

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119991.D
 Acq On : 15 Apr 2020 14:08
 Operator : MA/SJ
 Sample : L2115-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:47 PM

Quant Time: Apr 15 16:51:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	187807	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	730025	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	384923	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	738775	20.00	ng	0.00
76) Chrysene-d12	13.90	240	493036	20.00	ng	0.00
87) Perylene-d12	15.32	264	395056	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1539732	141.68	ng	0.02
7) Phenol-d6	6.37	99	1829582	130.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1331172	94.33	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	579021	122.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2484161	91.63	ng	0.00
79) Terphenyl-d14	12.85	244	2729319	93.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	241210	49.834	ng	# 80
3) Pyridine	3.25	79	422808	31.838	ng	94
4) n-Nitrosodimethylamine	3.18	42	337641	49.761	ng	93
6) Aniline	6.39	93	253626	13.800	ng	# 55
8) 2-Chlorophenol	6.52	128	699597	57.616	ng	99
9) Benzaldehyde	6.27	77	160038	15.557	ng	97
10) Phenol	6.39	94	732850	46.131	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	677020	55.194	ng	99
12) 1,3-Dichlorobenzene	6.67	146	698596	52.552	ng	99
13) 1,4-Dichlorobenzene	6.75	146	705275	52.083	ng	100
14) 1,2-Dichlorobenzene	6.90	146	661837	53.033	ng	97
15) Benzyl Alcohol	6.87	79	521686	47.966	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1145522	47.992	ng	94
17) 2-Methylphenol	6.99	107	558940	51.582	ng	98
18) Hexachloroethane	7.24	117	269825	53.317	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	488652	54.267	ng	95
20) 3+4-Methylphenols	7.15	107	654513	49.387	ng	94
22) Acetophenone	7.15	105	925479	54.138	ng	# 99
24) Nitrobenzene	7.32	77	729532	51.392	ng	100
25) Isophorone	7.56	82	1366735	50.243	ng	100
26) 2-Nitrophenol	7.63	139	377629	53.247	ng	93
27) 2,4-Dimethylphenol	7.67	122	583175	54.522	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	854912	53.409	ng	99
29) 2,4-Dichlorophenol	7.87	162	575066	52.452	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	626472	50.429	ng	100
31) Naphthalene	8.03	128	1964328	51.143	ng	99
32) Benzoic acid	7.82	122	459547	48.920	ng	95
33) 4-Chloroaniline	8.09	127	94981	5.680	ng	97
34) Hexachlorobutadiene	8.16	225	354199	47.630	ng	97
35) Caprolactam	8.47	113	143857m	42.894	ng	
36) 4-Chloro-3-methylphenol	8.58	107	629607	53.042	ng	96
37) 2-Methylnaphthalene	8.73	142	1345230	51.660	ng	99
38) 1-Methylnaphthalene	8.83	142	1266117	51.586	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	577578	47.508	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	713271	103.175	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	426718	50.828	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	457128	48.345	nq	96
46) 1,1'-Biphenyl	9.20	154	1607831	49.487	nq	98
47) 2-Chloronaphthalene	9.22	162	1266131	50.588	nq	99
48) 2-Nitroaniline	9.32	65	443758	48.926	nq	97
49) Acenaphthylene	9.63	152	1961038	51.520	nq	99
50) Dimethylphthalate	9.50	163	1507432	50.630	nq	100
51) 2,6-Dinitrotoluene	9.56	165	332659	51.023	nq	96
52) Acenaphthene	9.80	154	1186176	46.717	nq	98
53) 3-Nitroaniline	9.73	138	94313	12.666	nq	96
54) 2,4-Dinitrophenol	9.85	184	437530	112.089	nq	93
55) Dibenzofuran	9.98	168	1742711	50.017	nq	99
56) 4-Nitrophenol	9.90	139	476844	86.067	nq	97
57) 2,4-Dinitrotoluene	9.97	165	439086	51.116	nq	93
58) Fluorene	10.32	166	1347455	48.356	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	386148	53.396	nq	97
60) Diethylphthalate	10.20	149	1523808	49.381	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	655152	45.873	nq	98
62) 4-Nitroaniline	10.35	138	291690	41.104	nq	99
63) Azobenzene	10.47	77	1435823	51.920	nq	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	267566	54.974	nq	99
66) n-Nitrosodiphenylamine	10.44	169	1092194	44.453	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	420244	45.741	nq	97
68) Hexachlorobenzene	10.87	284	449539	48.232	nq	99
69) Atrazine	10.97	200	256217	37.480	nq	95
70) Pentachlorophenol	11.07	266	506153	94.237	nq	100
71) Phenanthrene	11.29	178	1972939	50.178	nq	99
72) Anthracene	11.33	178	2040854	50.810	nq	100
73) Carbazole	11.49	167	1640544	43.191	nq	99
74) Di-n-butylphthalate	11.83	149	2401405	48.092	nq	100
75) Fluoranthene	12.47	202	2150348	50.687	nq	97
77) Benzidine	12.59	184	33382	2.003	nq	97
78) Pyrene	12.70	202	2135053	51.368	nq	99
80) Butylbenzylphthalate	13.33	149	1010637	50.110	nq	95
81) Benzo(a)anthracene	13.89	228	1602822	49.416	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	108062	8.929	nq	98
83) Chrysene	13.93	228	1730892	52.520	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1283493	46.994	nq	# 98
85) Di-n-octyl phthalate	14.50	149	2261826	48.638	nq	98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1363059	46.919	nq	97
88) Benzo(b)fluoranthene	14.92	252	1515736	53.335	nq	98
89) Benzo(k)fluoranthene	14.94	252	1450958m	59.173	nq	
90) Benzo(a)pyrene	15.26	252	1288837	53.938	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	1142508	53.979	nq	97
92) Benzo(g,h,i)perylene	17.13	276	1099610	52.631	nq	# 94

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

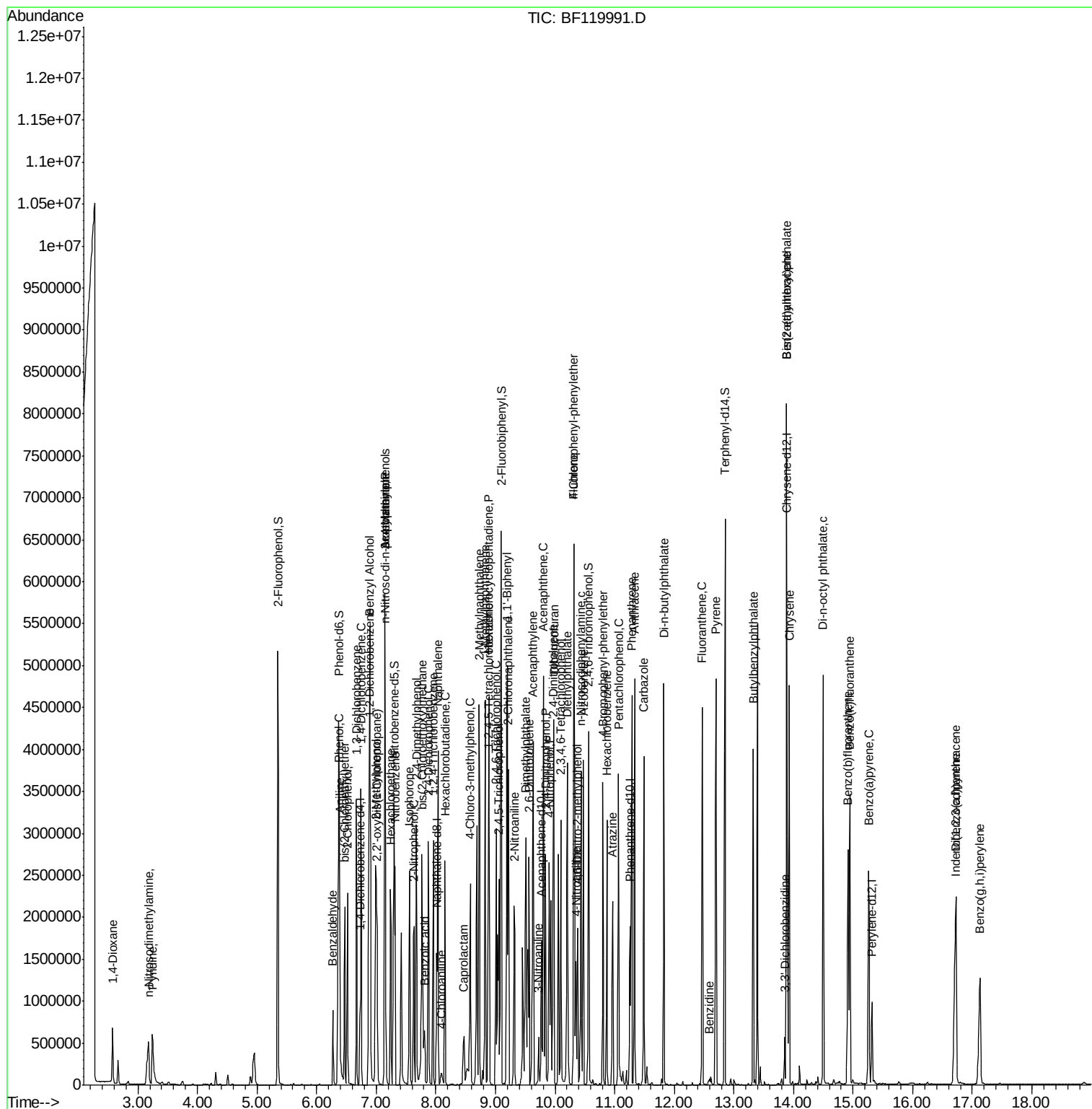
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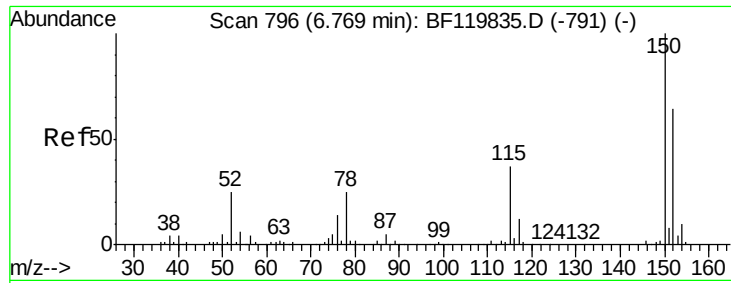
Instrument :
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 ClientSampleId :
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#1

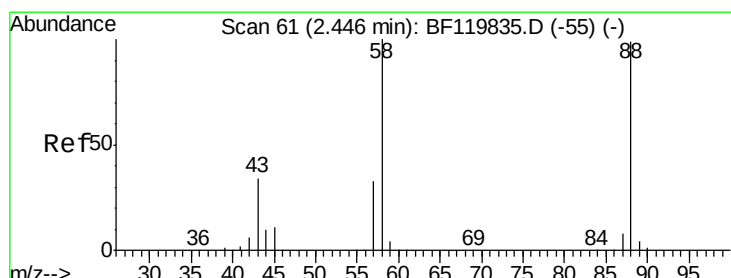
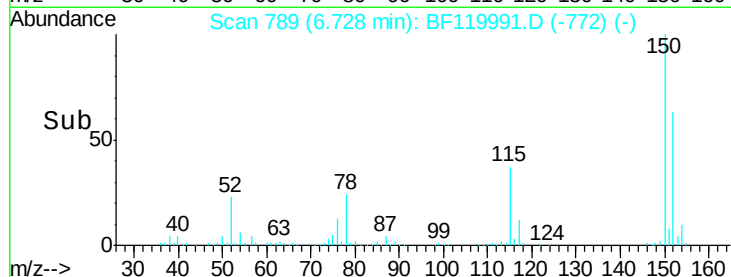
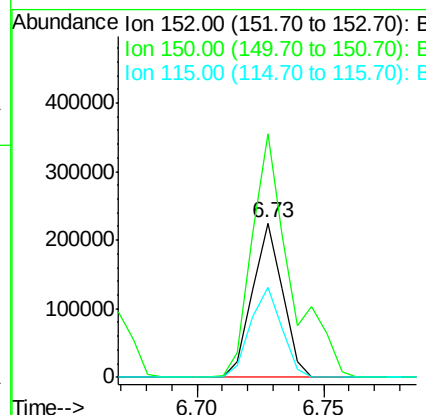
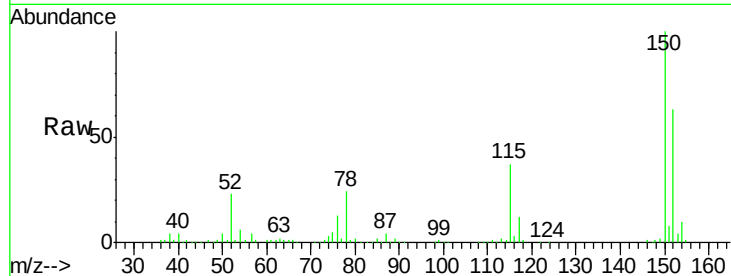
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.8	187.2
115	58.4	46.5	69.7

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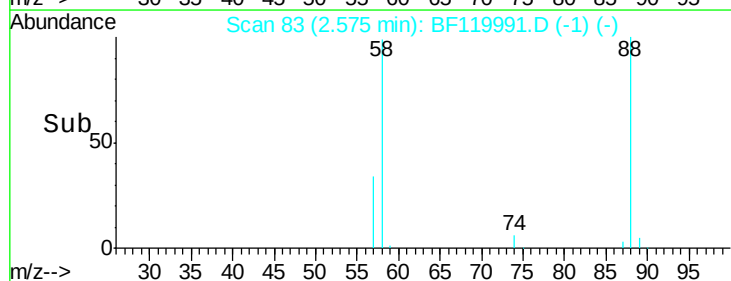
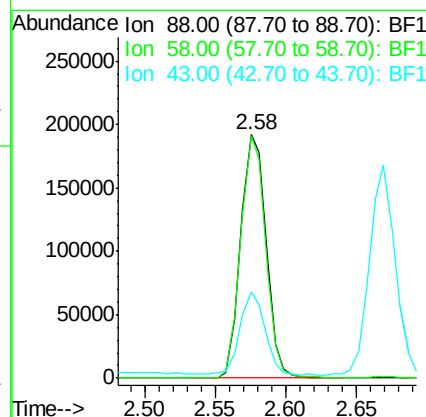
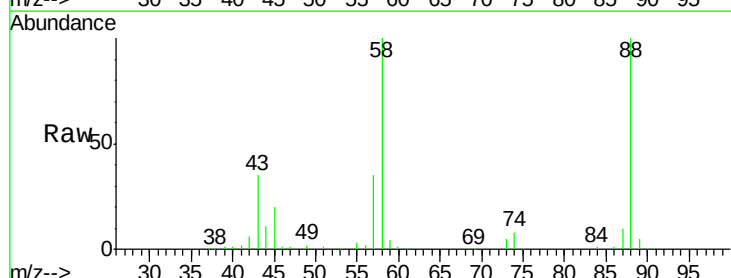
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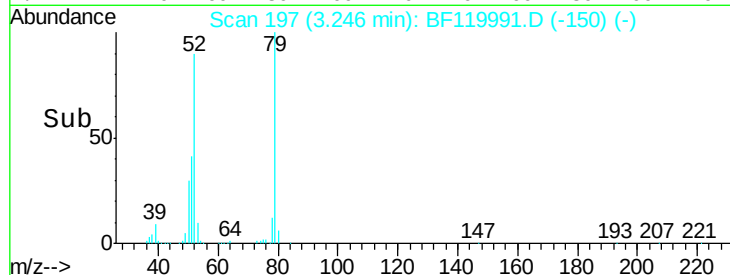
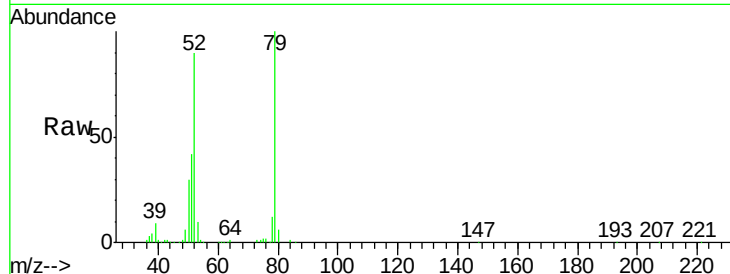
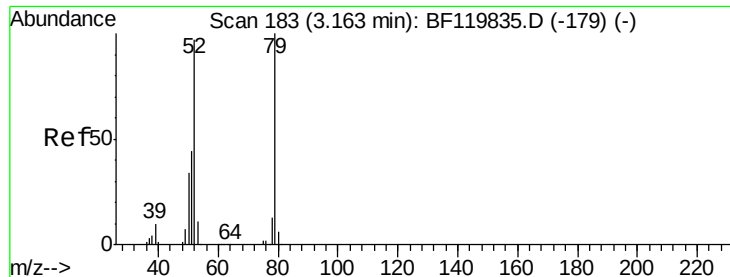


#2

1,4-Dioxane
Concen: 49.834 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.20 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	82.6	123.8
43	0.0	28.6	42.8#





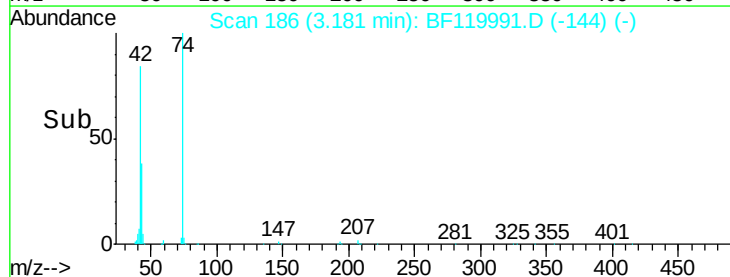
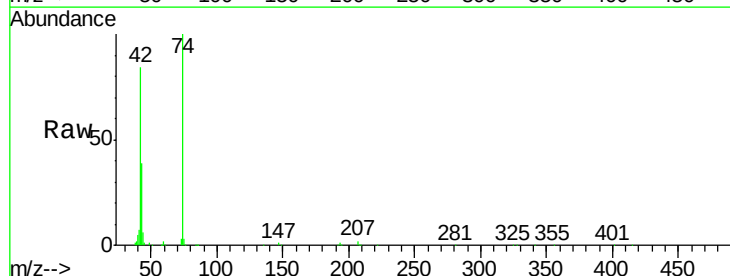
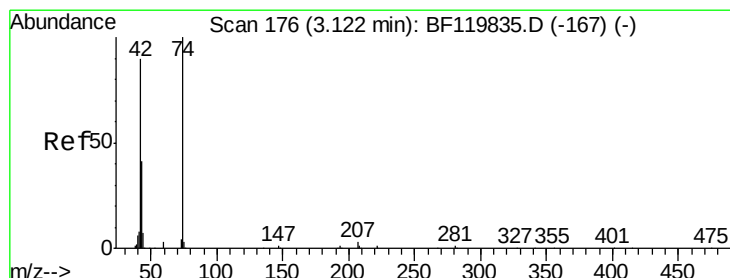
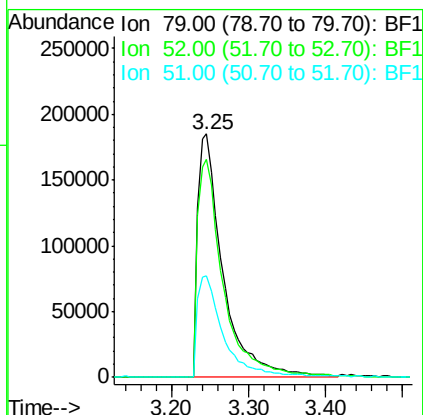
#3
Pvridine
Concen: 31.838 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.18 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tot Ion:	79	Resp:	422808
Ion Ratio	Lower	Upper	
79	100		
52	89.8	77.4	116.0
51	41.6	35.3	52.9

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

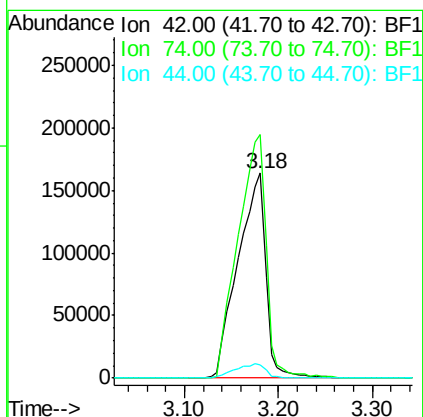
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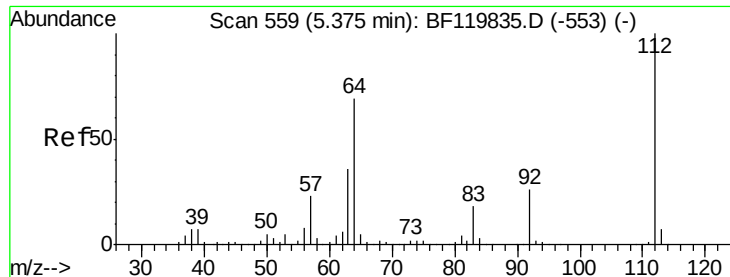
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#4
n-Nitrosodimethylamine
Concen: 49.761 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.15 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:	42	Resp:	337641
Ion Ratio	Lower	Upper	
42	100		
74	119.0	89.0	133.4
44	6.7	6.2	9.4





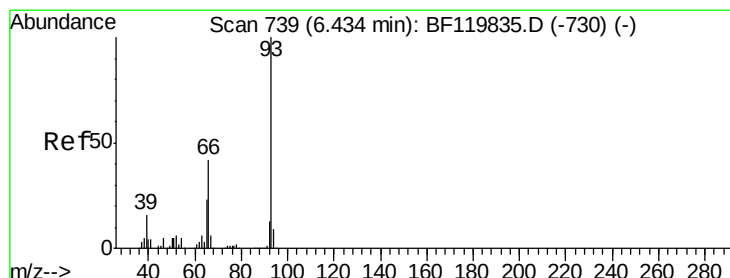
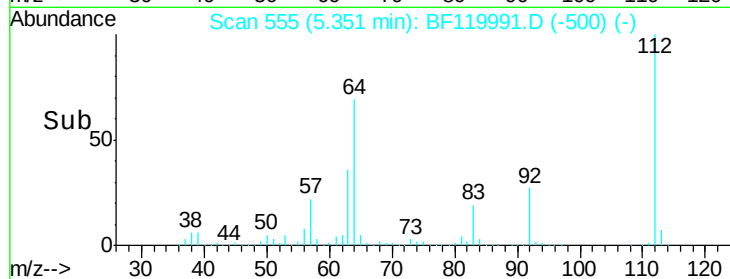
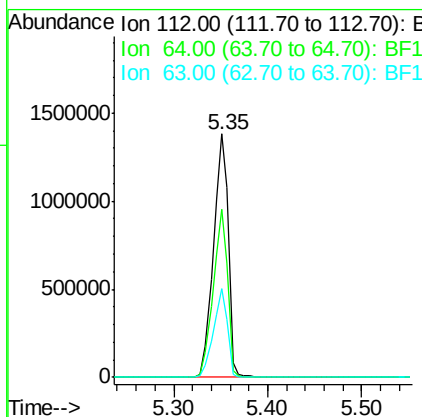
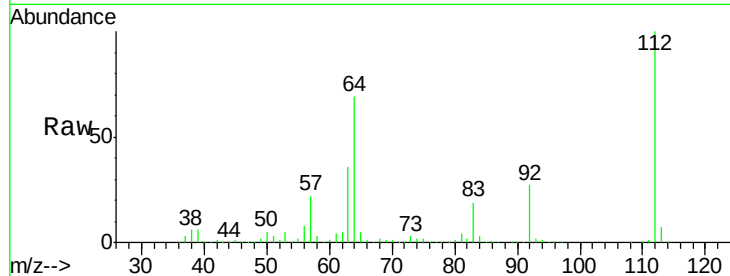
#5
2-Fluorophenol
Concen: 141.685 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.5	83.3
63	36.2	29.1	43.7

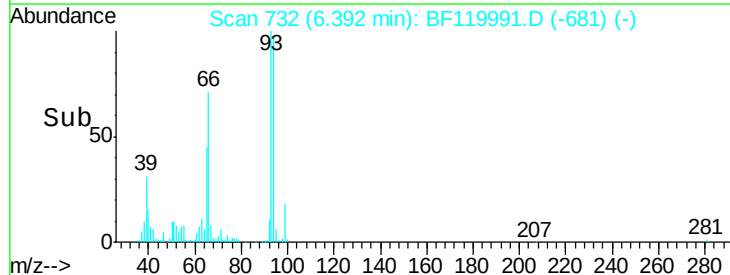
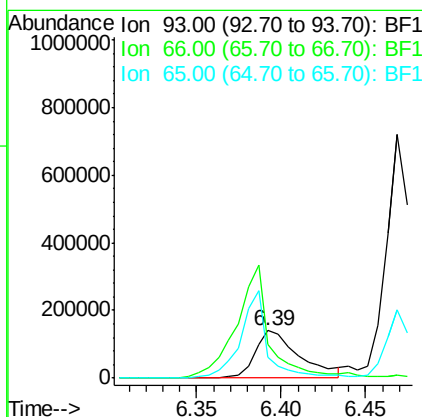
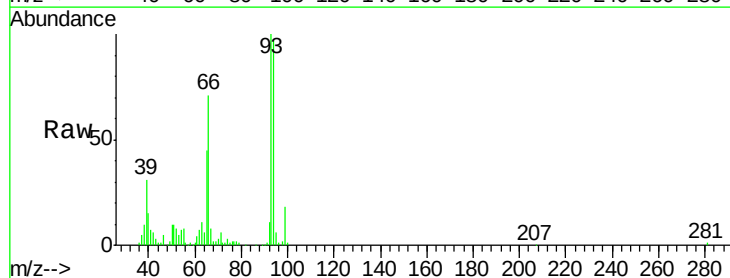
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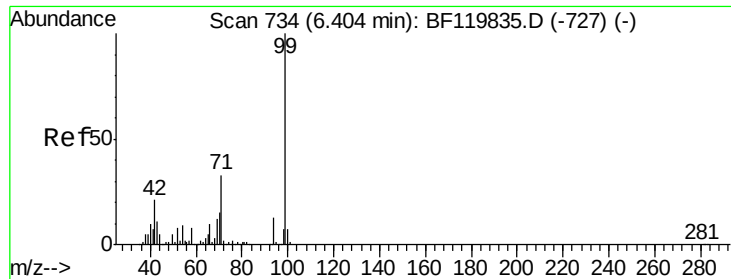
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#6
Aniline
Concen: 13.800 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	70.8	34.2	51.2#
65	45.2	18.3	27.5#





#7

Phenol-d6

Concen: 130.656 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion: 99 Resp: 1829582

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

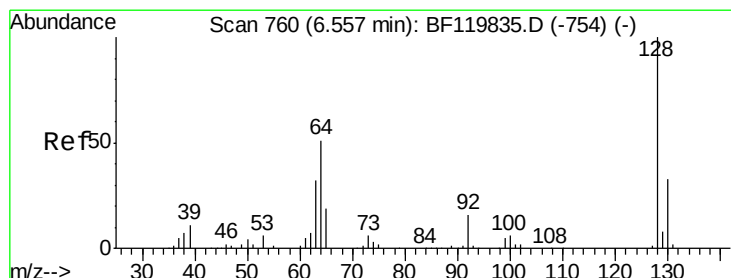
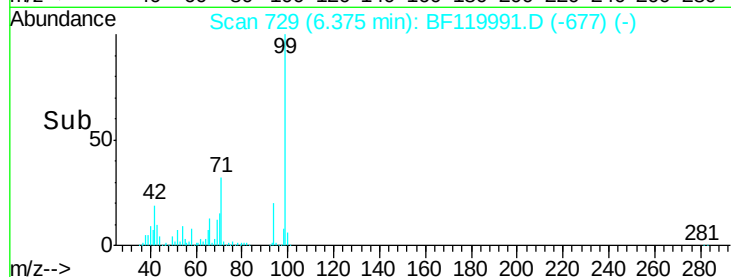
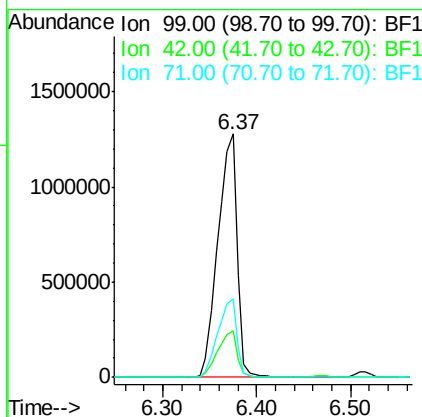
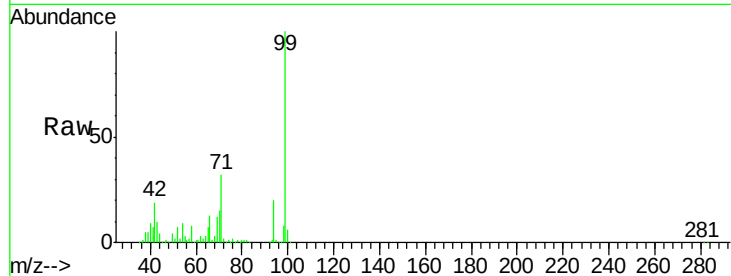
71 32.2 26.3 39.5

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#8

2-Chlorophenol

Concen: 57.616 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

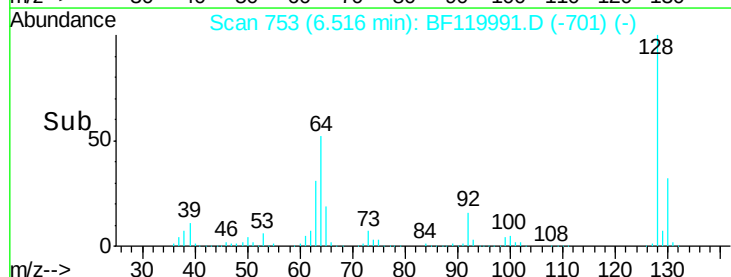
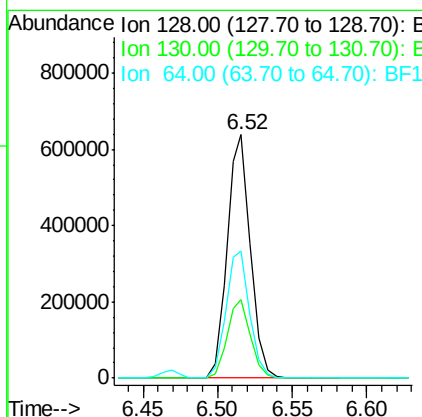
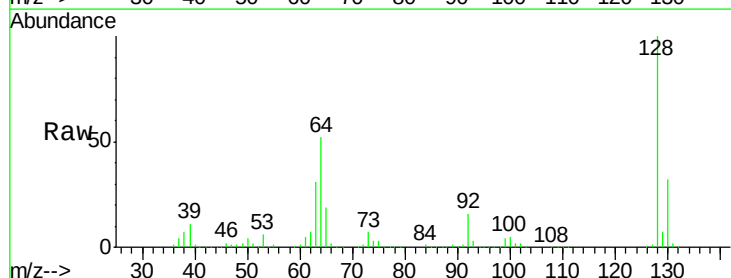
Tgt Ion: 128 Resp: 699597

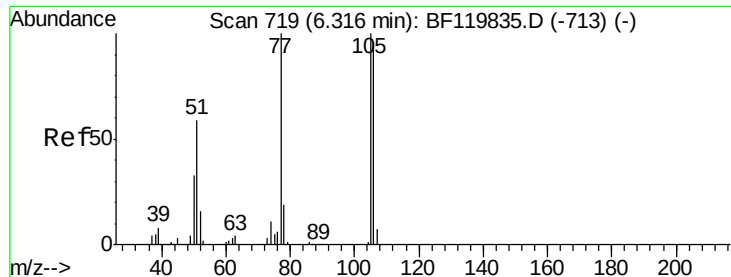
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 52.5 32.0 72.0





