

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120259.D
 Acq On : 1 May 2020 15:39
 Operator : MA/SJ
 Sample : PB128596BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Manual Integrations
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Quant Time: May 01 16:19:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 16:17:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	141583	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	536612	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	278127	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	552579	20.00	ng	0.00
76) Chrysene-d12	13.82	240	417542	20.00	ng	0.00
87) Perylene-d12	15.22	264	371184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1041140	127.08	ng	0.00
7) Phenol-d6	6.31	99	1289164	122.12	ng	0.00
23) Nitrobenzene-d5	7.22	82	812758	78.36	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	362204	106.37	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1613008	82.34	ng	0.00
79) Terphenyl-d14	12.77	244	1863874	75.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	128361	35.177	ng	98
3) Pyridine	2.97	79	313860	31.350	ng	98
4) n-Nitrosodimethylamine	2.93	42	201609	39.414	ng	97
6) Aniline	6.32	93	399406	28.826	ng	# 50
8) 2-Chlorophenol	6.44	128	397769	43.454	ng	99
9) Benzaldehyde	6.20	77	288799	49.535	ng	97
10) Phenol	6.32	94	498380	41.614	ng	90
11) bis(2-Chloroethyl)ether	6.39	93	378834	40.968	ng	99
12) 1,3-Dichlorobenzene	6.59	146	408584	40.771	ng	99
13) 1,4-Dichlorobenzene	6.67	146	415704	40.721	ng	99
14) 1,2-Dichlorobenzene	6.82	146	391150	41.576	ng	100
15) Benzyl Alcohol	6.80	79	331489	40.429	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	649663	36.104	ng	# 44
17) 2-Methylphenol	6.93	107	322220	39.444	ng	# 91
18) Hexachloroethane	7.16	117	155641	40.795	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	278104	40.968	ng	96
20) 3+4-Methylphenols	7.08	107	417535	41.791	ng	# 85
22) Acetophenone	7.07	105	556243	44.267	ng	99
24) Nitrobenzene	7.24	77	415008	39.773	ng	99
25) Isophorone	7.48	82	763098	38.164	ng	99
26) 2-Nitrophenol	7.56	139	218215	41.859	ng	92
27) 2,4-Dimethylphenol	7.61	122	349627	44.469	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	479141	40.722	ng	99
29) 2,4-Dichlorophenol	7.81	162	325281	40.362	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	359300	39.347	ng	98
31) Naphthalene	7.96	128	1153306	40.850	ng	98
32) Benzoic acid	7.75	122	241100	34.917	ng	98
33) 4-Chloroaniline	8.01	127	180675	14.700	ng	99
34) Hexachlorobutadiene	8.07	225	207109	37.889	ng	100
35) Caprolactam	8.39	113	106043m	43.016	ng	
36) 4-Chloro-3-methylphenol	8.52	107	359854	41.243	ng	97
37) 2-Methylnaphthalene	8.65	142	777688	40.630	ng	98
38) 1-Methylnaphthalene	8.75	142	728677	40.390	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	353693	40.264	ng	99

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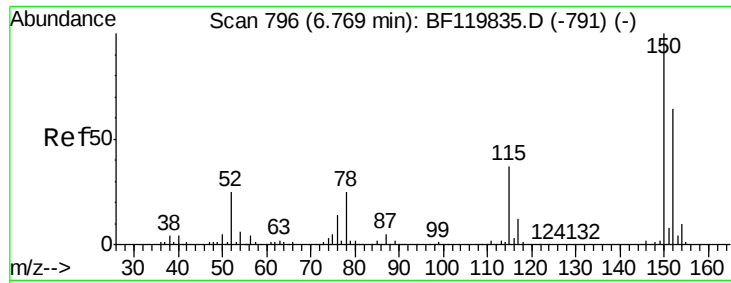
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	328740	65.812	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	237581	39.166	nq	98
44) 2,4,5-Trichlorophenol	8.99	196	250549	36.672	nq	95
46) 1,1'-Biphenyl	9.12	154	957772	40.799	nq	98
47) 2-Chloronaphthalene	9.14	162	726033	40.147	nq	100
48) 2-Nitroaniline	9.25	65	256309	39.110	nq	92
49) Acenaphthylene	9.56	152	1161623	42.237	nq	97
50) Dimethylphthalate	9.43	163	875915	40.716	nq	99
51) 2,6-Dinitrotoluene	9.49	165	193350	41.043	nq	89
52) Acenaphthene	9.73	154	679435	37.034	nq	99
53) 3-Nitroaniline	9.65	138	105854	19.674	nq	98
54) 2,4-Dinitrophenol	9.77	184	200290	71.014	nq	# 89
55) Dibenzofuran	9.90	168	1033953	41.070	nq	99
56) 4-Nitrophenol	9.85	139	269374	67.289	nq	93
57) 2,4-Dinitrotoluene	9.89	165	253637	40.865	nq	# 87
58) Fluorene	10.25	166	825527	41.002	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	207953	39.797	nq	98
60) Diethylphthalate	10.13	149	898020	40.276	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	396353	38.408	nq	99
62) 4-Nitroaniline	10.27	138	215473	42.023	nq	98
63) Azobenzene	10.40	77	836873	41.882	nq	97
65) 4,6-Dinitro-2-methylphenol	10.31	198	142670	39.190	nq	91
66) n-Nitrosodiphenylamine	10.36	169	745381	40.560	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	244173	35.532	nq	94
68) Hexachlorobenzene	10.79	284	263899	37.855	nq	94
69) Atrazine	10.89	200	218213	42.677	nq	99
70) Pentachlorophenol	10.99	266	232438	57.858	nq	98
71) Phenanthrene	11.20	178	1190766	40.490	nq	99
72) Anthracene	11.26	178	1245186	41.447	nq	98
73) Carbazole	11.42	167	1138413	40.070	nq	98
74) Di-n-butylphthalate	11.75	149	1481358	39.663	nq	99
75) Fluoranthene	12.39	202	1333737	42.032	nq	98
77) Benzdine	12.52	184	744202	52.727	nq	99
78) Pyrene	12.62	202	1341752	38.118	nq	98
80) Butylbenzylphthalate	13.24	149	642758	37.632	nq	97
81) Benzo(a)anthracene	13.81	228	1124730	40.946	nq	99
82) 3,3'-Dichlorobenzidine	13.77	252	198656	19.383	nq	99
83) Chrysene	13.85	228	1135307	40.677	nq	98
84) Bis(2-ethylhexyl)phthalate	13.81	149	857682	37.081	nq	99
85) Di-n-octyl phthalate	14.42	149	1518357	38.554	nq	98
86) Indeno(1,2,3-cd)pyrene	16.57	276	942251	38.298	nq	99
88) Benzo(b)fluoranthene	14.83	252	1021622	38.260	nq	99
89) Benzo(k)fluoranthene	14.86	252	1006532	43.688	nq	99
90) Benzo(a)pyrene	15.17	252	904274	40.278	nq	99
91) Dibenzo(a,h)anthracene	16.59	278	785855	39.516	nq	99
92) Benzo(g,h,i)perylene	16.98	276	773179	39.387	nq	96

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



#1

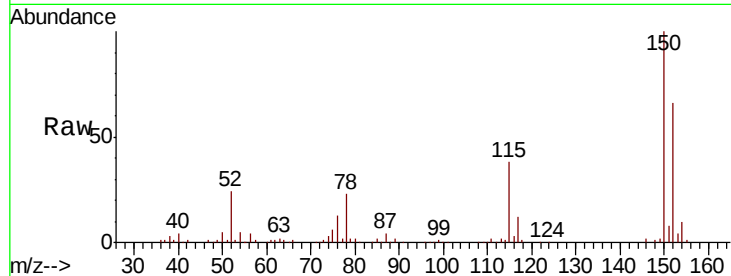
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.5	186.7
115	57.4	49.6	74.4

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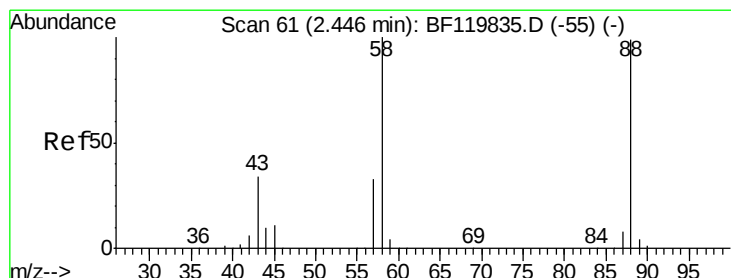
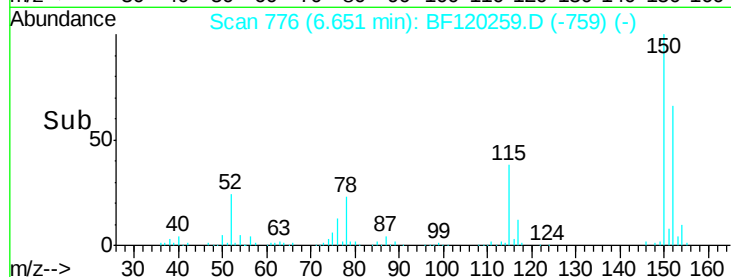
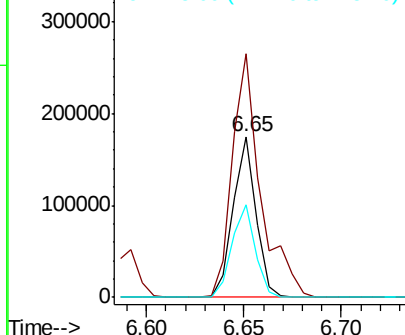


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

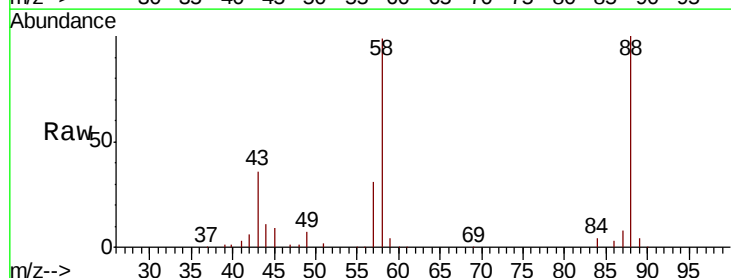
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.177 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.06 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.7	80.6	121.0
43	36.7	27.5	41.3

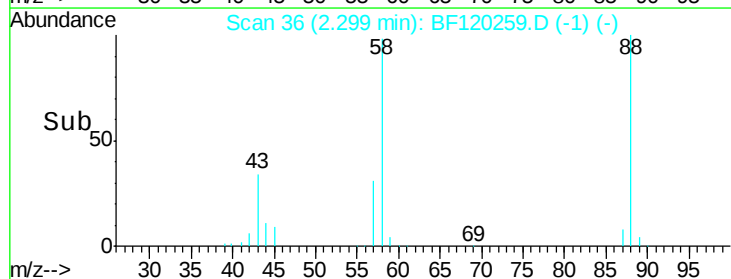
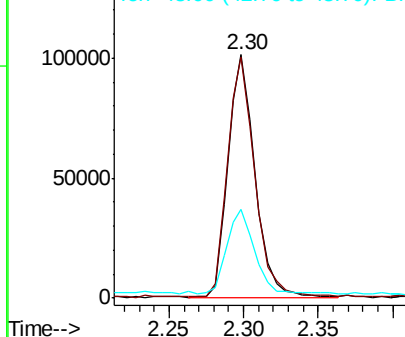


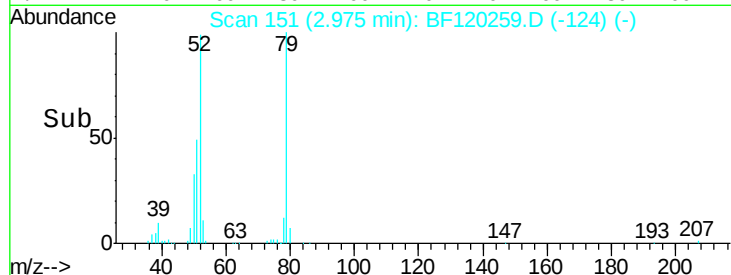
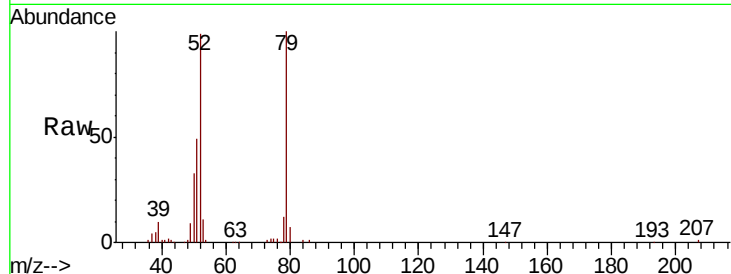
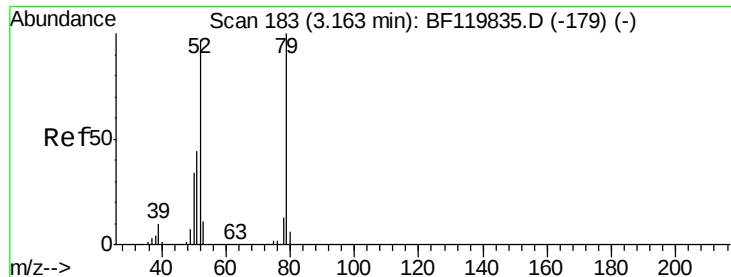
Abundance

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





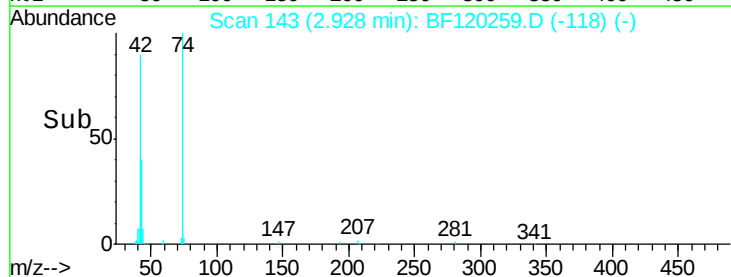
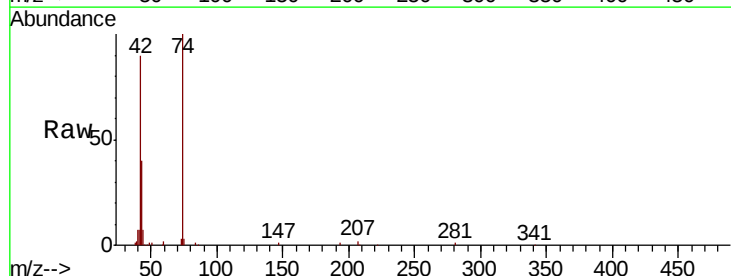
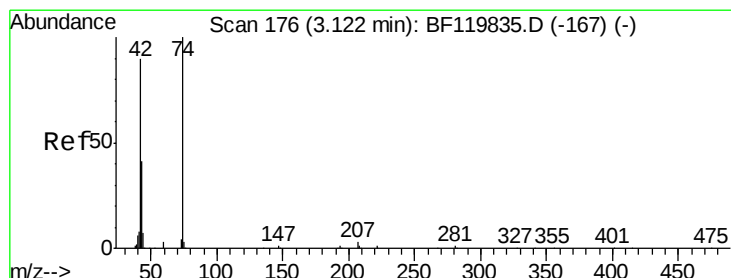
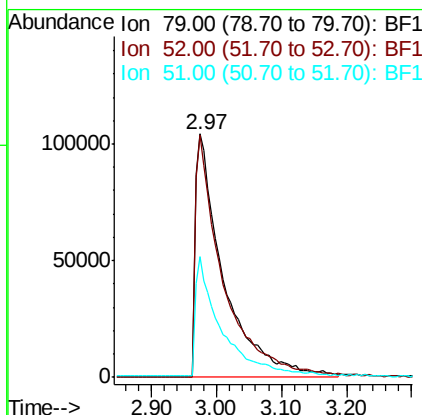
#3
 Pvridine
 Concen: 31.350 ng
 RT: 2.97 min Scan# 151
 Delta R.T. 0.06 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tot Ion:	79	Resp:	313860
Ion Ratio	Lower	Upper	
79	100		
52	99.3	80.2	120.2
51	49.3	37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

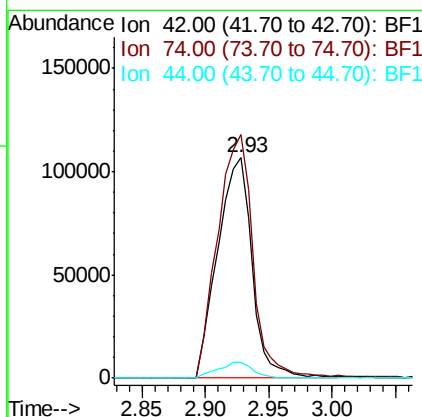
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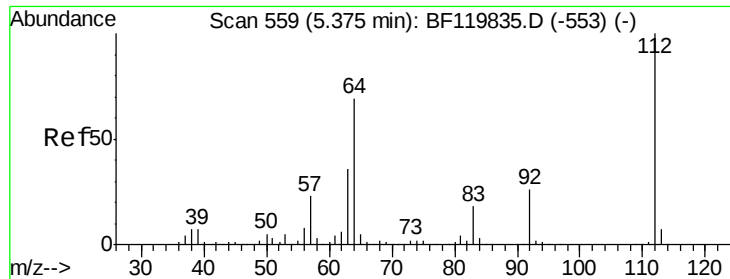
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#4
 n-Nitrosodimethylamine
 Concen: 39.414 ng
 RT: 2.93 min Scan# 143
 Delta R.T. 0.05 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:	42	Resp:	201609
Ion Ratio	Lower	Upper	
42	100		
74	110.5	91.5	137.3
44	7.3	6.2	9.4





#5

2-Fluorophenol

Concen: 127.083 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

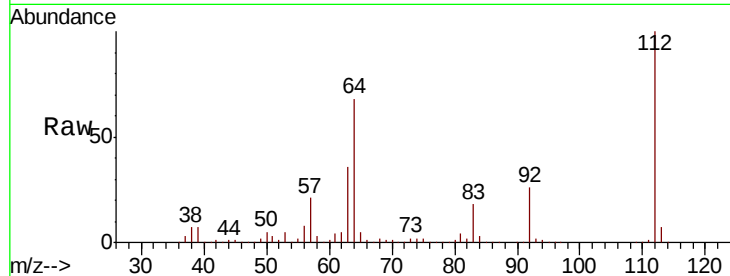
ClientSampled :

PB128596BS

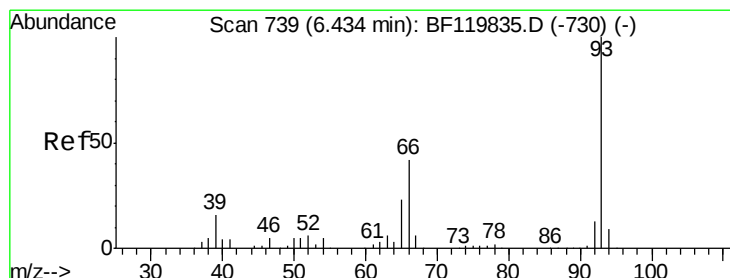
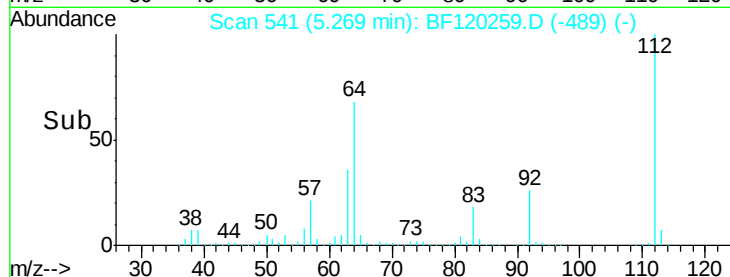
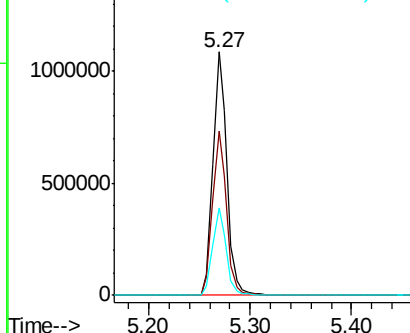
Tot Ion:	112	Resp:	1041140
Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.7	85.1
63	35.7	29.5	44.3

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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: 28.826 ng

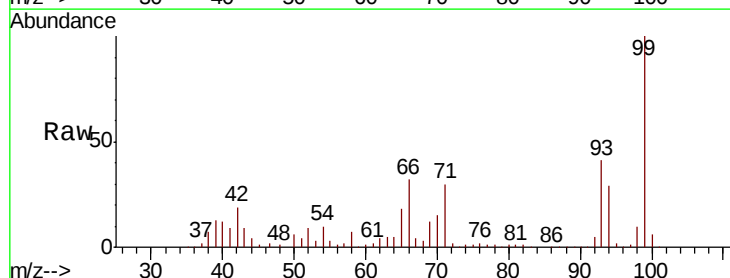
RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

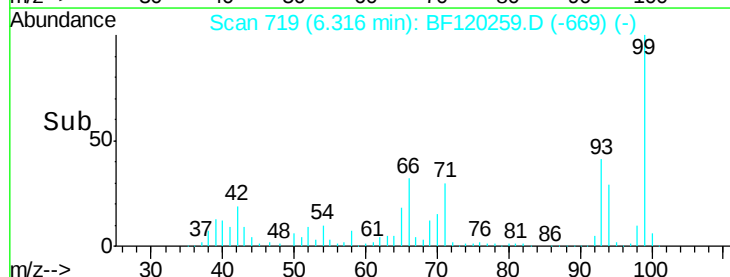
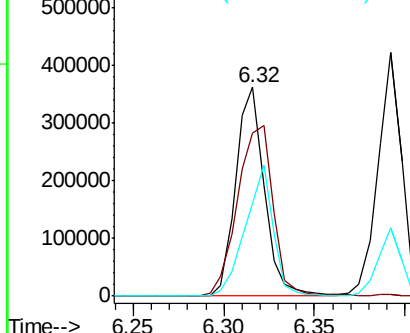
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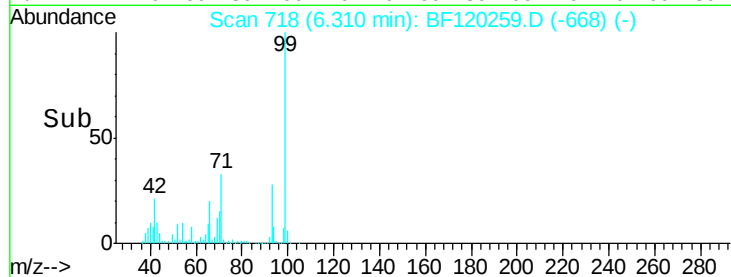
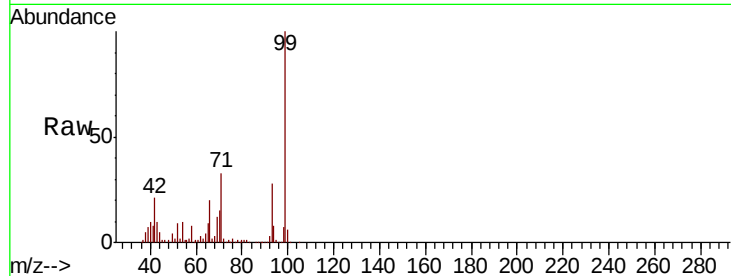
Acq: 1 May 2020 15:39

Tgt Ion:	93	Resp:	399406
Ion	Ratio	Lower	Upper
93	100		
66	78.0	34.9	52.3#
65	44.5	18.6	27.8#



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: 122.120 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tot Ion:	99	Resp:	1289164
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	24.8
71	33.1	26.4	39.6

Instrument :

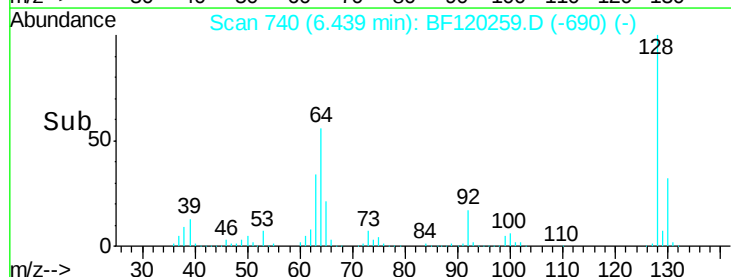
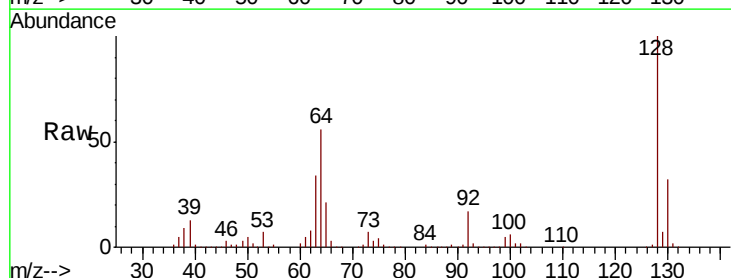
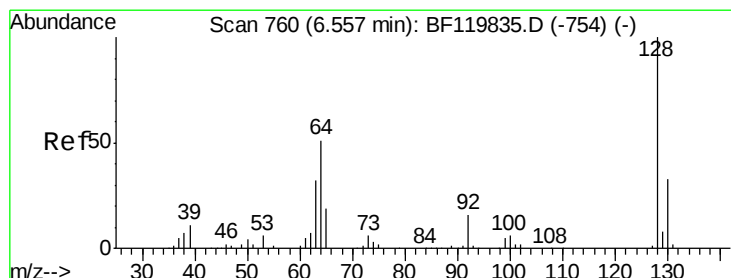
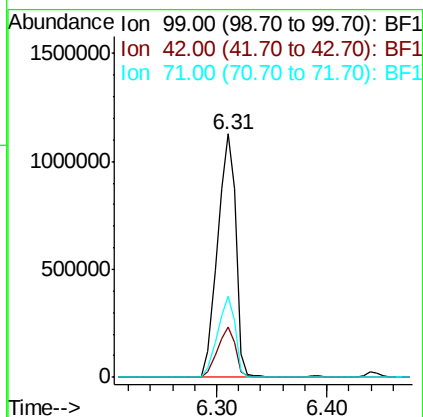
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#8

2-Chlorophenol

Concen: 43.454 ng

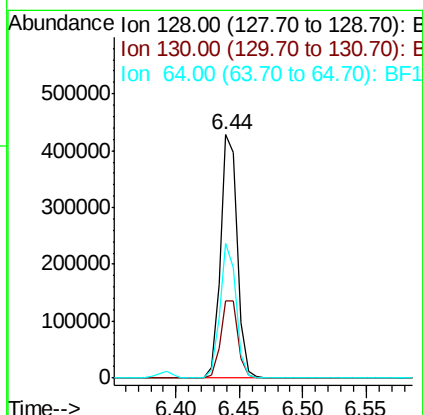
RT: 6.44 min Scan# 740

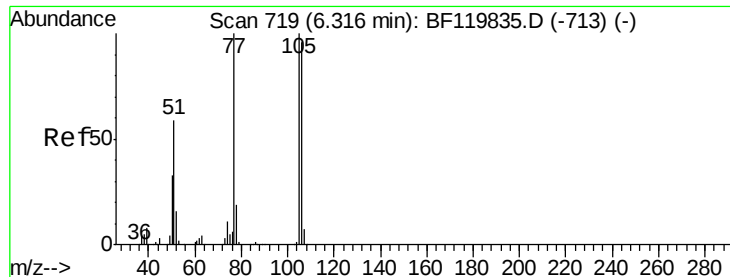
Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	128	Resp:	397769
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	55.6	35.3	75.3





#9

Benzaldehyde

Concen: 49.535 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

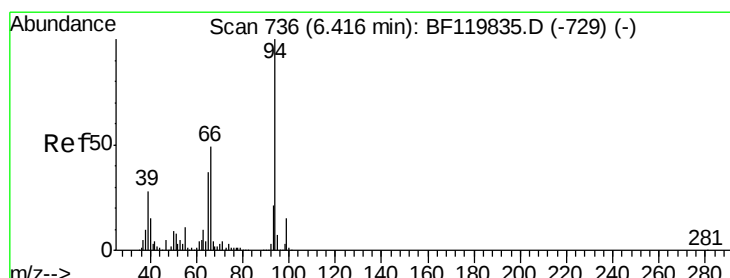
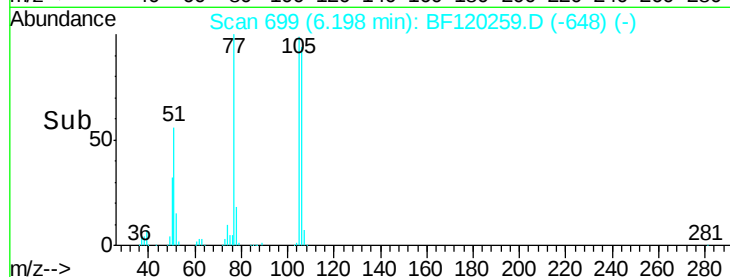
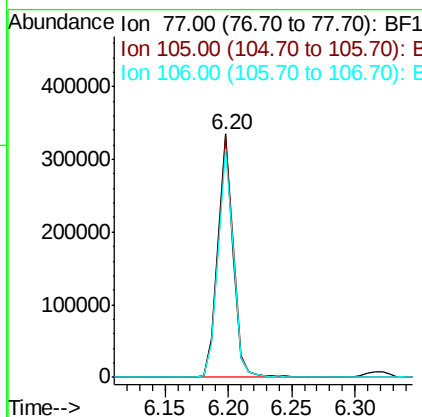
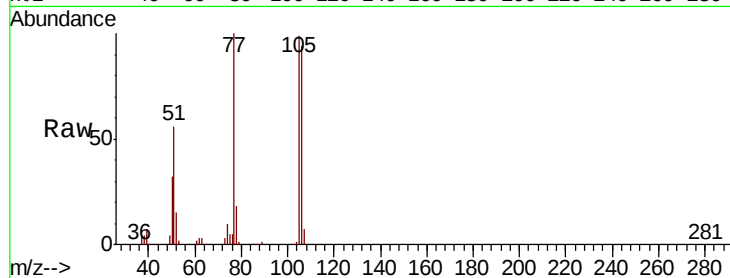
ClientSampleId :

PB128596BS

Tot Ion:	77	Resp:	288799
Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.9	120.9
106	93.7	77.9	117.9

