

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120156.D
 Acq On : 23 Apr 2020 6:32
 Operator : MA/SJ
 Sample : L2123-14MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Manual Integrations
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mohammad
 4/24/2020 4:18:16 AM

Quant Time: Apr 23 07:17:07 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	144846	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	557211	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	286533	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	544296	20.00	ng	0.00
76) Chrysene-d12	13.84	240	384668	20.00	ng	0.00
87) Perylene-d12	15.24	264	322853	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1264346	150.85	ng	0.02
7) Phenol-d6	6.33	99	1477778	136.83	ng	0.00
23) Nitrobenzene-d5	7.25	82	1096548	101.81	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	466328	132.93	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2070683	102.60	ng	0.00
79) Terphenyl-d14	12.79	244	2246888	98.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	173173	46.39	ng	# 84
3) Pyridine	3.12	79	255206	24.92	ng	94
4) n-Nitrosodimethylamine	3.06	42	260730	49.82	ng	93
6) Aniline	6.34	93	147760	10.42	ng	# 1
8) 2-Chlorophenol	6.46	128	542883	57.97	ng	99
9) Benzaldehyde	6.22	77	112493	13.62	ng	97
10) Phenol	6.34	94	564186	46.05	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	528251	55.84	ng	98
12) 1,3-Dichlorobenzene	6.62	146	553254	53.96	ng	98
13) 1,4-Dichlorobenzene	6.69	146	557333	53.36	ng	98
14) 1,2-Dichlorobenzene	6.85	146	521093	54.14	ng	99
15) Benzyl Alcohol	6.83	79	404986	48.28	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	871295	47.33	ng	91
17) 2-Methylphenol	6.95	107	429182	51.35	ng	97
18) Hexachloroethane	7.19	117	209082	53.57	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	375910	54.13	ng	97
20) 3+4-Methylphenols	7.10	107	529433	51.80	ng	93
22) Acetophenone	7.09	105	743980	57.02	ng	# 96
24) Nitrobenzene	7.27	77	575577	53.12	ng	98
25) Isophorone	7.51	82	1054492	50.79	ng	99
26) 2-Nitrophenol	7.58	139	296813	54.83	ng	96
27) 2,4-Dimethylphenol	7.63	122	454073	55.62	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	649015	53.12	ng	100
29) 2,4-Dichlorophenol	7.83	162	445413	53.23	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	480419	50.67	ng	98
31) Naphthalene	7.99	128	1557312	53.12	ng	98
32) Benzoic acid	7.75	122	204197	28.48	ng	95
33) 4-Chloroaniline	8.03	127	69592	5.45	ng	97
34) Hexachlorobutadiene	8.10	225	275762	48.58	ng	99
35) Caprolactam	8.42	113	105052m	41.04	ng	
36) 4-Chloro-3-methylphenol	8.53	107	488146	53.88	ng	99
37) 2-Methylnaphthalene	8.67	142	1056491	53.15	ng	99
38) 1-Methylnaphthalene	8.77	142	1007946	53.80	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	463019	51.16	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
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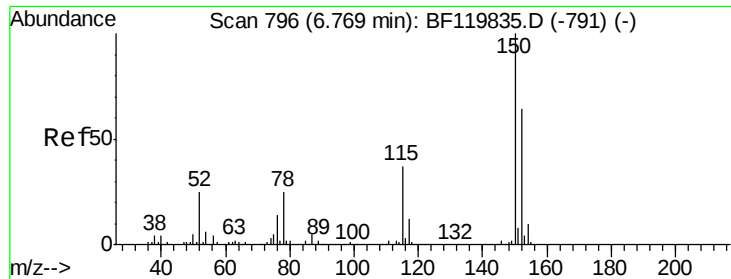
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Quant Time: Apr 23 07:17:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	443563	86.19	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	324126	51.87	ng	98
44) 2,4,5-Trichlorophenol	9.01	196	343736	48.84	ng	95
46) 1,1'-Biphenyl	9.15	154	1251311	51.74	ng	99
47) 2-Chloronaphthalene	9.17	162	1001167	53.74	ng	97
48) 2-Nitroaniline	9.27	65	346130	51.27	ng	91
49) Acenaphthylene	9.58	152	1528855	53.96	ng	98
50) Dimethylphthalate	9.46	163	1253446	56.56	ng	99
51) 2,6-Dinitrotoluene	9.51	165	263250	54.24	ng	90
52) Acenaphthene	9.75	154	931742	49.30	ng	99
53) 3-Nitroaniline	9.67	138	58100	10.48	ng	92
54) 2,4-Dinitrophenol	9.79	184	135310	46.57	ng	91
55) Dibenzofuran	9.93	168	1375247	53.02	ng	98
56) 4-Nitrophenol	9.86	139	329584	79.91	ng	97
57) 2,4-Dinitrotoluene	9.92	165	334895	52.37	ng	91
58) Fluorene	10.27	166	1082356	52.18	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	282446	52.47	ng	99
60) Diethylphthalate	10.15	149	1146429	49.91	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	508644	47.84	ng	98
62) 4-Nitroaniline	10.29	138	206244	39.04	ng	98
63) Azobenzene	10.42	77	1087252	52.82	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	133537	37.24	ng	99
66) n-Nitrosodiphenylamine	10.39	169	876316	48.41	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	317935	46.97	ng	99
68) Hexachlorobenzene	10.82	284	346376	50.44	ng	94
69) Atrazine	10.92	200	241114	47.87	ng	99
70) Pentachlorophenol	11.02	266	319329	80.70	ng	97
71) Phenanthrene	11.23	178	1558835	53.81	ng	99
72) Anthracene	11.28	178	1607148	54.31	ng	98
73) Carbazole	11.44	167	1474592	52.69	ng	97
74) Di-n-butylphthalate	11.77	149	1797929	48.87	ng	99
75) Fluoranthene	12.42	202	1701358	54.43	ng	98
78) Pyrene	12.65	202	1707991	52.67	ng	99
80) Butylbenzylphthalate	13.27	149	756081	48.05	ng	98
81) Benzo(a)anthracene	13.83	228	1345028	53.15	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	65033	6.89	ng	99
83) Chrysene	13.87	228	1383314	53.80	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	941417	44.18	ng	99
85) Di-n-octyl phthalate	14.44	149	1643813	45.31	ng	97
86) Indeno(1,2,3-cd)pyrene	16.61	276	1184253	52.25	ng	99
88) Benzo(b)fluoranthene	14.85	252	1208187	52.02	ng	97
89) Benzo(k)fluoranthene	14.88	252	1201158	59.94	ng	99
90) Benzo(a)pyrene	15.19	252	1066168	54.60	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	970270	56.09	ng	98
92) Benzo(g,h,i)perylene	17.02	276	963537	56.43	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

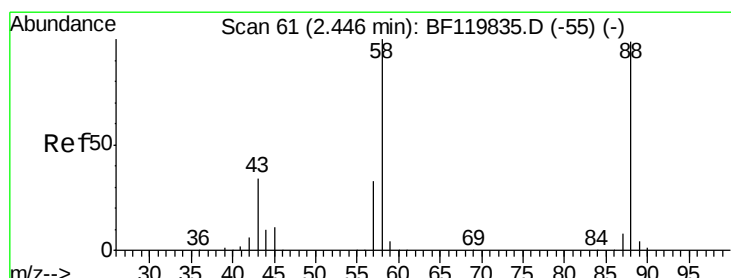
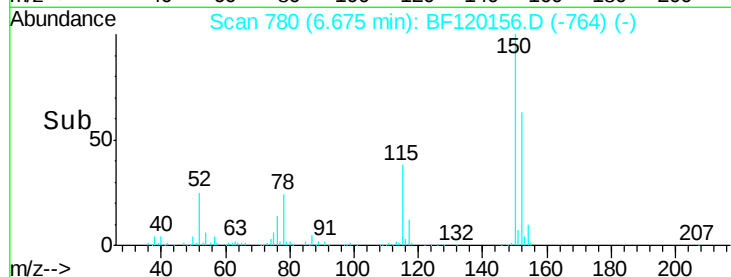
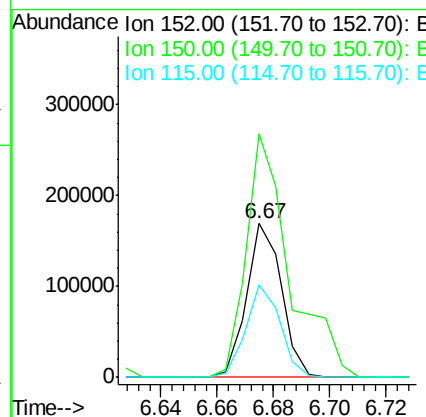
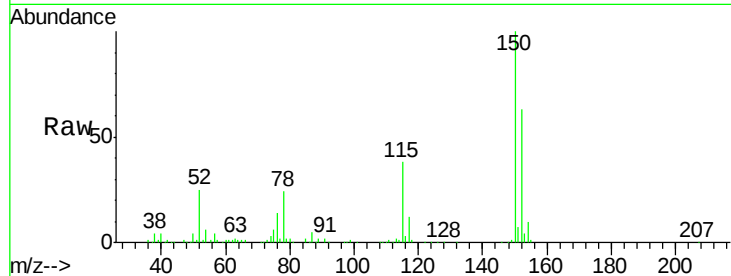
ClientSampleId :

TR-05-042020MSD

Tgt Ion:	152	Resp:	144846
Ion Ratio	Lower	Upper	
152	100		
150	158.3	124.5	186.7
115	60.6	49.6	74.4

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#2

1,4-Dioxane

Concen: 46.39 ng

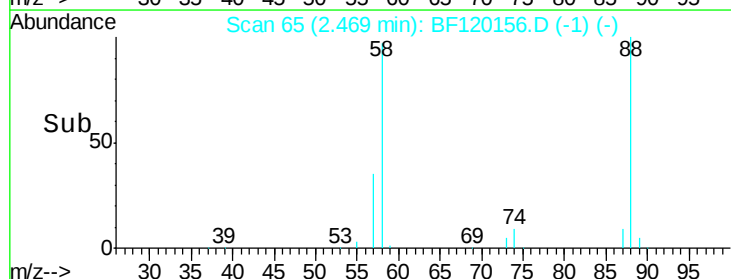
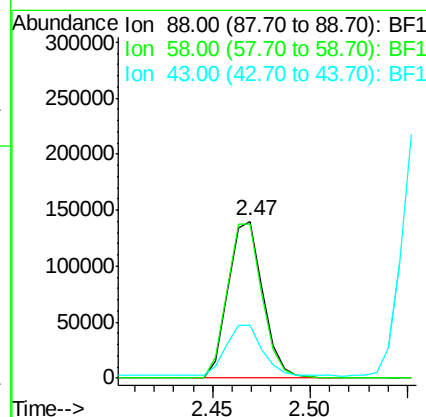
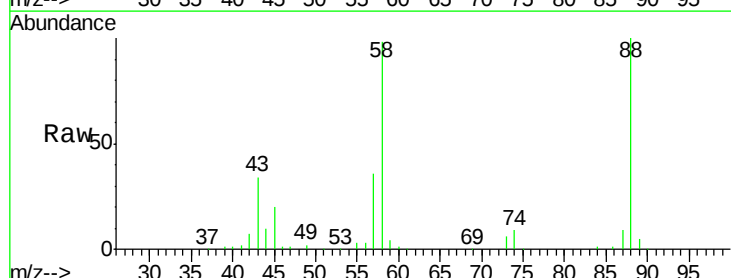
RT: 2.47 min Scan# 65

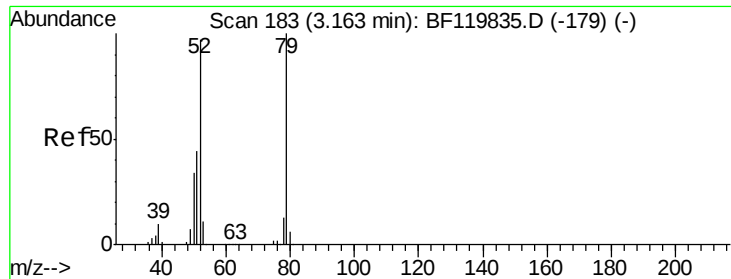
Delta R.T. 0.19 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion:	88	Resp:	173173
Ion Ratio	Lower	Upper	
88	100		
58	99.4	80.6	121.0
43	0.0	27.5	41.3#





#3

Pyridine

Concen: 24.92 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.16 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

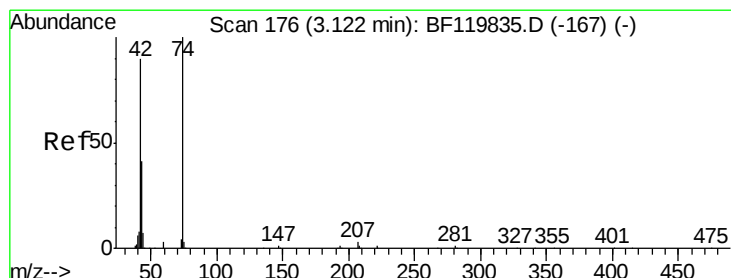
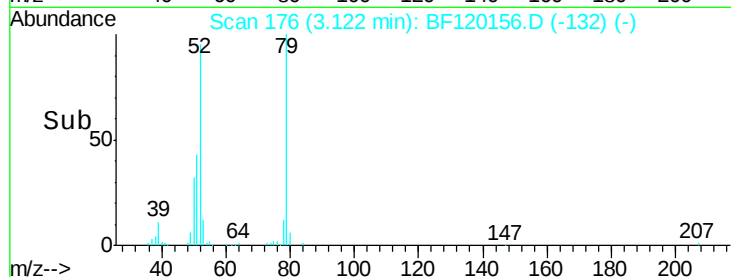
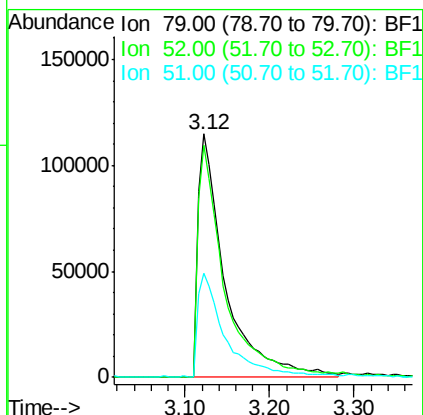
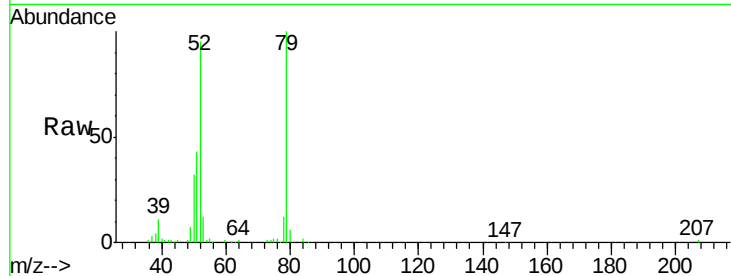
ClientSampleId :

TR-05-042020MSD

Tgt Ion:	79	Resp:	255206
Ion Ratio	Lower	Upper	
79	100		
52	95.1	80.2	120.2
51	42.8	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 49.82 ng

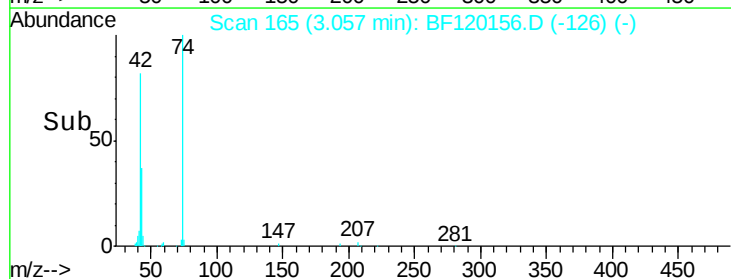
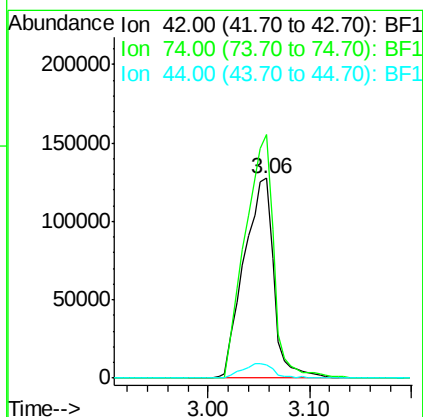
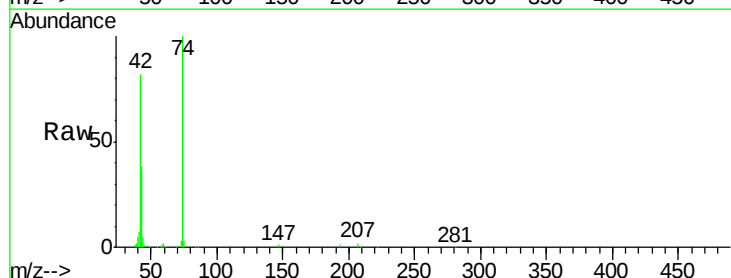
RT: 3.06 min Scan# 165

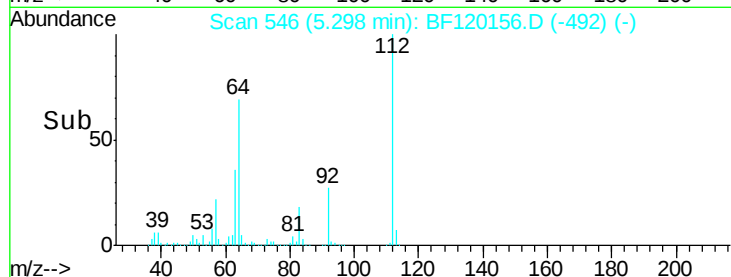
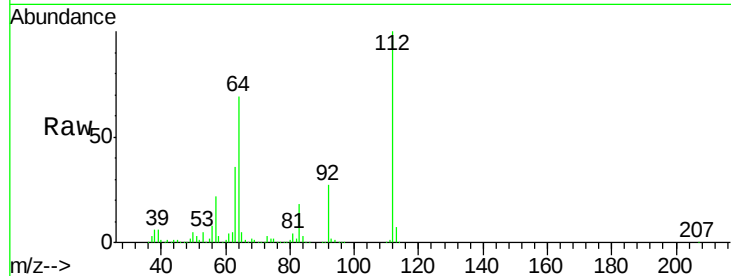
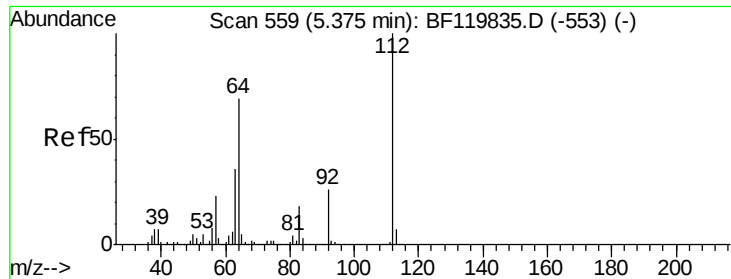
Delta R.T. 0.13 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion:	42	Resp:	260730
Ion Ratio	Lower	Upper	
42	100		
74	121.7	91.5	137.3
44	6.4	6.2	9.4





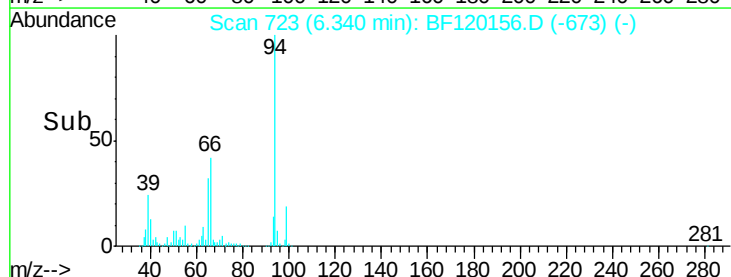
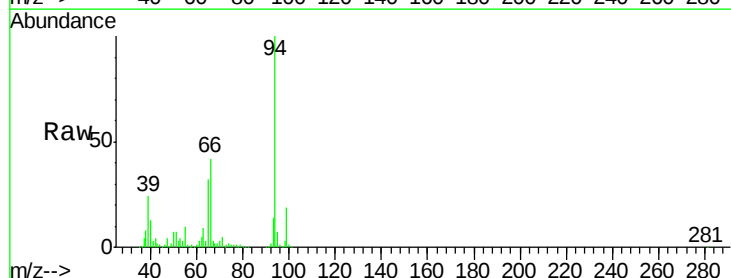
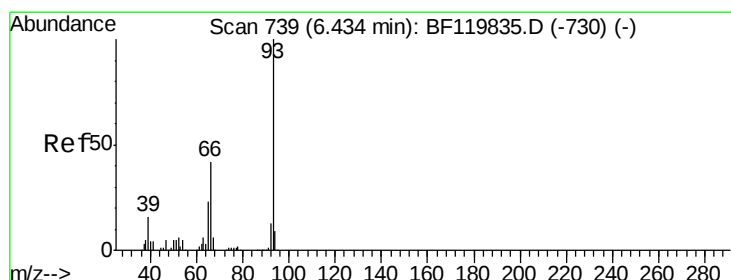
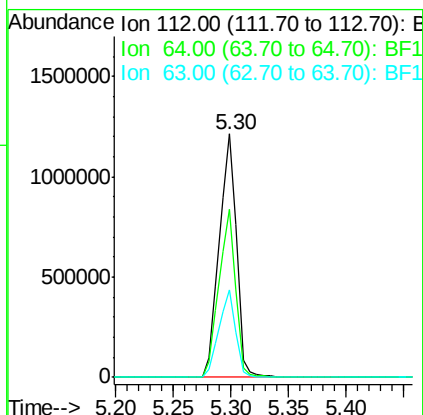
#5
2-Fluorophenol
Concen: 150.85 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion: 112 Resp: 1264346
Ion Ratio Lower Upper
112 100
64 68.9 56.7 85.1
63 36.0 29.5 44.3

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

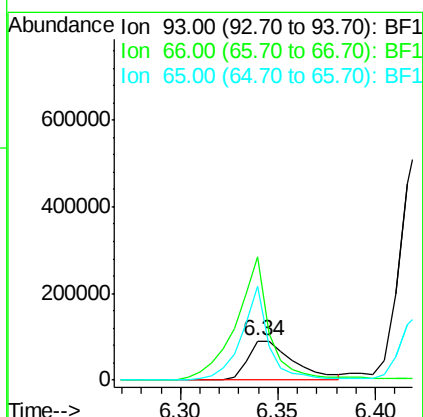
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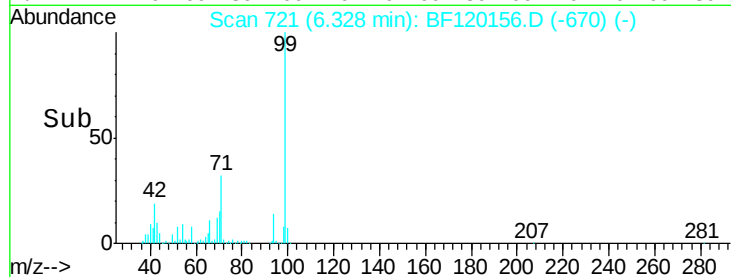
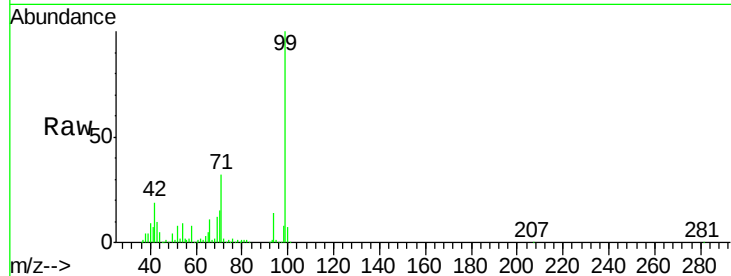
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#6
Aniline
Concen: 10.42 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion: 93 Resp: 147760
Ion Ratio Lower Upper
93 100
66 312.6 34.9 52.3#
65 237.0 18.6 27.8#





#7

Phenol-d6

Concen: 136.83 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion: 99 Resp: 1477778

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.4 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

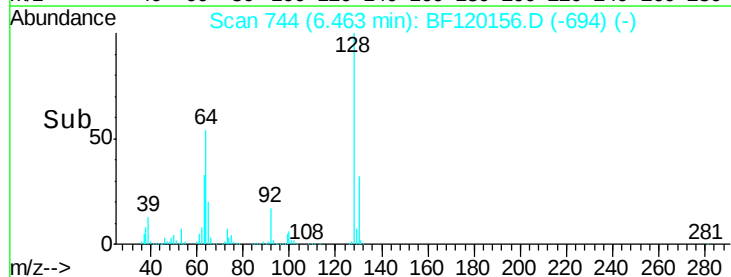
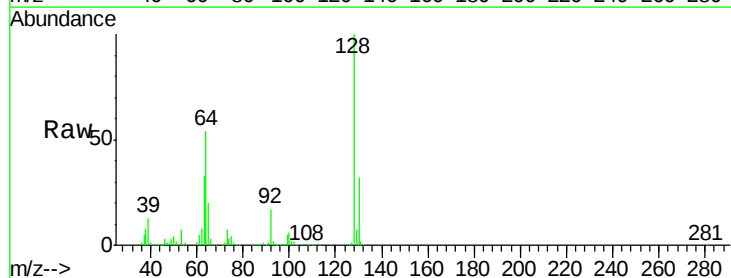
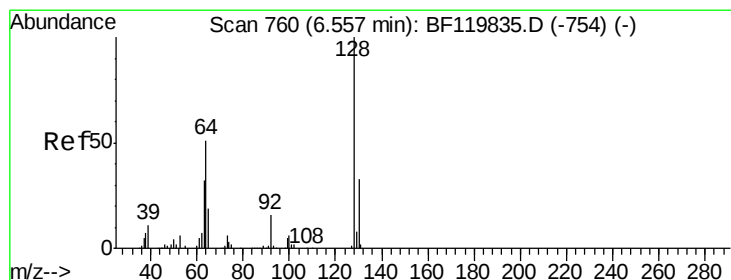
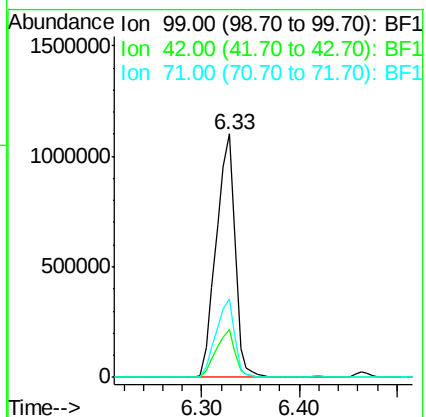
TR-05-042020MSD

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#8

2-Chlorophenol

Concen: 57.97 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

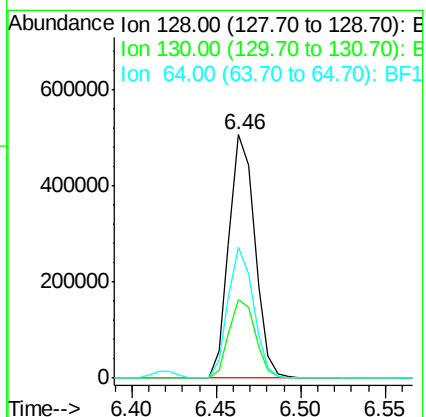
Tgt Ion: 128 Resp: 542883

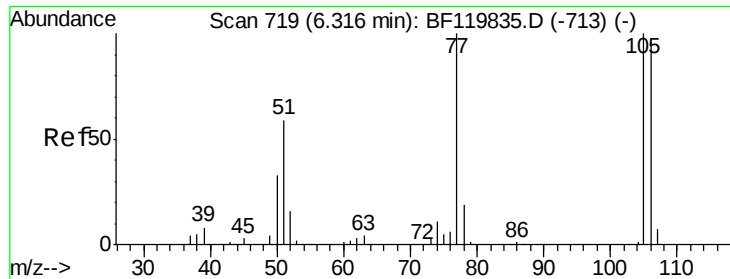
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 54.0 35.3 75.3





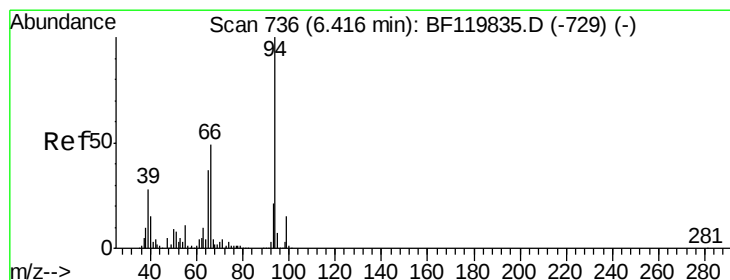
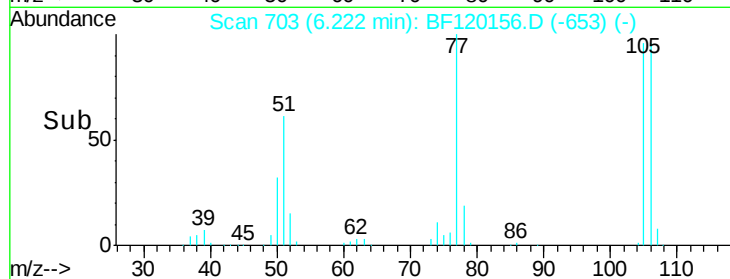
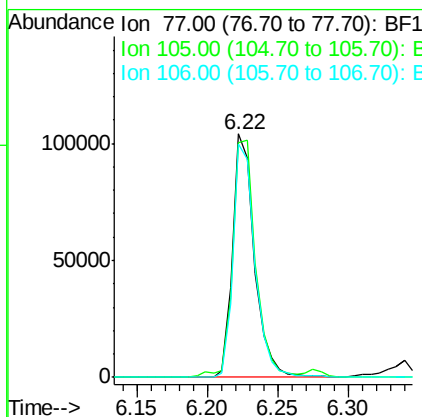
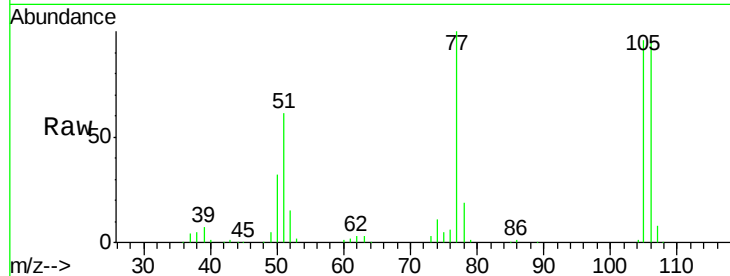
#9
Benzaldehyde
Concen: 13.62 ng
RT: 6.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.3	80.9	120.9
106	96.0	77.9	117.9