#9

Benzaldehyde

Concen: 15.557 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

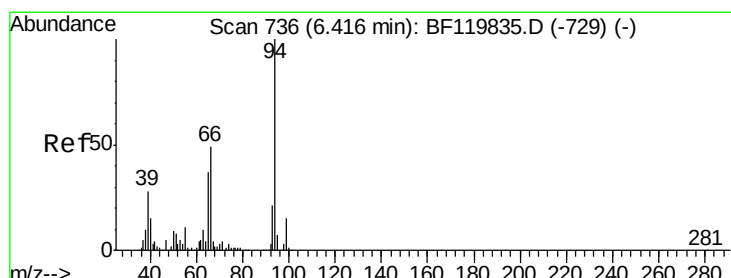
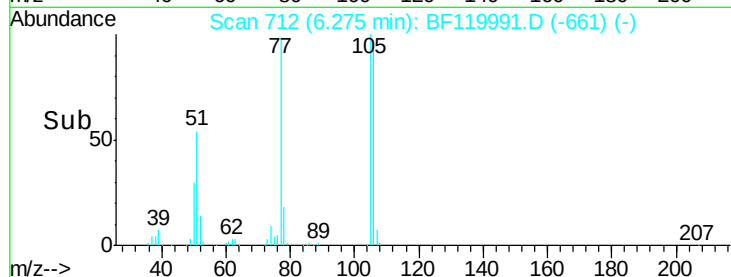
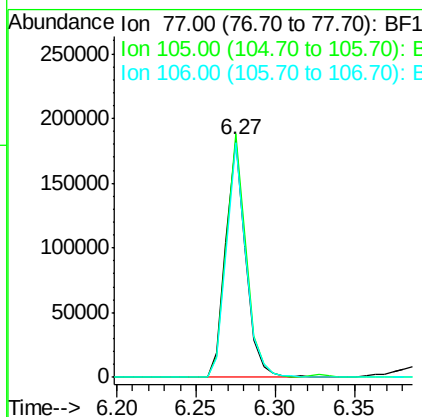
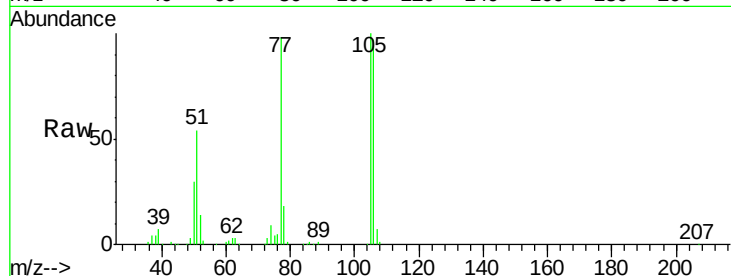
ClientSampleId :

CL-01-041020MS

Tot Ion:	77	Resp:	160038
Ion	Ratio	Lower	Upper
77	100		
105	102.4	79.9	119.9
106	98.9	76.4	116.4

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#10

Phenol

Concen: 46.131 ng

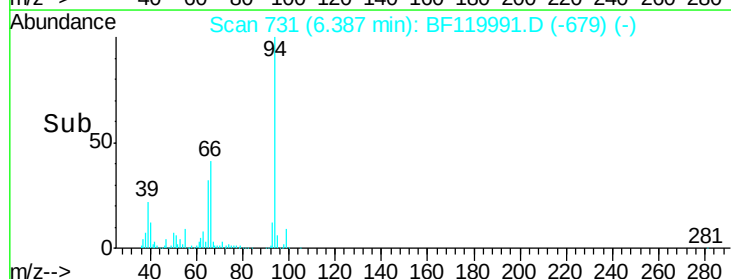
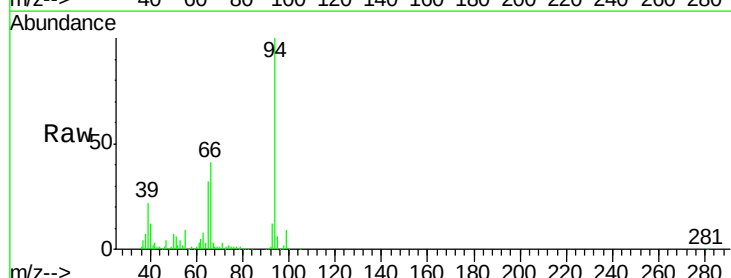
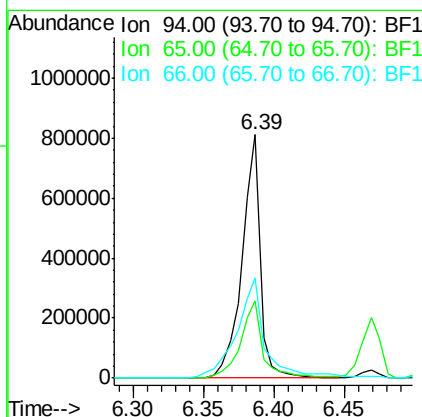
RT: 6.39 min Scan# 731

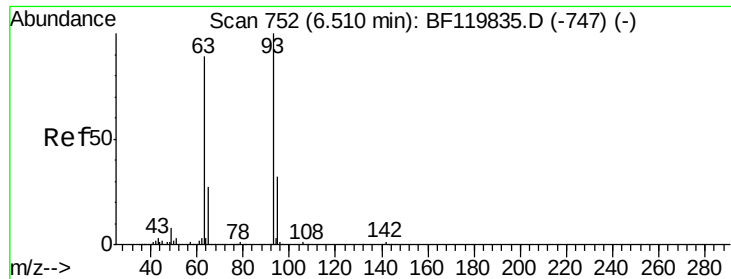
Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion:	94	Resp:	732850
Ion	Ratio	Lower	Upper
94	100		
65	31.9	16.6	56.6
66	41.3	29.3	69.3





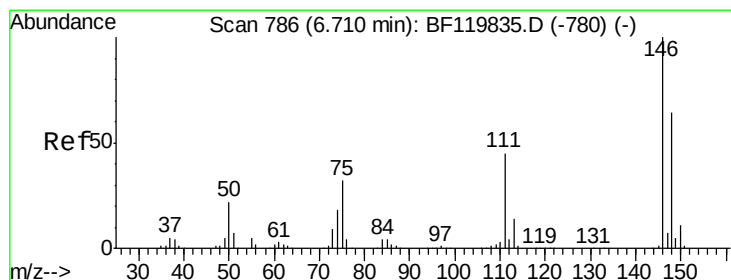
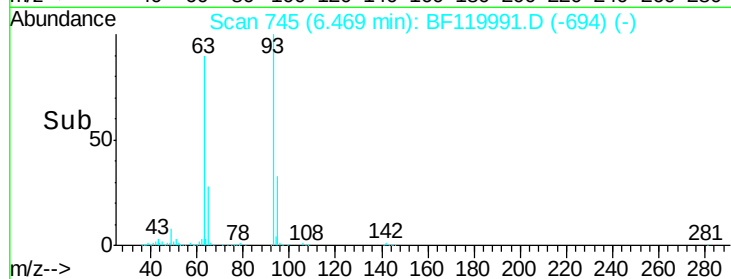
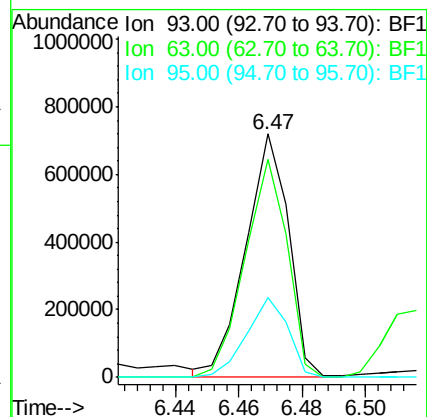
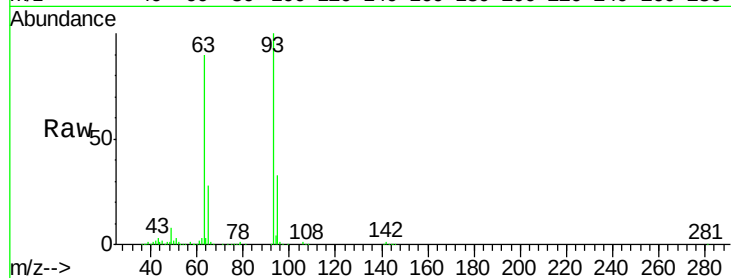
#11
bis(2-Chloroethyl)ether
Concen: 55.194 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	69.1	109.1
95	33.0	12.3	52.3

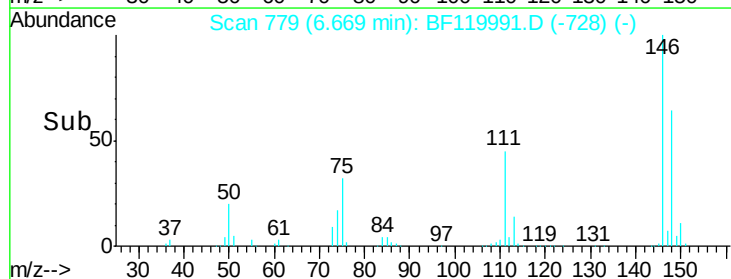
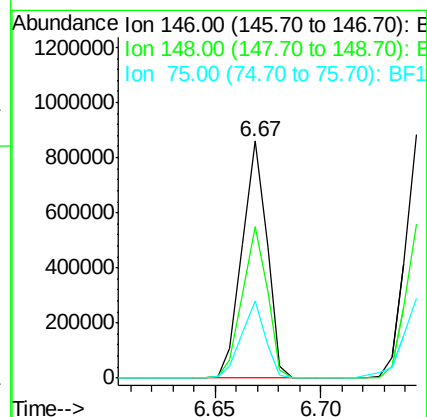
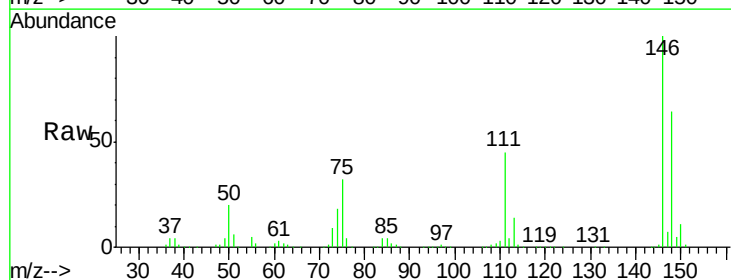
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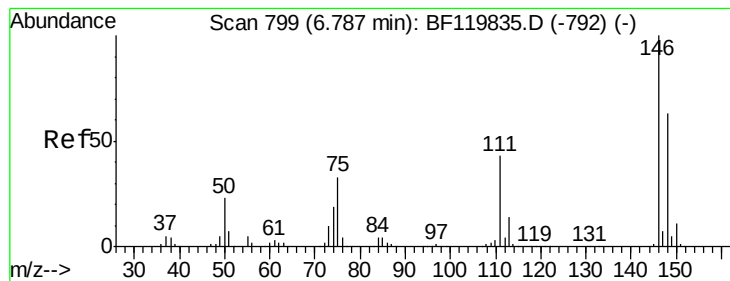
mohammad
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#12
1,3-Dichlorobenzene
Concen: 52.552 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	32.4	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 52.083 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

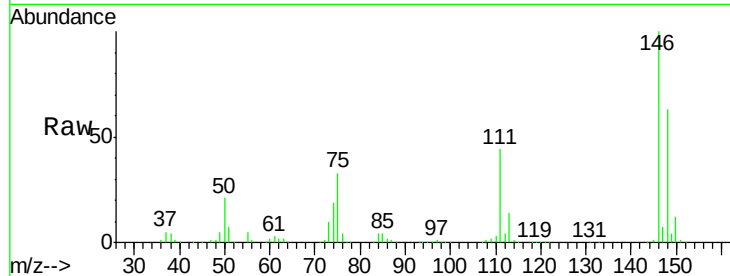
ClientSampleId :

CL-01-041020MS

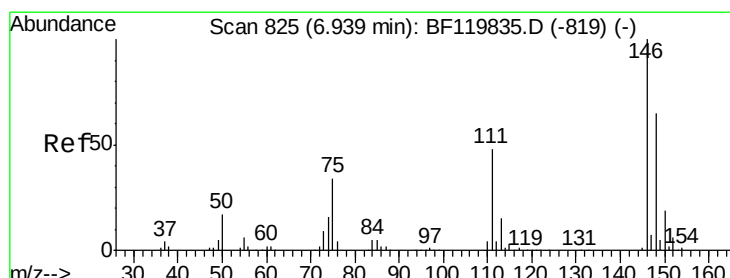
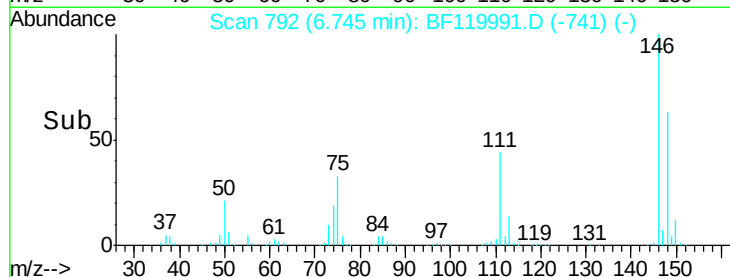
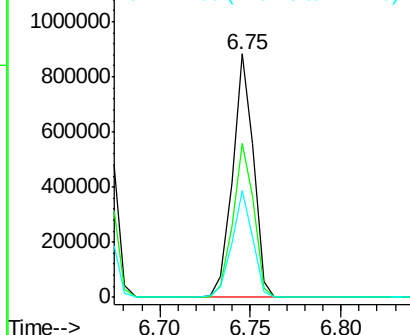
Tot Ion:	146	Resp:	705275
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.5	75.7
111	43.8	34.7	52.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.033 ng

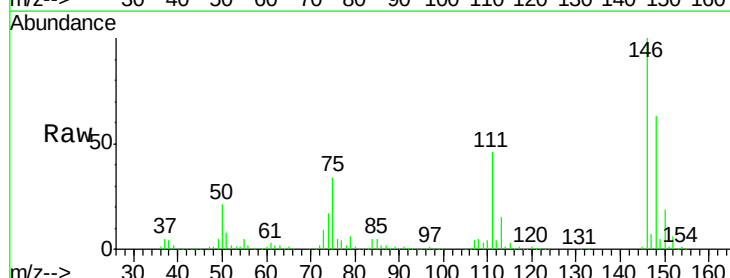
RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

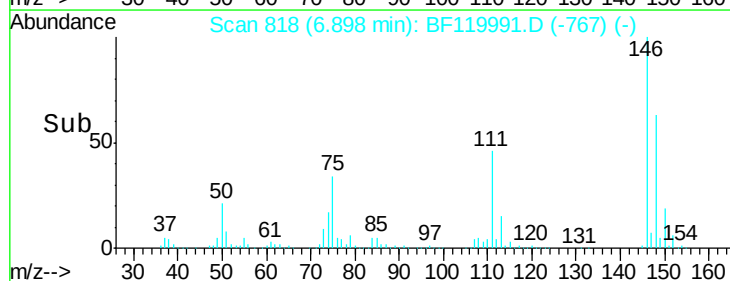
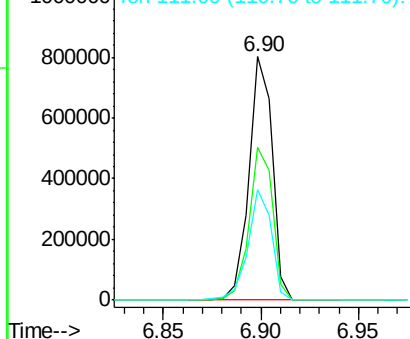
Lab File: BF119991.D

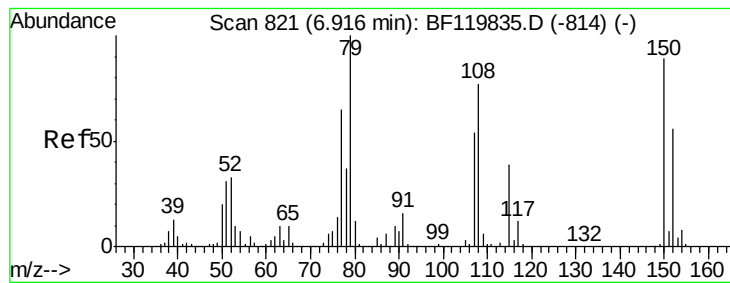
Acq: 15 Apr 2020 14:08

Tgt Ion:	146	Resp:	661837
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.8	77.8
111	45.6	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.966 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion: 79 Resp: 521686

Ion Ratio Lower Upper

79 100

108 78.2 62.0 93.0

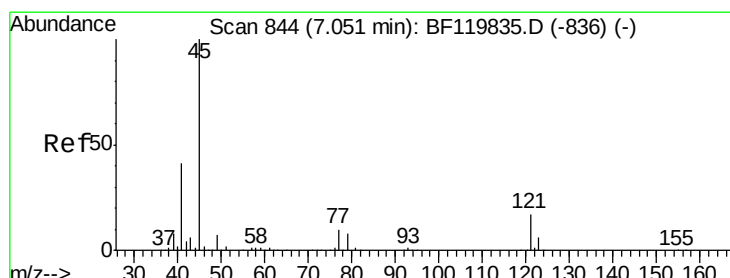
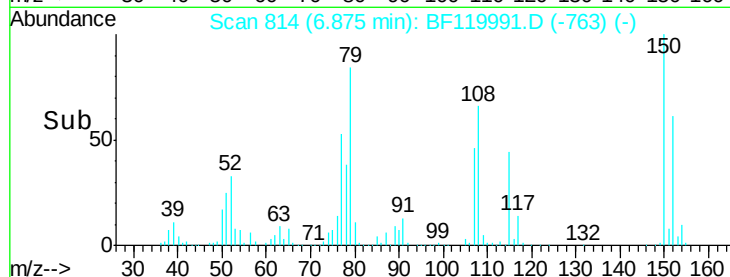
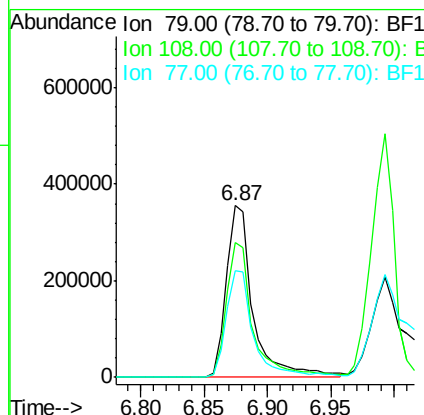
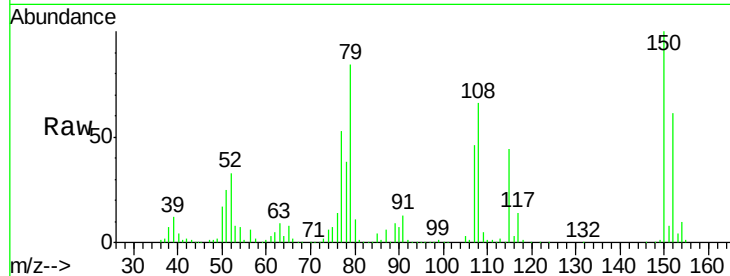
77 62.4 51.8 77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.992 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

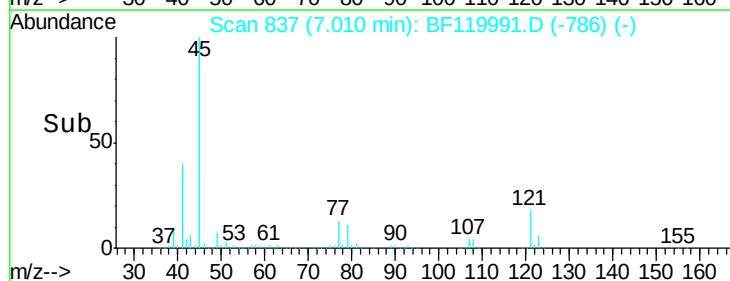
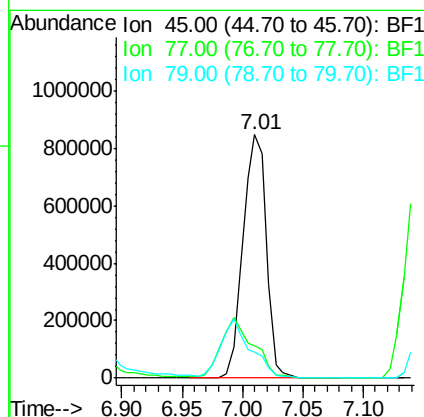
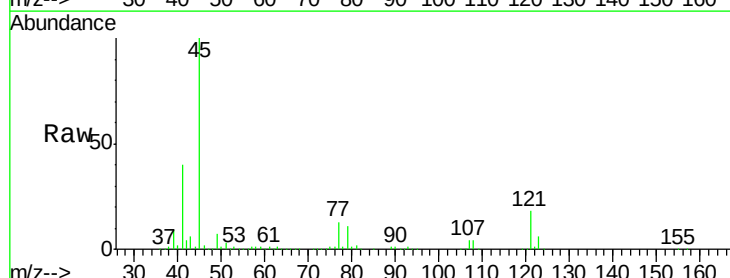
Tgt Ion: 45 Resp: 1145522

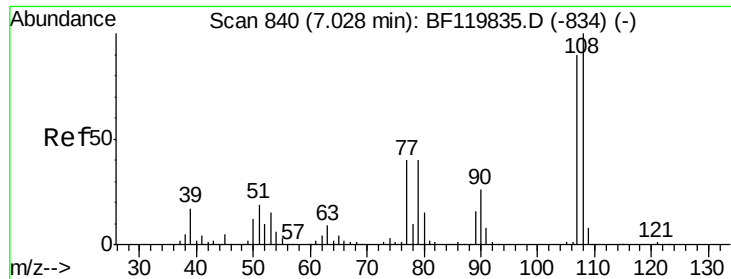
Ion Ratio Lower Upper

45 100

77 13.1 0.0 30.7

79 10.7 0.0 28.6





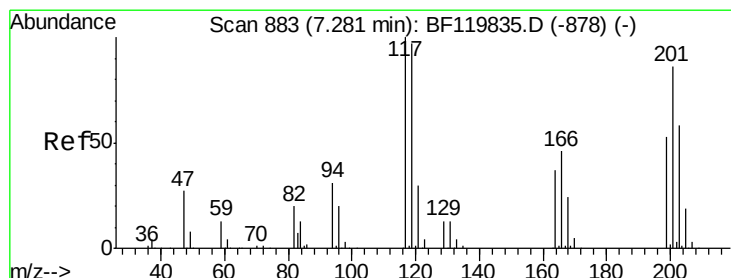
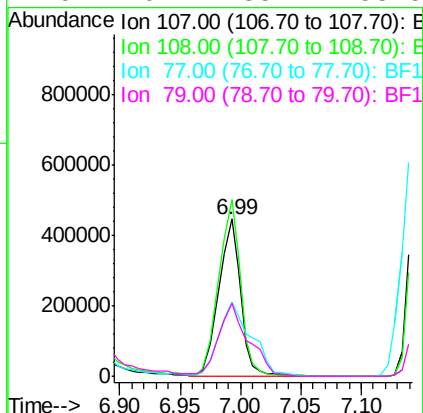
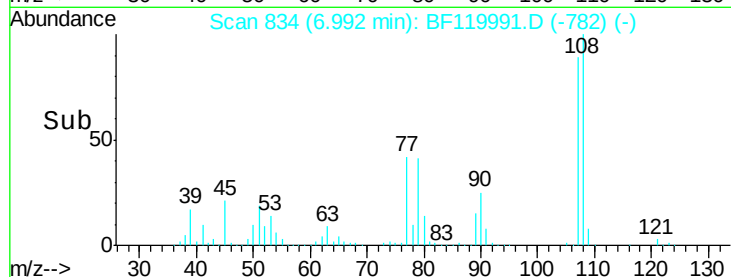
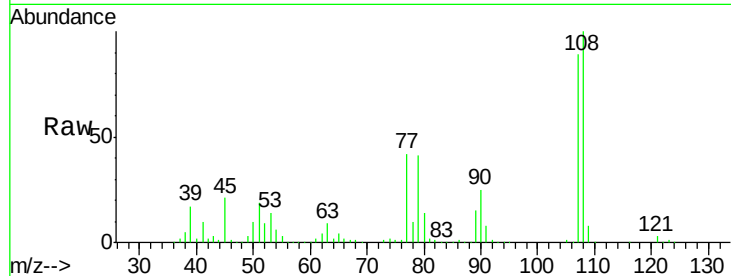
#17
2-Methylphenol
Concen: 51.582 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	107	Resp	558940
Ion Ratio	Lower	Upper	
107	100		
108	112.8	88.8	133.2
77	47.5	36.0	54.0
79	46.7	35.7	53.5

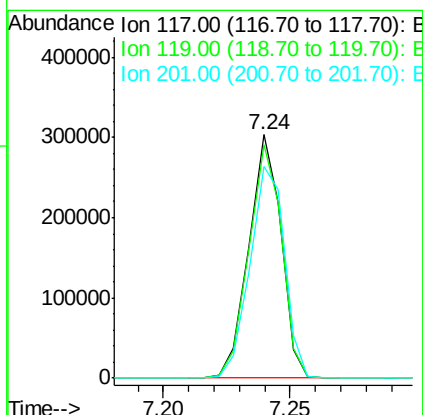
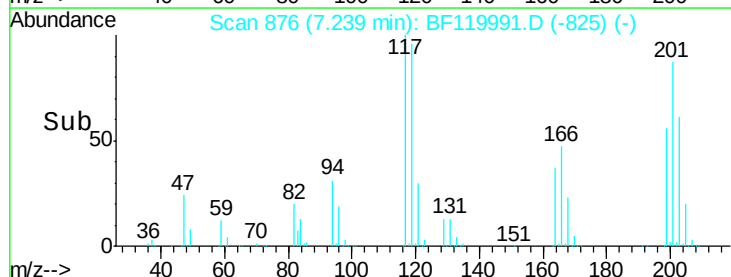
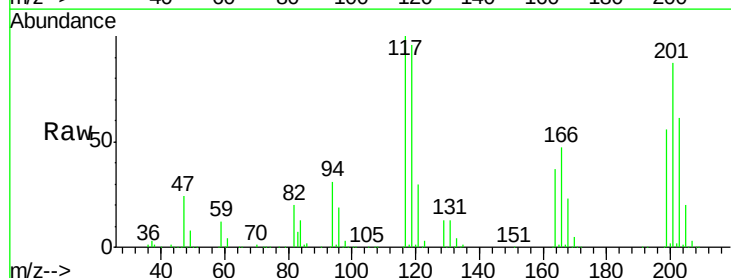
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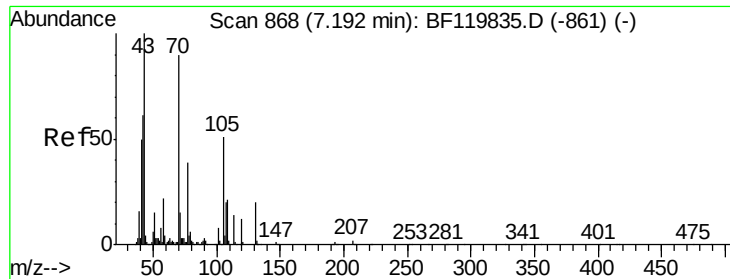
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#18
Hexachloroethane
Concen: 53.317 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	117	Resp	269825
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.4	116.0
201	87.1	68.4	102.6





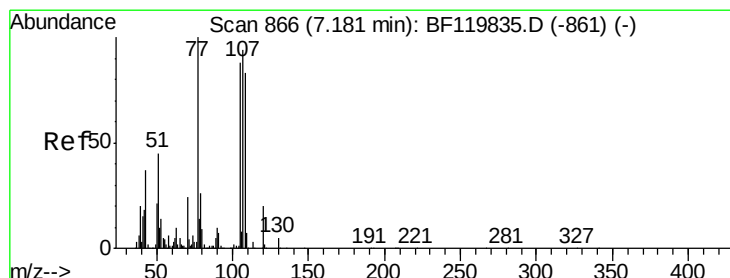
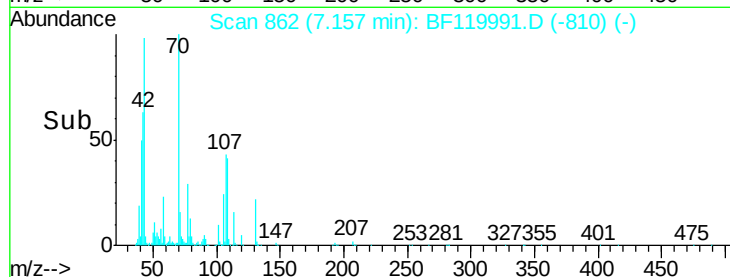
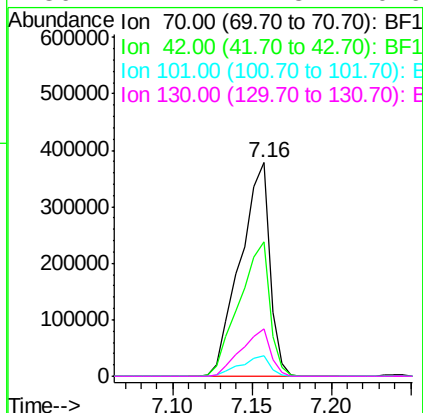
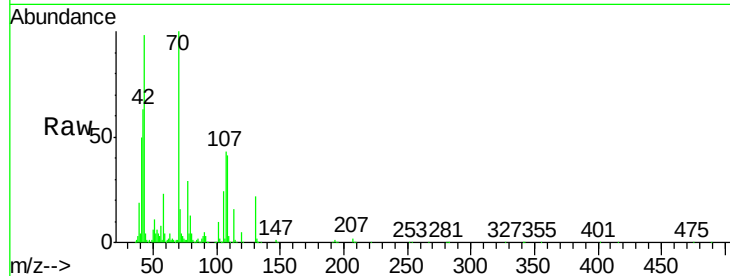
#19
n-Nitroso-di-n-propylamine
Concen: 54.267 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	54.2	81.4
101	9.5	7.4	11.2
130	22.4	17.8	26.6

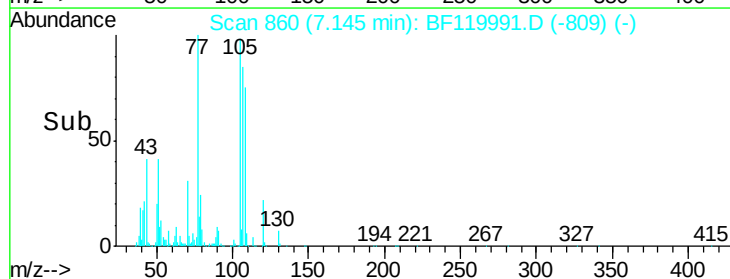
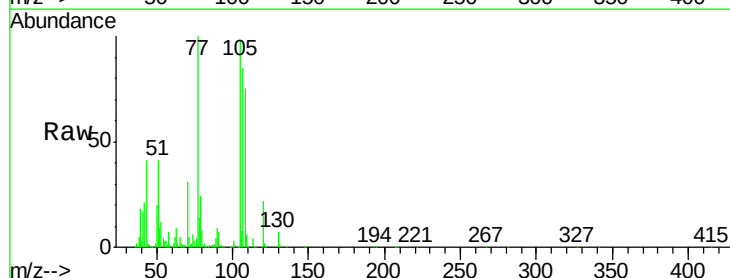
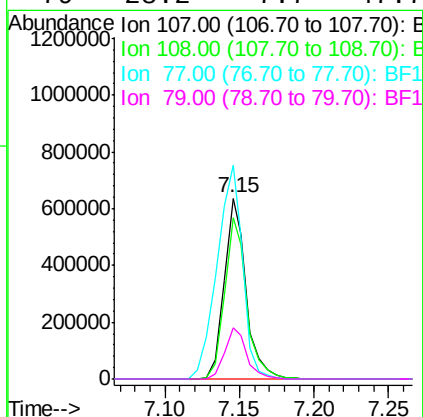
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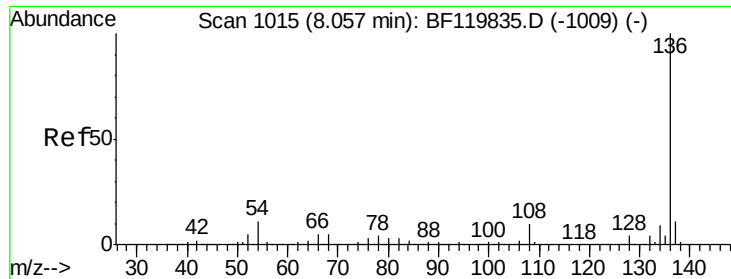
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#20
3+4-Methylphenols
Concen: 49.387 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	118.3	86.6	126.6
79	28.2	7.7	47.7