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#10

Phenol

Concen: 41.614 ng

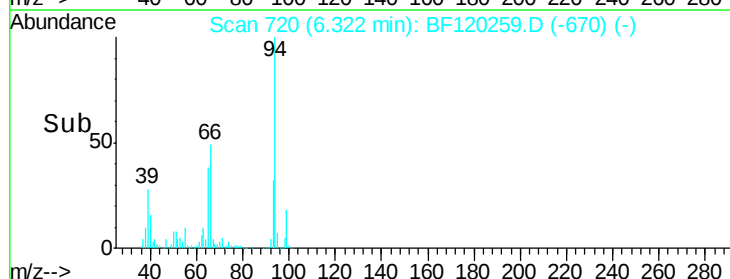
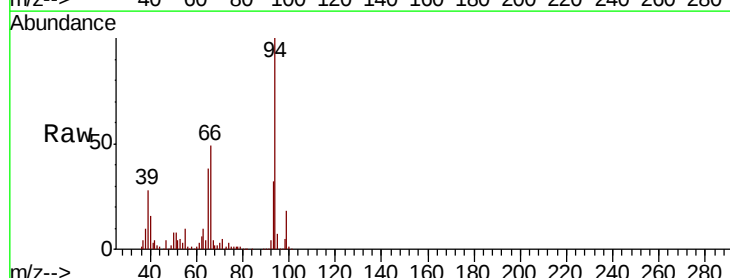
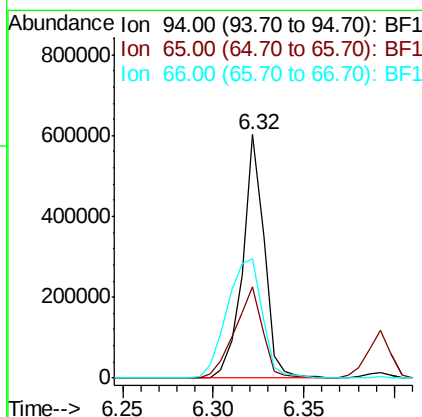
RT: 6.32 min Scan# 720

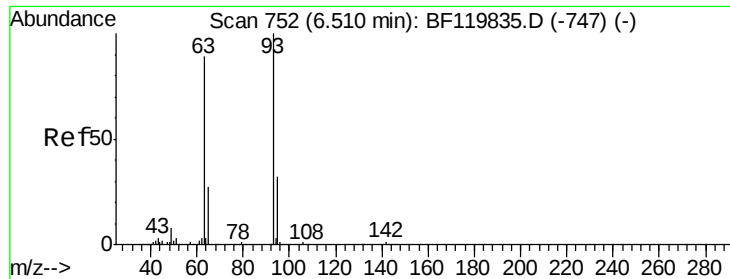
Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	94	Resp:	498380
Ion	Ratio	Lower	Upper
94	100		
65	37.7	13.2	53.2
66	49.3	22.3	62.3





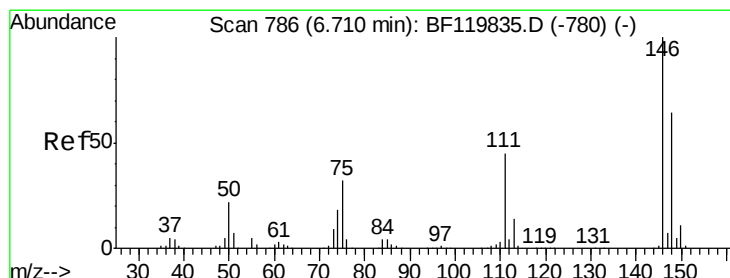
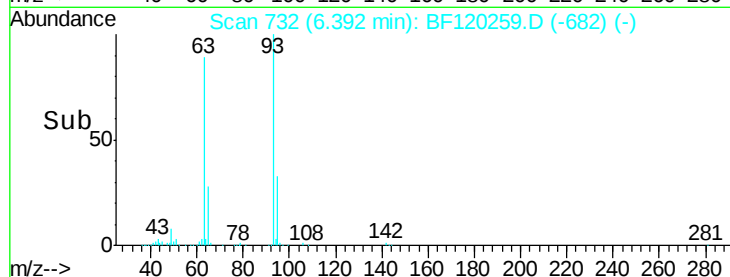
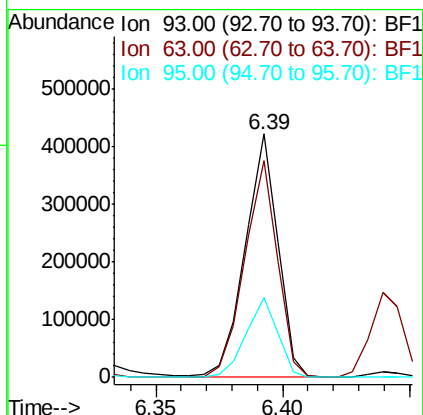
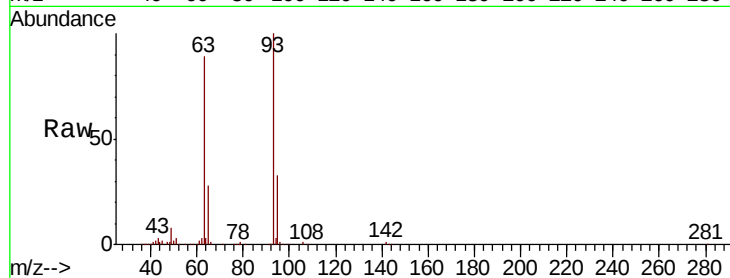
#11
bis(2-Chloroethyl)ether
Concen: 40.968 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	70.2	110.2
95	32.9	13.4	53.4

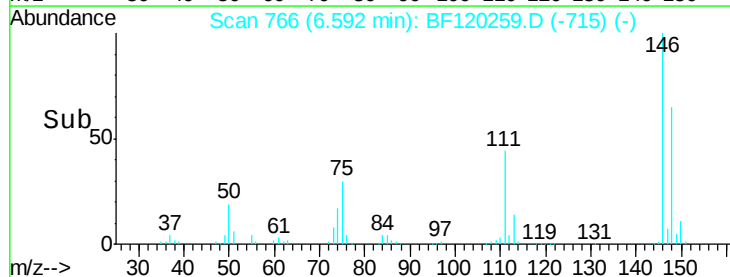
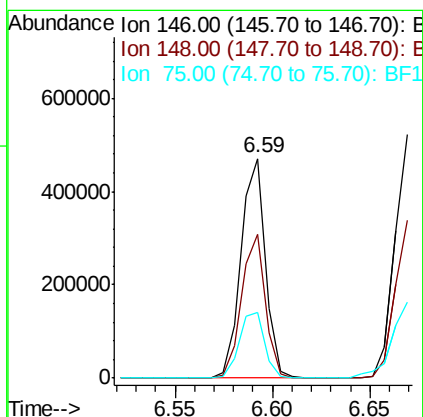
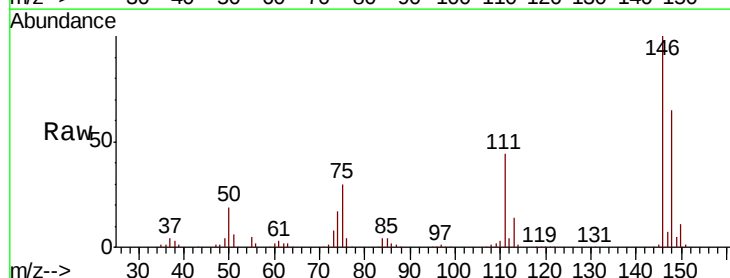
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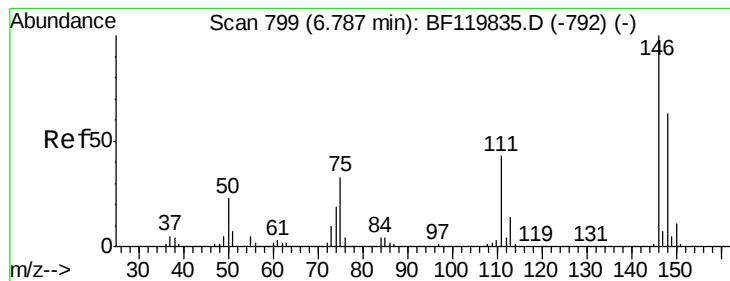
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.771 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
75	29.9	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.721 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

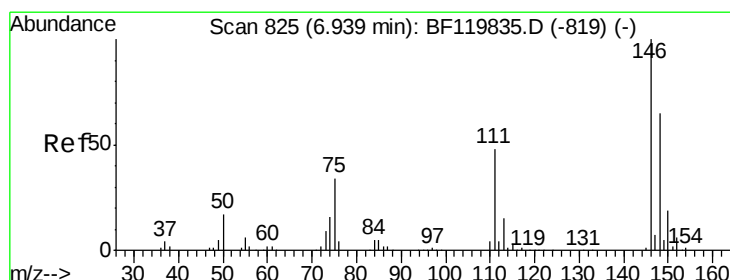
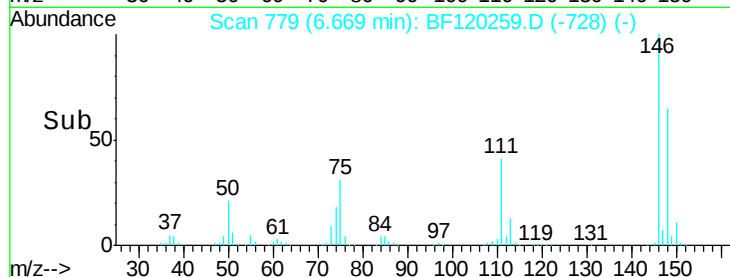
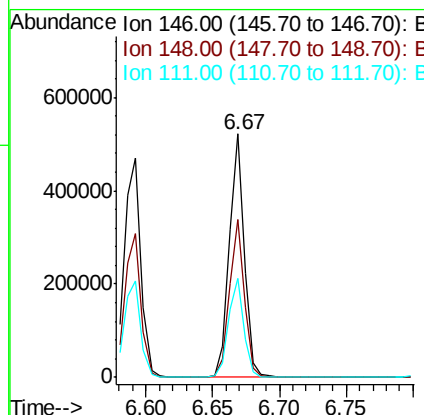
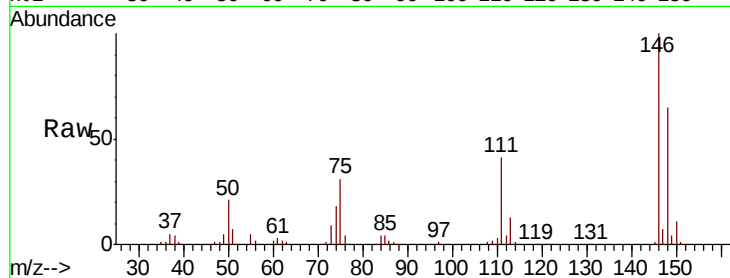
ClientSampleId :

PB128596BS

Tot Ion:	146	Resp:	415704
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.5	77.3
111	40.7	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 41.576 ng

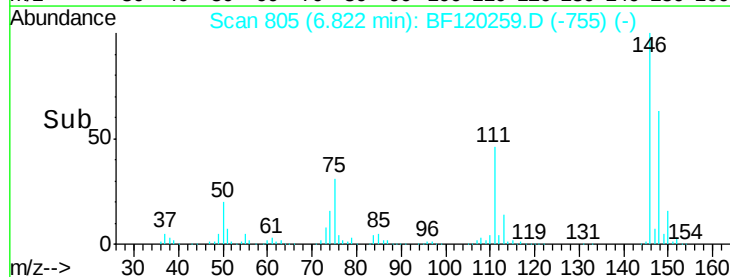
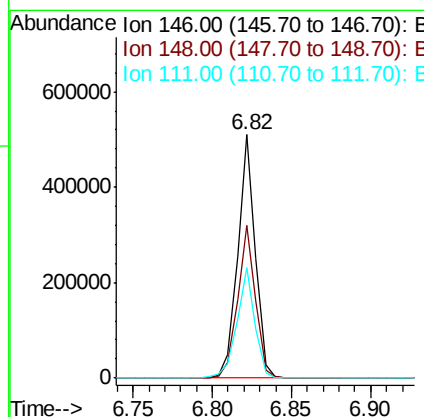
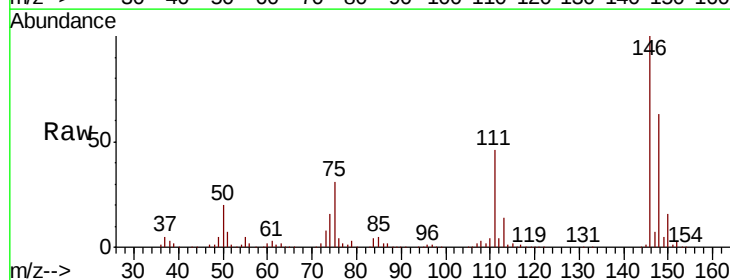
RT: 6.82 min Scan# 805

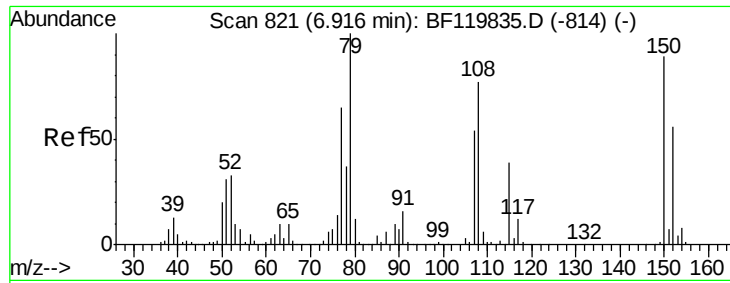
Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	146	Resp:	391150
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	45.5	36.1	54.1





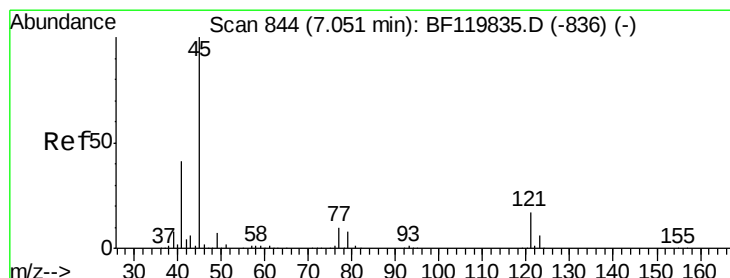
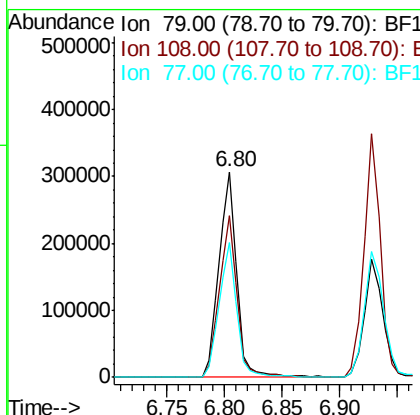
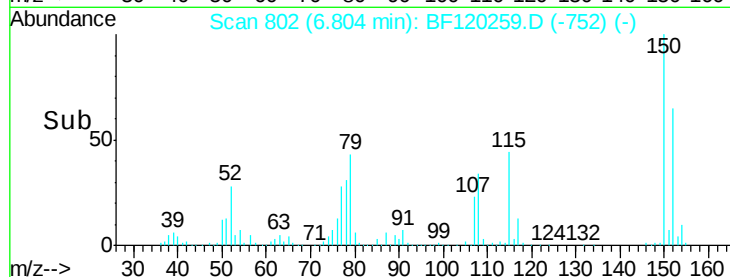
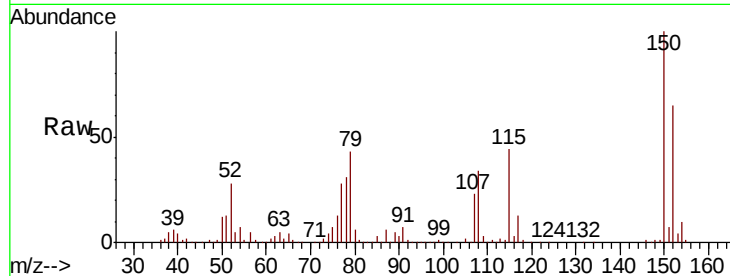
#15
Benzyl Alcohol
Concen: 40.429 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampled :
PB128596BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.6	90.8
77	65.4	50.2	75.2

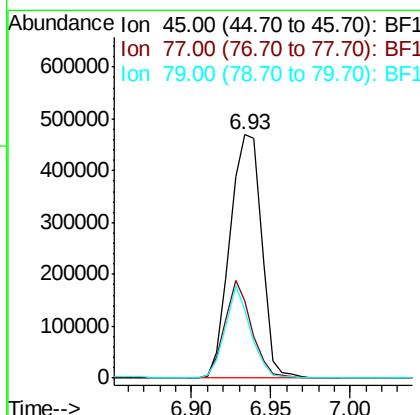
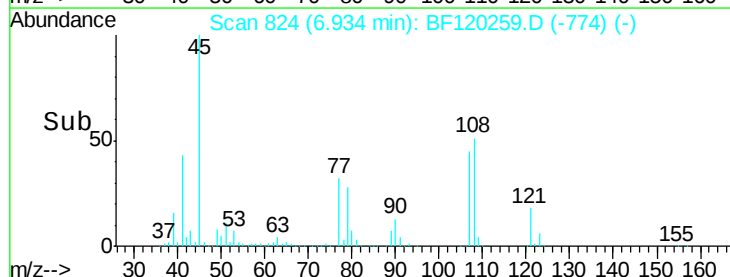
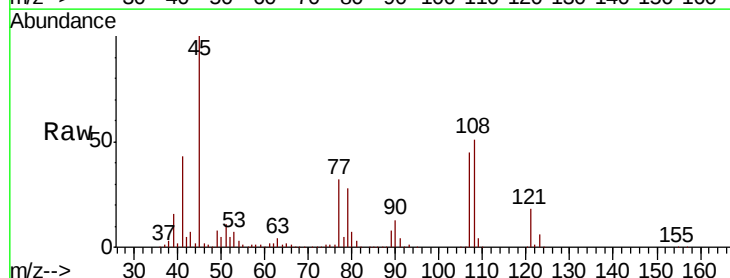
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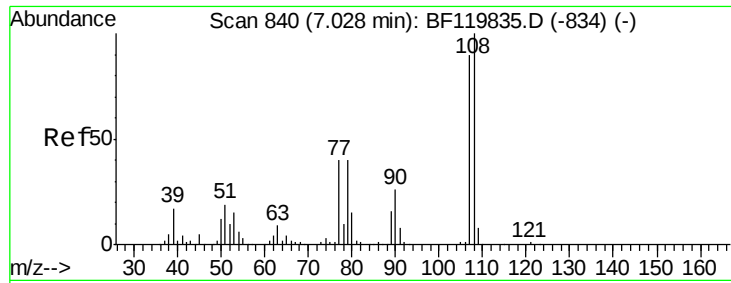
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.104 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.9	0.0	30.7#
79	28.2	0.0	28.2#





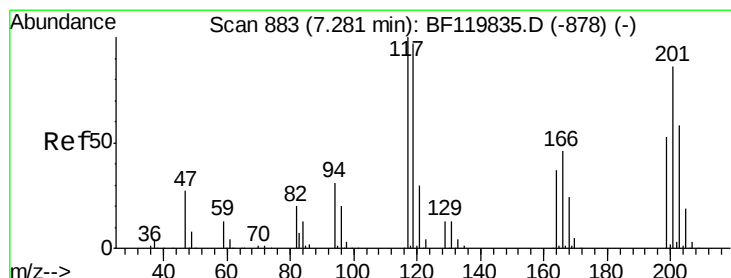
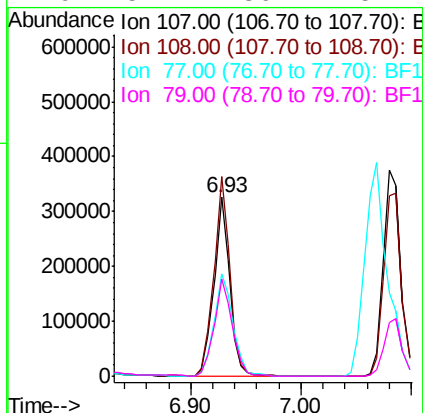
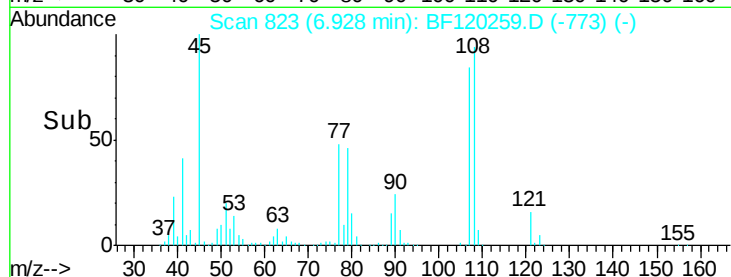
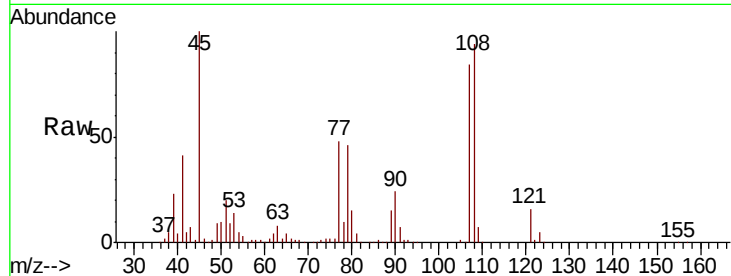
#17
2-Methylphenol
Concen: 39.444 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	92.2	138.4	
77	57.5	36.6	54.8#	
79	54.4	36.2	54.4#	

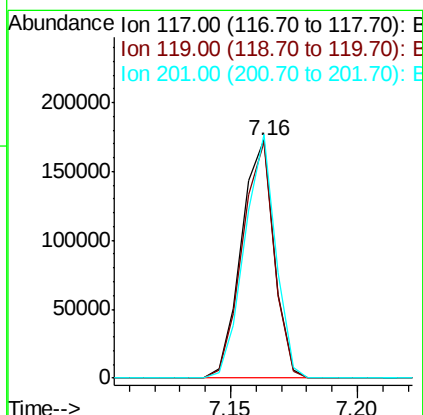
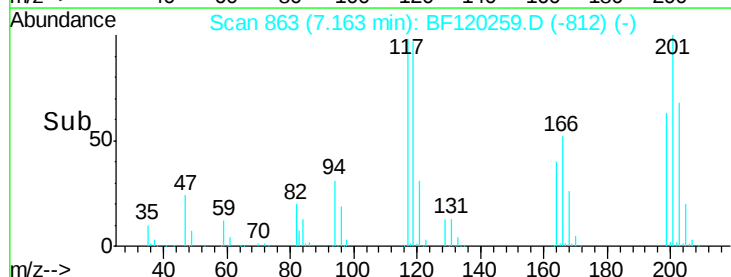
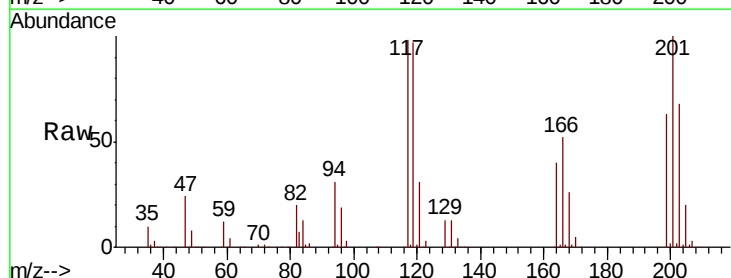
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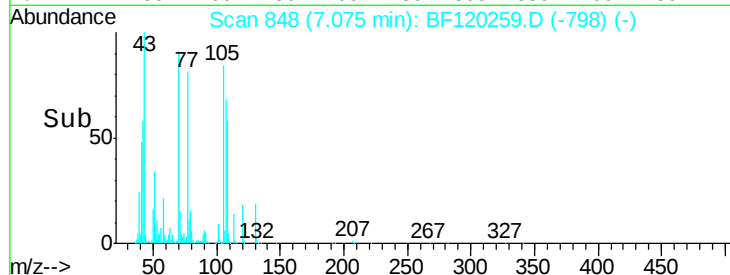
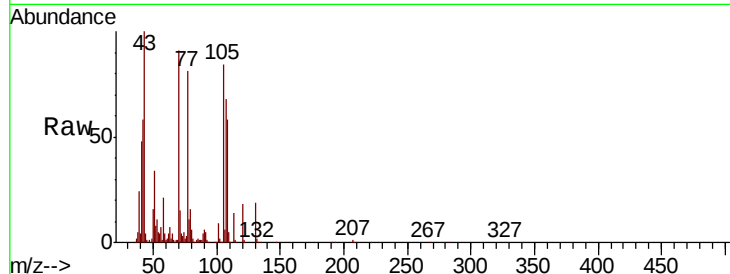
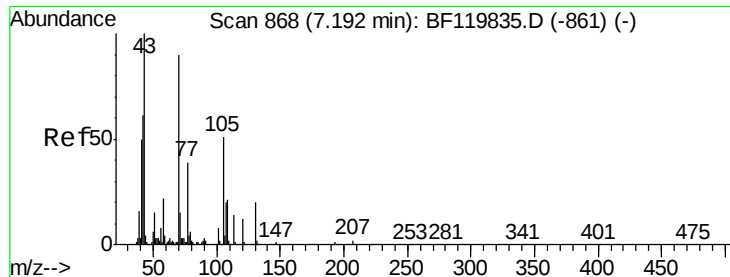
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#18
Hexachloroethane
Concen: 40.795 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	76.1	114.1	
201	102.3	73.0	109.6	





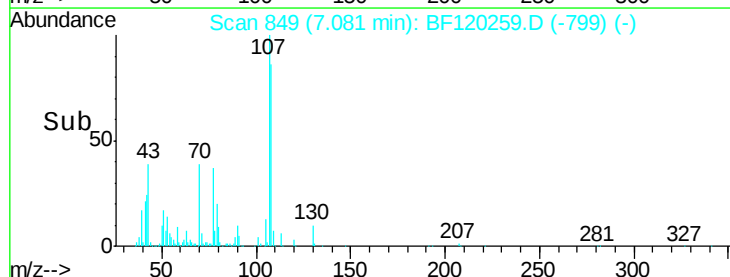
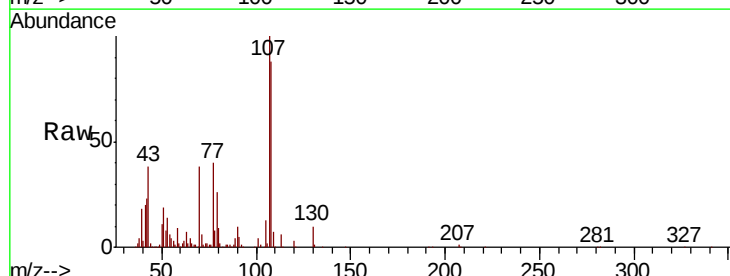
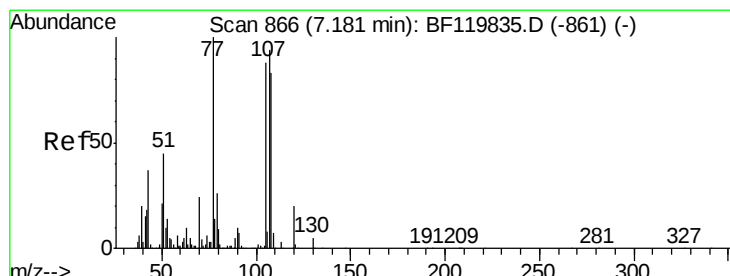
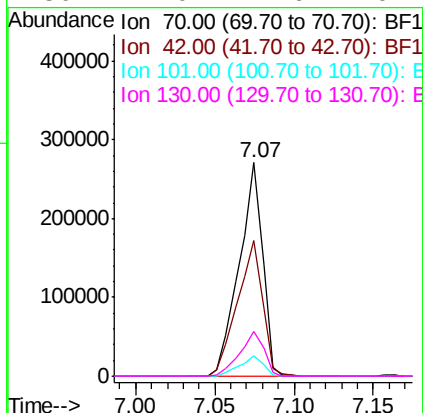
#19
n-Nitroso-di-n-propylamine
Concen: 40.968 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	54.5	81.7
101	9.7	7.6	11.4
130	21.0	17.6	26.4

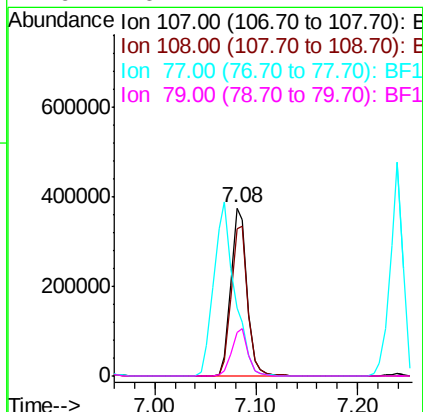
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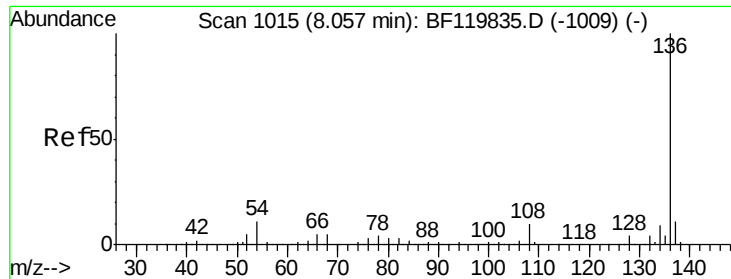
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#20
3+4-Methylphenols
Concen: 41.791 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.9	107.9
77	40.3	52.9	92.9#
79	26.2	7.7	47.7





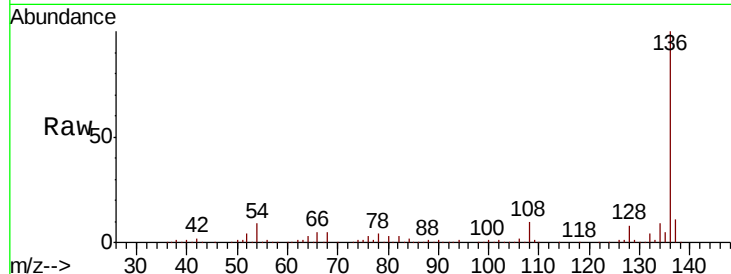
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

