

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
 Data File : BF120179.D
 Acq On : 23 Apr 2020 22:21
 Operator : MA/SJ
 Sample : L2330-13MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Manual Integrations
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 4/24/2020 1:34:20 PM

Quant Time: Apr 24 03:46:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	146402	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	581204	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	298503	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	559927	20.00	ng	0.00
76) Chrysene-d12	13.83	240	393444	20.00	ng	0.00
87) Perylene-d12	15.23	264	353810	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	743550	87.77	ng	0.00
7) Phenol-d6	6.31	99	624473	57.21	ng	0.00
23) Nitrobenzene-d5	7.24	82	1129202	100.51	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	481595	131.77	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2178504	103.62	ng	0.00
79) Terphenyl-d14	12.78	244	2383361	101.93	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	90495	23.98	ng	99
3) Pyridine	2.98	79	181731	17.55	ng	94
4) n-Nitrosodimethylamine	2.93	42	135964	25.71	ng	99
6) Aniline	6.33	93	461572	32.22	ng	# 89
8) 2-Chlorophenol	6.45	128	471071	49.77	ng	97
9) Benzaldehyde	6.21	77	223481	36.92	ng	99
10) Phenol	6.32	94	268031	21.64	ng	# 50
11) bis(2-Chloroethyl)ether	6.40	93	532997	55.74	ng	99
12) 1,3-Dichlorobenzene	6.60	146	561156	54.15	ng	98
13) 1,4-Dichlorobenzene	6.68	146	567691	53.78	ng	98
14) 1,2-Dichlorobenzene	6.84	146	534581	54.95	ng	98
15) Benzyl Alcohol	6.82	79	325369	38.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	923912	49.65	ng	87
17) 2-Methylphenol	6.93	107	332700	39.39	ng	95
18) Hexachloroethane	7.17	117	217036	55.02	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	402167	57.29	ng	99
20) 3+4-Methylphenols	7.09	107	378693	36.66	ng	89
22) Acetophenone	7.08	105	771806	56.71	ng	# 97
24) Nitrobenzene	7.26	77	597751	52.89	ng	99
25) Isophorone	7.50	82	1116470	51.55	ng	98
26) 2-Nitrophenol	7.57	139	305568	54.12	ng	96
27) 2,4-Dimethylphenol	7.62	122	425402	49.96	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	709011	55.64	ng	99
29) 2,4-Dichlorophenol	7.82	162	441037	50.53	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	500368	50.59	ng	100
31) Naphthalene	7.97	128	1610007	52.65	ng	99
32) Benzoic acid	7.73	122	121149	16.20	ng	98
33) 4-Chloroaniline	8.03	127	446505	33.54	ng	98
34) Hexachlorobutadiene	8.09	225	288670	48.76	ng	99
35) Caprolactam	8.42	113	29212m	10.94	ng	
36) 4-Chloro-3-methylphenol	8.51	107	458135	48.48	ng	96
37) 2-Methylnaphthalene	8.66	142	1099468	53.03	ng	99
38) 1-Methylnaphthalene	8.76	142	1045443	53.50	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	484451	51.38	ng	99

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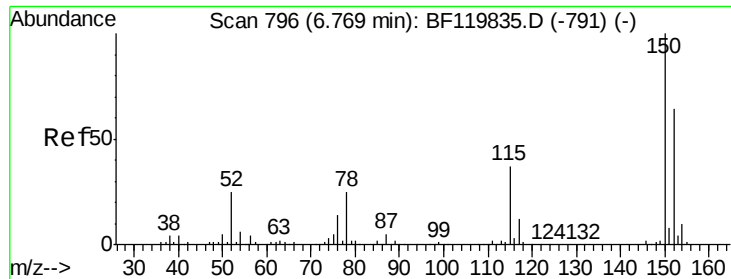
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	450565	84.04	ng	98
43) 2,4,6-Trichlorophenol	8.95	196	333152	51.17	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	351368	47.92	ng	98
46) 1,1'-Biphenyl	9.13	154	1322092	52.47	ng	98
47) 2-Chloronaphthalene	9.16	162	1031203	53.13	ng	97
48) 2-Nitroaniline	9.26	65	375162	53.34	ng	96
49) Acenaphthylene	9.57	152	1572564	53.28	ng	99
50) Dimethylphthalate	9.45	163	1223862	53.01	ng	100
51) 2,6-Dinitrotoluene	9.50	165	275362	54.46	ng	98
52) Acenaphthene	9.74	154	961456	48.83	ng	99
53) 3-Nitroaniline	9.67	138	192748	33.38	ng	92
54) 2,4-Dinitrophenol	9.78	184	301058	99.46	ng	89
55) Dibenzofuran	9.92	168	1423286	52.68	ng	99
56) 4-Nitrophenol	9.84	139	154052	35.86	ng	94
57) 2,4-Dinitrotoluene	9.90	165	351021	52.69	ng	# 91
58) Fluorene	10.26	166	1134801	52.51	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	293416	52.32	ng	99
60) Diethylphthalate	10.14	149	1243867	51.98	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	541848	48.92	ng	98
62) 4-Nitroaniline	10.29	138	283031	51.43	ng	99
63) Azobenzene	10.41	77	1182206	55.13	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	201718	54.68	ng	85
66) n-Nitrosodiphenylamine	10.37	169	1042057	55.96	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	336041	48.26	ng	95
68) Hexachlorobenzene	10.80	284	365681	51.77	ng	# 92
69) Atrazine	10.90	200	300035	57.91	ng	99
70) Pentachlorophenol	11.00	266	345720	84.93	ng	98
71) Phenanthrene	11.22	178	1562056	52.42	ng	99
72) Anthracene	11.27	178	1613010	52.99	ng	98
73) Carbazole	11.42	167	1552419	53.93	ng	98
74) Di-n-butylphthalate	11.76	149	1871960	49.46	ng	99
75) Fluoranthene	12.40	202	1709377	53.16	ng	99
77) Benzidine	12.52	184	514170	38.66	ng	98
78) Pyrene	12.63	202	1726177	52.04	ng	98
80) Butylbenzylphthalate	13.25	149	816693	50.74	ng	96
81) Benzo(a)anthracene	13.82	228	1347475	52.06	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	371236	38.44	ng	99
83) Chrysene	13.86	228	1395698	53.07	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1108143	50.84	ng	98
85) Di-n-octyl phthalate	14.43	149	1856898	50.04	ng	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	1241088	53.53	ng	99
88) Benzo(b)fluoranthene	14.83	252	1279755	50.28	ng	99
89) Benzo(k)fluoranthene	14.86	252	1261592	57.45	ng	99
90) Benzo(a)pyrene	15.17	252	1125395	52.59	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	1022882	53.96	ng	99
92) Benzo(g,h,i)perylene	16.99	276	1004540	53.69	ng	97

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



#1

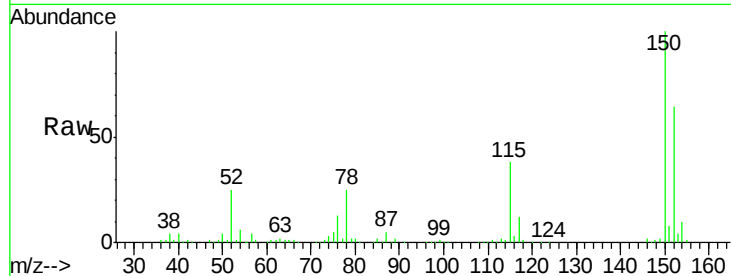
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
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PA-TWP-2MS

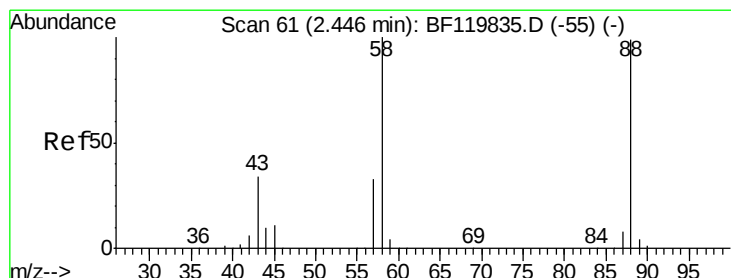
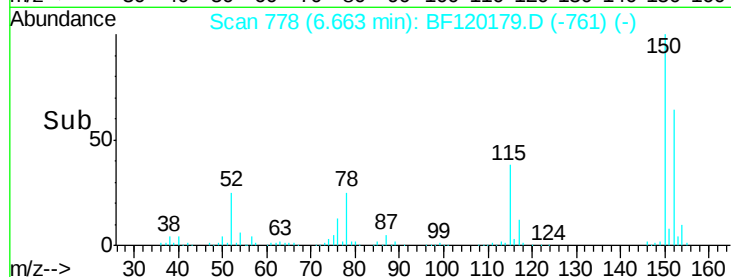
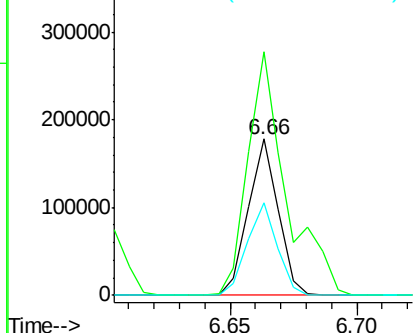
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.5	186.7
115	59.0	49.6	74.4

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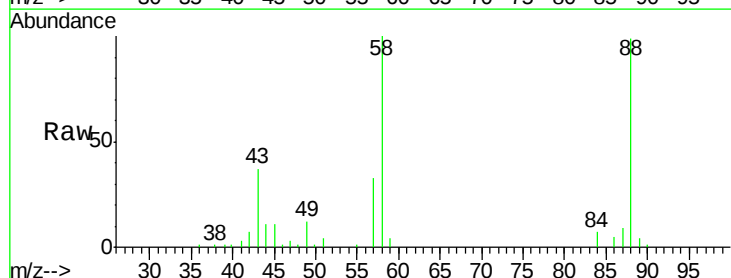
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



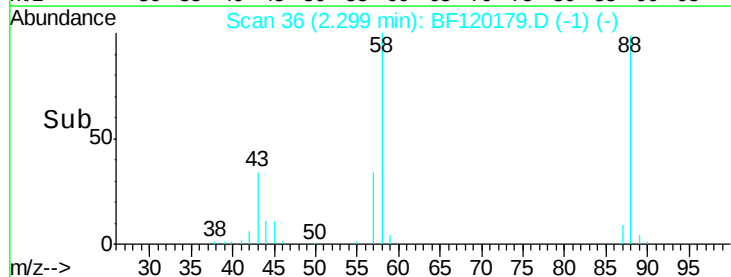
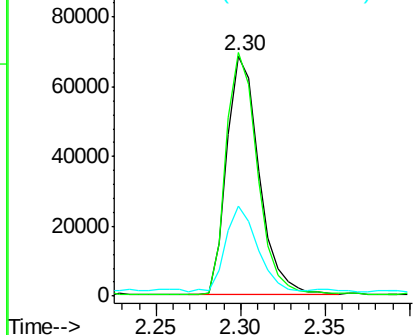
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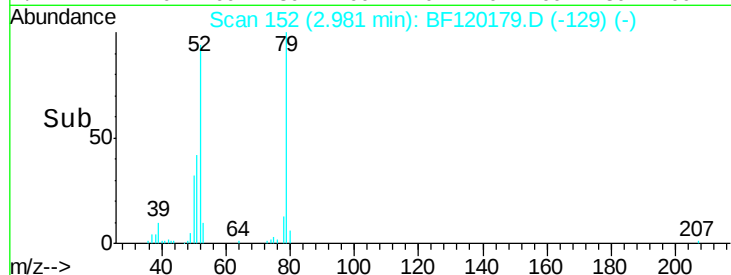
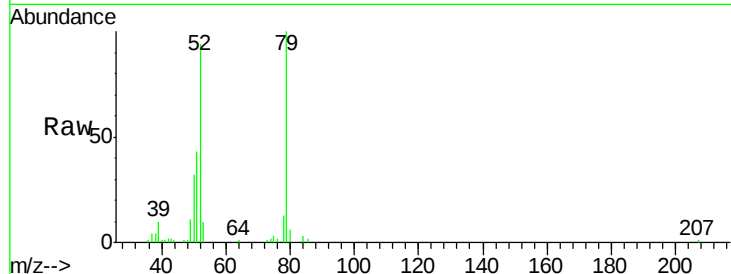
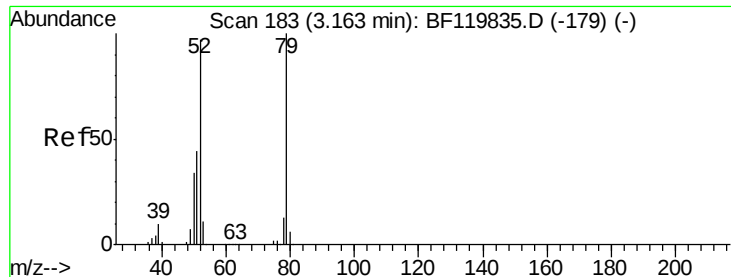
1,4-Dioxane
Concen: 23.98 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	80.6	121.0
43	35.7	27.5	41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





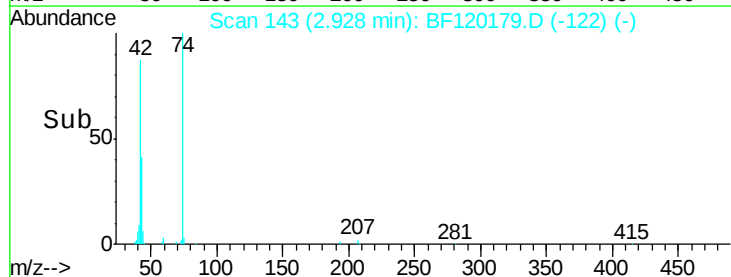
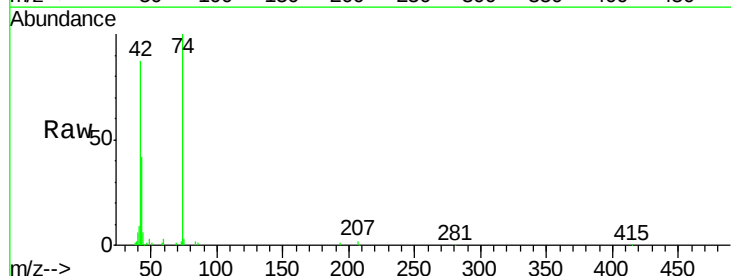
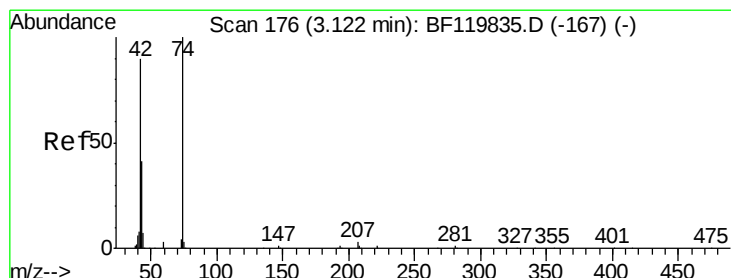
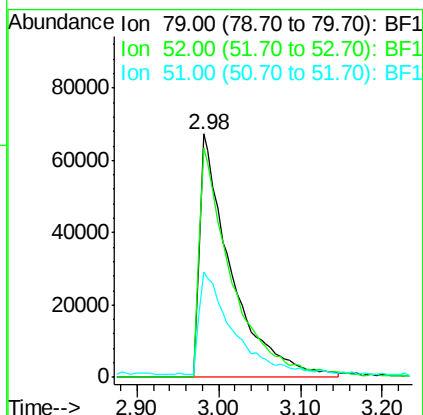
#3
 Pyridine
 Concen: 17.55 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.04 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion:	79	Resp:	181731
Ion Ratio	Lower	Upper	
79	100		
52	94.5	80.2	120.2
51	43.2	37.7	56.5

Instrument :
 BNA_F
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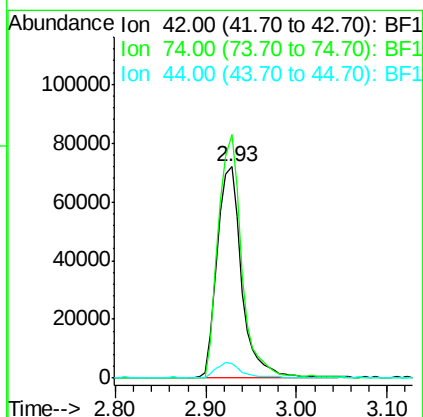
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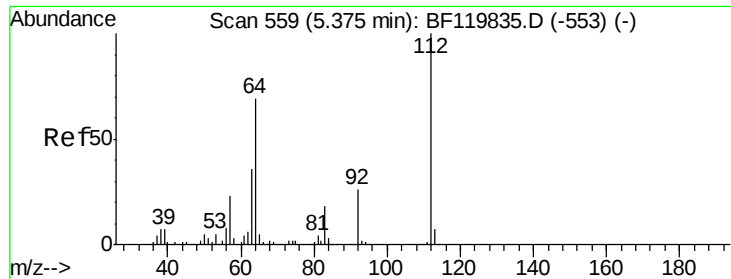
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#4
 n-Nitrosodimethylamine
 Concen: 25.71 ng
 RT: 2.93 min Scan# 143
 Delta R.T. 0.02 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion:	42	Resp:	135964
Ion Ratio	Lower	Upper	
42	100		
74	115.3	91.5	137.3
44	6.7	6.2	9.4





#5

2-Fluorophenol

Concen: 87.77 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

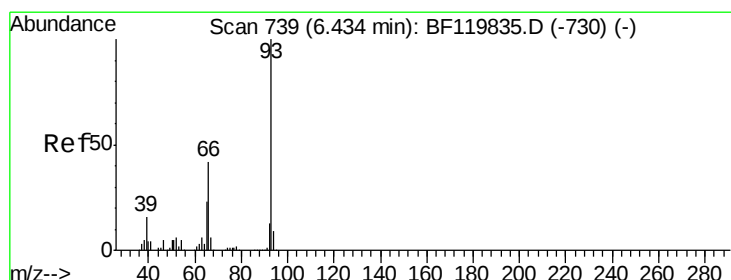
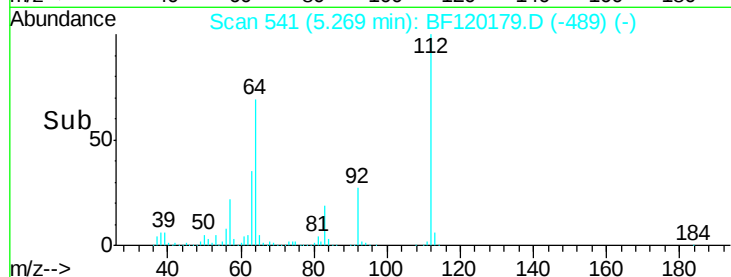
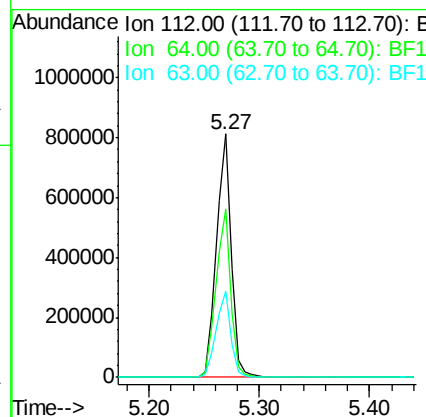
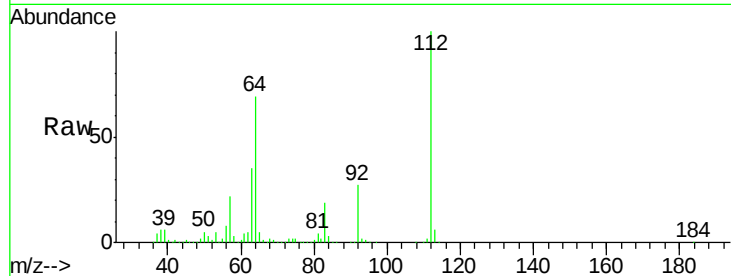
ClientSampleId :

PA-TWP-2MS

Tgt Ion:	112	Resp:	743550
Ion Ratio	Lower	Upper	
112	100		
64	68.9	56.7	85.1
63	35.4	29.5	44.3

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#6

Aniline

Concen: 32.22 ng

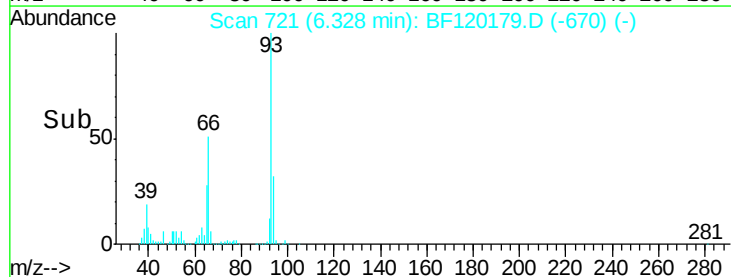
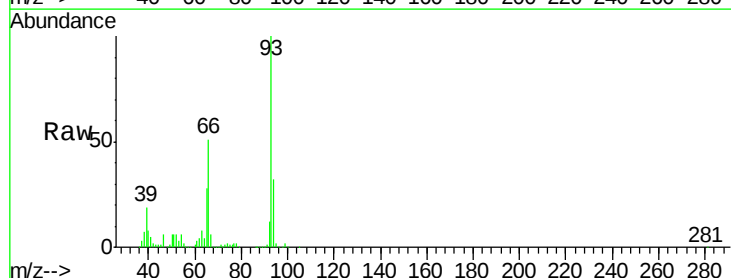
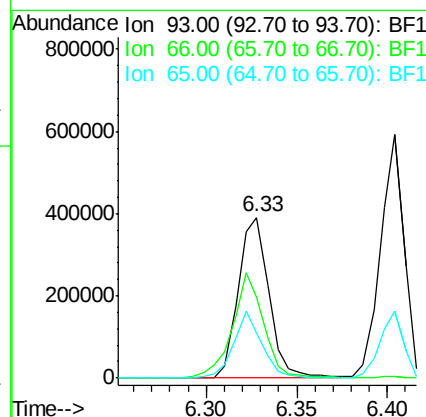
RT: 6.33 min Scan# 721

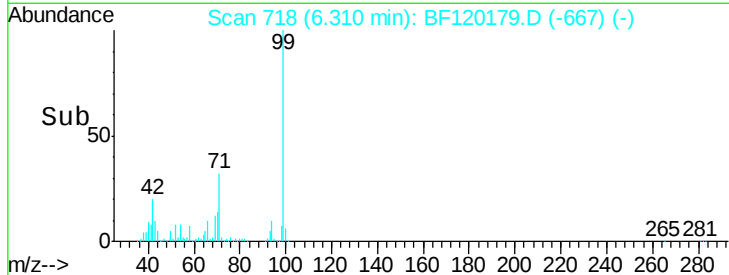
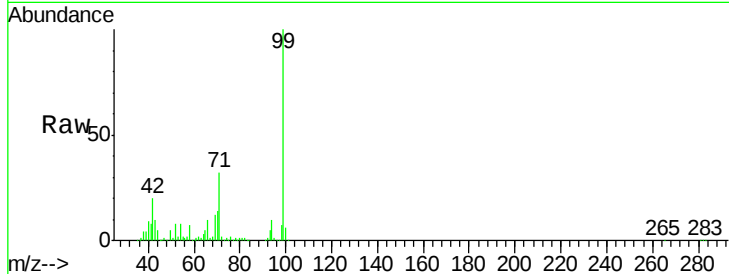
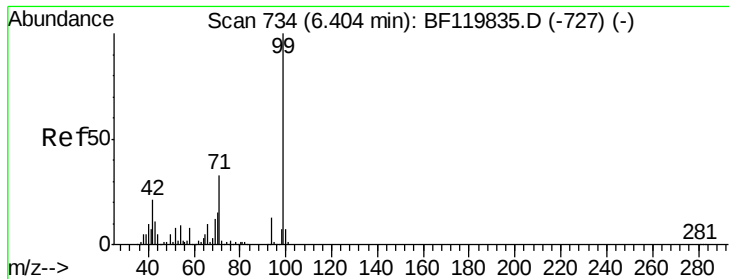
Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion:	93	Resp:	461572
Ion Ratio	Lower	Upper	
93	100		
66	50.8	34.9	52.3
65	28.0	18.6	27.8





#7

Phenol-d6

Concen: 57.21 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion:	99	Resp:	624473
Ion Ratio	Lower	Upper	
99	100		
42	20.0	16.6	24.8
71	31.6	26.4	39.6

Instrument :

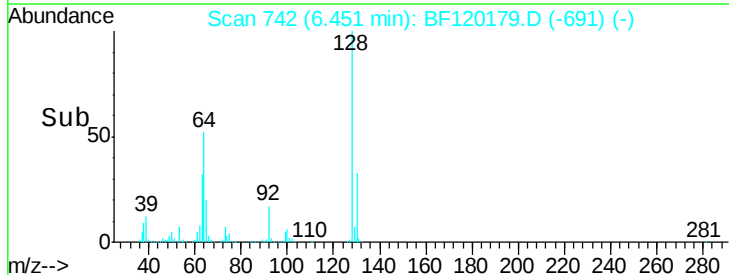
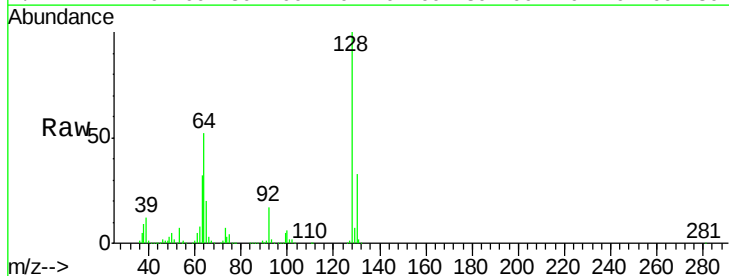
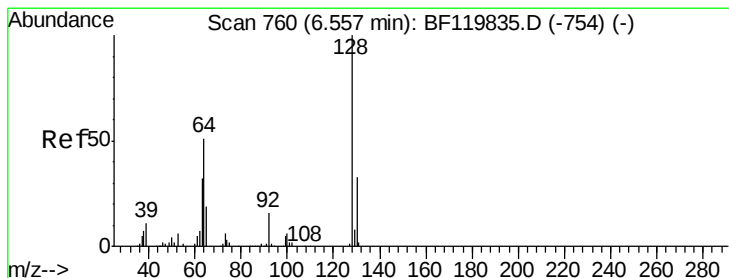
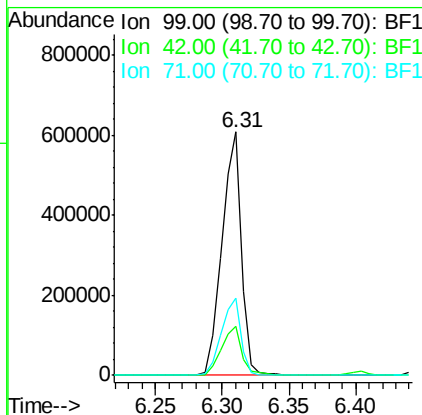
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 49.77 ng

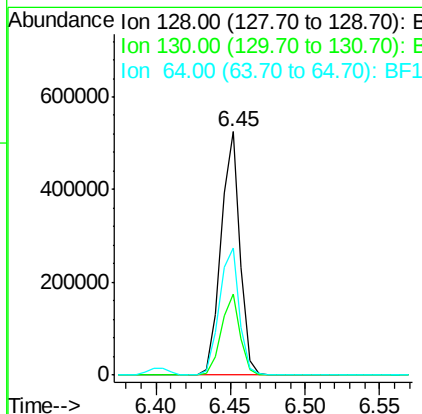
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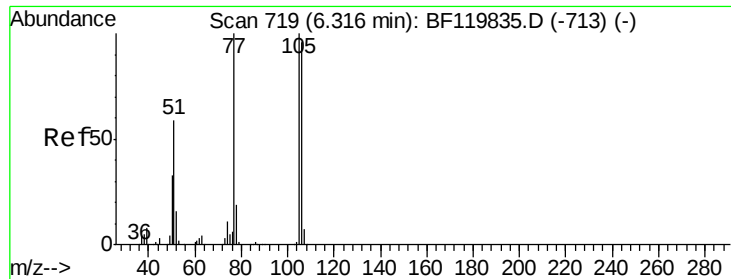
Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion:	128	Resp:	471071
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.6	52.6
64	52.3	35.3	75.3





#9

Benzaldehyde

Concen: 36.92 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

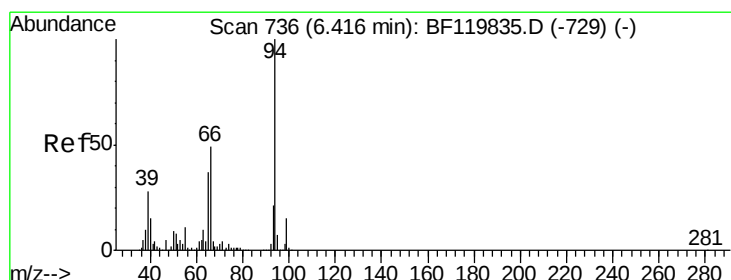
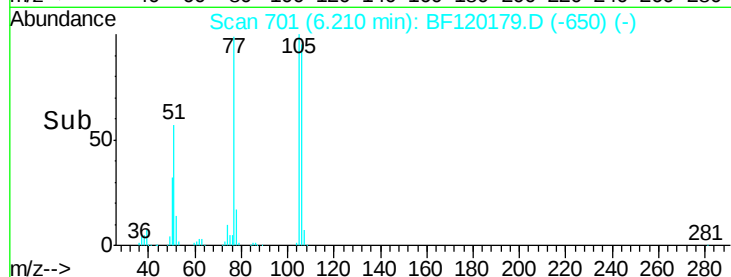
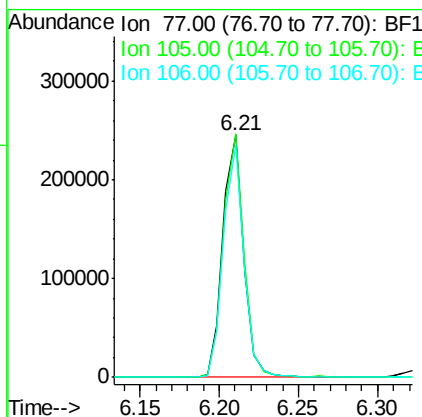
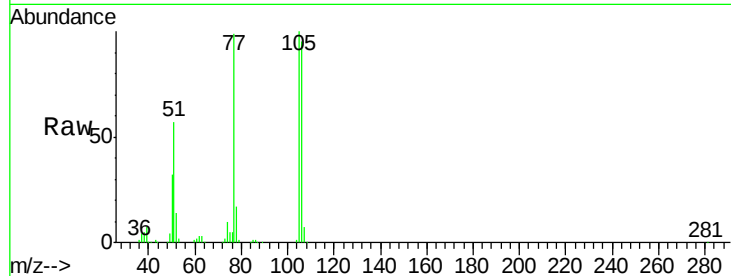
ClientSampleId :