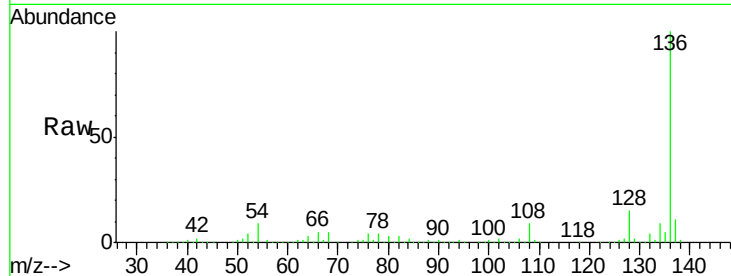
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	730025		
137	10.7		8.7	13.1
54	9.0		8.5	12.7
68	5.3		3.9	5.9

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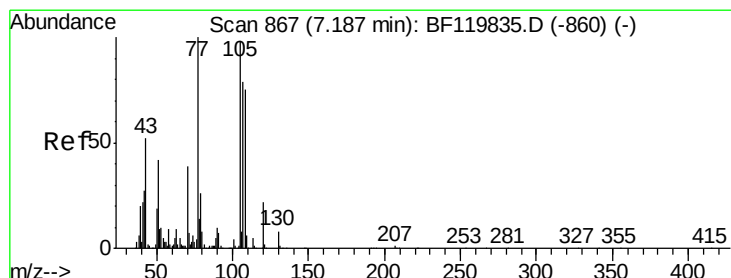
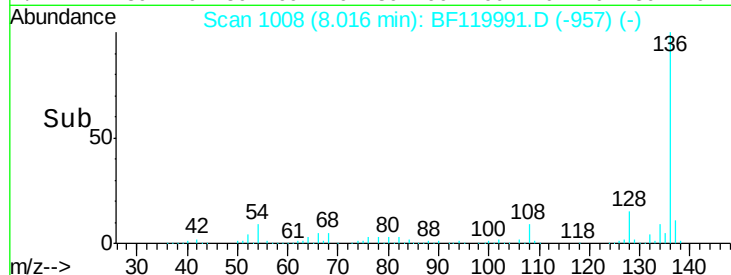
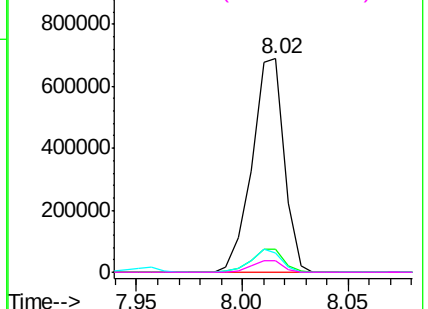
Abundance

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: 54.138 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	925479		
71	5.4		5.6	8.4#
51	41.7		33.9	50.9
120	22.5		17.8	26.8

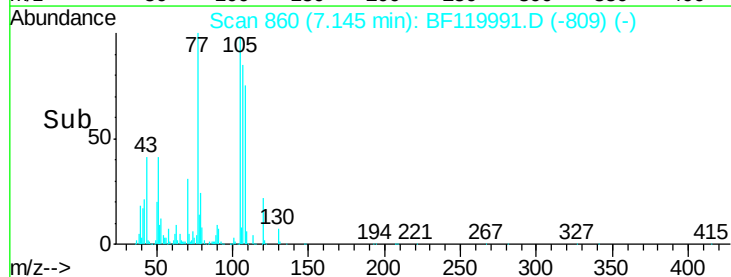
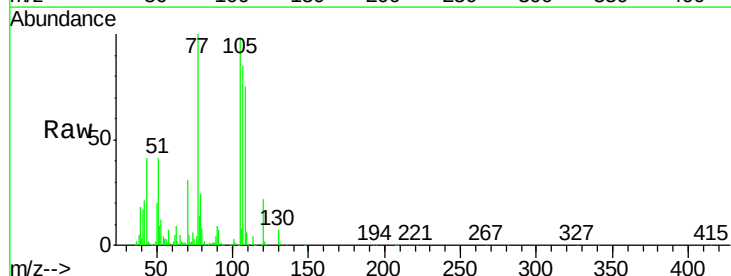
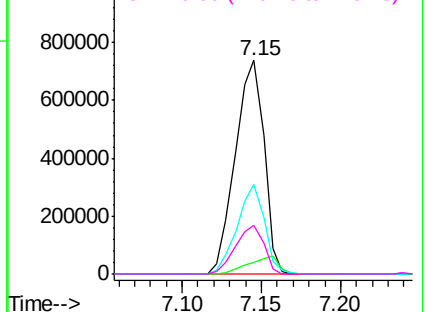
Abundance

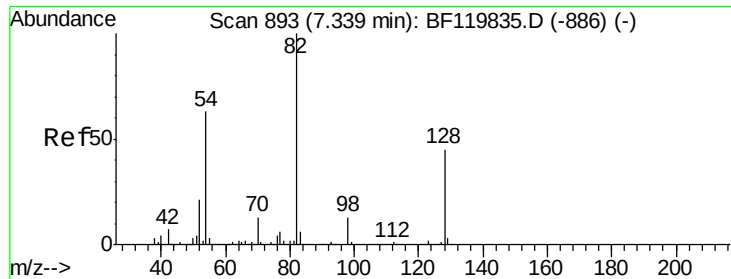
Ion 105.00 (104.70 to 105.70): E

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





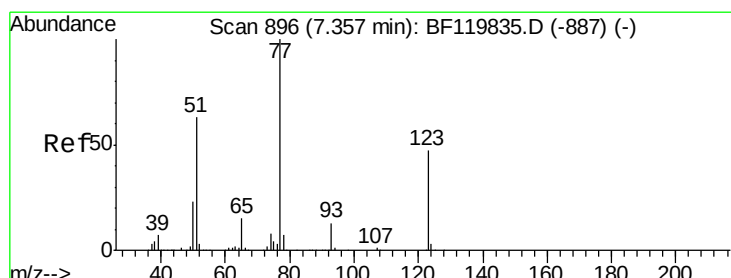
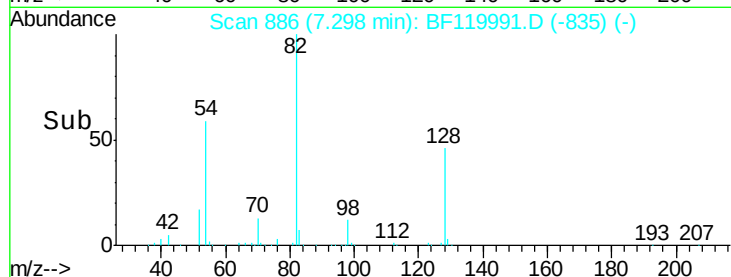
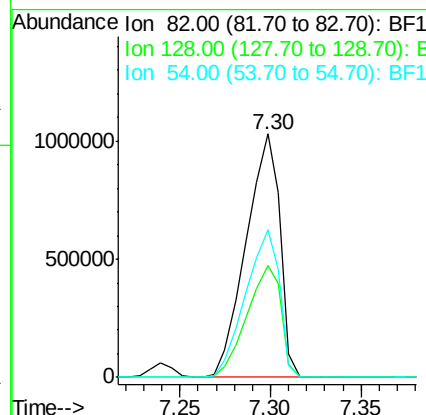
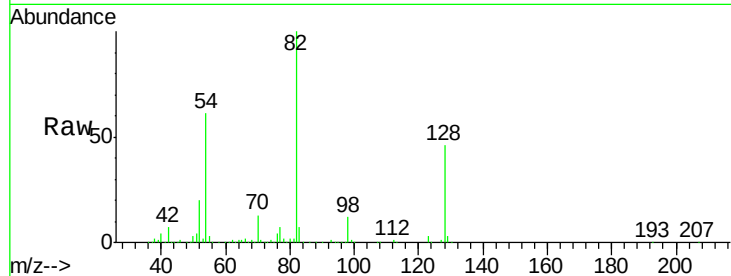
#23
 Nitrobenzene-d5
 Concen: 94.334 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion: 82 Resp: 1331172
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.2 54.4
 54 60.7 50.4 75.6

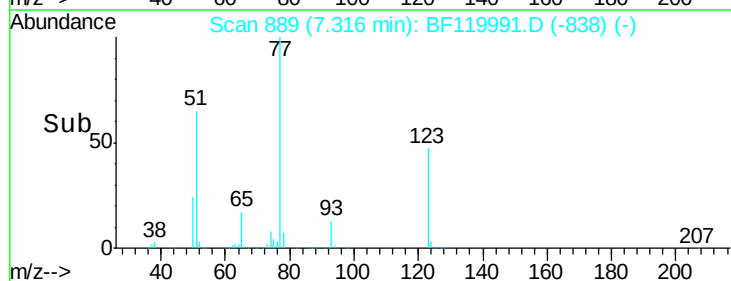
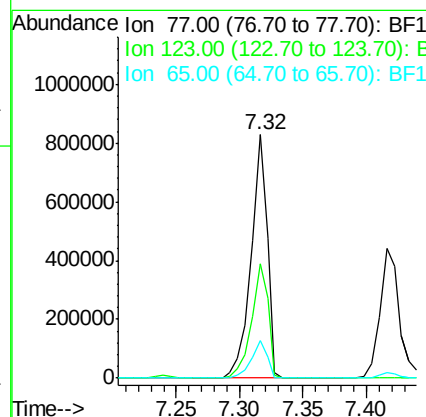
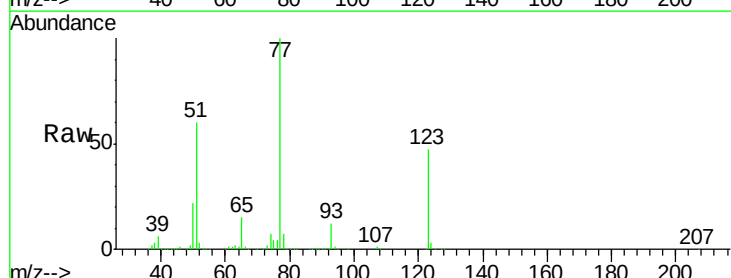
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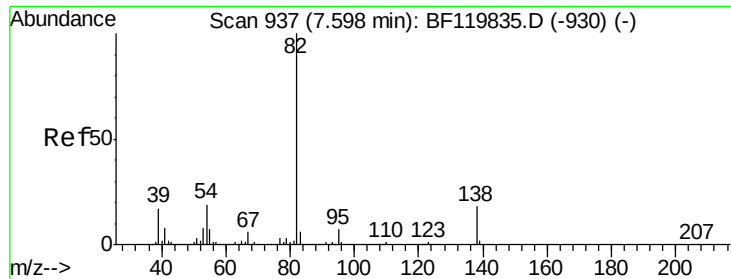
mohammad
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#24
 Nitrobenzene
 Concen: 51.392 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion: 77 Resp: 729532
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.8 56.8
 65 15.3 12.2 18.2





#25

Isophorone

Concen: 50.243 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion: 82 Resp: 1366735

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

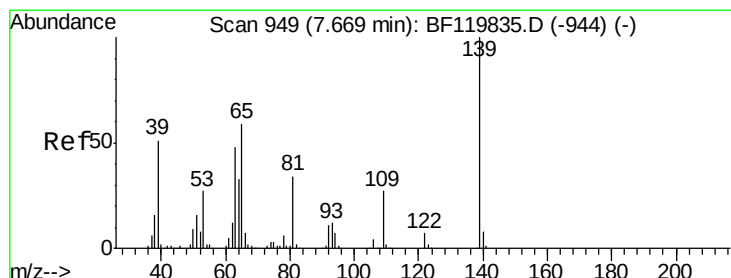
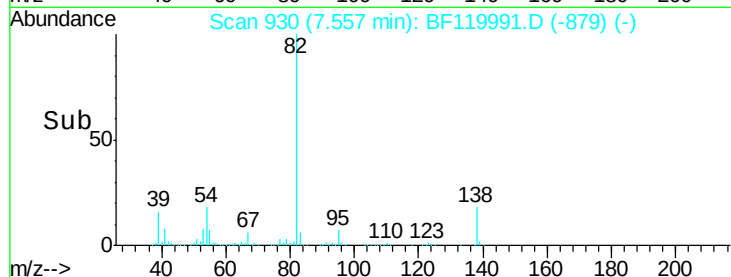
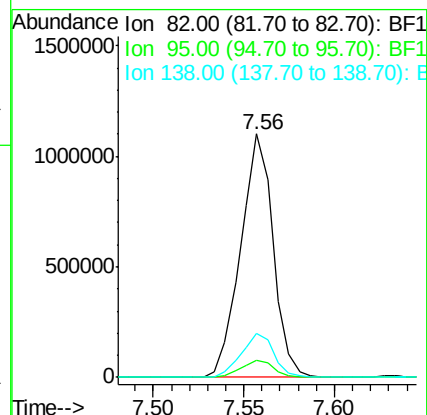
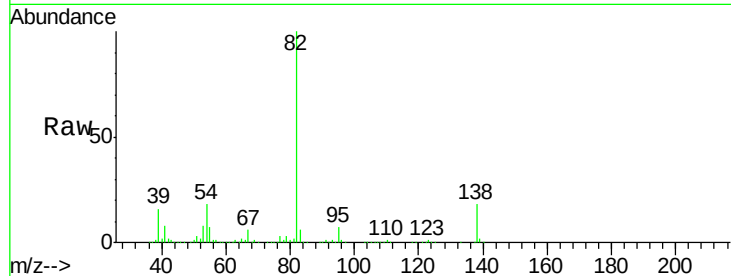
138 18.1 14.5 21.7

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#26

2-Nitrophenol

Concen: 53.247 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

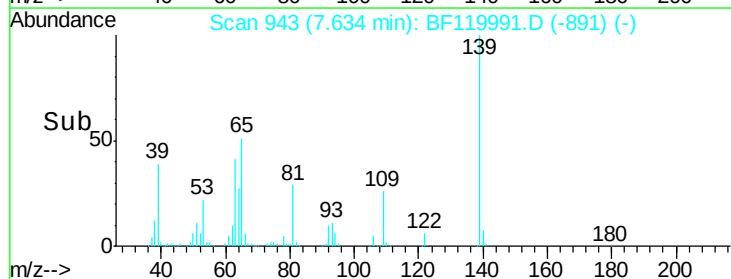
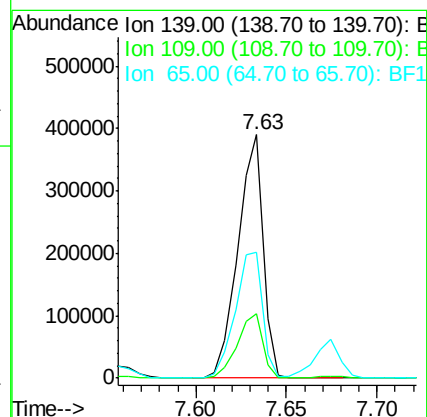
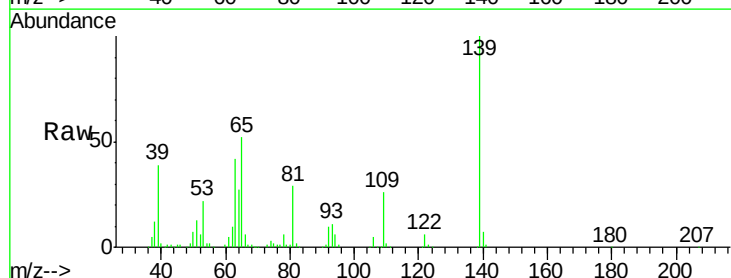
Tgt Ion: 139 Resp: 377629

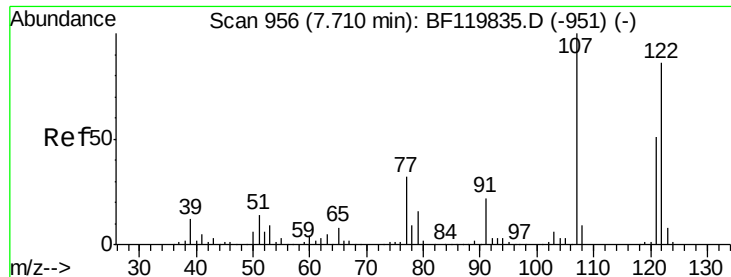
Ion Ratio Lower Upper

139 100

109 26.3 21.8 32.6

65 51.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 54.522 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

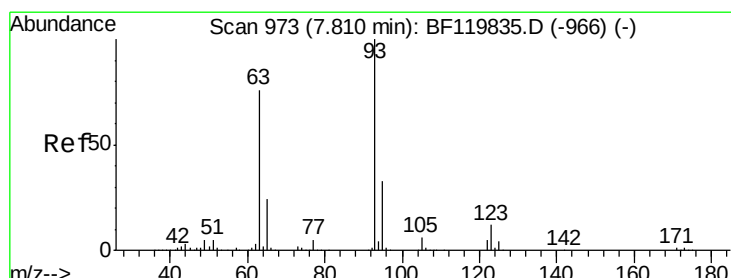
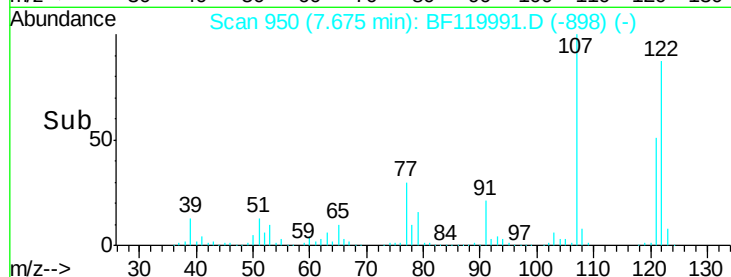
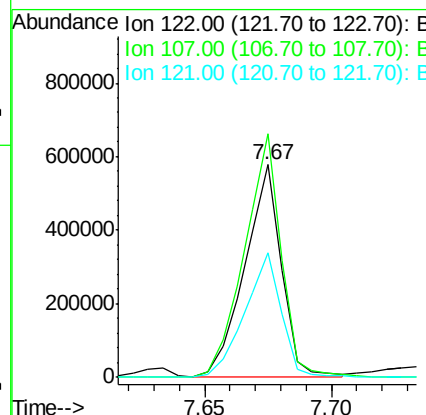
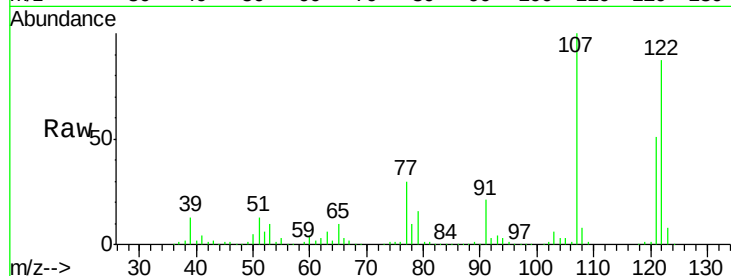
ClientSampleId :

CL-01-041020MS

Tot Ion:	122	Resp:	583175
Ion Ratio	Lower	Upper	
122	100		
107	114.4	92.3	138.5
121	58.8	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 53.409 ng

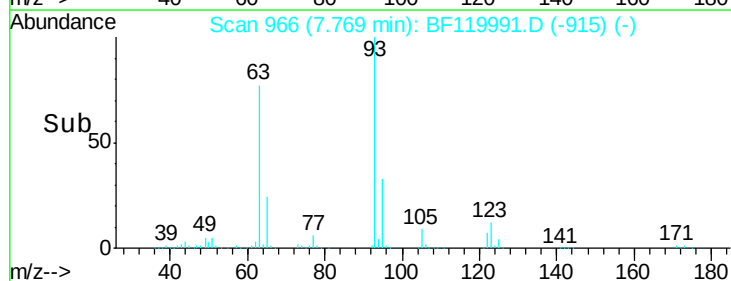
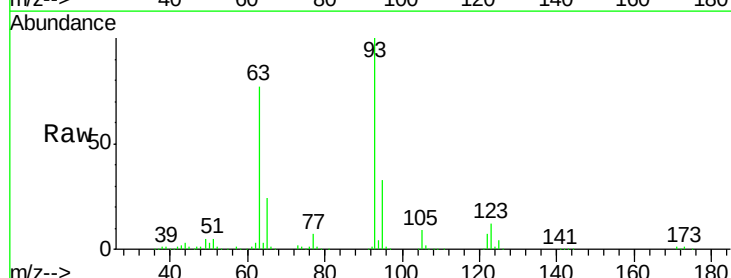
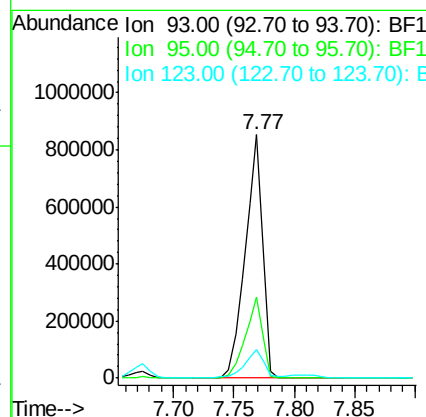
RT: 7.77 min Scan# 966

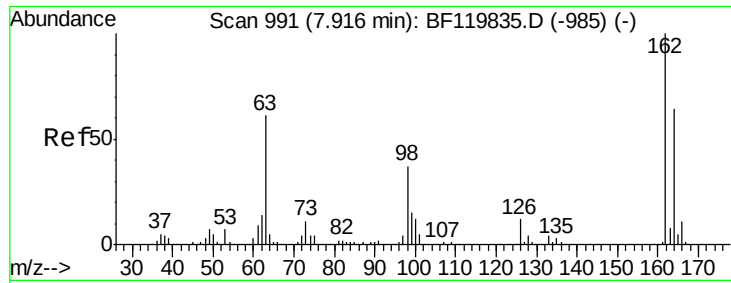
Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion:	93	Resp:	854912
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.4	39.6
123	11.7	9.7	14.5





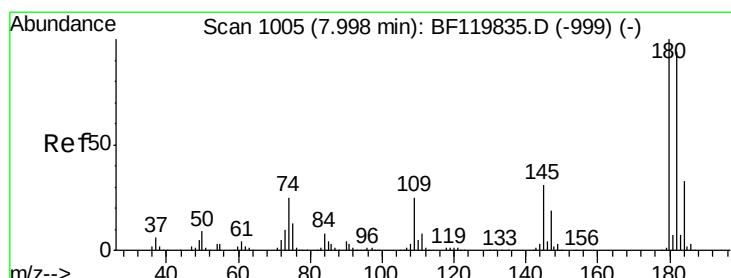
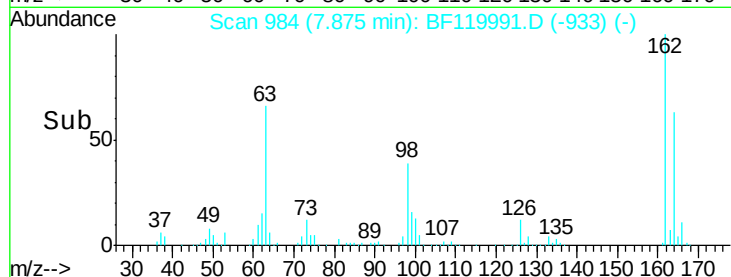
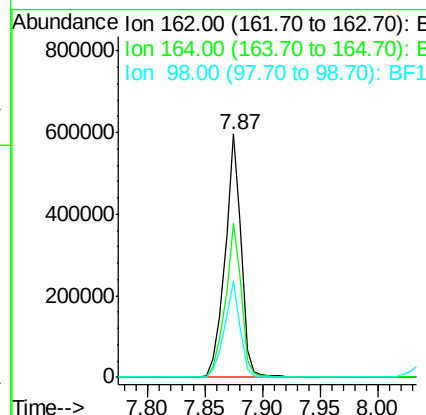
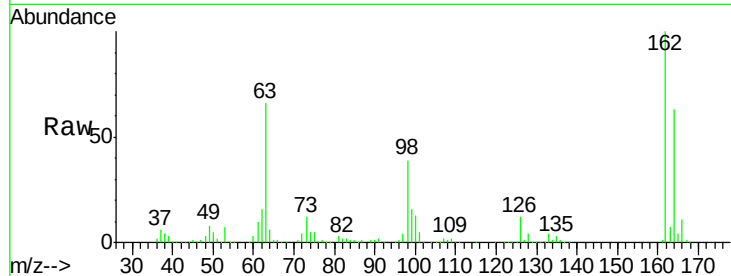
#29
2,4-Dichlorophenol
Concen: 52.452 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	575066		
164	63.4	44.4	84.4	
98	39.4	17.3	57.3	

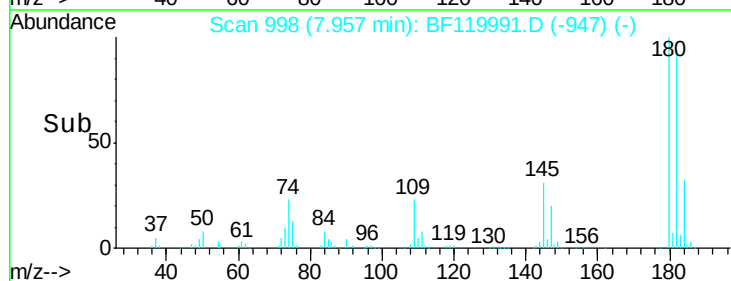
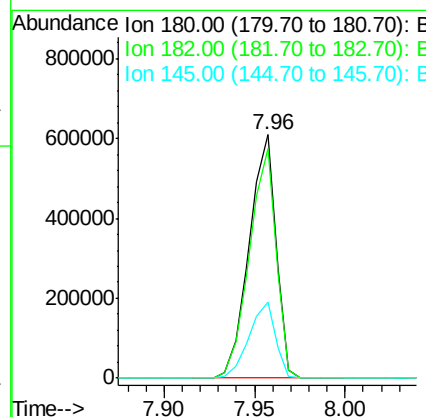
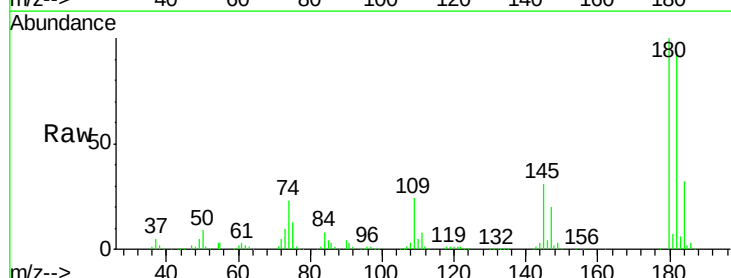
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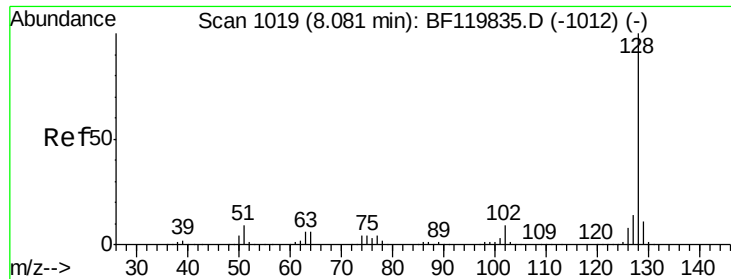
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 50.429 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	626472		
182	94.1	75.4	113.0	
145	31.4	24.6	37.0	





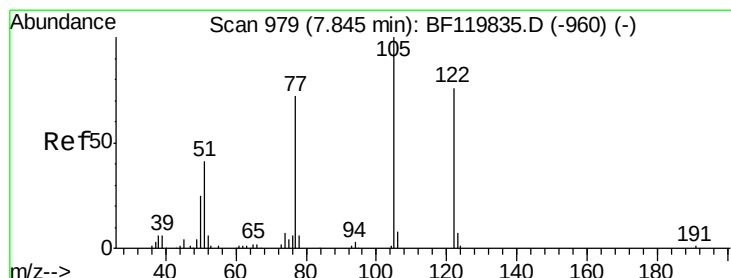
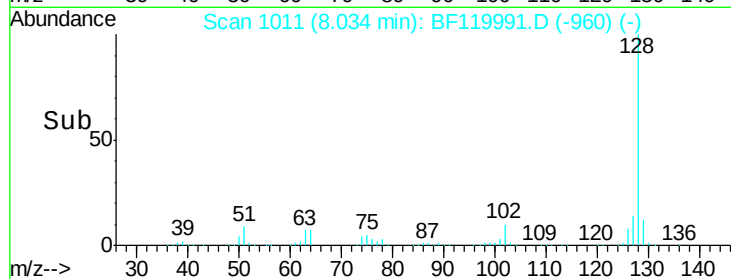
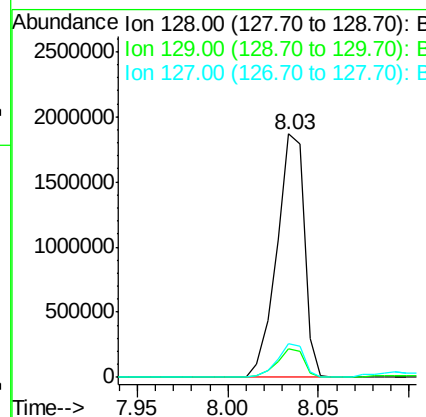
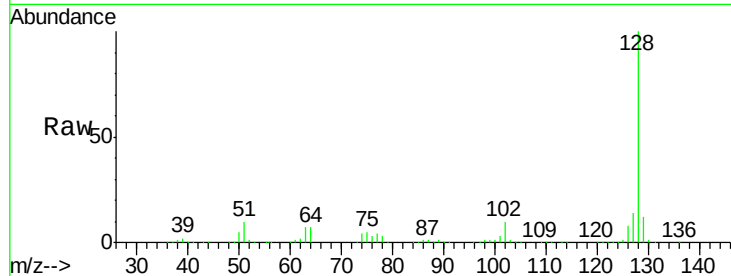
#31
Naphthalene
Concen: 51.143 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:128 Resp: 1964328
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 11.0 16.4