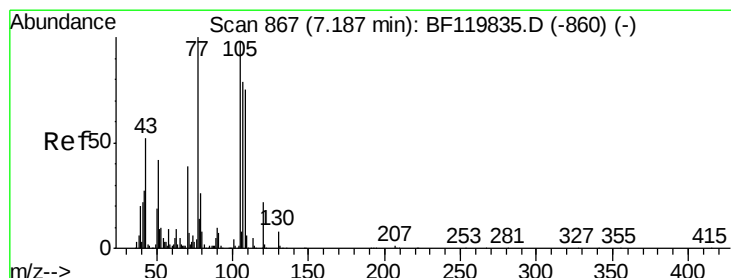
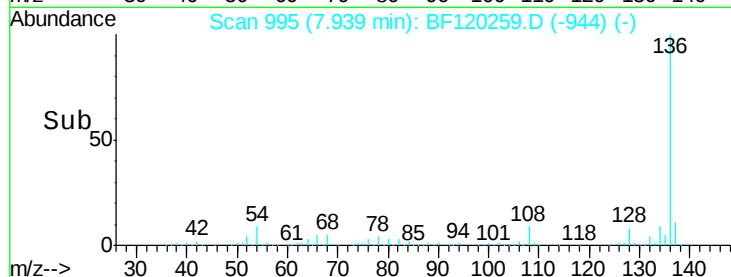
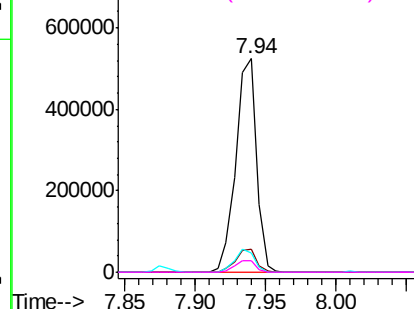
Tot Ion	Ratio	Resp	Lower	Upper
136	100	536612		
137	10.8		8.7	13.1
54	9.3		9.1	13.7
68	5.2		4.6	6.8

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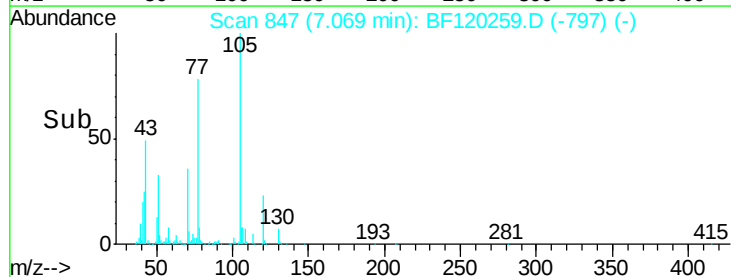
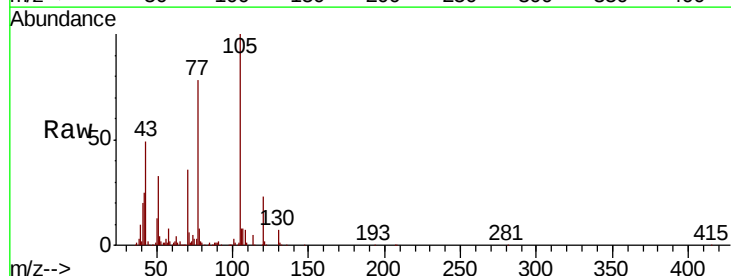
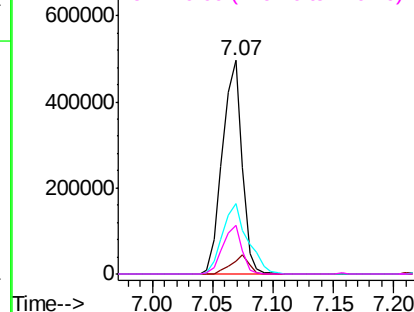
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

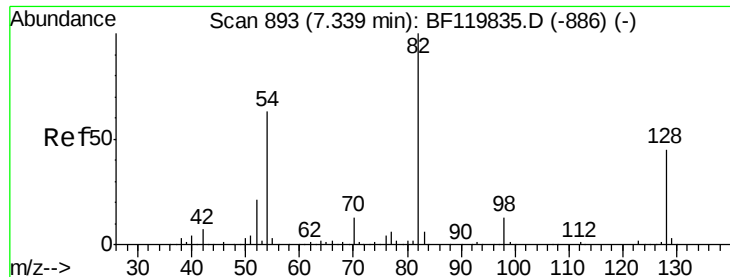


#22
Acetophenone
Concen: 44.267 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	556243		
71	5.8		5.7	8.5
51	32.7		26.2	39.4
120	22.5		18.3	27.5

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





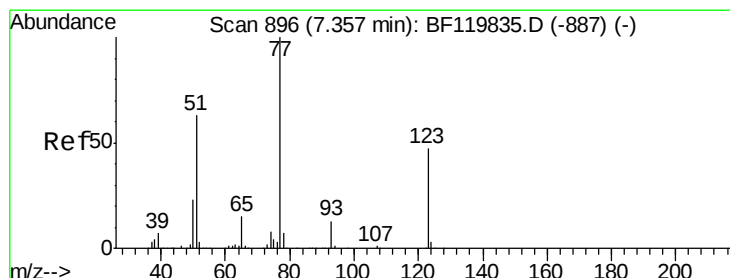
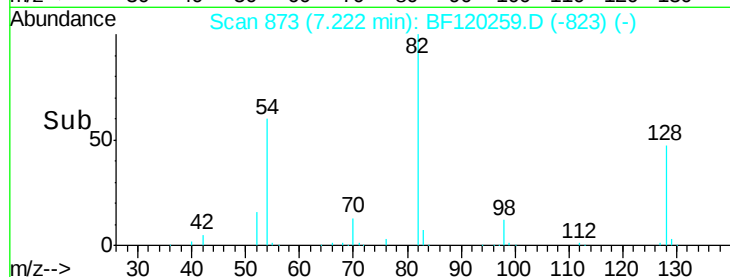
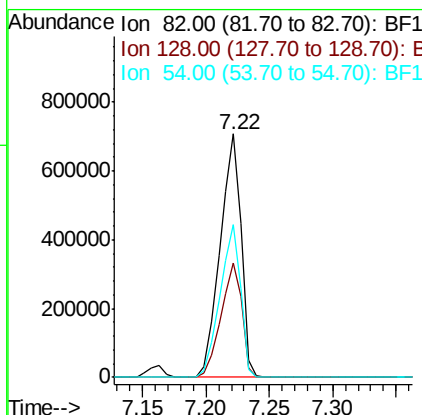
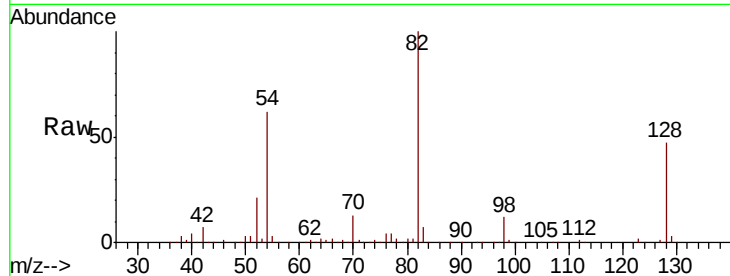
#23
Nitrobenzene-d5
Concen: 78.356 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	62.5	50.6	75.8

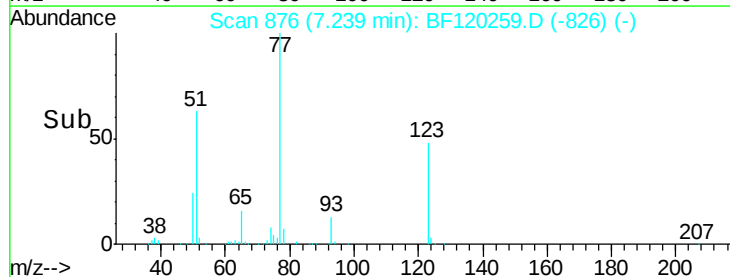
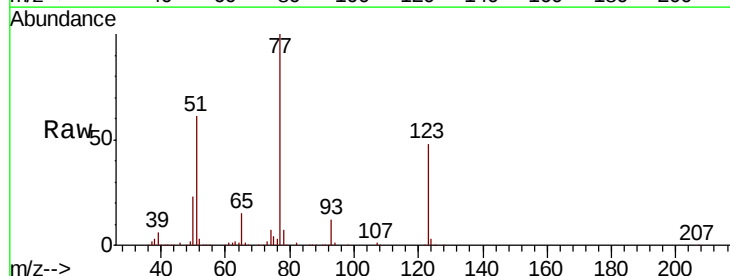
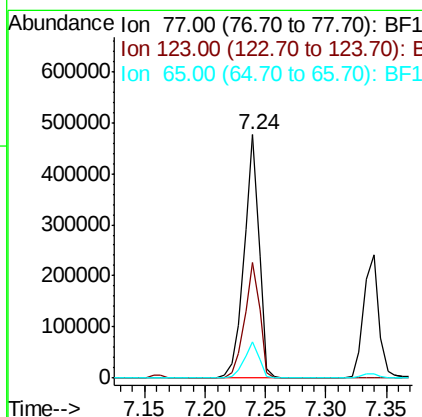
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#24
Nitrobenzene
Concen: 39.773 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.0	57.0
65	14.9	12.6	18.8





#25

Isophorone

Concen: 38.164 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

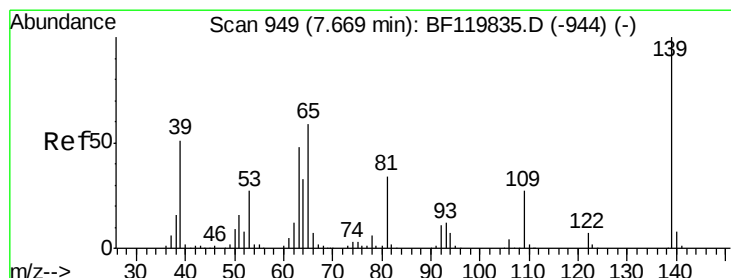
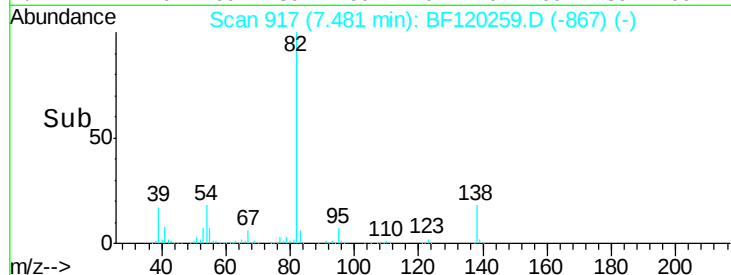
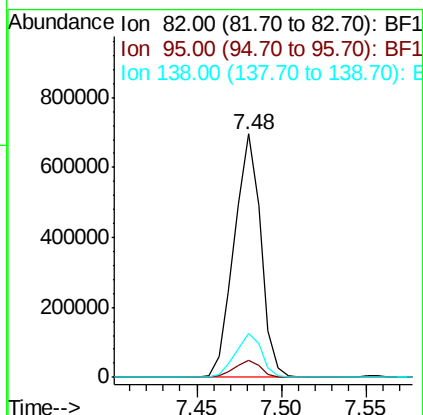
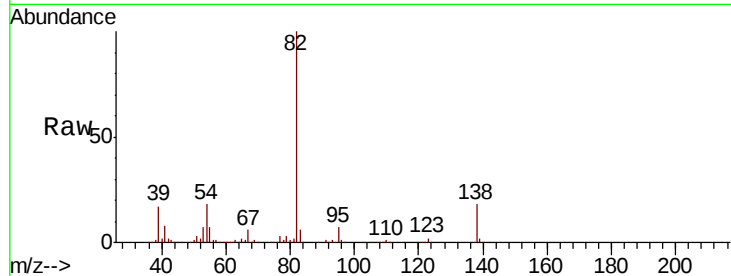
ClientSampleId :

PB128596BS

Tot Ion:	82	Resp:	763098
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.8	8.6
138	17.9	14.6	21.8

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#26

2-Nitrophenol

Concen: 41.859 ng

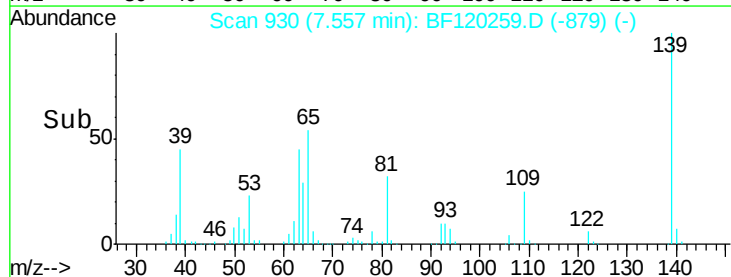
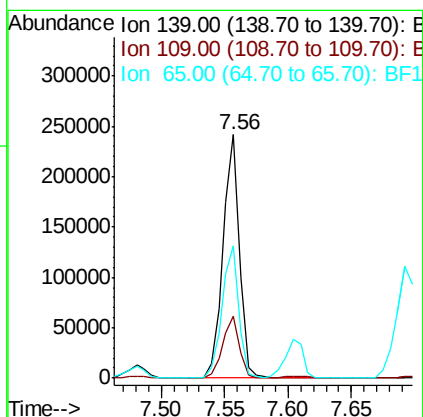
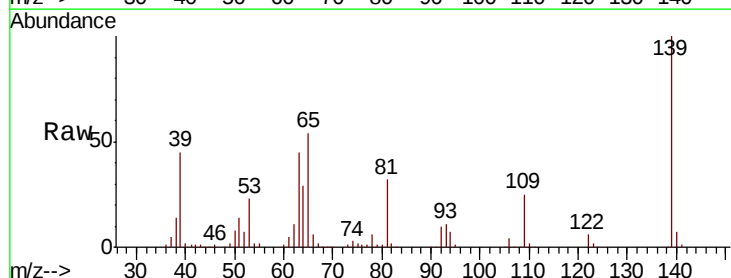
RT: 7.56 min Scan# 930

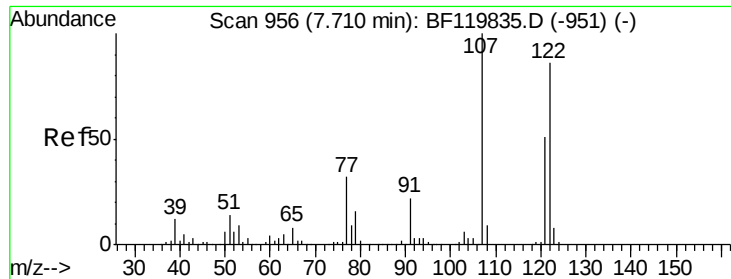
Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	139	Resp:	218215
Ion Ratio		Lower	Upper
139	100		
109	25.4	22.1	33.1
65	54.5	49.2	73.8





#27

2,4-Dimethylphenol

Concen: 44.469 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

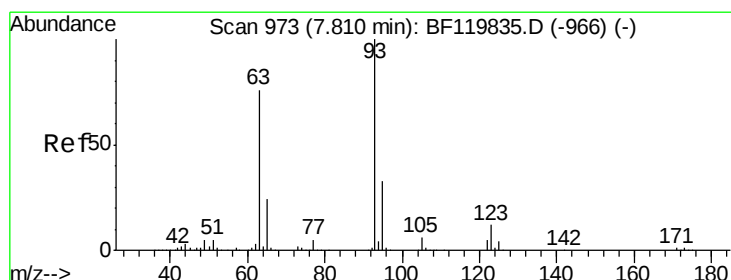
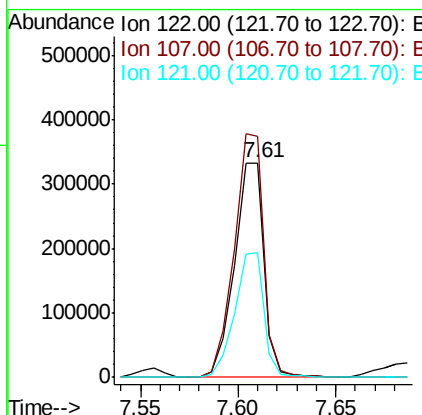
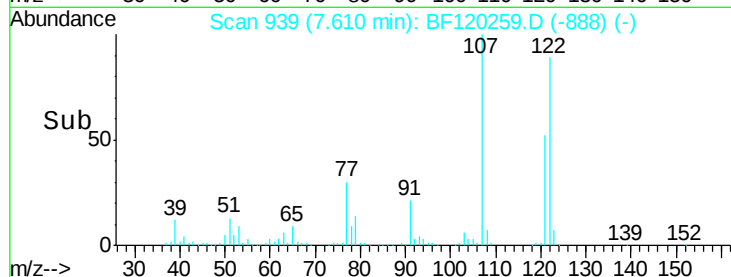
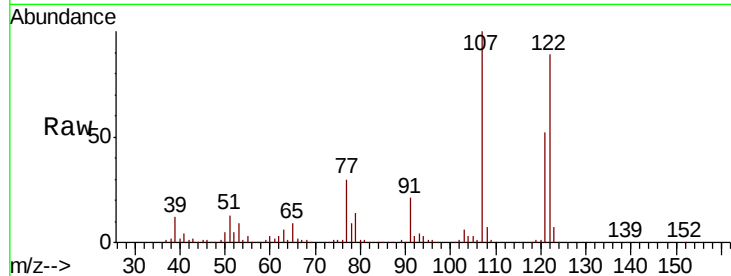
ClientSampleId :

PB128596BS

Tot Ion:	122	Resp:	349627
Ion Ratio	Lower	Upper	
122	100		
107	112.3	89.0	133.6
121	58.2	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 40.722 ng

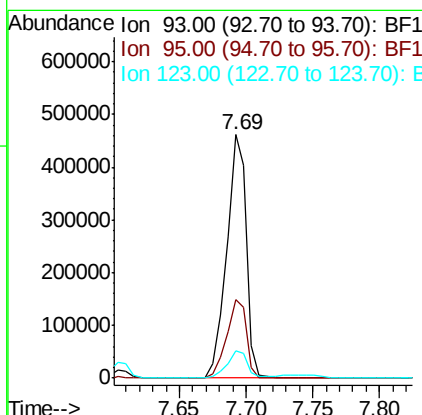
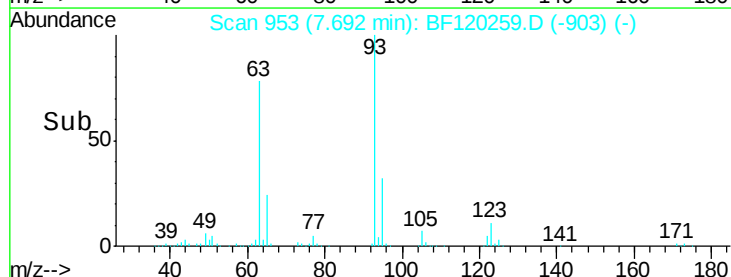
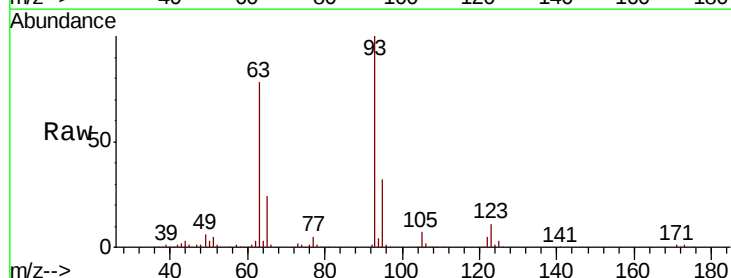
RT: 7.69 min Scan# 953

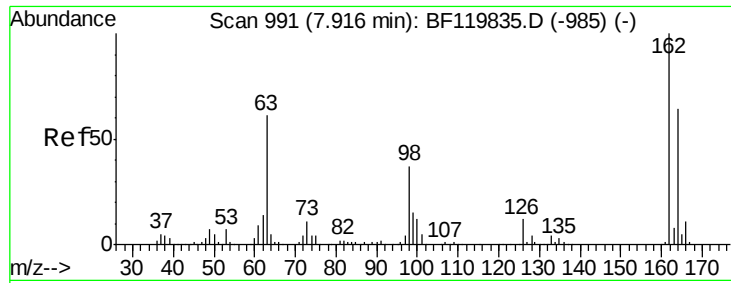
Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	93	Resp:	479141
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	11.4	9.7	14.5





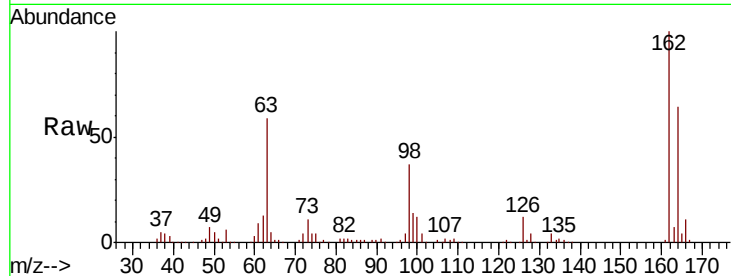
#29
2,4-Dichlorophenol
Concen: 40.362 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

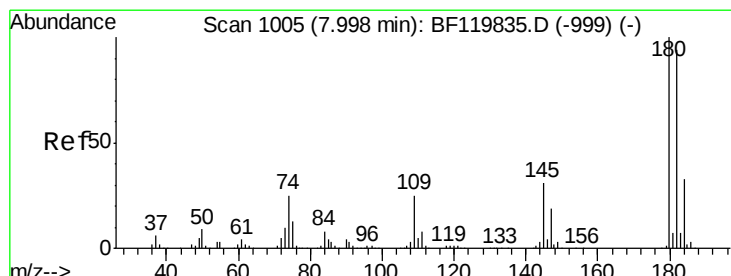
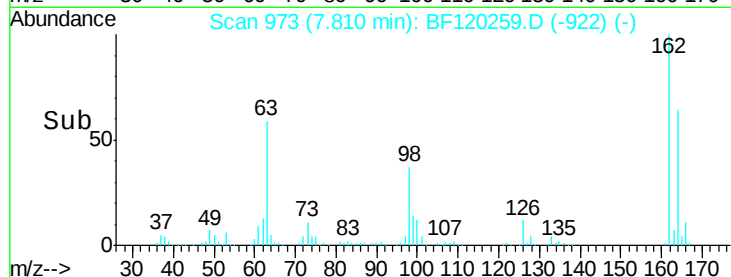
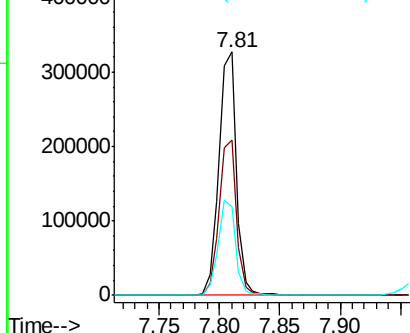
Tot Ion:	162	Resp:	325281
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	36.7	20.7	60.7

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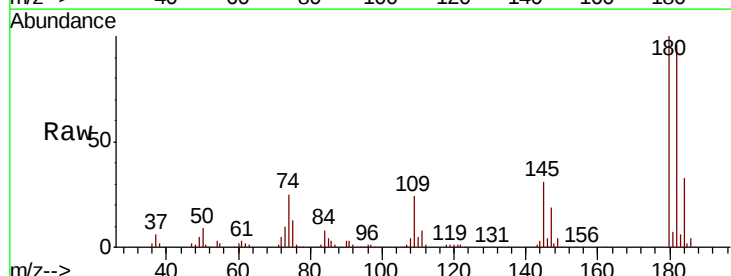


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

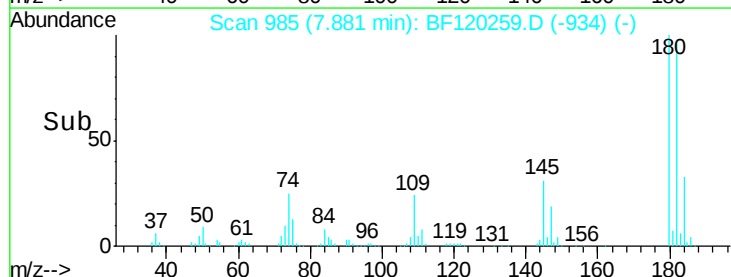
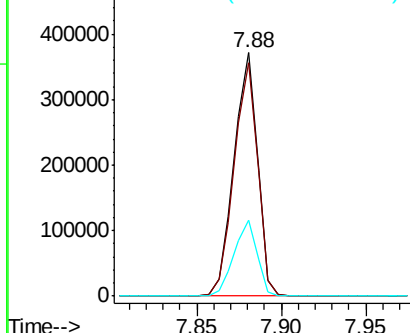


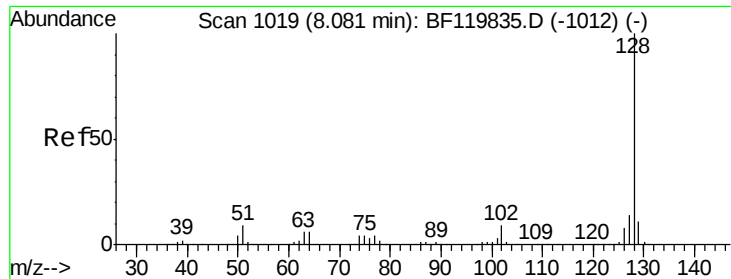
#30
1,2,4-Trichlorobenzene
Concen: 39.347 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:	180	Resp:	359300
Ion Ratio	Lower	Upper	
180	100		
182	96.0	74.7	112.1
145	31.3	24.5	36.7



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





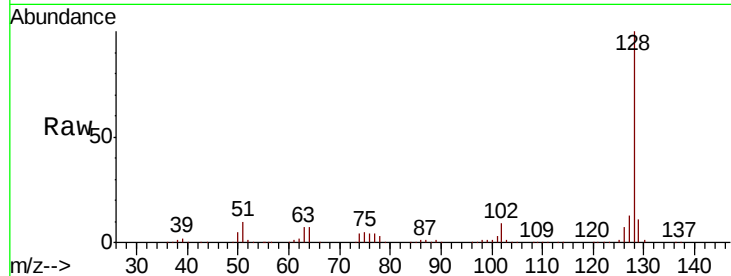
#31
Naphthalene
Concen: 40.850 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

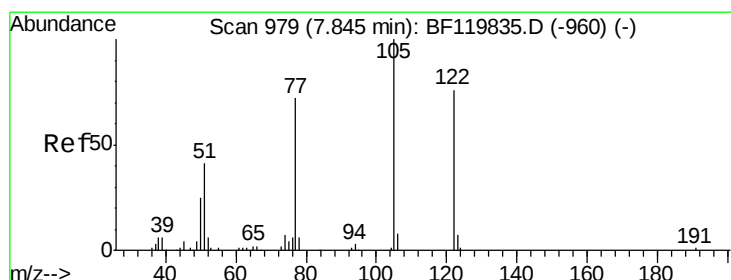
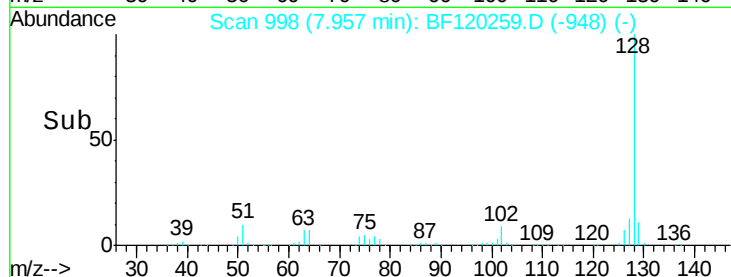
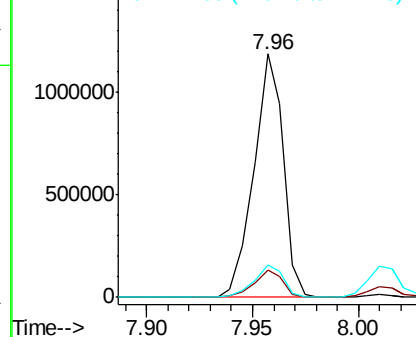
Tot Ion:128 Resp: 1153306
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.3 11.3 16.9

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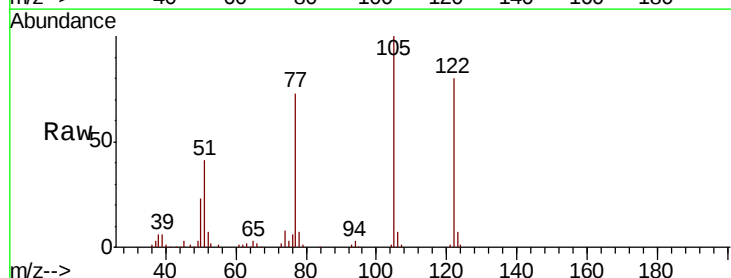


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

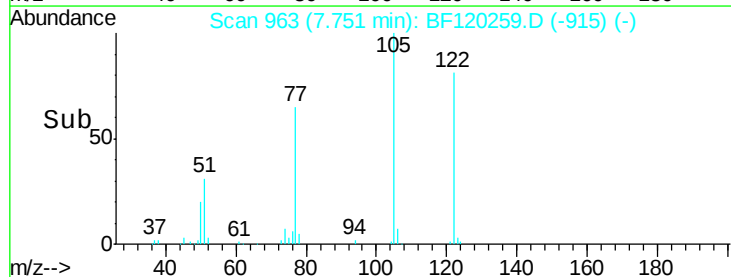
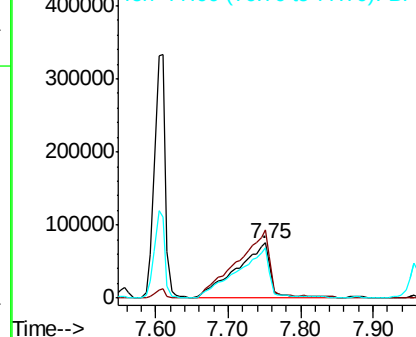


#32
Benzoic acid
Concen: 34.917 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:122 Resp: 241100
Ion Ratio Lower Upper
122 100
105 124.5 104.9 144.9
77 90.4 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





