

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120155.D
 Acq On : 23 Apr 2020 6:06
 Operator : MA/SJ
 Sample : L2123-14MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Manual Integrations
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mohammad
 4/24/2020 4:18:12 AM

Quant Time: Apr 23 06:54:18 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 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	145488	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	567088	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	282060	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	535562	20.00	ng	0.00
76) Chrysene-d12	13.84	240	391202	20.00	ng	-0.01
87) Perylene-d12	15.24	264	332859	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	894659	106.27	ng	0.01
7) Phenol-d6	6.32	99	1055951	97.34	ng	0.00
23) Nitrobenzene-d5	7.25	82	769088	70.16	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	326843	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1475554	74.27	ng	0.00
79) Terphenyl-d14	12.79	244	1653127	71.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	124775	33.28	ng	95
3) Pyridine	3.07	79	287369	27.93	ng	94
4) n-Nitrosodimethylamine	3.00	42	187348	35.64	ng	99
6) Aniline	6.34	93	389364	27.35	ng	# 65
8) 2-Chlorophenol	6.46	128	387445	41.19	ng	98
9) Benzaldehyde	6.22	77	97349	10.95	ng	100
10) Phenol	6.33	94	428765	34.84	ng	80
11) bis(2-Chloroethyl)ether	6.42	93	372153	39.16	ng	100
12) 1,3-Dichlorobenzene	6.62	146	352366	34.22	ng	98
13) 1,4-Dichlorobenzene	6.69	146	362127	34.52	ng	98
14) 1,2-Dichlorobenzene	6.85	146	341068	35.28	ng	99
15) Benzyl Alcohol	6.83	79	324749	38.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	620242	33.54	ng	93
17) 2-Methylphenol	6.95	107	308746	36.78	ng	98
18) Hexachloroethane	7.19	117	134195	34.23	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	273728	39.24	ng	97
20) 3+4-Methylphenols	7.10	107	383043	37.31	ng	89
22) Acetophenone	7.09	105	529053	39.84	ng	# 94
24) Nitrobenzene	7.26	77	409756	37.16	ng	100
25) Isophorone	7.50	82	762622	36.09	ng	98
26) 2-Nitrophenol	7.58	139	210167	38.15	ng	92
27) 2,4-Dimethylphenol	7.63	122	326690	39.32	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	473820	38.11	ng	99
29) 2,4-Dichlorophenol	7.83	162	320821	37.67	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	335811	34.80	ng	100
31) Naphthalene	7.99	128	1099922	36.87	ng	98
32) Benzoic acid	7.71	122	38586	5.29	ng	99
33) 4-Chloroaniline	8.03	127	282826	21.77	ng	99
34) Hexachlorobutadiene	8.10	225	185598	32.13	ng	98
35) Caprolactam	8.40	113	79990m	30.70	ng	
36) 4-Chloro-3-methylphenol	8.53	107	349721	37.93	ng	99
37) 2-Methylnaphthalene	8.67	142	749991	37.08	ng	97
38) 1-Methylnaphthalene	8.77	142	708908	37.18	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	330625	37.11	ng	99

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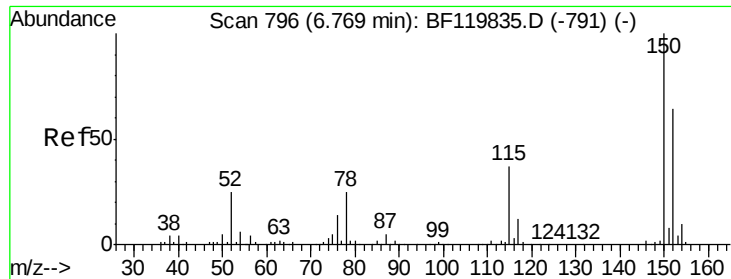
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	275972	54.48	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	232464	37.79	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	245242	35.39	ng	97
46) 1,1'-Biphenyl	9.14	154	910201	38.23	ng	98
47) 2-Chloronaphthalene	9.16	162	705664	38.48	ng	100
48) 2-Nitroaniline	9.26	65	258045	38.83	ng	100
49) Acenaphthylene	9.58	152	1095087	39.26	ng	98
50) Dimethylphthalate	9.45	163	829250	38.01	ng	100
51) 2,6-Dinitrotoluene	9.51	165	186253	38.99	ng	98
52) Acenaphthene	9.75	154	660345	35.49	ng	99
53) 3-Nitroaniline	9.67	138	174384	31.96	ng	99
54) 2,4-Dinitrophenol	9.79	184	40317	14.10	ng	96
55) Dibenzofuran	9.92	168	990240	38.78	ng	100
56) 4-Nitrophenol	9.85	139	236683	58.30	ng	96
57) 2,4-Dinitrotoluene	9.92	165	240321	38.18	ng	94
58) Fluorene	10.27	166	789491	38.66	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	196870	37.15	ng	98
60) Diethylphthalate	10.15	149	829019	36.66	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	370459	35.40	ng	98
62) 4-Nitroaniline	10.29	138	200566	38.57	ng	99
63) Azobenzene	10.42	77	784080	38.69	ng	97
65) 4,6-Dinitro-2-methylphenol	10.32	198	54709	15.51	ng	94
66) n-Nitrosodiphenylamine	10.38	169	705461	39.61	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	227206	34.11	ng	94
68) Hexachlorobenzene	10.82	284	249719	36.96	ng	# 92
69) Atrazine	10.91	200	210504	42.48	ng	98
70) Pentachlorophenol	11.01	266	177620	45.62	ng	98
71) Phenanthrene	11.23	178	1133115	39.75	ng	98
72) Anthracene	11.28	178	1169659	40.17	ng	98
73) Carbazole	11.43	167	1090883	39.62	ng	97
74) Di-n-butylphthalate	11.77	149	1313487	36.29	ng	100
75) Fluoranthene	12.42	202	1253693	40.76	ng	95
77) Benzidine	12.54	184	460004	34.79	ng	96
78) Pyrene	12.64	202	1273853	38.63	ng	97
80) Butylbenzylphthalate	13.27	149	549518	34.34	ng	96
81) Benzo(a)anthracene	13.83	228	1000481	38.88	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	304543	31.71	ng	98
83) Chrysene	13.87	228	1026589	39.26	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	687921	31.74	ng	99
85) Di-n-octyl phthalate	14.44	149	1195331	32.40	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	879408	38.15	ng	100
88) Benzo(b)fluoranthene	14.85	252	925559	38.65	ng	99
89) Benzo(k)fluoranthene	14.88	252	853252	41.30	ng	99
90) Benzo(a)pyrene	15.19	252	783099	38.90	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	730194	40.94	ng	98
92) Benzo(g,h,i)perylene	17.02	276	726810	41.29	ng	98

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



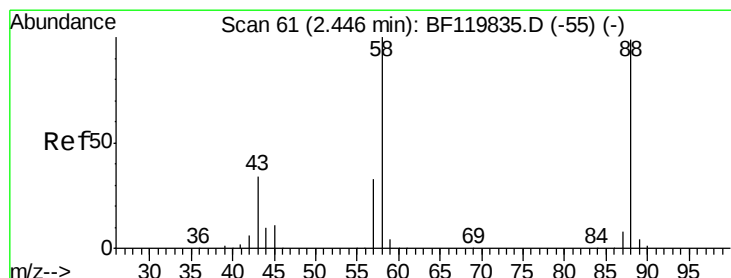
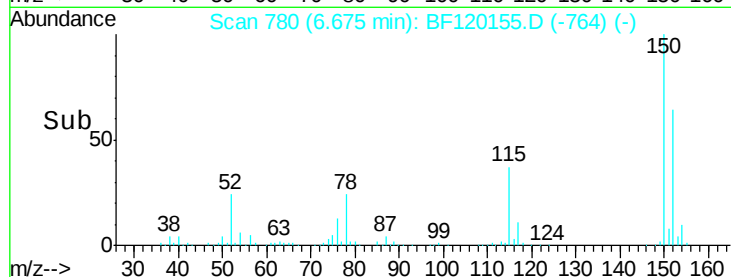
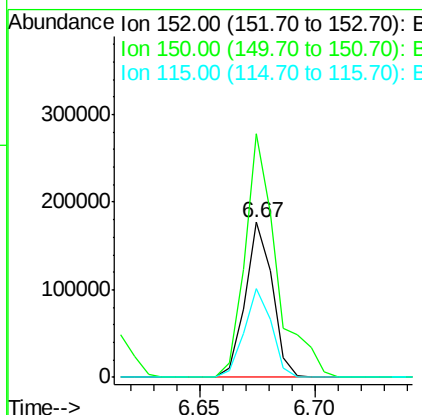
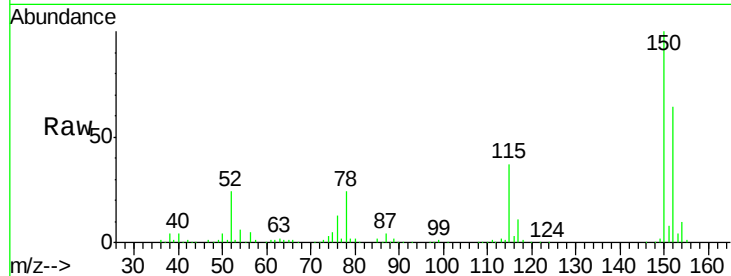
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.5	186.7
115	57.6	49.6	74.4

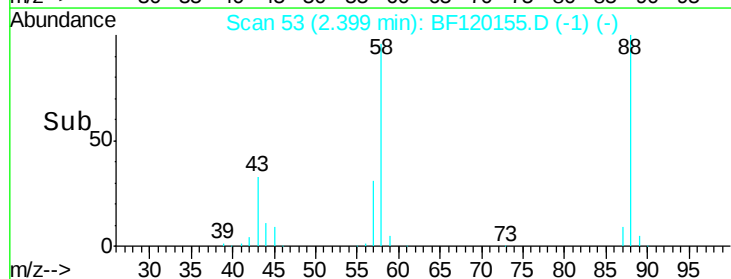
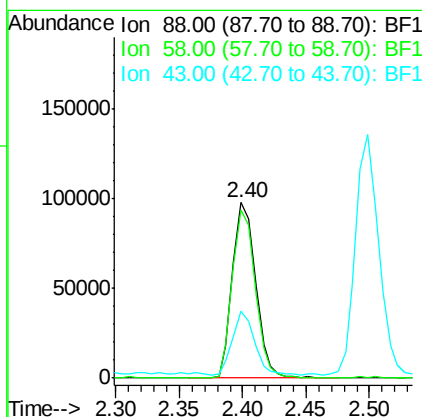
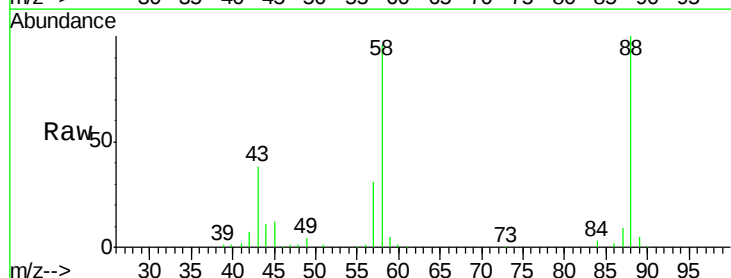
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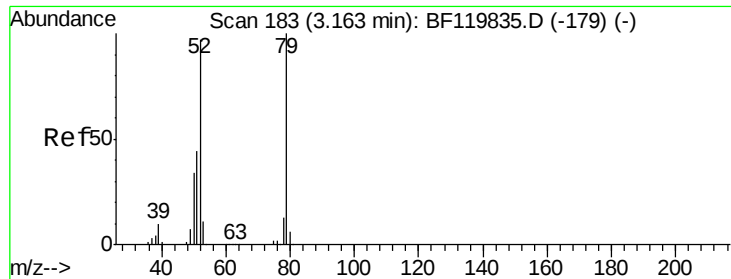
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#2
 1,4-Dioxane
 Concen: 33.28 ng
 RT: 2.40 min Scan# 53
 Delta R.T. 0.12 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	80.6	121.0
43	34.3	27.5	41.3





#3

Pyridine

Concen: 27.93 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.11 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

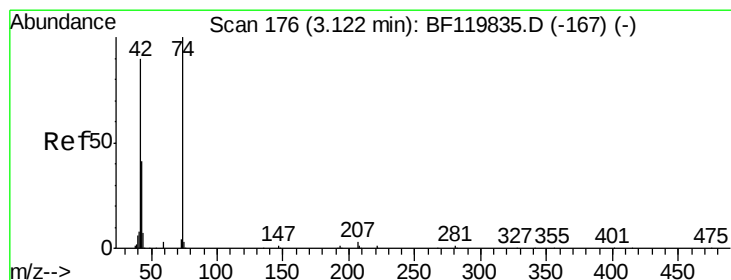
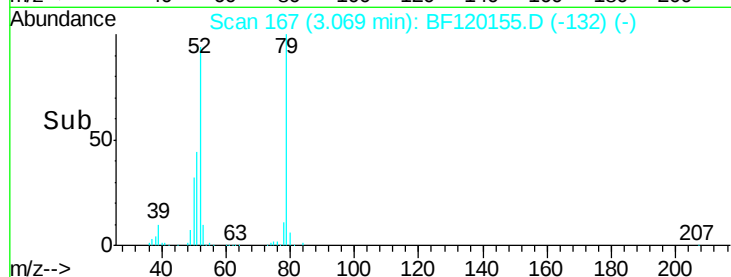
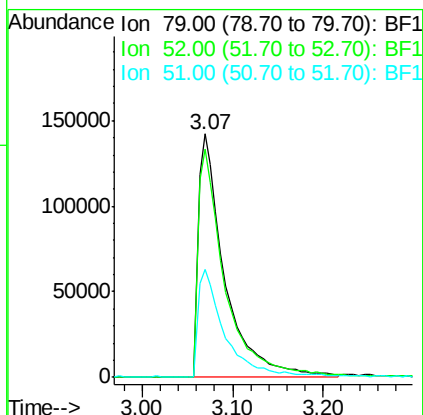
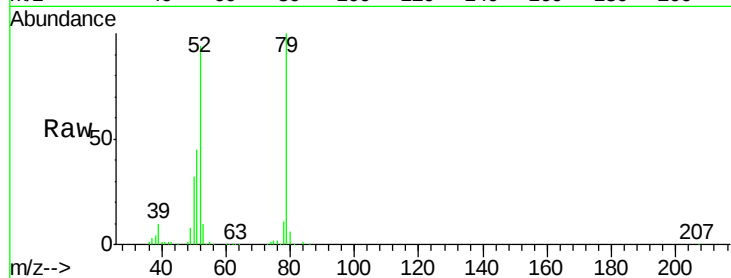
ClientSampleId :

TR-05-042020MS

Tgt Ion:	79	Resp:	287369
Ion	Ratio	Lower	Upper
79	100		
52	93.9	80.2	120.2
51	44.5	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 35.64 ng

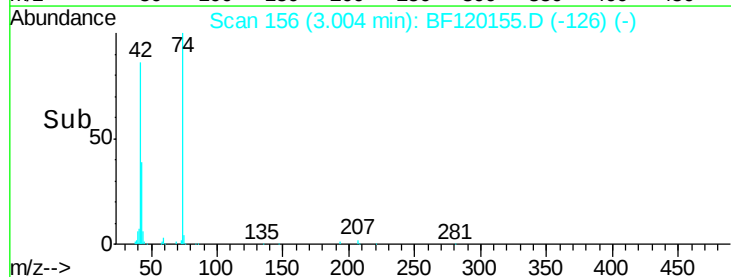
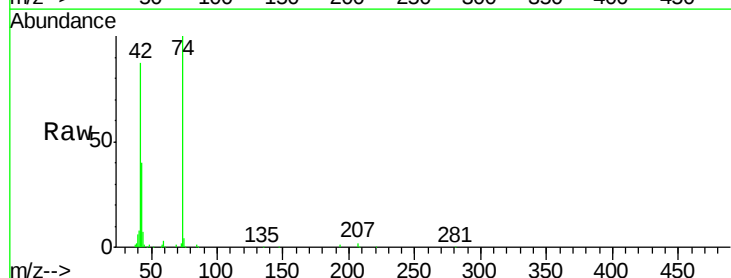
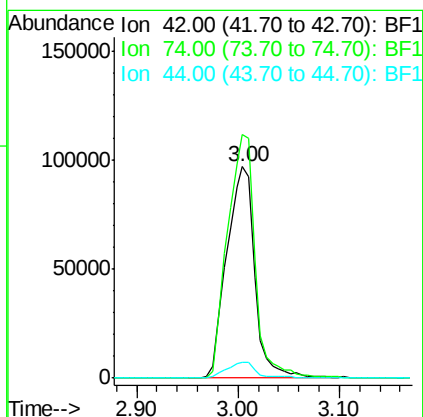
RT: 3.00 min Scan# 156

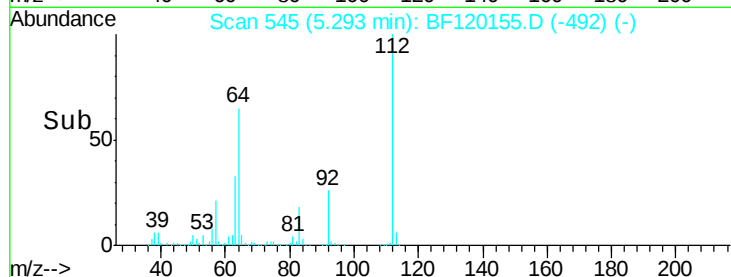
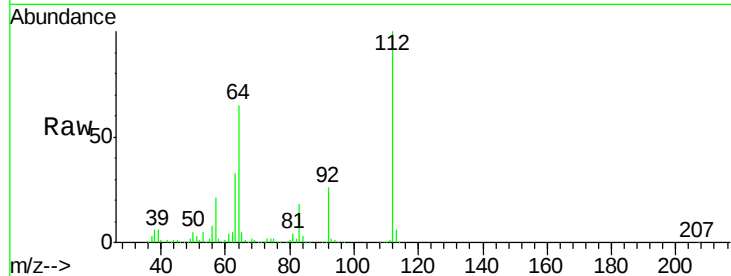
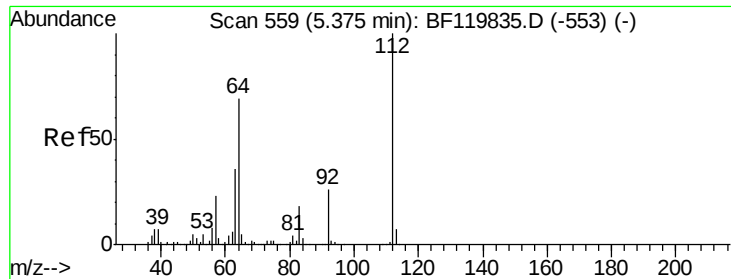
Delta R.T. 0.08 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	42	Resp:	187348
Ion	Ratio	Lower	Upper
42	100		
74	115.2	91.5	137.3
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 106.27 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	112	Resp:	894659
Ion Ratio	Lower	Upper	
112	100		
64	65.5	56.7	85.1
63	33.5	29.5	44.3

Instrument :

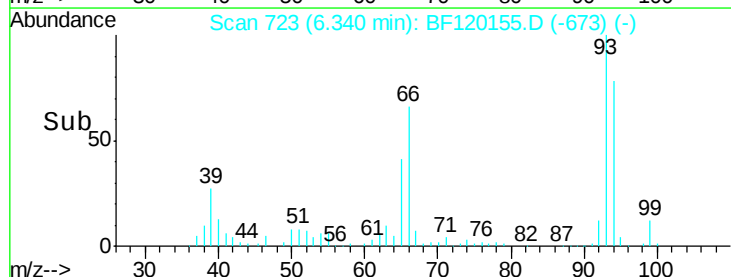
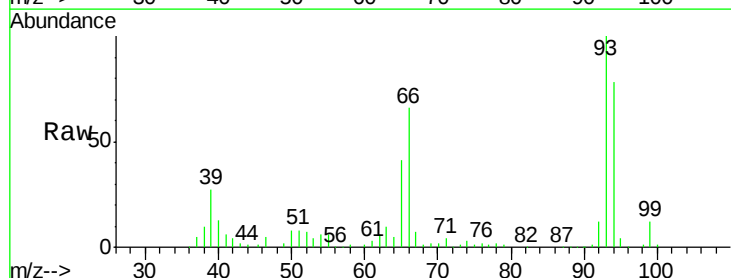
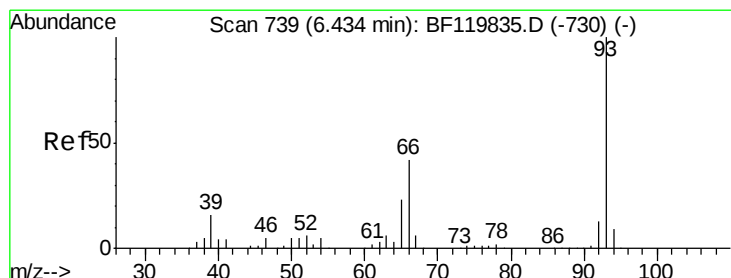
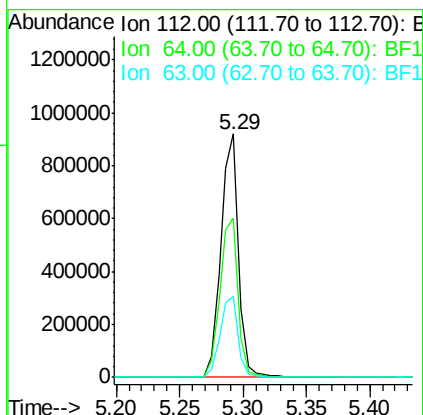
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#6

Aniline

Concen: 27.35 ng

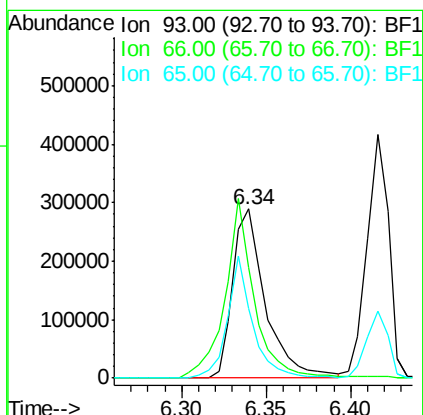
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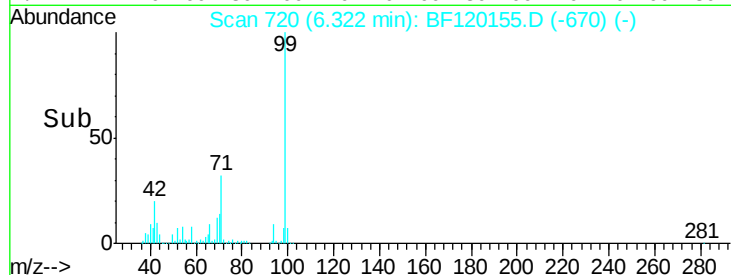
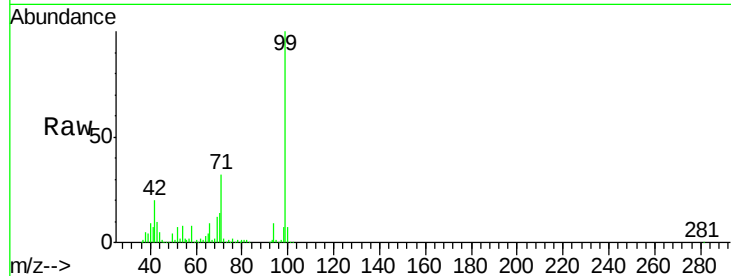
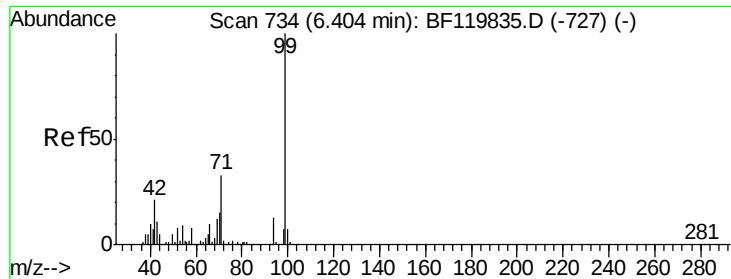
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	93	Resp:	389364
Ion Ratio	Lower	Upper	
93	100		
66	65.5	34.9	52.3#
65	41.3	18.6	27.8#





#7

Phenol-d6

Concen: 97.34 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	99	Resp:	1055951
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.6	24.8
71	31.9	26.4	39.6

Instrument :

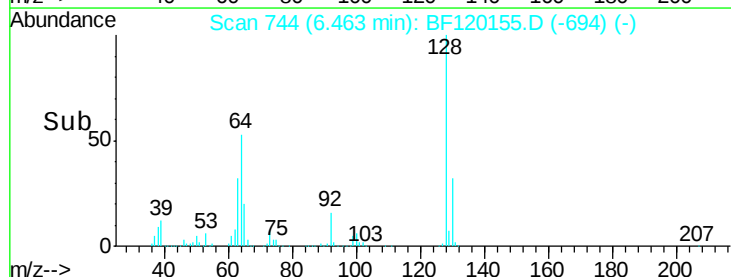
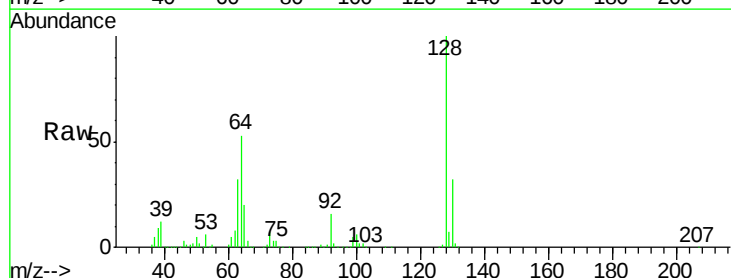
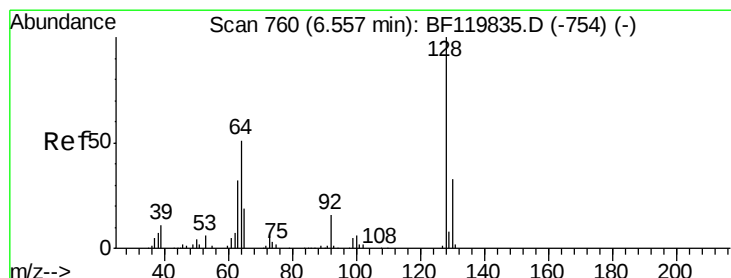
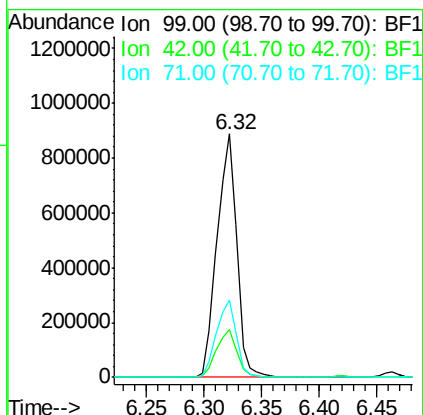
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#8

2-Chlorophenol

Concen: 41.19 ng

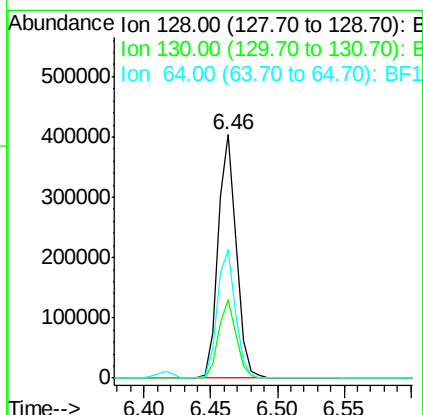
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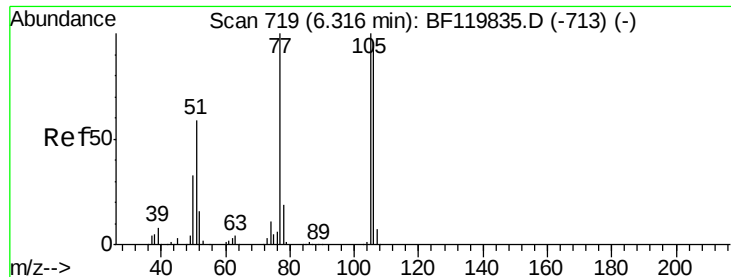
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	128	Resp:	387445
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	52.9	35.3	75.3





#9

Benzaldehyde

Concen: 10.95 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF120155.D

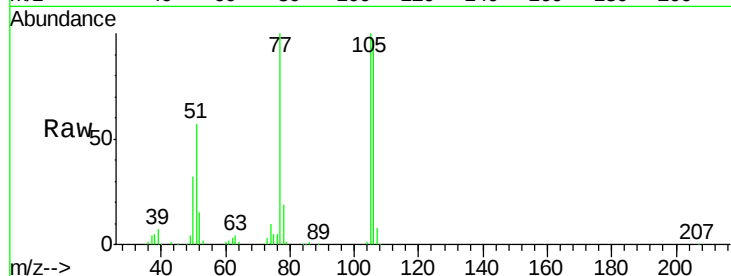
Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

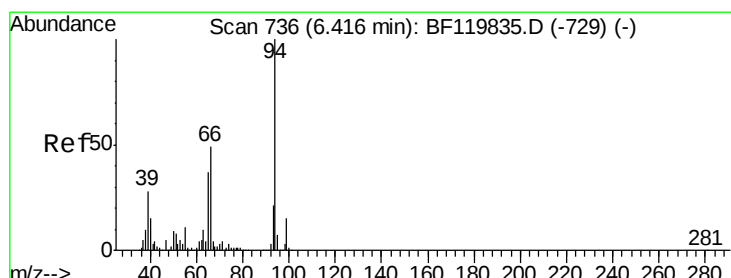
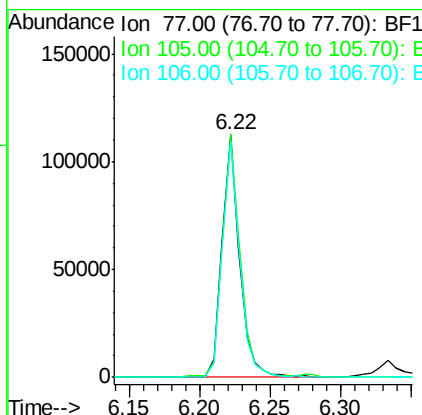
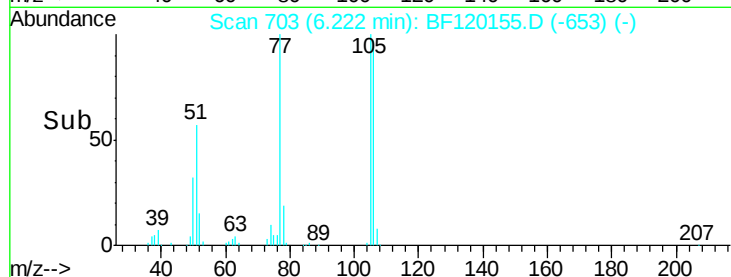
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Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.4	80.9	120.9	
106	97.4	77.9	117.9	

