

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119893.D
 Acq On : 10 Apr 2020 14:37
 Operator : MA/SJ
 Sample : PB128115BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Manual Integrations
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 4/14/2020 3:39:01 PM

Quant Time: Apr 11 05:32:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	188687	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	741100	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	391904	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	764381	20.00	ng	0.00
76) Chrysene-d12	13.93	240	528996	20.00	ng	0.00
87) Perylene-d12	15.36	264	472046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1324225	121.29	ng	0.02
7) Phenol-d6	6.39	99	1693477	120.37	ng	0.00
23) Nitrobenzene-d5	7.32	82	1061210	74.08	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	522795	108.96	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2082714	75.45	ng	0.00
79) Terphenyl-d14	12.87	244	2359421	75.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	160759	33.058	ng	98
3) Pyridine	3.22	79	426920	31.997	ng	98
4) n-Nitrosodimethylamine	3.17	42	255960	37.547	ng	99
6) Aniline	6.42	93	674371	36.521	ng	99
8) 2-Chlorophenol	6.54	128	557923	45.734	ng	98
9) Benzaldehyde	6.30	77	218473	24.146	ng	100
10) Phenol	6.40	94	704610	44.146	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	525484	42.640	ng	98
12) 1,3-Dichlorobenzene	6.69	146	558212	41.796	ng	100
13) 1,4-Dichlorobenzene	6.77	146	559712	41.141	ng	99
14) 1,2-Dichlorobenzene	6.93	146	527714	42.089	ng	97
15) Benzyl Alcohol	6.90	79	414615	37.944	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948867	39.568	ng	99
17) 2-Methylphenol	7.02	107	445034	40.878	ng	96
18) Hexachloroethane	7.27	117	212561	41.806	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	384509	42.502	ng	98
20) 3+4-Methylphenols	7.17	107	553191	41.547	ng	98
22) Acetophenone	7.17	105	722955	41.659	ng	97
24) Nitrobenzene	7.34	77	581948	40.383	ng	99
25) Isophorone	7.58	82	1077383	39.014	ng	100
26) 2-Nitrophenol	7.66	139	302371	41.998	ng	95
27) 2,4-Dimethylphenol	7.70	122	478030	44.024	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	687409	42.303	ng	99
29) 2,4-Dichlorophenol	7.90	162	470918	42.310	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	494004	39.172	ng	96
31) Naphthalene	8.06	128	1584065	40.626	ng	100
32) Benzoic acid	7.83	122	387451	40.629	ng	95
33) 4-Chloroaniline	8.11	127	481321	28.356	ng	99
34) Hexachlorobutadiene	8.18	225	286581	37.962	ng	99
35) Caprolactam	8.49	113	149164m	43.812	ng	
36) 4-Chloro-3-methylphenol	8.60	107	518690	43.044	ng	98
37) 2-Methylnaphthalene	8.75	142	1076088	40.707	ng	98
38) 1-Methylnaphthalene	8.85	142	1044074	41.903	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	473431	38.248	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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Instrument :
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 PB128115BS

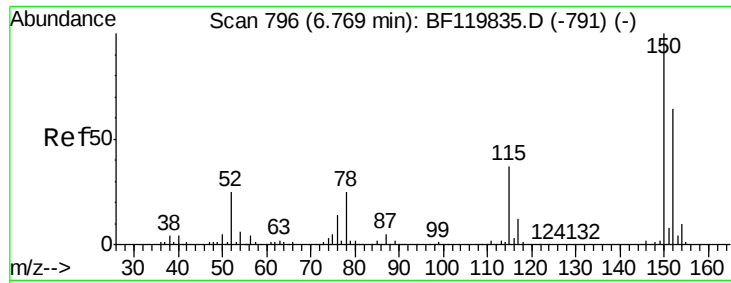
Manual Integrations
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Quant Time: Apr 11 05:32:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	572145	81.287	nq	99
43) 2,4,6-Trichlorophenol	9.03	196	349619	40.903	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	374751	38.927	nq	98
46) 1,1'-Biphenyl	9.22	154	1317781	39.838	nq	99
47) 2-Chloronaphthalene	9.25	162	1019817	40.021	nq	99
48) 2-Nitroaniline	9.34	65	374069	40.508	nq	96
49) Acenaphthylene	9.66	152	1606997	41.467	nq	99
50) Dimethylphthalate	9.53	163	1208137	39.855	nq	99
51) 2,6-Dinitrotoluene	9.59	165	270451	40.742	nq	89
52) Acenaphthene	9.83	154	1153618m	44.625	nq	
53) 3-Nitroaniline	9.75	138	227400	29.995	nq	97
54) 2,4-Dinitrophenol	9.86	184	338768	85.241	nq	92
55) Dibenzofuran	10.00	168	1458052	41.101	nq	98
56) 4-Nitrophenol	9.92	139	471418	83.572	nq	97
57) 2,4-Dinitrotoluene	9.99	165	359776	41.137	nq	100
58) Fluorene	10.35	166	1139475	40.164	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	323755	43.971	nq	97
60) Diethylphthalate	10.23	149	1244619	39.615	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	537603	36.972	nq	95
62) 4-Nitroaniline	10.37	138	299963	41.517	nq	96
63) Azobenzene	10.50	77	1172492	41.643	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	213662	42.429	nq	83
66) n-Nitrosodiphenylamine	10.46	169	1031138	40.562	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	354945	37.340	nq	97
68) Hexachlorobenzene	10.90	284	388523	40.289	nq	93
69) Atrazine	10.99	200	307252	43.440	nq	99
70) Pentachlorophenol	11.09	266	440160	79.205	nq	99
71) Phenanthrene	11.31	178	1630968	40.091	nq	98
72) Anthracene	11.36	178	1708282	41.106	nq	100
73) Carbazole	11.52	167	1576474	40.113	nq	99
74) Di-n-butylphthalate	11.85	149	1932258	37.400	nq	100
75) Fluoranthene	12.50	202	1804613	41.113	nq	99
77) Benzidine	12.62	184	676167	37.814	nq	97
78) Pyrene	12.73	202	1797916	40.316	nq	100
80) Butylbenzylphthalate	13.35	149	791911	36.596	nq	100
81) Benzo(a)anthracene	13.92	228	1383480	39.754	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	421974	32.497	nq	96
83) Chrysene	13.96	228	1421980	40.214	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	976379	33.319	nq	99
85) Di-n-octyl phthalate	14.52	149	1692735	33.926	nq	98
86) Indeno(1,2,3-cd)pyrene	16.77	276	1194620	38.326	nq	99
88) Benzo(b)fluoranthene	14.95	252	1377238	40.557	nq	100
89) Benzo(k)fluoranthene	14.98	252	1248103	42.598	nq	100
90) Benzo(a)pyrene	15.30	252	1160730	40.654	nq	100
91) Dibenzo(a,h)anthracene	16.79	278	994054	39.305	nq	99
92) Benzo(g,h,i)perylene	17.20	276	974299	39.027	nq	99

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



#1

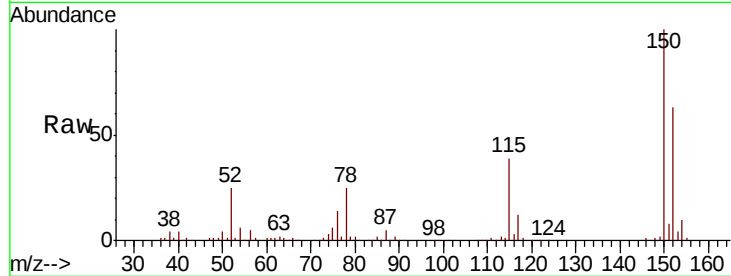
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

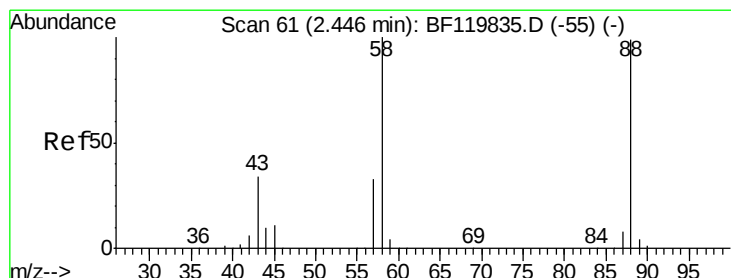
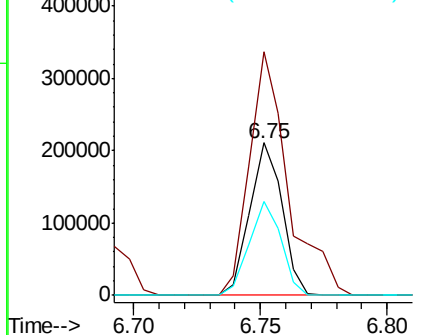
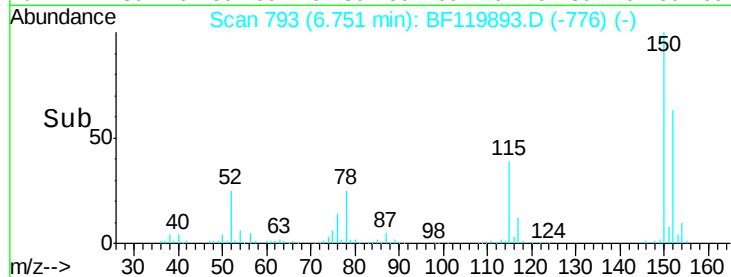
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.8	187.2
115	61.6	46.5	69.7

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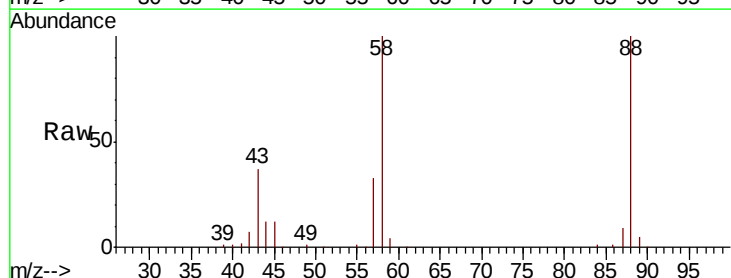
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



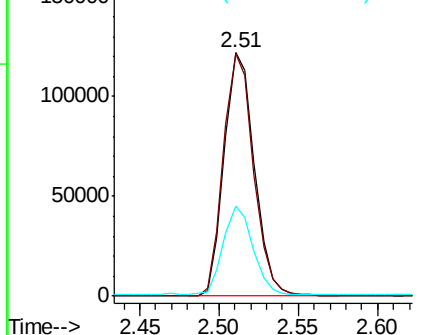
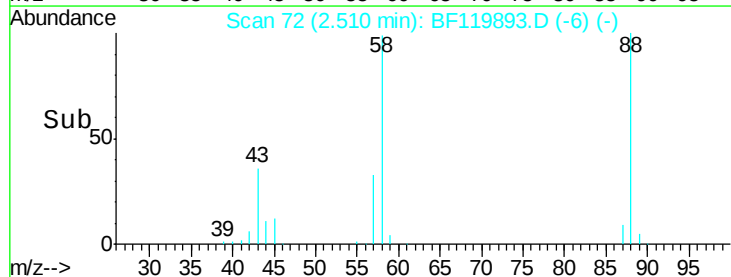
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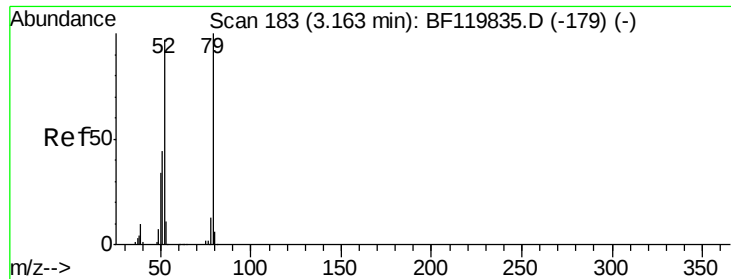
1,4-Dioxane
Concen: 33.058 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.09 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	82.6	123.8
43	36.5	28.6	42.8



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





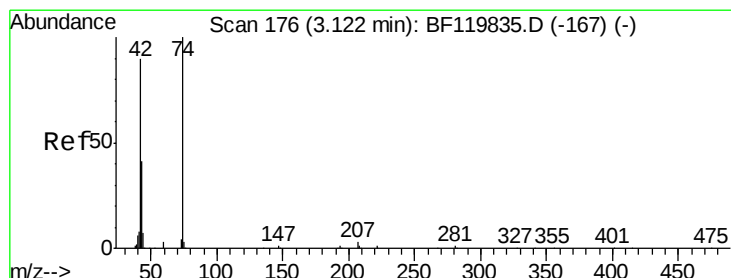
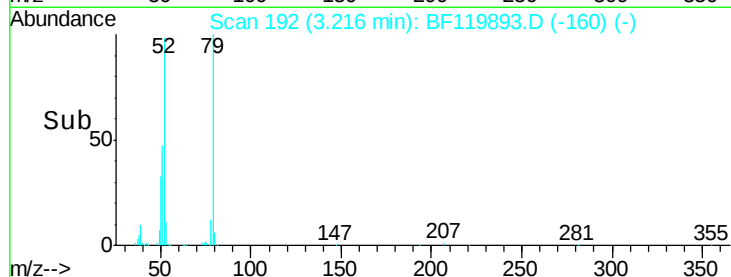
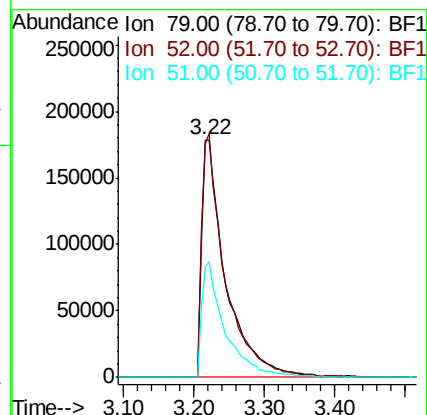
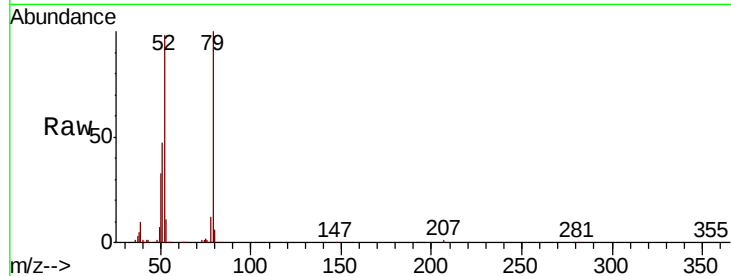
#3
Pvridine
Concen: 31.997 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.09 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	98.1	77.4	116.0	
51	46.7	35.3	52.9	

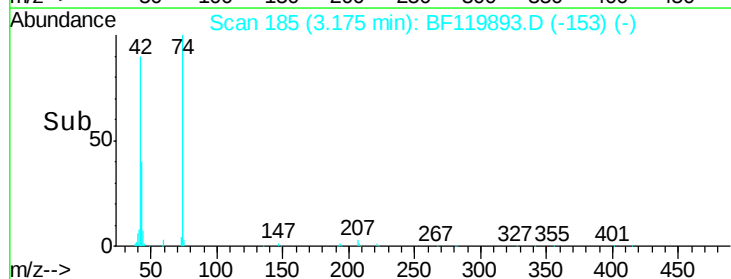
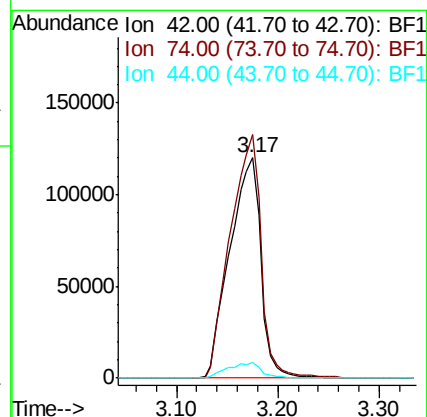
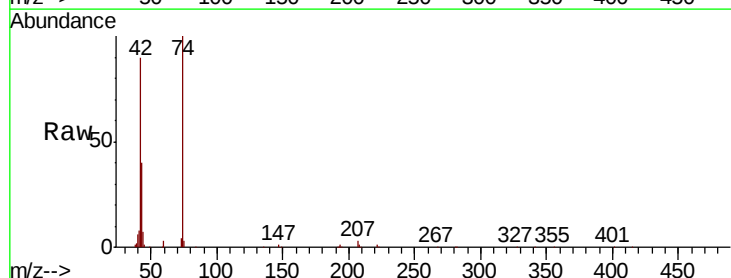
Manual Integrations
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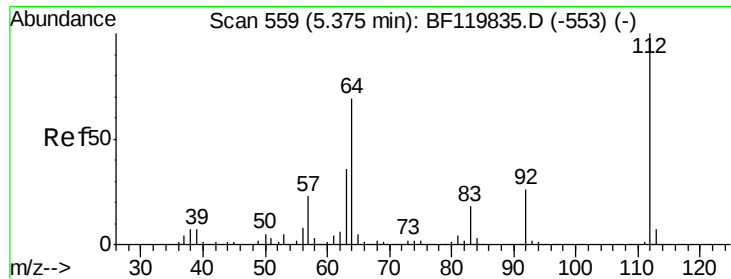
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#4
n-Nitrosodimethylamine
Concen: 37.547 ng
RT: 3.17 min Scan# 185
Delta R.T. 0.09 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	110.7	89.0	133.4	
44	7.4	6.2	9.4	





#5

2-Fluorophenol

Concen: 121.286 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

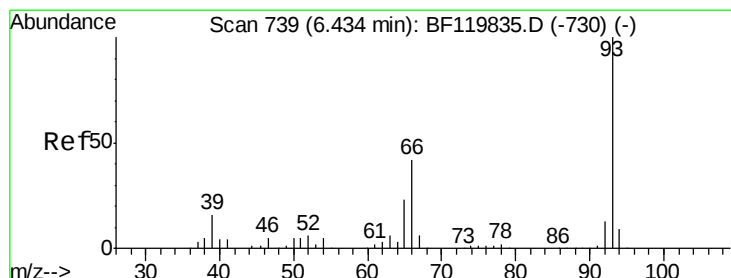
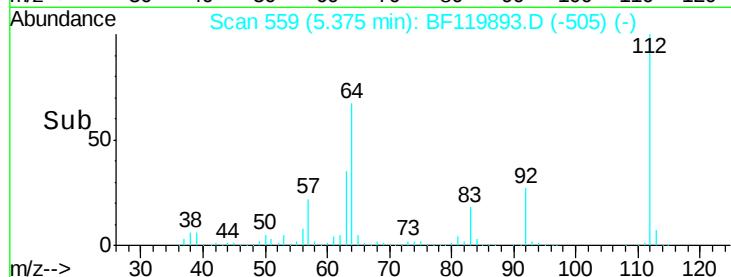
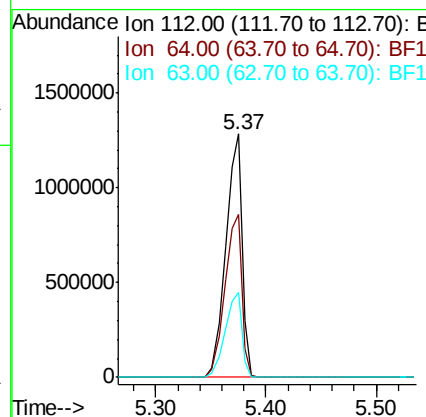
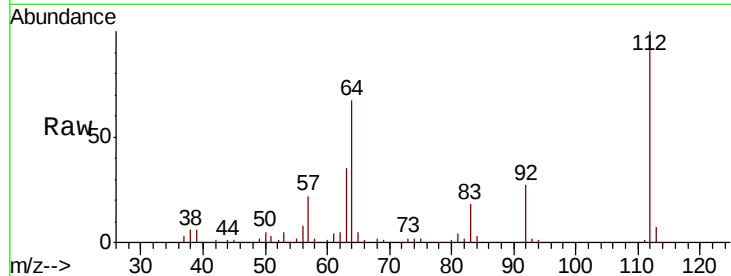
ClientSampleId :

PB128115BS

Tot Ion:	112	Resp:	1324225
Ion	Ratio	Lower	Upper
112	100		
64	67.1	55.5	83.3
63	35.0	29.1	43.7

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#6

Aniline

Concen: 36.521 ng

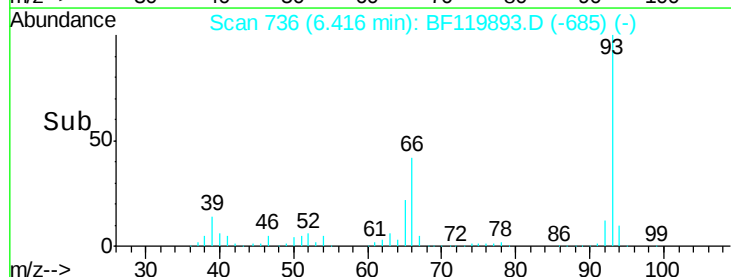
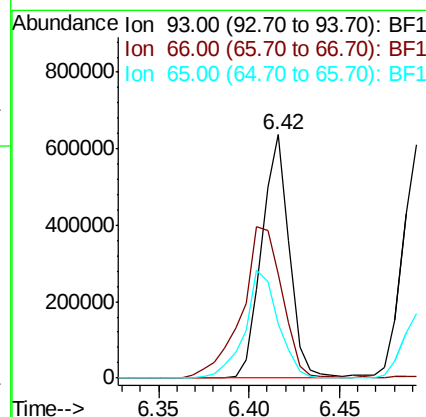
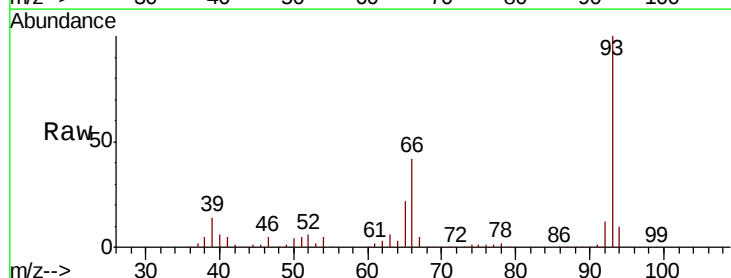
RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Tgt Ion:	93	Resp:	674371
Ion	Ratio	Lower	Upper
93	100		
66	42.5	34.2	51.2
65	22.1	18.3	27.5





#7

Phenol-d6

Concen: 120.372 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion: 99 Resp: 1693477

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

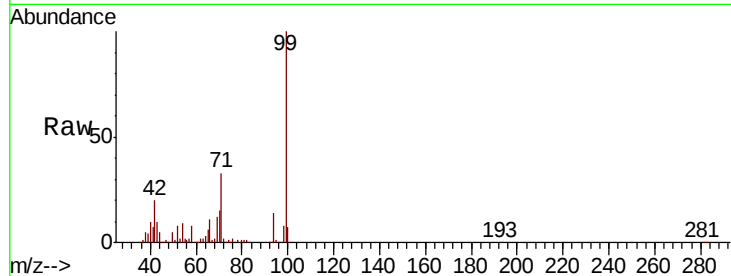
71 33.1 26.3 39.5

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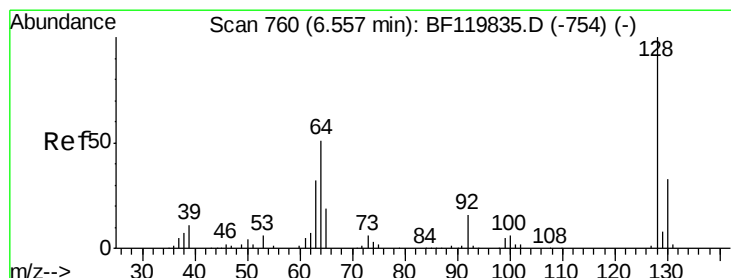
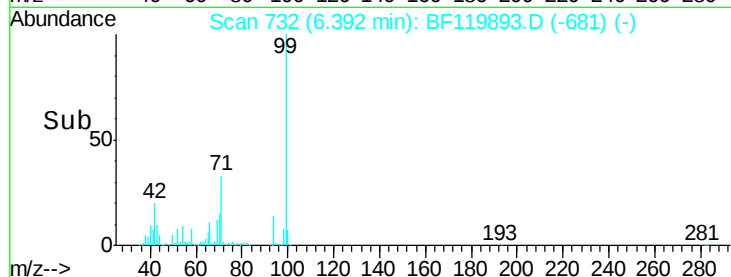
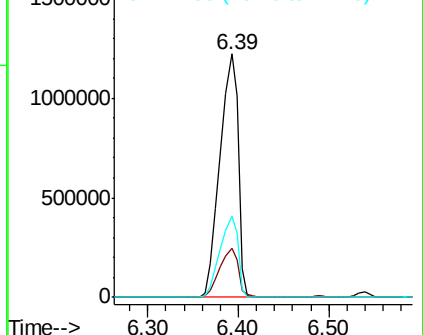
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.734 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

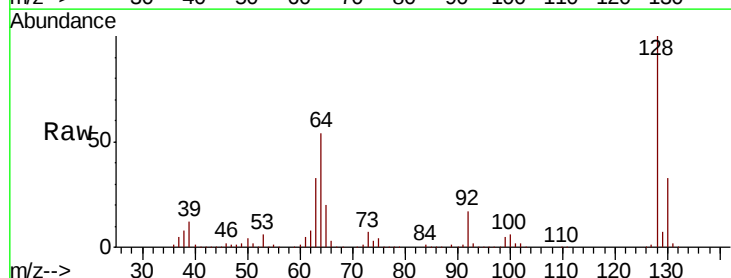
Tgt Ion:128 Resp: 557923

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

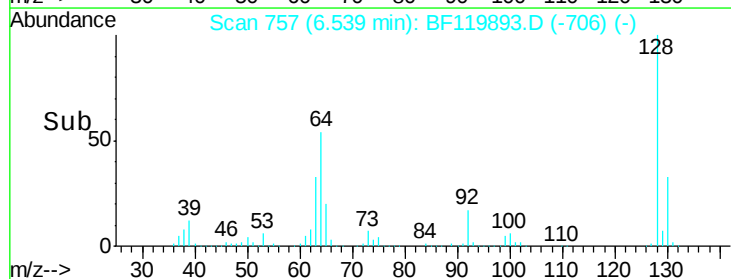
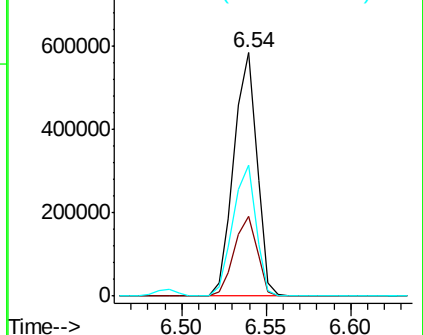
64 54.0 32.0 72.0

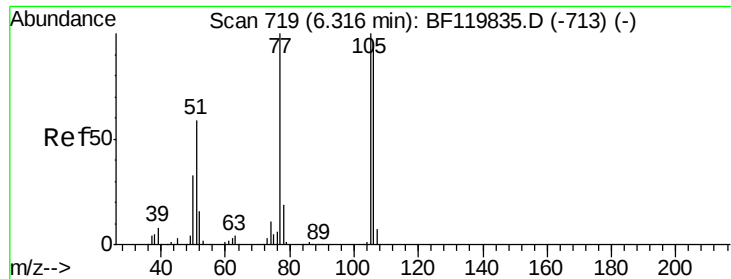


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





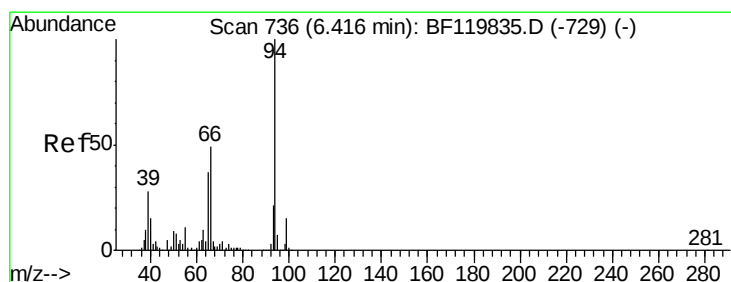
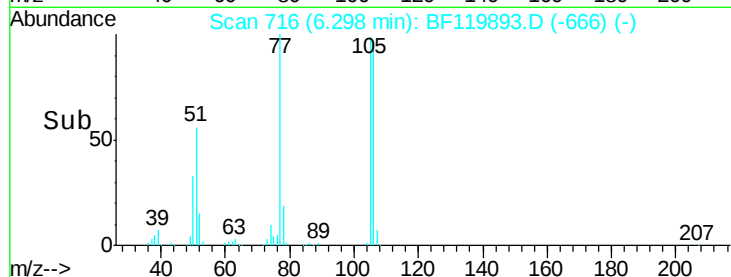
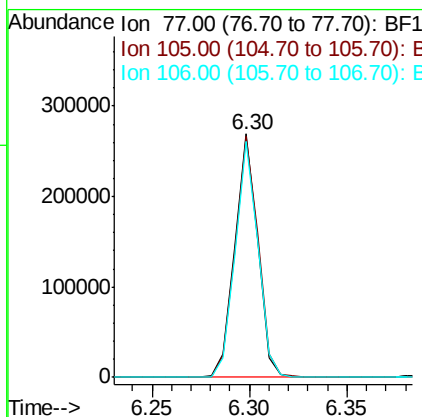
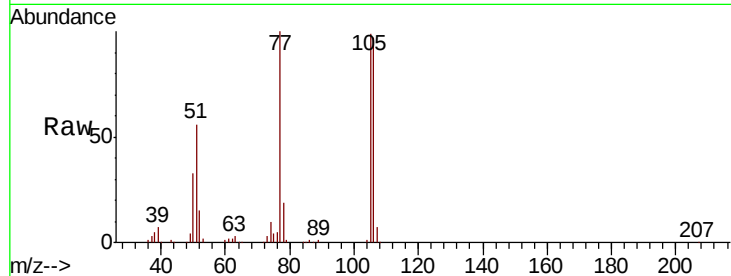
#9
Benzaldehyde
Concen: 24.146 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.9	119.9
106	96.7	76.4	116.4