PA-TWP-2MS

Tgt Ion:	77	Resp:	223481
Ion Ratio	Lower	Upper	
77	100		
105	100.7	80.9	120.9
106	96.0	77.9	117.9

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#10

Phenol

Concen: 21.64 ng

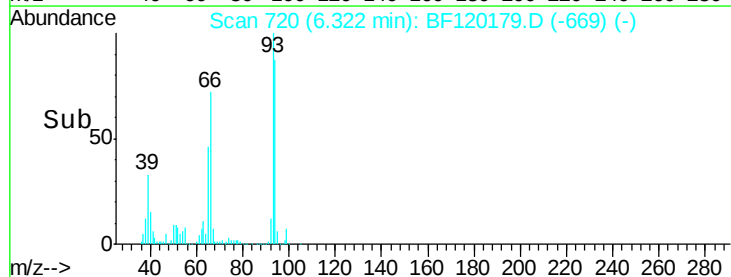
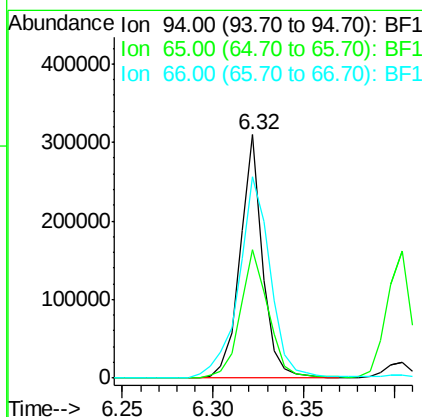
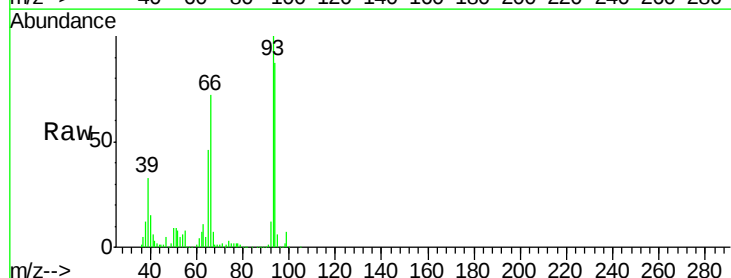
RT: 6.32 min Scan# 720

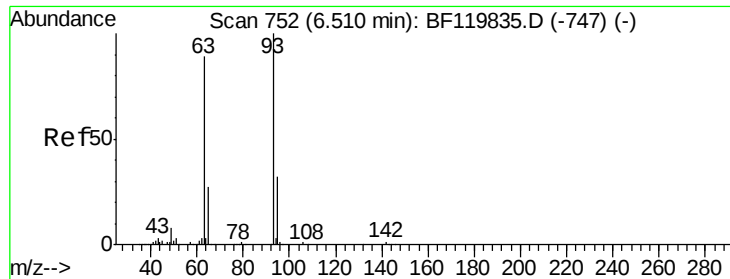
Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion:	94	Resp:	268031
Ion Ratio	Lower	Upper	
94	100		
65	52.5	13.2	53.2
66	82.5	22.3	62.3#





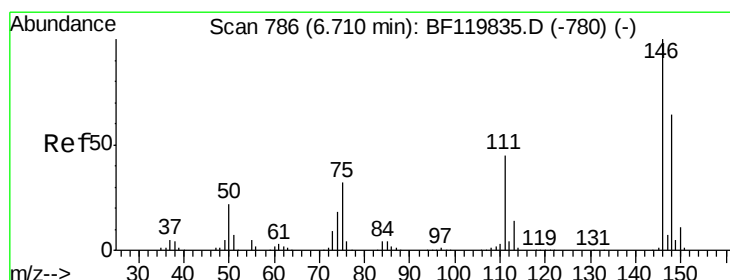
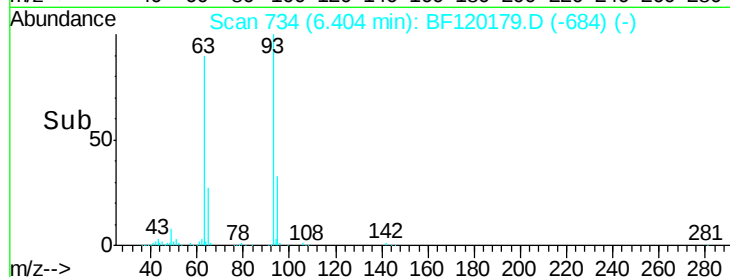
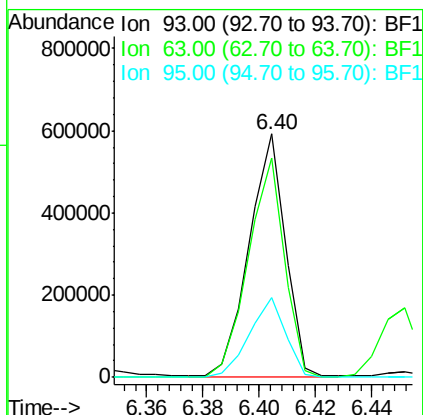
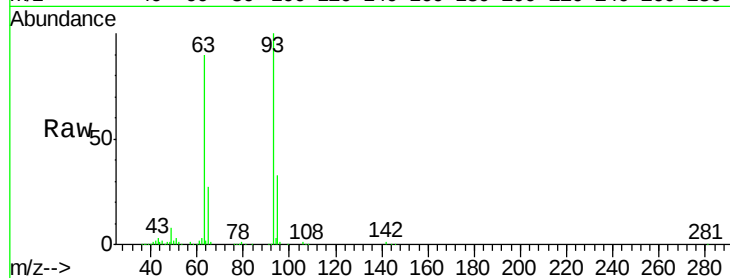
#11
bis(2-Chloroethyl)ether
Concen: 55.74 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.0	70.2	110.2
95	32.6	13.4	53.4

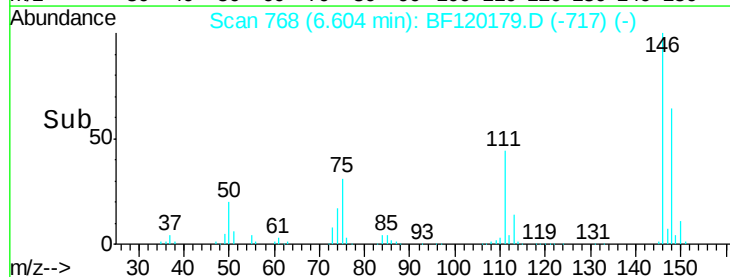
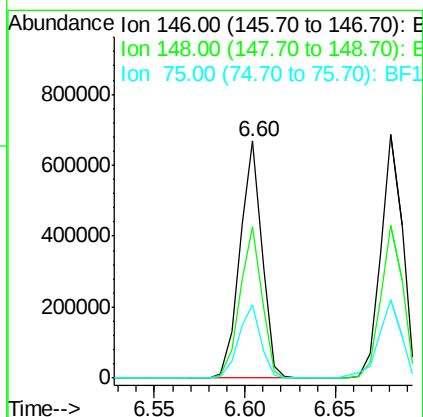
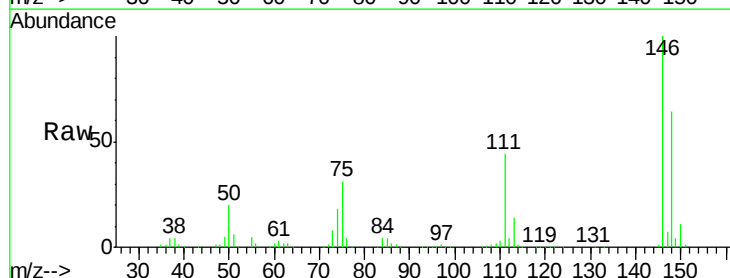
Manual Integrations
APPROVED

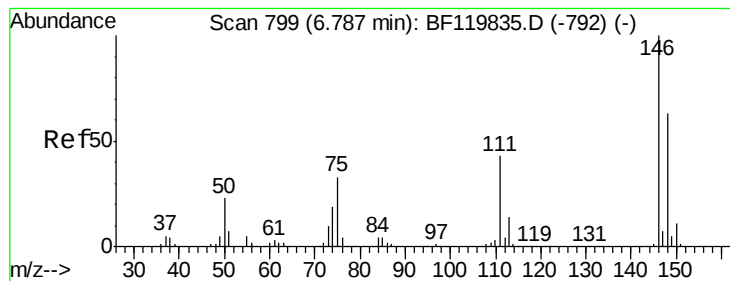
mohammad
4/24/2020 1:34:20 PM



#12
1,3-Dichlorobenzene
Concen: 54.15 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
75	31.2	23.0	34.4





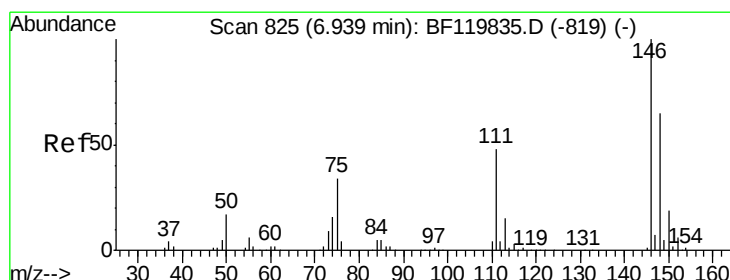
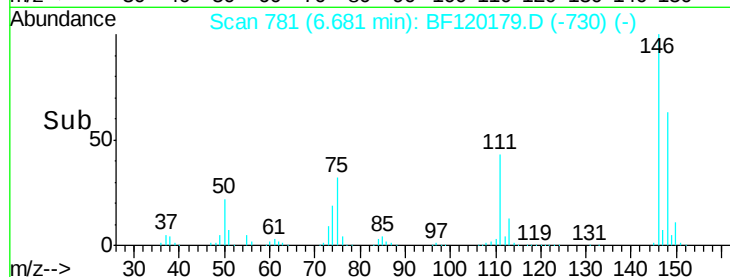
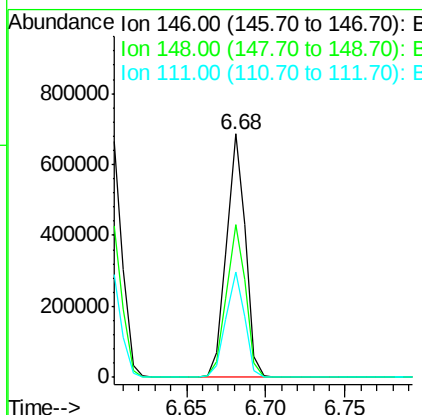
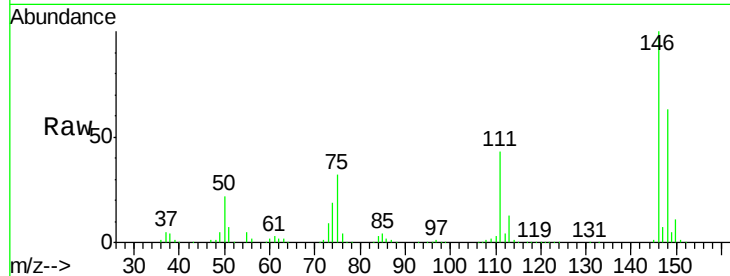
#13
 1,4-Dichlorobenzene
 Concen: 53.78 ng
 RT: 6.68 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.5	77.3
111	43.5	33.3	49.9

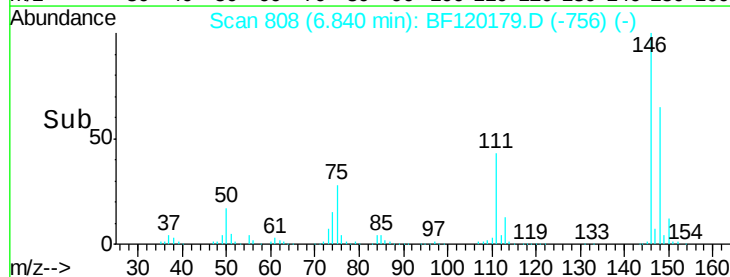
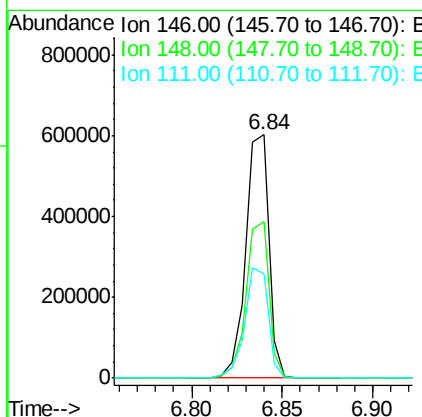
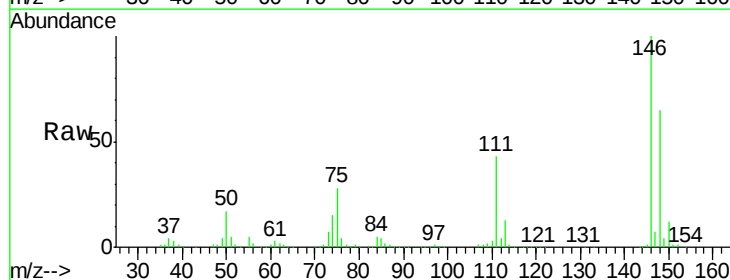
Manual Integrations
 APPROVED

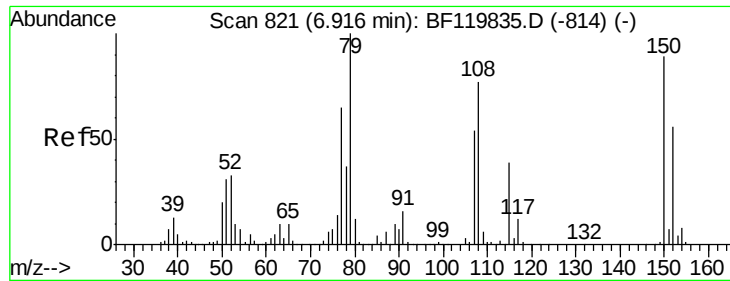
mohammad
 4/24/2020 1:34:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 54.95 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	42.9	36.1	54.1





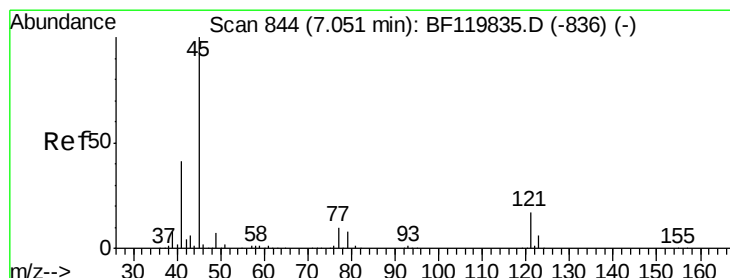
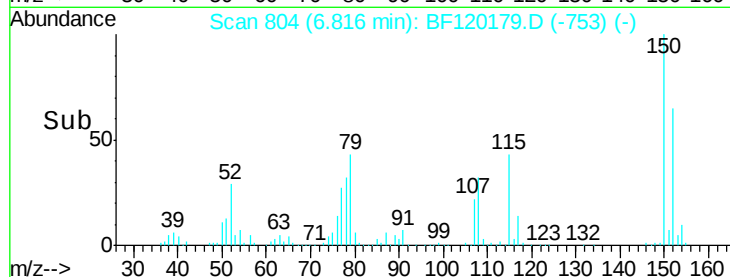
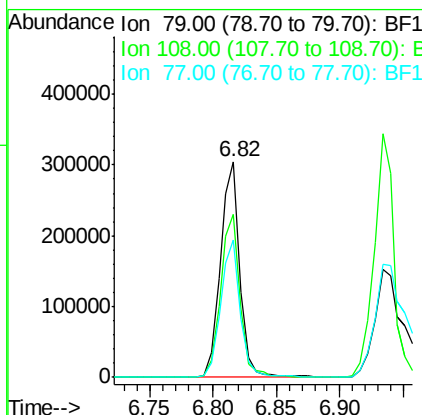
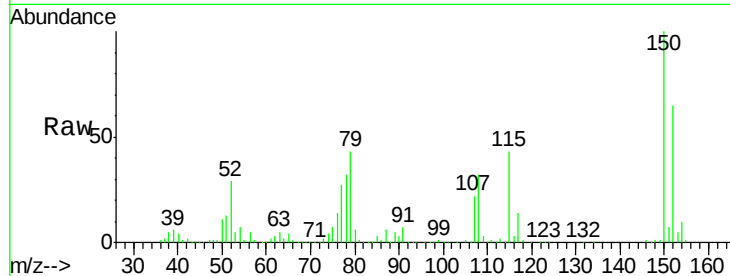
#15
Benzyl Alcohol
Concen: 38.38 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.5	60.6	90.8
77	63.5	50.2	75.2

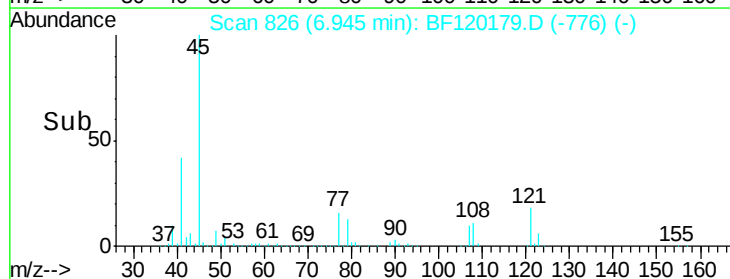
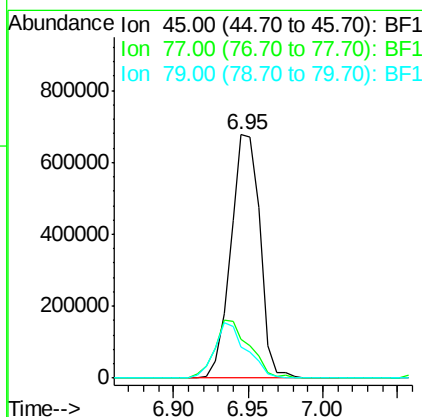
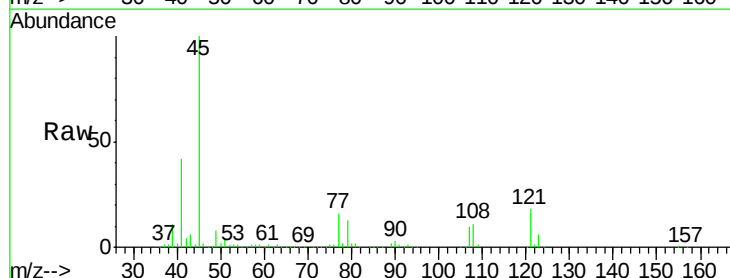
Manual Integrations
APPROVED

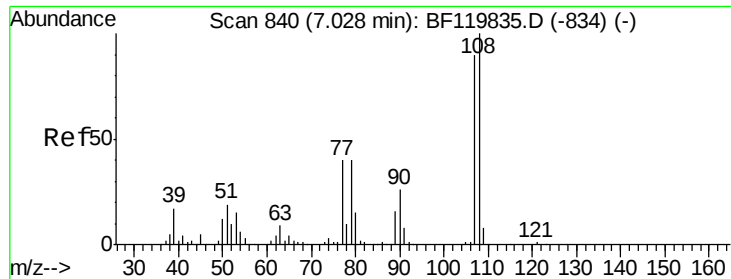
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.65 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	30.7
79	12.7	0.0	28.2





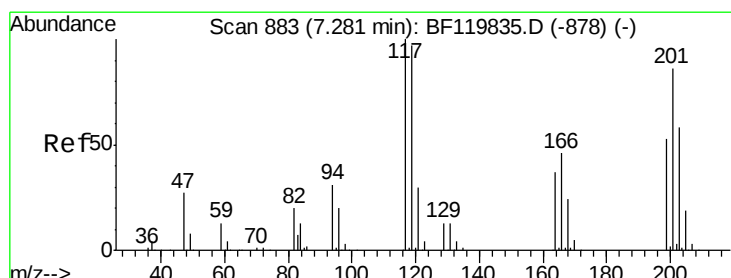
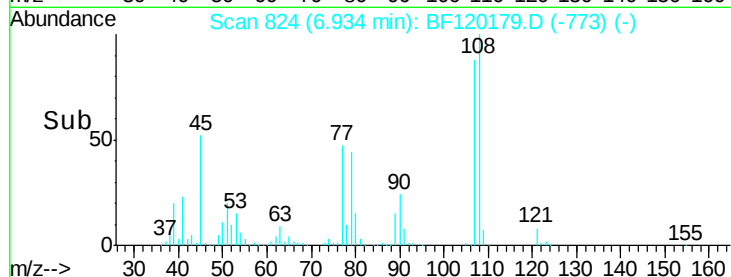
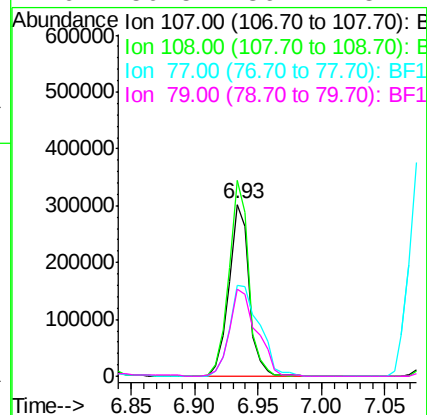
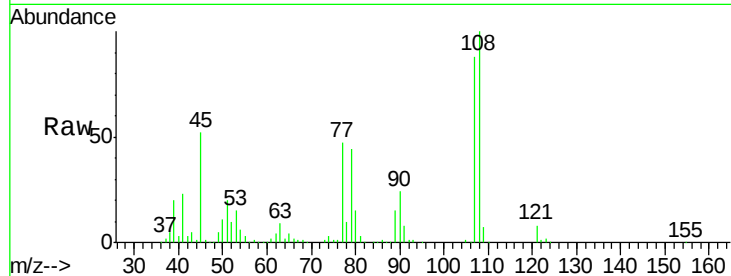
#17
2-Methylphenol
Concen: 39.39 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	332700		
108	113.7	92.2	138.4	
77	53.0	36.6	54.8	
79	50.5	36.2	54.4	

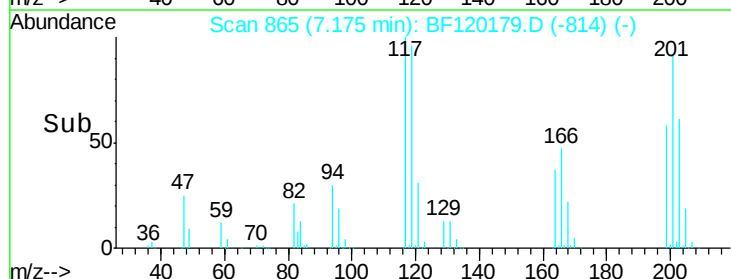
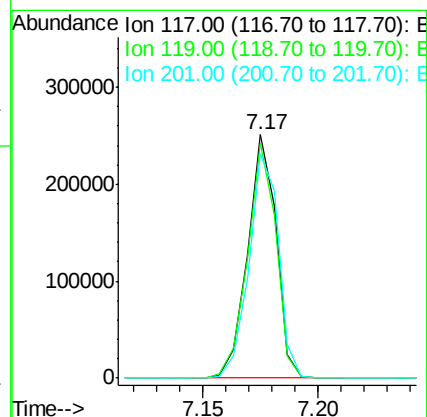
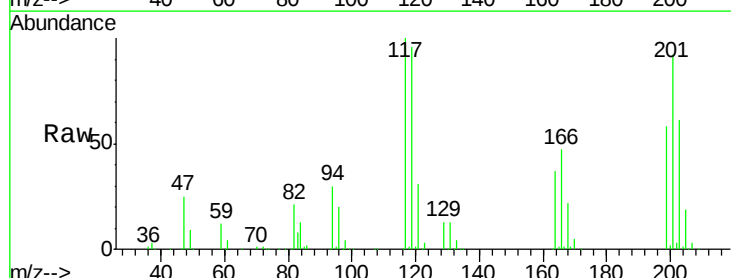
Manual Integrations
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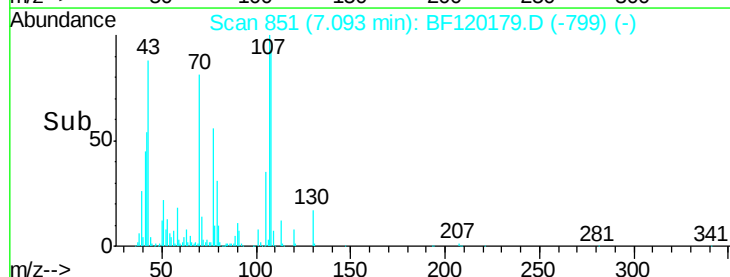
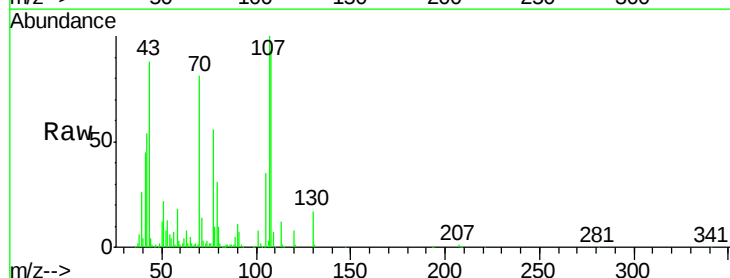
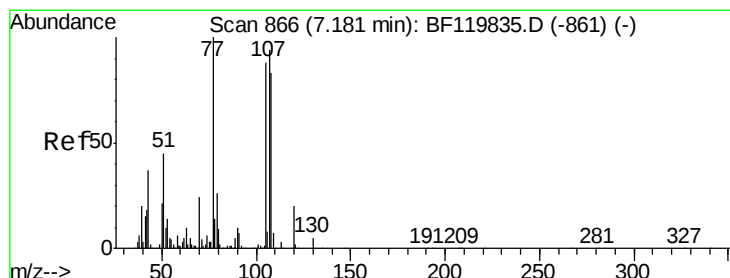
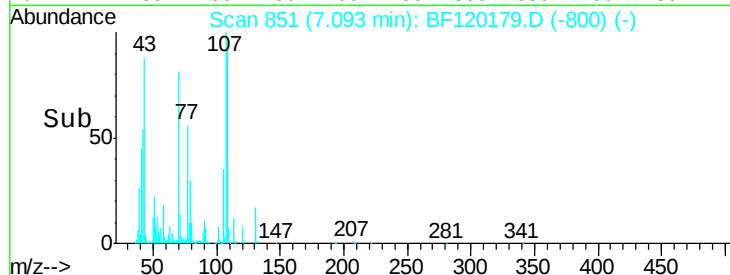
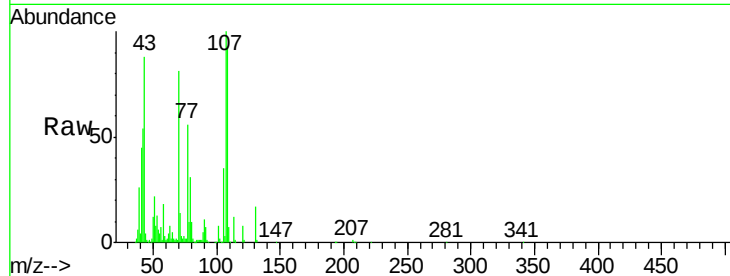
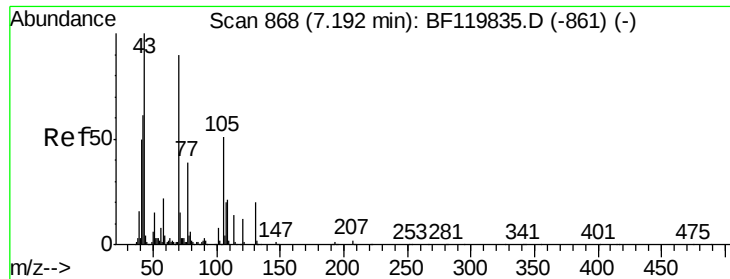
mohammad
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#18
Hexachloroethane
Concen: 55.02 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	217036		
119	96.4	76.1	114.1	
201	92.2	73.0	109.6	





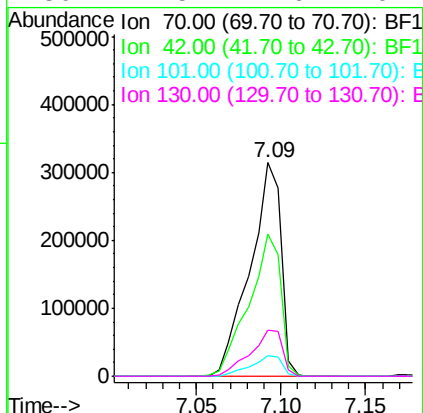
#19
n-Nitroso-di-n-propylamine
Concen: 57.29 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.8	54.5	81.7
101	9.4	7.6	11.4
130	21.5	17.6	26.4

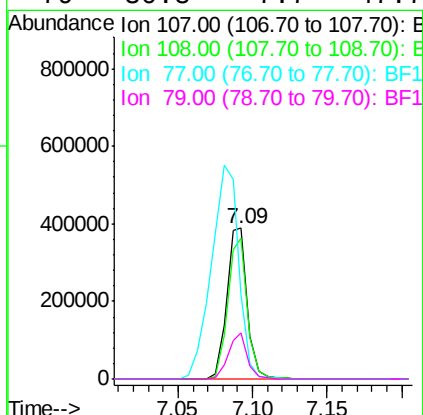
Manual Integrations
APPROVED

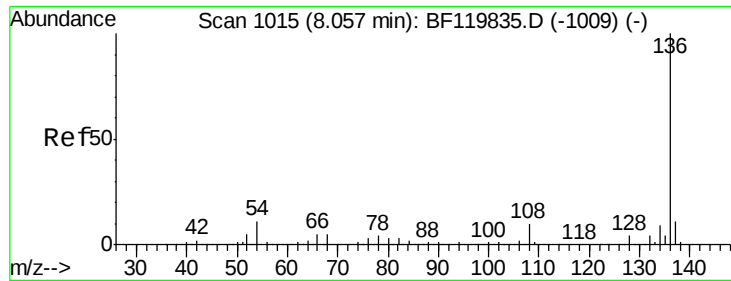
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#20
3+4-Methylphenols
Concen: 36.66 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	67.9	107.9
77	56.5	52.9	92.9
79	30.8	7.7	47.7