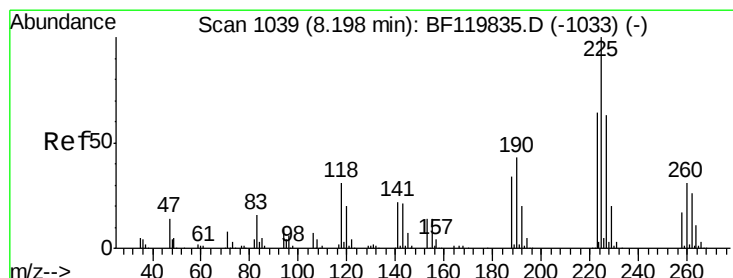
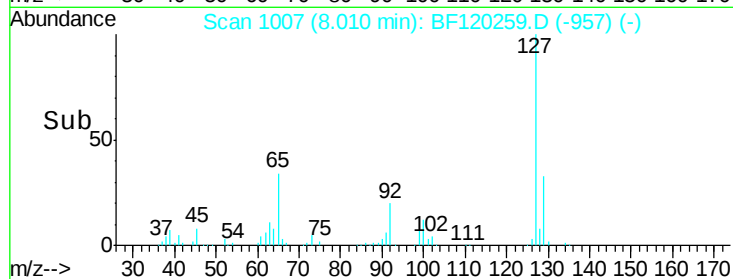
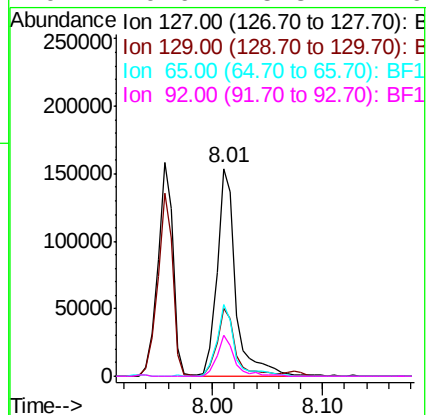
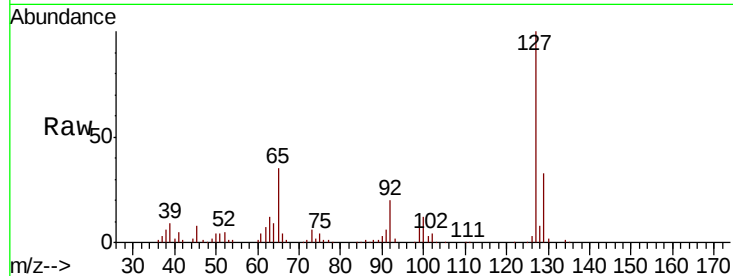
#33
4-Chloroaniline
Concen: 14.700 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		180675		
129	32.9	26.2	39.4		
65	34.9	27.4	41.0		
92	19.6	15.3	22.9		

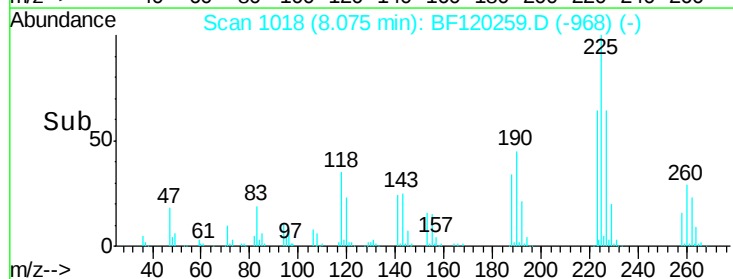
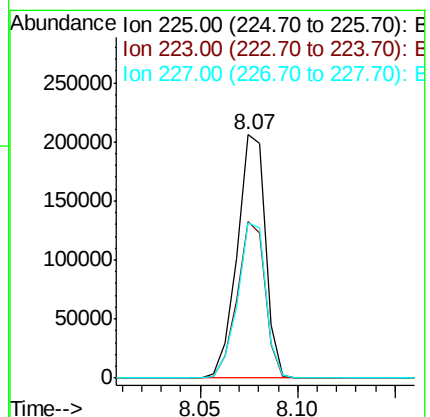
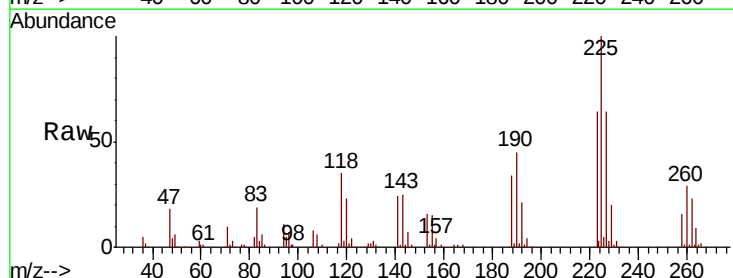
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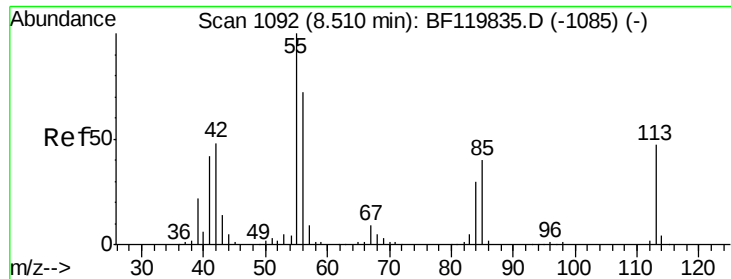
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#34
Hexachlorobutadiene
Concen: 37.889 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		207109		
223	64.3	51.0	76.6		
227	63.5	50.7	76.1		





#35

Caprolactam

Concen: 43.016 ng/mL

RT: 8.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleID :

PB128596BS

Tot Ion: 113 Resp: 106043

Ion Ratio Lower Upper

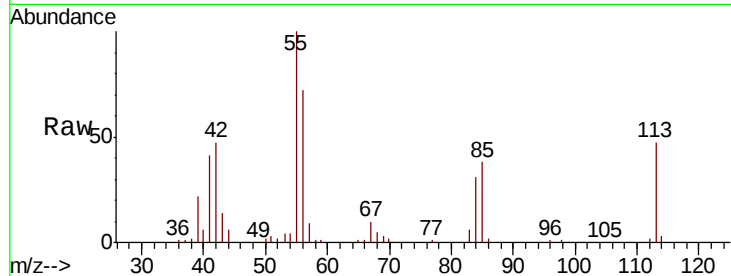
113 100

55 214.7 218.4 258.4#

56 155.1 148.9 188.9

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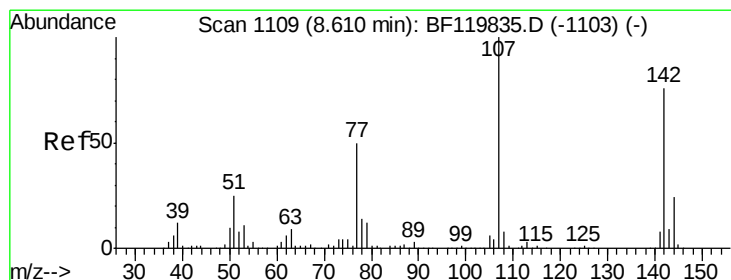
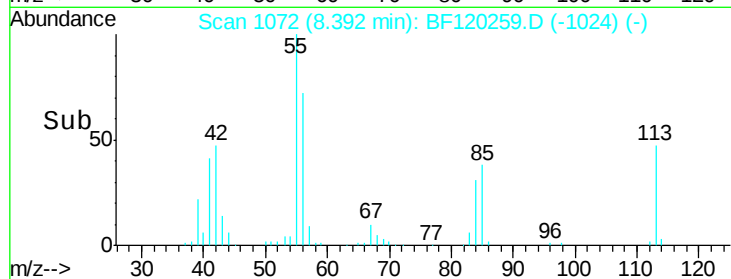
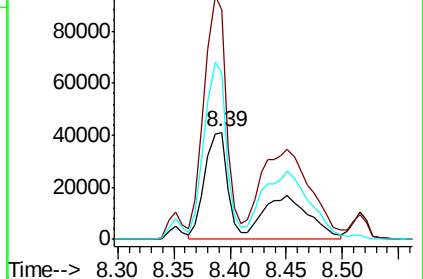
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.243 ng/mL

RT: 8.52 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

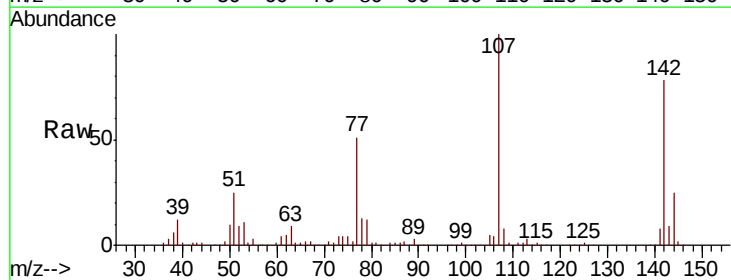
Tgt Ion: 107 Resp: 359854

Ion Ratio Lower Upper

107 100

144 25.3 21.0 31.6

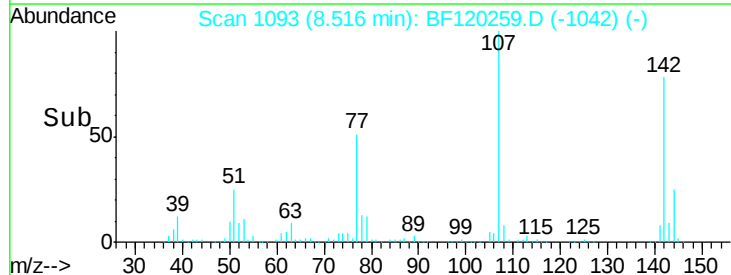
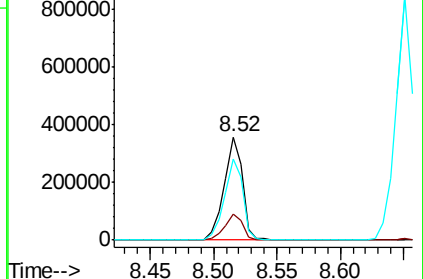
142 77.9 64.4 96.6

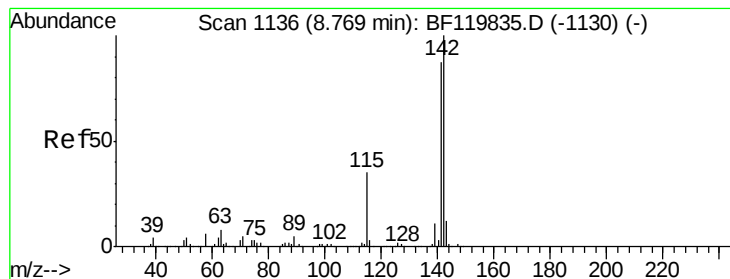


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.630 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

Tot Ion:142 Resp: 777688

Ion Ratio Lower Upper

142 100

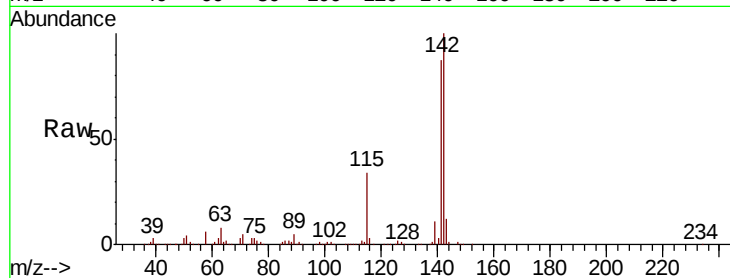
141 87.3 71.7 107.5

115 33.6 27.9 41.9

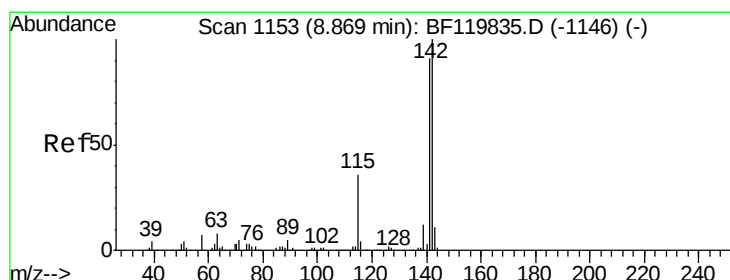
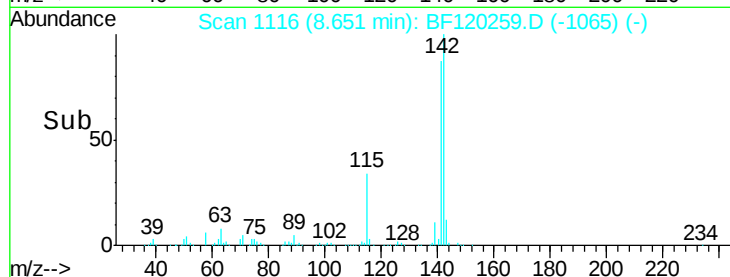
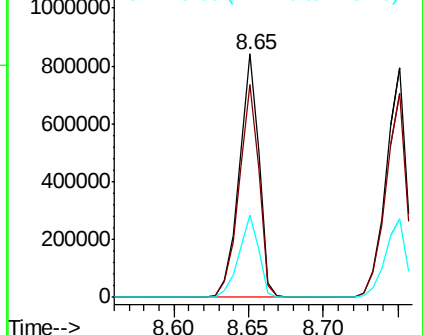
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.390 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

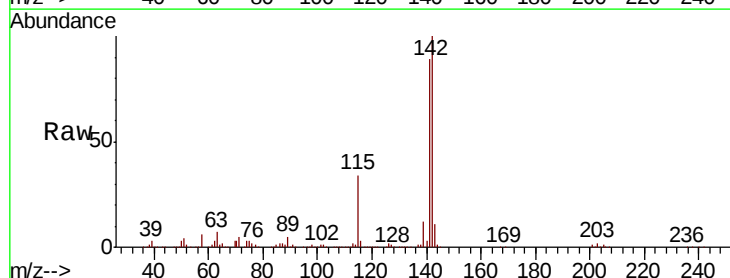
Tgt Ion:142 Resp: 728677

Ion Ratio Lower Upper

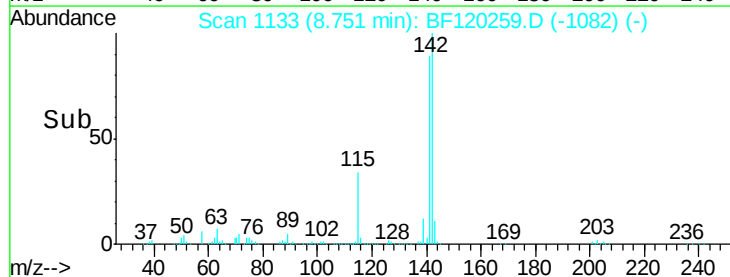
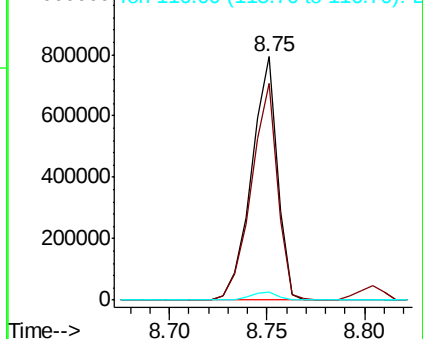
142 100

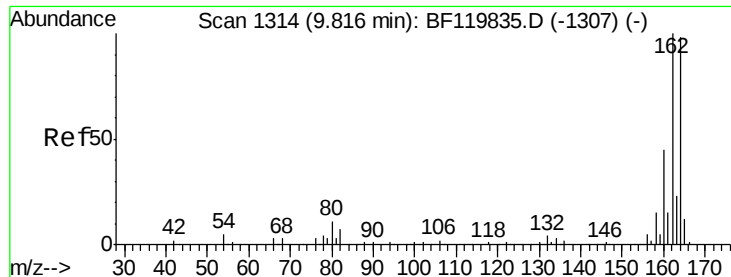
141 88.9 73.7 110.5

116 3.4 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

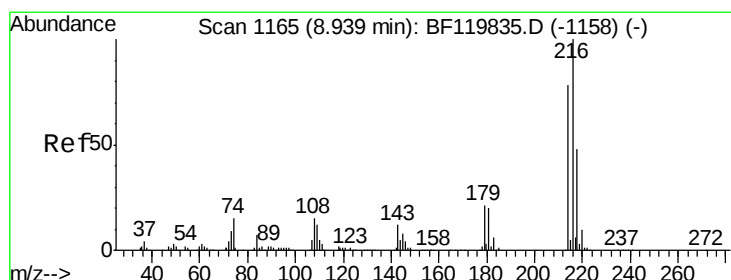
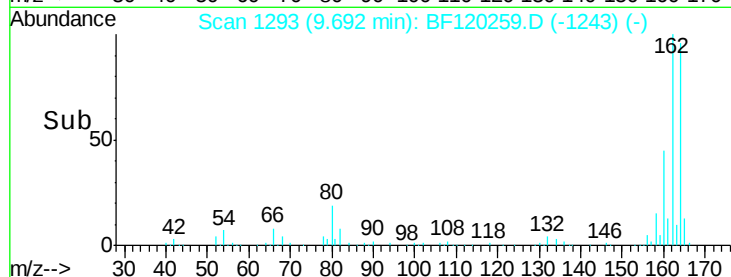
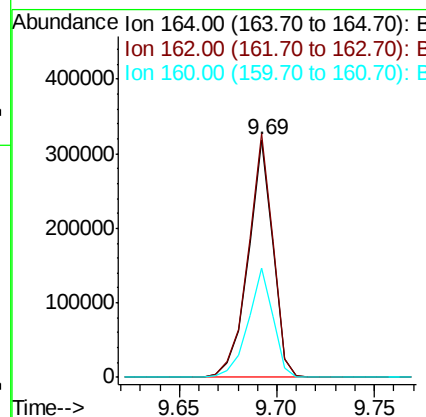
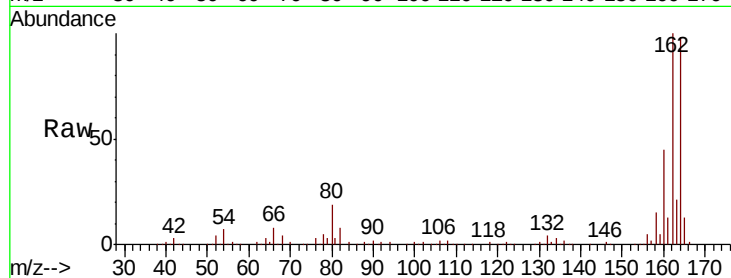
ClientSampleId :

PB128596BS

Tot Ion:	164	Resp:	278127
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.6	121.0
160	45.9	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.264 ng

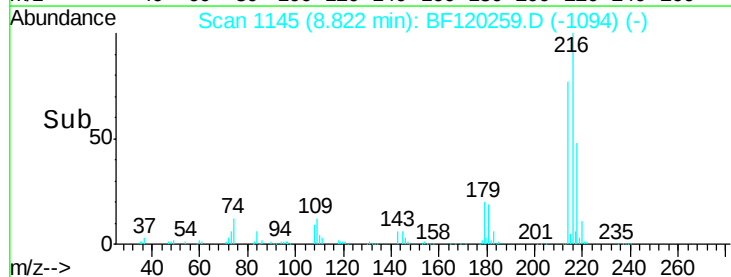
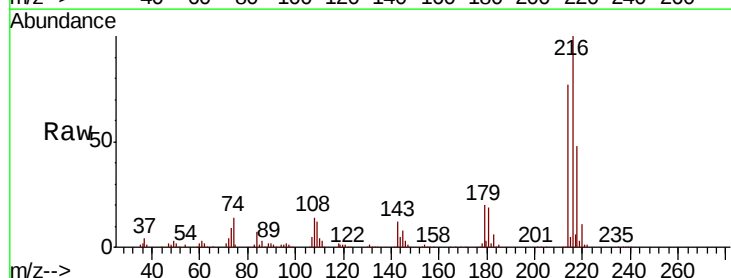
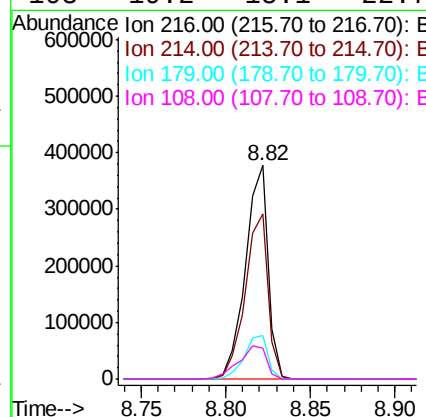
RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	216	Resp:	353693
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.2	94.8
179	21.2	17.1	25.7
108	19.2	15.1	22.7





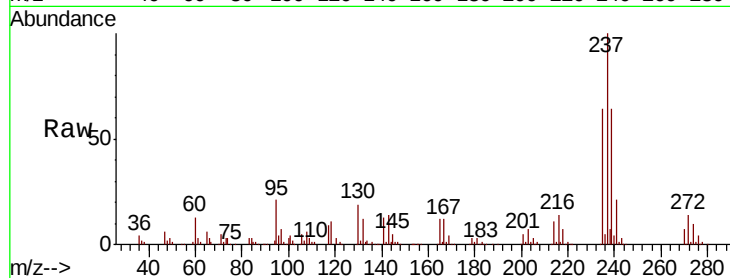
#41
Hexachlorocyclopentadiene
Concen: 65.812 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

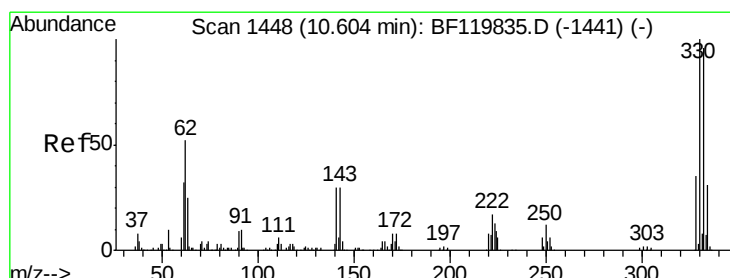
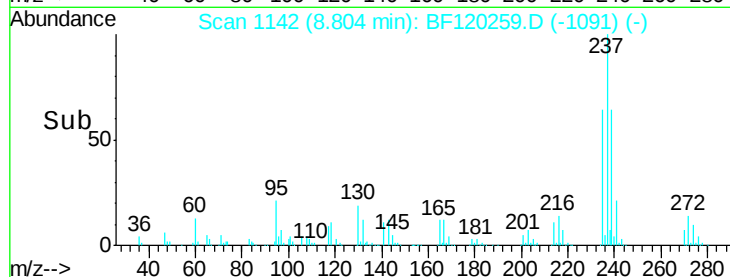
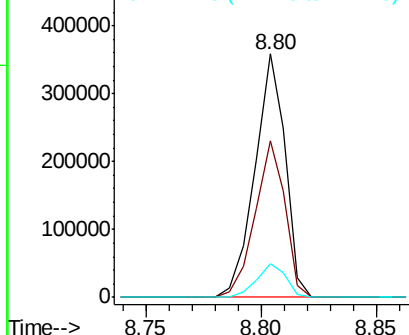
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.5	43.2	83.2
272	13.8	0.0	34.1

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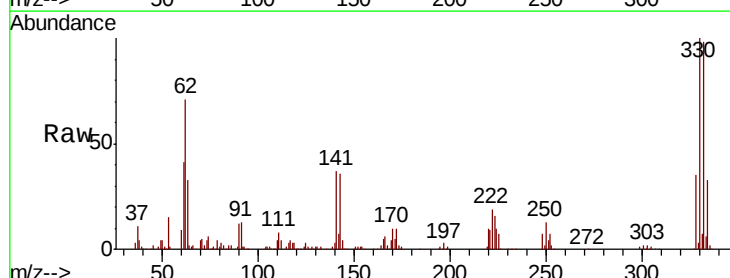


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

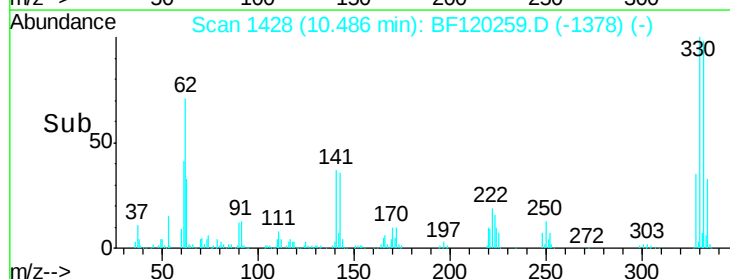
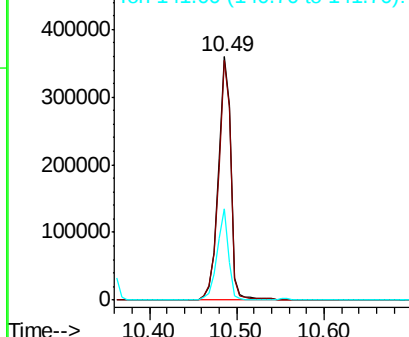


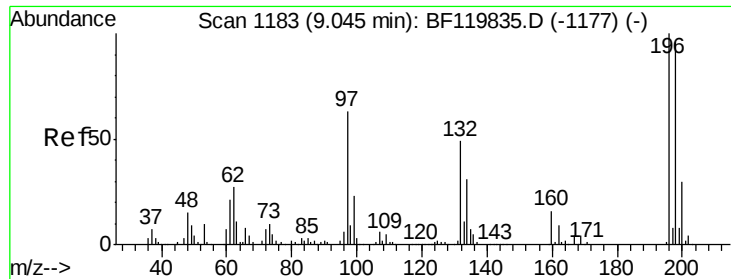
#42
2,4,6-Tribromophenol
Concen: 106.367 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	75.7	113.5
141	33.8	25.4	38.0



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





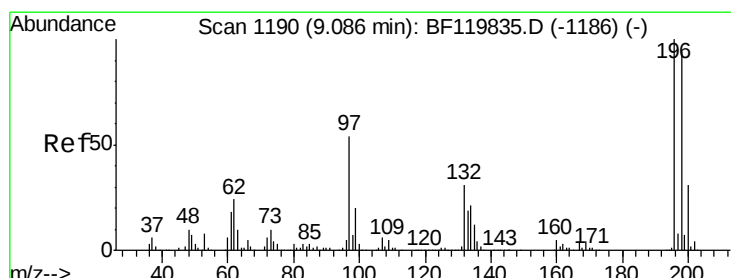
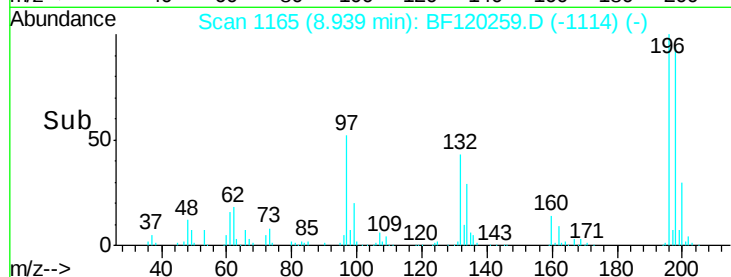
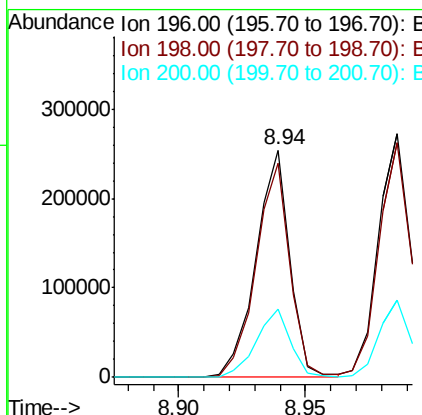
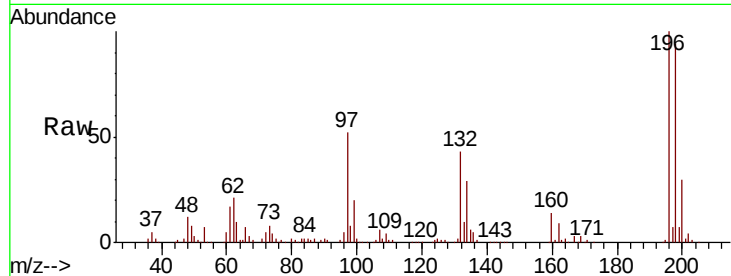
#43
 2,4,6-Trichlorophenol
 Concen: 39.166 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237581		
198	94.1	76.6	115.0	
200	30.0	24.6	36.8	

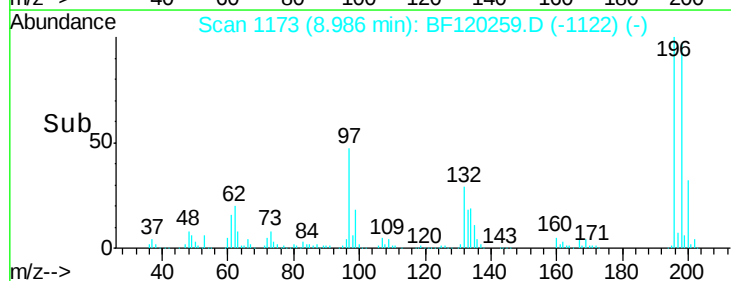
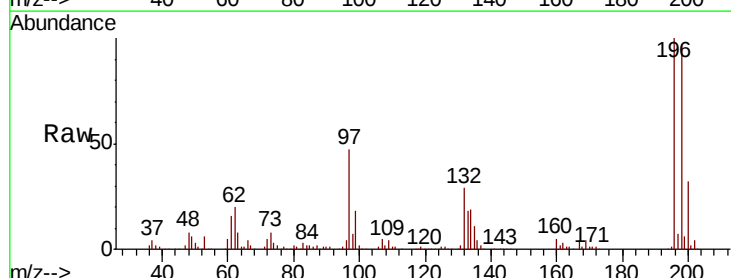
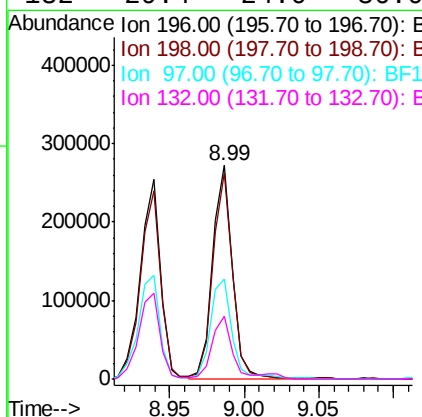
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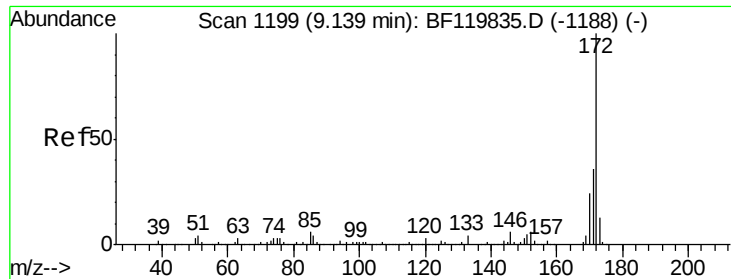
mohammad
 5/4/2020 3:45:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.672 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250549		
198	96.6	73.8	110.8	
97	46.6	42.6	63.8	
132	29.4	24.0	36.0	