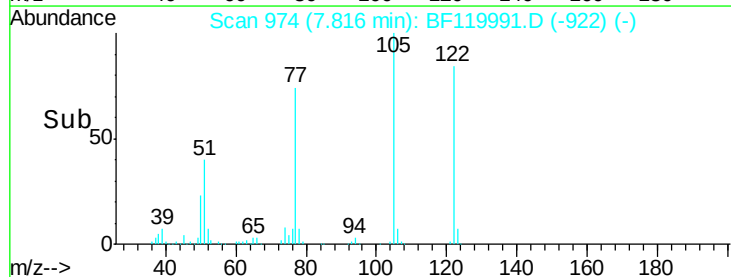
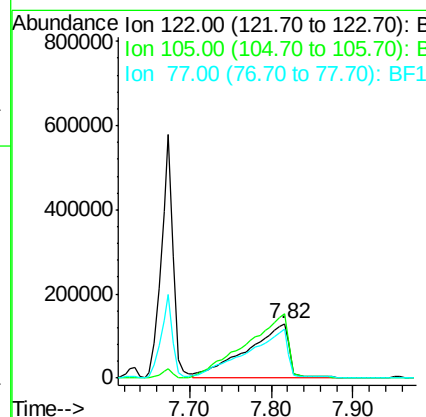
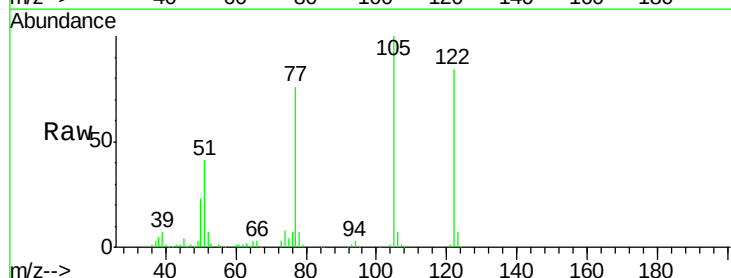
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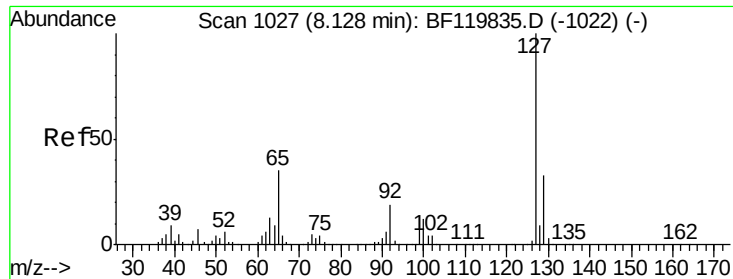
mohammad
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#32
Benzoic acid
Concen: 48.920 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:122 Resp: 459547
Ion Ratio Lower Upper
122 100
105 119.3 106.7 146.7
77 90.2 72.1 112.1





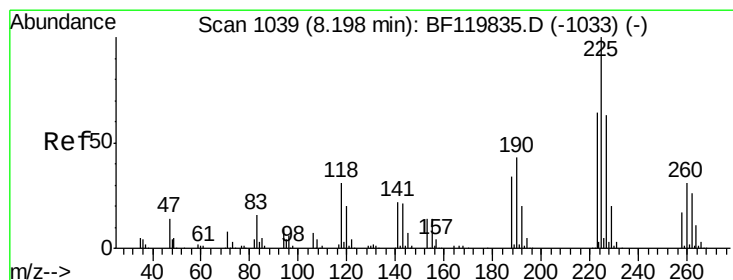
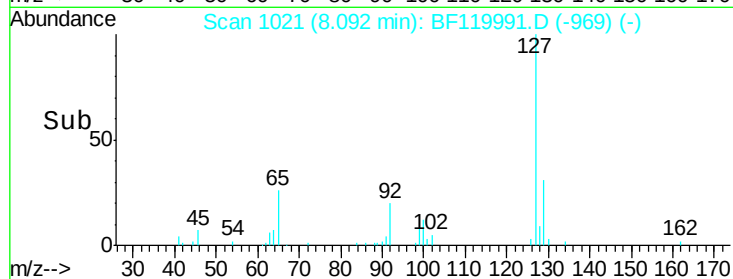
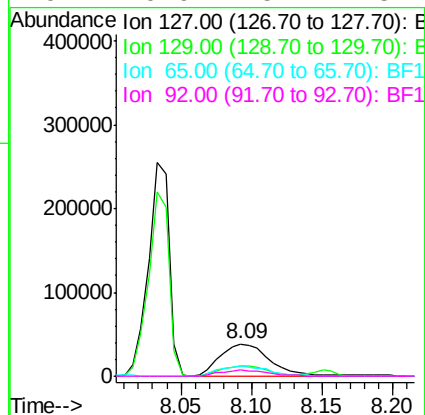
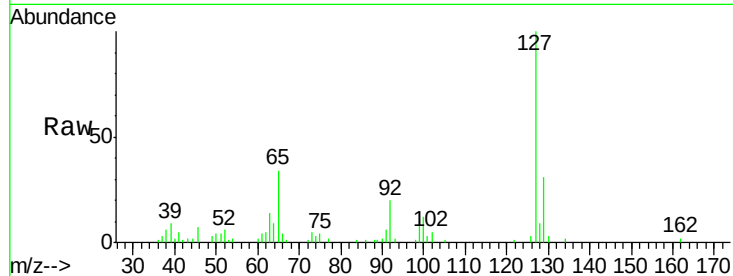
#33
4-Chloroaniline
Concen: 5.680 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.2	39.2		
65	33.6	28.3	42.5		
92	19.9	15.4	23.2		

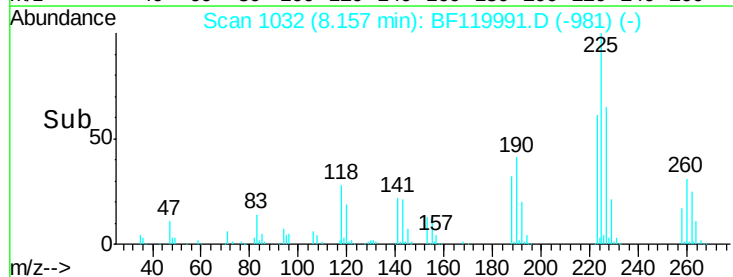
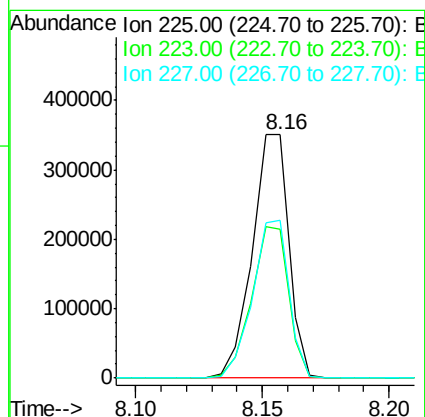
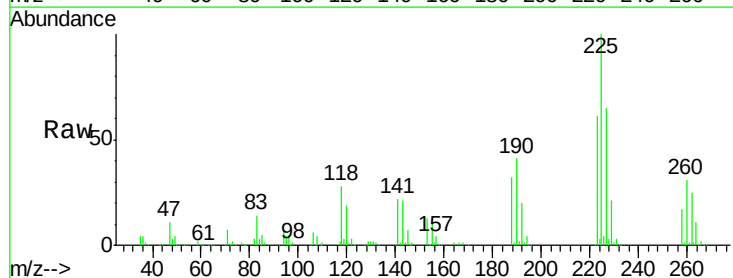
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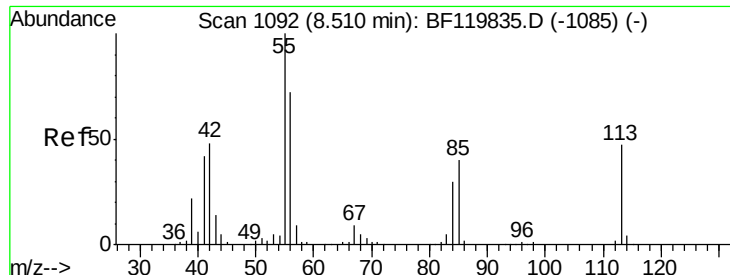
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#34
Hexachlorobutadiene
Concen: 47.630 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	51.0	76.6		
227	65.1	50.4	75.6		





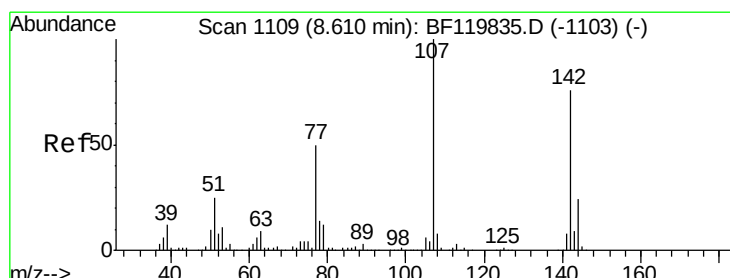
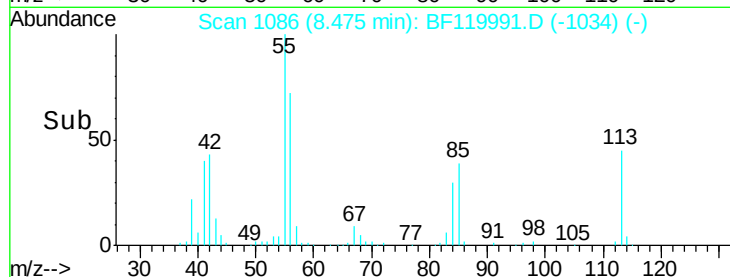
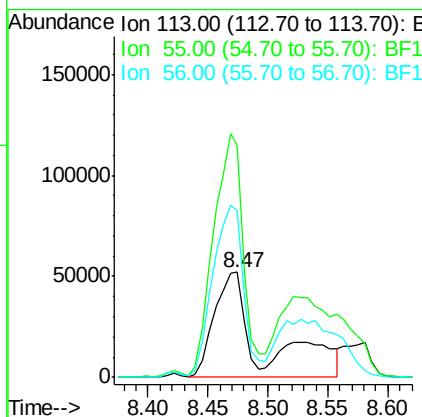
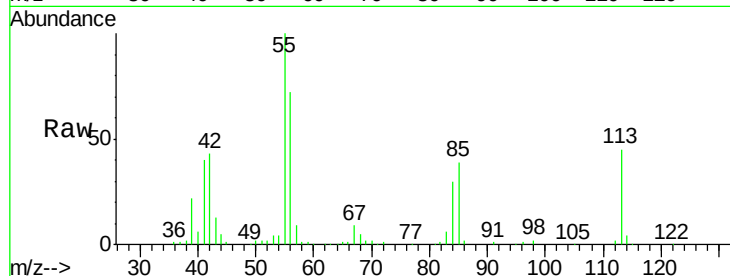
#35
 Caprolactam
 Concen: 42.894 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.4	192.7	232.7
56	158.5	133.3	173.3

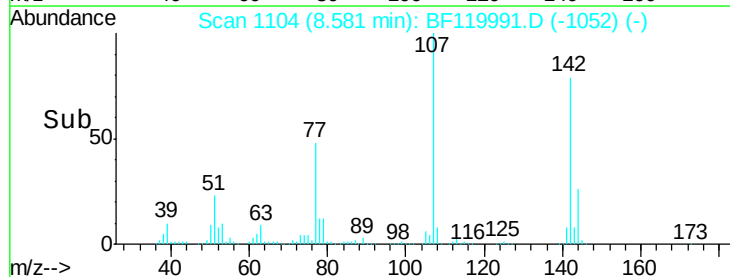
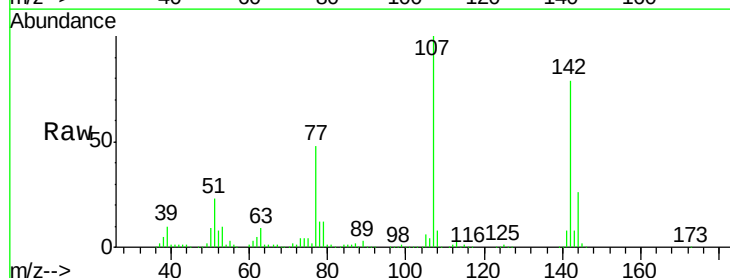
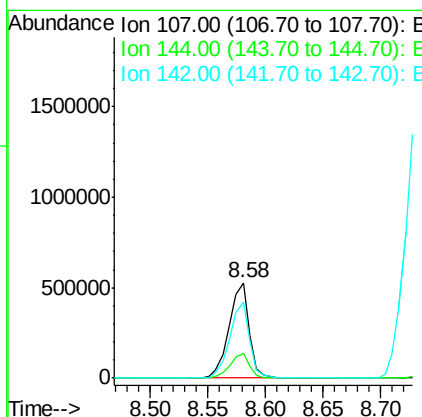
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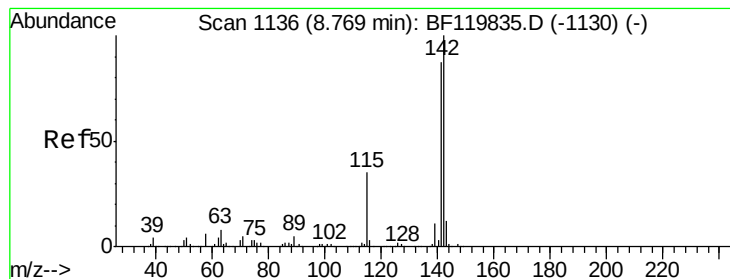
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 53.042 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.5	29.3
142	79.3	60.5	90.7





#37

2-Methylnaphthalene

Concen: 51.660 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion:142 Resp: 1345230

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9

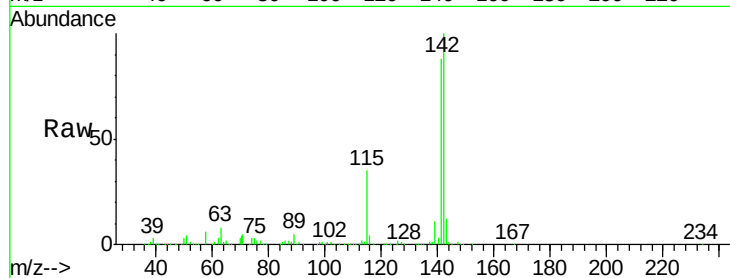
115 34.6 28.0 42.0

Manual Integrations

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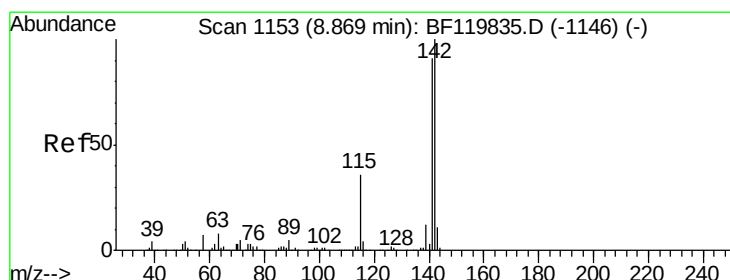
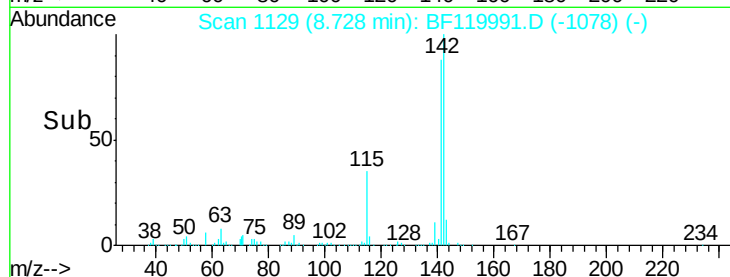
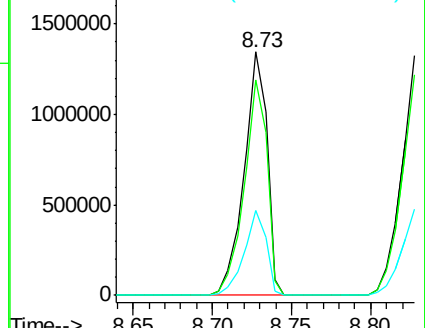
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.586 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

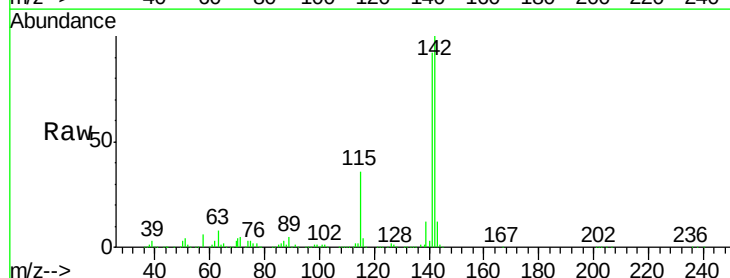
Tgt Ion:142 Resp: 1266117

Ion Ratio Lower Upper

142 100

141 92.2 72.9 109.3

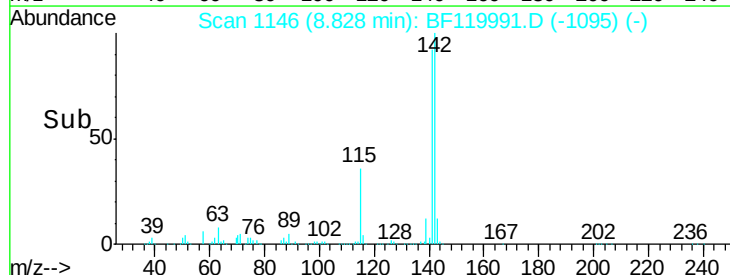
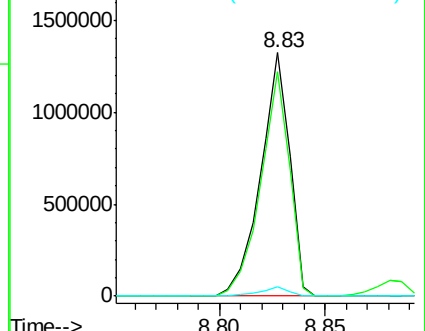
116 3.8 3.0 4.6

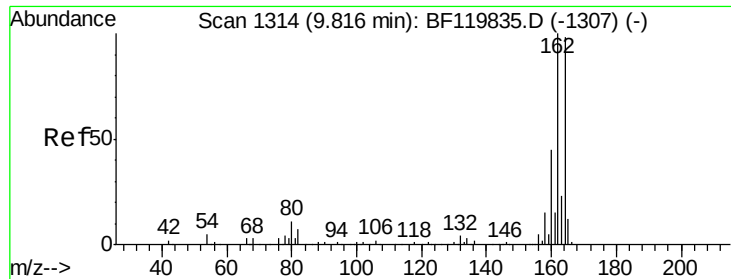


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





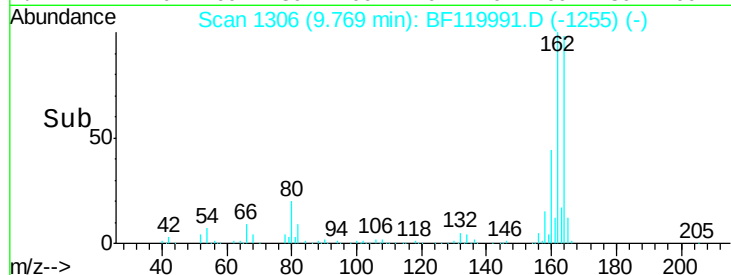
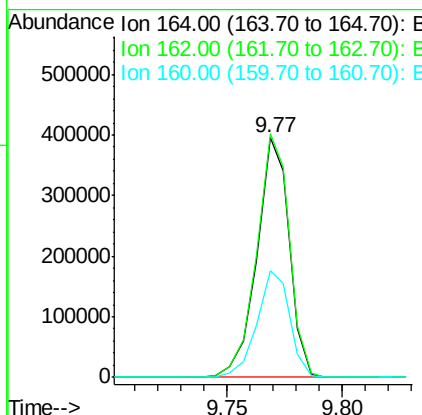
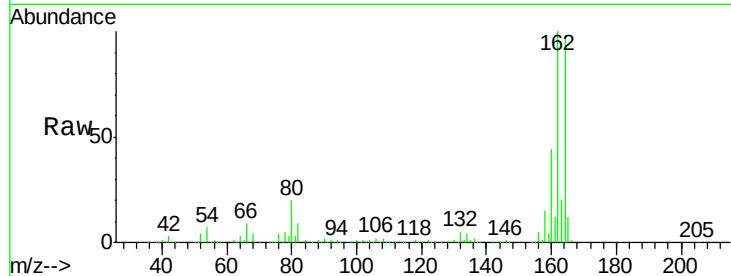
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	44.8	36.6	54.8

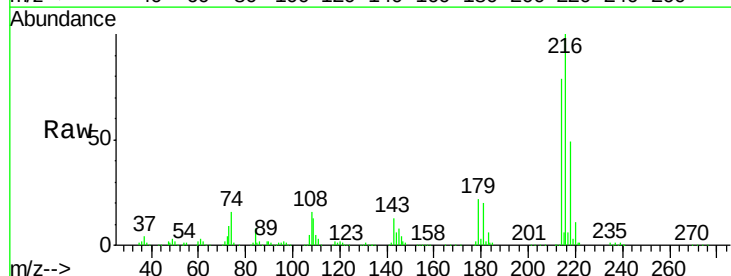
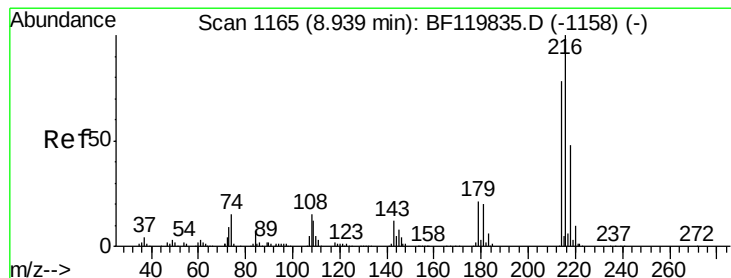
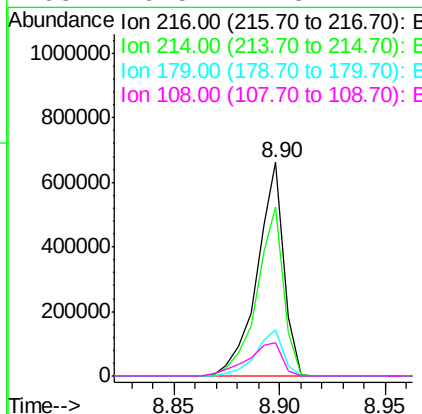
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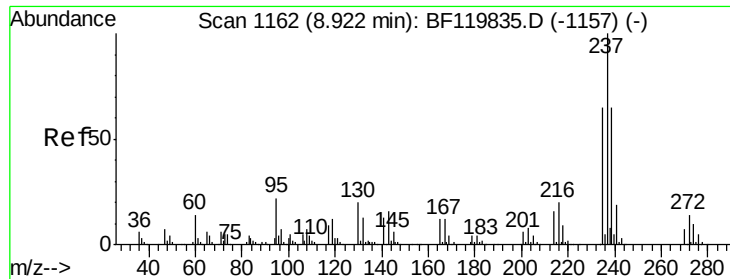
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.508 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.1	94.7
179	22.1	17.0	25.4
108	20.5	14.8	22.2





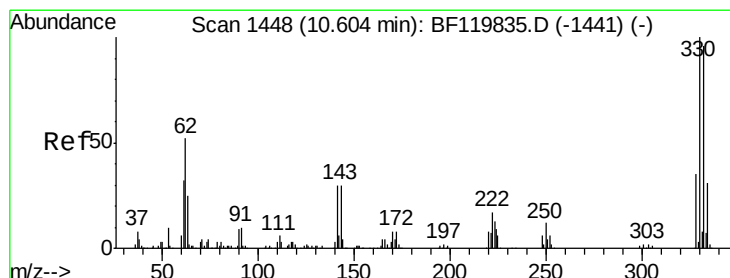
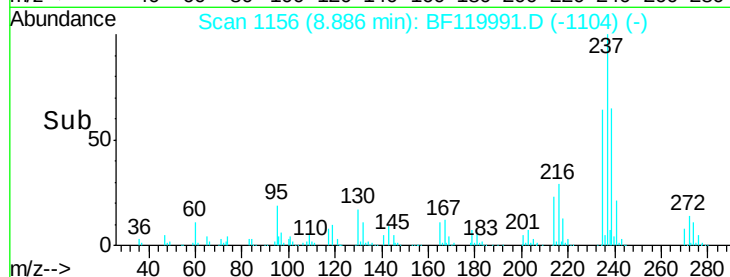
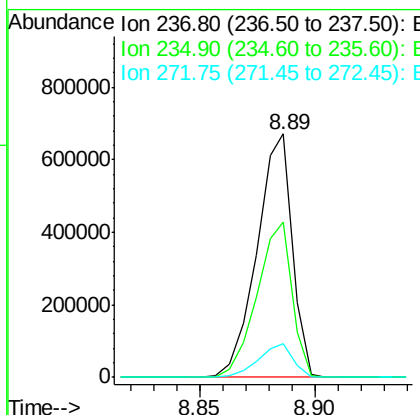
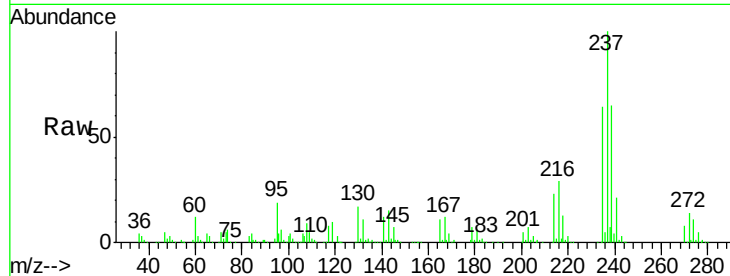
#41
Hexachlorocyclopentadiene
Concen: 103.175 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.9	84.9
272	13.9	0.0	33.6

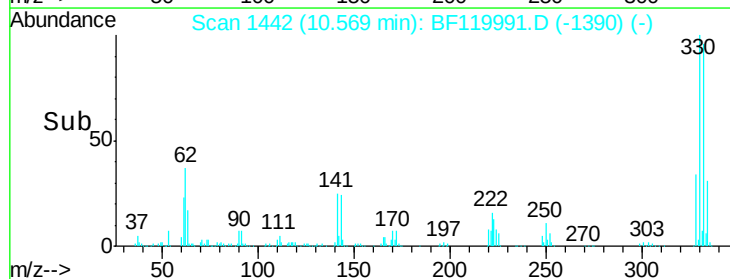
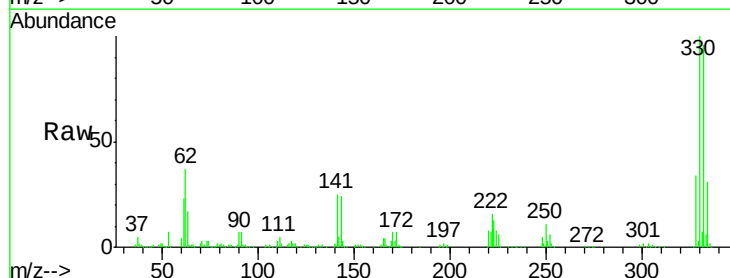
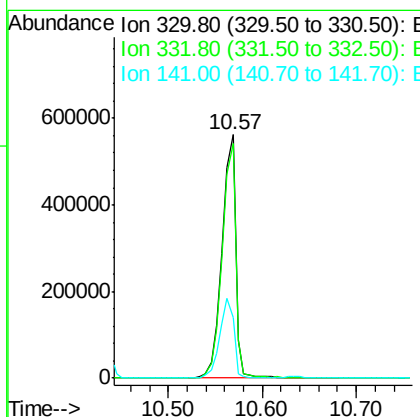
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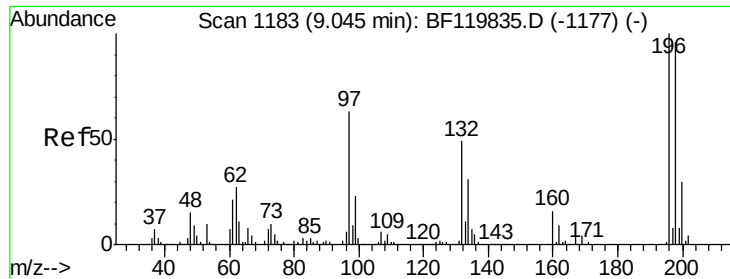
mohammad
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#42
2,4,6-Tribromophenol
Concen: 122.862 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	76.8	115.2
141	33.9	25.1	37.7





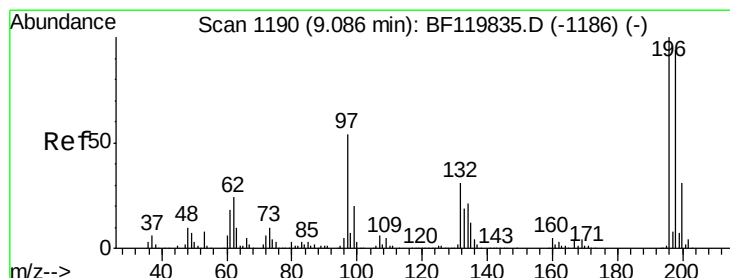
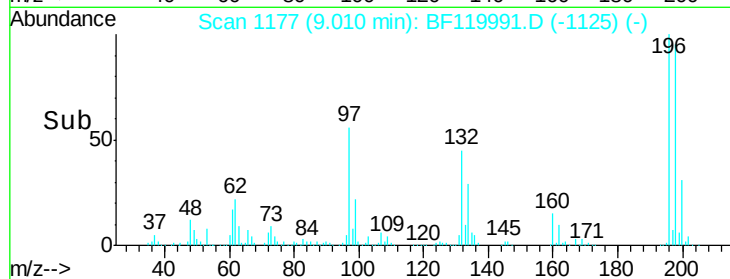
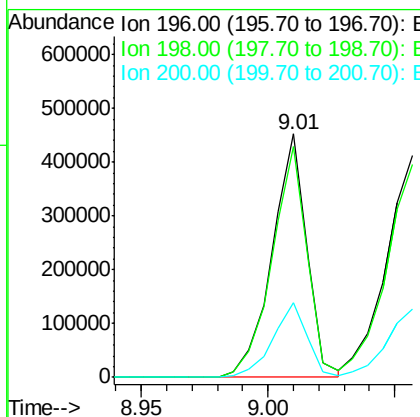
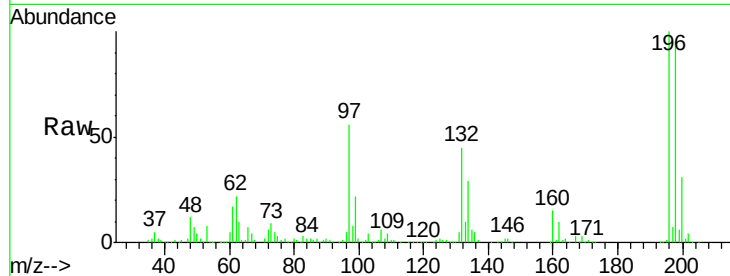
#43
2,4,6-Trichlorophenol
Concen: 50.828 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	426718		
198	94.9	76.6	115.0	
200	30.6	24.2	36.2	

