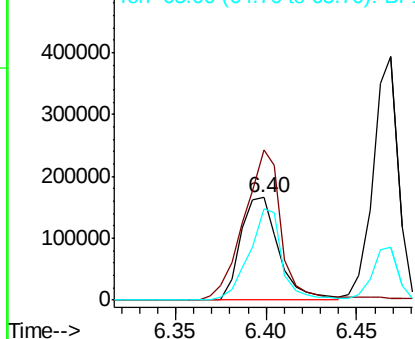


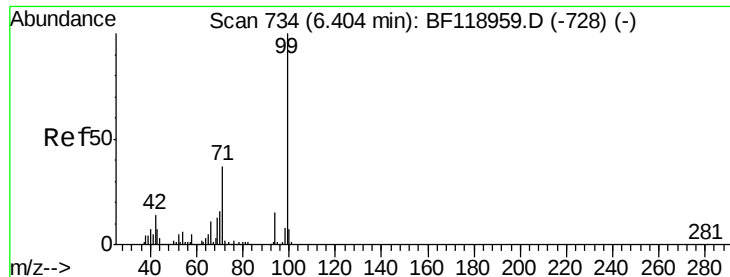
#6
Aniline
Concen: 16.075 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	146.1	74.5	111.7#
65	89.0	45.3	67.9#



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: 109.666 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

PB127261BS

Tot Ion: 99 Resp: 1340164

Ion Ratio Lower Upper

99 100

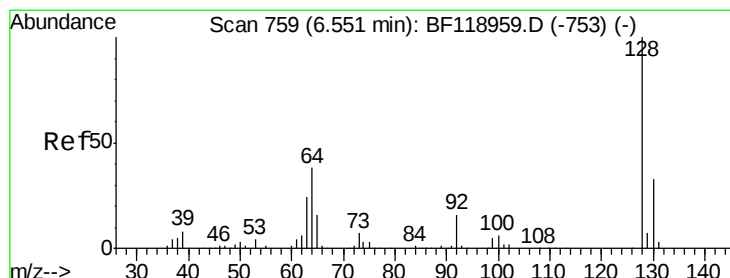
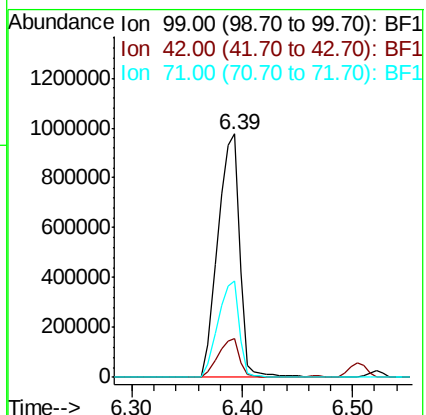
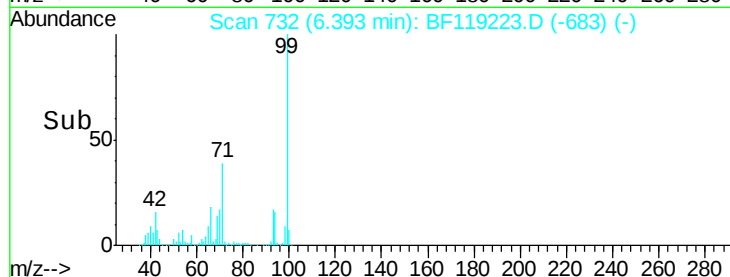
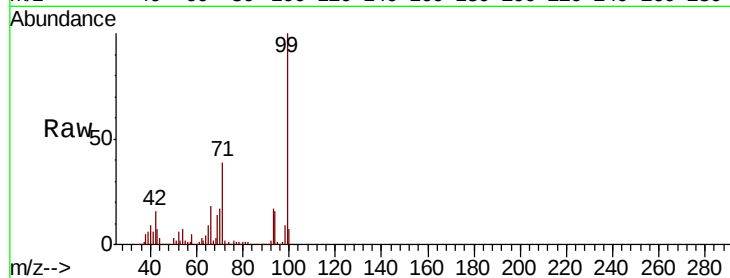
42 16.0 12.6 18.8

71 39.4 31.0 46.4

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#8

2-Chlorophenol

Concen: 38.019 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

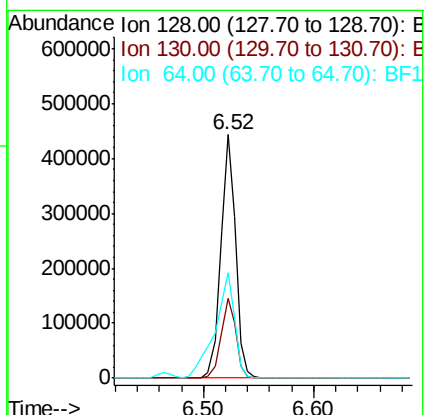
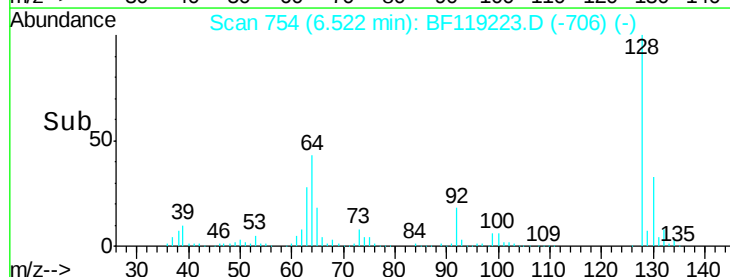
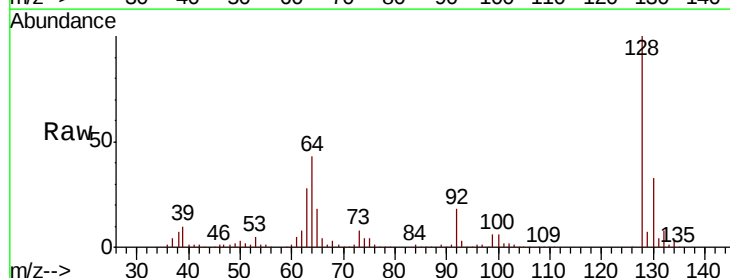
Tgt Ion: 128 Resp: 412268

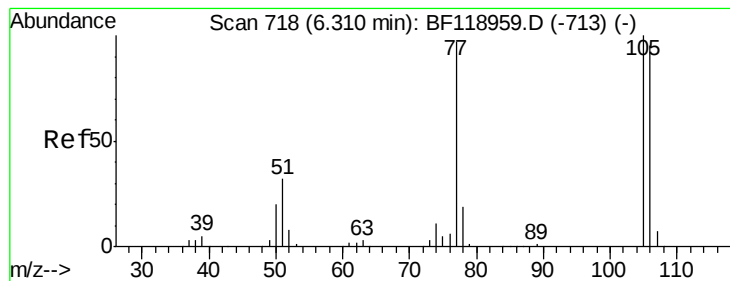
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 43.1 22.3 62.3





#9

Benzaldehyde

Concen: 0.233 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

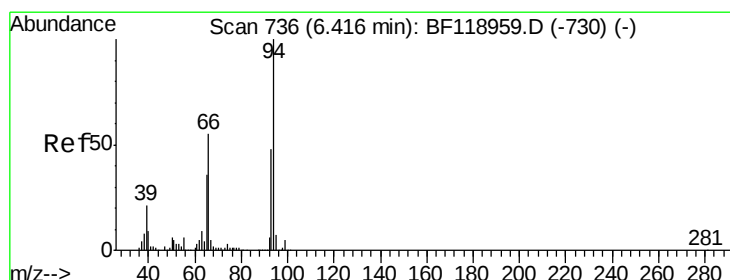
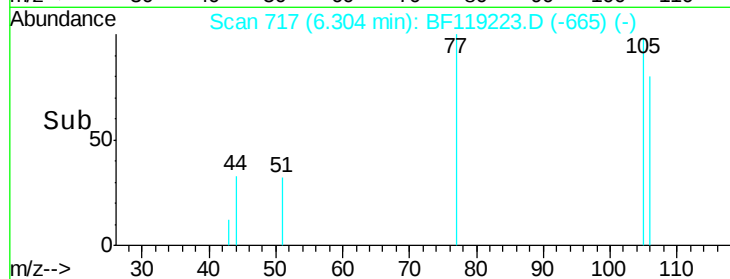
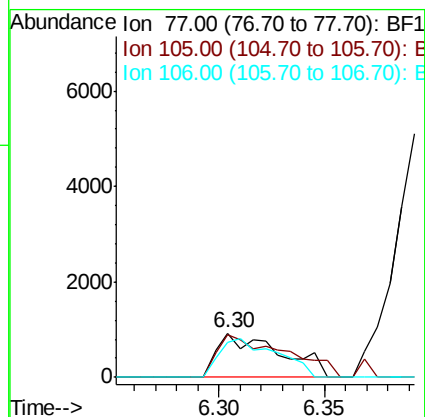
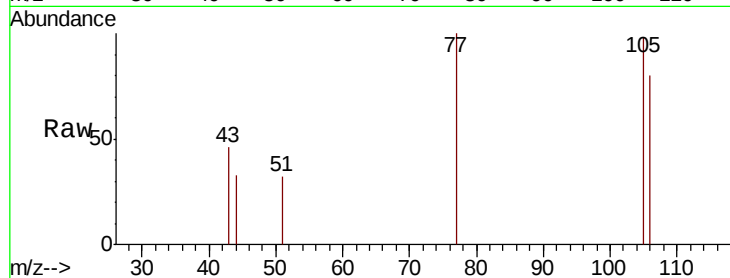
ClientSampleId :

PB127261BS

Tot Ion:	77	Resp:	1899
Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.1	120.1
106	79.9	75.9	115.9

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#10

Phenol

Concen: 36.700 ng

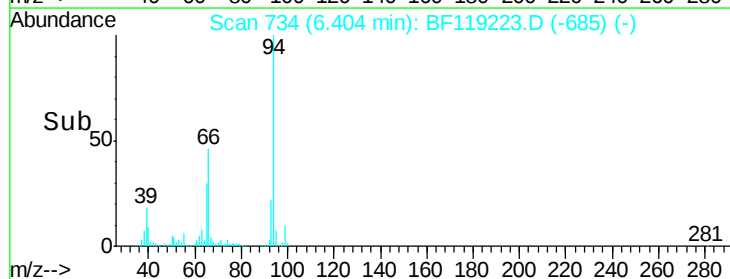
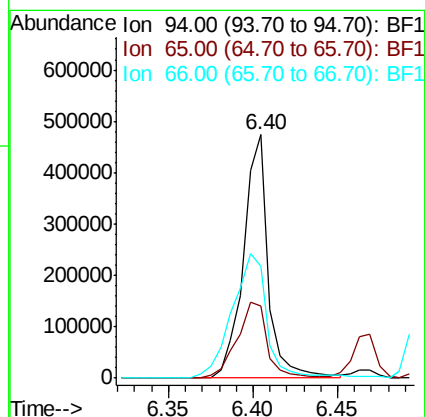
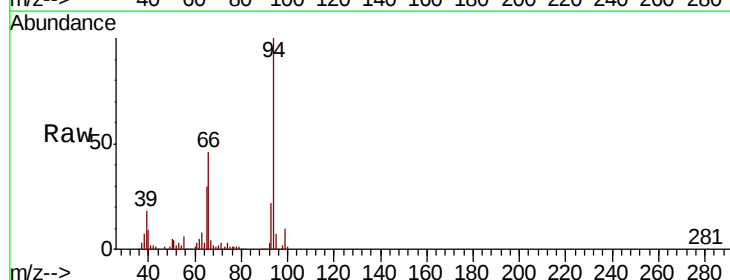
RT: 6.40 min Scan# 734

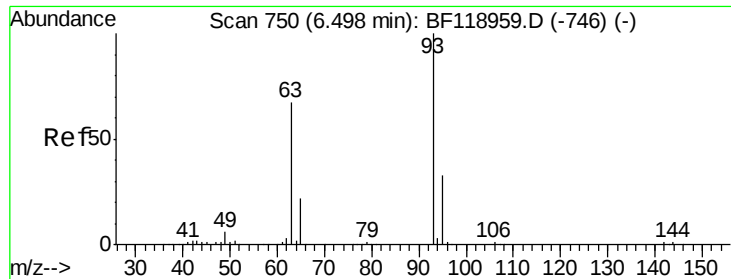
Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:	94	Resp:	484898
Ion	Ratio	Lower	Upper
94	100		
65	29.6	19.2	59.2
66	46.1	44.4	84.4





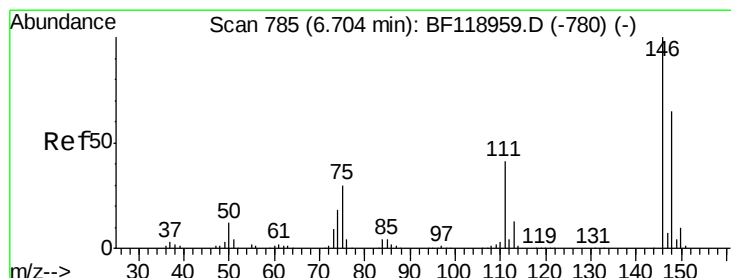
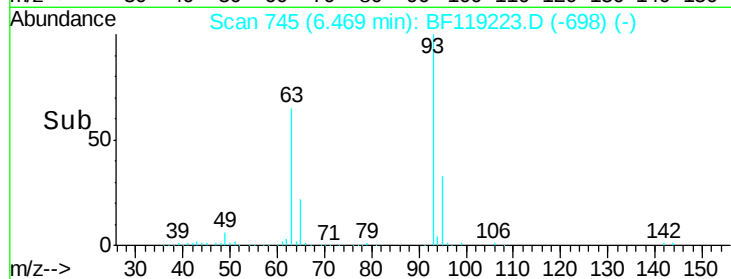
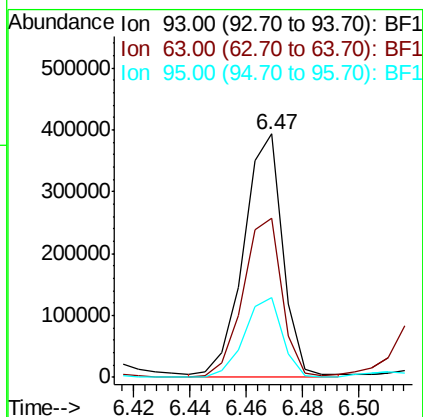
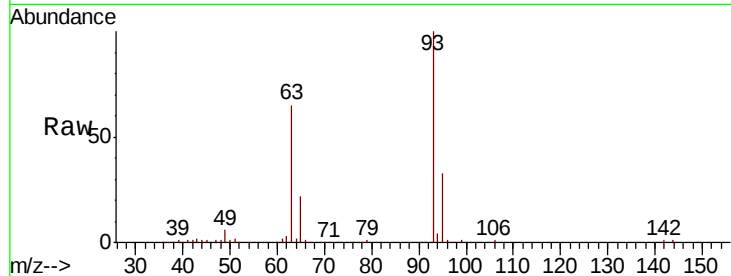
#11
bis(2-Chloroethyl)ether
Concen: 37.636 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion:	93	Resp:	380478
Ion	Ratio	Lower	Upper
93	100		
63	65.5	45.4	85.4
95	32.8	13.5	53.5

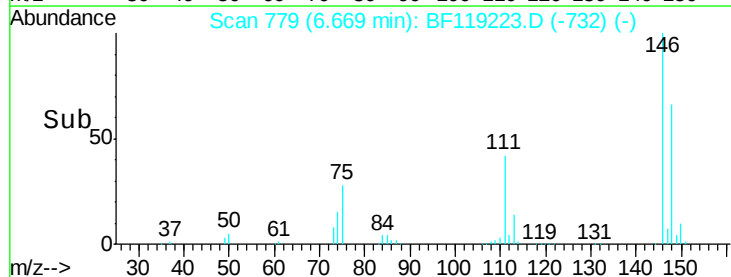
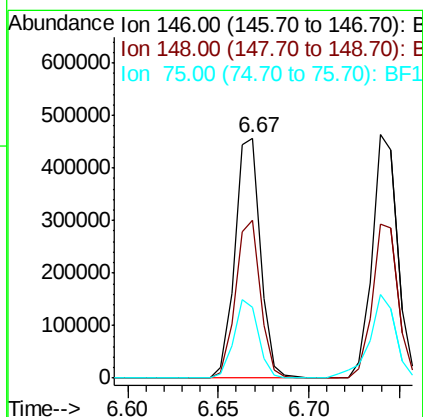
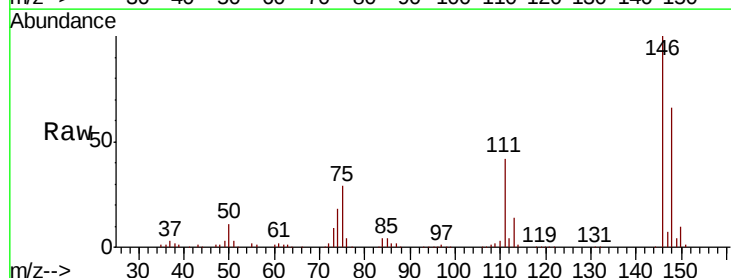
Manual Integrations
APPROVED

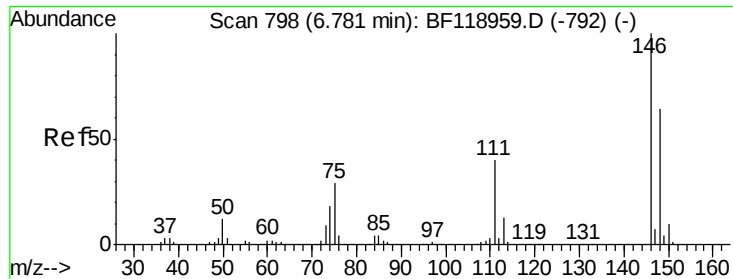
mohammad
3/9/2020 8:27:40 AM



#12
1,3-Dichlorobenzene
Concen: 34.457 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion:	146	Resp:	447844
Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.5	78.7
75	29.3	23.6	35.4





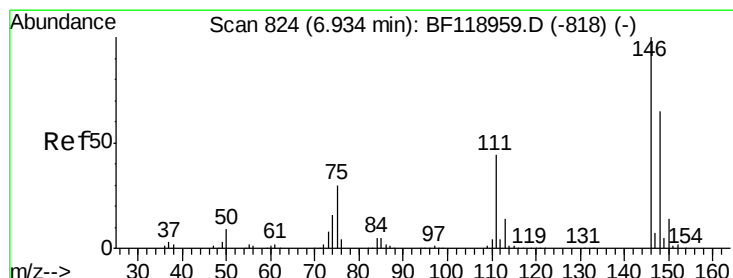
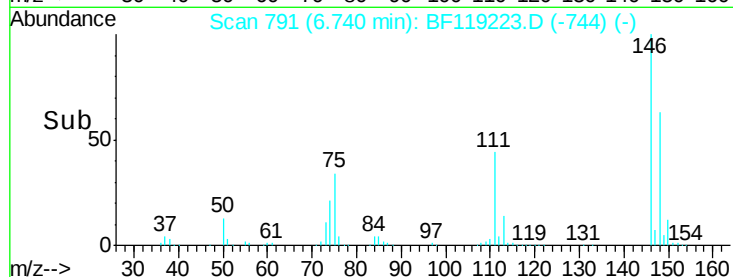
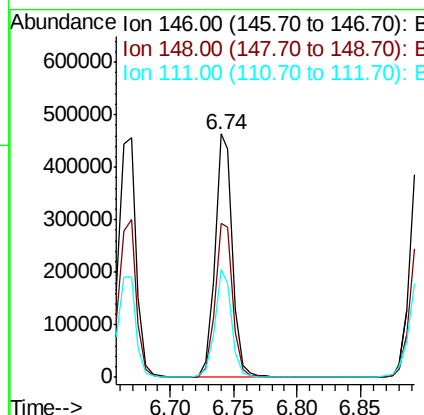
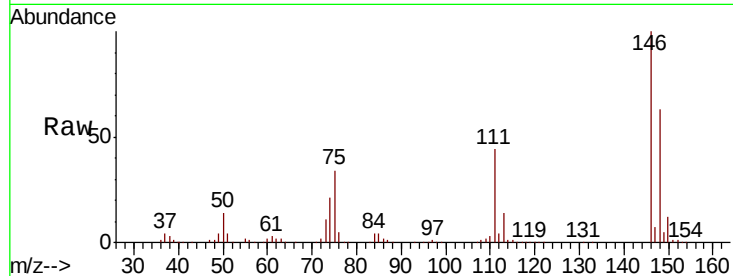
#13
1,4-Dichlorobenzene
Concen: 34.800 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	44.2	34.8	52.2

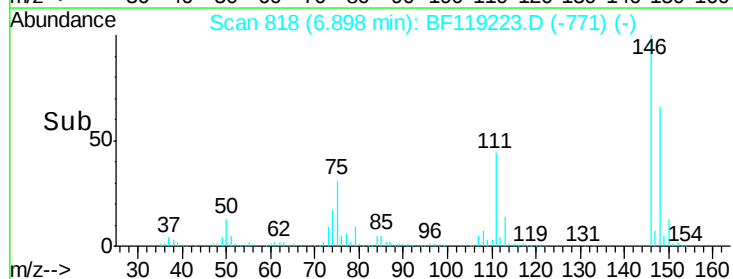
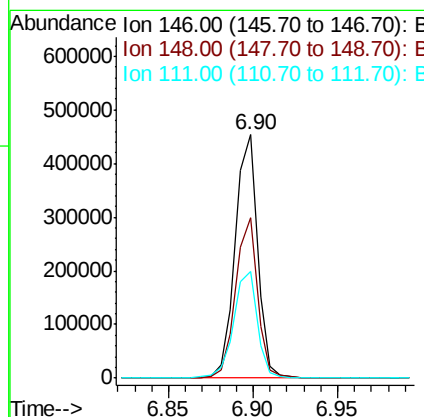
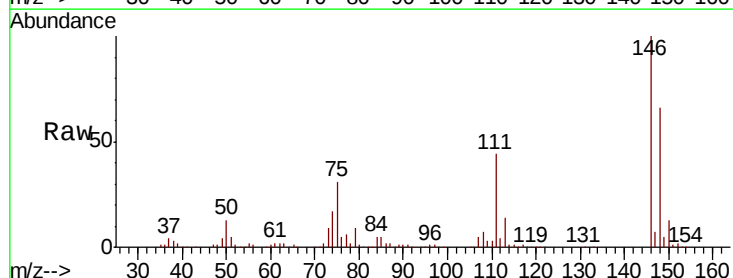
Manual Integrations
APPROVED

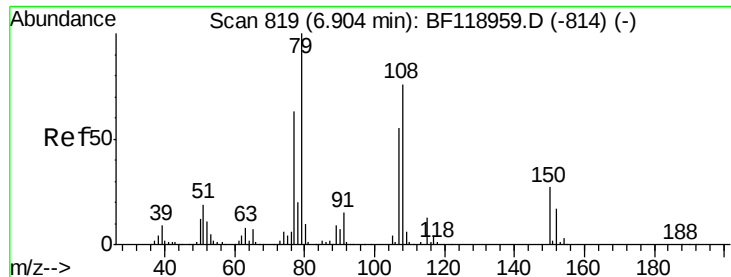
mohammad
3/9/2020 8:27:40 AM



#14
1,2-Dichlorobenzene
Concen: 35.164 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	44.0	36.2	54.2





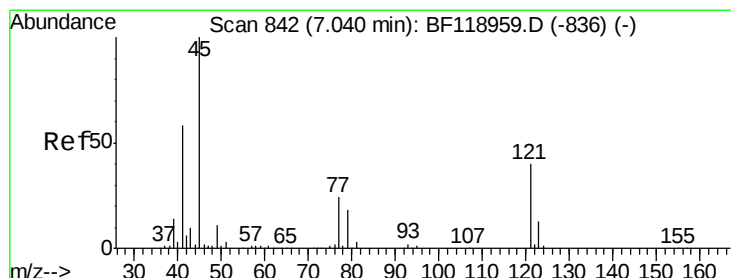
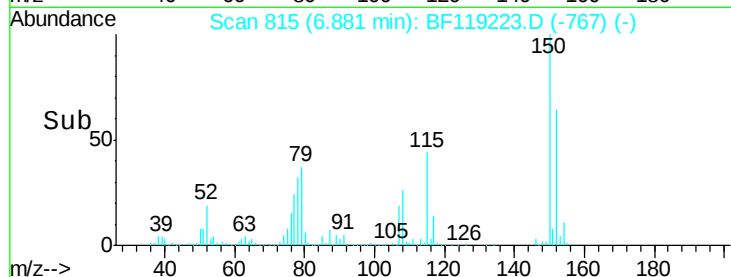
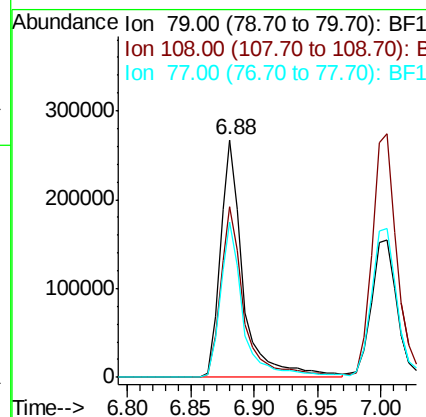
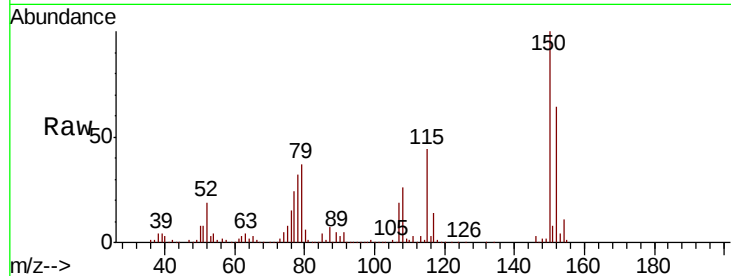
#15
Benzyl Alcohol
Concen: 38.390 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.7	58.2	87.2	
77	65.2	51.2	76.8	

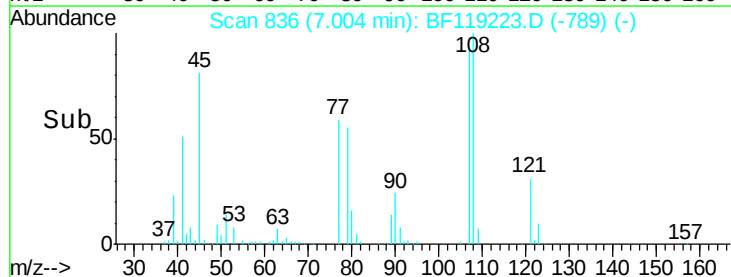
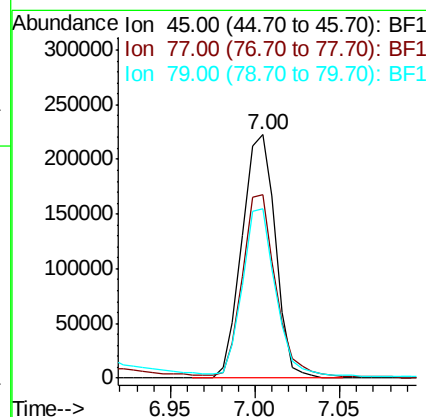
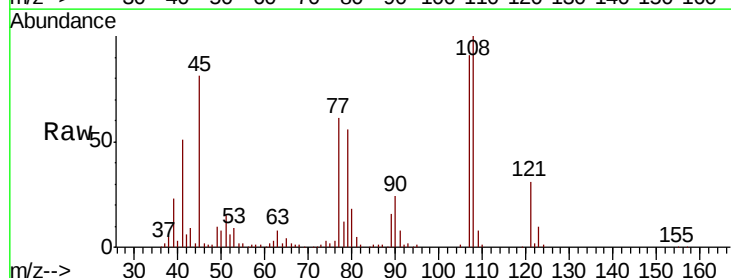
Manual Integrations
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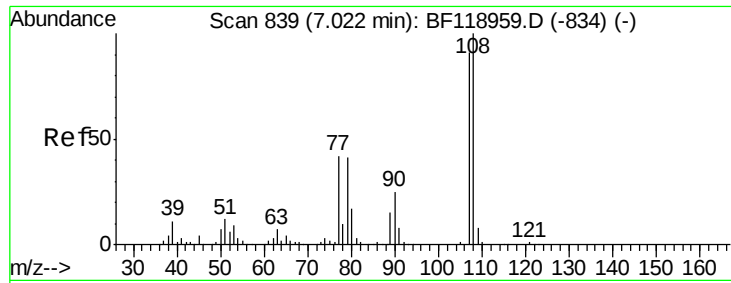
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.081 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	75.2	15.0	55.0#	
79	69.3	9.4	49.4#	