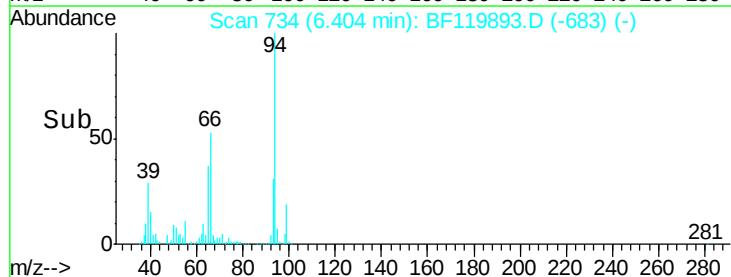
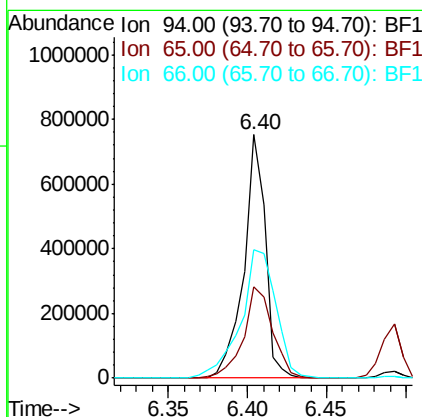
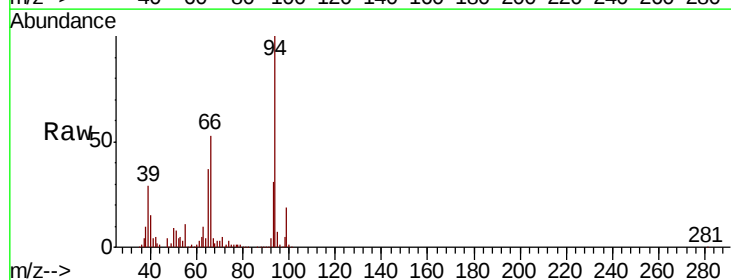
Manual Integrations
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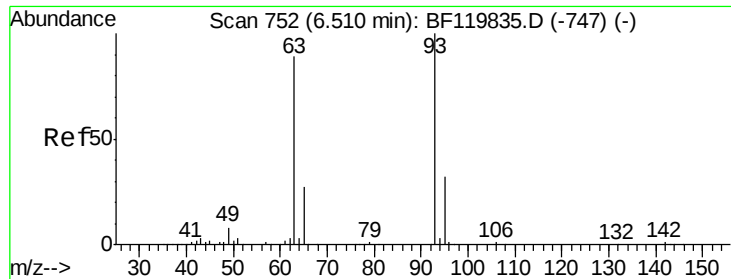
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#10
Phenol
Concen: 44.146 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.3	16.6	56.6
66	52.8	29.3	69.3





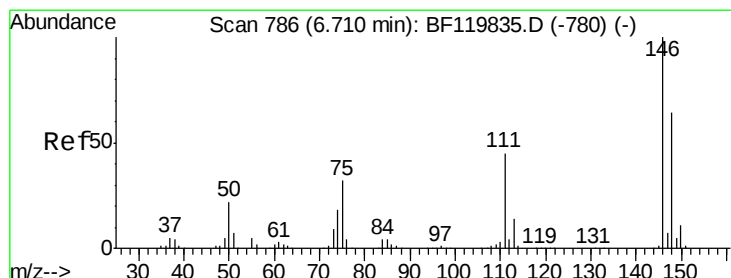
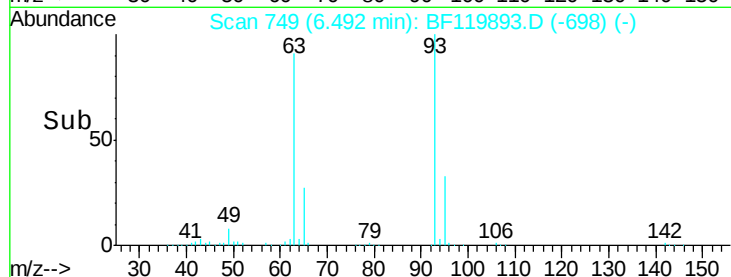
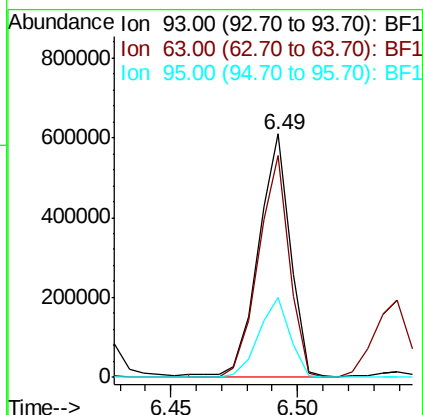
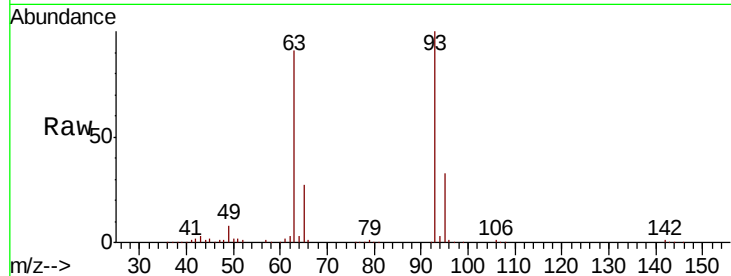
#11
bis(2-Chloroethyl)ether
Concen: 42.640 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion:	93	Resp:	525484
Ion	Ratio	Lower	Upper
93	100		
63	90.9	69.1	109.1
95	32.6	12.3	52.3

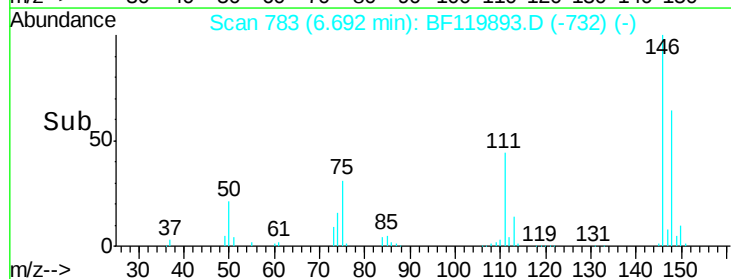
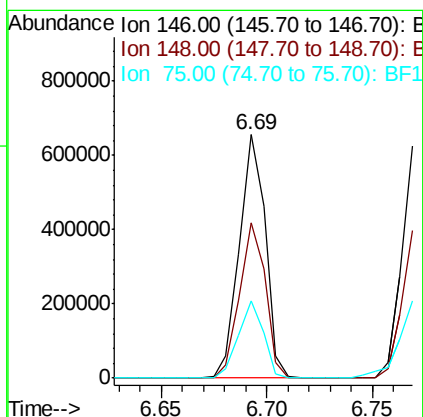
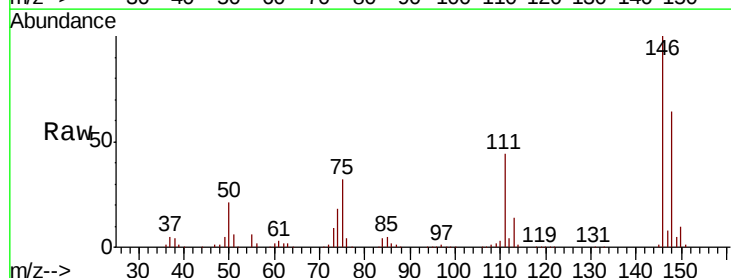
Manual Integrations
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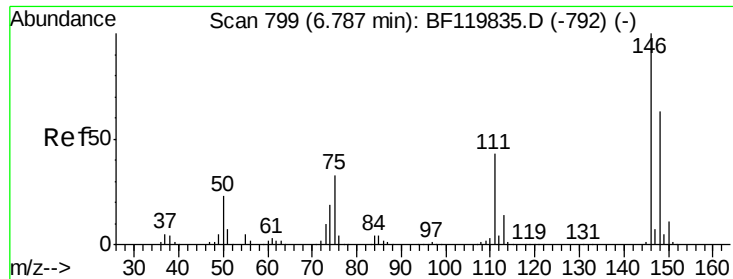
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.796 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:	146	Resp:	558212
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.3	76.9
75	31.8	25.3	37.9





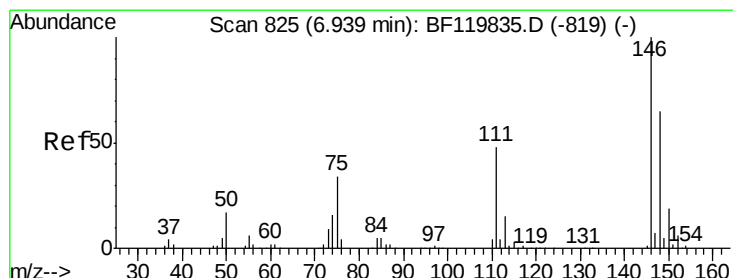
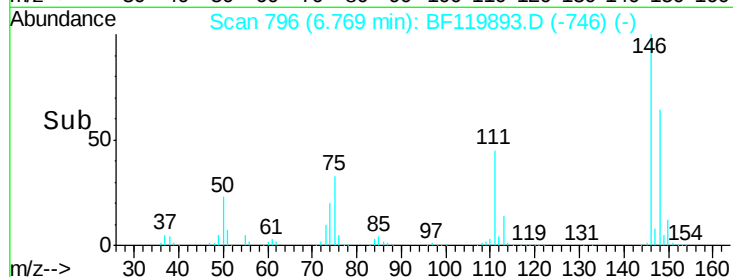
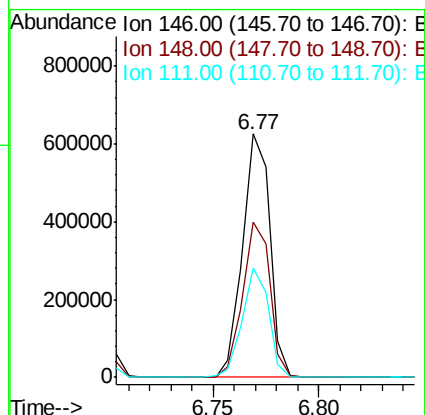
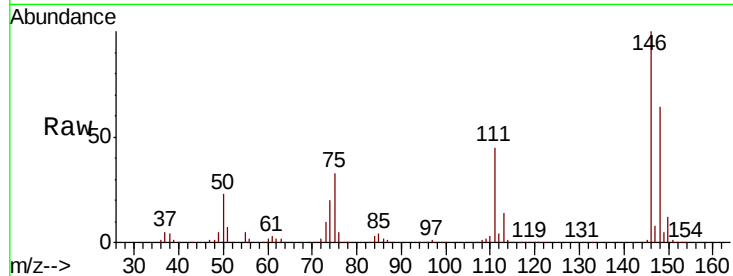
#13
 1,4-Dichlorobenzene
 Concen: 41.141 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
111	44.8	34.7	52.1

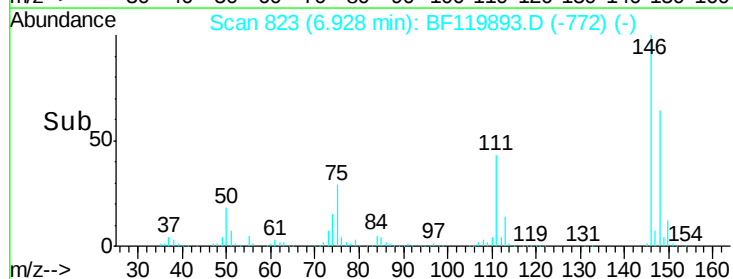
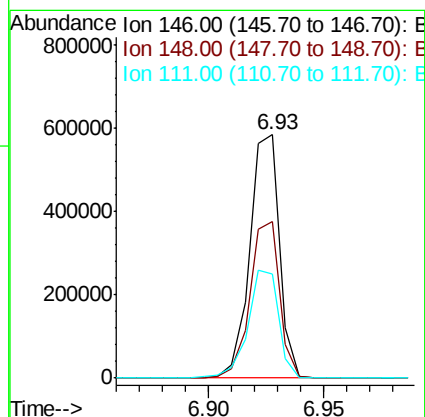
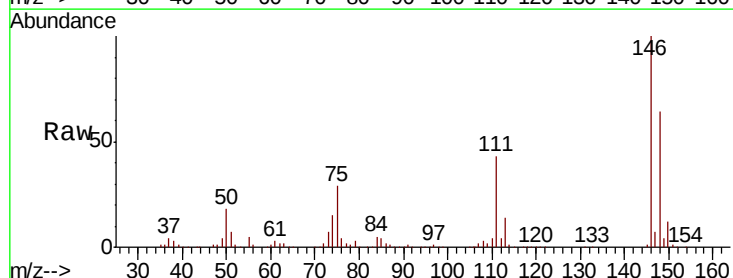
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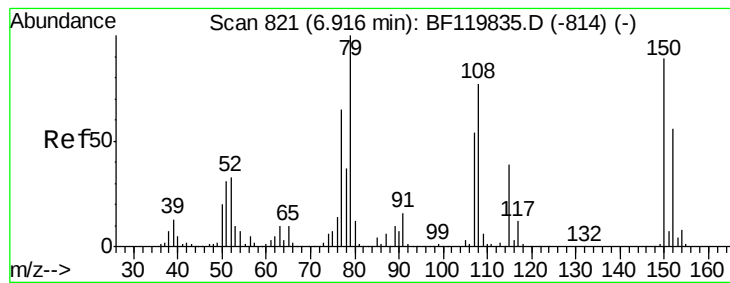
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.089 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
111	42.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 37.944 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampled :

PB128115BS

Tot Ion: 79 Resp: 414615

Ion Ratio Lower Upper

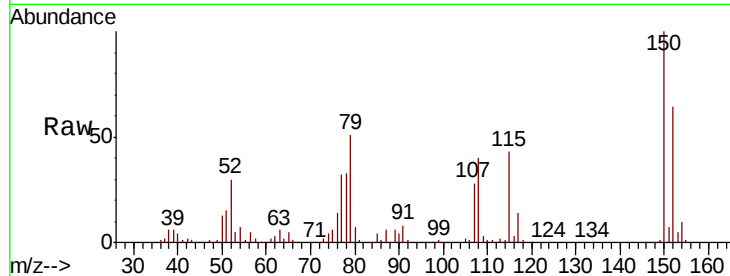
79 100

108 78.5 62.0 93.0

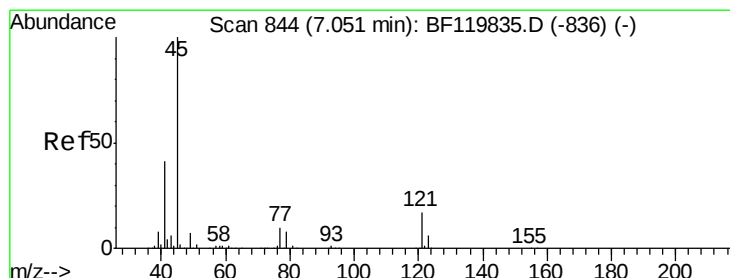
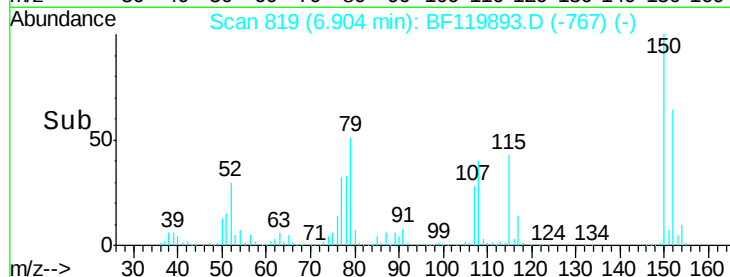
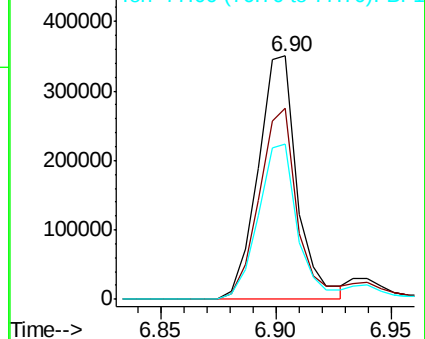
77 63.6 51.8 77.6

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.568 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

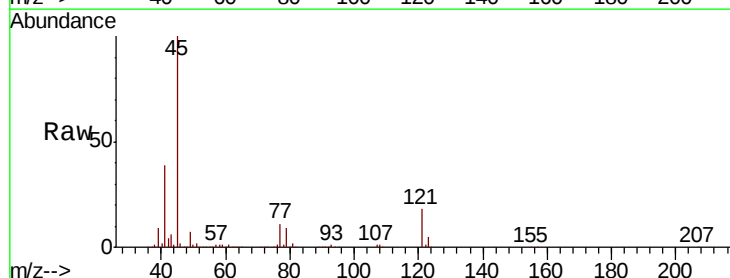
Tgt Ion: 45 Resp: 948867

Ion Ratio Lower Upper

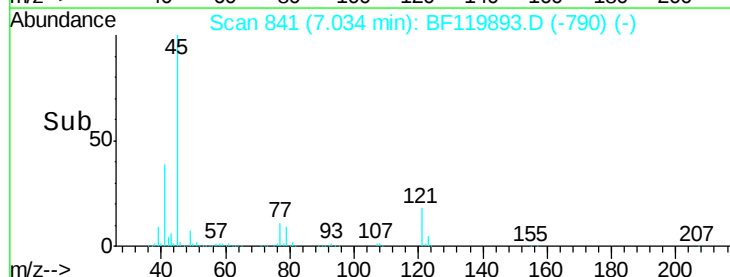
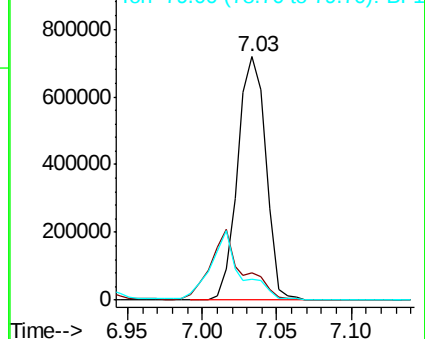
45 100

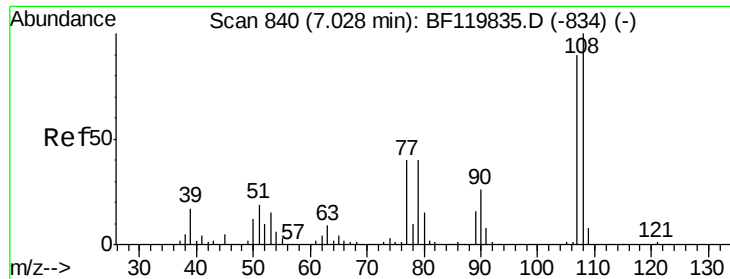
77 11.4 0.0 30.7

79 8.5 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





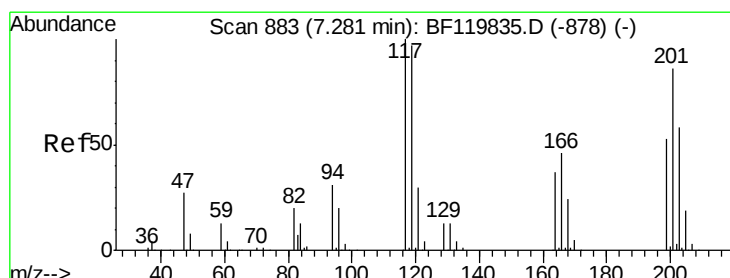
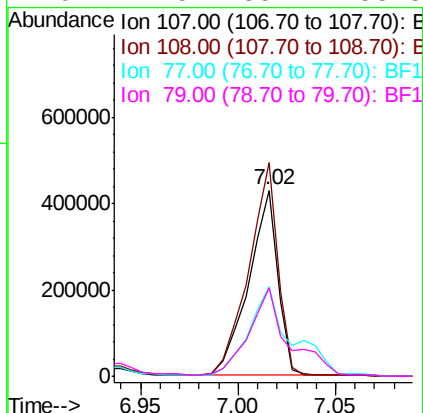
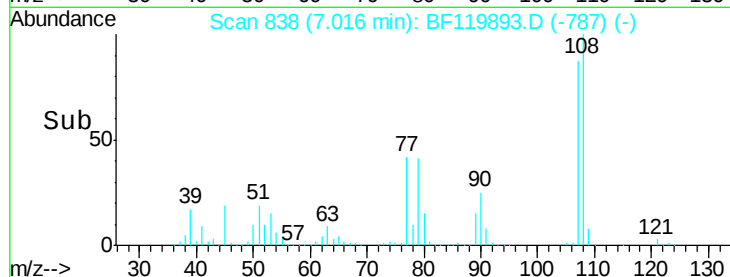
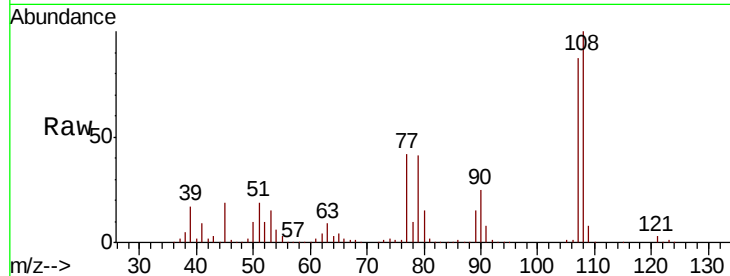
#17
2-Methylphenol
Concen: 40.878 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	88.8	133.2
77	48.3	36.0	54.0
79	47.5	35.7	53.5

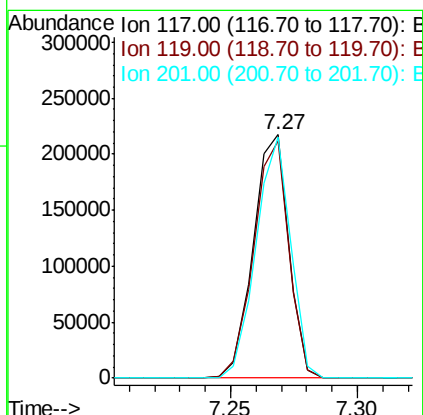
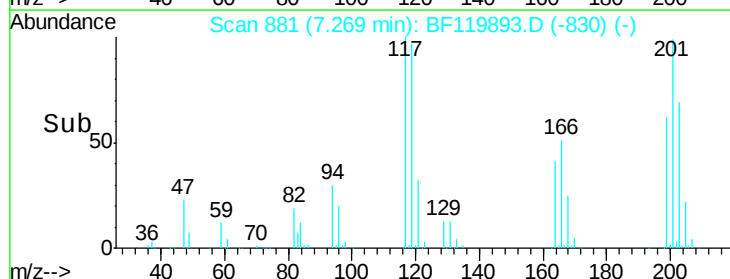
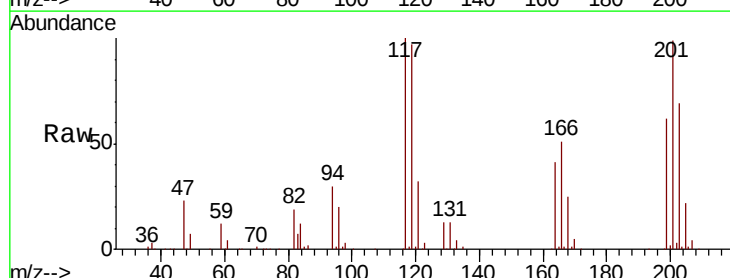
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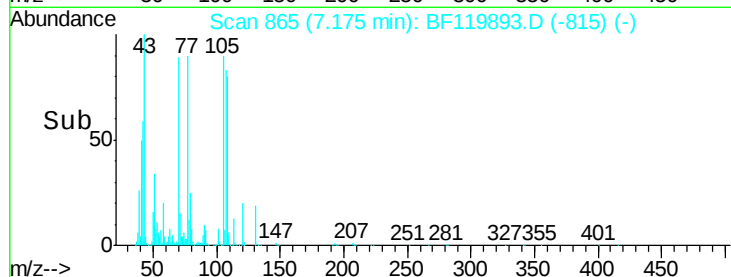
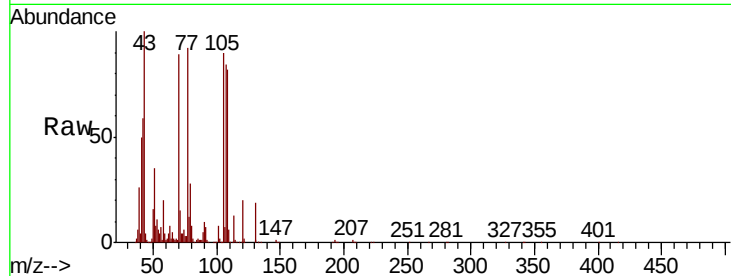
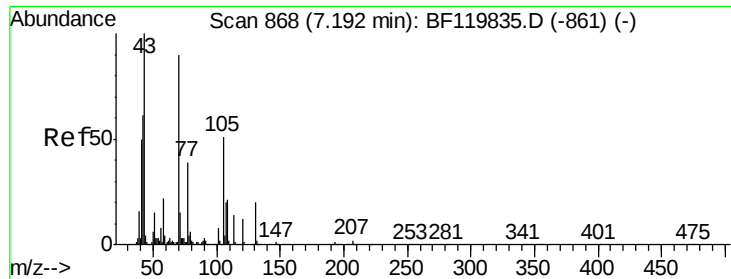
mohammad
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#18
Hexachloroethane
Concen: 41.806 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	99.1	68.4	102.6





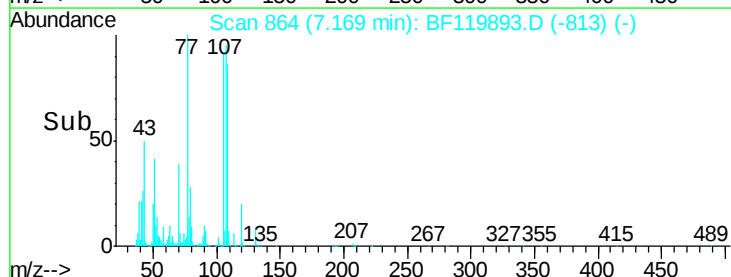
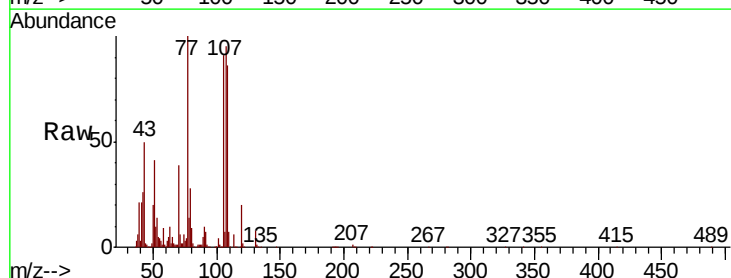
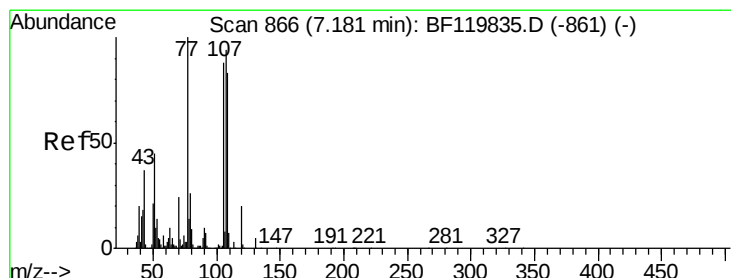
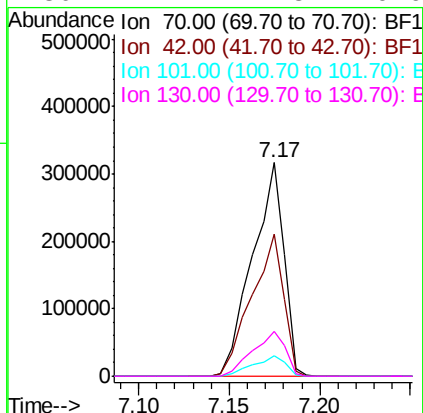
#19
n-Nitroso-di-n-propylamine
Concen: 42.502 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

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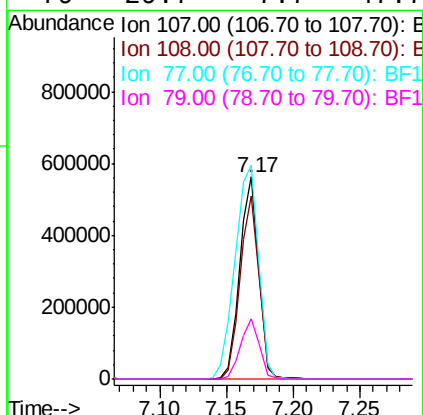
mohammad
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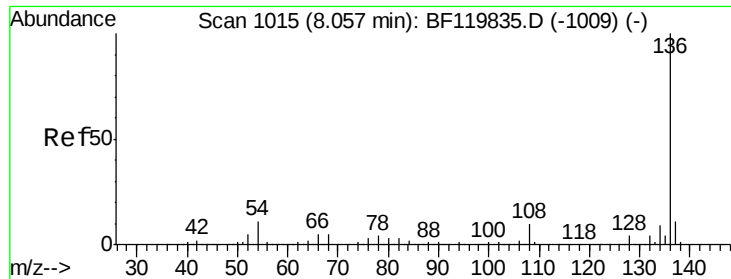
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.2	81.4
101	9.5	7.4	11.2
130	21.2	17.8	26.6



#20
3+4-Methylphenols
Concen: 41.547 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	105.7	86.6	126.6
79	29.7	7.7	47.7





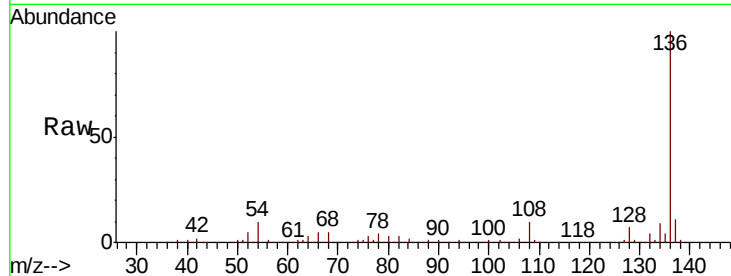
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