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#10

Phenol

Concen: 34.84 ng

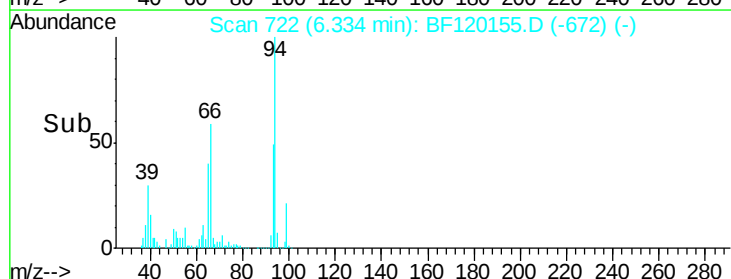
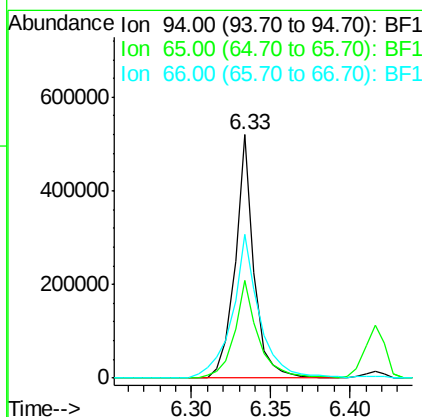
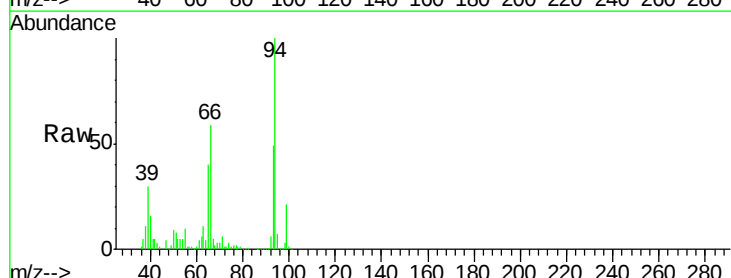
RT: 6.33 min Scan# 722

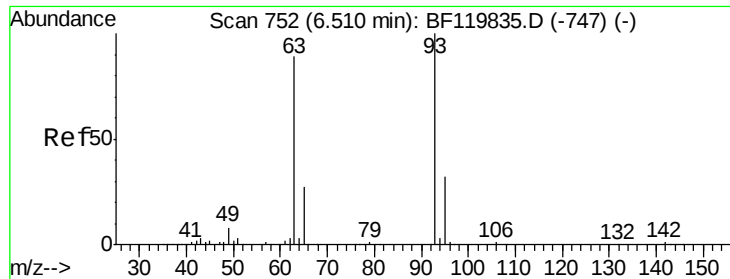
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	40.3	13.2	53.2	
66	59.0	22.3	62.3	





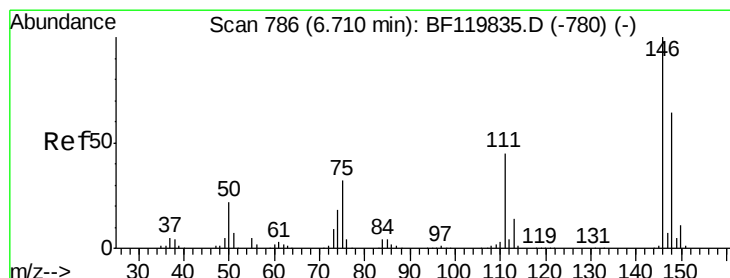
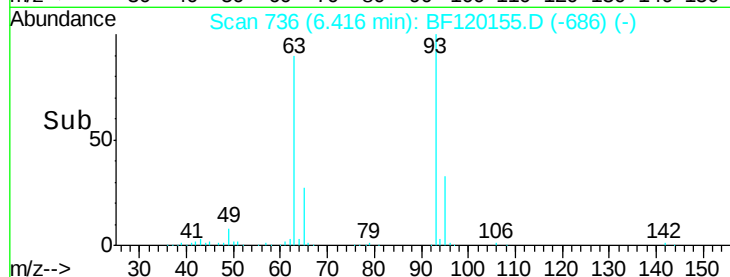
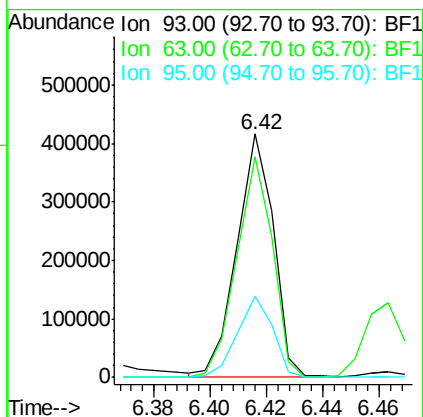
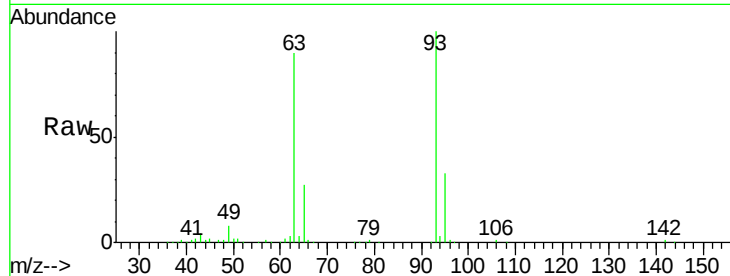
#11
bis(2-Chloroethyl)ether
Concen: 39.16 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	372153		
63	90.4	70.2	110.2	
95	33.3	13.4	53.4	

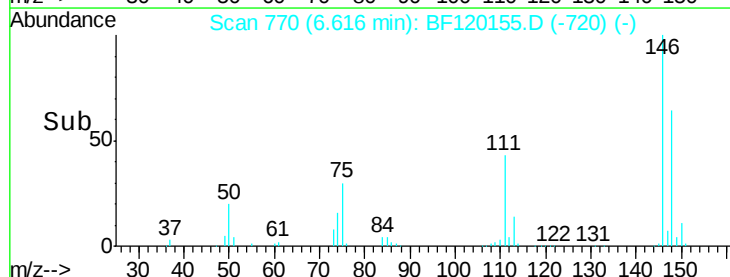
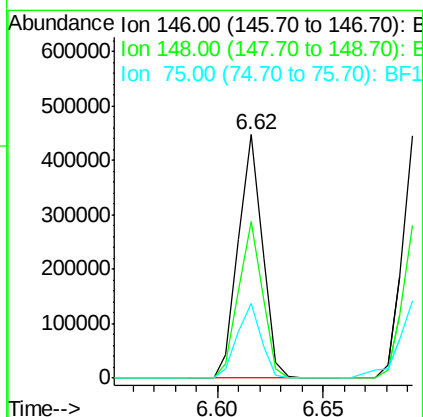
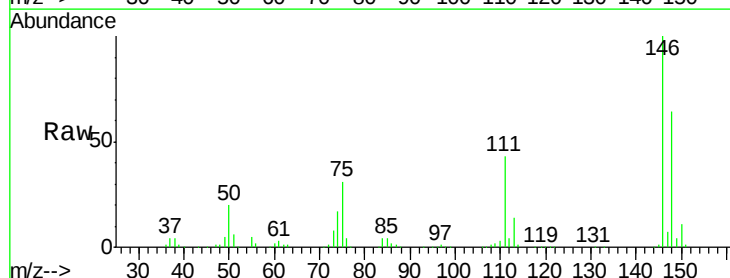
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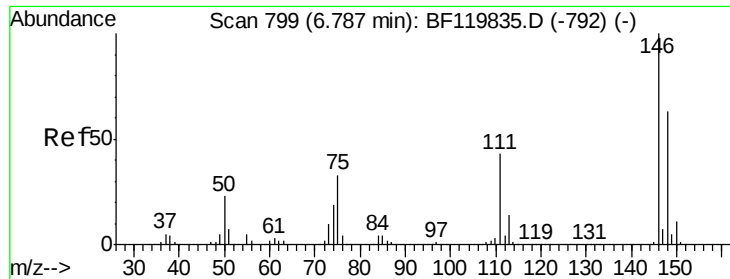
mohammad
4/24/2020 4:18:12 AM



#12
1,3-Dichlorobenzene
Concen: 34.22 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	352366		
148	64.1	52.2	78.4	
75	30.9	23.0	34.4	





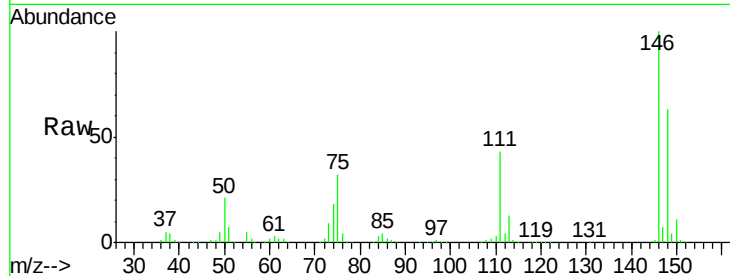
#13
 1,4-Dichlorobenzene
 Concen: 34.52 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

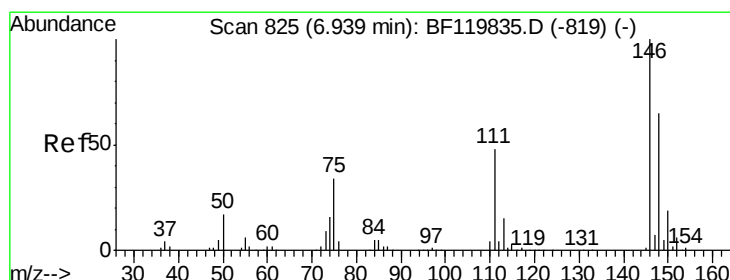
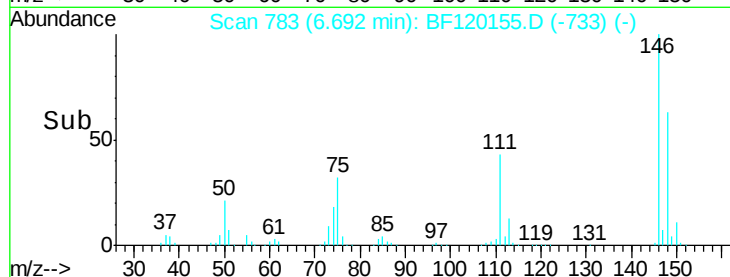
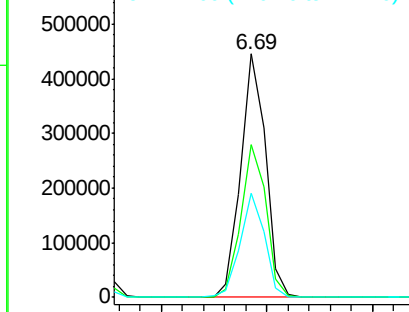
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
111	42.8	33.3	49.9

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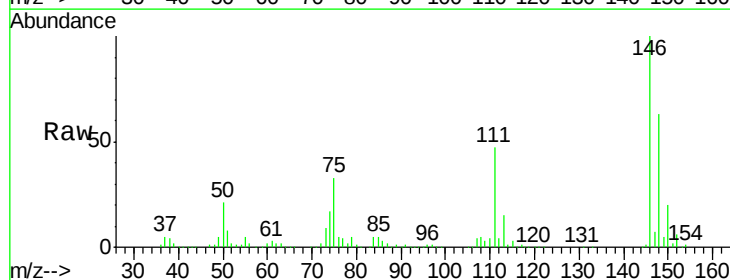


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

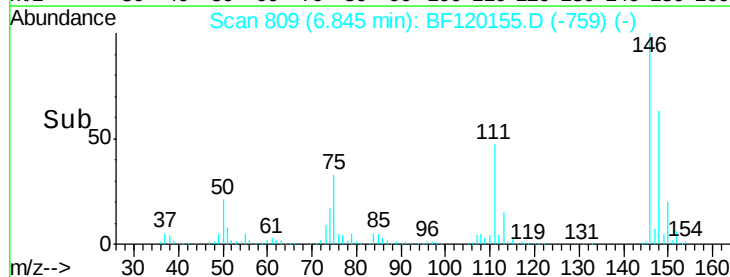
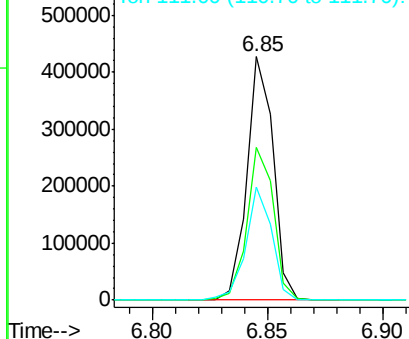


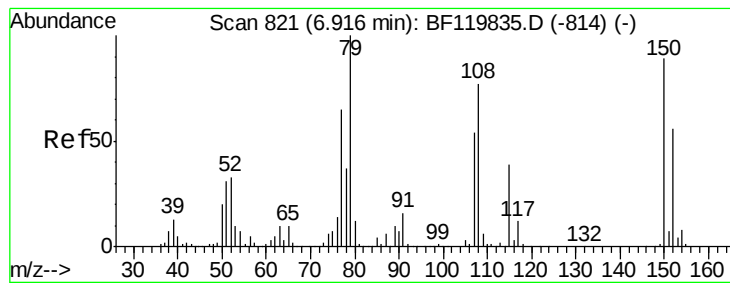
#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	46.6	36.1	54.1



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: 38.54 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

Tgt Ion: 79 Resp: 324749

Ion Ratio Lower Upper

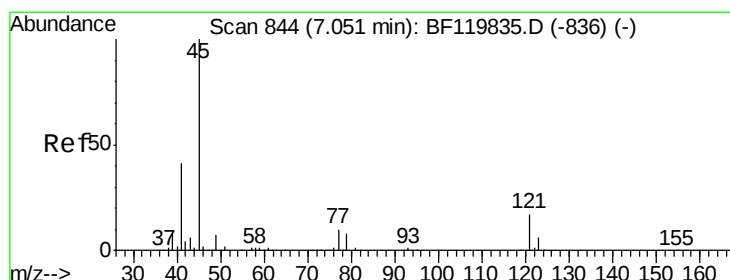
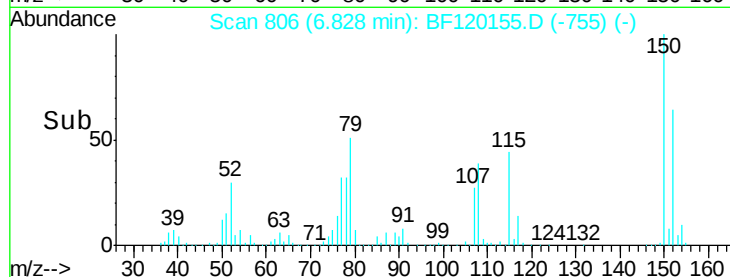
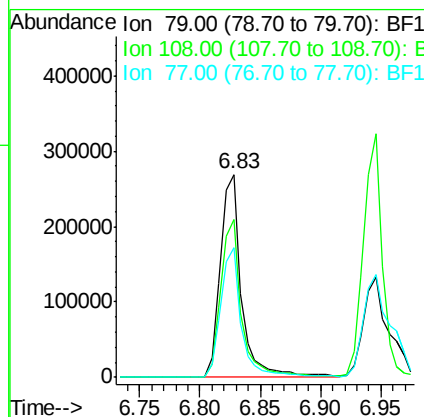
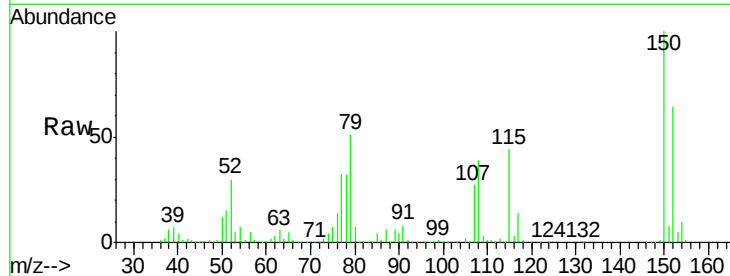
79 100

108 77.8 60.6 90.8

77 63.9 50.2 75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.54 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

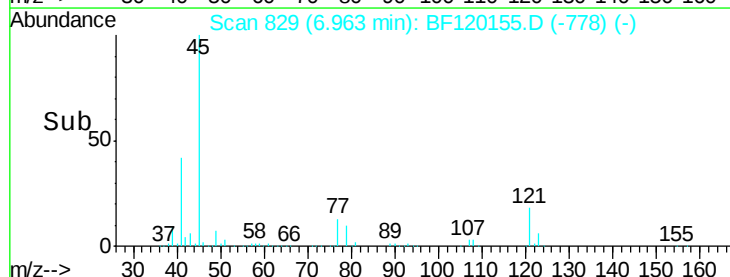
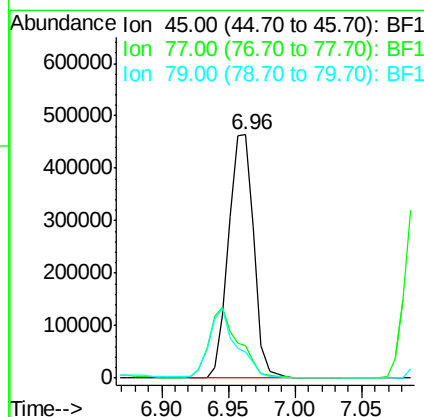
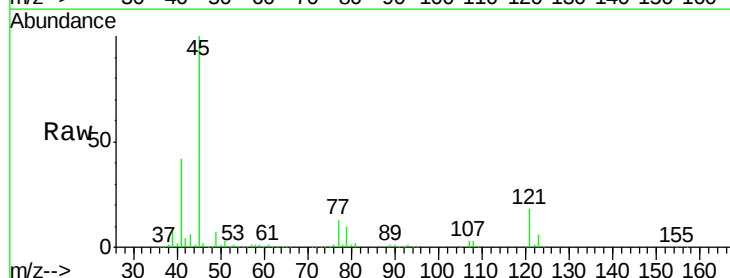
Tgt Ion: 45 Resp: 620242

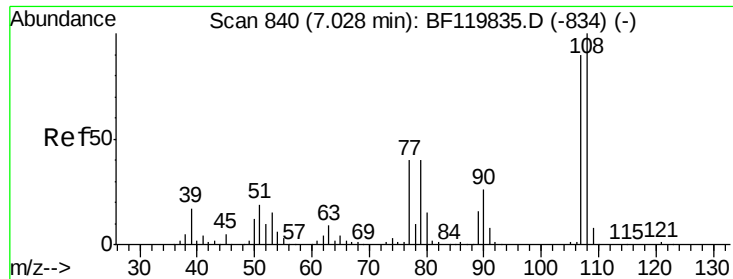
Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.7

79 10.4 0.0 28.2





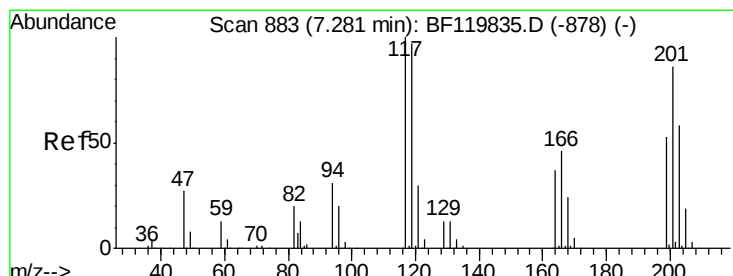
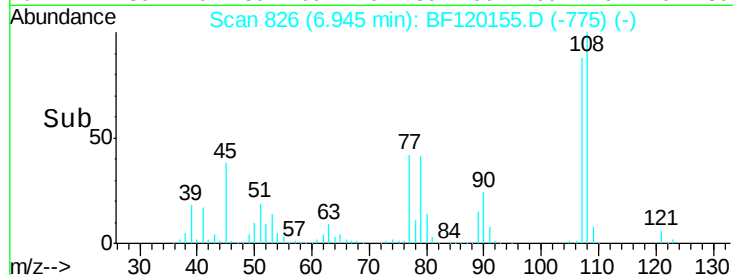
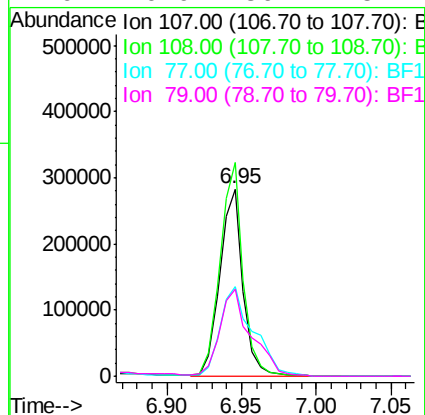
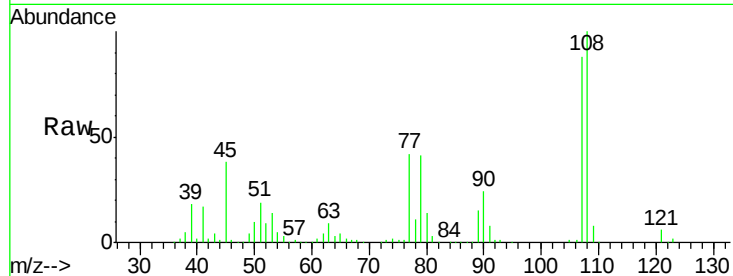
#17
 2-Methylphenol
 Concen: 36.78 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	308746		
108	114.3	92.2	138.4	
77	48.0	36.6	54.8	
79	46.9	36.2	54.4	

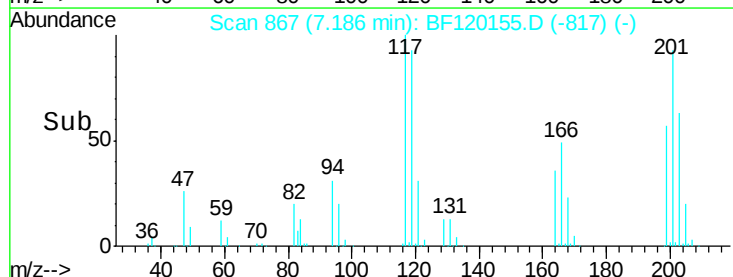
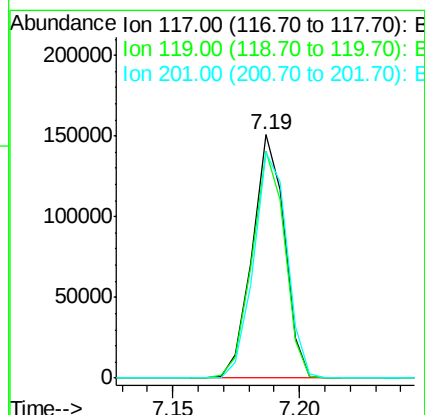
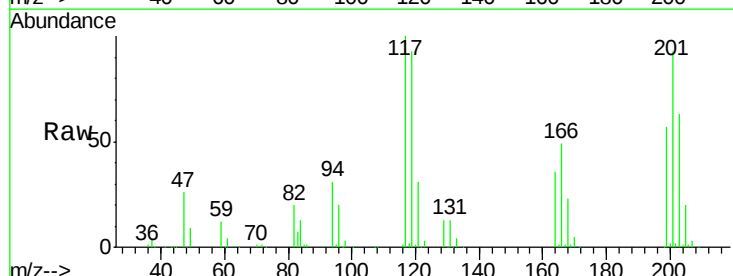
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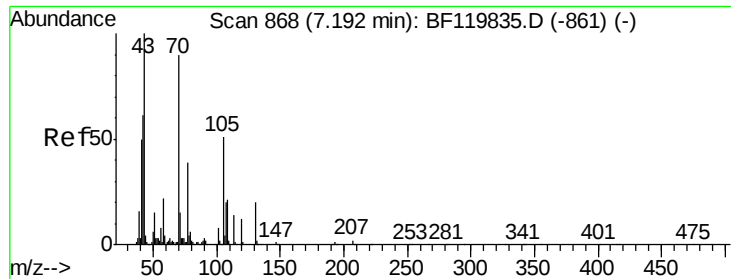
mohammad
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#18
 Hexachloroethane
 Concen: 34.23 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	134195		
119	93.4	76.1	114.1	
201	92.7	73.0	109.6	





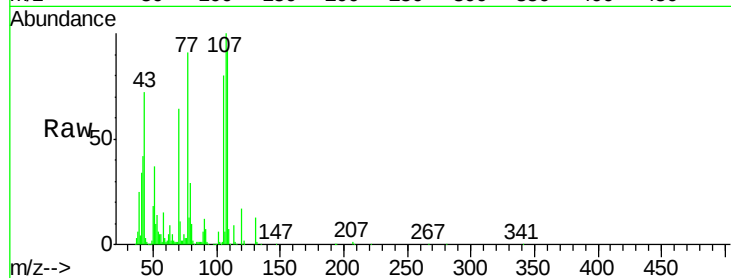
#19
n-Nitroso-di-n-propylamine
Concen: 39.24 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

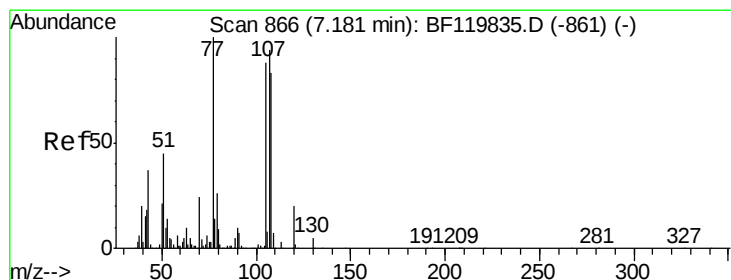
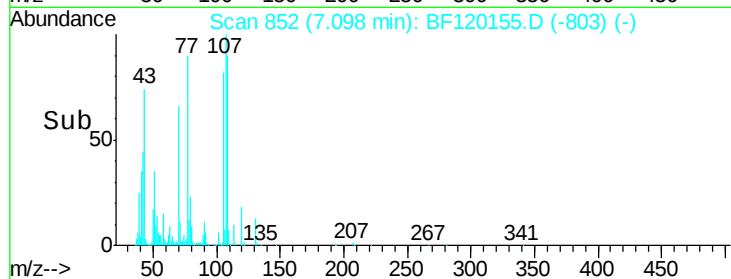
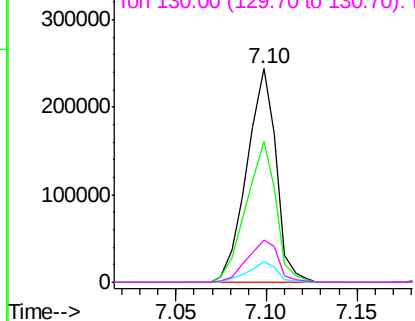
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.0	54.5	81.7
101	9.6	7.6	11.4
130	20.1	17.6	26.4

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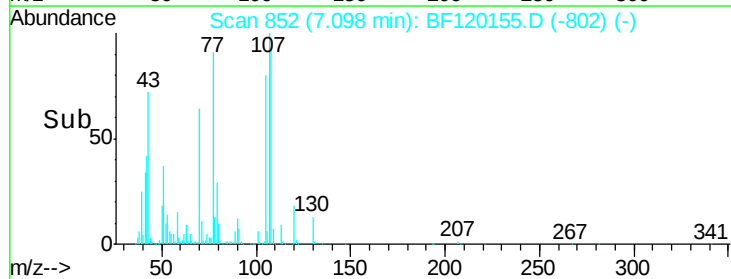
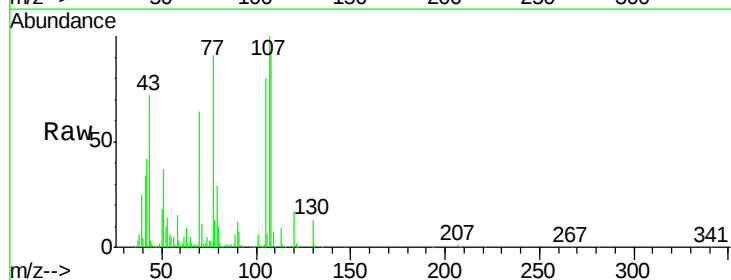
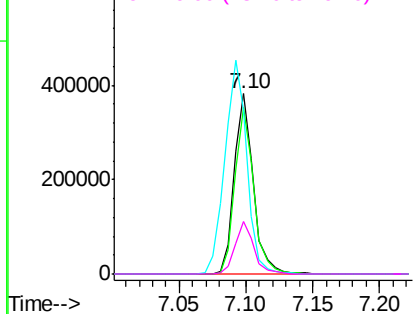
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

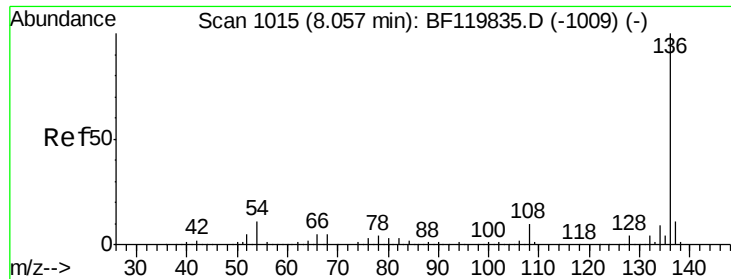


#20
3+4-Methylphenols
Concen: 37.31 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	67.9	107.9
77	91.3	52.9	92.9
79	29.3	7.7	47.7

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





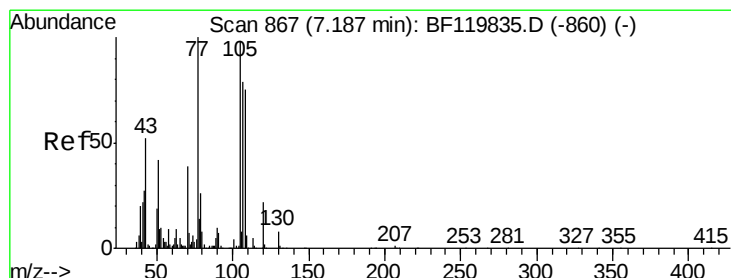
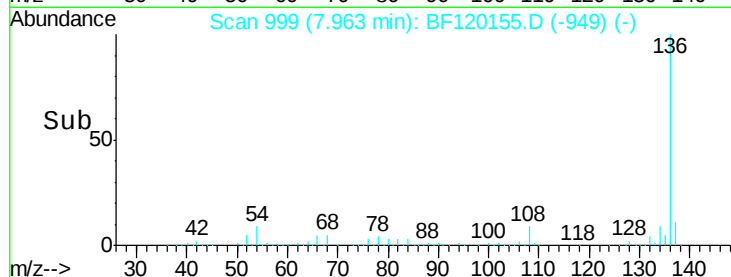
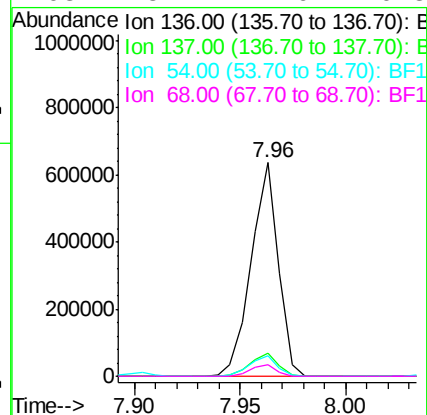
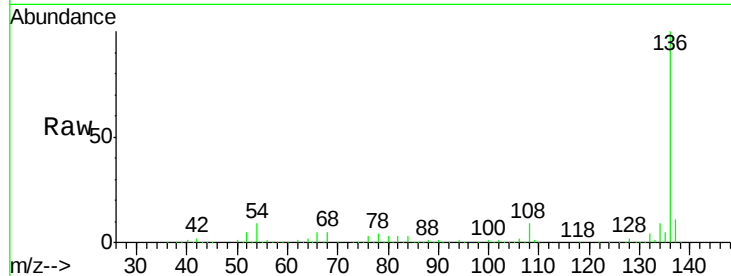
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	567088		
137	10.6	8.7	13.1	
54	9.5	9.1	13.7	
68	5.4	4.6	6.8	