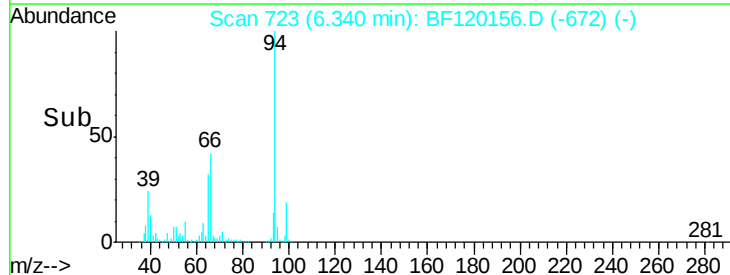
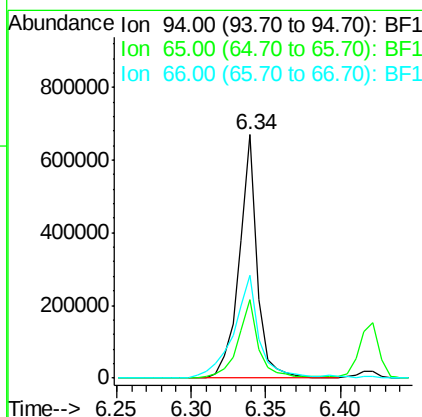
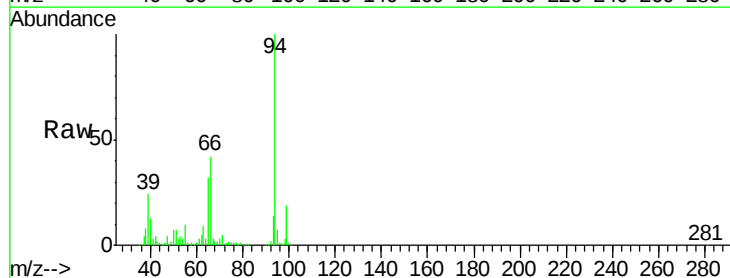
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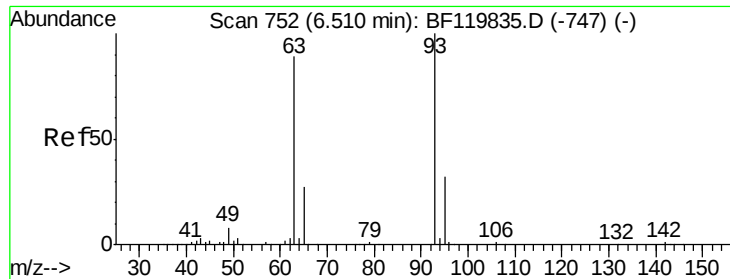
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#10
Phenol
Concen: 46.05 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	13.2	53.2
66	42.4	22.3	62.3





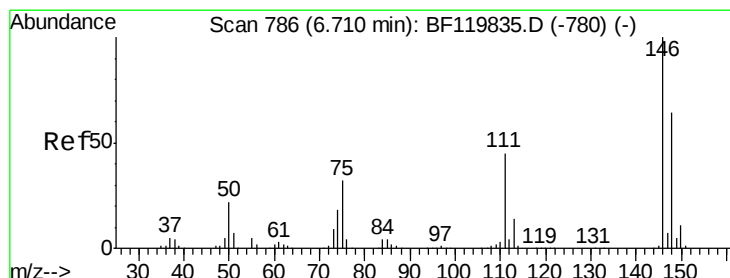
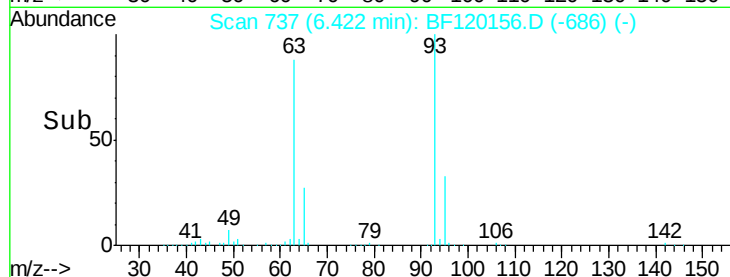
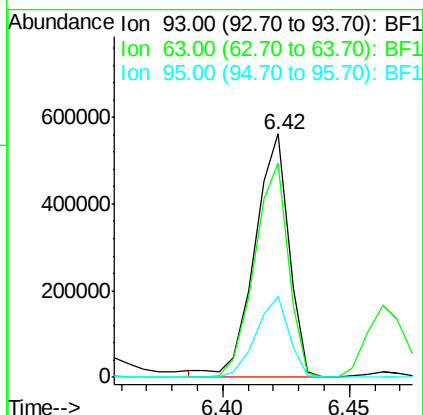
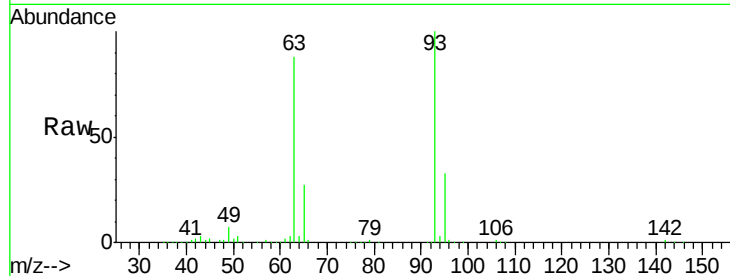
#11
bis(2-Chloroethyl)ether
Concen: 55.84 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion:	93	Resp:	528251
Ion Ratio	Lower	Upper	
93	100		
63	87.8	70.2	110.2
95	33.4	13.4	53.4

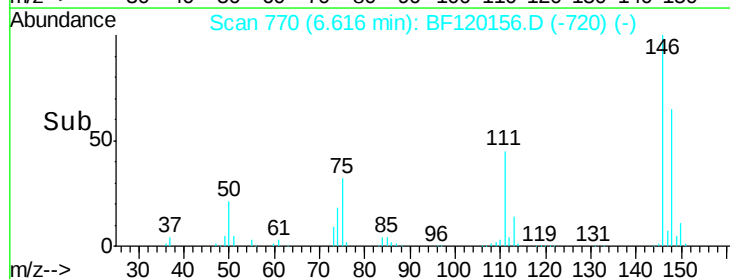
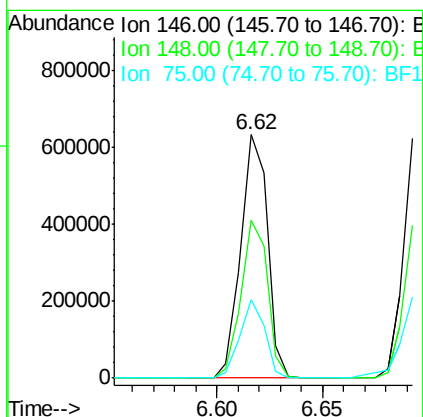
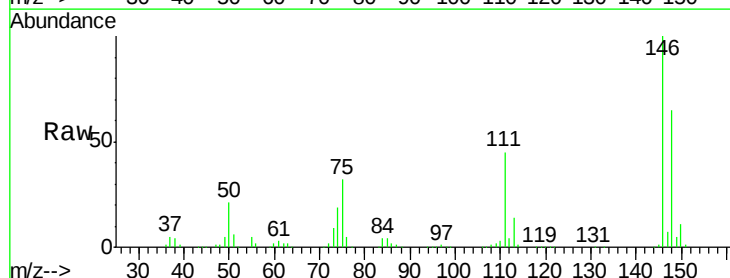
Manual Integrations
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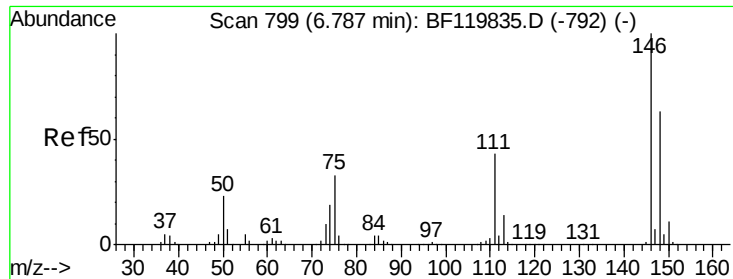
mohammad
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#12
1,3-Dichlorobenzene
Concen: 53.96 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion:	146	Resp:	553254
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
75	32.2	23.0	34.4





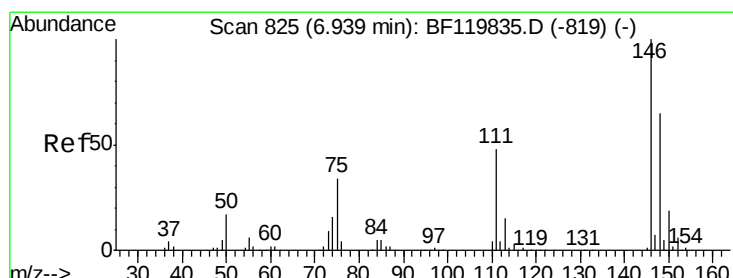
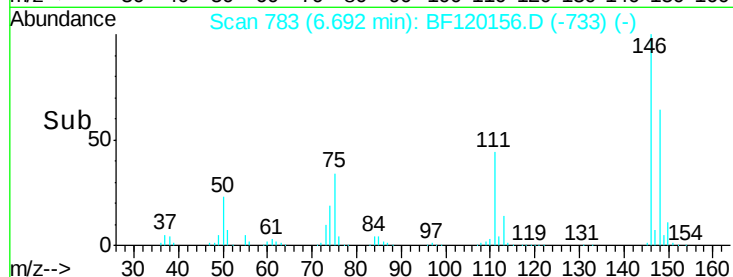
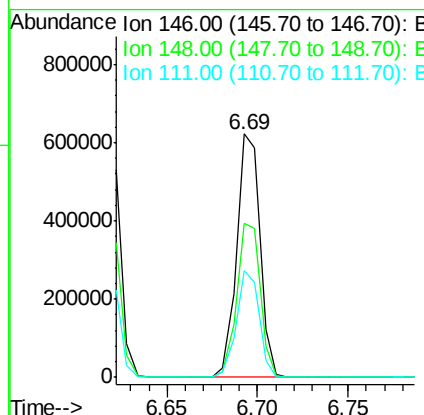
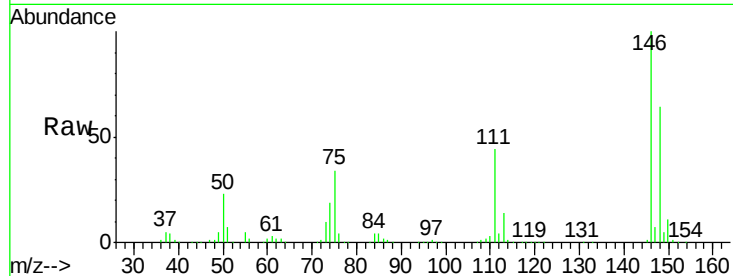
#13
1,4-Dichlorobenzene
Concen: 53.36 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	44.0	33.3	49.9

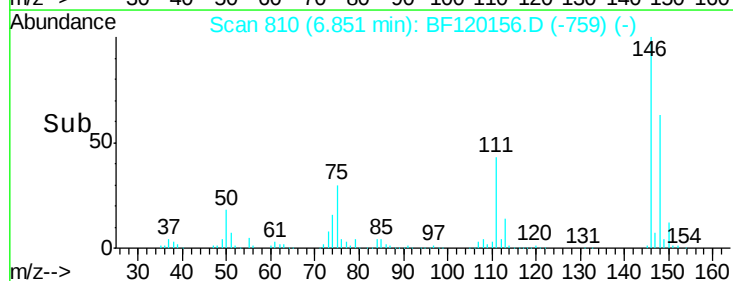
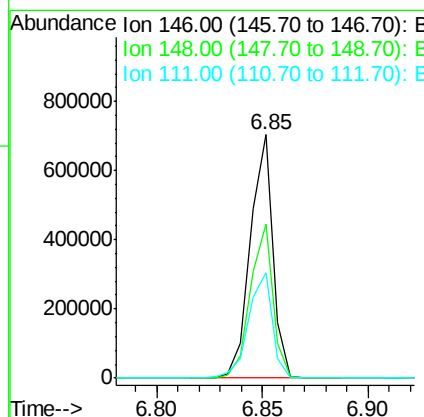
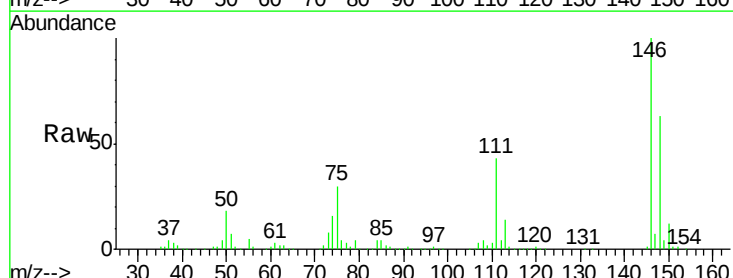
Manual Integrations
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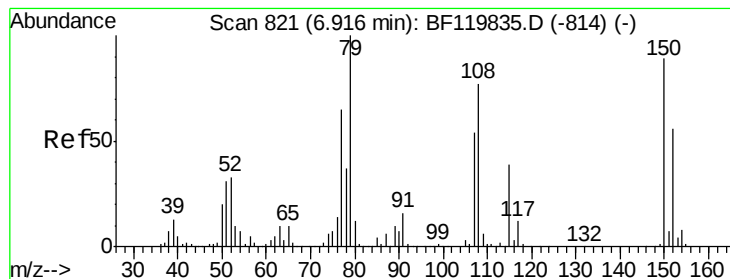
mohammad
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#14
1,2-Dichlorobenzene
Concen: 54.14 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	43.4	36.1	54.1





#15

Benzyl Alcohol

Concen: 48.28 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

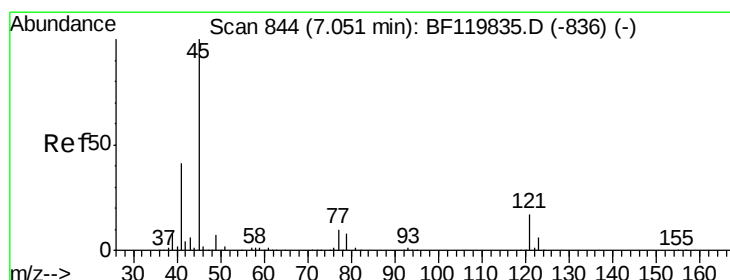
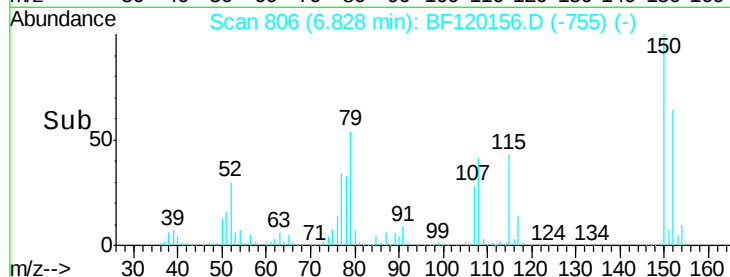
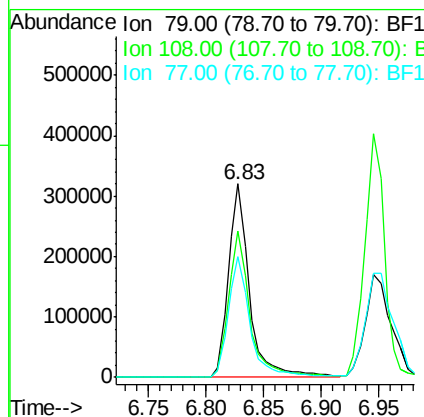
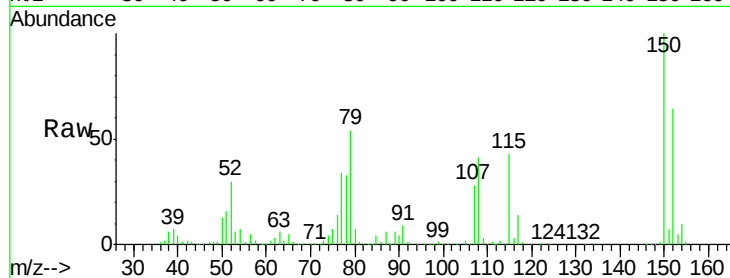
ClientSampleId :

TR-05-042020MSD

Tgt Ion:	79	Resp:	404986
Ion Ratio	Lower	Upper	
79	100		
108	75.9	60.6	90.8
77	62.3	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.33 ng

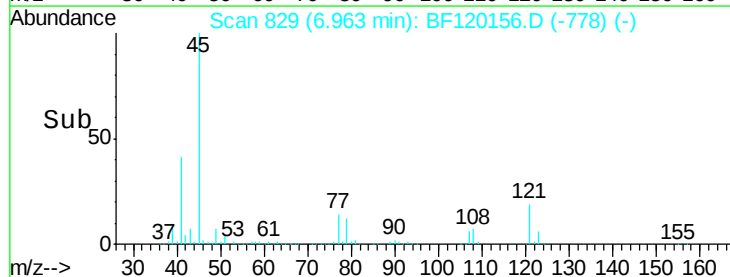
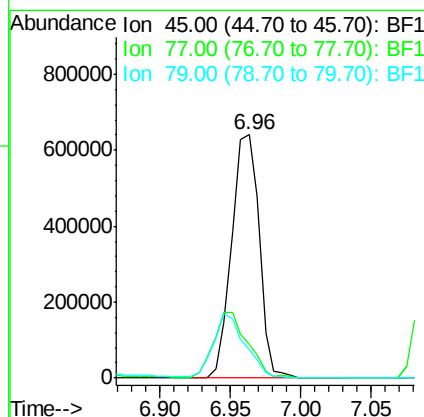
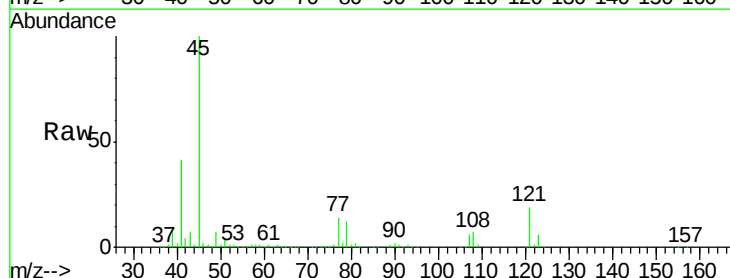
RT: 6.96 min Scan# 829

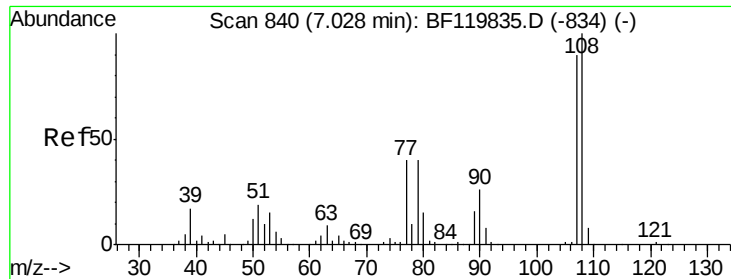
Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion:	45	Resp:	871295
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	30.7
79	11.7	0.0	28.2





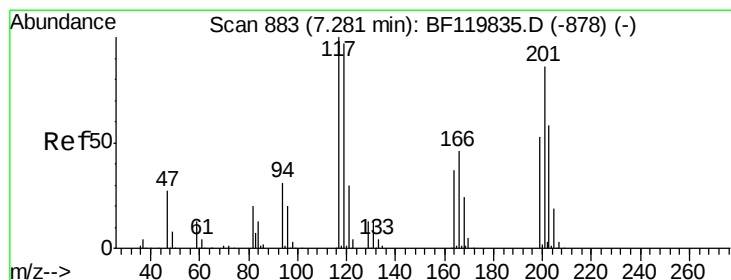
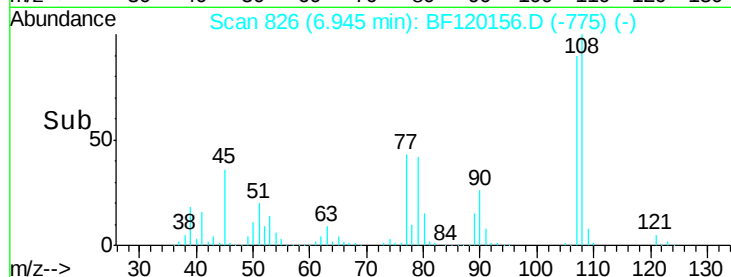
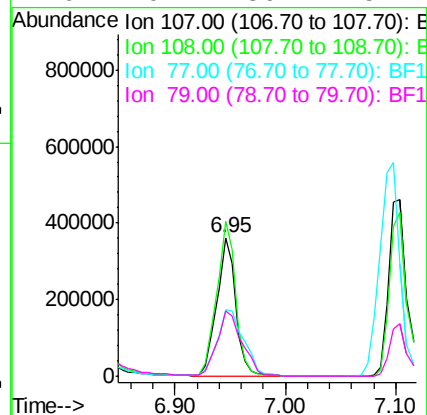
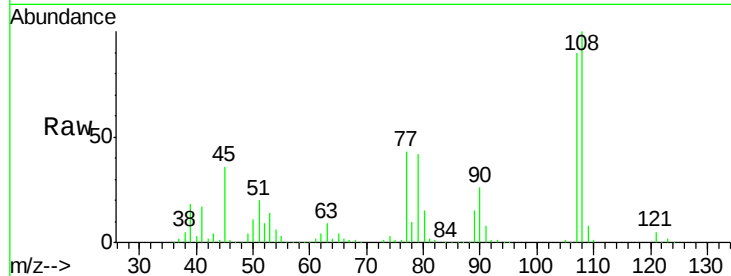
#17
2-Methylphenol
Concen: 51.35 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	429182		
108	111.3	92.2	138.4	
77	47.8	36.6	54.8	
79	46.7	36.2	54.4	

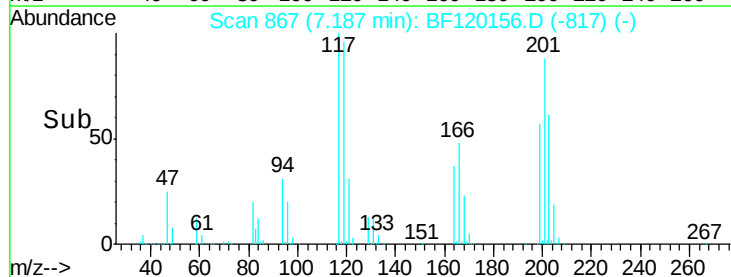
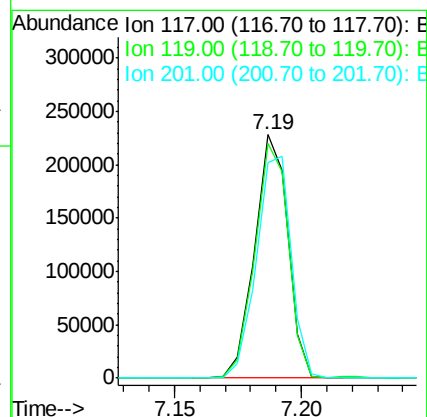
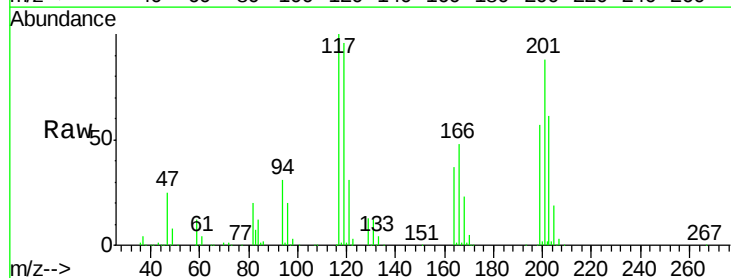
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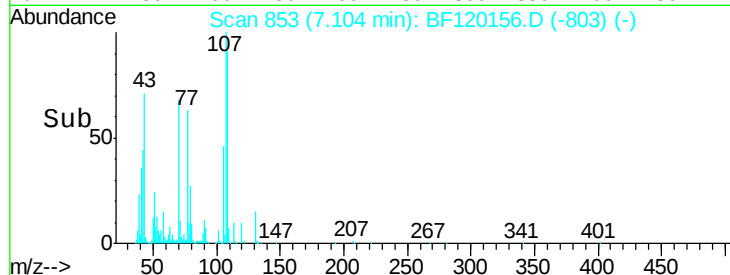
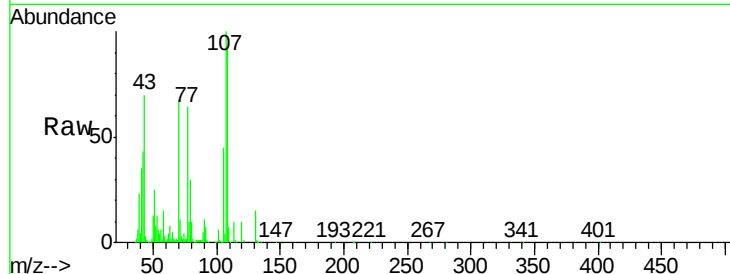
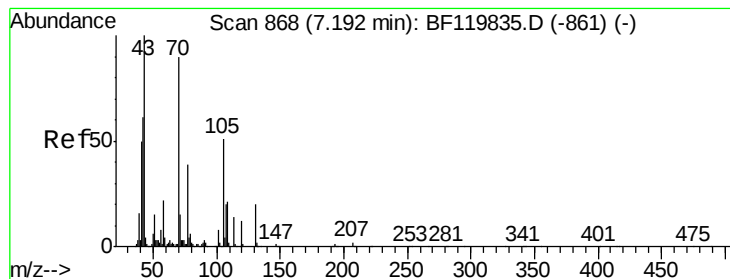
mohammad
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#18
Hexachloroethane
Concen: 53.57 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209082		
119	96.4	76.1	114.1	
201	88.2	73.0	109.6	





#19

n-Nitroso-di-n-propylamine

Concen: 54.13 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

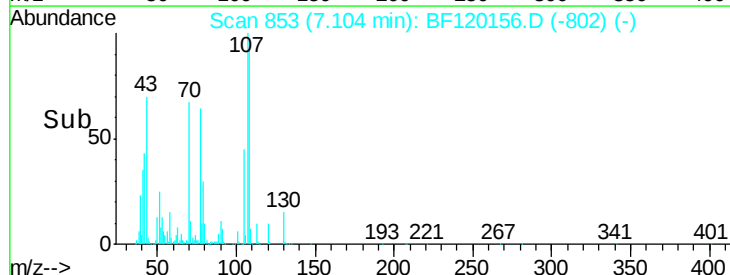
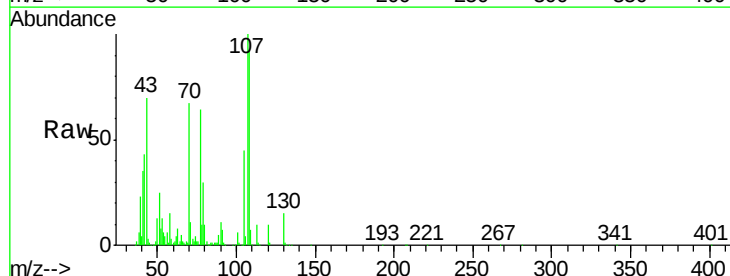
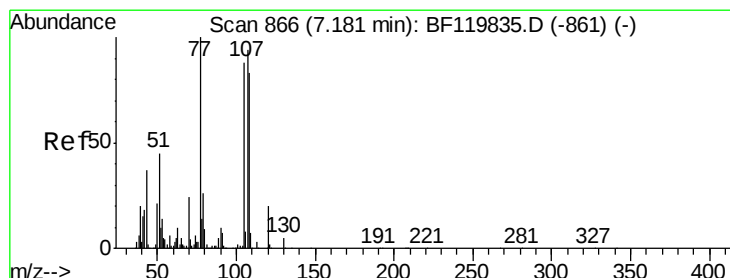
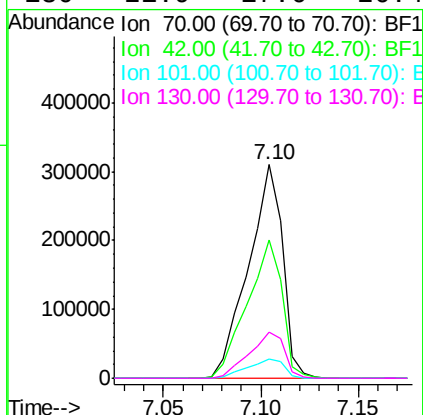
ClientSampleId :

TR-05-042020MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.7	54.5	81.7	
101	9.2	7.6	11.4	
130	21.9	17.6	26.4	

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#20

3+4-Methylphenols

Concen: 51.80 ng

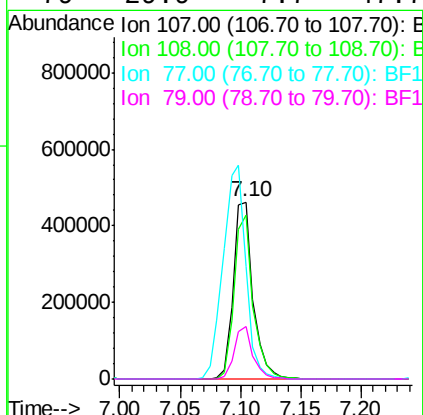
RT: 7.10 min Scan# 853

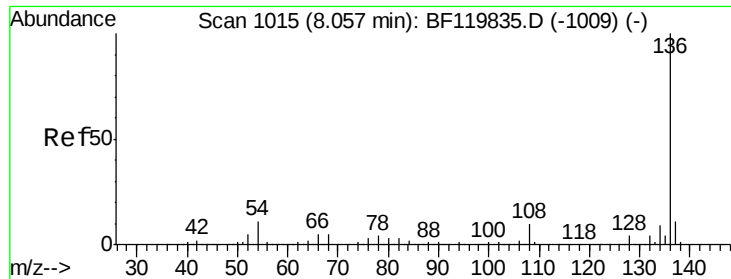
Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	67.9	107.9	
77	63.9	52.9	92.9	
79	29.9	7.7	47.7	





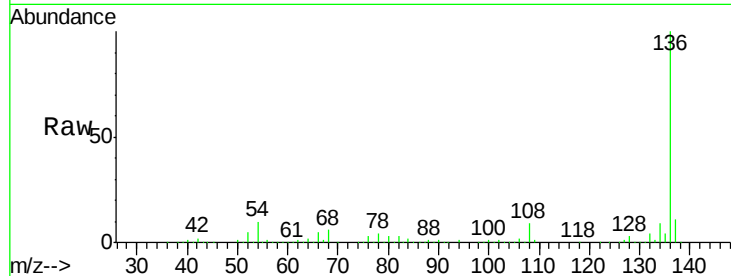
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