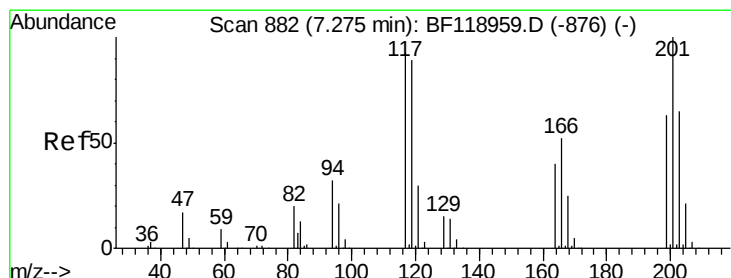
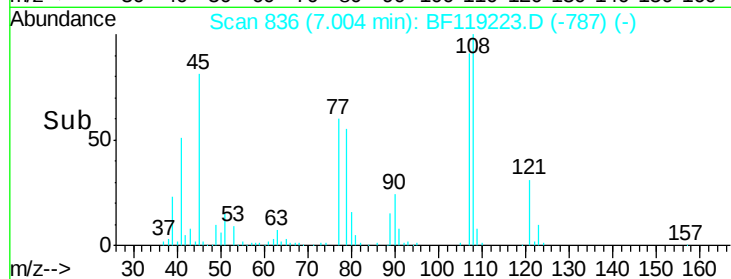
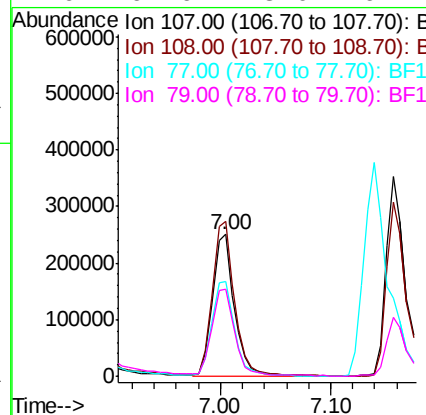
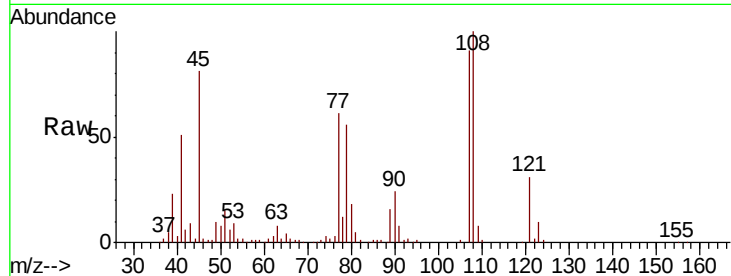
#17
2-Methylphenol
Concen: 38.118 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.9	131.9	
77	66.8	45.3	67.9	
79	61.6	43.0	64.4	

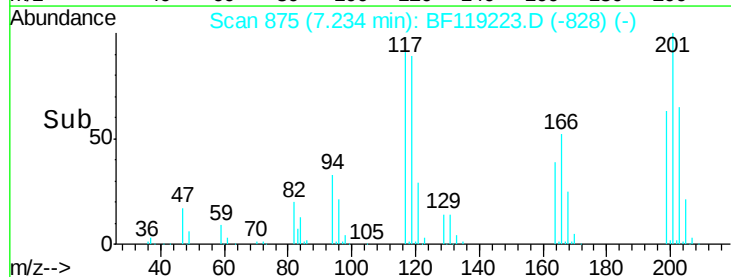
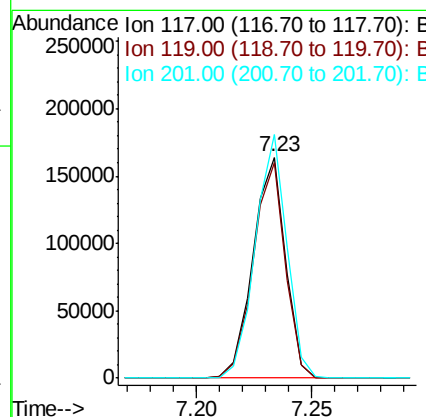
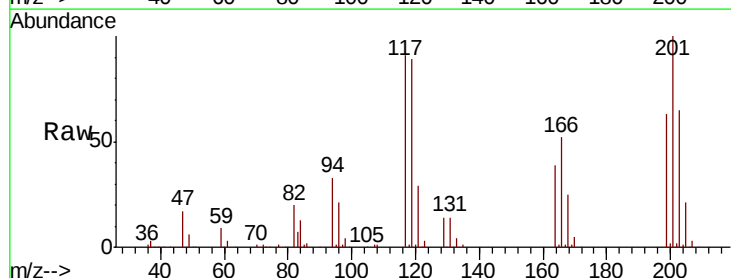
Manual Integrations
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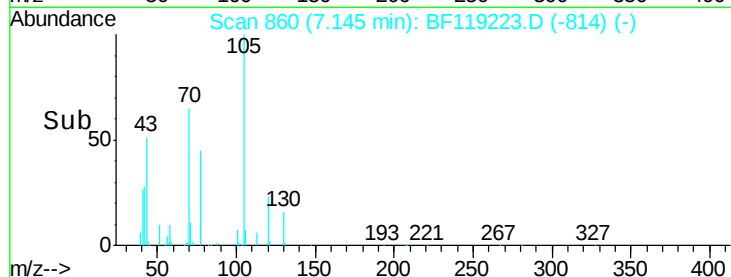
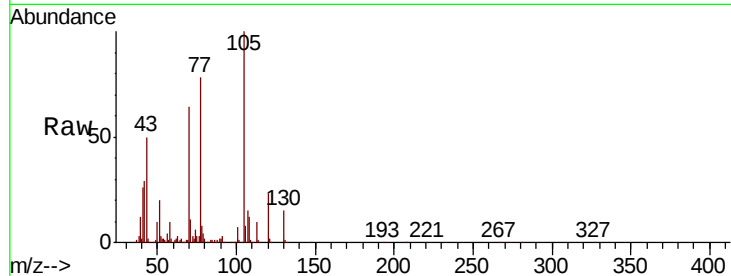
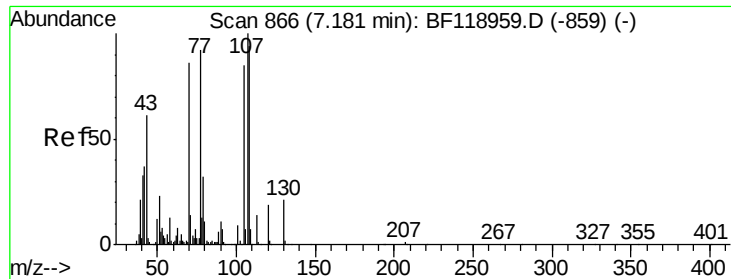
mohammad
3/9/2020 8:27:40 AM



#18
Hexachloroethane
Concen: 34.698 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.5	116.3	
201	110.1	82.6	123.8	





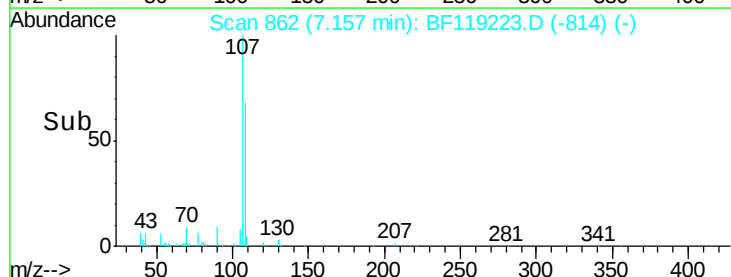
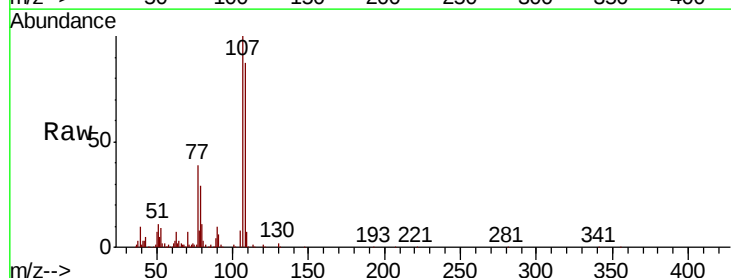
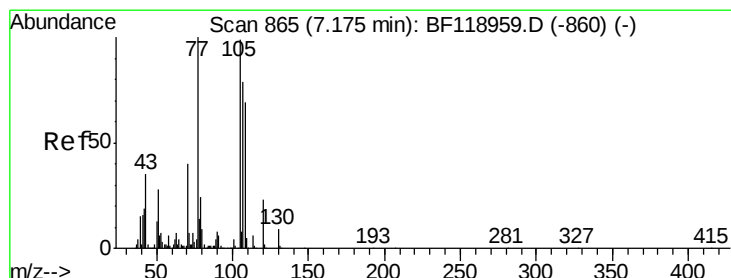
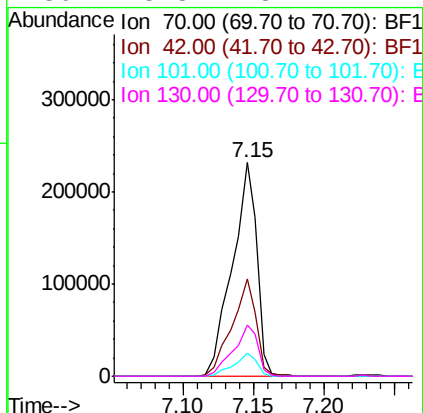
#19
n-Nitroso-di-n-propylamine
Concen: 39.317 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	45.4	38.0	57.0	
101	10.7	8.2	12.4	
130	23.8	18.2	27.4	

Instrument :
BNA_F
ClientSampleId :
PB127261BS

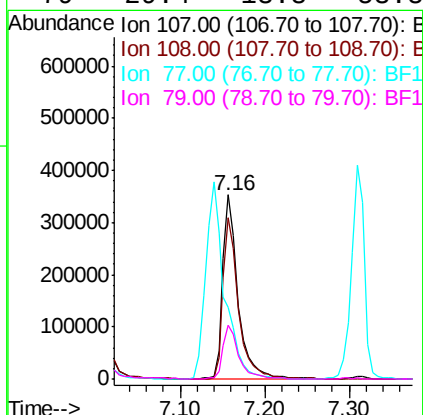
Manual Integrations
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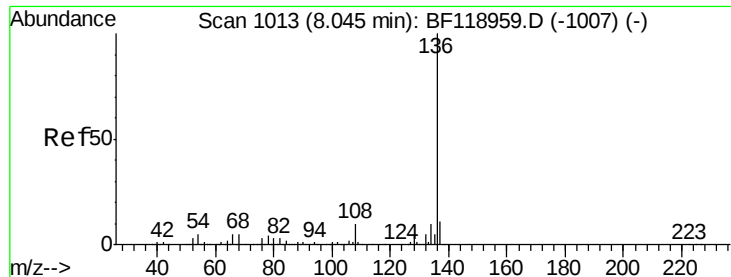
mohammad
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#20
3+4-Methylphenols
Concen: 41.009 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.5	71.5	111.5	
77	39.0	45.9	85.9	
79	29.4	13.8	53.8	





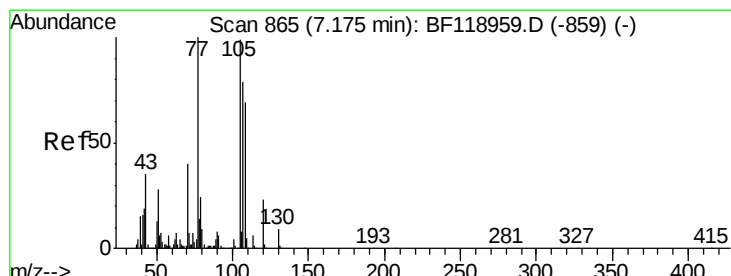
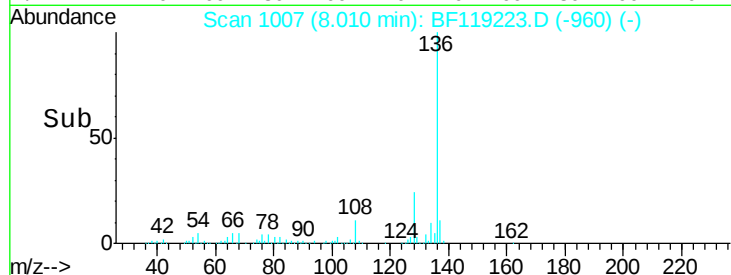
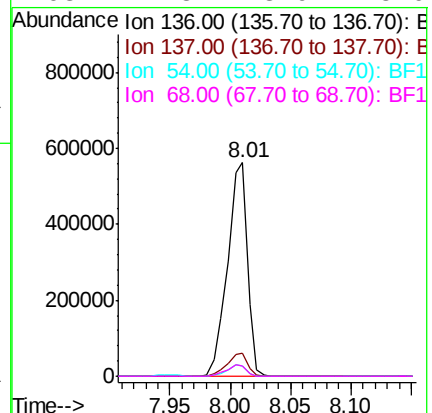
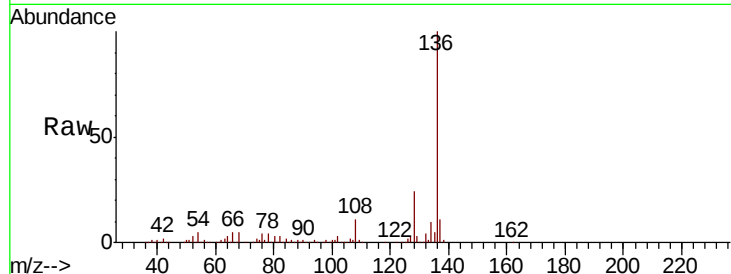
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	641372		
137	10.6		8.8	13.2
54	4.6		3.8	5.6
68	4.8		3.9	5.9

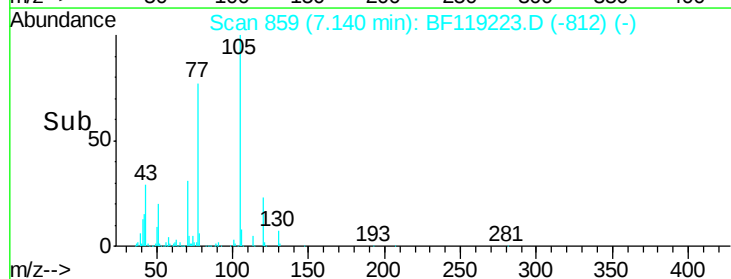
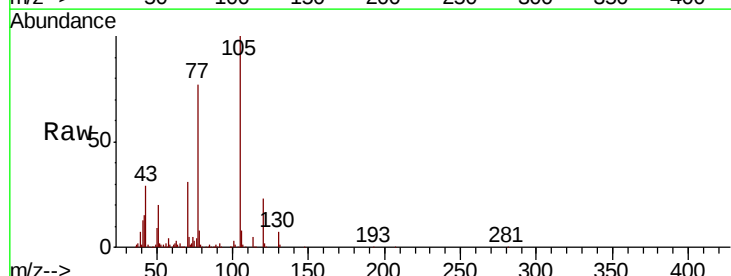
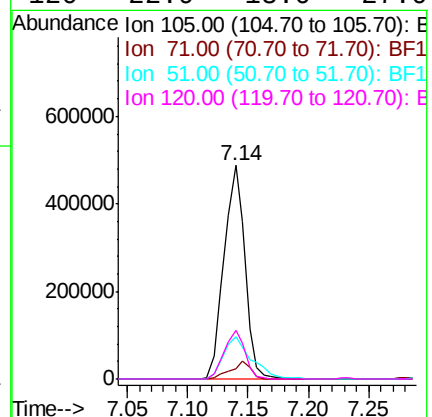
Manual Integrations
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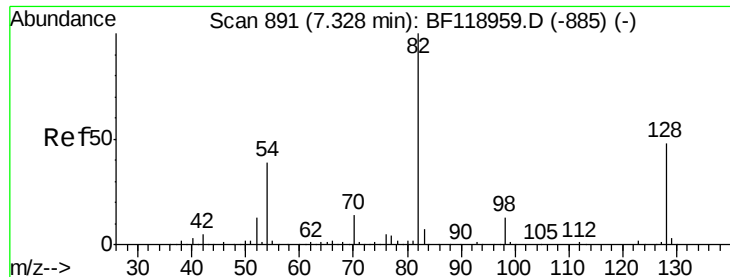
mohammad
3/9/2020 8:27:40 AM



#22
Acetophenone
Concen: 39.239 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	582297		
71	5.1		3.0	4.4#
51	20.1		20.1	30.1#
120	22.9		18.0	27.0





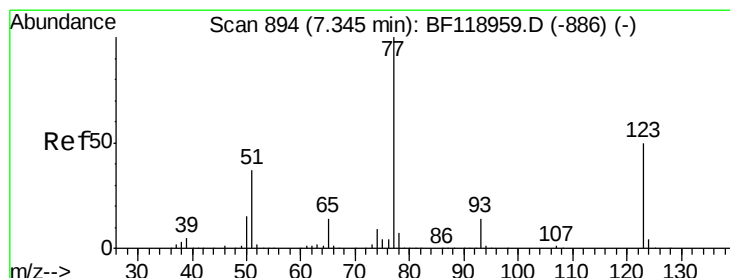
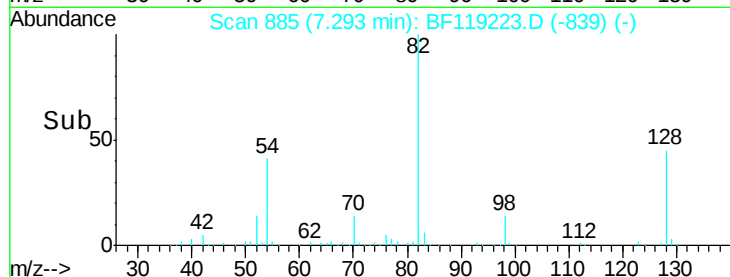
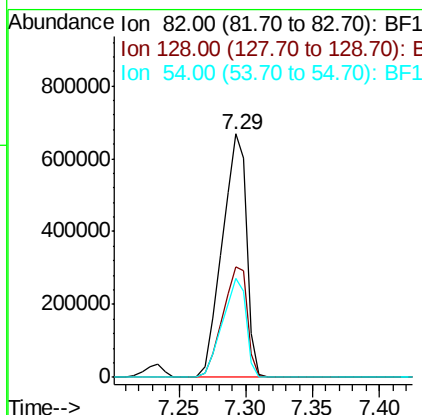
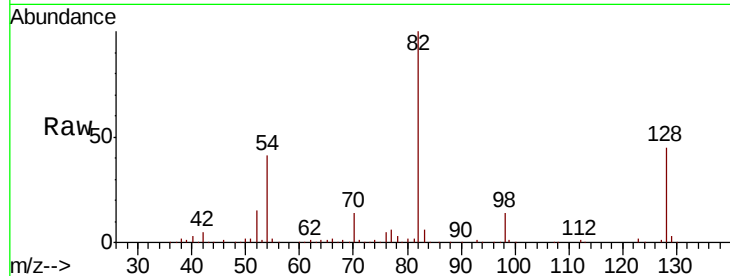
#23
Nitrobenzene-d5
Concen: 71.047 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.9	56.9
54	40.7	33.4	50.2

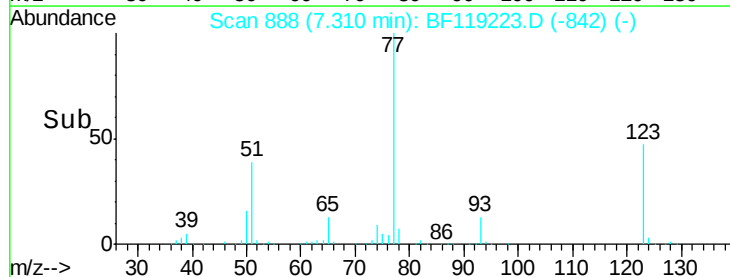
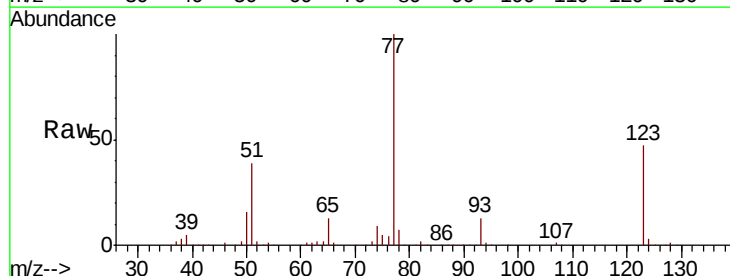
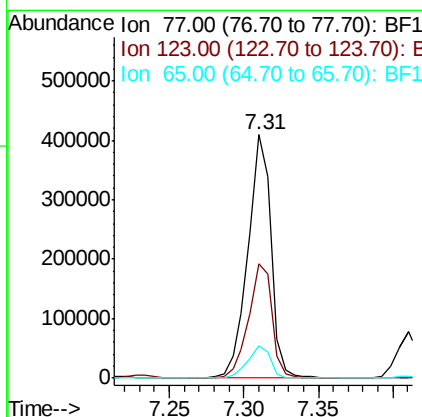
Manual Integrations
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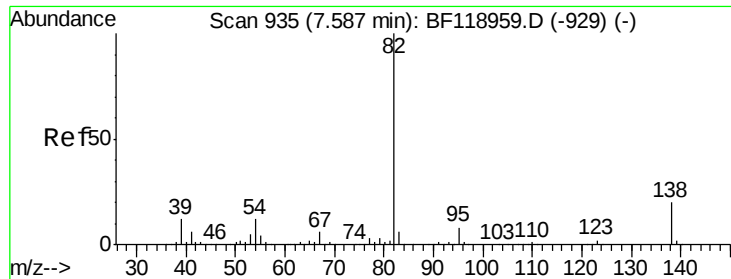
mohammad
3/9/2020 8:27:40 AM



#24
Nitrobenzene
Concen: 36.160 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	40.2	60.2
65	13.4	10.8	16.2





#25

Isophorone

Concen: 36.526 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

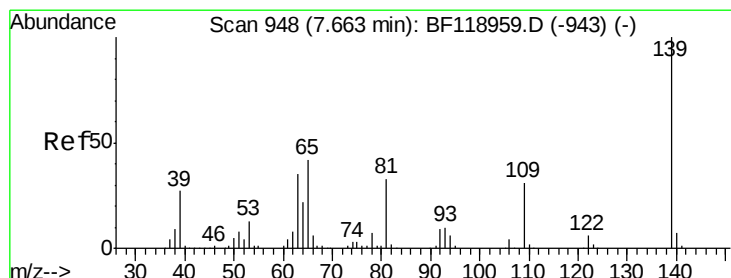
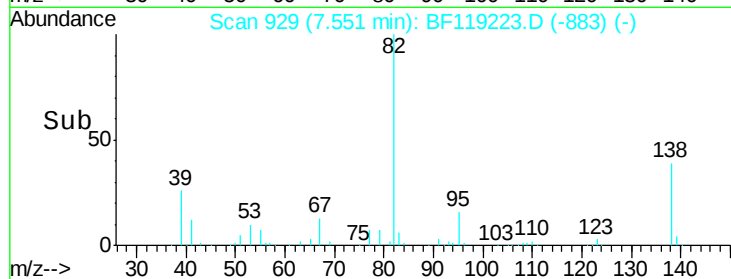
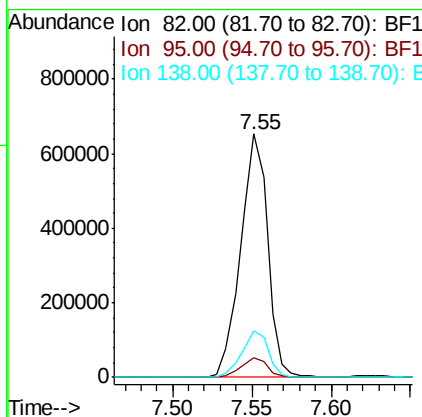
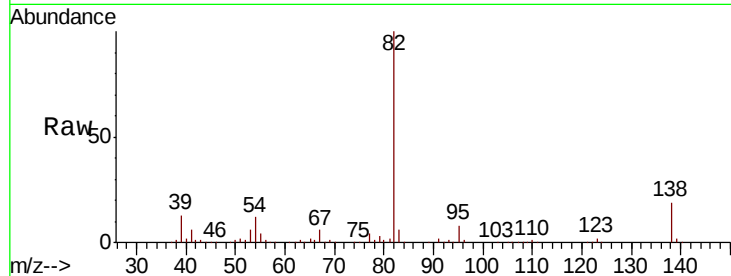
ClientSampleId :

PB127261BS

Tot Ion:	82	Resp:	770564
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.4	9.6
138	19.2	15.7	23.5

Manual Integrations
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mohammad
3/9/2020 8:27:40 AM



#26

2-Nitrophenol

Concen: 37.060 ng

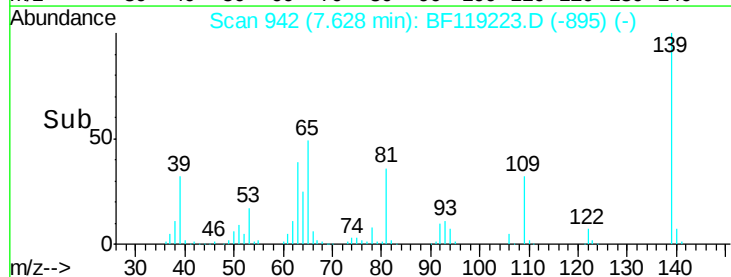
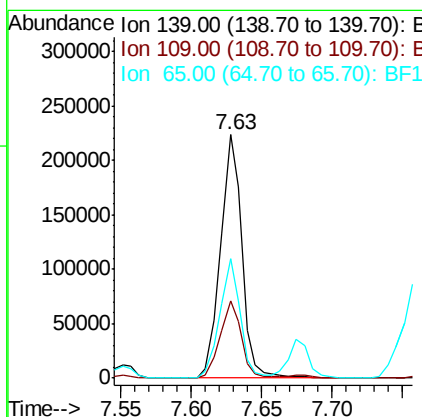
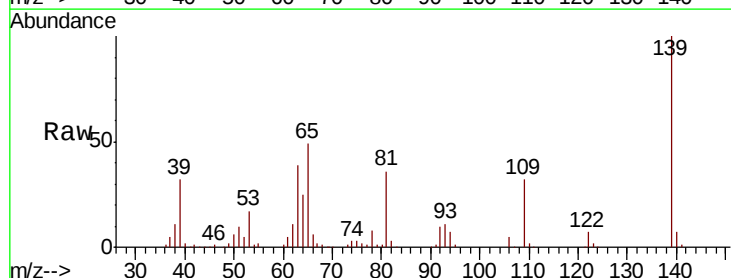
RT: 7.63 min Scan# 942

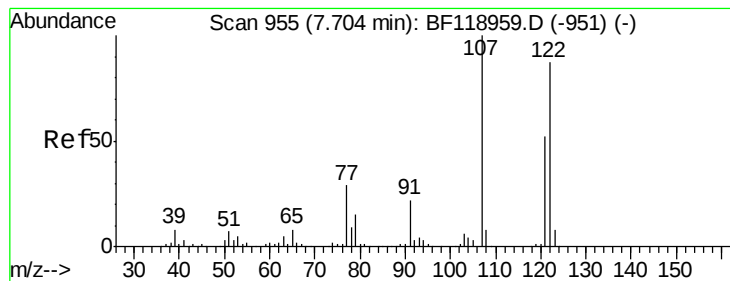
Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:	139	Resp:	235876
Ion Ratio	Lower	Upper	
139	100		
109	31.8	25.7	38.5
65	49.0	37.1	55.7