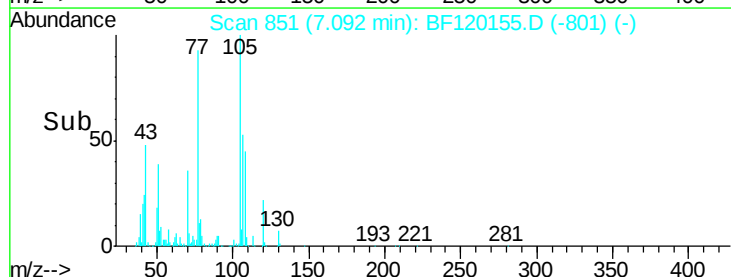
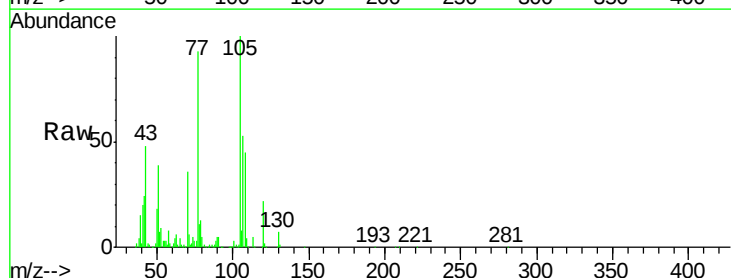
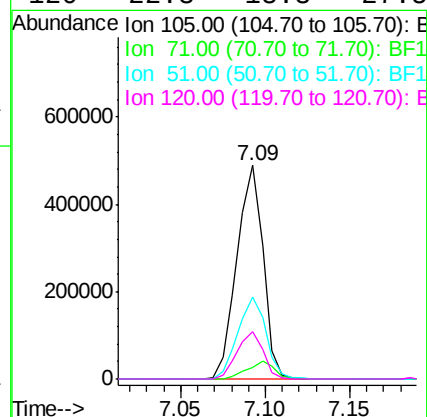
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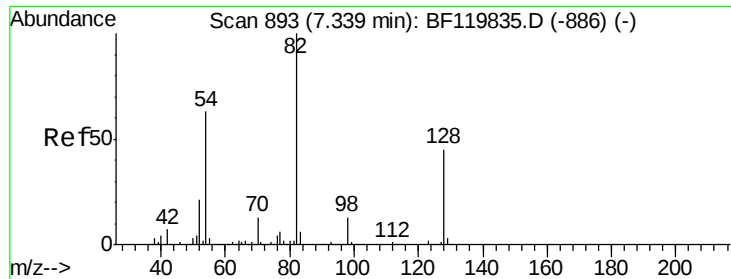
mohammad
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#22
Acetophenone
Concen: 39.84 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	529053		
71	5.7	5.7	8.5#	
51	38.5	26.2	39.4	
120	22.3	18.3	27.5	





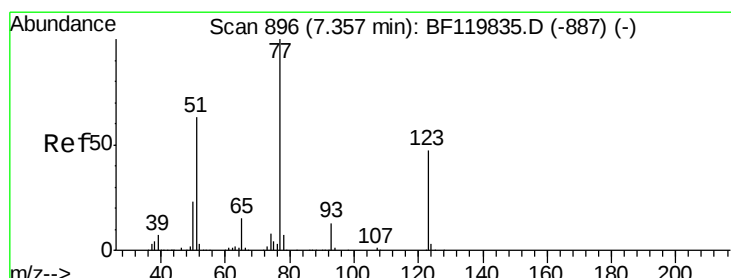
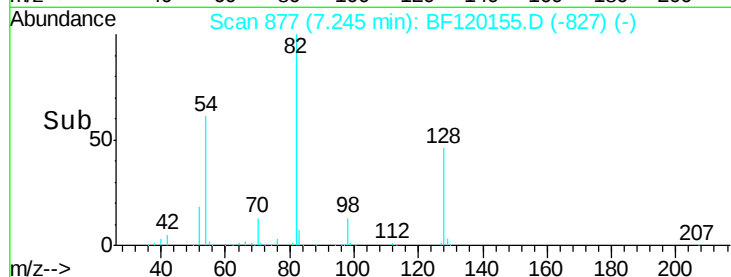
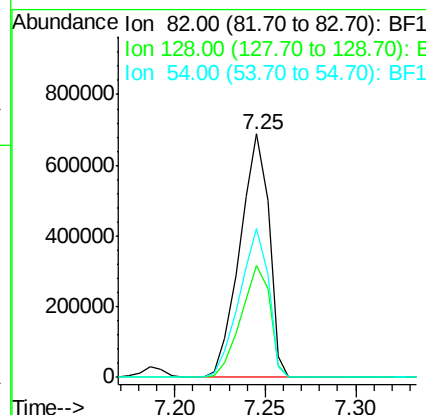
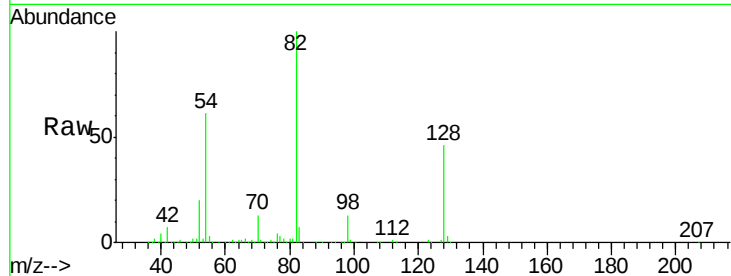
#23
Nitrobenzene-d5
Concen: 70.16 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	61.3	50.6	75.8

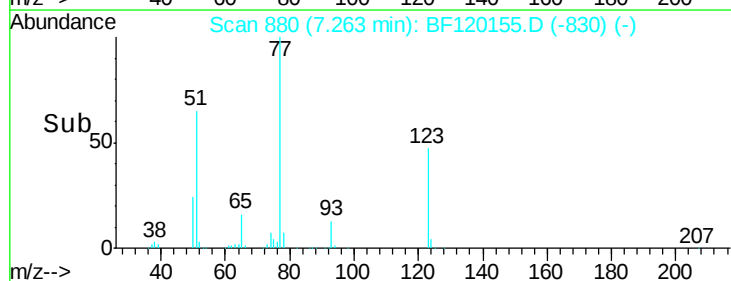
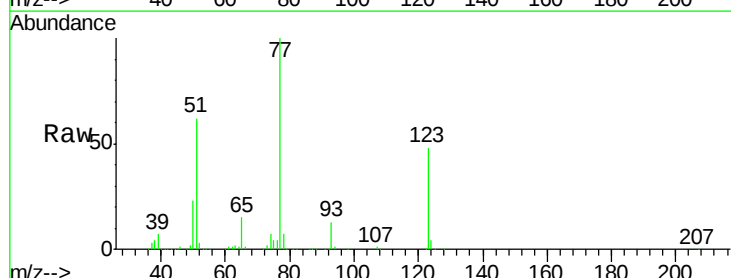
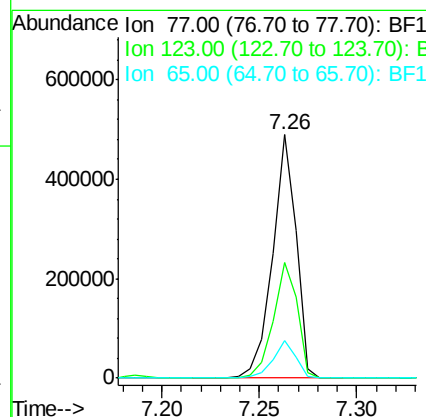
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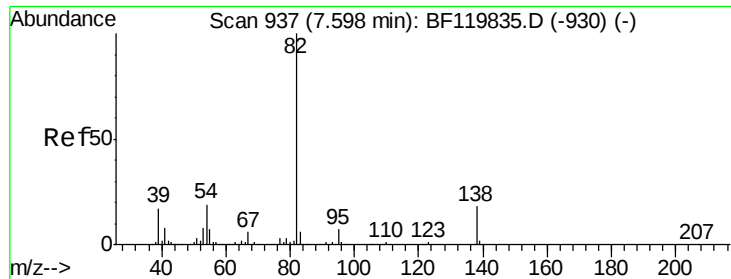
mohammad
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#24
Nitrobenzene
Concen: 37.16 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.0	57.0
65	15.3	12.6	18.8





#25

Isophorone

Concen: 36.09 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

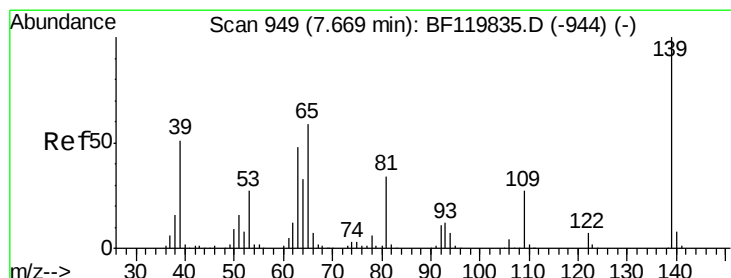
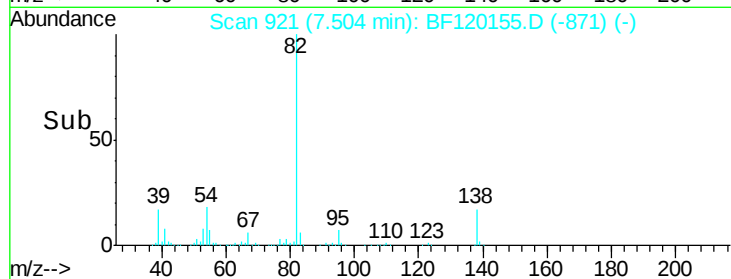
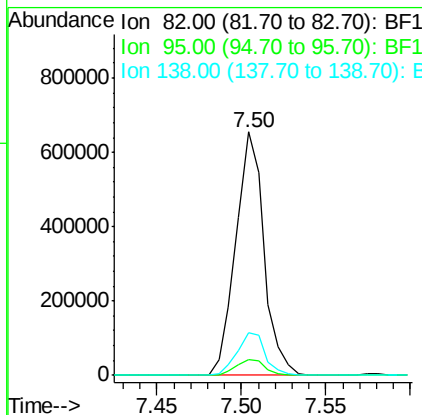
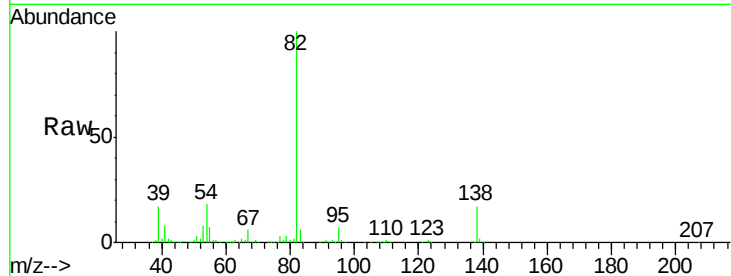
ClientSampleId :

TR-05-042020MS

Tgt Ion:	82	Resp:	762622
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.8	8.6
138	17.3	14.6	21.8

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#26

2-Nitrophenol

Concen: 38.15 ng

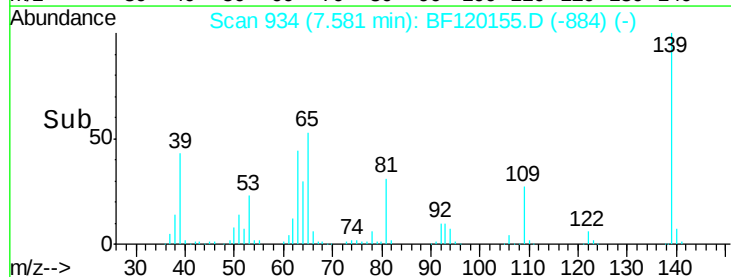
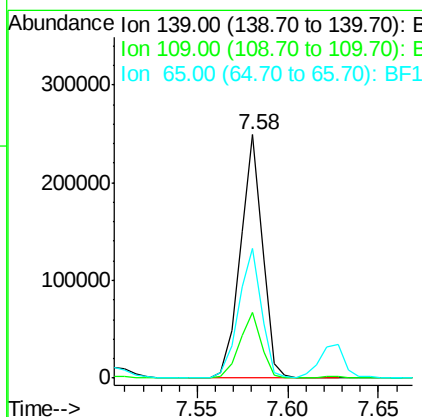
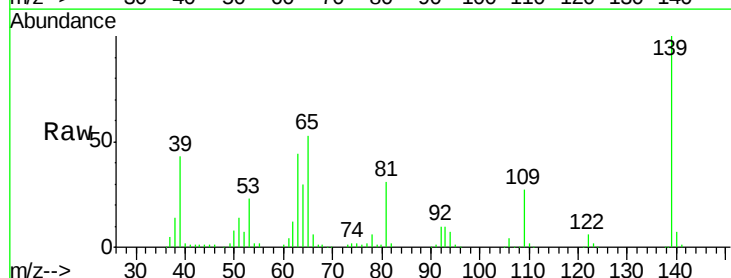
RT: 7.58 min Scan# 934

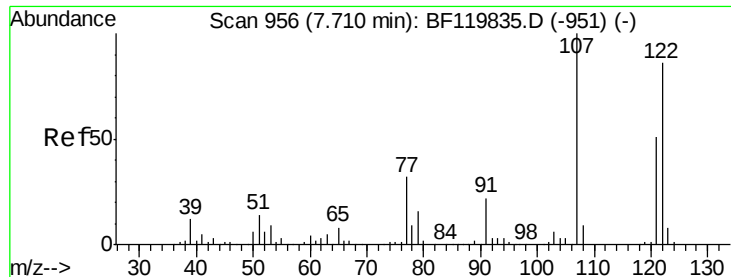
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	139	Resp:	210167
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.1	33.1
65	53.2	49.2	73.8





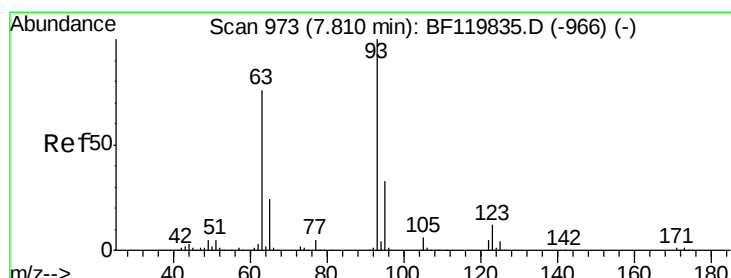
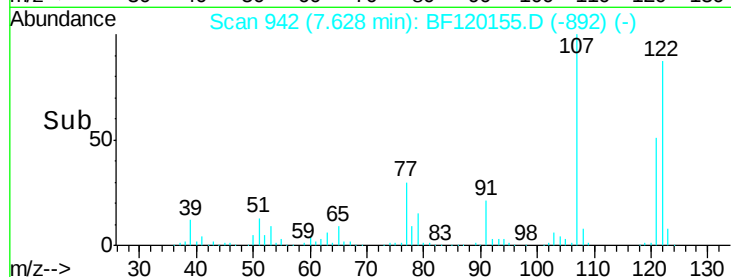
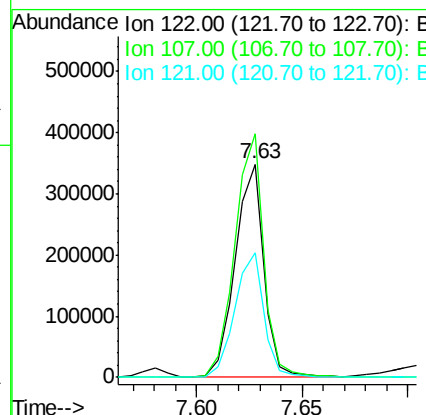
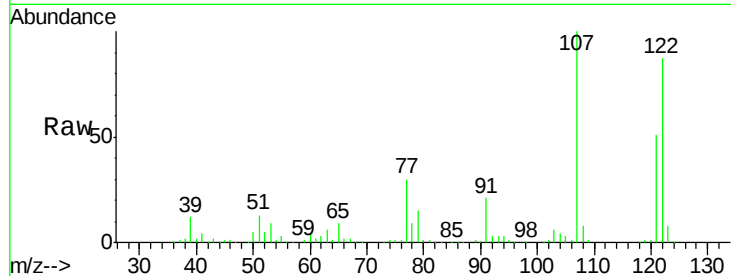
#27
 2,4-Dimethylphenol
 Concen: 39.32 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	326690		
107	114.3	89.0	133.6	
121	58.8	46.7	70.1	

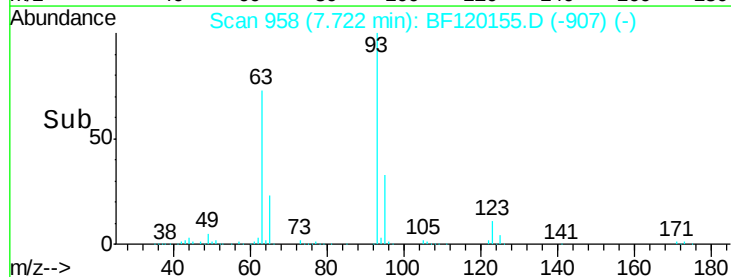
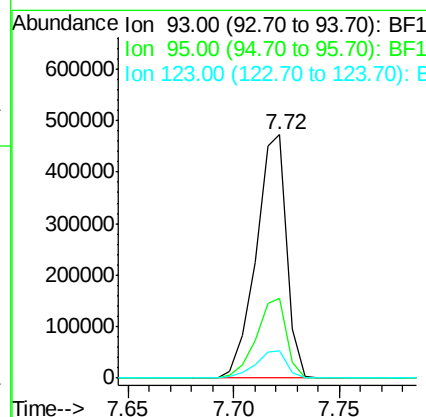
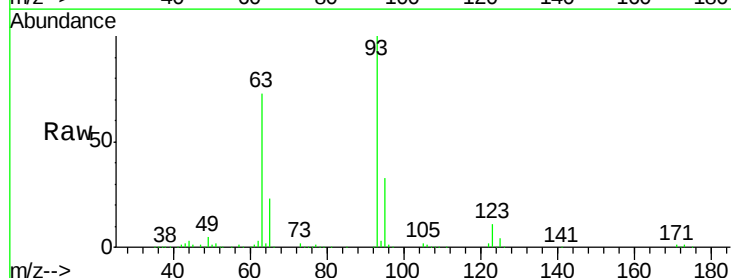
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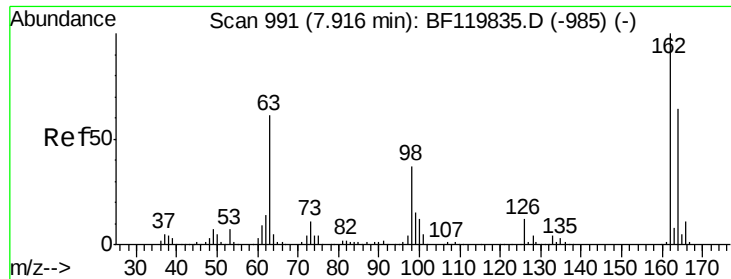
mohammad
 4/24/2020 4:18:12 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.11 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	473820		
95	32.6	26.3	39.5	
123	11.5	9.7	14.5	





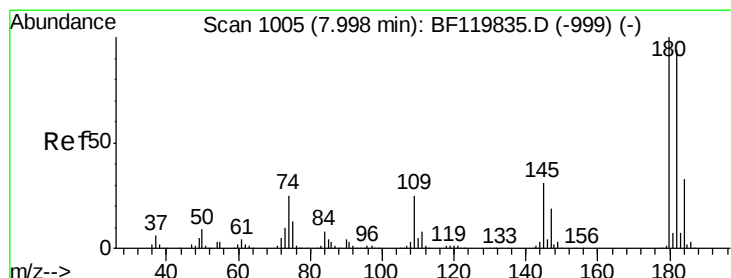
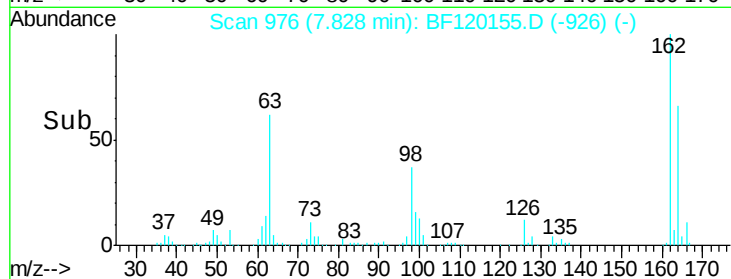
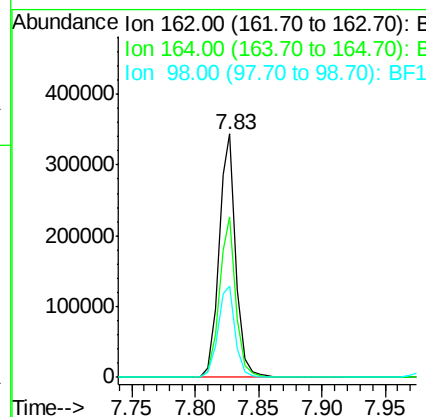
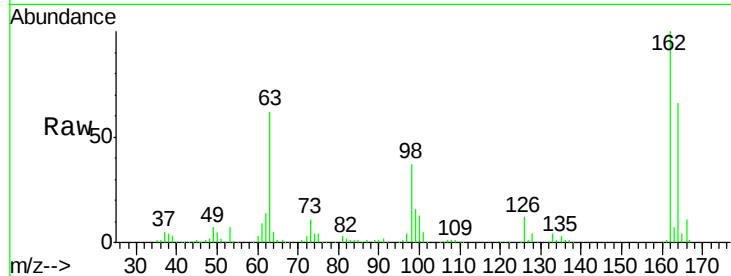
#29
2,4-Dichlorophenol
Concen: 37.67 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	320821		
164	65.8	44.7	84.7	
98	37.4	20.7	60.7	

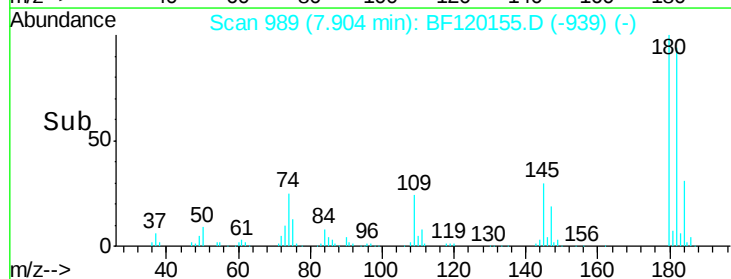
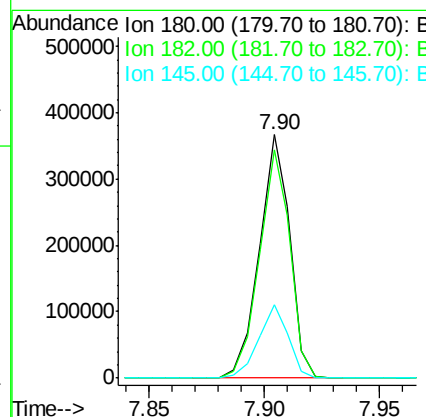
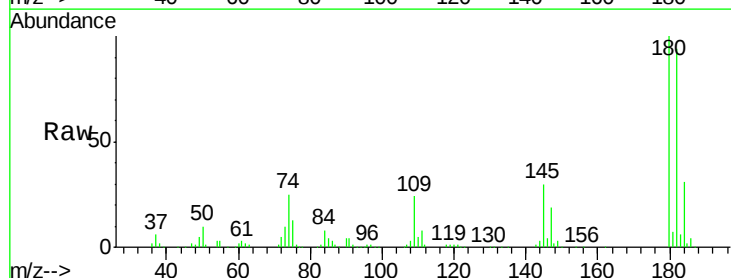
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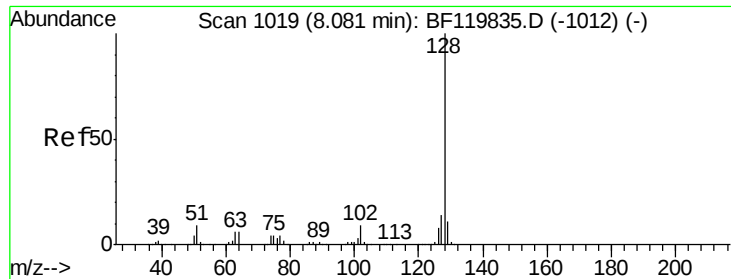
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 34.80 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	335811		
182	93.8	74.7	112.1	
145	30.2	24.5	36.7	





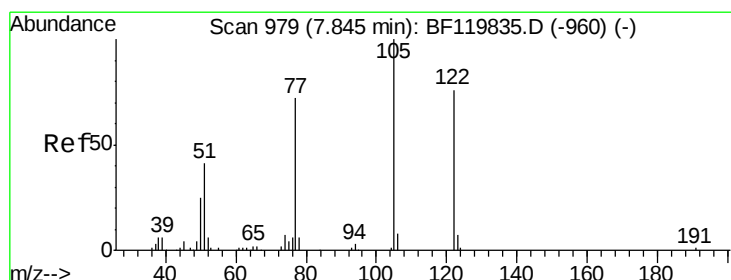
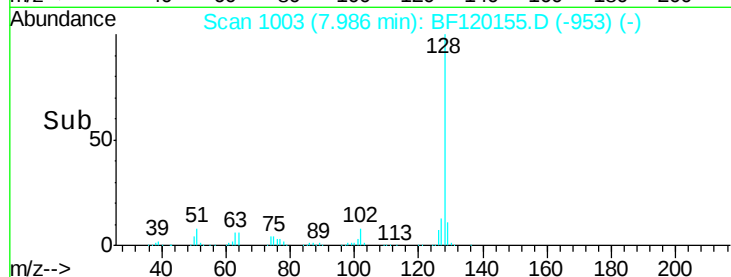
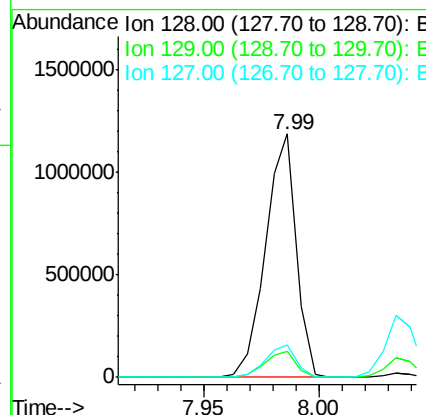
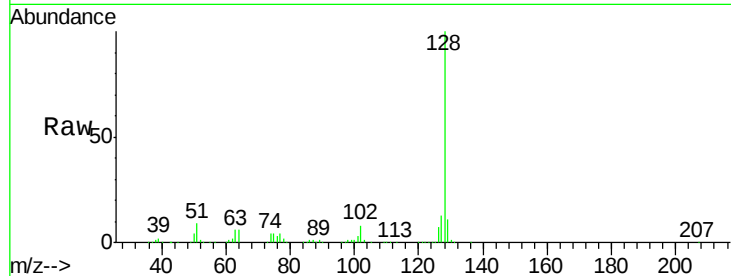
#31
Naphthalene
Concen: 36.87 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.4	11.3	16.9

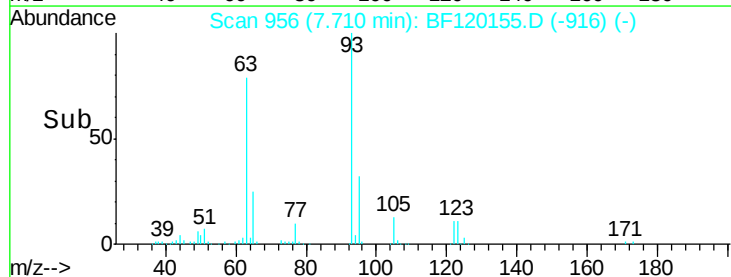
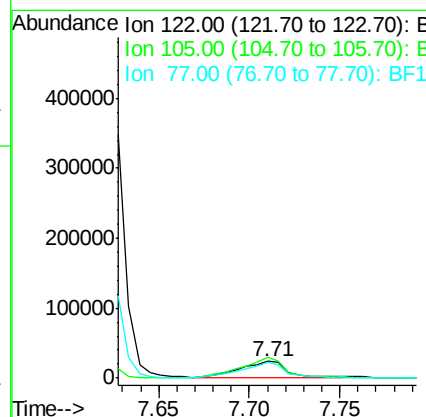
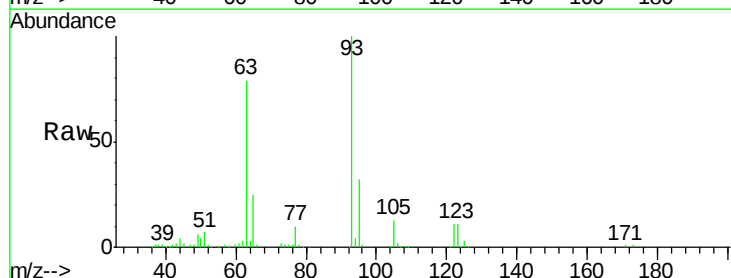
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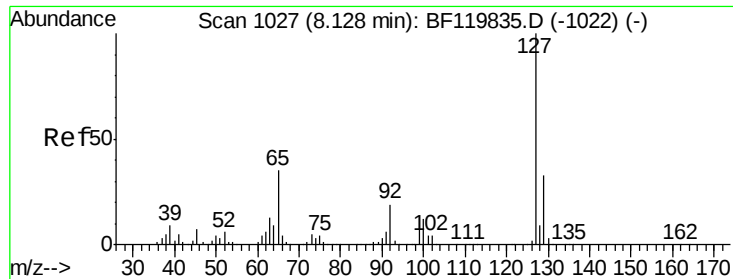
mohammad
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#32
Benzoic acid
Concen: 5.29 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.06 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.9	144.9
77	92.2	74.4	114.4





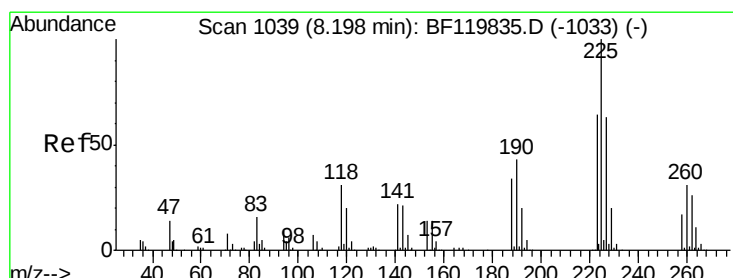
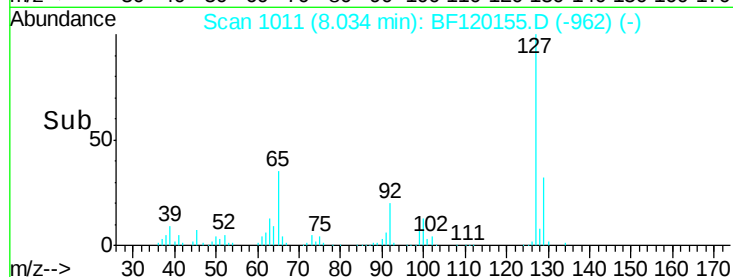
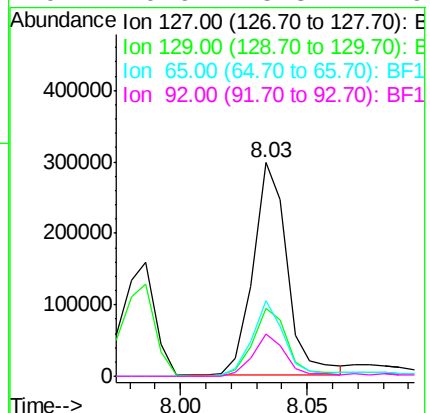
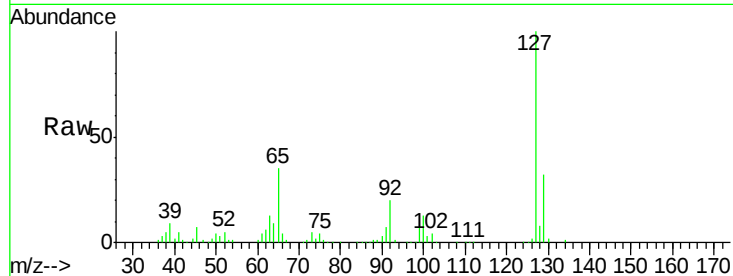
#33
4-Chloroaniline
Concen: 21.77 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.0	26.2	39.4
65	35.1	27.4	41.0
92	19.6	15.3	22.9