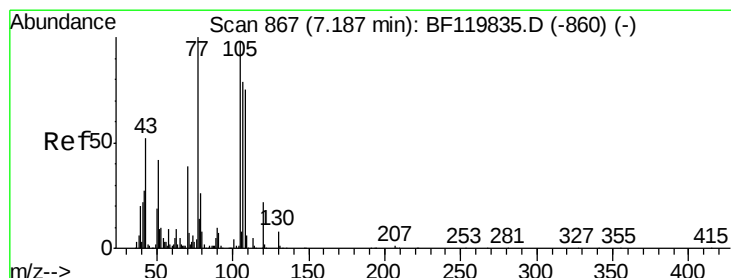
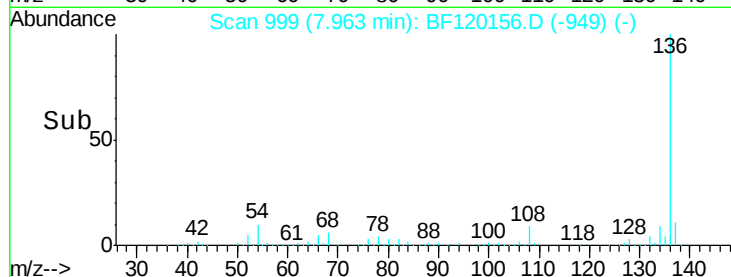
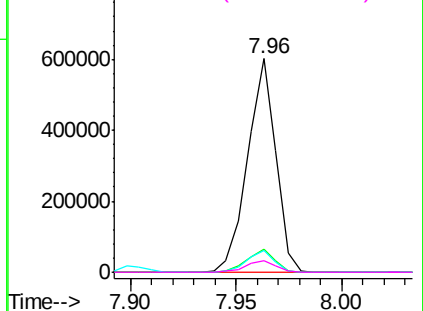
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	557211		
137	10.8	8.7	13.1	
54	10.0	9.1	13.7	
68	5.6	4.6	6.8	

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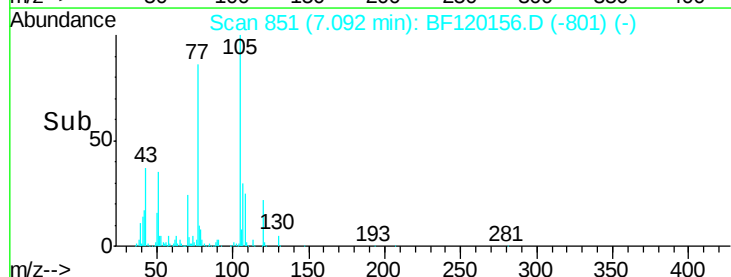
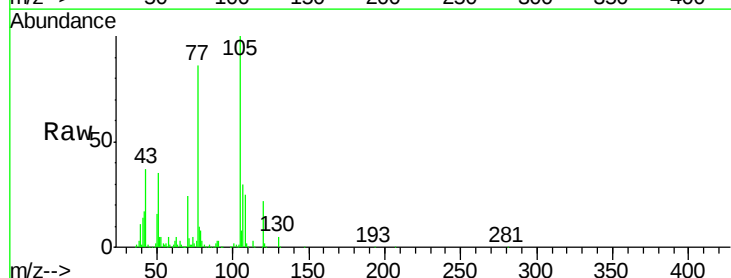
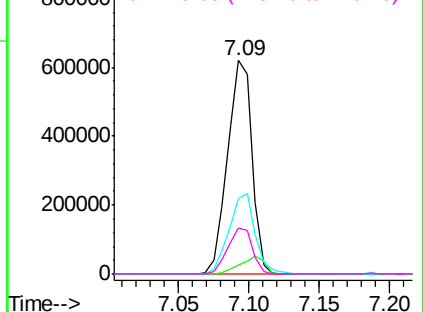
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

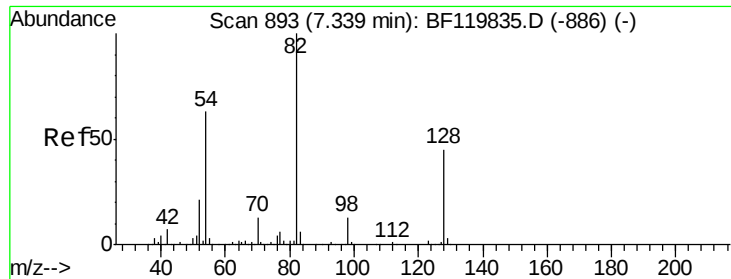


#22
Acetophenone
Concen: 57.02 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	743980		
71	4.1	5.7	8.5#	
51	35.1	26.2	39.4	
120	21.7	18.3	27.5	

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





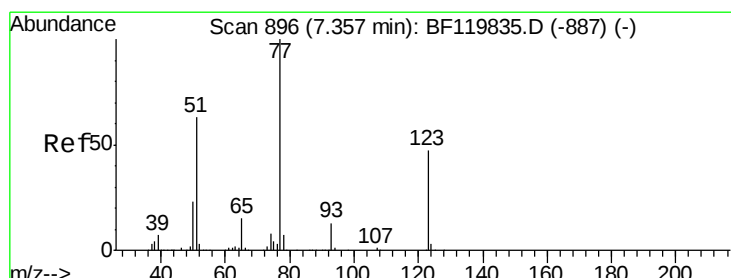
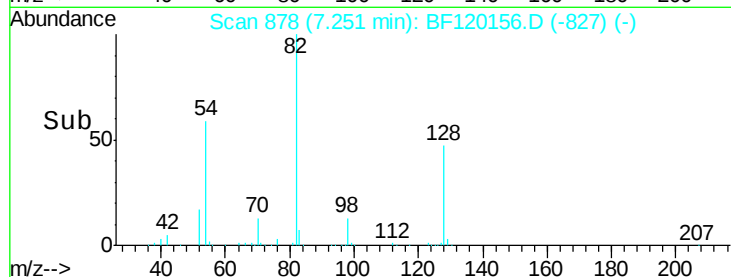
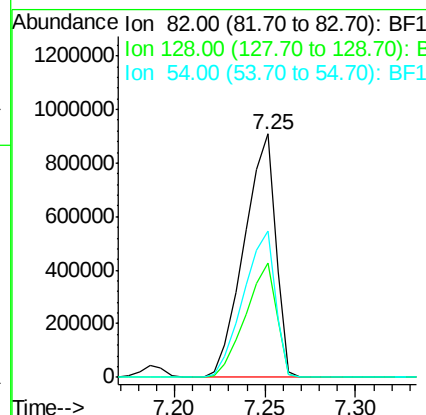
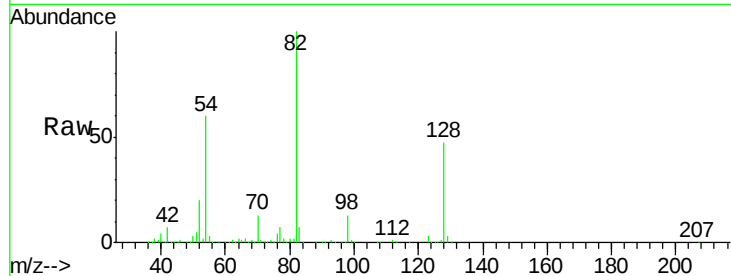
#23
 Nitrobenzene-d5
 Concen: 101.81 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion: 82 Resp: 1096548
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 60.3 50.6 75.8

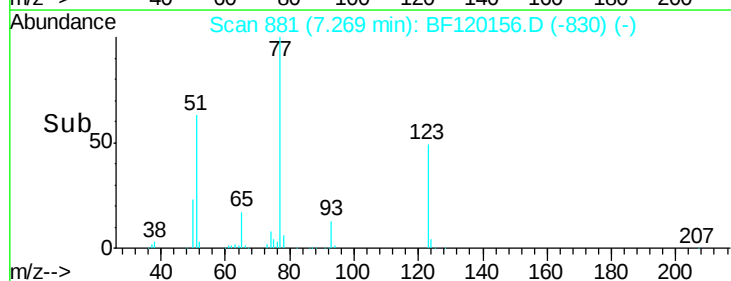
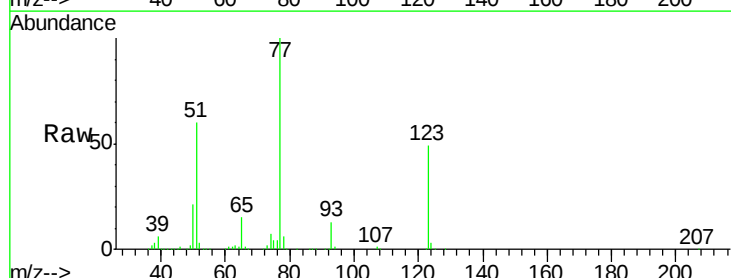
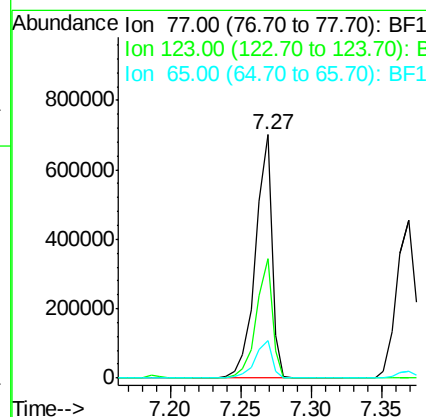
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#24
 Nitrobenzene
 Concen: 53.12 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion: 77 Resp: 575577
 Ion Ratio Lower Upper
 77 100
 123 49.2 38.0 57.0
 65 15.4 12.6 18.8





#25

Isophorone

Concen: 50.79 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MSD

Tgt Ion: 82 Resp: 1054492

Ion Ratio Lower Upper

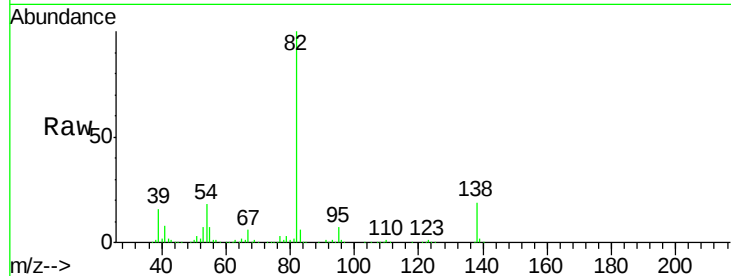
82 100

95 6.7 5.8 8.6

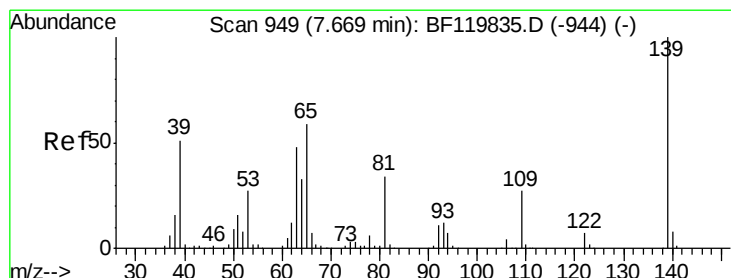
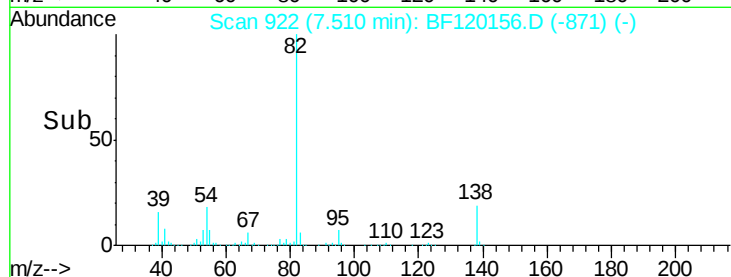
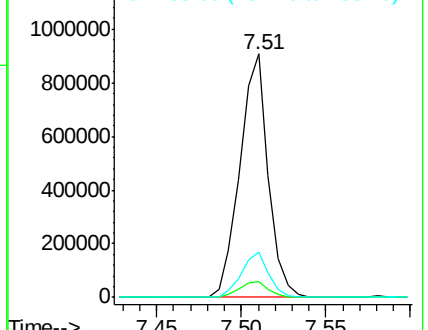
138 18.7 14.6 21.8

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



#26

2-Nitrophenol

Concen: 54.83 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

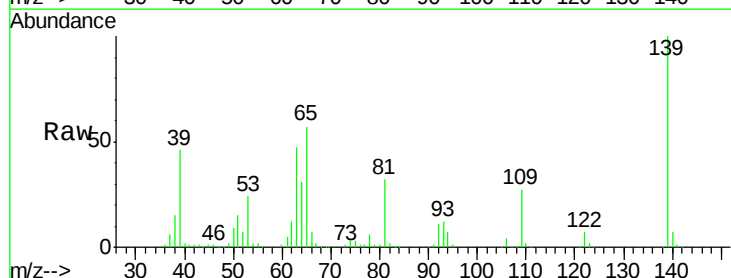
Tgt Ion: 139 Resp: 296813

Ion Ratio Lower Upper

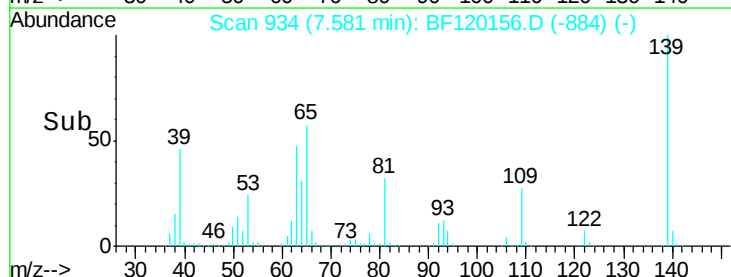
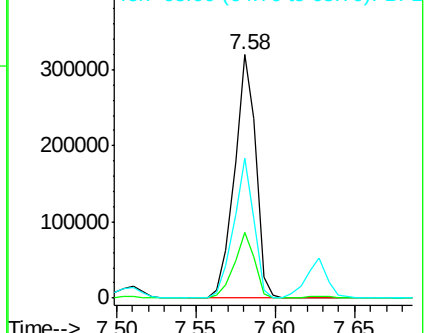
139 100

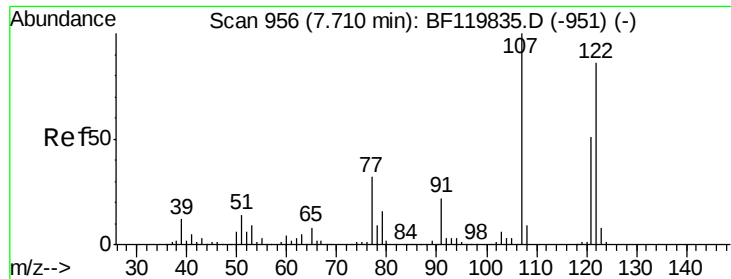
109 27.2 22.1 33.1

65 57.5 49.2 73.8



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





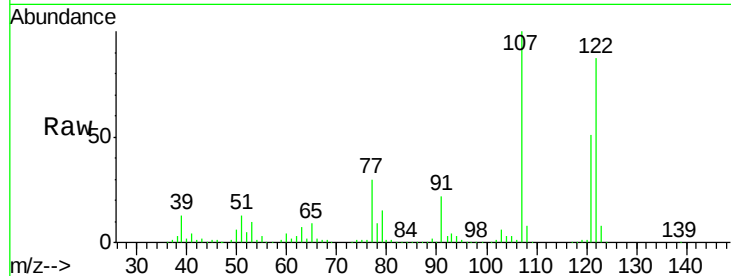
#27
 2,4-Dimethylphenol
 Concen: 55.62 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
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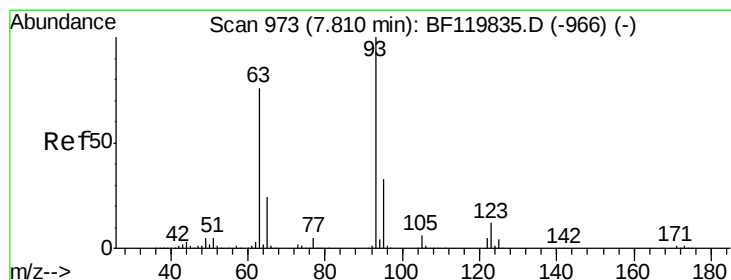
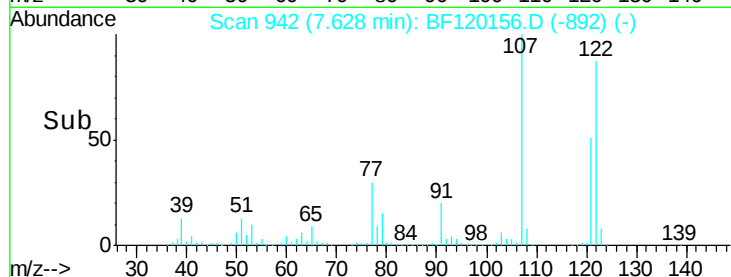
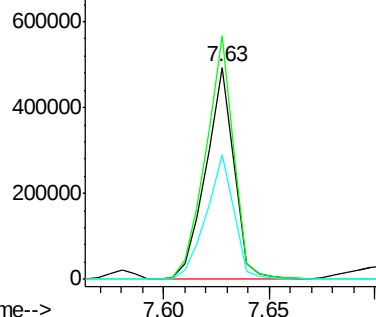
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	454073		
107	114.9	89.0	133.6	
121	59.1	46.7	70.1	

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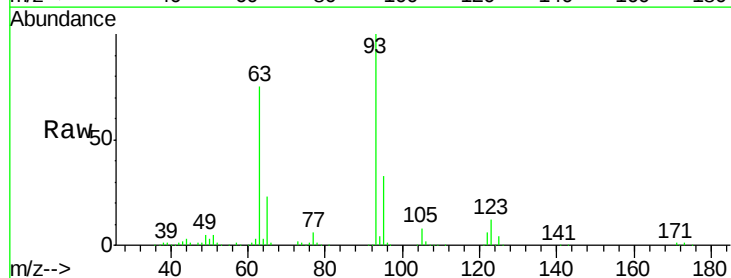


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

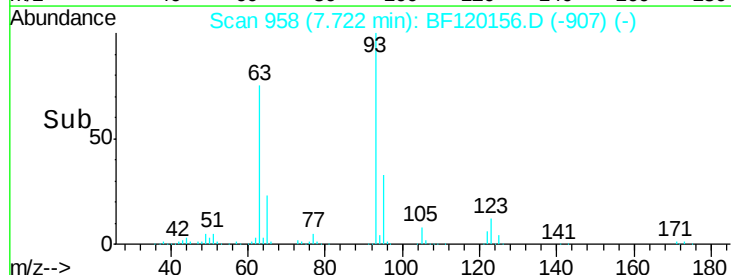
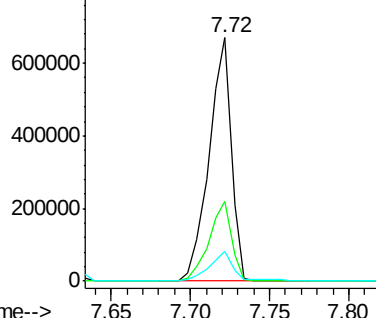


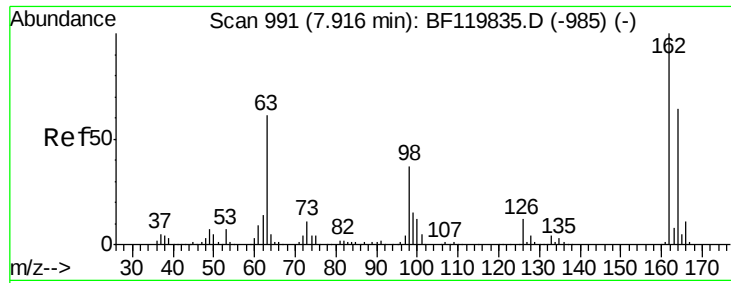
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.12 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	649015		
95	32.7	26.3	39.5	
123	12.1	9.7	14.5	



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





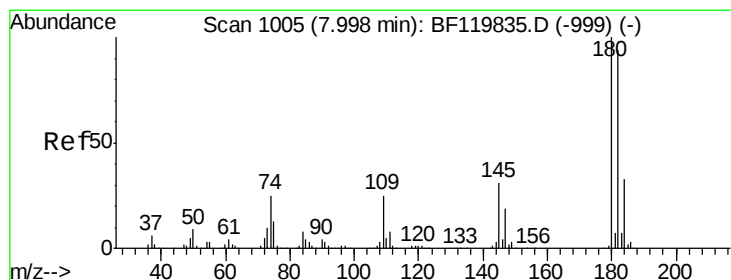
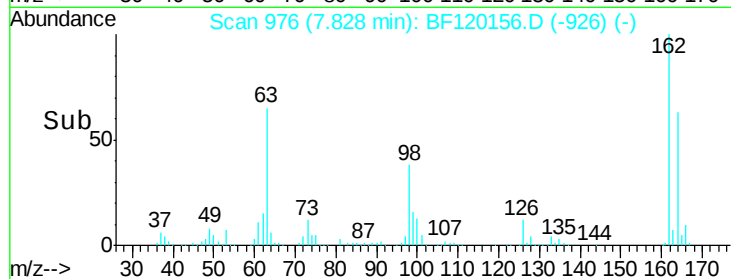
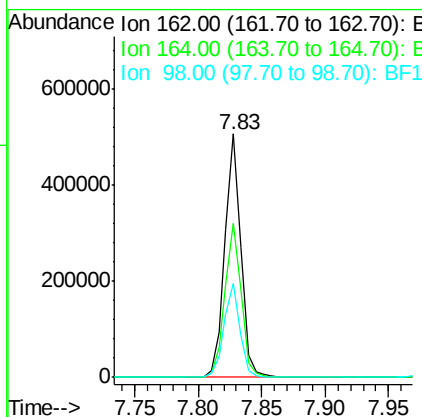
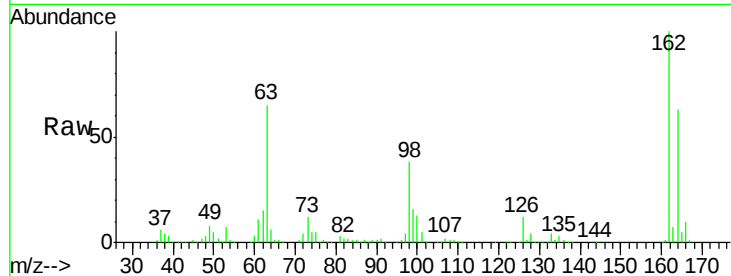
#29
 2,4-Dichlorophenol
 Concen: 53.23 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
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Tgt Ion:	162	Resp:	445413
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.7	84.7
98	38.4	20.7	60.7

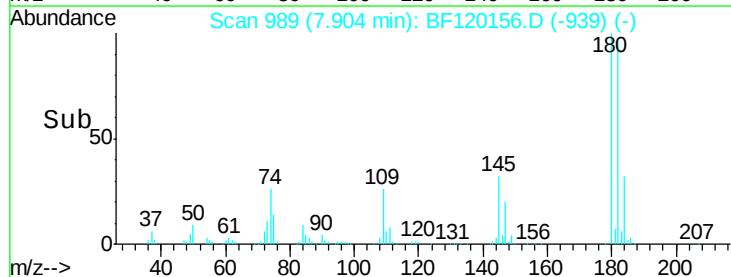
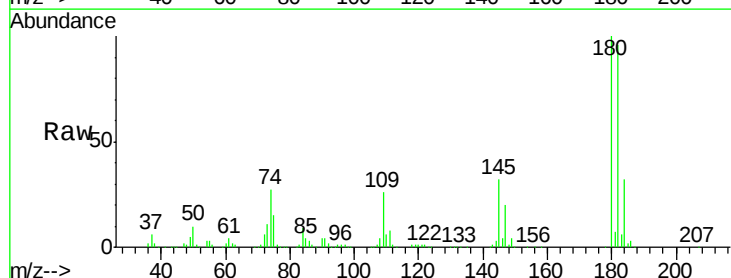
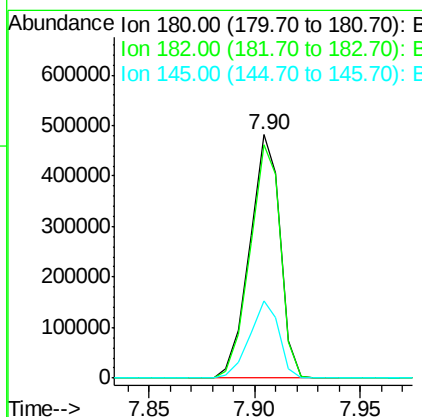
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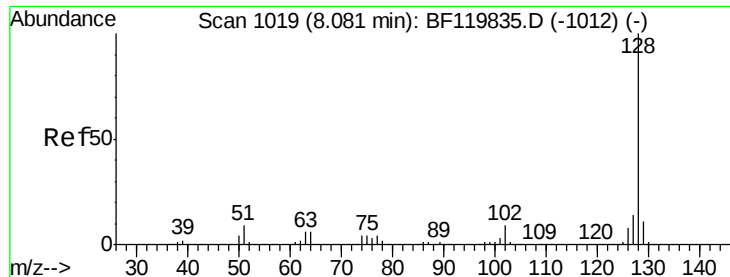
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.67 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion:	180	Resp:	480419
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.7	112.1
145	31.6	24.5	36.7





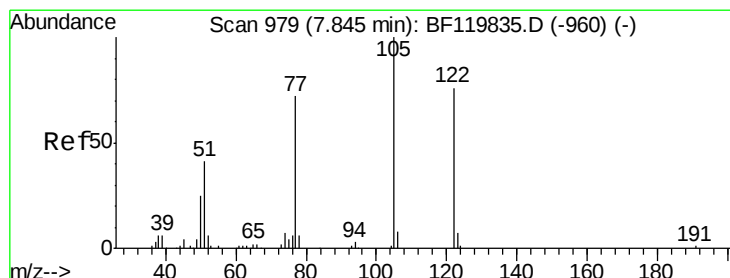
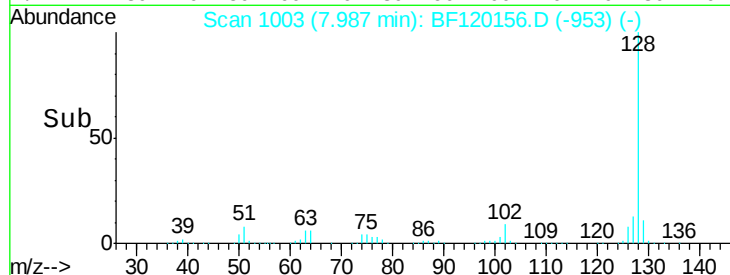
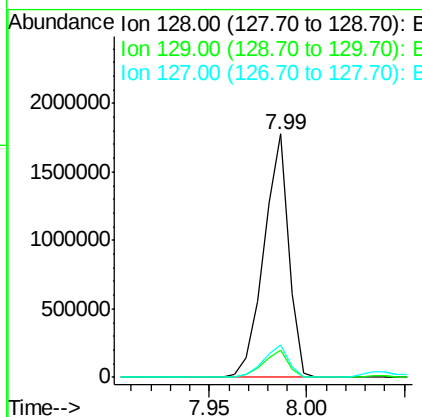
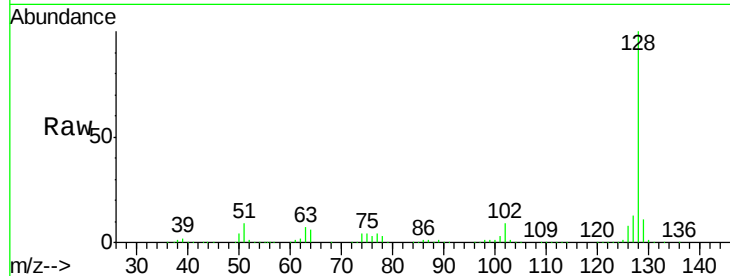
#31
Naphthalene
Concen: 53.12 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion:128 Resp: 1557312
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.3 11.3 16.9

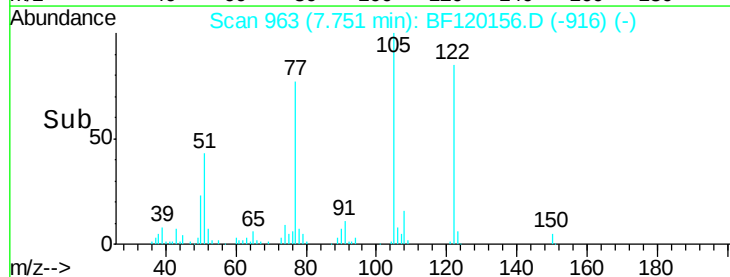
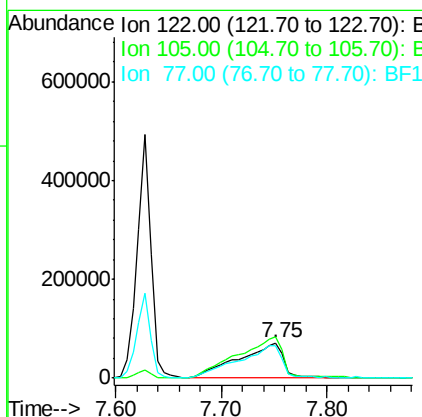
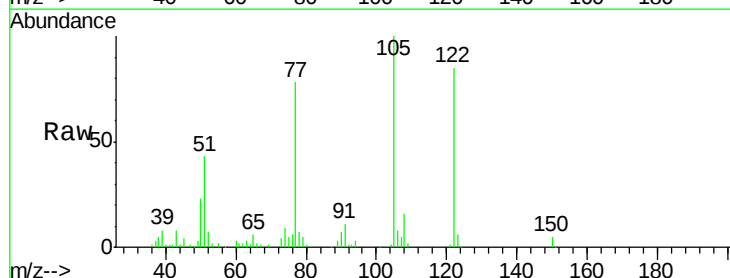
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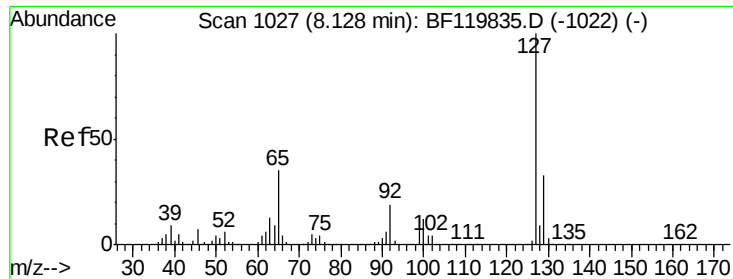
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#32
Benzoic acid
Concen: 28.48 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion:122 Resp: 204197
Ion Ratio Lower Upper
122 100
105 117.8 104.9 144.9
77 91.4 74.4 114.4