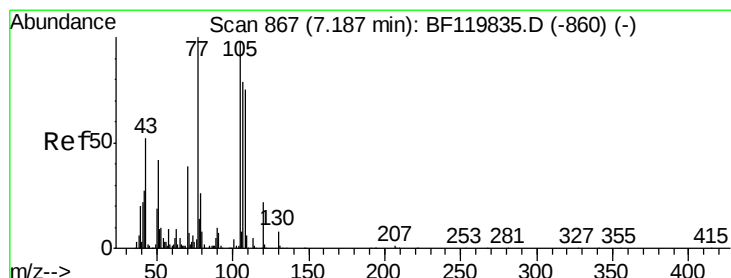
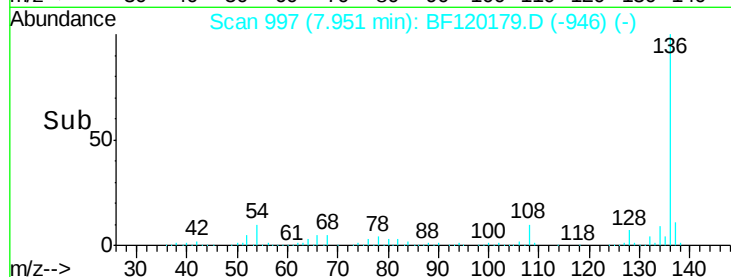
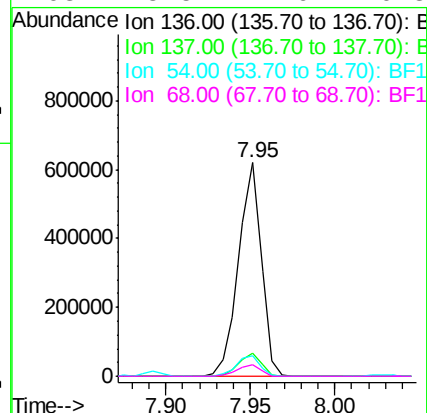
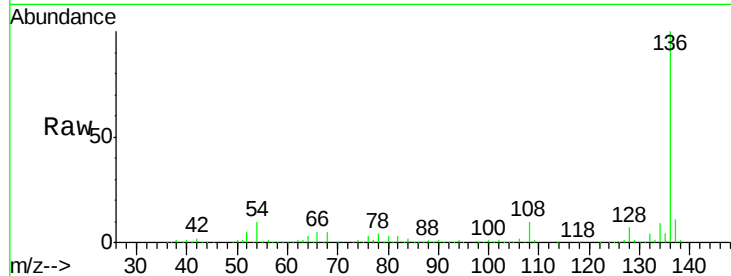
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	581204		
137	10.8	8.7	13.1	
54	9.8	9.1	13.7	
68	5.5	4.6	6.8	

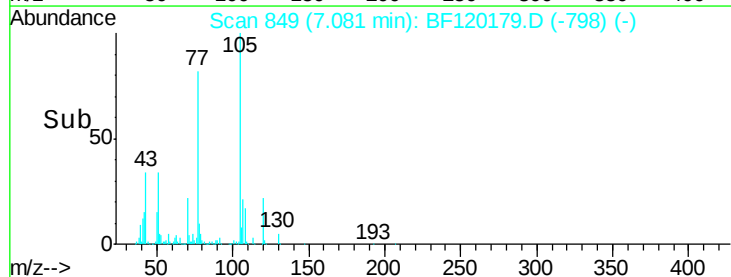
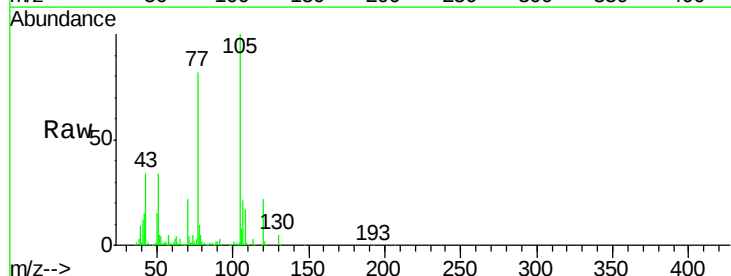
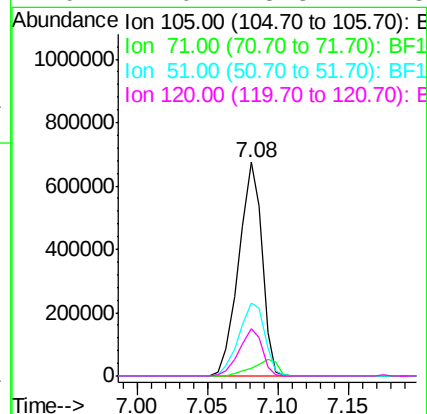
Manual Integrations
APPROVED

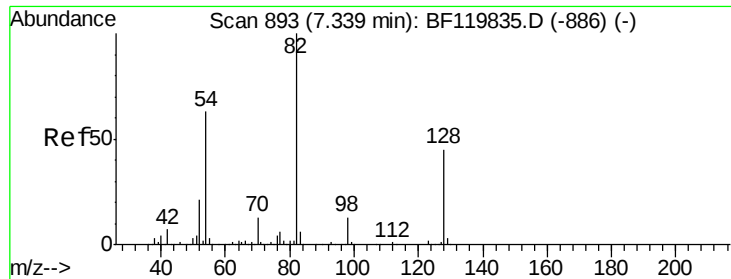
mohammad
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#22
Acetophenone
Concen: 56.71 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	771806		
71	3.6	5.7	8.5#	
51	34.2	26.2	39.4	
120	22.0	18.3	27.5	





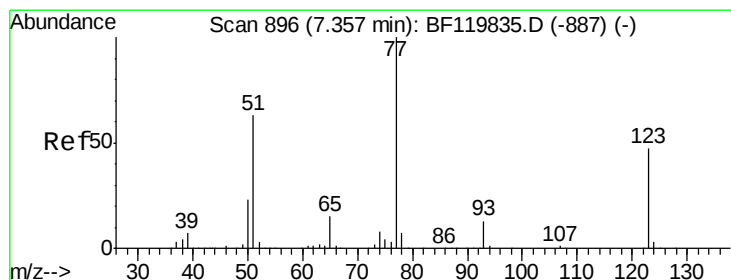
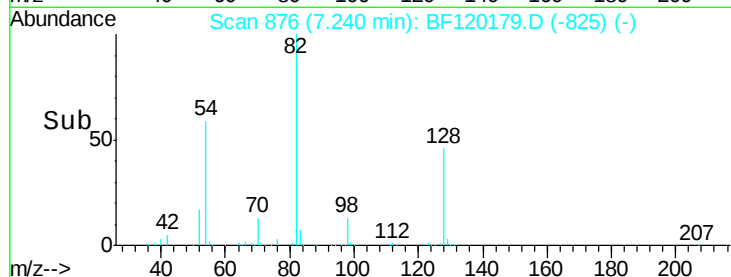
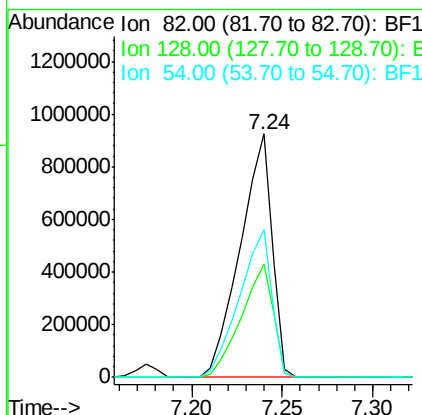
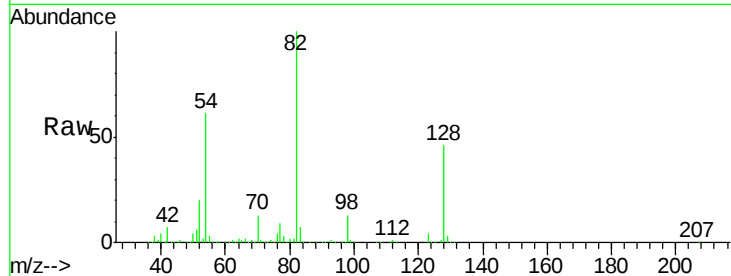
#23
 Nitrobenzene-d5
 Concen: 100.51 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion: 82 Resp: 1129202
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.3 54.5
 54 60.9 50.6 75.8

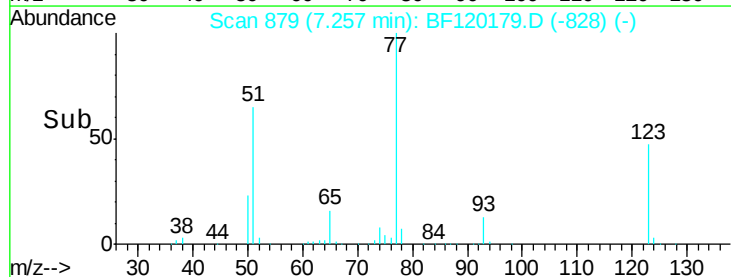
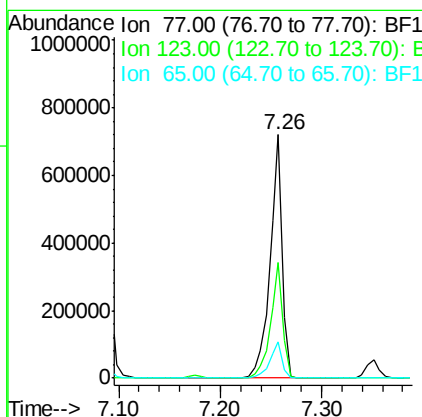
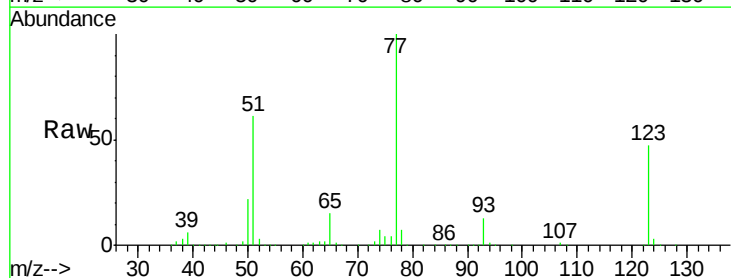
Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:34:20 PM



#24
 Nitrobenzene
 Concen: 52.89 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion: 77 Resp: 597751
 Ion Ratio Lower Upper
 77 100
 123 47.3 38.0 57.0
 65 15.0 12.6 18.8





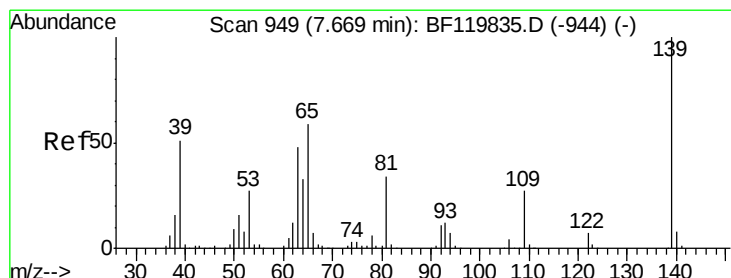
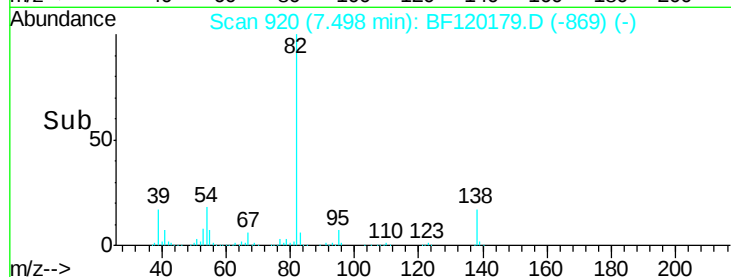
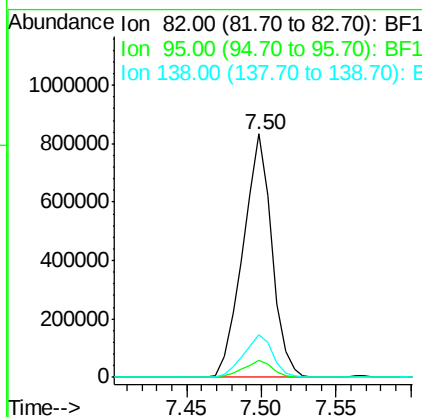
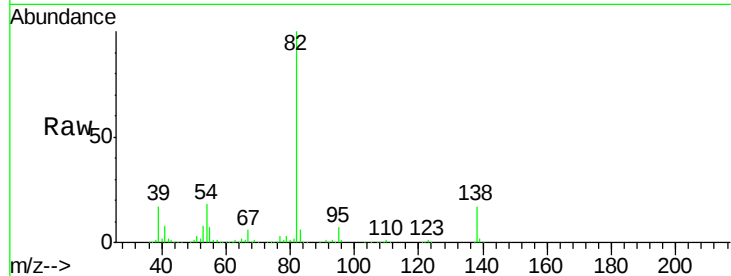
#25
Isophorone
Concen: 51.55 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion: 82 Resp: 1116470
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 17.4 14.6 21.8

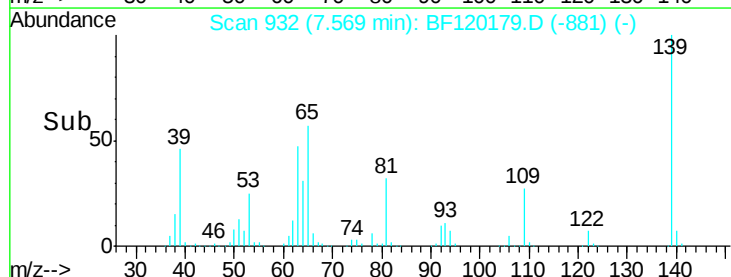
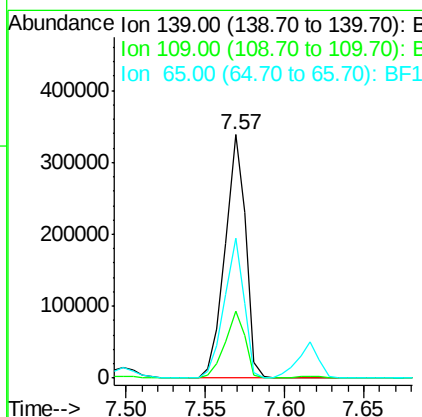
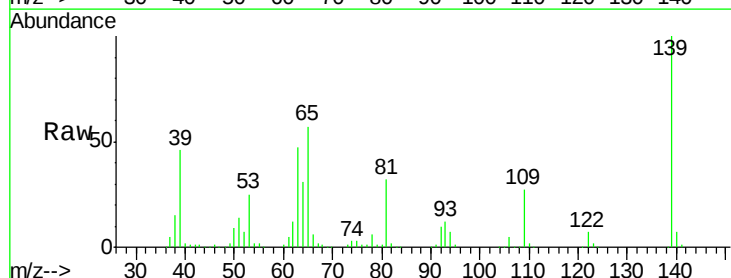
Manual Integrations
APPROVED

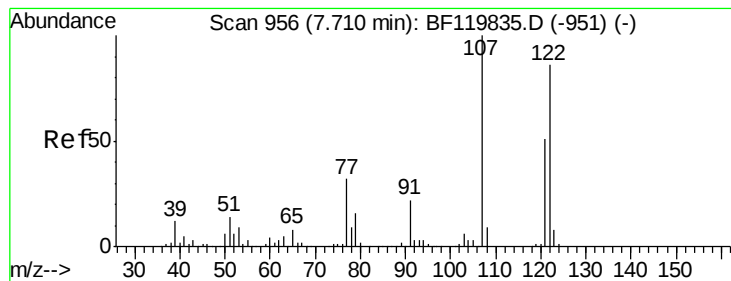
mohammad
4/24/2020 1:34:20 PM



#26
2-Nitrophenol
Concen: 54.12 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion: 139 Resp: 305568
Ion Ratio Lower Upper
139 100
109 27.3 22.1 33.1
65 57.3 49.2 73.8





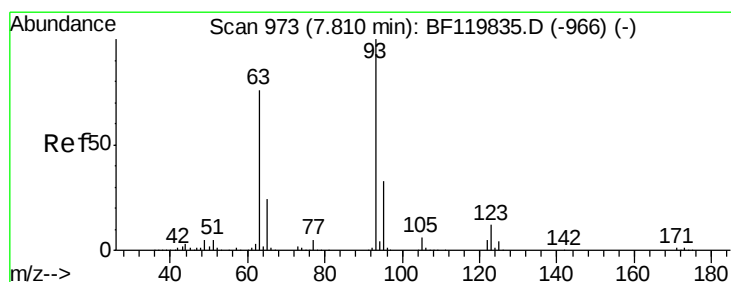
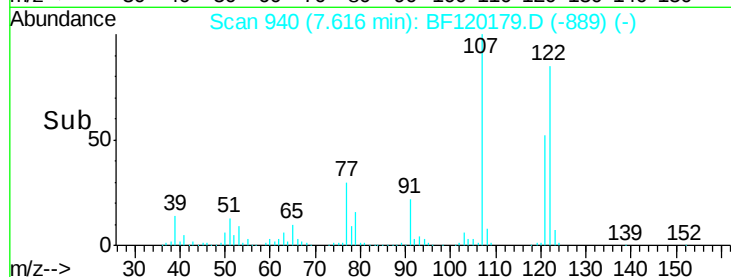
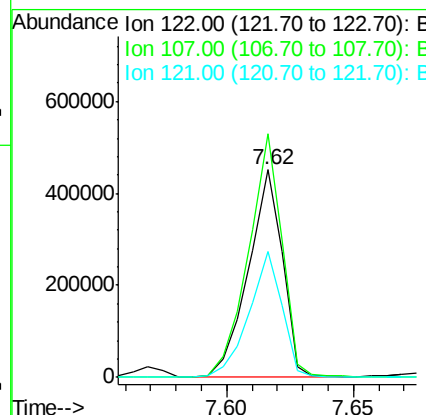
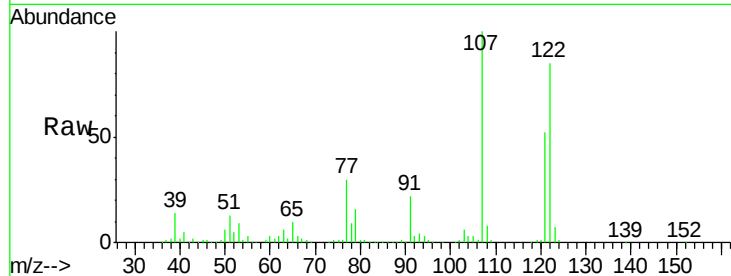
#27
 2,4-Dimethylphenol
 Concen: 49.96 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	425402		
107	117.2	89.0	133.6	
121	60.4	46.7	70.1	

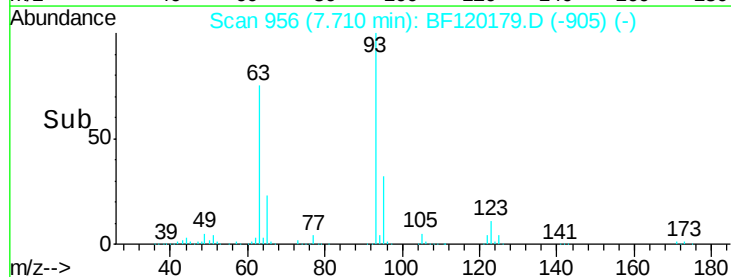
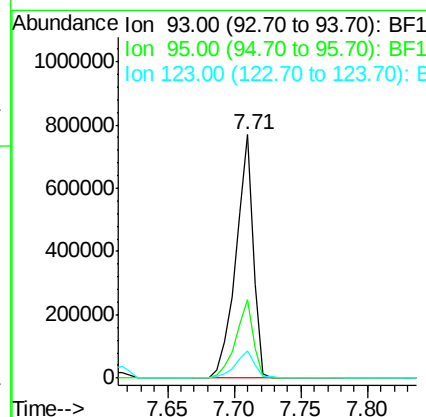
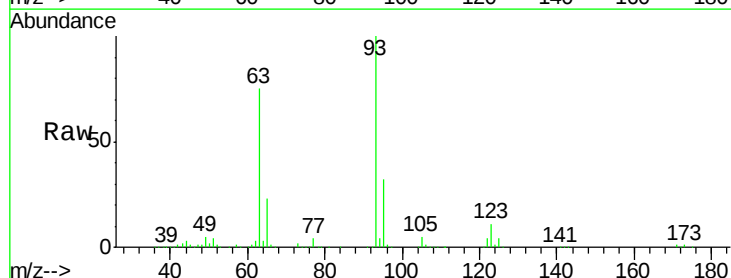
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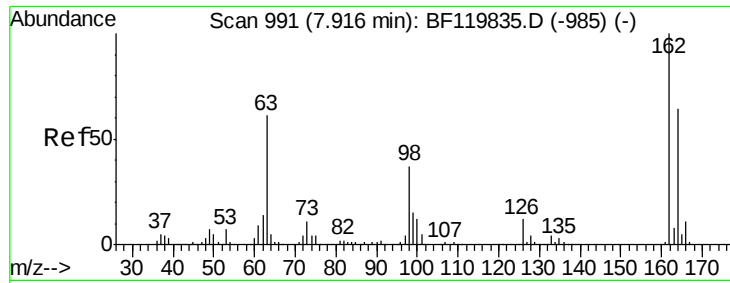
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 55.64 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	709011		
95	32.3	26.3	39.5	
123	11.3	9.7	14.5	





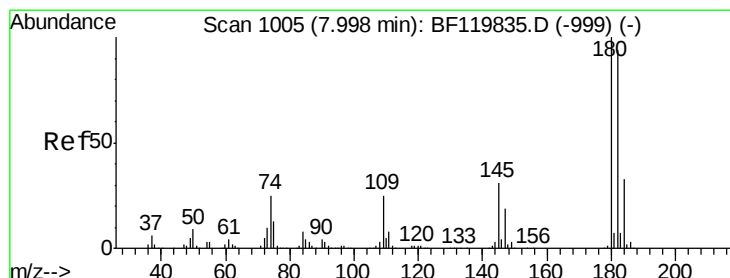
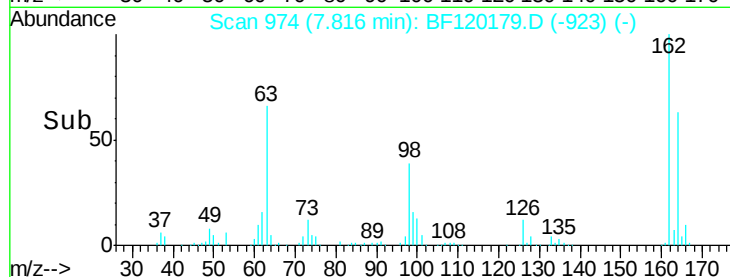
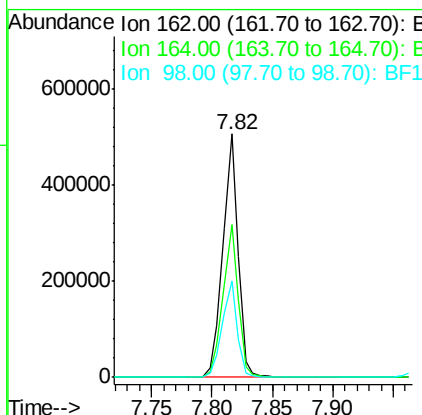
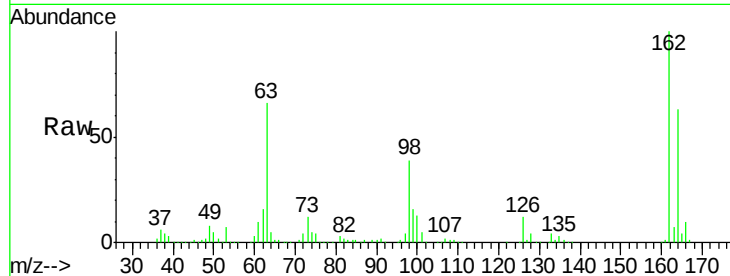
#29
2,4-Dichlorophenol
Concen: 50.53 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:	162	Resp:	441037
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.7	84.7
98	39.4	20.7	60.7

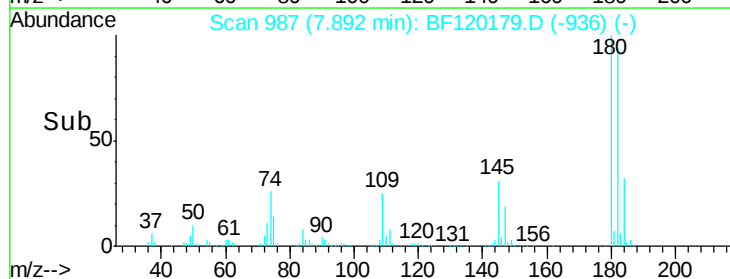
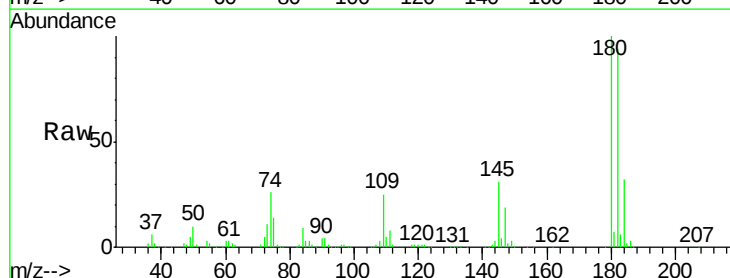
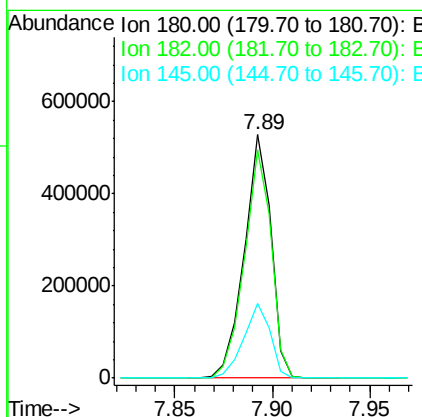
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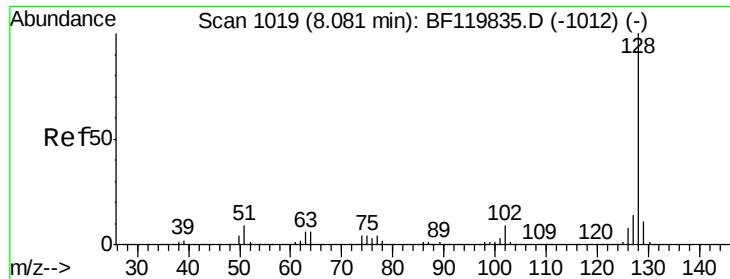
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#30
1,2,4-Trichlorobenzene
Concen: 50.59 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:	180	Resp:	500368
Ion Ratio	Lower	Upper	
180	100		
182	93.8	74.7	112.1
145	30.6	24.5	36.7





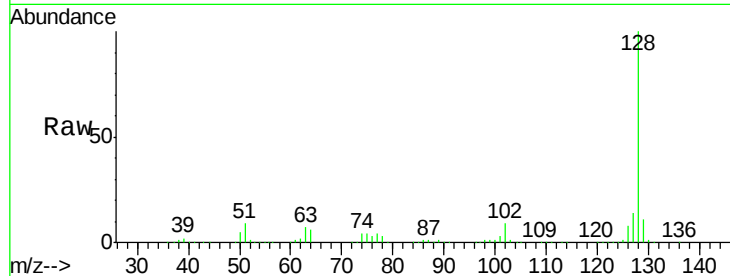
#31
Naphthalene
Concen: 52.65 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

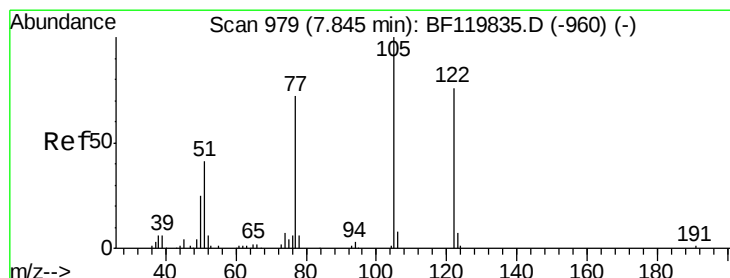
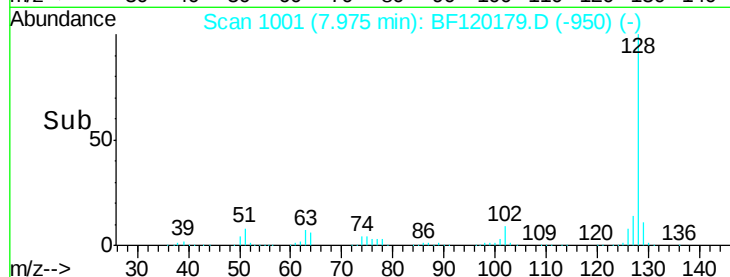
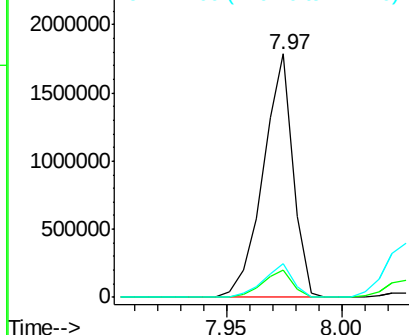
Tgt Ion:128 Resp: 1610007
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.8 11.3 16.9

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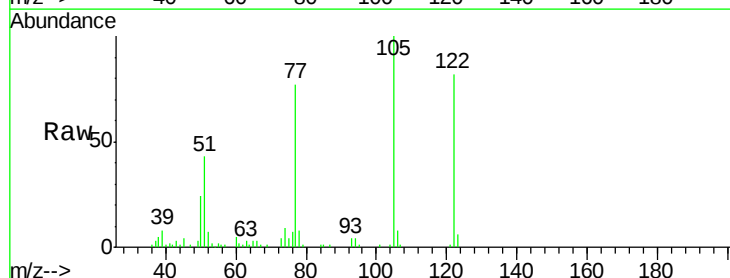


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

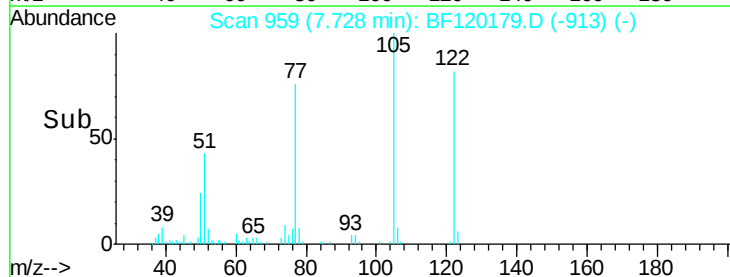
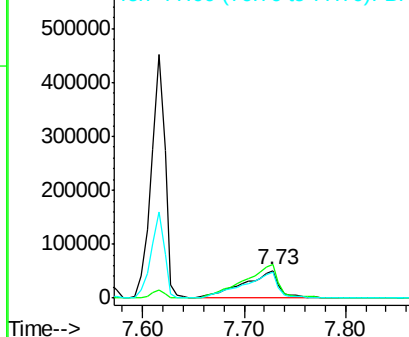


#32
Benzoic acid
Concen: 16.20 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:122 Resp: 121149
Ion Ratio Lower Upper
122 100
105 121.3 104.9 144.9
77 93.1 74.4 114.4