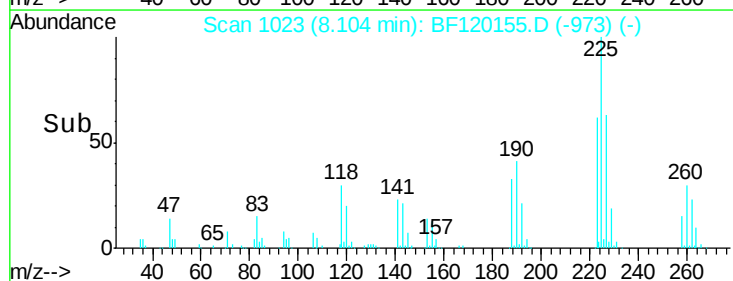
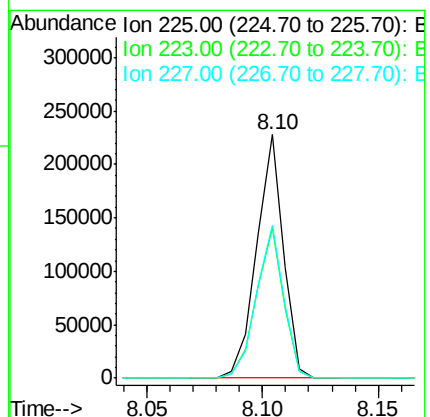
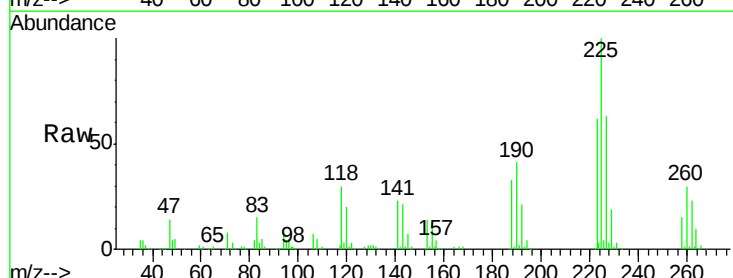
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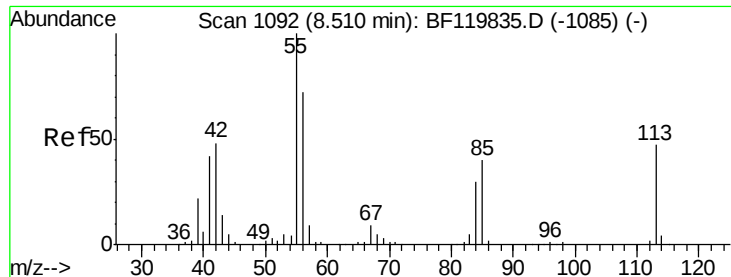
mohammad
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#34
Hexachlorobutadiene
Concen: 32.13 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.7	51.0	76.6
227	62.7	50.7	76.1





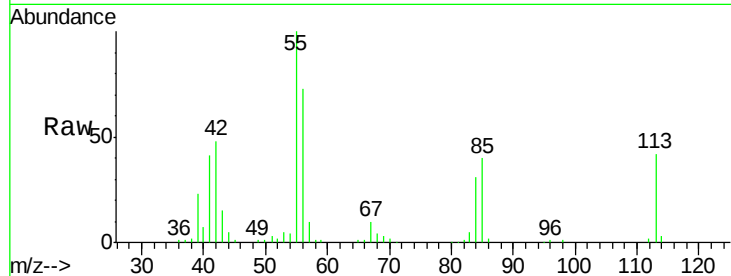
#35
 Caprolactam
 Concen: 30.70 ng m
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

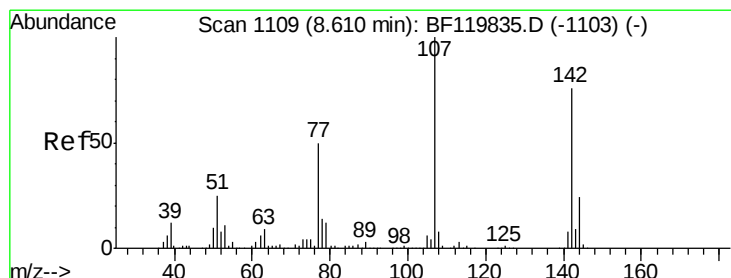
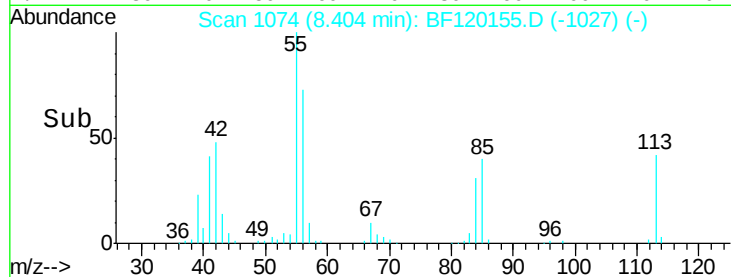
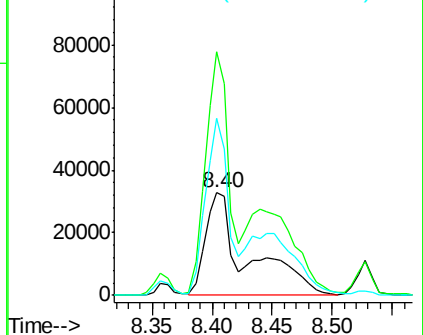
Tgt Ion:113 Resp: 79990
 Ion Ratio Lower Upper
 113 100
 55 236.9 218.4 258.4
 56 172.4 148.9 188.9

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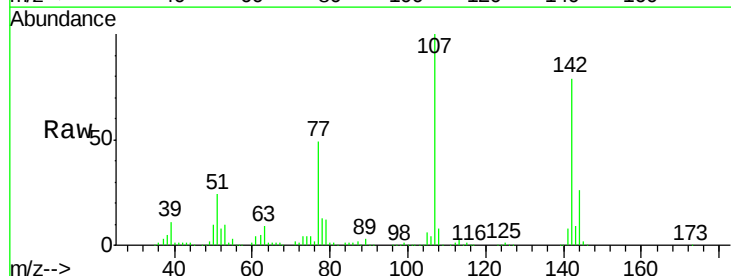


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

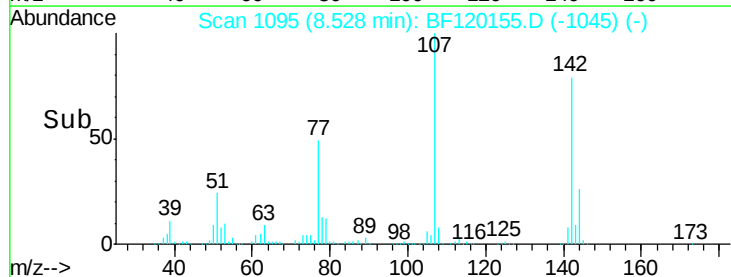
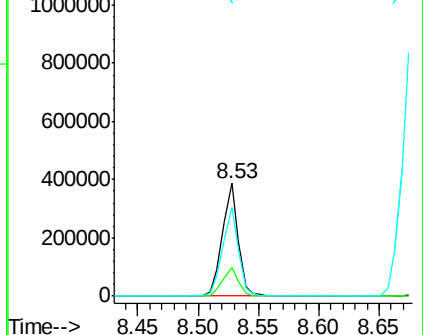


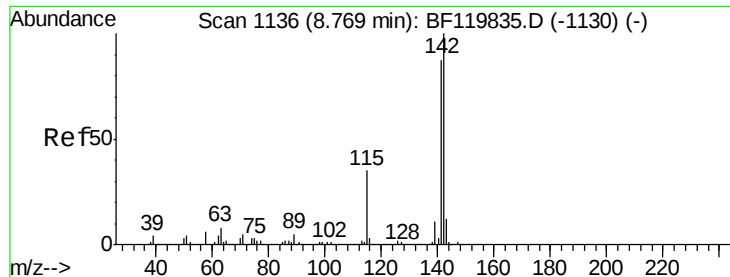
#36
 4-Chloro-3-methylphenol
 Concen: 37.93 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:107 Resp: 349721
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.6
 142 79.4 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





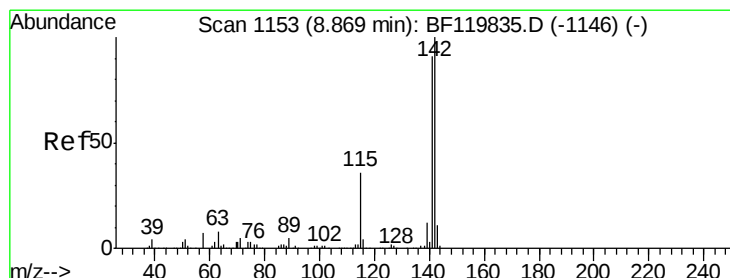
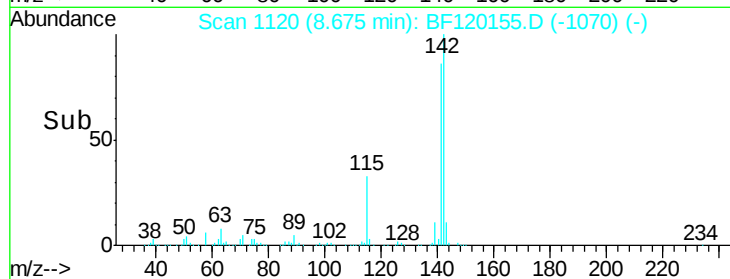
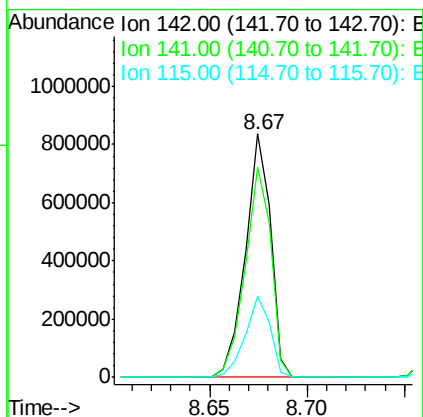
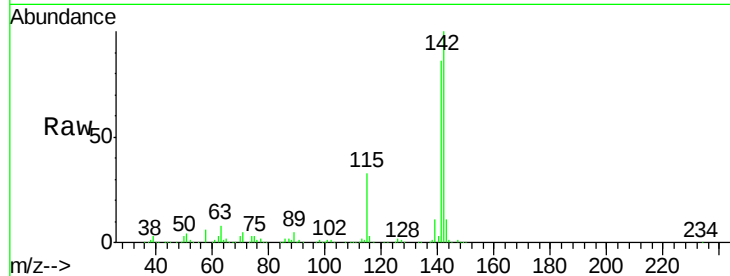
#37
2-Methylnaphthalene
Concen: 37.08 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.7	107.5
115	33.2	27.9	41.9

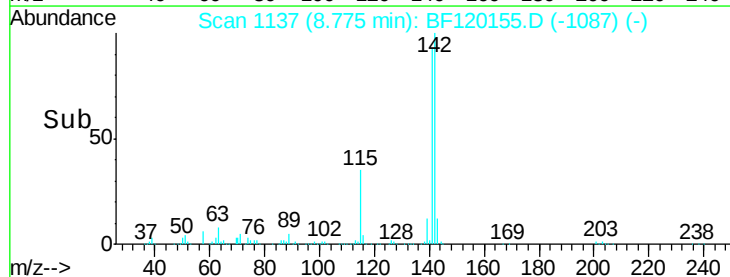
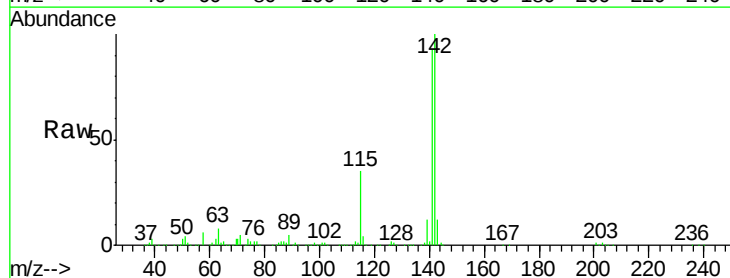
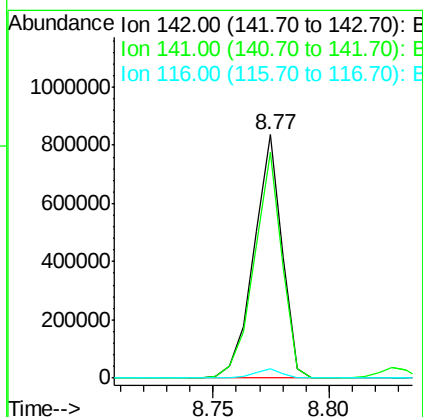
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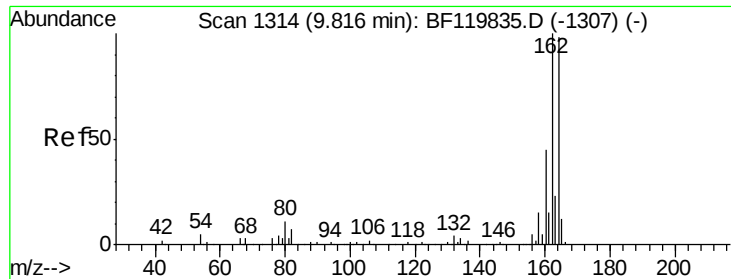
mohammad
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#38
1-Methylnaphthalene
Concen: 37.18 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
116	3.6	3.0	4.6





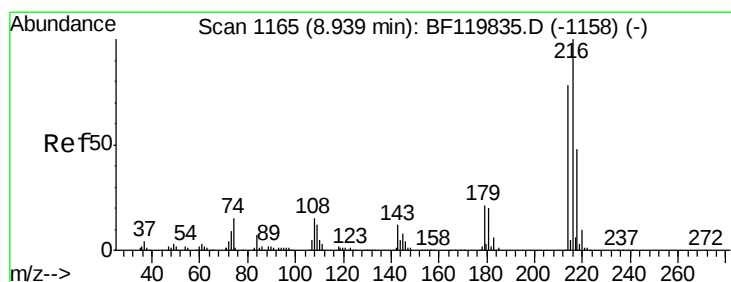
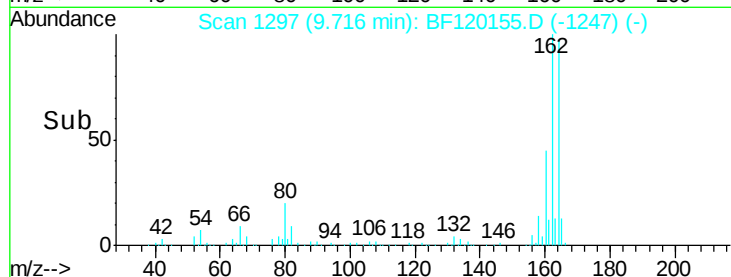
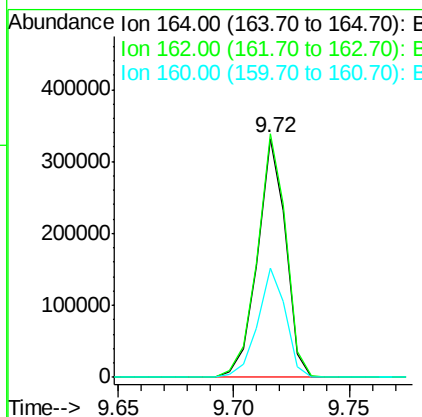
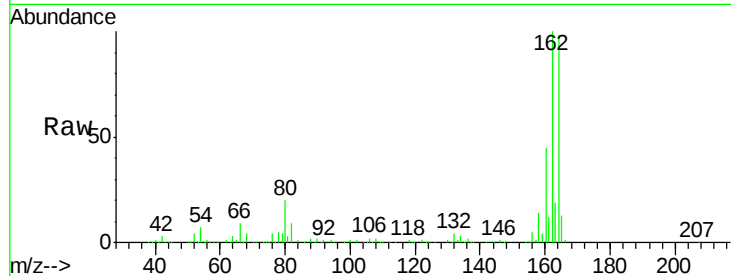
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282060		
162	101.9	80.6	121.0	
160	45.8	35.7	53.5	

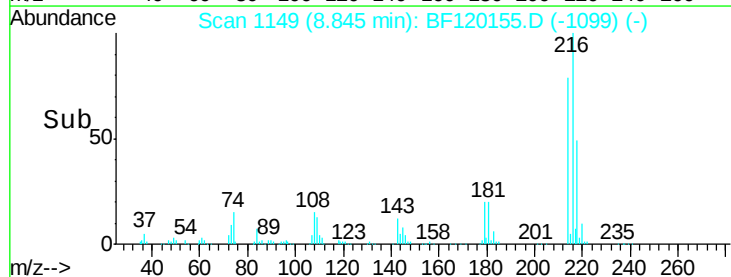
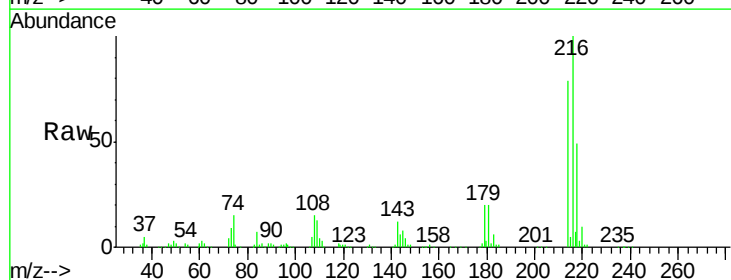
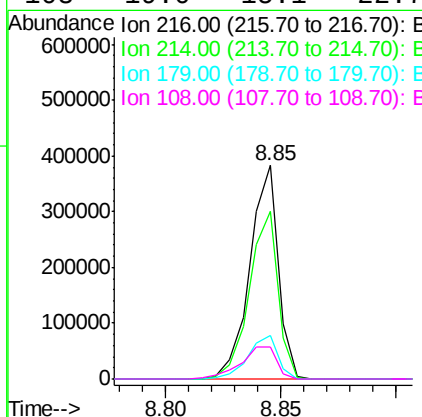
Manual Integrations
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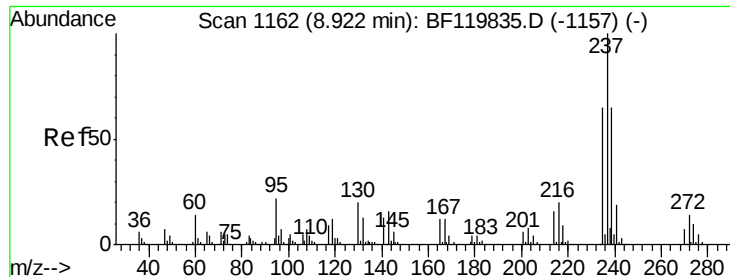
mohammad
4/24/2020 4:18:12 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.11 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	330625		
214	79.5	63.2	94.8	
179	21.0	17.1	25.7	
108	19.0	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 54.48 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

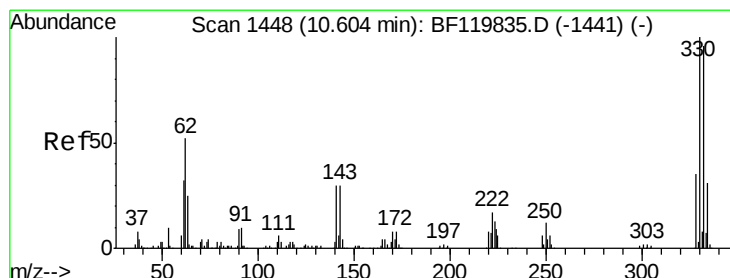
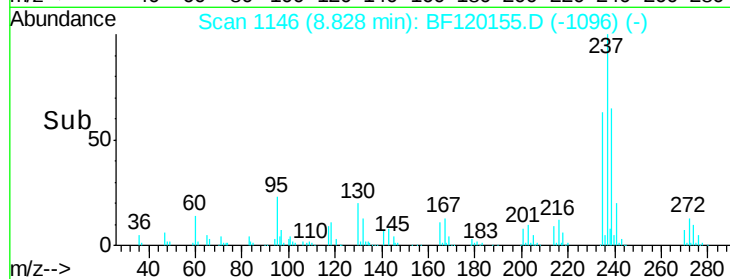
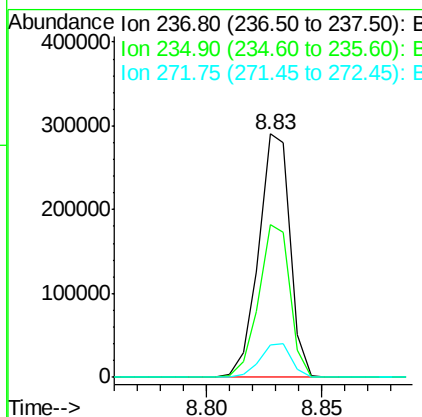
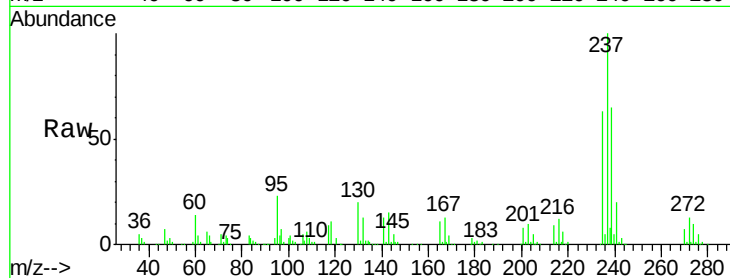
ClientSampleId :

TR-05-042020MS

Tgt Ion:	237	Resp:	275972
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.2	83.2
272	13.3	0.0	34.1

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#42

2,4,6-Tribromophenol

Concen: 94.64 ng

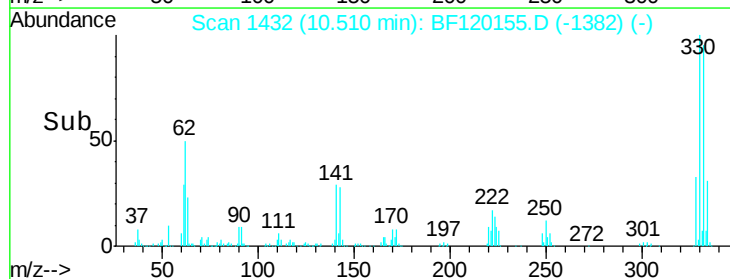
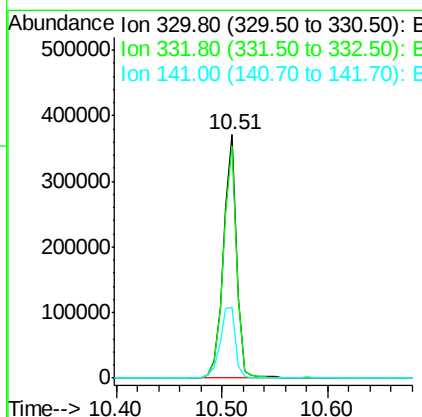
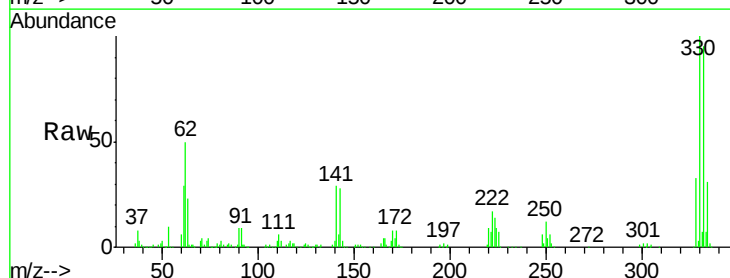
RT: 10.51 min Scan# 1432

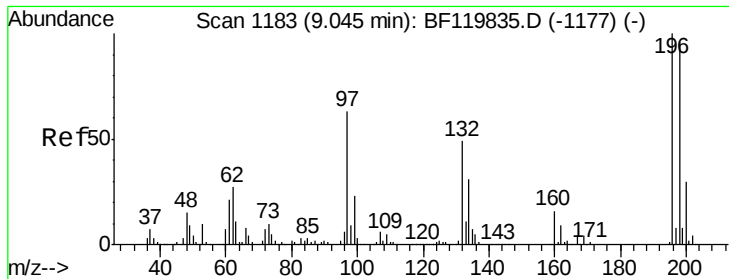
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	330	Resp:	326843
Ion Ratio	Lower	Upper	
330	100		
332	96.3	75.7	113.5
141	33.8	25.4	38.0





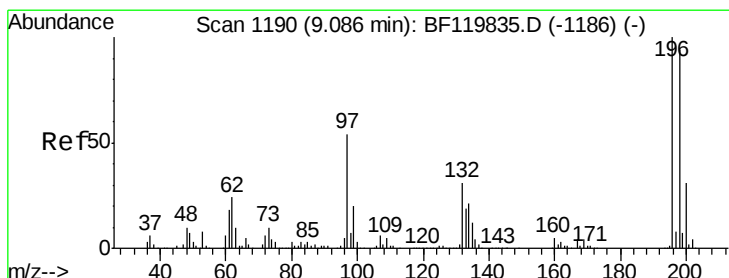
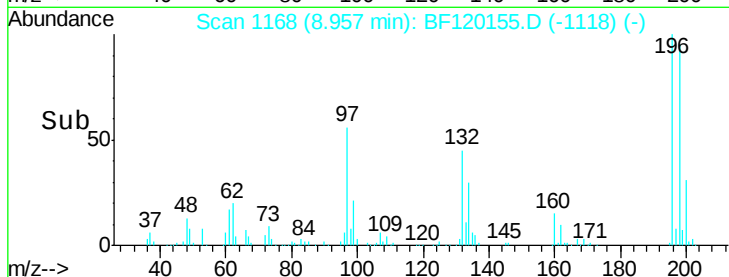
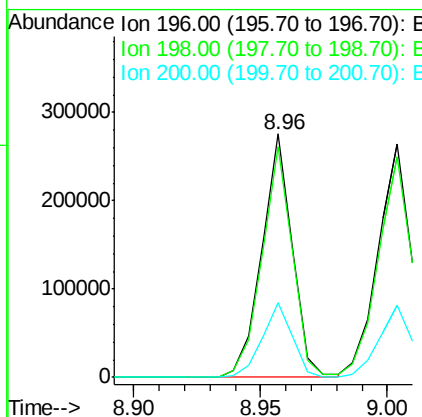
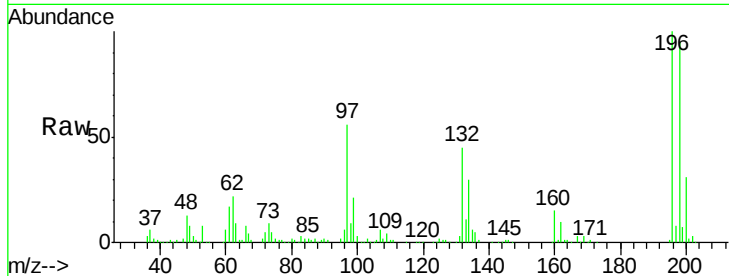
#43
 2,4,6-Trichlorophenol
 Concen: 37.79 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion:	196	Resp:	232464
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.6	115.0
200	30.8	24.6	36.8

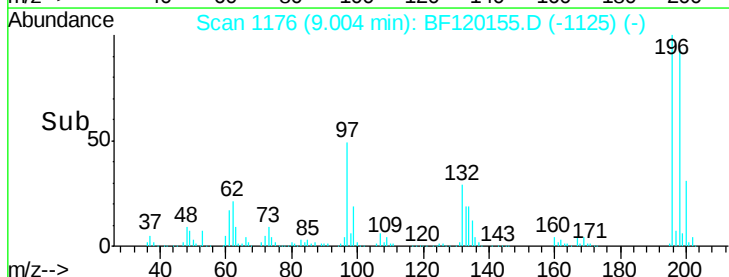
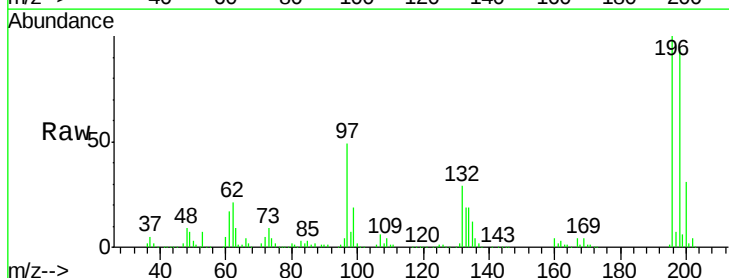
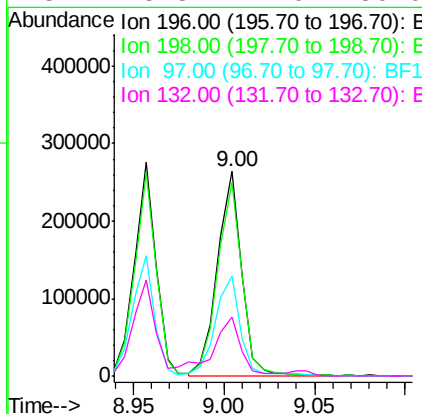
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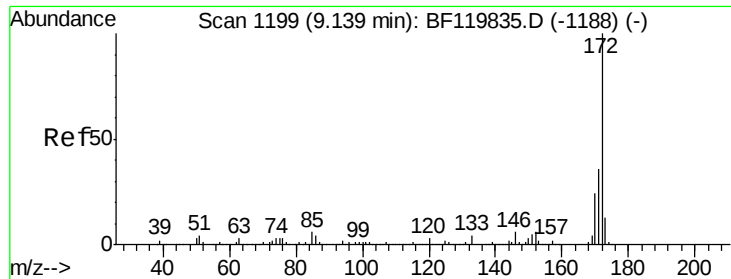
mohammad
 4/24/2020 4:18:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.39 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:	196	Resp:	245242
Ion Ratio	Lower	Upper	
196	100		
198	94.5	73.8	110.8
97	48.8	42.6	63.8
132	28.8	24.0	36.0