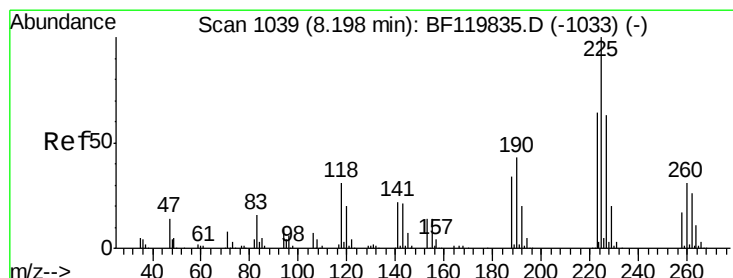
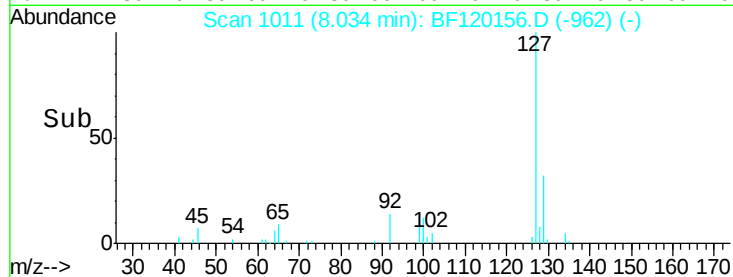
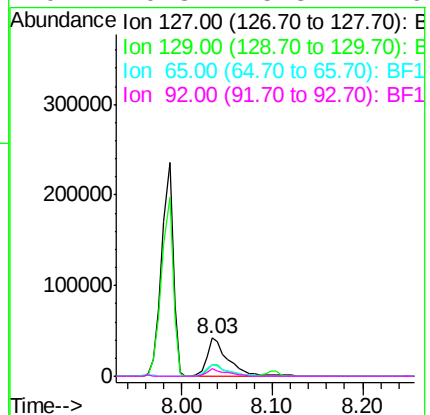
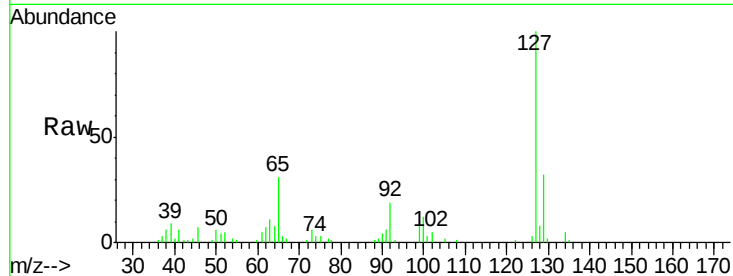
#33
4-Chloroaniline
Concen: 5.45 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	69592		
129	31.7	26.2	39.4	
65	31.3	27.4	41.0	
92	19.3	15.3	22.9	

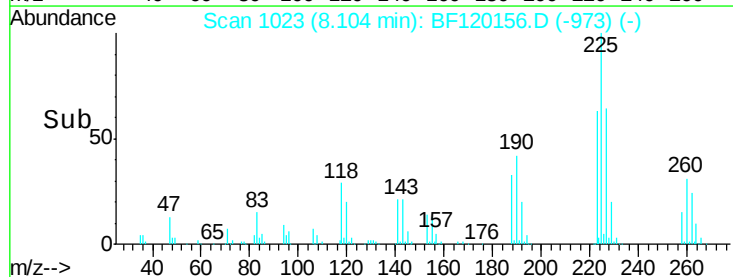
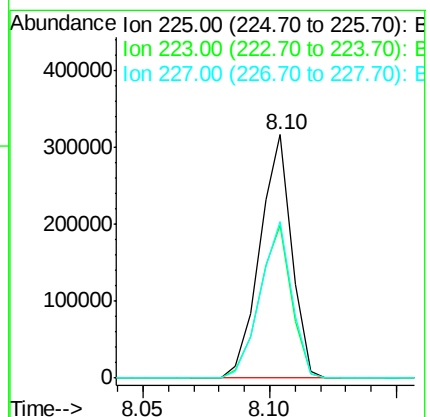
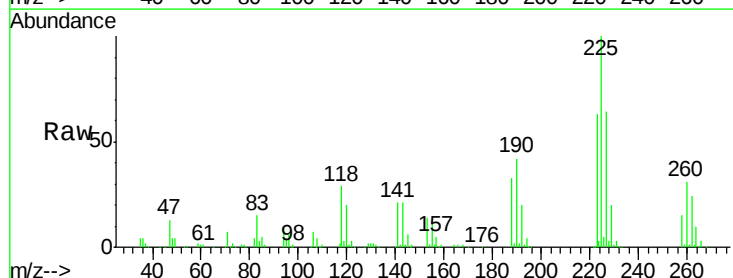
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#34
Hexachlorobutadiene
Concen: 48.58 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	275762		
223	62.6	51.0	76.6	
227	64.5	50.7	76.1	





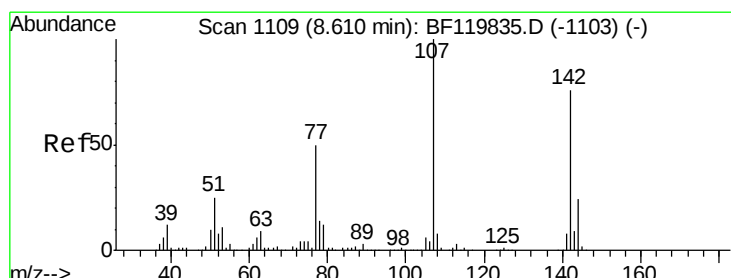
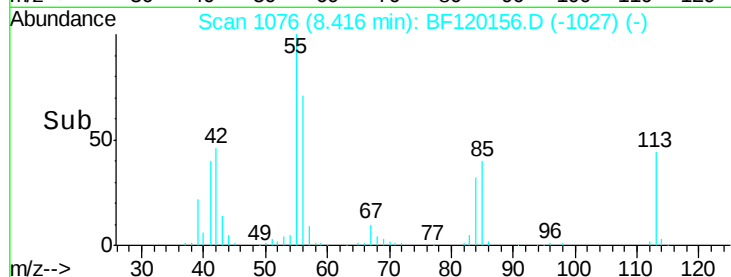
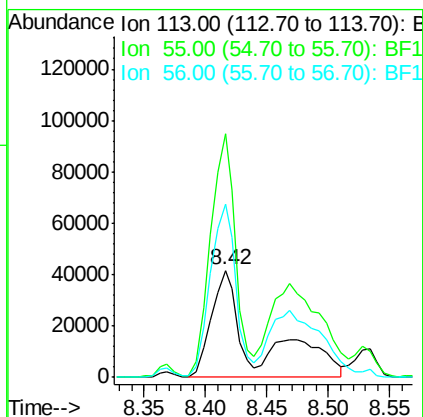
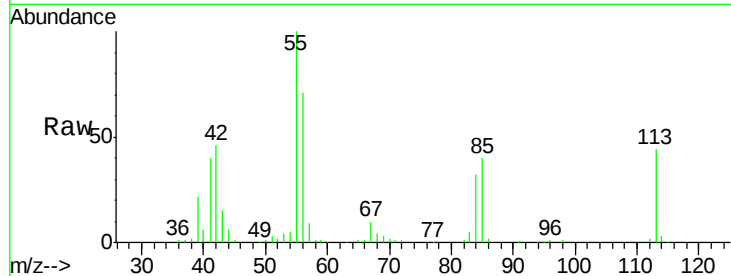
#35
 Caprolactam
 Concen: 41.04 ng m
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion: 113 Resp: 105052
 Ion Ratio Lower Upper
 113 100
 55 227.2 218.4 258.4
 56 161.8 148.9 188.9

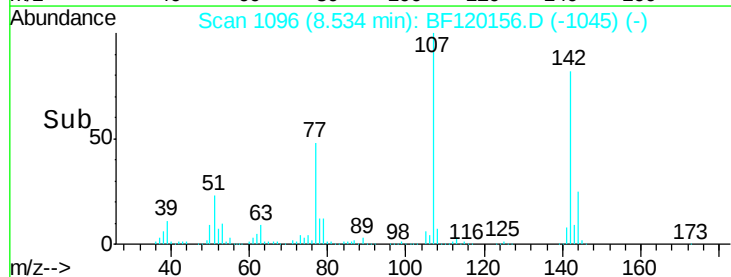
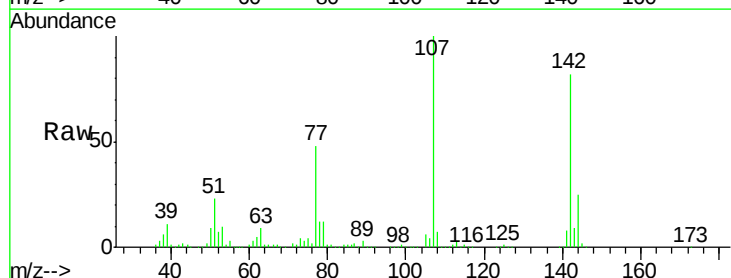
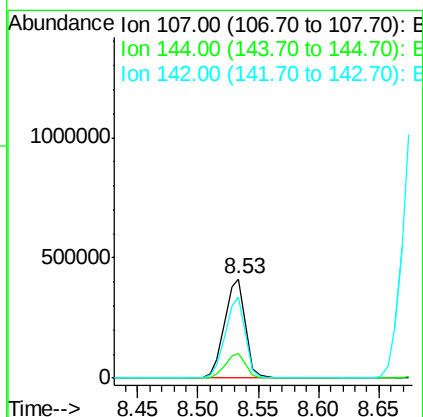
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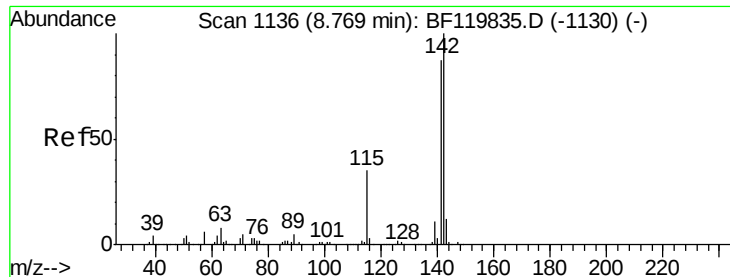
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#36
 4-Chloro-3-methylphenol
 Concen: 53.88 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion: 107 Resp: 488146
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.0 31.6
 142 81.7 64.4 96.6





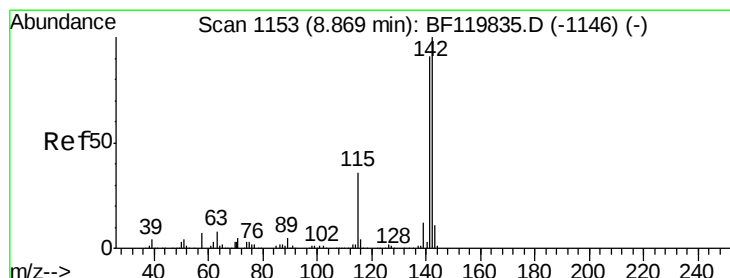
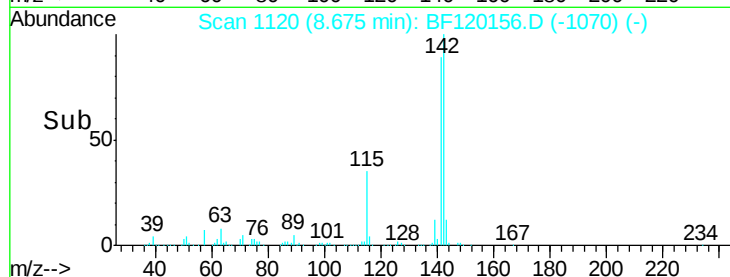
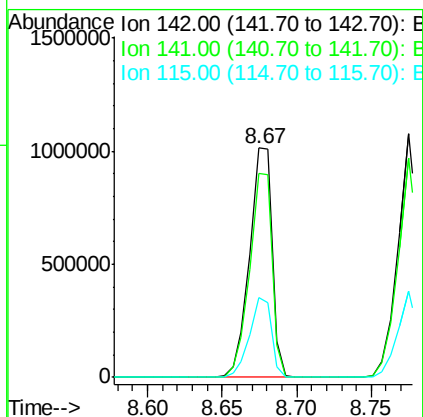
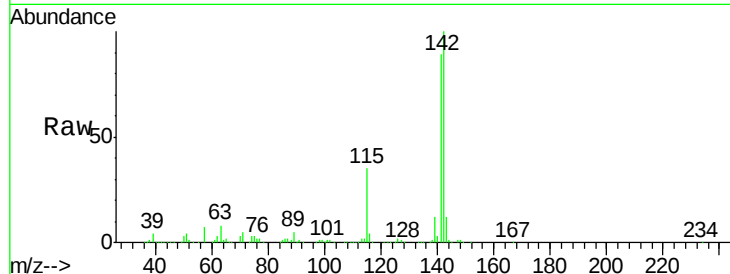
#37
 2-Methylnaphthalene
 Concen: 53.15 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5
115	34.6	27.9	41.9

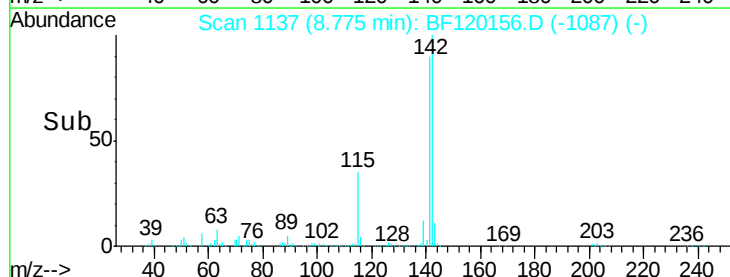
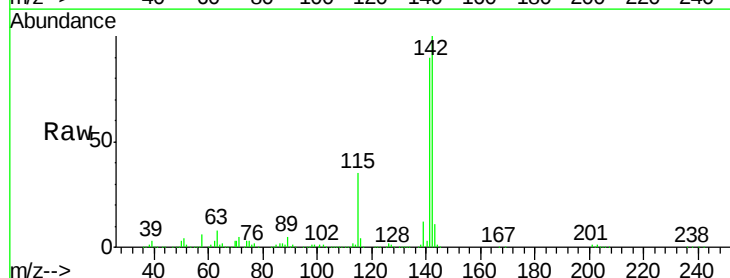
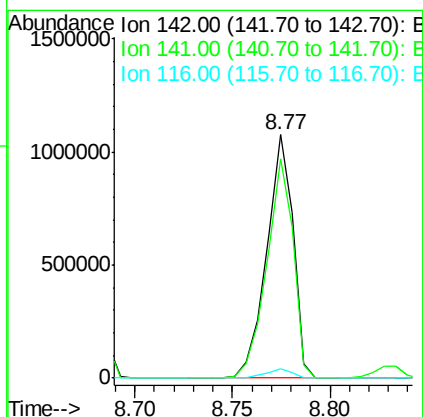
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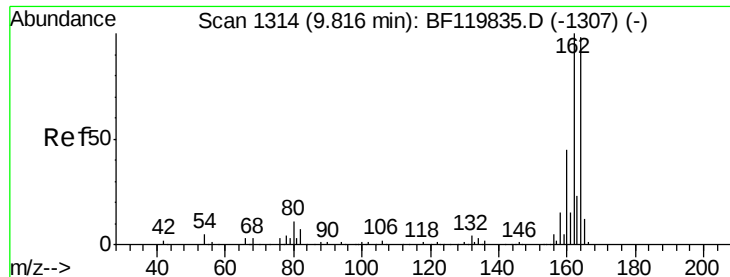
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#38
 1-Methylnaphthalene
 Concen: 53.80 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.7	110.5
116	3.6	3.0	4.6





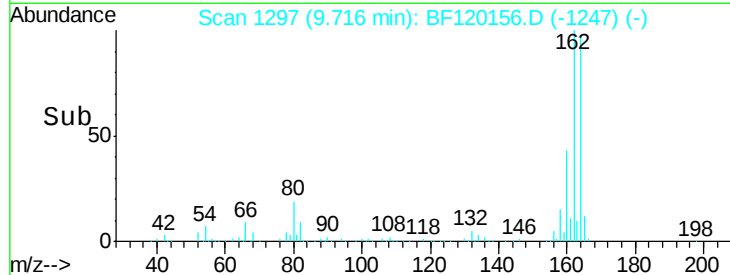
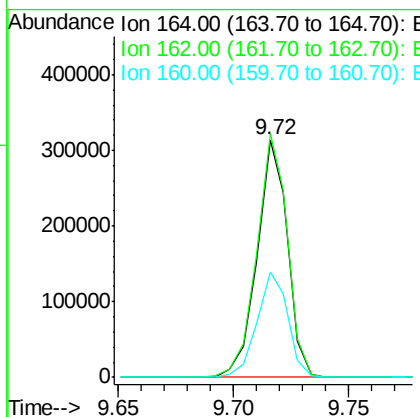
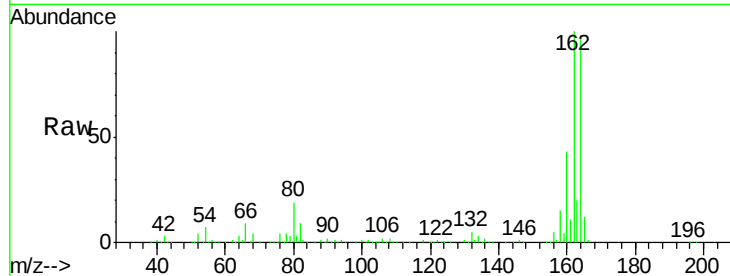
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	286533		
162	102.5	80.6	121.0	
160	44.4	35.7	53.5	

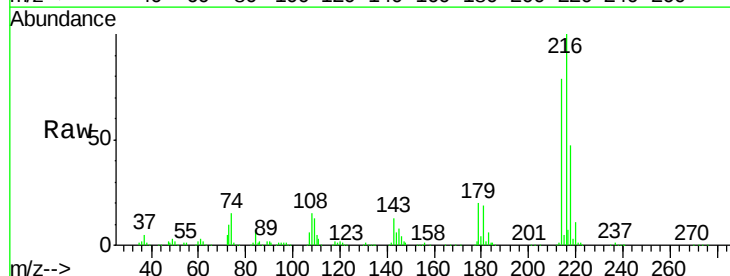
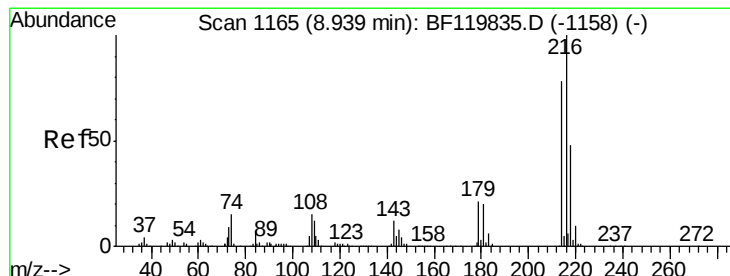
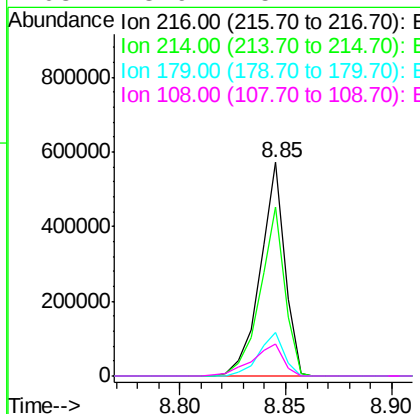
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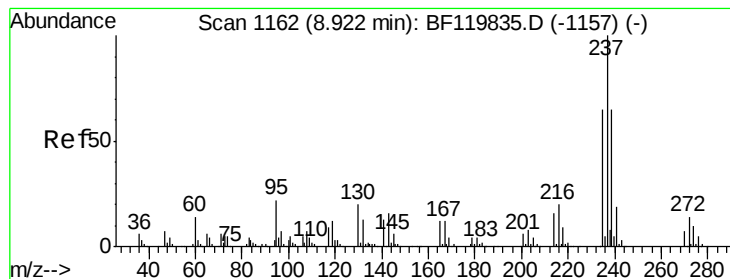
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.16 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	463019		
214	79.5	63.2	94.8	
179	21.0	17.1	25.7	
108	18.9	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 86.19 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

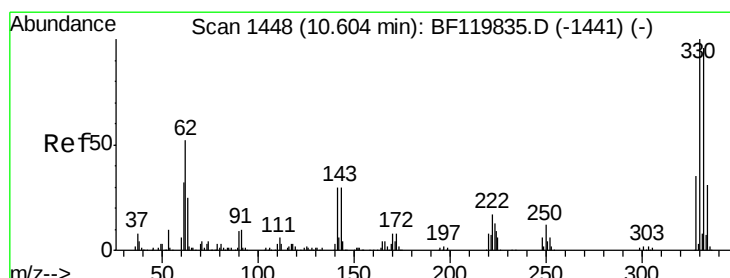
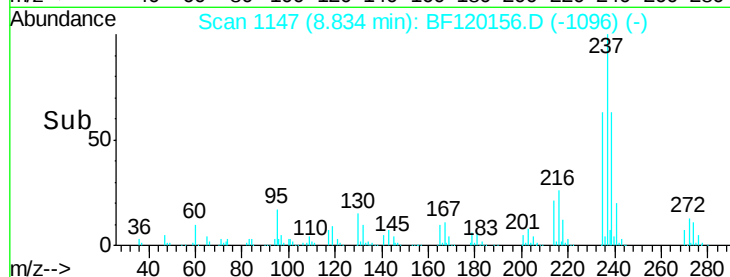
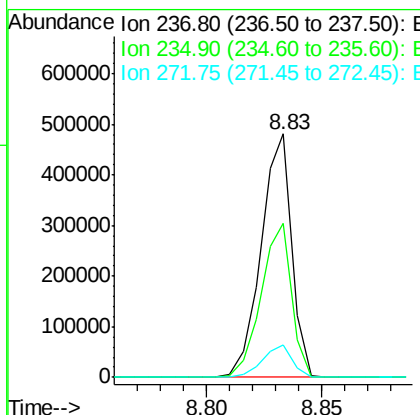
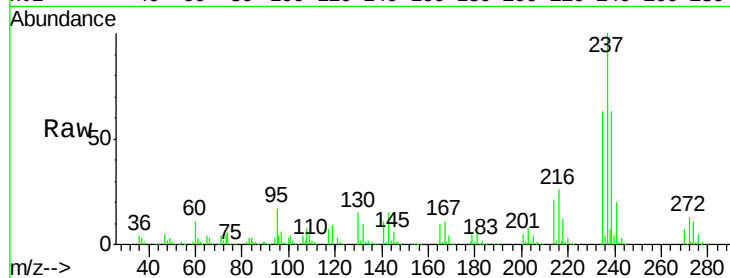
ClientSampleId :

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Tgt Ion:	237	Resp:	443563
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	13.4	0.0	34.1

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#42

2,4,6-Tribromophenol

Concen: 132.93 ng

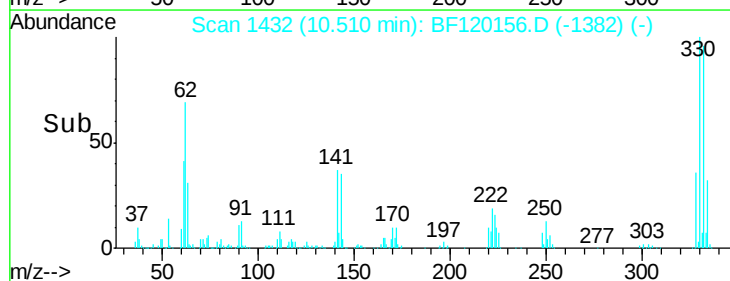
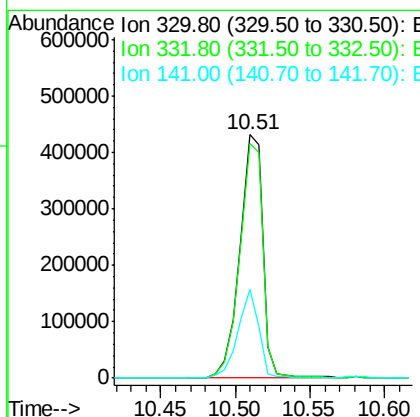
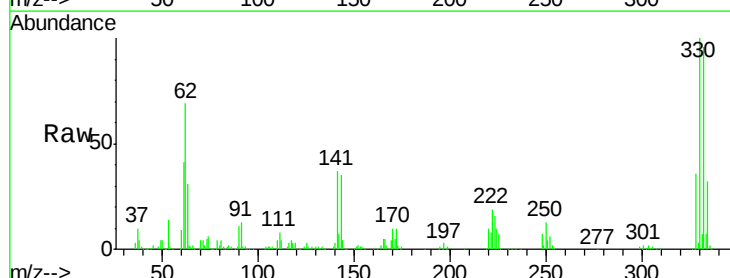
RT: 10.51 min Scan# 1432

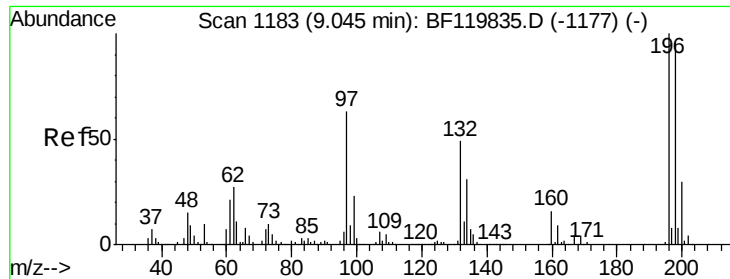
Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion:	330	Resp:	466328
Ion Ratio	Lower	Upper	
330	100		
332	97.0	75.7	113.5
141	33.3	25.4	38.0





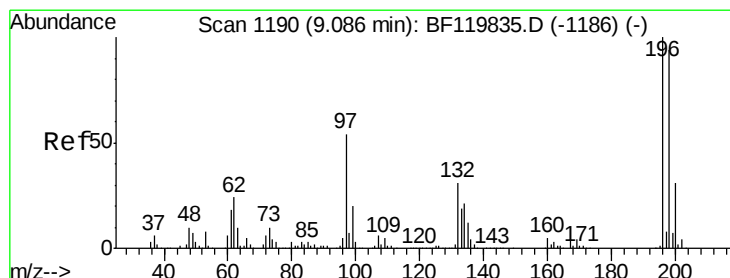
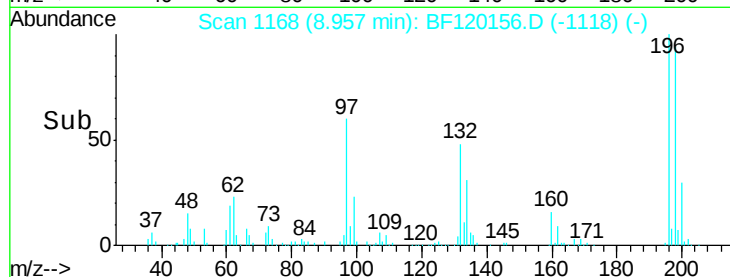
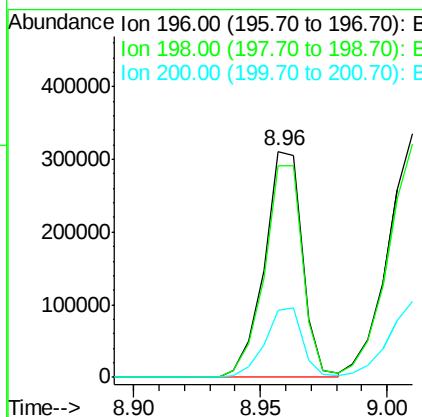
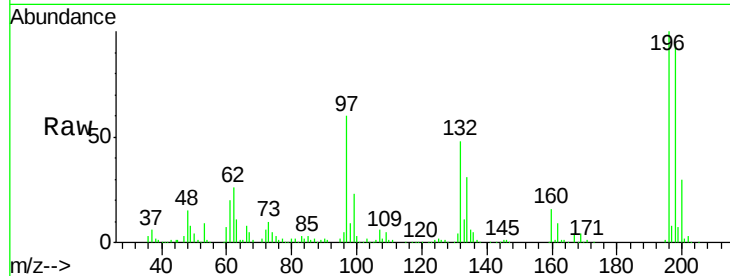
#43
 2,4,6-Trichlorophenol
 Concen: 51.87 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	324126		
198	93.5	76.6	115.0	
200	29.6	24.6	36.8	

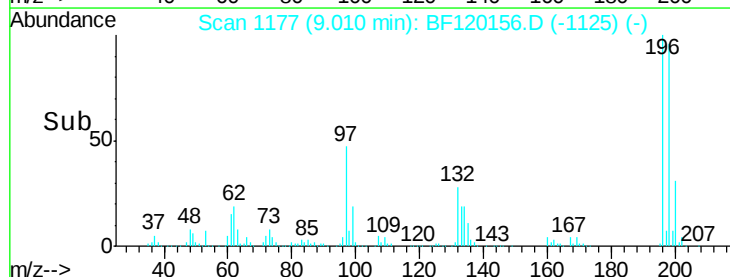
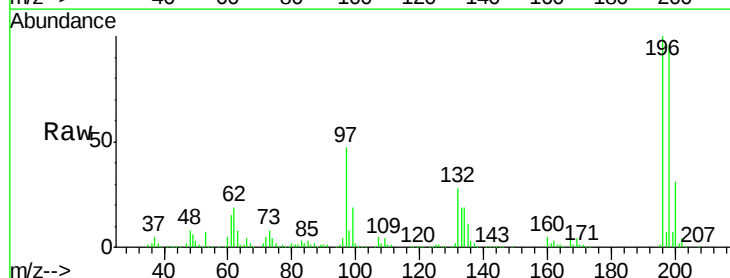
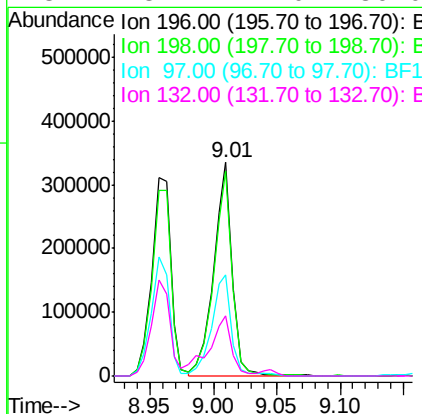
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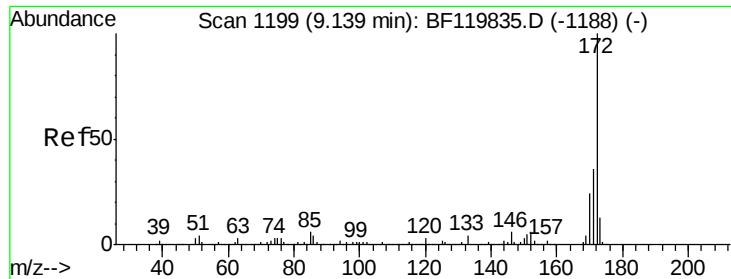
mohammad
 4/24/2020 4:18:16 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.84 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	343736		
198	96.1	73.8	110.8	
97	47.4	42.6	63.8	
132	28.4	24.0	36.0	