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





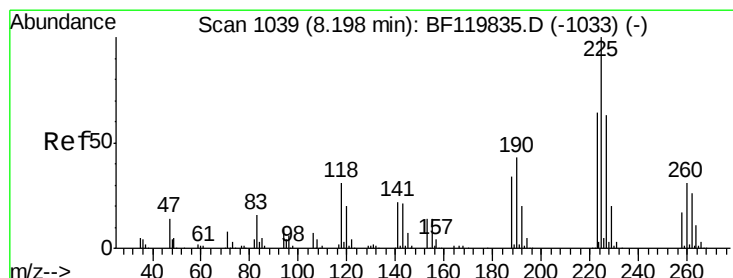
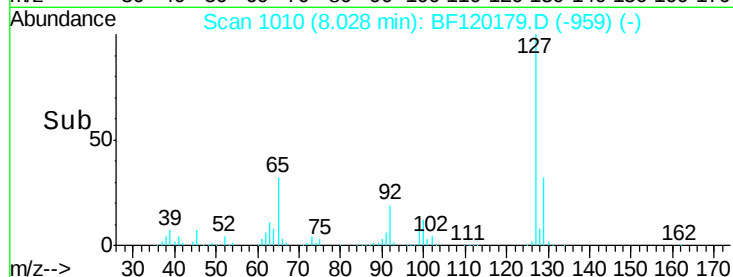
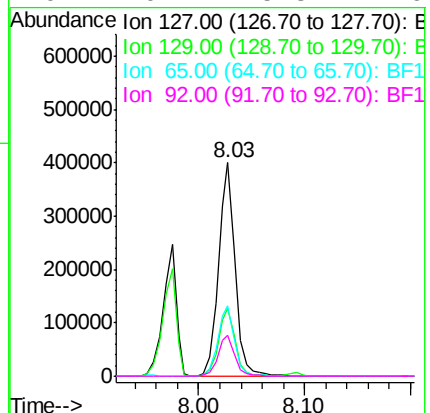
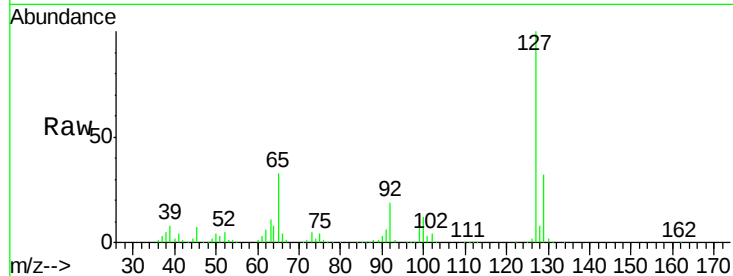
#33
 4-Chloroaniline
 Concen: 33.54 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	446505		
129	31.7	26.2	39.4	
65	32.7	27.4	41.0	
92	19.2	15.3	22.9	

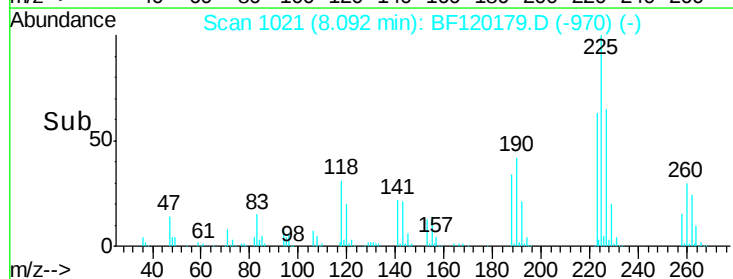
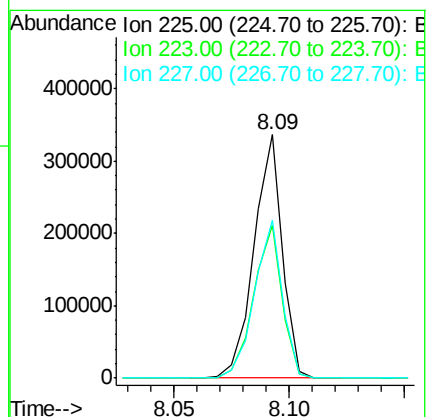
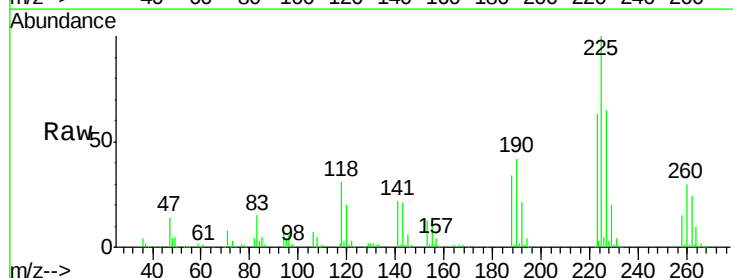
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#34
 Hexachlorobutadiene
 Concen: 48.76 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	288670		
223	62.9	51.0	76.6	
227	64.6	50.7	76.1	





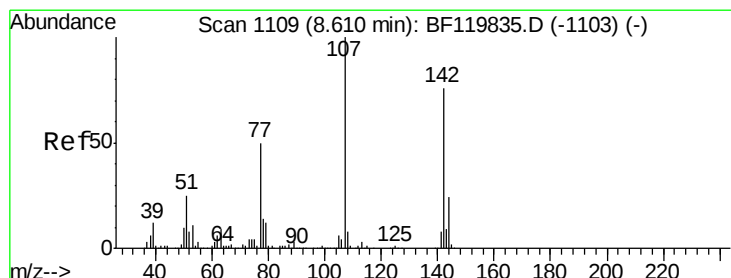
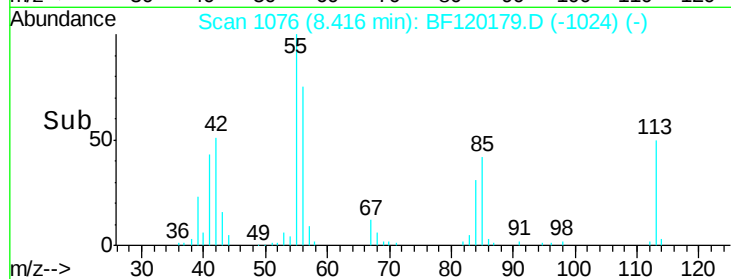
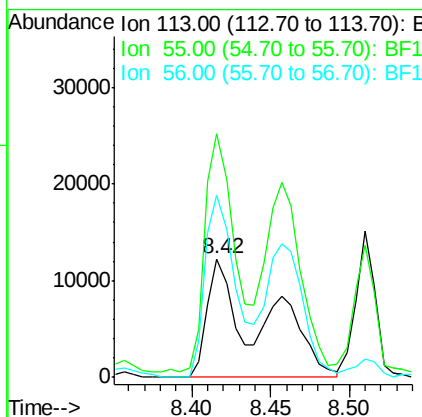
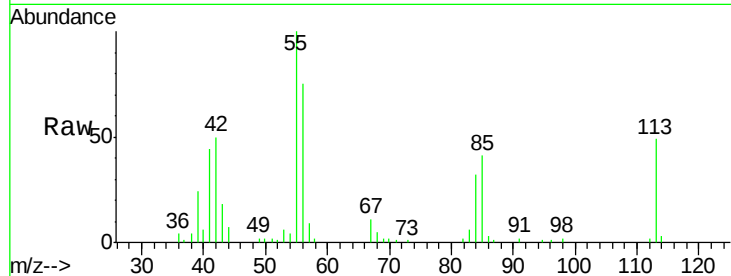
#35
 Caprolactam
 Concen: 10.94 ng m
 RT: 8.42 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion:113 Resp: 29212
 Ion Ratio Lower Upper
 113 100
 55 205.1 218.4 258.4#
 56 153.4 148.9 188.9

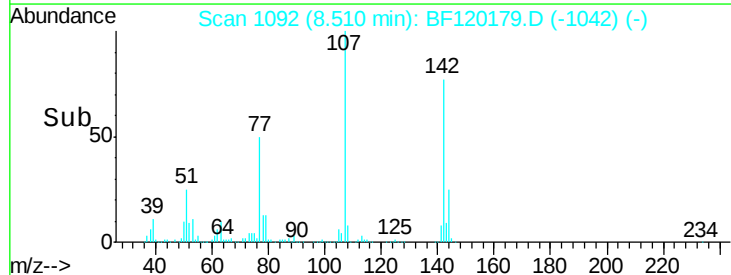
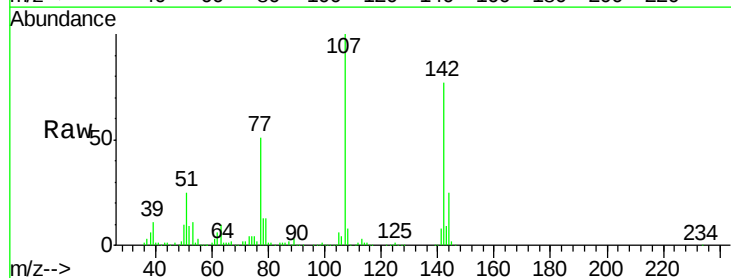
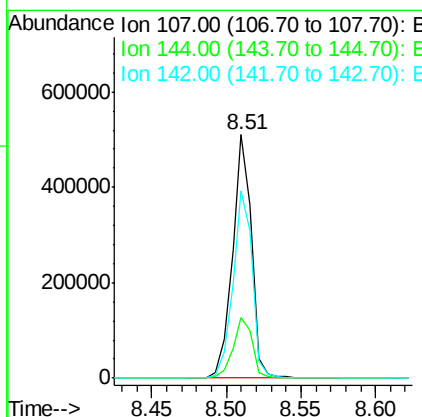
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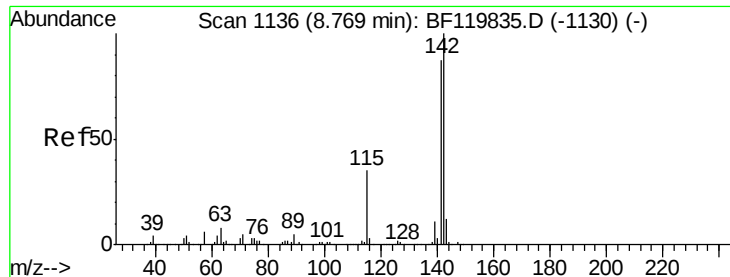
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#36
 4-Chloro-3-methylphenol
 Concen: 48.48 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion:107 Resp: 458135
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.0 31.6
 142 76.8 64.4 96.6





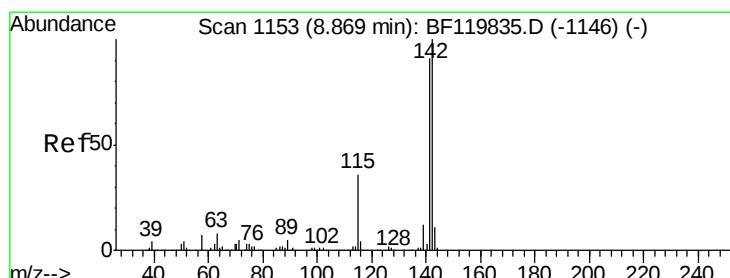
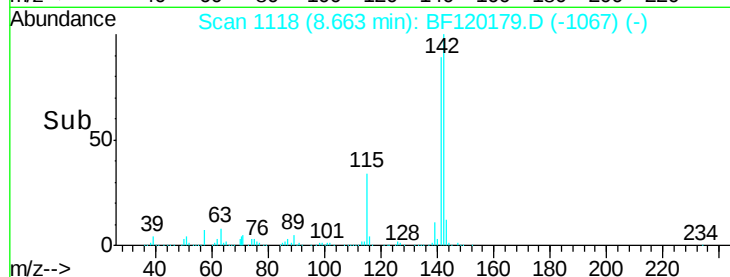
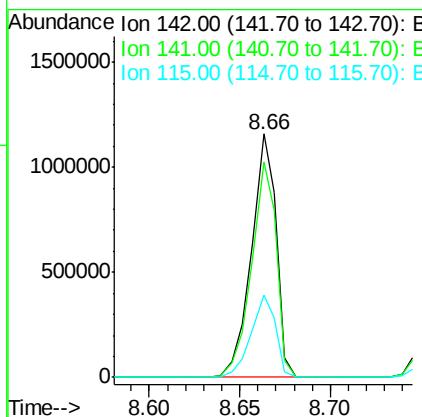
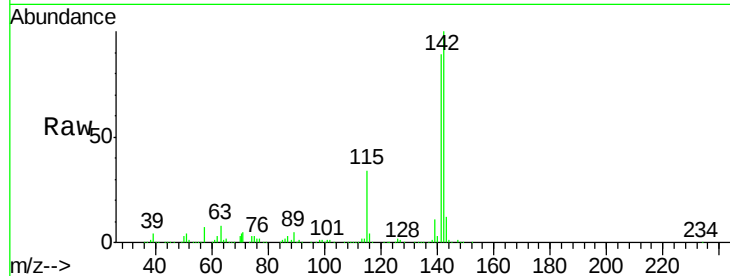
#37
2-Methylnaphthalene
Concen: 53.03 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	34.0	27.9	41.9

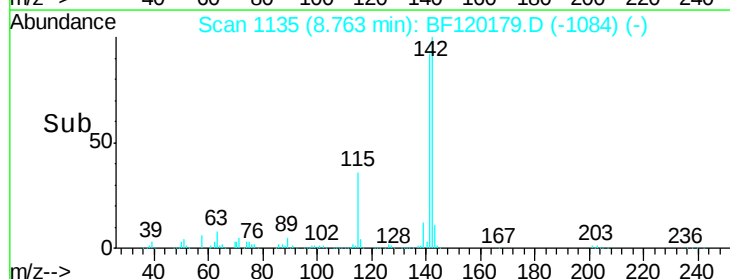
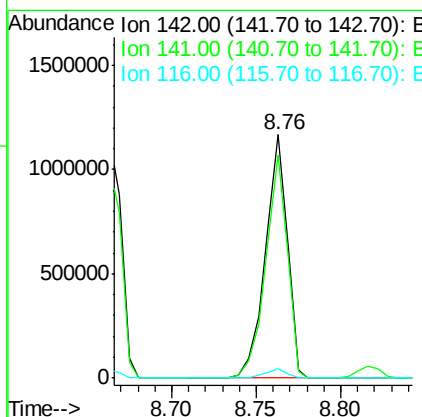
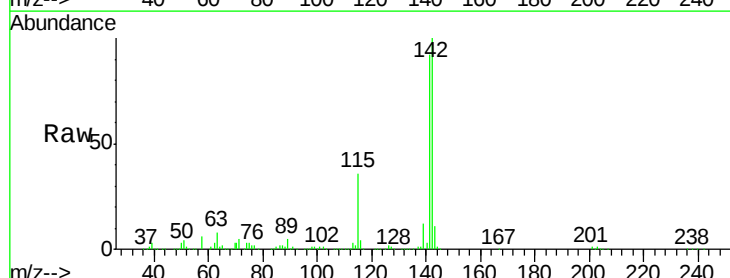
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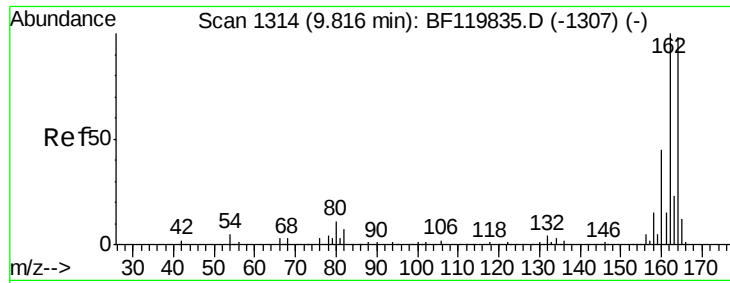
mohammad
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#38
1-Methylnaphthalene
Concen: 53.50 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF120179.D

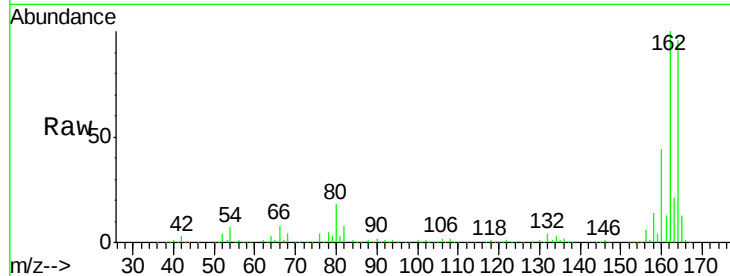
Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

ClientSampleId :

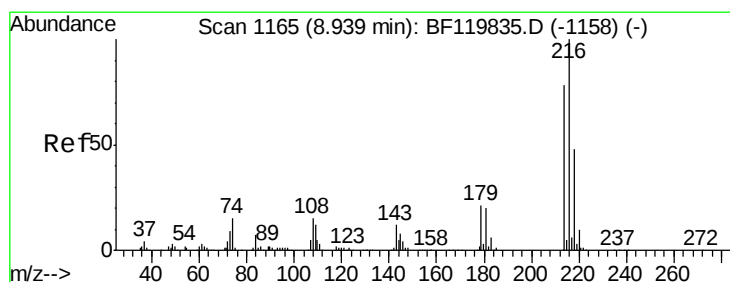
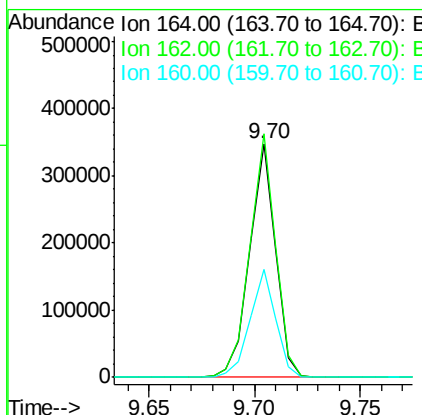
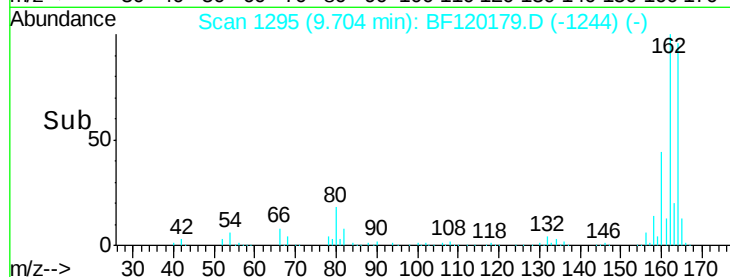
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	298503		
162	104.3	80.6	121.0	
160	46.3	35.7	53.5	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.38 ng

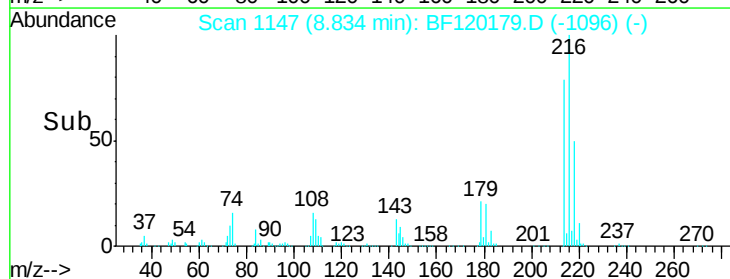
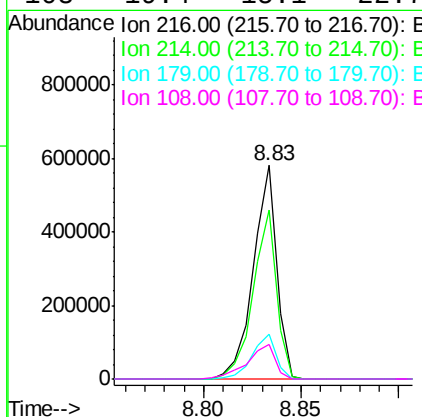
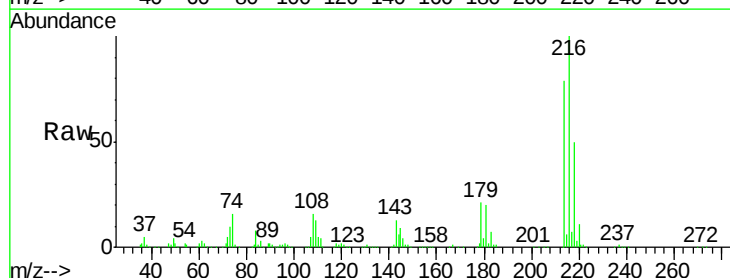
RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	484451		
214	79.4	63.2	94.8	
179	21.6	17.1	25.7	
108	19.4	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 84.04 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

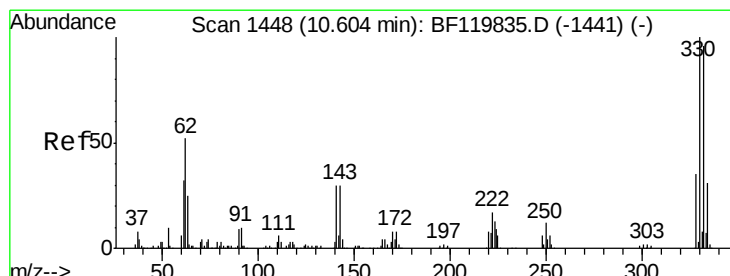
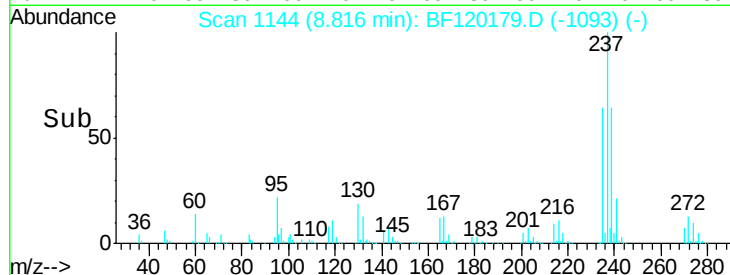
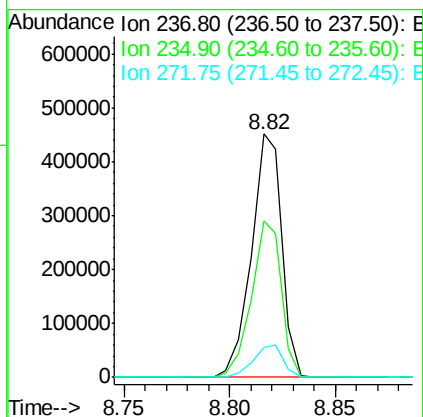
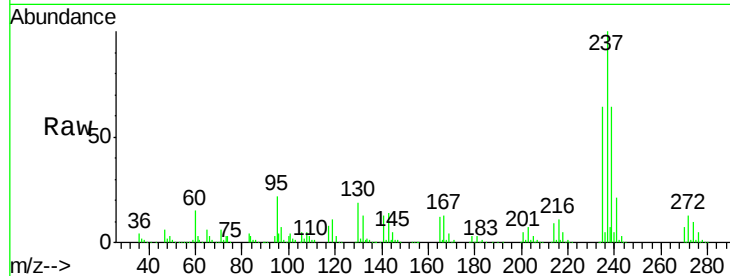
ClientSampleId :

PA-TWP-2MS

Tgt Ion:	237	Resp:	450565
Ion Ratio		Lower	Upper
237	100		
235	64.1	43.2	83.2
272	12.5	0.0	34.1

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#42

2,4,6-Tribromophenol

Concen: 131.77 ng

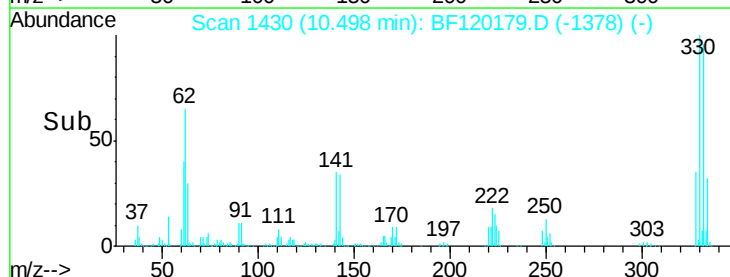
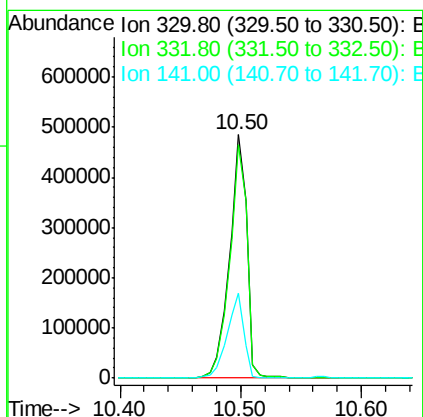
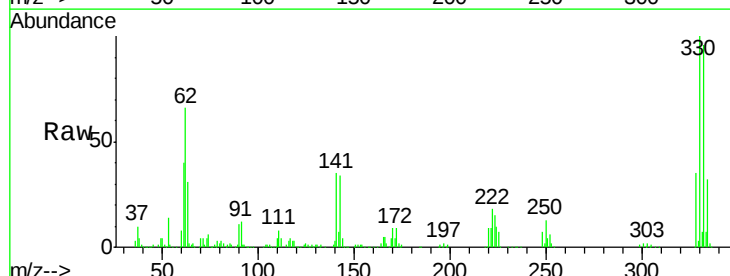
RT: 10.50 min Scan# 1430

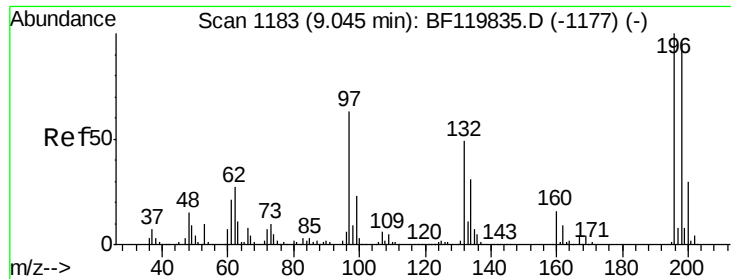
Delta R.T. 0.01 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion:	330	Resp:	481595
Ion Ratio		Lower	Upper
330	100		
332	97.0	75.7	113.5
141	33.9	25.4	38.0





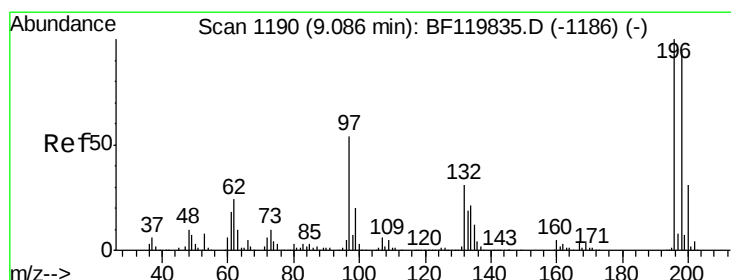
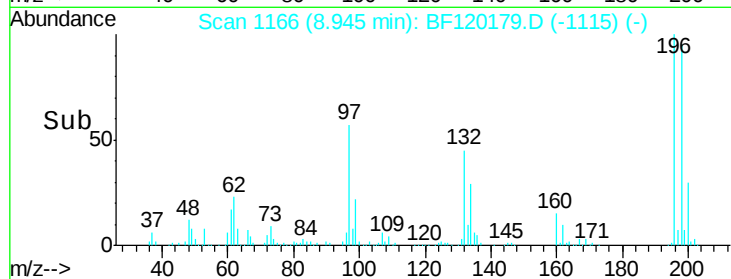
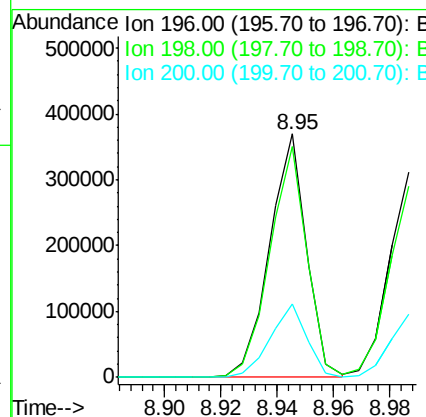
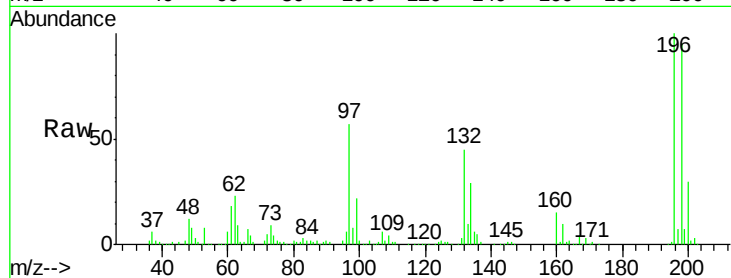
#43
 2,4,6-Trichlorophenol
 Concen: 51.17 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	333152		
198	94.8	76.6	115.0	
200	30.1	24.6	36.8	

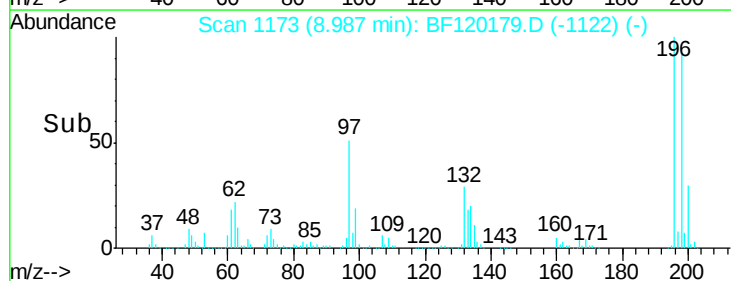
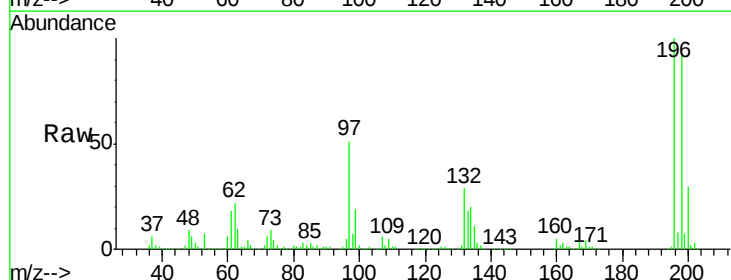
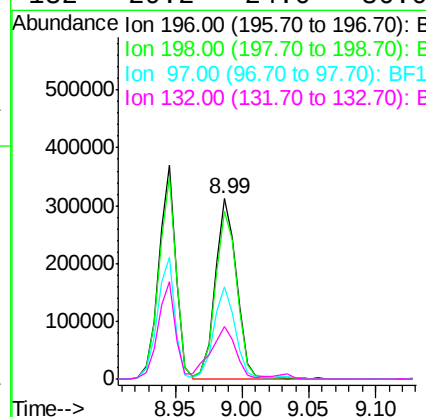
Manual Integrations
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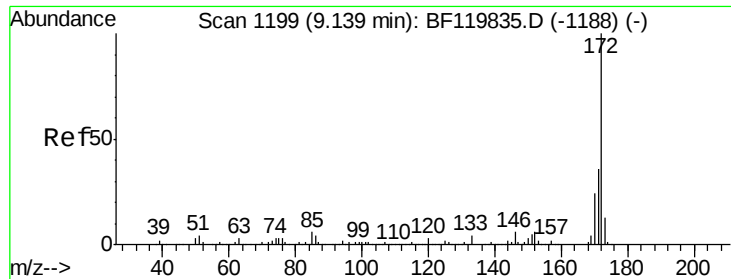
mohammad
 4/24/2020 1:34:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.92 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	351368		
198	93.2	73.8	110.8	
97	50.8	42.6	63.8	
132	29.2	24.0	36.0	