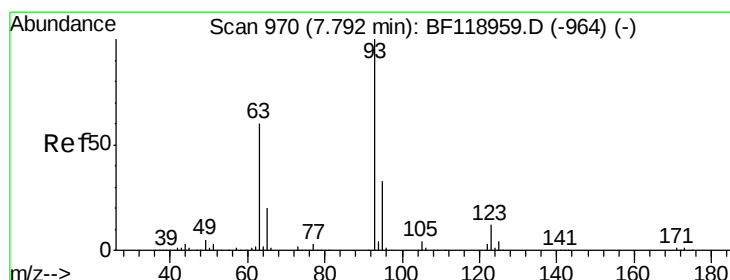
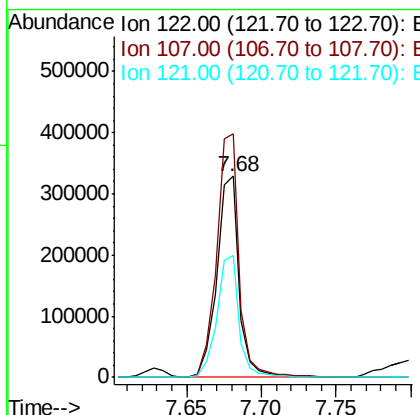
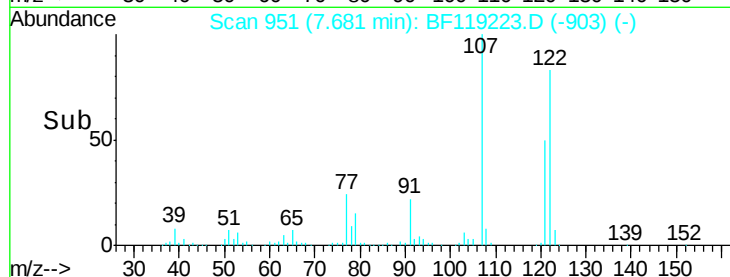
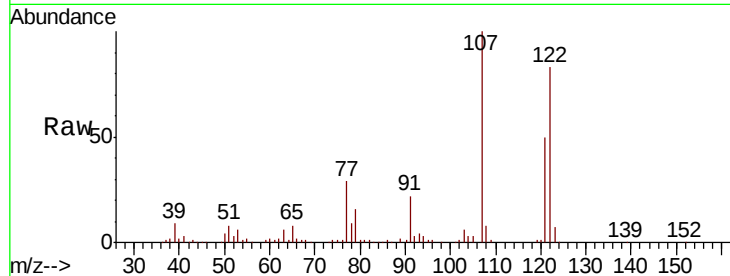
#27
 2,4-Dimethylphenol
 Concen: 39.989 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleID :
 PB127261BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	93.8	140.6
121	60.9	48.2	72.2

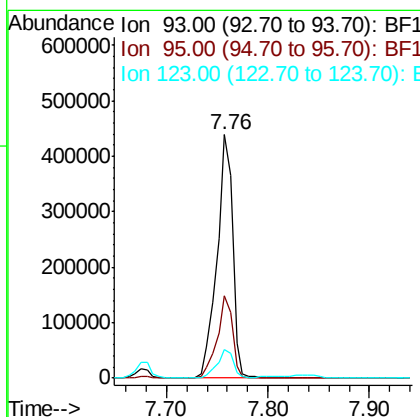
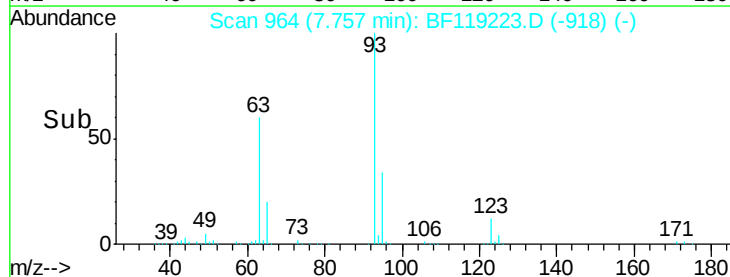
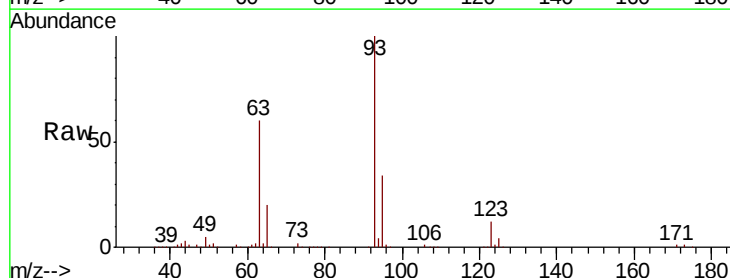
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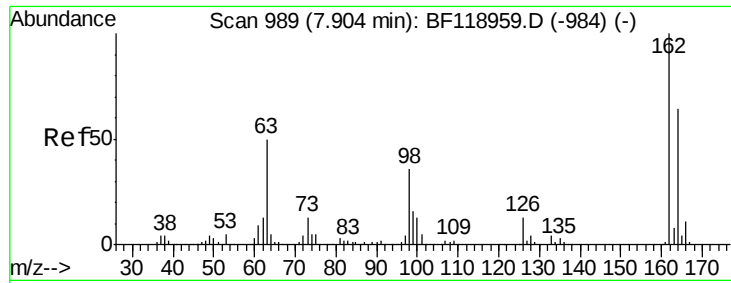
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.574 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.5	39.7
123	11.5	10.2	15.2





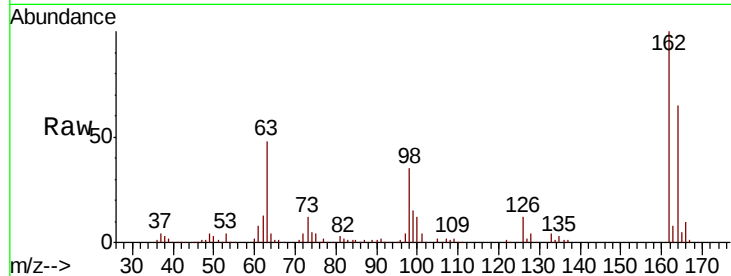
#29
2,4-Dichlorophenol
Concen: 36.474 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

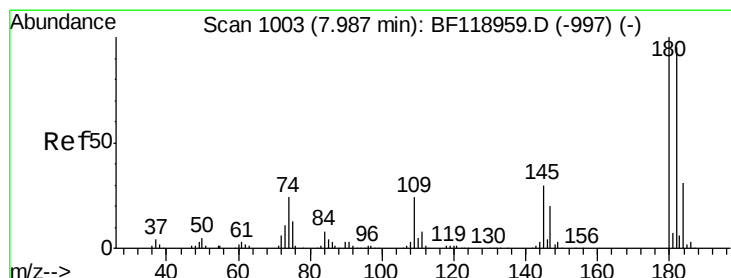
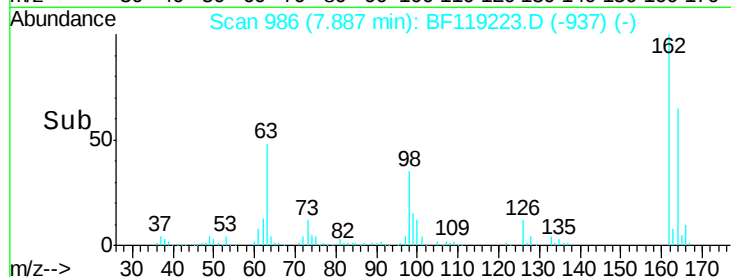
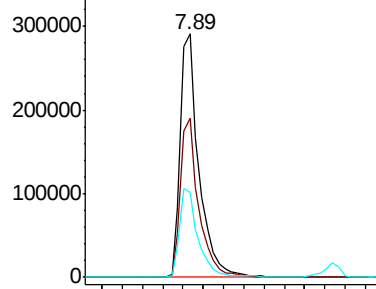
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.5	45.2	85.2	
98	34.8	17.4	57.4	

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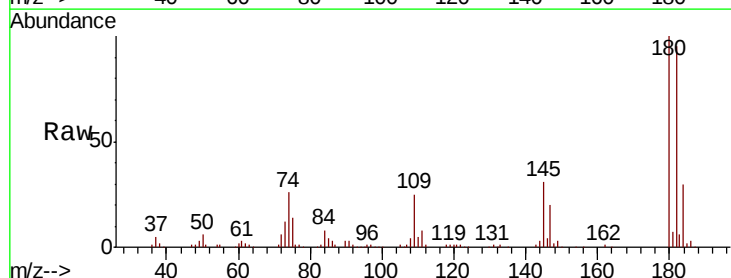


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

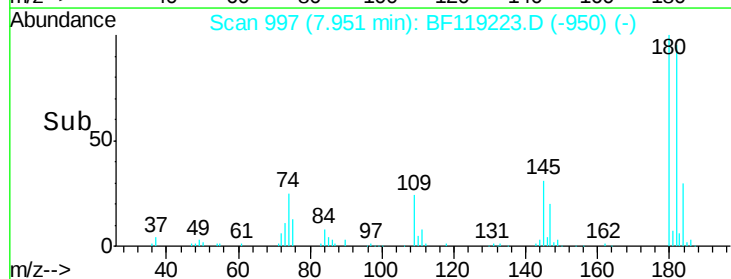
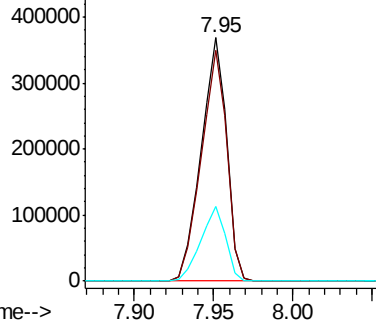


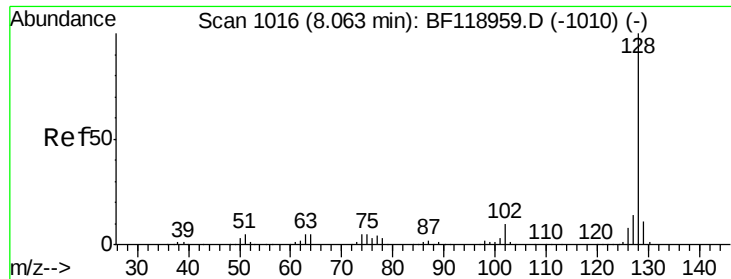
#30
1,2,4-Trichlorobenzene
Concen: 33.935 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	77.8	116.6	
145	30.6	25.2	37.8	



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





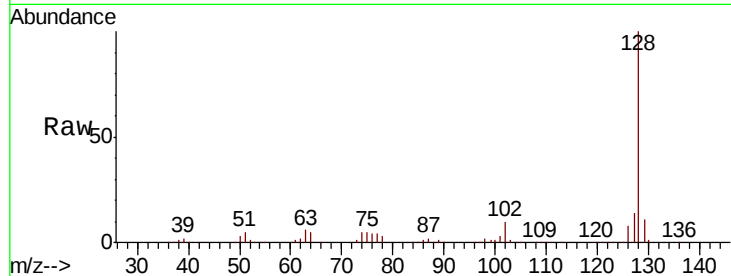
#31
Naphthalene
Concen: 36.021 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

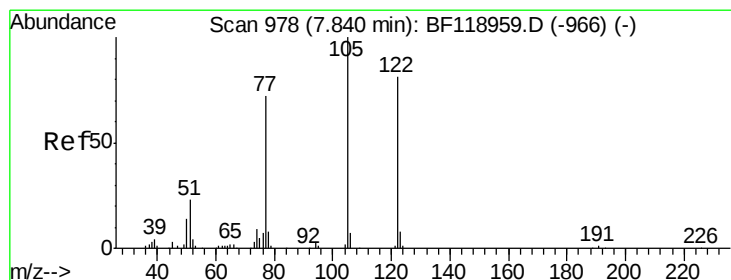
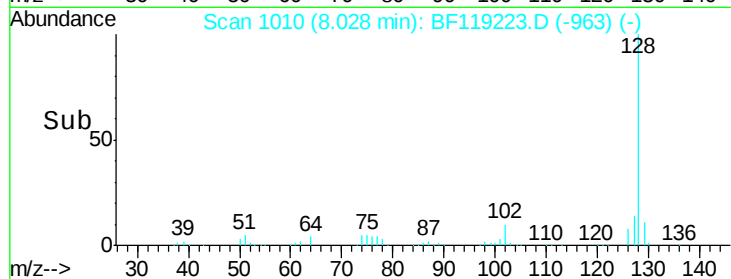
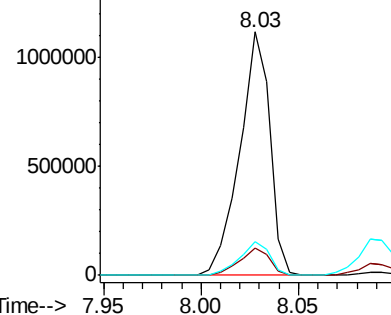
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.9	11.4	17.2

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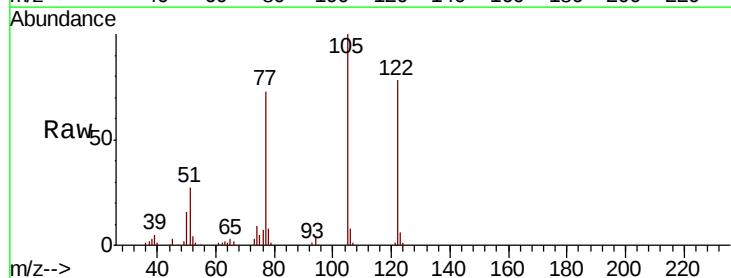


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

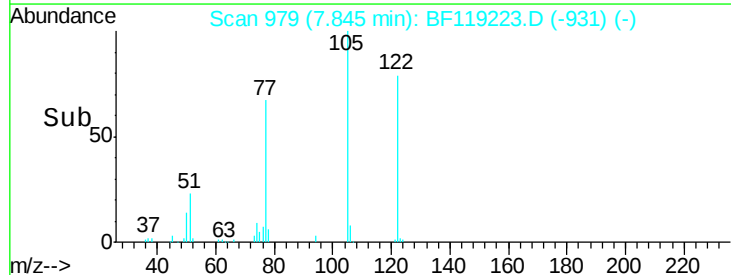
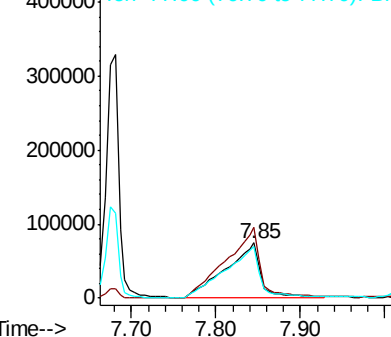


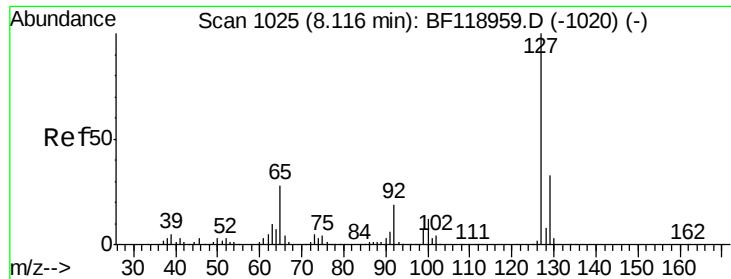
#32
Benzoic acid
Concen: 35.513 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.3	146.3
77	93.6	73.1	113.1



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





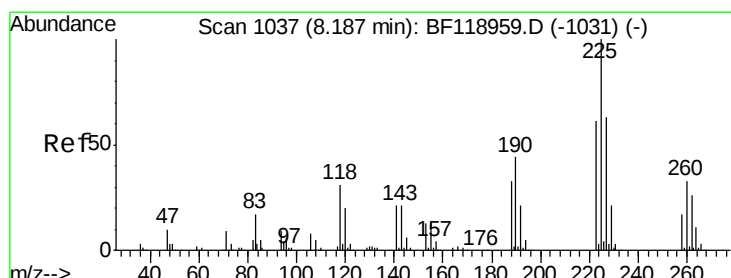
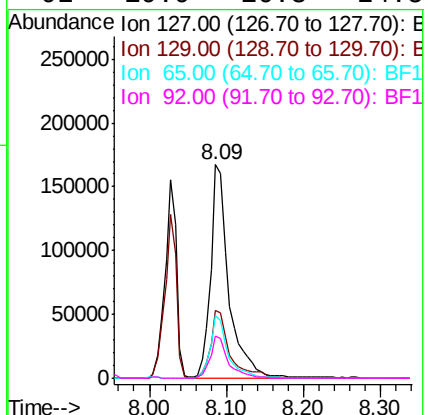
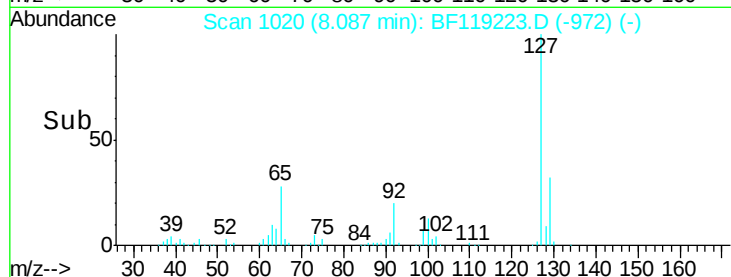
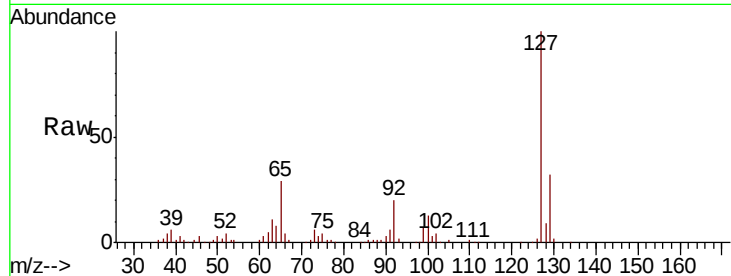
#33
4-Chloroaniline
Concen: 18.914 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		270596		
129	32.1	25.9	38.9		
65	29.3	23.9	35.9		
92	19.9	16.3	24.5		

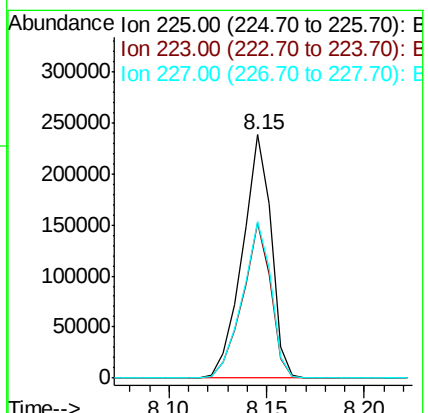
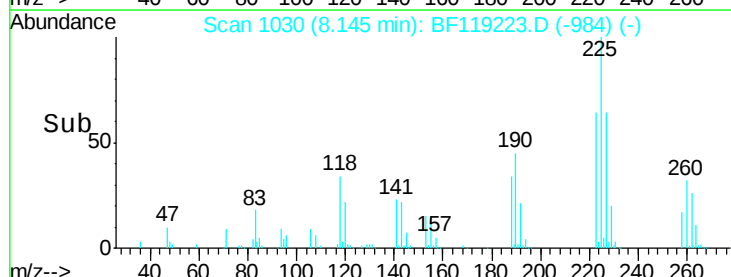
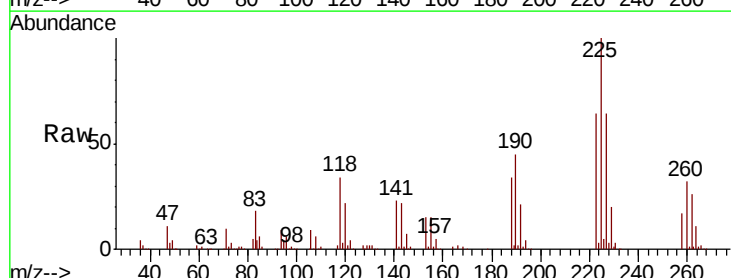
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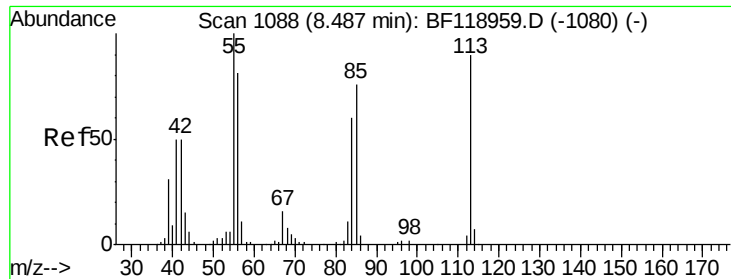
mohammad
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#34
Hexachlorobutadiene
Concen: 32.534 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		244335		
223	63.7	49.4	74.2		
227	64.4	52.9	79.3		





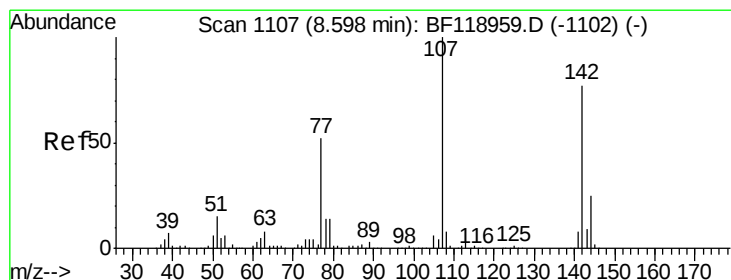
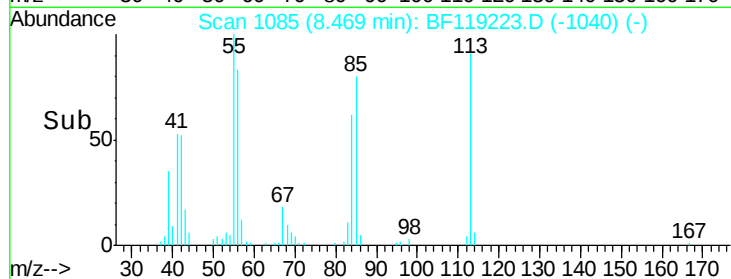
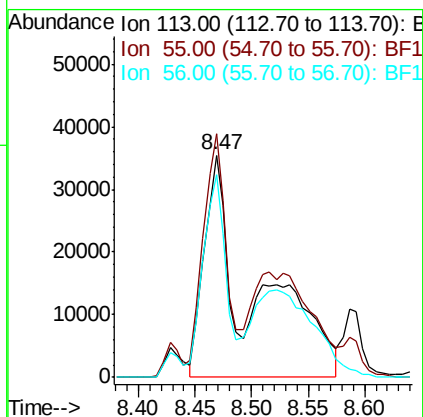
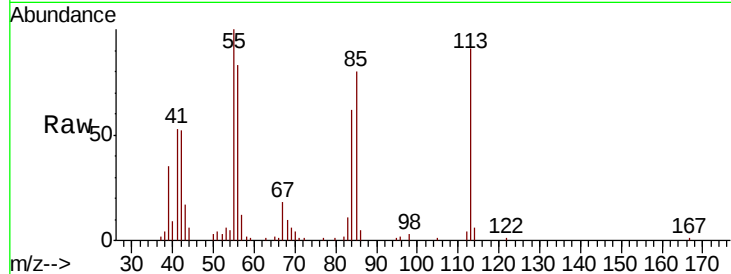
#35
Caprolactam
Concen: 33.835 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		105944		
55	109.5	95.7	135.7		
56	90.9	73.1	113.1		

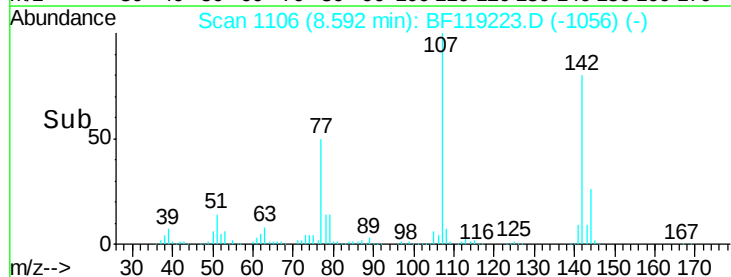
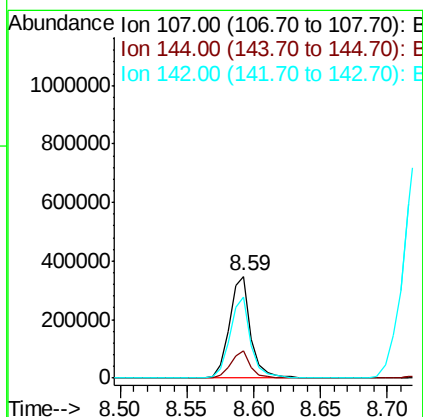
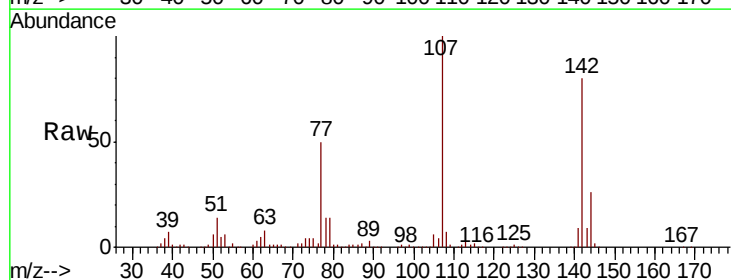
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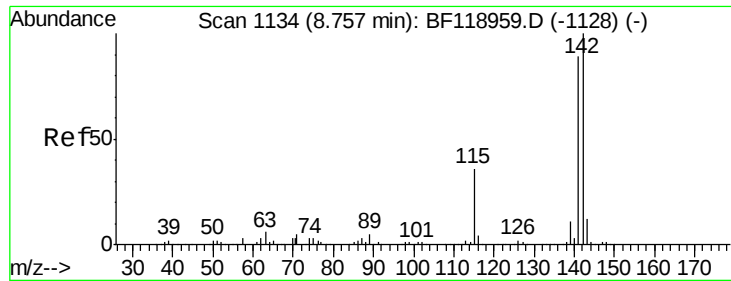
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#36
4-Chloro-3-methylphenol
Concen: 37.997 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		391046		
144	26.3	20.1	30.1		
142	79.5	61.4	92.2		





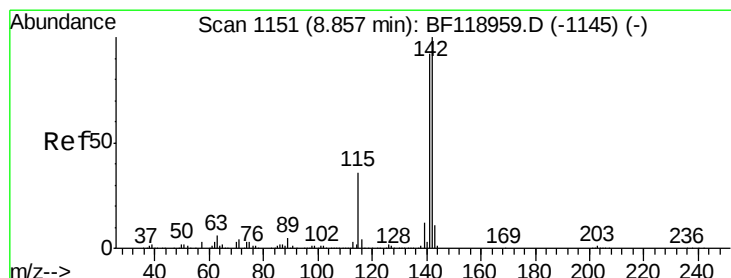
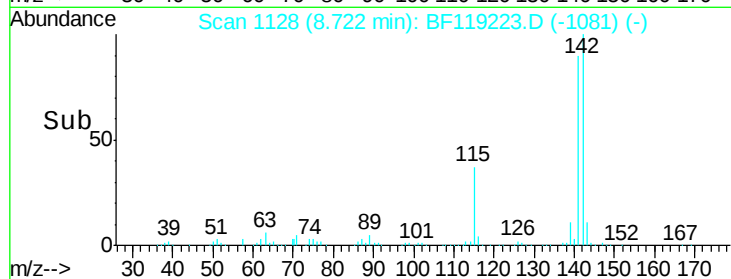
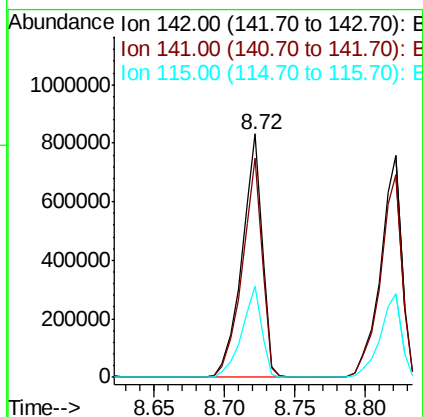
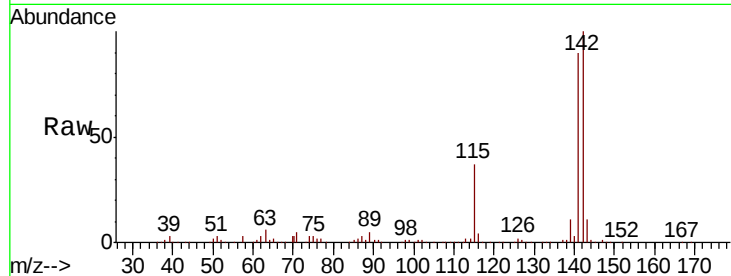
#37
2-Methylnaphthalene
Concen: 36.957 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	37.4	30.6	45.8