#45
 2-Fluorobiphenyl
 Concen: 102.60 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

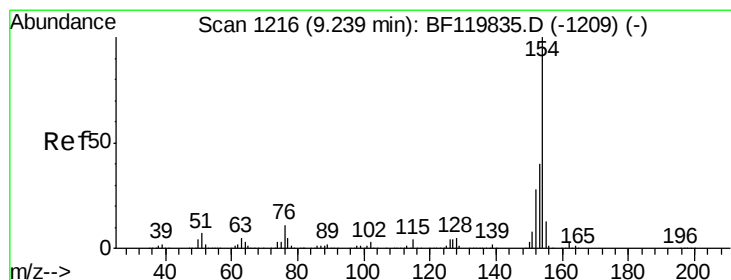
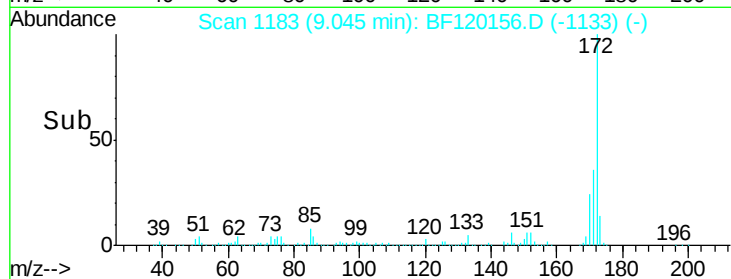
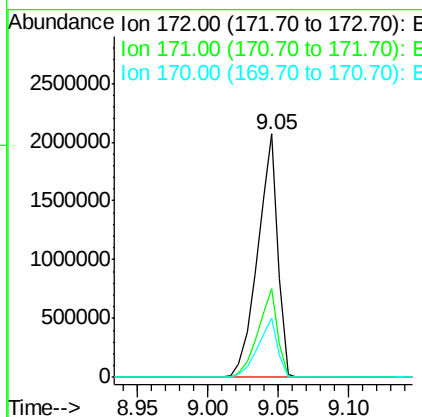
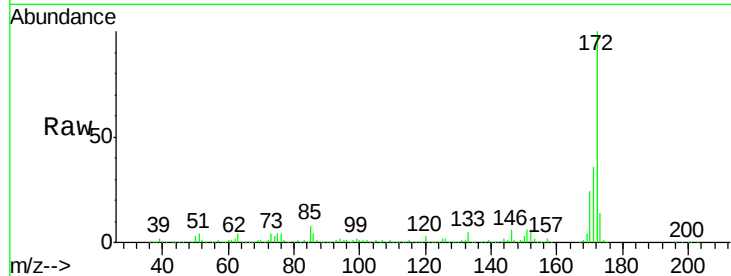
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion:172 Resp: 2070683

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	20.2	30.2

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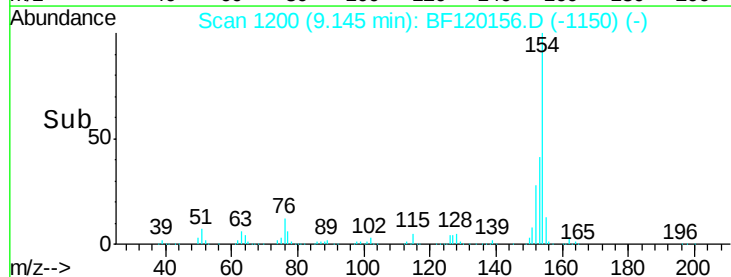
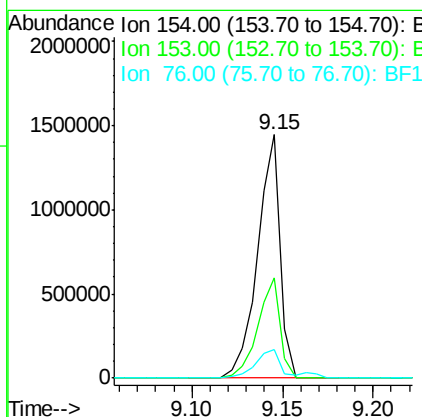
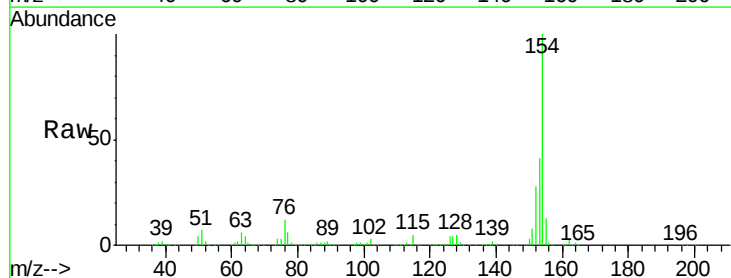
mohammad
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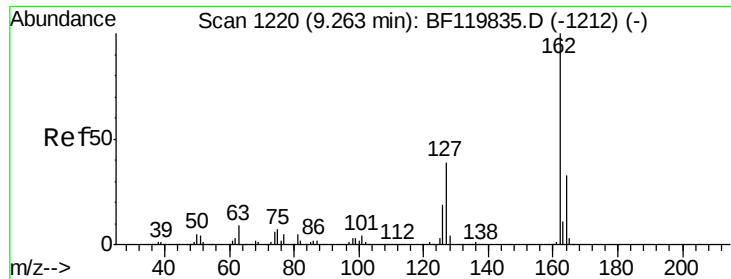


#46
 1,1'-Biphenyl
 Concen: 51.74 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion:154 Resp: 1251311

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	11.8	0.0	33.0





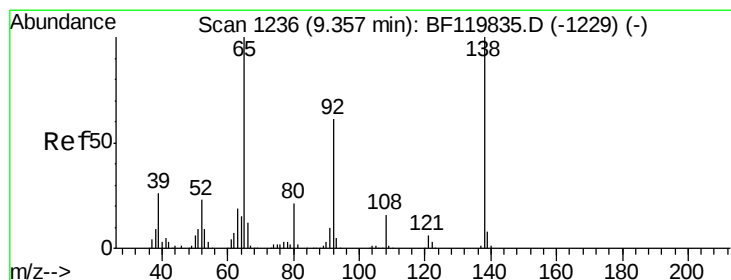
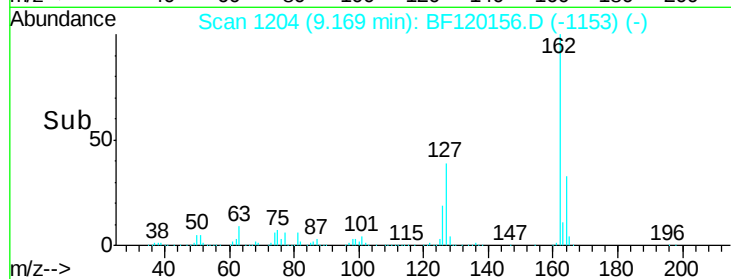
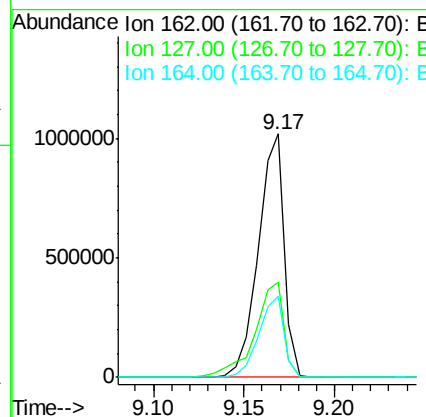
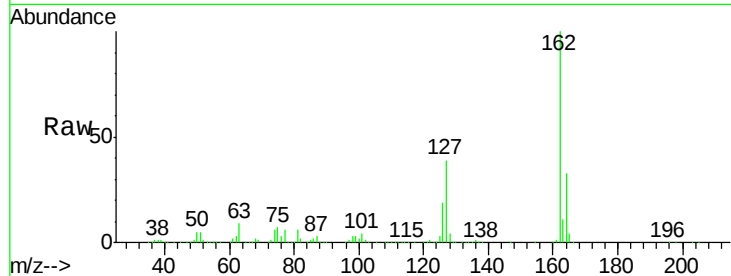
#47
 2-Chloronaphthalene
 Concen: 53.74 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.7	50.5
164	33.1	26.3	39.5

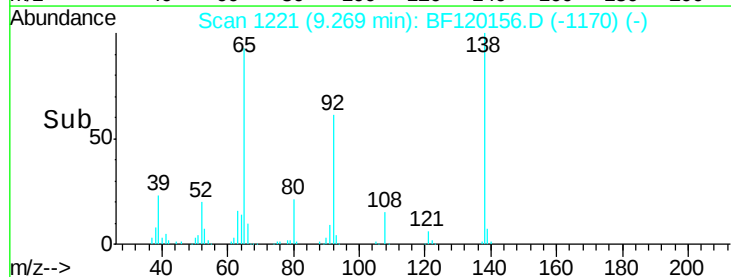
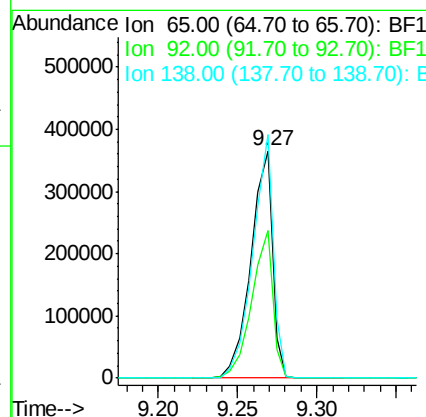
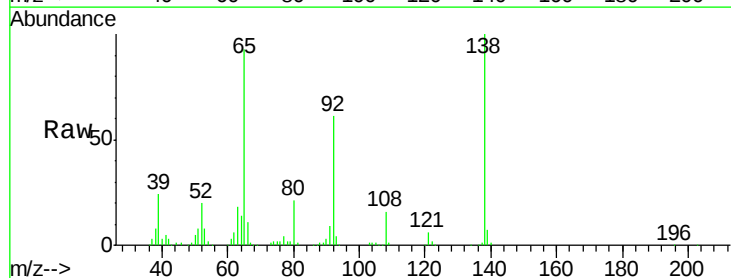
Manual Integrations
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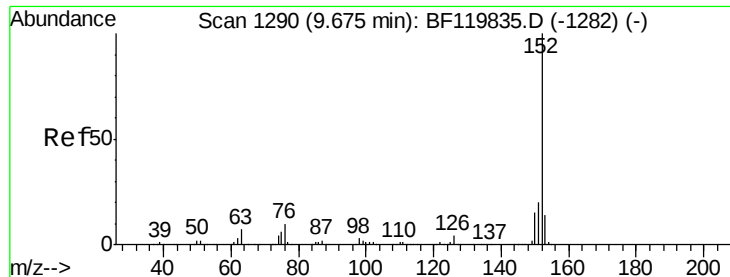
mohammad
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#48
 2-Nitroaniline
 Concen: 51.27 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	50.0	75.0
138	107.0	75.0	112.4





#49

Acenaphthylene

Concen: 53.96 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

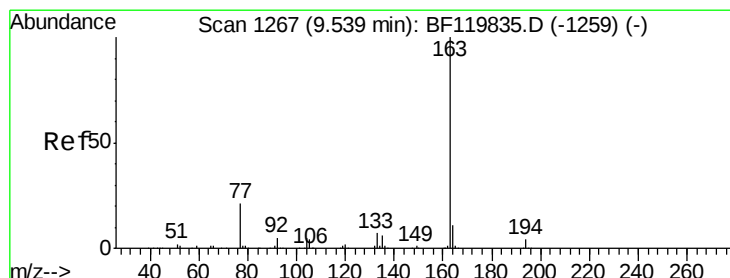
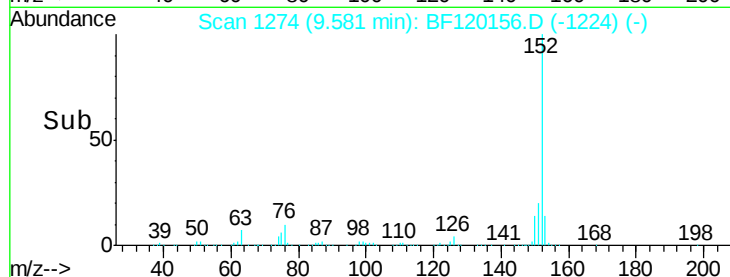
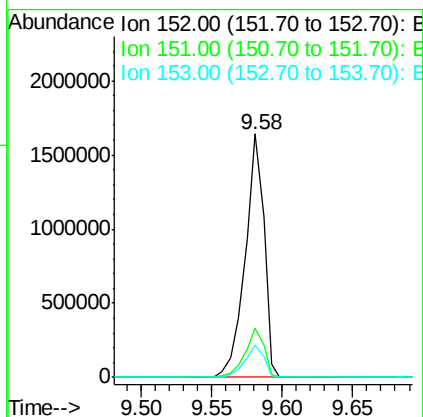
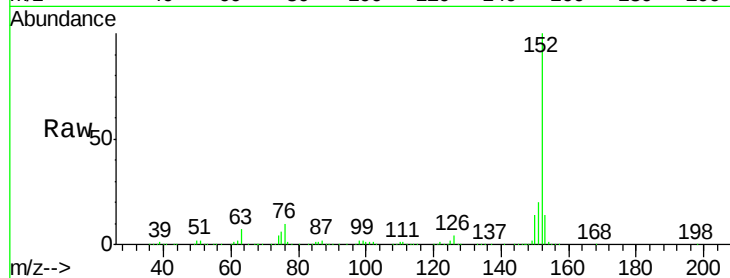
ClientSampleId :

TR-05-042020MSD

Tgt Ion:	152	Resp:	1528855
Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.5	11.2	16.8

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#50

Dimethylphthalate

Concen: 56.56 ng

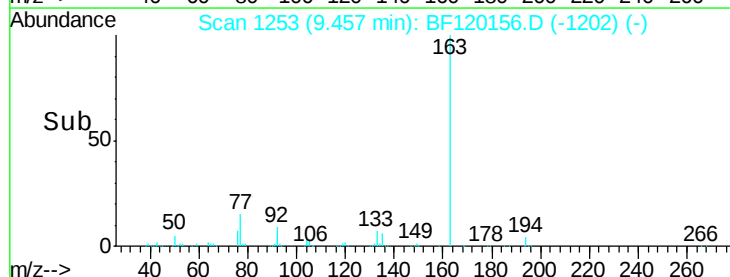
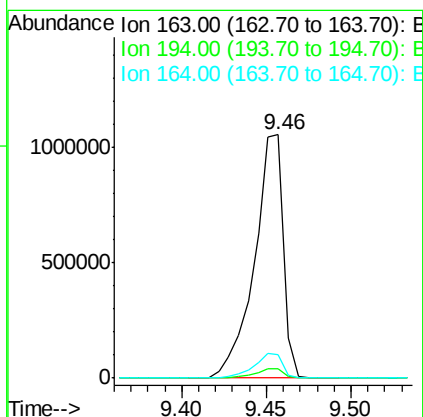
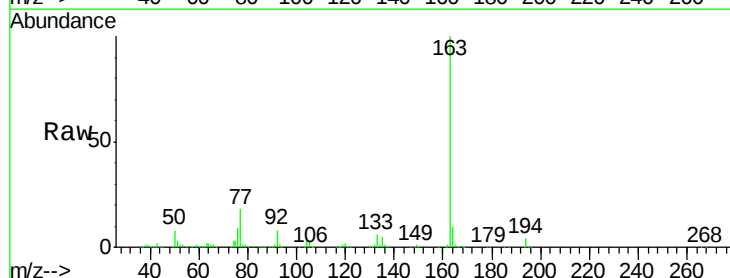
RT: 9.46 min Scan# 1253

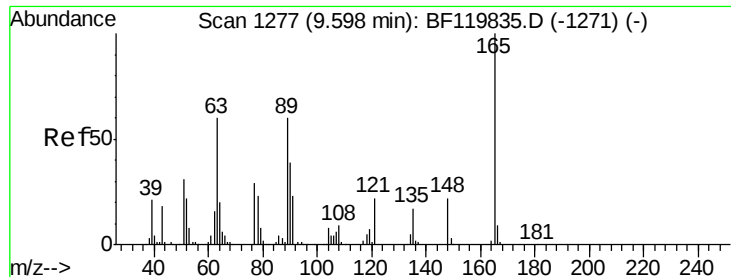
Delta R.T. 0.00 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion:	163	Resp:	1253446
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.7	8.2	12.2





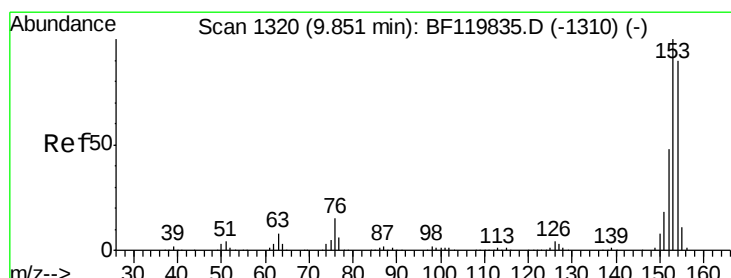
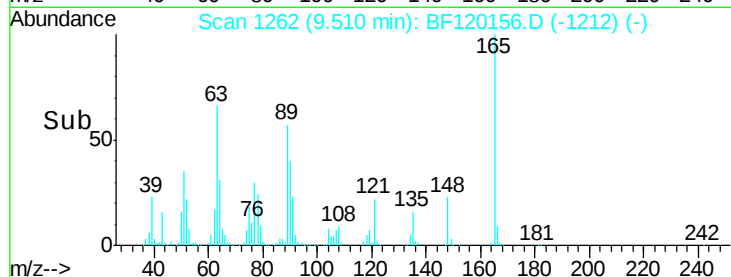
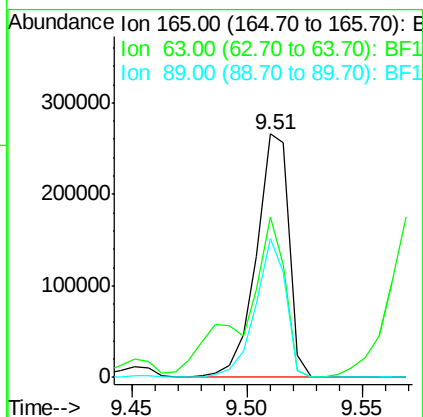
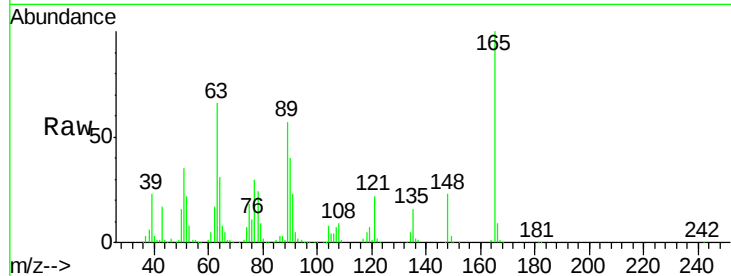
#51
 2,6-Dinitrotoluene
 Concen: 54.24 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	66.1	45.0	67.4
89	56.7	41.5	62.3

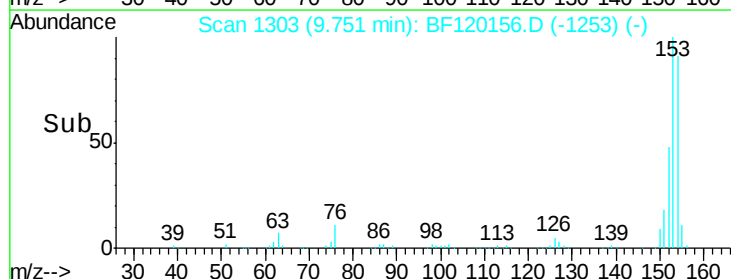
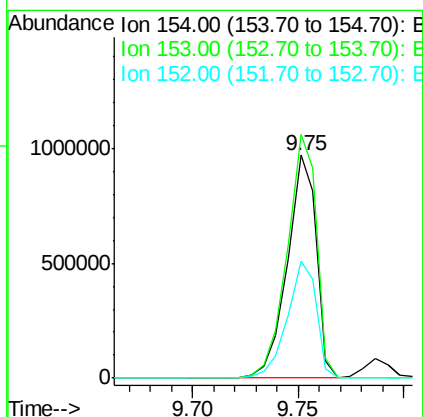
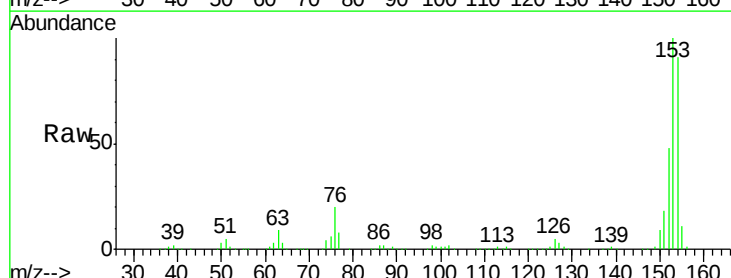
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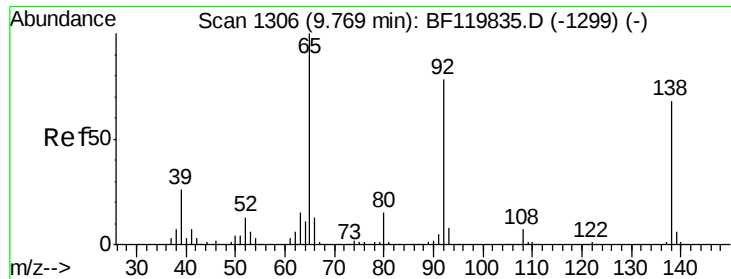
mohammad
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#52
 Acenaphthene
 Concen: 49.30 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	109.4	88.1	132.1
152	52.5	43.0	64.4





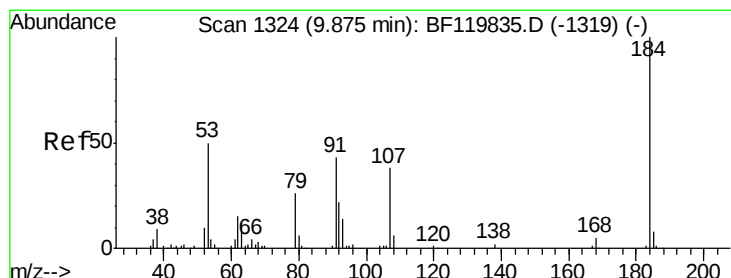
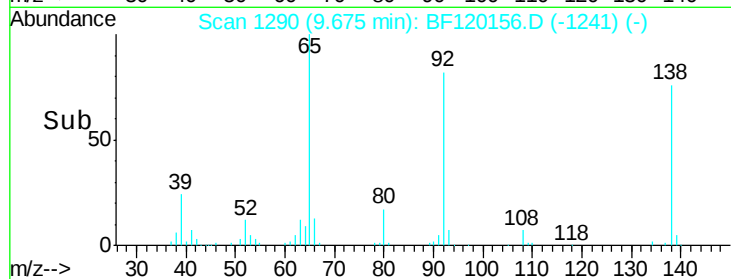
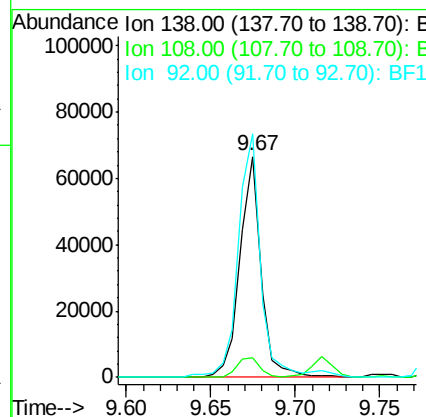
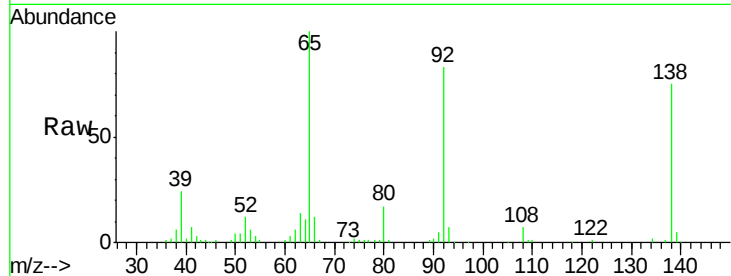
#53
 3-Nitroaniline
 Concen: 10.48 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.6	13.0
92	110.4	95.4	143.0

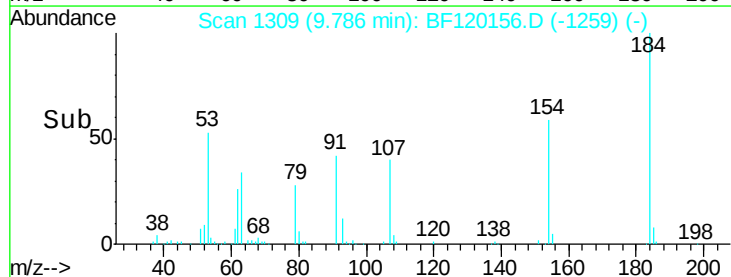
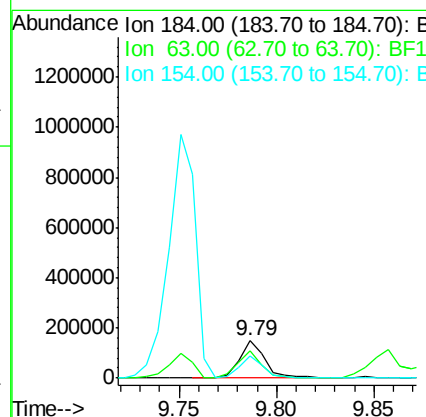
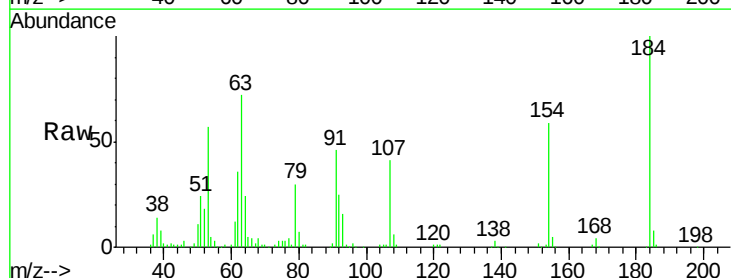
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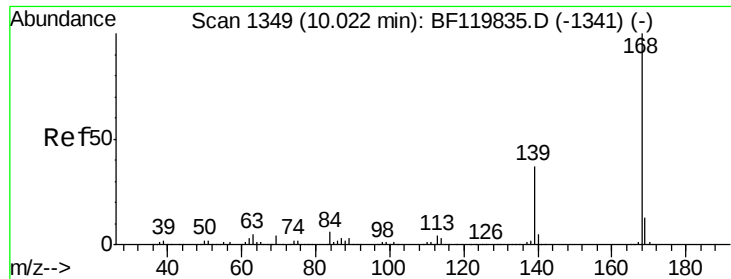
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 46.57 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.4	50.2	75.4
154	59.1	44.5	66.7





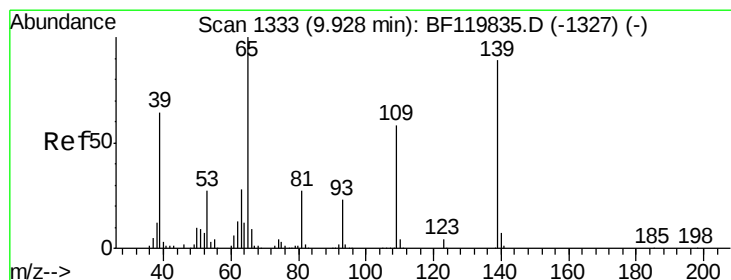
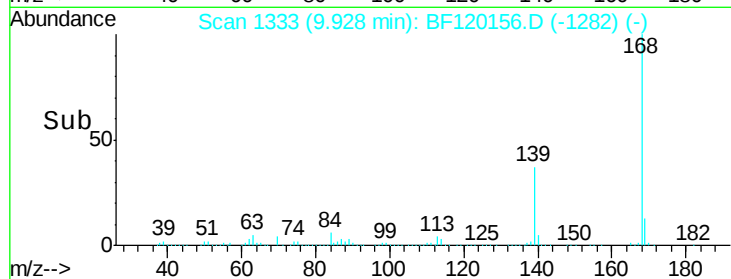
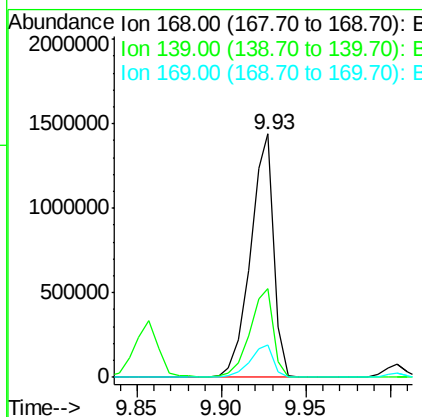
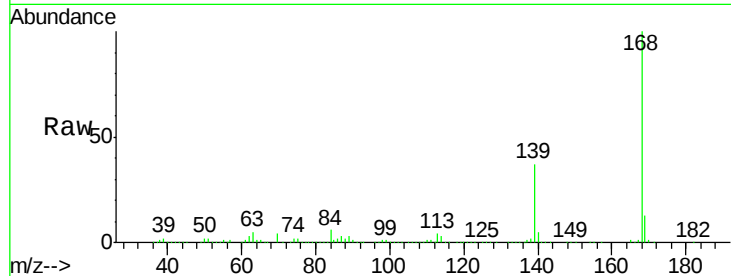
#55
Dibenzofuran
Concen: 53.02 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion:168 Resp: 1375247
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.3 11.0 16.6