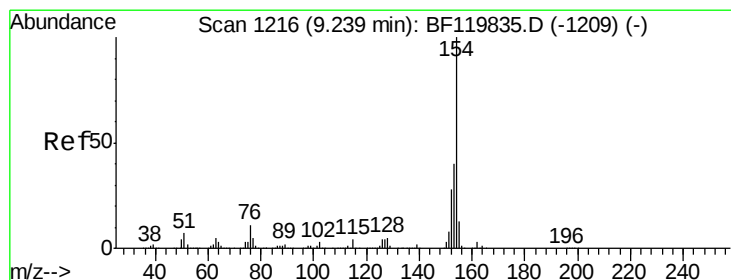
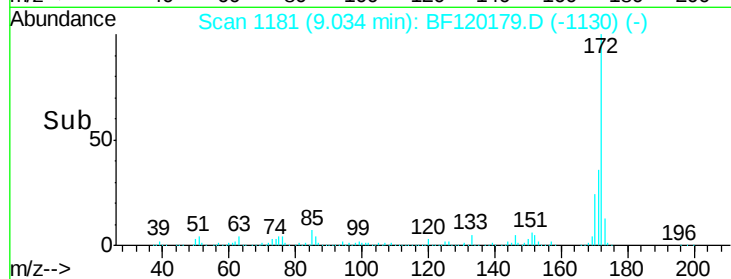
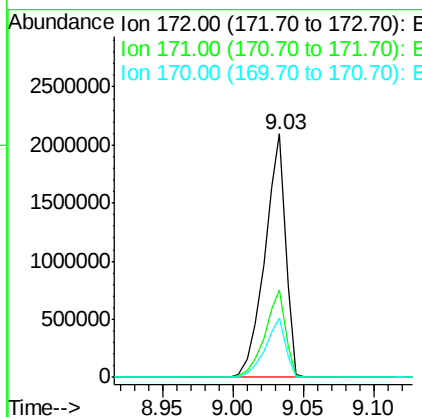
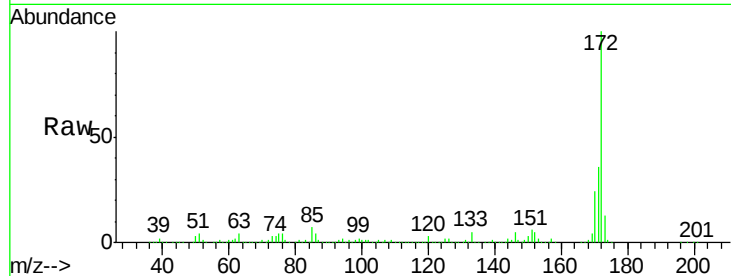
#45
2-Fluorobiphenyl
Concen: 103.62 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	20.2	30.2

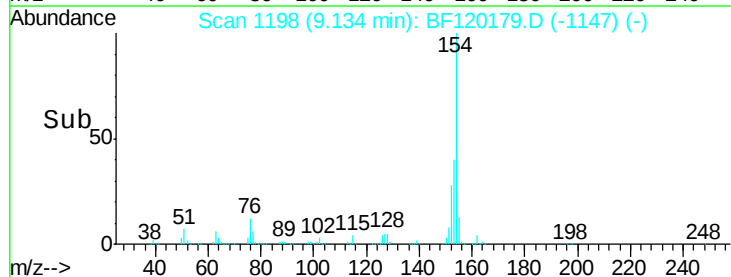
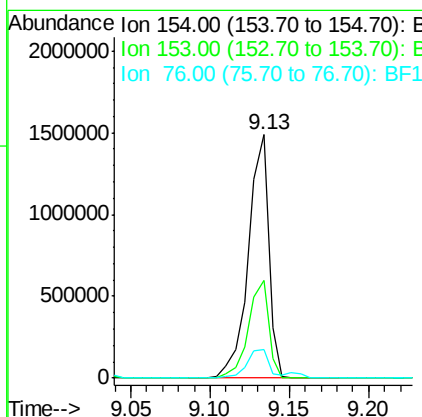
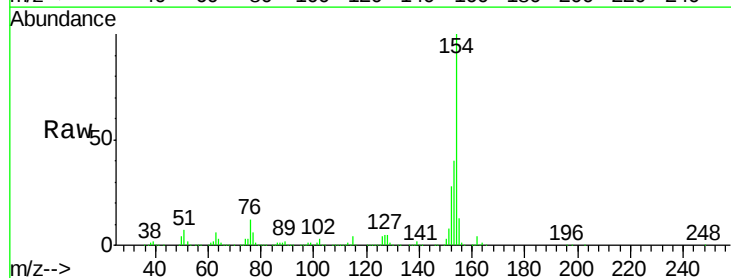
Manual Integrations
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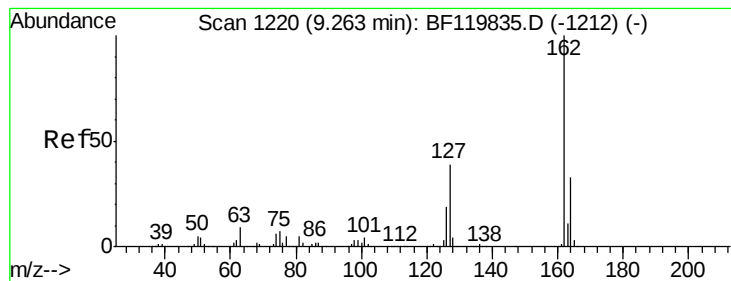
mohammad
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#46
1,1'-Biphenyl
Concen: 52.47 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.4	61.4
76	12.0	0.0	33.0





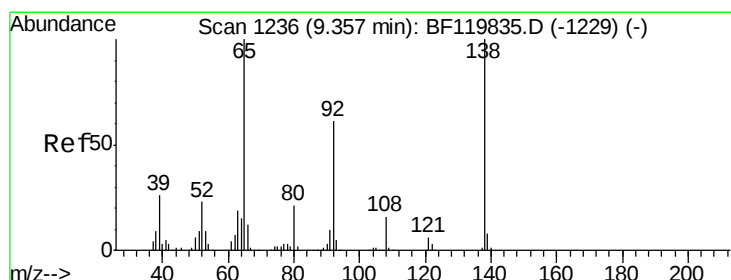
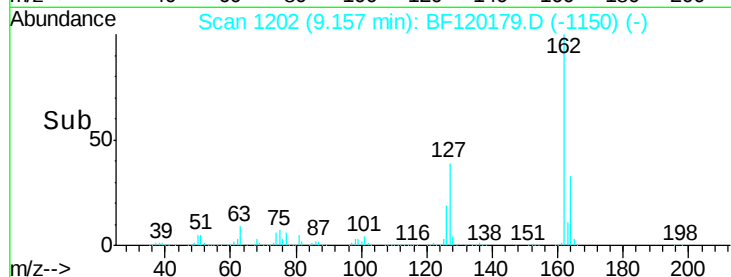
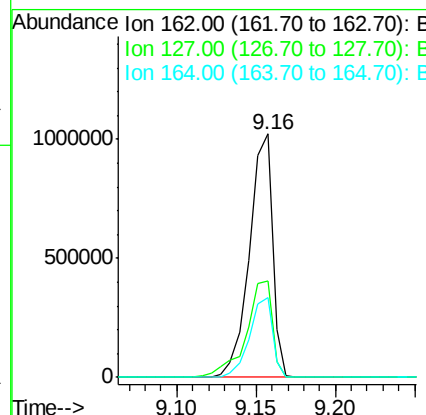
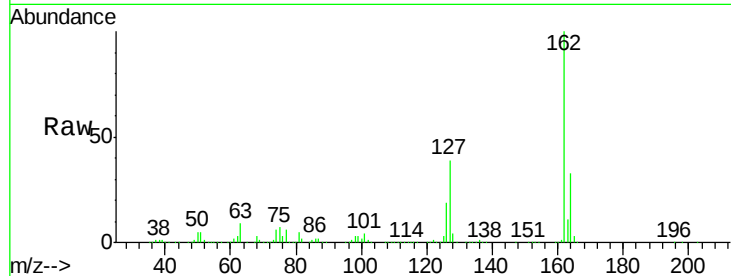
#47
 2-Chloronaphthalene
 Concen: 53.13 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.7	50.5
164	32.6	26.3	39.5

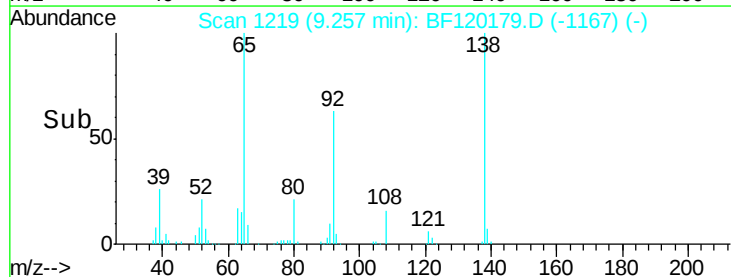
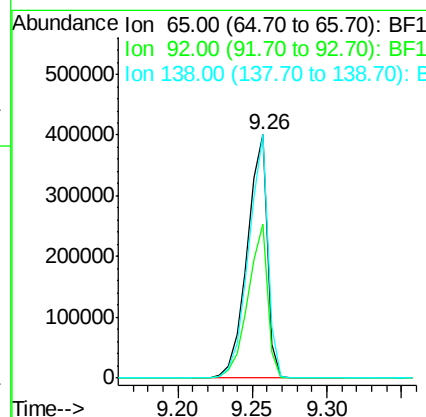
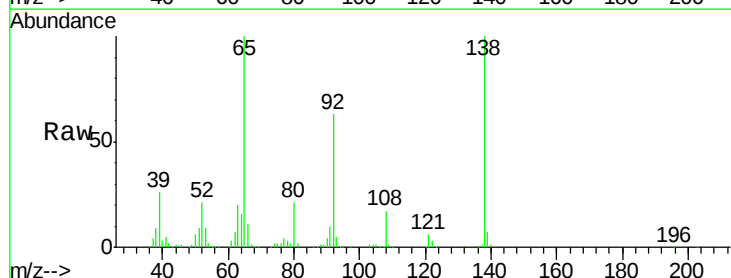
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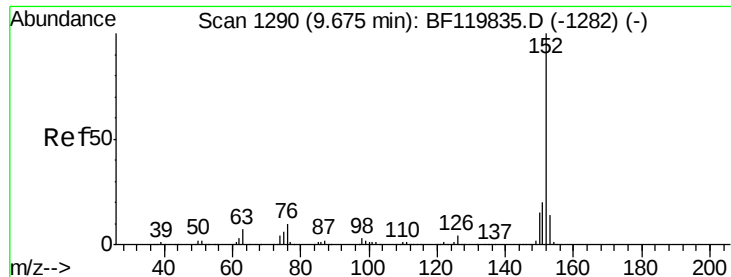
mohammad
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#48
 2-Nitroaniline
 Concen: 53.34 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	50.0	75.0
138	100.1	75.0	112.4





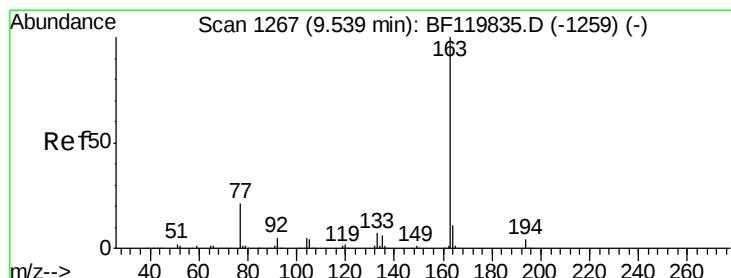
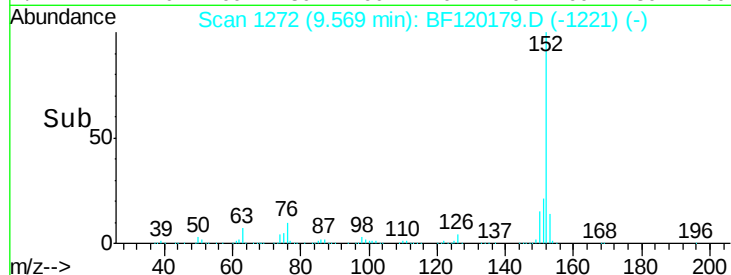
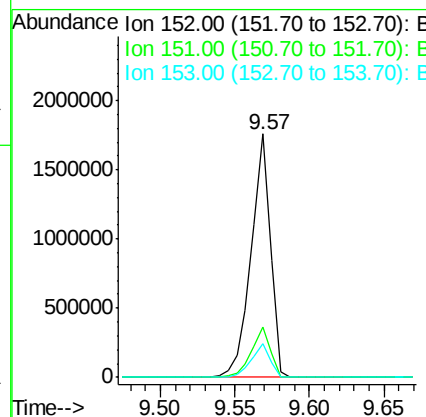
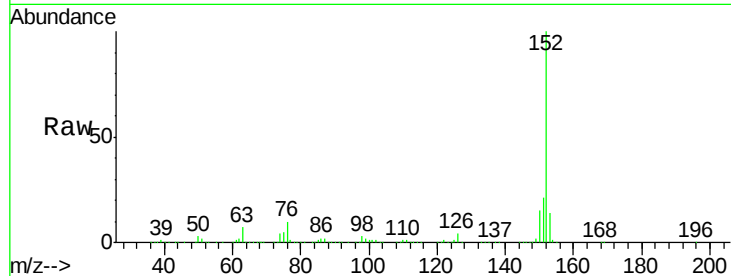
#49
Acenaphthylene
Concen: 53.28 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:152 Resp: 1572564
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.6 11.2 16.8

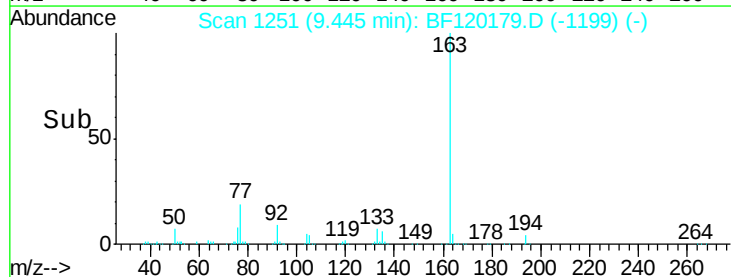
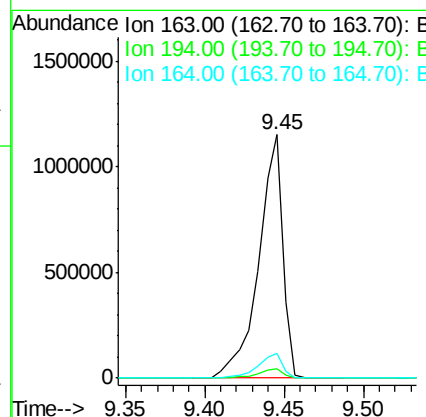
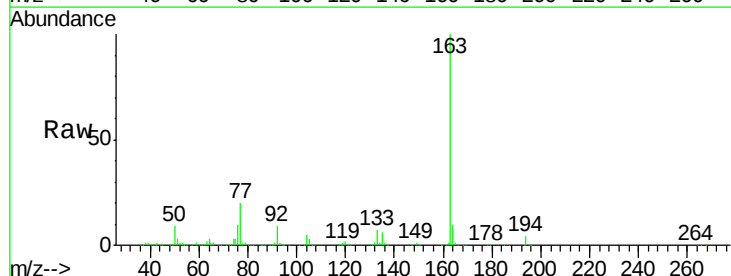
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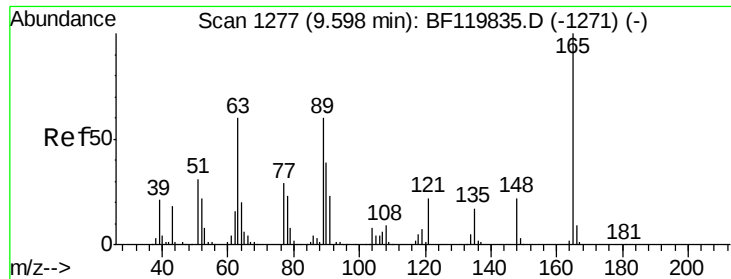
mohammad
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#50
Dimethylphthalate
Concen: 53.01 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:163 Resp: 1223862
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





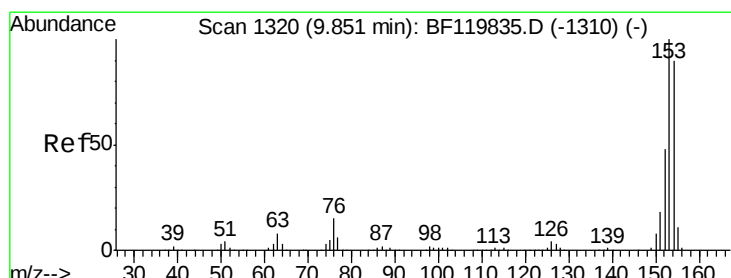
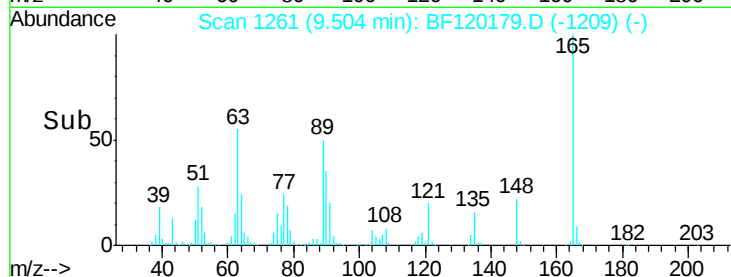
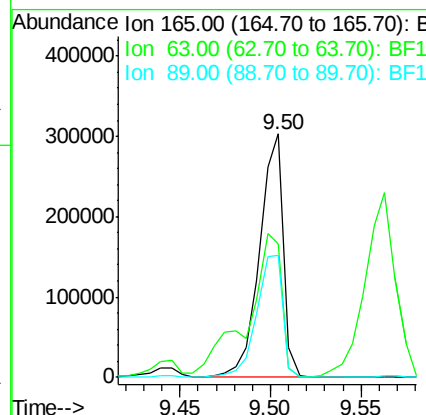
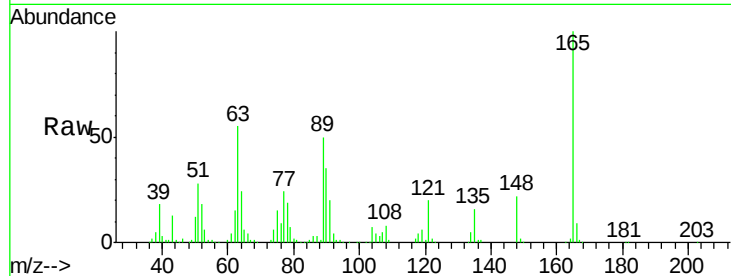
#51
 2,6-Dinitrotoluene
 Concen: 54.46 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.9	45.0	67.4
89	50.1	41.5	62.3

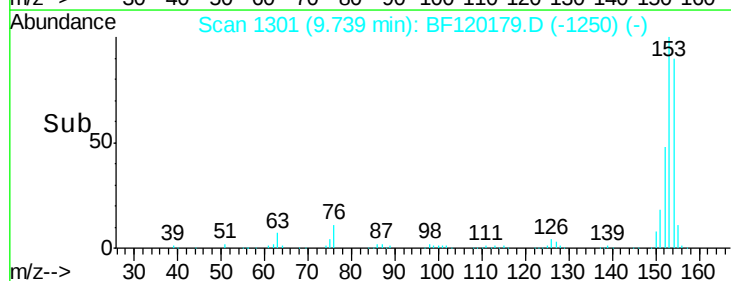
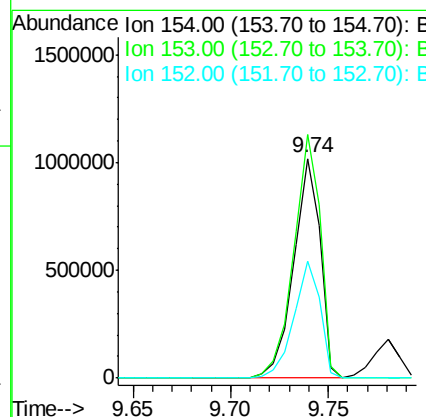
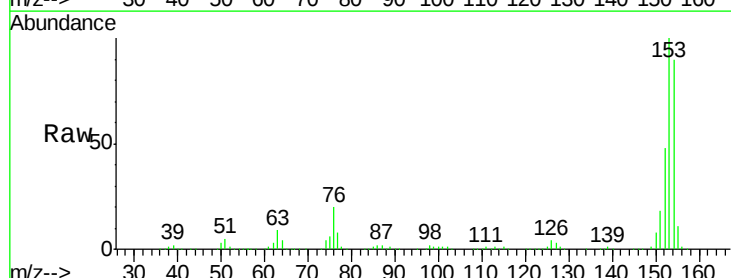
Manual Integrations
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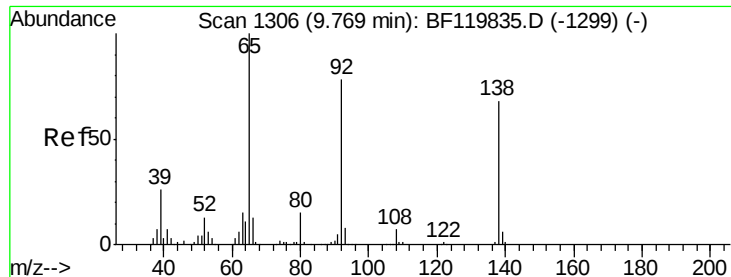
mohammad
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#52
 Acenaphthene
 Concen: 48.83 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.0	88.1	132.1
152	53.6	43.0	64.4





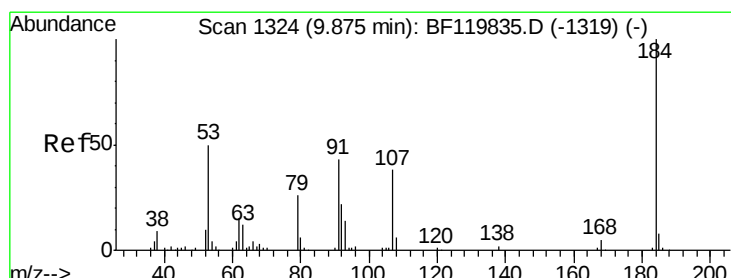
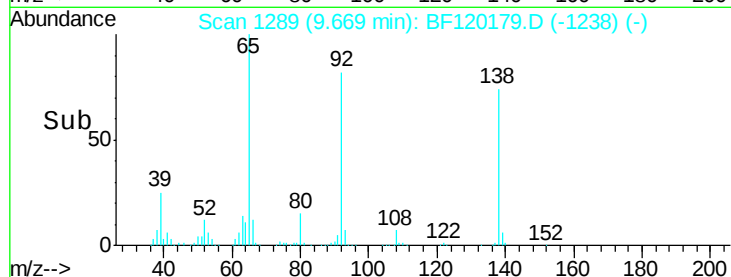
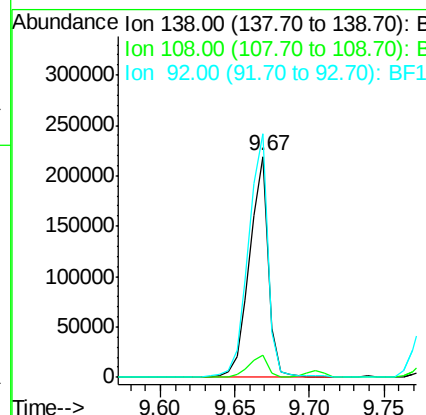
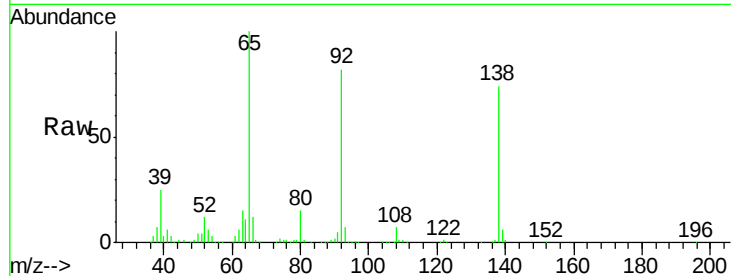
#53
3-Nitroaniline
Concen: 33.38 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	192748		
108	9.8	8.6	13.0	
92	110.2	95.4	143.0	

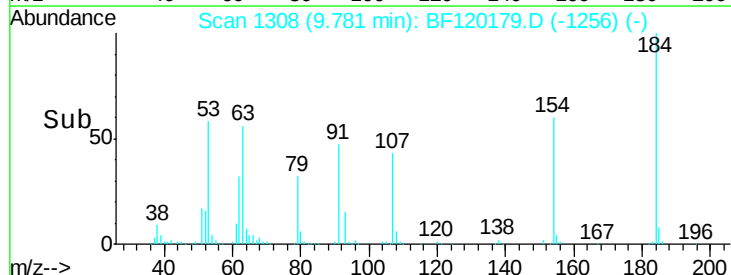
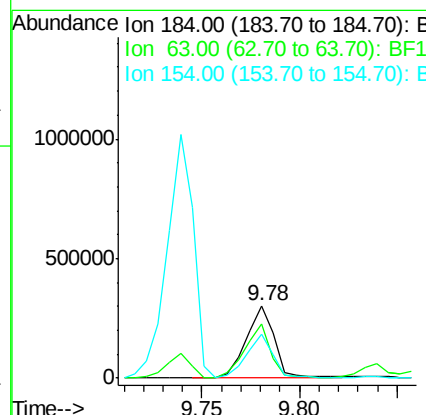
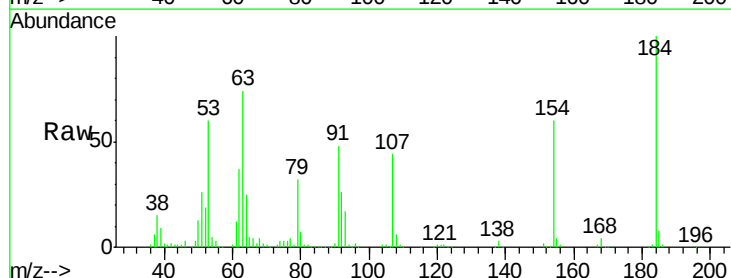
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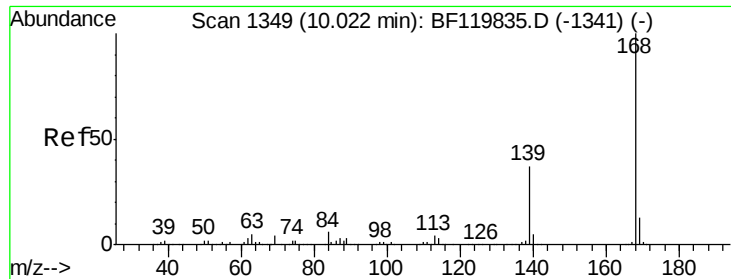
mohammad
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#54
2,4-Dinitrophenol
Concen: 99.46 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	301058		
63	74.1	50.2	75.4	
154	60.3	44.5	66.7	





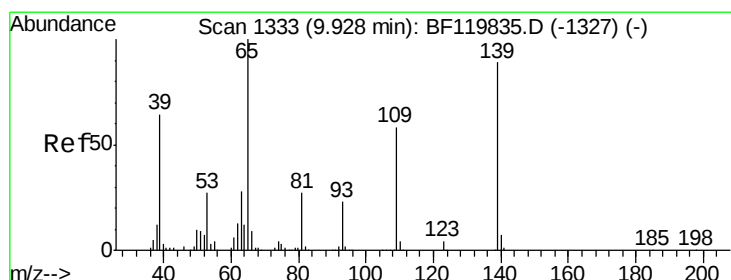
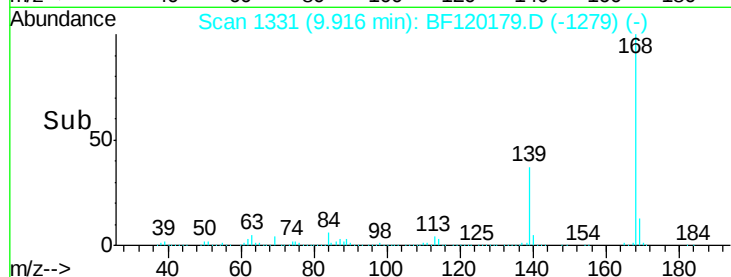
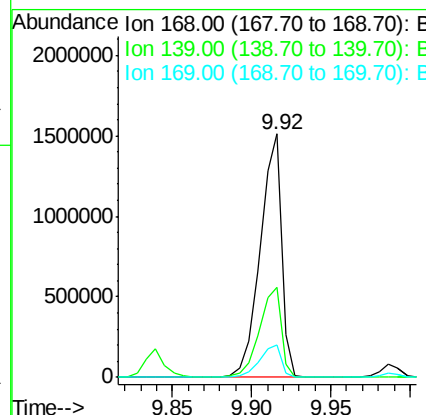
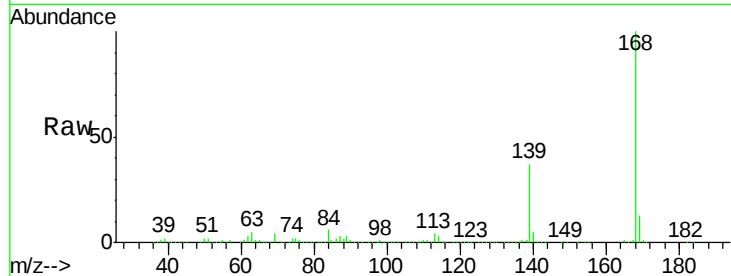
#55
Dibenzofuran
Concen: 52.68 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:168 Resp: 1423286
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.4 11.0 16.6