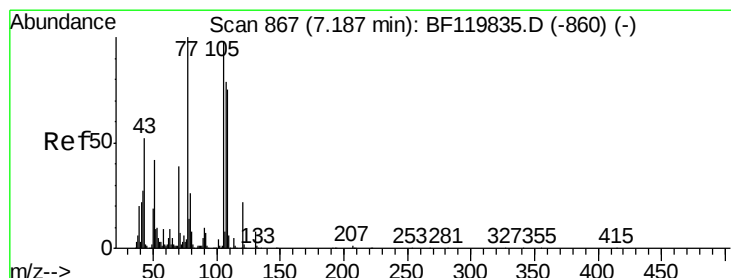
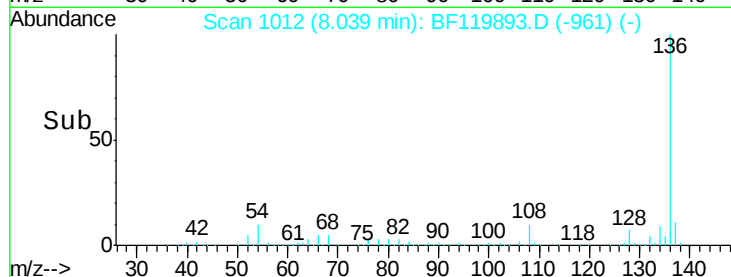
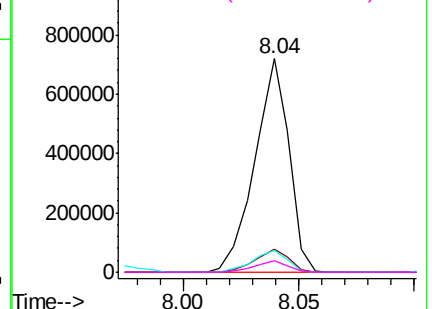
Tot Ion	Ratio	Resp	Lower	Upper
136	100	741100		
137	11.1	8.7	13.1	
54	10.2	8.5	12.7	
68	5.5	3.9	5.9	

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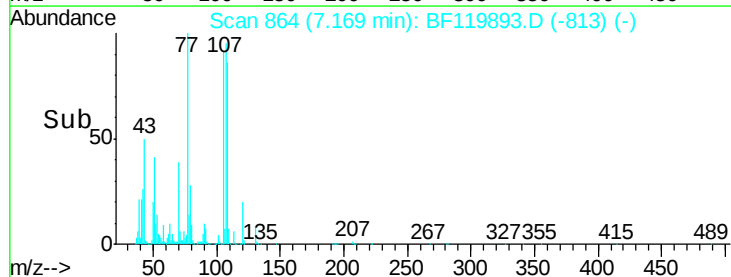
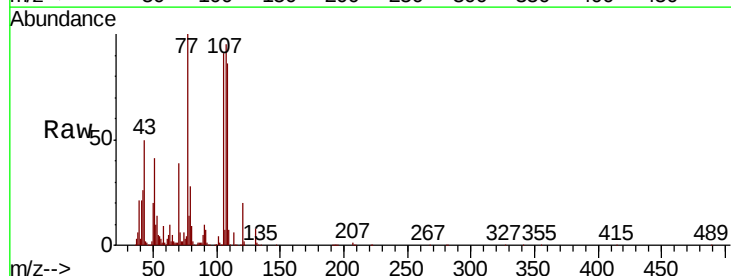
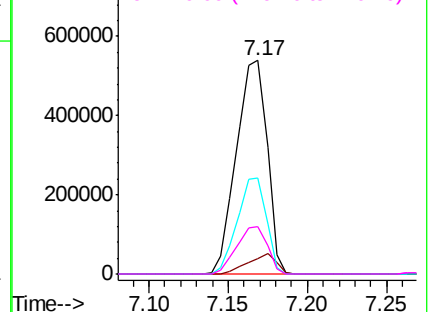
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

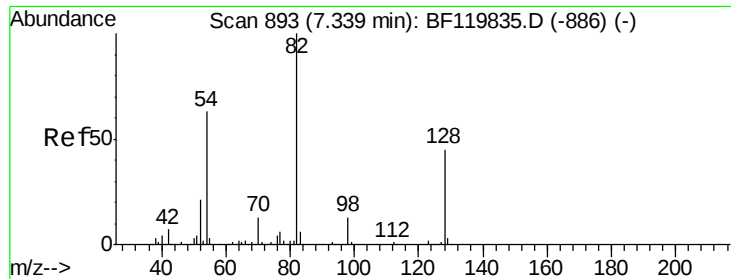


#22
Acetophenone
Concen: 41.659 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	722955		
71	7.0	5.6	8.4	
51	45.2	33.9	50.9	
120	22.1	17.8	26.8	

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





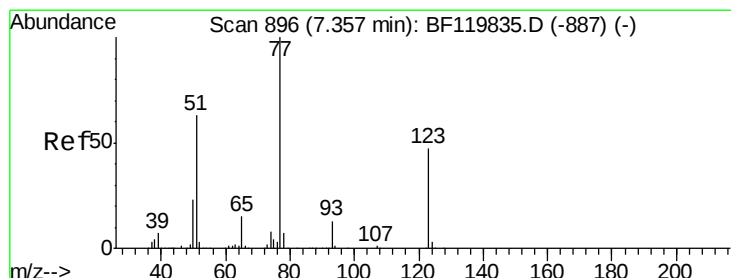
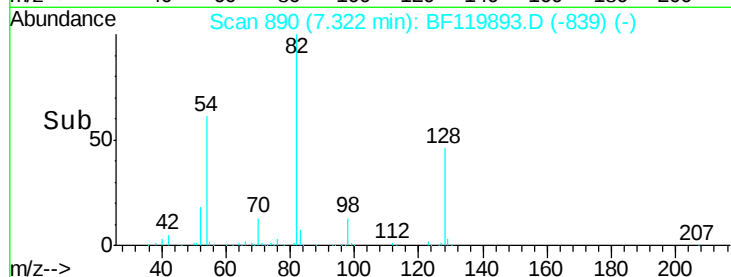
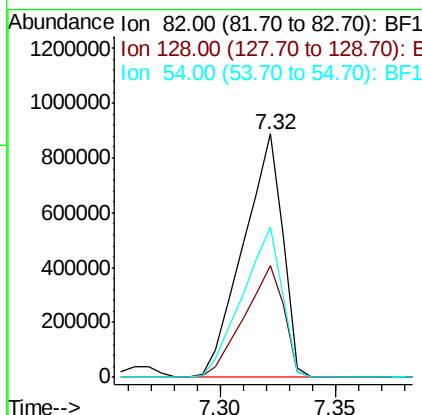
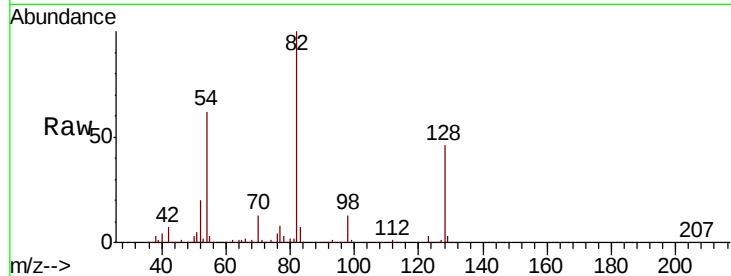
#23
Nitrobenzene-d5
Concen: 74.079 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.2	54.4
54	61.5	50.4	75.6

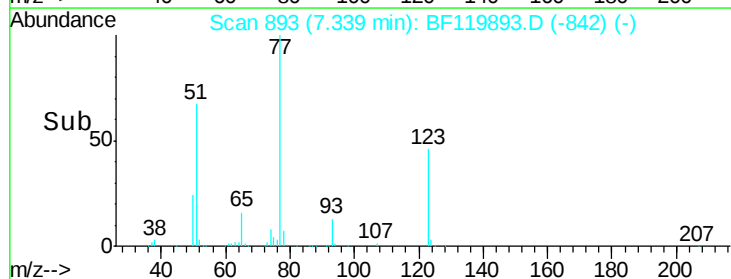
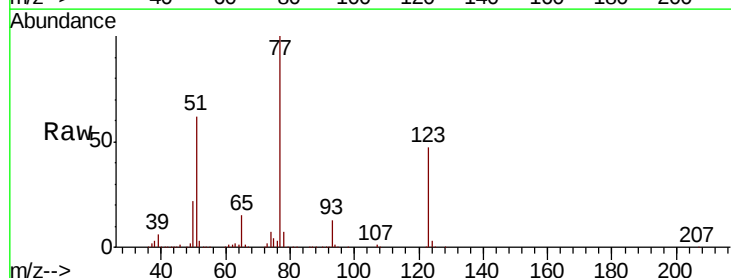
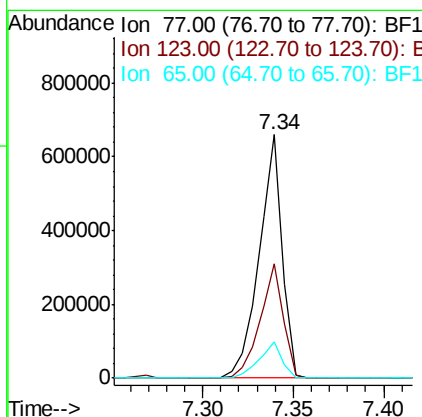
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#24
Nitrobenzene
Concen: 40.383 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.8	56.8
65	14.8	12.2	18.2





#25

Isophorone

Concen: 39.014 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion: 82 Resp: 1077383

Ion Ratio Lower Upper

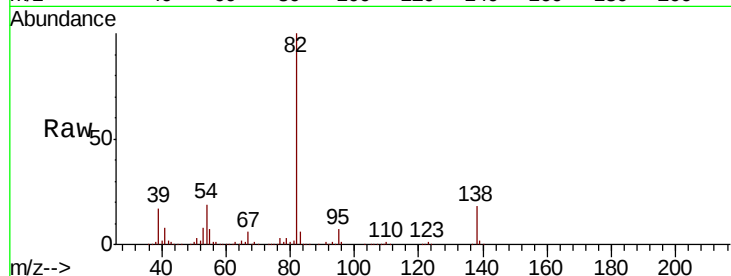
82 100

95 6.9 5.8 8.6

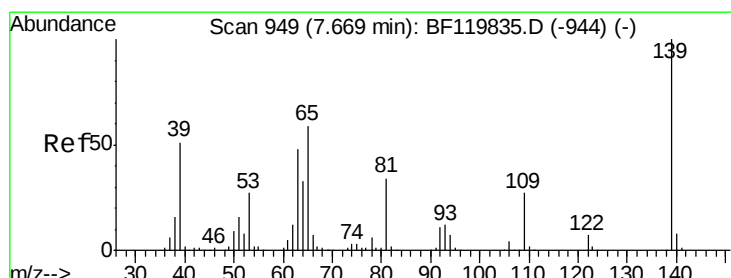
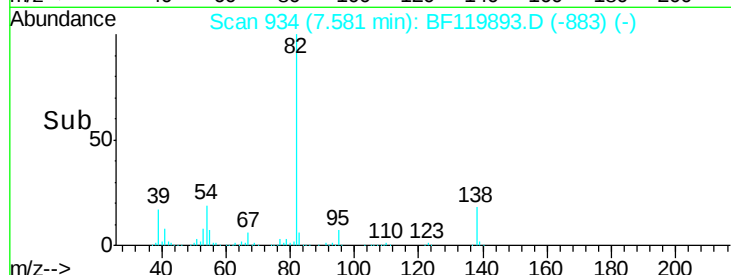
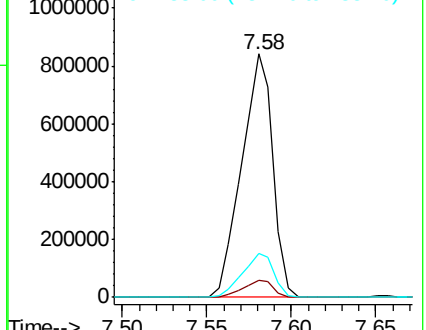
138 18.0 14.5 21.7

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.998 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

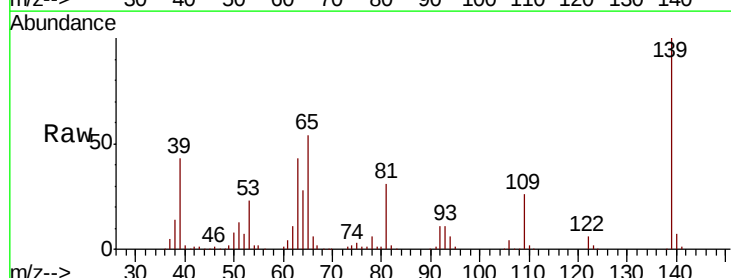
Tgt Ion: 139 Resp: 302371

Ion Ratio Lower Upper

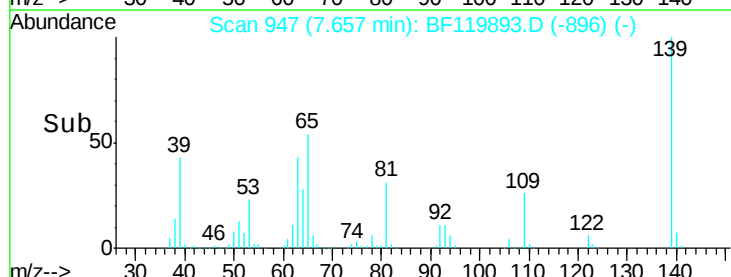
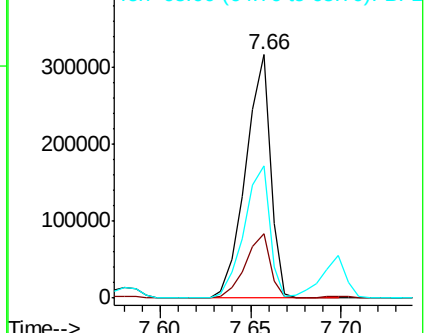
139 100

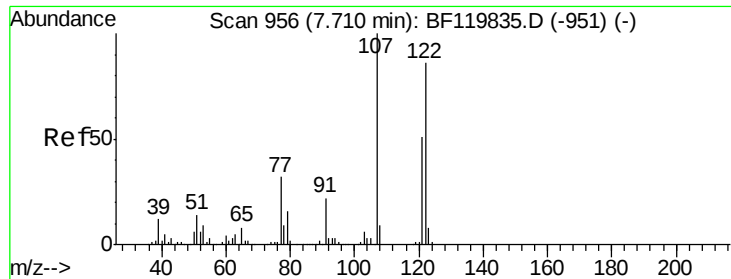
109 26.3 21.8 32.6

65 54.1 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





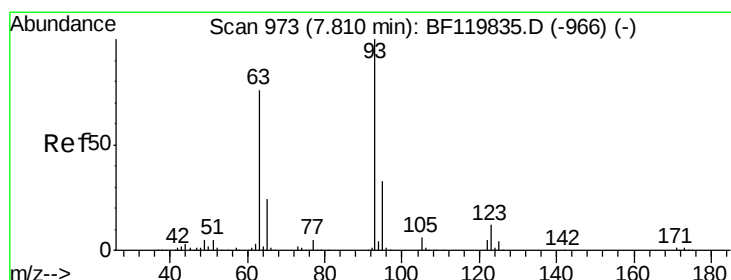
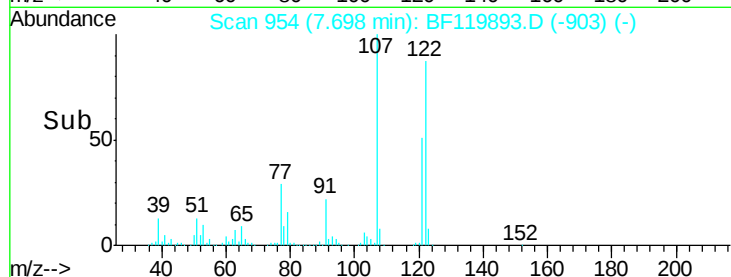
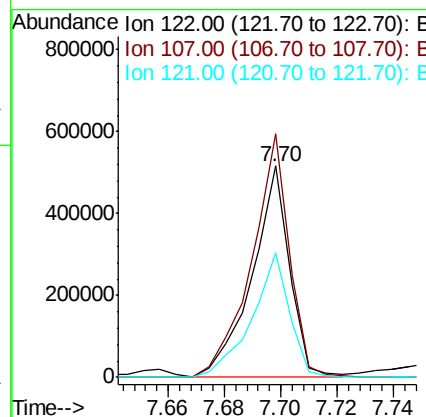
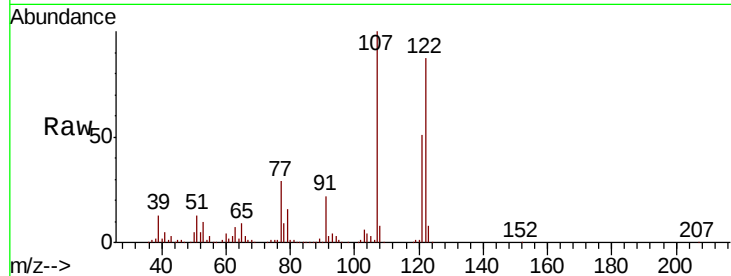
#27
2,4-Dimethylphenol
Concen: 44.024 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	92.3	138.5
121	58.9	46.6	70.0

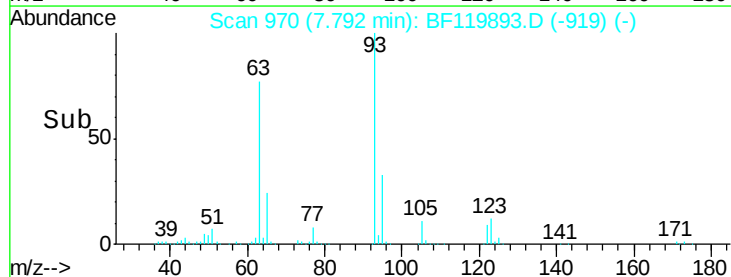
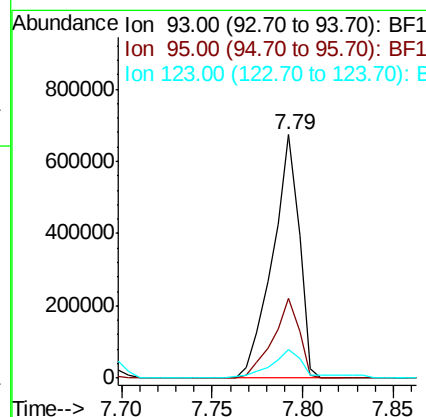
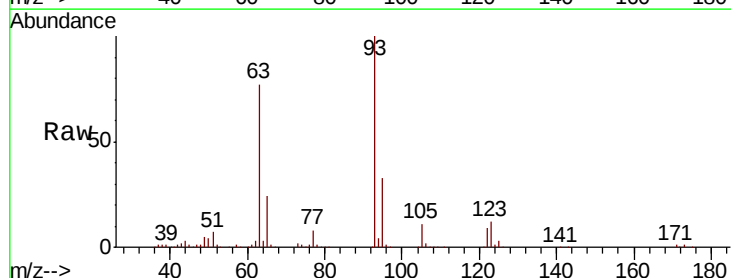
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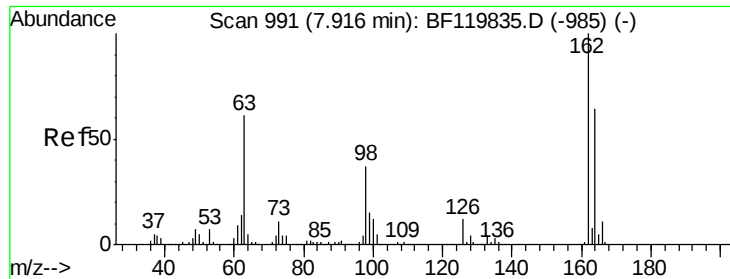
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.303 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.6	9.7	14.5





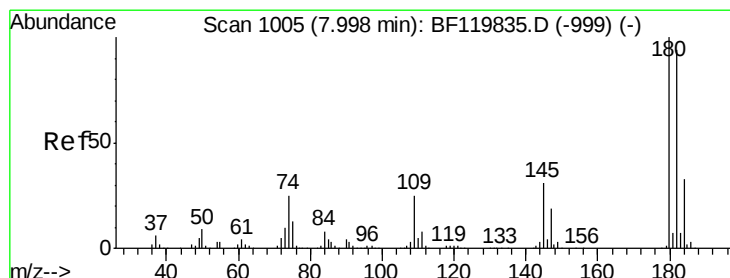
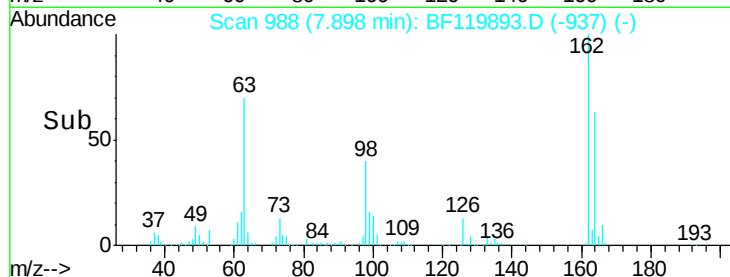
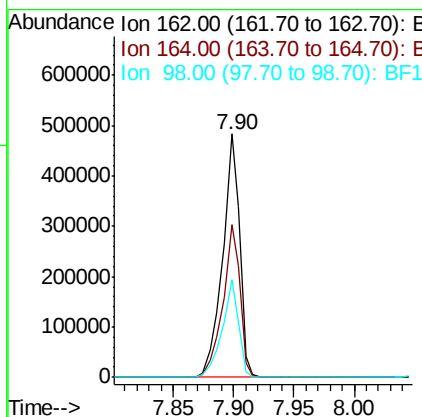
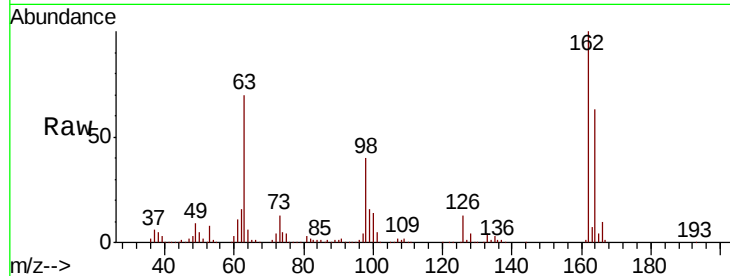
#29
2,4-Dichlorophenol
Concen: 42.310 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.4	84.4
98	40.1	17.3	57.3

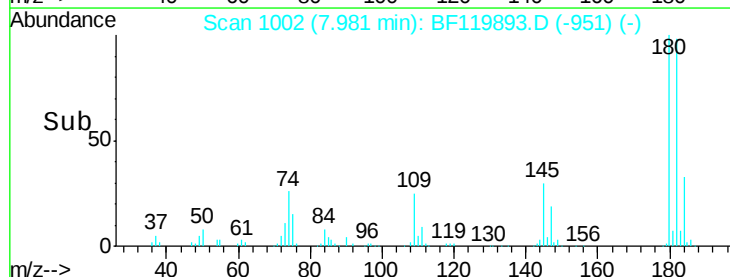
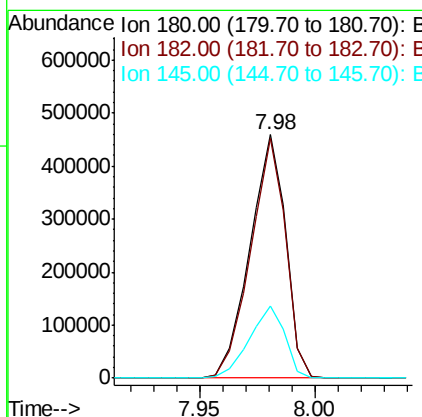
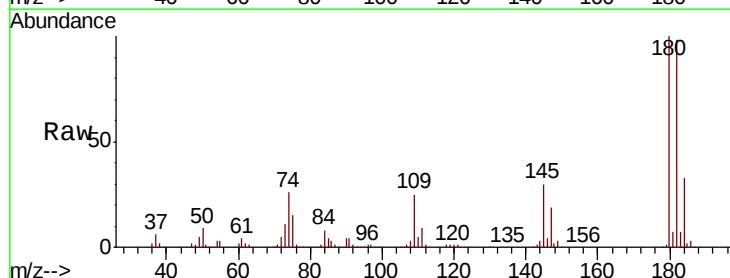
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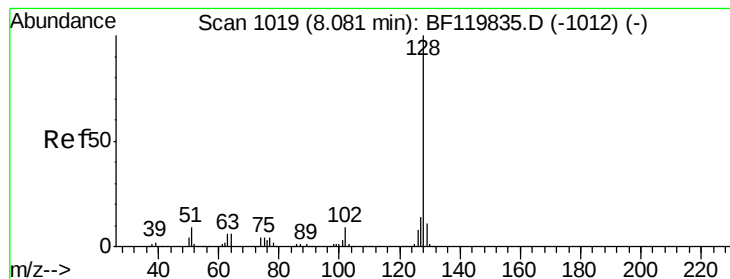
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.172 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.4	113.0
145	29.9	24.6	37.0





#31

Naphthalene

Concen: 40.626 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion:128 Resp: 1584065

Ion Ratio Lower Upper

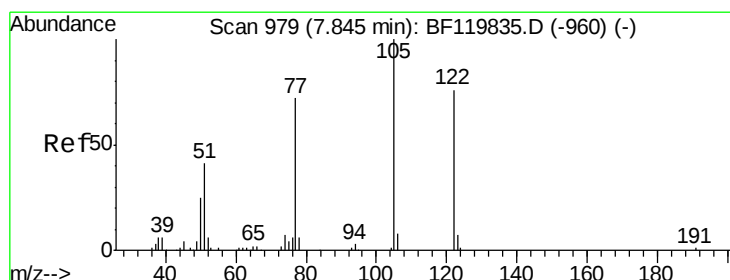
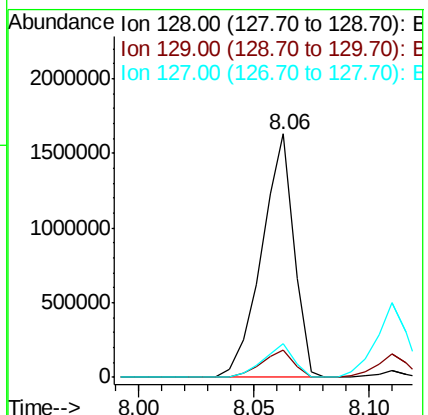
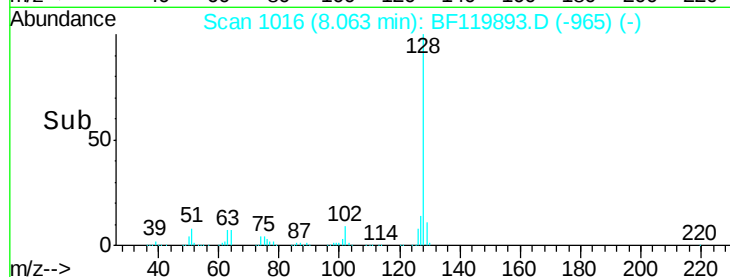
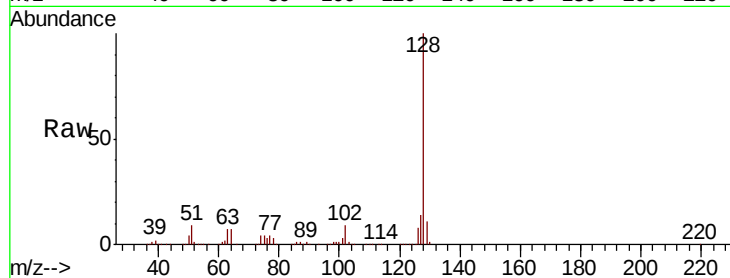
128 100

129 11.4 9.0 13.6

127 13.6 11.0 16.4

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#32

Benzoic acid

Concen: 40.629 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

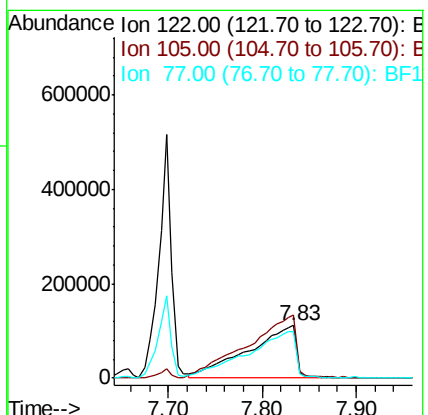
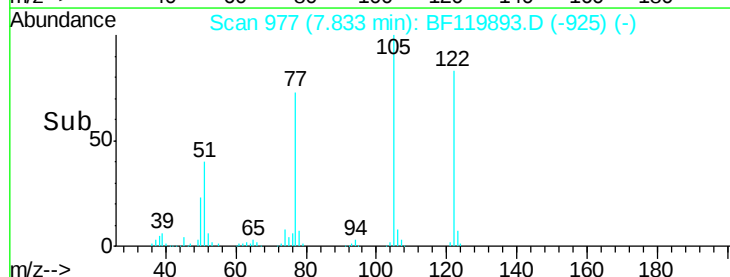
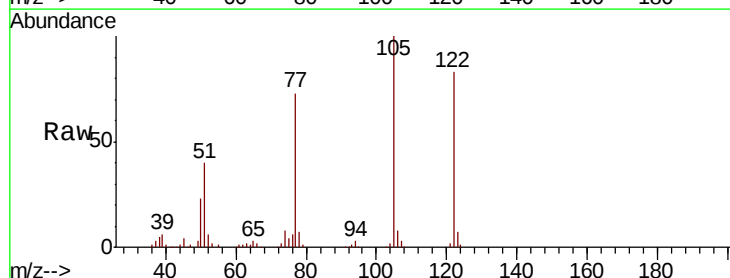
Tgt Ion:122 Resp: 387451

Ion Ratio Lower Upper

122 100

105 120.8 106.7 146.7

77 88.2 72.1 112.1





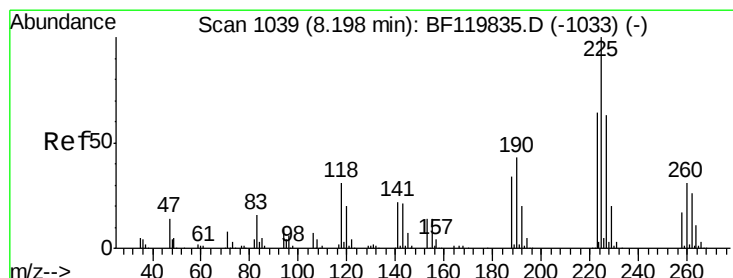
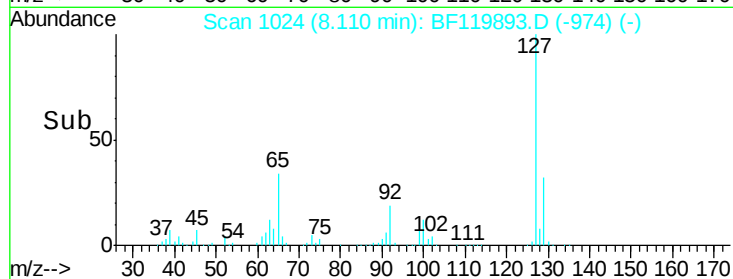
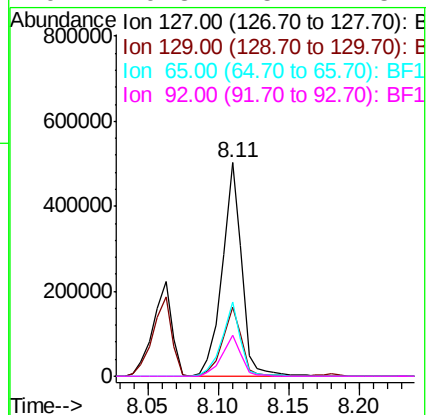
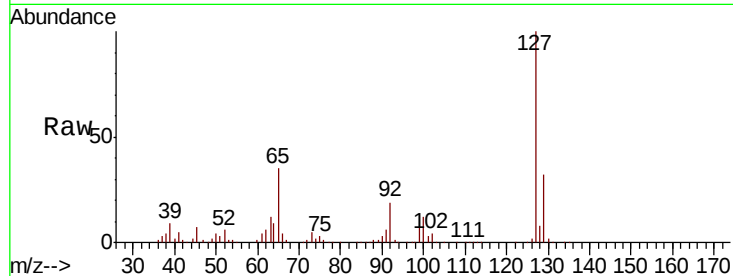
#33
4-Chloroaniline
Concen: 28.356 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	34.6	28.3	42.5		
92	19.3	15.4	23.2		