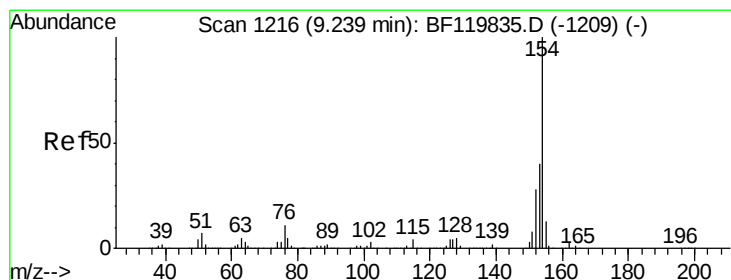
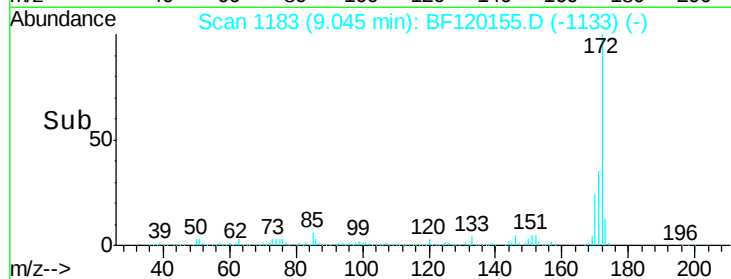
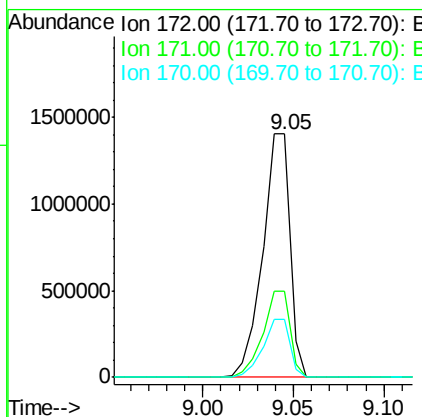
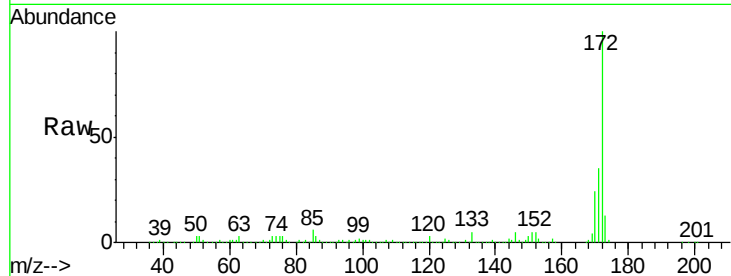
#45
 2-Fluorobiphenyl
 Concen: 74.27 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.8	20.2	30.2

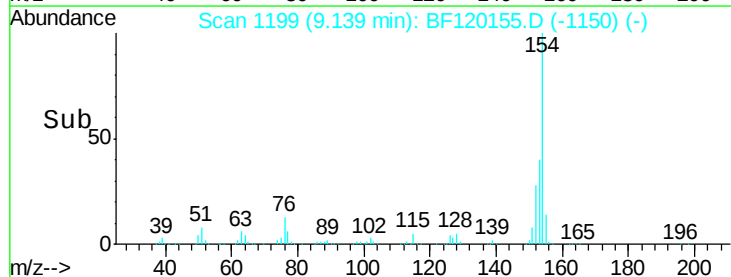
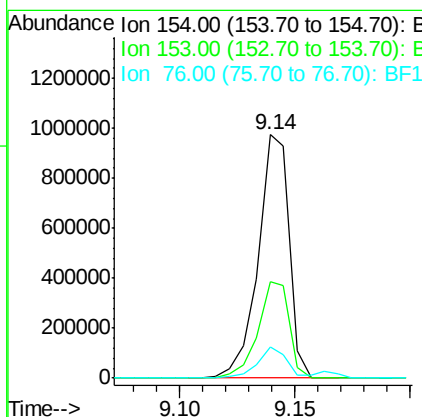
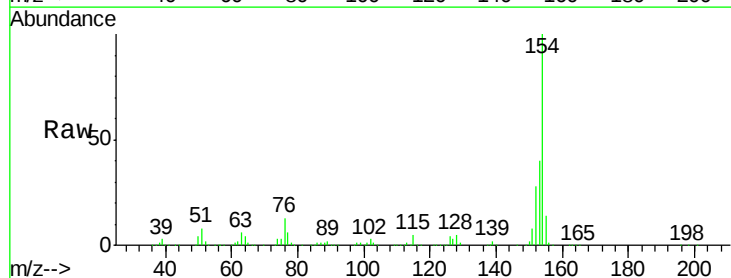
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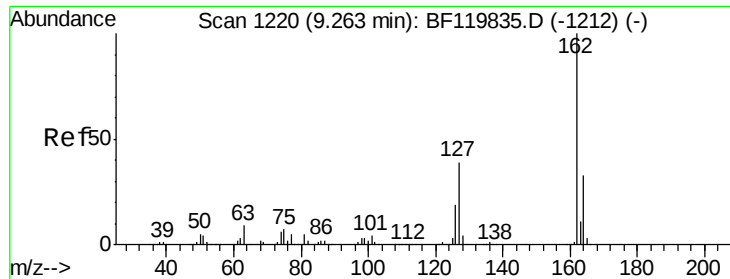
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.23 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.4	61.4
76	13.0	0.0	33.0





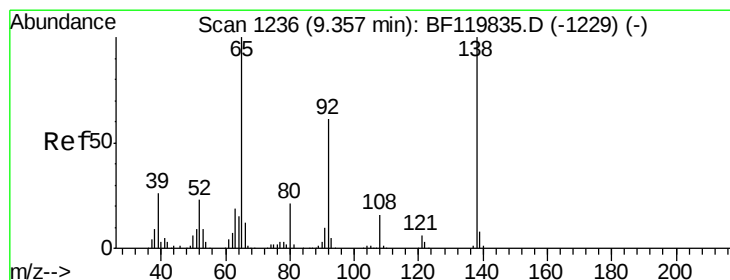
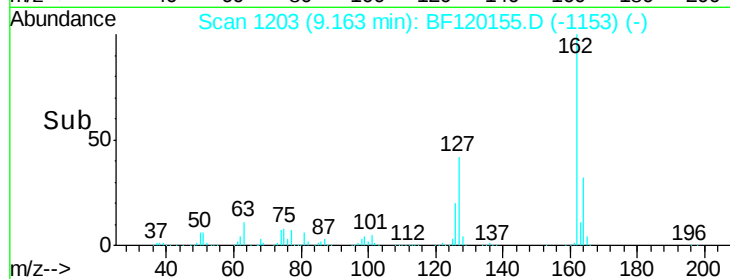
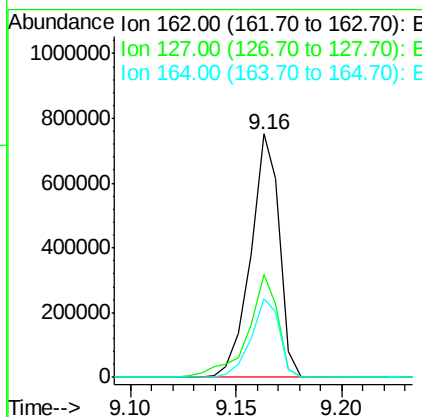
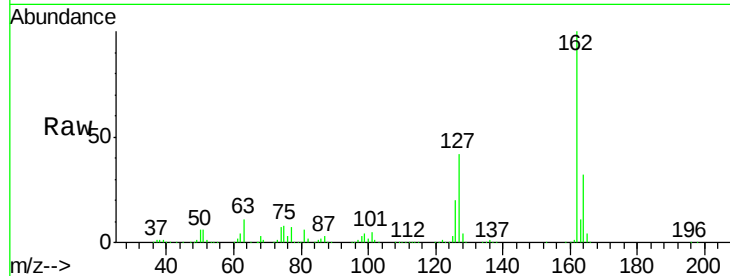
#47
 2-Chloronaphthalene
 Concen: 38.48 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion:	162	Resp:	705664
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.7	50.5
164	32.5	26.3	39.5

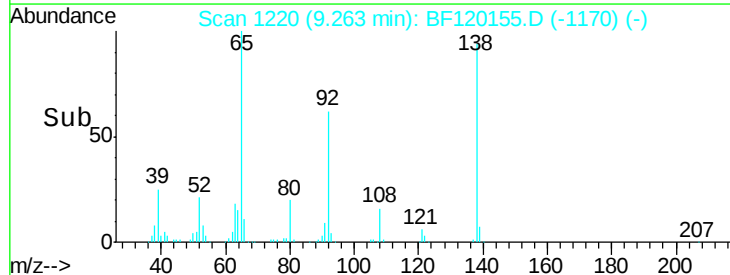
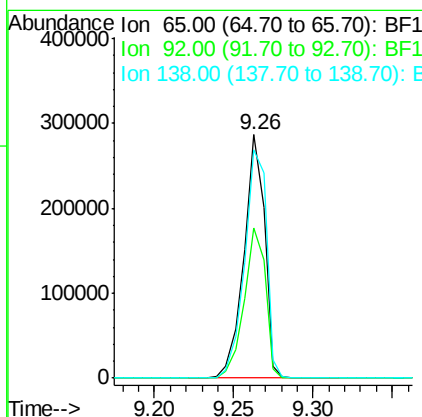
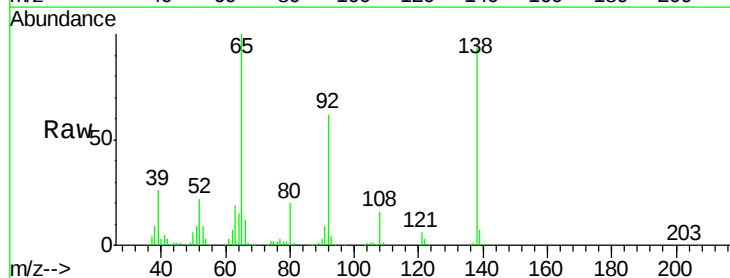
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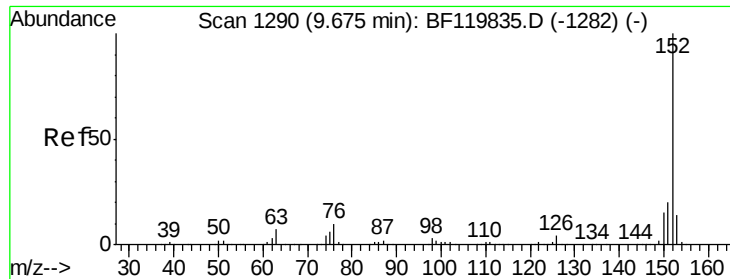
mohammad
 4/24/2020 4:18:12 AM



#48
 2-Nitroaniline
 Concen: 38.83 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:	65	Resp:	258045
Ion Ratio	Lower	Upper	
65	100		
92	61.9	50.0	75.0
138	93.7	75.0	112.4





#49

Acenaphthylene

Concen: 39.26 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MS

Tgt Ion:152 Resp: 1095087

Ion Ratio Lower Upper

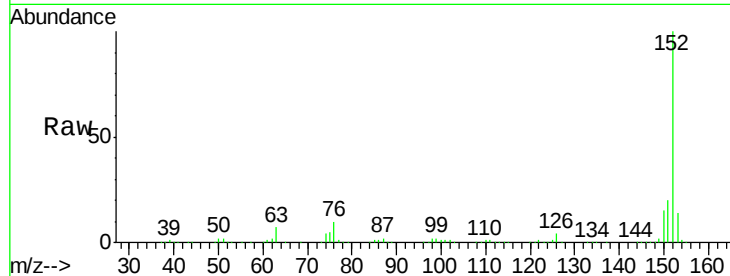
152 100

151 20.3 17.2 25.8

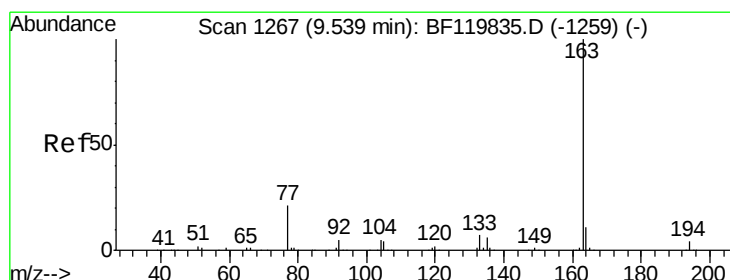
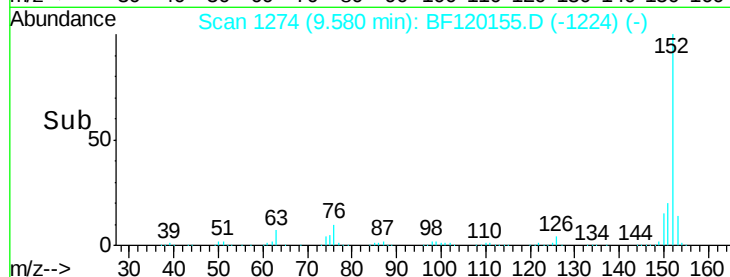
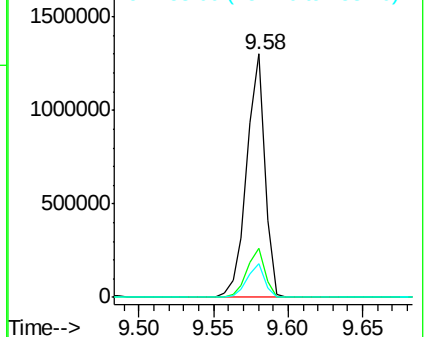
153 13.6 11.2 16.8

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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: 38.01 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

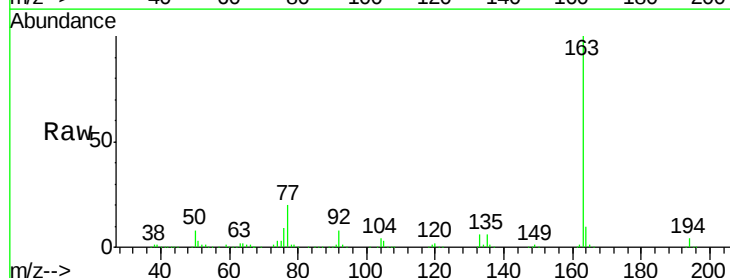
Tgt Ion:163 Resp: 829250

Ion Ratio Lower Upper

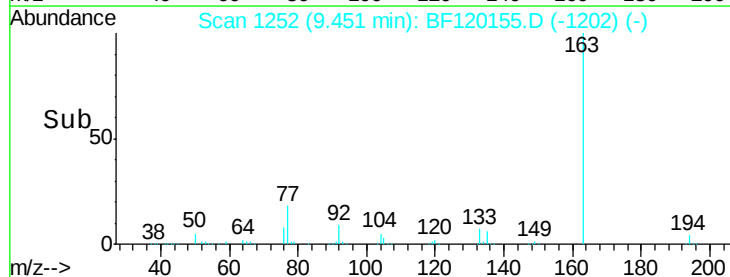
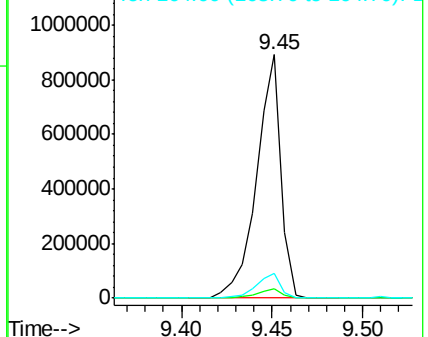
163 100

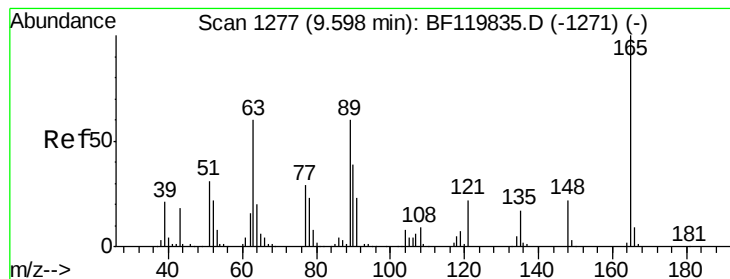
194 3.7 3.1 4.7

164 10.1 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 38.99 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

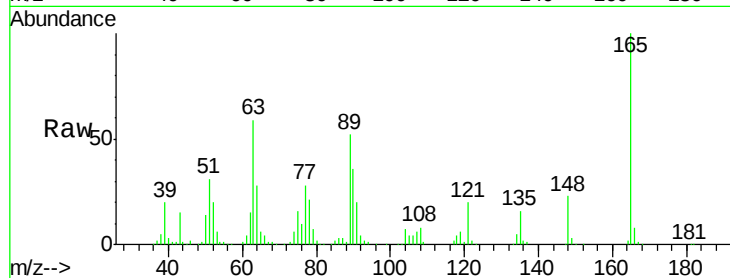
ClientSampleId :

TR-05-042020MS

Tgt Ion:	165	Resp:	186253
Ion Ratio	Lower	Upper	
165	100		
63	59.1	45.0	67.4
89	52.5	41.5	62.3

Manual Integrations
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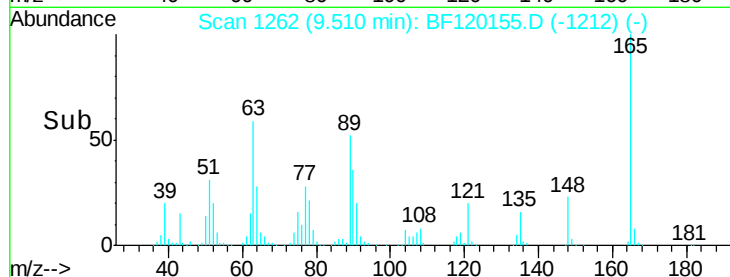


Abundance Ion 165.00 (164.70 to 165.70): E

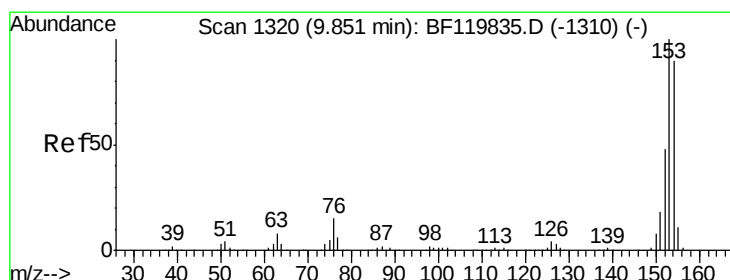
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 35.49 ng

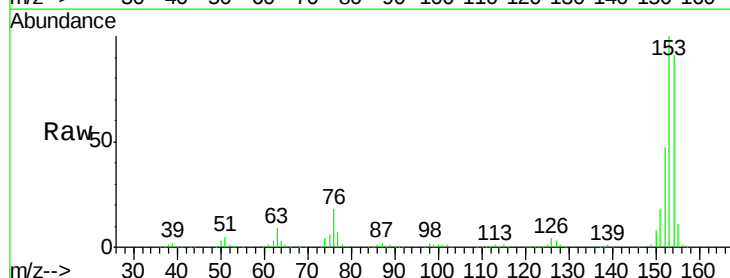
RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	154	Resp:	660345
Ion Ratio	Lower	Upper	
154	100		
153	110.4	88.1	132.1
152	52.4	43.0	64.4

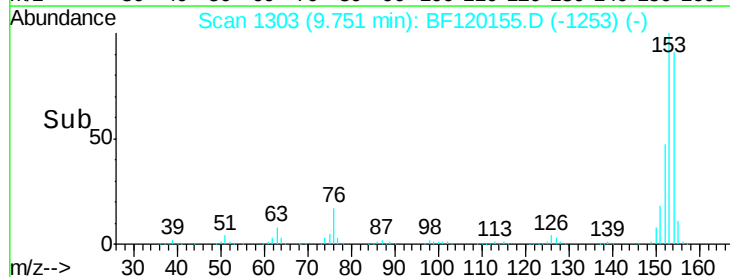


Abundance Ion 154.00 (153.70 to 154.70): E

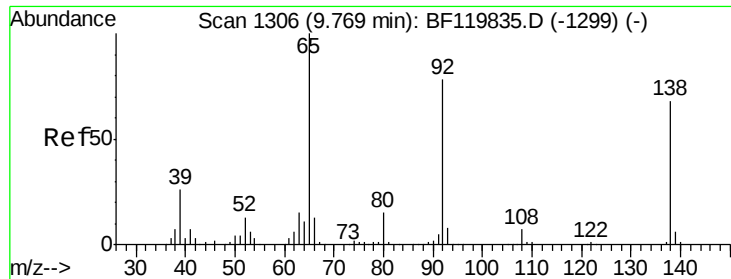
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



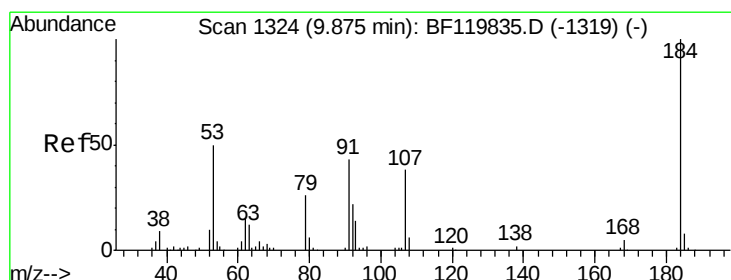
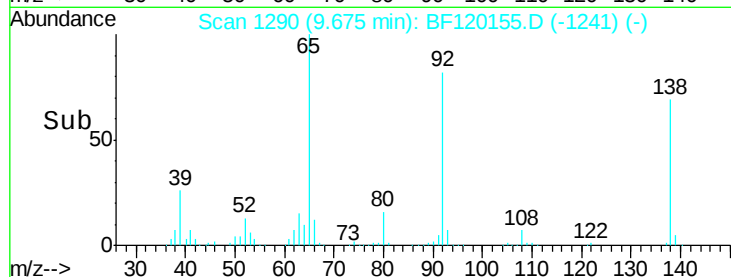
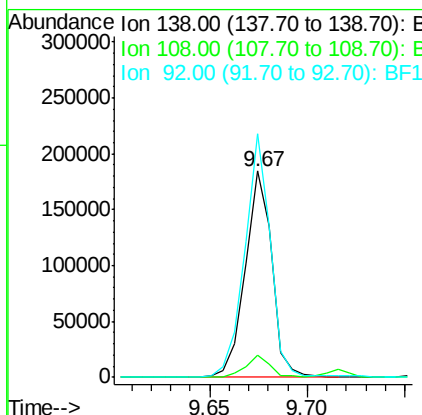
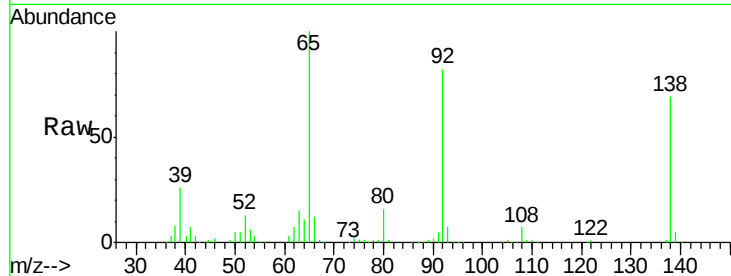
#53
 3-Nitroaniline
 Concen: 31.96 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	174384		
108	10.7	8.6	13.0	
92	118.2	95.4	143.0	

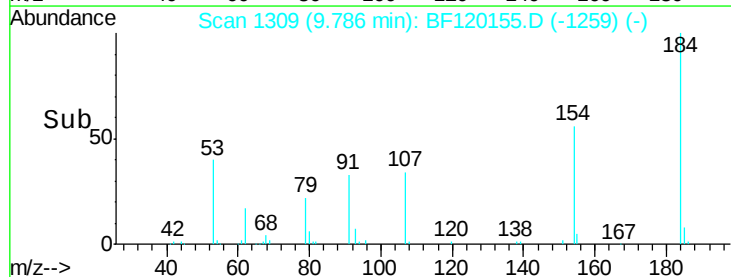
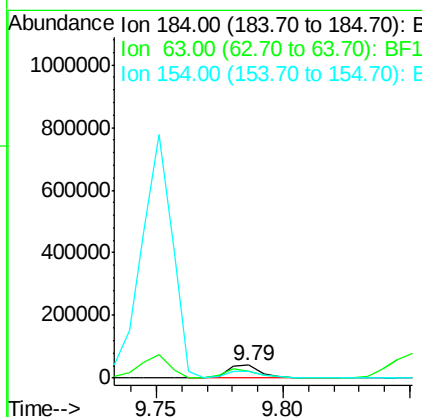
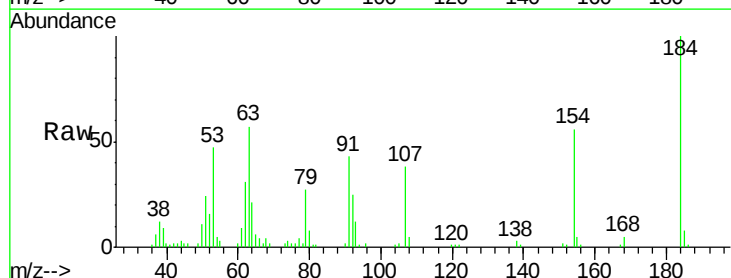
Manual Integrations
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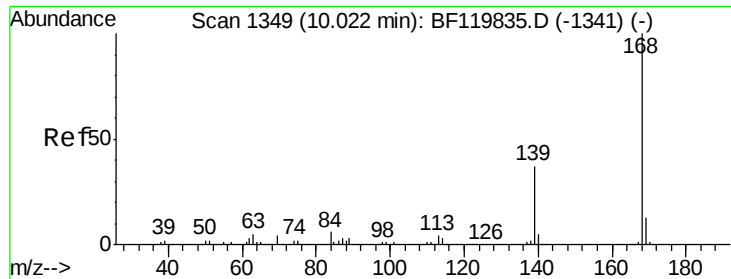
mohammad
 4/24/2020 4:18:12 AM



#54
 2,4-Dinitrophenol
 Concen: 14.10 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	40317		
63	57.5	50.2	75.4	
154	56.4	44.5	66.7	





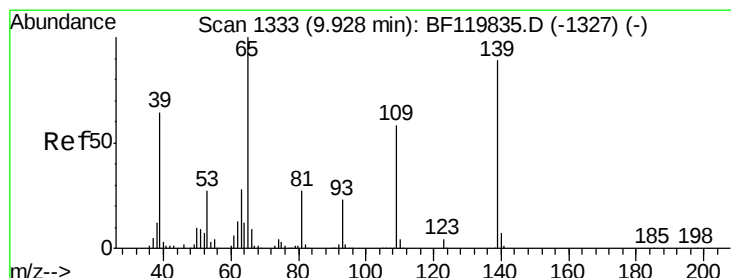
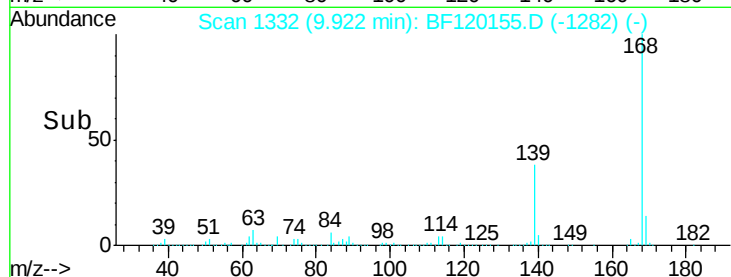
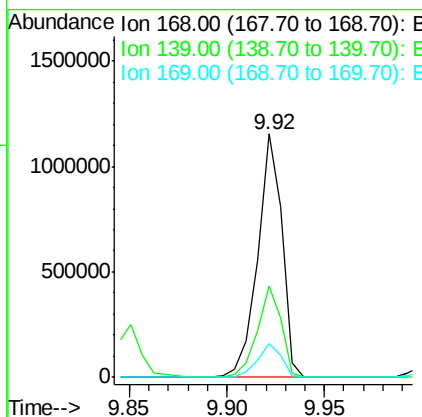
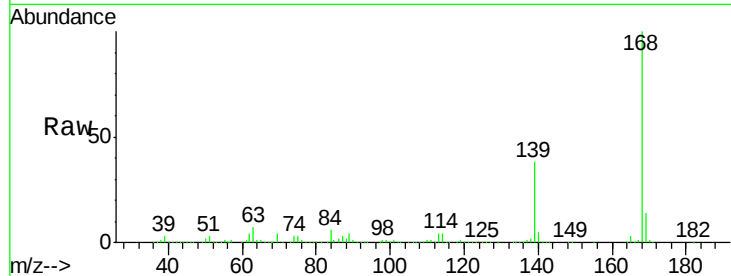
#55
Dibenzofuran
Concen: 38.78 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.9	11.0	16.6

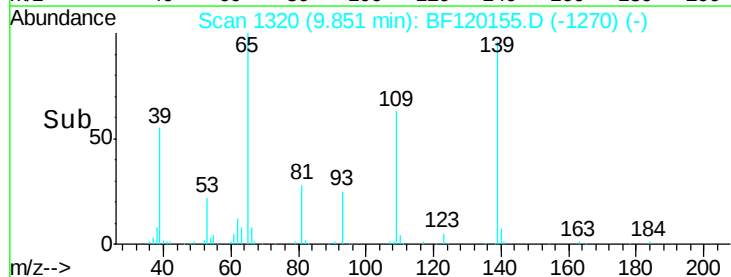
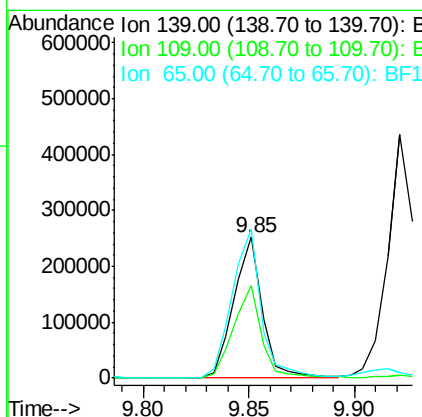
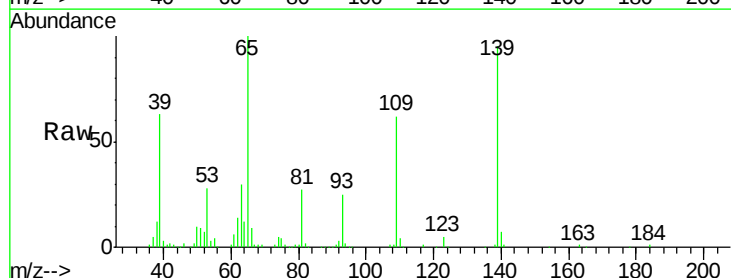
Manual Integrations
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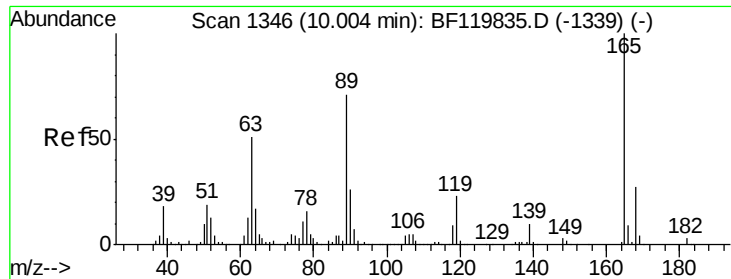
mohammad
4/24/2020 4:18:12 AM



#56
4-Nitrophenol
Concen: 58.30 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	43.3	83.3
65	105.8	91.0	131.0