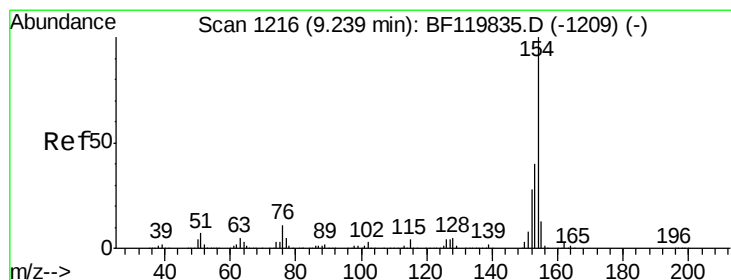
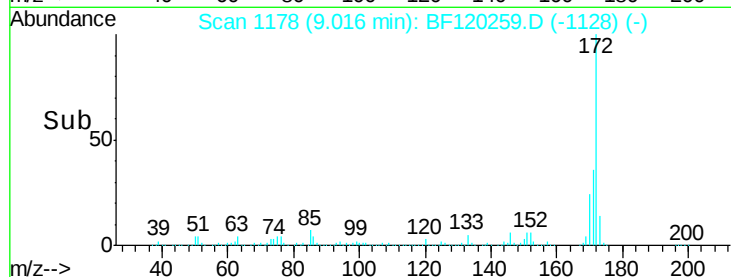
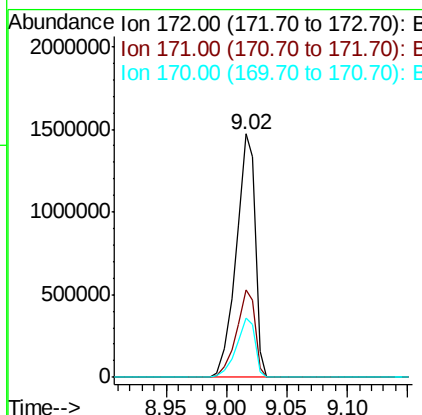
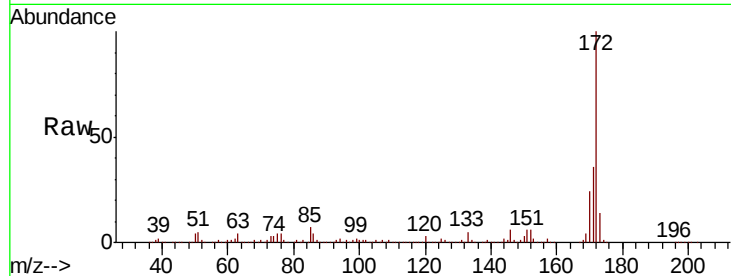
#45
 2-Fluorobiphenyl
 Concen: 82.341 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	20.2	30.2

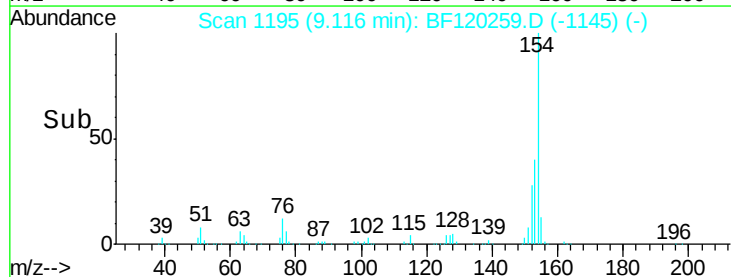
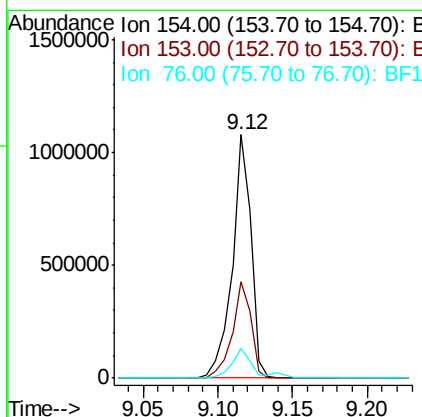
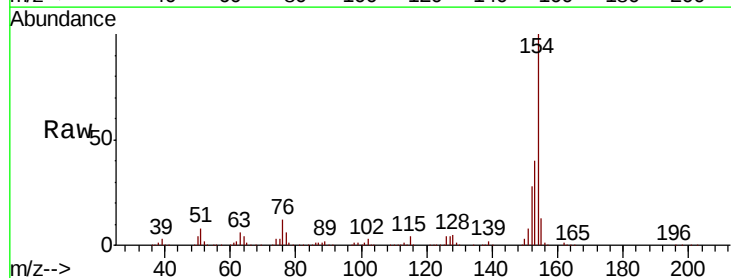
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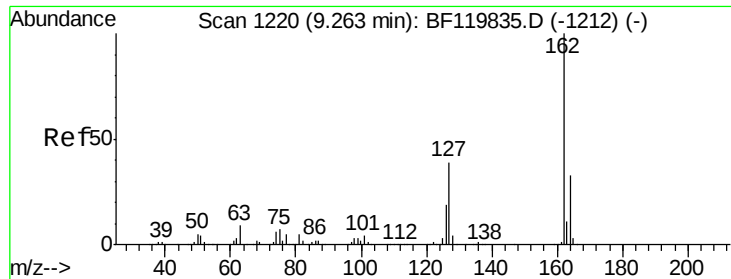
mohammad
 5/4/2020 3:45:10 PM



#46
 1,1'-Biphenyl
 Concen: 40.799 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.4	61.4
76	12.3	0.0	33.0





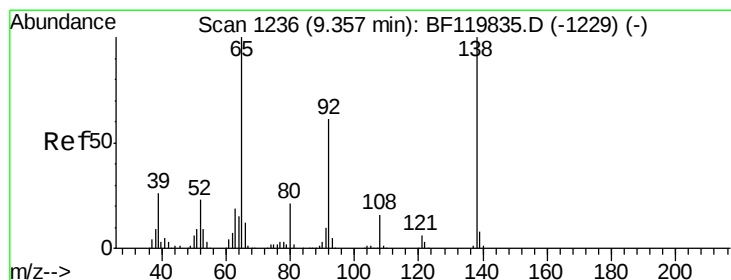
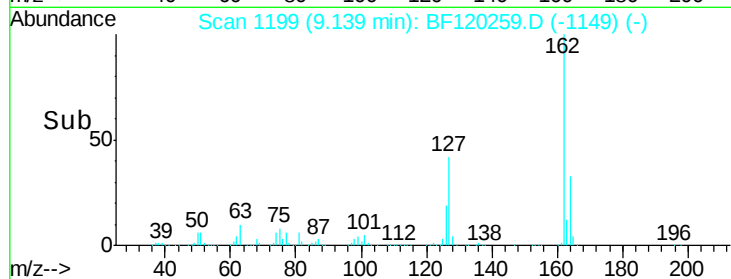
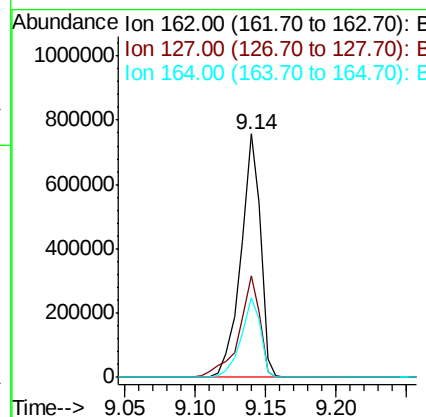
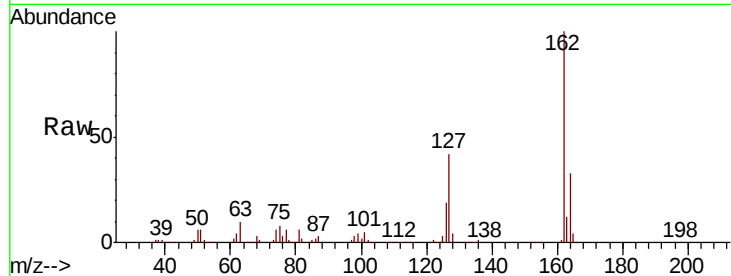
#47
 2-Chloronaphthalene
 Concen: 40.147 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.7	50.5
164	32.9	26.3	39.5

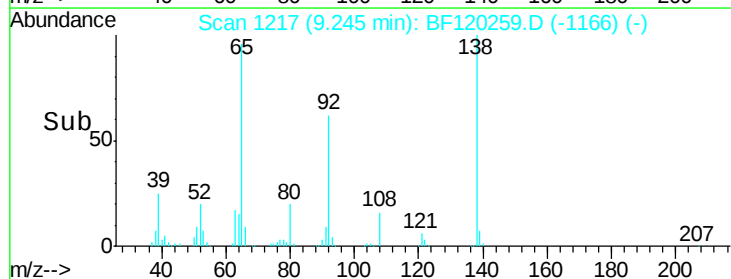
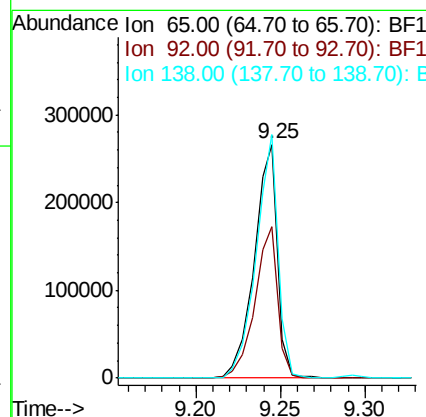
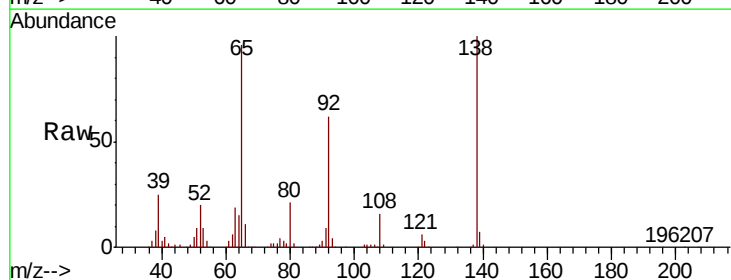
Manual Integrations
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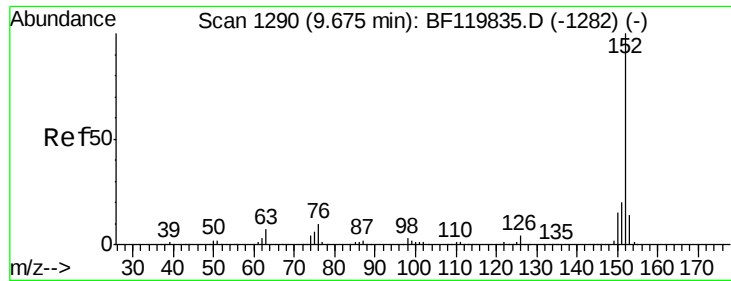
mohammad
 5/4/2020 3:45:10 PM



#48
 2-Nitroaniline
 Concen: 39.110 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	50.0	75.0
138	104.1	75.0	112.4





#49

Acenaphthylene

Concen: 42.237 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

Tot Ion:152 Resp: 1161623

Ion Ratio Lower Upper

152 100

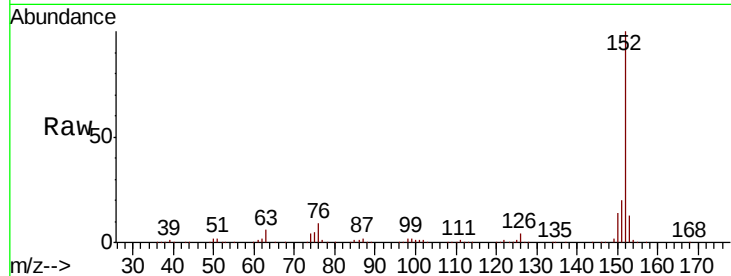
151 19.9 17.2 25.8

153 13.1 11.2 16.8

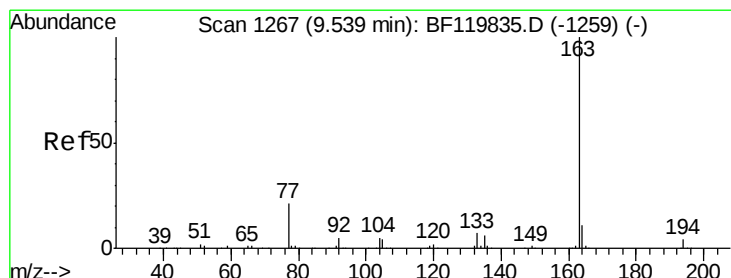
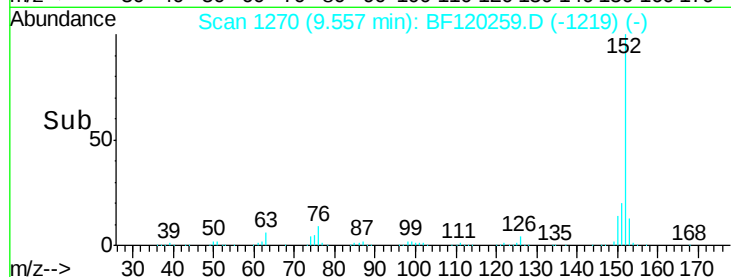
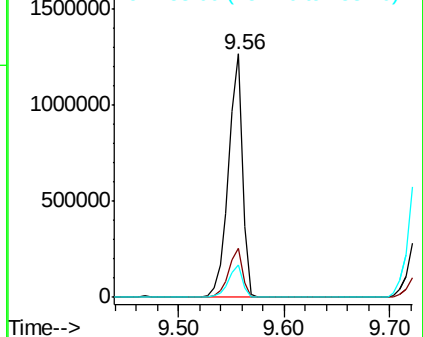
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.716 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

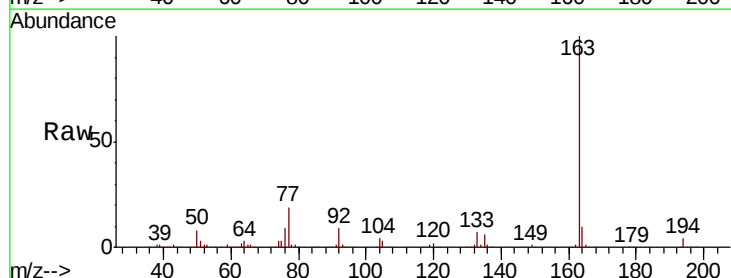
Tgt Ion:163 Resp: 875915

Ion Ratio Lower Upper

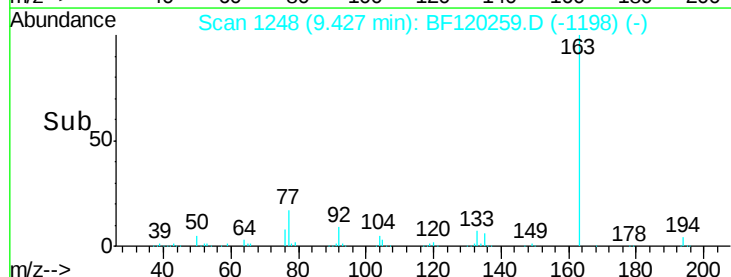
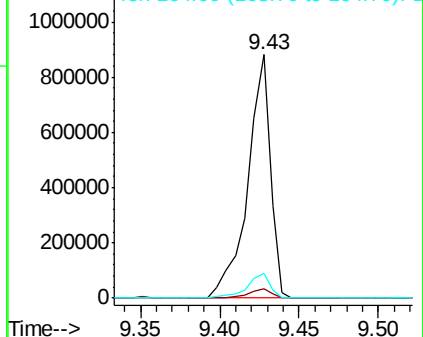
163 100

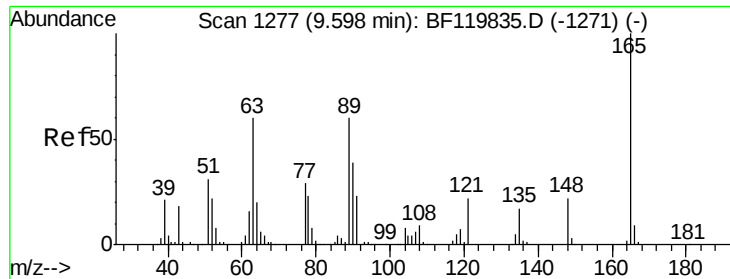
194 3.6 3.1 4.7

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





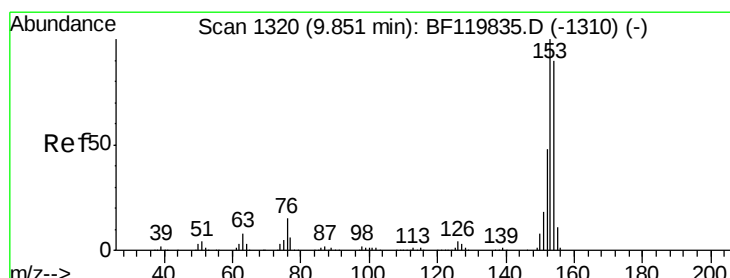
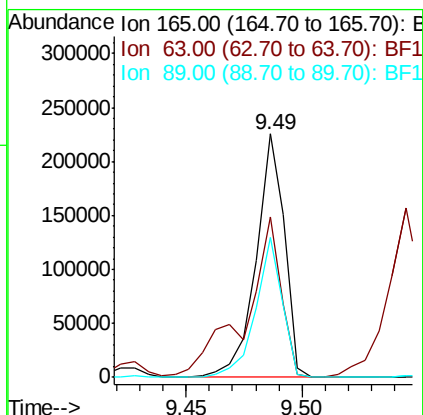
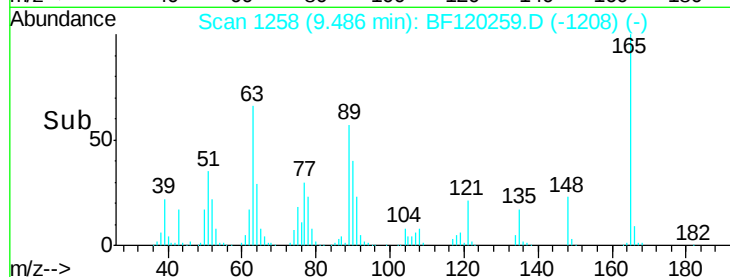
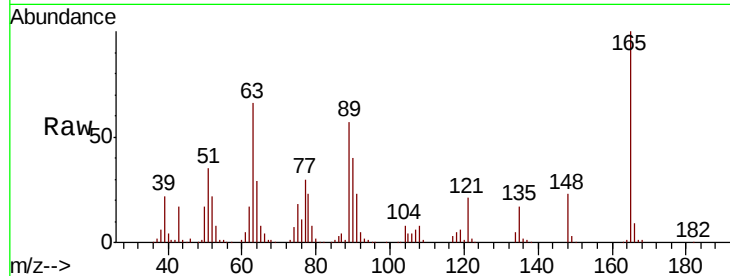
#51
2,6-Dinitrotoluene
Concen: 41.043 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	193350		
63	65.8	45.0	67.4	
89	57.4	41.5	62.3	

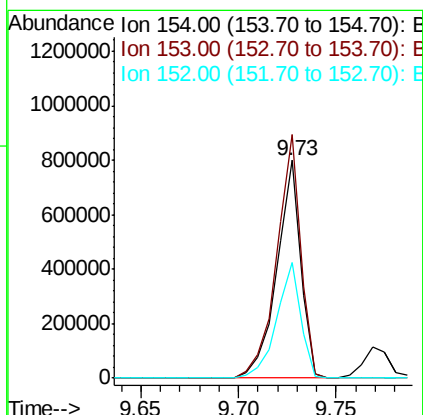
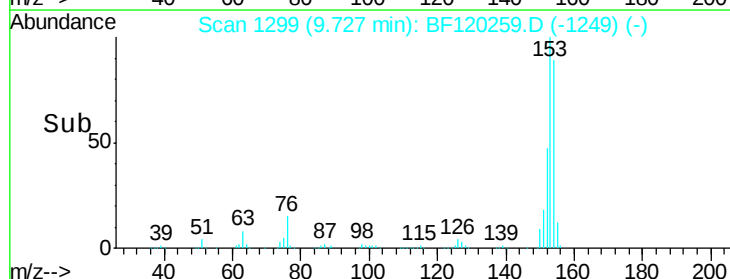
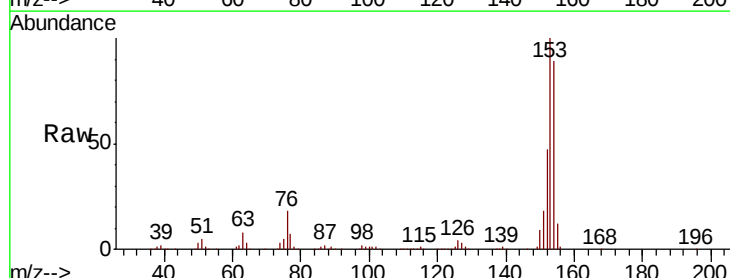
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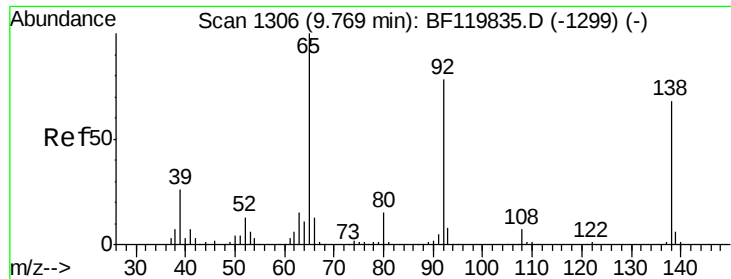
mohammad
5/4/2020 3:45:10 PM



#52
Acenaphthene
Concen: 37.034 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	679435		
153	111.8	88.1	132.1	
152	53.1	43.0	64.4	





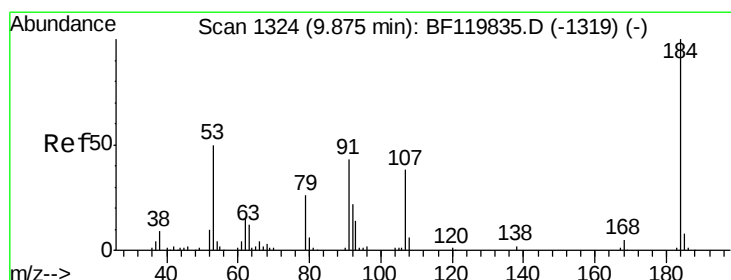
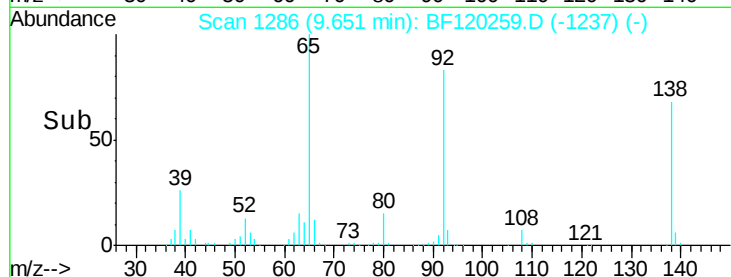
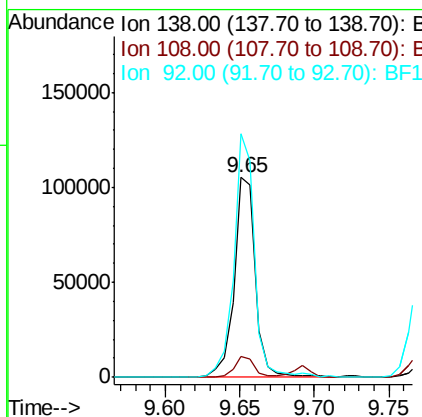
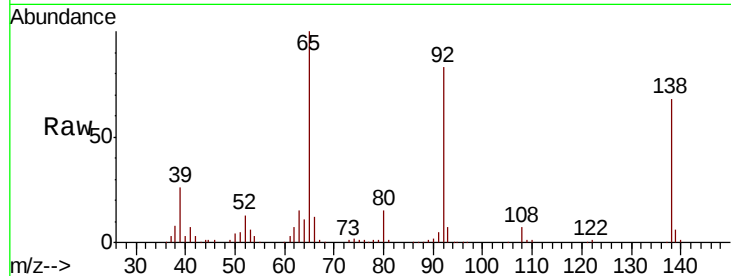
#53
3-Nitroaniline
Concen: 19.674 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	13.0
92	121.7	95.4	143.0

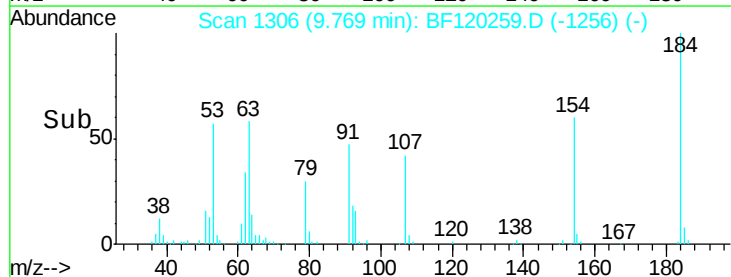
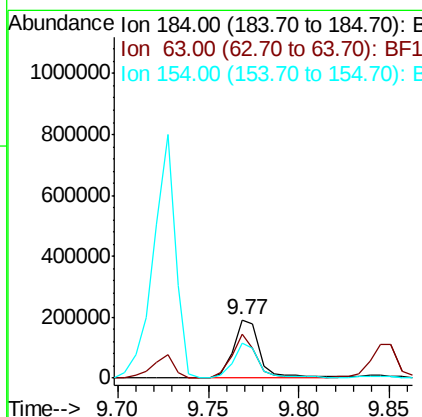
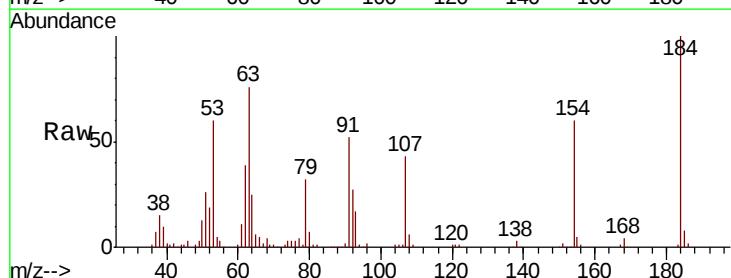
Manual Integrations
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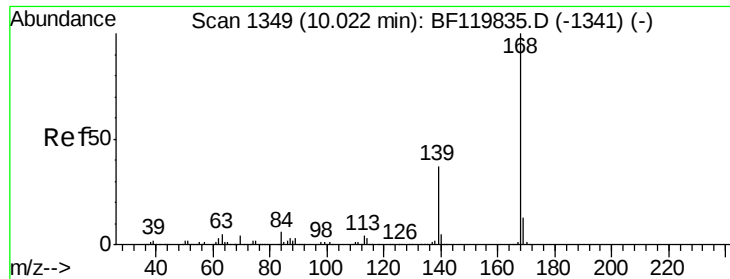
mohammad
5/4/2020 3:45:10 PM



#54
2,4-Dinitrophenol
Concen: 71.014 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.6	50.2	75.4#
154	59.7	44.5	66.7





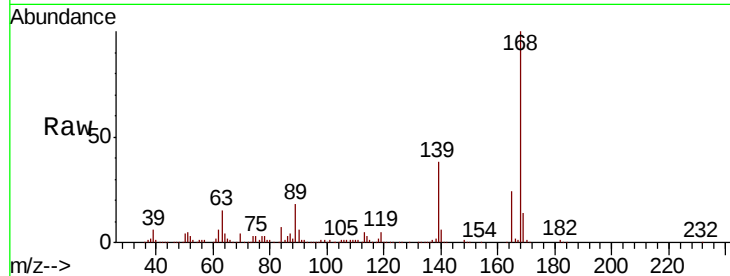
#55
Dibenzofuran
Concen: 41.070 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.9	11.0	16.6

Manual Integrations
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mohammad
5/4/2020 3:45:10 PM

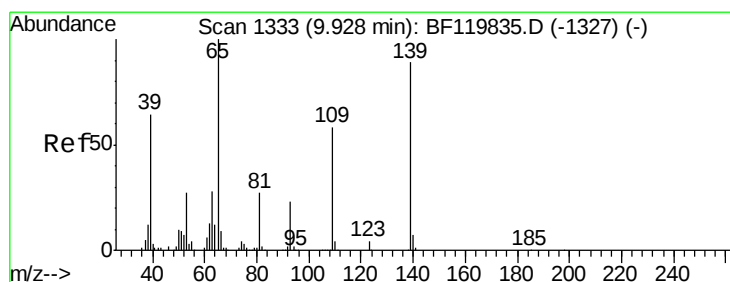
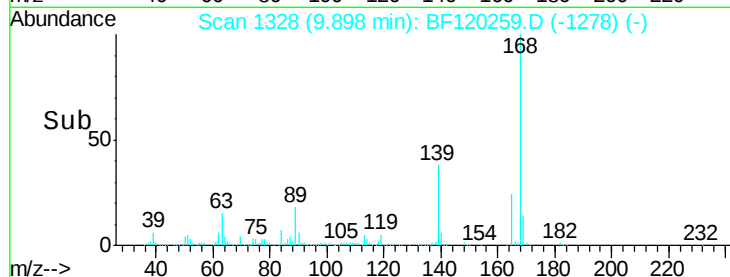
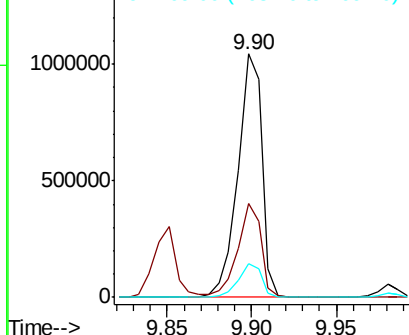


Abundance

Ion 168.00 (167.70 to 168.70): E

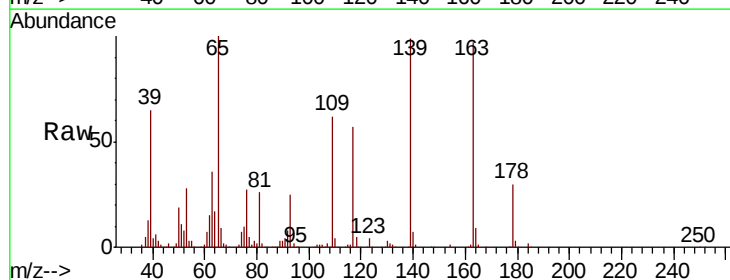
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 67.289 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	43.3	83.3
65	100.5	91.0	131.0

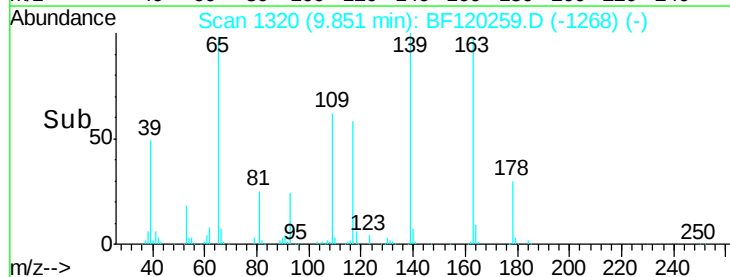
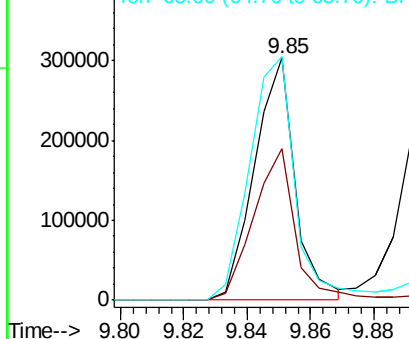