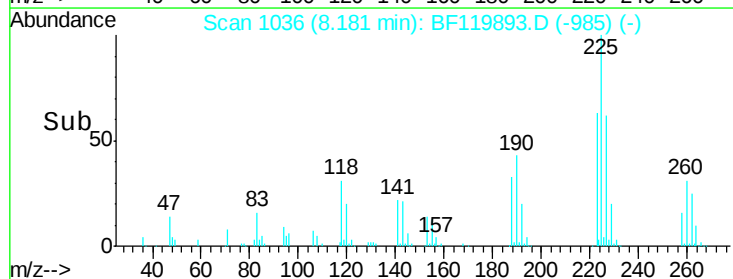
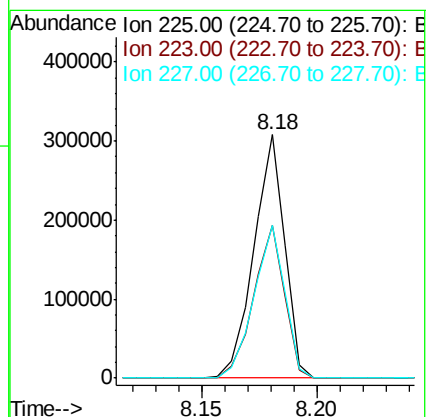
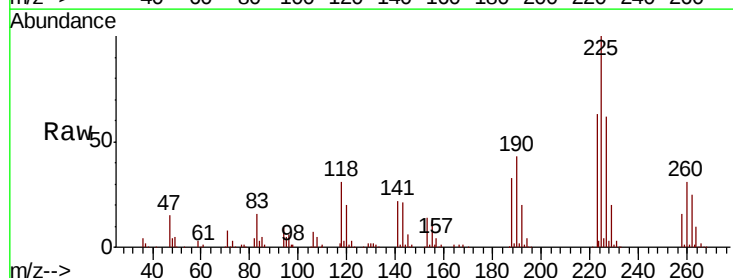
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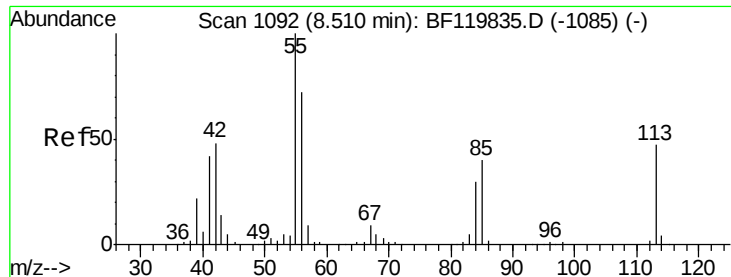
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#34
Hexachlorobutadiene
Concen: 37.962 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.0	76.6		
227	62.5	50.4	75.6		





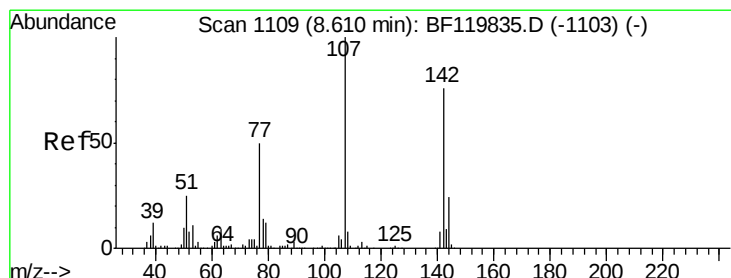
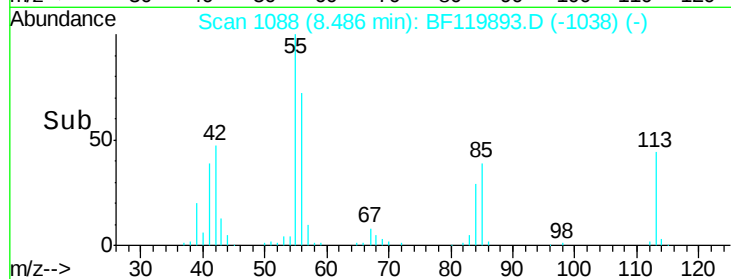
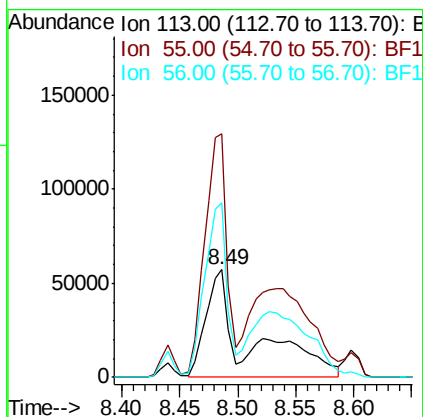
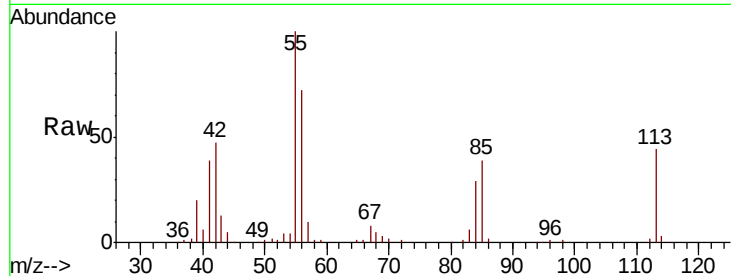
#35
 Caprolactam
 Concen: 43.812 ng/ml
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.8	192.7	232.7
56	161.8	133.3	173.3

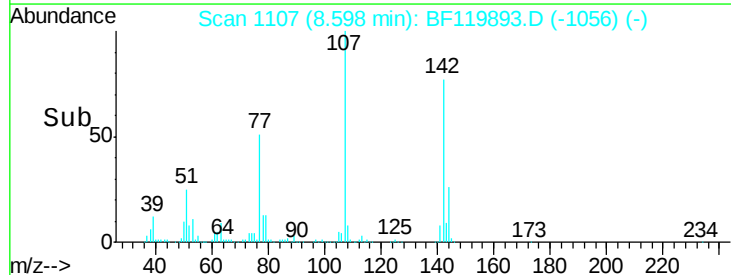
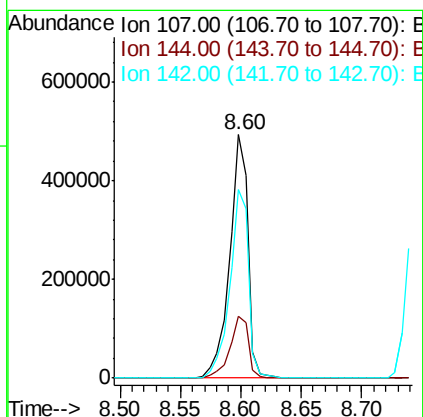
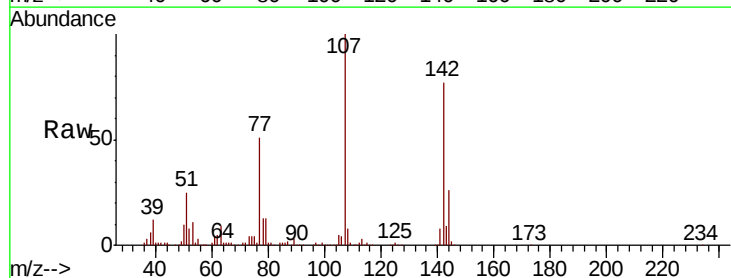
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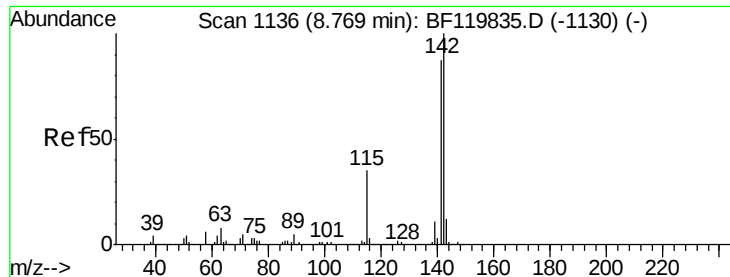
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#36
 4-Chloro-3-methylphenol
 Concen: 43.044 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.5	29.3
142	77.2	60.5	90.7





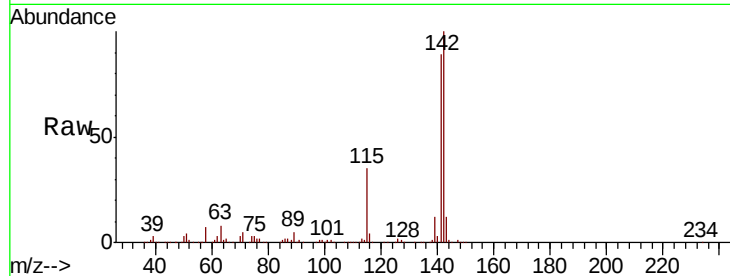
#37
2-Methylnaphthalene
Concen: 40.707 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampled :
PB128115BS

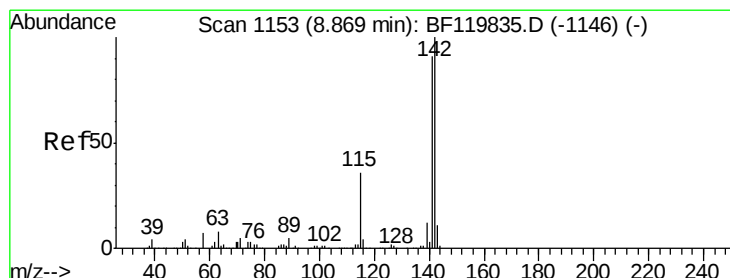
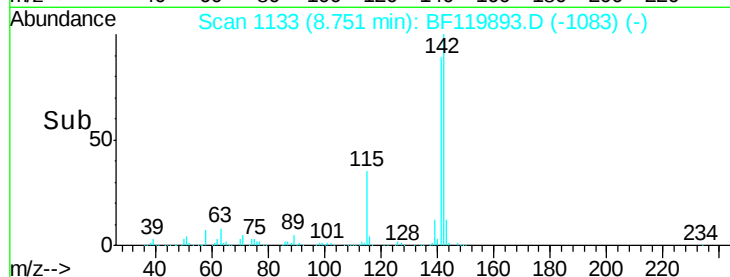
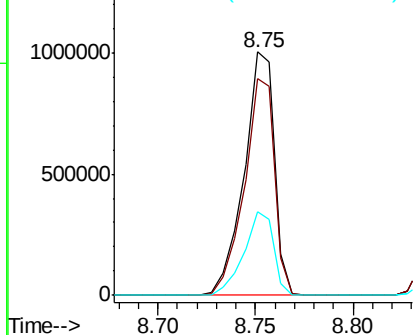
Tot Ion:142 Resp: 1076088
Ion Ratio Lower Upper
142 100
141 89.2 69.9 104.9
115 34.6 28.0 42.0

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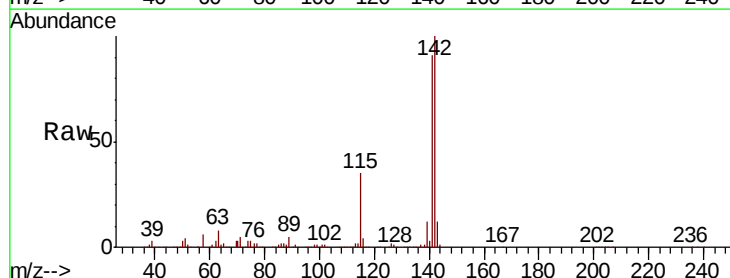


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

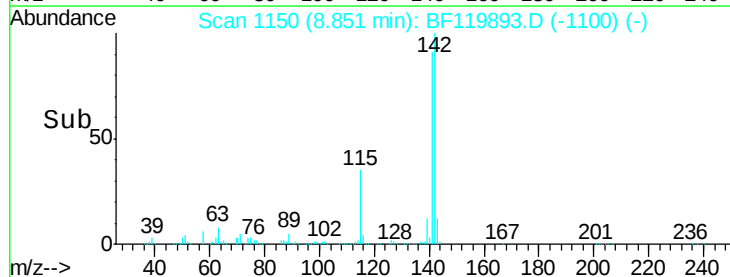
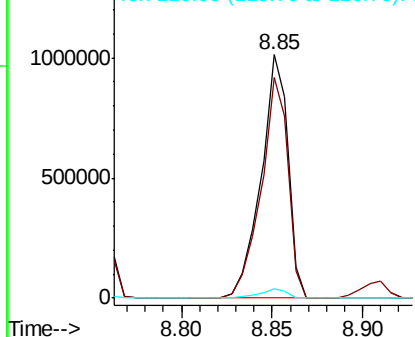


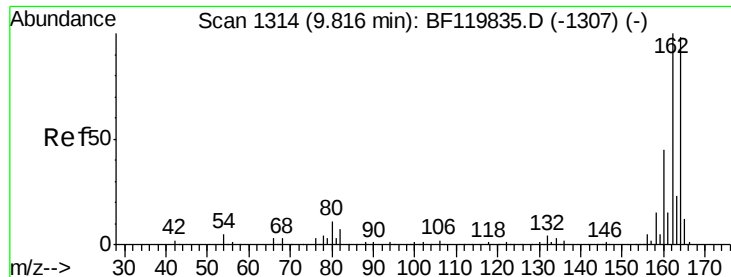
#38
1-Methylnaphthalene
Concen: 41.903 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:142 Resp: 1044074
Ion Ratio Lower Upper
142 100
141 90.6 72.9 109.3
116 4.0 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





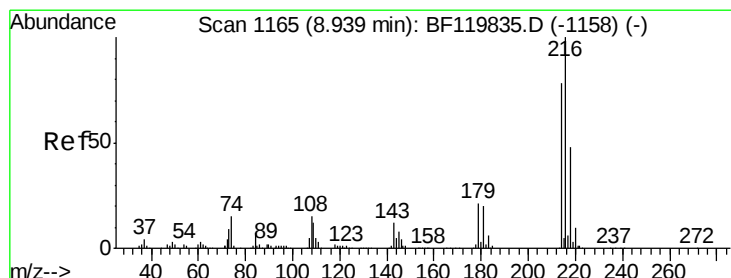
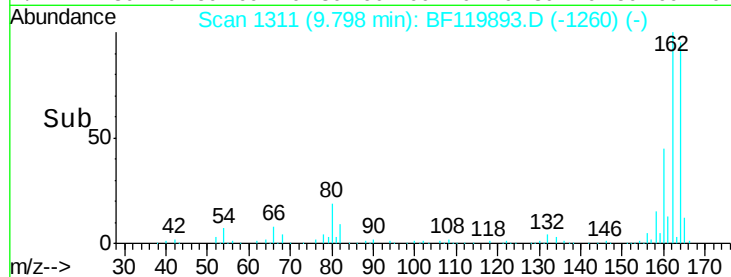
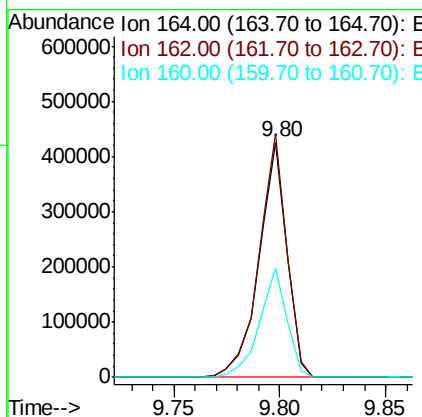
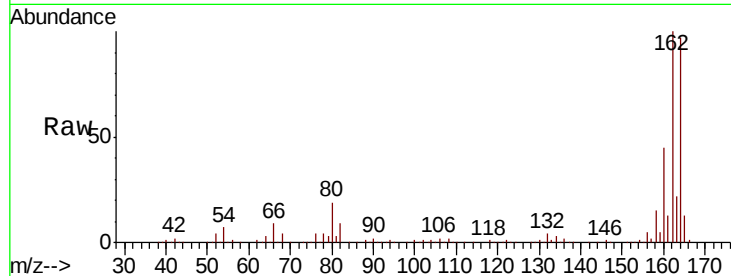
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.9	122.9
160	46.4	36.6	54.8

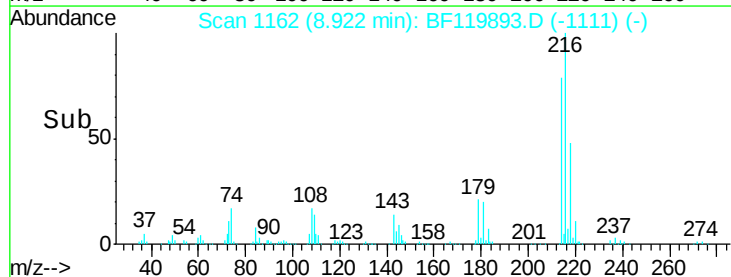
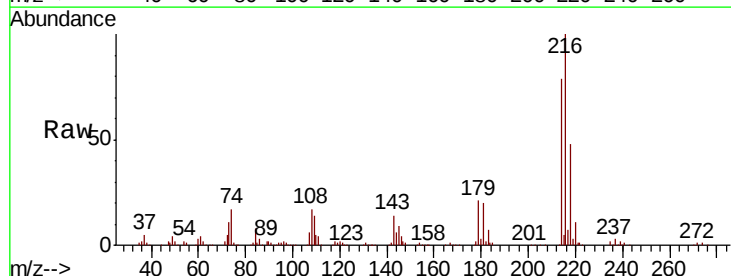
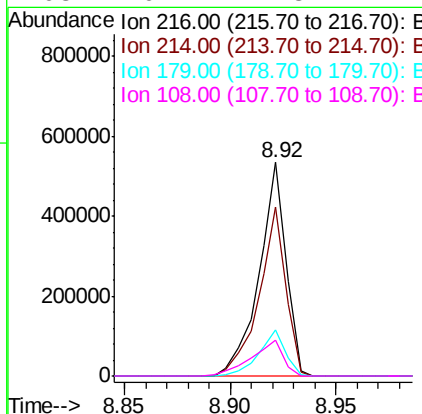
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.248 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.1	94.7
179	21.3	17.0	25.4
108	20.2	14.8	22.2





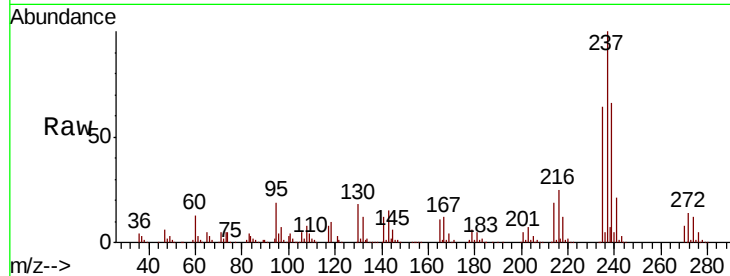
#41
Hexachlorocyclopentadiene
Concen: 81.287 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

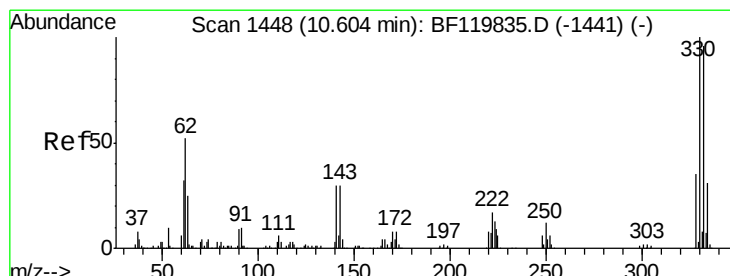
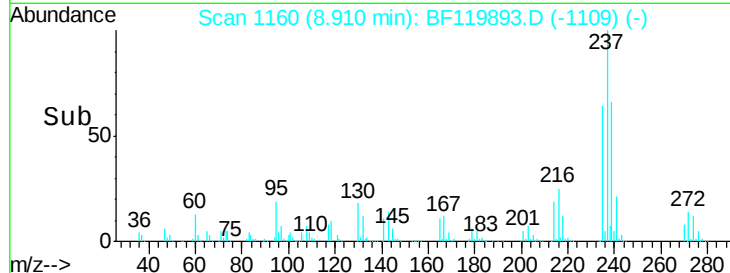
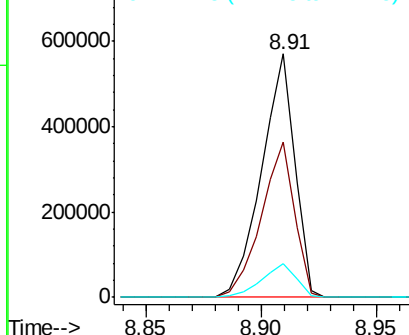
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	44.9	84.9	
272	14.0	0.0	33.6	

Manual Integrations
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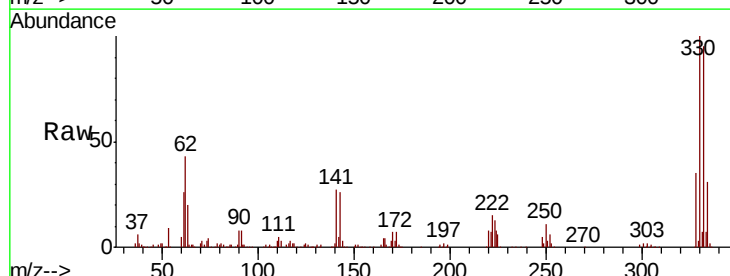


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

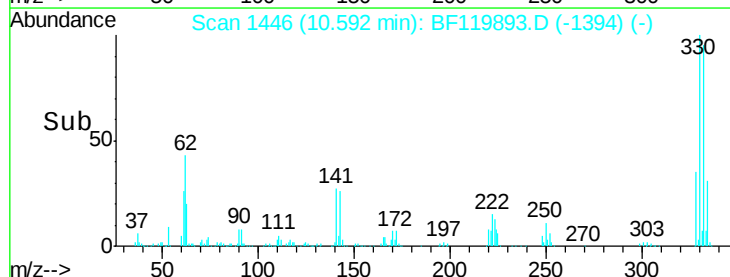
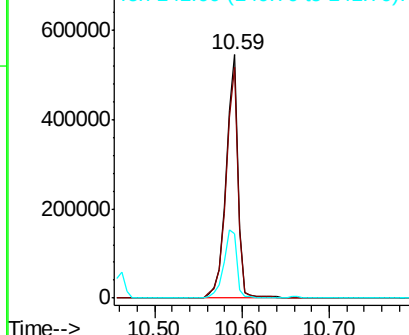


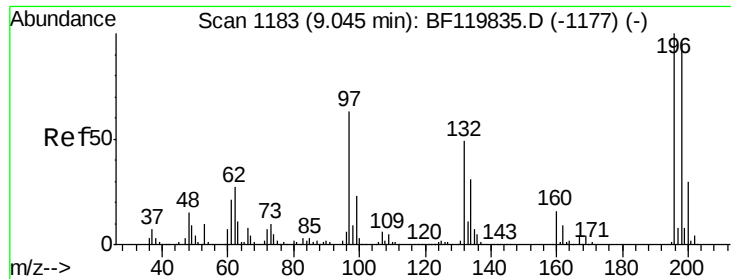
#42
2,4,6-Tribromophenol
Concen: 108.956 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.8	115.2	
141	30.9	25.1	37.7	



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





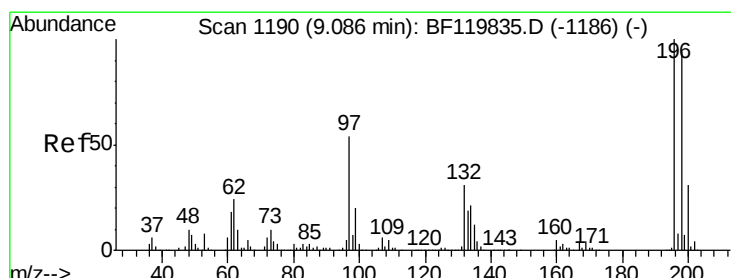
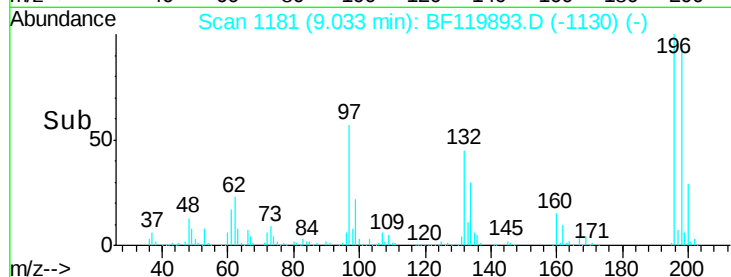
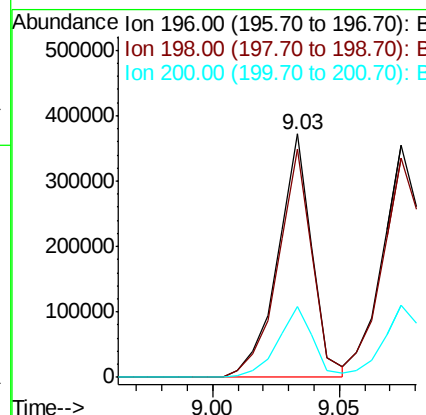
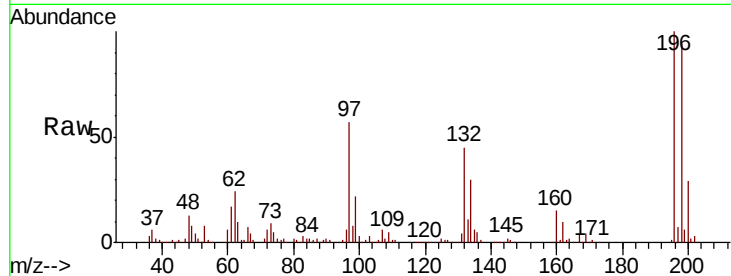
#43
 2,4,6-Trichlorophenol
 Concen: 40.903 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	349619		
198	93.9	76.6	115.0	
200	29.3	24.2	36.2	

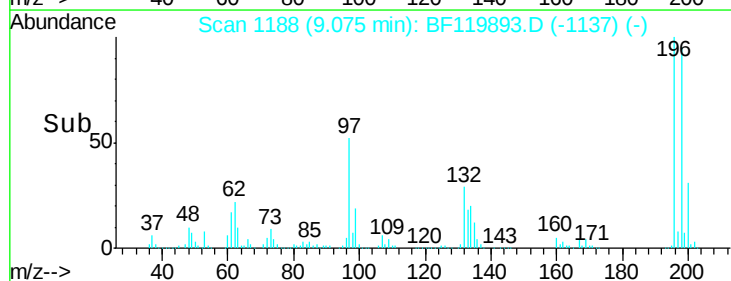
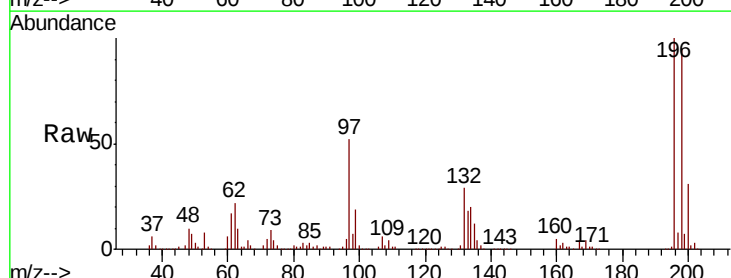
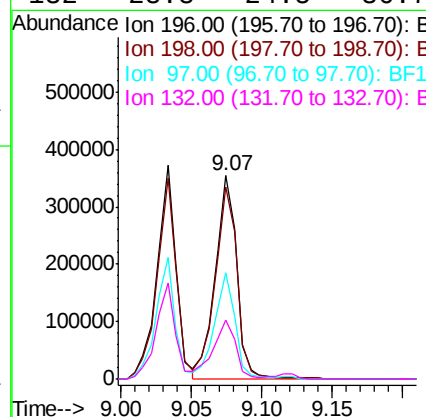
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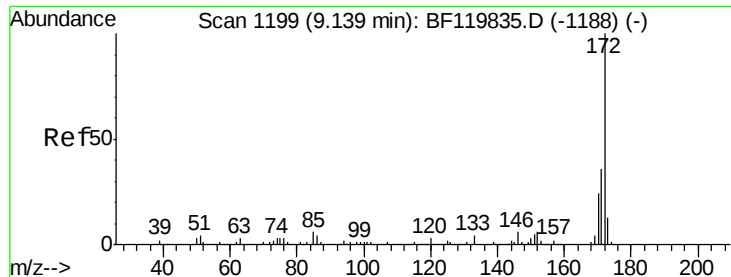
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.927 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	374751		
198	94.5	75.1	112.7	
97	52.0	43.4	65.2	
132	28.8	24.5	36.7	