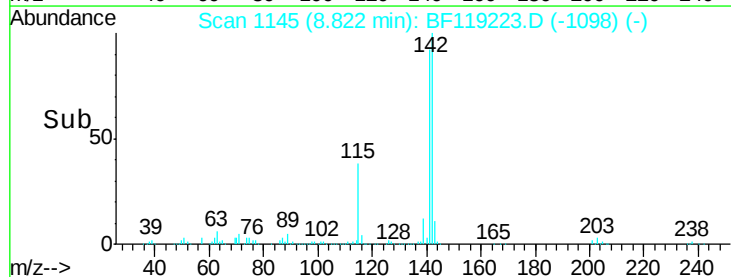
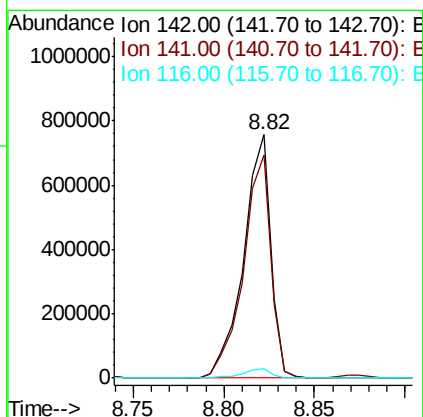
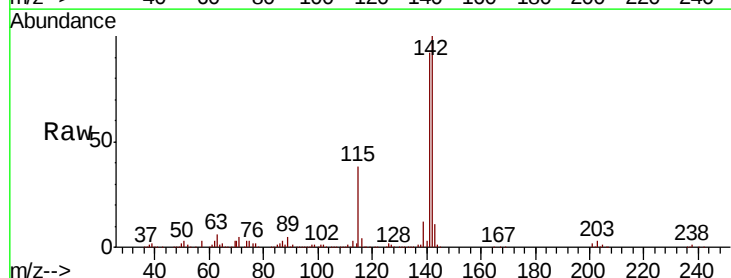
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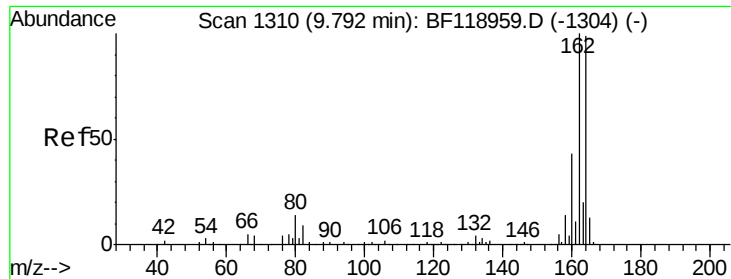
mohammad
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#38
1-Methylnaphthalene
Concen: 37.444 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.6
116	3.7	3.1	4.7





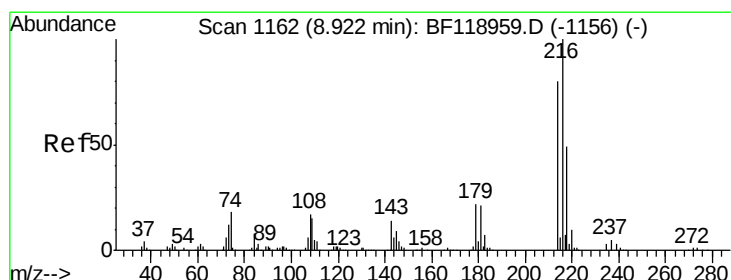
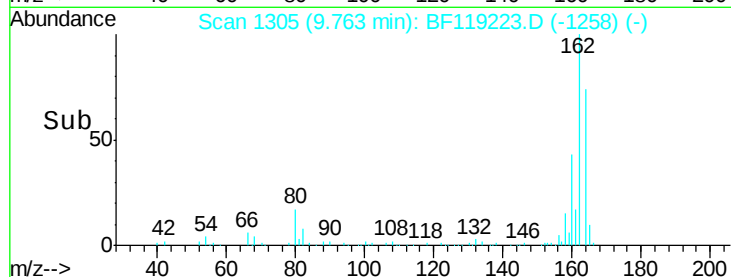
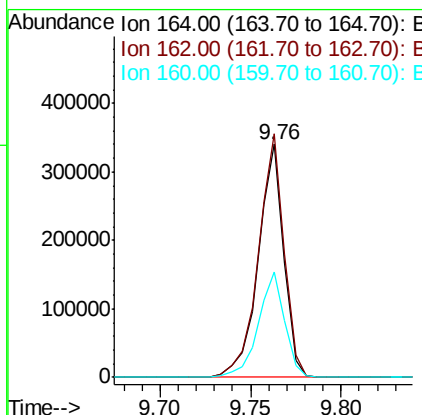
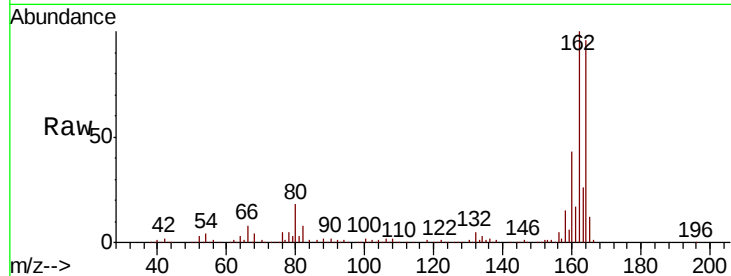
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.8	122.8
160	45.0	36.0	54.0

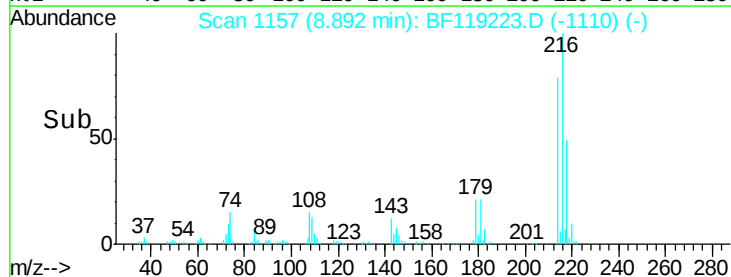
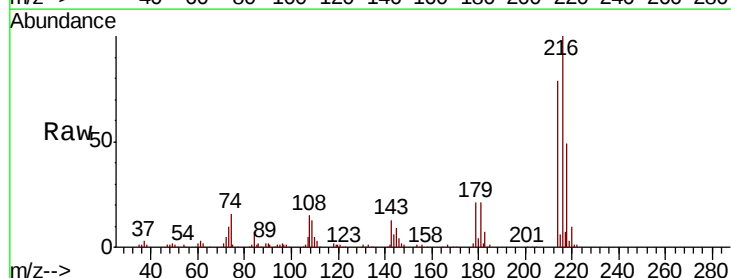
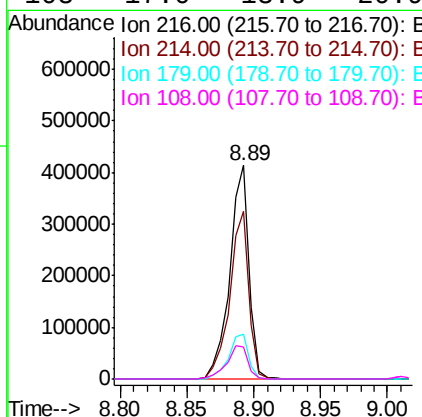
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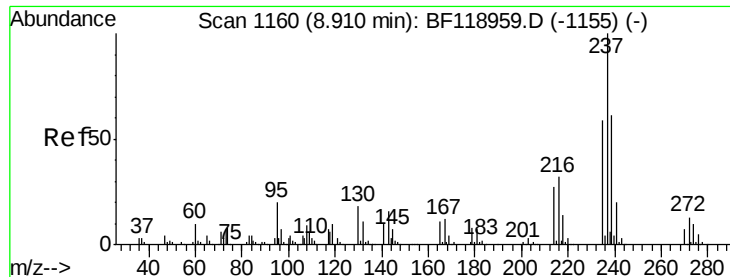
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.435 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	21.7	17.7	26.5
108	17.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 23.403 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

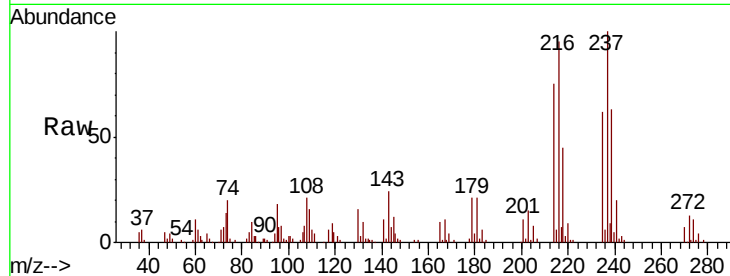
ClientSampleId :

PB127261BS

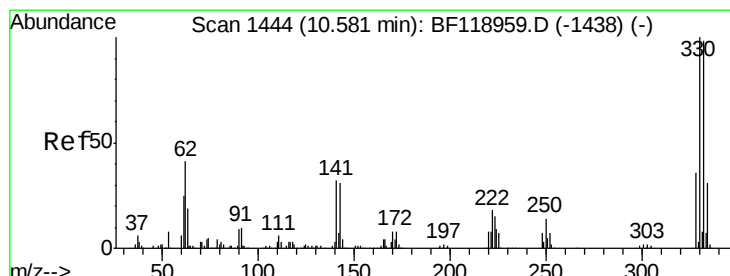
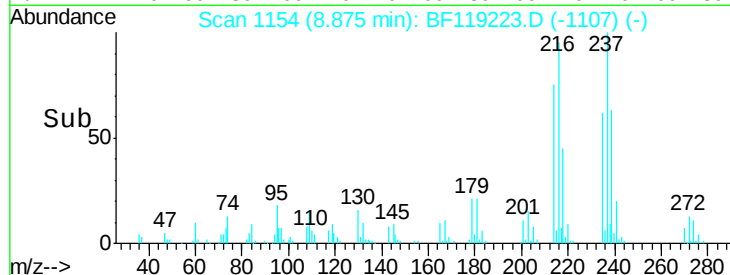
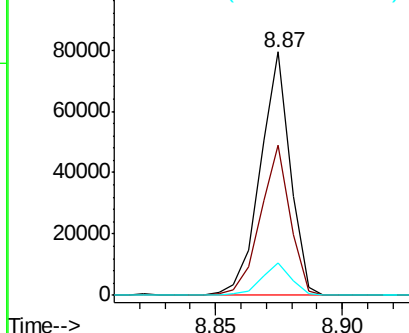
Tot Ion:	237	Resp:	64835
Ion Ratio	Lower	Upper	
237	100		
235	61.6	42.3	82.3
272	13.3	0.0	33.5

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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: 112.723 ng

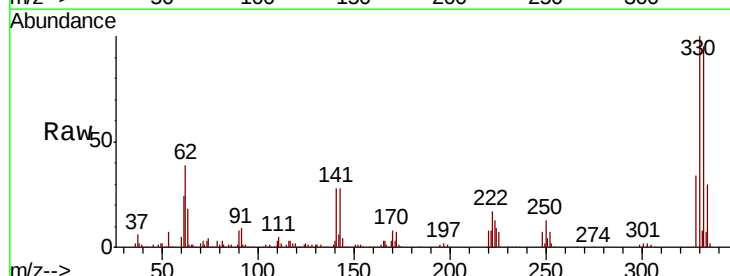
RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

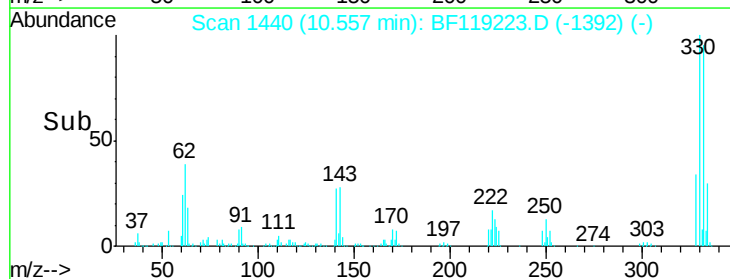
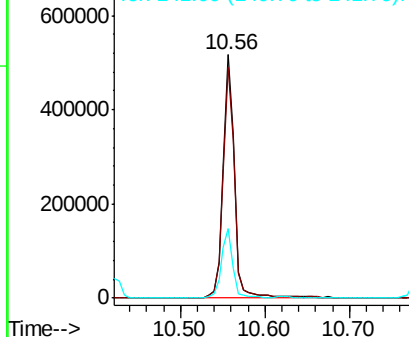
Lab File: BF119223.D

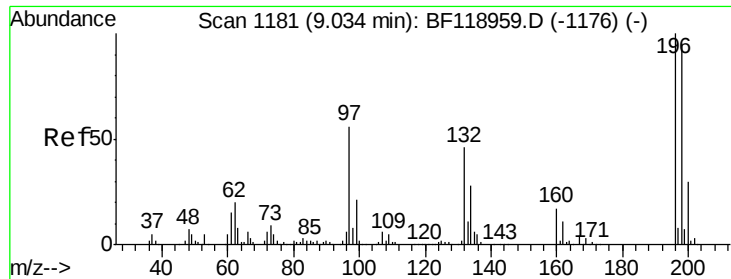
Acq: 5 Mar 2020 20:33

Tgt Ion:	330	Resp:	490793
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.0	114.0
141	28.6	22.9	34.3



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





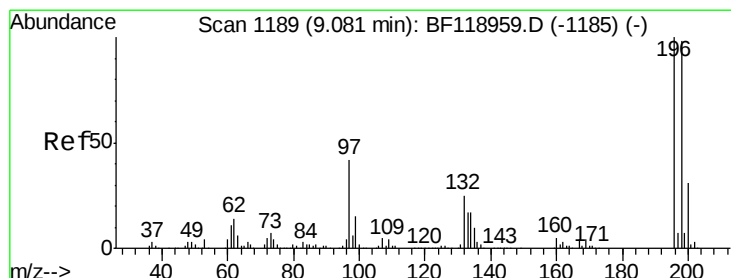
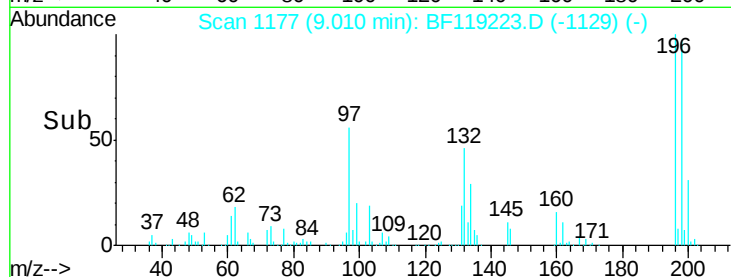
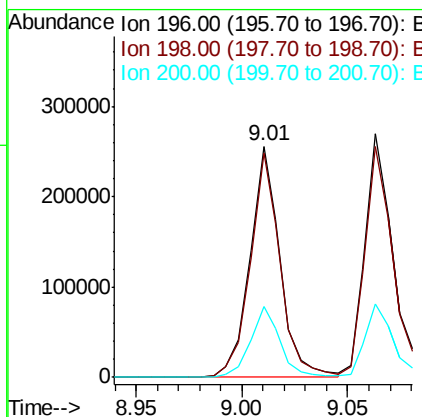
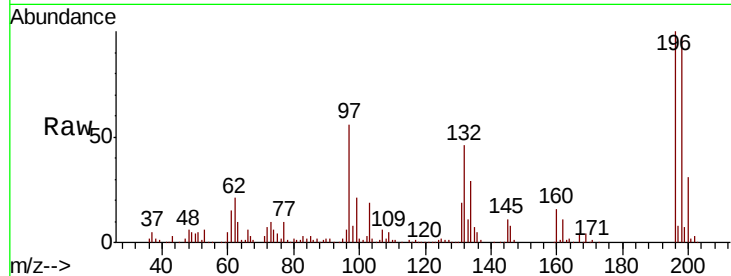
#43
 2,4,6-Trichlorophenol
 Concen: 35.759 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BS

Tot Ion:	196	Resp:	253404
Ion Ratio	Lower	Upper	
196	100		
198	97.2	77.1	115.7
200	30.6	25.0	37.6

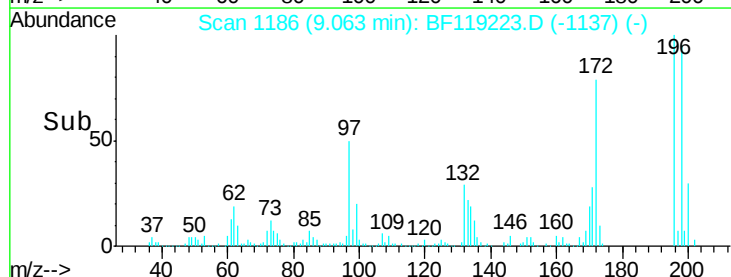
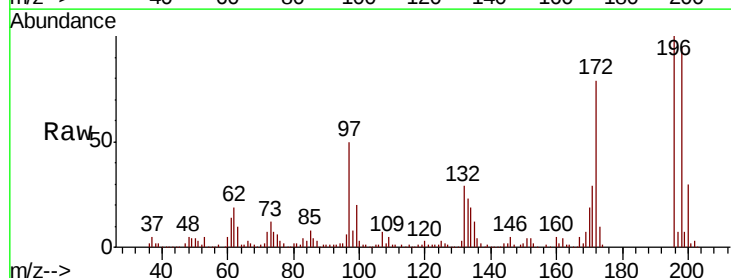
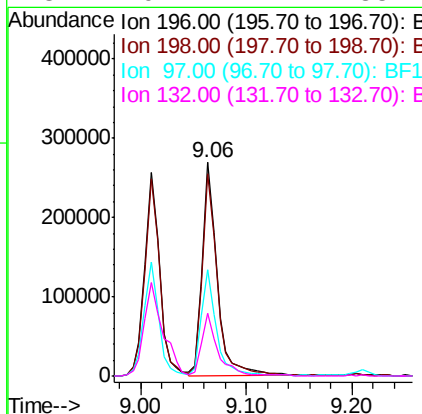
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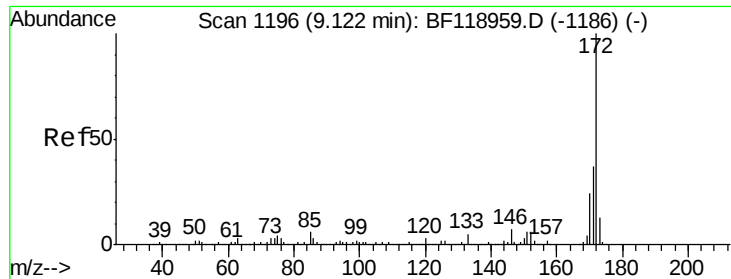
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#44
 2,4,5-Trichlorophenol
 Concen: 35.648 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:	196	Resp:	265080
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.8	115.2
97	49.9	38.5	57.7
132	29.1	22.2	33.4





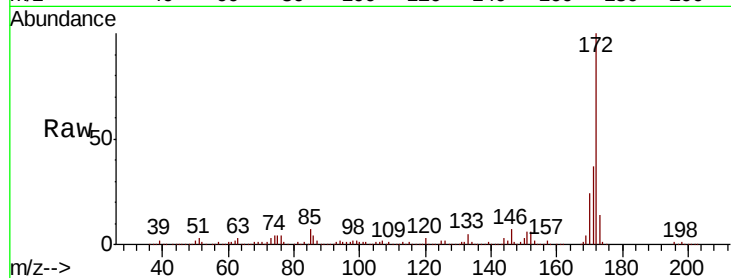
#45
2-Fluorobiphenyl
Concen: 74.861 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

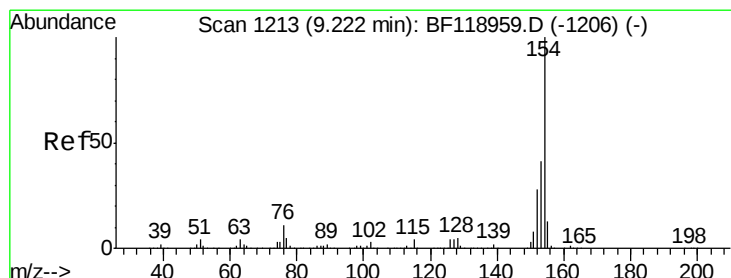
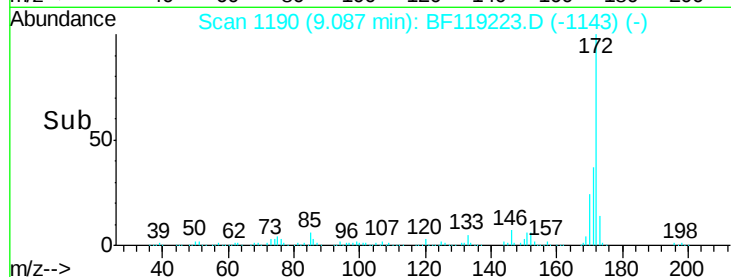
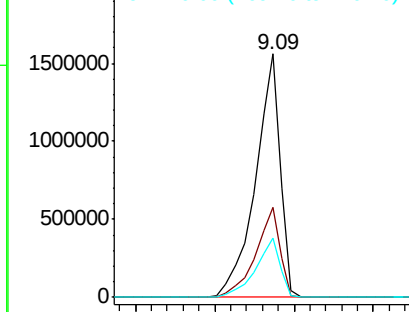
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.5	20.2	30.2

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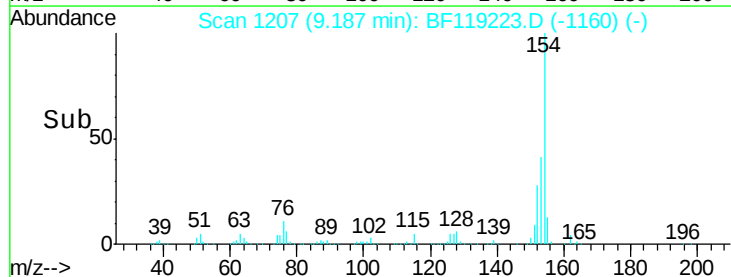
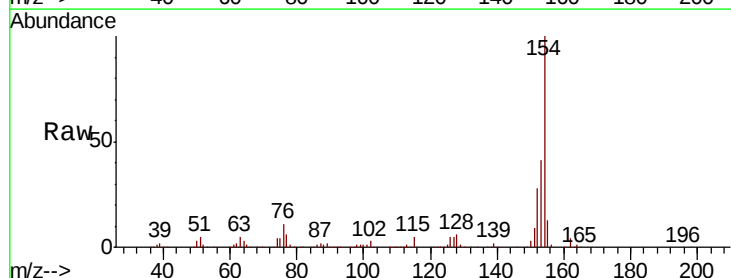
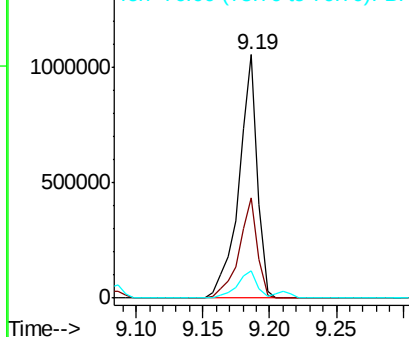
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

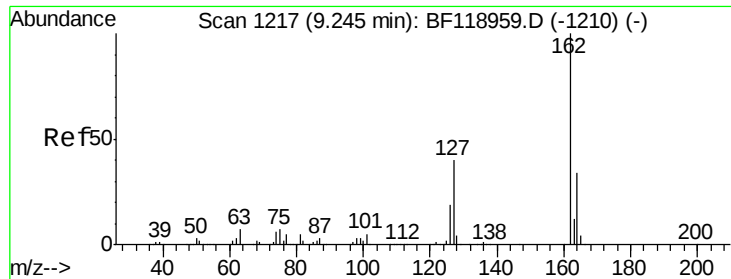


#46
1,1'-Biphenyl
Concen: 37.622 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.8	62.8
76	11.4	0.0	32.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





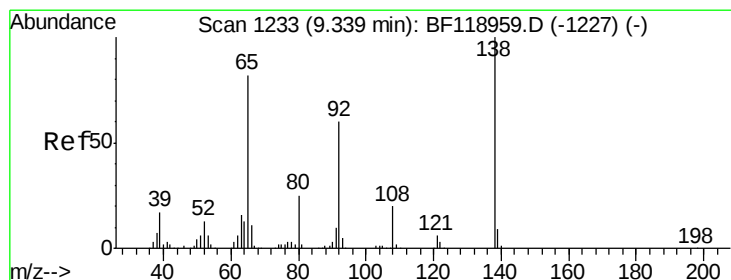
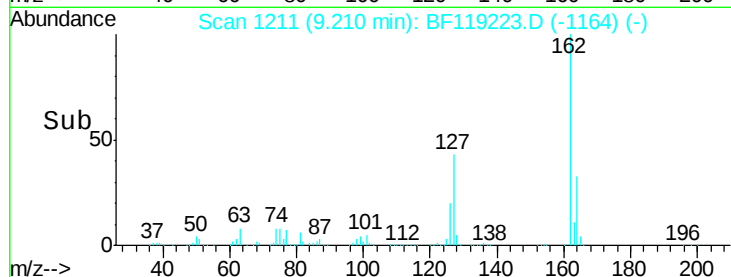
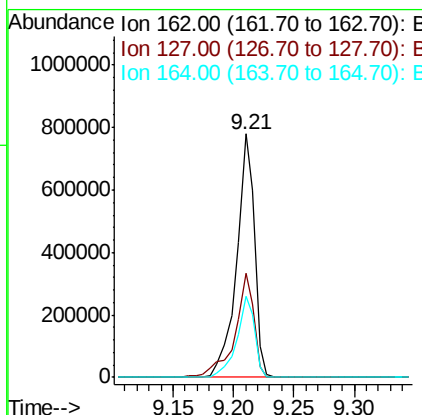
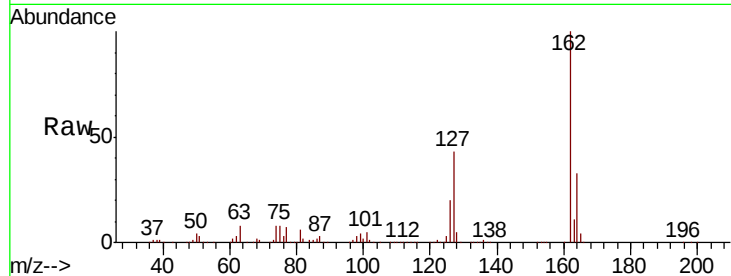
#47
 2-Chloronaphthalene
 Concen: 37.063 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	33.2	27.2	40.8

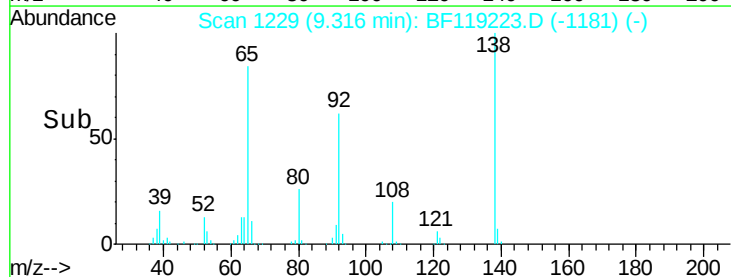
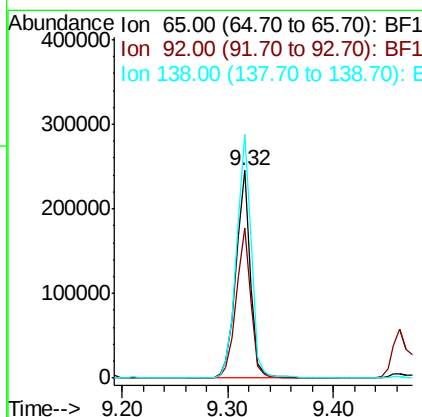
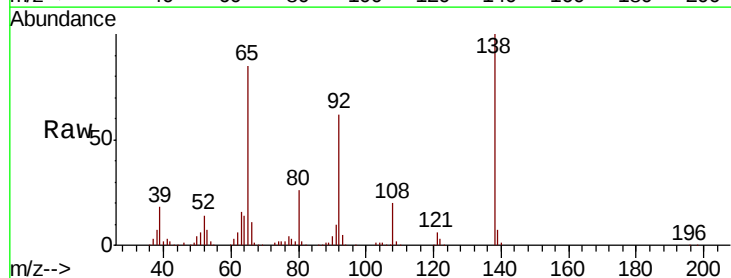
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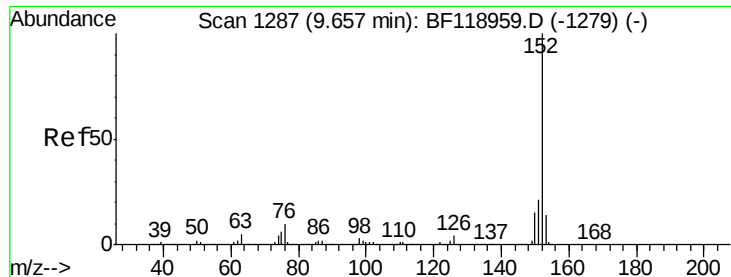
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#48
 2-Nitroaniline
 Concen: 37.896 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.2	87.2
138	117.5	95.6	143.4