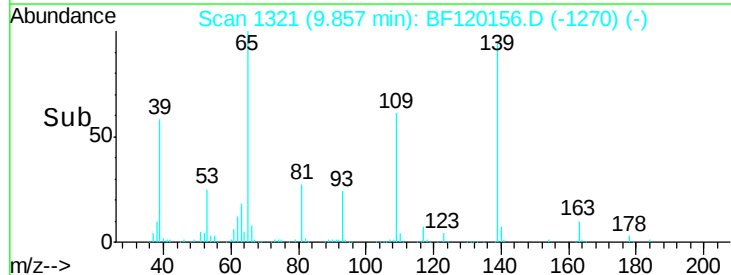
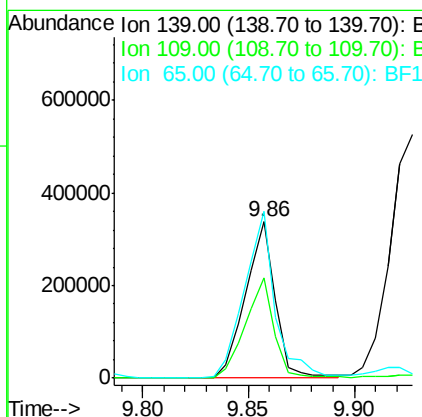
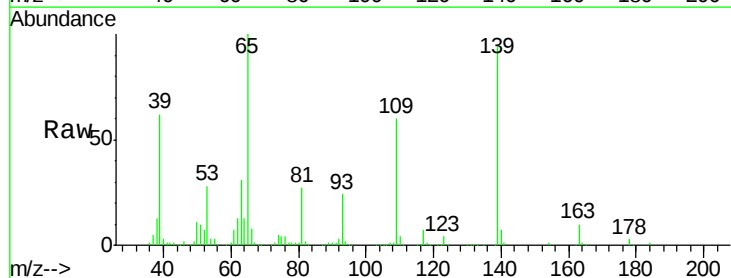
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#56
4-Nitrophenol
Concen: 79.91 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion:139 Resp: 329584
Ion Ratio Lower Upper
139 100
109 64.2 43.3 83.3
65 106.6 91.0 131.0





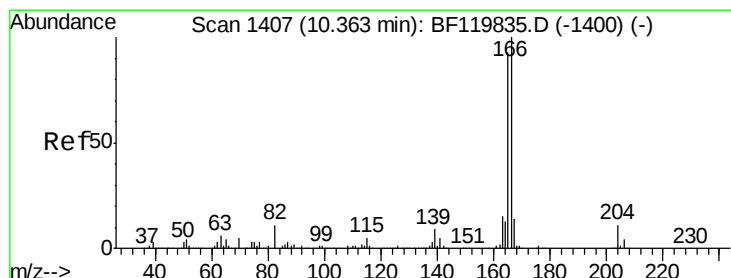
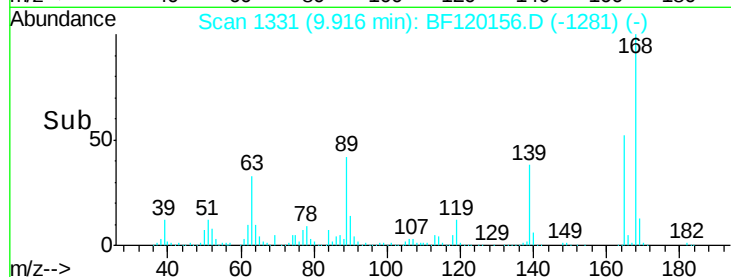
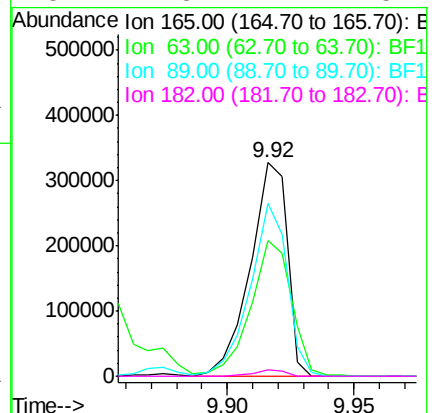
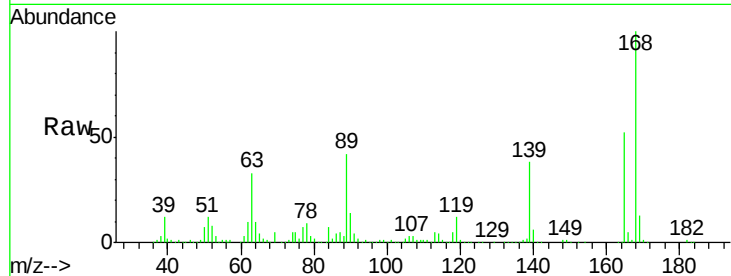
#57
2,4-Dinitrotoluene
Concen: 52.37 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	334895		
63	63.5	42.6	64.0	
89	80.7	61.0	91.4	
182	2.8	2.2	3.2	

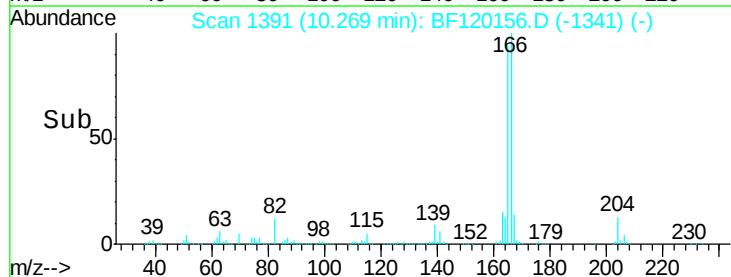
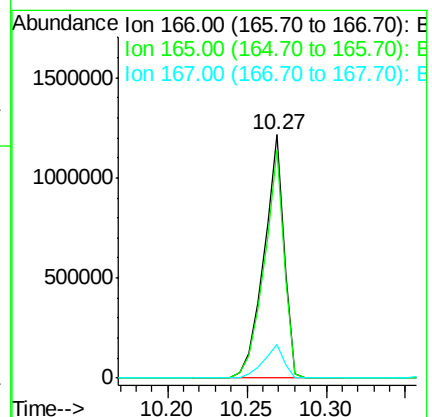
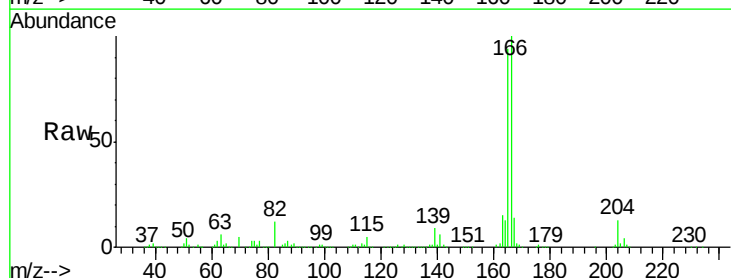
Manual Integrations
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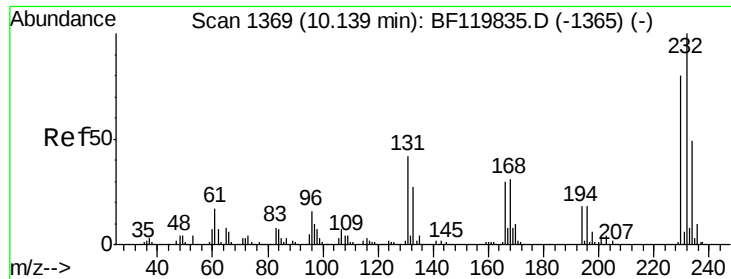
mohammad
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#58
Fluorene
Concen: 52.18 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1082356		
165	93.9	75.4	113.2	
167	13.8	11.2	16.8	





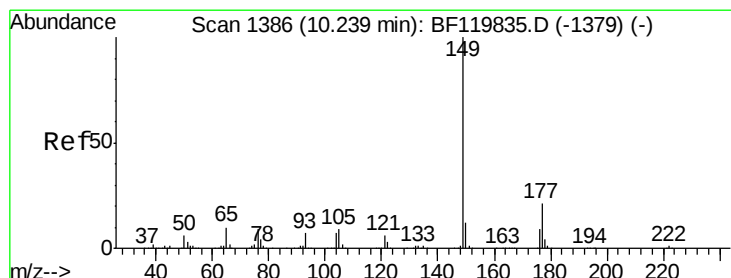
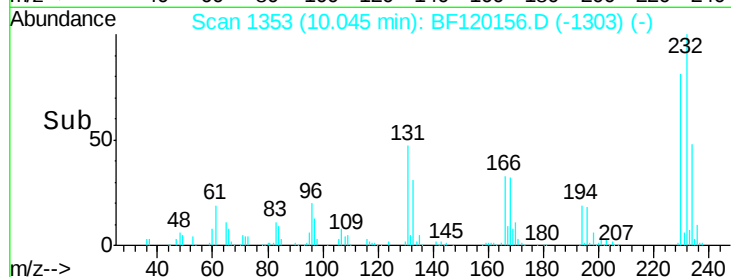
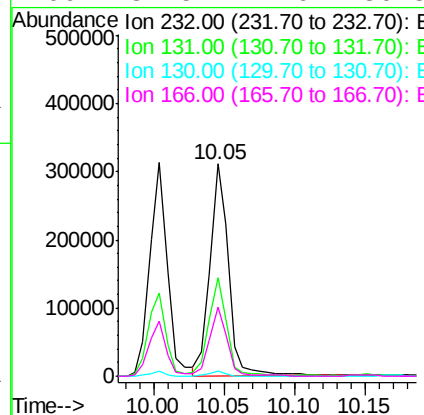
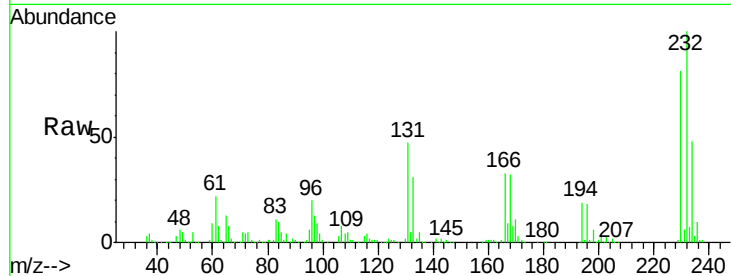
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.47 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion:	232	Resp:	282446
Ion Ratio	Lower	Upper	
232	100		
131	46.5	37.5	56.3
130	2.2	1.8	2.6
166	31.5	24.6	36.8

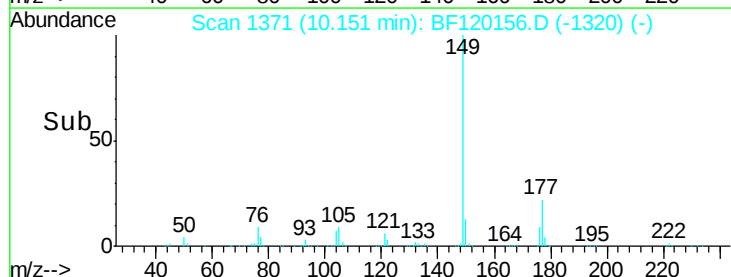
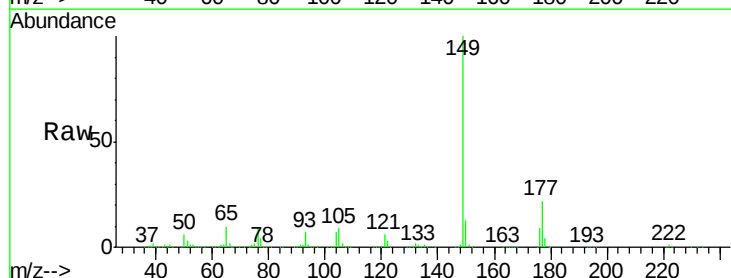
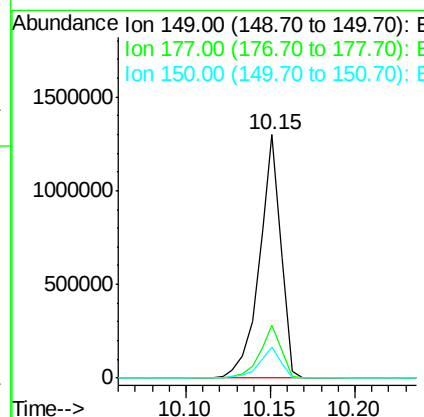
Manual Integrations
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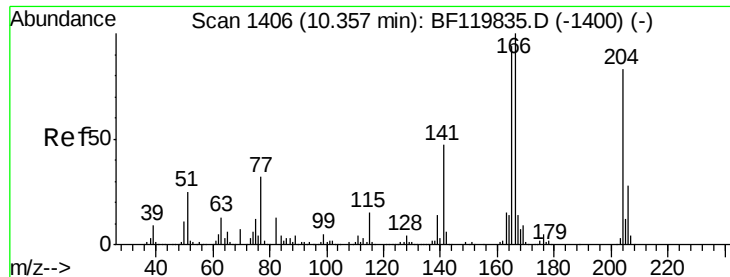
mohammad
 4/24/2020 4:18:16 AM



#60
 Diethylphthalate
 Concen: 49.91 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion:	149	Resp:	1146429
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.0	25.6
150	13.0	10.1	15.1





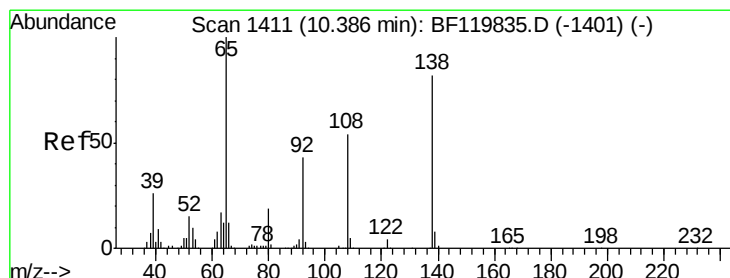
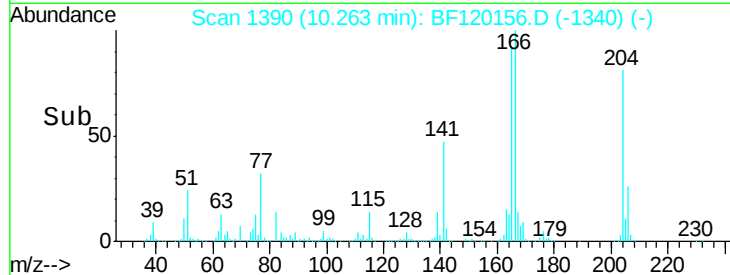
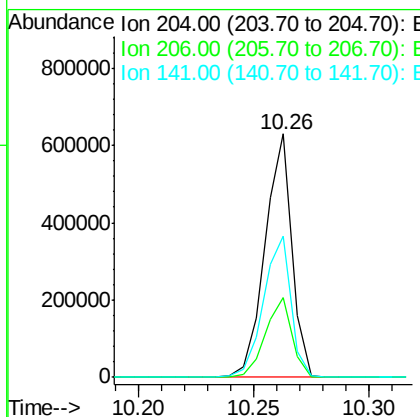
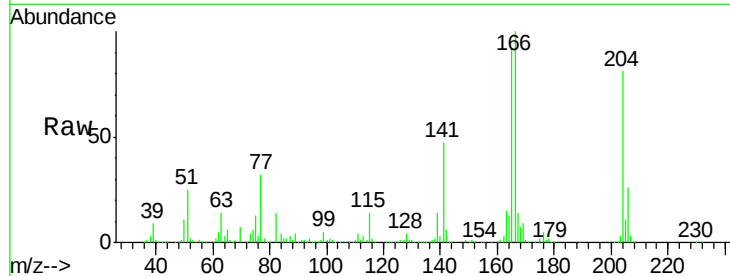
#61
4-Chlorophenyl-phenylether
Concen: 47.84 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	57.8	47.3	70.9

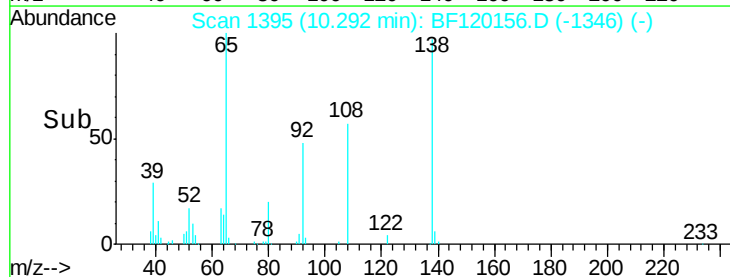
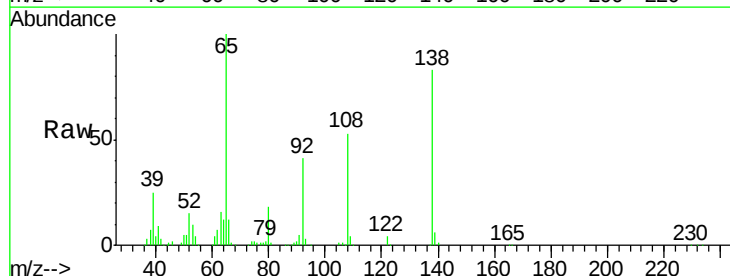
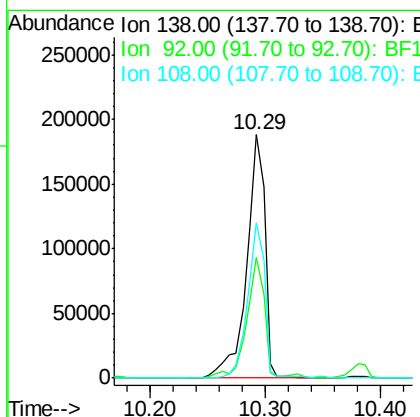
Manual Integrations
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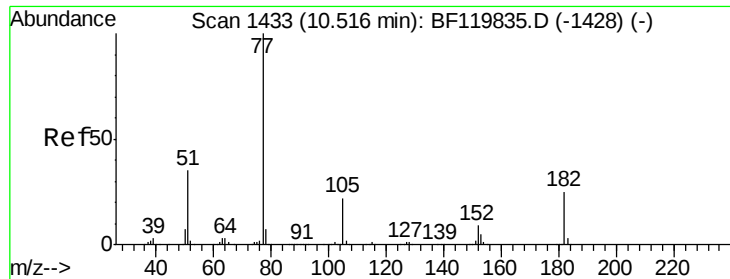
mohammad
4/24/2020 4:18:16 AM



#62
4-Nitroaniline
Concen: 39.04 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.5	71.5
108	64.0	45.8	85.8





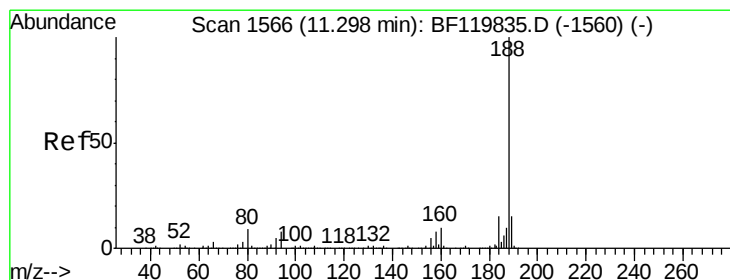
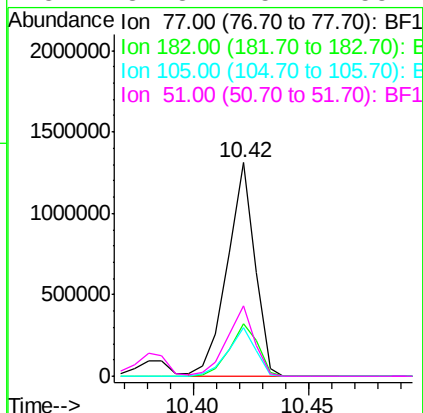
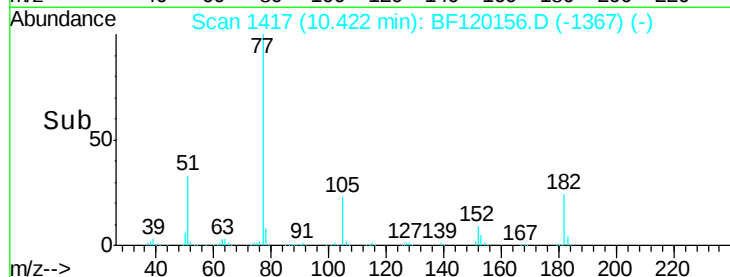
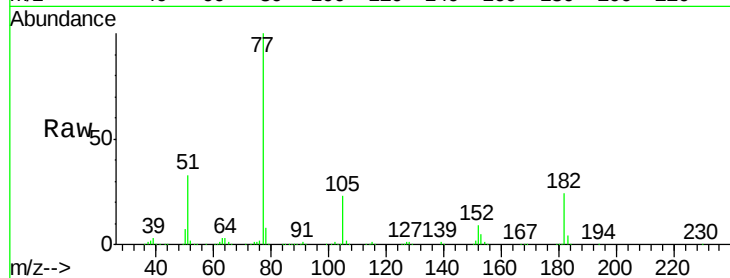
#63
Azobenzene
Concen: 52.82 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.4	44.4
105	22.8	2.6	42.6
51	32.8	15.1	55.1

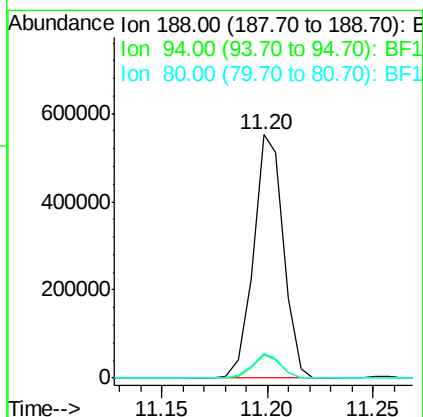
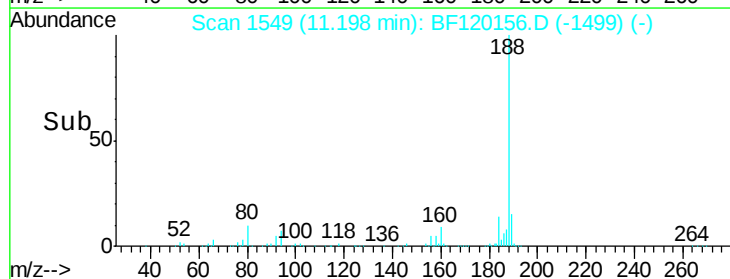
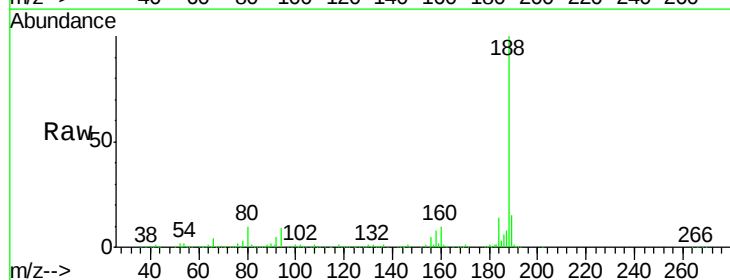
Manual Integrations
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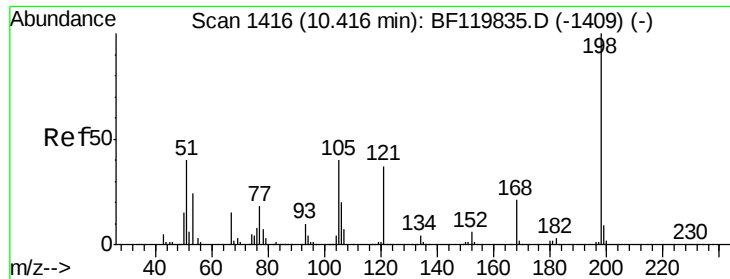
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.0	9.0	13.4





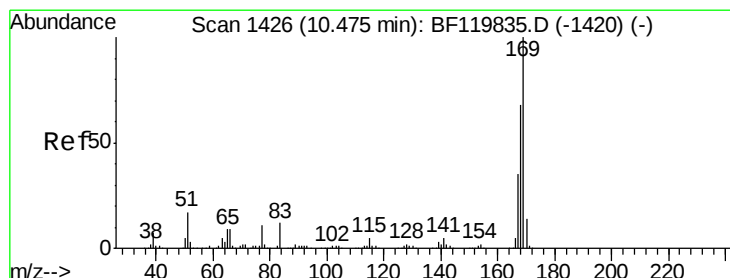
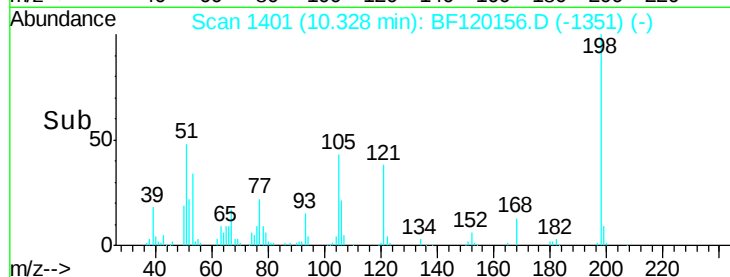
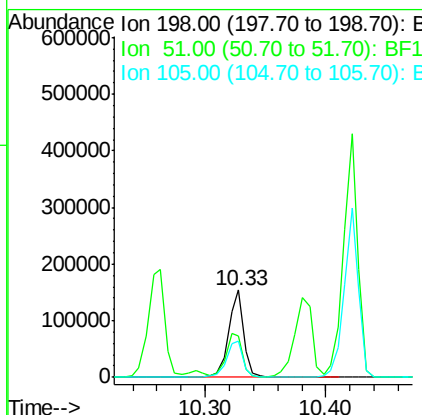
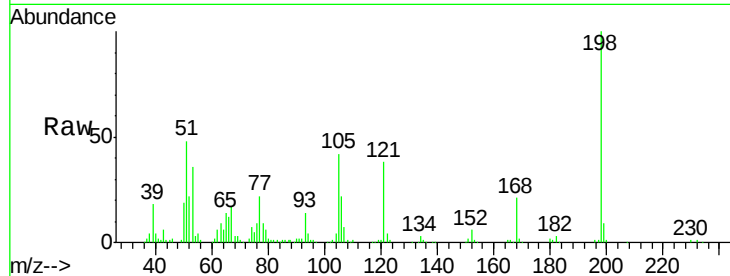
#65
4,6-Dinitro-2-methylphenol
Concen: 37.24 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.6	29.0	69.0
105	42.1	22.2	62.2

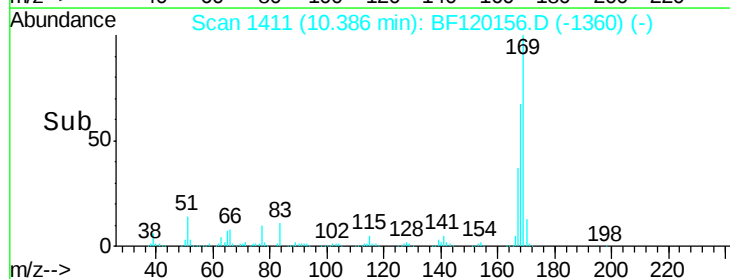
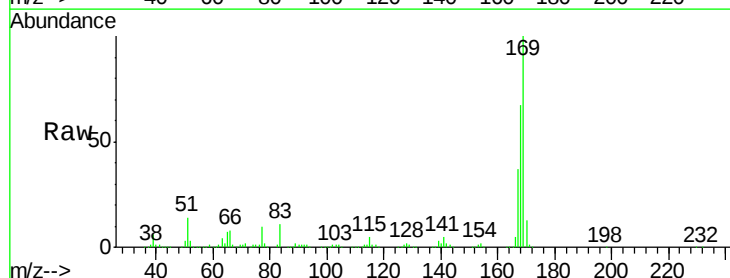
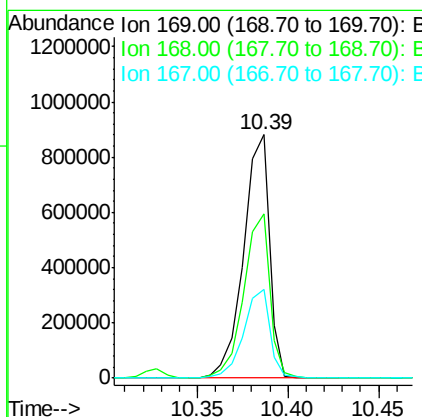
Manual Integrations
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#66
n-Nitrosodiphenylamine
Concen: 48.41 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.7	29.1	43.7





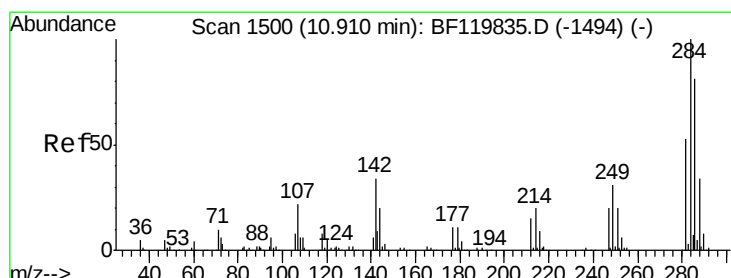
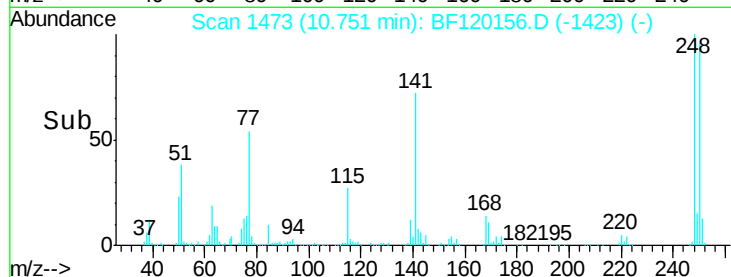
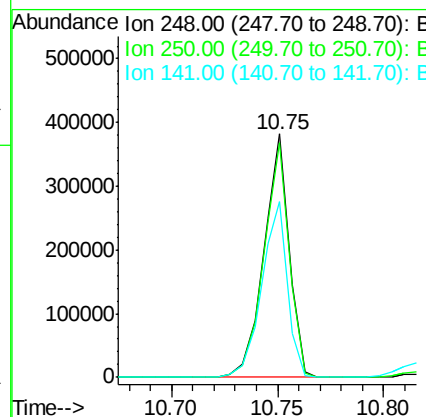
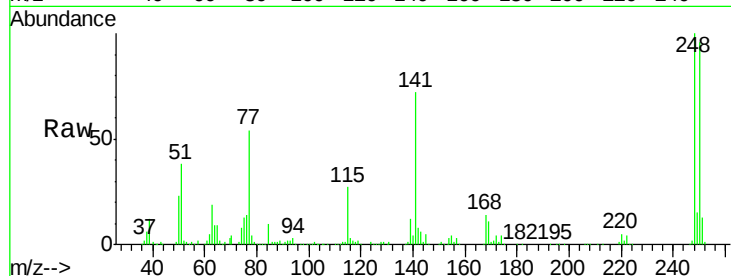
#67
 4-Bromophenyl-phenylether
 Concen: 46.97 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.3	115.9
141	72.2	58.6	87.8