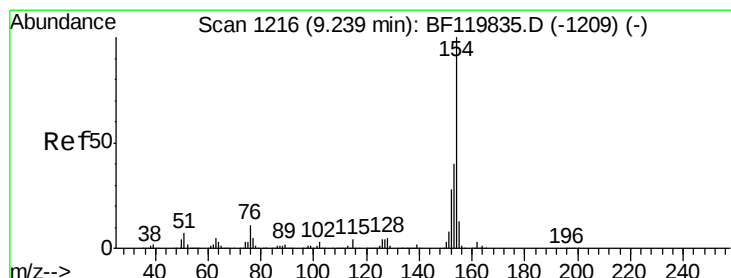
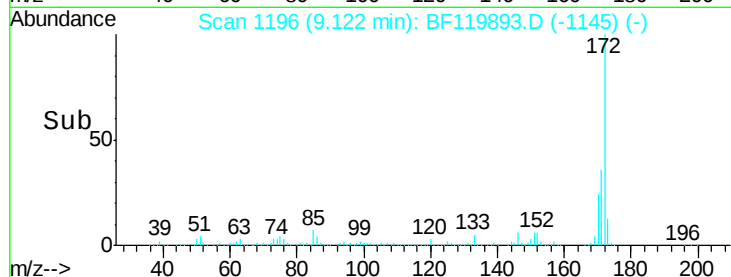
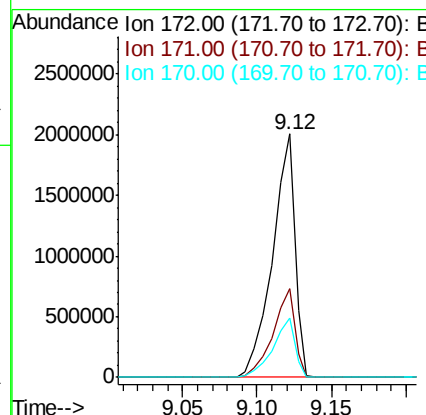
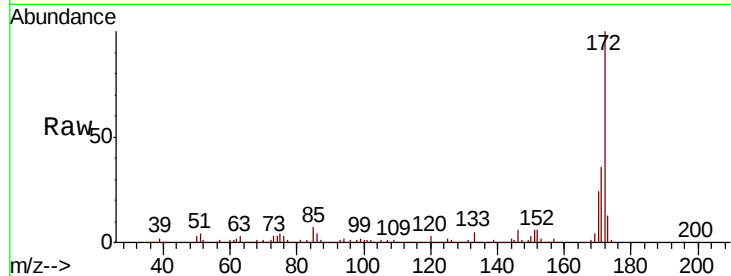
#45
 2-Fluorobiphenyl
 Concen: 75.452 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.2	19.4	29.2

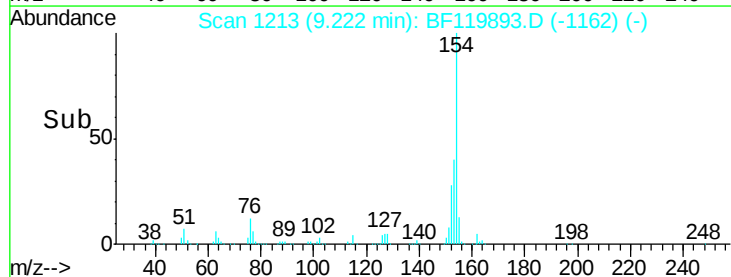
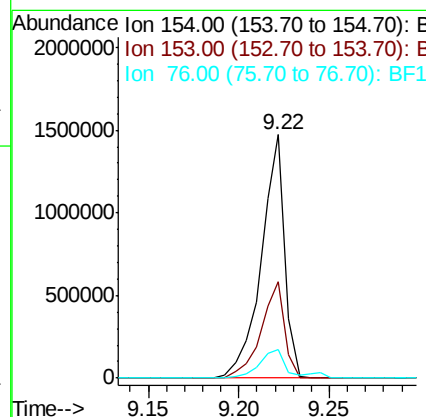
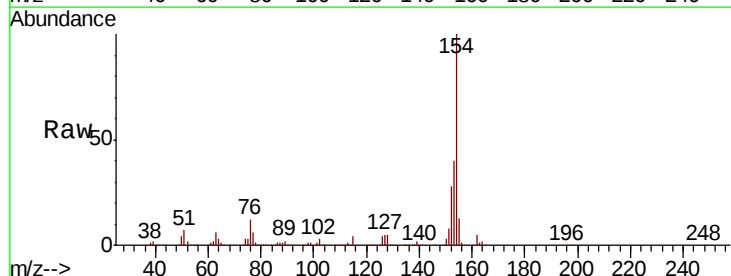
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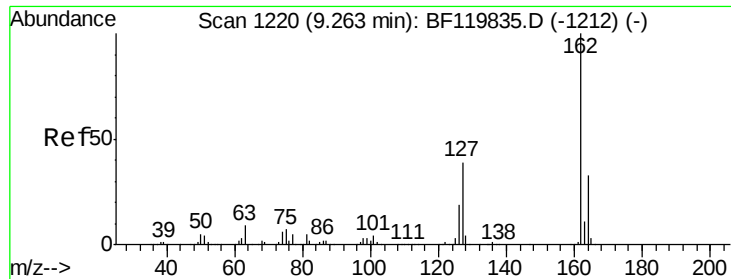
mohammad
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#46
 1,1'-Biphenyl
 Concen: 39.838 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	11.5	0.0	30.6





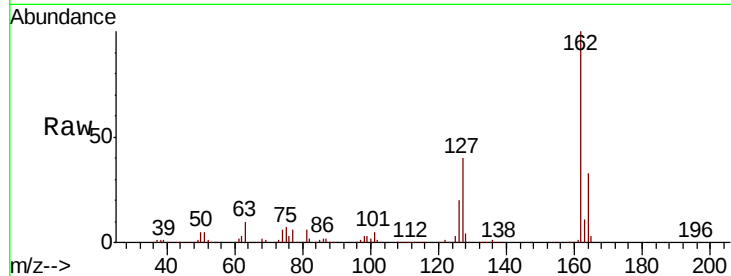
#47
2-Chloronaphthalene
Concen: 40.021 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

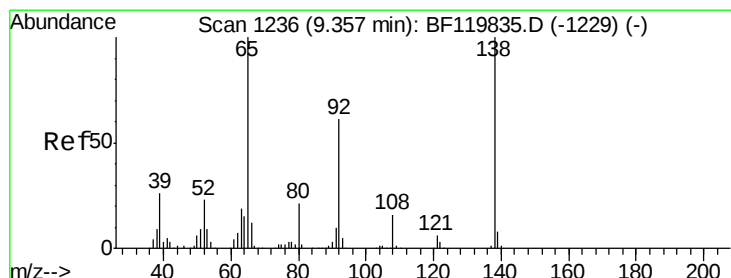
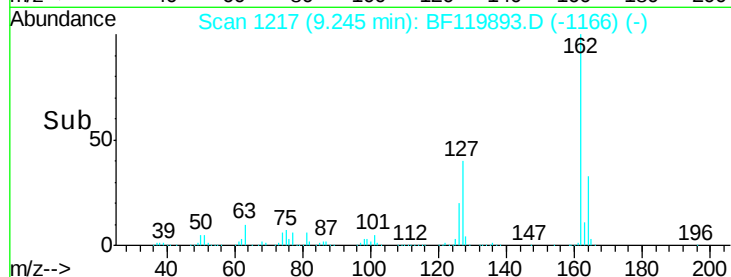
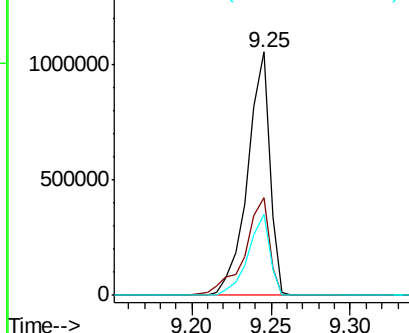
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.2	46.8
164	33.1	26.3	39.5

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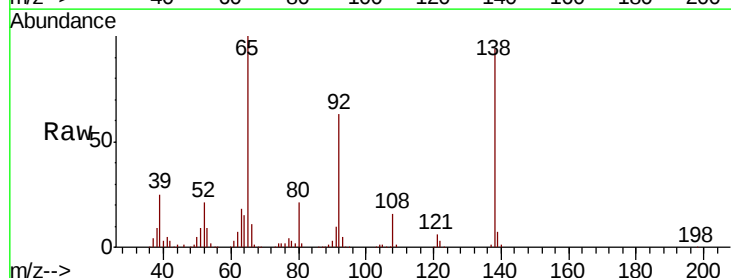


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

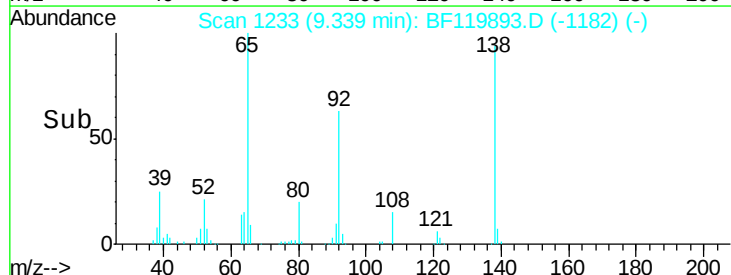
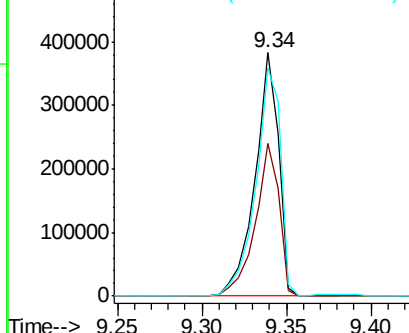


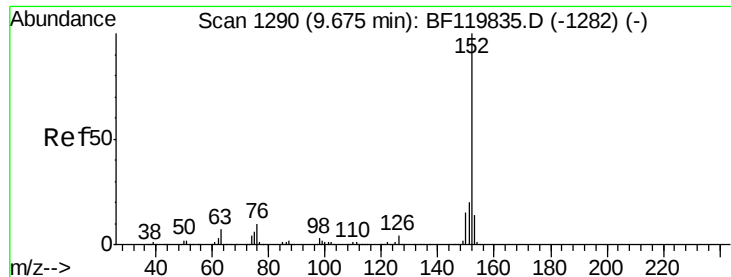
#48
2-Nitroaniline
Concen: 40.508 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.0	73.6
138	93.7	79.7	119.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





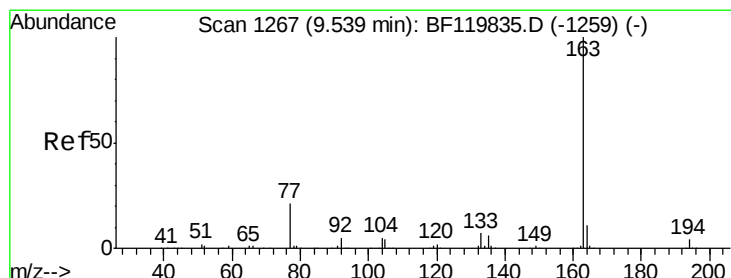
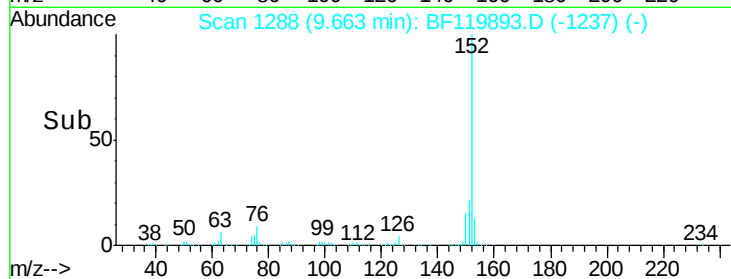
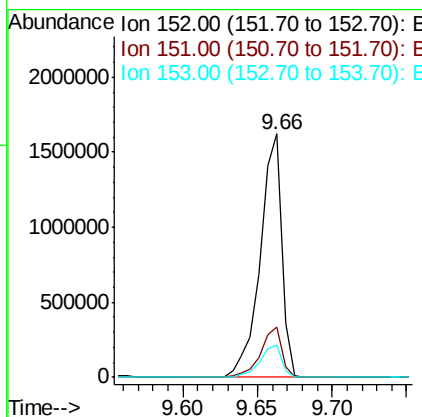
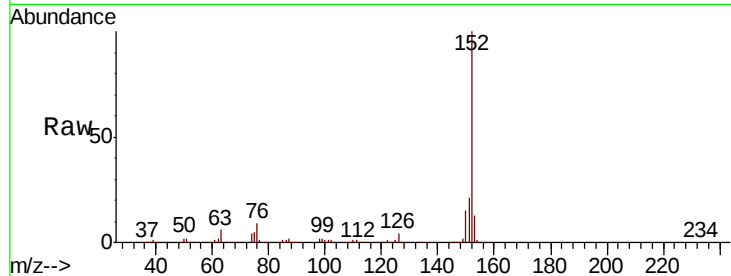
#49
Acenaphthylene
Concen: 41.467 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.2	10.9	16.3

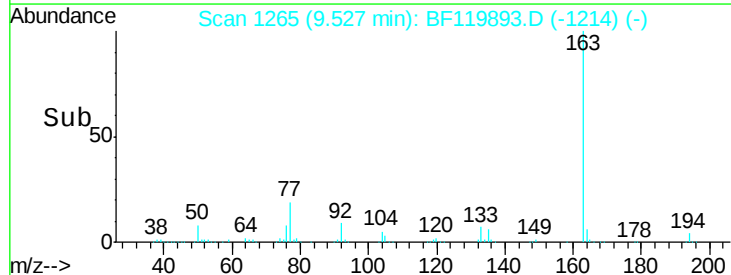
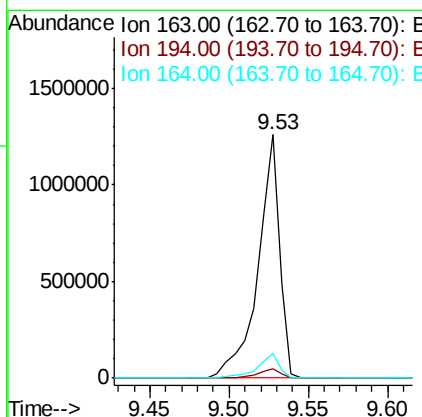
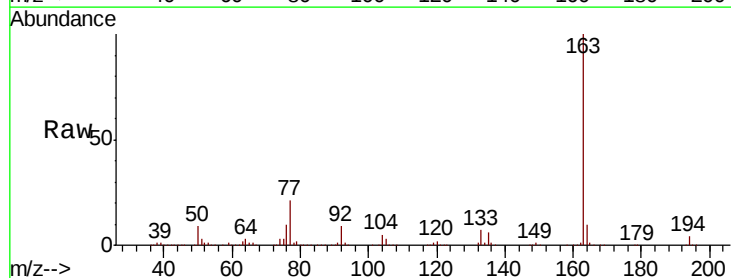
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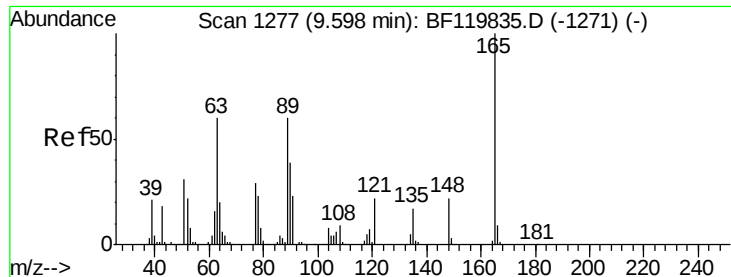
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#50
Dimethylphthalate
Concen: 39.855 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 40.742 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion:165 Resp: 270451

Ion Ratio Lower Upper

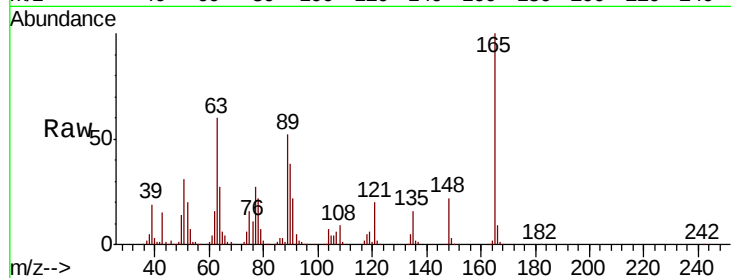
165 100

63 59.6 55.6 83.4

89 52.1 47.9 71.9

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

400000

300000

200000

100000

0

9.55

9.60

9.65

9.70

9.75

9.80

9.85

9.90

9.95

10.00

10.05

10.10

10.15

10.20

10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

10.75

10.80

10.85

10.90

10.95

11.00

11.05

11.10

11.15

11.20

11.25

11.30

11.35

11.40

11.45

11.50

11.55

11.60

11.65

11.70

11.75

11.80

11.85

11.90

11.95

12.00

12.05

12.10

12.15

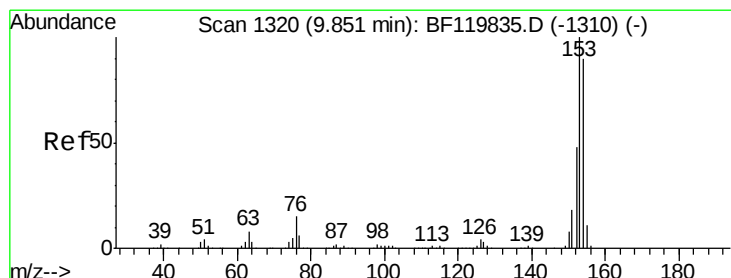
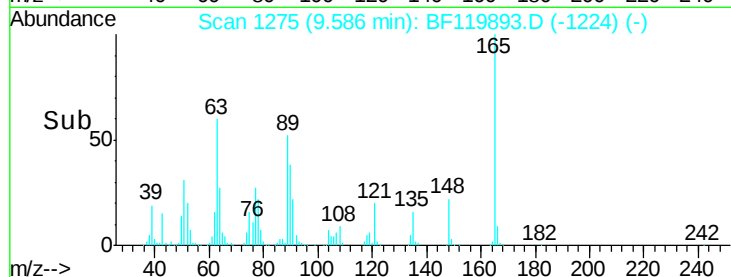
12.20

12.25

12.30

12.35

12.40



#52

Acenaphthene

Concen: 44.625 ng m

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

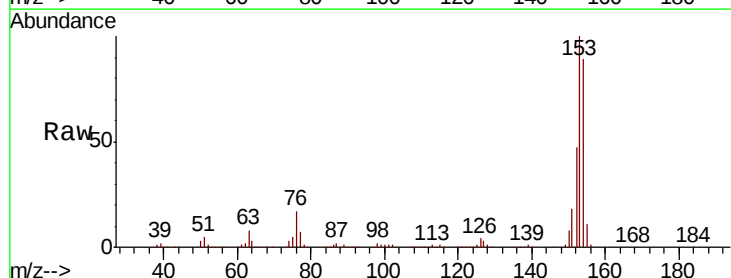
Tgt Ion:154 Resp: 1153618

Ion Ratio Lower Upper

154 100

153 111.9 88.8 133.2

152 53.0 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

1500000

1000000

500000

0

9.75

9.80

9.85

9.90

9.95

10.00

10.05

10.10

10.15

10.20

10.25

10.30

10.35

10.40

10.45

10.50

10.55

10.60

10.65

10.70

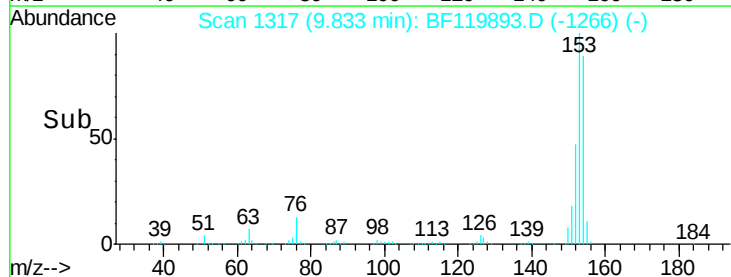
10.75

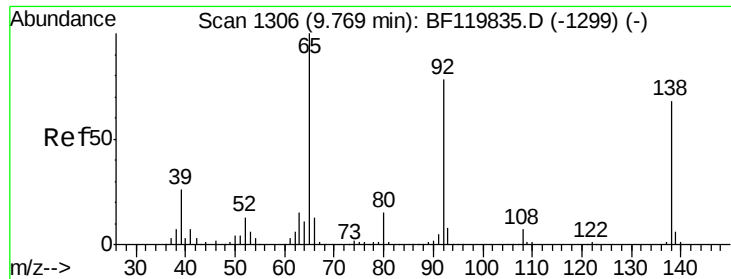
10.80

10.85

10.90

10.95





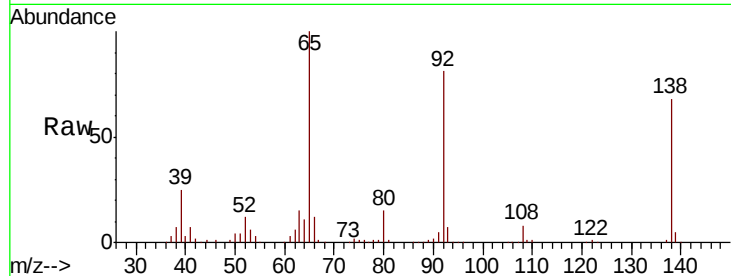
#53
3-Nitroaniline
Concen: 29.995 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

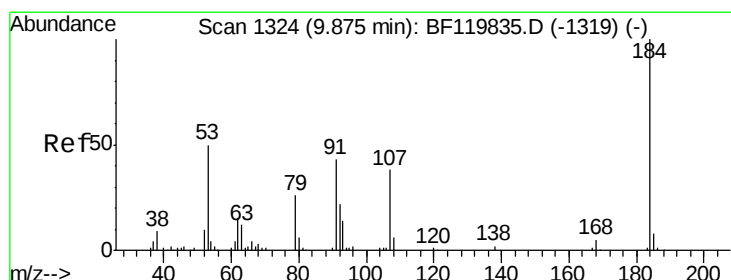
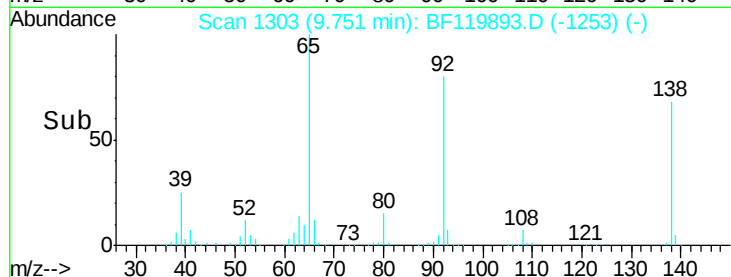
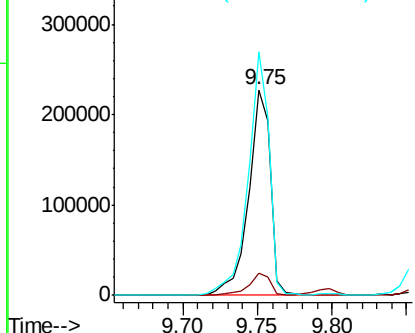
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.0	12.0
92	118.3	92.1	138.1

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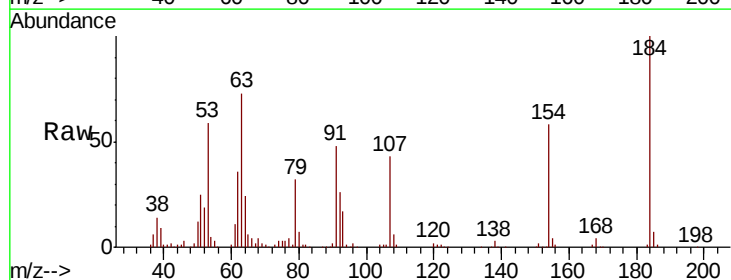


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

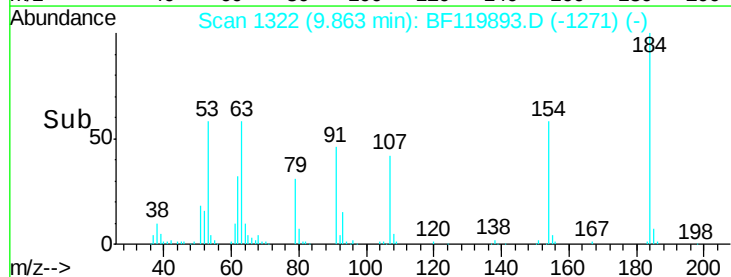
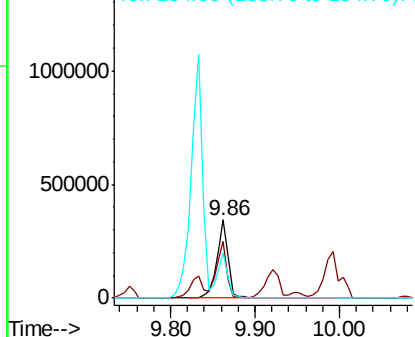


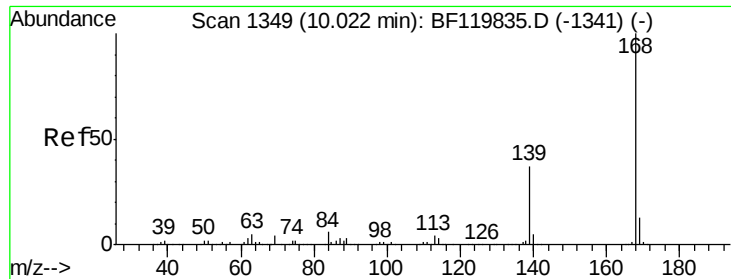
#54
2,4-Dinitrophenol
Concen: 85.241 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.2	49.8	74.6
154	57.7	46.5	69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





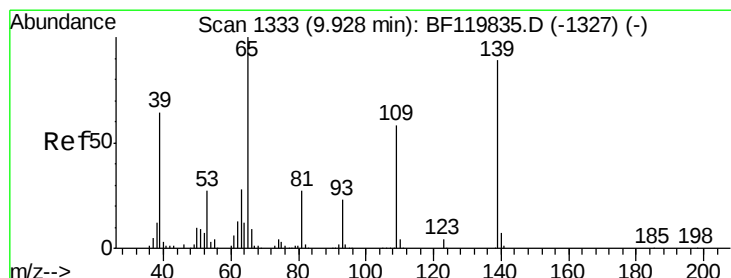
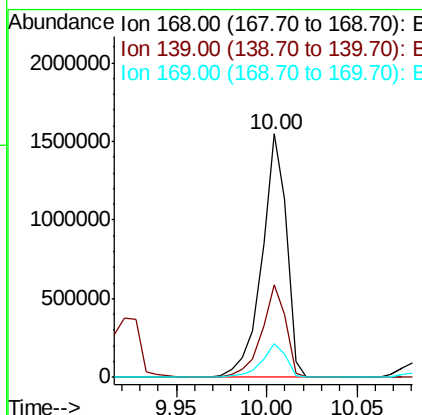
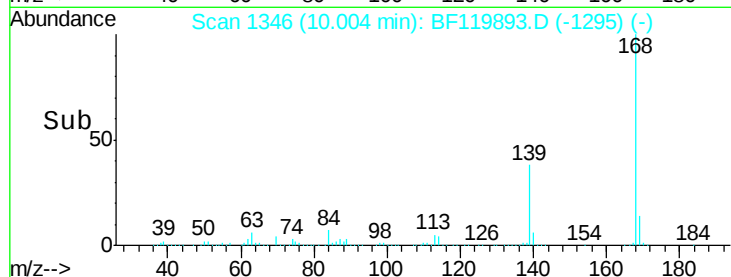
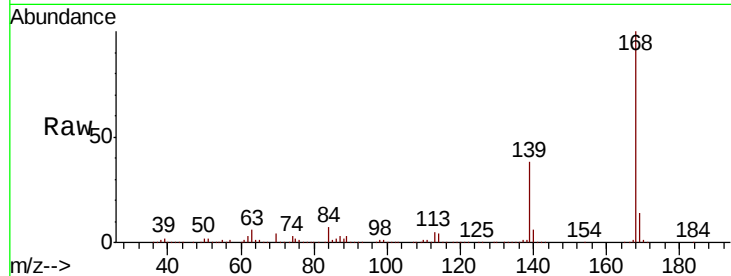
#55
Dibenzofuran
Concen: 41.101 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion:168 Resp: 1458052
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.9 10.6 15.8

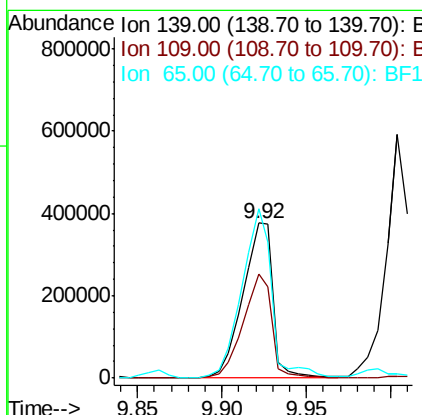
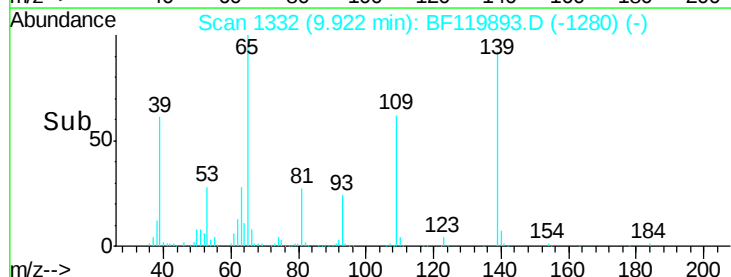
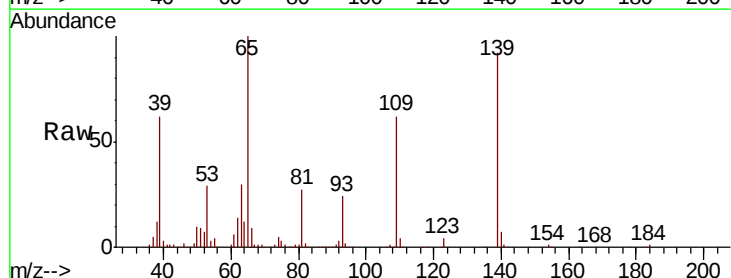
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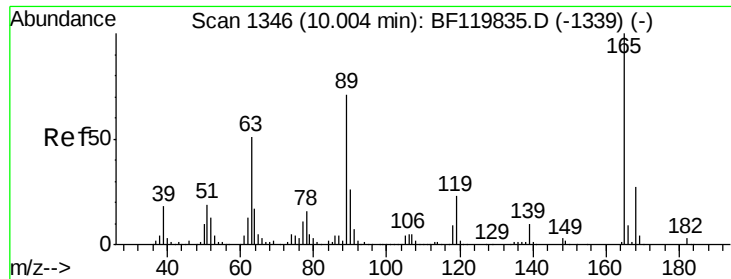
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#56
4-Nitrophenol
Concen: 83.572 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:139 Resp: 471418
Ion Ratio Lower Upper
139 100
109 67.1 45.5 85.5
65 109.0 92.3 132.3