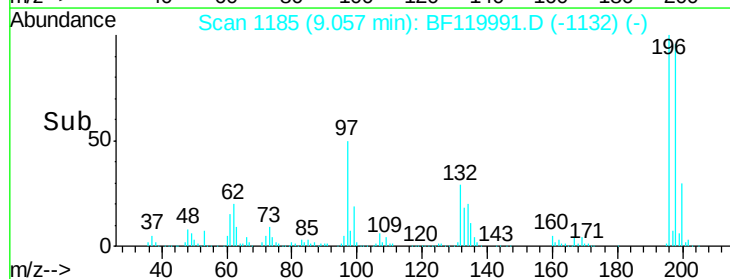
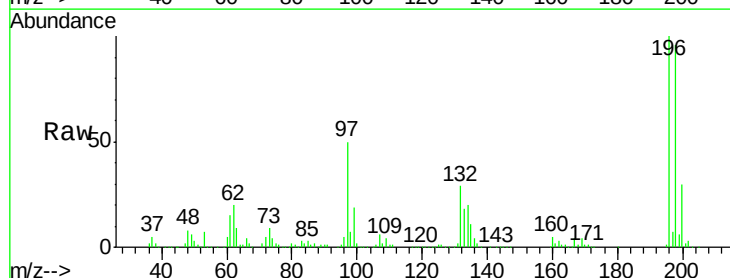
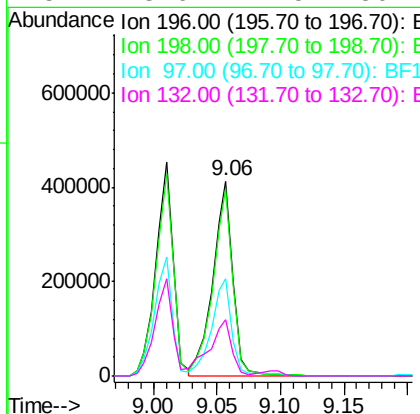
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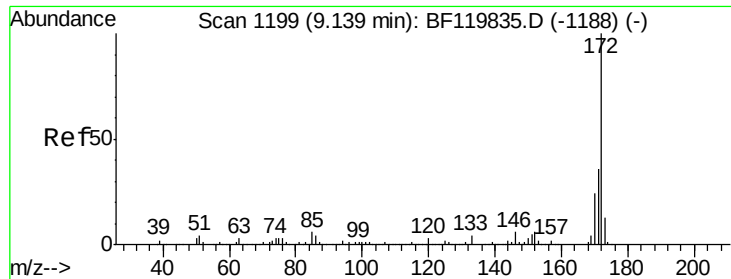
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 48.345 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	457128		
198	95.8	75.1	112.7	
97	49.9	43.4	65.2	
132	28.6	24.5	36.7	





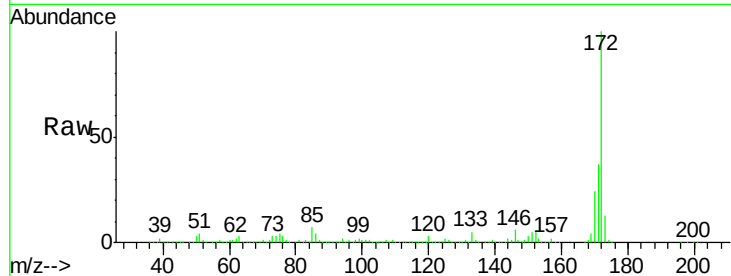
#45
2-Fluorobiphenyl
Concen: 91.628 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

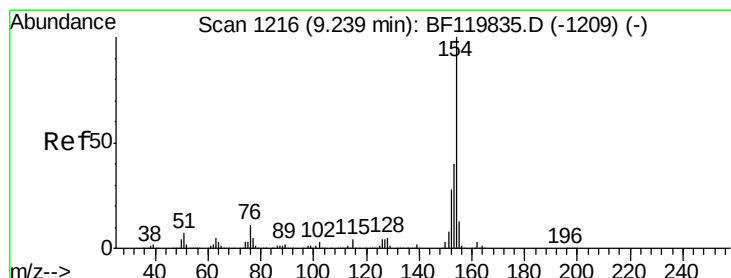
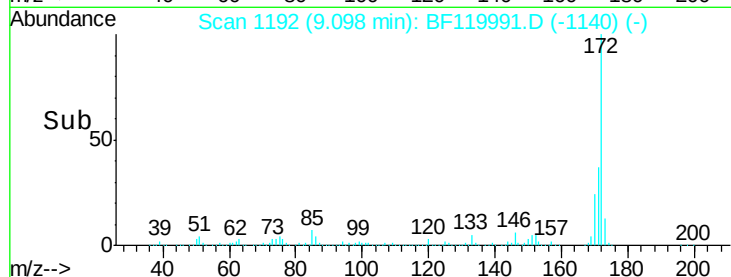
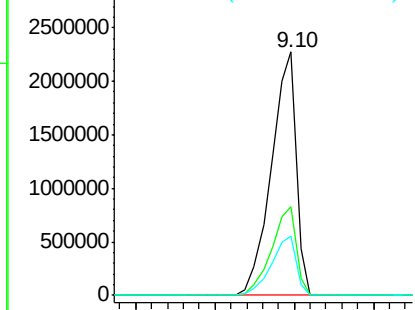
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	19.4	29.2

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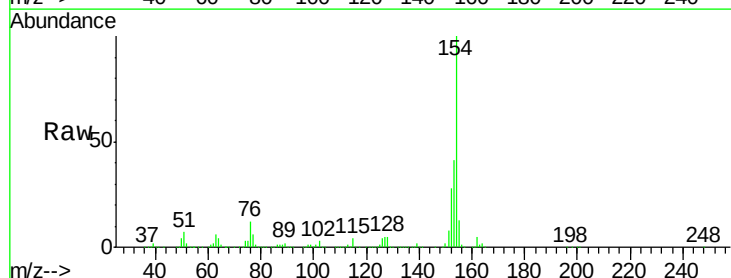


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

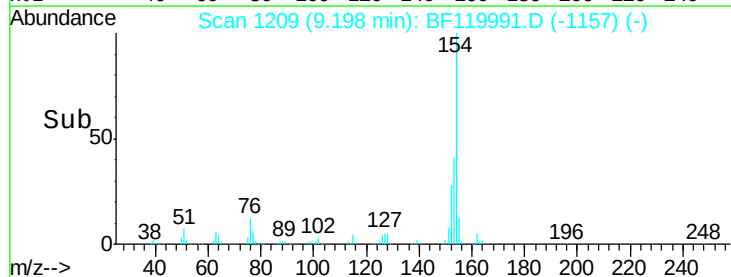
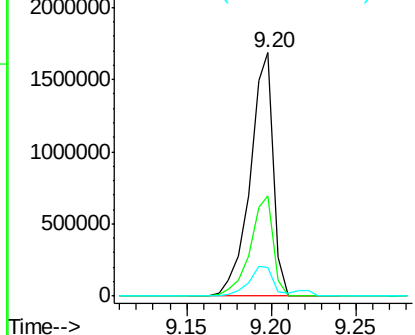


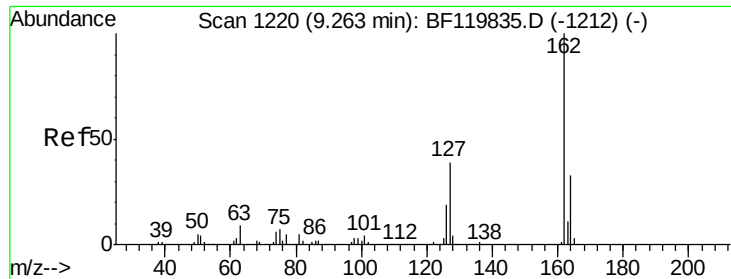
#46
1,1'-Biphenyl
Concen: 49.487 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.5	60.5
76	12.0	0.0	30.6



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





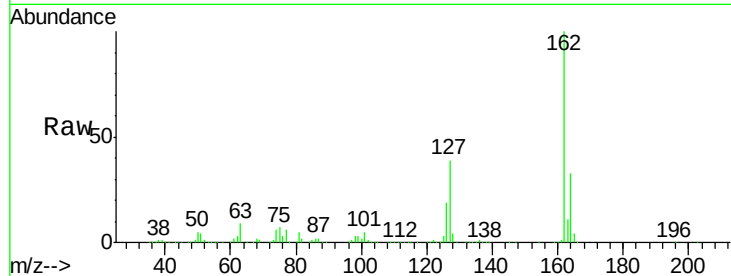
#47
 2-Chloronaphthalene
 Concen: 50.588 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

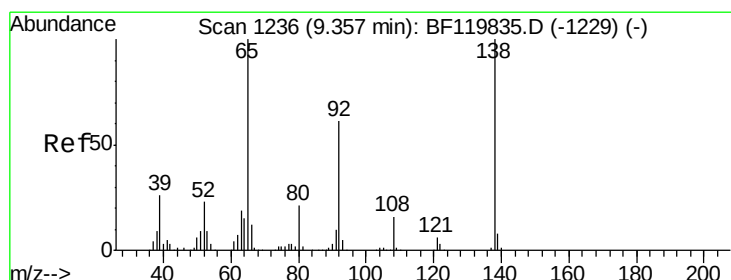
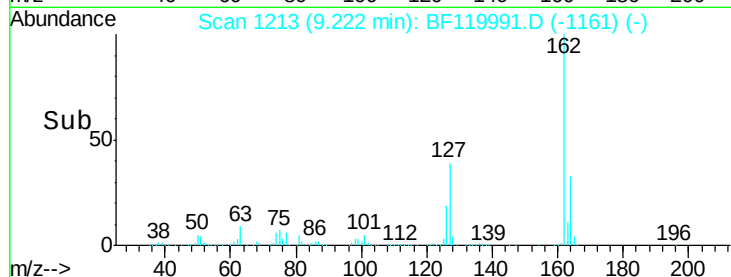
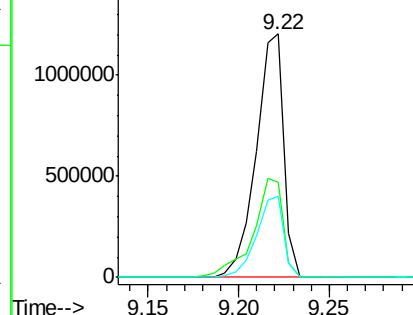
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.5	26.3	39.5

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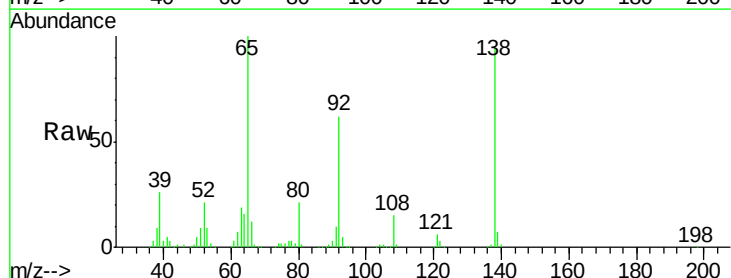


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

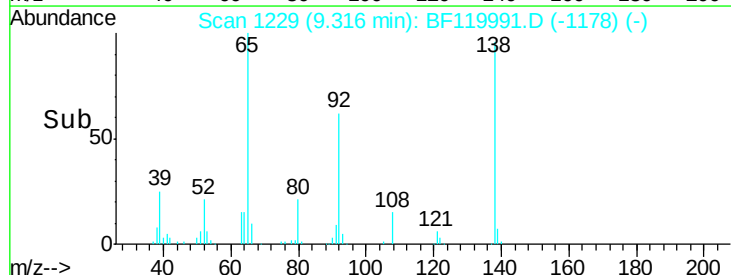
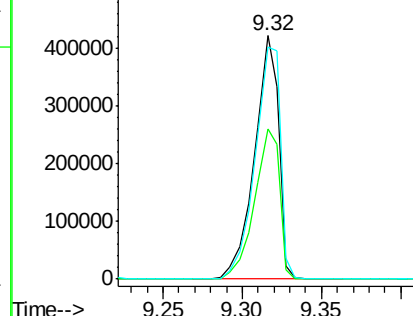


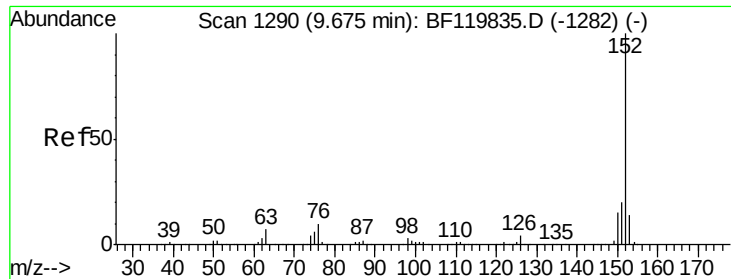
#48
 2-Nitroaniline
 Concen: 48.926 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	49.0	73.6
138	95.4	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: 51.520 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion:152 Resp: 1961038

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

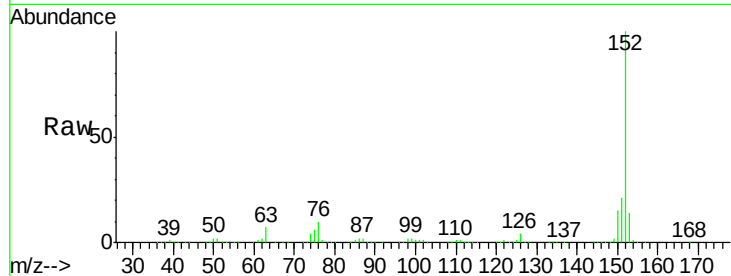
153 13.9 10.9 16.3

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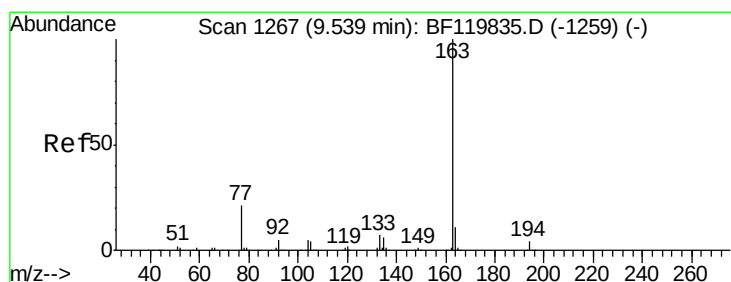
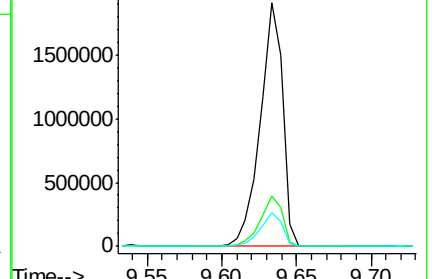
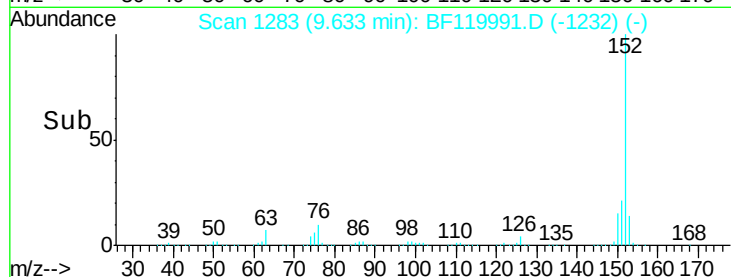
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.630 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

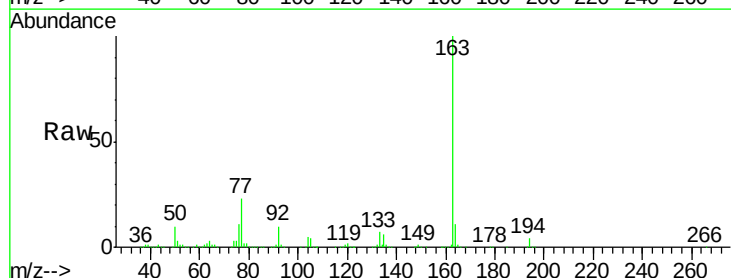
Tgt Ion:163 Resp: 1507432

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

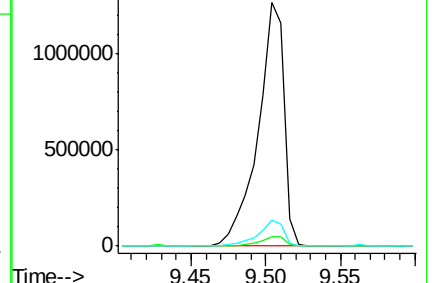
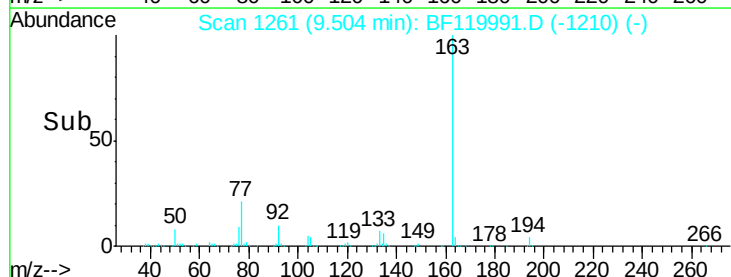
164 10.6 8.4 12.6

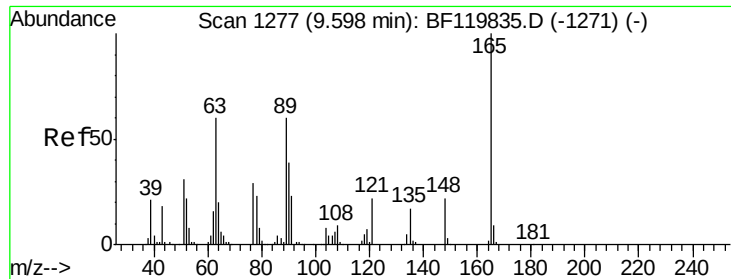


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





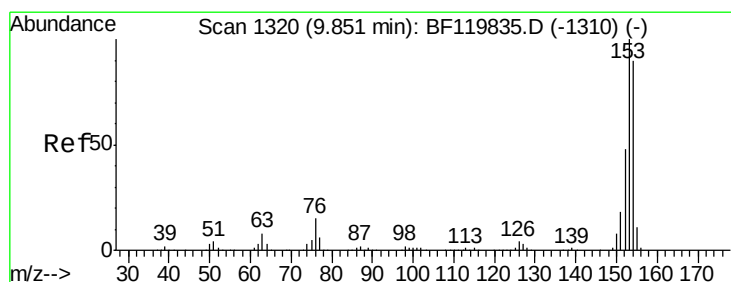
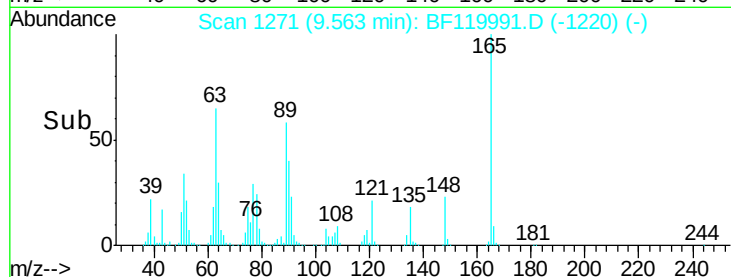
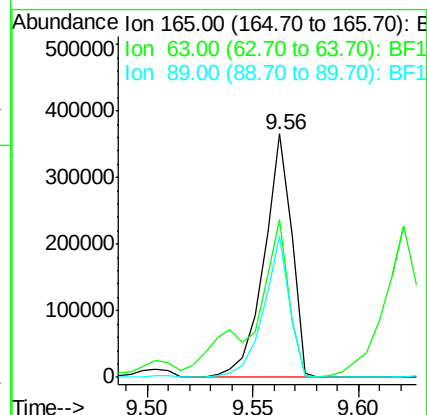
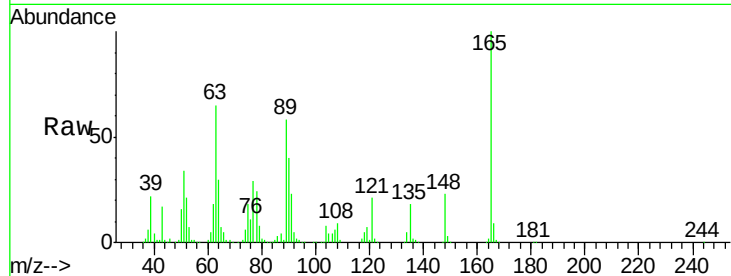
#51
 2,6-Dinitrotoluene
 Concen: 51.023 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:	165	Resp:	332659
Ion Ratio	Lower	Upper	
165	100		
63	65.0	55.6	83.4
89	57.9	47.9	71.9

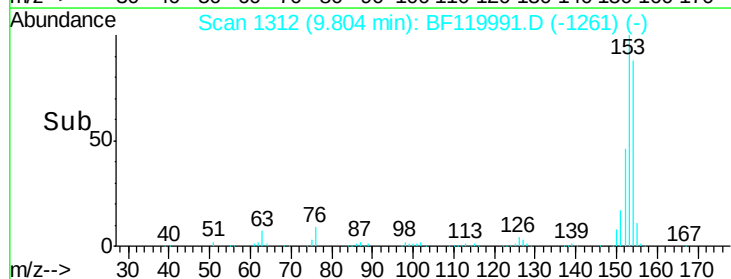
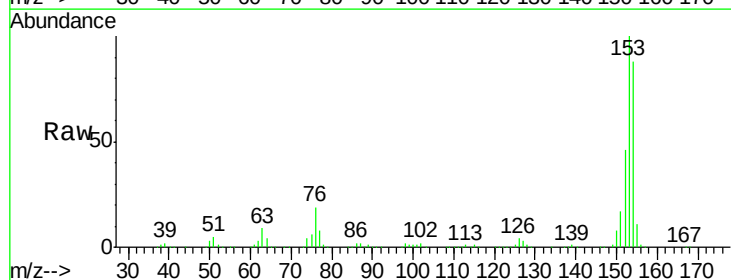
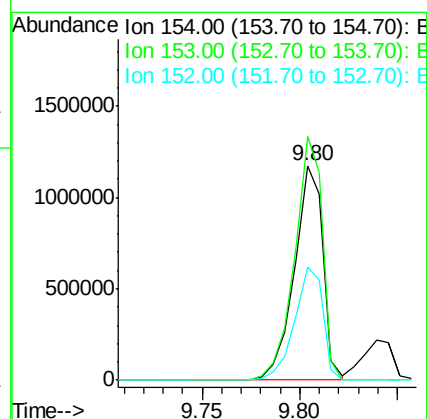
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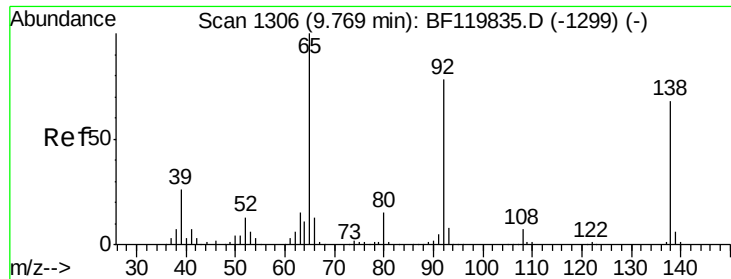
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#52
 Acenaphthene
 Concen: 46.717 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:	154	Resp:	1186176
Ion Ratio	Lower	Upper	
154	100		
153	113.6	88.8	133.2
152	52.7	42.4	63.6





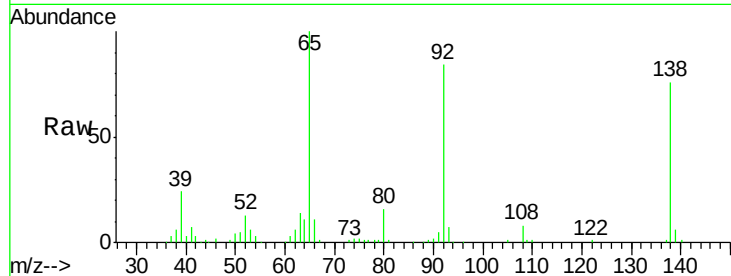
#53
3-Nitroaniline
Concen: 12.666 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

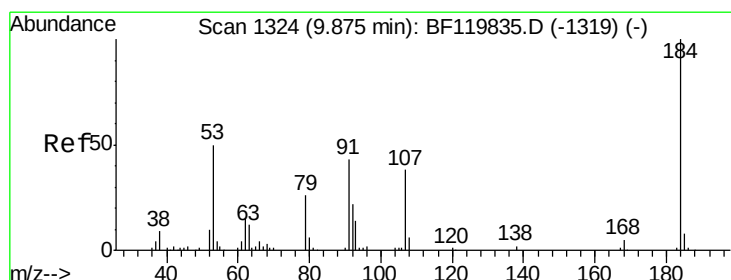
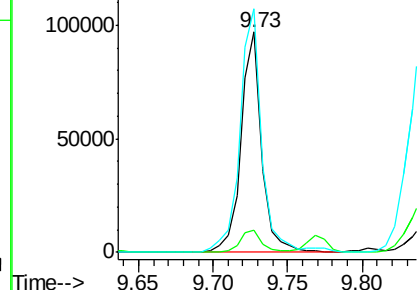
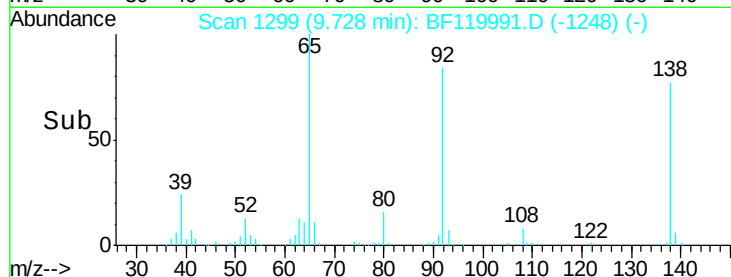
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.0	12.0
92	110.4	92.1	138.1

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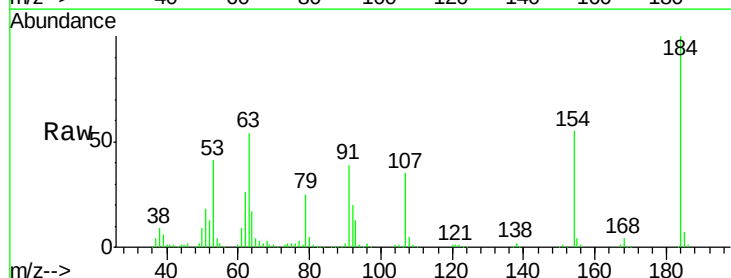


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

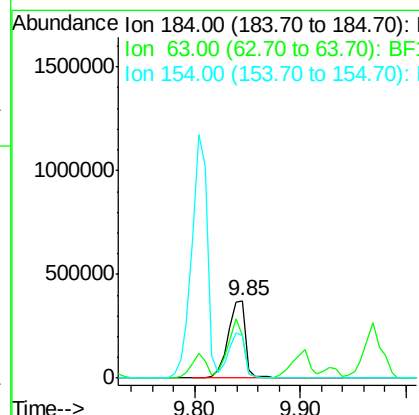
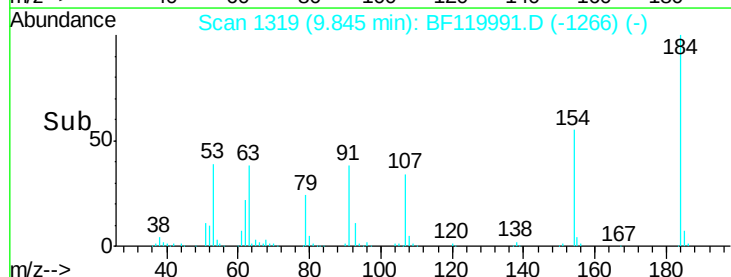


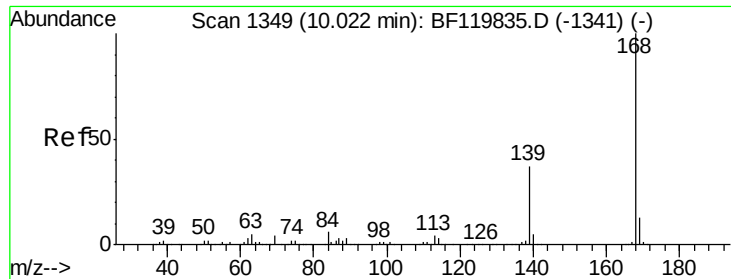
#54
2,4-Dinitrophenol
Concen: 112.089 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	49.8	74.6
154	55.3	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





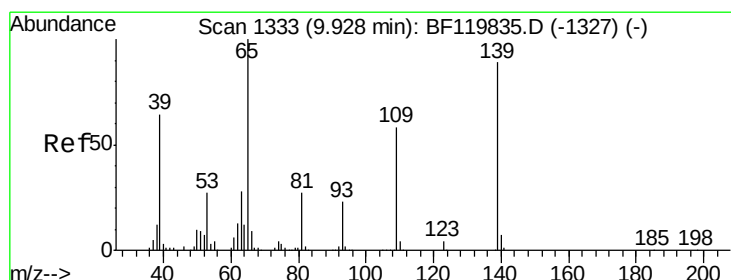
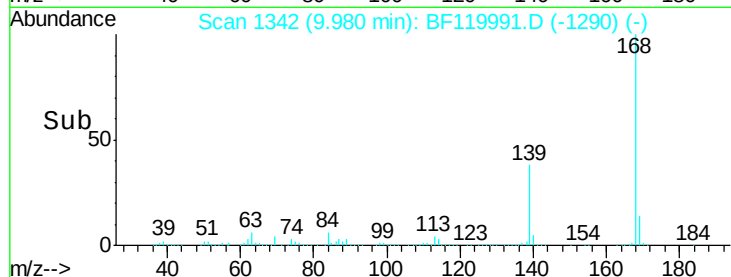
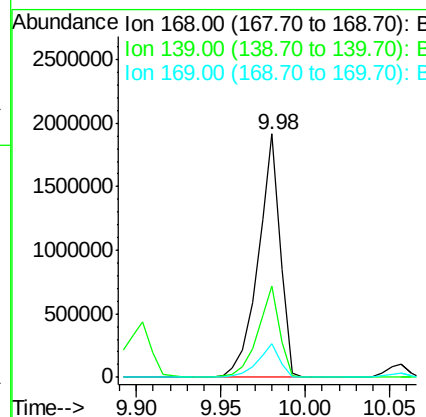
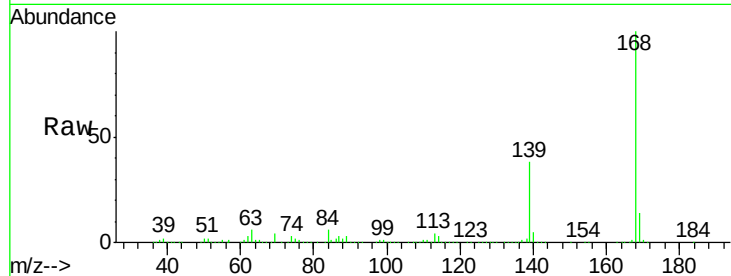
#55
Dibenzofuran
Concen: 50.017 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	14.0	10.6	15.8

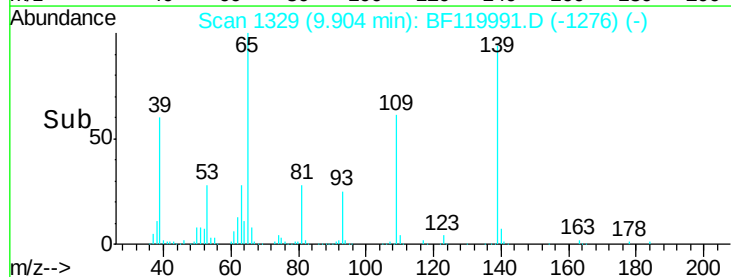
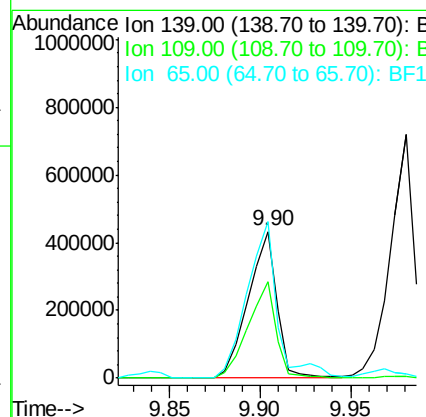
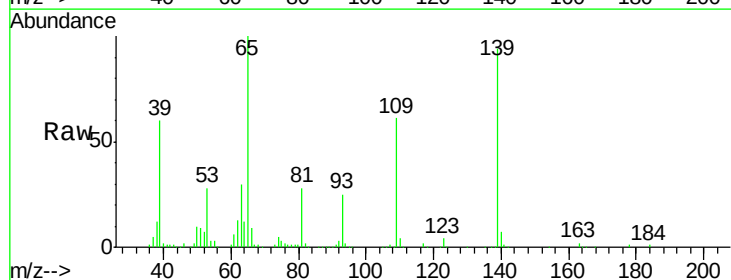
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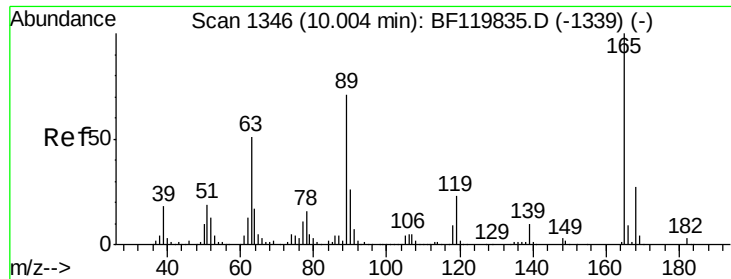
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#56
4-Nitrophenol
Concen: 86.067 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	45.5	85.5
65	106.9	92.3	132.3