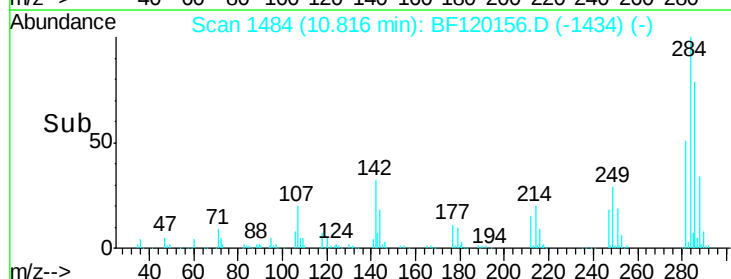
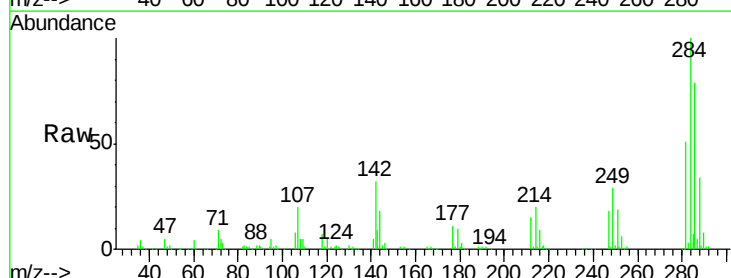
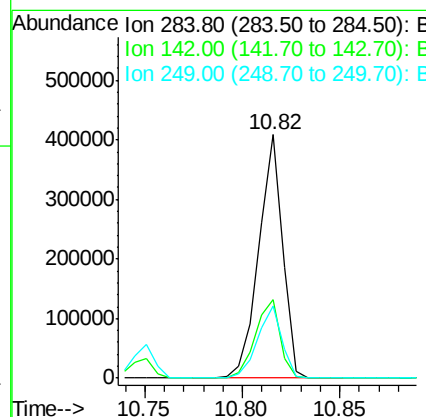
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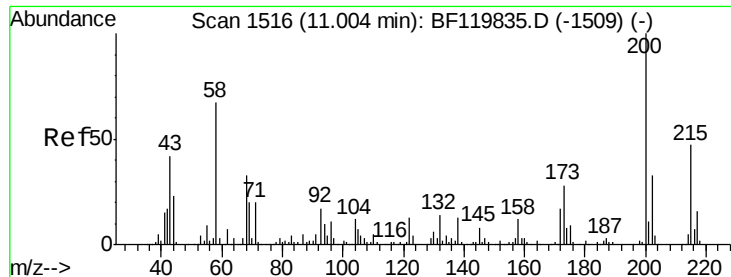
mohammad
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#68
 Hexachlorobenzene
 Concen: 50.44 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	29.2	43.8
249	29.4	25.1	37.7





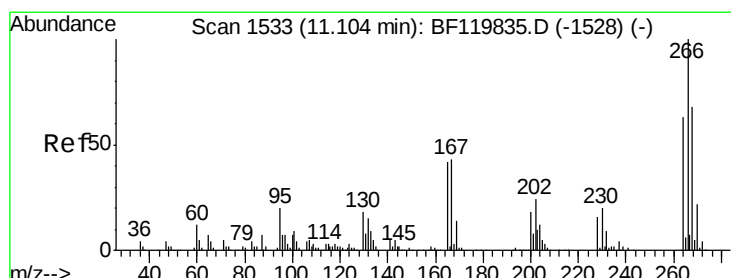
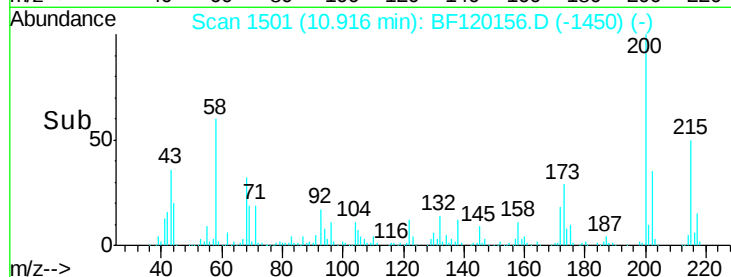
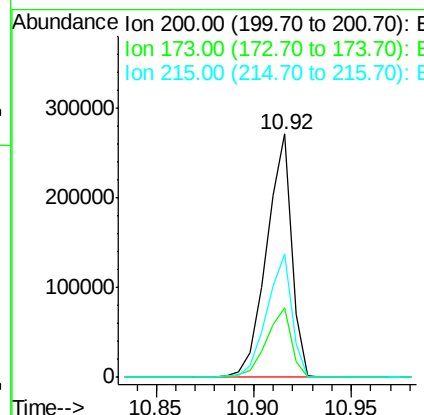
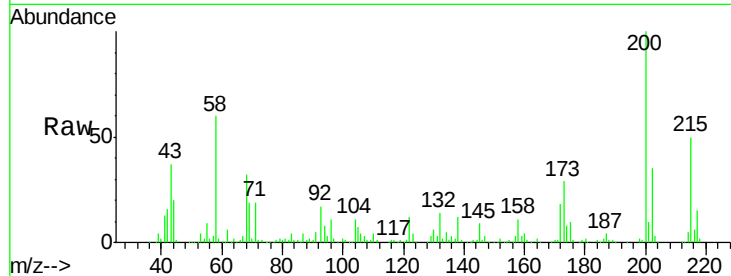
#69
 Atrazine
 Concen: 47.87 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241114		
173	28.7	9.3	49.3	
215	50.4	29.5	69.5	

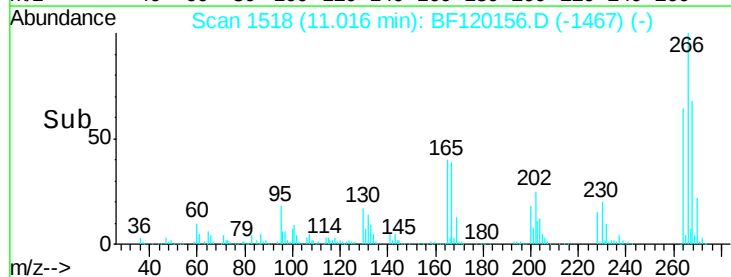
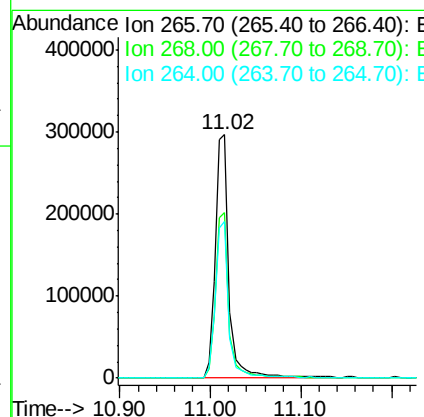
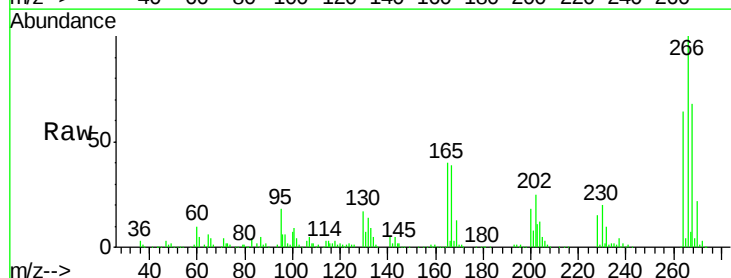
Manual Integrations
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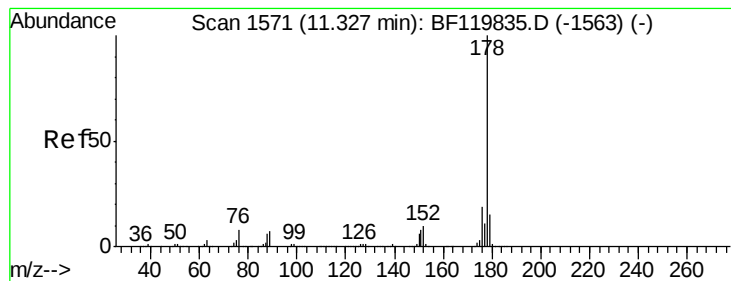
mohammad
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#70
 Pentachlorophenol
 Concen: 80.70 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	319329		
268	67.8	53.3	79.9	
264	64.3	49.0	73.4	





#71

Phenanthrene

Concen: 53.81 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MSD

Tgt Ion:178 Resp: 1558835

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

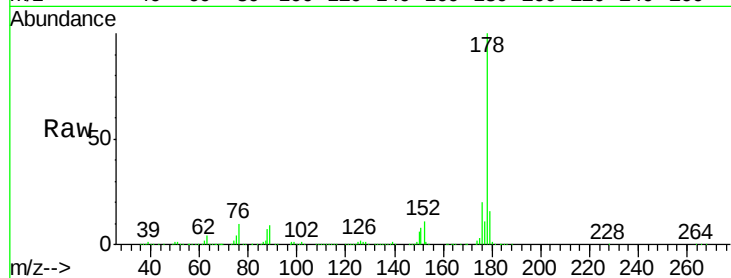
179 15.7 13.2 19.8

Manual Integrations

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mohammad

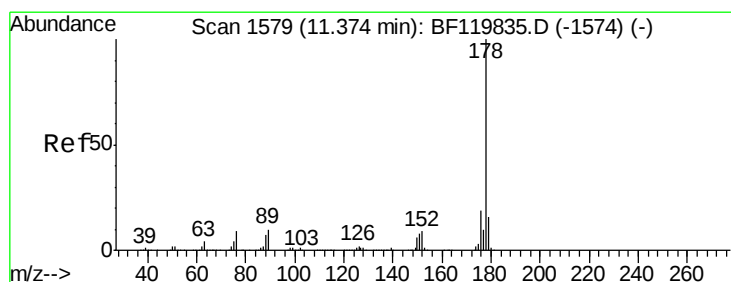
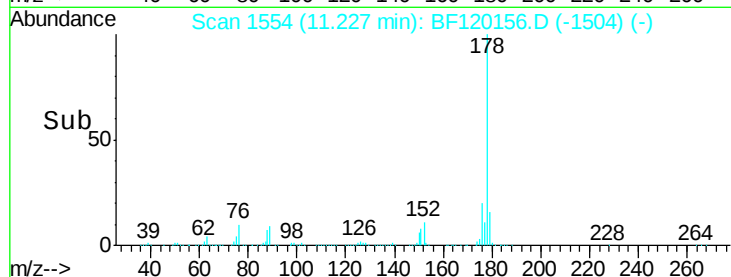
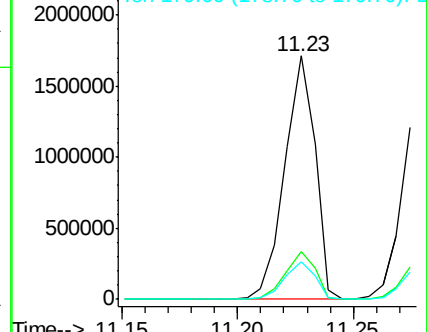
4/24/2020 4:18:16 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.31 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

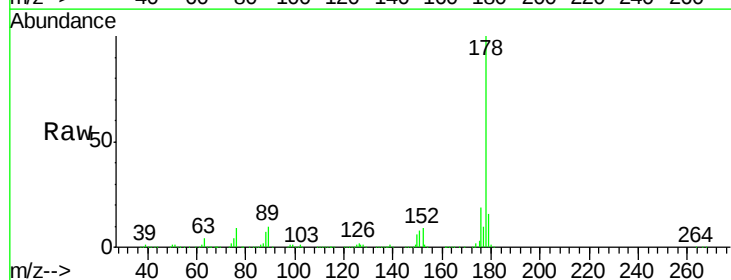
Tgt Ion:178 Resp: 1607148

Ion Ratio Lower Upper

178 100

176 19.0 16.1 24.1

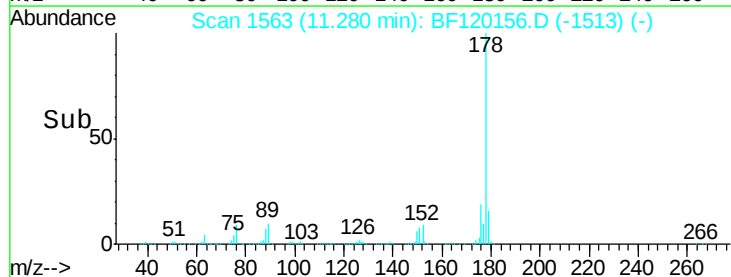
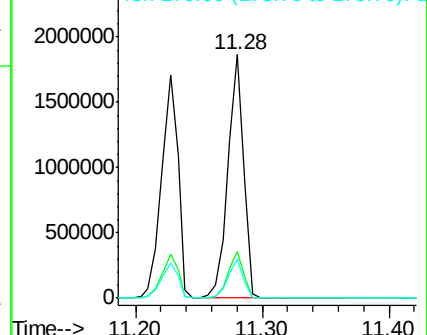
179 15.8 13.0 19.4

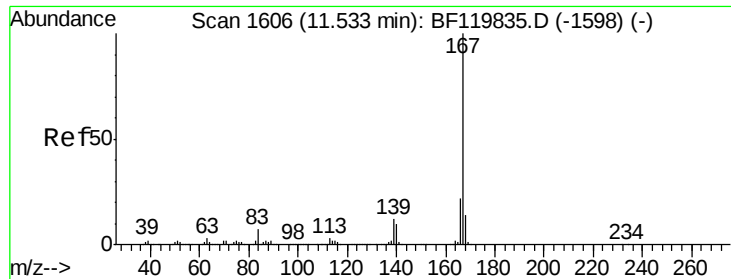


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





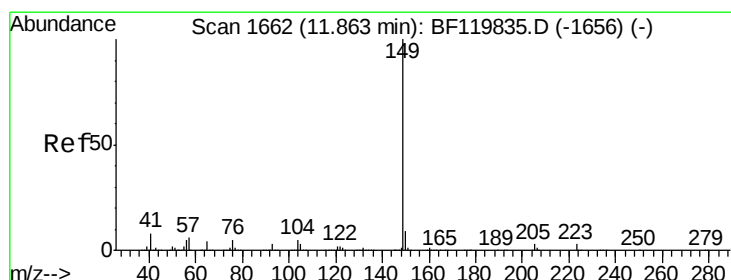
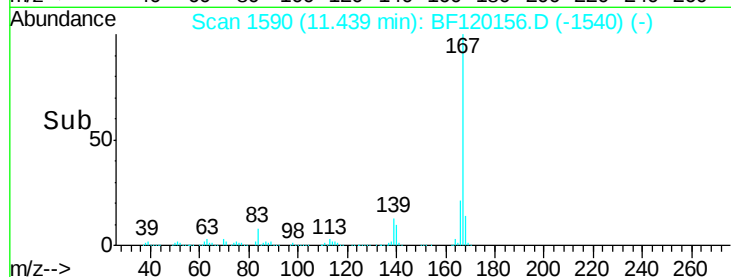
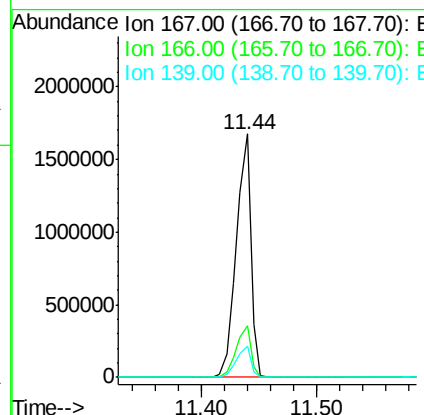
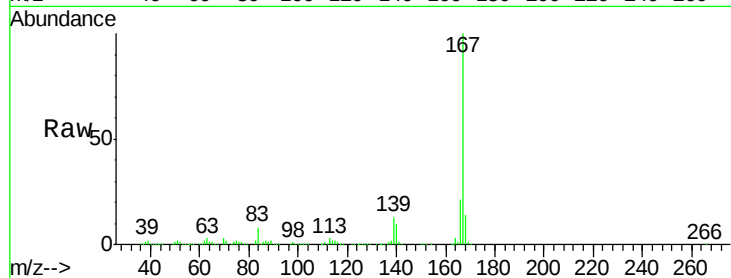
#73
 Carbazole
 Concen: 52.69 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion:167 Resp: 1474592
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.4
 139 12.6 10.7 16.1

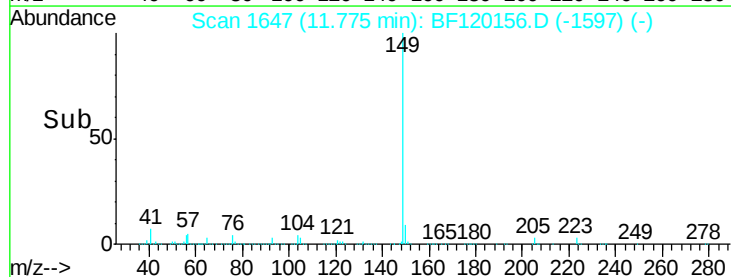
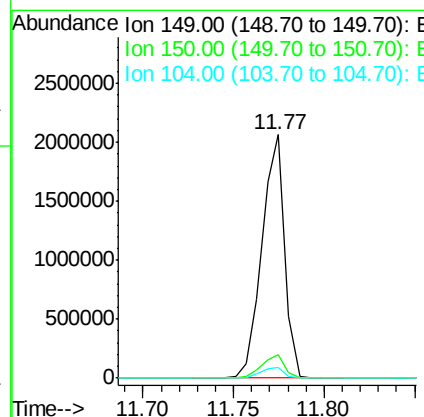
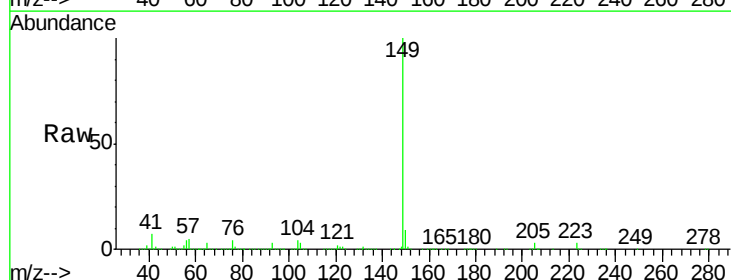
Manual Integrations
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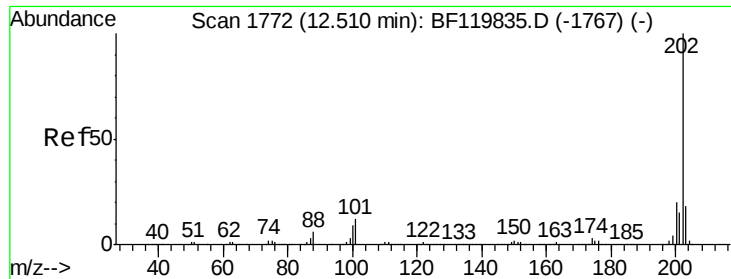
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.87 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion:149 Resp: 1797929
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.2 3.6 5.4





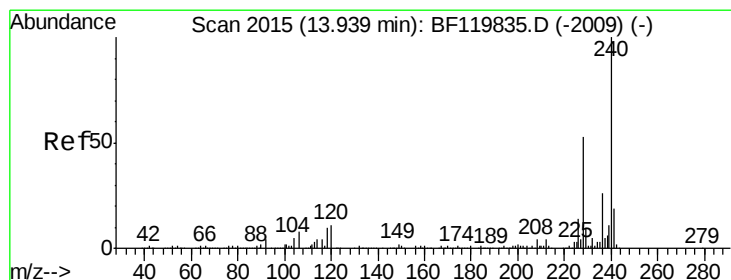
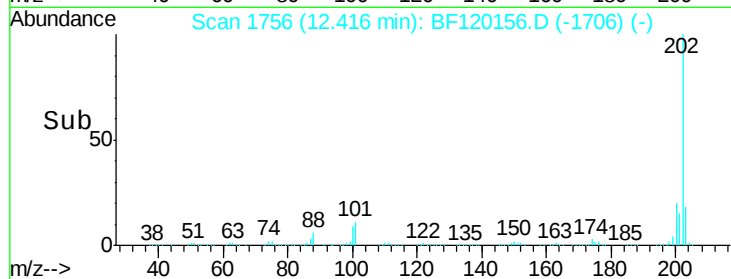
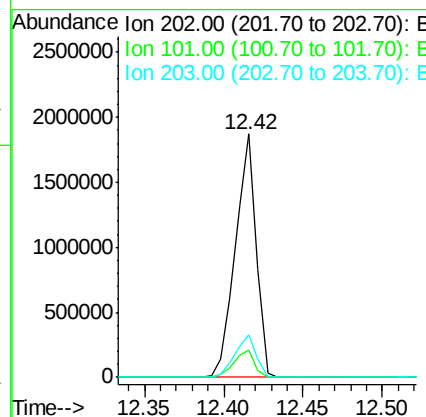
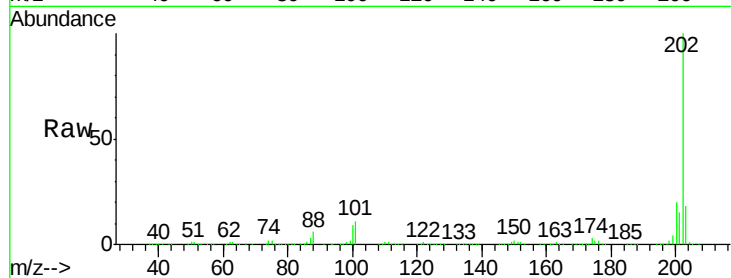
#75
 Fluoranthene
 Concen: 54.43 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1701358		
101	11.4	0.0	32.2	
203	17.6	0.0	38.8	

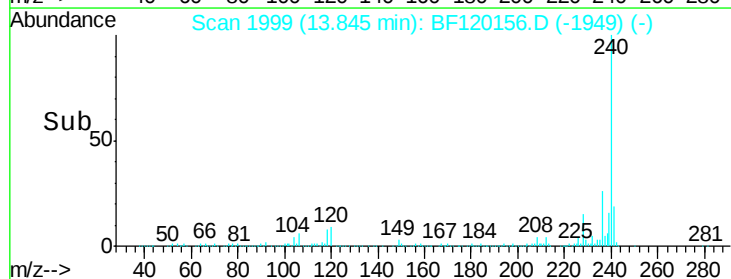
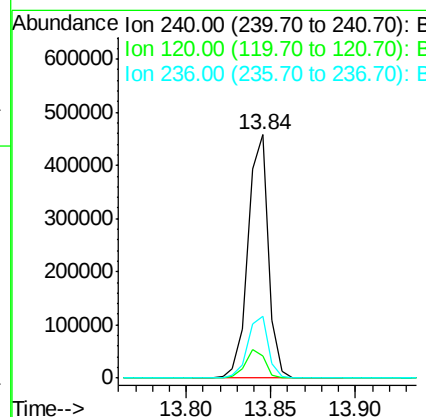
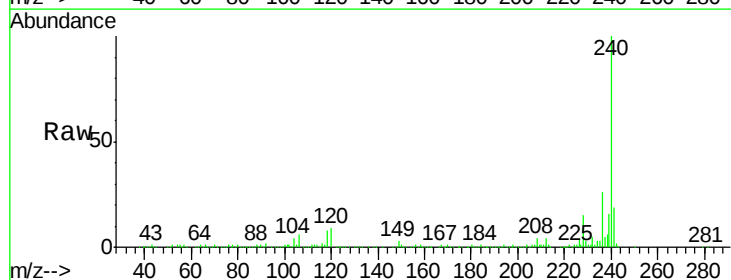
Manual Integrations
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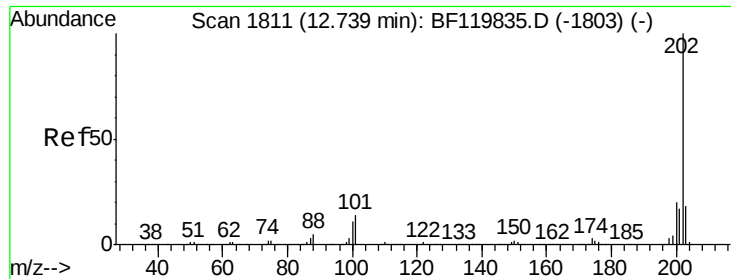
mohammad
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#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	384668		
120	9.1	10.6	15.8#	
236	25.6	20.2	30.2	





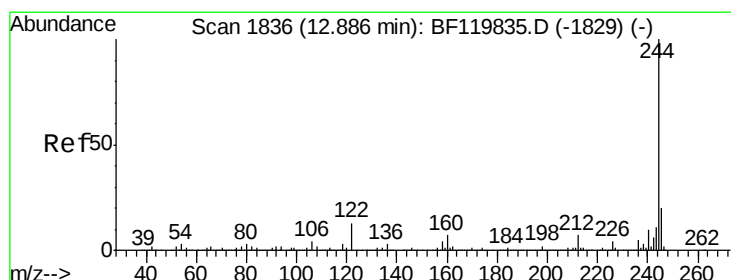
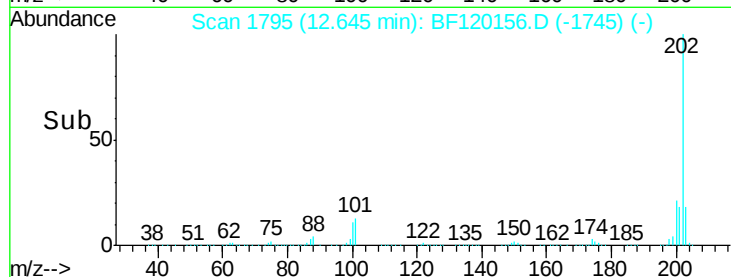
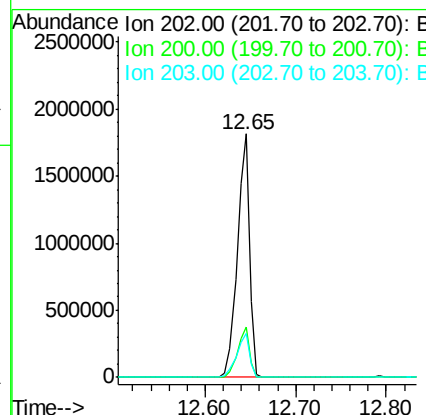
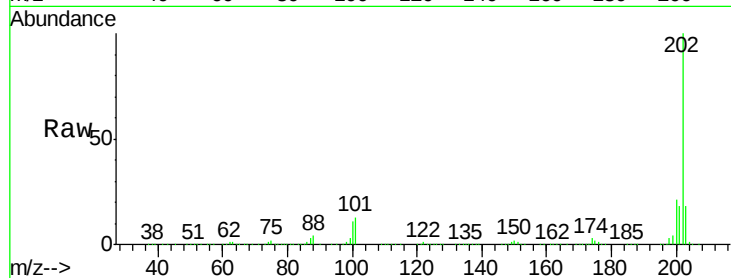
#78
 Pyrene
 Concen: 52.67 ng
 RT: 12.65 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.0	15.1	22.7

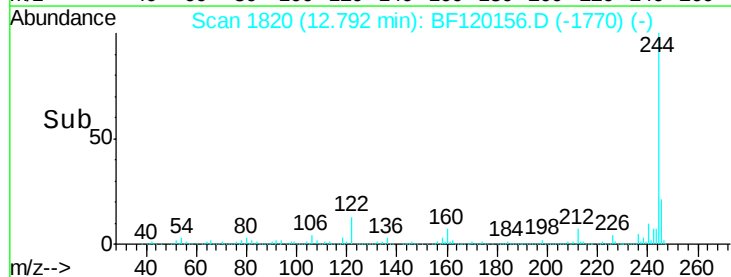
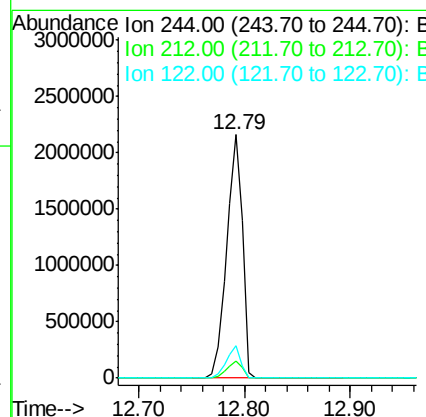
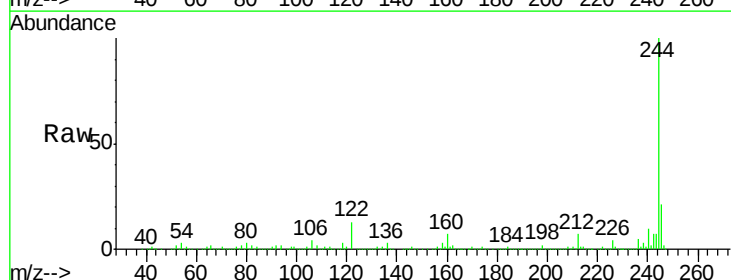
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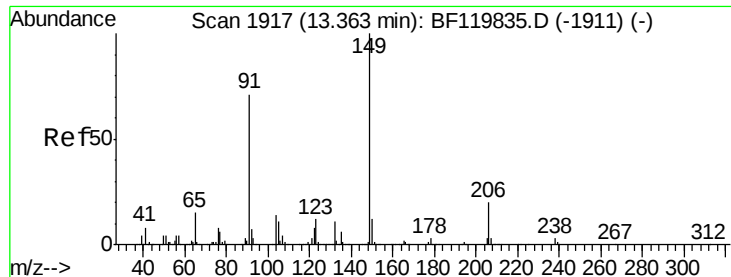
mohammad
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#79
 Terphenyl-d14
 Concen: 98.29 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.4	10.3	15.5





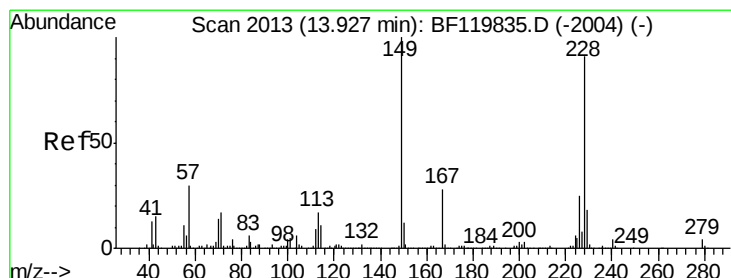
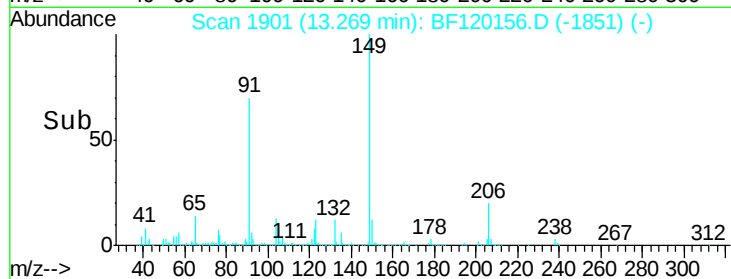
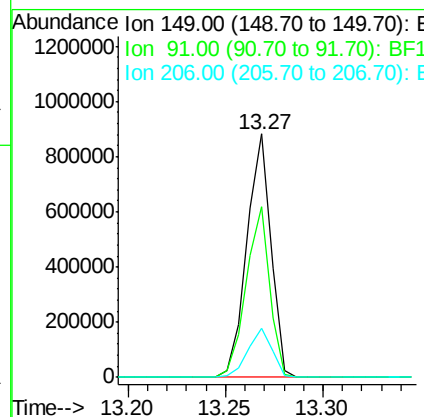
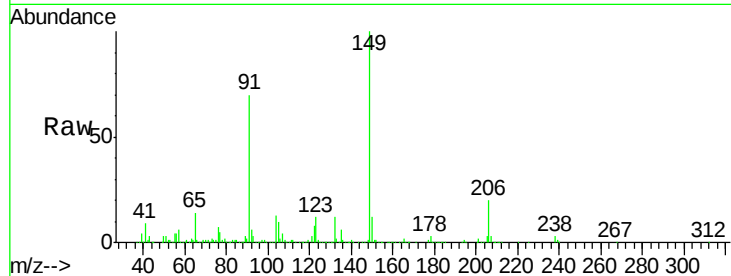
#80
Butylbenzylphthalate
Concen: 48.05 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	54.7	82.1
206	20.0	16.2	24.2