#49

Acenaphthylene

Concen: 38.041 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

PB127261BS

Tot Ion:152 Resp: 1190966

Ion Ratio Lower Upper

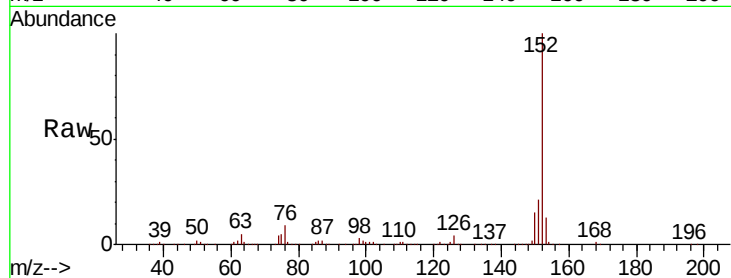
152 100

151 20.8 16.9 25.3

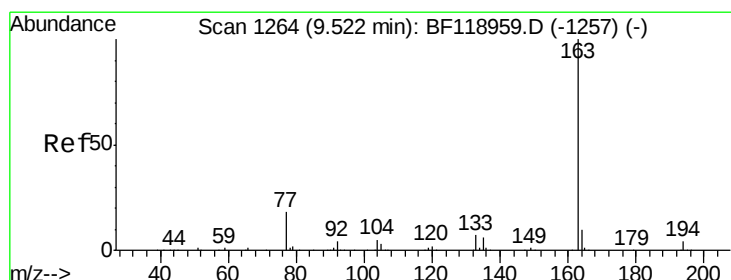
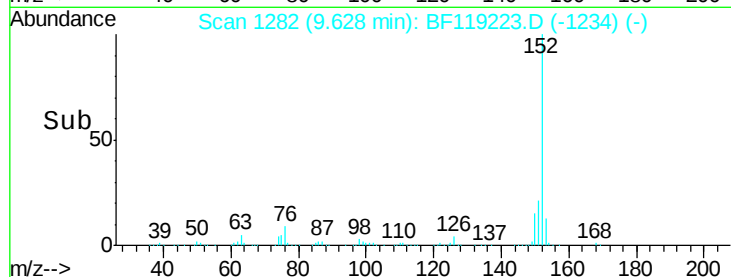
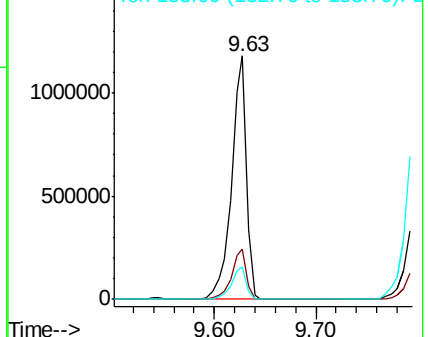
153 13.5 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.790 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

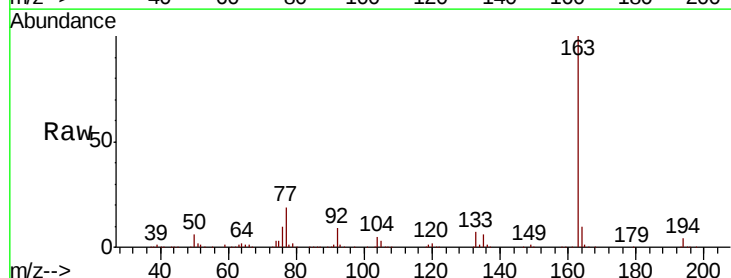
Tgt Ion:163 Resp: 961779

Ion Ratio Lower Upper

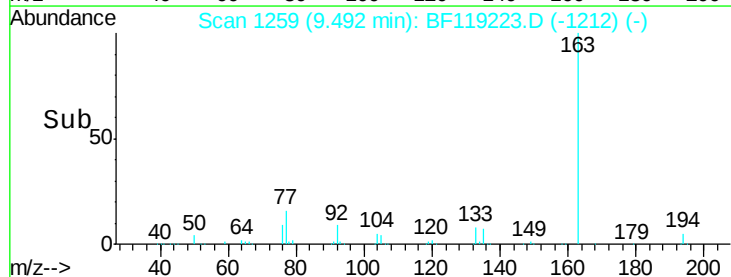
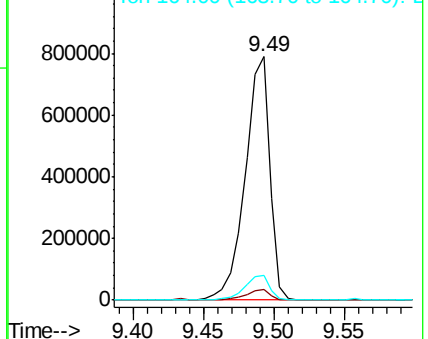
163 100

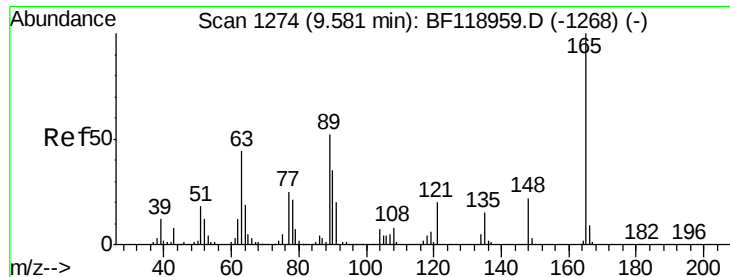
194 4.3 3.5 5.3

164 9.9 8.4 12.6



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: 38.400 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

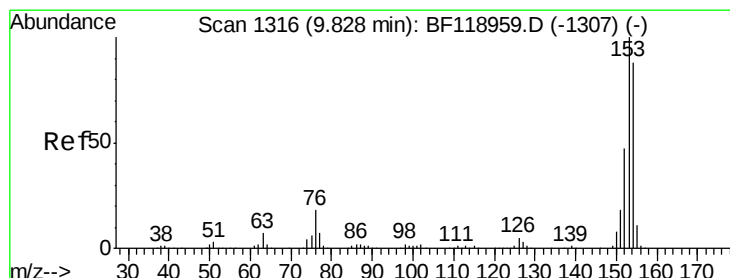
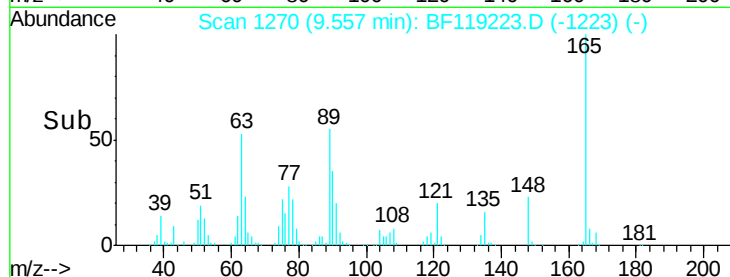
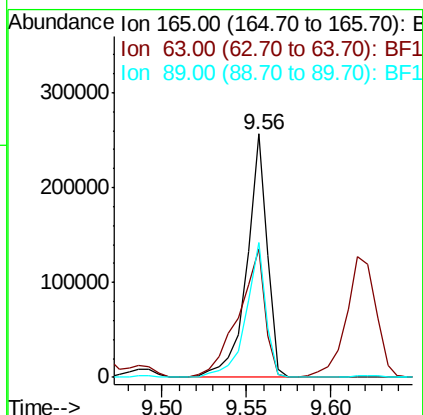
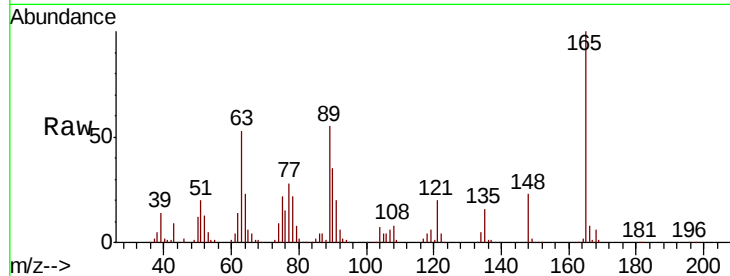
ClientSampleId :

PB127261BS

Tot Ion:	165	Resp:	217131
Ion Ratio	Lower	Upper	
165	100		
63	53.0	34.3	51.5#
89	55.1	38.3	57.5

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#52

Acenaphthene

Concen: 38.154 ng

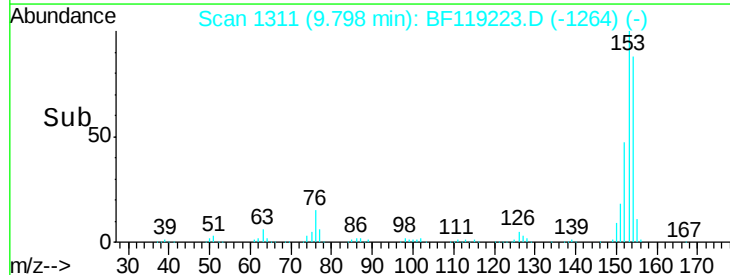
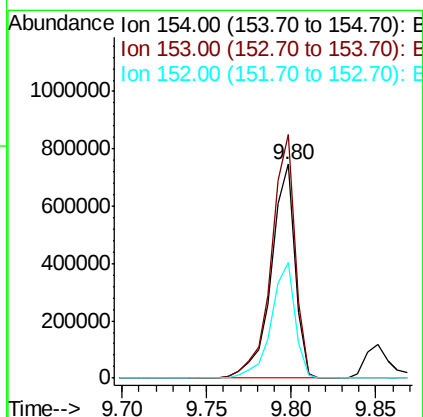
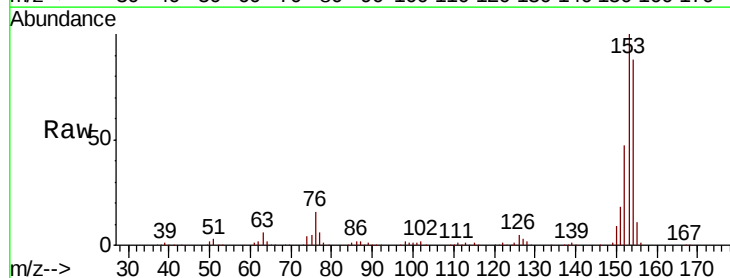
RT: 9.80 min Scan# 1311

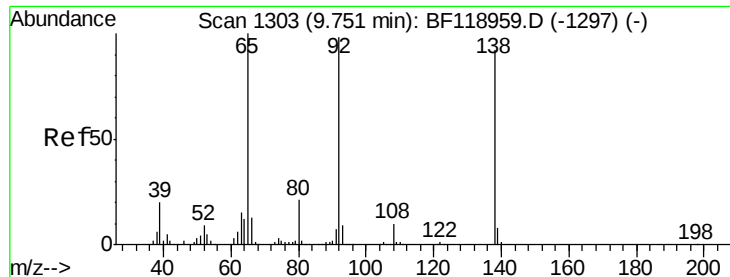
Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:	154	Resp:	720277
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.3	135.5
152	54.0	43.8	65.8





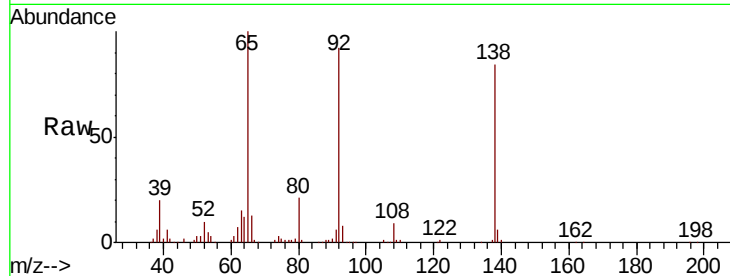
#53
3-Nitroaniline
Concen: 21.954 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	109.8	84.8	127.2

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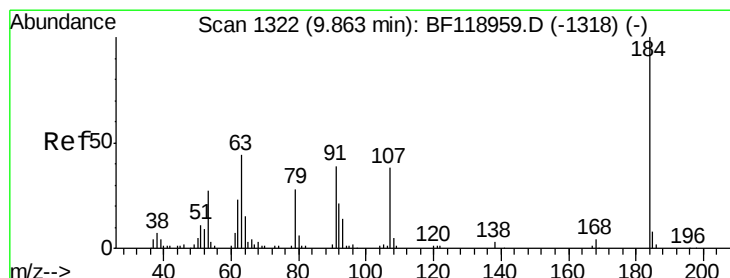
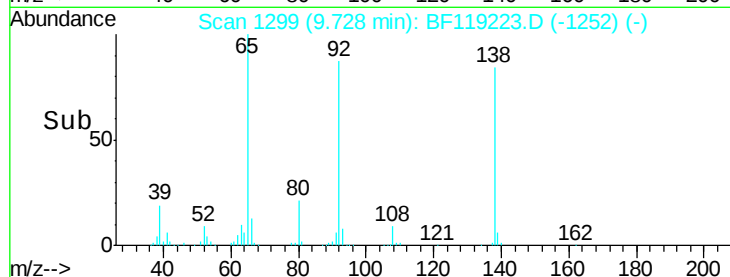
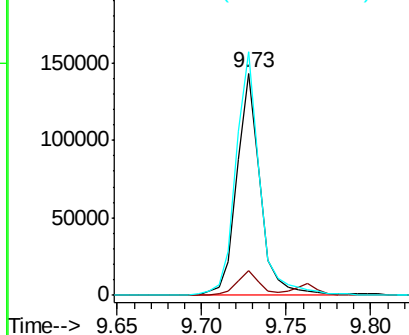


Abundance

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: 76.015 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

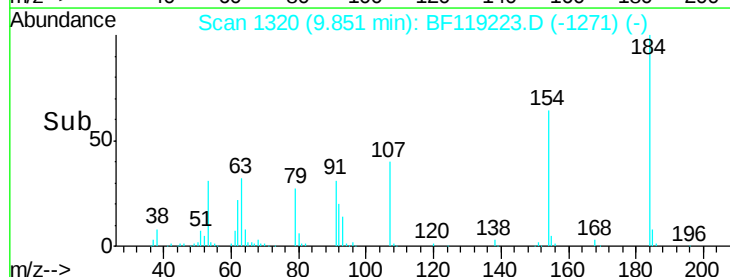
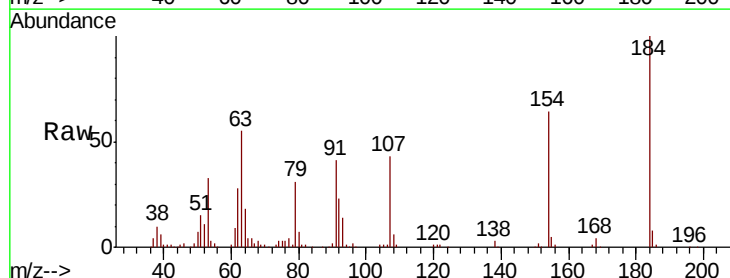
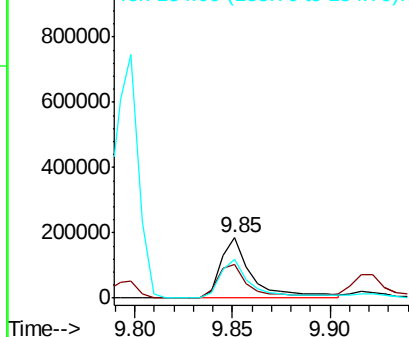
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	38.7	58.1
154	64.0	49.7	74.5

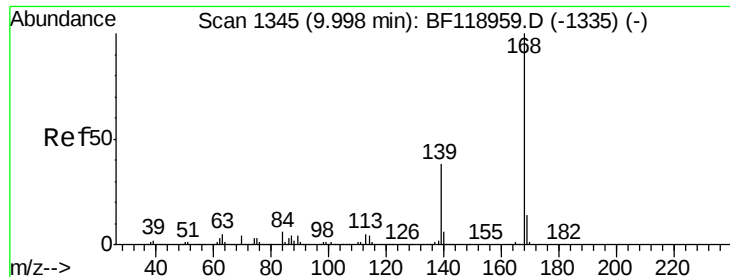
Abundance

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





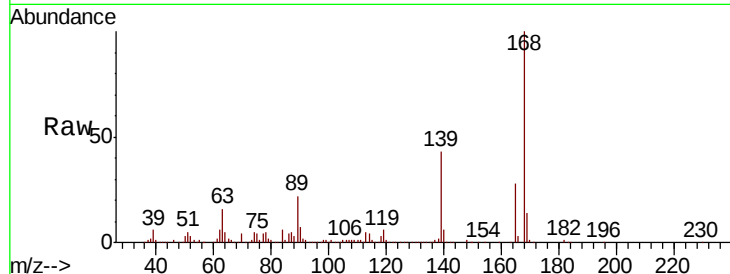
#55
Dibenzenofuran
Concen: 38.008 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	34.0	51.0
169	13.8	11.0	16.4

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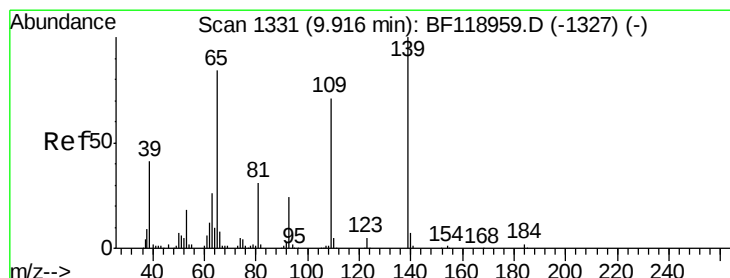
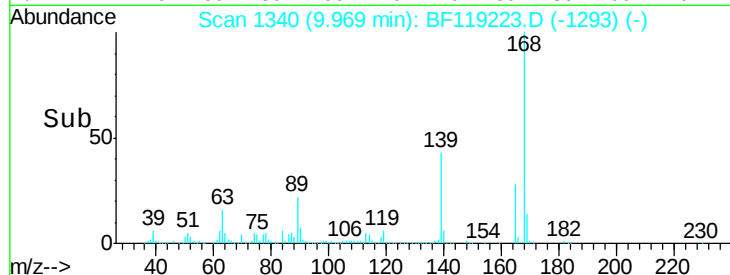
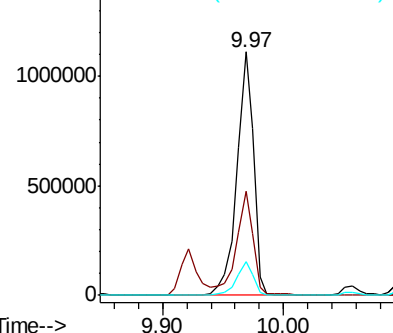


Abundance

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: 55.063 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

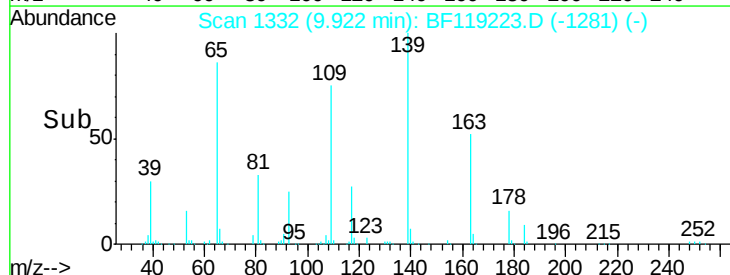
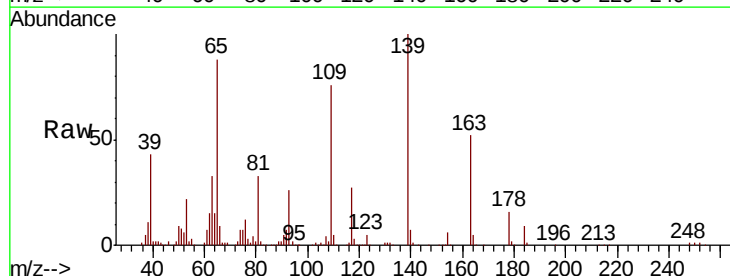
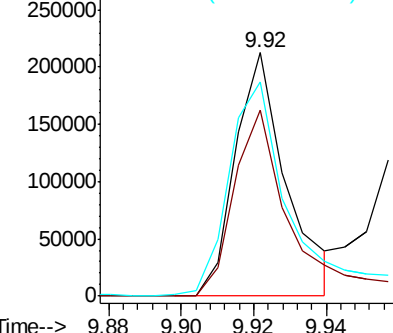
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.3	56.7	96.7
65	88.0	65.0	105.0

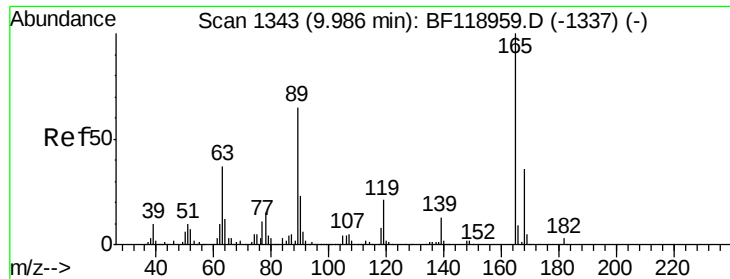
Abundance

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





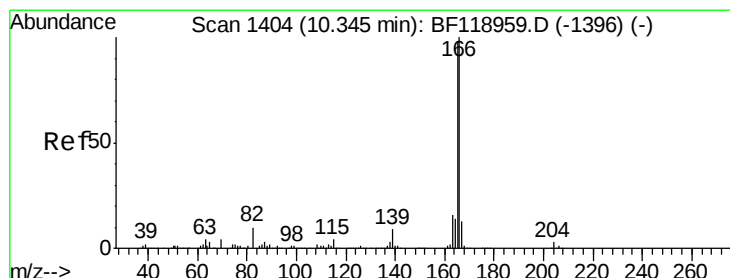
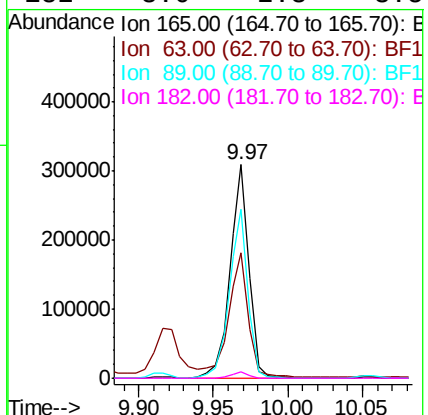
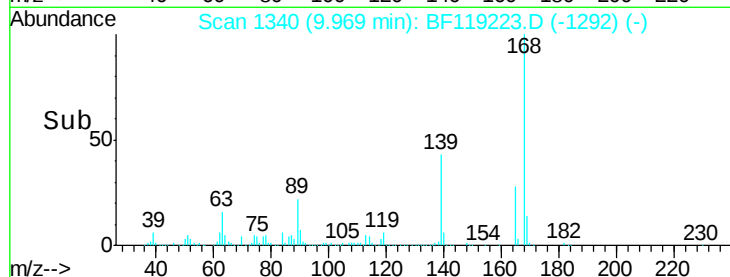
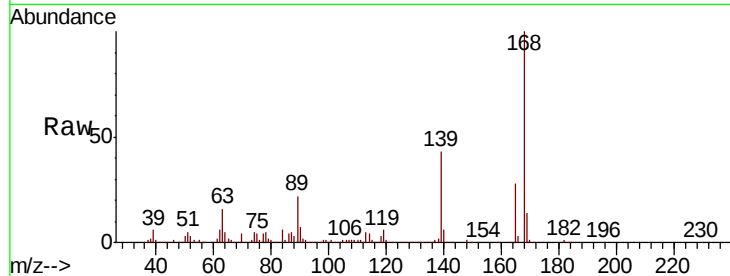
#57
2,4-Dinitrotoluene
Concen: 37.728 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	276519		
63	58.6	42.3	63.5	
89	78.8	60.2	90.4	
182	3.0	2.3	3.5	

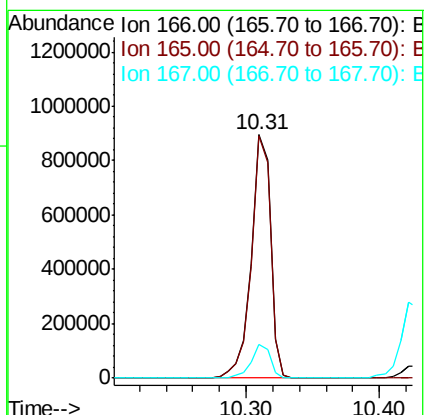
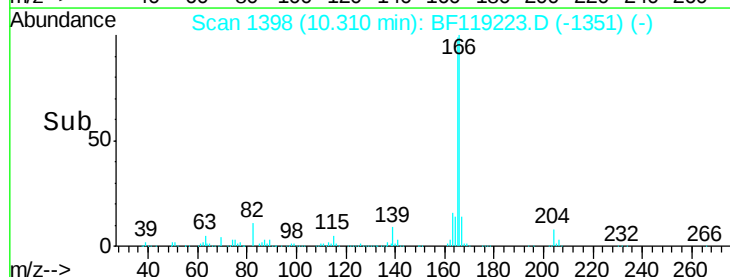
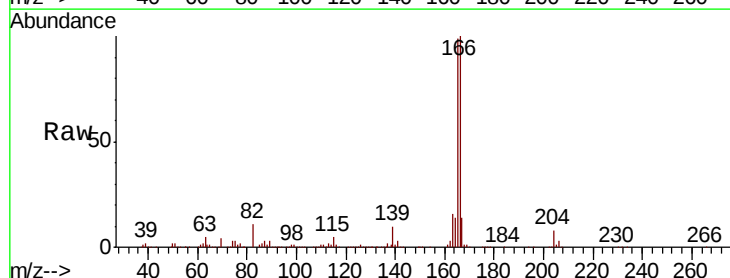
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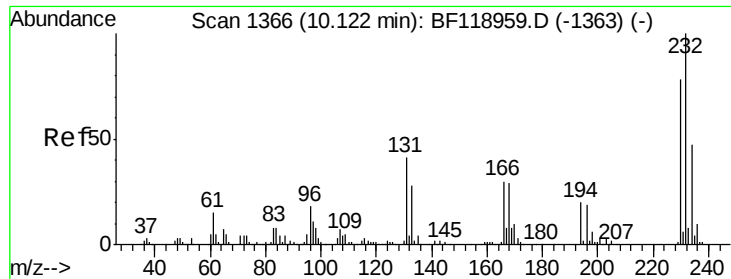
mohammad
3/9/2020 8:27:40 AM



#58
Fluorene
Concen: 40.271 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	881756		
165	99.4	78.5	117.7	
167	13.6	11.0	16.4	





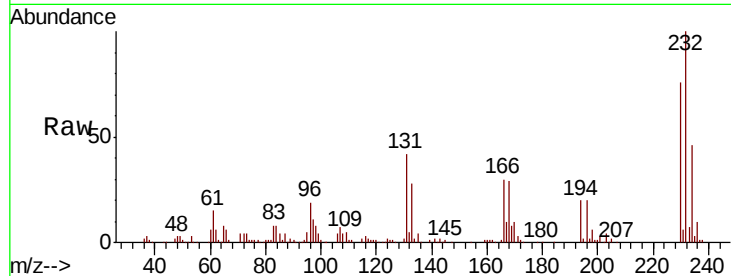
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.506 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