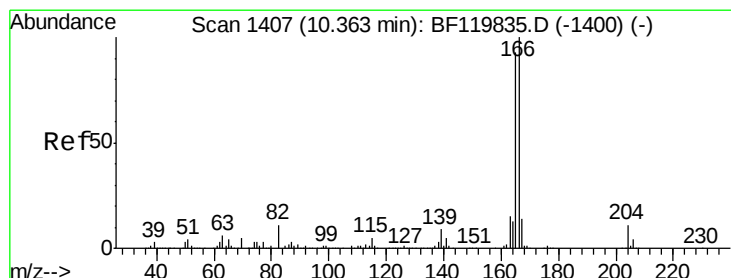
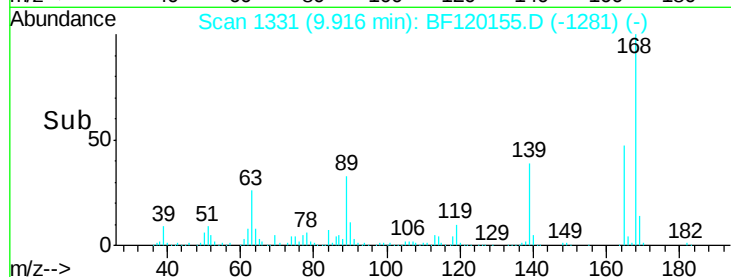
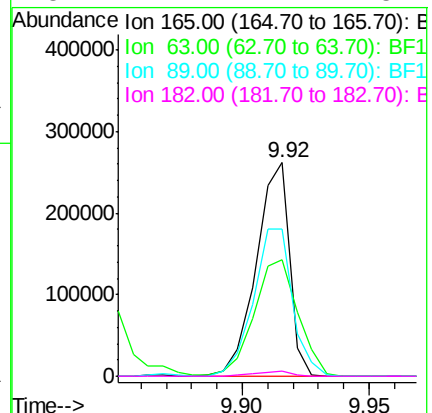
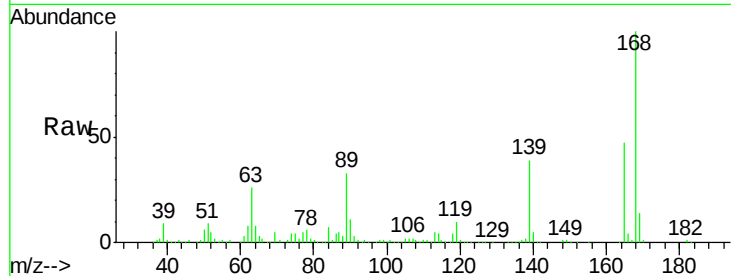
#57
2,4-Dinitrotoluene
Concen: 38.18 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240321		
63	54.6	42.6	64.0	
89	69.1	61.0	91.4	
182	2.7	2.2	3.2	

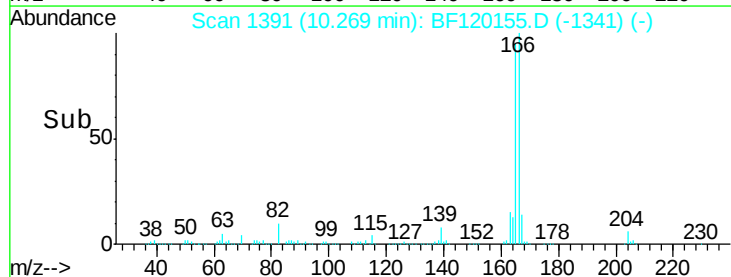
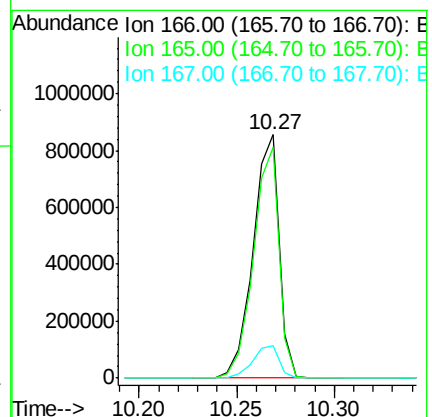
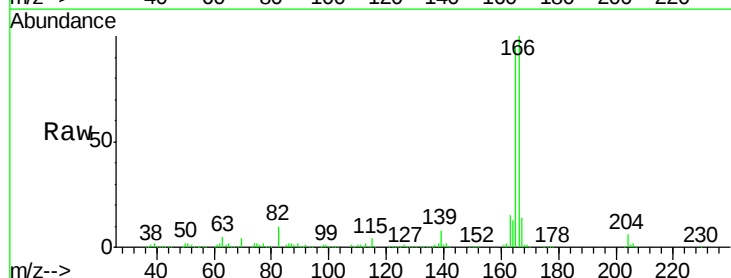
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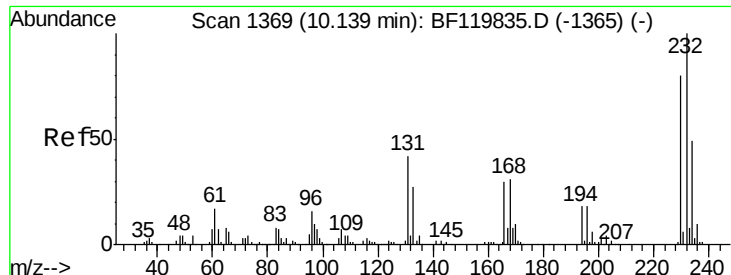
mohammad
4/24/2020 4:18:12 AM



#58
Fluorene
Concen: 38.66 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	789491		
165	94.8	75.4	113.2	
167	13.5	11.2	16.8	





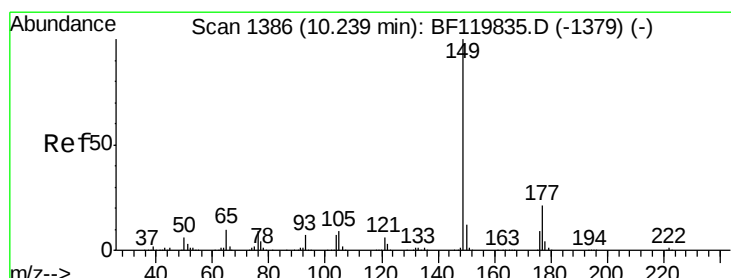
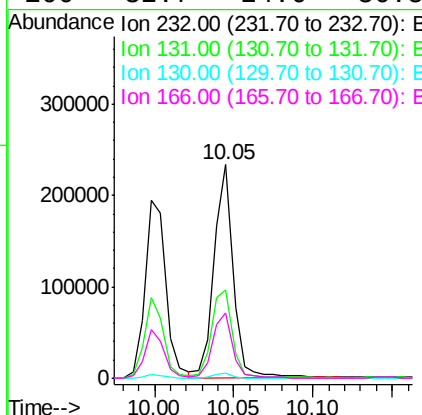
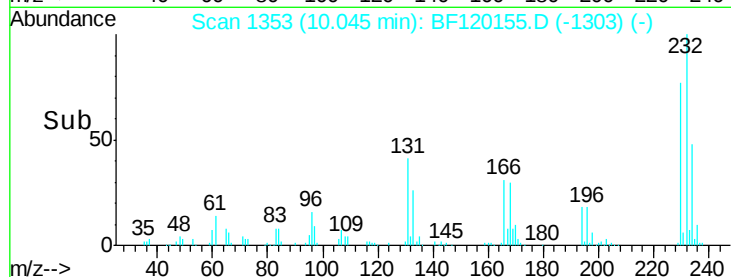
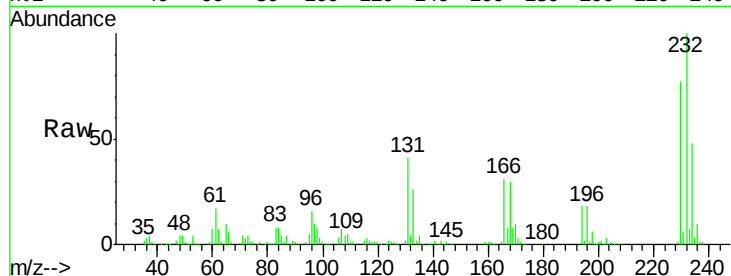
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.15 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	196870		
131	47.1	37.5	56.3	
130	2.1	1.8	2.6	
166	32.7	24.6	36.8	

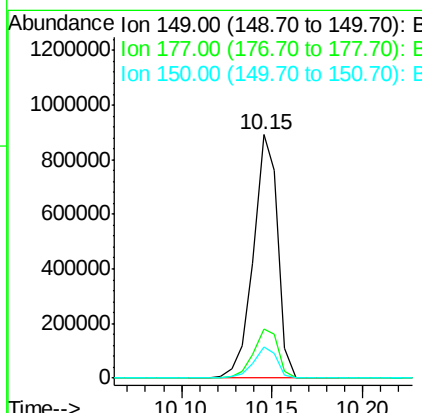
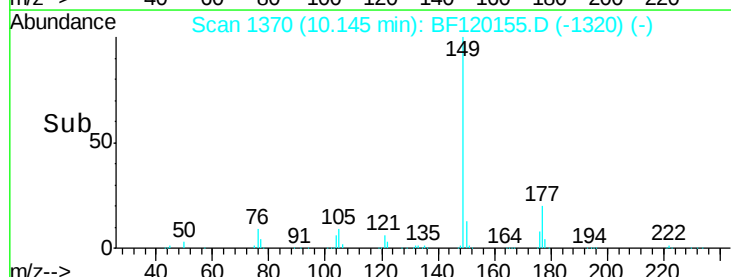
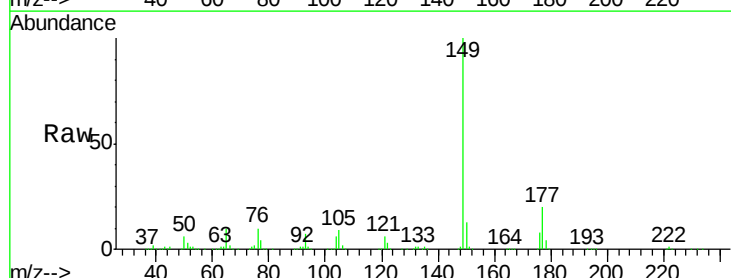
Manual Integrations
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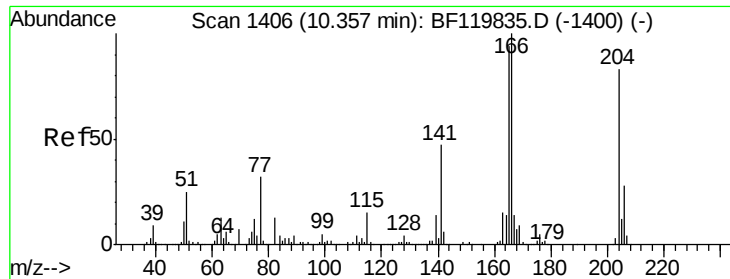
mohammad
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#60
 Diethylphthalate
 Concen: 36.66 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	829019		
177	20.4	17.0	25.6	
150	12.6	10.1	15.1	





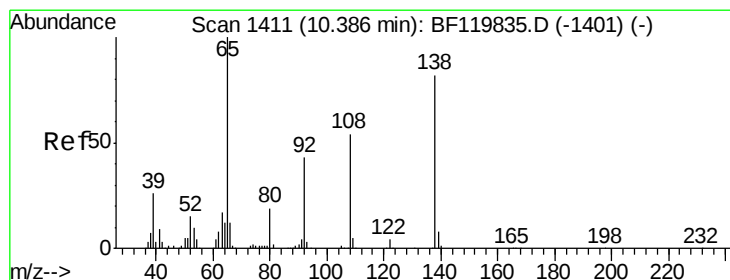
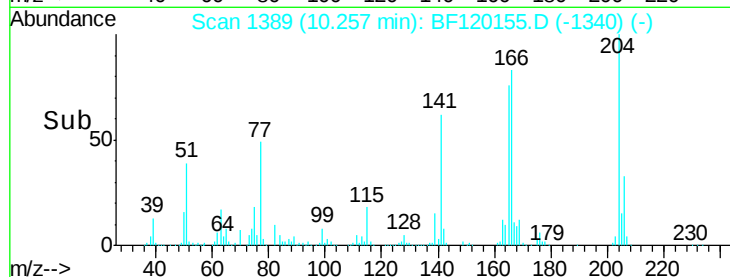
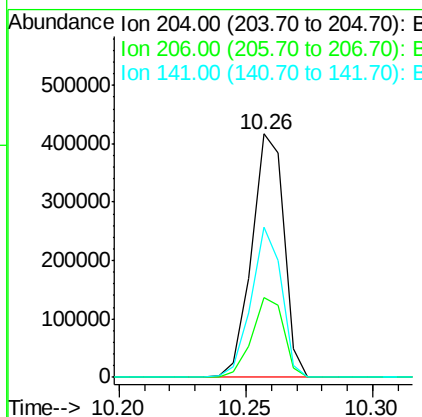
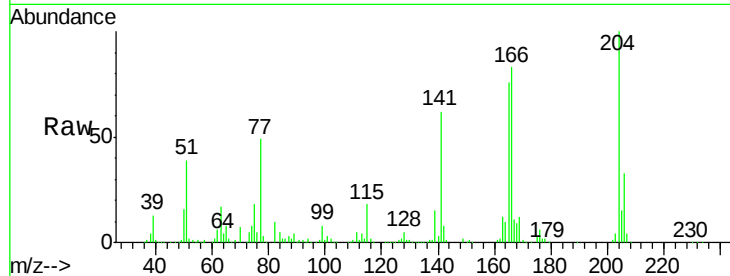
#61
 4-Chlorophenyl-phenylether
 Concen: 35.40 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	370459		
206	32.8	26.7	40.1	
141	61.5	47.3	70.9	

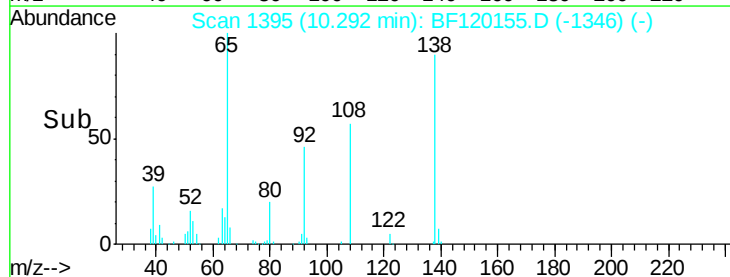
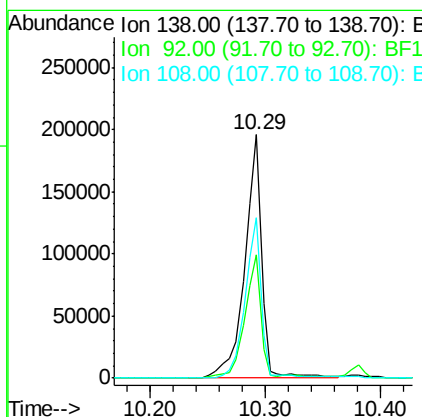
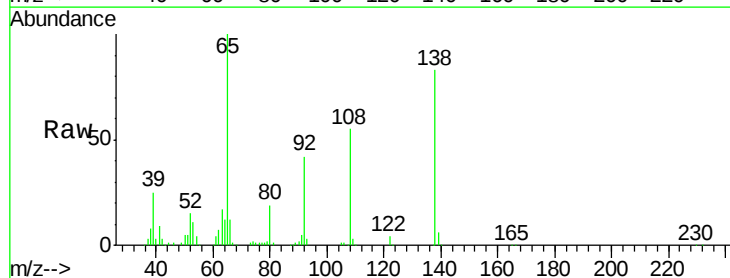
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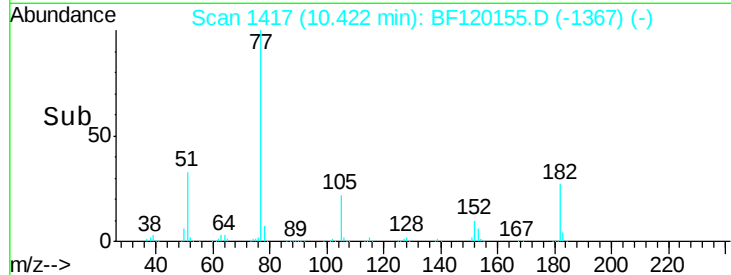
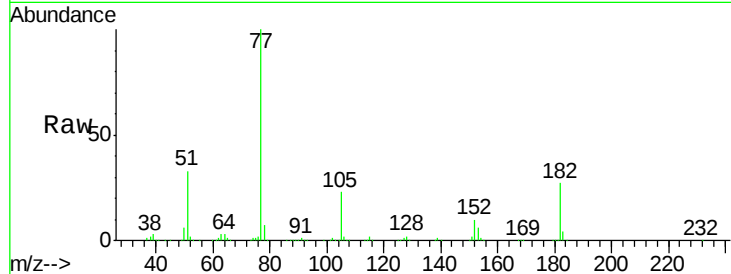
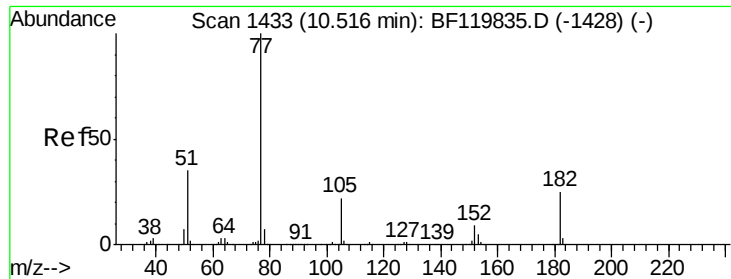
mohammad
 4/24/2020 4:18:12 AM



#62
 4-Nitroaniline
 Concen: 38.57 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	200566		
92	50.9	31.5	71.5	
108	66.1	45.8	85.8	





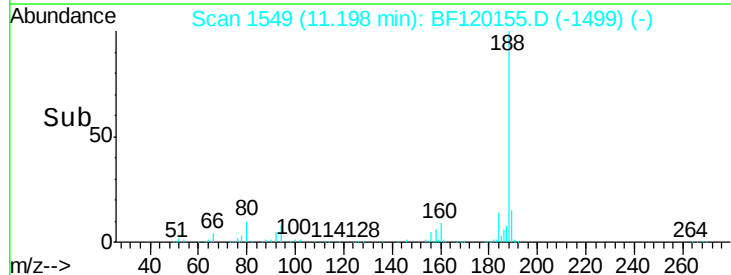
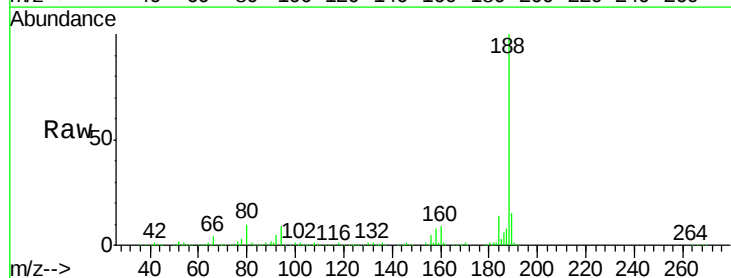
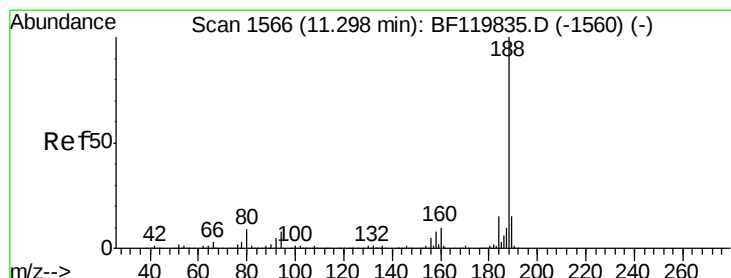
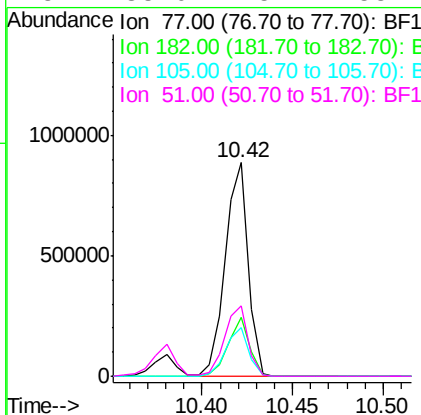
#63
Azobenzene
Concen: 38.69 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.4	44.4
105	22.8	2.6	42.6
51	33.0	15.1	55.1

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

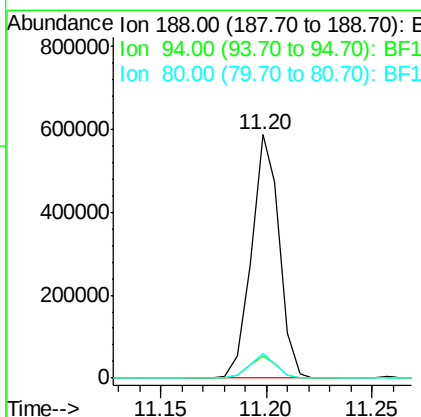
Manual Integrations
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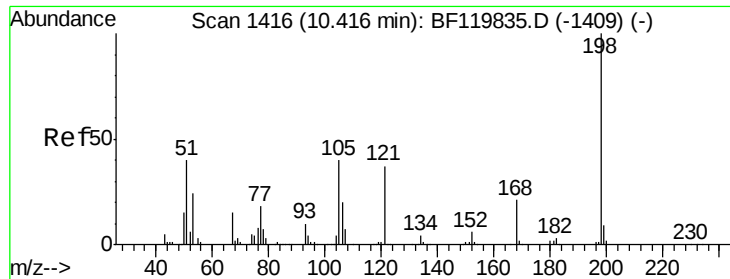
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.0	9.0	13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 15.51 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

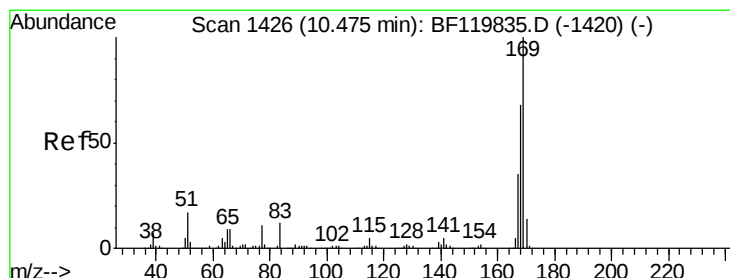
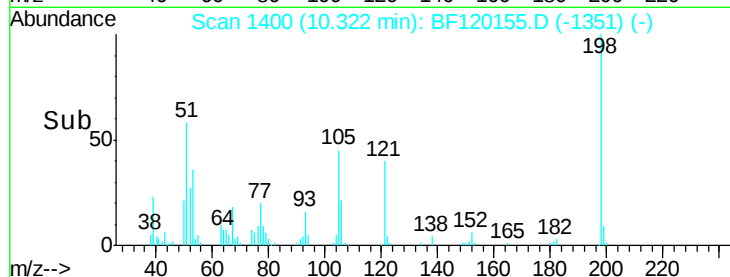
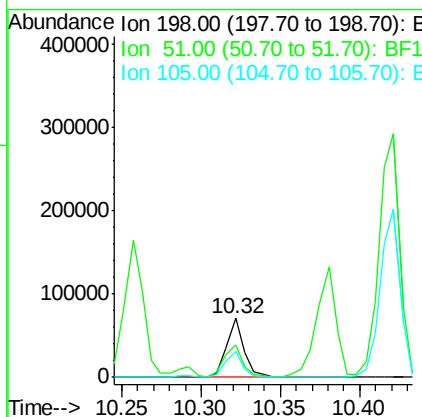
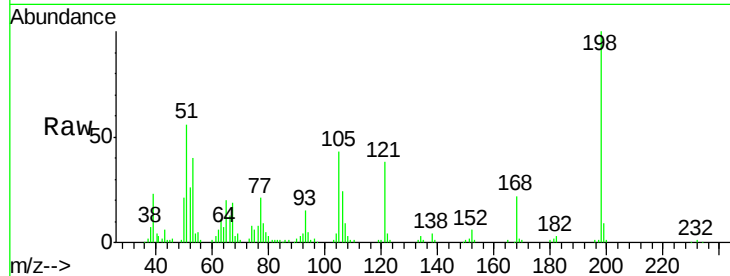
ClientSampleId :

TR-05-042020MS

Tgt Ion:	198	Resp:	54709
Ion Ratio	Lower	Upper	
198	100		
51	55.9	29.0	69.0
105	43.1	22.2	62.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.61 ng

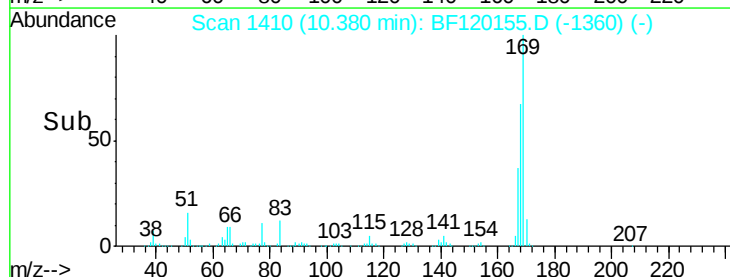
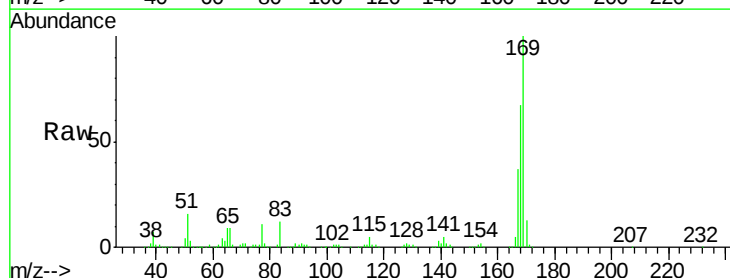
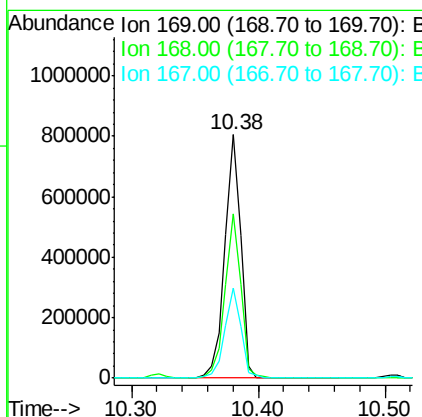
RT: 10.38 min Scan# 1410

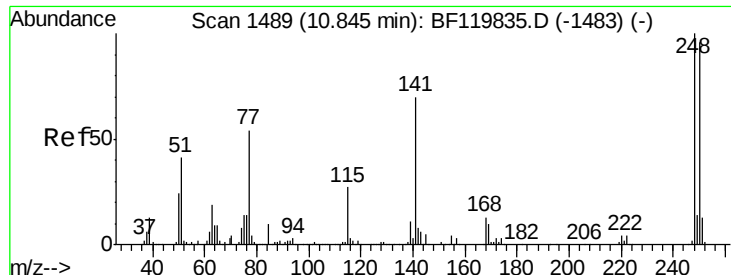
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	169	Resp:	705461
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.2	79.8
167	36.9	29.1	43.7





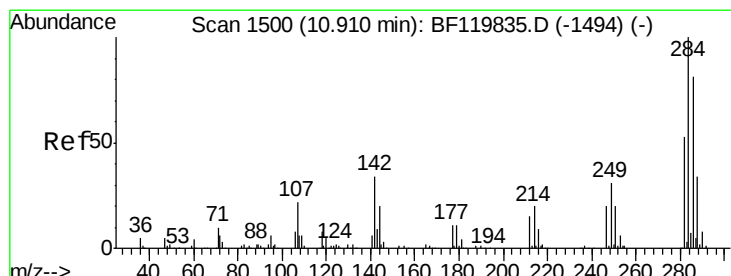
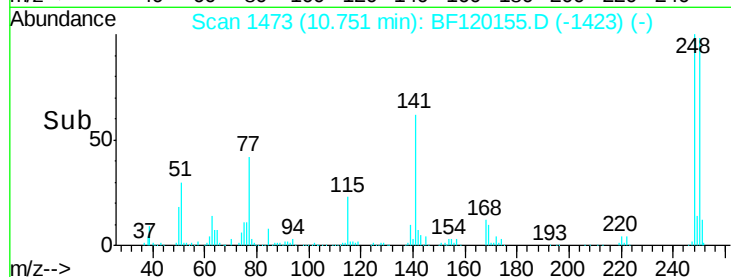
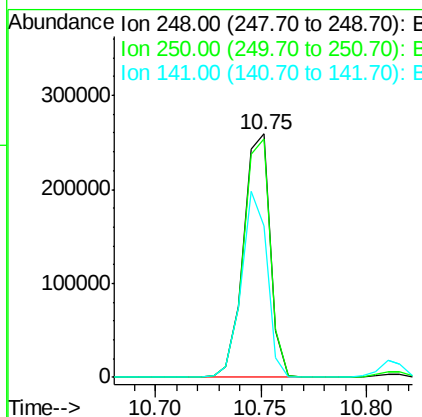
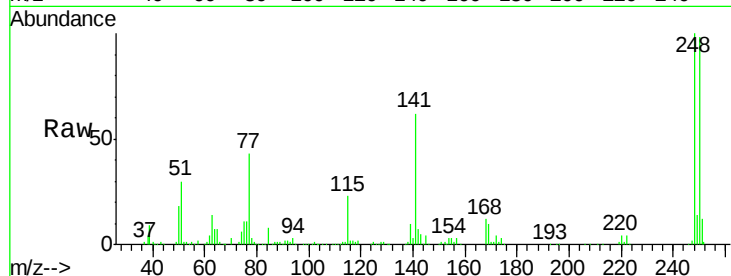
#67
 4-Bromophenyl-phenylether
 Concen: 34.11 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion:	248	Resp:	227206
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.3	115.9
141	62.2	58.6	87.8

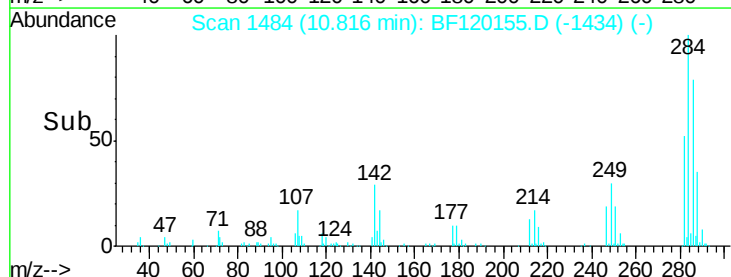
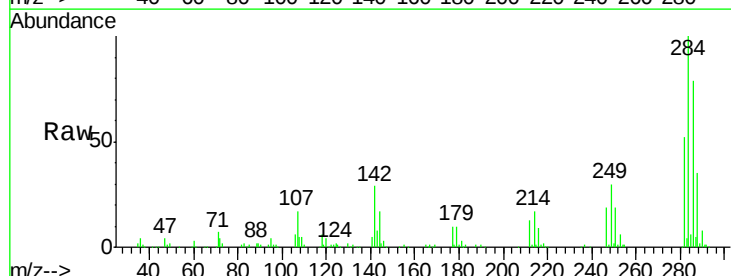
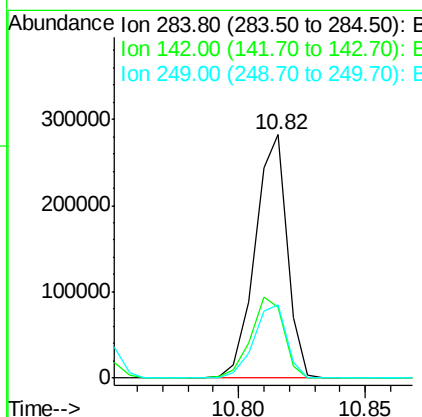
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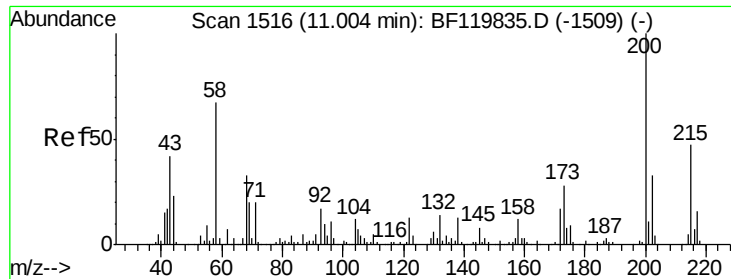
mohammad
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#68
 Hexachlorobenzene
 Concen: 36.96 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:	284	Resp:	249719
Ion Ratio	Lower	Upper	
284	100		
142	28.9	29.2	43.8#
249	29.9	25.1	37.7