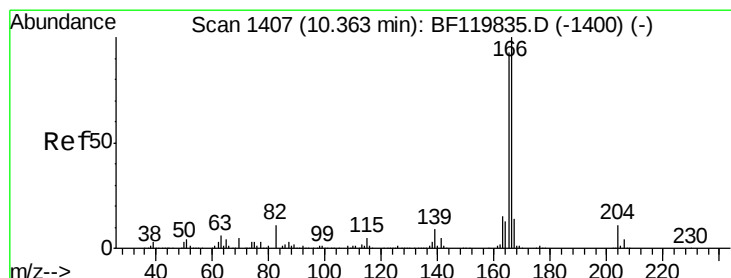
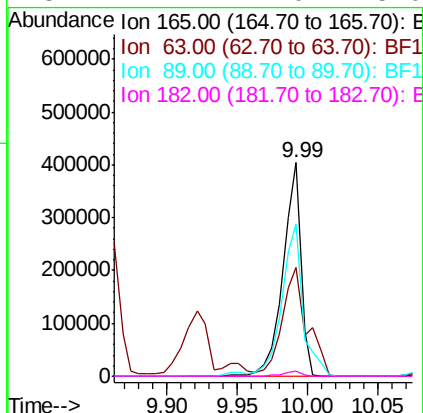
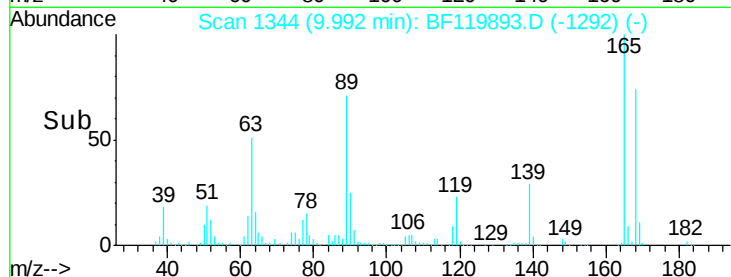
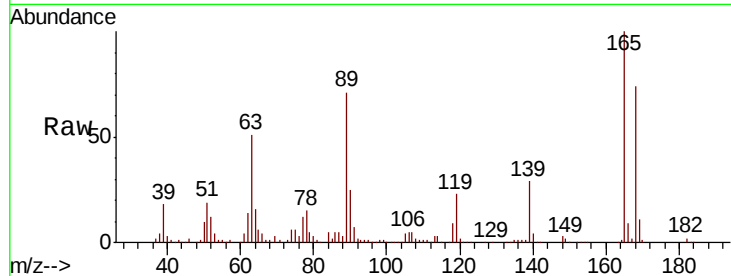
#57
2,4-Dinitrotoluene
Concen: 41.137 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	40.8	61.2
89	71.3	56.9	85.3
182	2.4	2.0	3.0

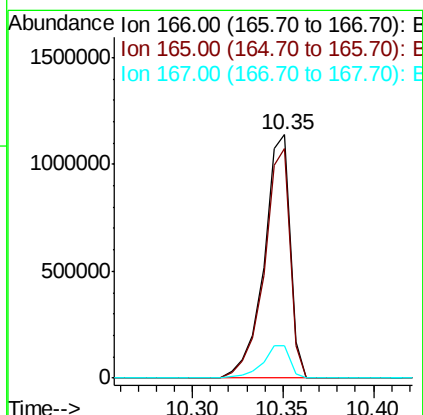
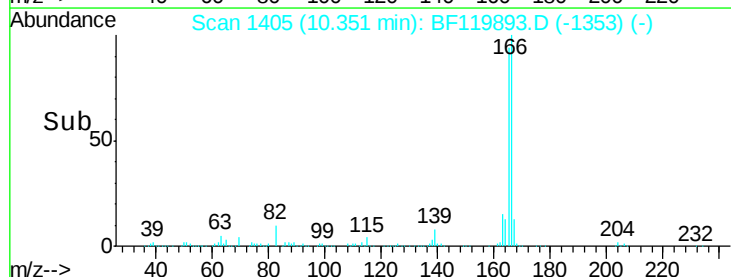
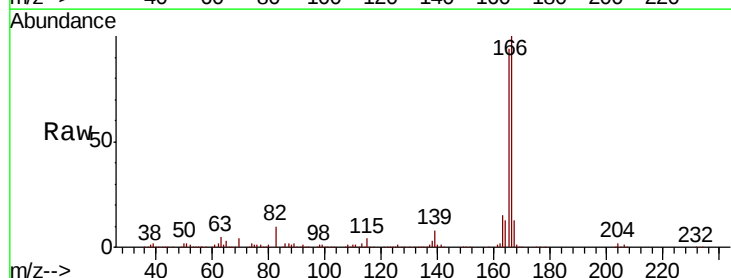
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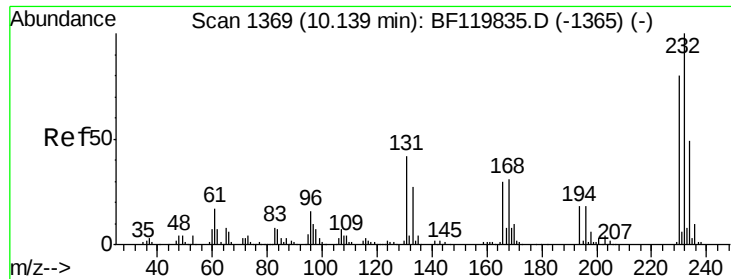
mohammad
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#58
Fluorene
Concen: 40.164 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.2	111.2
167	13.2	10.8	16.2





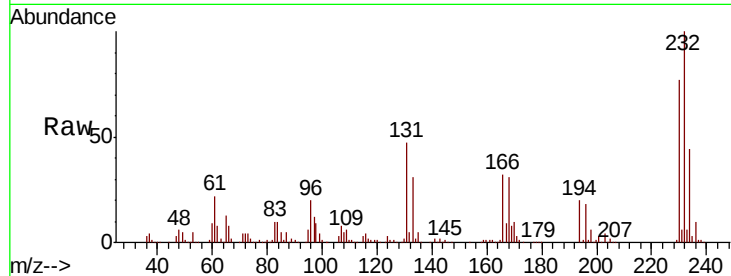
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.971 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

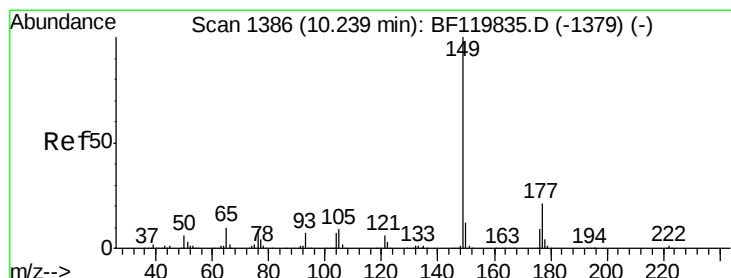
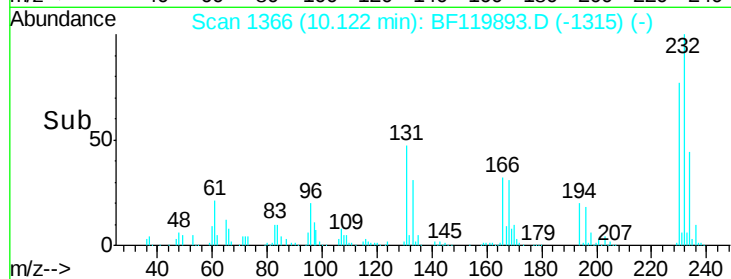
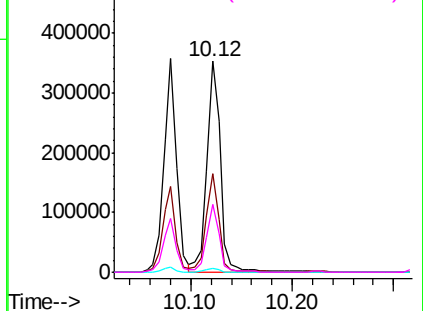
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.9	56.9
130	2.1	1.8	2.6
166	30.3	25.4	38.0

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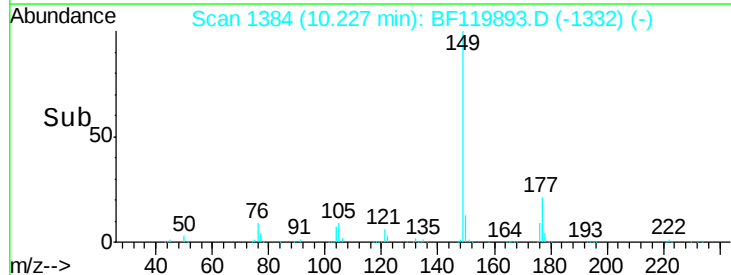
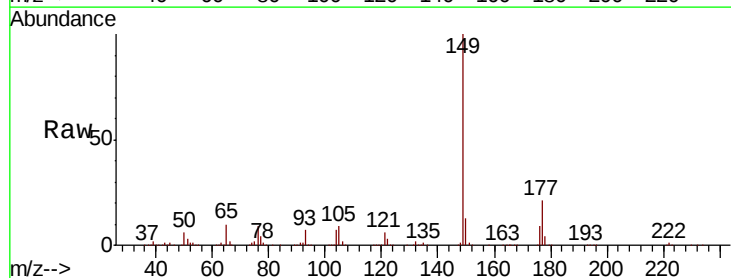
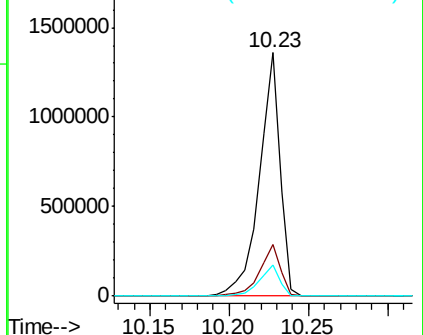
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

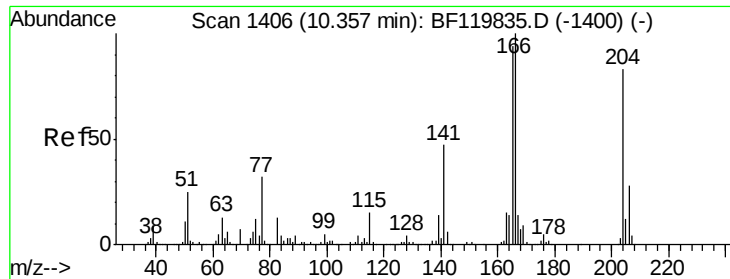


#60
 Diethylphthalate
 Concen: 39.615 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.8	9.8	14.6

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





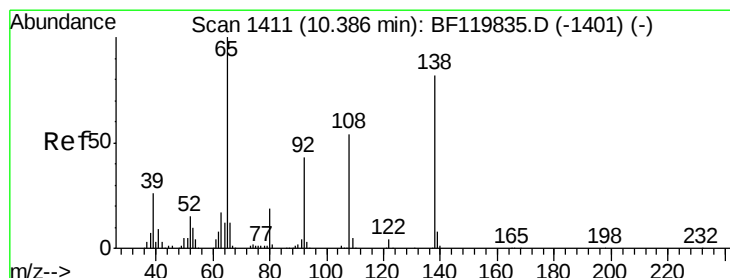
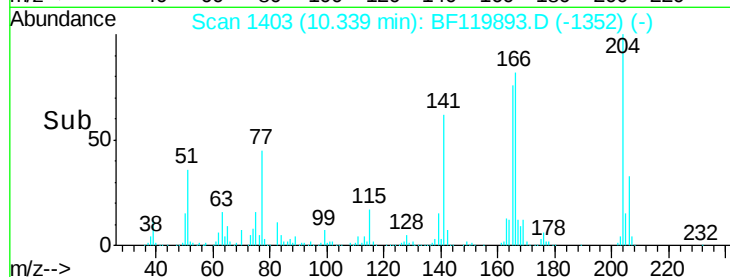
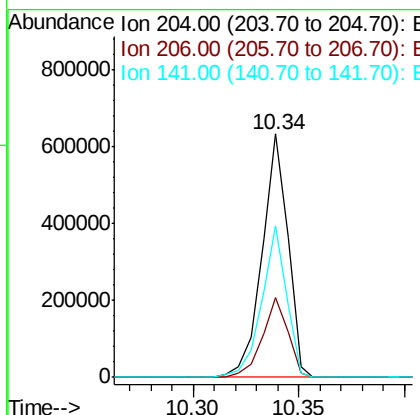
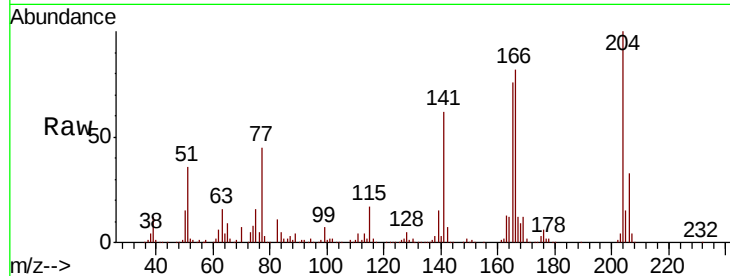
#61
4-Chlorophenyl-phenylether
Concen: 36.972 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	62.1	45.8	68.8

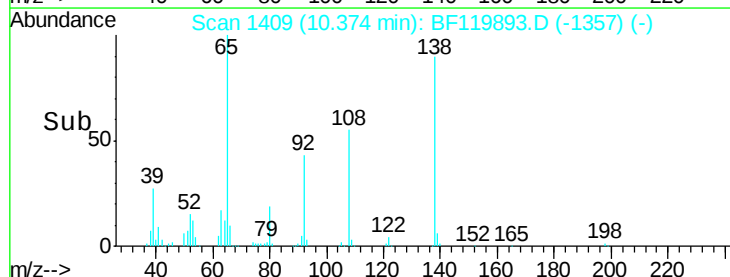
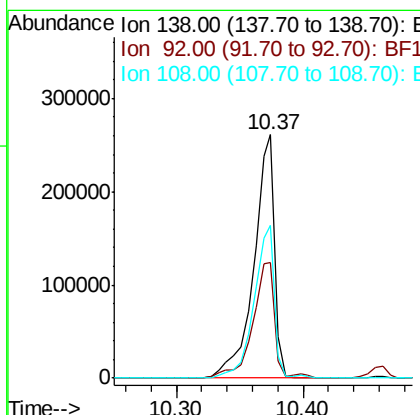
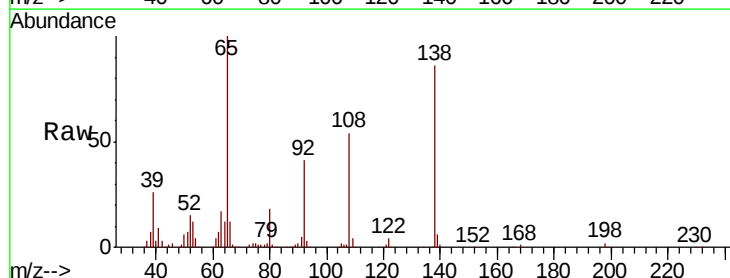
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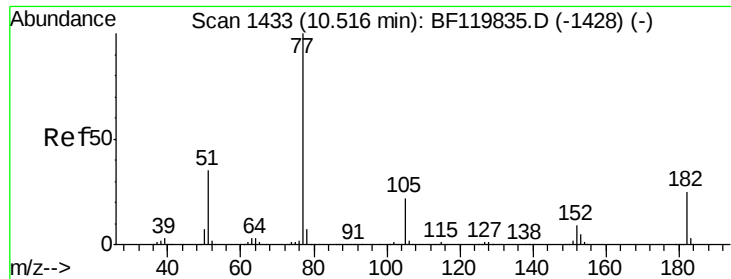
mohammad
4/14/2020 3:39:01 PM



#62
4-Nitroaniline
Concen: 41.517 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.6	71.6
108	62.7	45.2	85.2





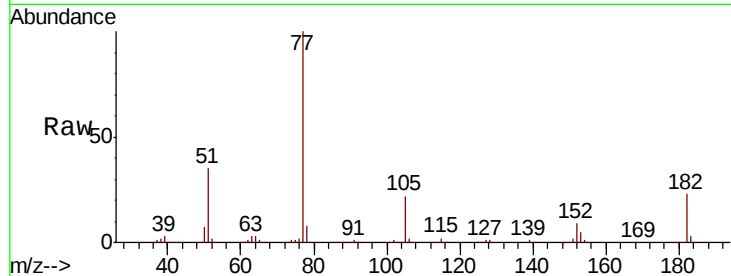
#63
Azobenzene
Concen: 41.643 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.1	4.5	44.5	
105	21.9	2.2	42.2	
51	34.6	15.1	55.1	

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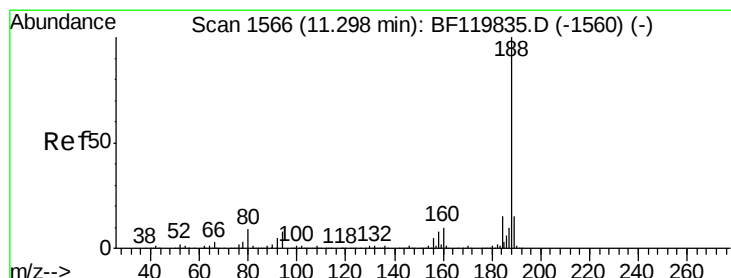
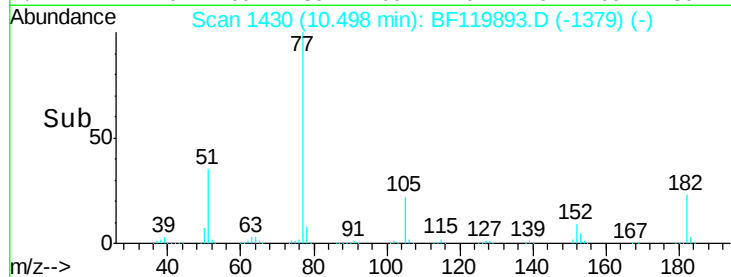
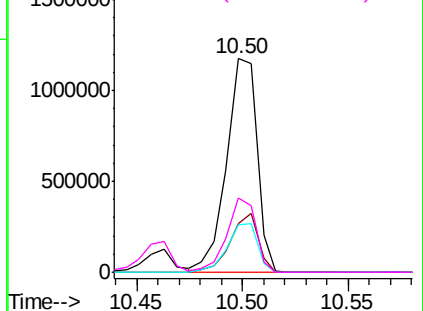
Abundance

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: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

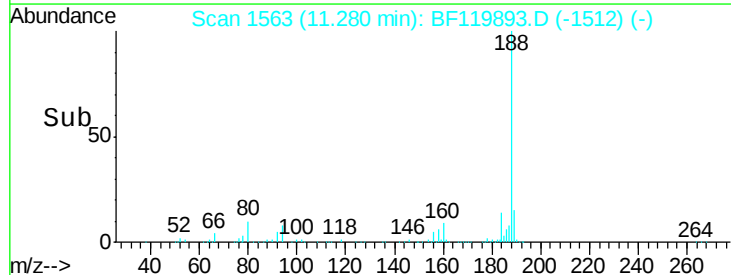
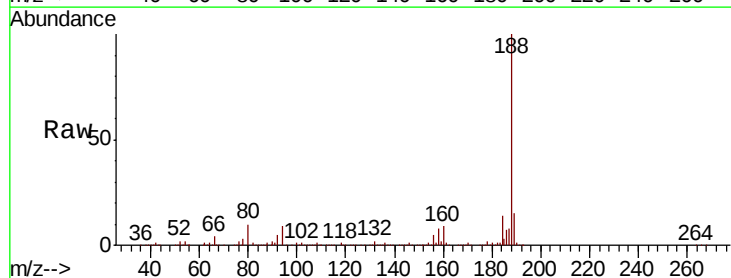
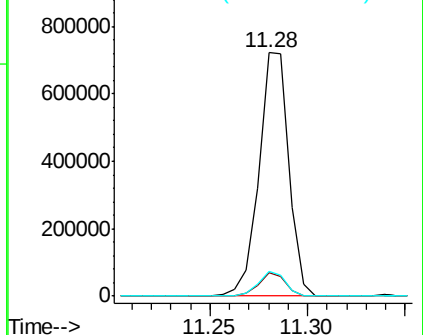
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	6.7	10.1	
80	10.2	7.4	11.2	

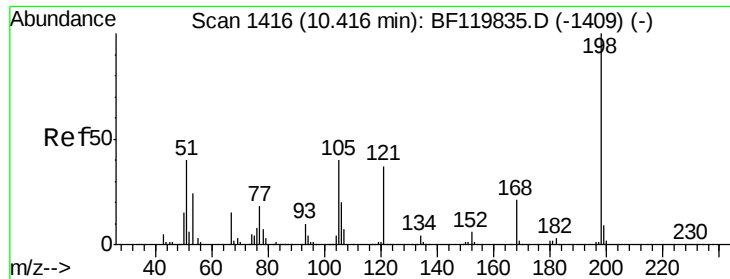
Abundance

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





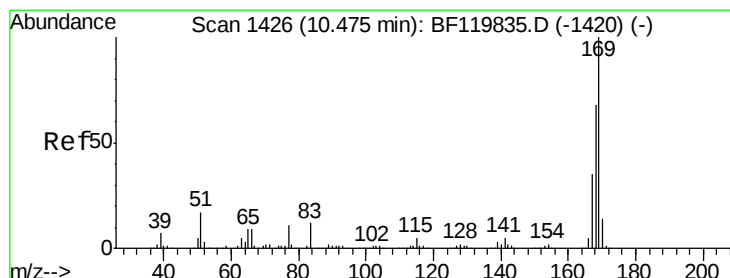
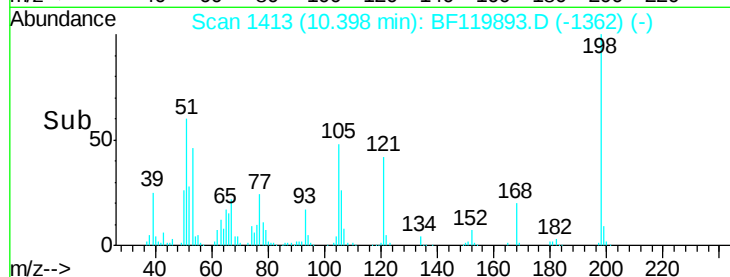
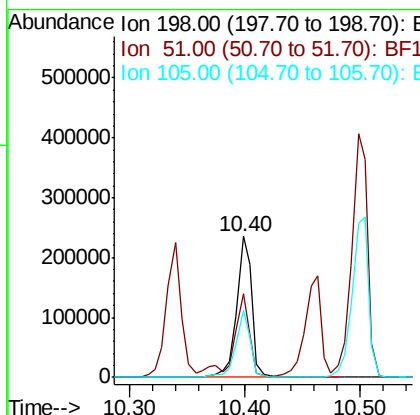
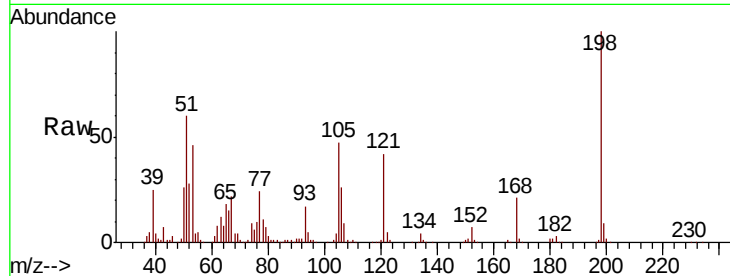
#65
4,6-Dinitro-2-methylphenol
Concen: 42.429 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	59.8	25.2	65.2
105	47.4	20.8	60.8

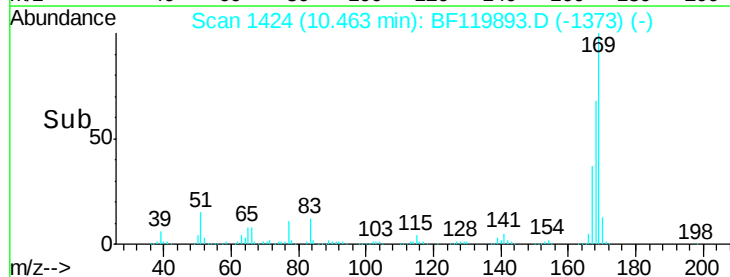
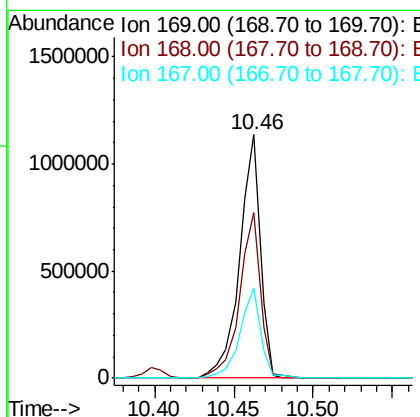
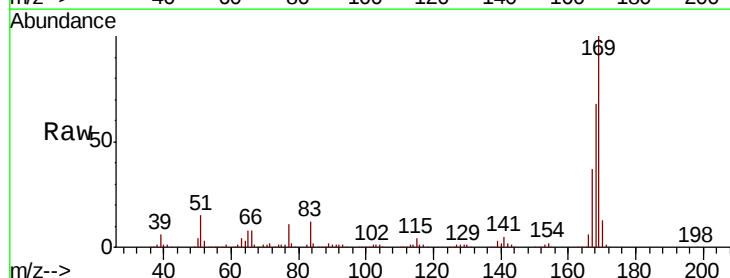
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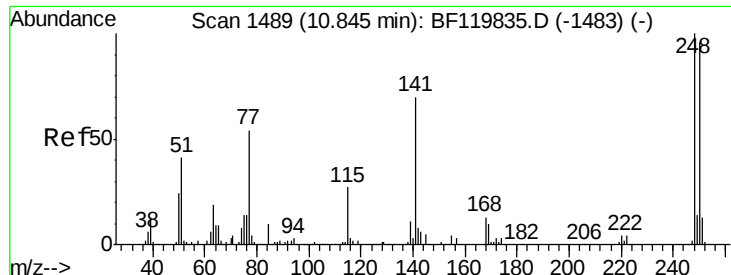
mohammad
4/14/2020 3:39:01 PM



#66
n-Nitrosodiphenylamine
Concen: 40.562 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.4
167	36.7	28.3	42.5





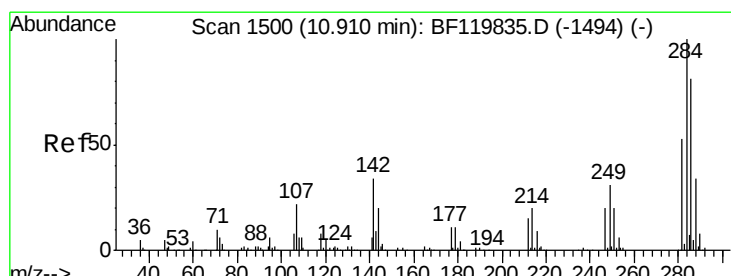
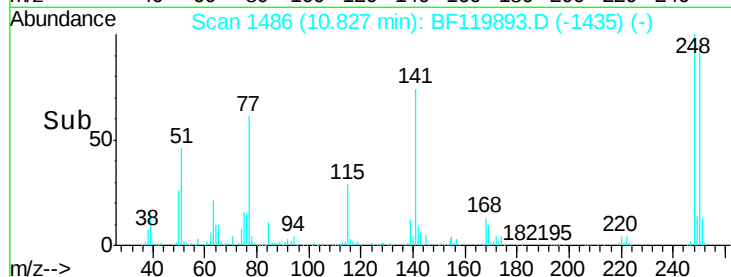
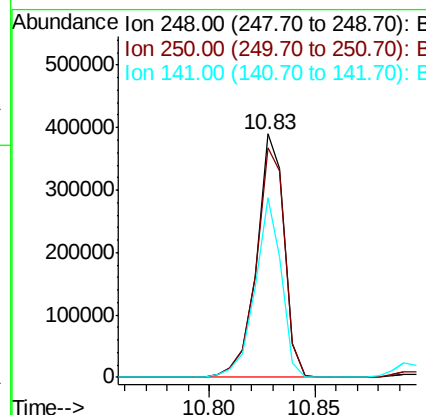
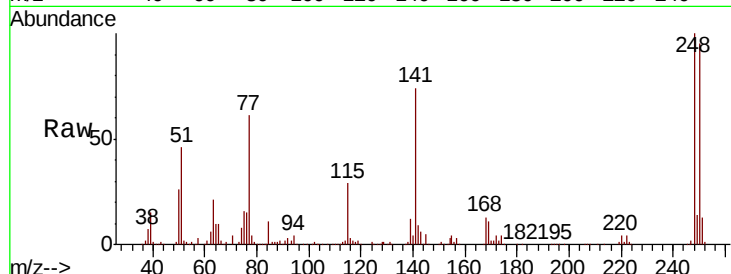
#67
 4-Bromophenyl-phenylether
 Concen: 37.340 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion:	248	Resp:	354945
Ion Ratio	Lower	Upper	
248	100		
250	94.5	76.6	114.8
141	73.5	55.9	83.9

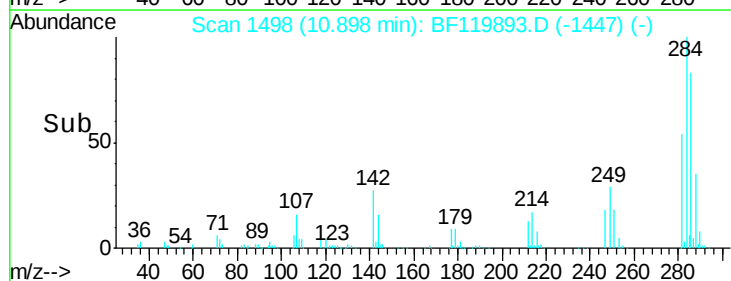
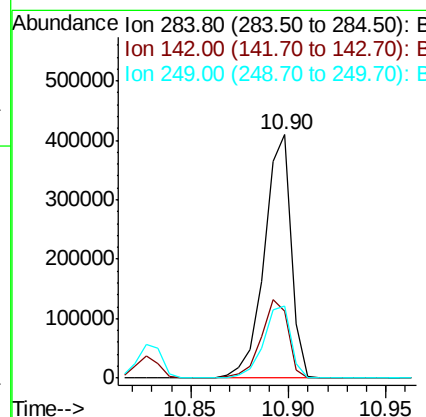
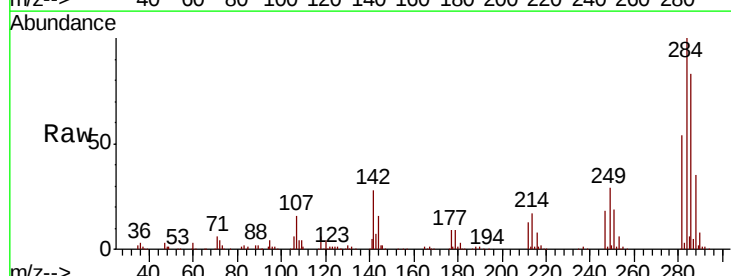
Manual Integrations
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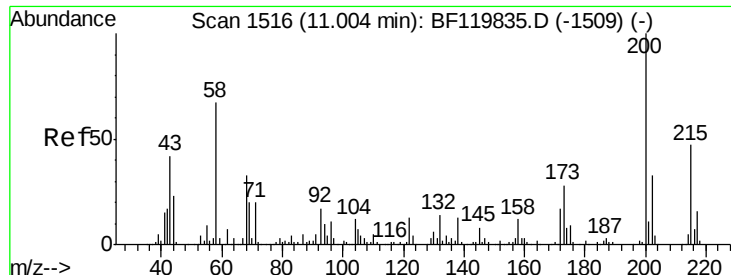
mohammad
 4/14/2020 3:39:01 PM