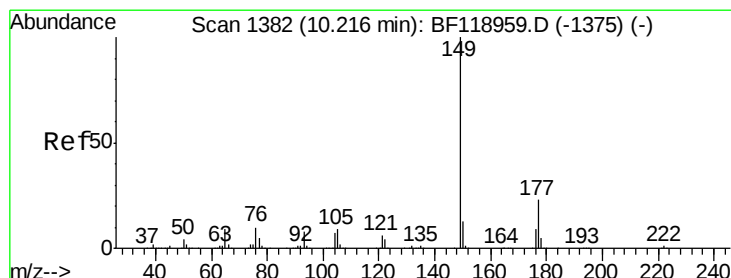
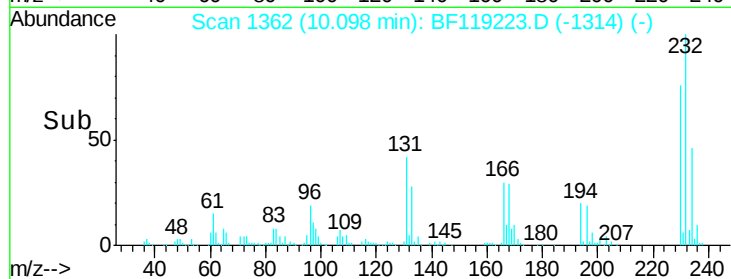
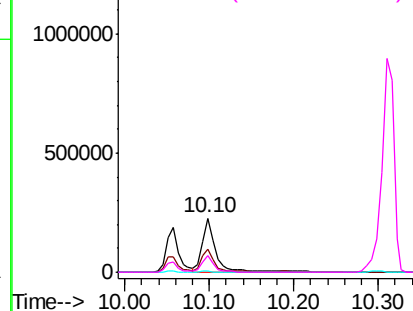
Tot Ion	Ratio	Resp	Lower	Upper
232	100	241608		
131	40.6		33.8	50.8
130	2.4		1.8	2.6
166	27.8		23.0	34.4

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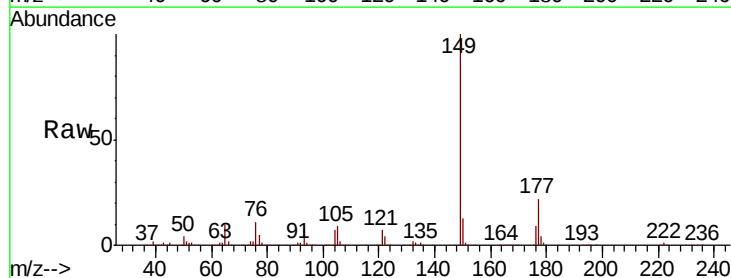


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

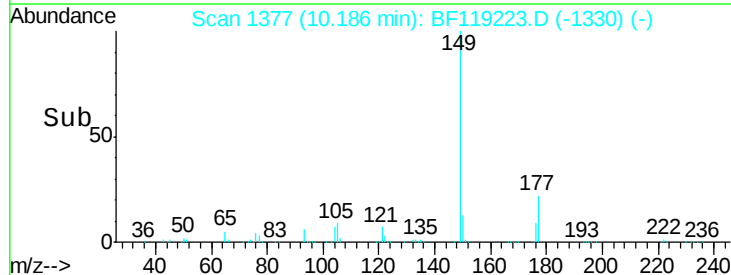
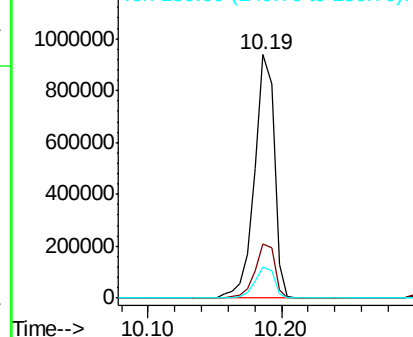


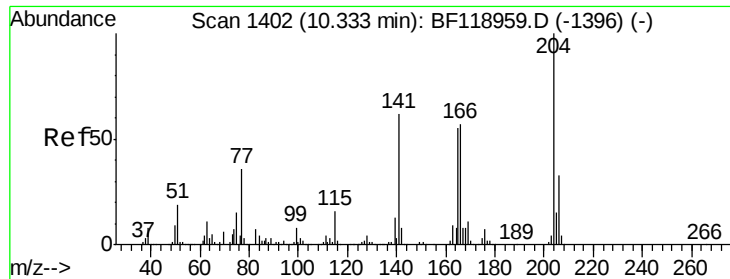
#60
Diethylphthalate
Concen: 39.342 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	943595		
177	22.0		18.2	27.2
150	12.9		10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





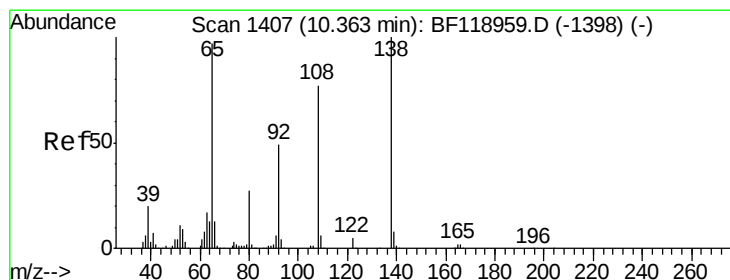
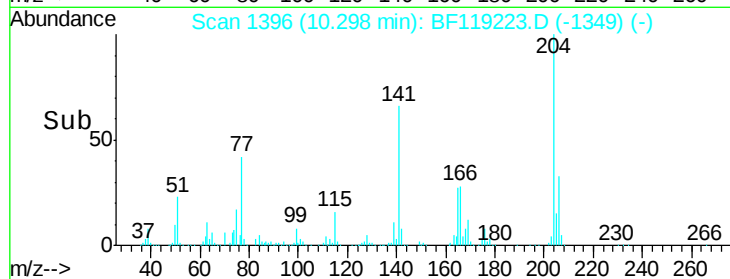
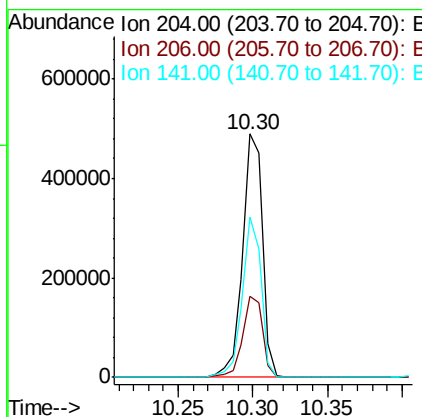
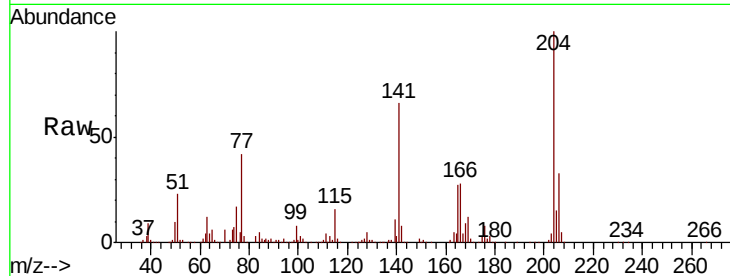
#61
4-Chlorophenyl-phenylether
Concen: 39.134 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	66.0	52.9	79.3

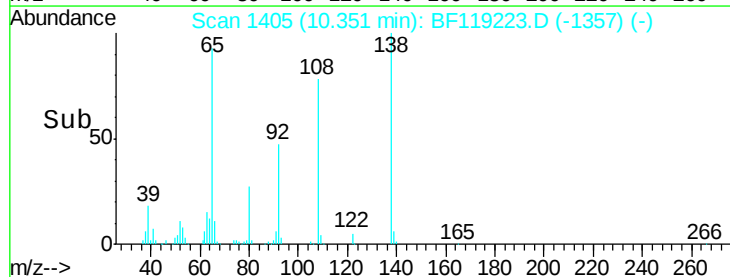
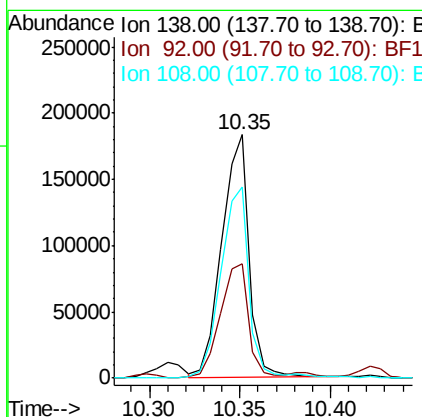
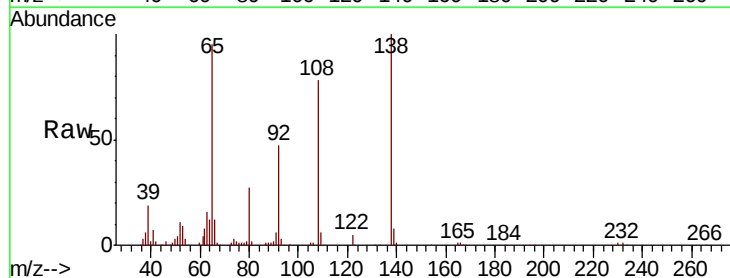
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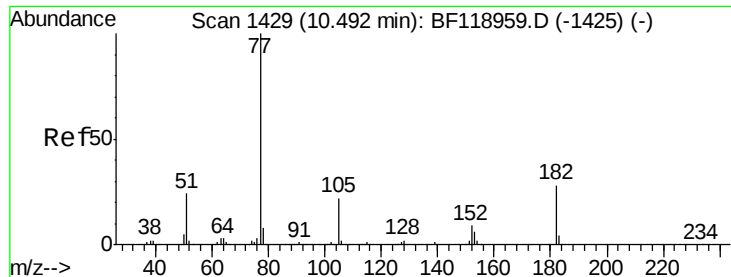
mohammad
3/9/2020 8:27:40 AM



#62
4-Nitroaniline
Concen: 29.705 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	27.3	67.3
108	78.4	57.0	97.0





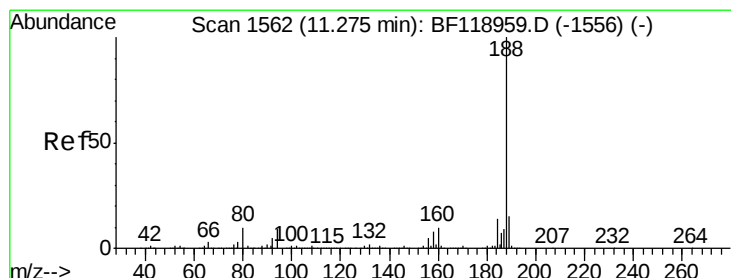
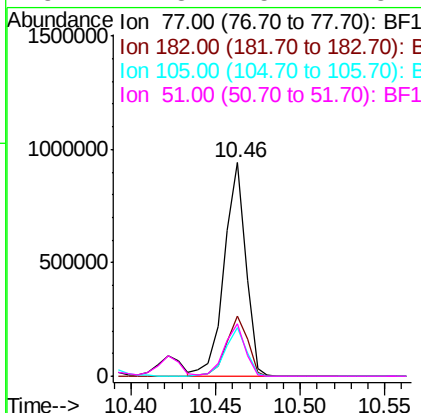
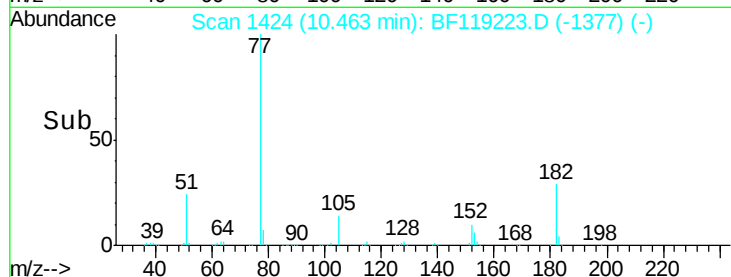
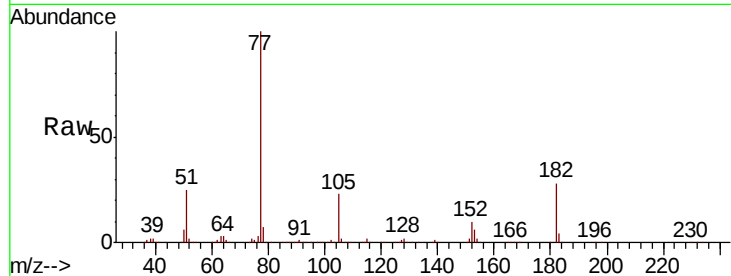
#63
Azobenzene
Concen: 39.805 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	11.4	51.4
105	22.5	3.4	43.4
51	24.8	5.1	45.1

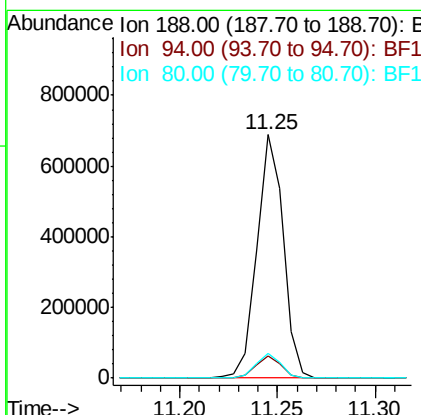
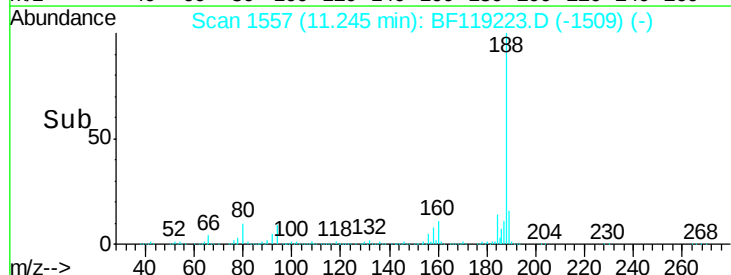
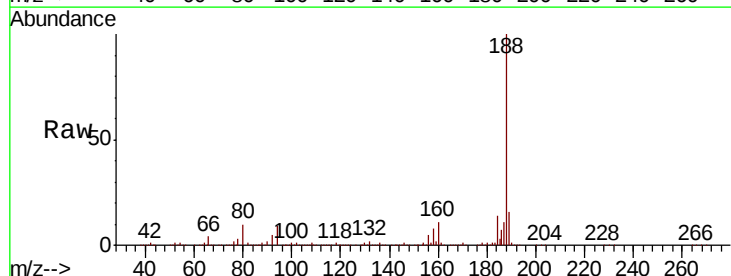
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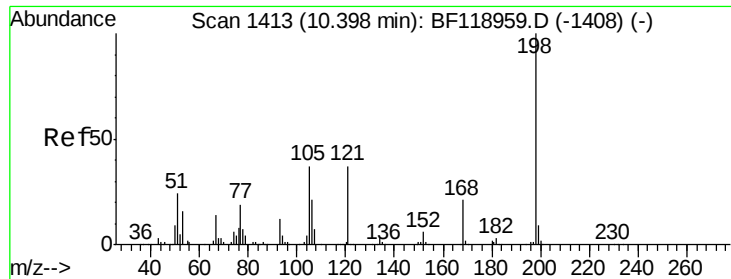
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	10.1	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 41.496 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

PB127261BS

Tot Ion:198 Resp: 161633

Ion Ratio Lower Upper

198 100

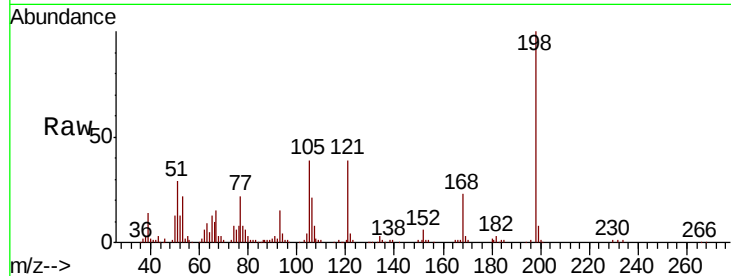
51 29.5 14.2 54.2

105 39.4 22.7 62.7

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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

300000

250000

200000

150000

100000

50000

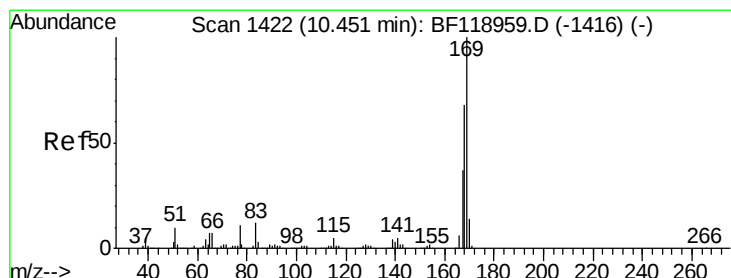
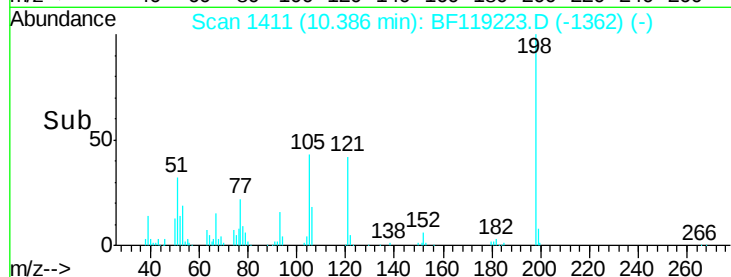
0

10.30

10.40

10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 37.347 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

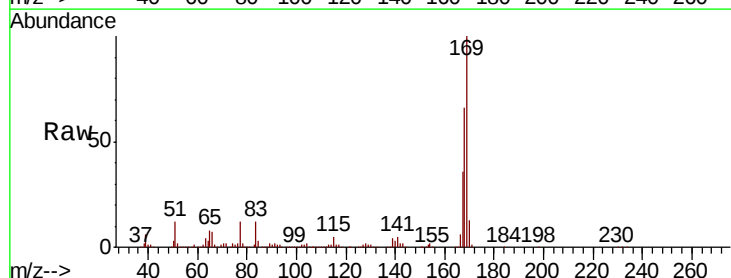
Tgt Ion:169 Resp: 787162

Ion Ratio Lower Upper

169 100

168 66.3 54.1 81.1

167 36.2 29.4 44.0



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

1000000

800000

600000

400000

200000

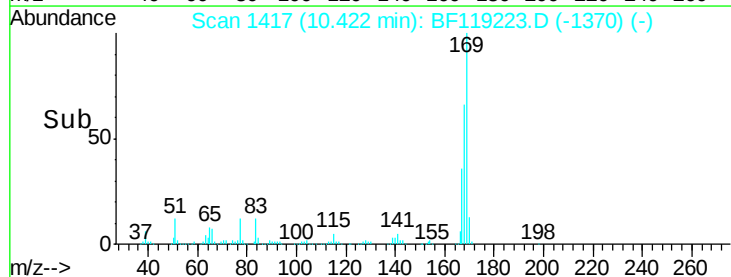
0

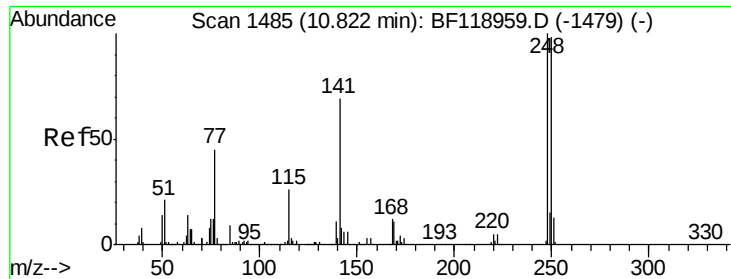
10.30

10.40

10.50

Time-->





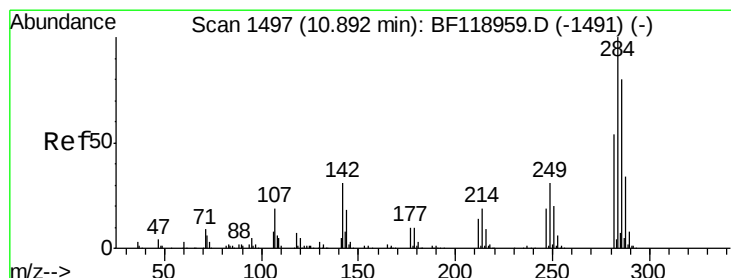
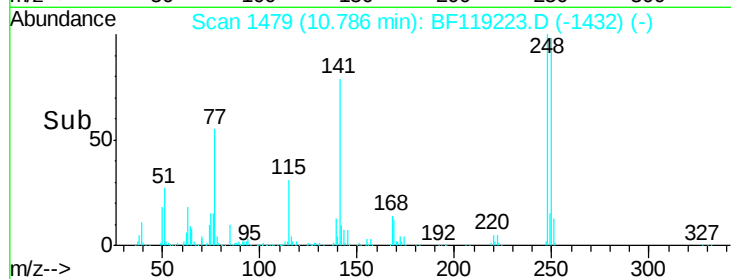
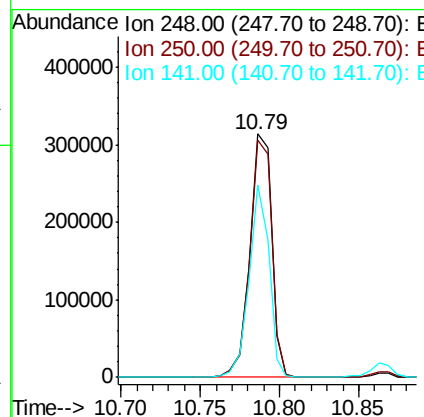
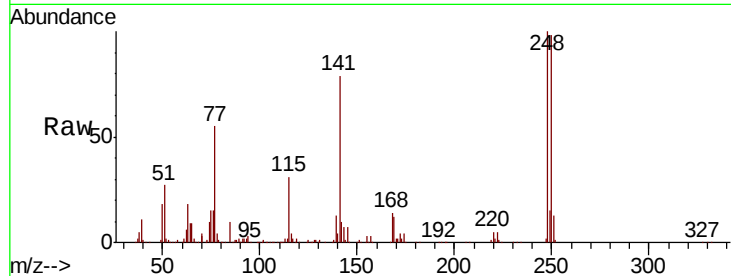
#67
 4-Bromophenyl-phenylether
 Concen: 35.726 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.7	115.1
141	79.0	60.7	91.1

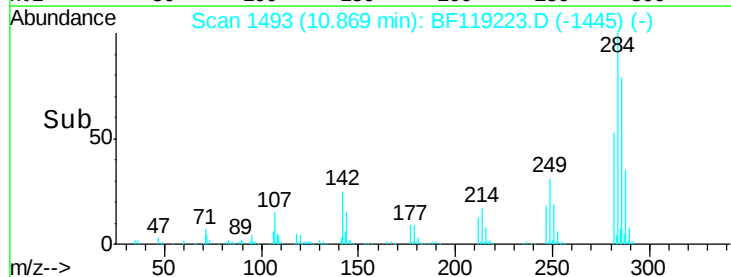
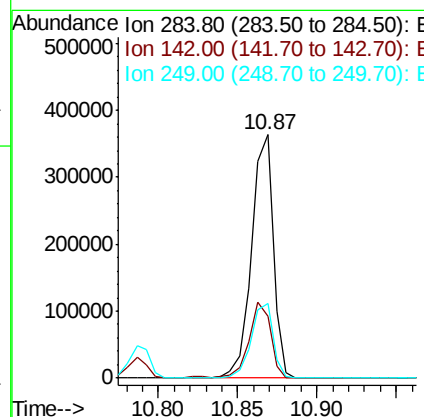
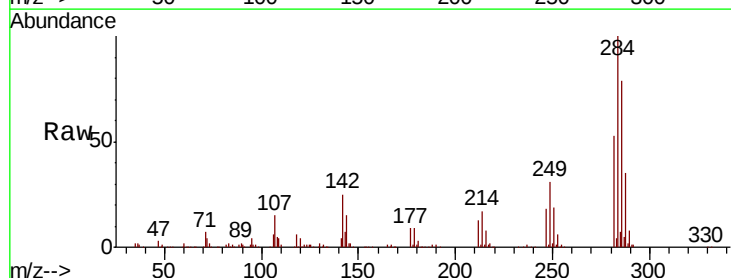
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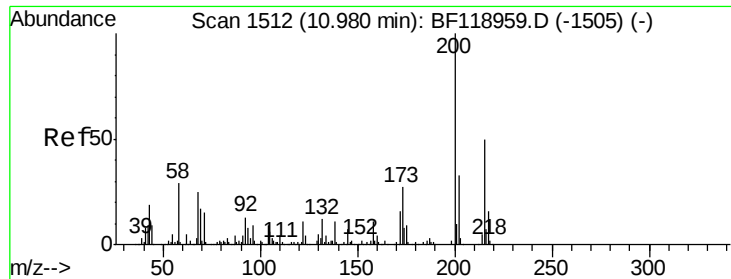
mohammad
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#68
 Hexachlorobenzene
 Concen: 35.656 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	23.7	35.5
249	30.5	25.0	37.6





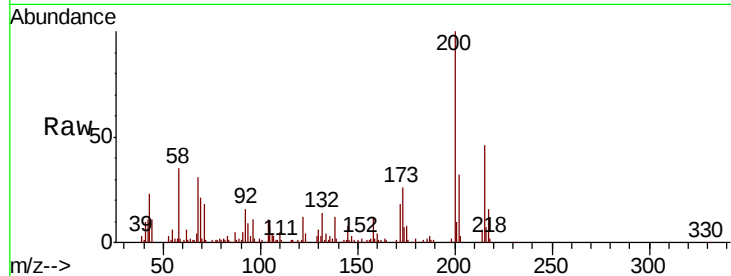
#69
Atrazine
Concen: 11.334 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.4	46.4
215	46.4	27.4	67.4

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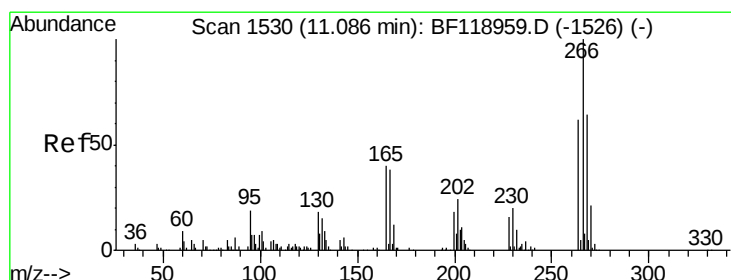
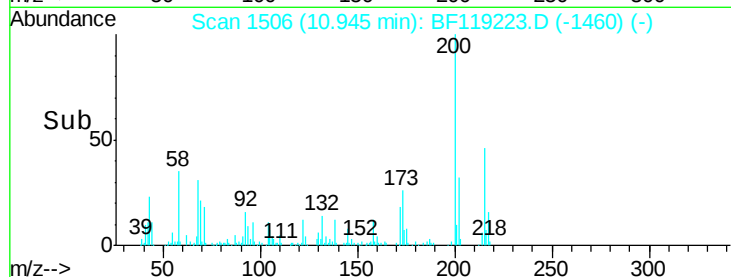
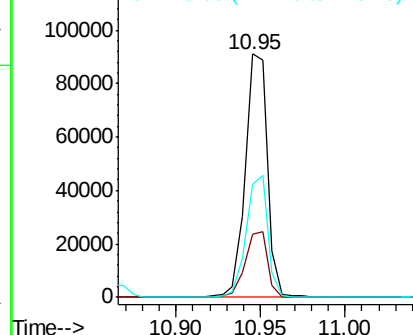


Abundance

Ion 200.00 (199.70 to 200.70): E

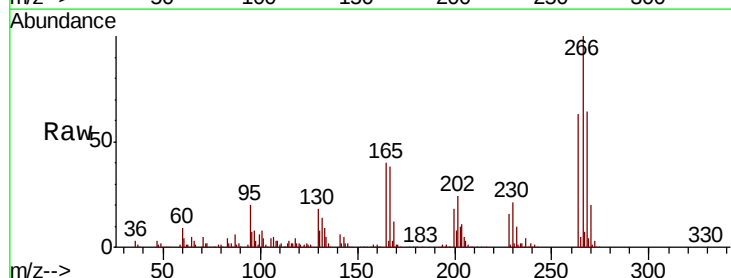
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 100.354 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.9	77.9
264	62.7	51.0	76.4

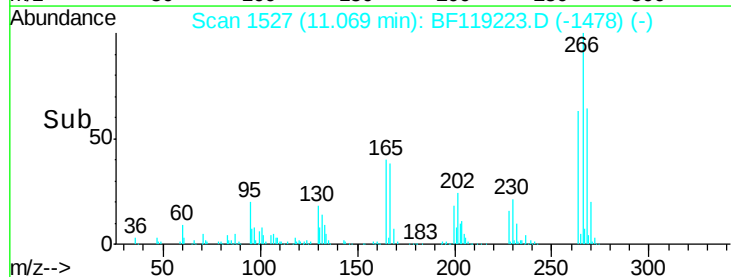
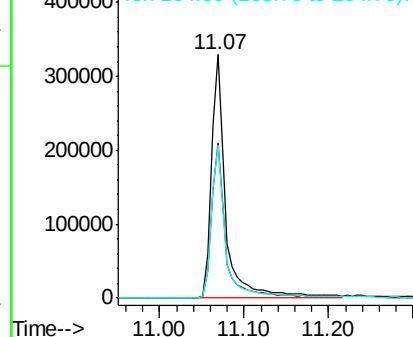