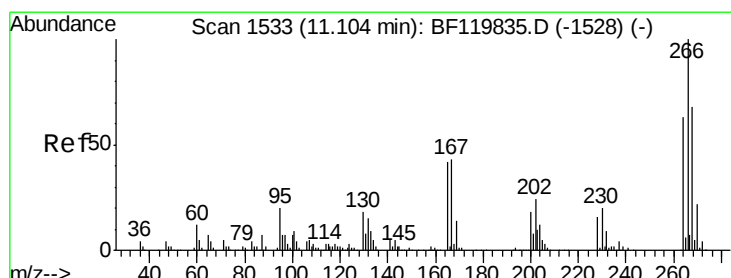
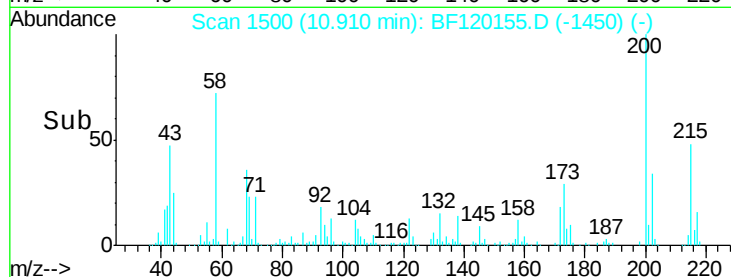
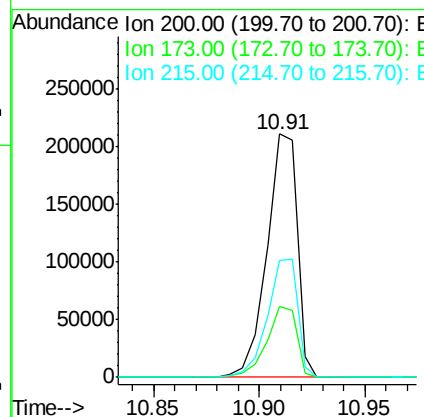
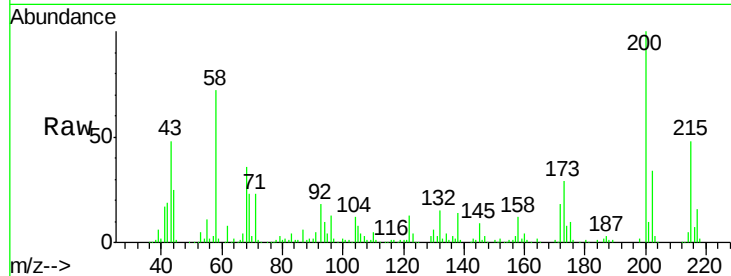
#69
 Atrazine
 Concen: 42.48 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	9.3	49.3
215	48.2	29.5	69.5

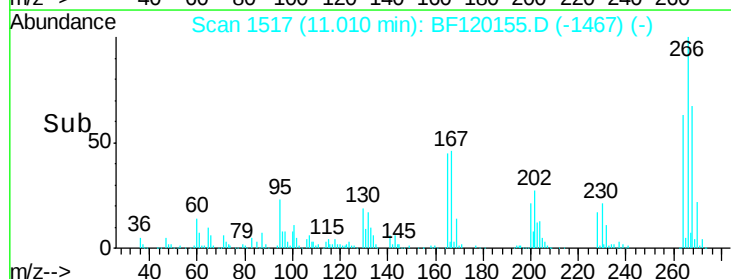
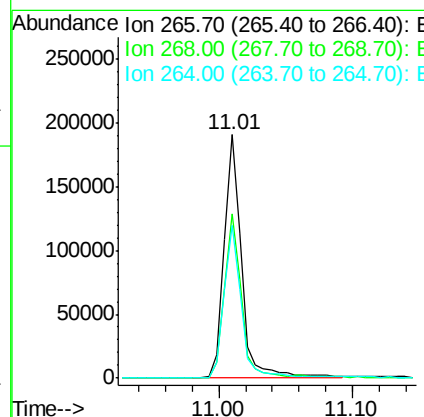
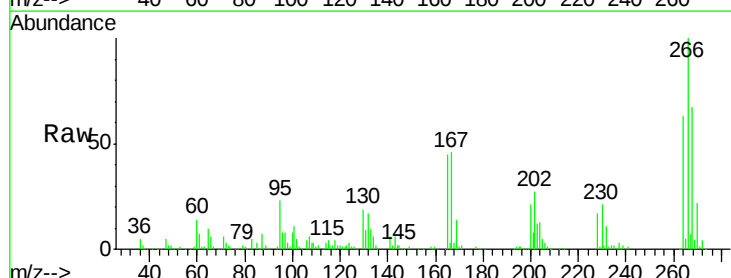
Manual Integrations
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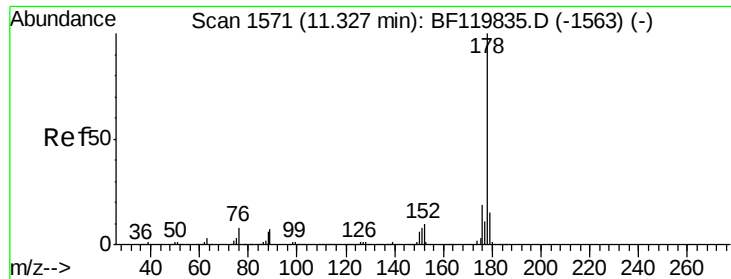
mohammad
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#70
 Pentachlorophenol
 Concen: 45.62 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.3	53.3	79.9
264	63.0	49.0	73.4





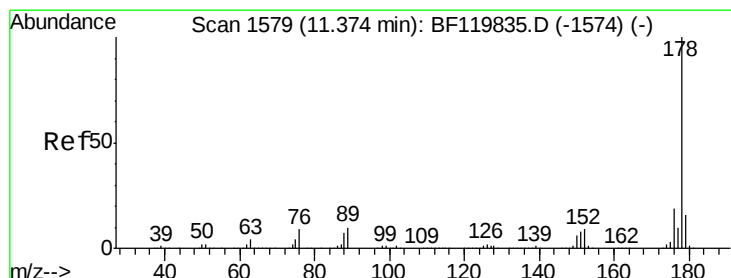
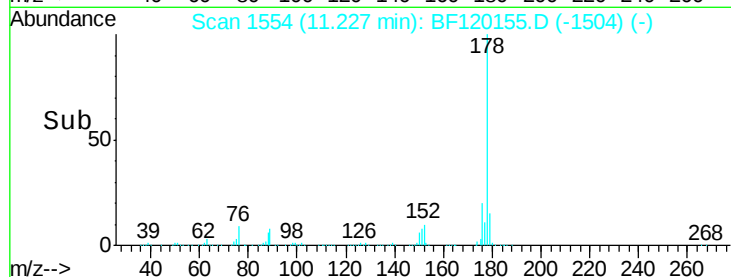
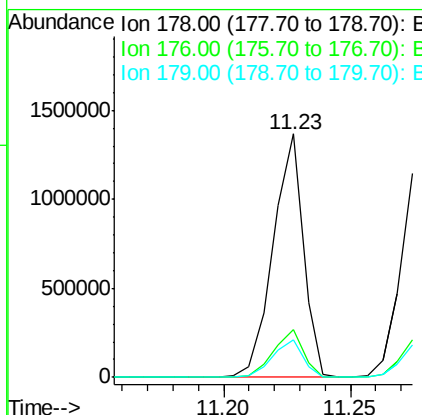
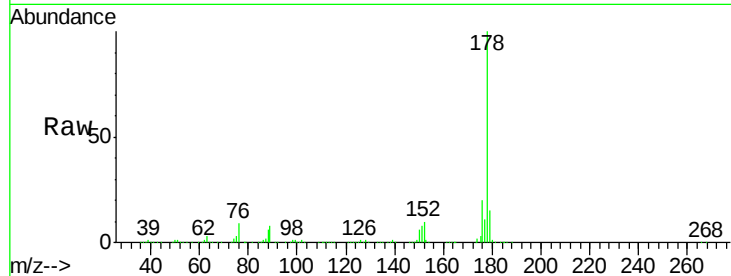
#71
Phenanthrene
Concen: 39.75 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion:178 Resp: 1133115
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.5 13.2 19.8

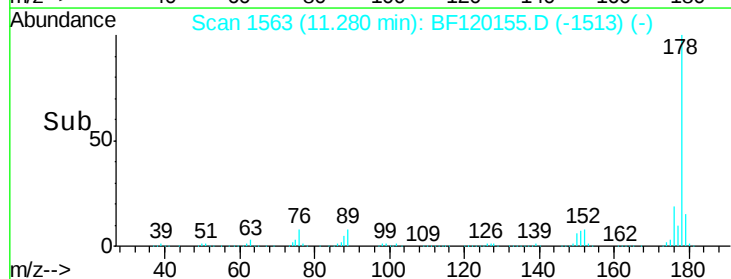
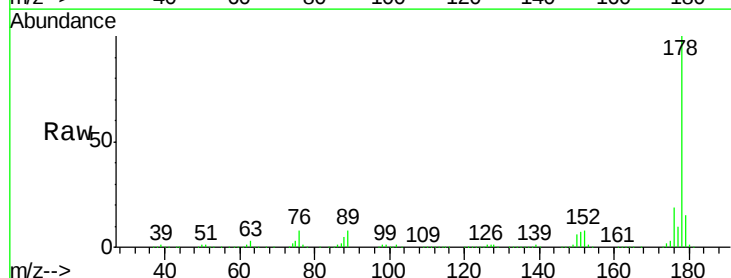
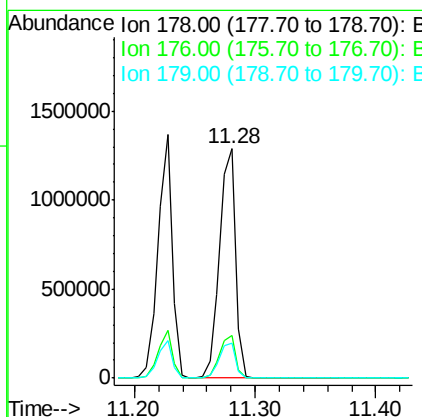
Manual Integrations
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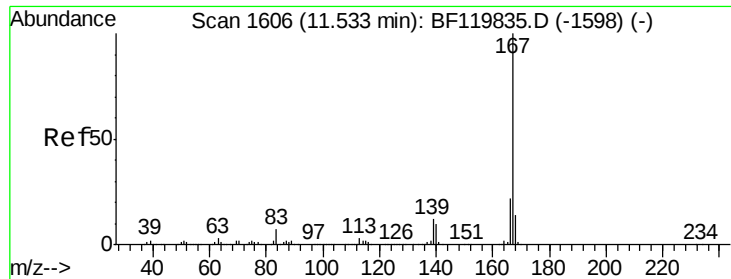
mohammad
4/24/2020 4:18:12 AM



#72
Anthracene
Concen: 40.17 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion:178 Resp: 1169659
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.4 13.0 19.4





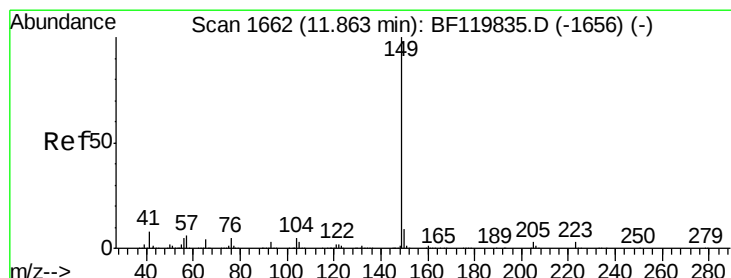
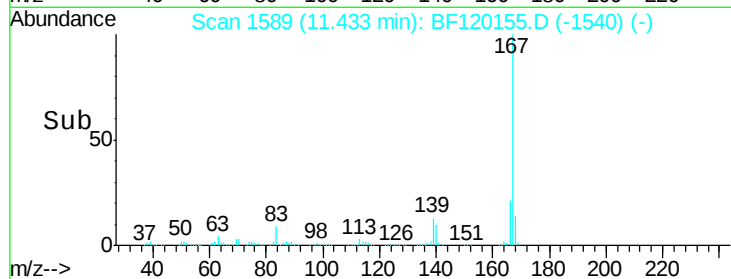
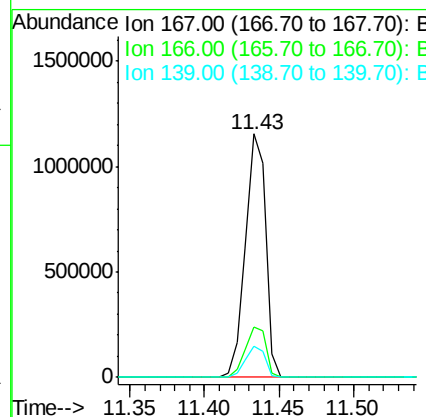
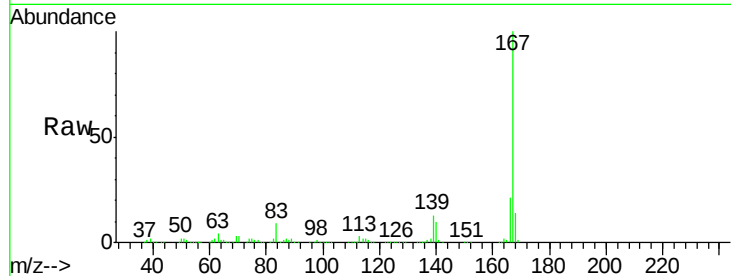
#73
 Carbazole
 Concen: 39.62 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion:167 Resp: 1090883
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.2 27.4
 139 12.8 10.7 16.1

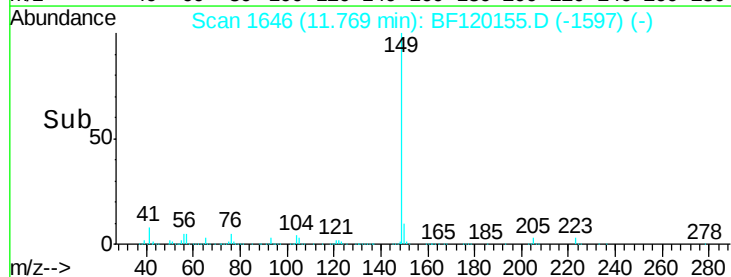
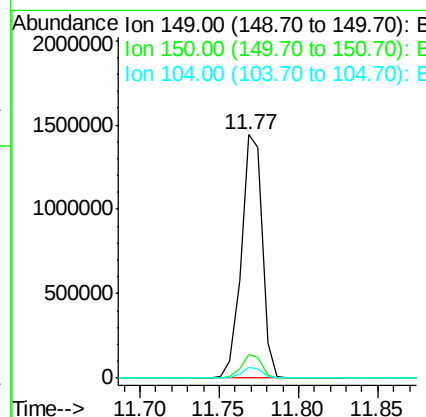
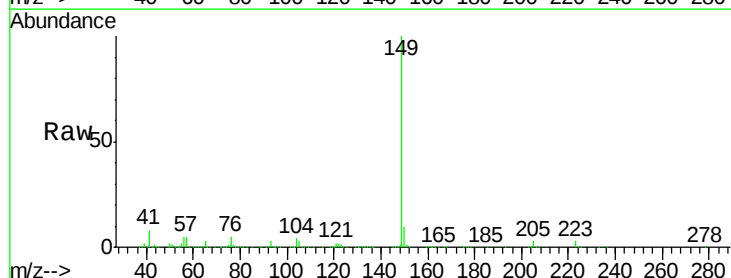
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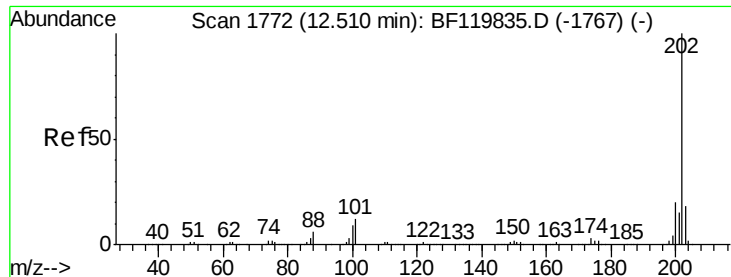
mohammad
 4/24/2020 4:18:12 AM



#74
 Di-n-butylphthalate
 Concen: 36.29 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:149 Resp: 1313487
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 40.76 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

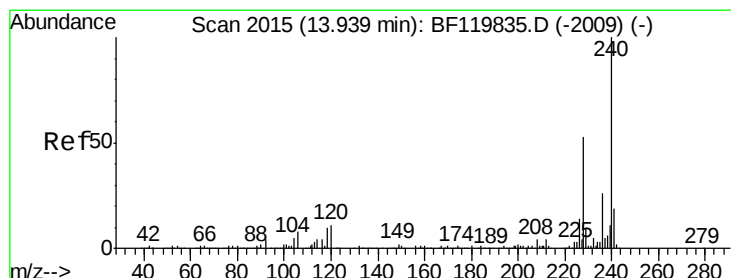
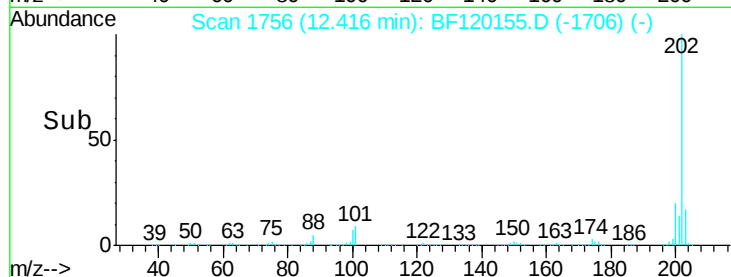
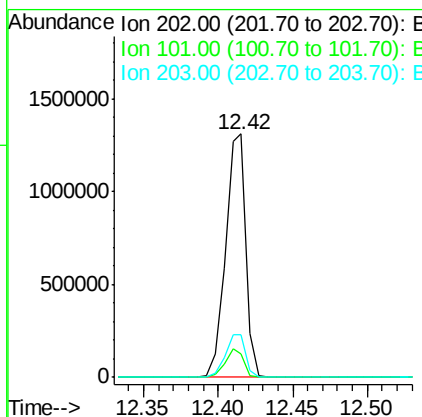
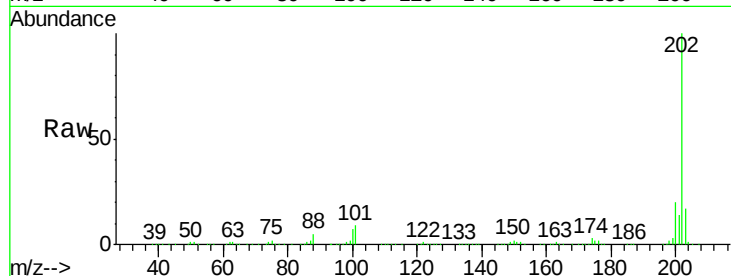
ClientSampleId :

TR-05-042020MS

Tgt Ion:	202	Resp:	1253693
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	32.2
203	17.3	0.0	38.8

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#76

Chrysene-d12

Concen: 20.00 ng

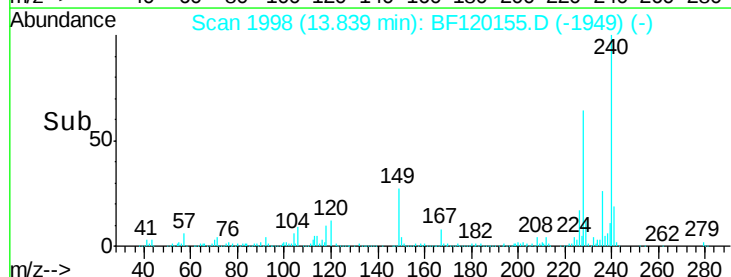
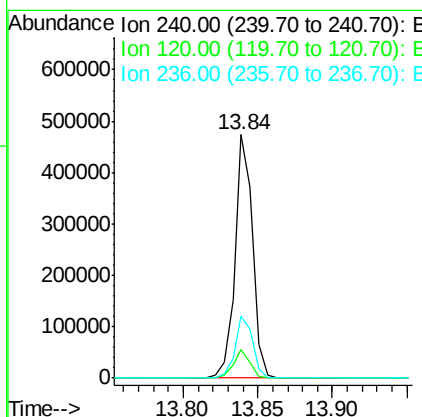
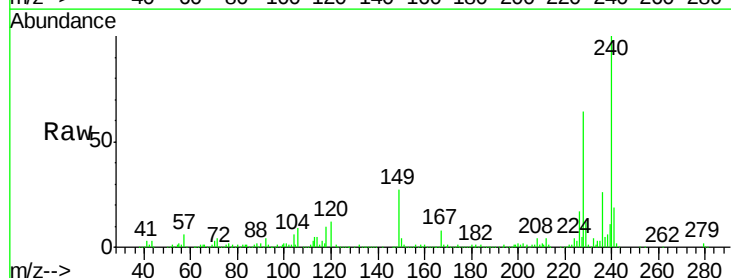
RT: 13.84 min Scan# 1998

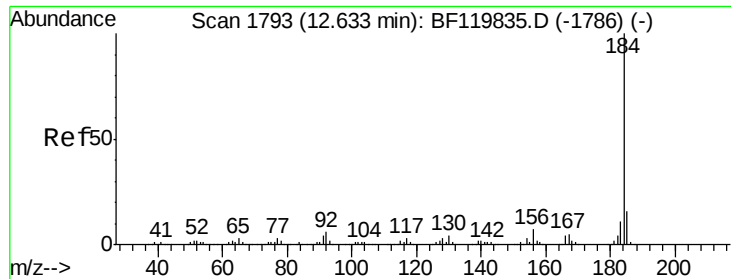
Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	240	Resp:	391202
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.6	15.8
236	25.5	20.2	30.2





#77

Benzidine

Concen: 34.79 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

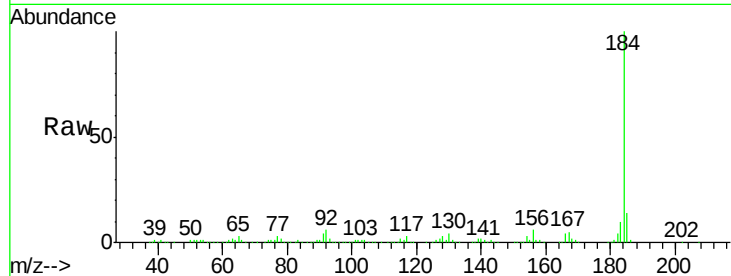
ClientSampleId :

TR-05-042020MS

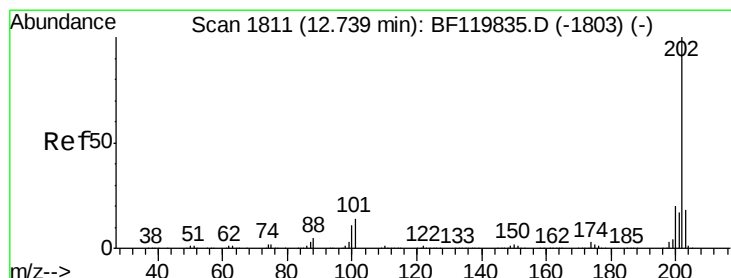
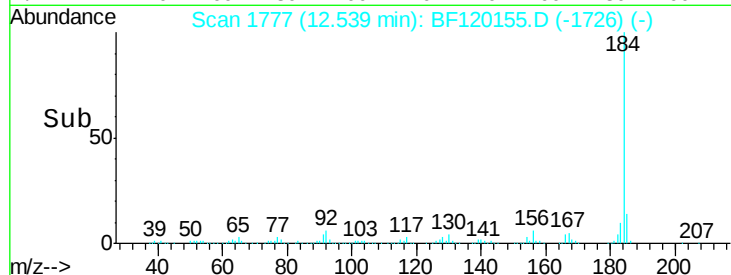
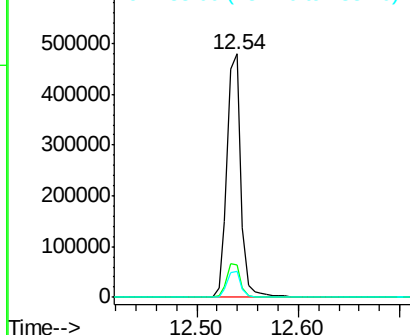
Tgt Ion:	184	Resp:	460004
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.3	18.5
183	10.5	9.0	13.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.63 ng

RT: 12.64 min Scan# 1794

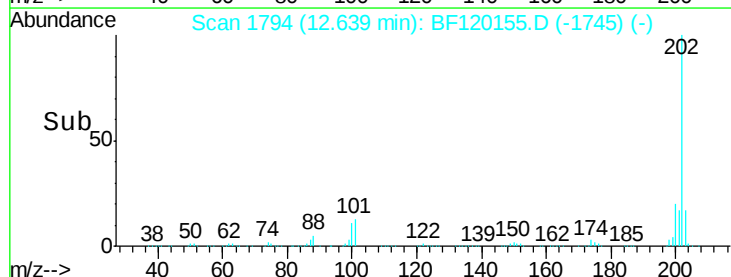
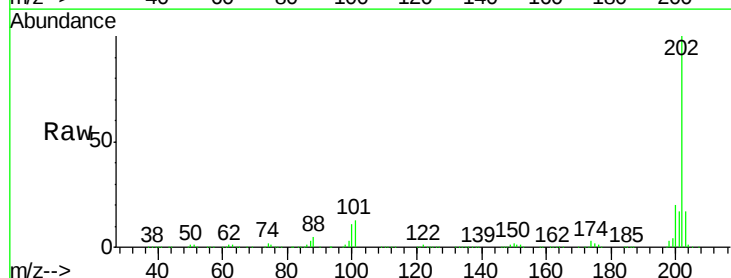
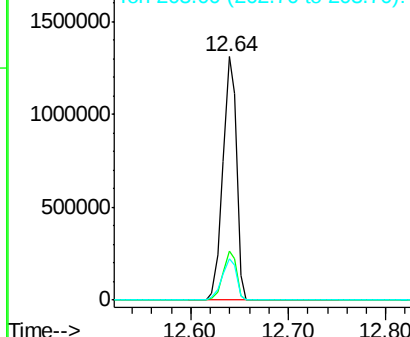
Delta R.T. -0.01 min

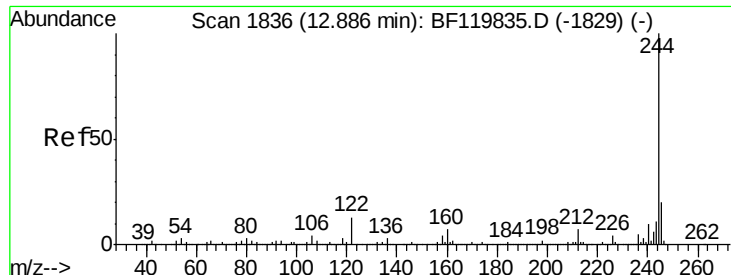
Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	202	Resp:	1273853
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.8	25.2
203	17.2	15.1	22.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





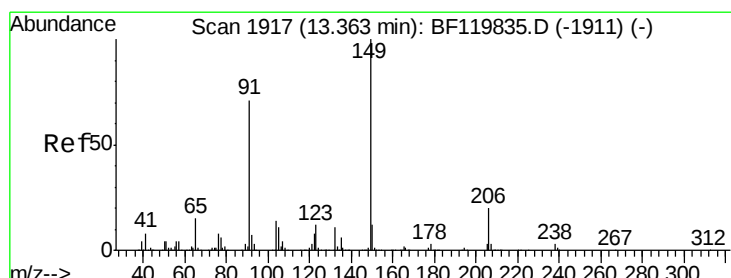
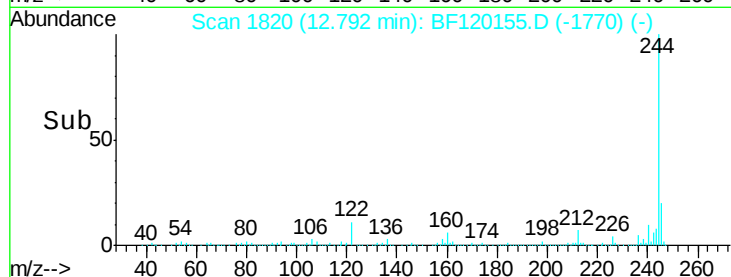
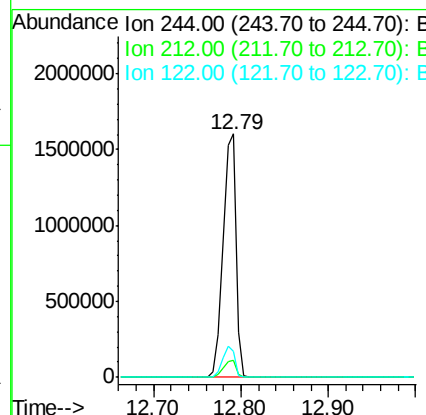
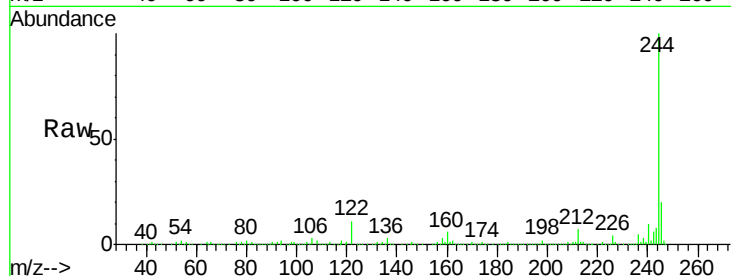
#79
 Terphenyl-d14
 Concen: 71.10 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MS

Tgt Ion:244 Resp: 1653127
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.8 10.3 15.5

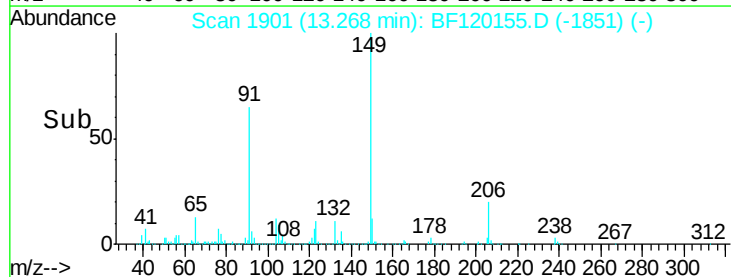
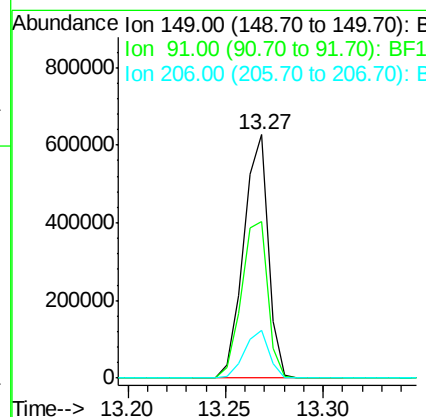
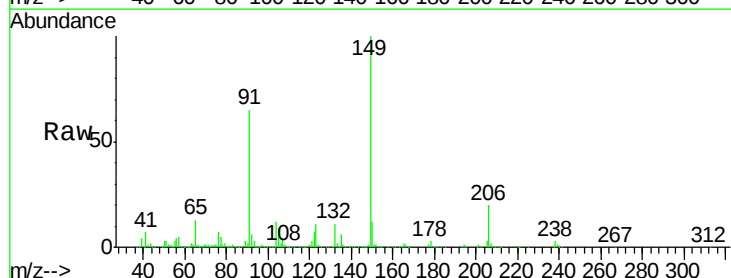
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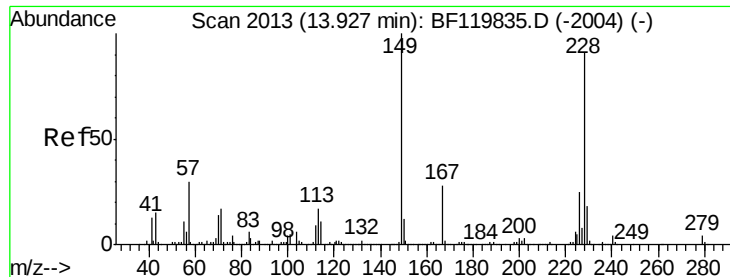
mohammad
 4/24/2020 4:18:12 AM