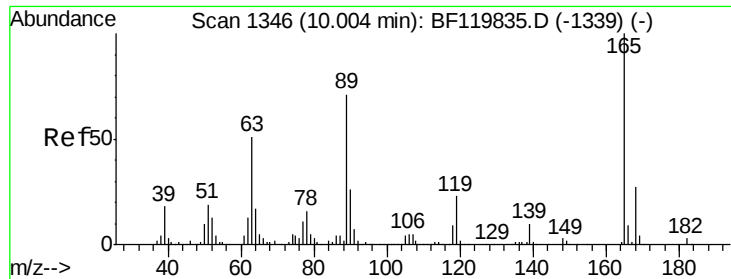
Abundance

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





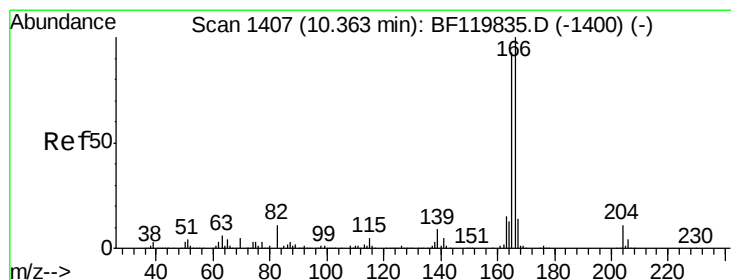
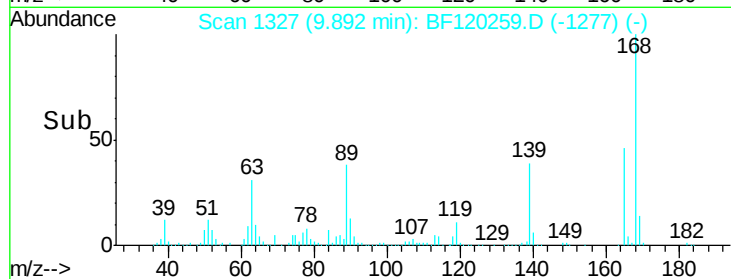
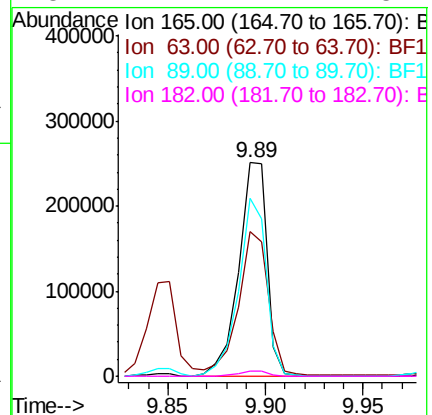
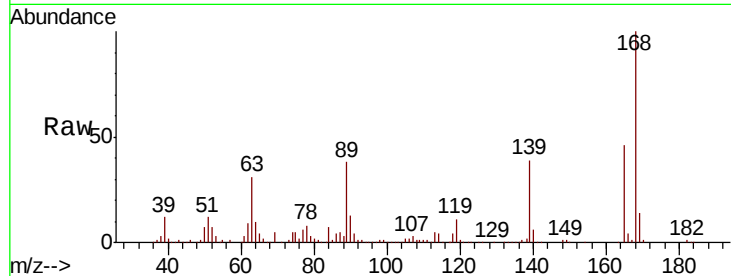
#57
2,4-Dinitrotoluene
Concen: 40.865 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253637		
63	67.8	42.6	64.0#	
89	83.6	61.0	91.4	
182	2.4	2.2	3.2	

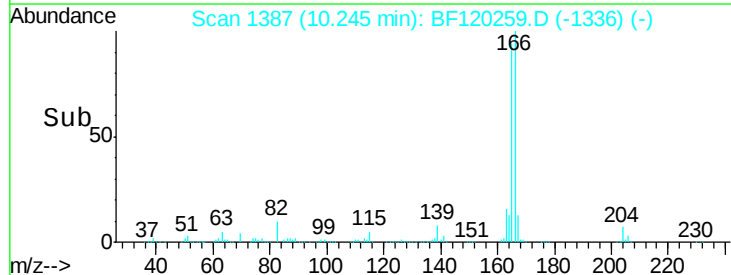
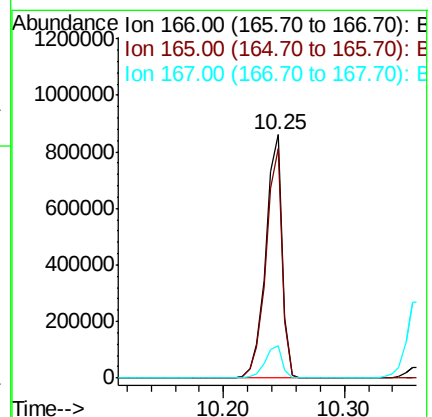
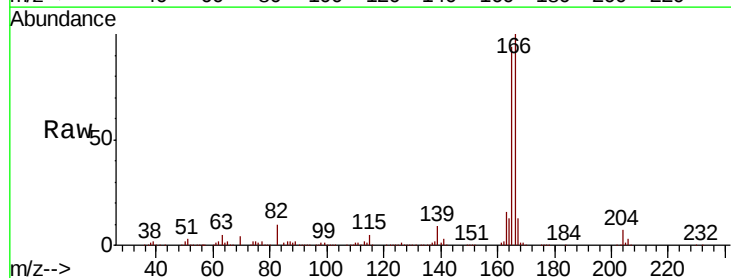
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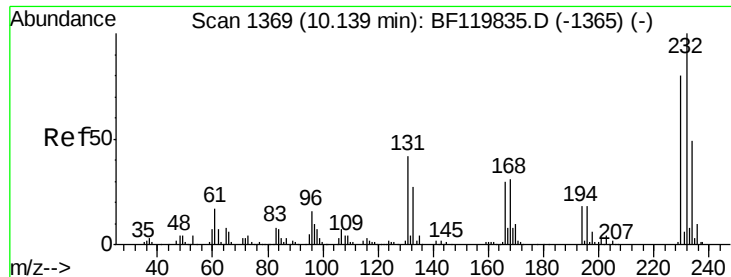
mohammad
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#58
Fluorene
Concen: 41.002 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	825527		
165	94.2	75.4	113.2	
167	13.4	11.2	16.8	





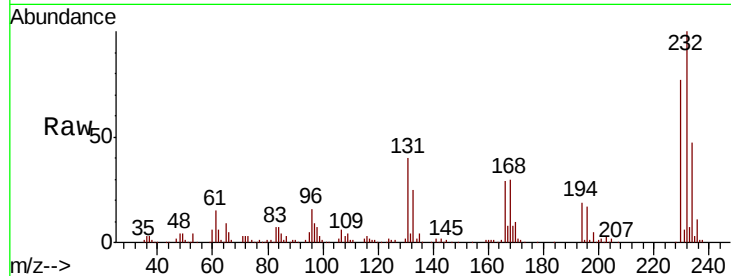
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.797 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

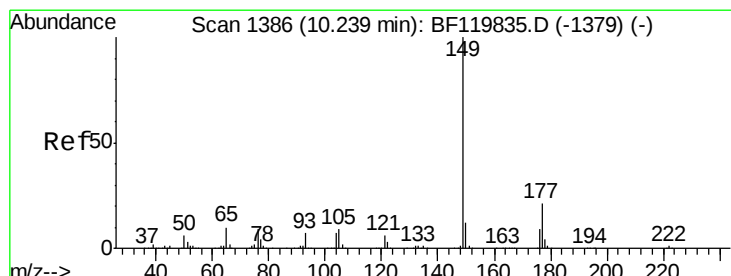
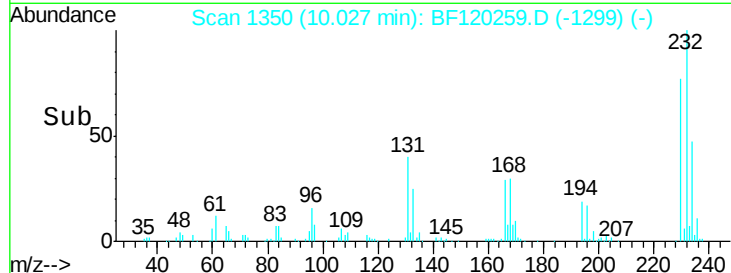
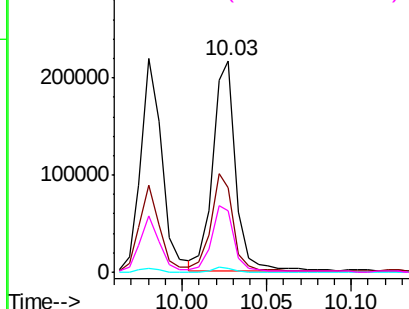
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		207953		
131	48.0	37.5	56.3		
130	2.3	1.8	2.6		
166	32.4	24.6	36.8		

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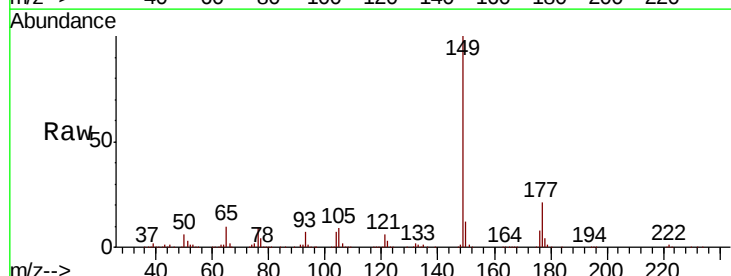


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

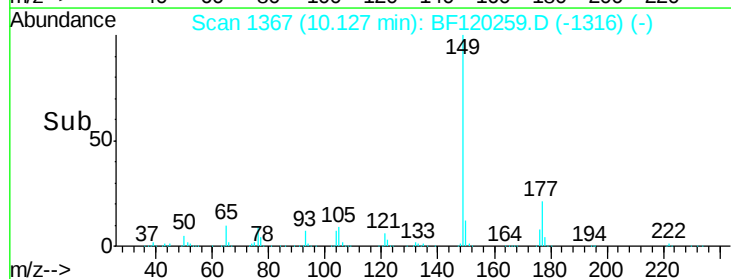
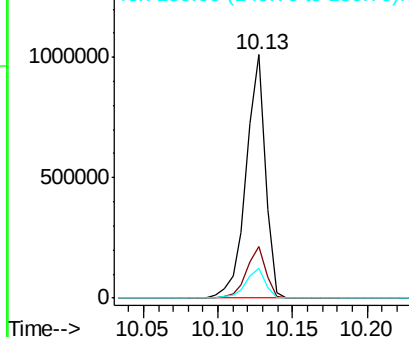


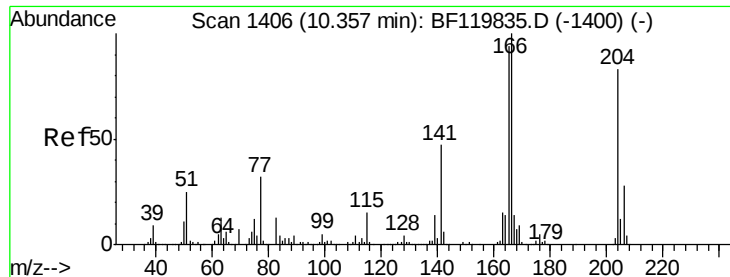
#60
Diethylphthalate
Concen: 40.276 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		898020		
177	21.0	17.0	25.6		
150	12.4	10.1	15.1		



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





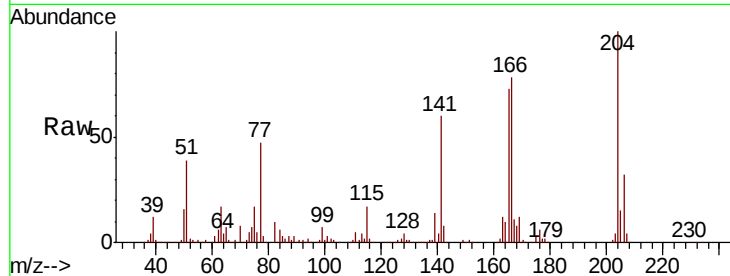
#61
 4-Chlorophenyl-phenylether
 Concen: 38.408 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

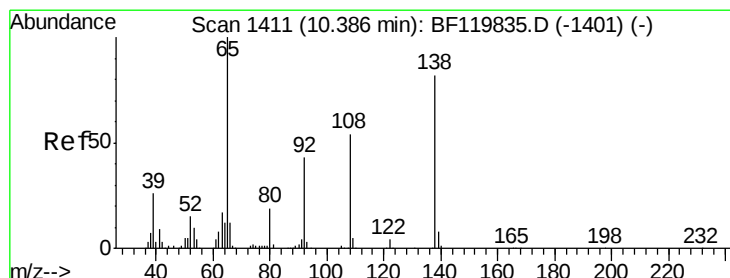
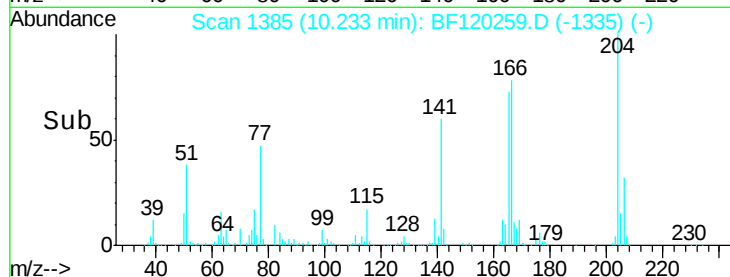
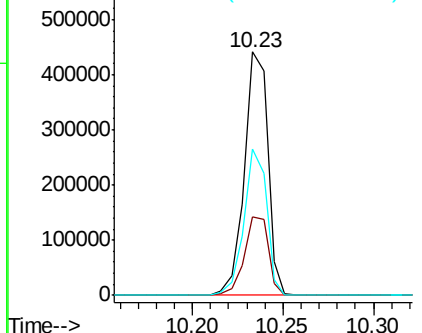
Tot Ion:	204	Resp:	396353
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.7	40.1
141	59.9	47.3	70.9

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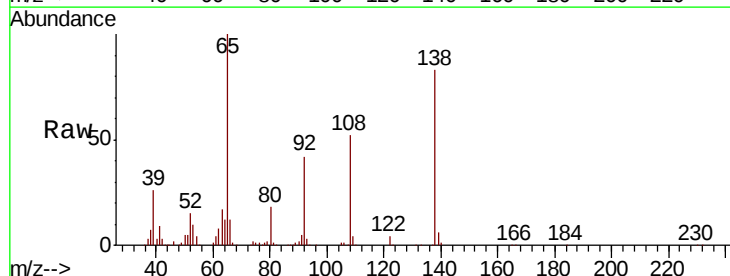


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

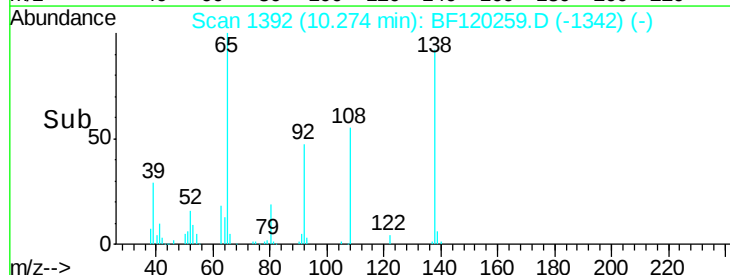
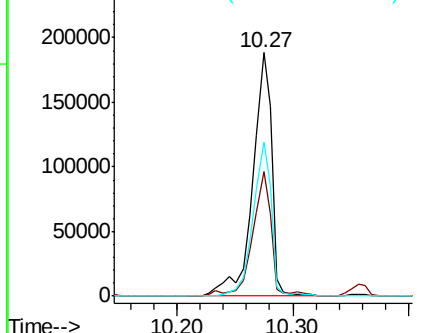


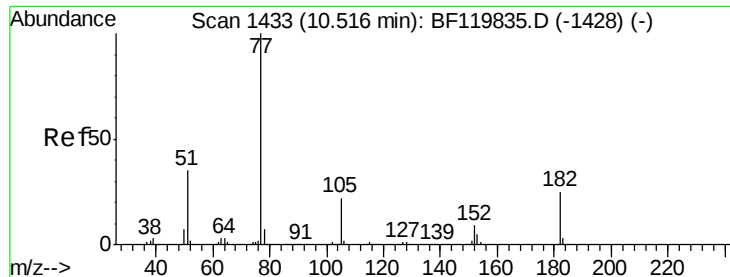
#62
 4-Nitroaniline
 Concen: 42.023 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:	138	Resp:	215473
Ion Ratio	Lower	Upper	
138	100		
92	51.0	31.5	71.5
108	63.5	45.8	85.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





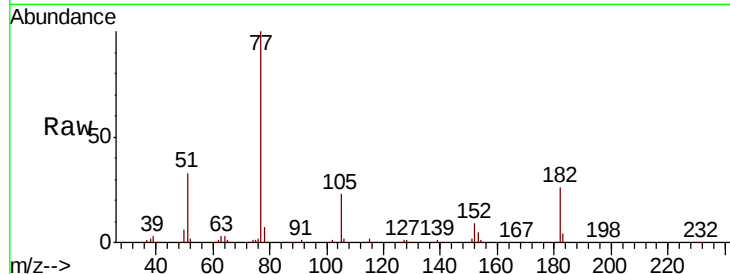
#63
Azobenzene
Concen: 41.882 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

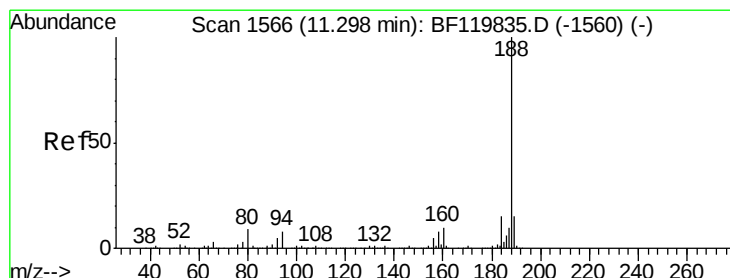
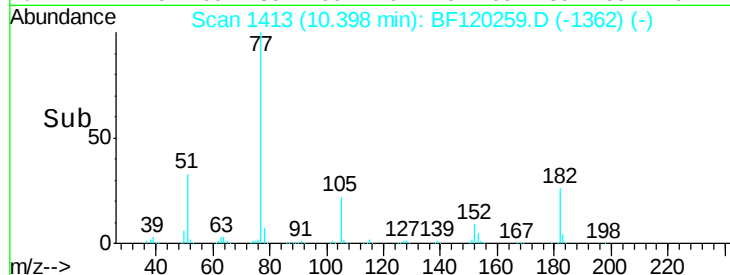
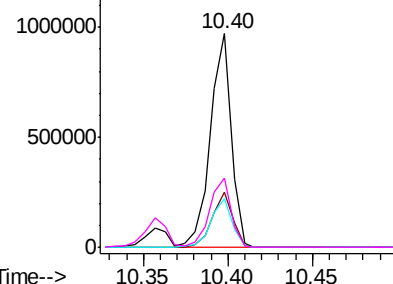
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.4	44.4
105	22.5	2.6	42.6
51	32.6	15.1	55.1

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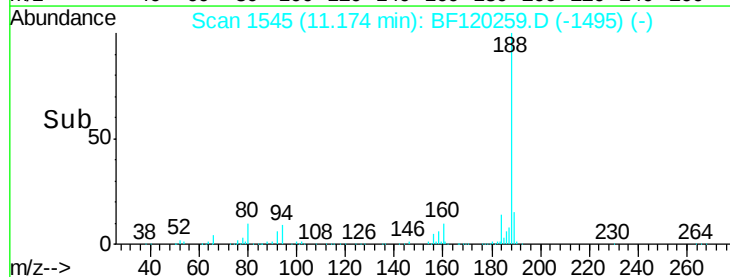
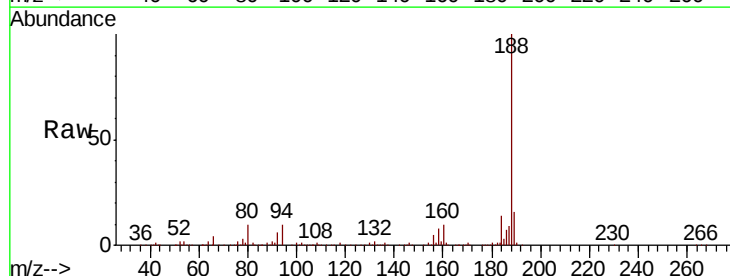
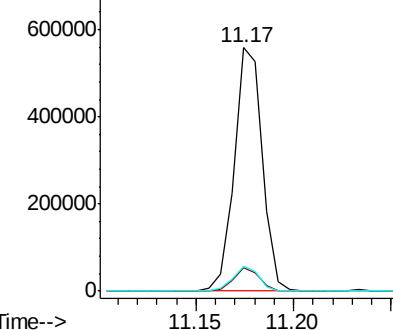
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

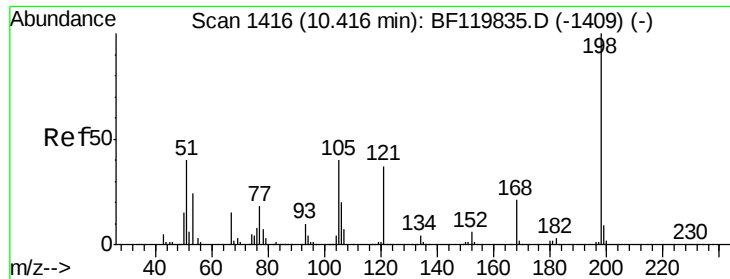


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.2	9.0	13.4

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





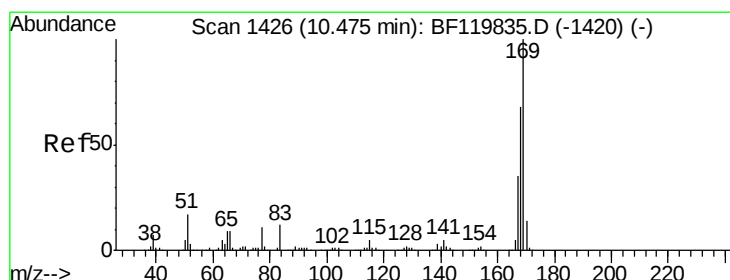
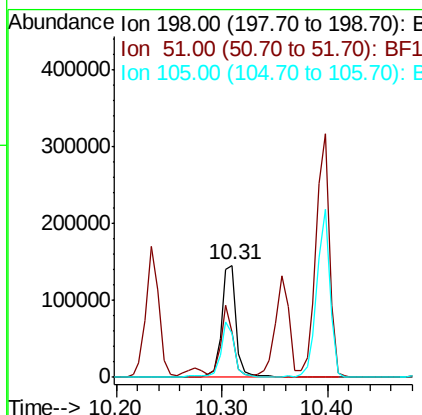
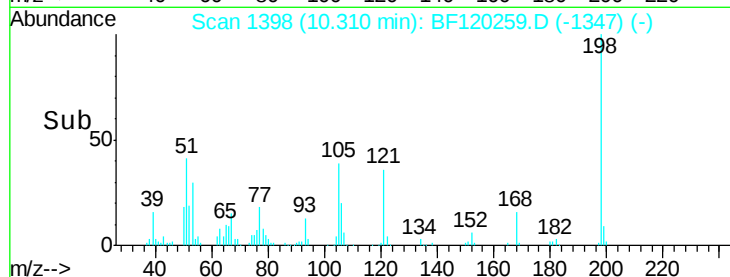
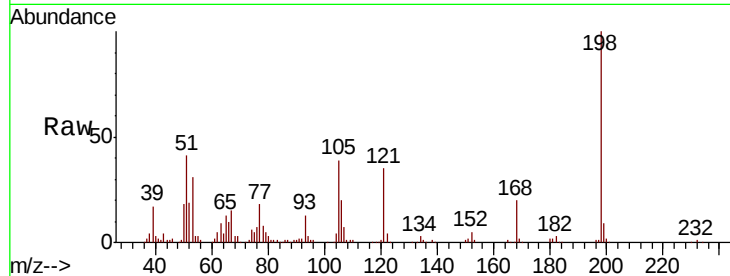
#65
4,6-Dinitro-2-methylphenol
Concen: 39.190 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.7	29.0	69.0
105	39.0	22.2	62.2

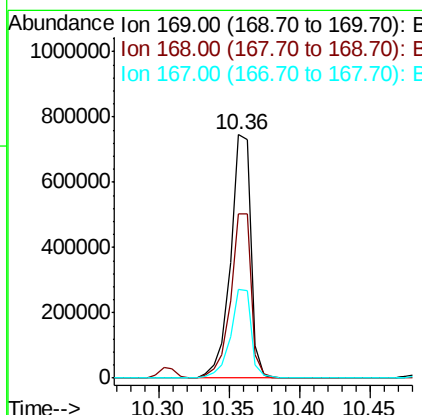
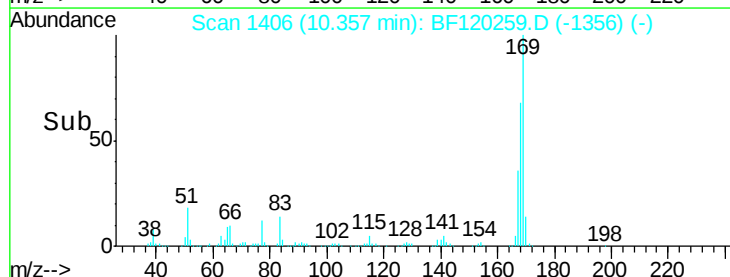
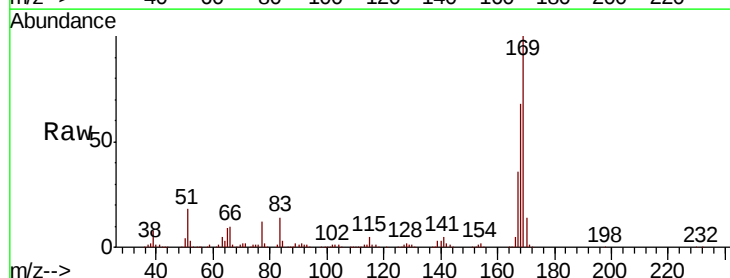
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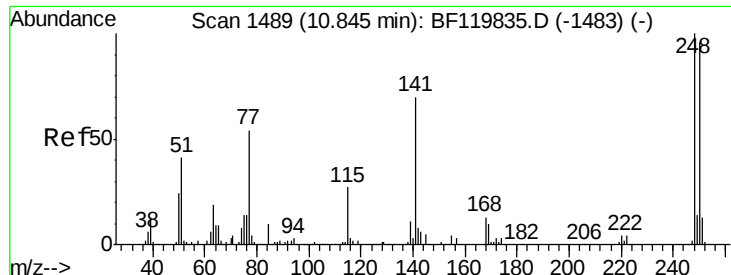
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#66
n-Nitrosodiphenylamine
Concen: 40.560 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.2	29.1	43.7





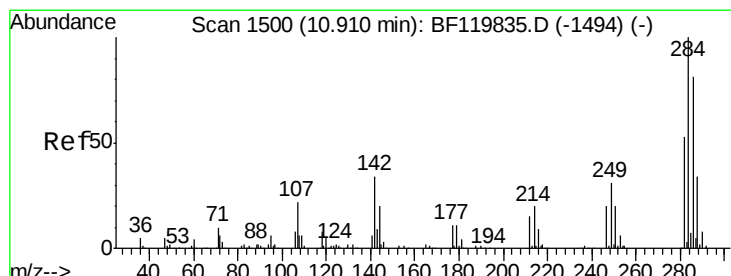
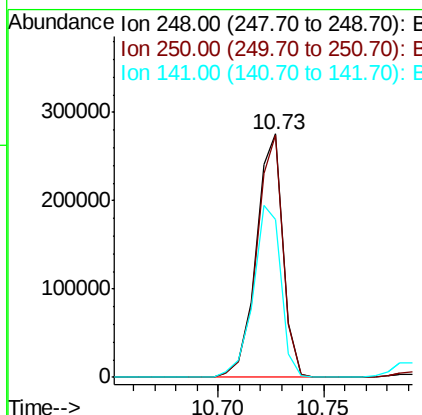
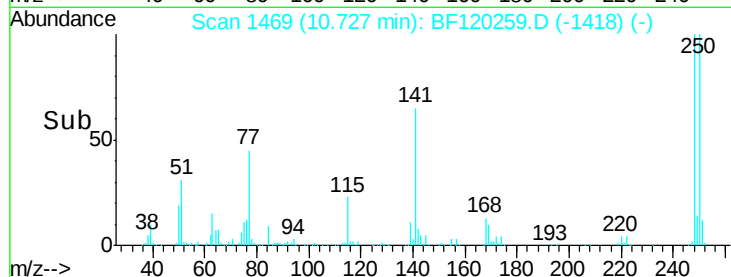
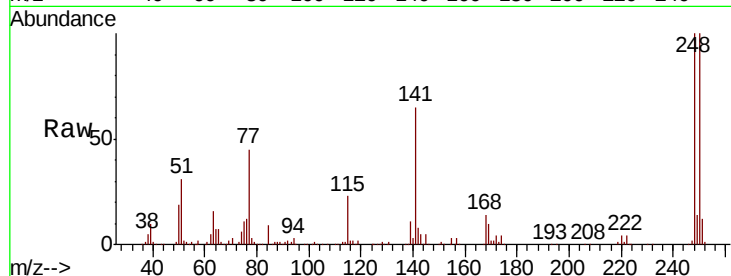
#67
 4-Bromophenyl-phenylether
 Concen: 35.532 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:	248	Resp:	244173
Ion Ratio	Lower	Upper	
248	100		
250	99.5	77.3	115.9
141	65.0	58.6	87.8