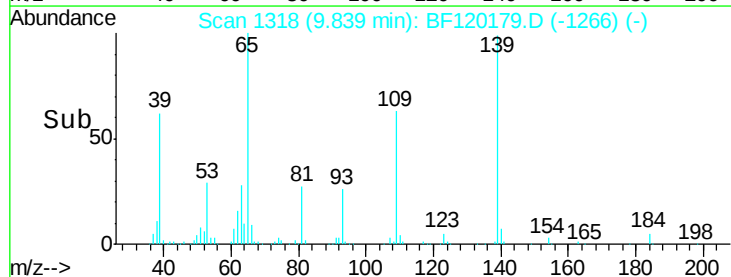
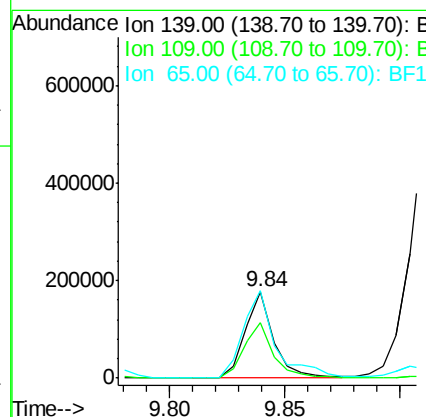
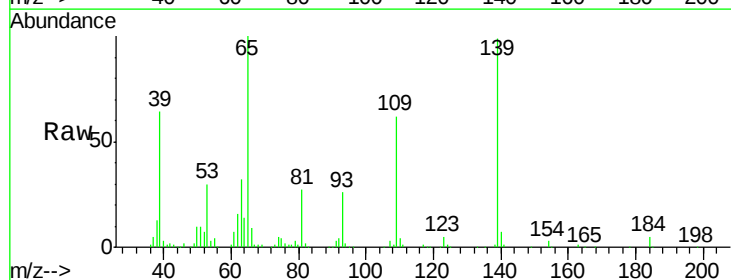
Manual Integrations
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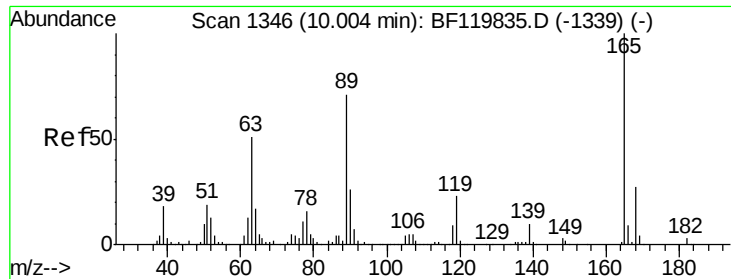
mohammad
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#56
4-Nitrophenol
Concen: 35.86 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:139 Resp: 154052
Ion Ratio Lower Upper
139 100
109 63.2 43.3 83.3
65 101.1 91.0 131.0





#57

2,4-Dinitrotoluene

Concen: 52.69 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

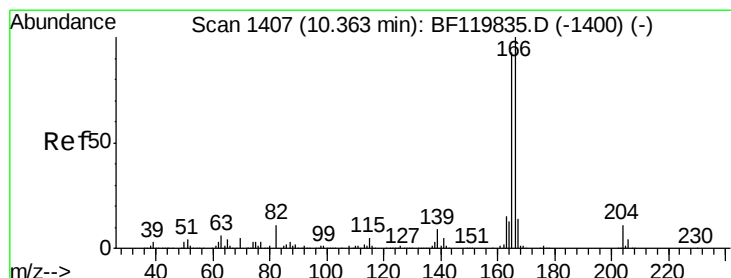
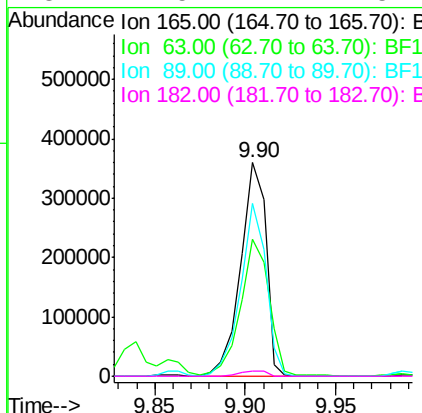
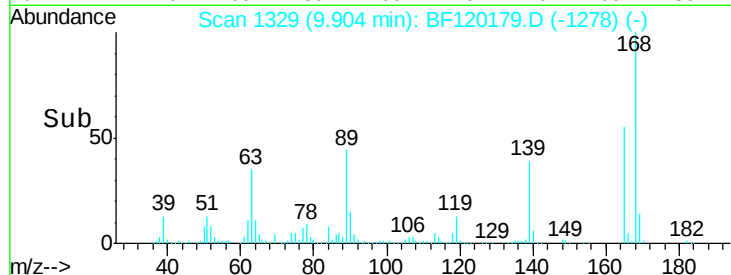
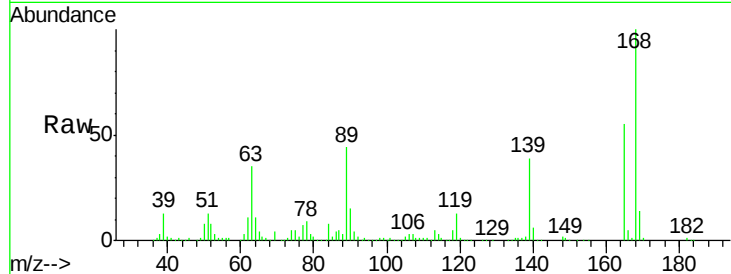
ClientSampleId :

PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	351021		
63	64.3	42.6	64.0#	
89	80.7	61.0	91.4	
182	2.5	2.2	3.2	

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#58

Fluorene

Concen: 52.51 ng

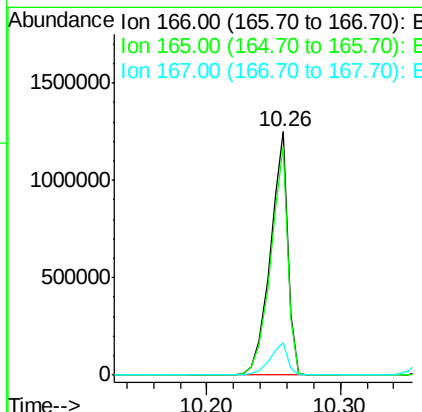
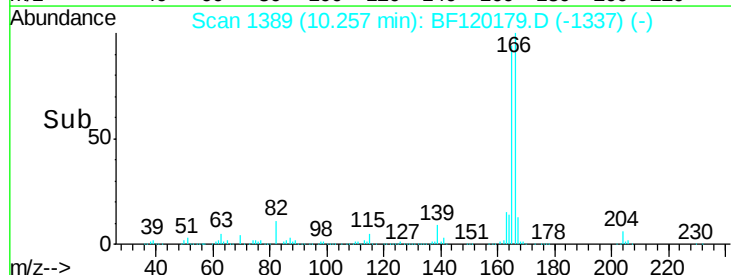
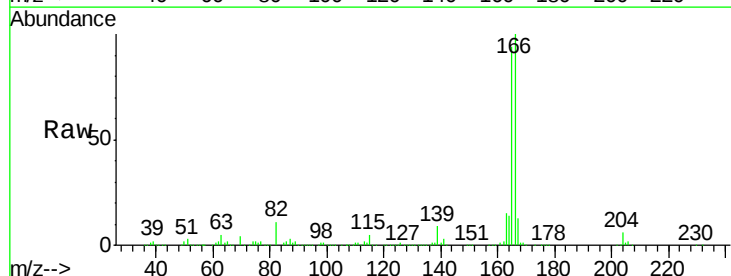
RT: 10.26 min Scan# 1389

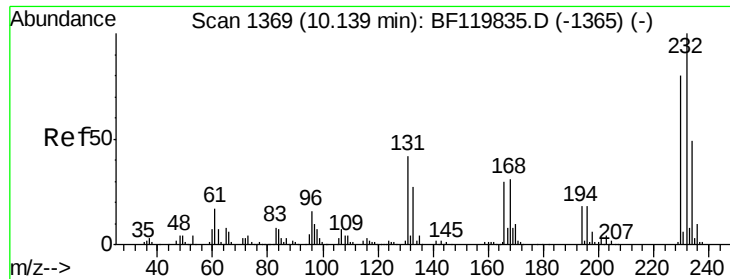
Delta R.T. 0.01 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1134801		
165	93.7	75.4	113.2	
167	13.4	11.2	16.8	





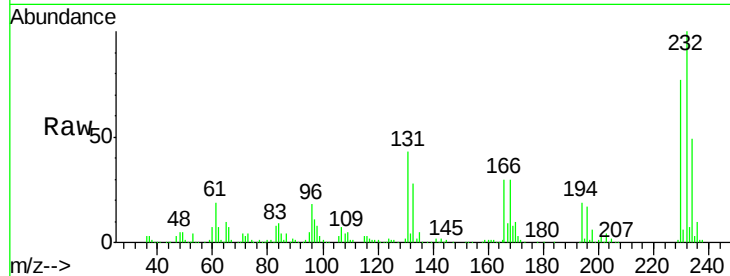
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.32 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

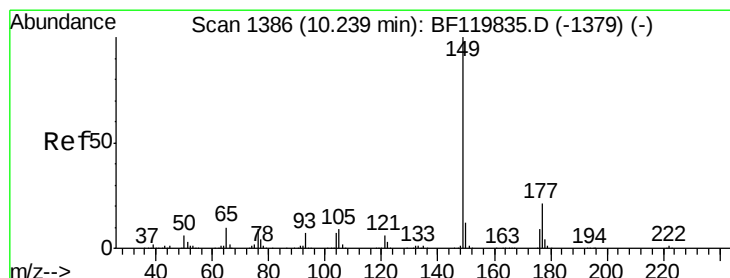
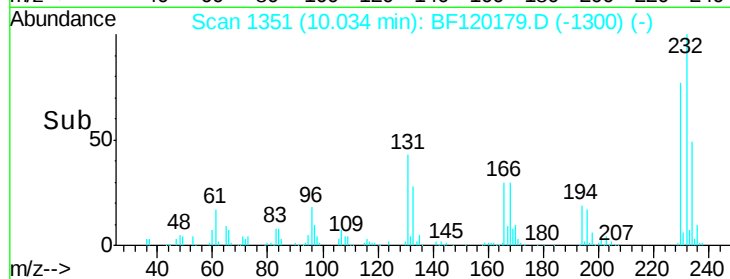
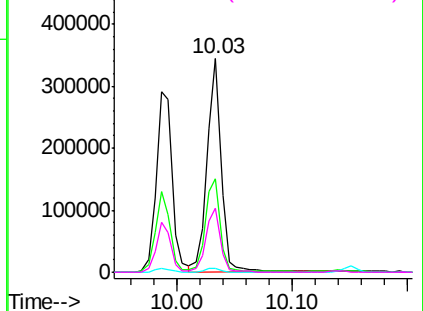
Tgt Ion:	232	Resp:	293416
Ion Ratio	Lower	Upper	
232	100		
131	46.3	37.5	56.3
130	2.2	1.8	2.6
166	31.1	24.6	36.8

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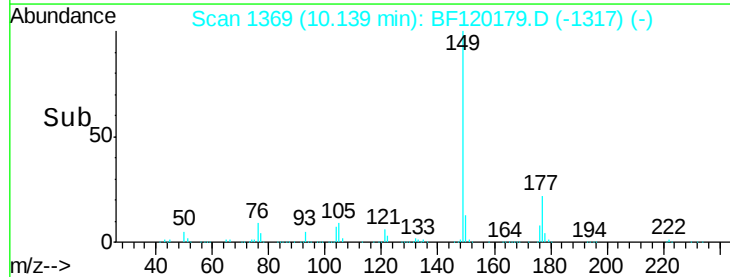
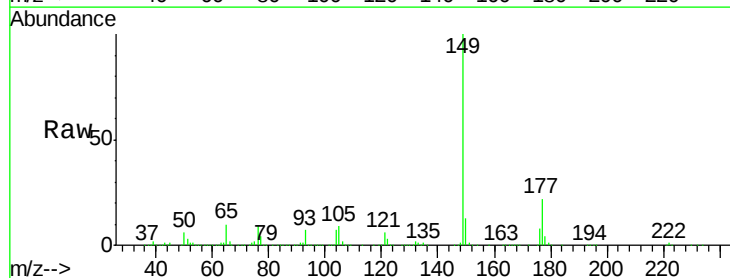
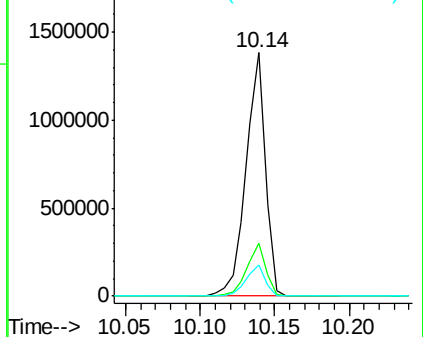
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

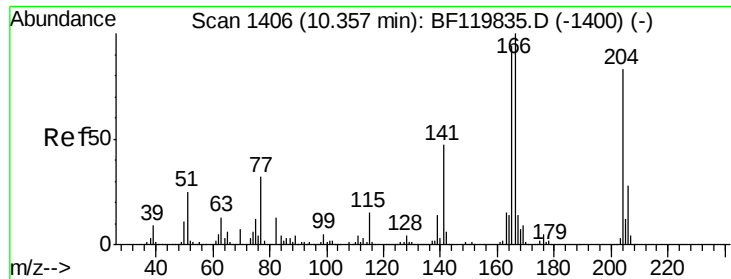


#60
 Diethylphthalate
 Concen: 51.98 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion:	149	Resp:	1243867
Ion Ratio	Lower	Upper	
149	100		
177	21.5	17.0	25.6
150	12.6	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





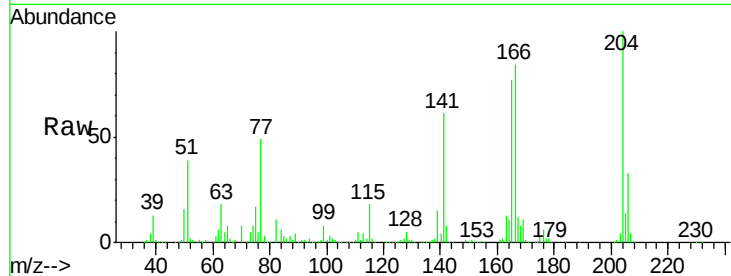
#61
 4-Chlorophenyl-phenylether
 Concen: 48.92 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

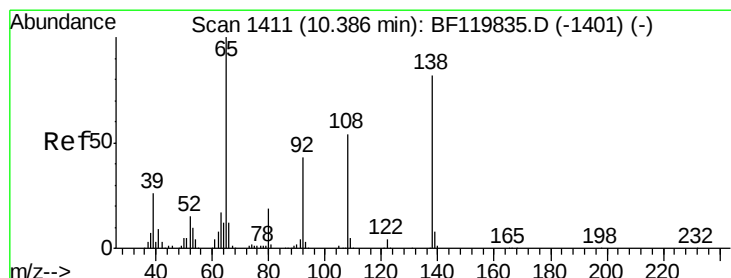
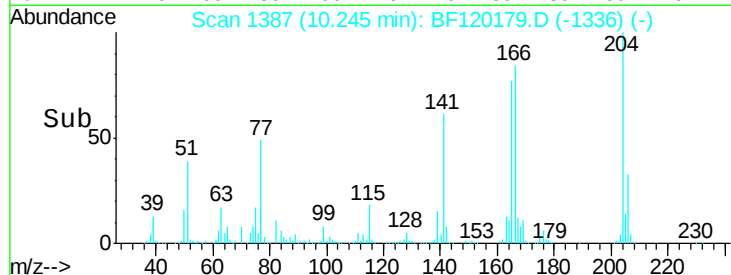
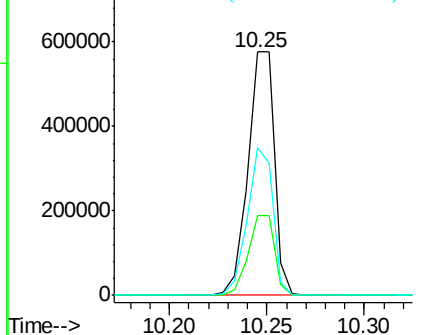
Tgt Ion:	204	Resp:	541848
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	60.7	47.3	70.9

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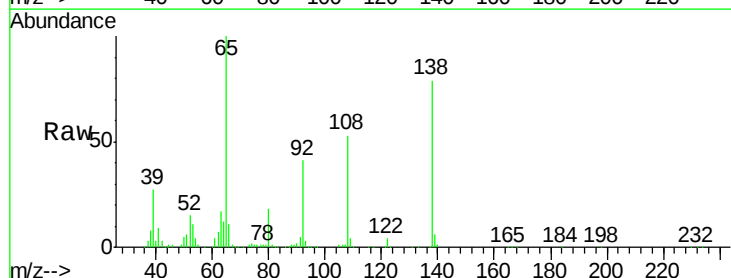


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

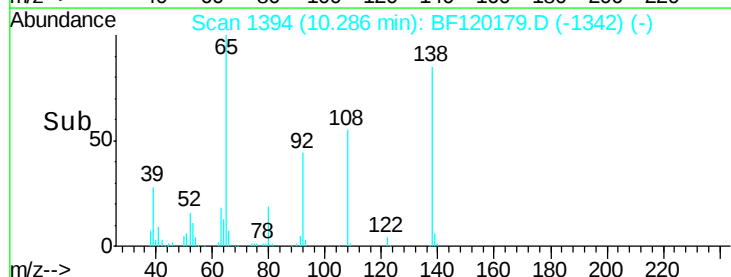
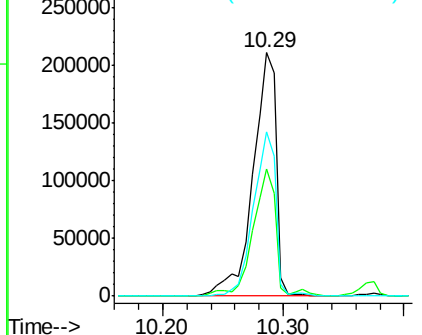


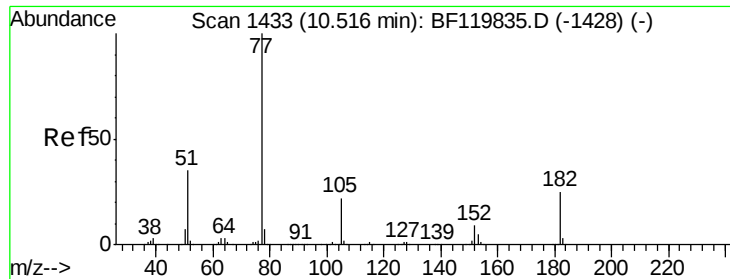
#62
 4-Nitroaniline
 Concen: 51.43 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion:	138	Resp:	283031
Ion Ratio	Lower	Upper	
138	100		
92	52.0	31.5	71.5
108	67.3	45.8	85.8



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





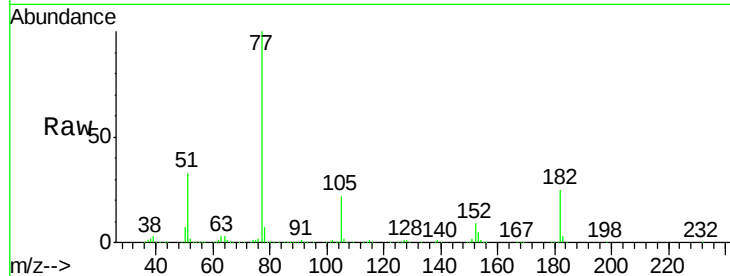
#63
Azobenzene
Concen: 55.13 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

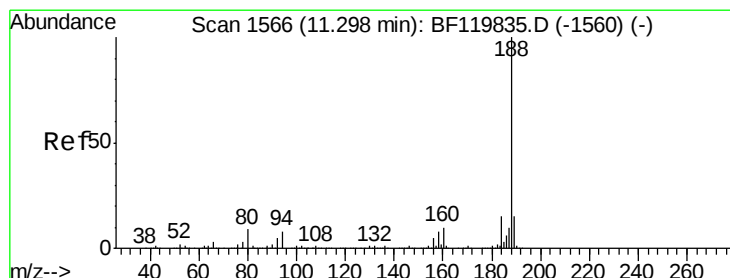
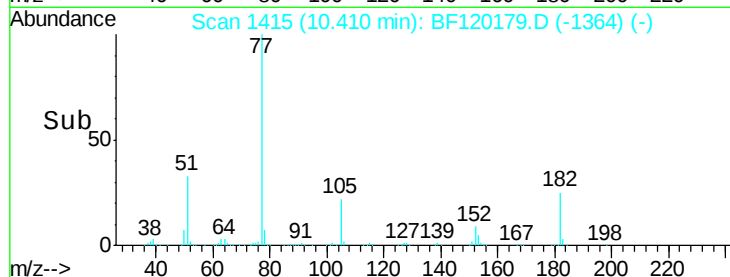
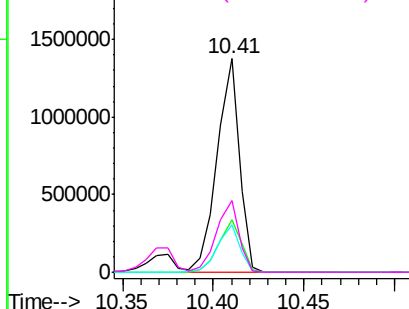
Tgt Ion: 77 Resp: 1182206
Ion Ratio Lower Upper
77 100
182 24.7 4.4 44.4
105 22.1 2.6 42.6
51 33.4 15.1 55.1

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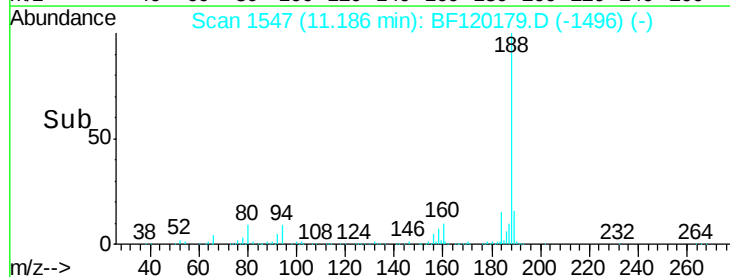
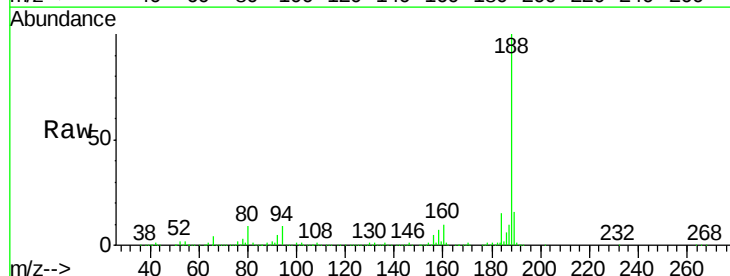
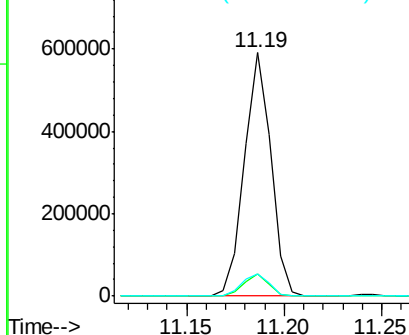
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

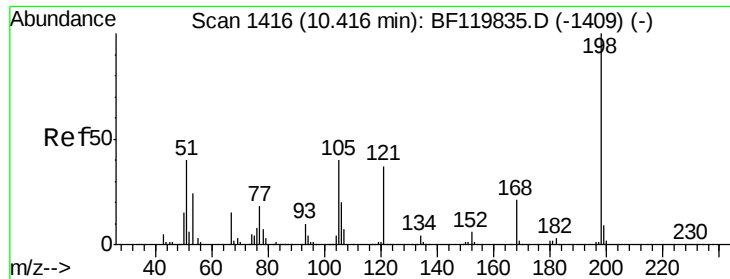


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion: 188 Resp: 559927
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.2 9.0 13.4

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





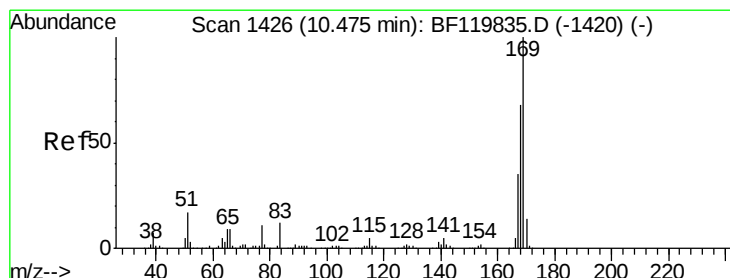
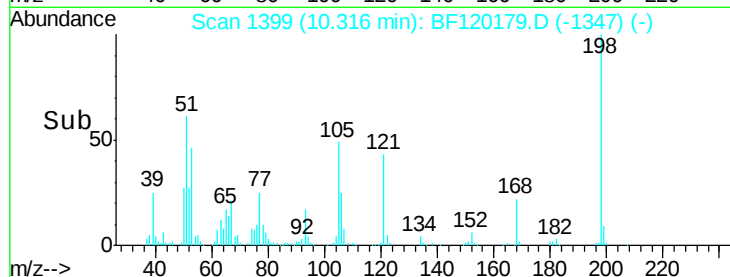
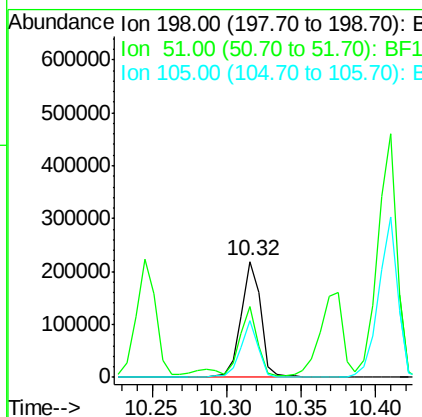
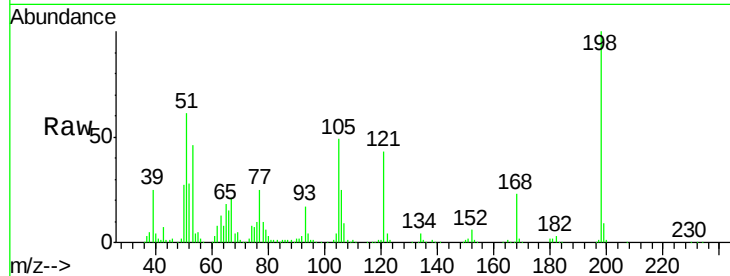
#65
4,6-Dinitro-2-methylphenol
Concen: 54.68 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	201718		
51	61.1	29.0	69.0	
105	49.2	22.2	62.2	

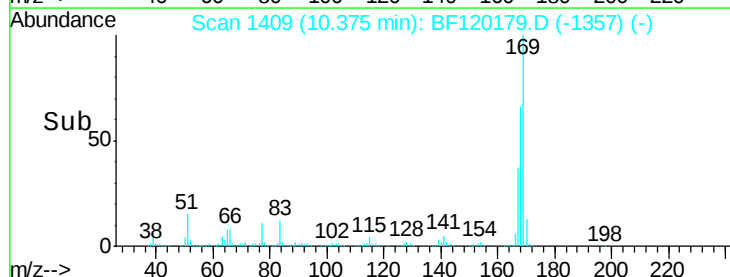
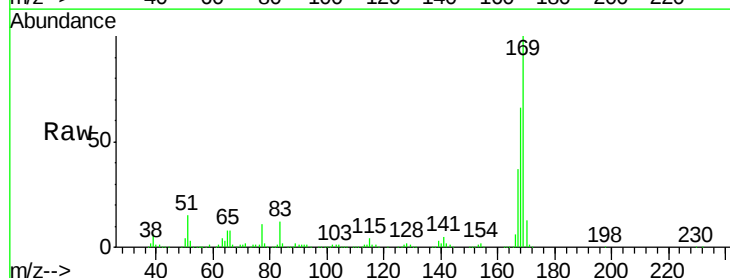
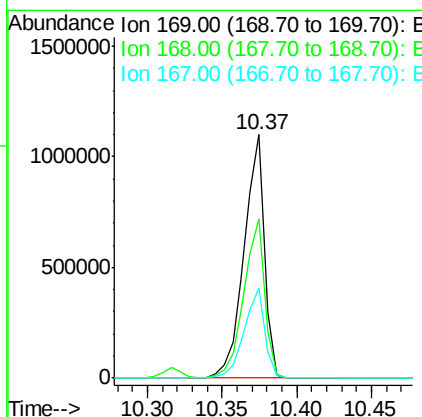
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#66
n-Nitrosodiphenylamine
Concen: 55.96 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1042057		
168	65.6	53.2	79.8	
167	36.8	29.1	43.7	





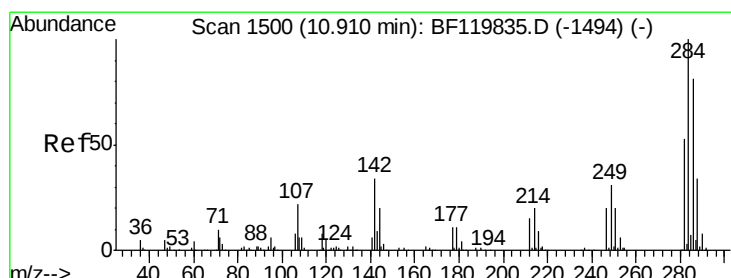
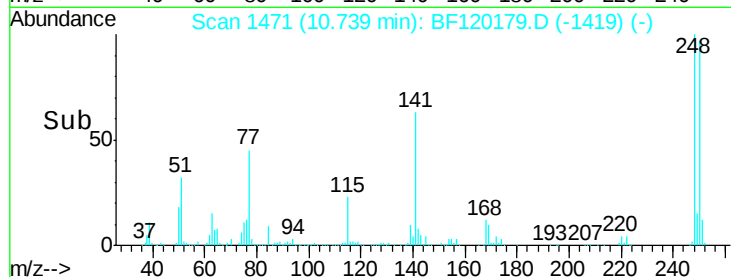
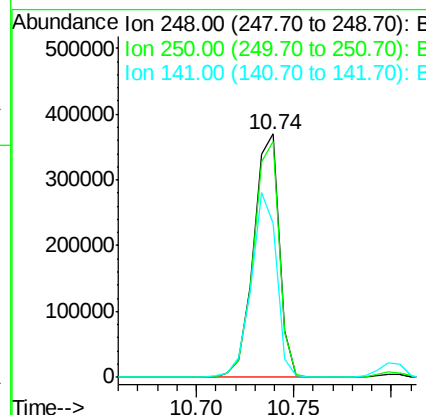
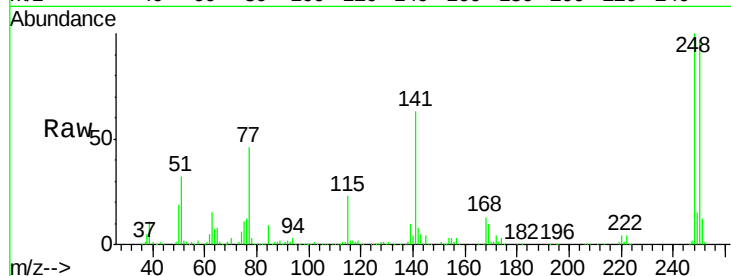
#67
 4-Bromophenyl-phenylether
 Concen: 48.26 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.3	115.9
141	63.4	58.6	87.8