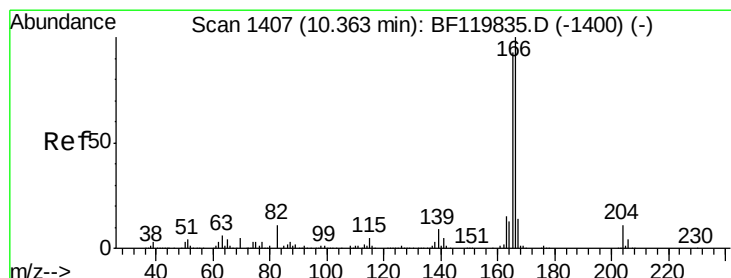
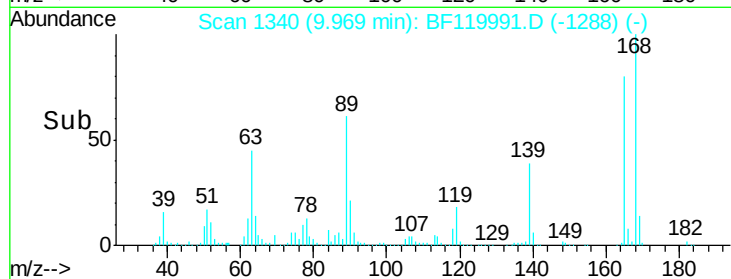
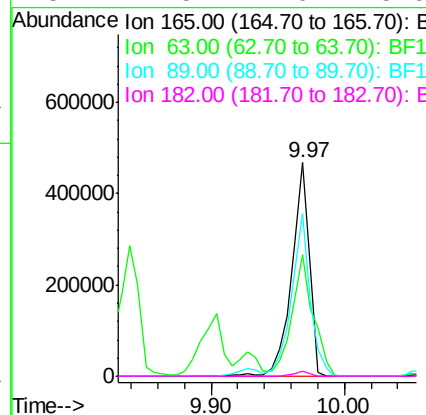
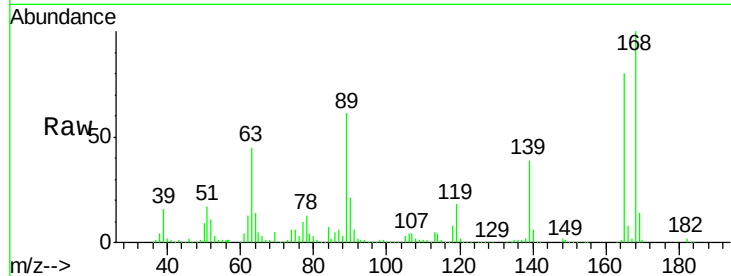
#57
2,4-Dinitrotoluene
Concen: 51.116 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		439086		
63	56.7	40.8	61.2		
89	76.3	56.9	85.3		
182	2.5	2.0	3.0		

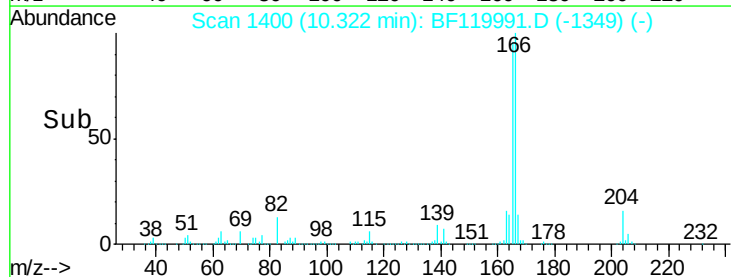
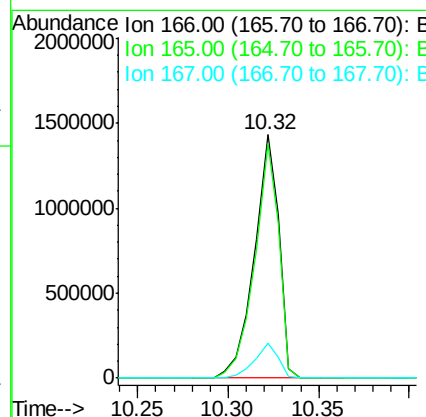
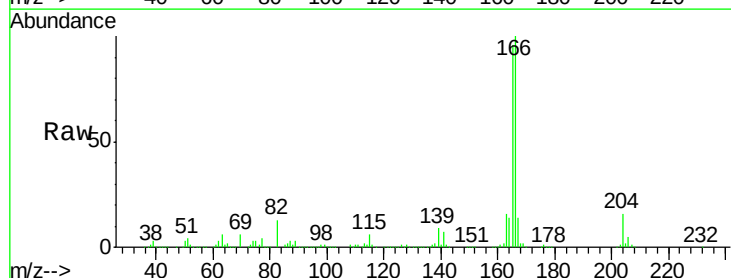
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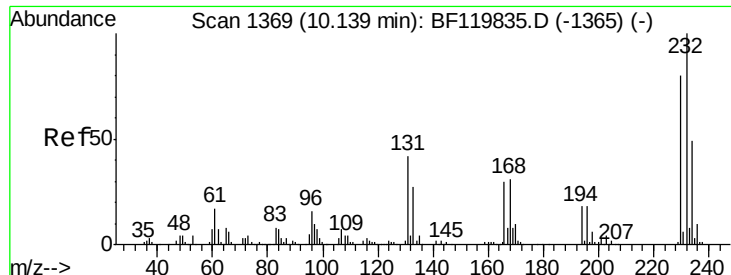
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#58
Fluorene
Concen: 48.356 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1347455		
165	96.2	74.2	111.2		
167	14.2	10.8	16.2		





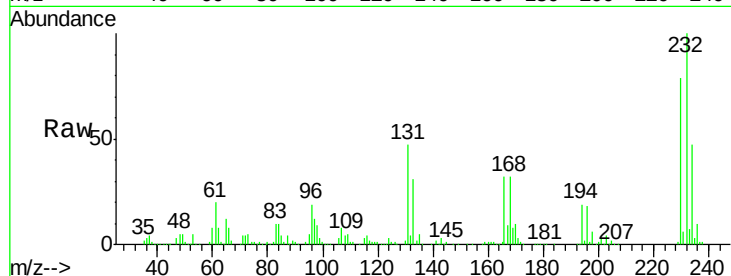
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.396 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.9	56.9
130	2.1	1.8	2.6
166	30.0	25.4	38.0

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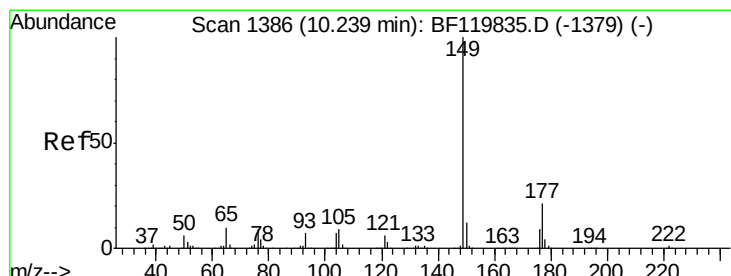
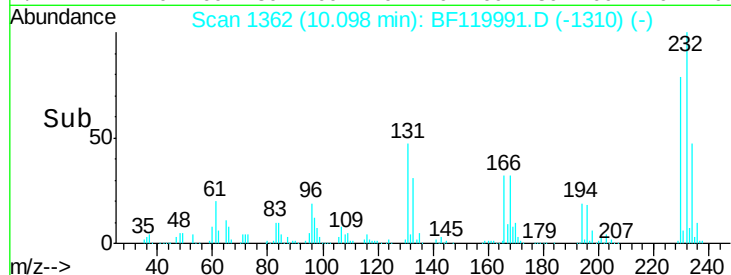
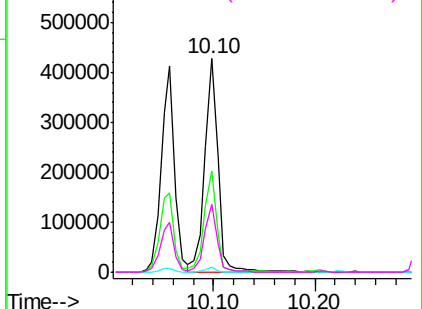
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

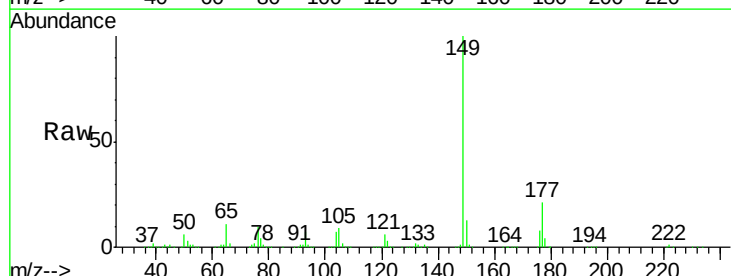
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.381 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.8	25.2
150	12.6	9.8	14.6

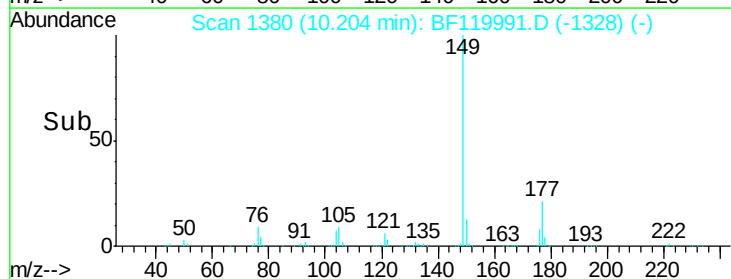
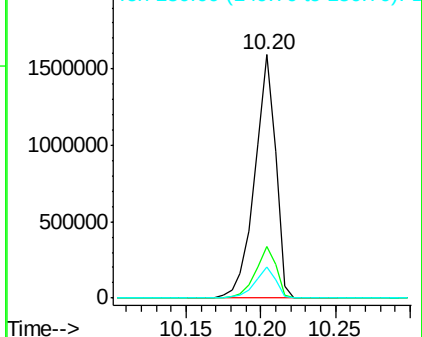


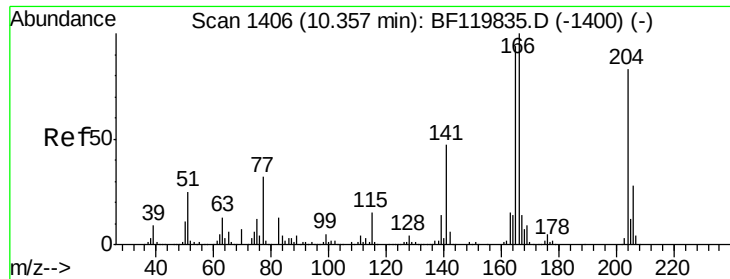
Abundance

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





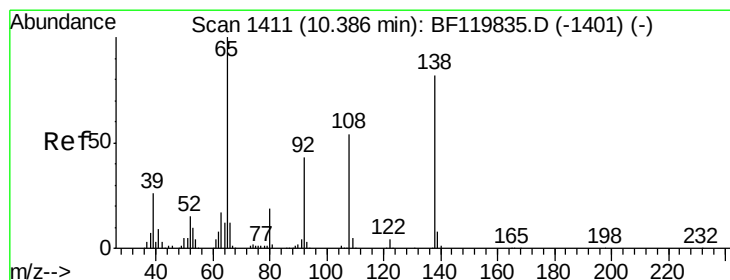
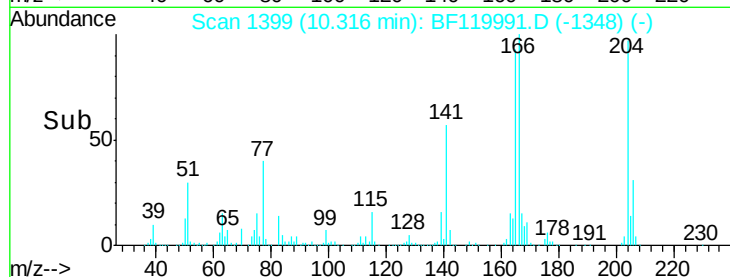
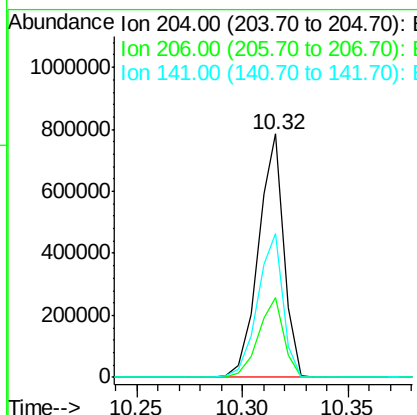
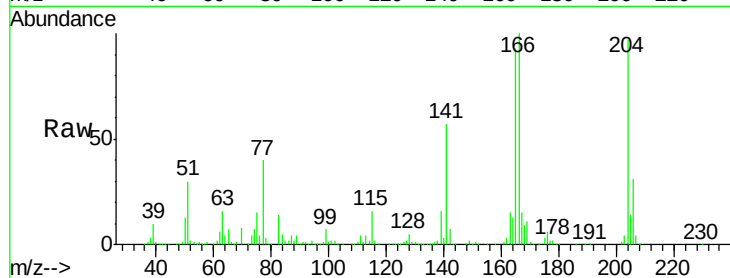
#61
 4-Chlorophenyl-phenylether
 Concen: 45.873 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:	204	Resp:	655152
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.7	40.1
141	59.3	45.8	68.8

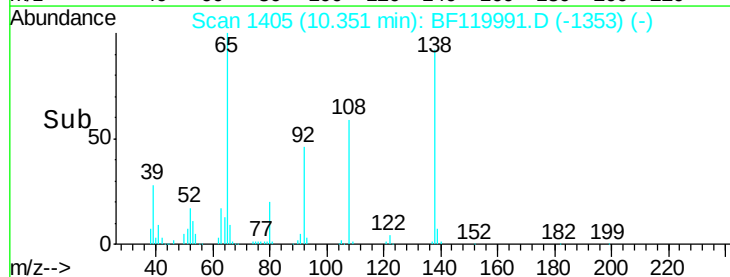
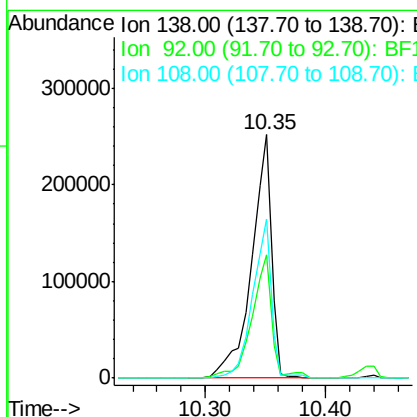
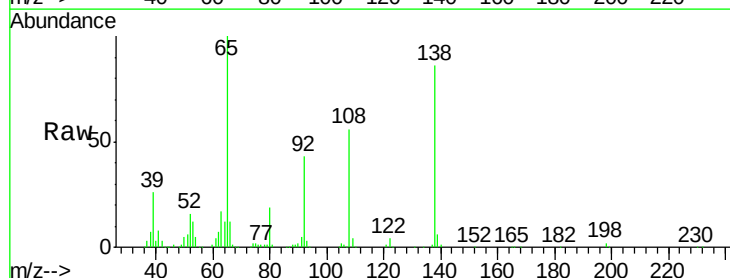
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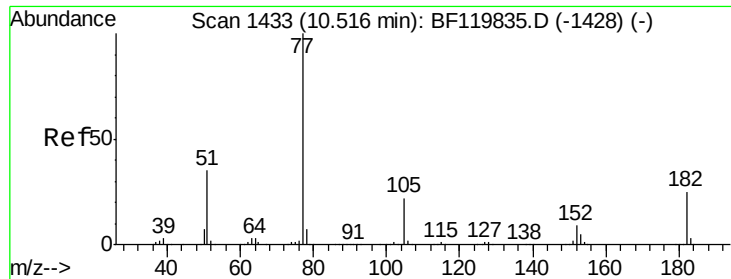
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#62
 4-Nitroaniline
 Concen: 41.104 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:	138	Resp:	291690
Ion Ratio	Lower	Upper	
138	100		
92	50.7	31.6	71.6
108	65.6	45.2	85.2





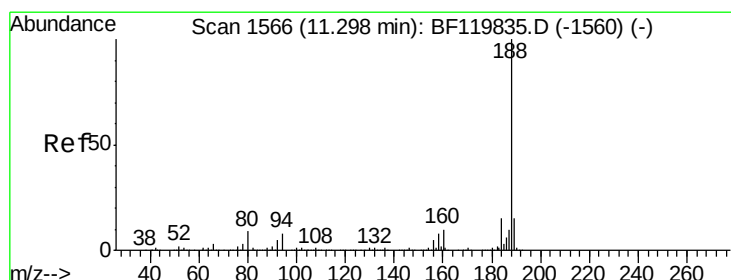
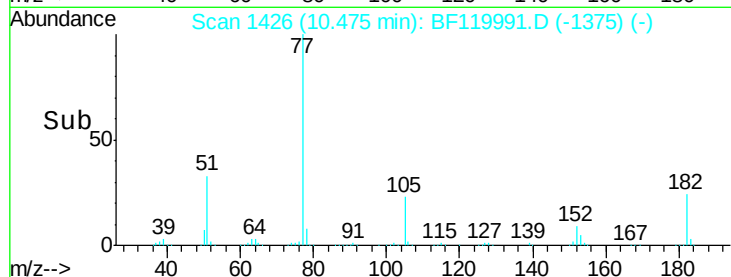
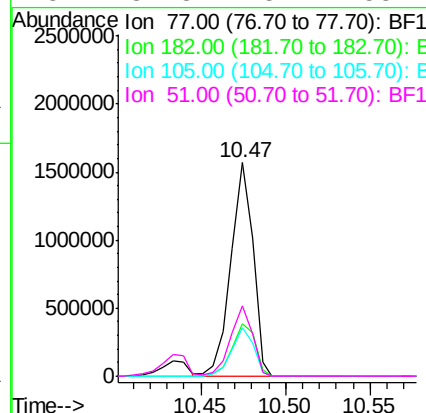
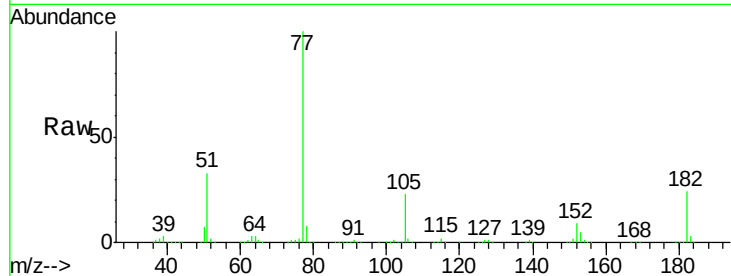
#63
Azobenzene
Concen: 51.920 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	77	Resp	1435823
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.5	44.5
105	22.7	2.2	42.2
51	32.8	15.1	55.1

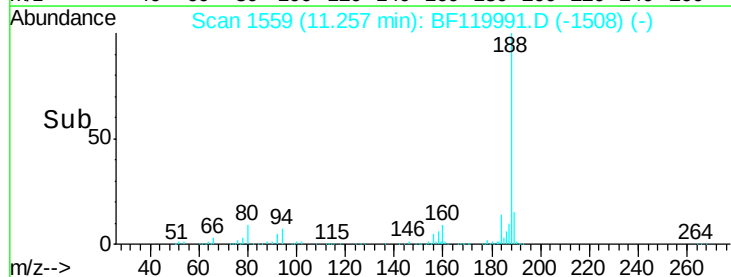
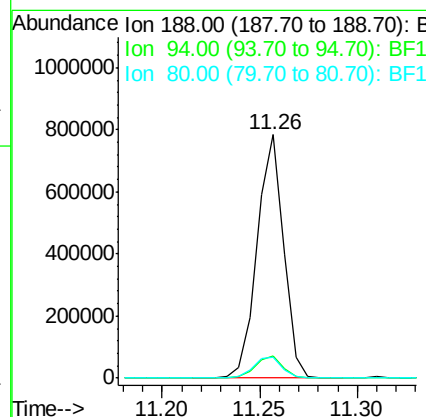
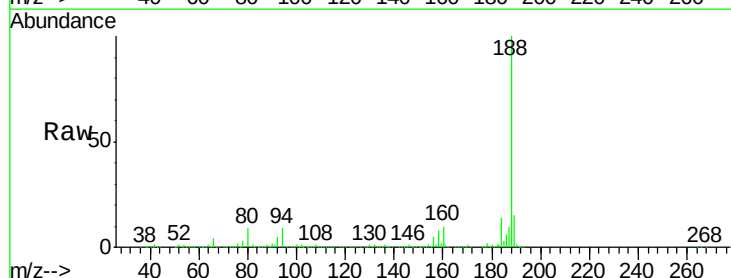
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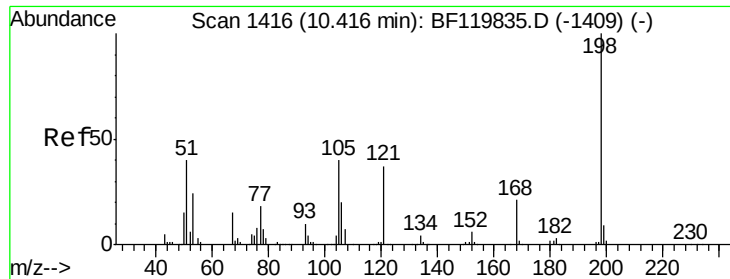
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	188	Resp	738775
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	8.7	7.4	11.2





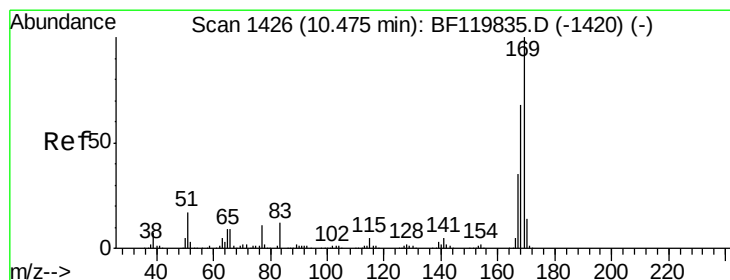
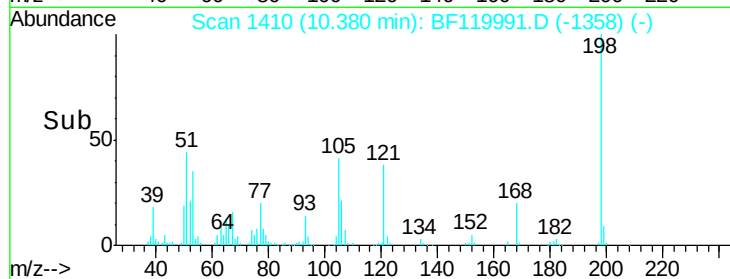
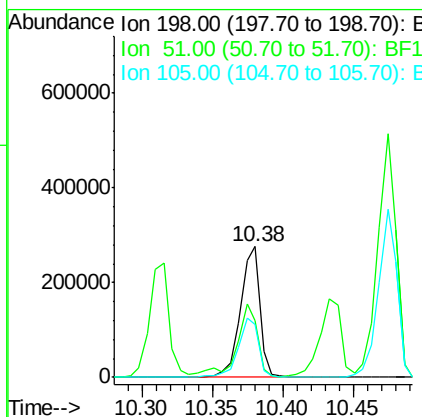
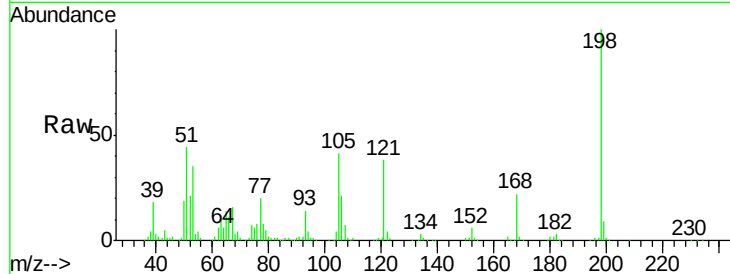
#65
4,6-Dinitro-2-methylphenol
Concen: 54.974 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	267566		
51	43.8	25.2	65.2	
105	40.5	20.8	60.8	

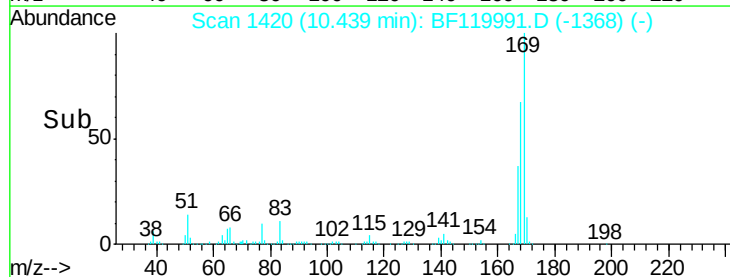
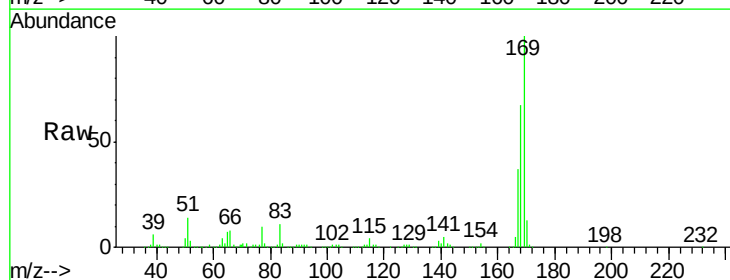
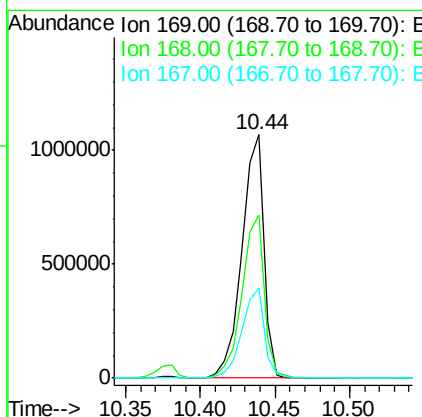
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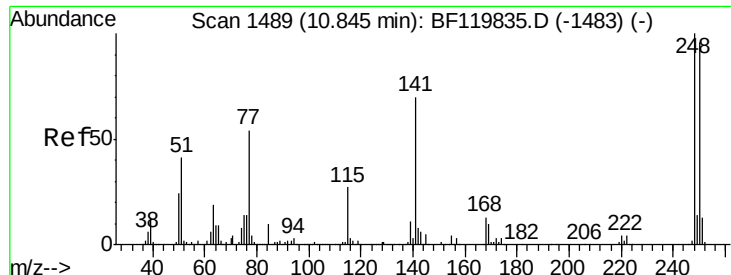
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#66
n-Nitrosodiphenylamine
Concen: 44.453 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1092194		
168	66.9	54.2	81.4	
167	36.8	28.3	42.5	





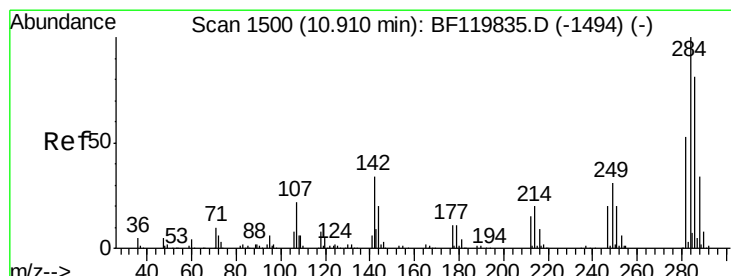
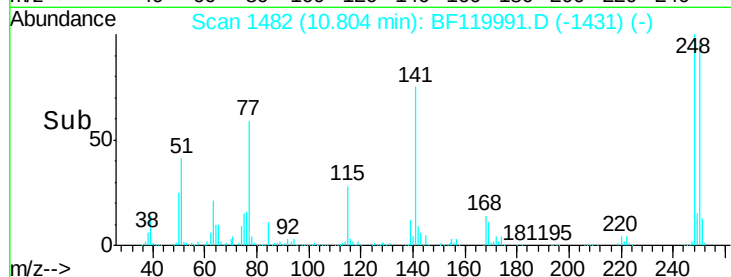
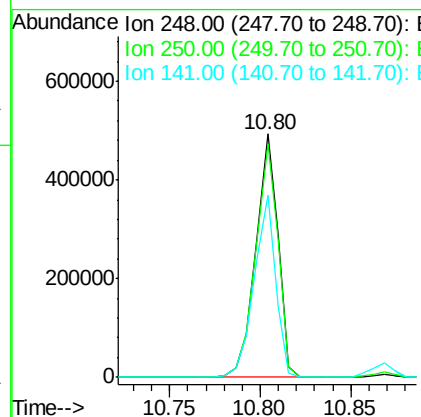
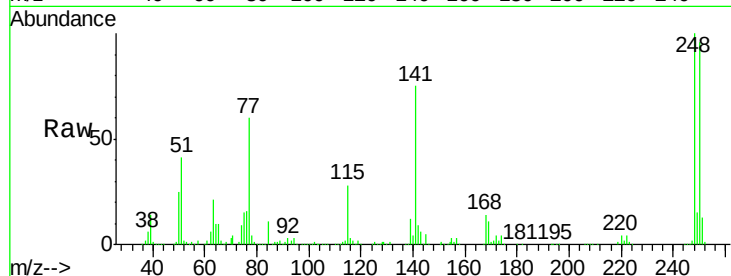
#67
 4-Bromophenyl-phenylether
 Concen: 45.741 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:	248	Resp:	420244
Ion Ratio	Lower	Upper	
248	100		
250	95.8	76.6	114.8
141	74.8	55.9	83.9