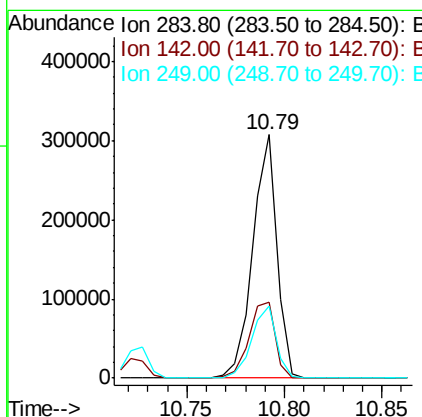
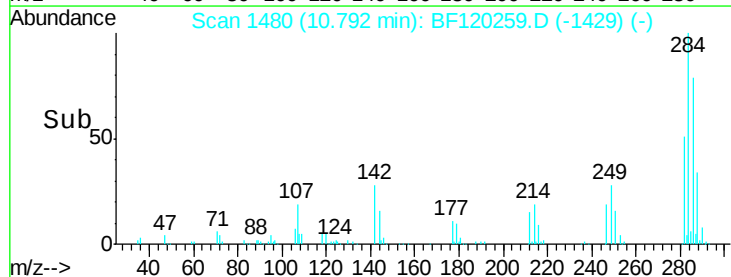
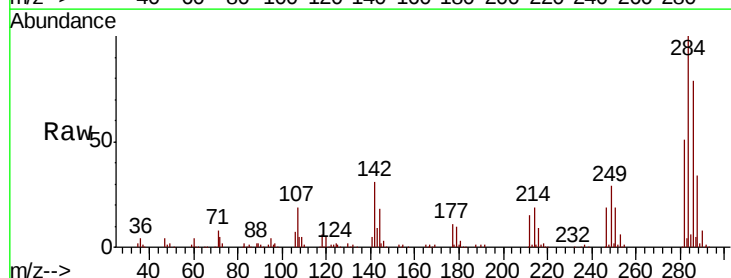
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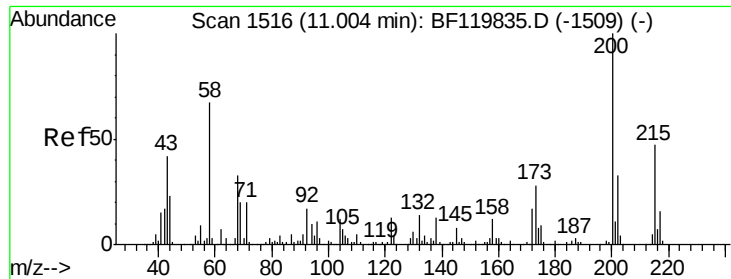
mohammad
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#68
 Hexachlorobenzene
 Concen: 37.855 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:	284	Resp:	263899
Ion Ratio	Lower	Upper	
284	100		
142	31.3	29.2	43.8
249	29.4	25.1	37.7





#69

Atrazine

Concen: 42.677 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

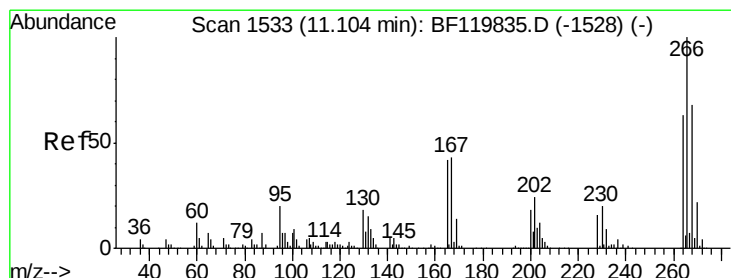
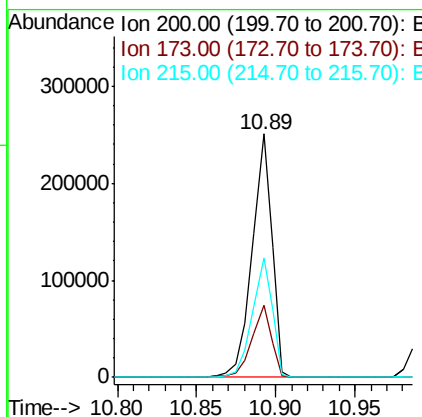
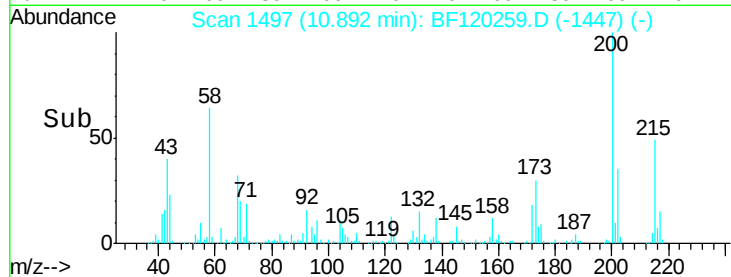
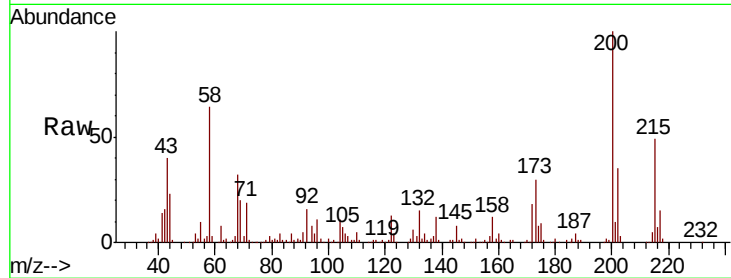
ClientSampleId :

PB128596BS

Tot Ion:	200	Resp:	218213
Ion Ratio	Lower	Upper	
200	100		
173	29.6	9.3	49.3
215	49.1	29.5	69.5

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#70

Pentachlorophenol

Concen: 57.858 ng

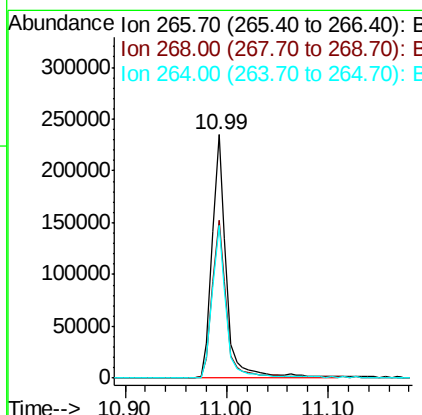
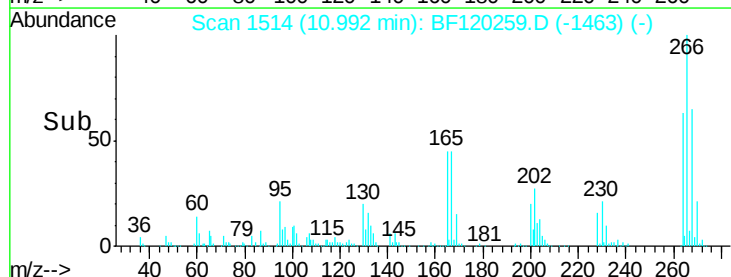
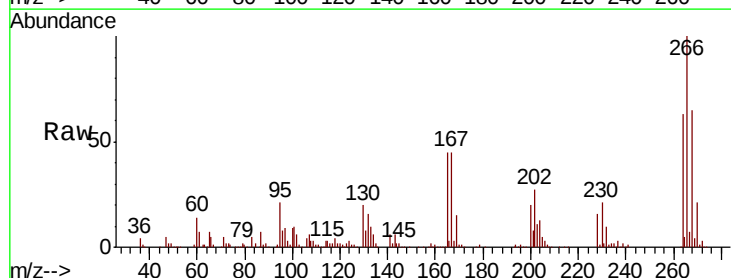
RT: 10.99 min Scan# 1514

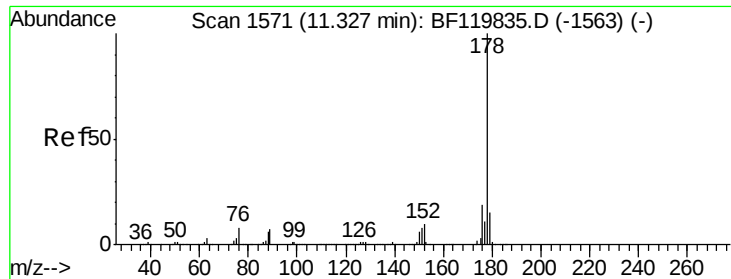
Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	266	Resp:	232438
Ion Ratio	Lower	Upper	
266	100		
268	65.0	53.3	79.9
264	62.7	49.0	73.4





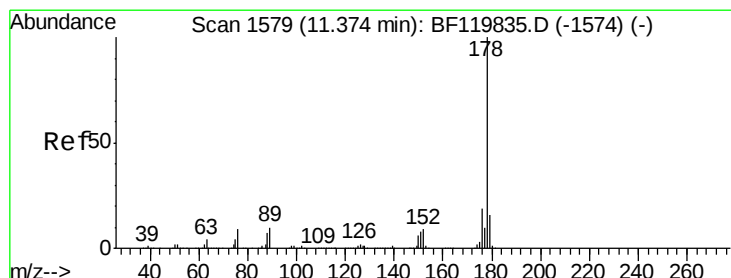
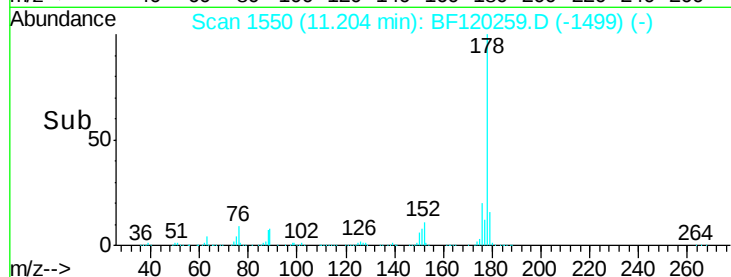
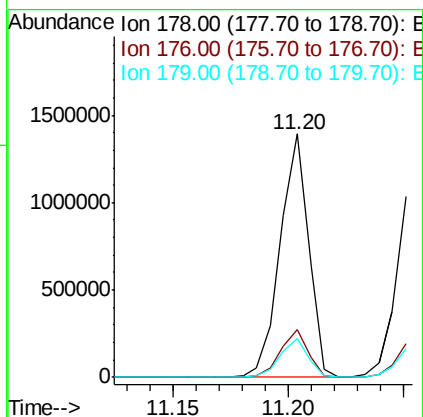
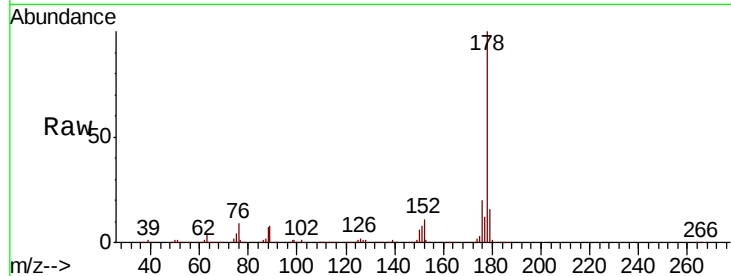
#71
Phenanthrene
Concen: 40.490 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:178 Resp: 1190766
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.9 13.2 19.8

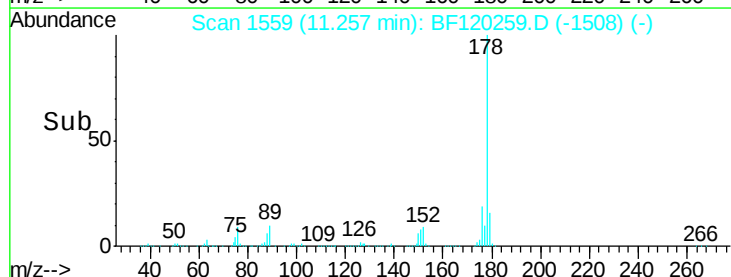
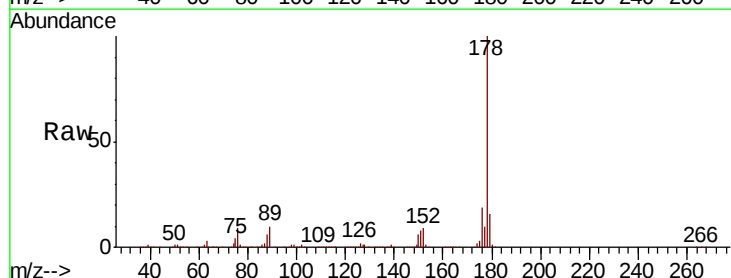
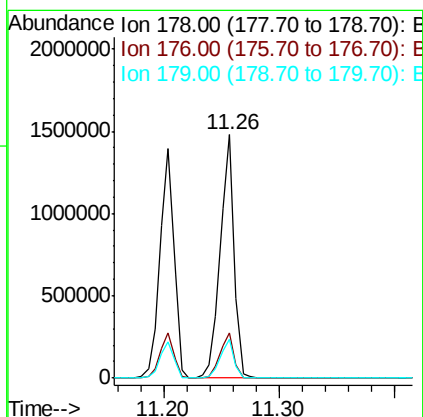
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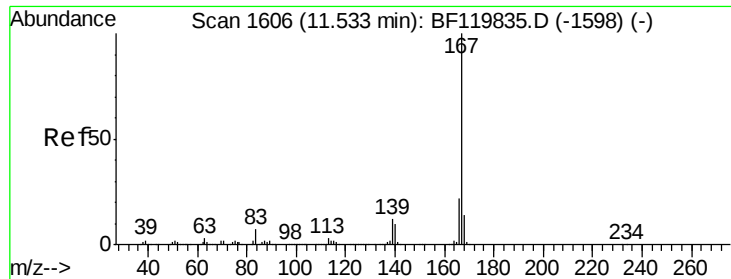
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#72
Anthracene
Concen: 41.447 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:178 Resp: 1245186
Ion Ratio Lower Upper
178 100
176 18.6 16.1 24.1
179 15.8 13.0 19.4





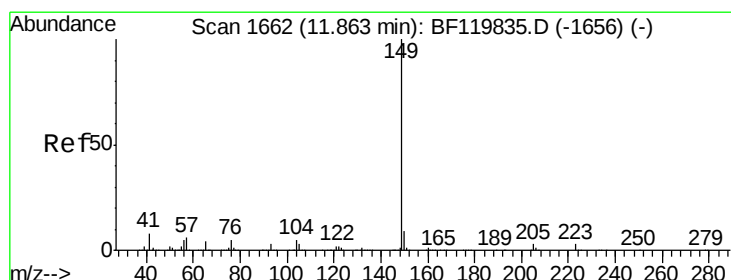
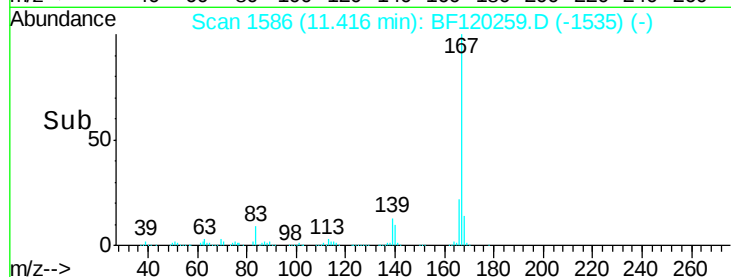
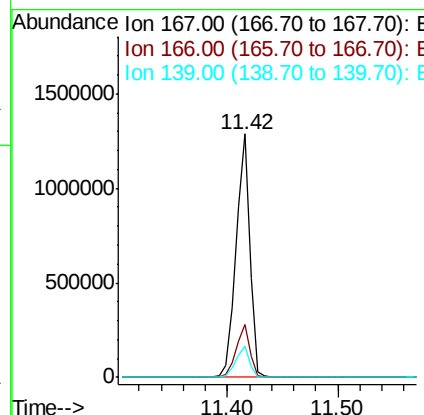
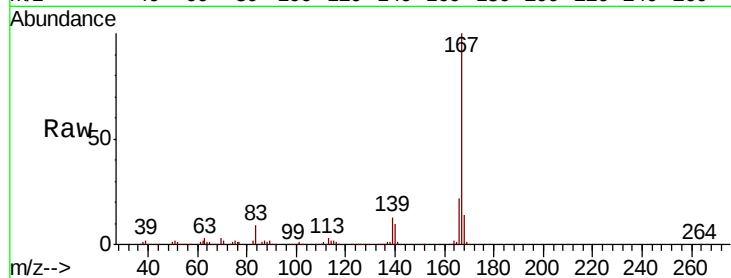
#73
 Carbazole
 Concen: 40.070 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	13.0	10.7	16.1

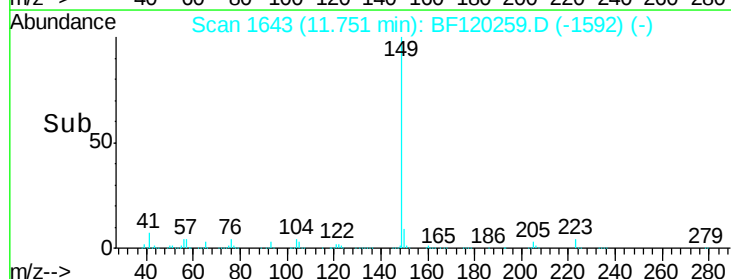
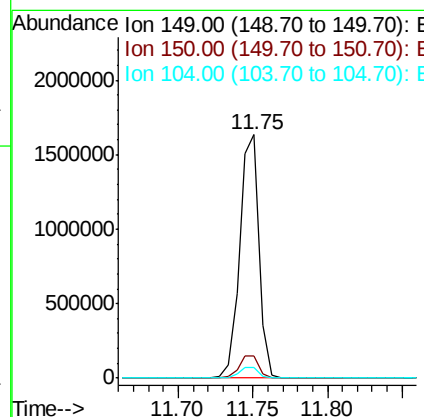
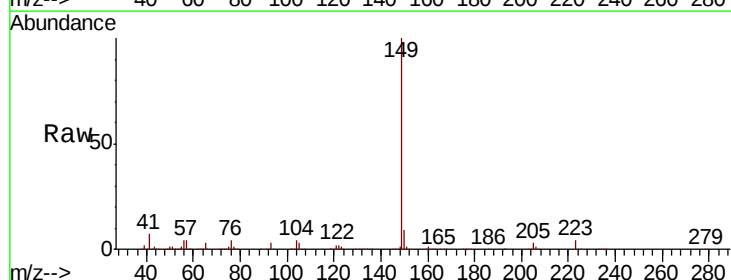
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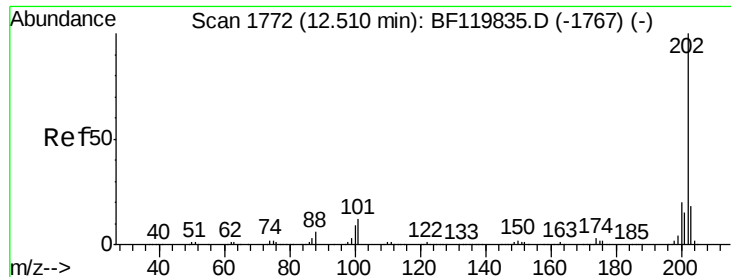
mohammad
 5/4/2020 3:45:10 PM



#74
 Di-n-butylphthalate
 Concen: 39.663 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 42.032 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

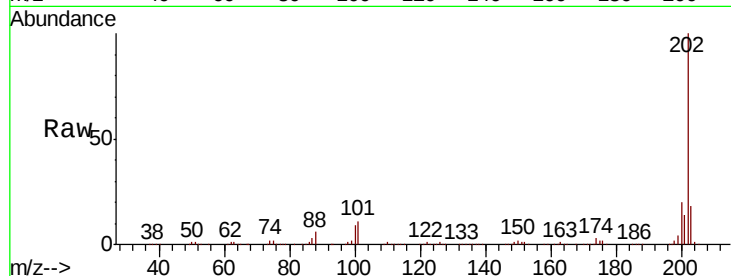
ClientSampleId :

PB128596BS

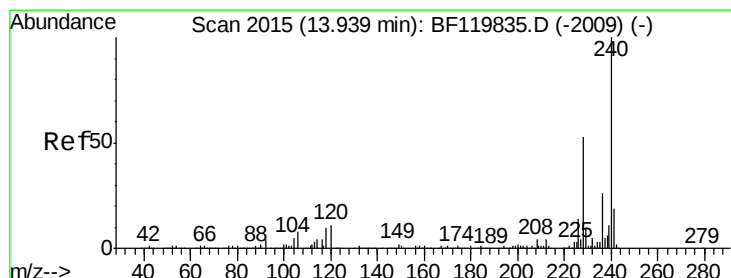
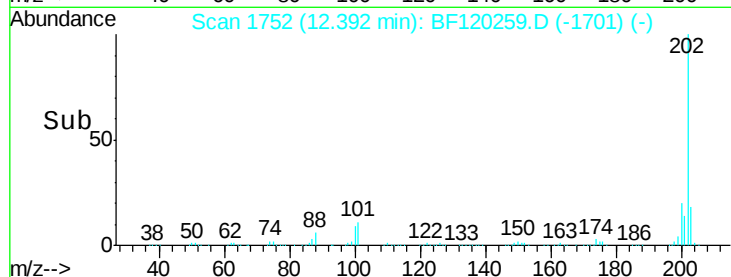
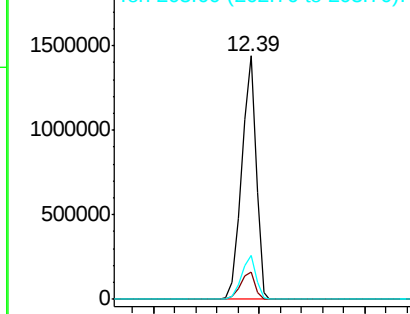
Tot Ion:	202	Resp:	1333737
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	32.2
203	17.9	0.0	38.8

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000 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

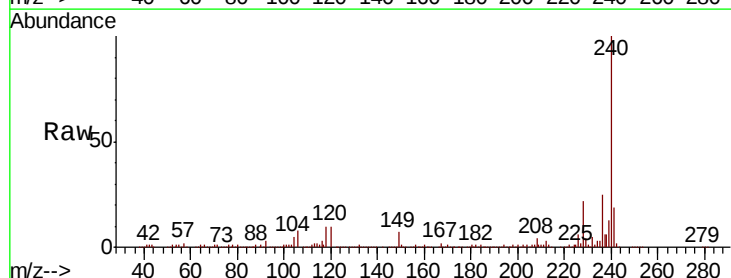
RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

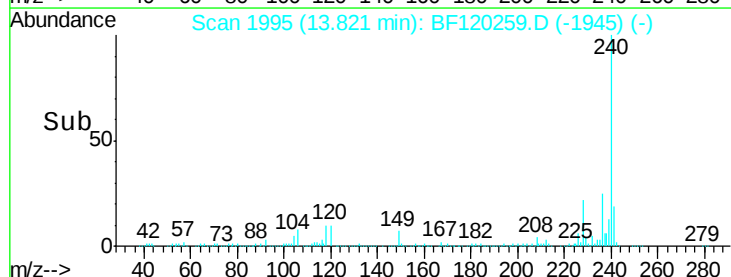
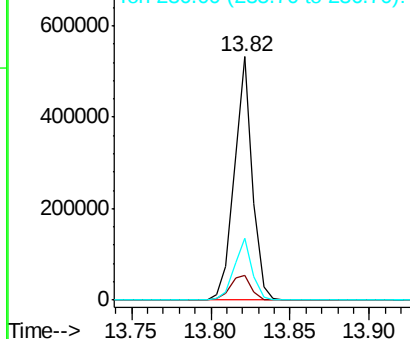
Lab File: BF120259.D

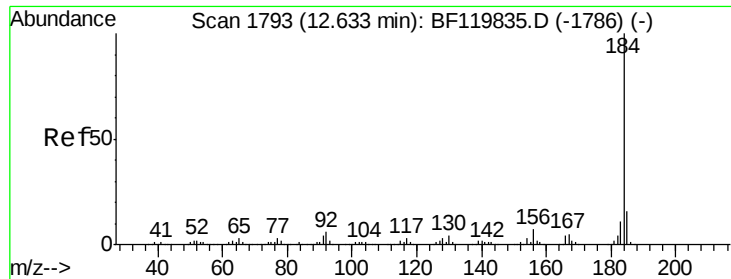
Acq: 1 May 2020 15:39

Tgt Ion:	240	Resp:	417542
Ion Ratio	Lower	Upper	
240	100		
120	10.4	10.6	15.8#
236	25.3	20.2	30.2



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: 52.727 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

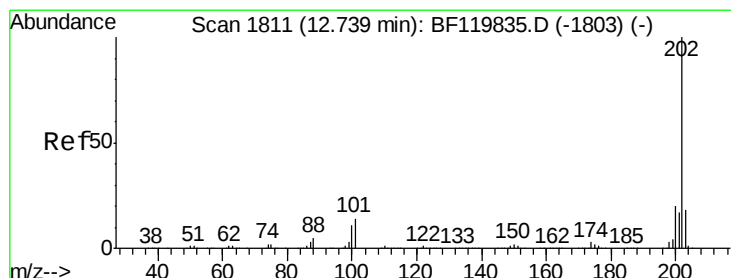
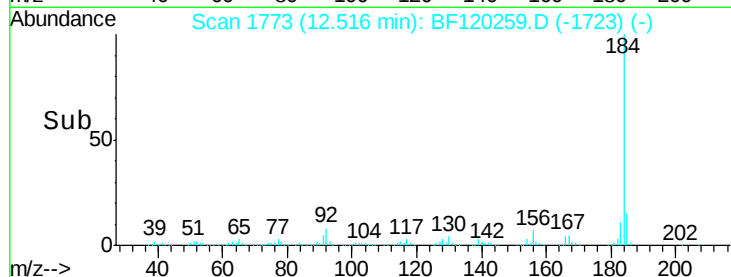
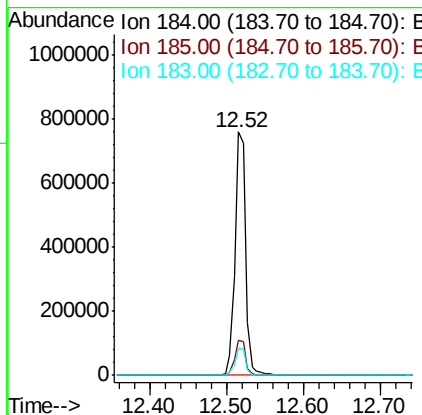
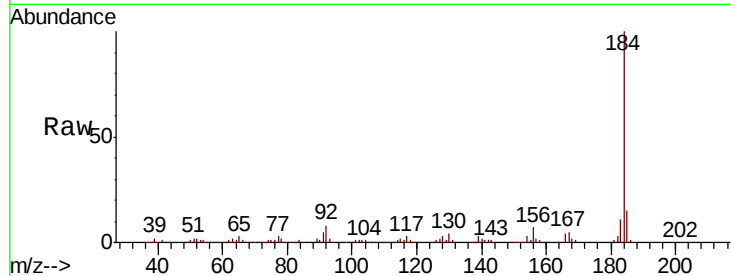
ClientSampleId :

PB128596BS

Tot Ion:	184	Resp:	744202
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.3	18.5
183	11.2	9.0	13.6

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#78

Pyrene

Concen: 38.118 ng

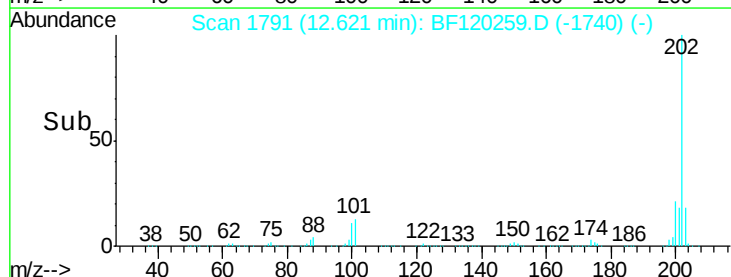
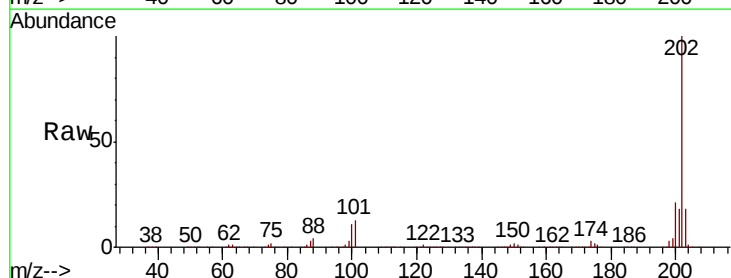
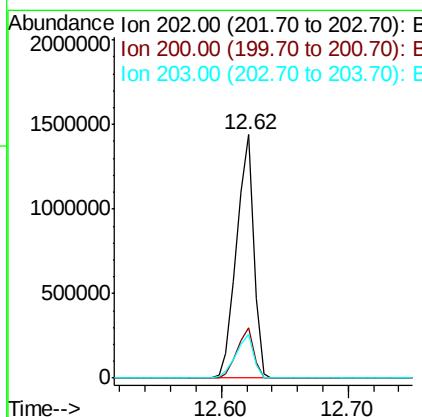
RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	202	Resp:	1341752
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	17.8	15.1	22.7





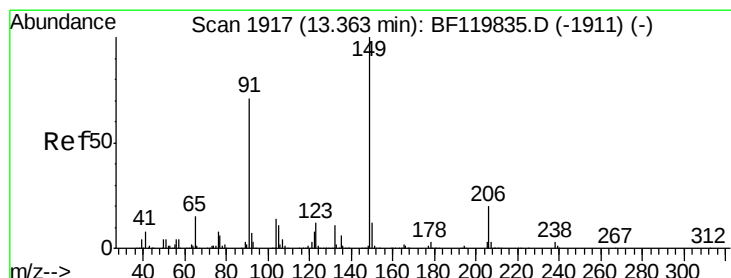
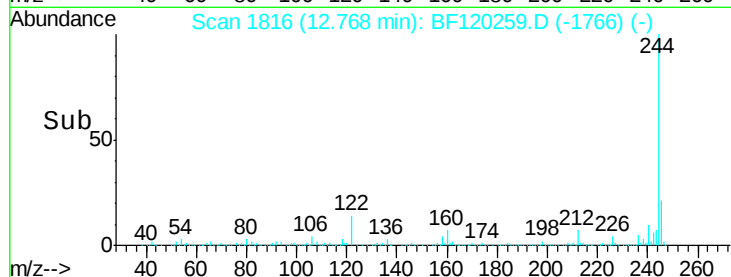
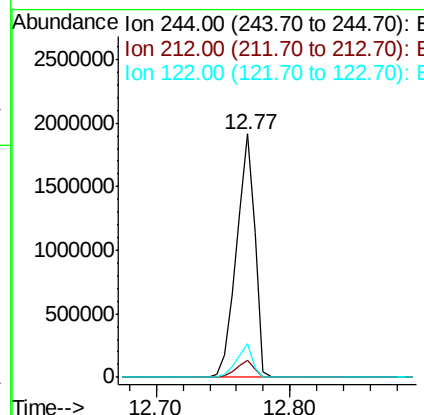
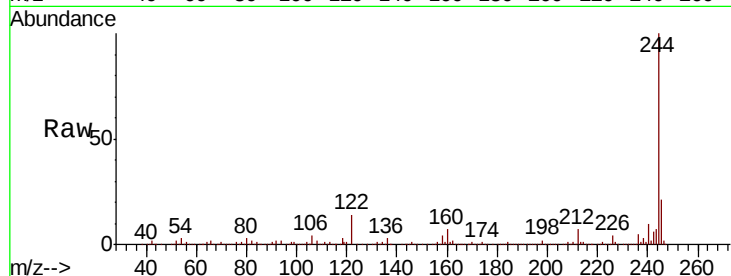
#79
 Terphenyl-d14
 Concen: 75.112 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.7	10.3	15.5