#68
 Hexachlorobenzene
 Concen: 40.289 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:	284	Resp:	388523
Ion Ratio	Lower	Upper	
284	100		
142	27.7	26.9	40.3
249	29.4	24.6	37.0





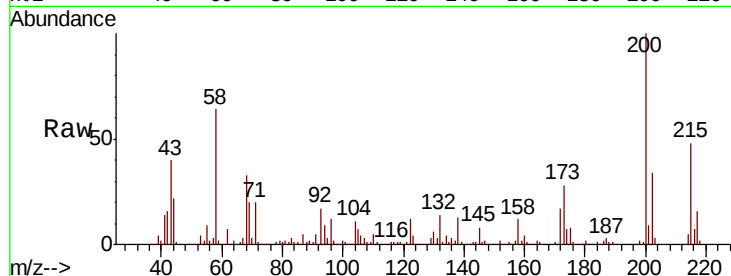
#69
Atrazine
Concen: 43.440 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	307252		
173	28.0	8.0	48.0	
215	48.0	27.1	67.1	

Manual Integrations
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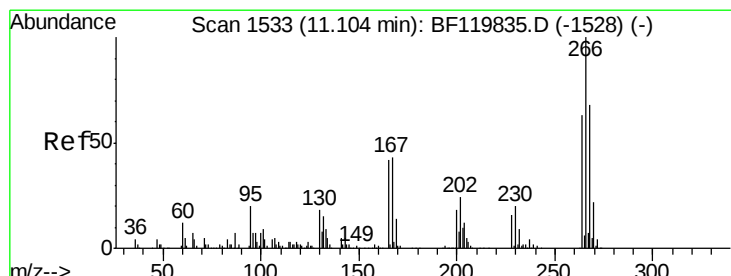
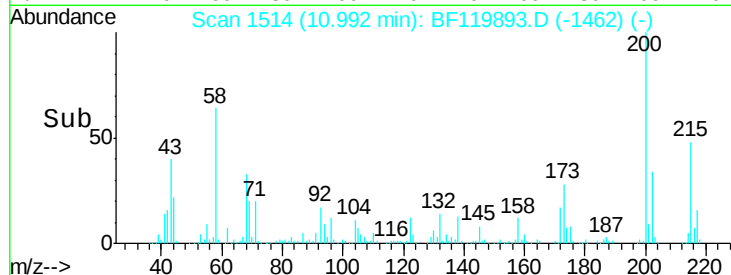
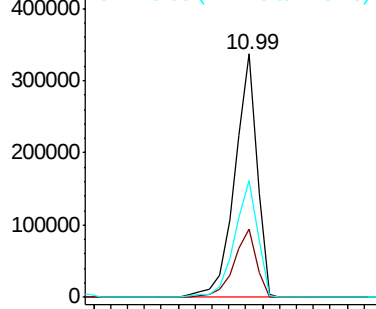


Abundance

Ion 200.00 (199.70 to 200.70): E

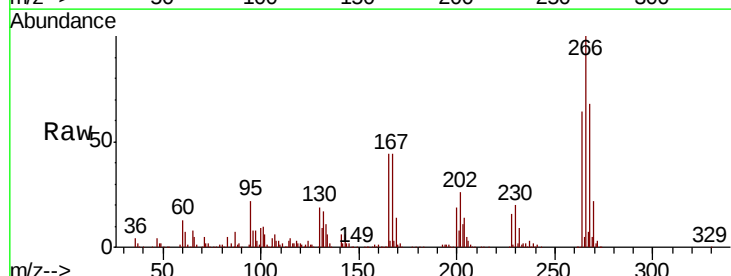
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.205 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	440160		
268	68.4	54.2	81.4	
264	63.6	50.6	76.0	

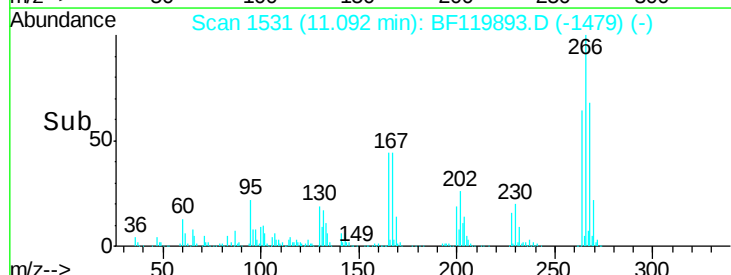
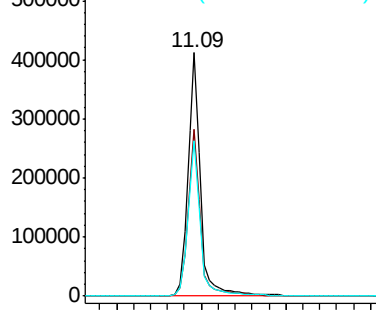


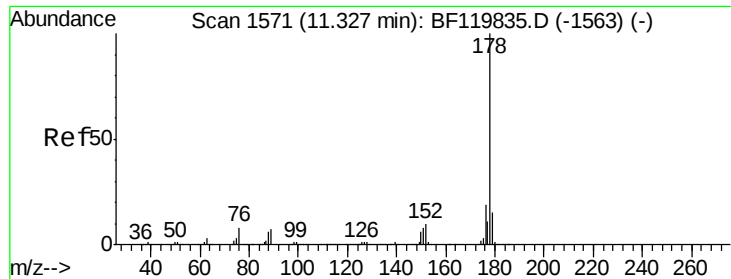
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





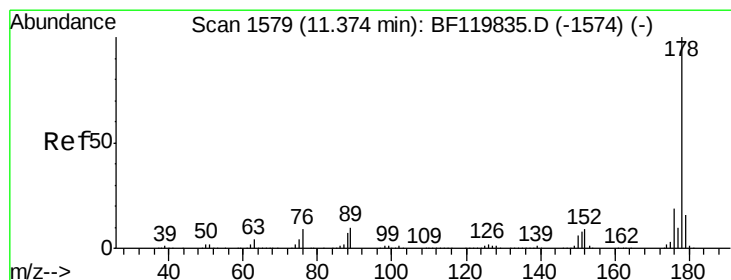
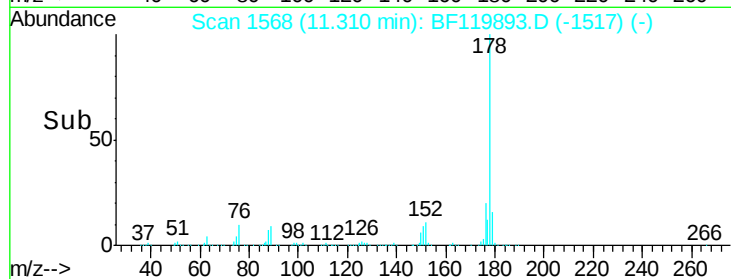
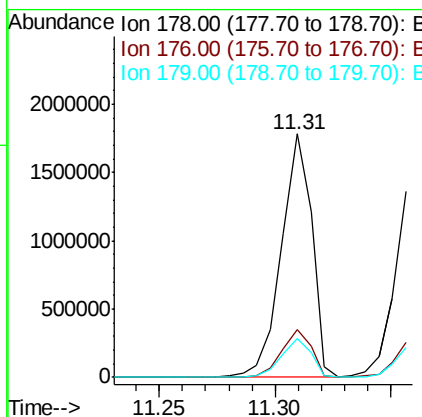
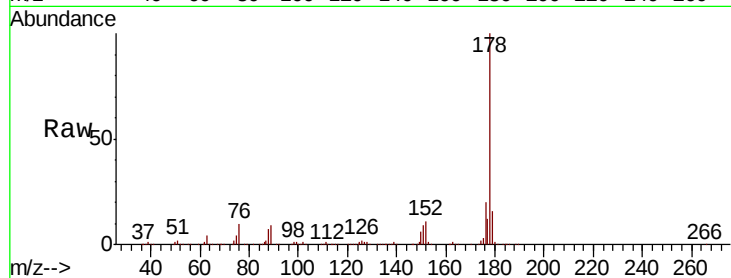
#71
Phenanthrene
Concen: 40.091 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion:178 Resp: 1630968
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.9 12.2 18.4

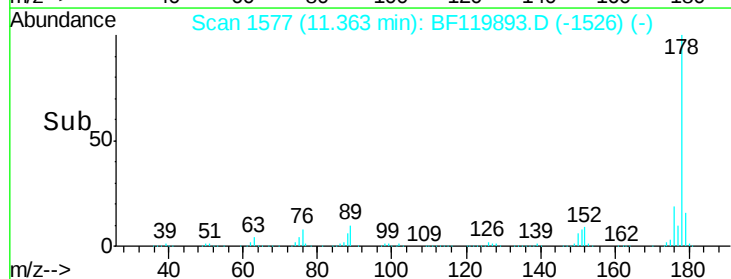
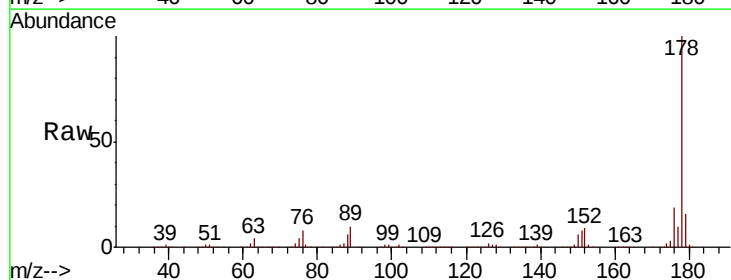
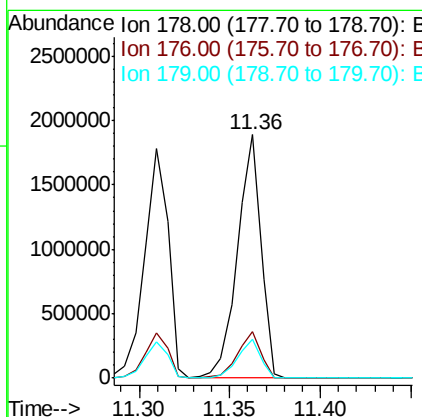
Manual Integrations
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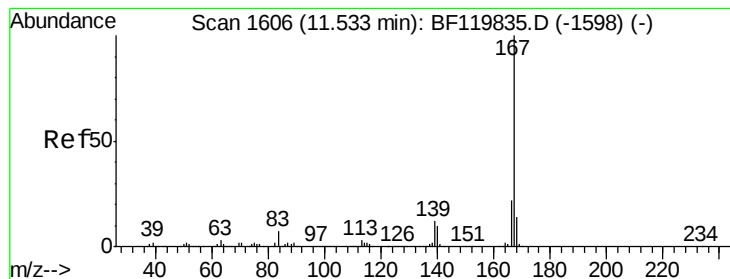
mohammad
4/14/2020 3:39:01 PM



#72
Anthracene
Concen: 41.106 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:178 Resp: 1708282
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.8 19.2





#73

Carbazole

Concen: 40.113 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion:167 Resp: 1576474

Ion Ratio Lower Upper

167 100

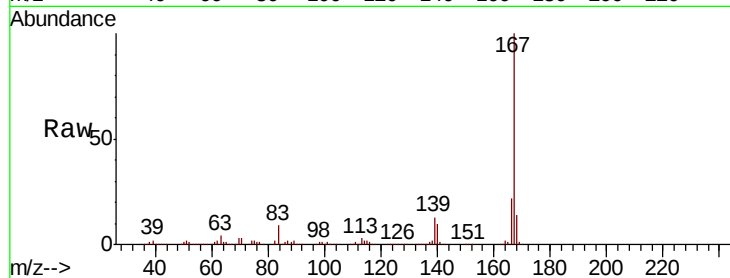
166 21.7 17.4 26.0

139 13.0 9.8 14.8

Manual Integrations
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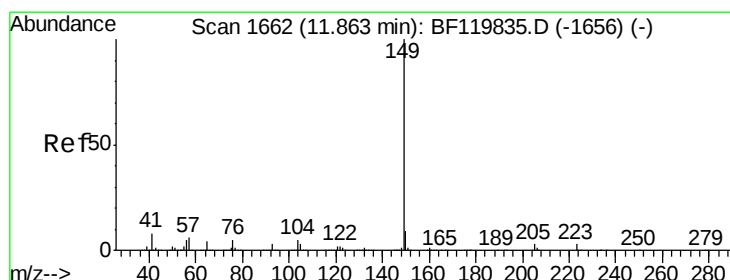
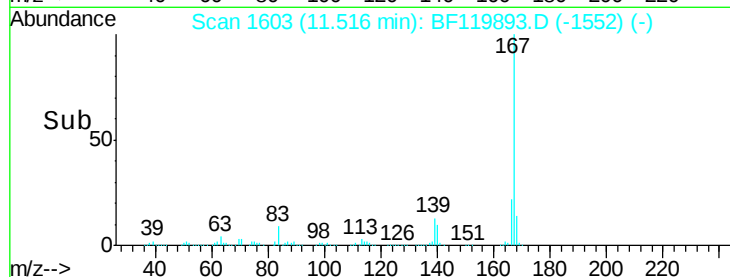
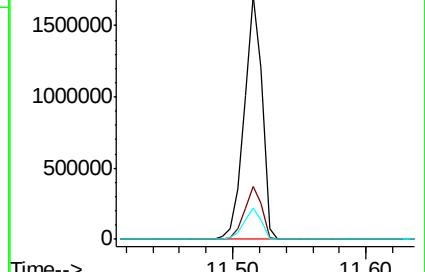
4/14/2020 3:39:01 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.400 ng

RT: 11.85 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

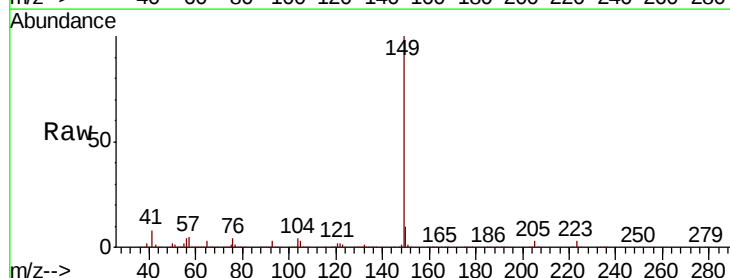
Tgt Ion:149 Resp: 1932258

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

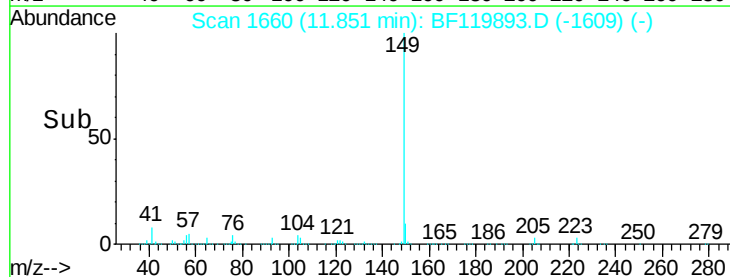
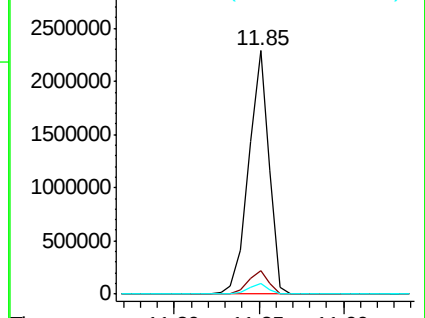
104 4.5 3.8 5.6

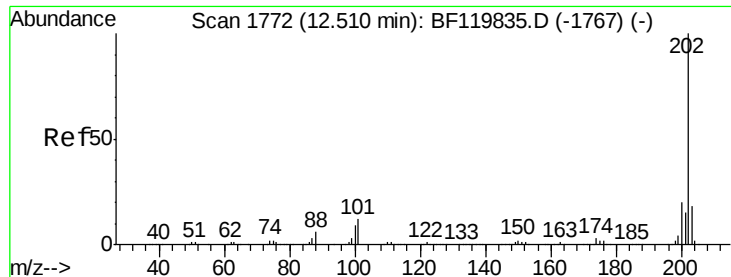


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.113 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

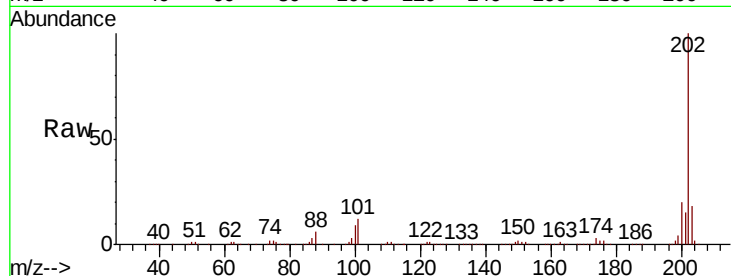
ClientSampleId :

PB128115BS

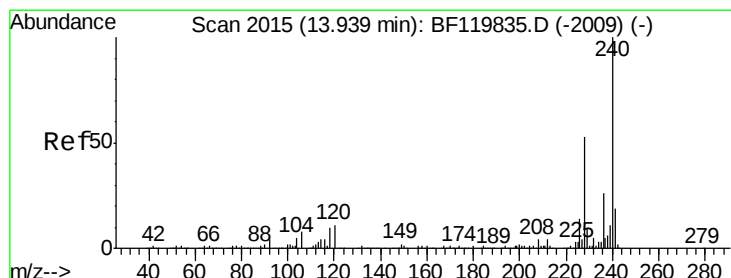
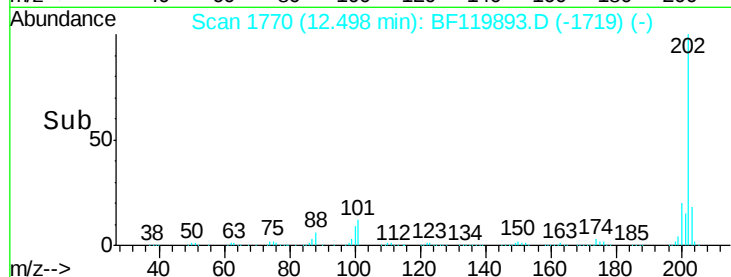
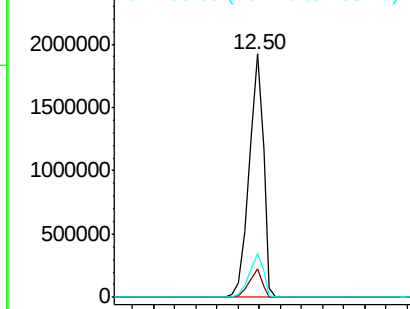
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1804613		
101	12.0	0.0	32.3		
203	18.1	0.0	37.6		

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



#76

Chrysene-d12

Concen: 20.000 ng

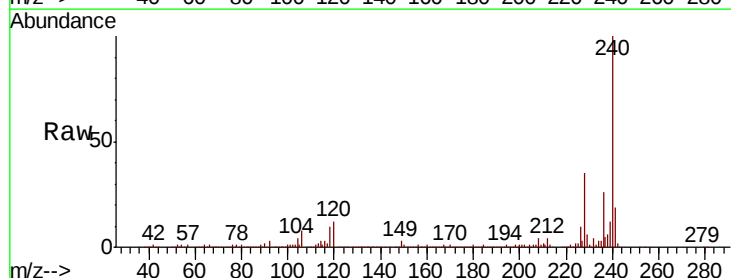
RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

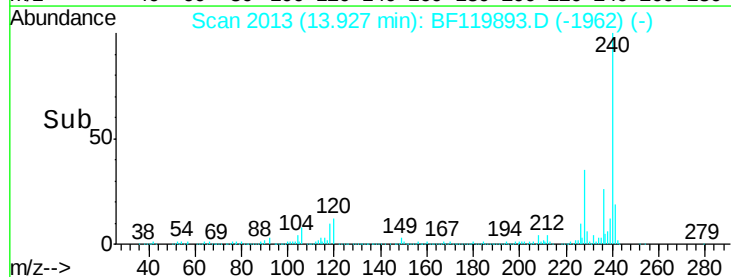
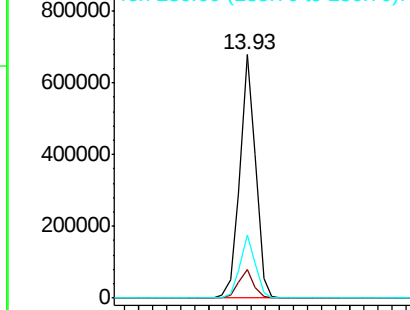
Lab File: BF119893.D

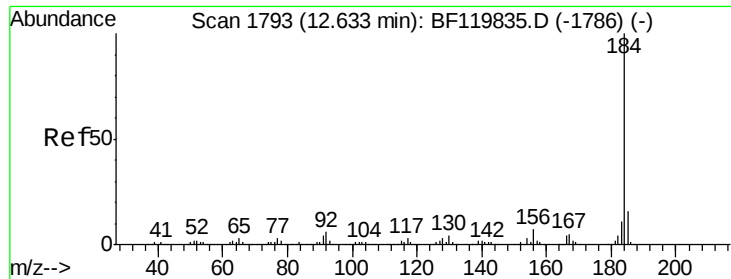
Acq: 10 Apr 2020 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		528996		
120	11.8	9.0	13.6		
236	26.0	20.7	31.1		



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





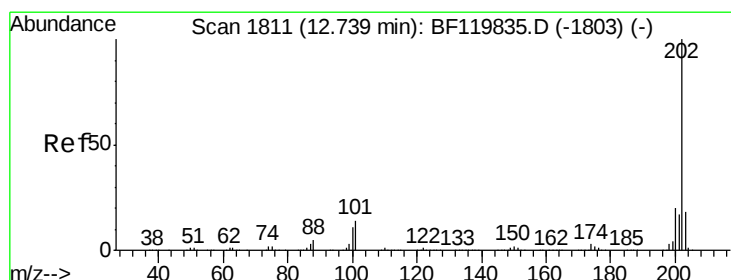
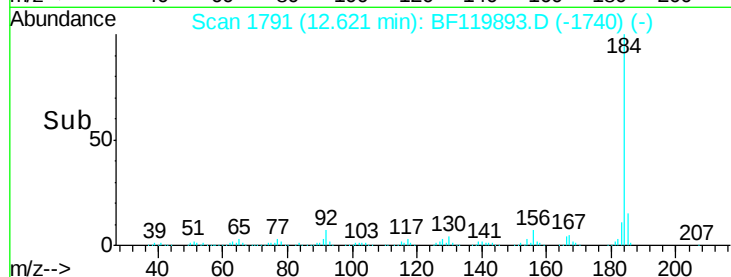
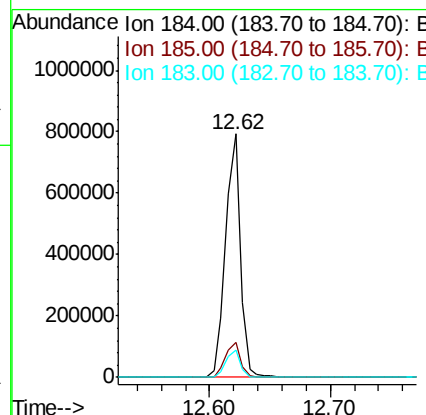
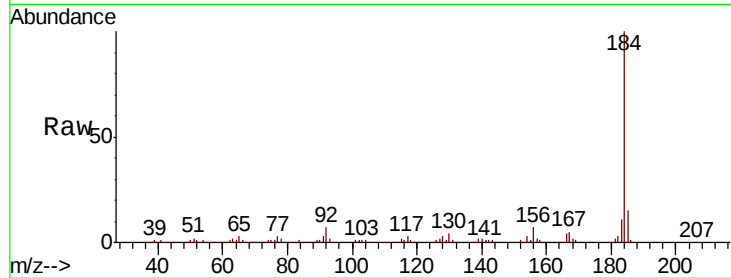
#77
Benzidine
Concen: 37.814 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.2	19.8
183	11.0	9.1	13.7

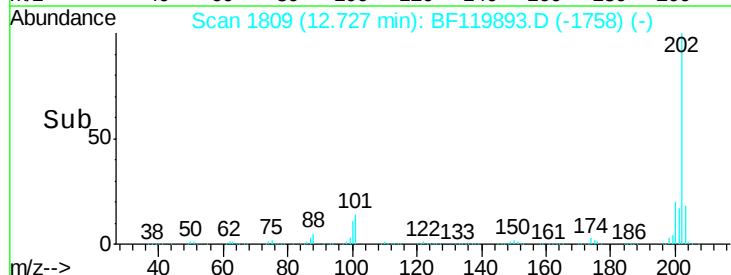
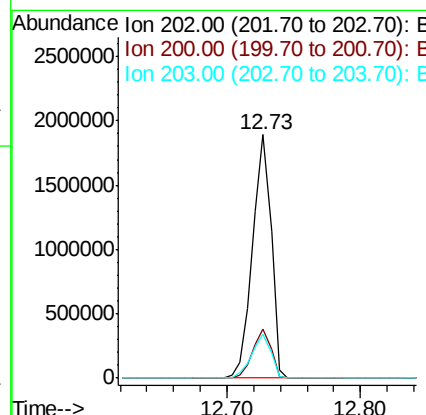
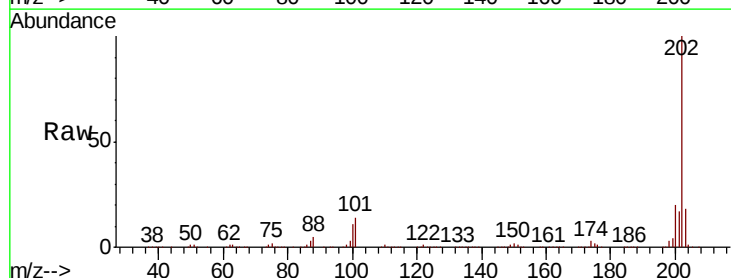
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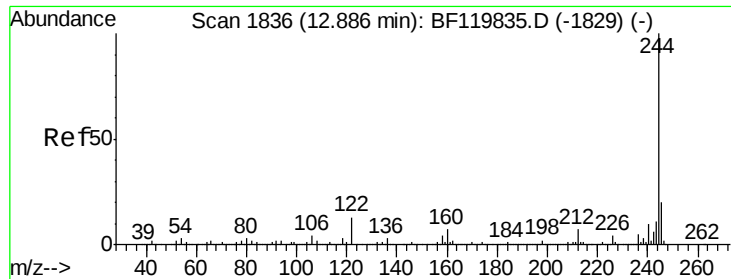
mohammad
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#78
Pyrene
Concen: 40.316 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.8	14.1	21.1





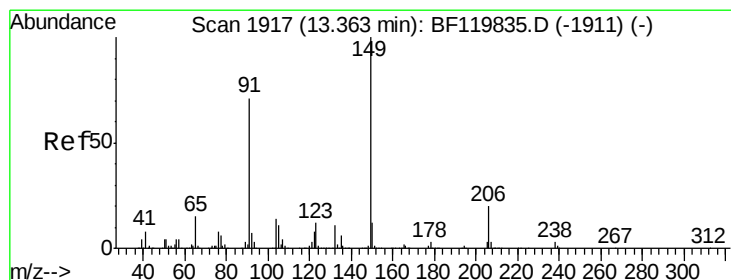
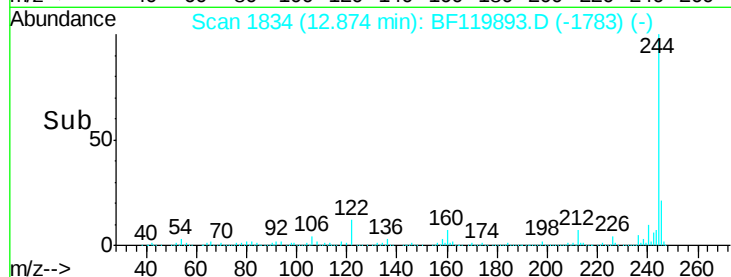
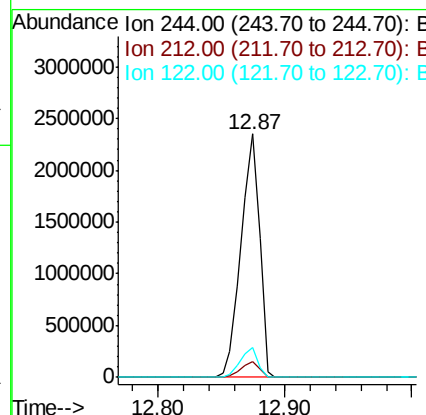
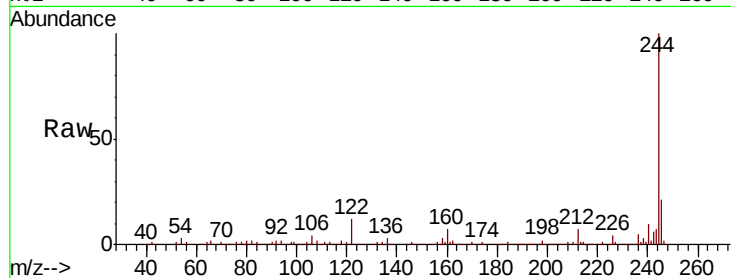
#79
 Terphenyl-d14
 Concen: 75.050 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.5	10.3	15.5