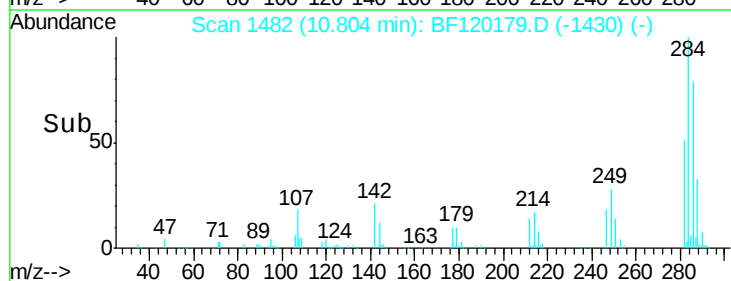
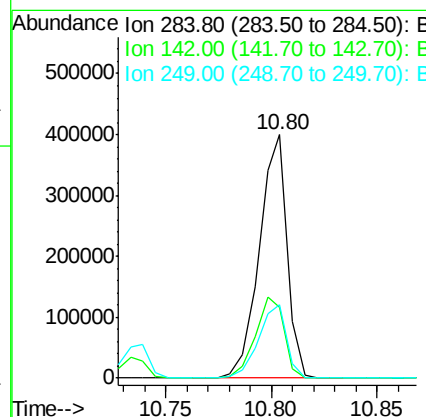
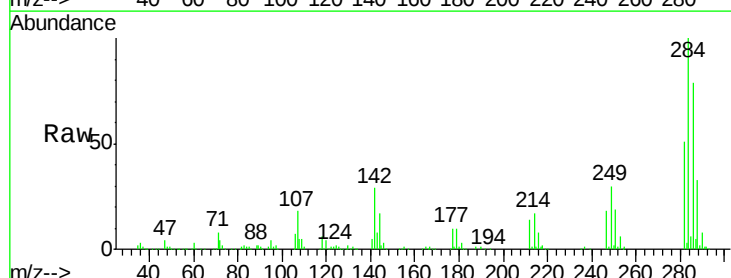
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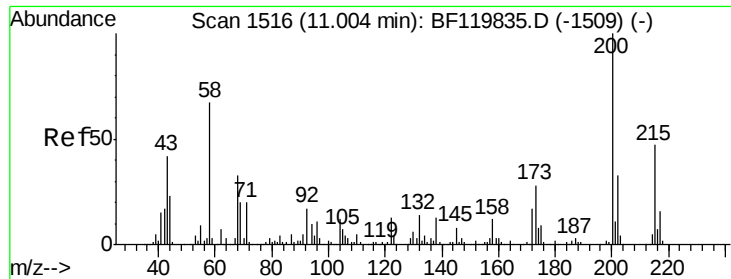
mohammad
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#68
 Hexachlorobenzene
 Concen: 51.77 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	29.2	43.8#
249	30.0	25.1	37.7





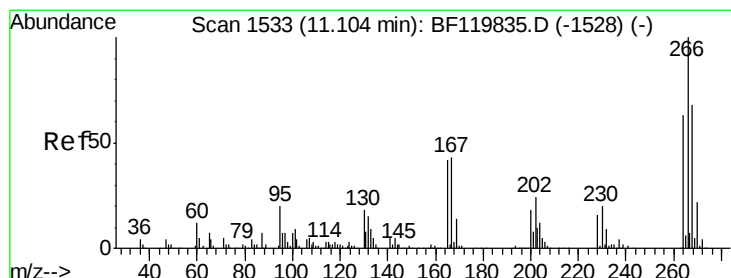
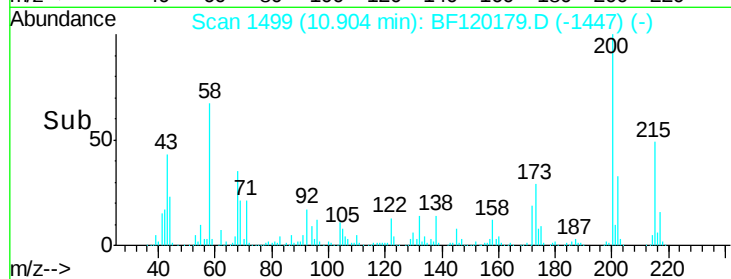
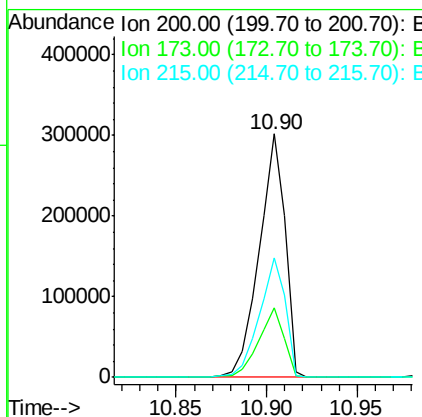
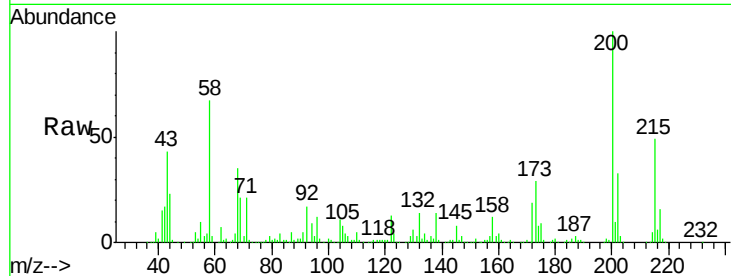
#69
Atrazine
Concen: 57.91 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	9.3	49.3
215	49.0	29.5	69.5

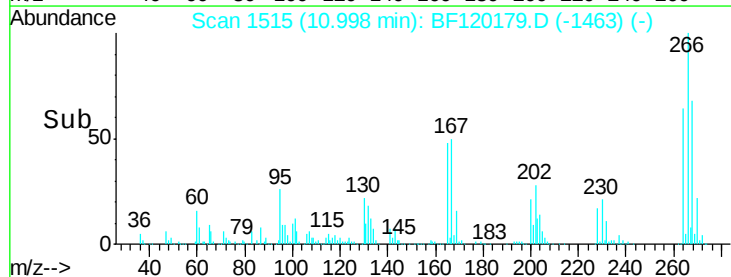
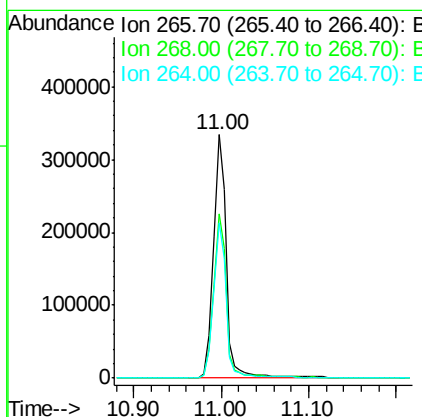
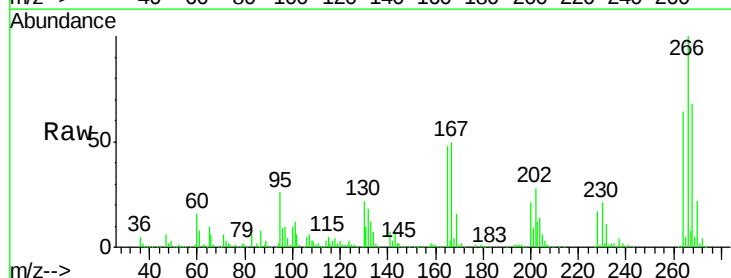
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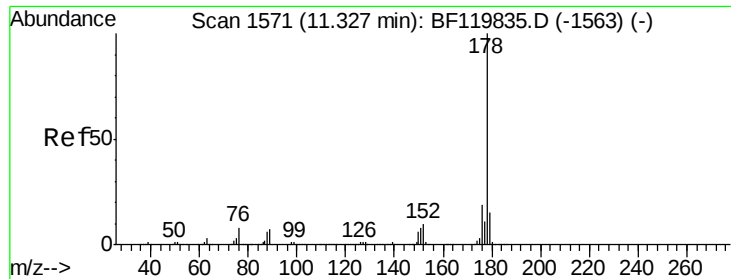
mohammad
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#70
Pentachlorophenol
Concen: 84.93 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.6	53.3	79.9
264	63.8	49.0	73.4





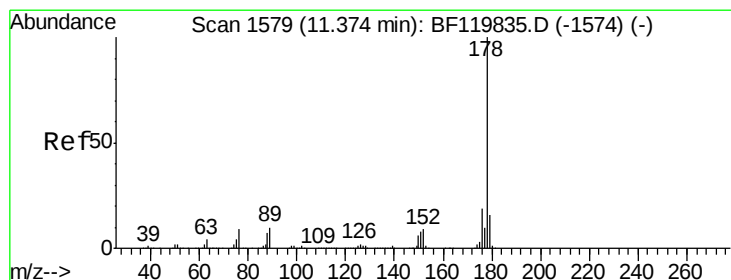
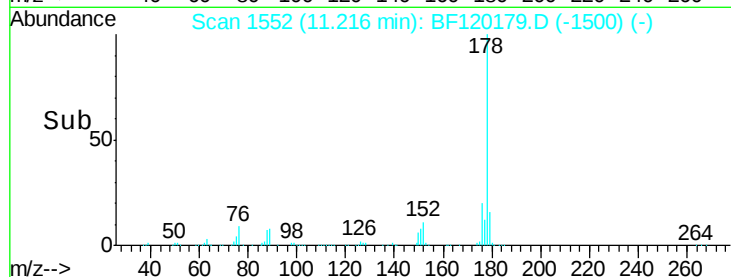
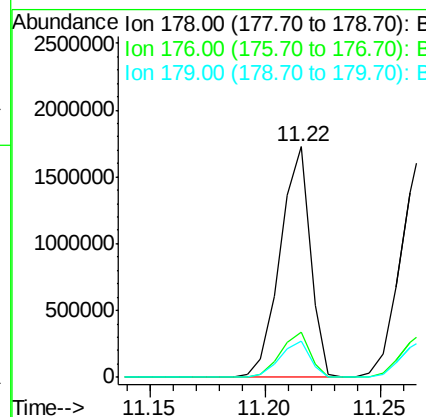
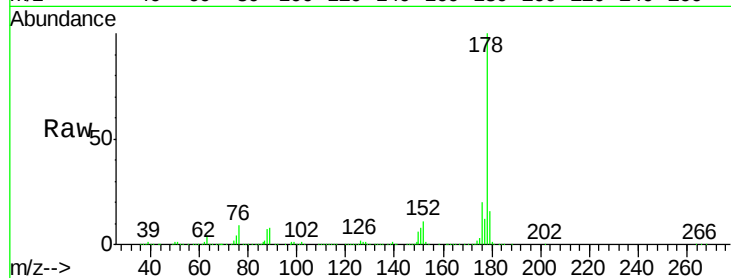
#71
Phenanthrene
Concen: 52.42 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:178 Resp: 1562056
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.8 13.2 19.8

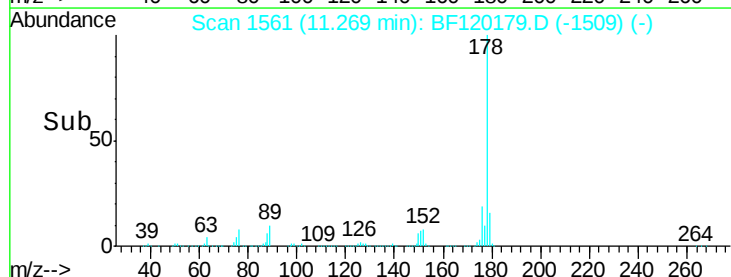
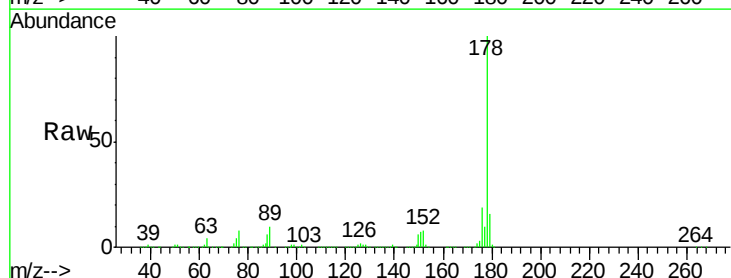
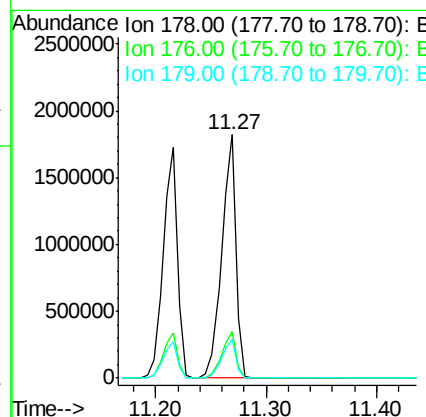
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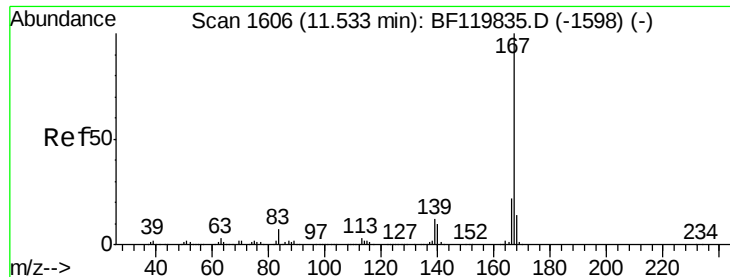
mohammad
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#72
Anthracene
Concen: 52.99 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:178 Resp: 1613010
Ion Ratio Lower Upper
178 100
176 19.0 16.1 24.1
179 15.8 13.0 19.4





#73

Carbazole

Concen: 53.93 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2MS

Tgt Ion:167 Resp: 1552419

Ion Ratio Lower Upper

167 100

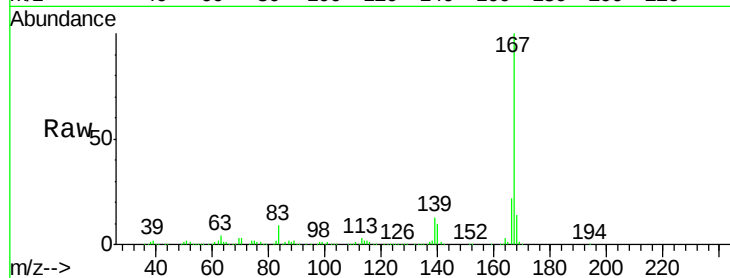
166 21.7 18.2 27.4

139 13.2 10.7 16.1

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.42

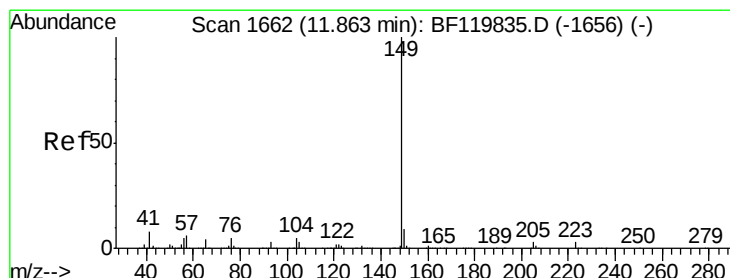
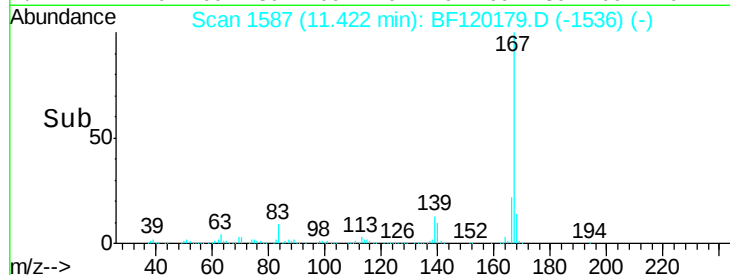
1500000

1000000

500000

0

Time-->



#74

Di-n-butylphthalate

Concen: 49.46 ng

RT: 11.76 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

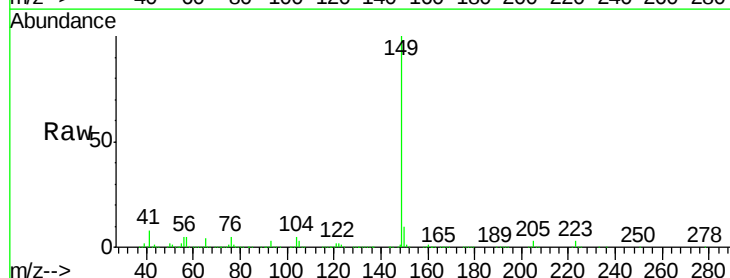
Tgt Ion:149 Resp: 1871960

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

104 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.76

2500000

2000000

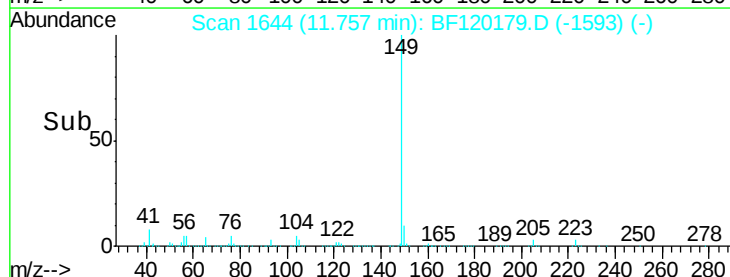
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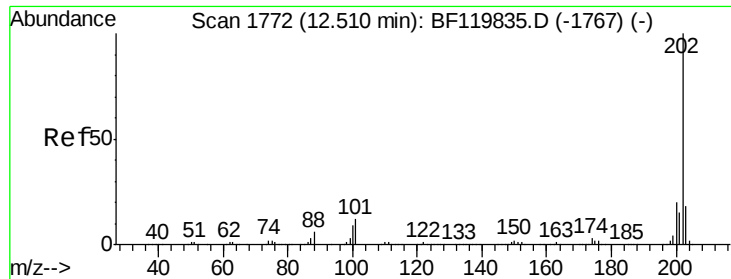
1000000

500000

0

Time-->





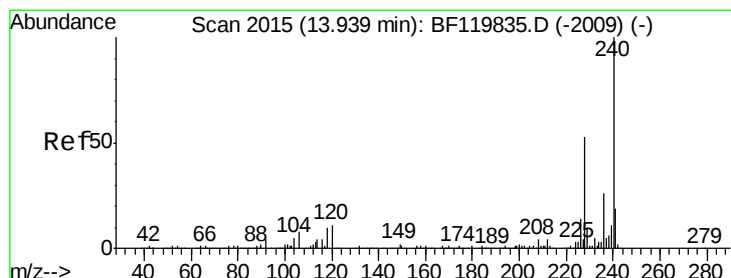
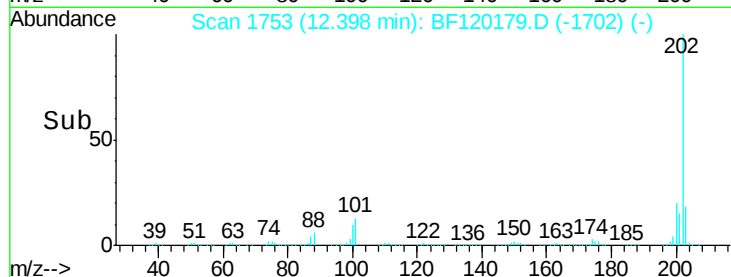
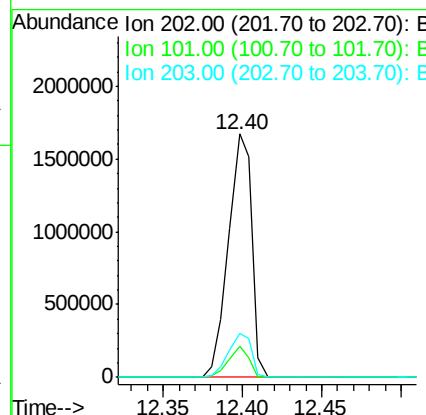
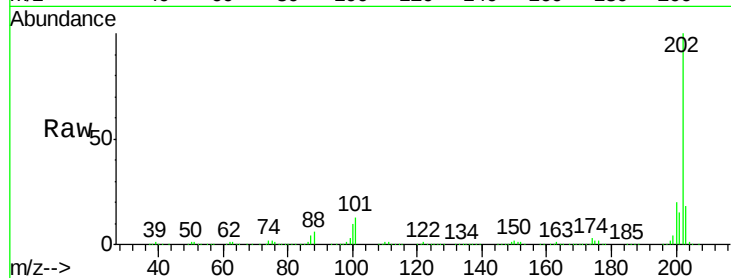
#75
 Fluoranthene
 Concen: 53.16 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.2
203	18.2	0.0	38.8

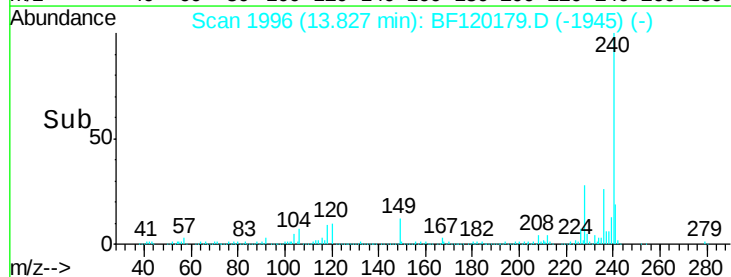
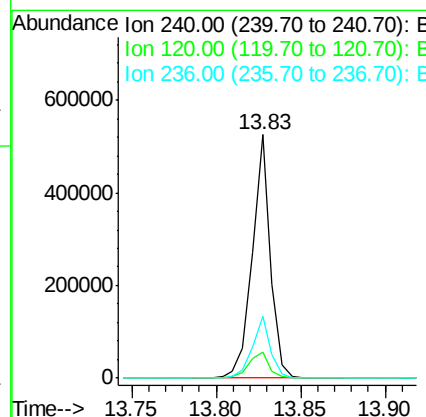
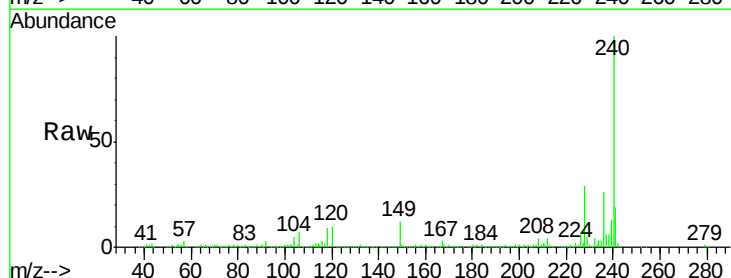
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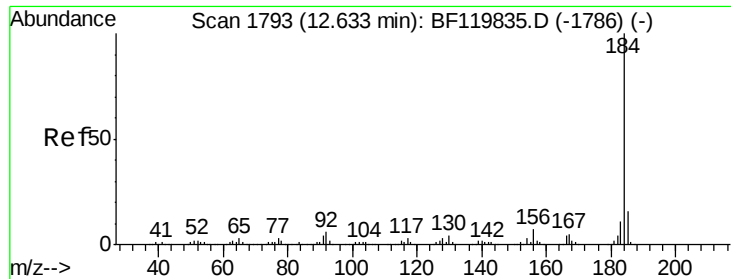
mohammad
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#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF120179.D
 Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	25.5	20.2	30.2





#77

Benzidine

Concen: 38.66 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

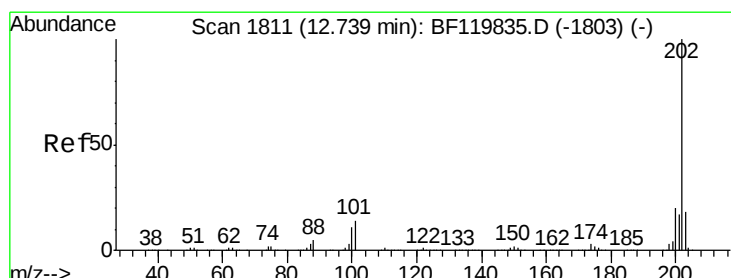
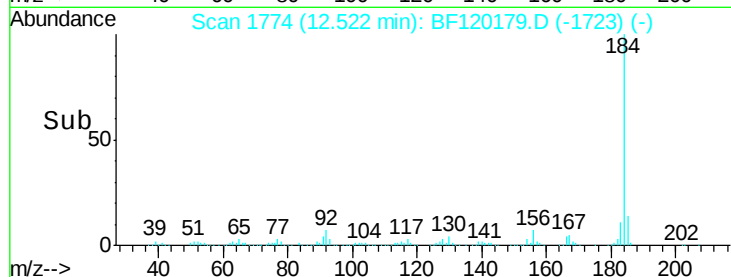
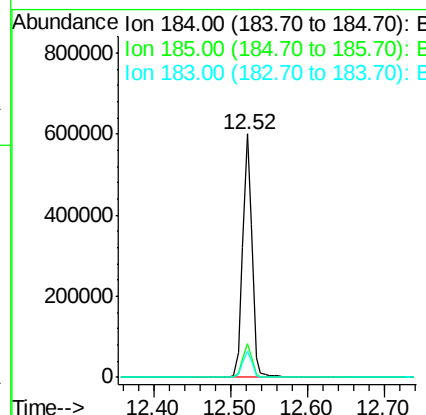
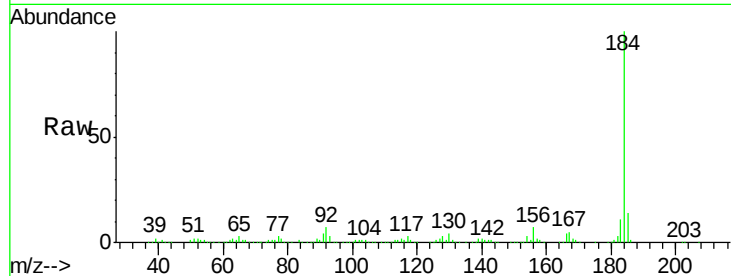
ClientSampleId :

PA-TWP-2MS

Tgt Ion:	184	Resp:	514170
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.3	18.5
183	10.7	9.0	13.6

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#78

Pyrene

Concen: 52.04 ng

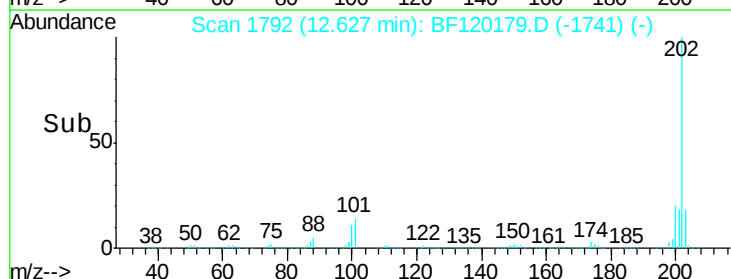
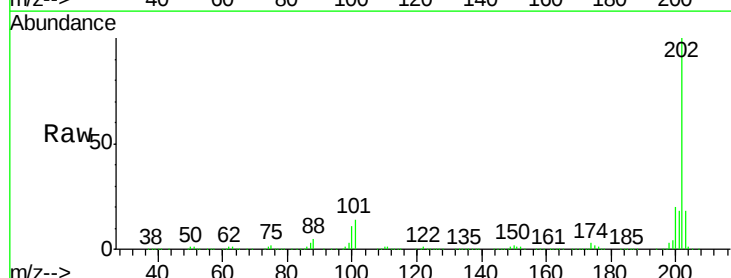
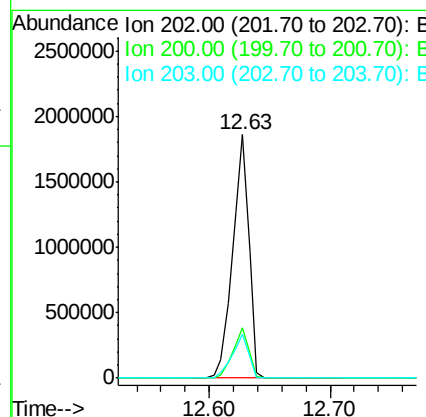
RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Tgt Ion:	202	Resp:	1726177
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	18.0	15.1	22.7





#79

Terphenyl-d14

Concen: 101.93 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

Instrument :

BNA_F

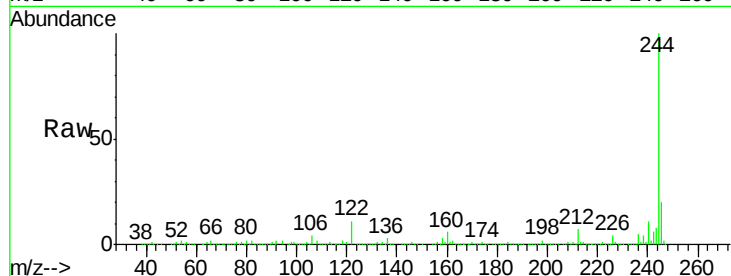
ClientSampleId :

PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.4	10.3	15.5

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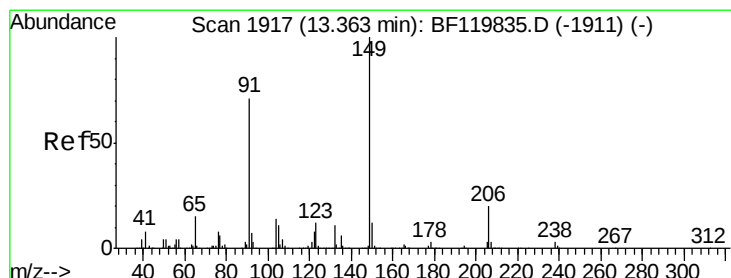
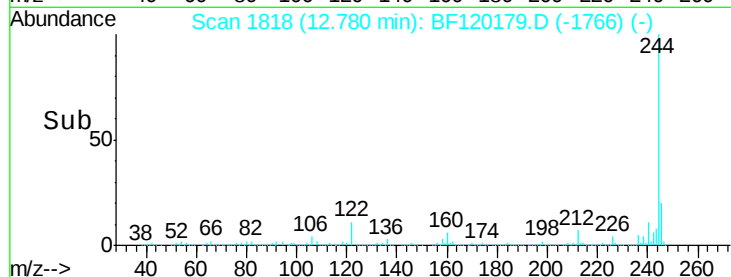
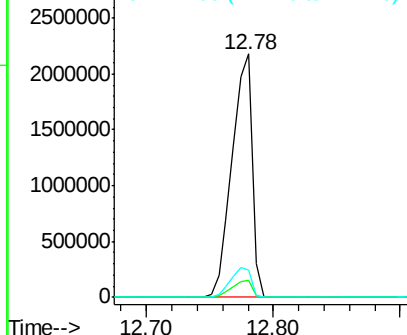
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.74 ng

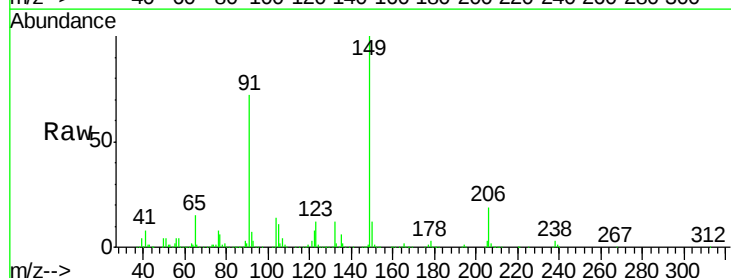
RT: 13.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BF120179.D