#80
 Butylbenzylphthalate
 Concen: 34.34 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF120155.D
 Acq: 23 Apr 2020 6:06

Tgt Ion:149 Resp: 549518
 Ion Ratio Lower Upper
 149 100
 91 64.5 54.7 82.1
 206 19.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.88 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

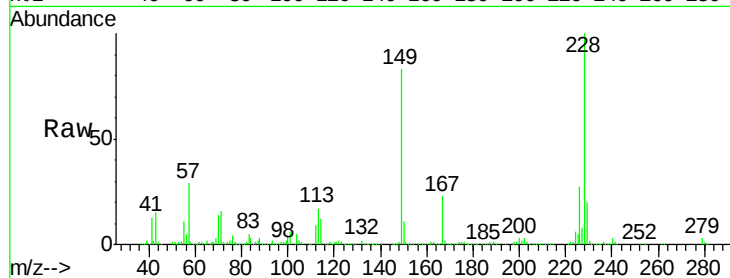
ClientSampleId :

TR-05-042020MS

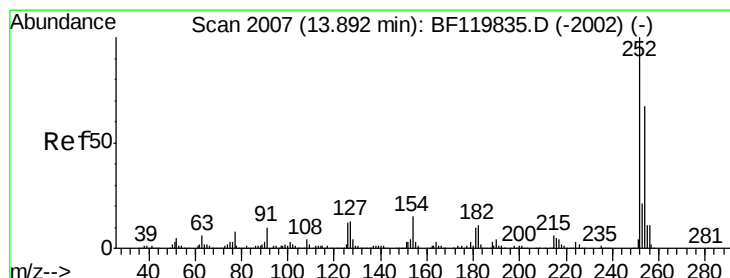
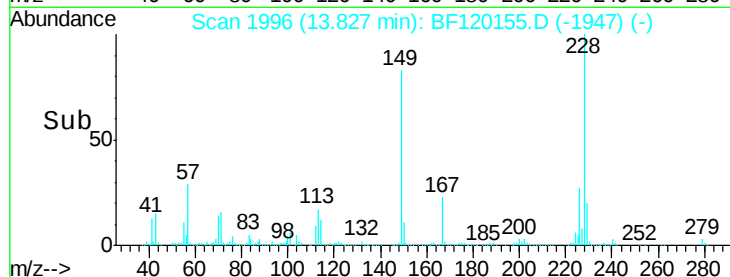
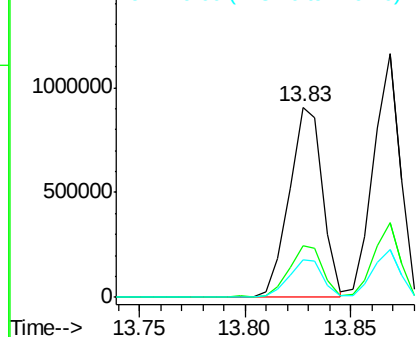
Tgt Ion:	228	Resp:	1000481
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	16.2	24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 31.71 ng

RT: 13.80 min Scan# 1991

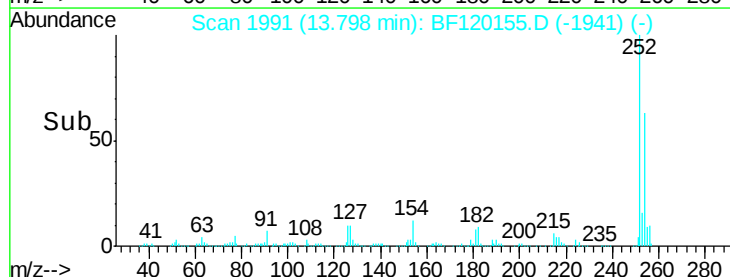
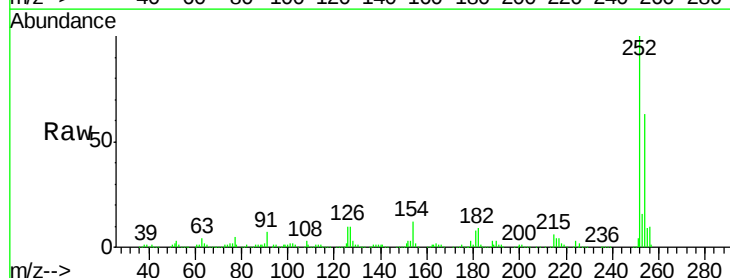
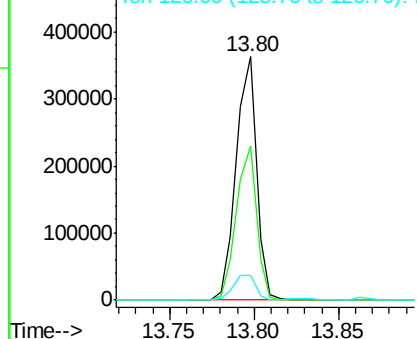
Delta R.T. -0.01 min

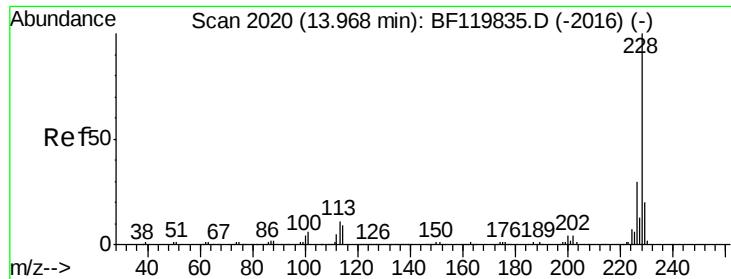
Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	252	Resp:	304543
Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.2	76.8
126	10.0	9.6	14.4

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





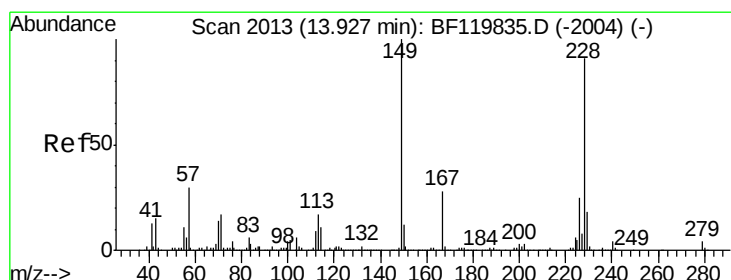
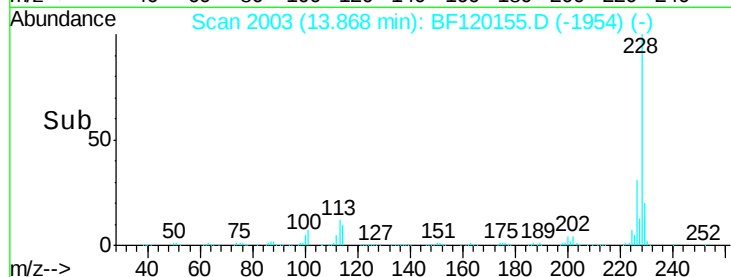
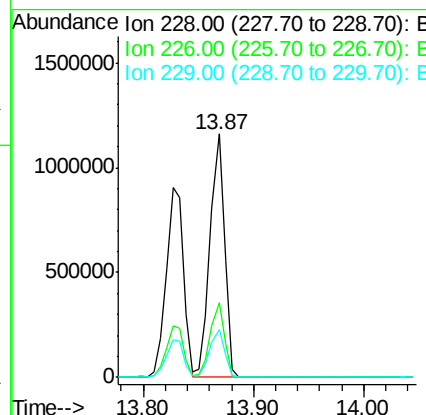
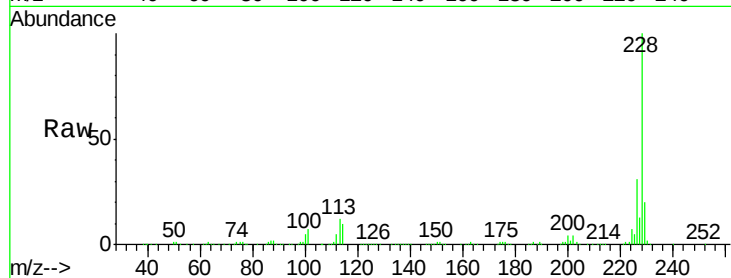
#83
Chrysene
Concen: 39.26 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion: 228 Resp: 1026589
Ion Ratio Lower Upper
228 100
226 30.7 25.4 38.0
229 19.9 16.6 24.8

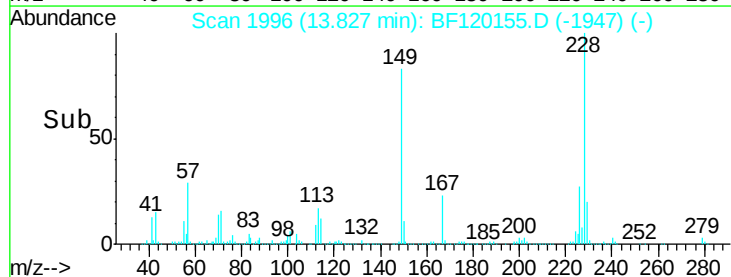
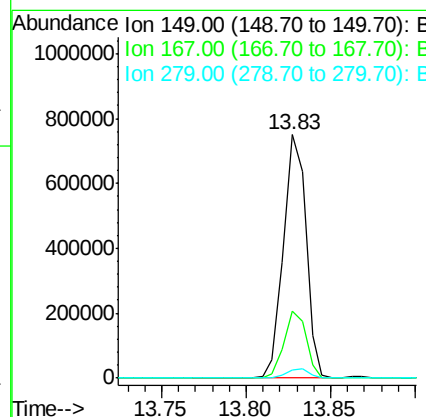
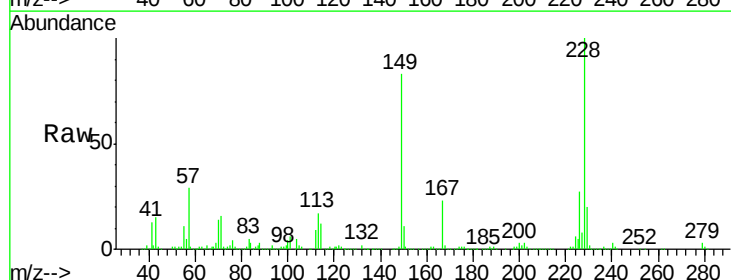
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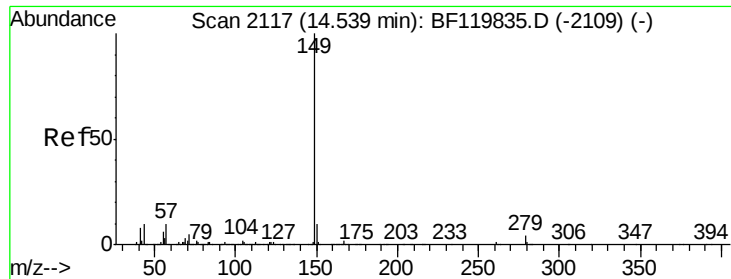
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 31.74 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion: 149 Resp: 687921
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 3.2 2.7 4.1





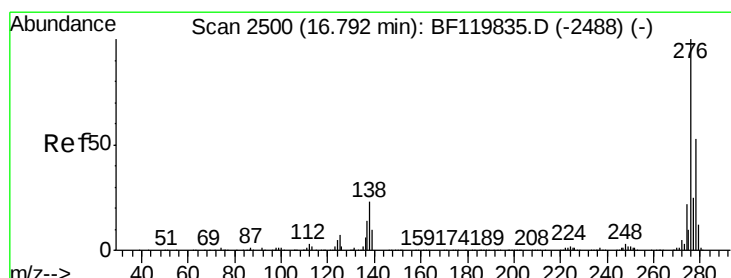
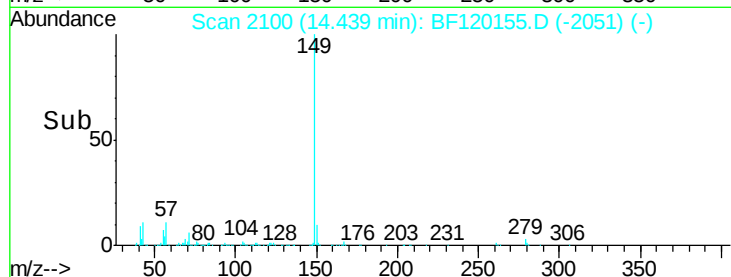
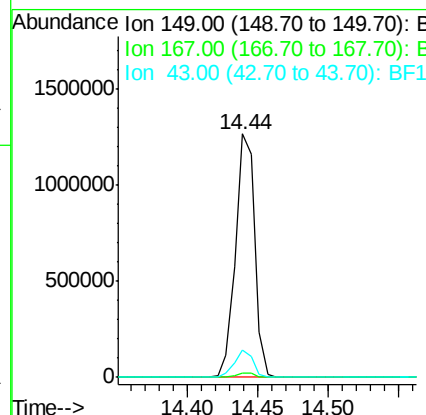
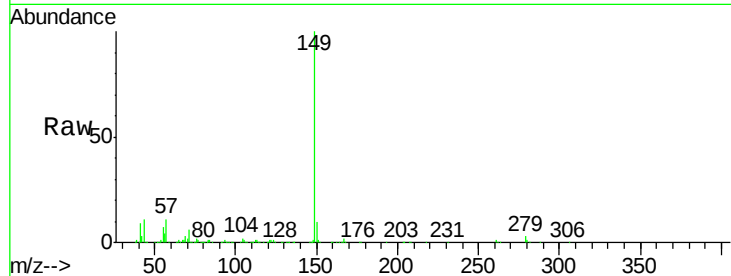
#85
Di-n-octyl phthalate
Concen: 32.40 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	9.3	13.9

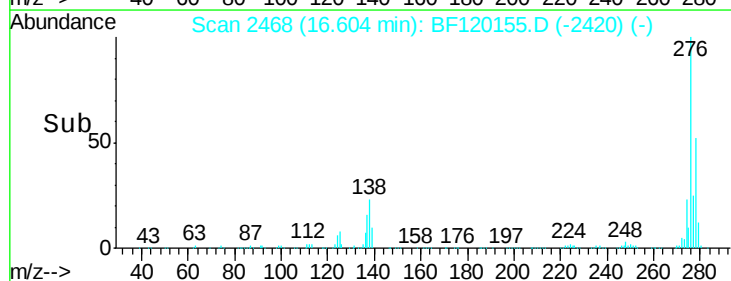
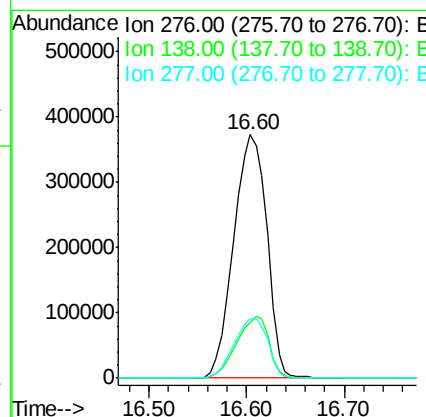
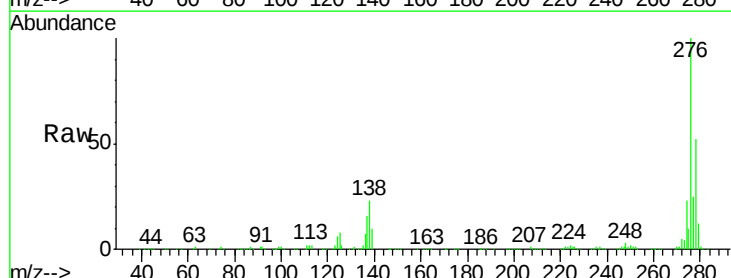
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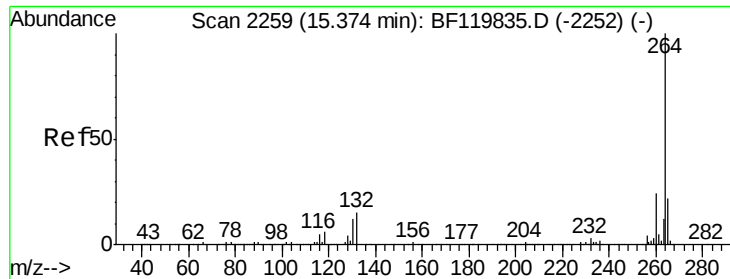
mohammad
4/24/2020 4:18:12 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.15 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.02 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	24.9	20.0	30.0





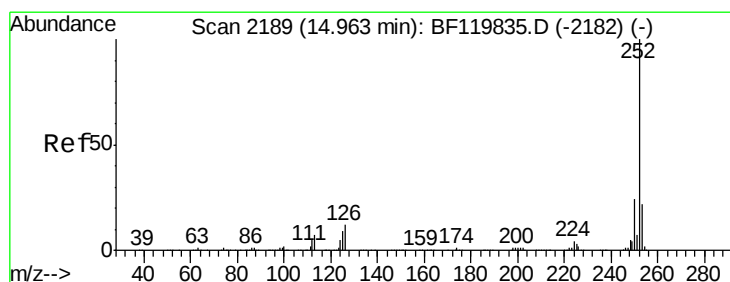
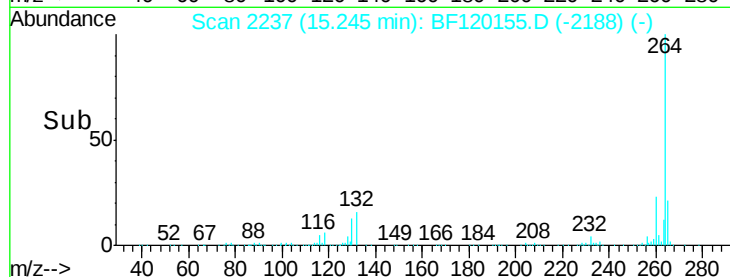
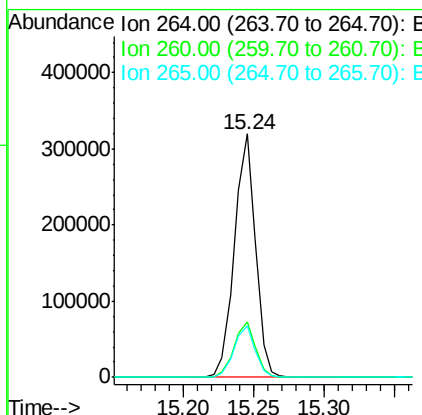
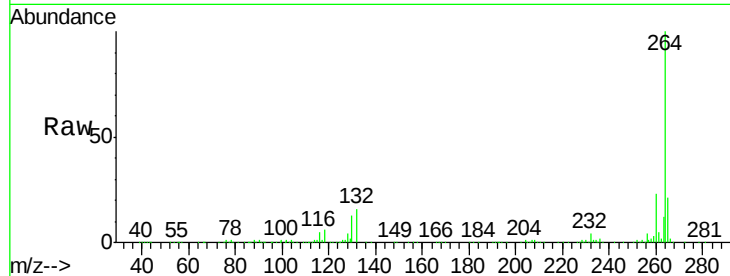
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	332859		
260	22.9	18.7	28.1	
265	21.0	17.7	26.5	

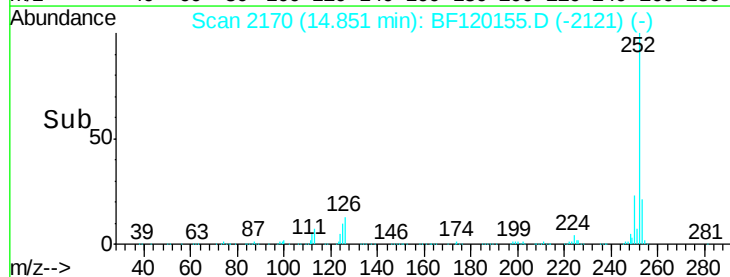
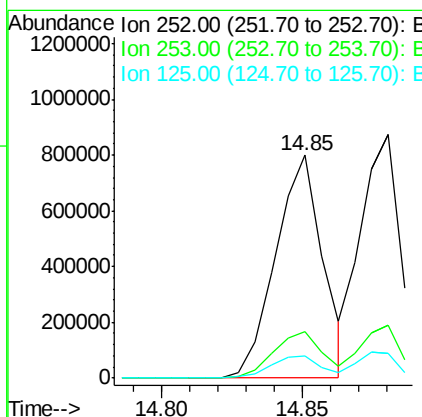
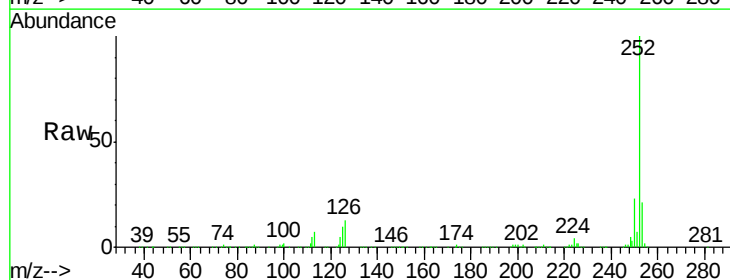
Manual Integrations
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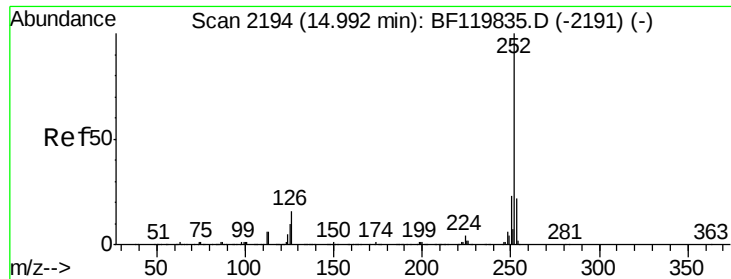
mohammad
4/24/2020 4:18:12 AM



#88
Benzo(b)fluoranthene
Concen: 38.65 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	925559		
253	21.1	17.4	26.0	
125	9.9	7.9	11.9	





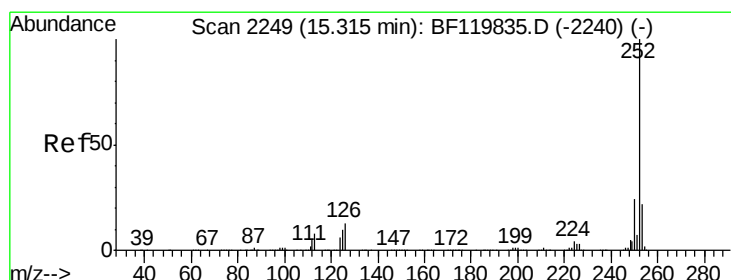
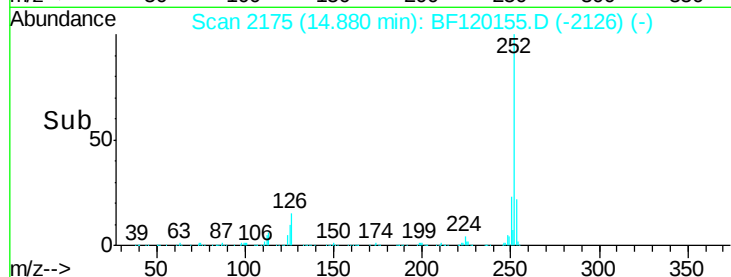
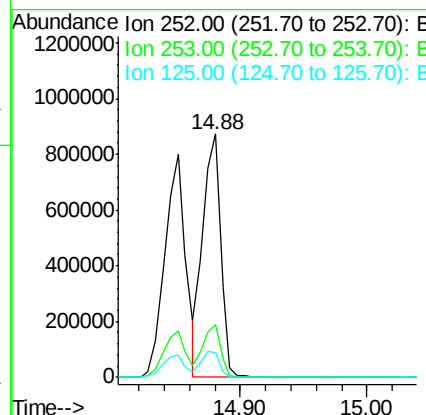
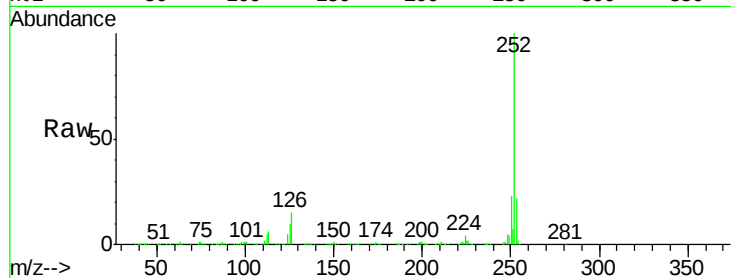
#89
Benzo(k)fluoranthene
Concen: 41.30 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.0	8.4	12.6

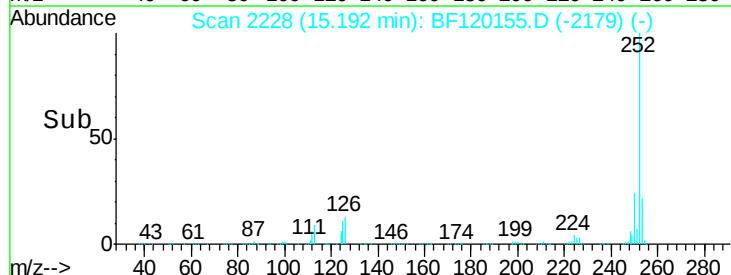
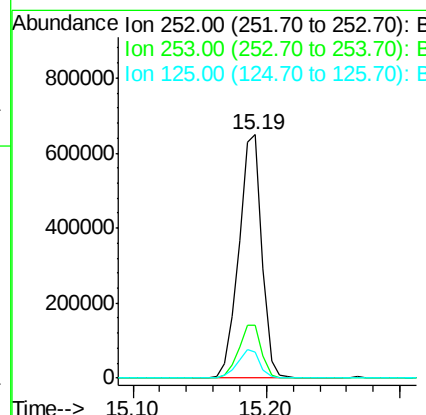
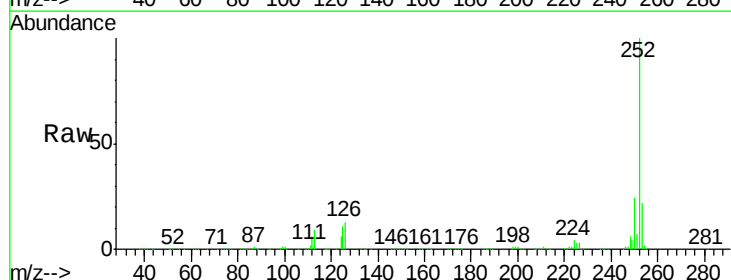
Manual Integrations
APPROVED

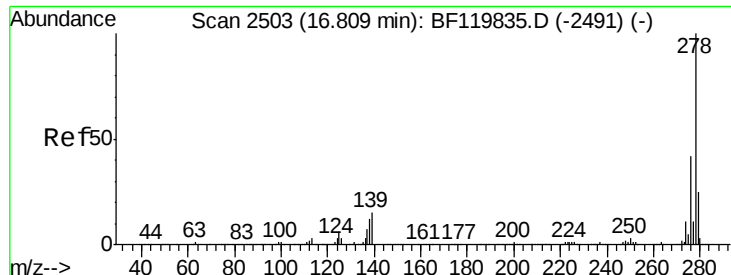
mohammad
4/24/2020 4:18:12 AM



#90
Benzo(a)pyrene
Concen: 38.90 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF120155.D
Acq: 23 Apr 2020 6:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.8	9.4	14.2





#91

Dibenzo(a,h)anthracene

Concen: 40.94 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.02 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Instrument :

BNA_F

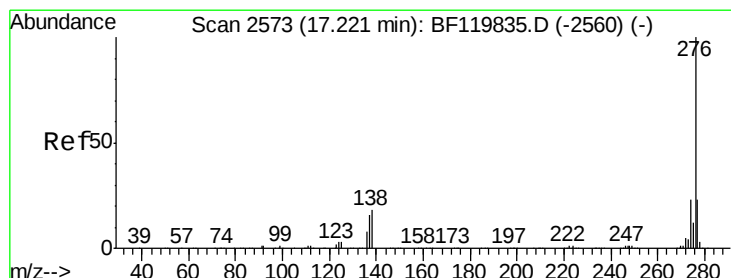
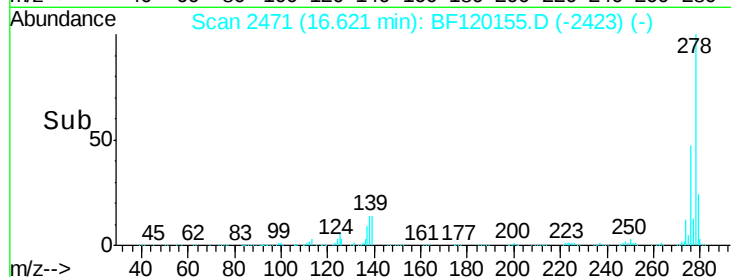
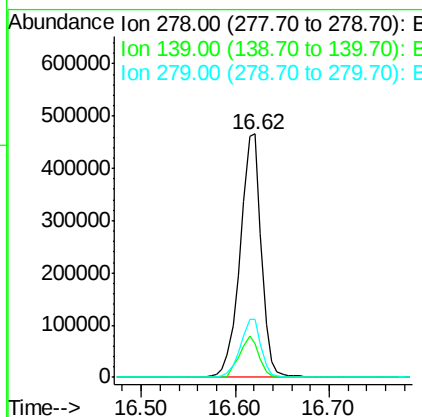
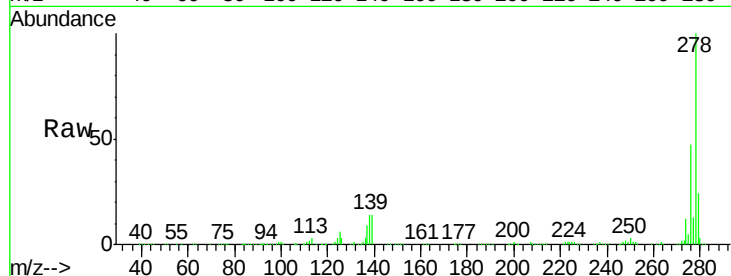
ClientSampleId :

TR-05-042020MS

Tgt Ion:	278	Resp:	730194
Ion Ratio	Lower	Upper	
278	100		
139	14.1	12.6	19.0
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/24/2020 4:18:12 AM



#92

Benzo(g,h,i)perylene

Concen: 41.29 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF120155.D

Acq: 23 Apr 2020 6:06

Tgt Ion:	276	Resp:	726810
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.4	27.6
138	20.4	15.4	23.0