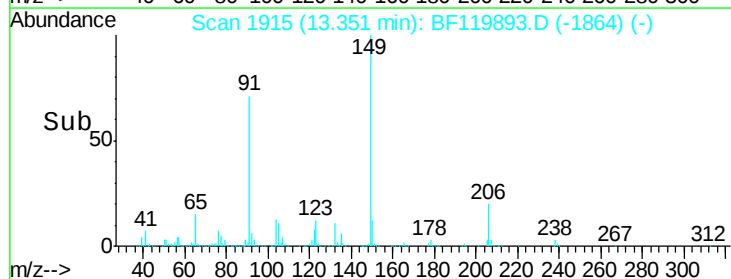
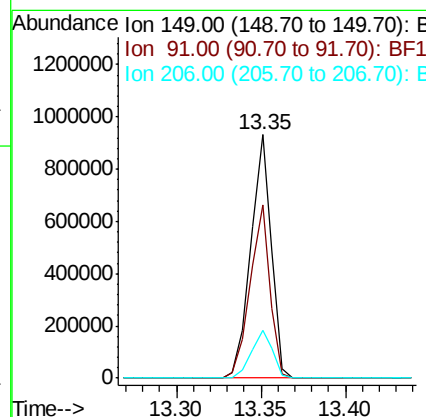
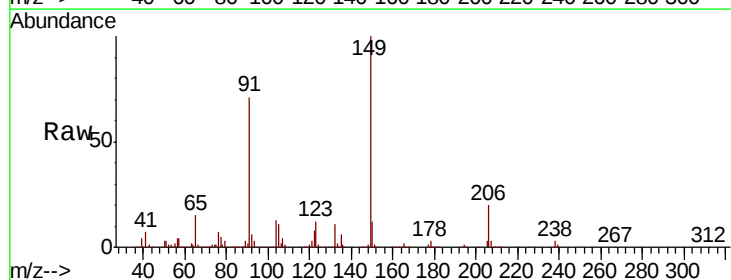
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#80
 Butylbenzylphthalate
 Concen: 36.596 ng
 RT: 13.35 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.7	85.1
206	19.9	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.754 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion:228 Resp: 1383480

Ion Ratio Lower Upper

228 100

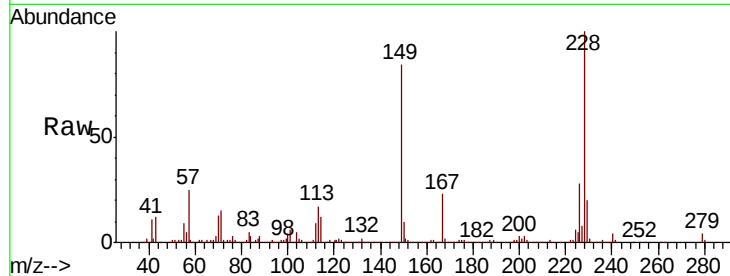
226 27.7 21.9 32.9

229 19.8 15.9 23.9

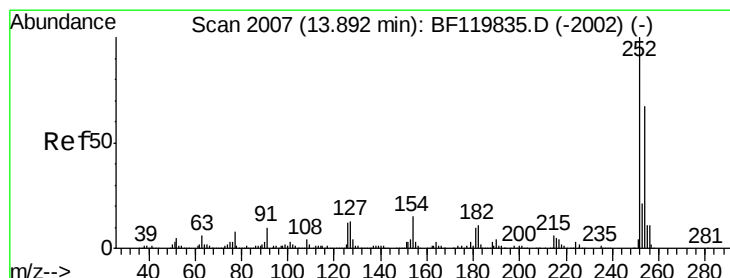
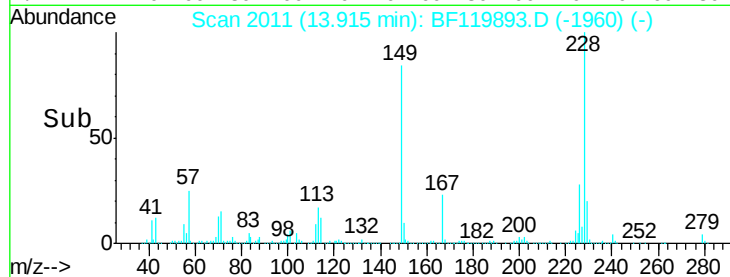
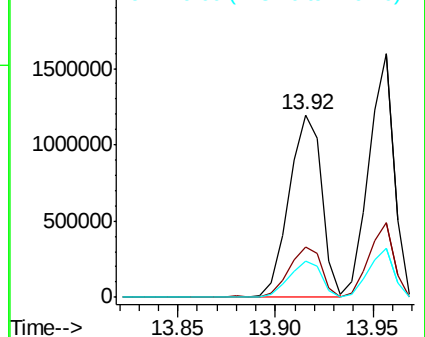
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.497 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

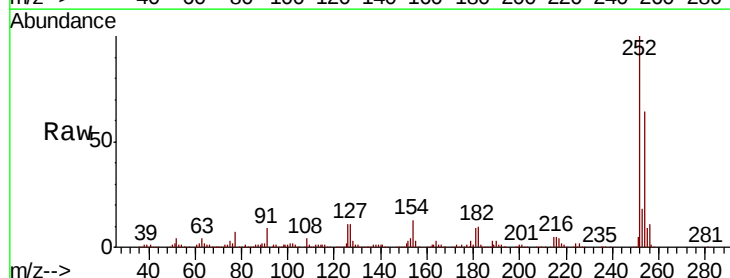
Tgt Ion:252 Resp: 421974

Ion Ratio Lower Upper

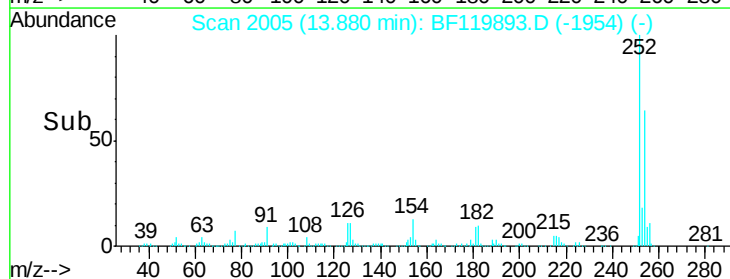
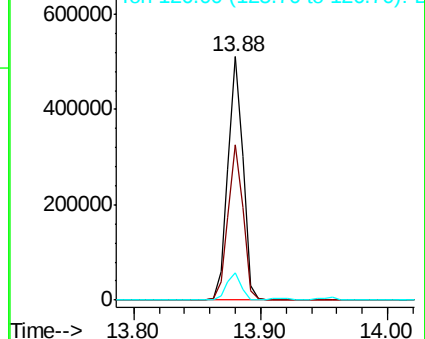
252 100

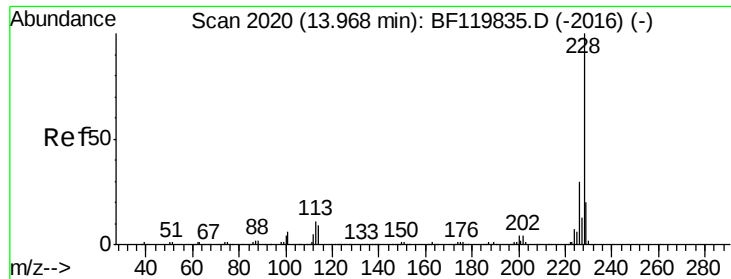
254 63.6 53.9 80.9

126 11.4 9.7 14.5



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





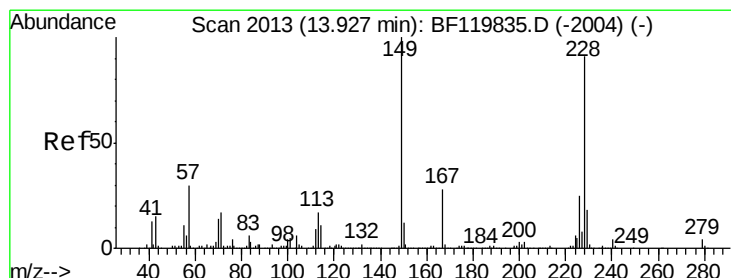
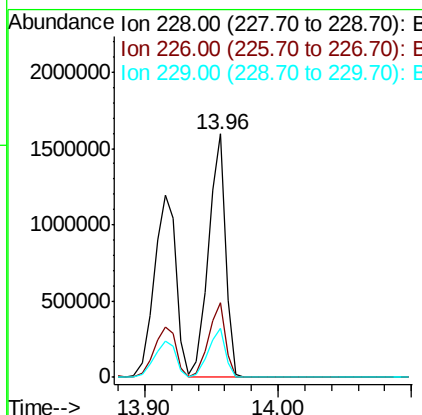
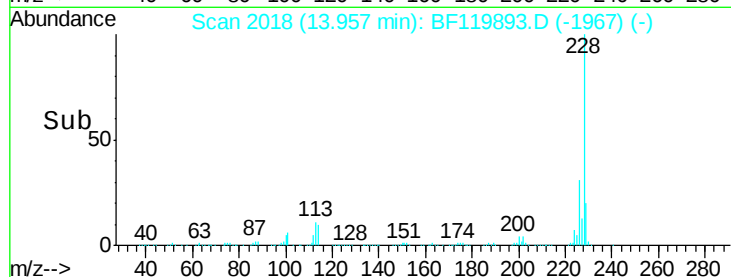
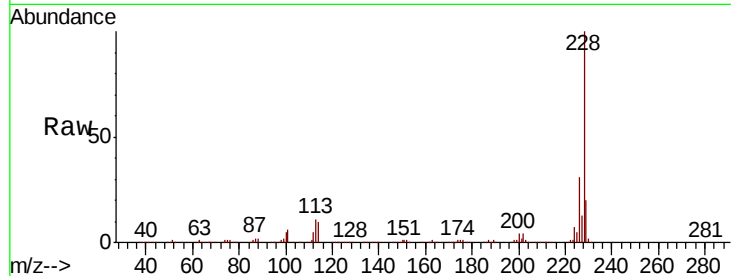
#83
 Chrvsene
 Concen: 40.214 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128115BS

Tot Ion:228 Resp: 1421980
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 20.2 15.9 23.9

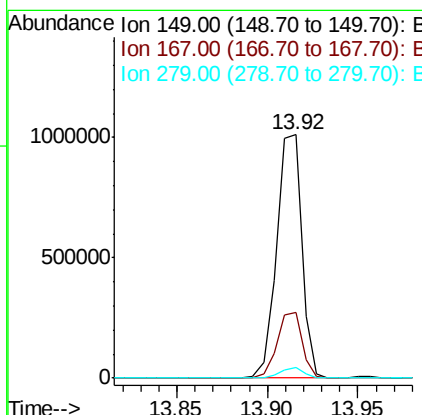
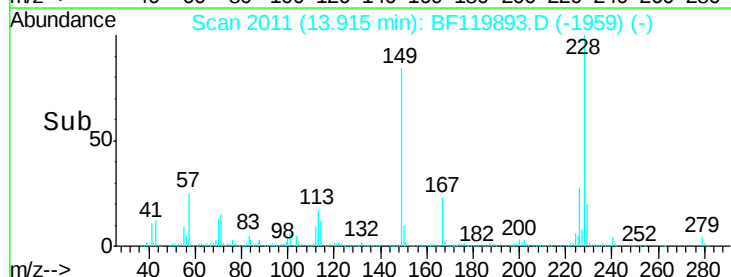
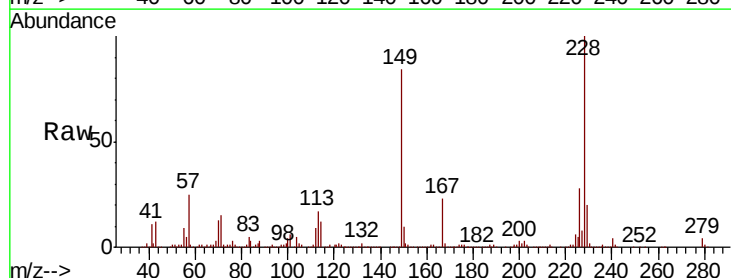
Manual Integrations
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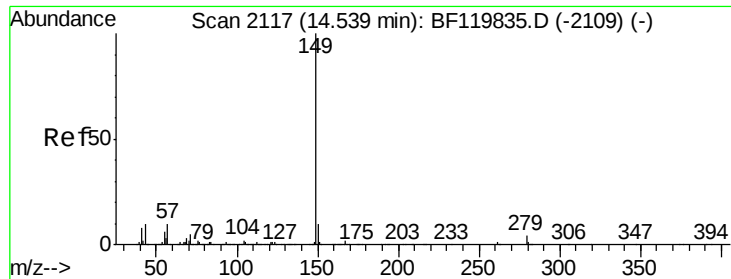
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.319 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119893.D
 Acq: 10 Apr 2020 14:37

Tgt Ion:149 Resp: 976379
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 33.926 ng

RT: 14.52 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB128115BS

Tot Ion:149 Resp: 1692735

Ion Ratio Lower Upper

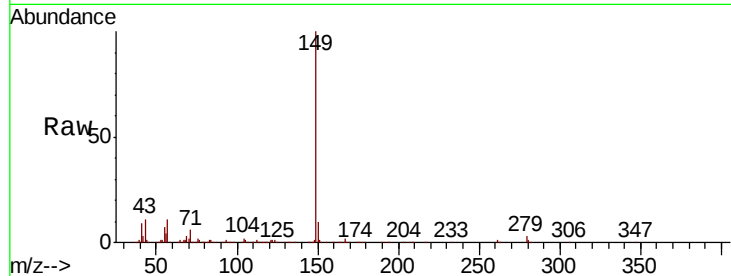
149 100

167 1.6 1.2 1.8

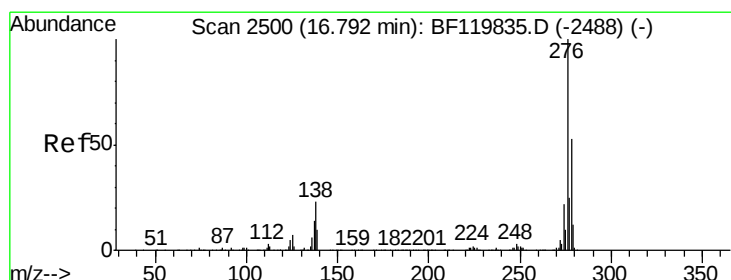
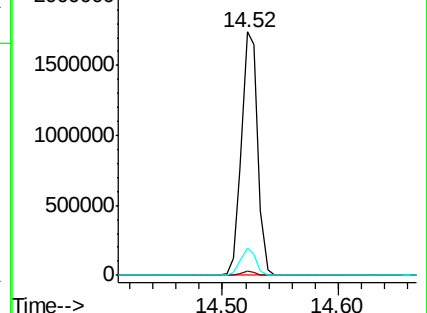
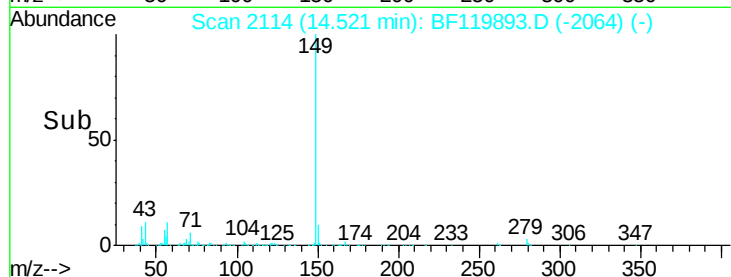
43 10.6 9.2 13.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.326 ng

RT: 16.77 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BF119893.D

Acq: 10 Apr 2020 14:37

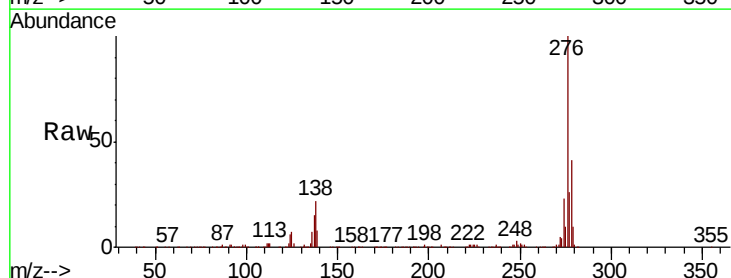
Tgt Ion:276 Resp: 1194620

Ion Ratio Lower Upper

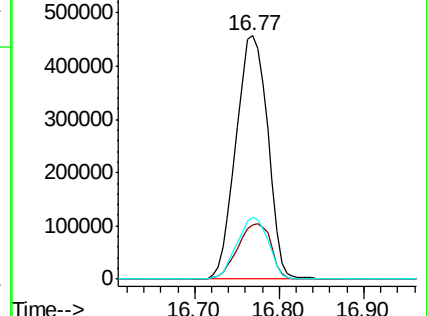
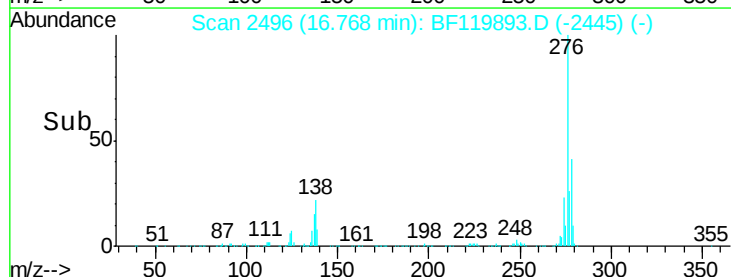
276 100

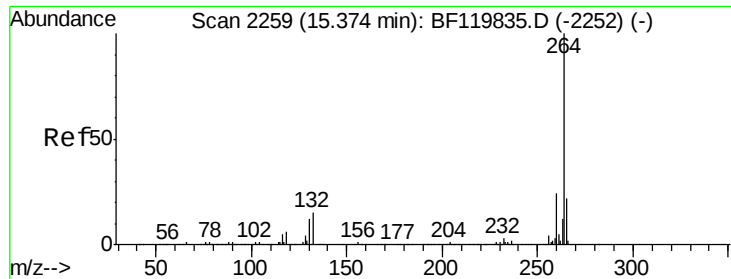
138 23.8 18.0 27.0

277 25.2 20.1 30.1



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





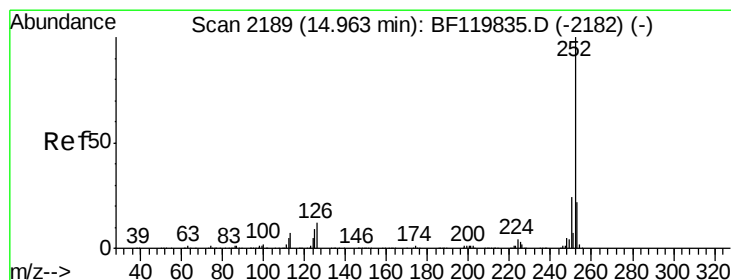
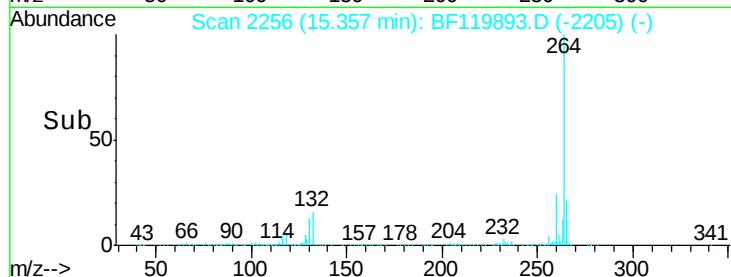
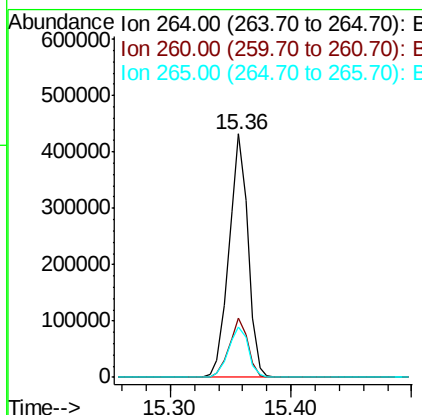
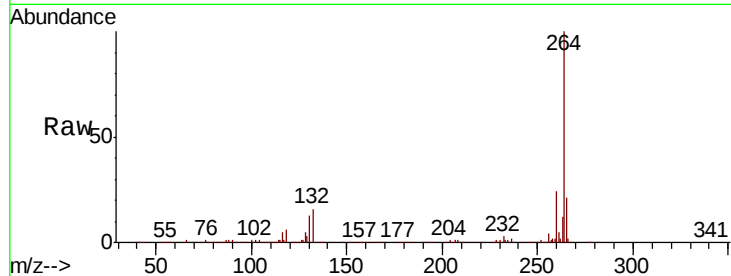
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	20.6	17.6	26.4

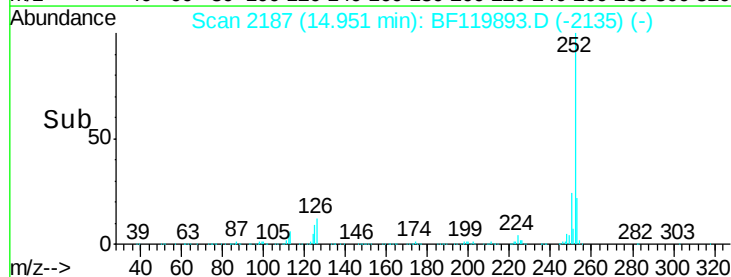
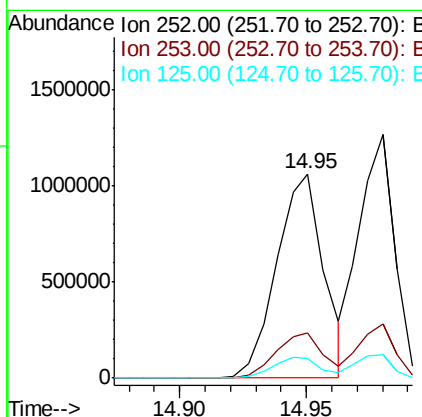
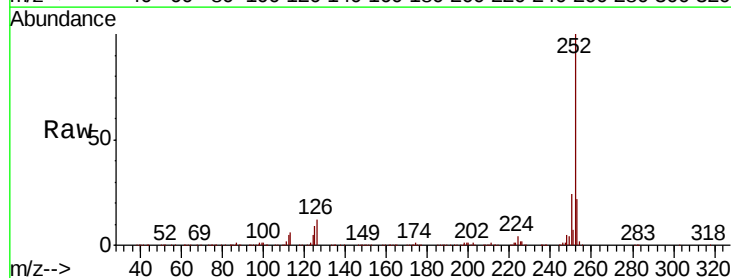
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 40.557 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.4	7.4	11.2





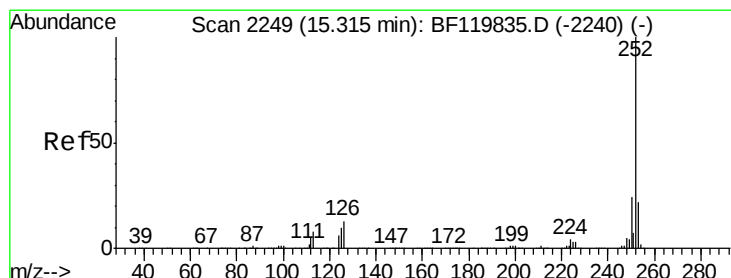
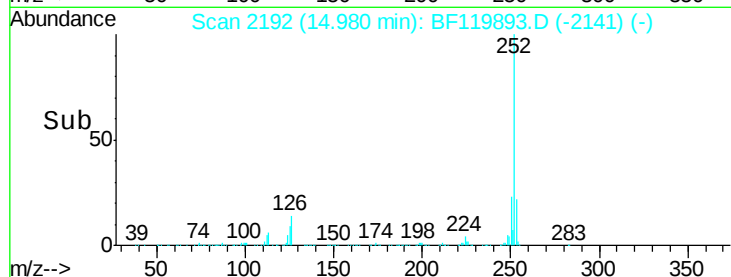
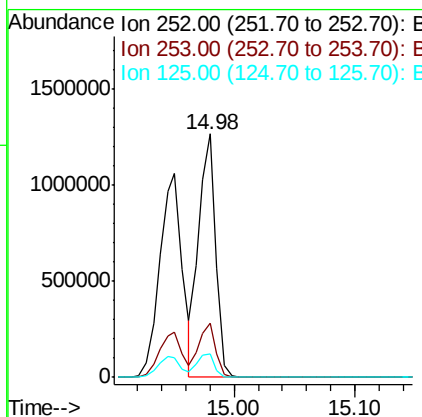
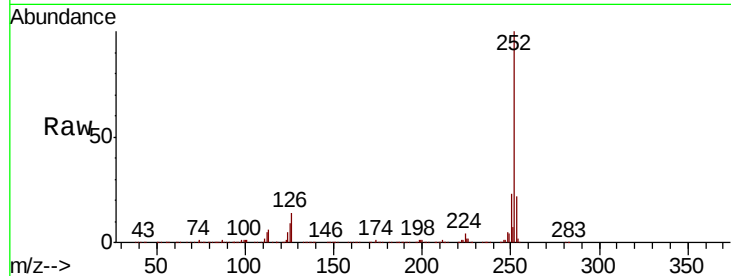
#89
Benzo(k)fluoranthene
Concen: 42.598 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion:252 Resp: 1248103
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 7.7 11.5

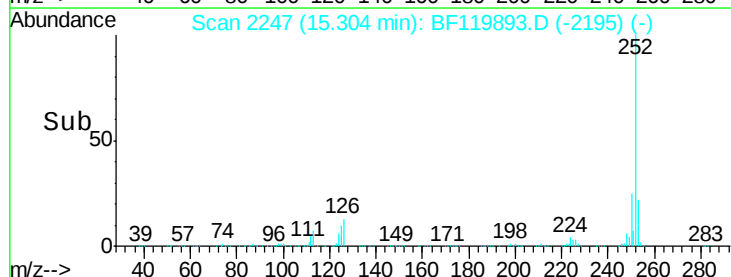
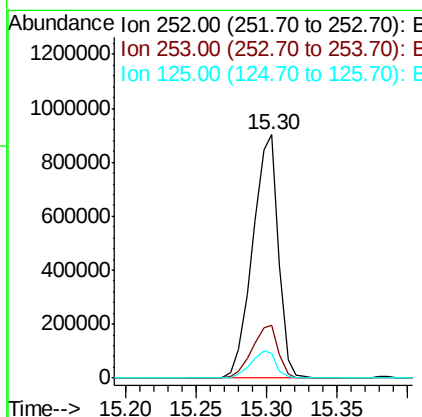
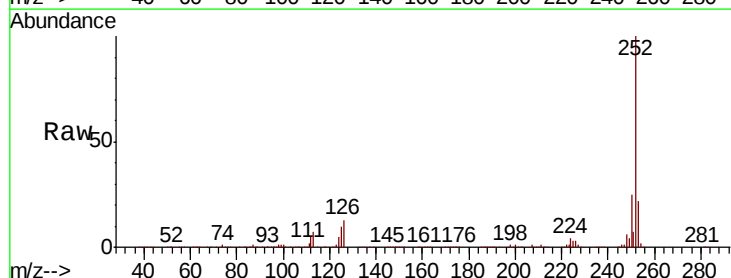
Manual Integrations
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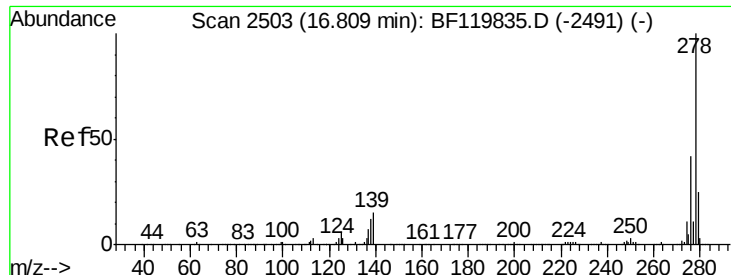
mohammad
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#90
Benzo(a)pyrene
Concen: 40.654 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion:252 Resp: 1160730
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.3 8.3 12.5





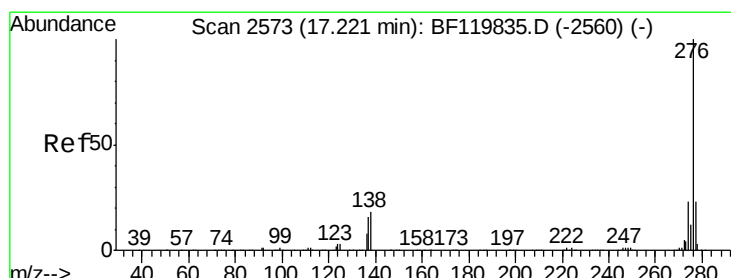
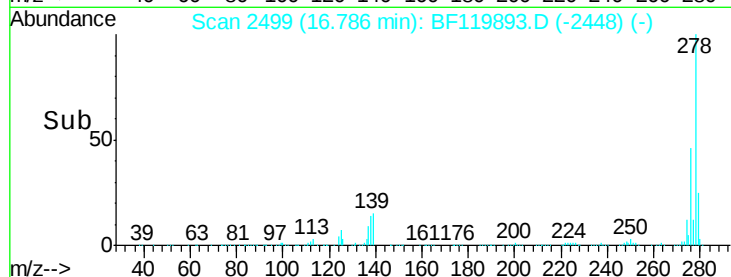
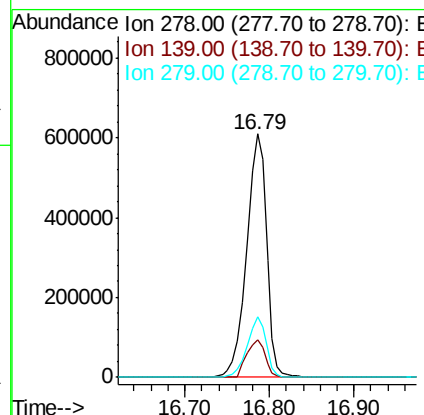
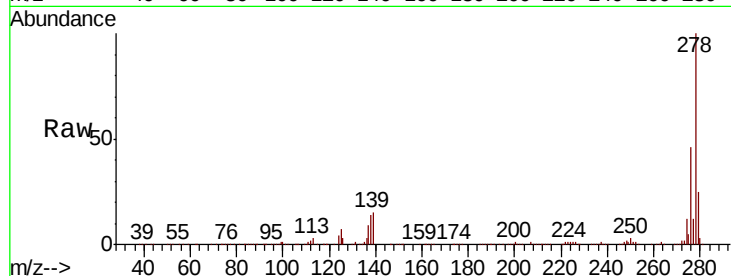
#91
Dibenzo(a,h)anthracene
Concen: 39.305 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB128115BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	24.8	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/14/2020 3:39:01 PM



#92
Benzo(g,h,i)perylene
Concen: 39.027 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF119893.D
Acq: 10 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	19.1	14.6	22.0