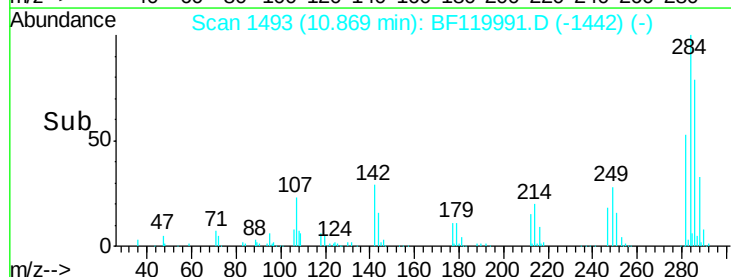
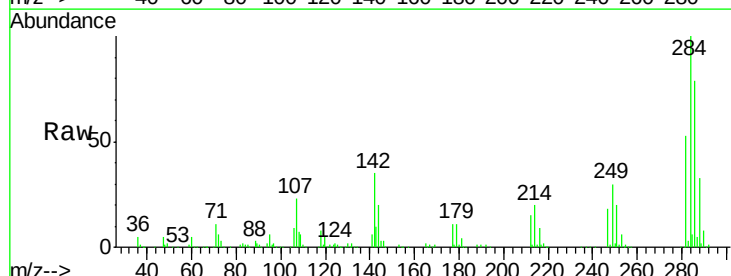
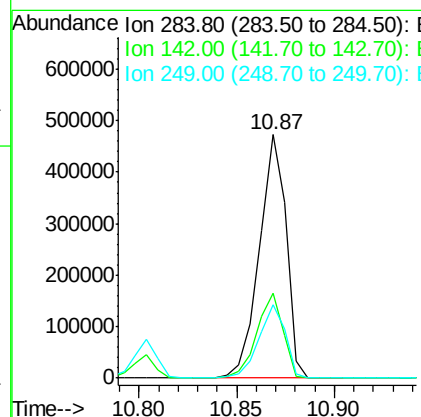
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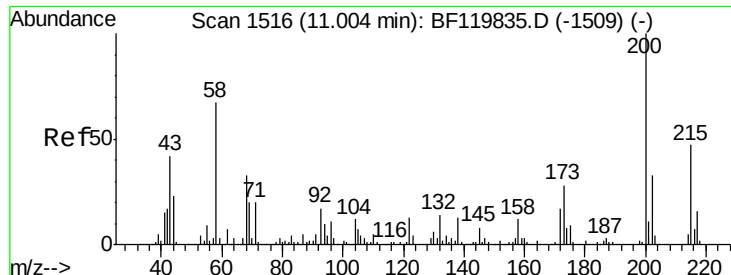
mohammad
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#68
 Hexachlorobenzene
 Concen: 48.232 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:	284	Resp:	449539
Ion Ratio	Lower	Upper	
284	100		
142	34.6	26.9	40.3
249	30.3	24.6	37.0





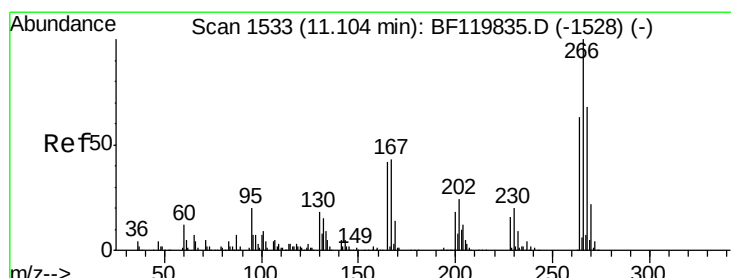
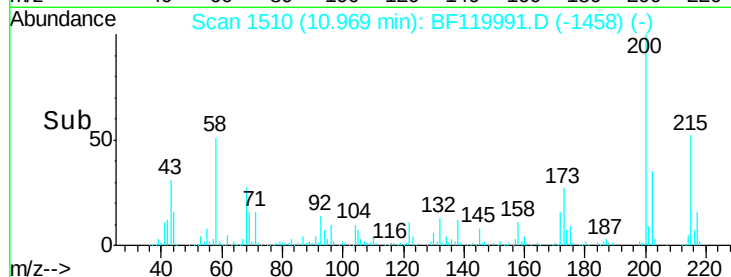
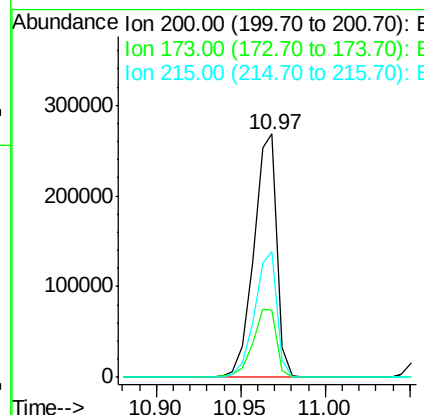
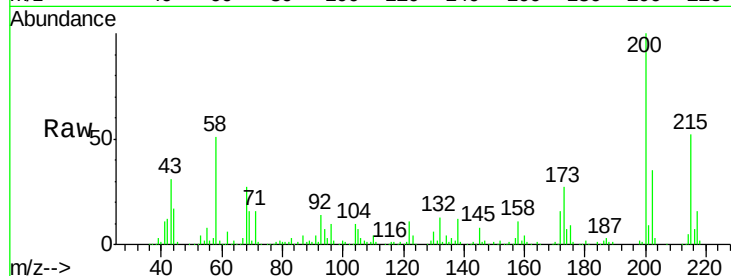
#69
Atrazine
Concen: 37.480 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	8.0	48.0
215	51.6	27.1	67.1

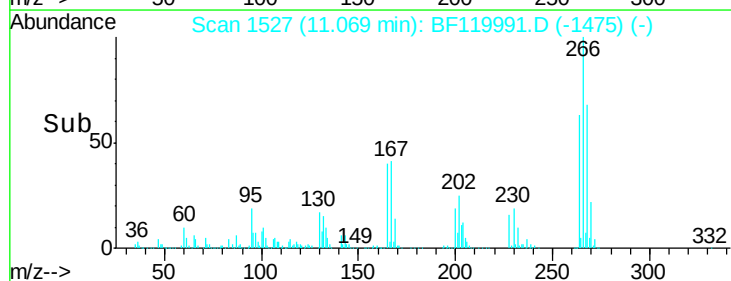
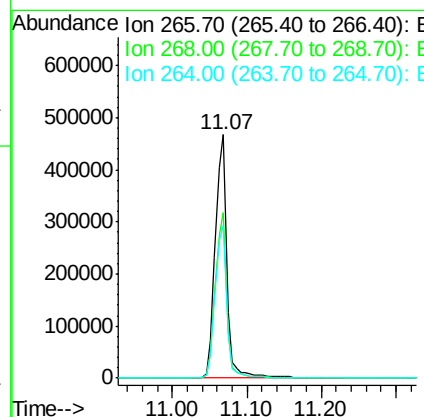
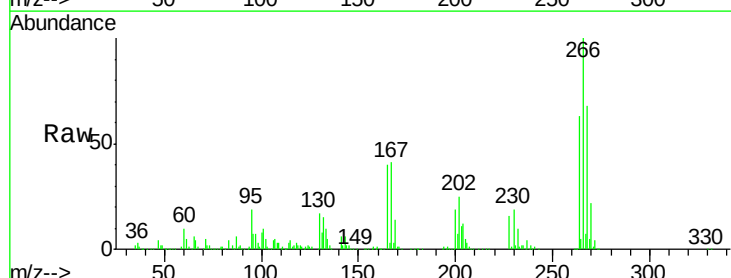
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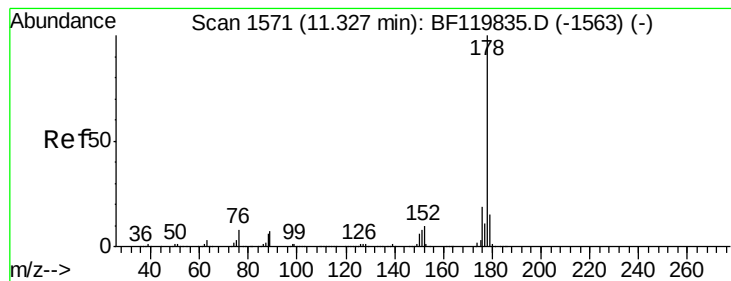
mohammad
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#70
Pentachlorophenol
Concen: 94.237 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.1	54.2	81.4
264	62.8	50.6	76.0





#71

Phenanthrene

Concen: 50.178 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion:178 Resp: 1972939

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

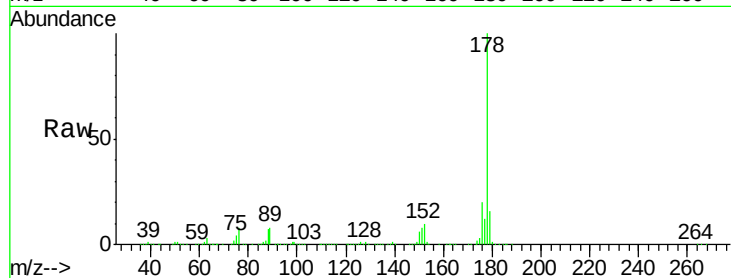
179 15.6 12.2 18.4

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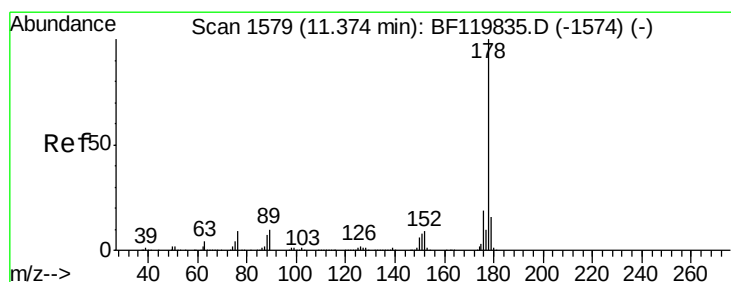
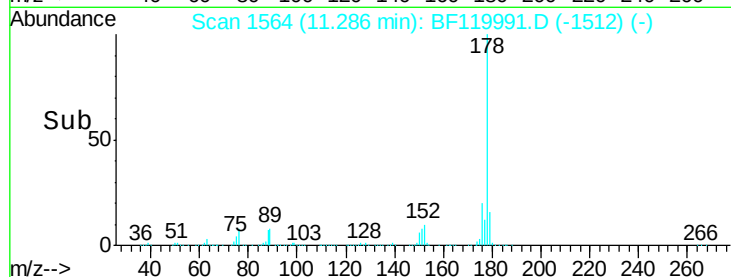
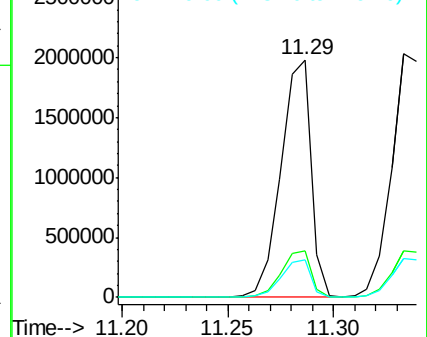
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.810 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion:178 Resp: 2040854

Ion Ratio Lower Upper

178 100

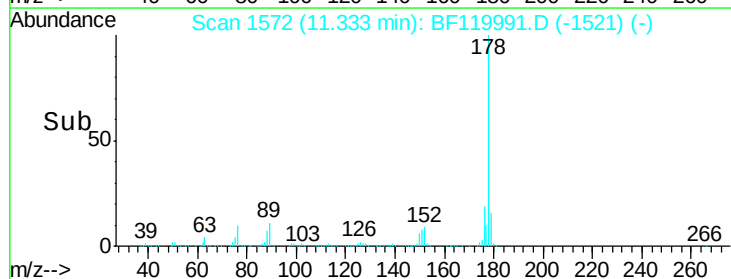
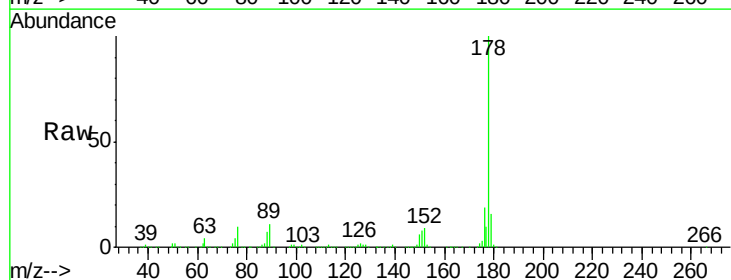
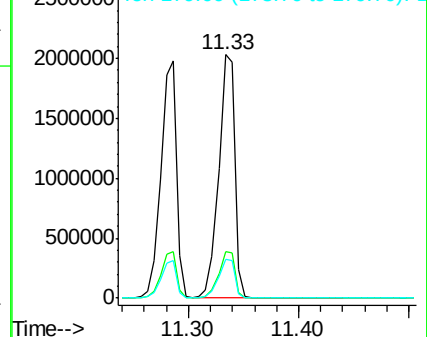
176 19.0 15.4 23.2

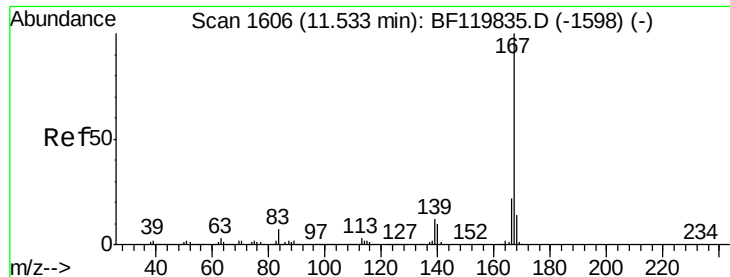
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





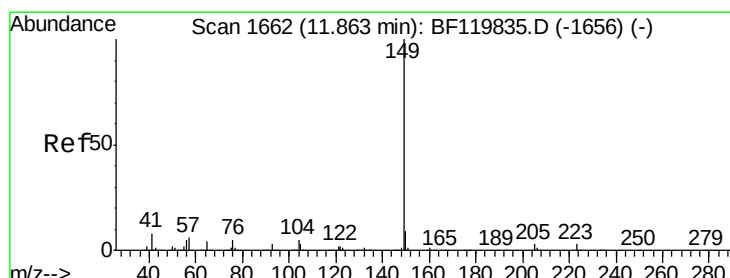
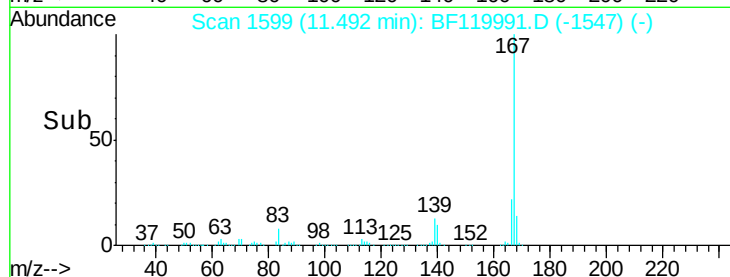
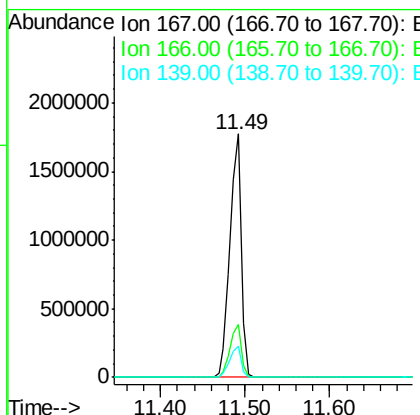
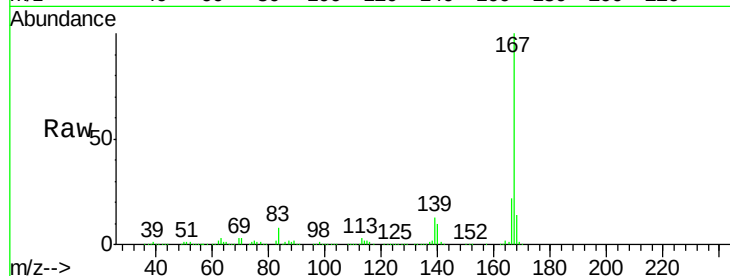
#73
 Carbazole
 Concen: 43.191 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:167 Resp: 1640544
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.7 9.8 14.8

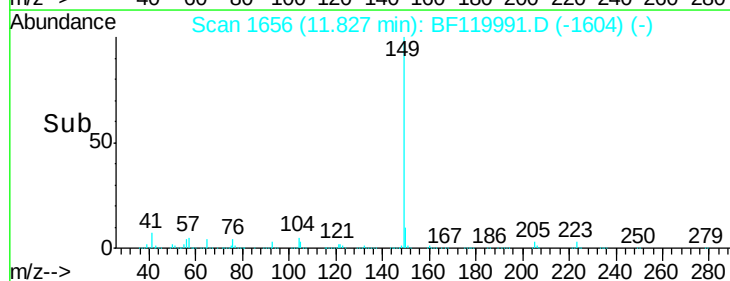
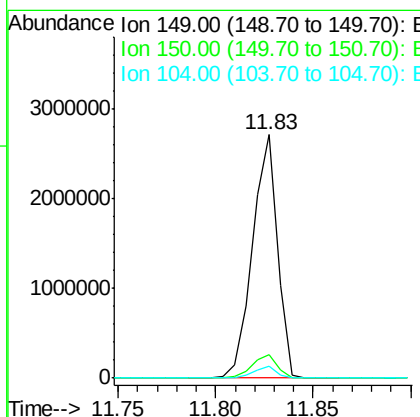
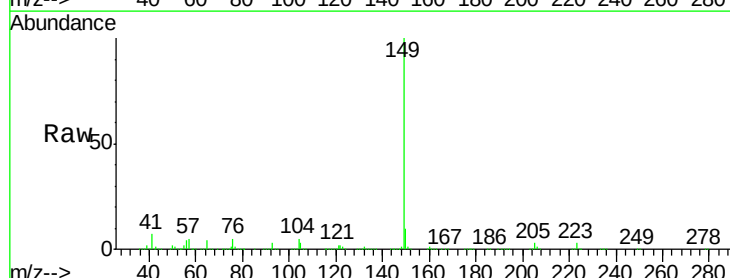
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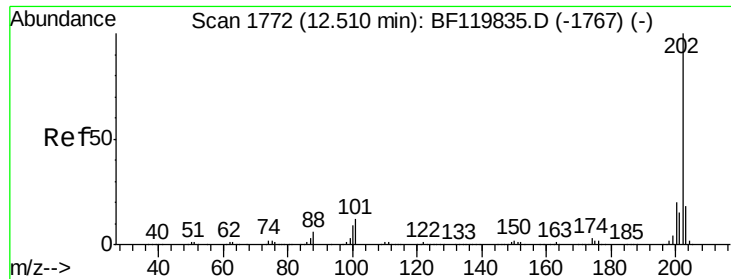
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#74
 Di-n-butylphthalate
 Concen: 48.092 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:149 Resp: 2401405
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.7 3.8 5.6





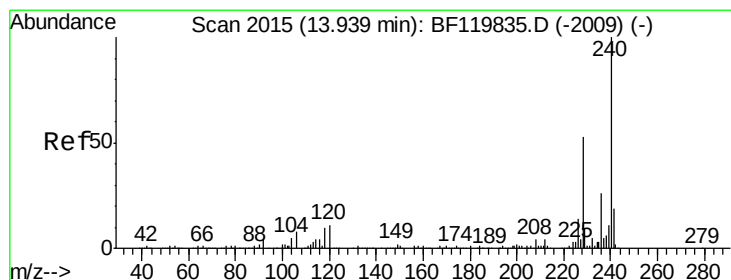
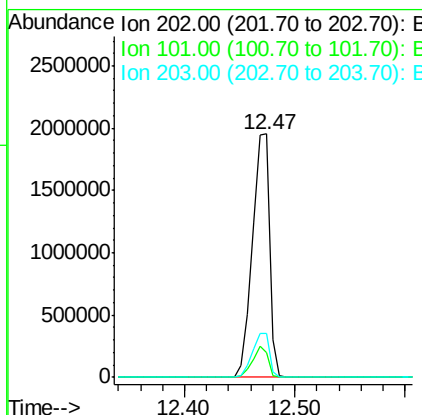
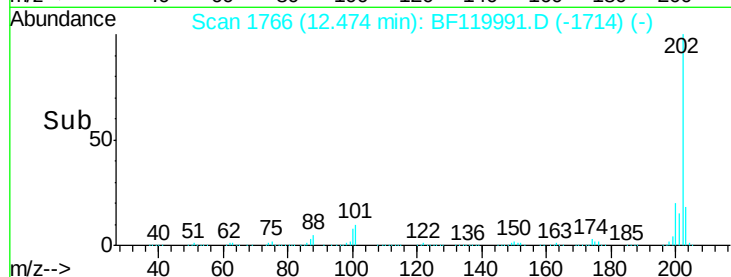
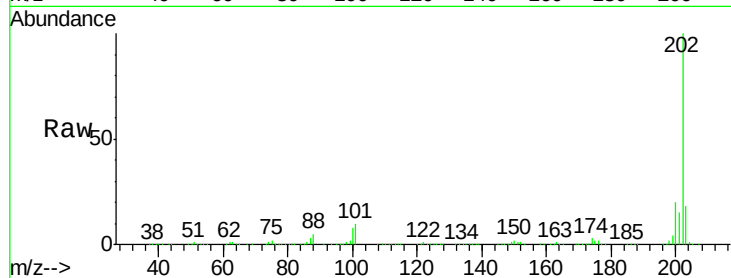
#75
Fluoranthene
Concen: 50.687 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.3
203	18.1	0.0	37.6

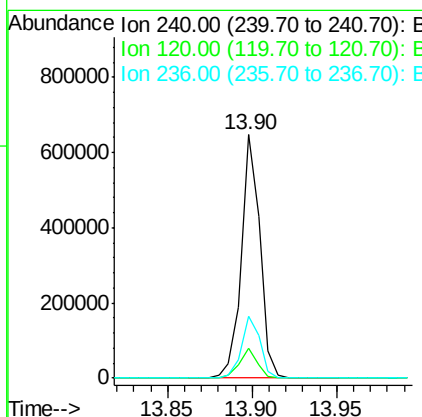
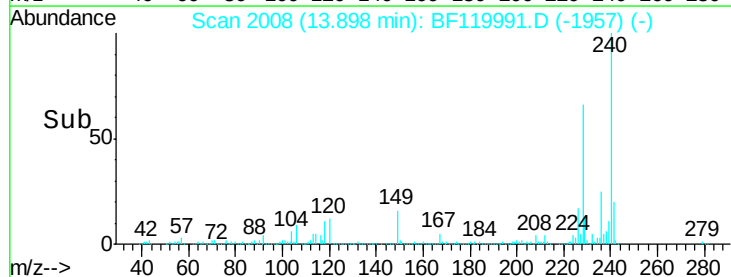
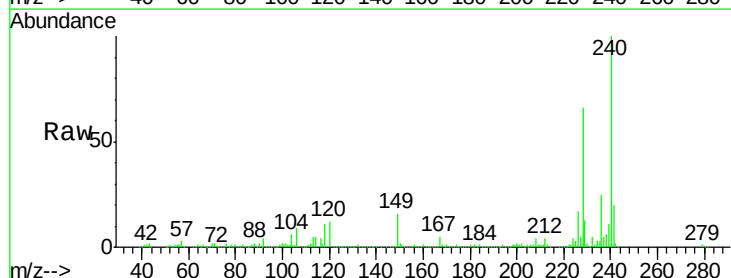
Manual Integrations
APPROVED

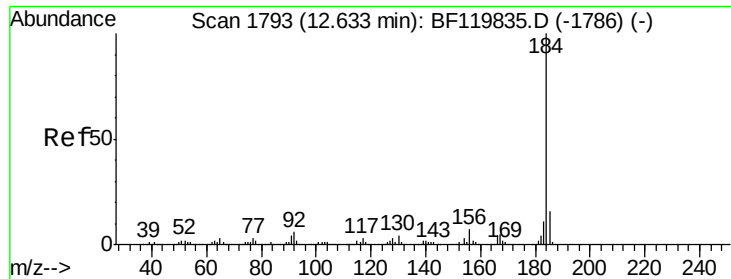
mohammad
4/16/2020 12:52:47 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.3	20.7	31.1





#77

Benzidine

Concen: 2.003 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

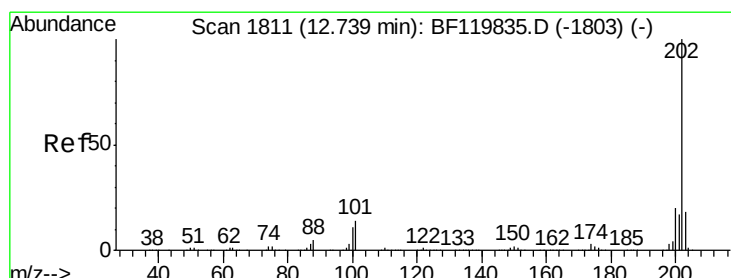
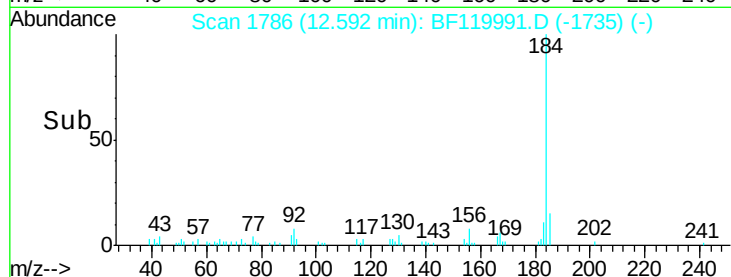
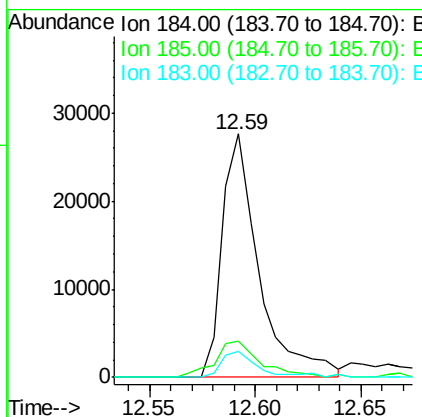
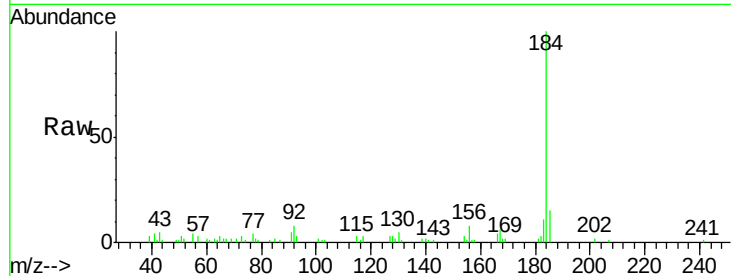
ClientSampleId :

CL-01-041020MS

Tot Ion:	184	Resp:	33382
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.2	19.8
183	10.8	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 51.368 ng

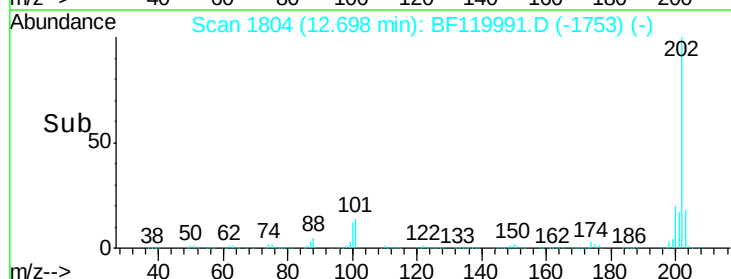
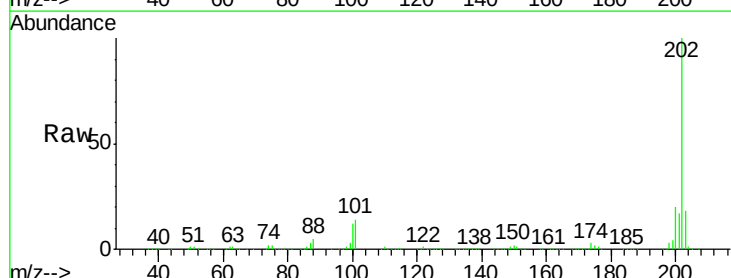
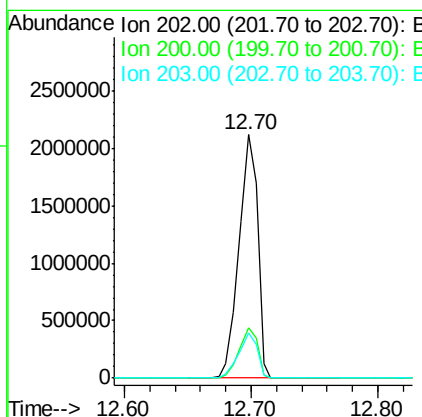
RT: 12.70 min Scan# 1804

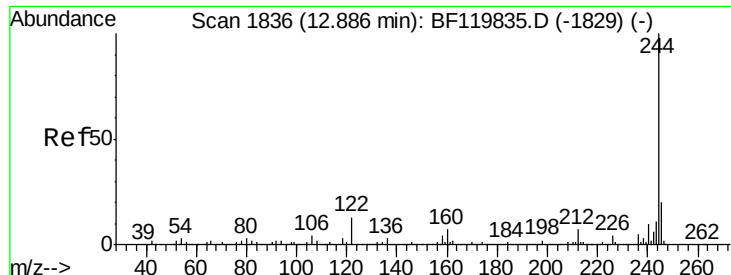
Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion:	202	Resp:	2135053
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.2	24.2
203	18.5	14.1	21.1





#79

Terphenyl-d14

Concen: 93.147 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion:244 Resp: 2729319

Ion Ratio Lower Upper

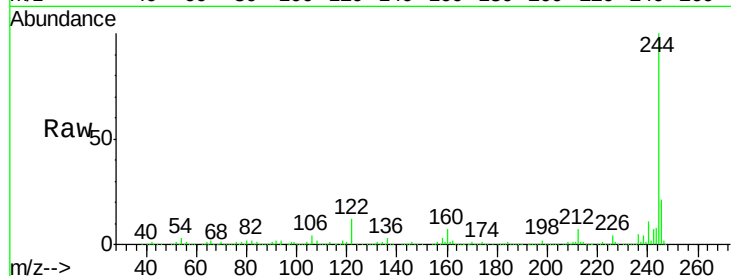
244 100

212 6.9 5.4 8.0

122 12.2 10.3 15.5

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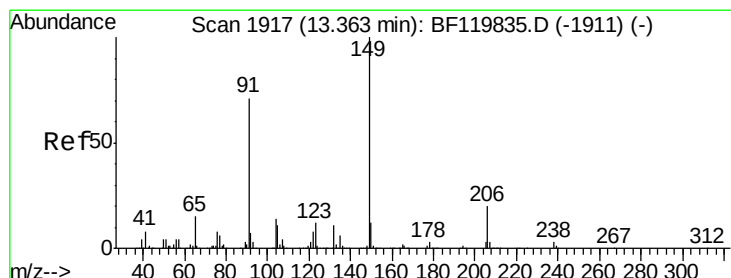
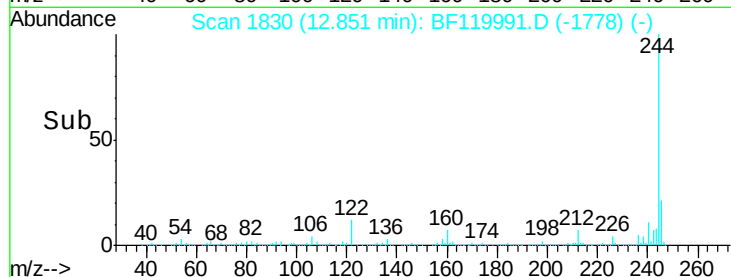
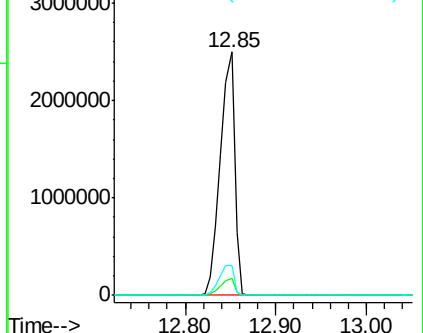
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.110 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