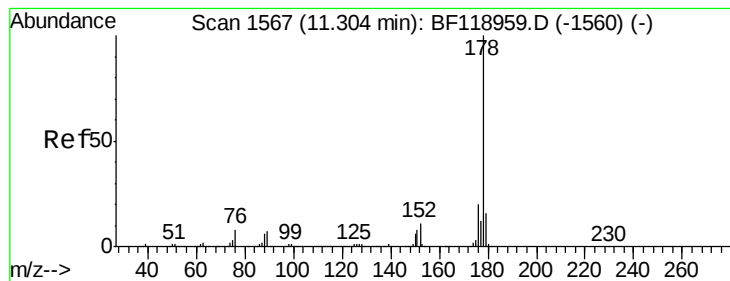
Abundance

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: 37.170 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

ClientSampleId :

PB127261BS

Tot Ion:178 Resp: 1304828

Ion Ratio Lower Upper

178 100

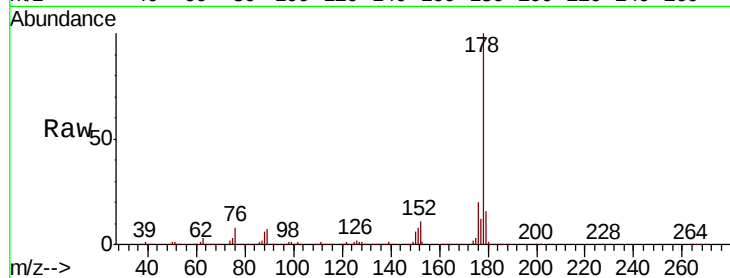
176 19.5 16.5 24.7

179 15.6 13.0 19.6

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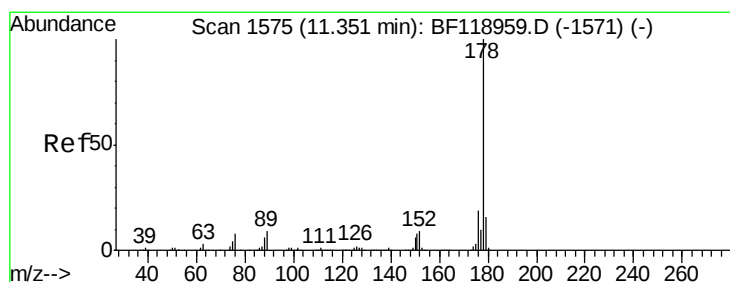
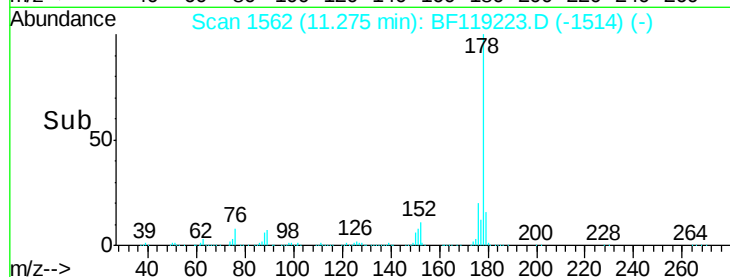
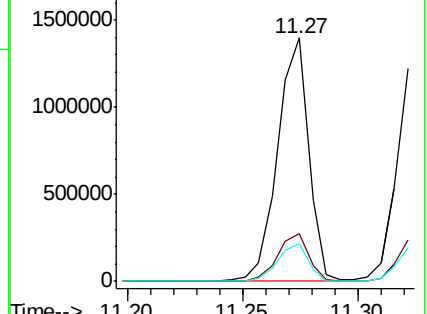
3/9/2020 8:27:40 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.374 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:178 Resp: 1275830

Ion Ratio Lower Upper

178 100

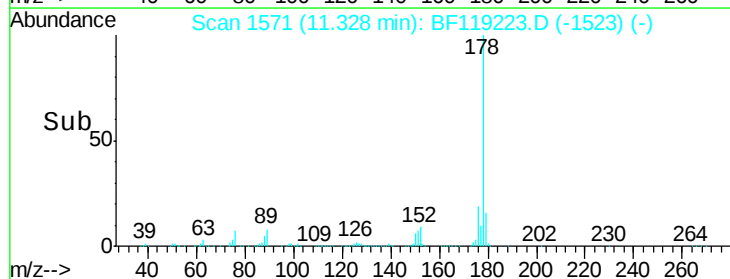
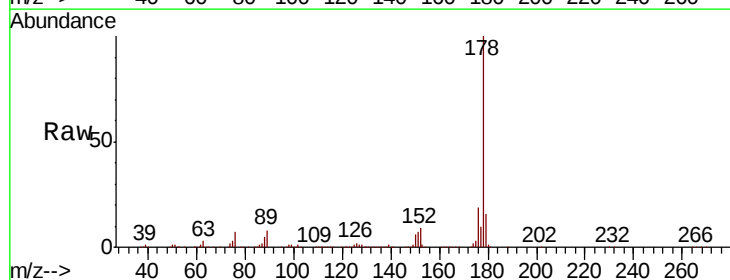
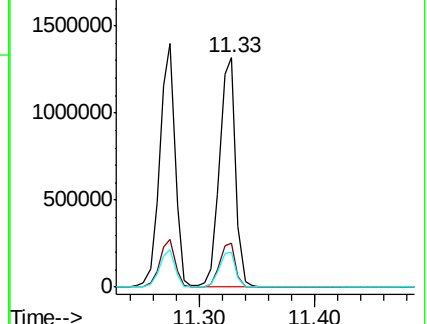
176 19.1 16.0 24.0

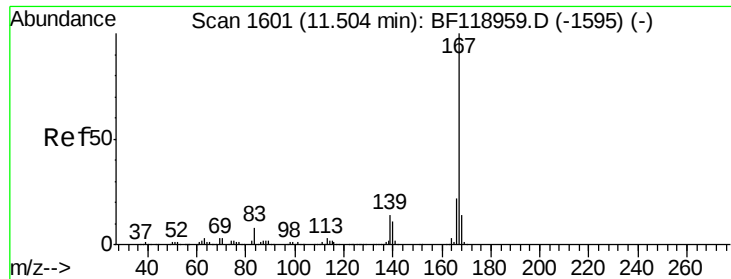
179 15.5 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





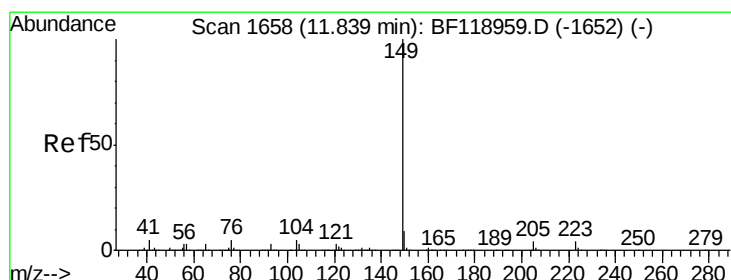
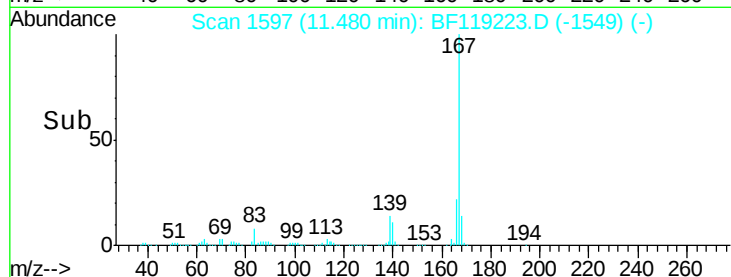
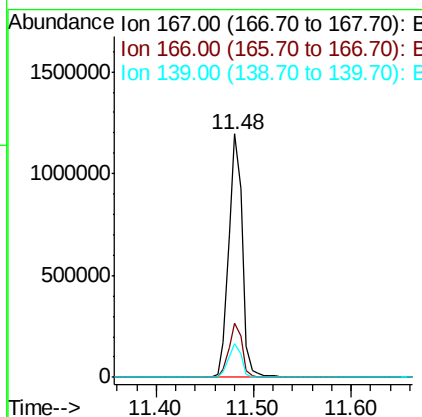
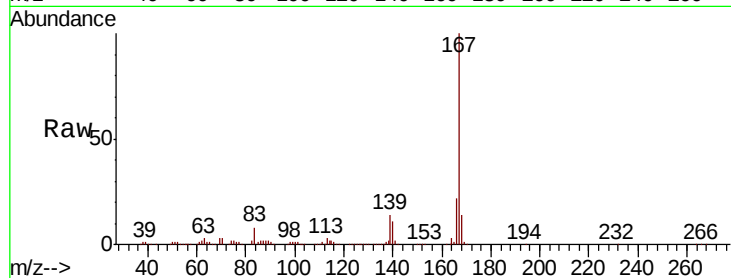
#73
 Carbazole
 Concen: 36.812 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.9	11.7	17.5

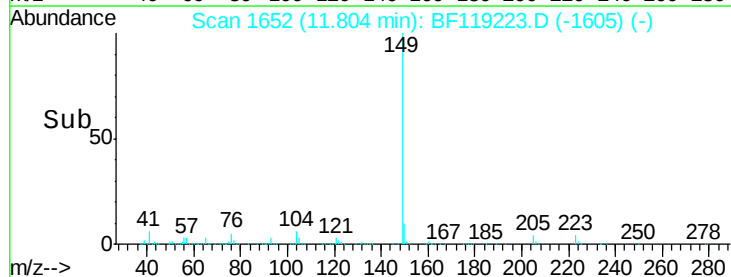
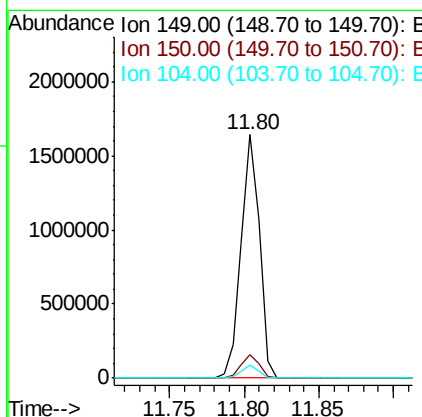
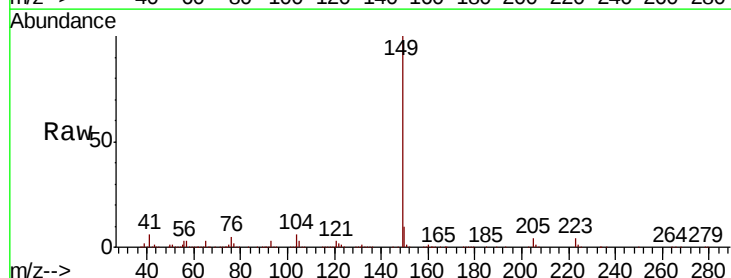
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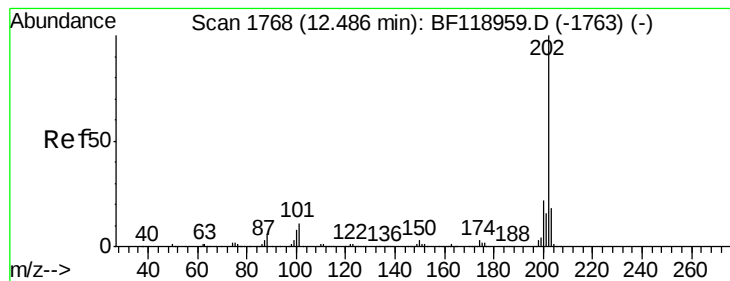
mohammad
 3/9/2020 8:27:40 AM



#74
 Di-n-butylphthalate
 Concen: 37.475 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.5	4.6	6.8





#75

Fluoranthene

Concen: 36.312 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

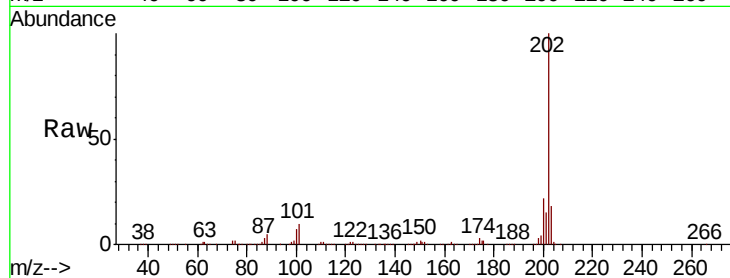
ClientSampleId :

PB127261BS

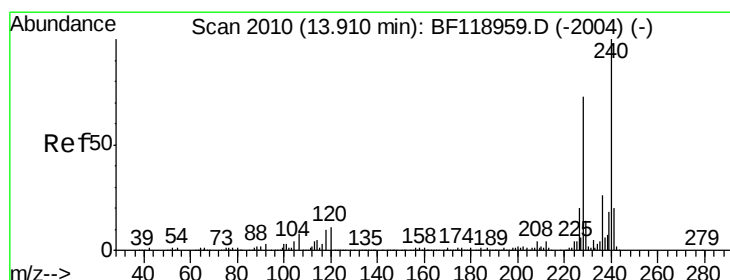
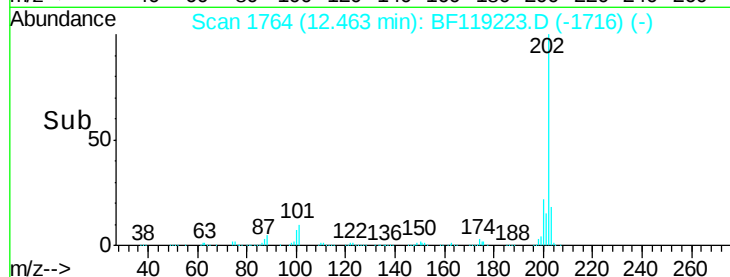
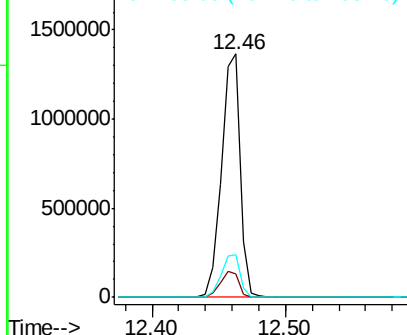
Tot Ion:	202	Resp:	1353081
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
203	17.7	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

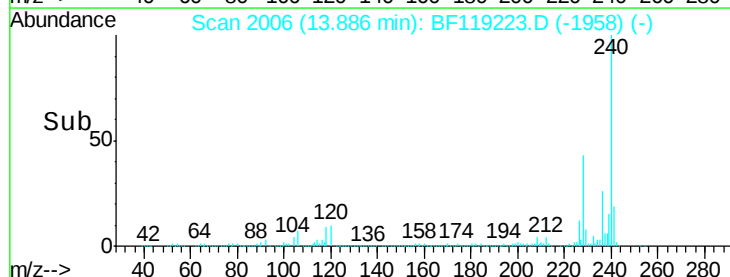
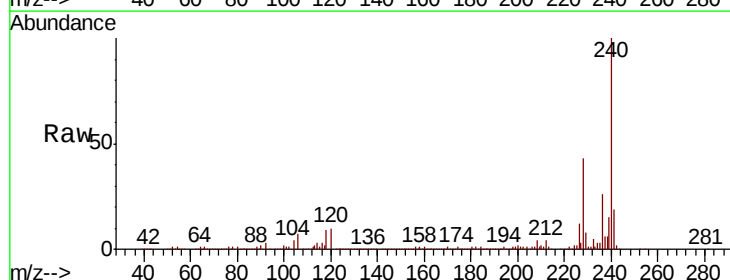
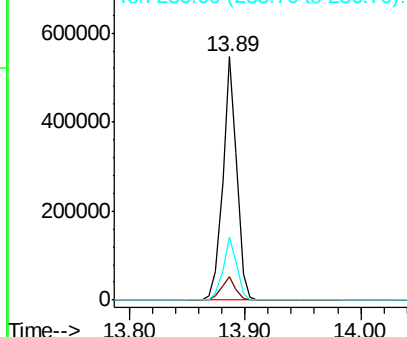
Delta R.T. -0.02 min

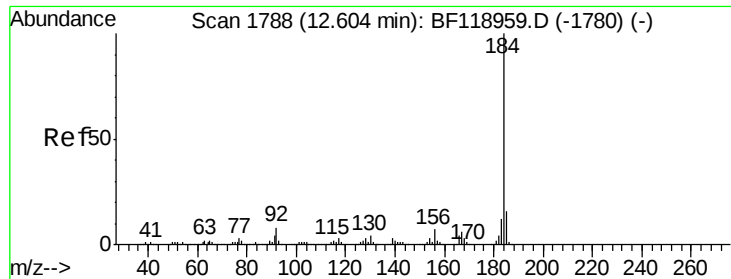
Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:	240	Resp:	455948
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.4	12.6
236	26.0	21.0	31.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.991 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

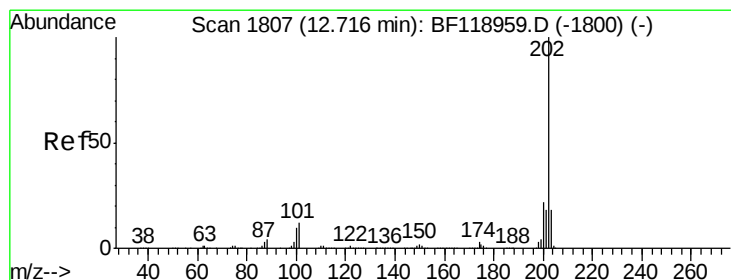
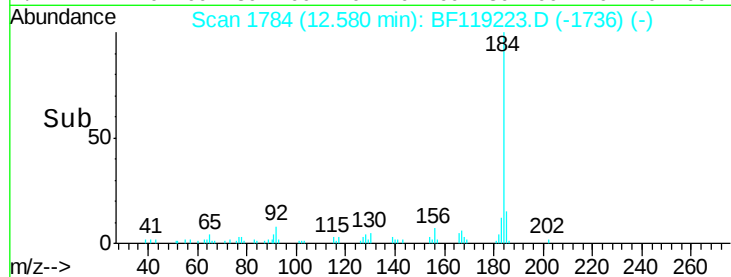
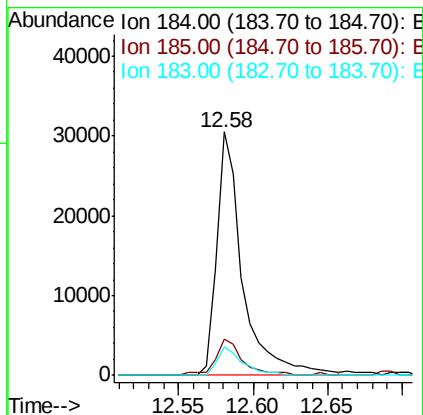
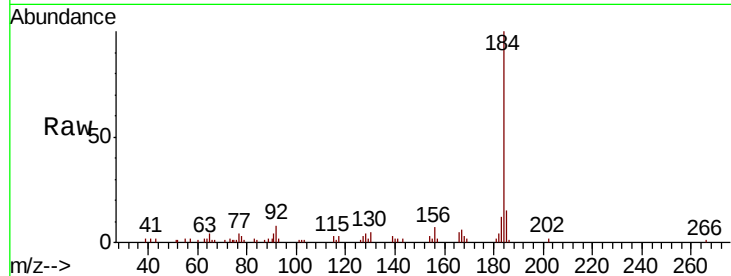
ClientSampleId :

PB127261BS

Tot Ion:	184	Resp:	36913
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.4
183	11.8	9.9	14.9

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#78

Pyrene

Concen: 36.752 ng

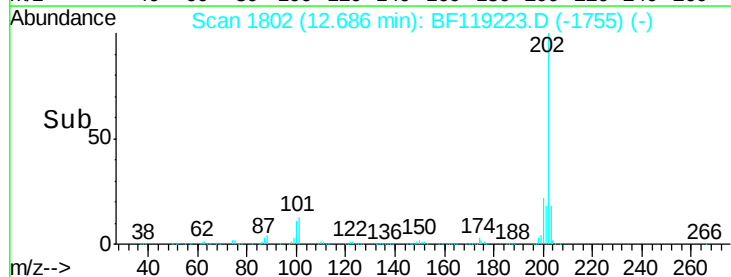
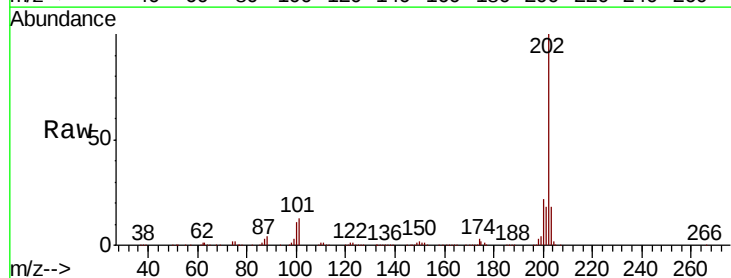
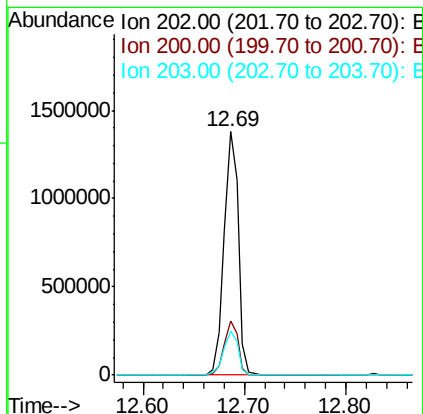
RT: 12.69 min Scan# 1802

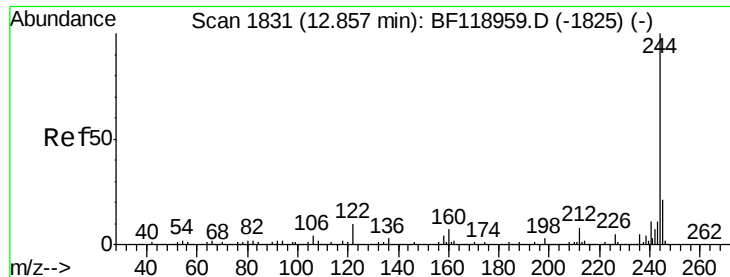
Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:	202	Resp:	1345578
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.0	27.0
203	18.2	14.6	22.0





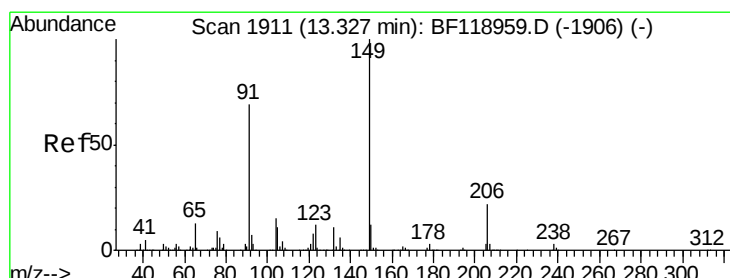
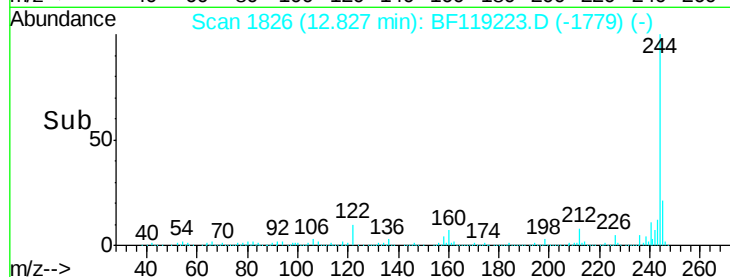
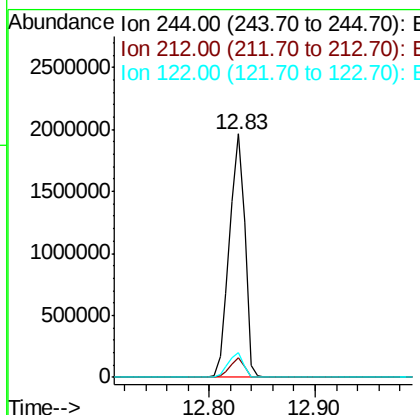
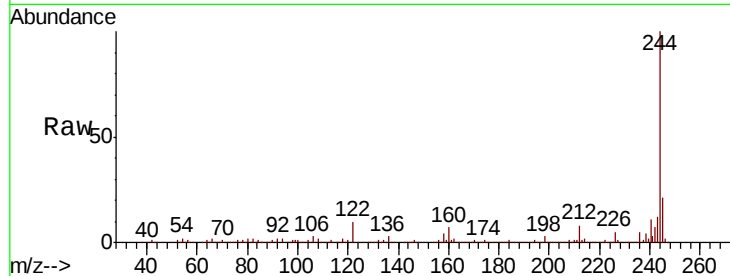
#79
 Terphenyl-d14
 Concen: 75.043 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleID :
 PB127261BS

Tot Ion:244 Resp: 1987357
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 10.0
 122 10.2 8.2 12.2

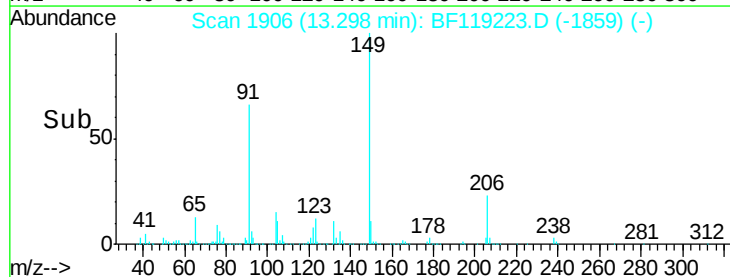
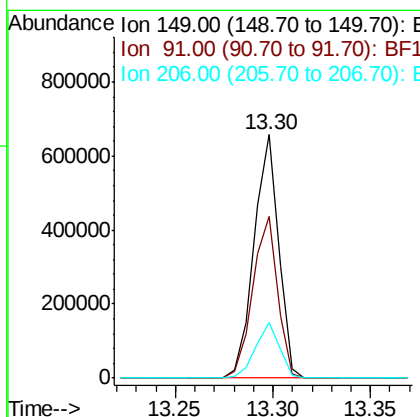
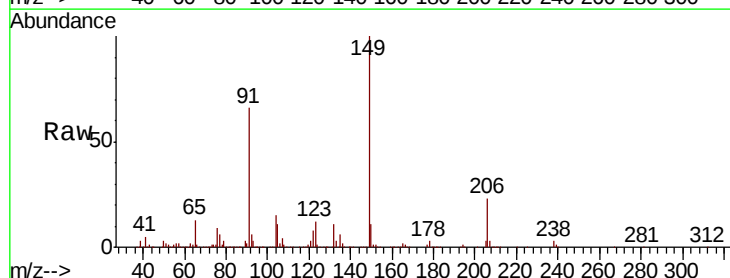
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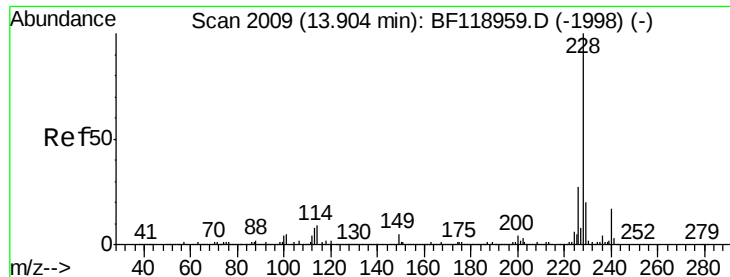
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#80
 Butylbenzylphthalate
 Concen: 37.266 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion:149 Resp: 574233
 Ion Ratio Lower Upper
 149 100
 91 66.2 52.3 78.5
 206 22.5 18.5 27.7