Acq: 23 Apr 2020 22:21

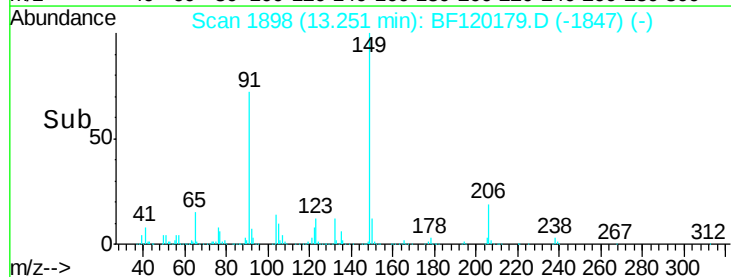
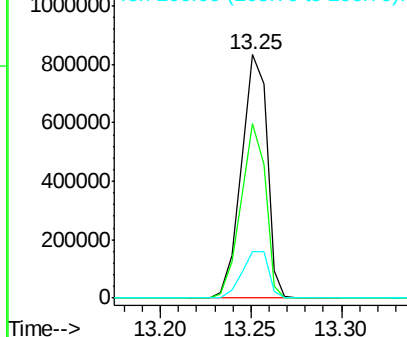
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.6	54.7	82.1
206	19.1	16.2	24.2

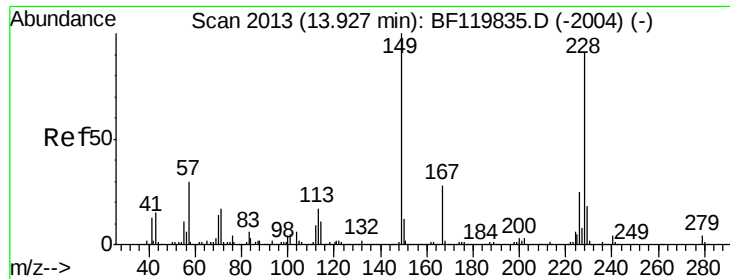


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





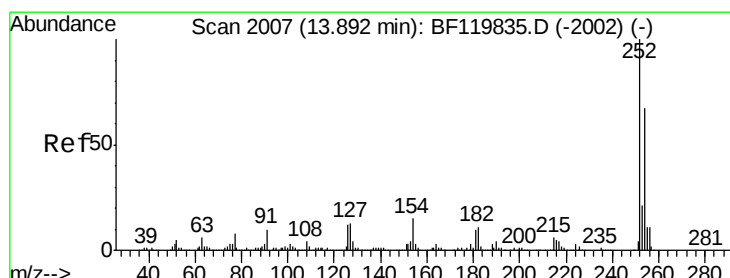
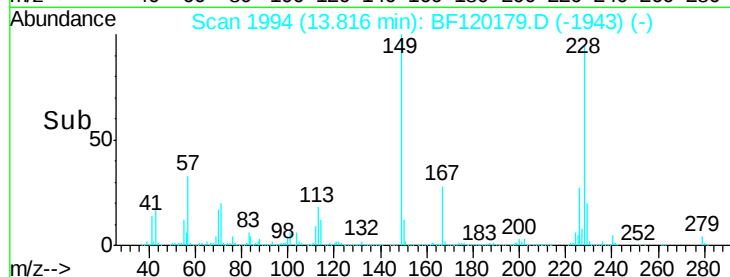
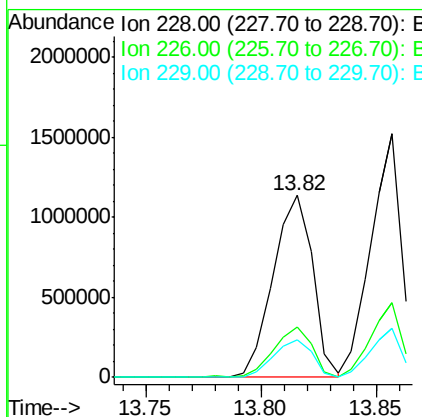
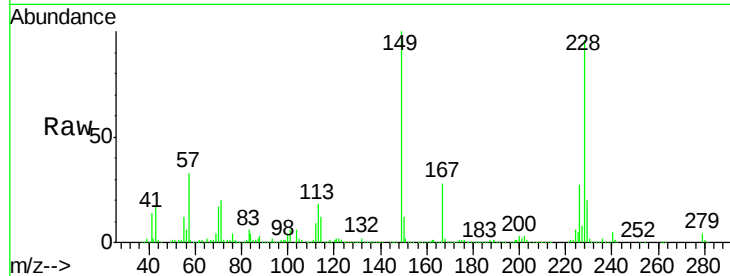
#81
Benzo(a)anthracene
Concen: 52.06 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:228 Resp: 1347475
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.6 16.2 24.4

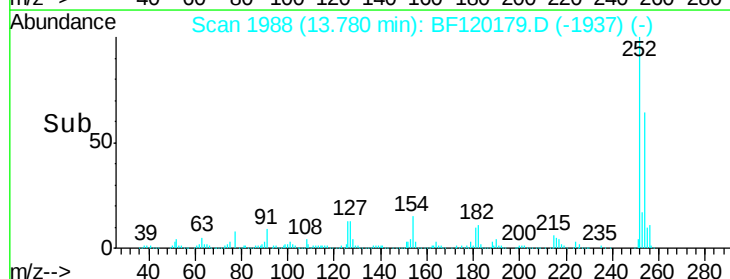
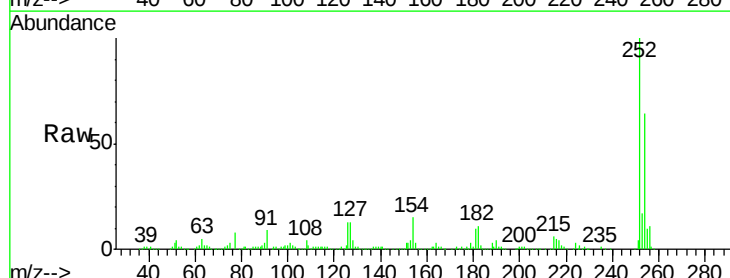
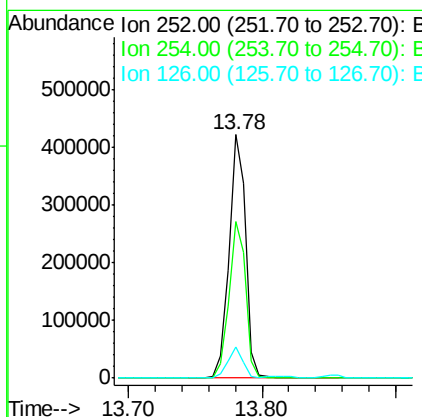
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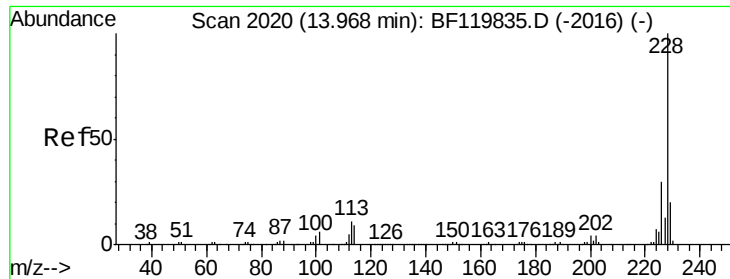
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.44 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:252 Resp: 371236
Ion Ratio Lower Upper
252 100
254 64.3 51.2 76.8
126 12.8 9.6 14.4





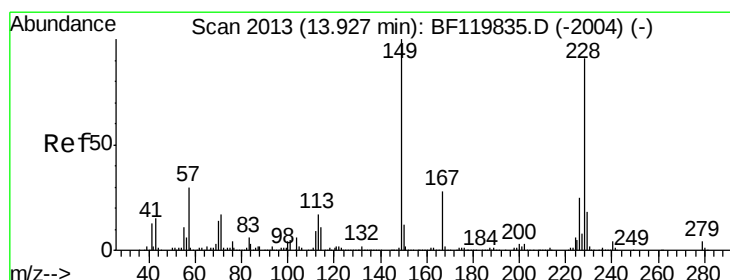
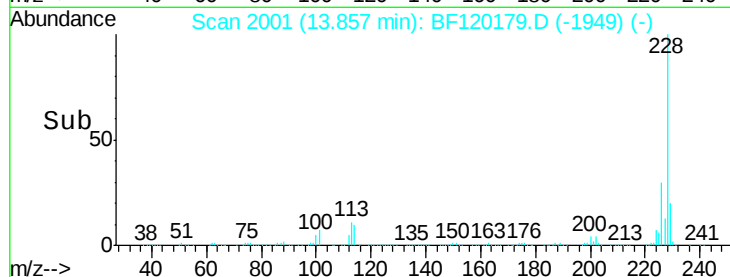
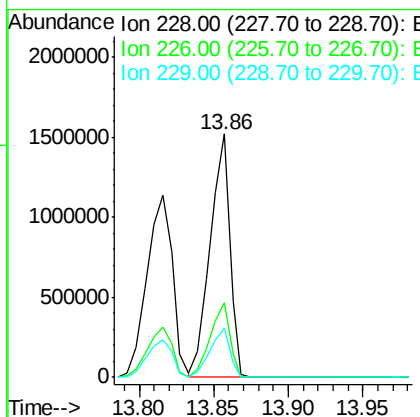
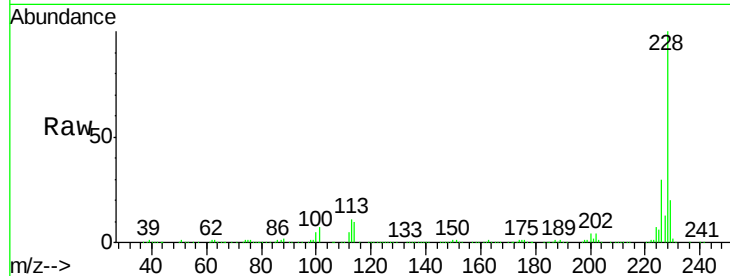
#83
Chrysene
Concen: 53.07 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:228 Resp: 1395698
Ion Ratio Lower Upper
228 100
226 30.5 25.4 38.0
229 20.2 16.6 24.8

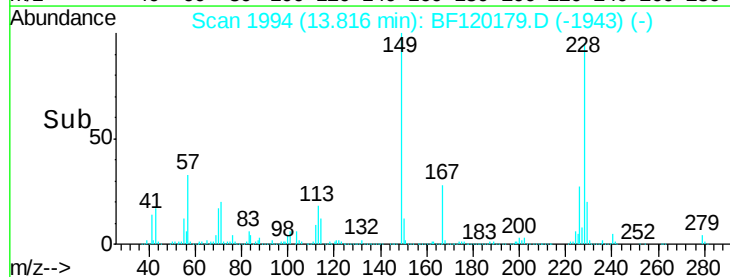
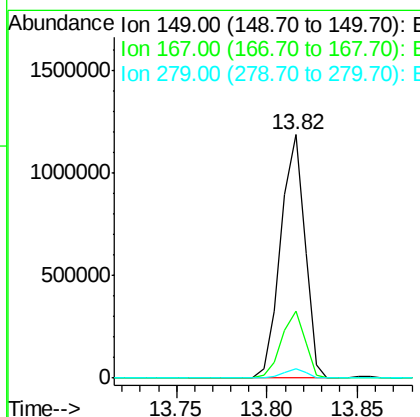
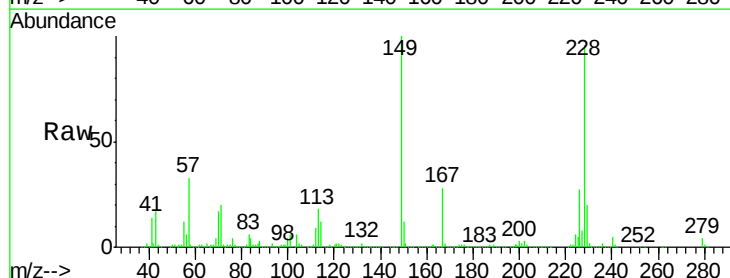
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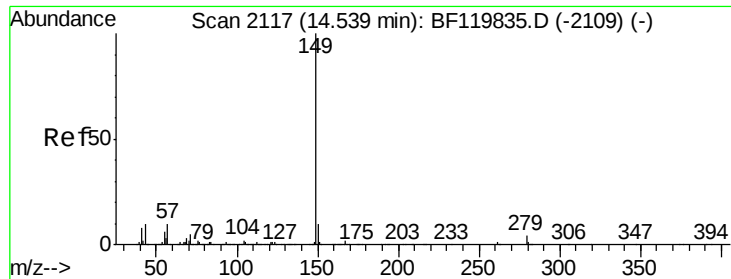
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.84 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:149 Resp: 1108143
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 3.7 2.7 4.1





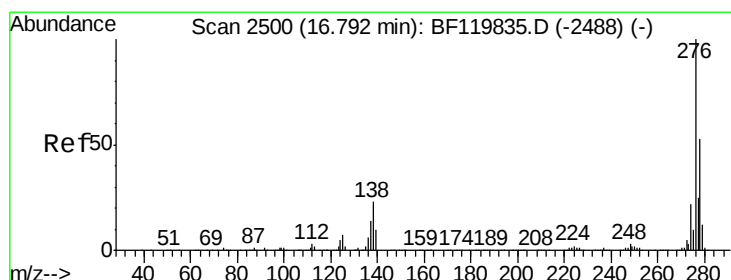
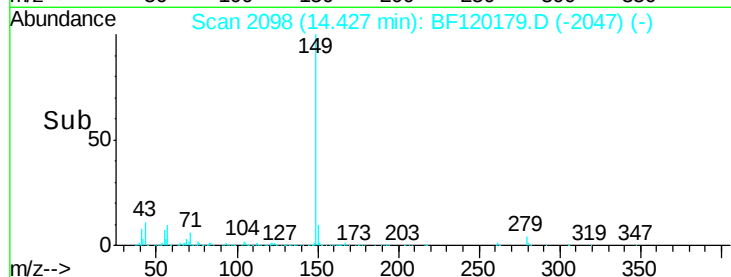
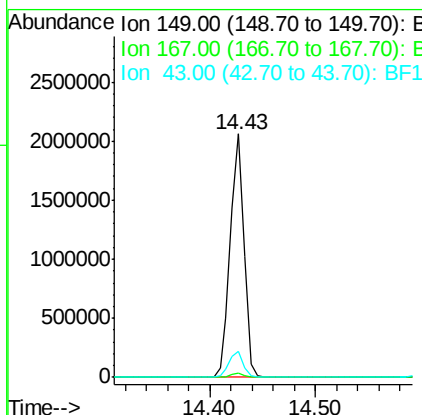
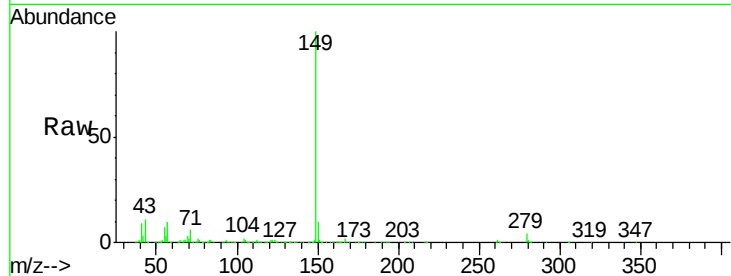
#85
Di-n-octyl phthalate
Concen: 50.04 ng
RT: 14.43 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion:149 Resp: 1856898
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.3 13.9

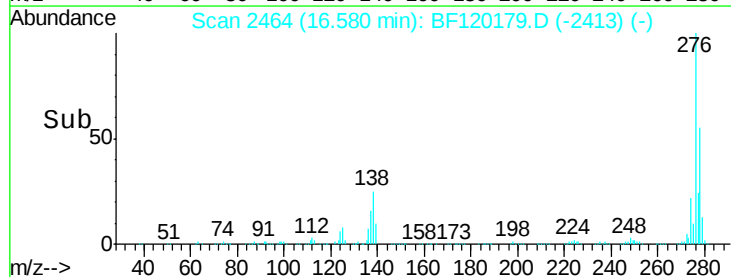
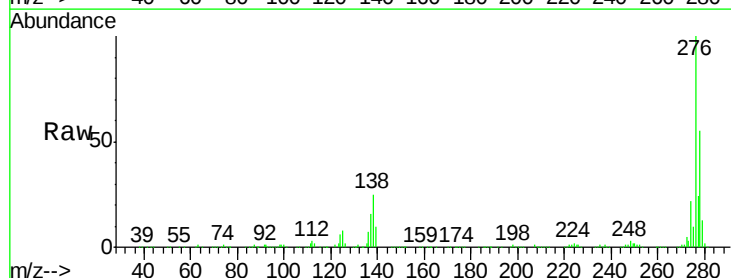
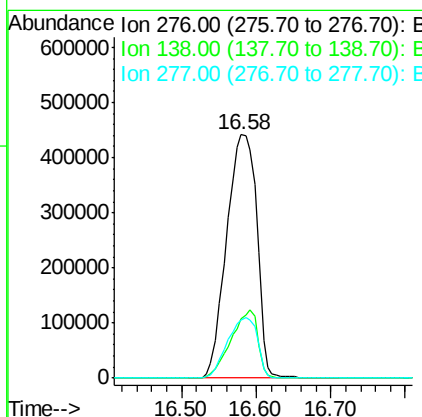
Manual Integrations
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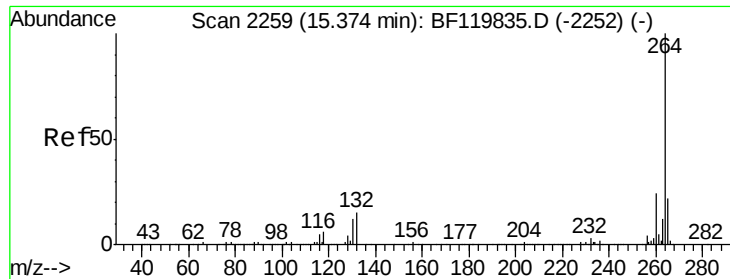
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.53 ng
RT: 16.58 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion:276 Resp: 1241088
Ion Ratio Lower Upper
276 100
138 24.8 19.6 29.4
277 24.8 20.0 30.0





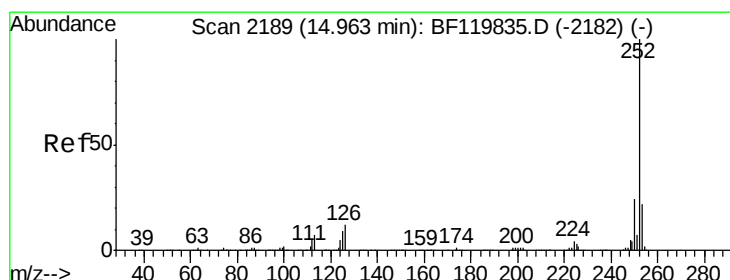
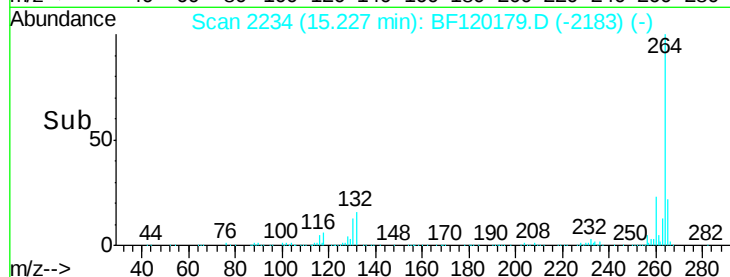
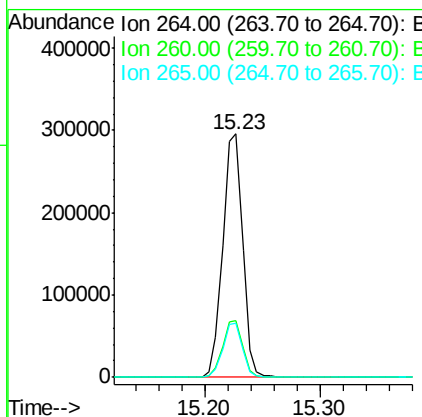
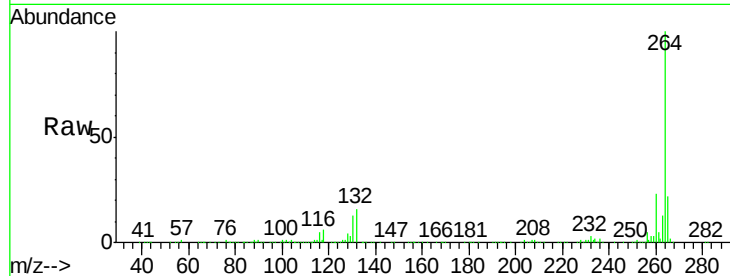
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	353810		
260	23.2	18.7	28.1	
265	22.1	17.7	26.5	

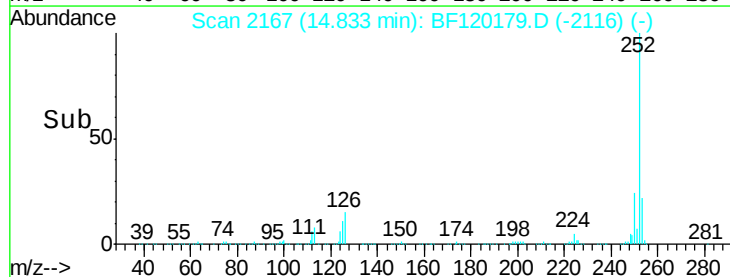
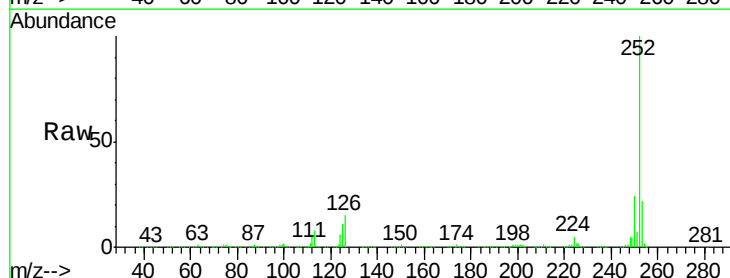
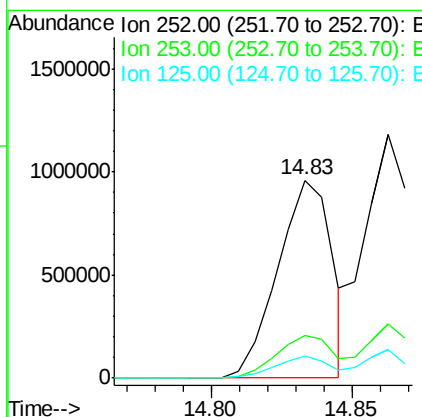
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#88
Benzo(b)fluoranthene
Concen: 50.28 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1279755		
253	21.6	17.4	26.0	
125	11.4	7.9	11.9	





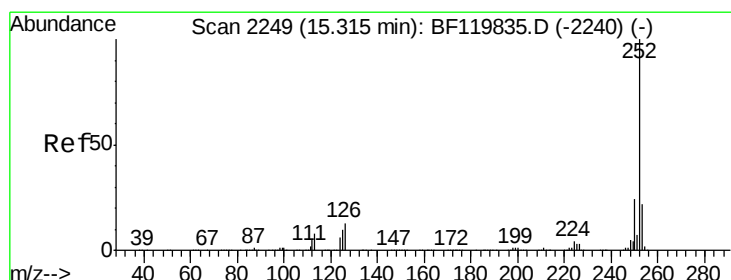
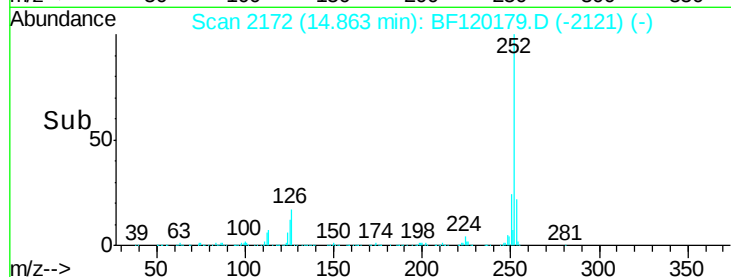
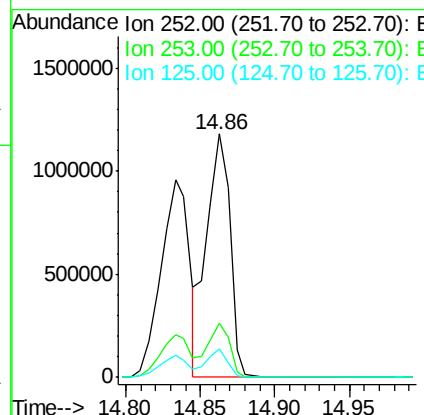
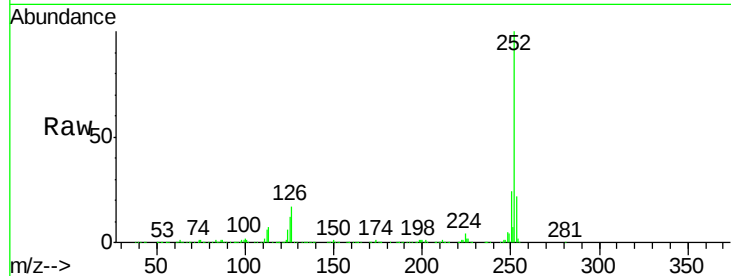
#89
Benzo(k)fluoranthene
Concen: 57.45 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.7	8.4	12.6

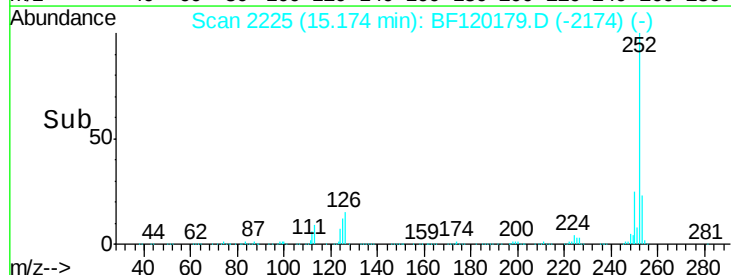
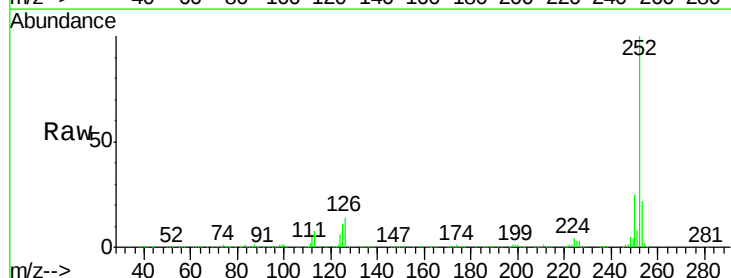
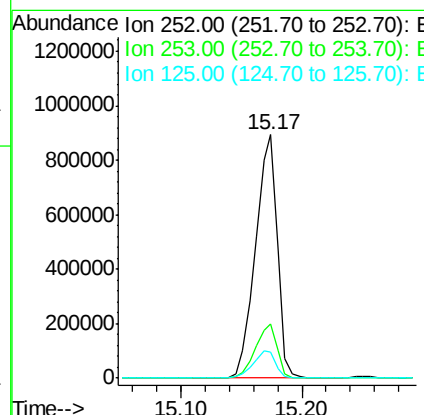
Manual Integrations
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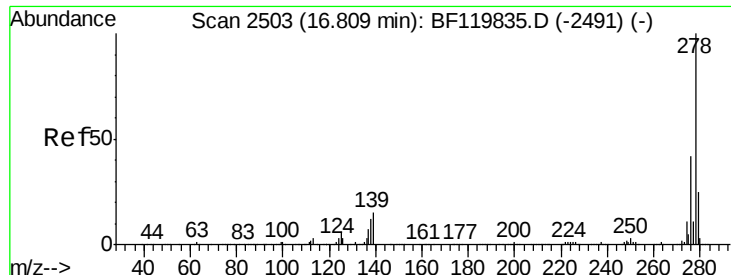
mohammad
4/24/2020 1:34:20 PM



#90
Benzo(a)pyrene
Concen: 52.59 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.8	9.4	14.2





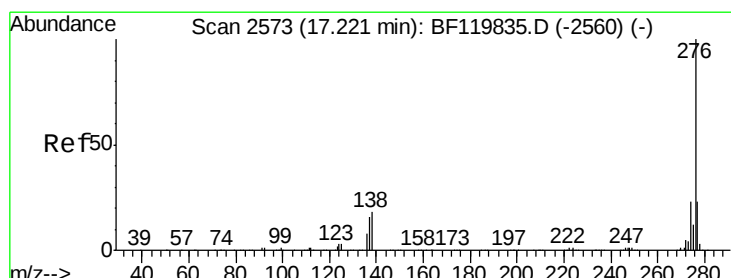
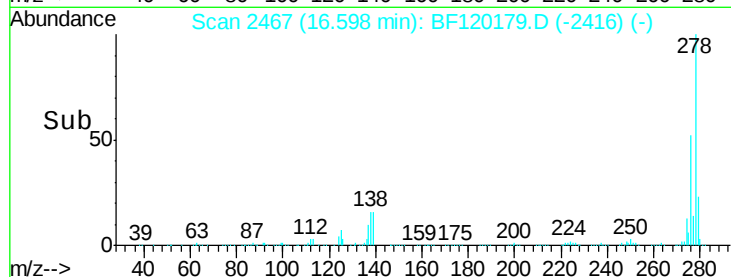
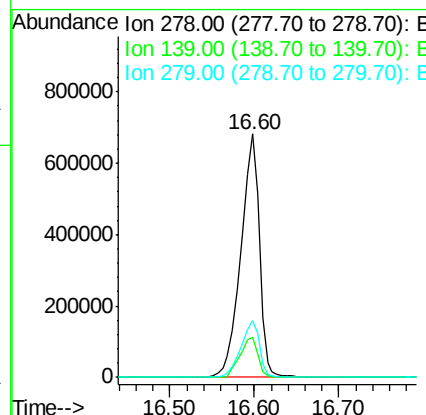
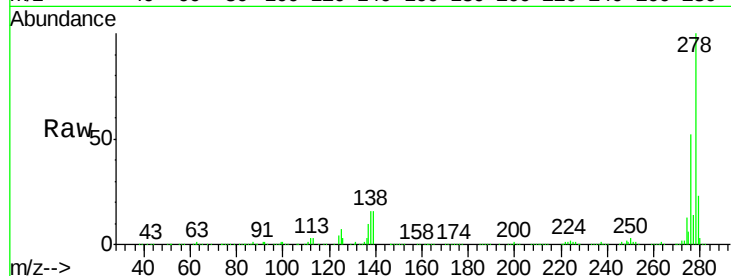
#91
Dibenzo(a,h)anthracene
Concen: 53.96 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	19.0
279	23.2	19.0	28.6

Manual Integrations
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4/24/2020 1:34:20 PM



#92
Benzo(g,h,i)perylene
Concen: 53.69 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF120179.D
Acq: 23 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	20.7	15.4	23.0