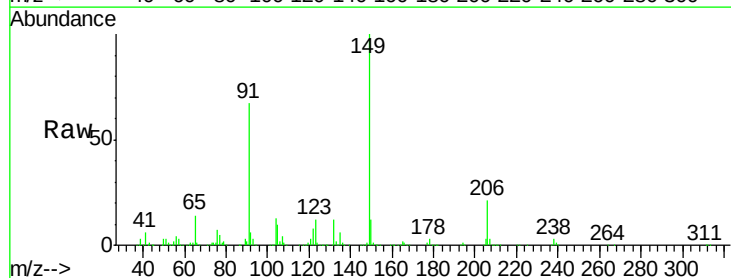
Tgt Ion:149 Resp: 1010637

Ion Ratio Lower Upper

149 100

91 66.6 56.7 85.1

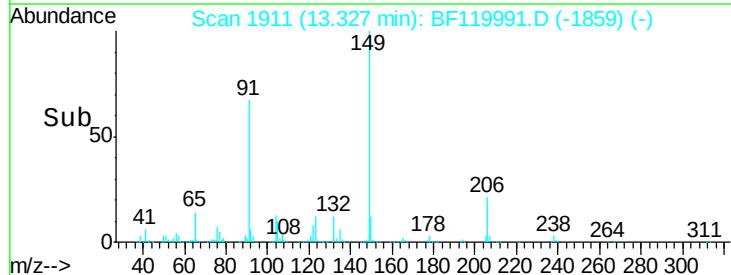
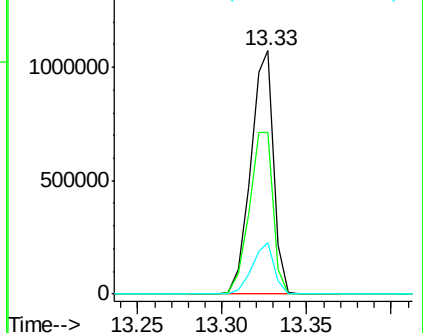
206 21.3 15.7 23.5

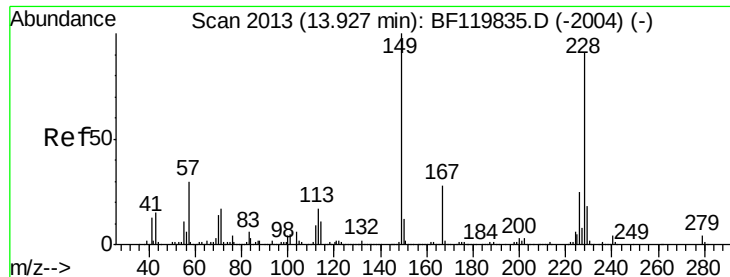


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.416 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion:228 Resp: 1602822

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

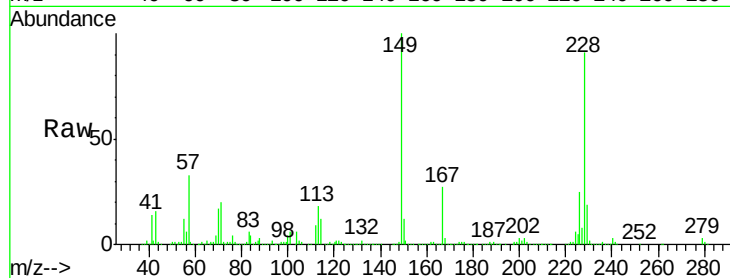
229 20.5 15.9 23.9

Manual Integrations

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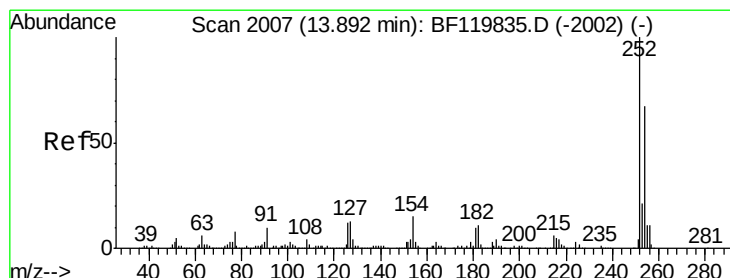
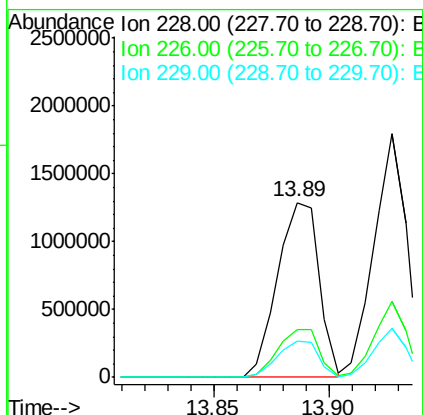
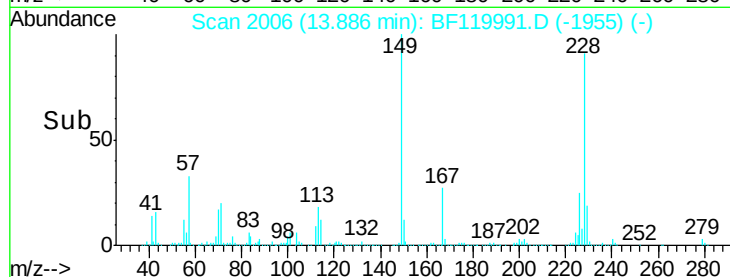
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.929 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

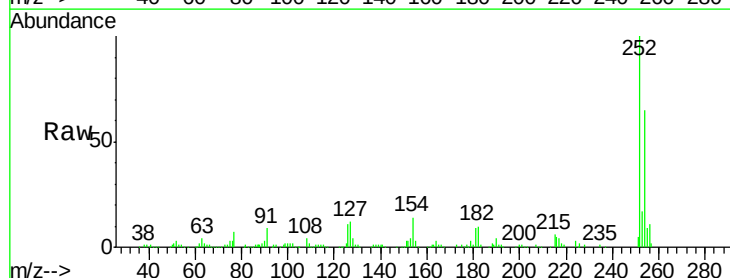
Tgt Ion:252 Resp: 108062

Ion Ratio Lower Upper

252 100

254 65.4 53.9 80.9

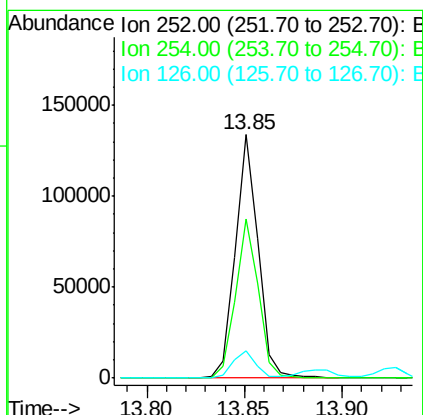
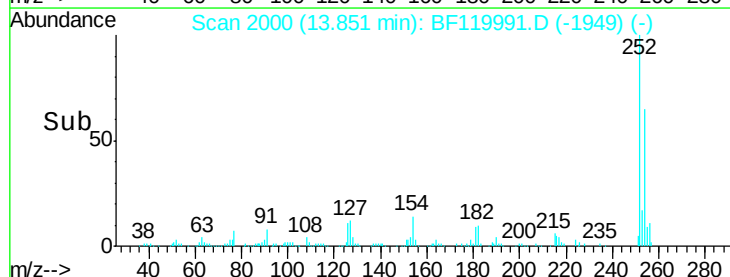
126 11.2 9.7 14.5

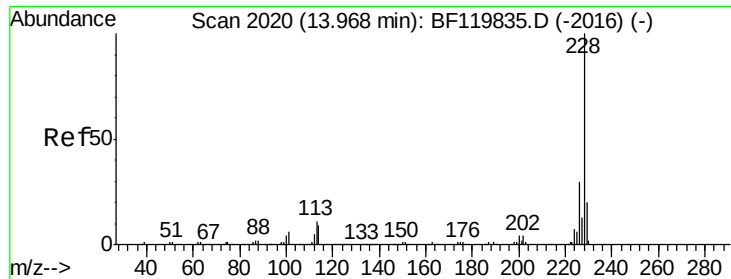


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





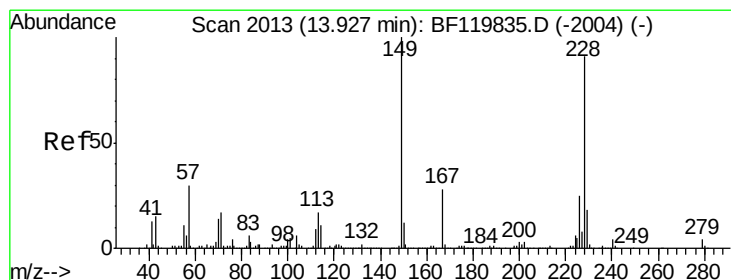
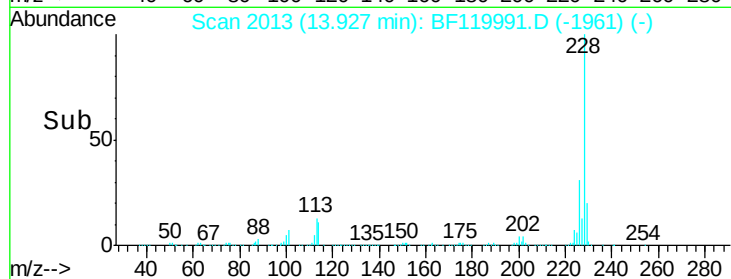
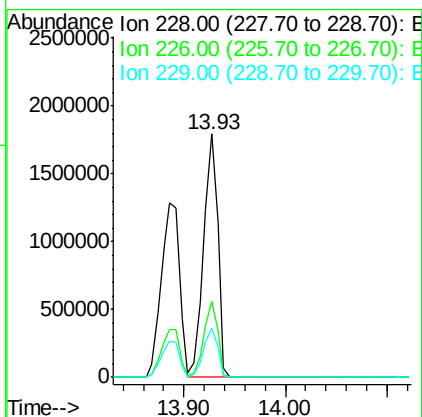
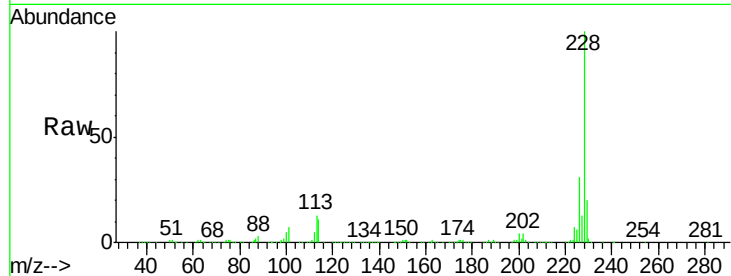
#83
 Chrvsene
 Concen: 52.520 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:228 Resp: 1730892
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.2 36.2
 229 20.3 15.9 23.9

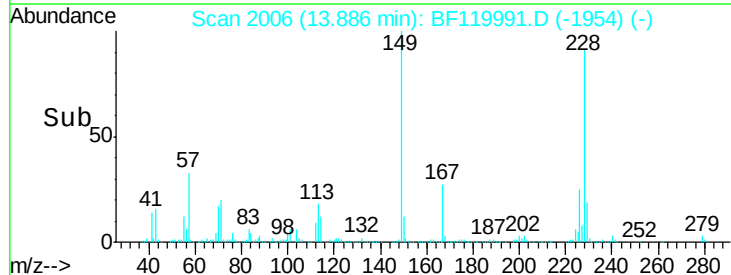
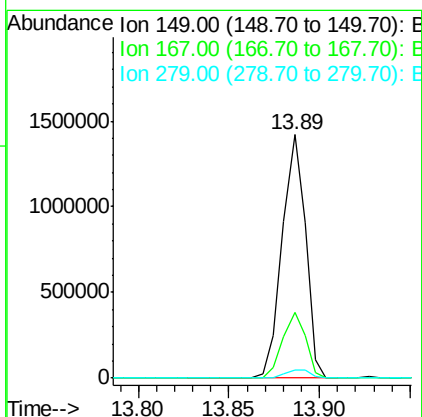
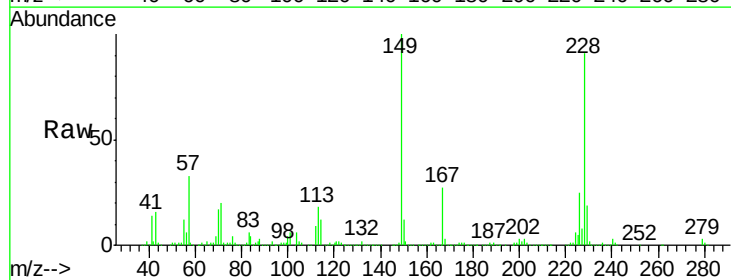
Manual Integrations
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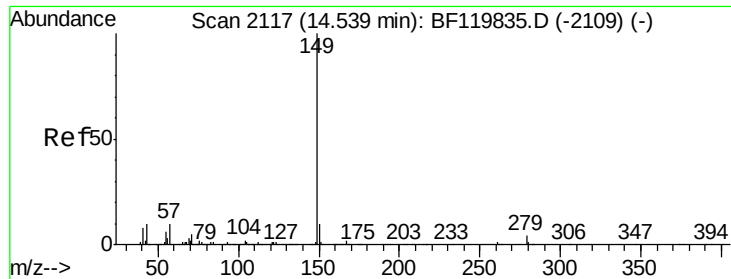
mohammad
 4/16/2020 12:52:47 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.994 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:149 Resp: 1283493
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.2
 279 3.3 3.4 5.0#





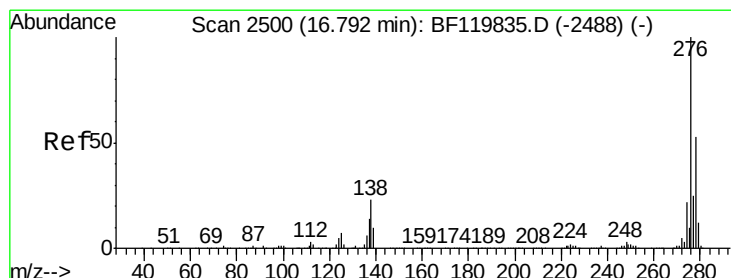
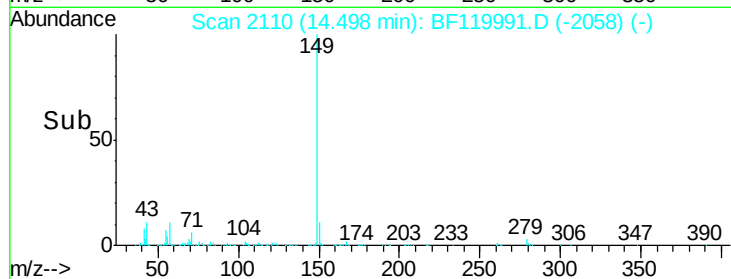
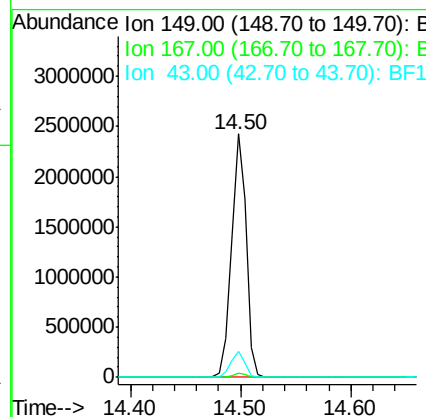
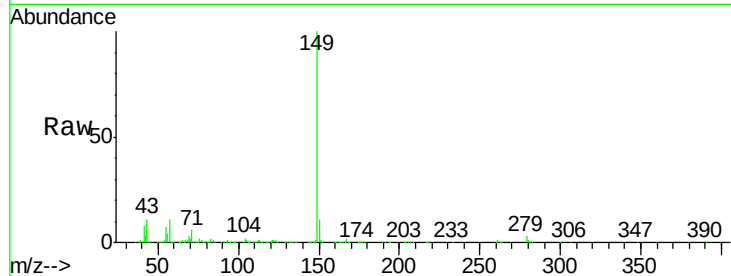
#85
Di-n-octyl phthalate
Concen: 48.638 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.5	9.2	13.8	

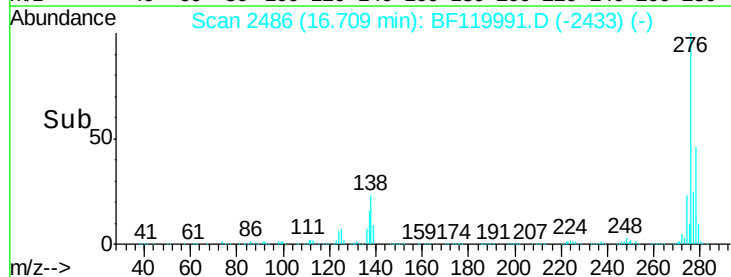
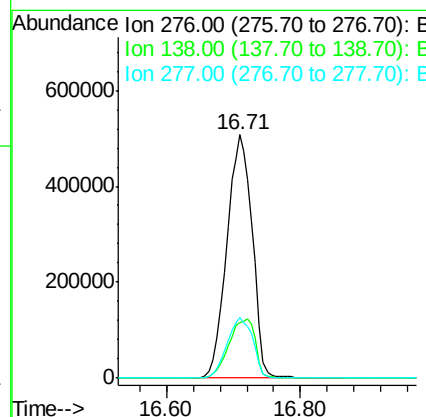
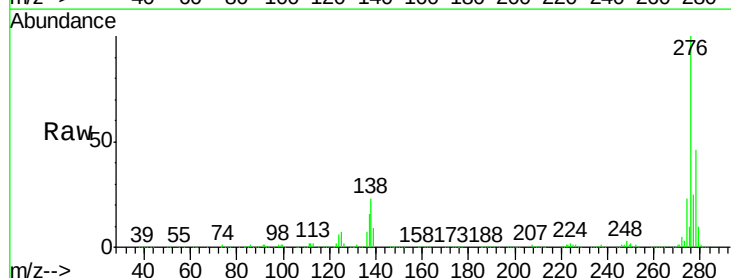
Manual Integrations
APPROVED

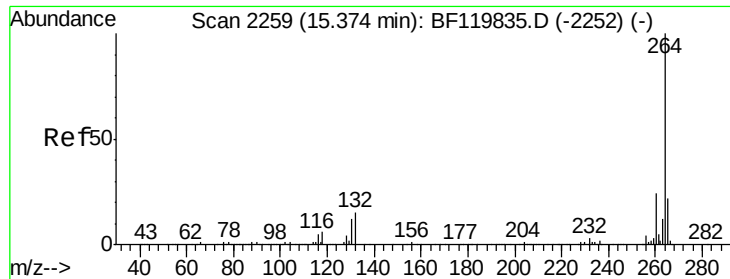
mohammad
4/16/2020 12:52:47 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.919 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.4	18.0	27.0	
277	25.3	20.1	30.1	





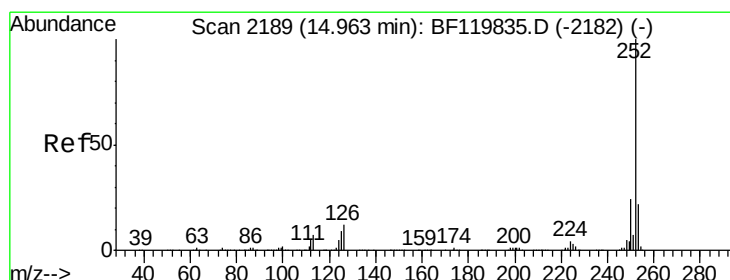
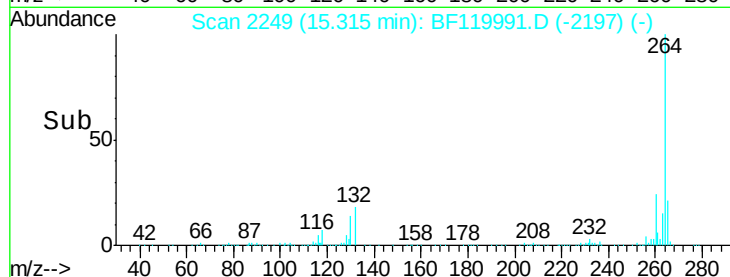
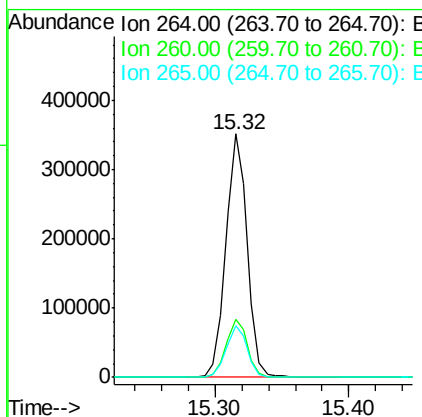
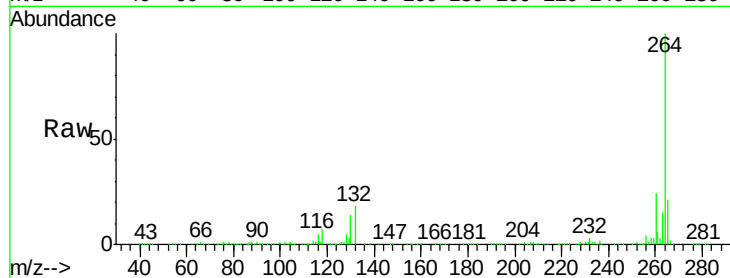
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.2	17.6	26.4

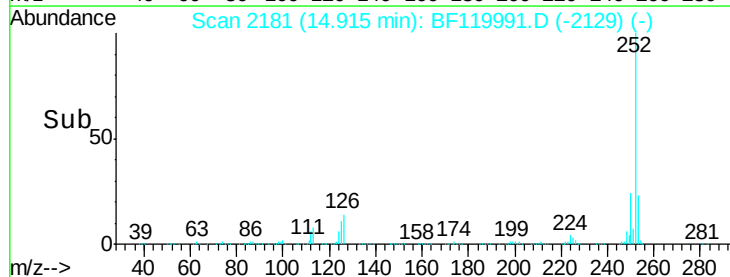
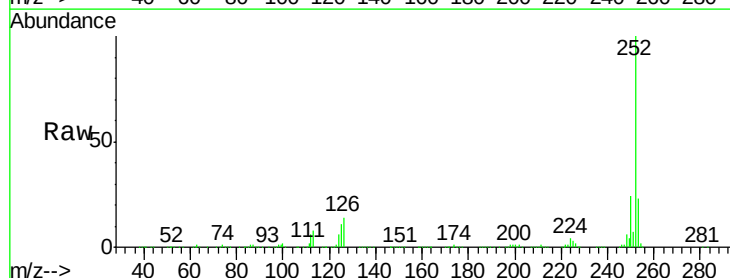
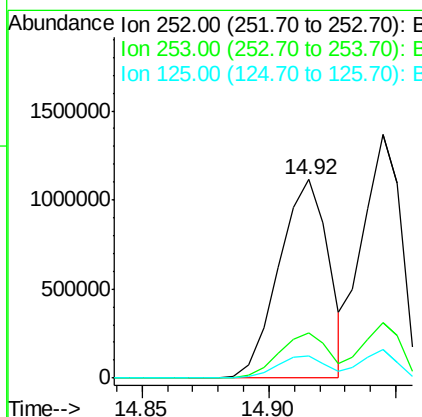
Manual Integrations
APPROVED

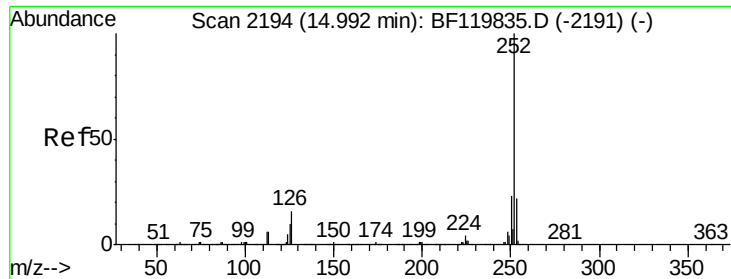
mohammad
4/16/2020 12:52:47 PM



#88
Benzo(b)fluoranthene
Concen: 53.335 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.0	7.4	11.2





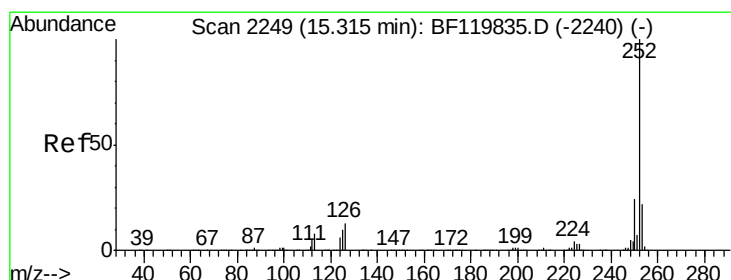
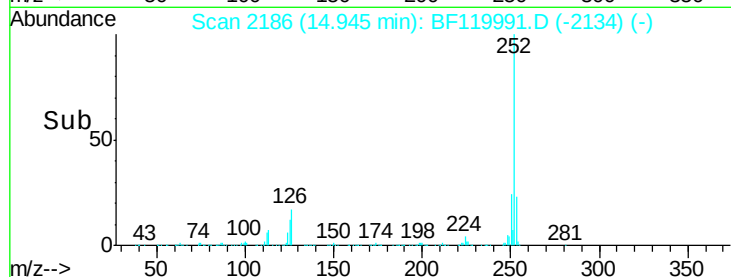
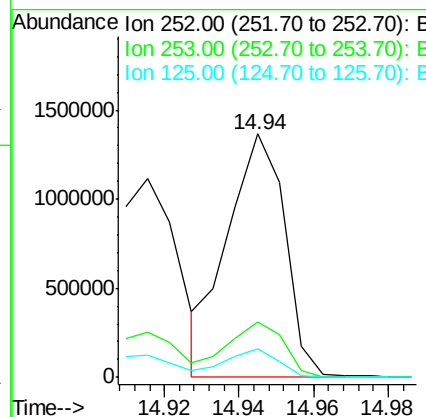
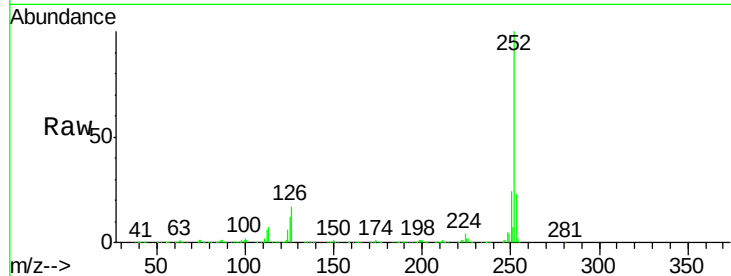
#89
Benzo(k)fluoranthene
Concen: 59.173 ng/mL
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	17.8	26.8	
125	11.9	7.7	11.5	

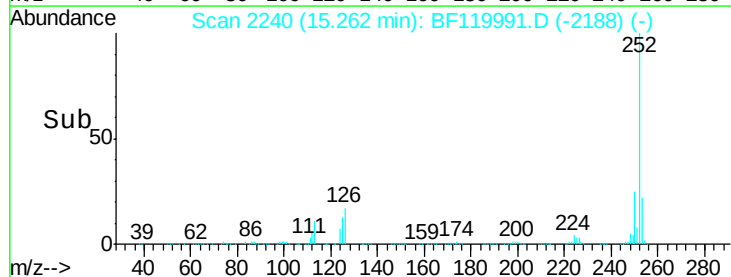
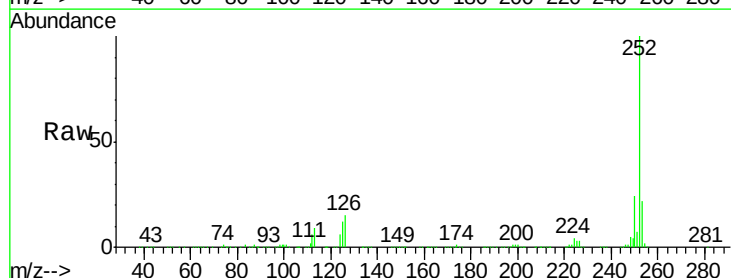
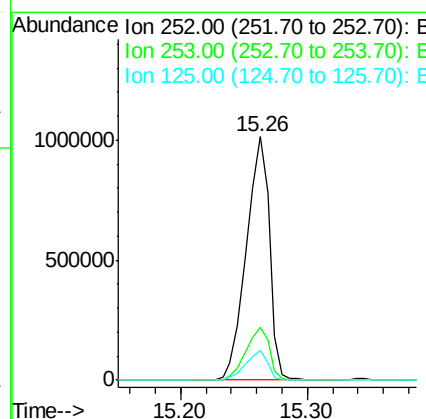
Manual Integrations
APPROVED

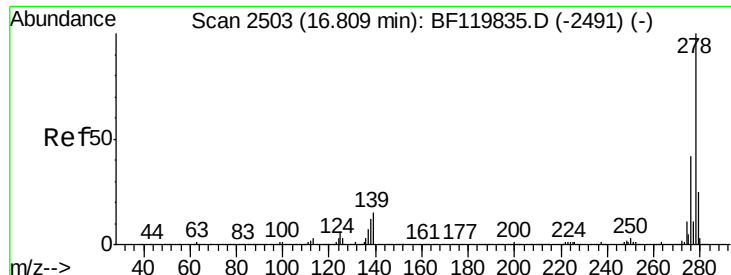
mohammad
4/16/2020 12:52:47 PM



#90
Benzo(a)pyrene
Concen: 53.938 ng/mL
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.9	17.4	26.2	
125	12.1	8.3	12.5	





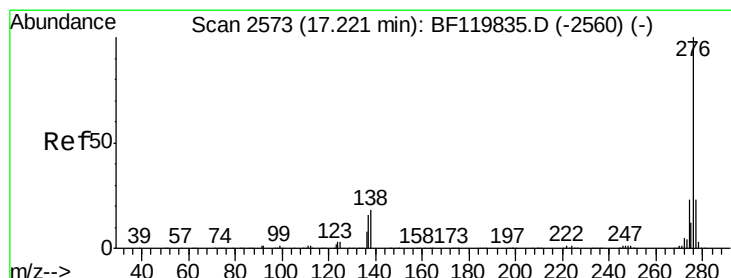
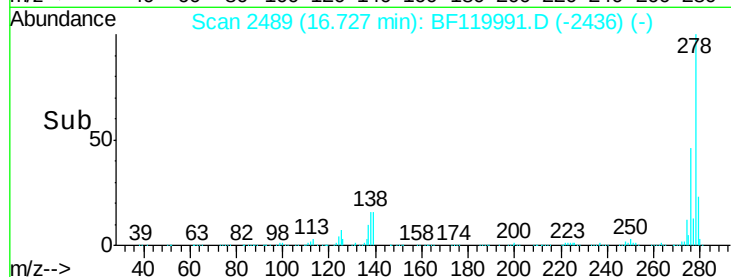
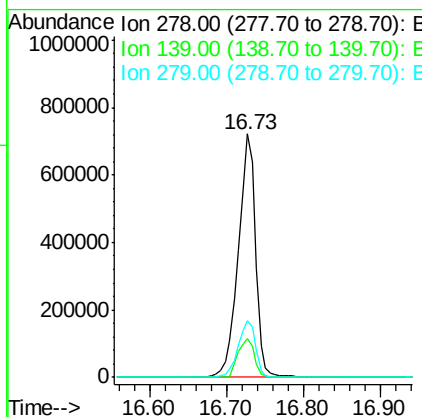
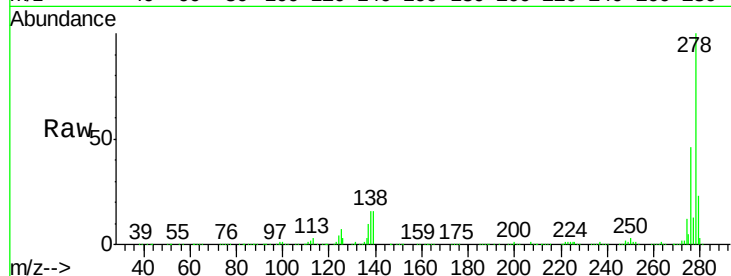
#91
Dibenzo(a,h)anthracene
Concen: 53.979 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.6	17.4
279	23.3	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:47 PM



#92
Benzo(g,h,i)perylene
Concen: 52.631 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	22.8	14.6	22.0