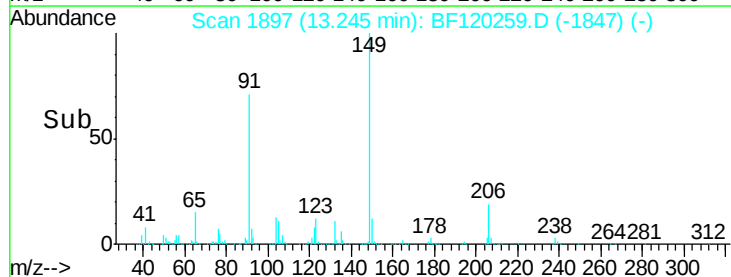
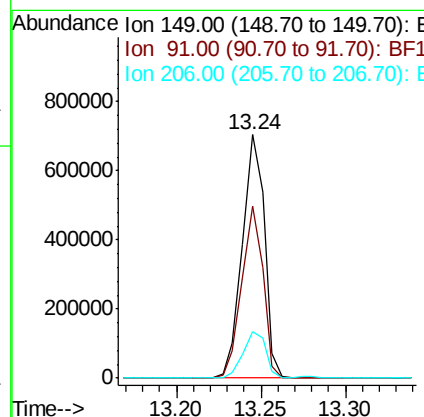
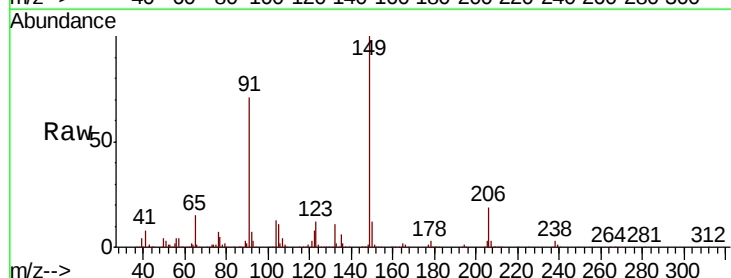
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#80
 Butylbenzylphthalate
 Concen: 37.632 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	54.7	82.1
206	18.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 40.946 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

Tot Ion:228 Resp: 1124730

Ion Ratio Lower Upper

228 100

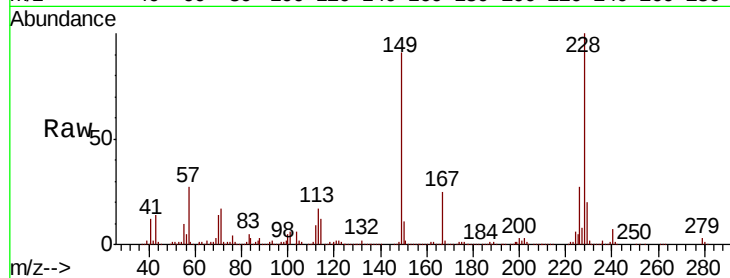
226 26.9 21.8 32.8

229 19.6 16.2 24.4

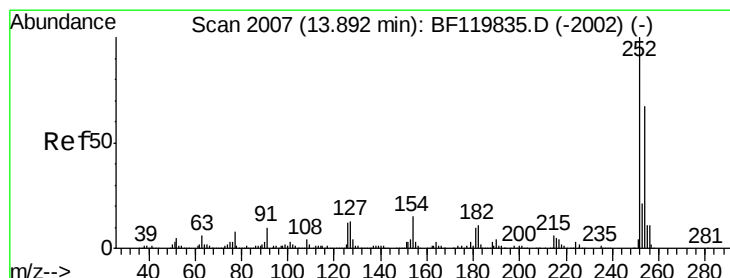
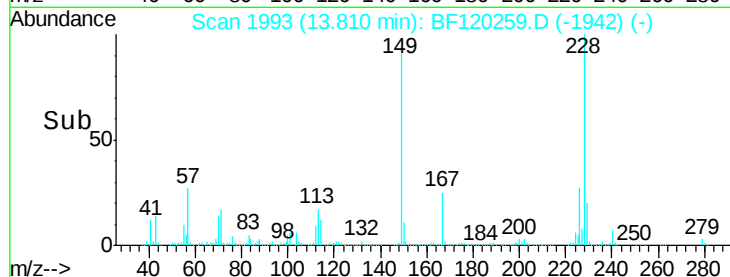
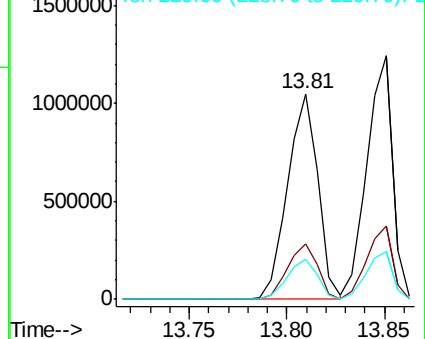
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.383 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

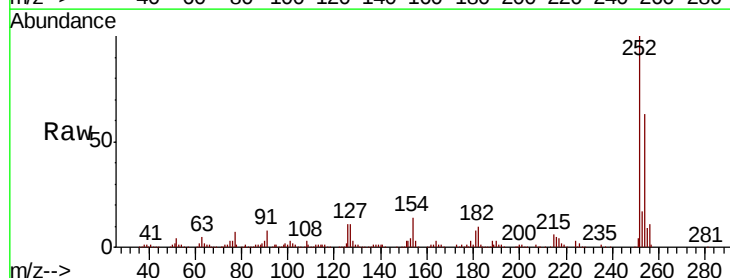
Tgt Ion:252 Resp: 198656

Ion Ratio Lower Upper

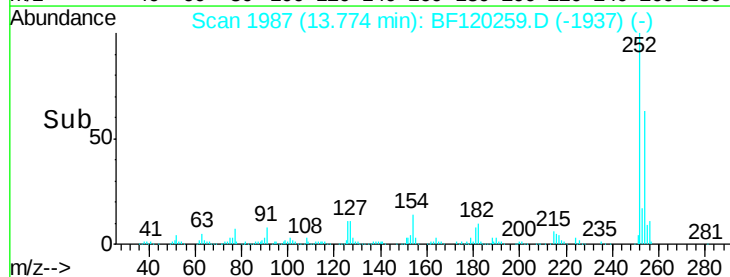
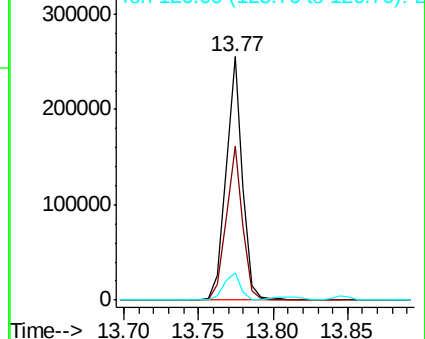
252 100

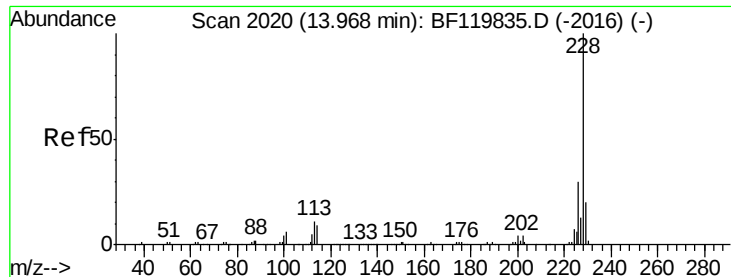
254 63.5 51.2 76.8

126 11.1 9.6 14.4



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





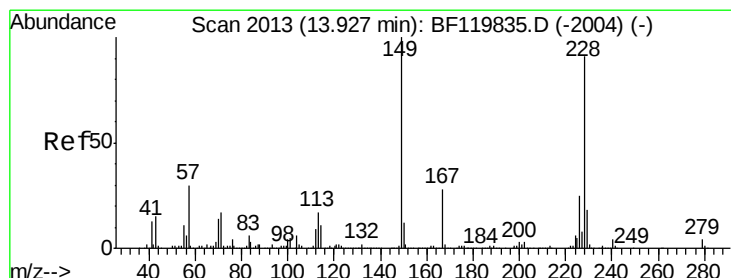
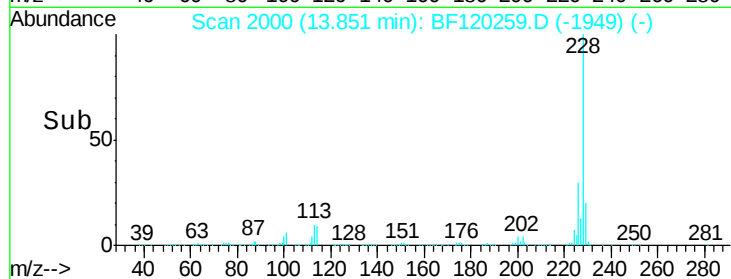
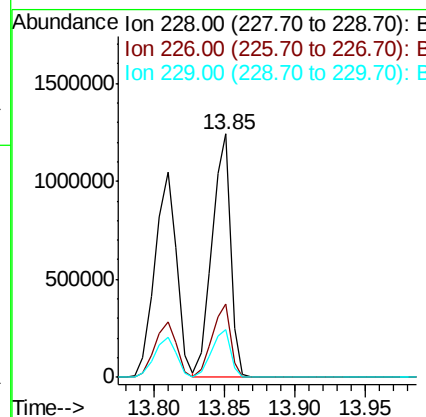
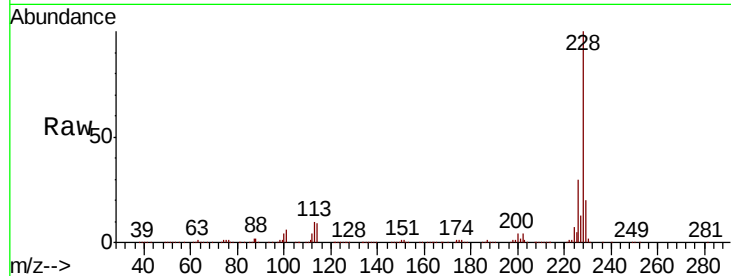
#83
 Chrvsene
 Concen: 40.677 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:228 Resp: 1135307
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.0
 229 19.9 16.6 24.8

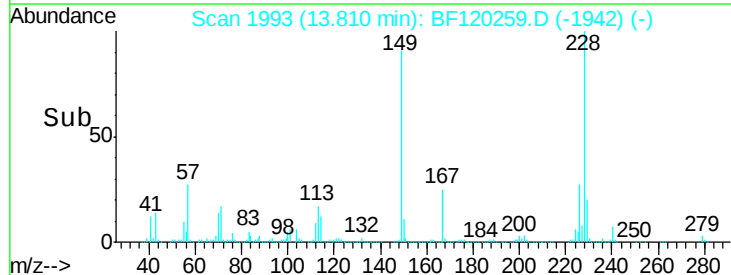
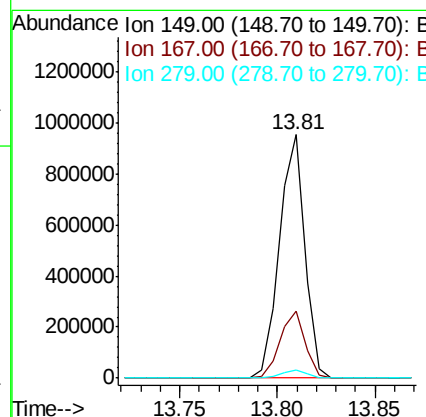
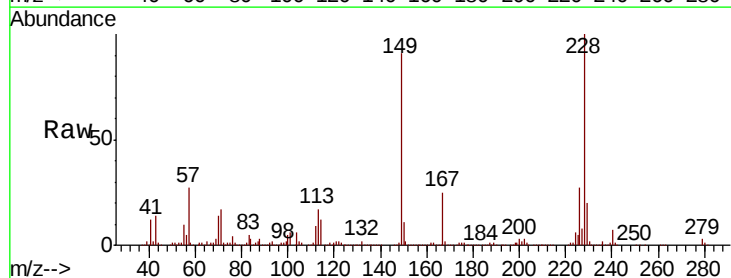
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.081 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:149 Resp: 857682
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 38.554 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

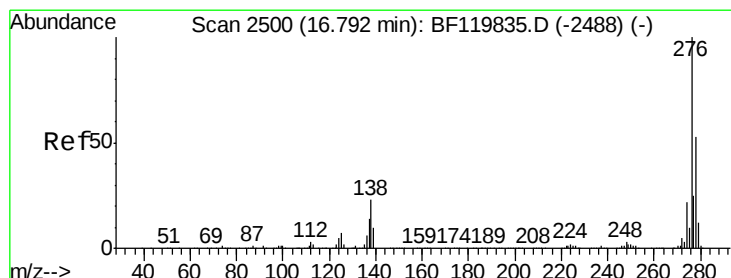
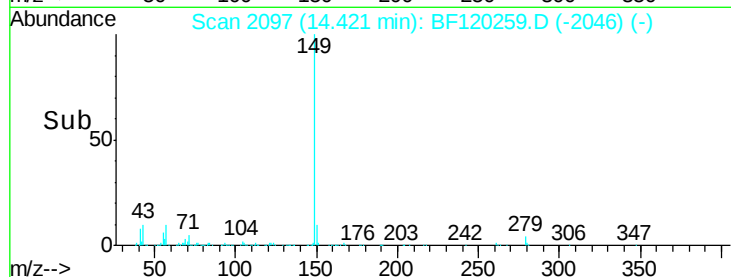
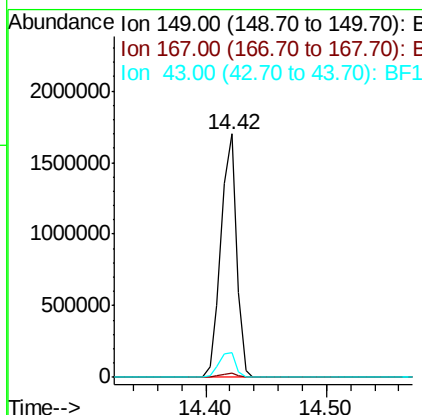
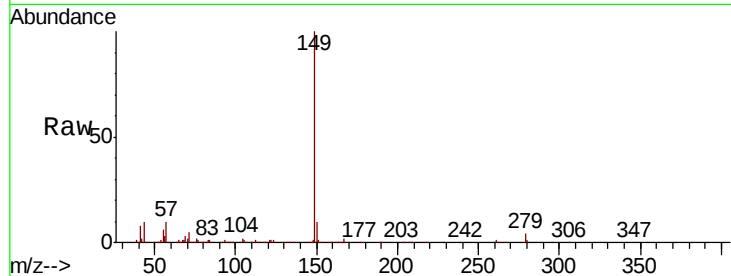
ClientSampleId :

PB128596BS

Tot Ion:	149	Resp:	1518357
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.298 ng

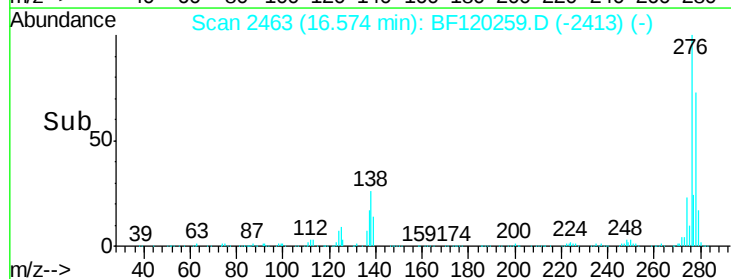
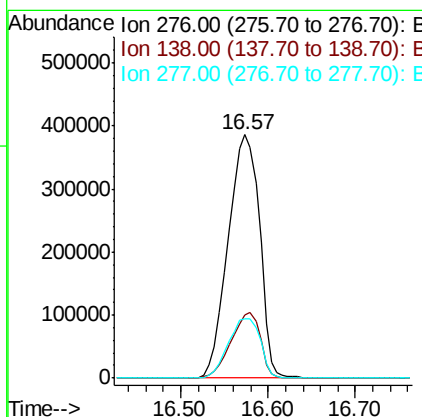
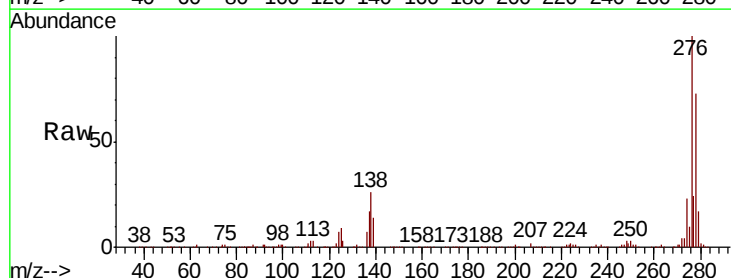
RT: 16.57 min Scan# 2463

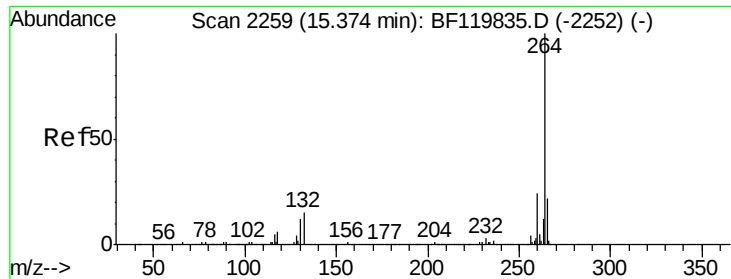
Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:	276	Resp:	942251
Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.6	29.4
277	25.0	20.0	30.0





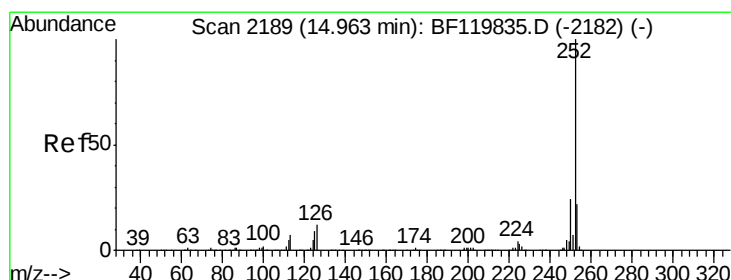
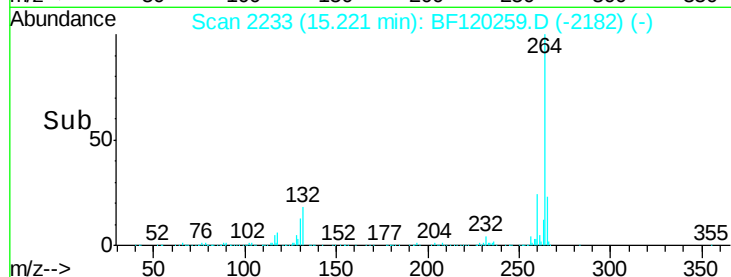
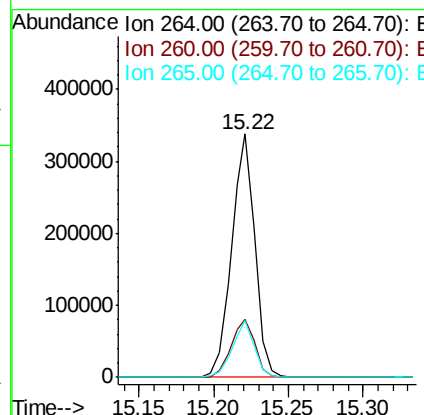
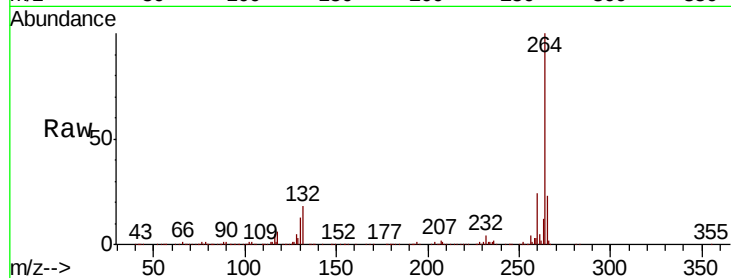
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	23.1	17.7	26.5

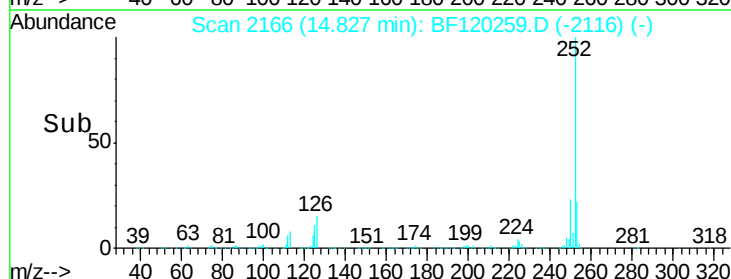
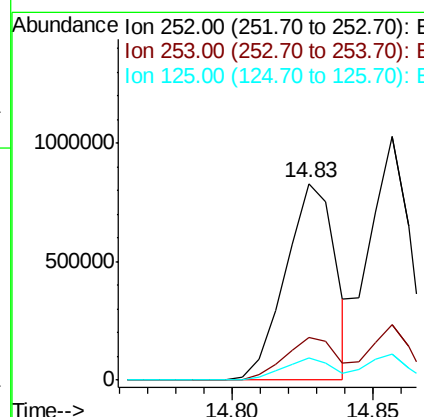
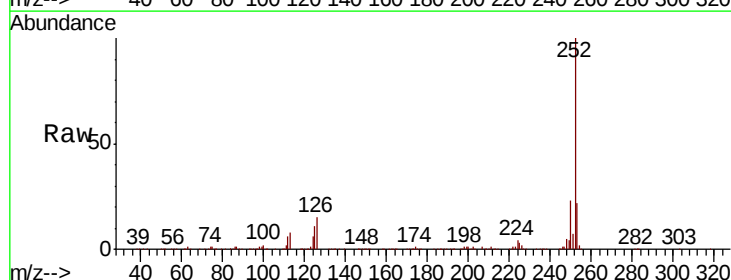
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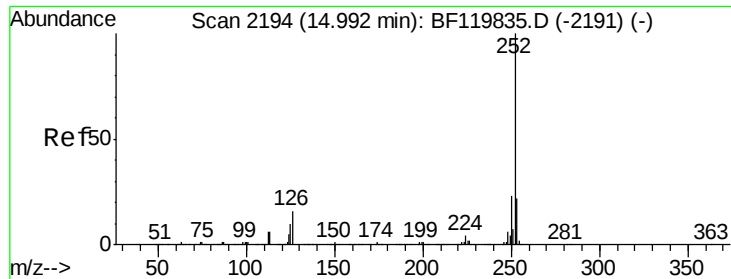
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#88
Benzo(b)fluoranthene
Concen: 38.260 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.0	7.9	11.9





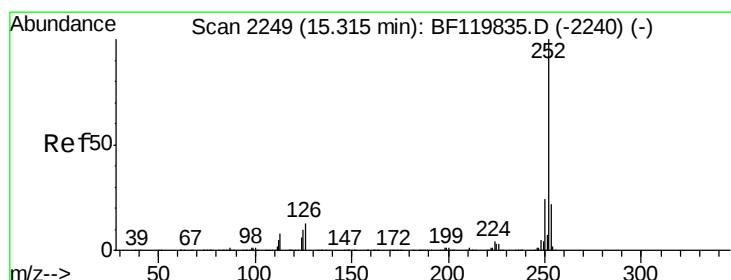
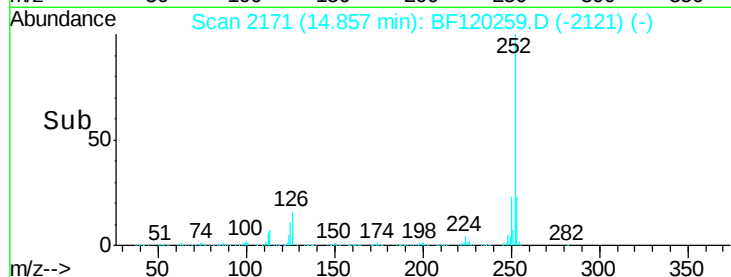
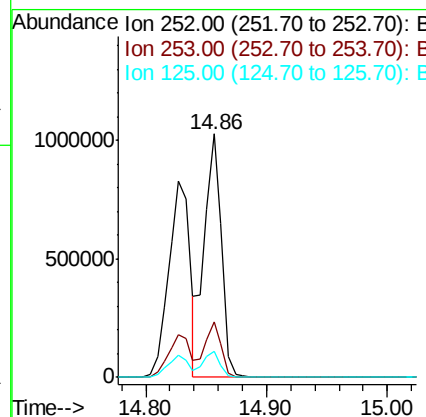
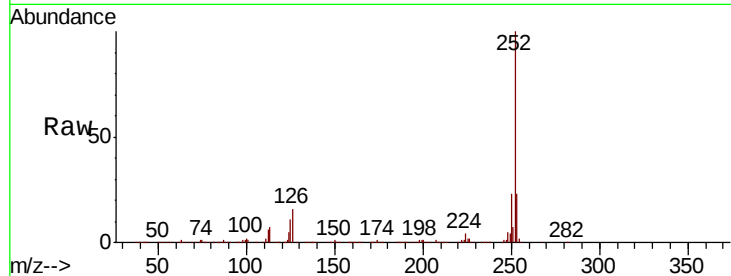
#89
Benzo(k)fluoranthene
Concen: 43.688 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampled :
PB128596BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.7	8.4	12.6

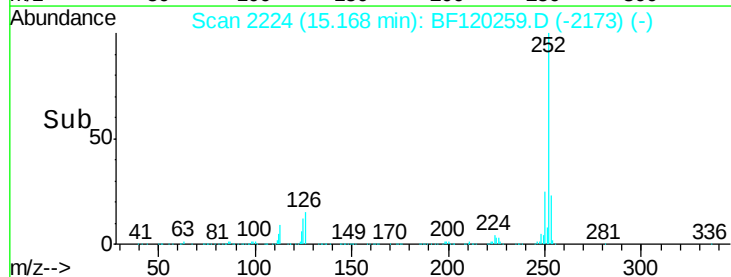
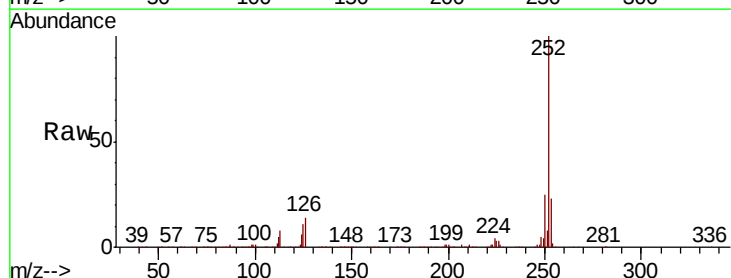
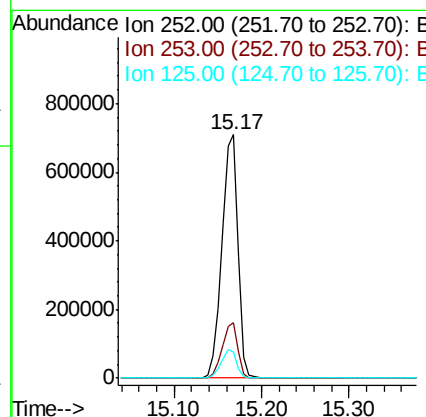
Manual Integrations
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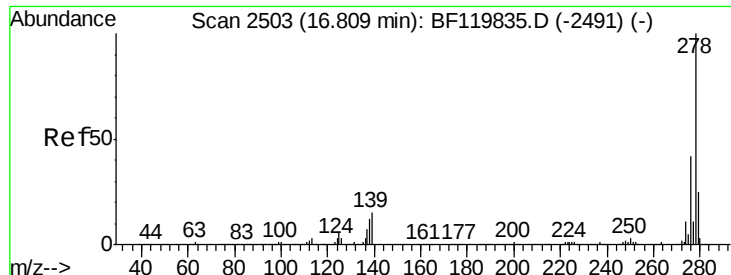
mohammad
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#90
Benzo(a)pyrene
Concen: 40.278 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.9	9.4	14.2





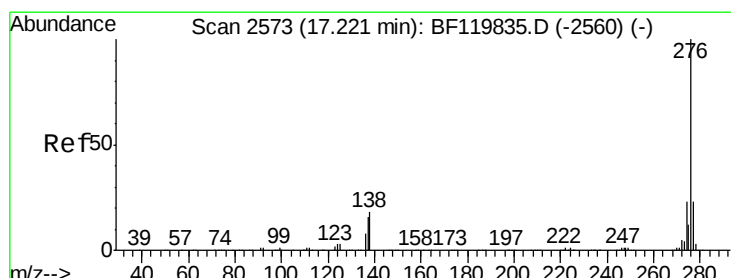
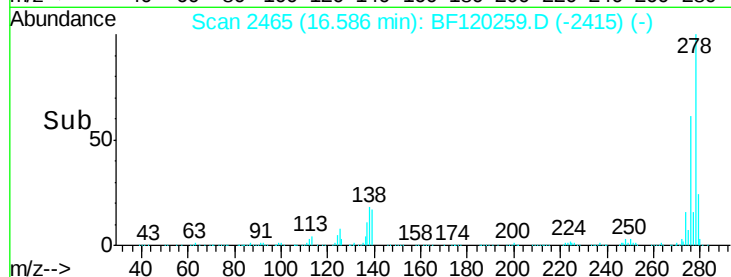
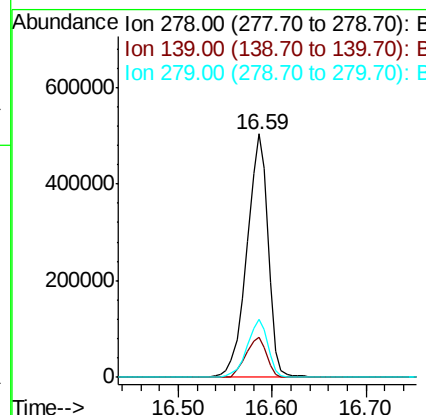
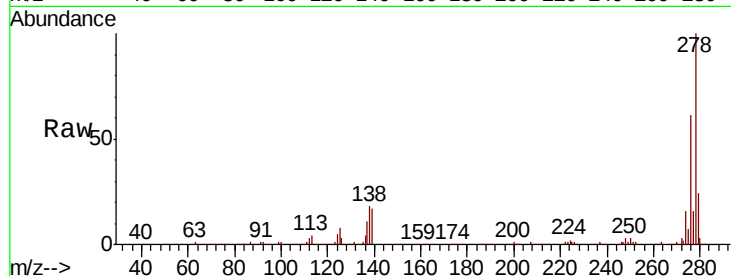
#91
Dibenzo(a,h)anthracene
Concen: 39.516 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/4/2020 3:45:10 PM



#92
Benzo(g,h,i)perylene
Concen: 39.387 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	21.1	15.4	23.0