#81

Benzo(a)anthracene

Concen: 33.944 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

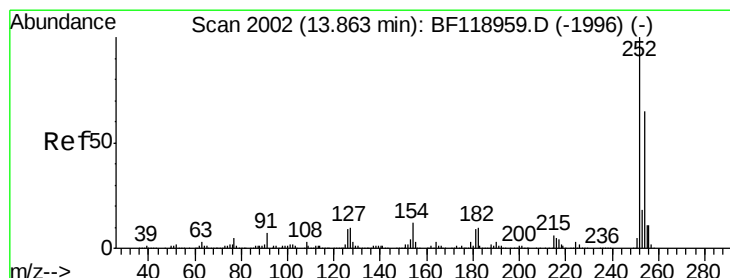
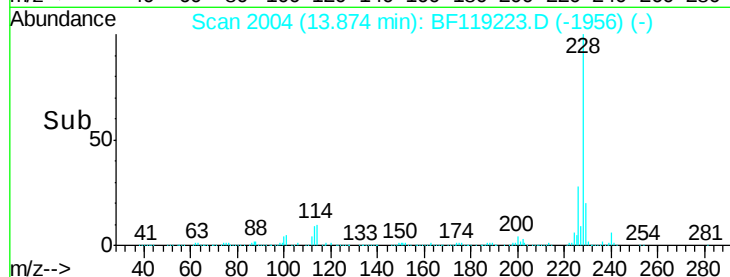
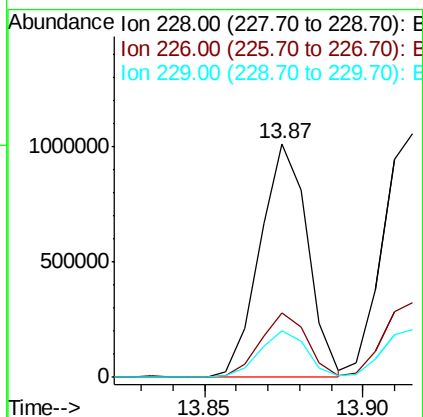
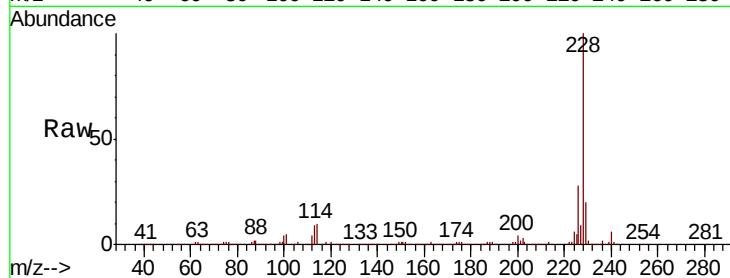
ClientSampleId :

PB127261BS

Tot Ion:	228	Resp:	1054533
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.0	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 21.605 ng

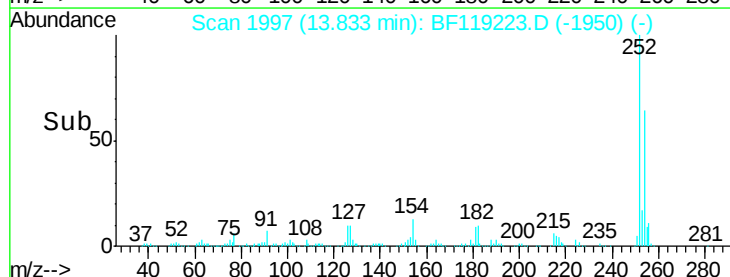
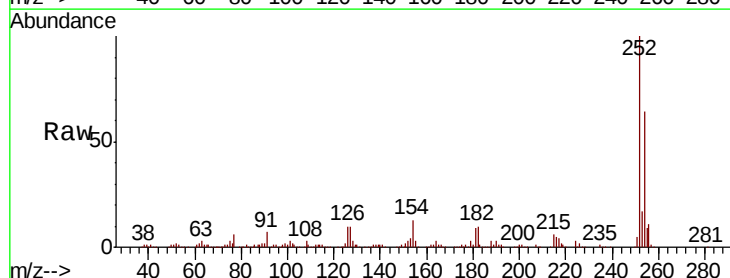
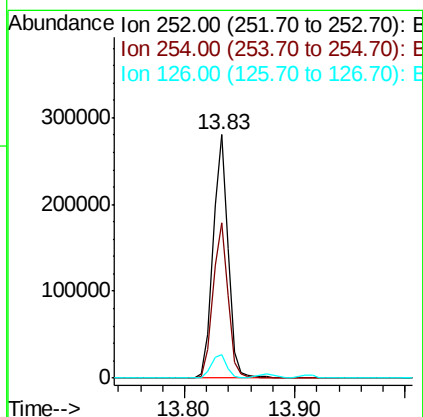
RT: 13.83 min Scan# 1997

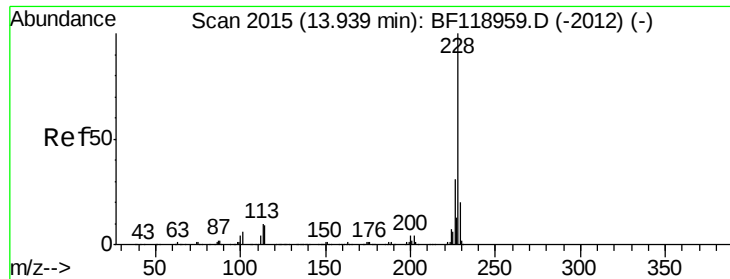
Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Tgt Ion:	252	Resp:	260626
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.6	77.4
126	9.7	7.4	11.0





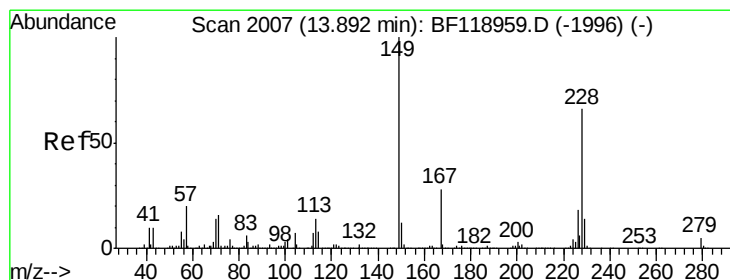
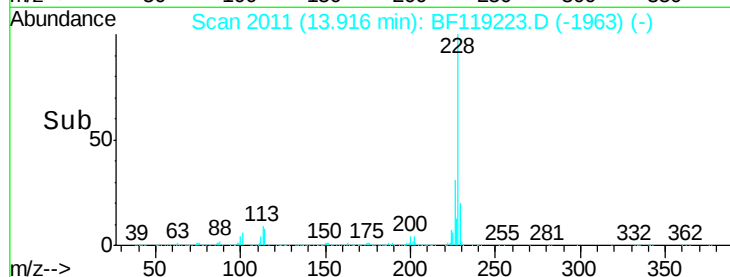
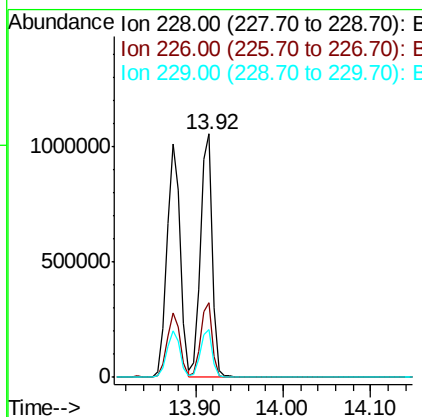
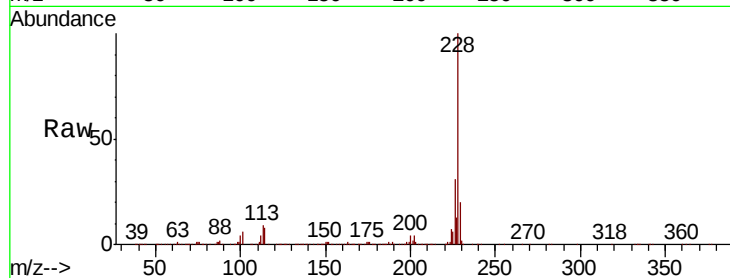
#83
 Chrvsene
 Concen: 32.004 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB127261BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	19.7	16.3	24.5

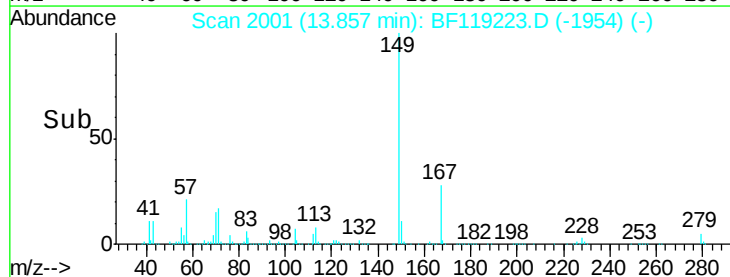
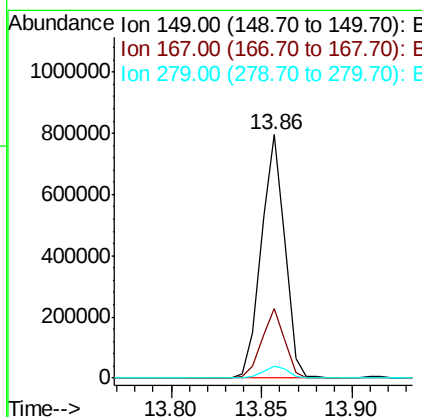
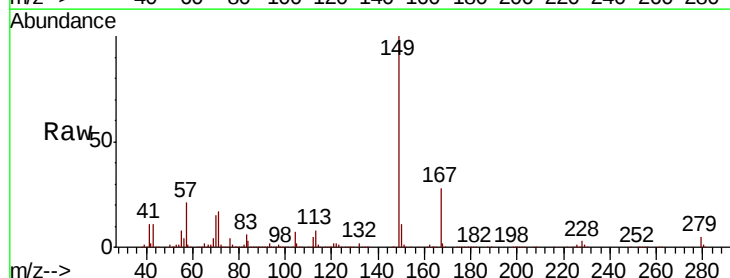
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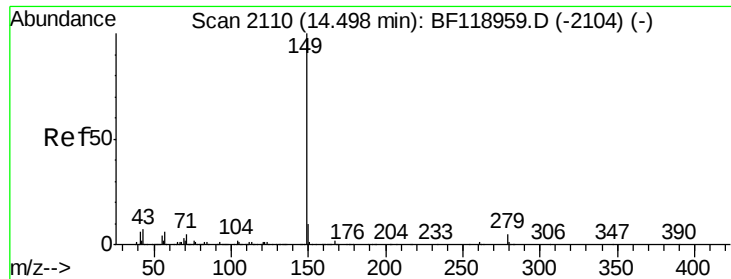
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.939 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119223.D
 Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.2	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 32.370 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119223.D

Acq: 5 Mar 2020 20:33

Instrument :

BNA_F

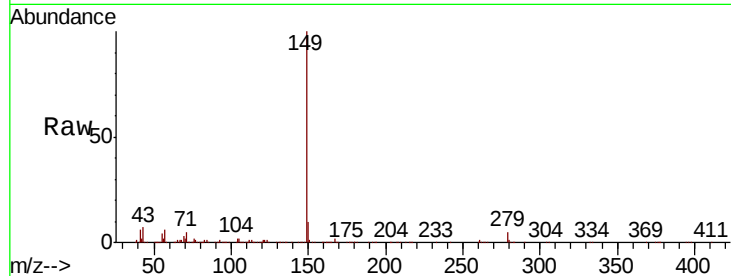
ClientSampleId :

PB127261BS

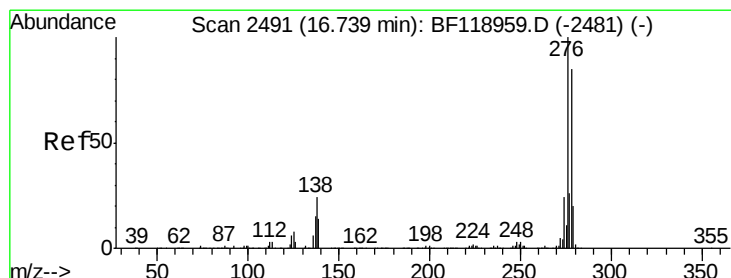
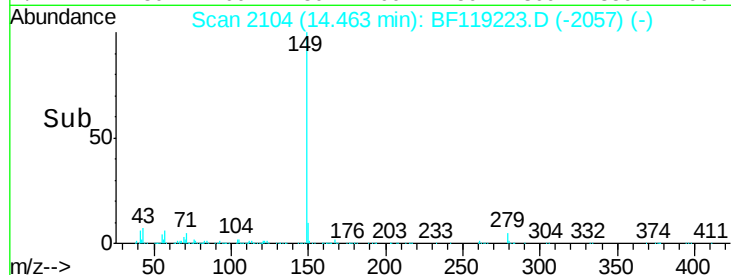
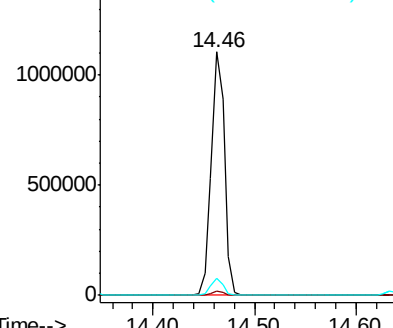
Tot Ion:	149	Resp:	1004011
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.7	5.7	8.5

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
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: 30.503 ng

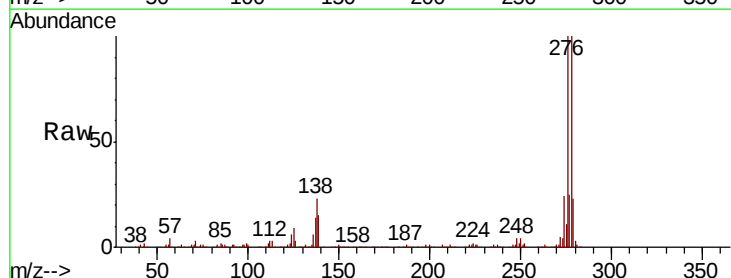
RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

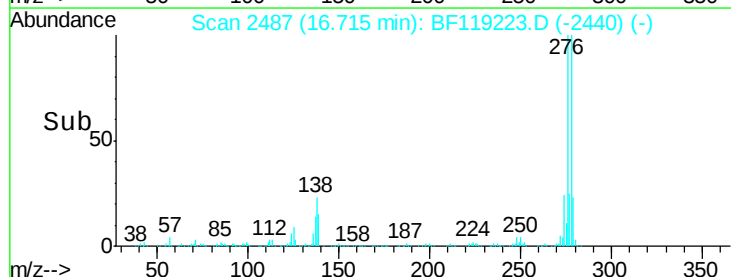
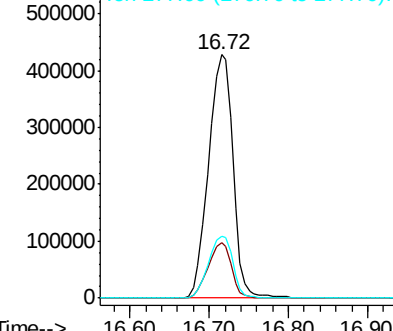
Lab File: BF119223.D

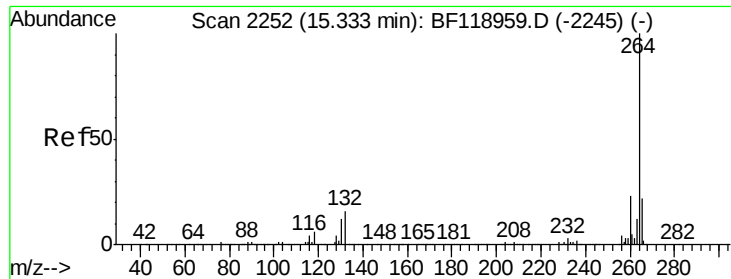
Acq: 5 Mar 2020 20:33

Tgt Ion:	276	Resp:	914263
Ion Ratio	Lower	Upper	
276	100		
138	21.9	17.4	26.0
277	25.7	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





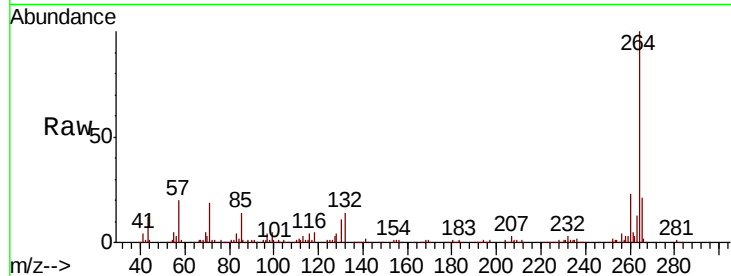
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	20.9	17.7	26.5

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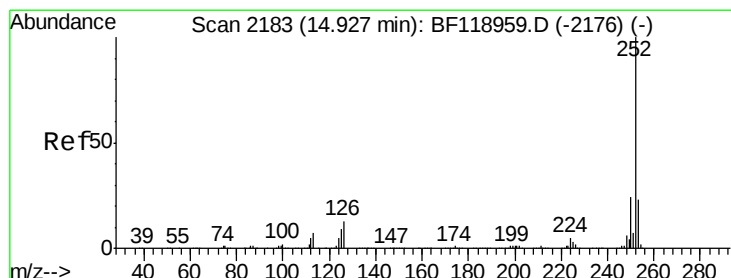
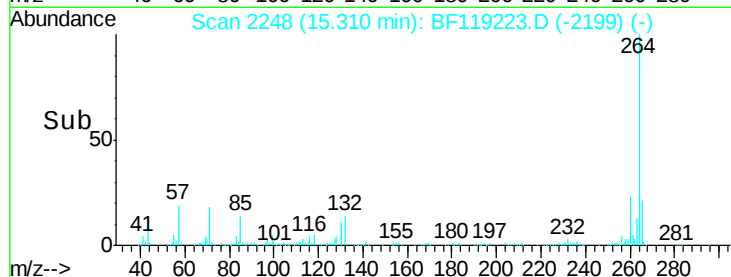
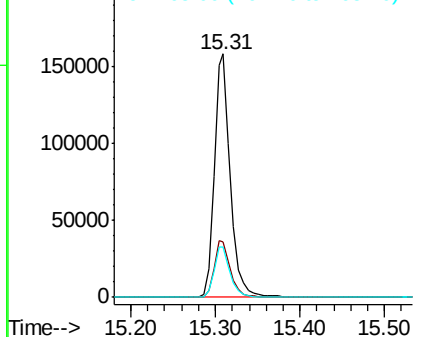


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 58.145 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

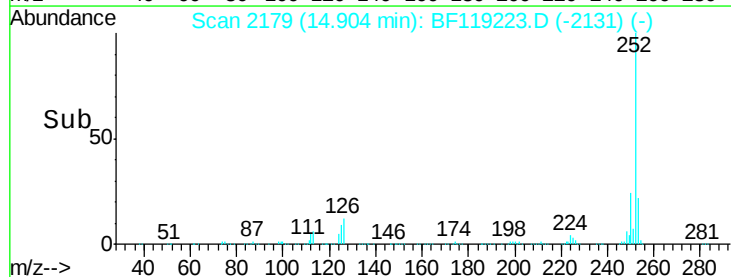
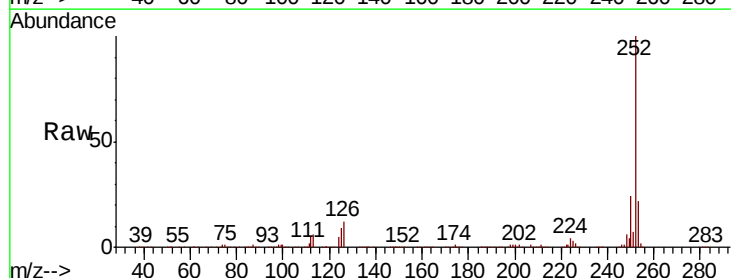
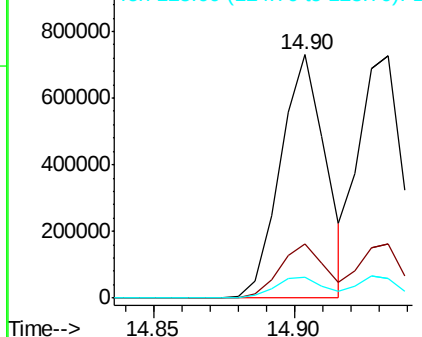
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	8.8	7.4	11.0

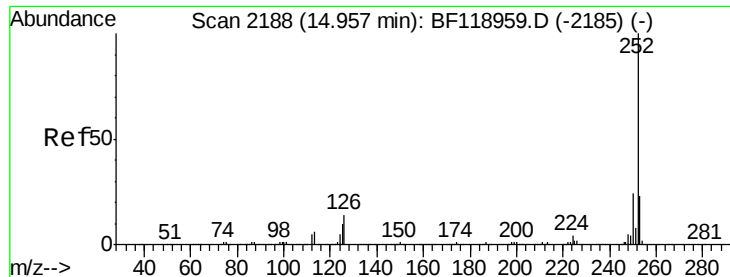
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





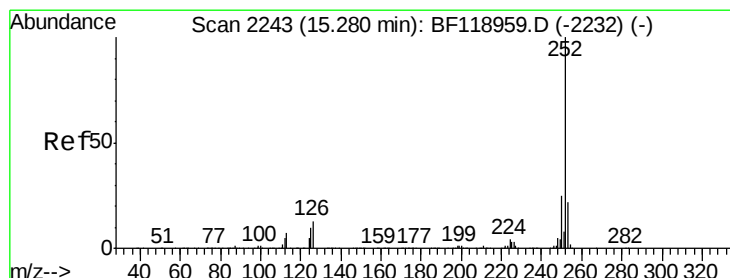
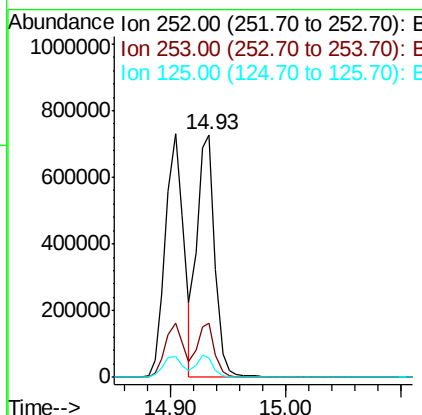
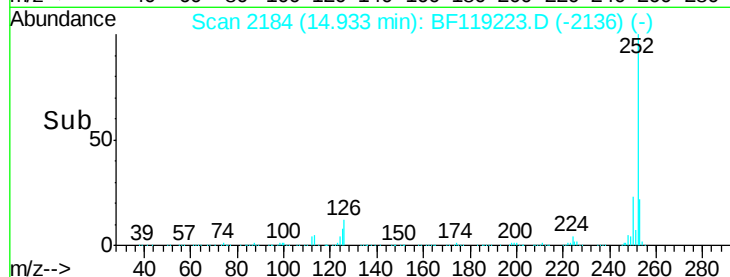
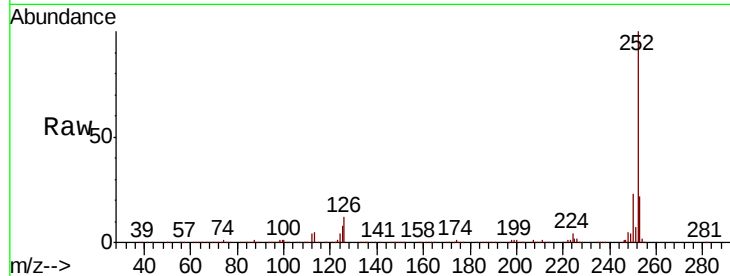
#89
Benzo(k)fluoranthene
Concen: 61.009 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.0	7.5	11.3

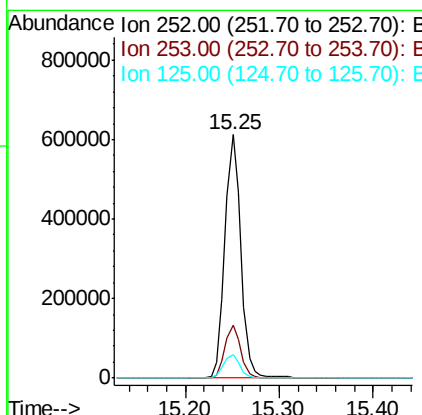
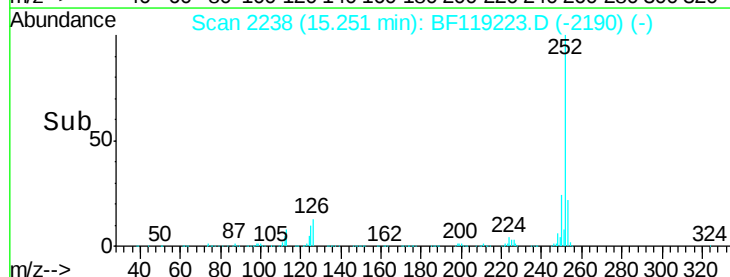
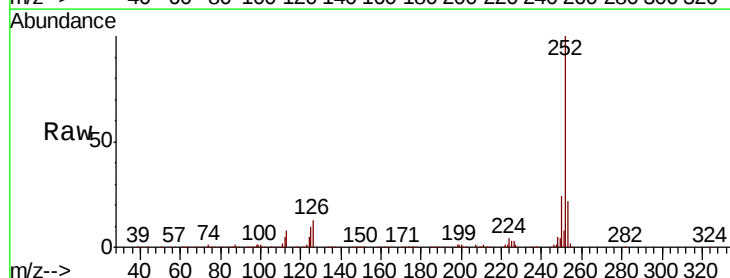
Manual Integrations
APPROVED

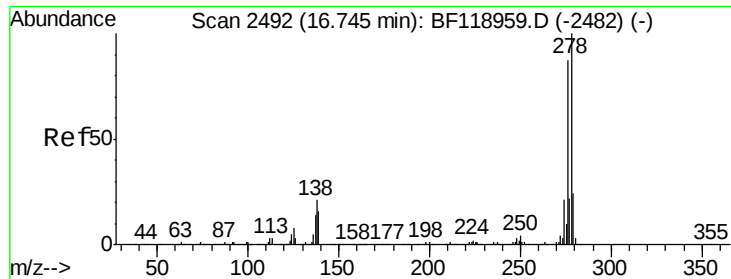
mohammad
3/9/2020 8:27:40 AM



#90
Benzo(a)pyrene
Concen: 57.719 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.8	8.6	12.8





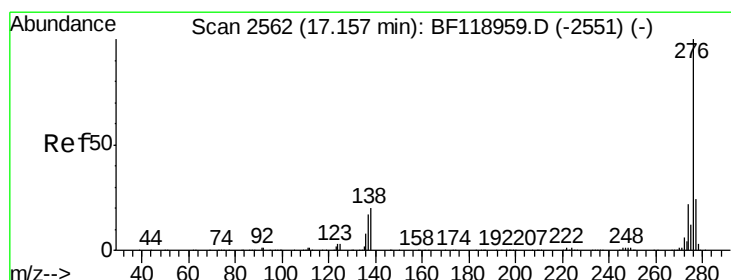
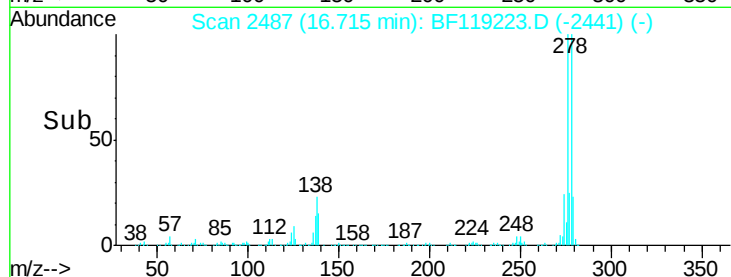
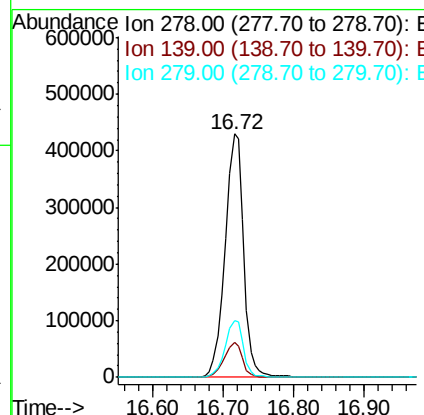
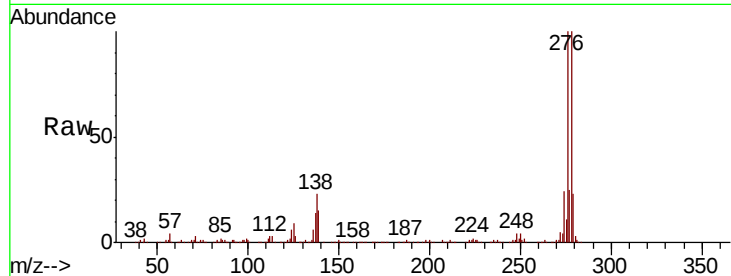
#91
Dibenzo(a,h)anthracene
Concen: 70.873 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.03 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Instrument :
BNA_F
ClientSampleId :
PB127261BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.0	16.4
279	23.1	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/9/2020 8:27:40 AM



#92
Benzo(g,h,i)perylene
Concen: 72.341 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.02 min
Lab File: BF119223.D
Acq: 5 Mar 2020 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	18.3	14.3	21.5