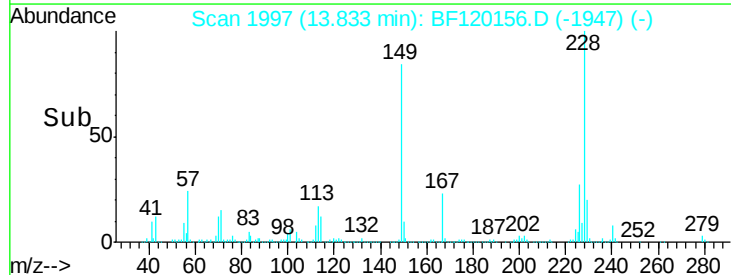
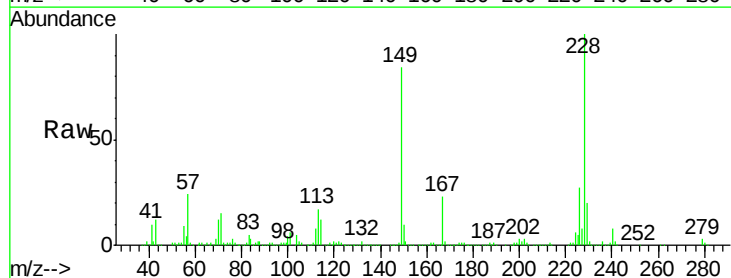
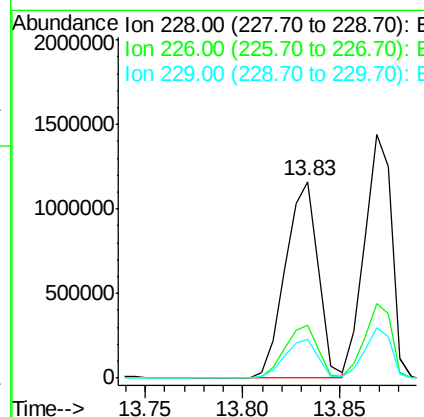
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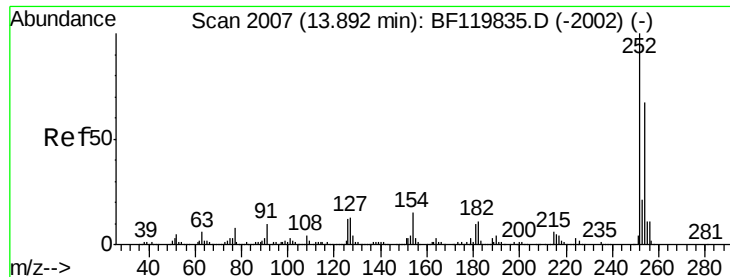
mohammad
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#81
Benzo(a)anthracene
Concen: 53.15 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.6	16.2	24.4





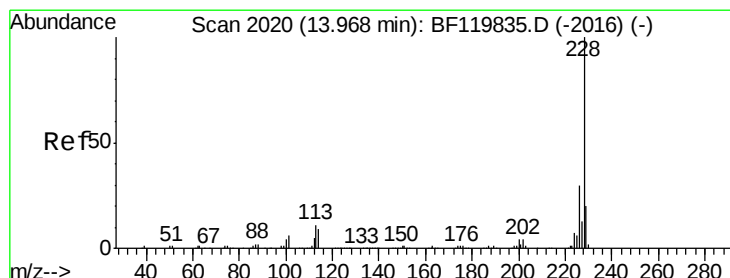
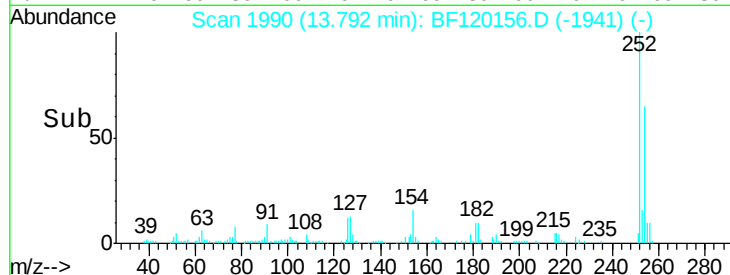
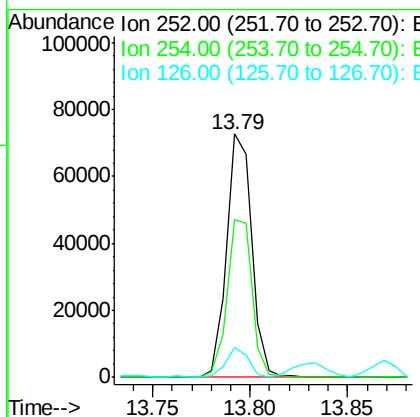
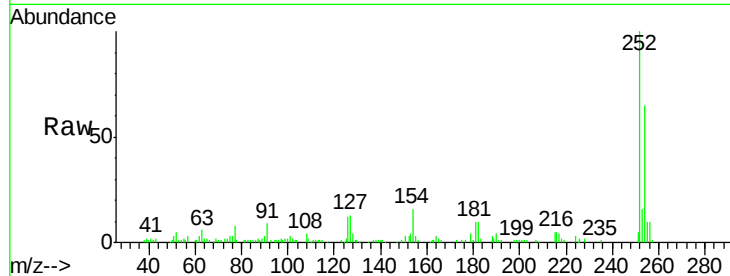
#82
 3,3'-Dichlorobenzidine
 Concen: 6.89 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	65033		
254	65.0		51.2	76.8
126	12.3		9.6	14.4

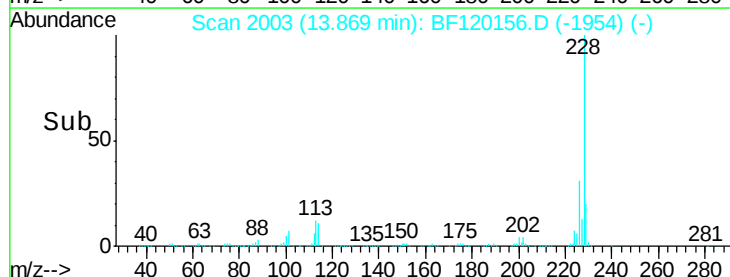
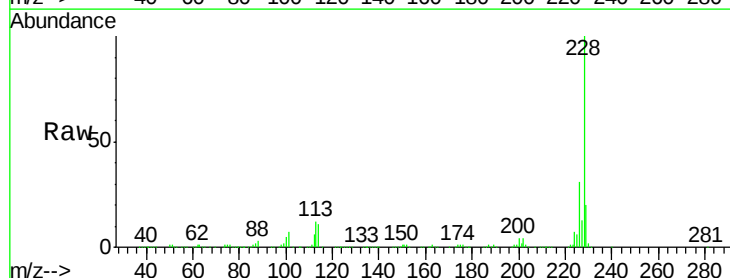
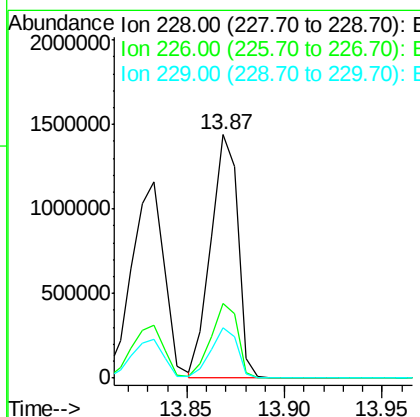
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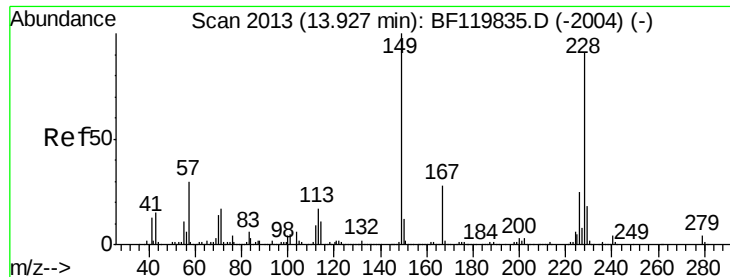
mohammad
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#83
 Chrysene
 Concen: 53.80 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1383314		
226	30.6		25.4	38.0
229	20.5		16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.18 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

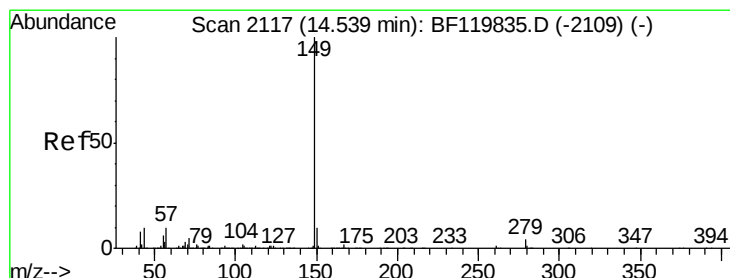
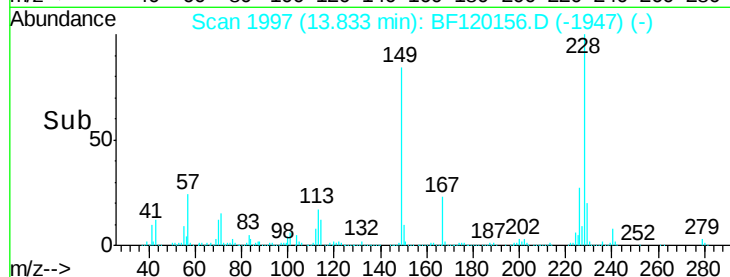
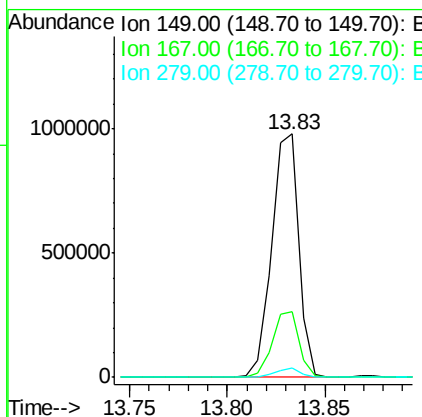
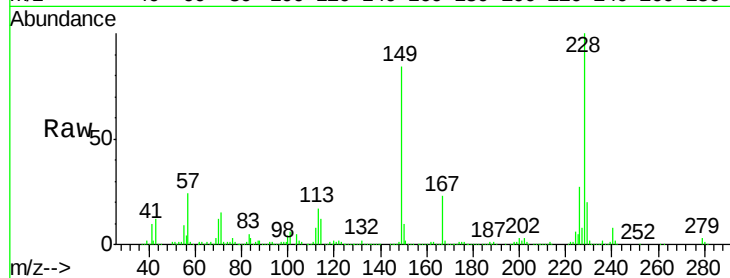
ClientSampleId :

TR-05-042020MSD

Tgt Ion:	149	Resp:	941417
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.8	2.7	4.1

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#85

Di-n-octyl phthalate

Concen: 45.31 ng

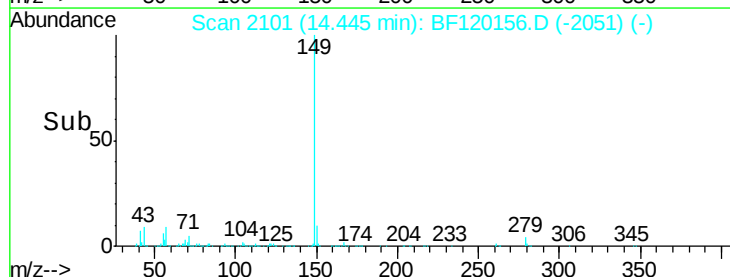
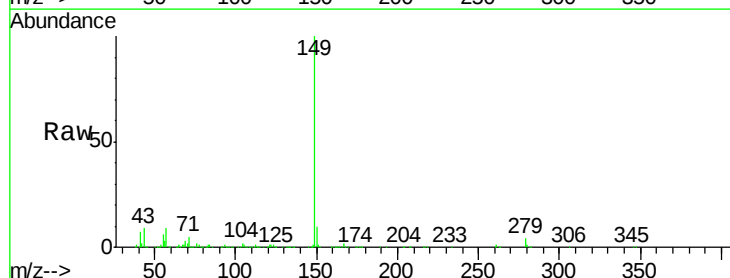
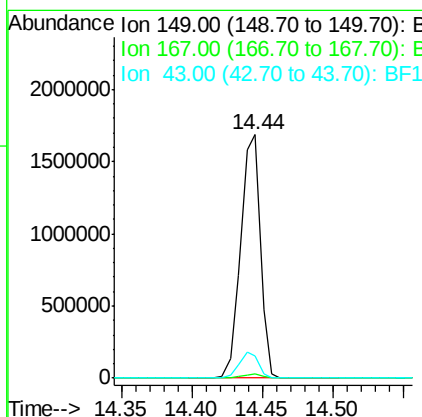
RT: 14.44 min Scan# 2101

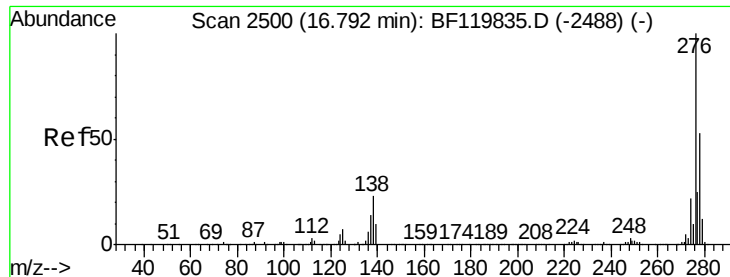
Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Tgt Ion:	149	Resp:	1643813
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.4	9.3	13.9





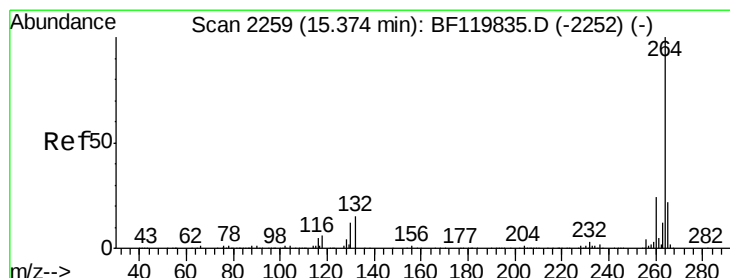
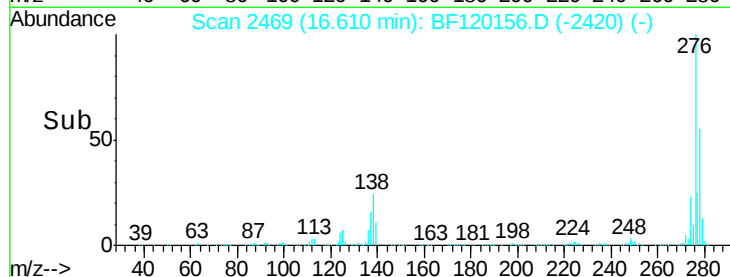
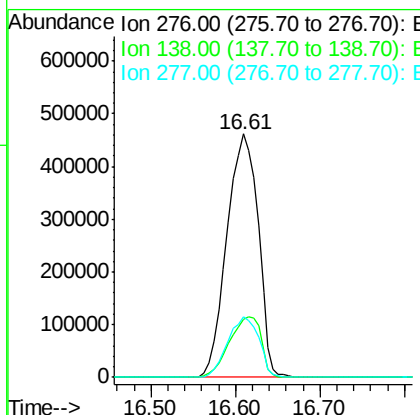
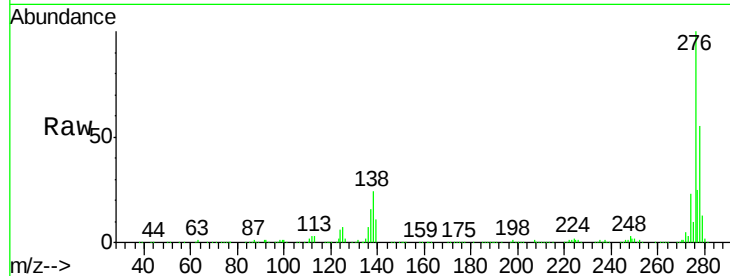
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.25 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.6	29.4
277	24.7	20.0	30.0

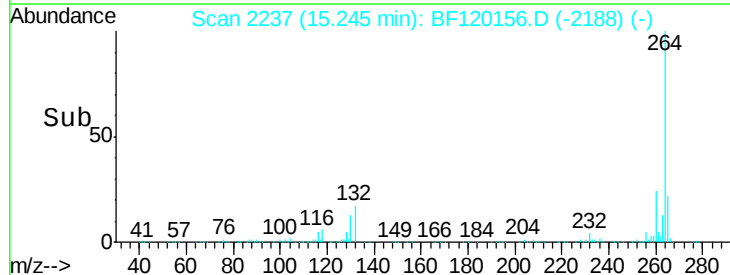
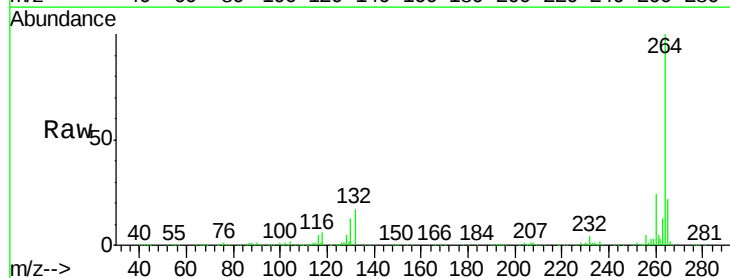
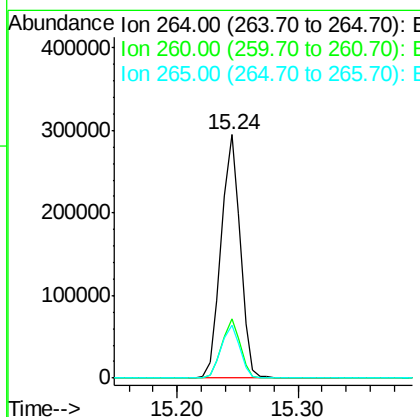
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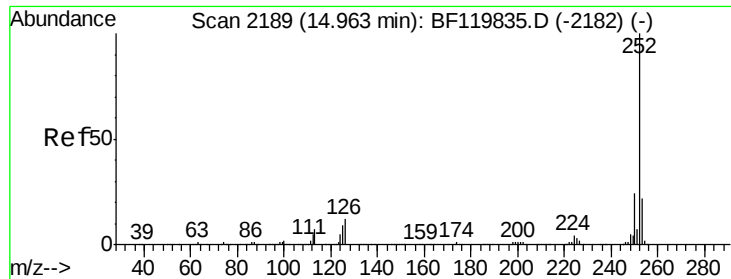
mohammad
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#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.7	26.5





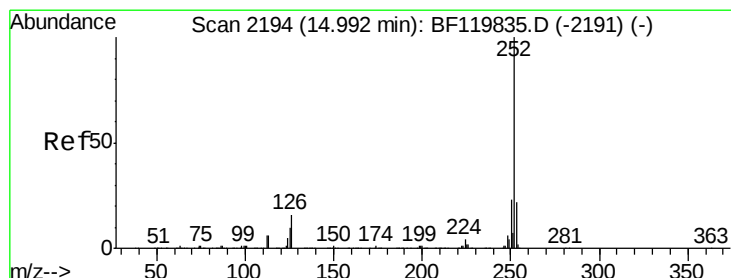
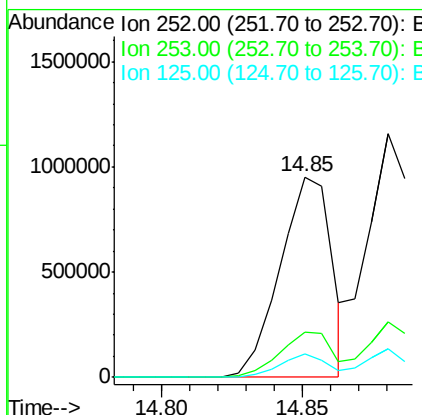
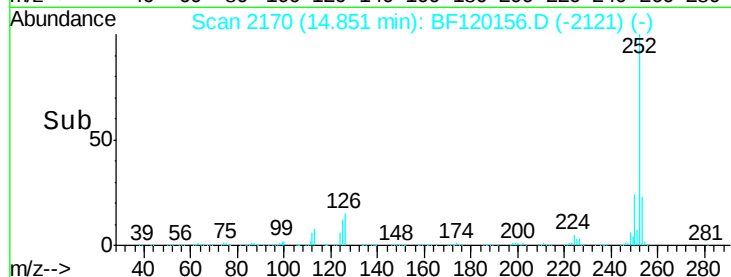
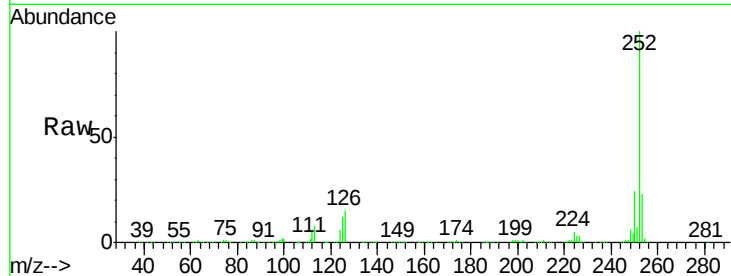
#88
Benzo(b)fluoranthene
Concen: 52.02 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.8	7.9	11.9

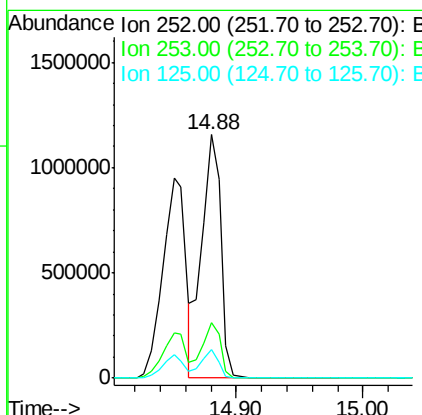
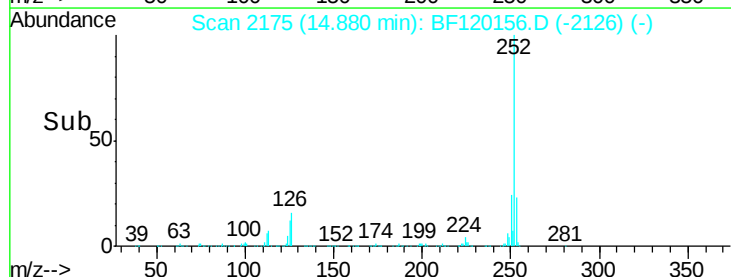
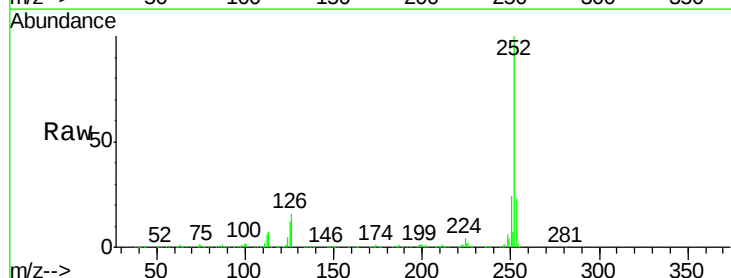
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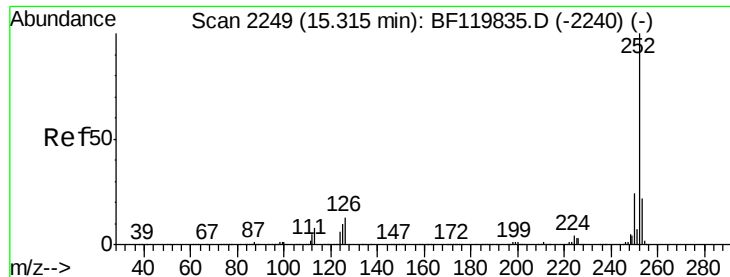
mohammad
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#89
Benzo(k)fluoranthene
Concen: 59.94 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF120156.D
Acq: 23 Apr 2020 6:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.5	8.4	12.6





#90

Benzo(a)pyrene

Concen: 54.60 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

Instrument :

BNA_F

ClientSampleId :

TR-05-042020MSD

Tgt Ion:252 Resp: 1066168

Ion Ratio Lower Upper

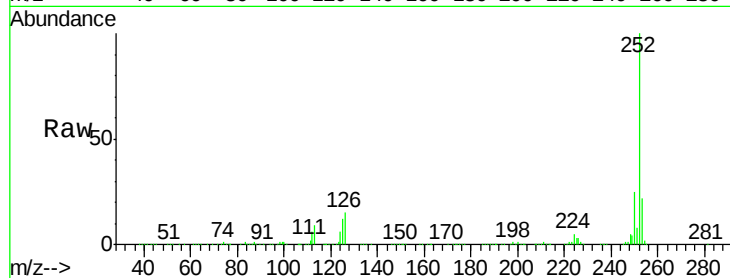
252 100

253 21.9 18.2 27.2

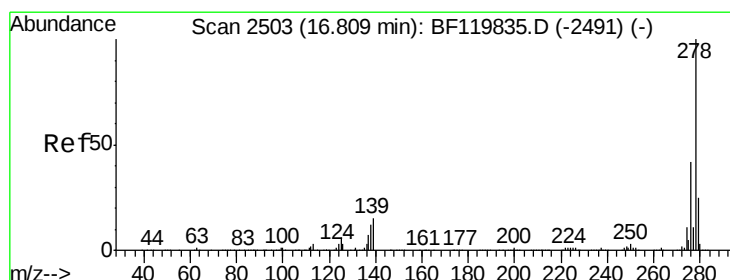
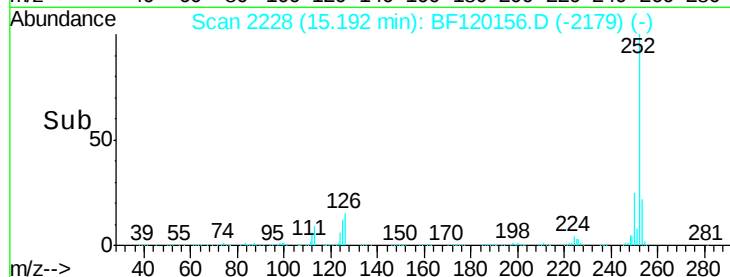
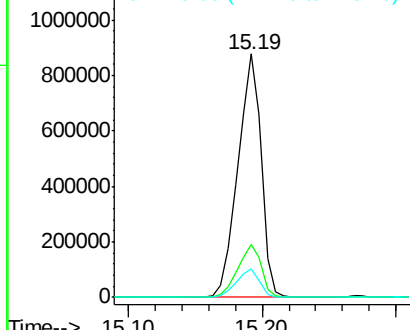
125 11.9 9.4 14.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 56.09 ng

RT: 16.63 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BF120156.D

Acq: 23 Apr 2020 6:32

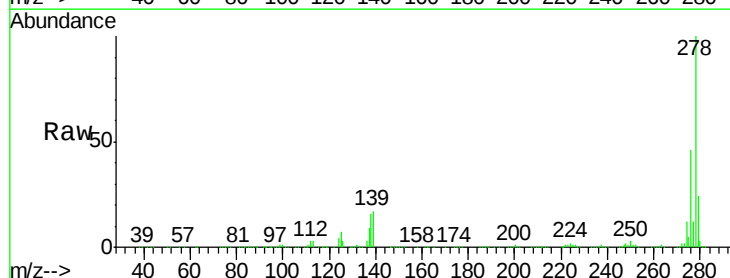
Tgt Ion:278 Resp: 970270

Ion Ratio Lower Upper

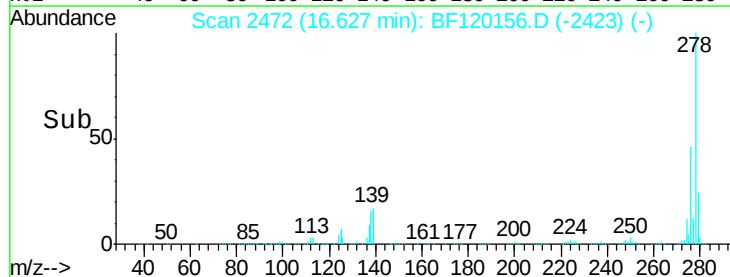
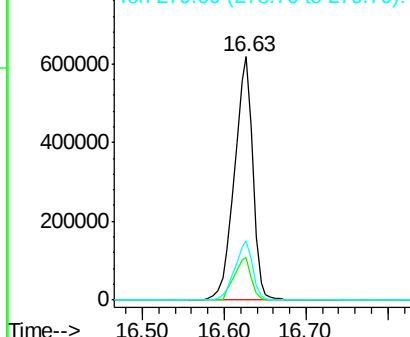
278 100

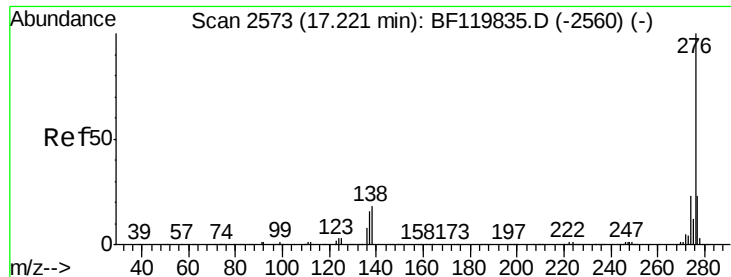
139 17.5 12.6 19.0

279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(g,h,i)perylene
 Concen: 56.43 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BF120156.D
 Acq: 23 Apr 2020 6:32

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042020MSD

Tgt Ion:	276	Resp:	963537
Ion Ratio		Lower	Upper
276	100		
277	24.6	18.4	27.6
138	20.6	15.4	23.0

Manual Integrations
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mohammad
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